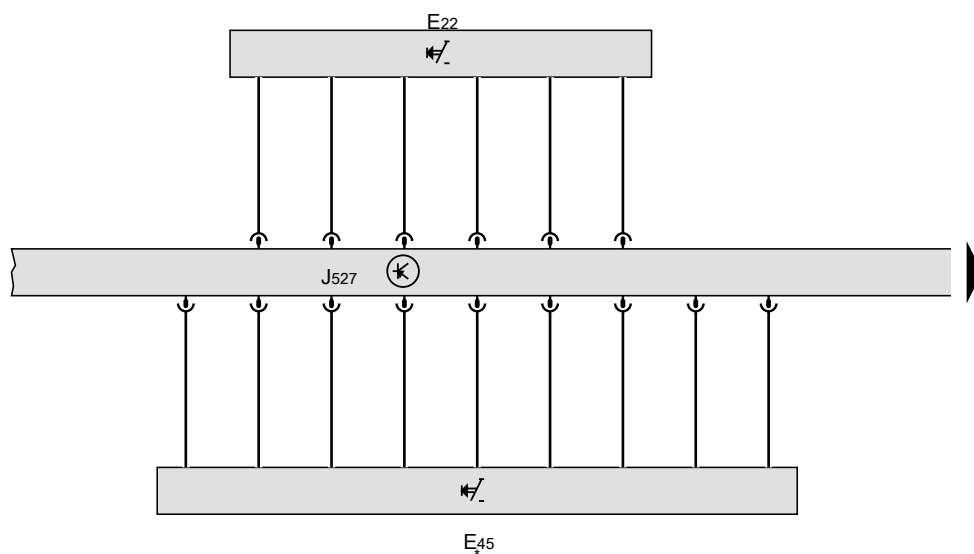


Basic equipment , (L0L),(5C0)

From March 2012

Intermittent wiper switch, Cruise control system switch,
Steering column electronics control unit

- E22 Intermittent wiper switch
- E45 Cruise control system switch
- J527 Steering column electronics control unit
- * For models with cruise control system (CCS)



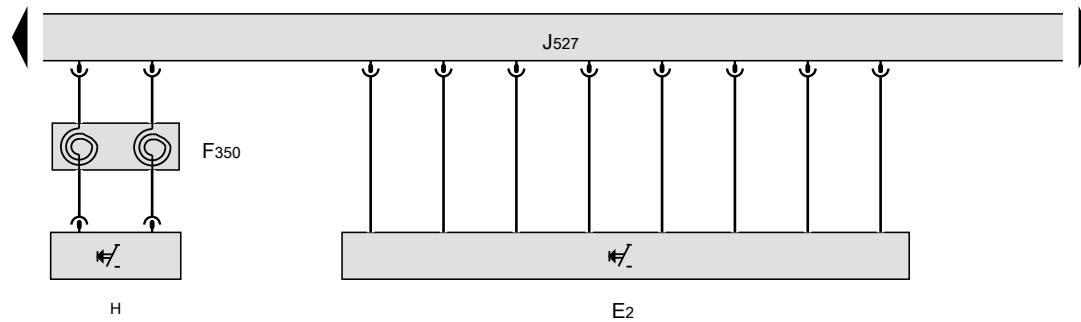
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

1 2 3 4 5 6 7 8 9 10 11 12 13 14

18V1-0010207181

Turn signal switch, Horn plate, Steering column electronics control unit

- E2 Turn signal switch
- F350 Coil connector
- H Horn plate
- J527 Steering column electronics control unit



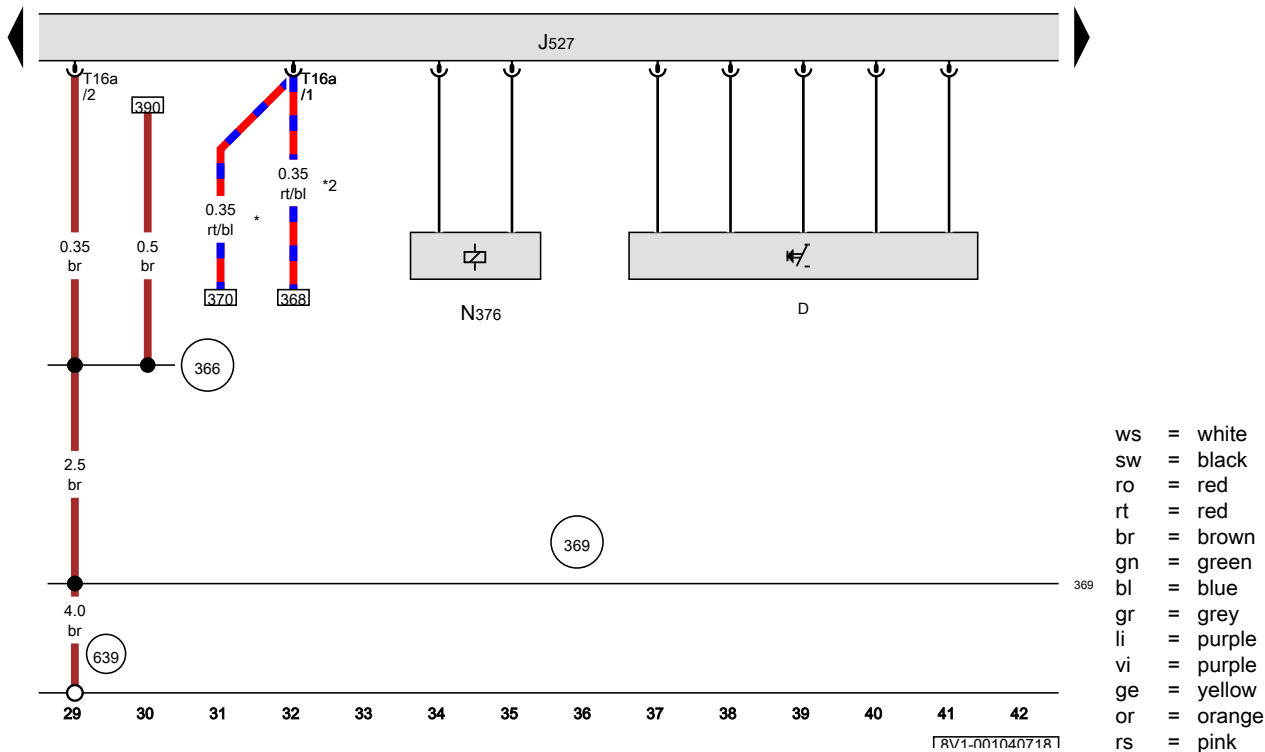
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

15 16 17 18 19 20 21 22 23 24 25 26 27 28

[8V1-001030718]

Ignition/starter switch, Steering column electronics control unit

- D Ignition/starter switch
- J527 Steering column electronics control unit
- N376 Ignition key withdrawal lock solenoid
- T1 1-pin connector
- T16a 16-pin connector
- 366 Earth connection 1, in main wiring harness
- 369 Earth connection 4, in main wiring harness
- 639 Earth point, left A-pillar
- * Up to April 2013
- *2 From May 2013

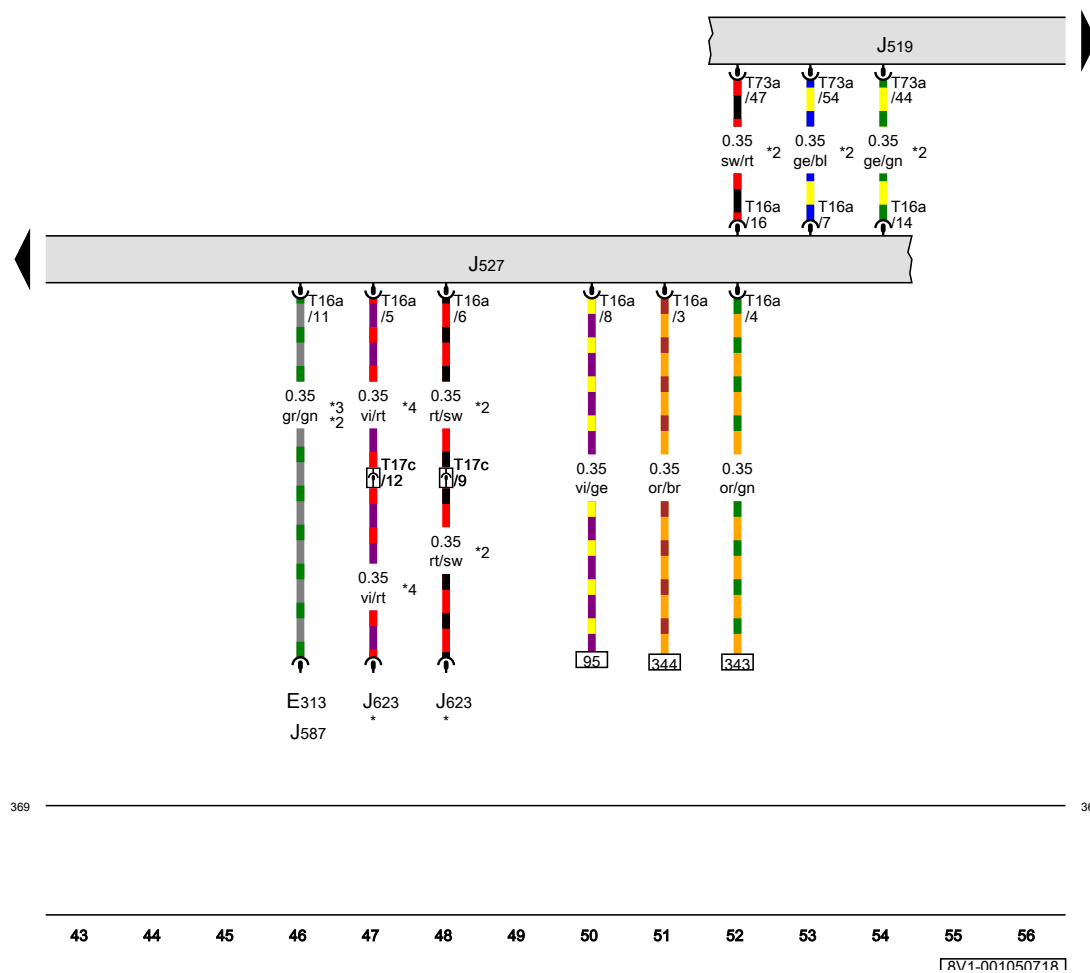


Onboard supply control unit, Steering column electronics control unit

- E313 Selector lever
- J519 Onboard supply control unit
- J527 Steering column electronics control unit
- J587 Selector lever sensors control unit
- J623 Engine/motor control unit
- T16a 16-pin connector
- T17c 17-pin connector
- T73a 73-pin connector

369 Earth connection 4, in main wiring harness

- * see applicable current flow diagram for engine
- *2 For models with no entry and start authorisation
- *3 see applicable current flow diagram for automatic gearbox
- *4 For models with cruise control system (CCS)



Onboard supply control unit

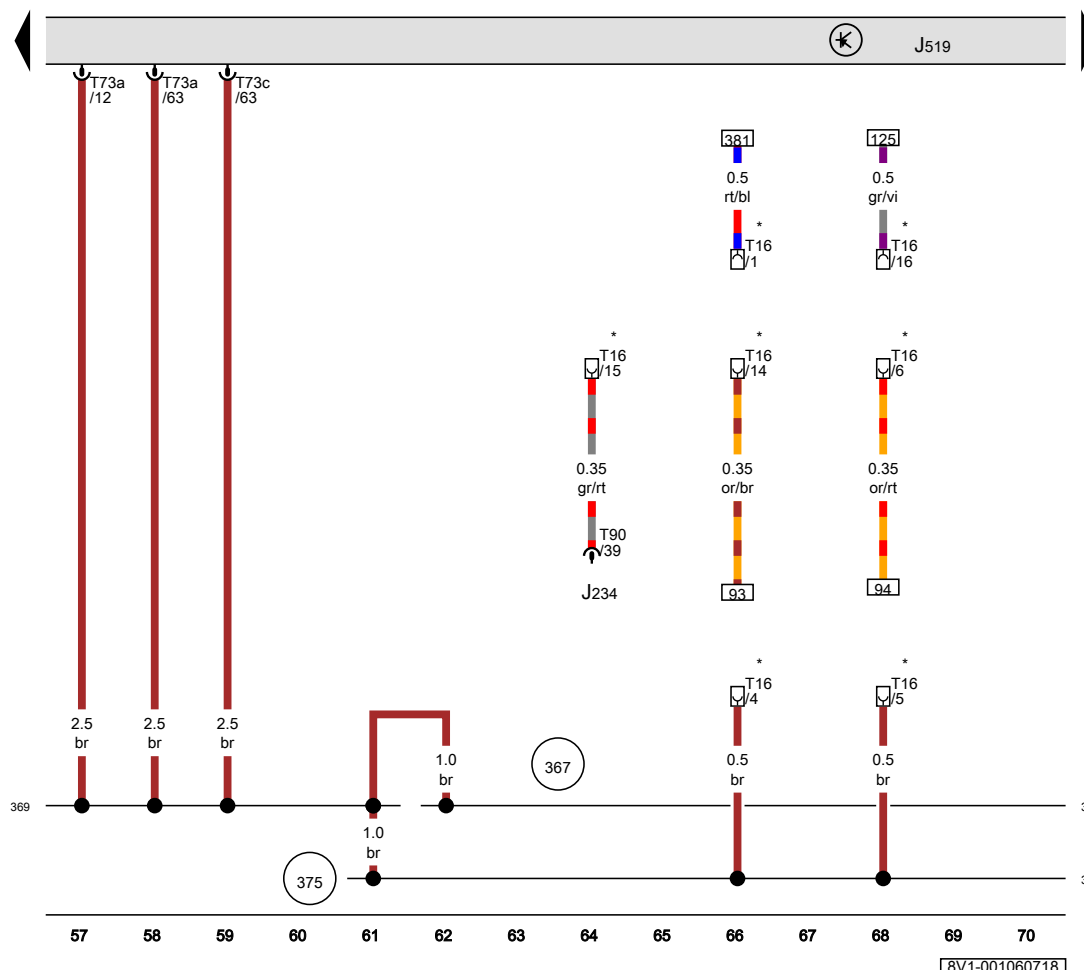
- J234 Airbag control unit
- J519 Onboard supply control unit
- T16 16-pin connector
- T73a 73-pin connector
- T73c 73-pin connector
- T90 90-pin connector

367 Earth connection 2, in main wiring harness

369 Earth connection 4, in main wiring harness

375 Earth connection 10, in main wiring harness

* Diagnostic connection



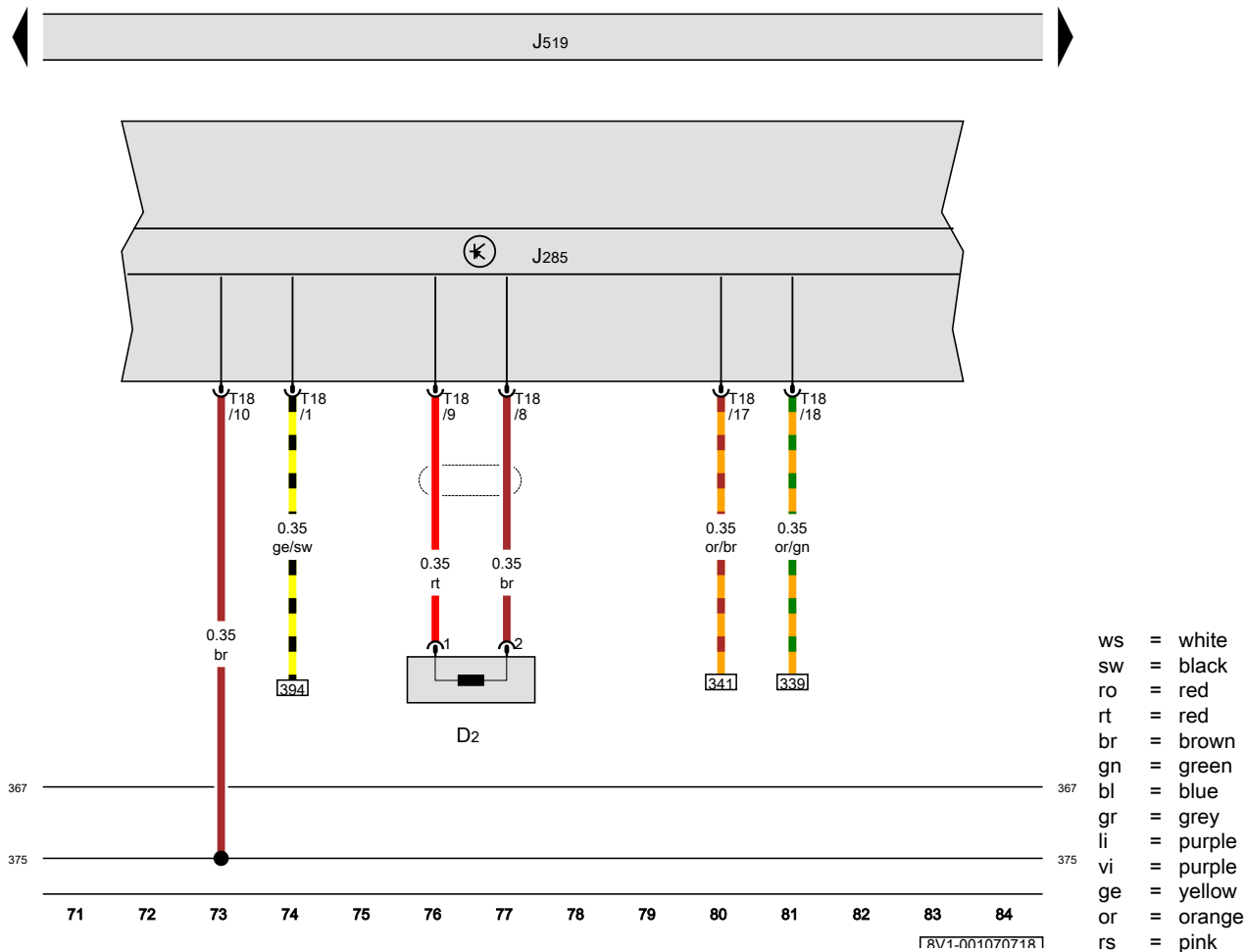
ws = white
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 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

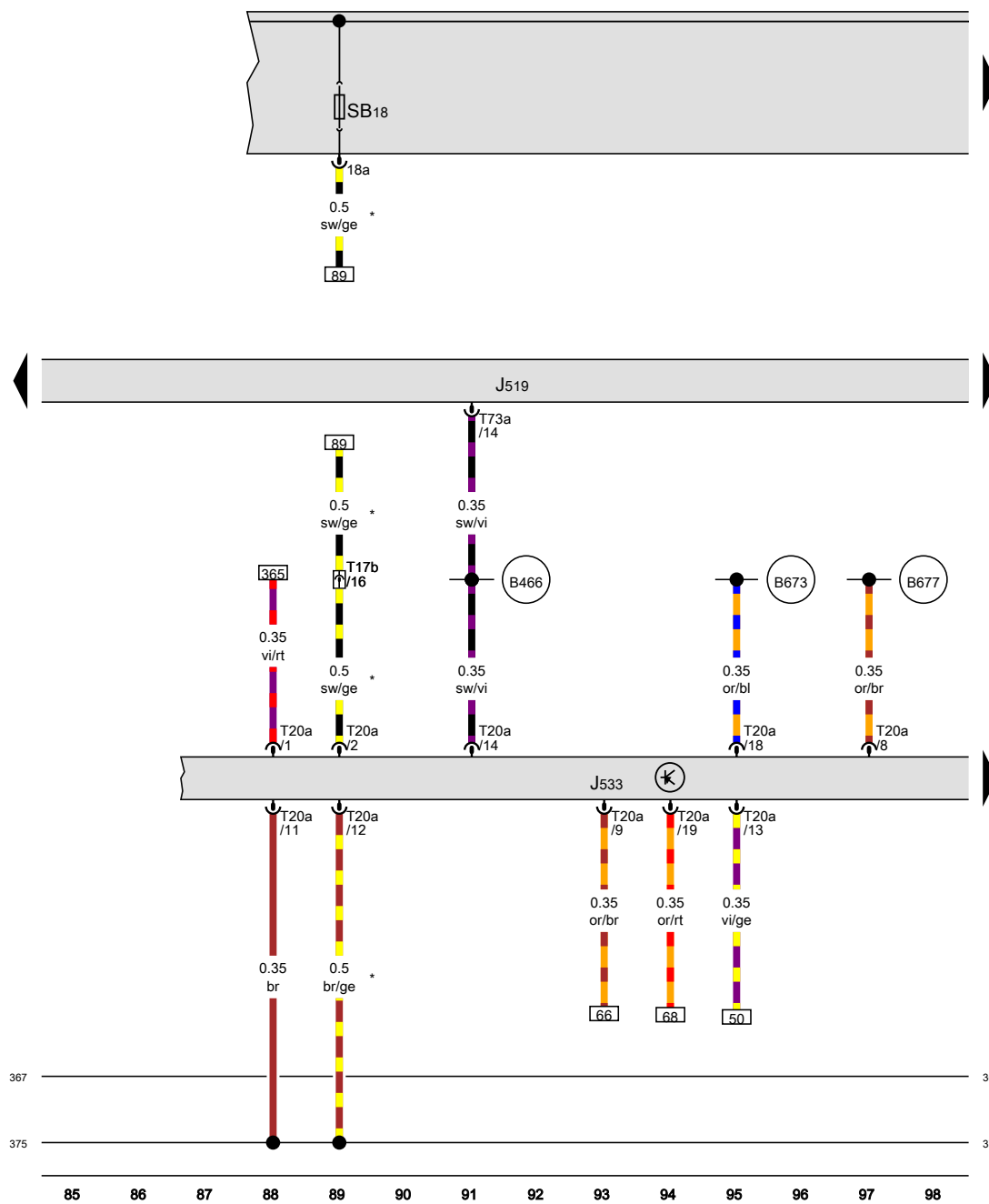
Control unit in dash panel insert, Onboard supply control unit

- D2 Immobiliser reader coil
- J285 Control unit in dash panel insert
- J519 Onboard supply control unit
- T18 18-pin connector

367 Earth connection 2, in main wiring harness

375 Earth connection 10, in main wiring harness





Onboard supply control unit, Data bus diagnostic interface

- J519 Onboard supply control unit
- J533 Data bus diagnostic interface
- SB18 Fuse 18 on fuse holder B
- T17b 17-pin connector
- T20a 20-pin connector
- T73a 73-pin connector

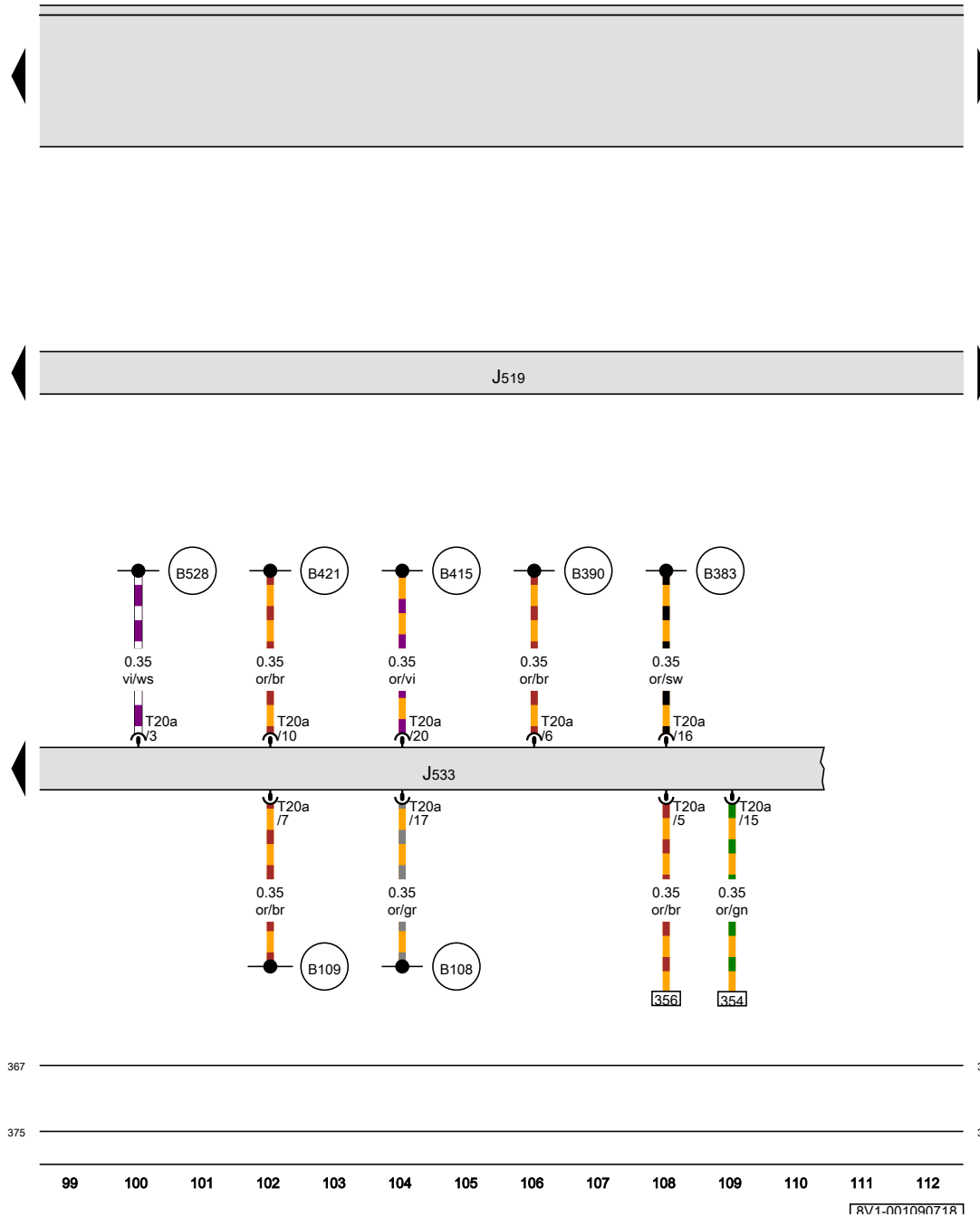
- 367 Earth connection 2, in main wiring harness
- 375 Earth connection 10, in main wiring harness
- B466 Connection 2, in main wiring harness
- B673 Connection 2 (running gear/dash panel insert CAN bus, high), in main wiring harness
- B677 Connection 2 (running gear/dash panel insert CAN bus, low), in main wiring harness

* For models with no start/stop system

Onboard supply control unit, Data bus diagnostic interface

J519 Onboard supply control unit
J533 Data bus diagnostic interface
T20a 20-pin connector

- 367 Earth connection 2, in main wiring harness
- 375 Earth connection 10, in main wiring harness
- B108 Connection 1 (CAN bus extended high), in main wiring harness
- B109 Connection 1 (CAN bus extended low), in main wiring harness
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- B415 Connection 1 (infotainment CAN bus, high), in main wiring harness
- B421 Connection 1 (infotainment CAN bus, low), in main wiring harness
- B528 Connection 1 (LIN bus) in main wiring harness



Light switch, Rain and light sensor, Onboard supply control unit

- E1 Light switch
- E102 Headlight range control regulator
- G355 Humidity sender
- G397 Rain and light sensor
- J519 Onboard supply control unit
- T3f 3-pin connector
- T17b 17-pin connector
- T73a 73-pin connector
- T73c 73-pin connector

367 Earth connection 2, in main wiring harness

375 Earth connection 10, in main wiring harness

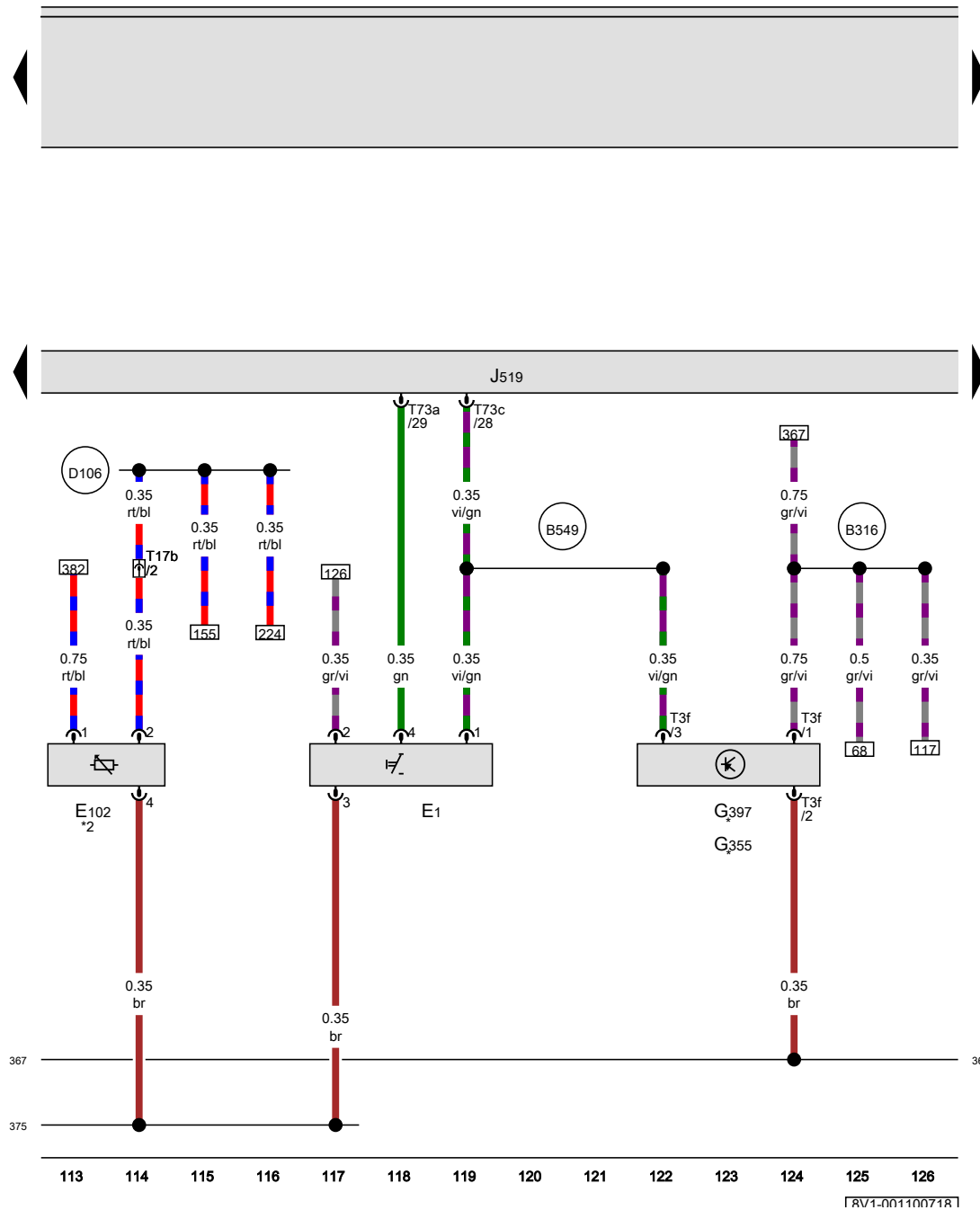
B316 Positive connection 2 (30a) in main wiring harness

B549 Connection 2 (LIN bus) in main wiring harness

D106 Connection 4 in engine compartment wiring harness

* According to equipment

*2 For models with no automatic headlight range control

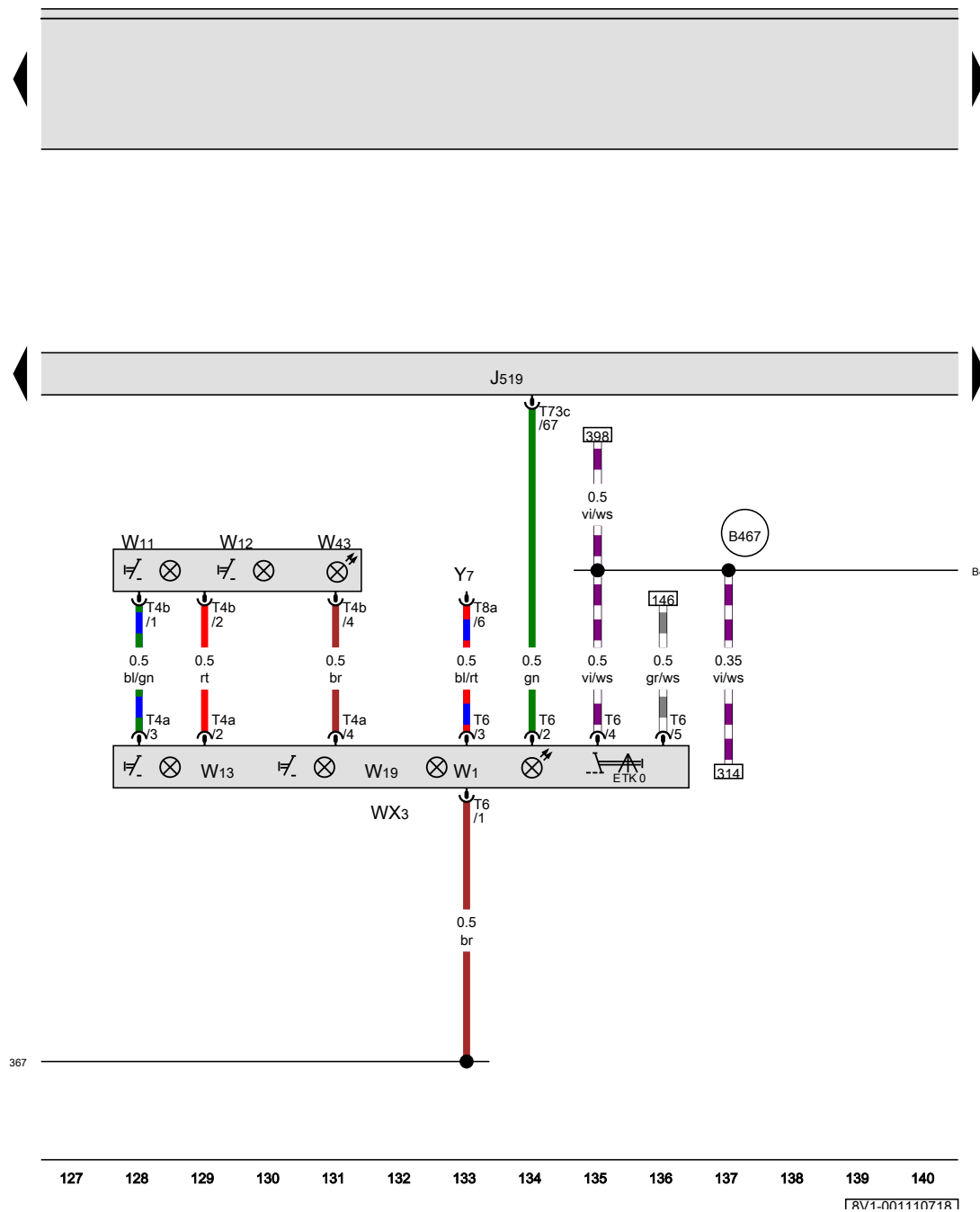


Onboard supply control unit, Front roof module, Rear interior light

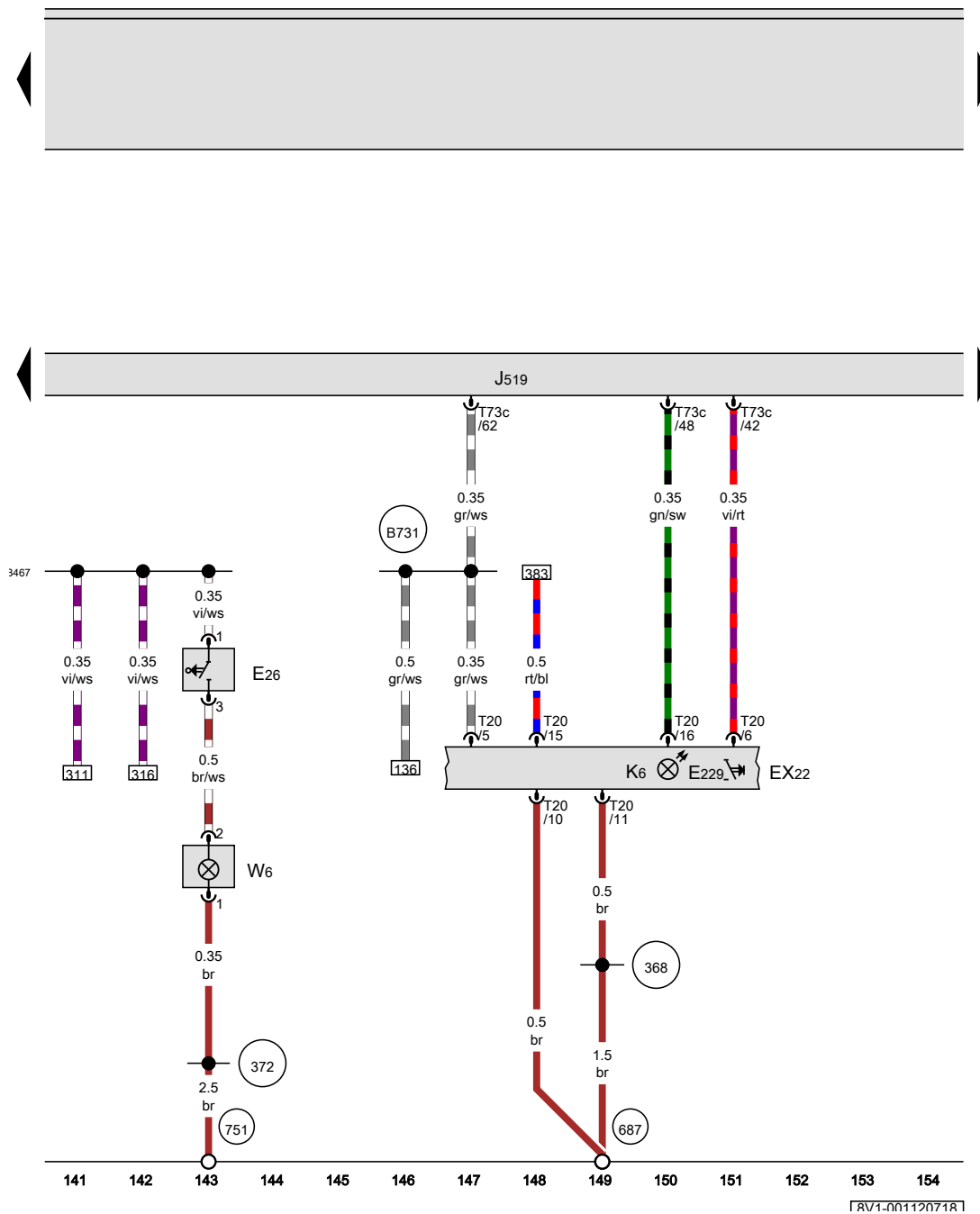
- J519 Onboard supply control unit
- T4a 4-pin connector
- T4b 4-pin connector
- T6 6-pin connector
- T8a 8-pin connector
- T73c 73-pin connector
- W1 Front interior light
- WX3 Front roof module
- W11 Rear left reading light
- W12 Rear right reading light
- W13 Front passenger reading light
- W19 Driver side reading light
- W43 Rear interior light
- Y7 Automatic anti-dazzle interior mirror

367 Earth connection 2, in main wiring harness

B467 Connection 3, in main wiring harness



- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



Centre switch module in dash panel, Glove compartment light switch, Hazard warning lights button, Onboard supply control unit, Glove compartment light

- EX22 Centre switch module in dash panel
- E26 Glove compartment light switch
- E229 Hazard warning lights button
- J519 Onboard supply control unit
- K6 Indicator lamp for hazard warning light
- T20 20-pin connector
- T73c 73-pin connector
- W6 Glove compartment light
- 368 Earth connection 3, in main wiring harness
- 372 Earth connection 7, in main wiring harness
- 687 Earth point 1, on centre tunnel
- 751 Earth point 2, on right A-pillar
- B467 Connection 3, in main wiring harness
- B731 Connection 1 (58s), in main wiring harness

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Onboard supply control unit, Left daytime running light bulb, Left side light bulb, Front left turn signal bulb, Left headlight dipped beam bulb, Left headlight main beam bulb, Left headlight range control motor

- J519 Onboard supply control unit
- L174 Left daytime running light bulb
- M1 Left side light bulb
- M5 Front left turn signal bulb
- M29 Left headlight dipped beam bulb
- M30 Left headlight main beam bulb
- T17b 17-pin connector
- T17c 17-pin connector
- T46b 46-pin connector
- T73c 73-pin connector
- V48 Left headlight range control motor

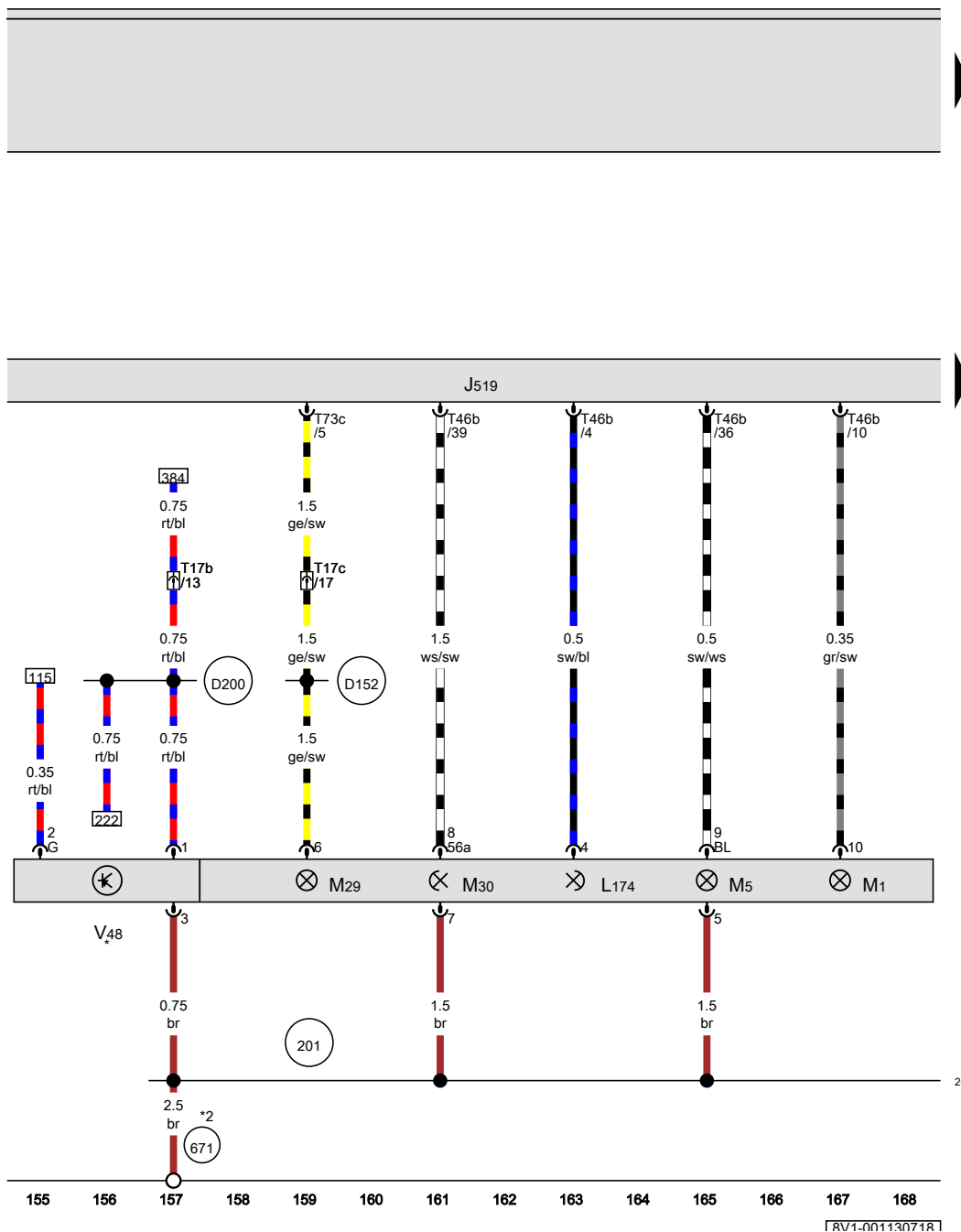
201 Earth connection 5, in engine compartment wiring harness

671 Earth point 1, on front of left longitudinal member

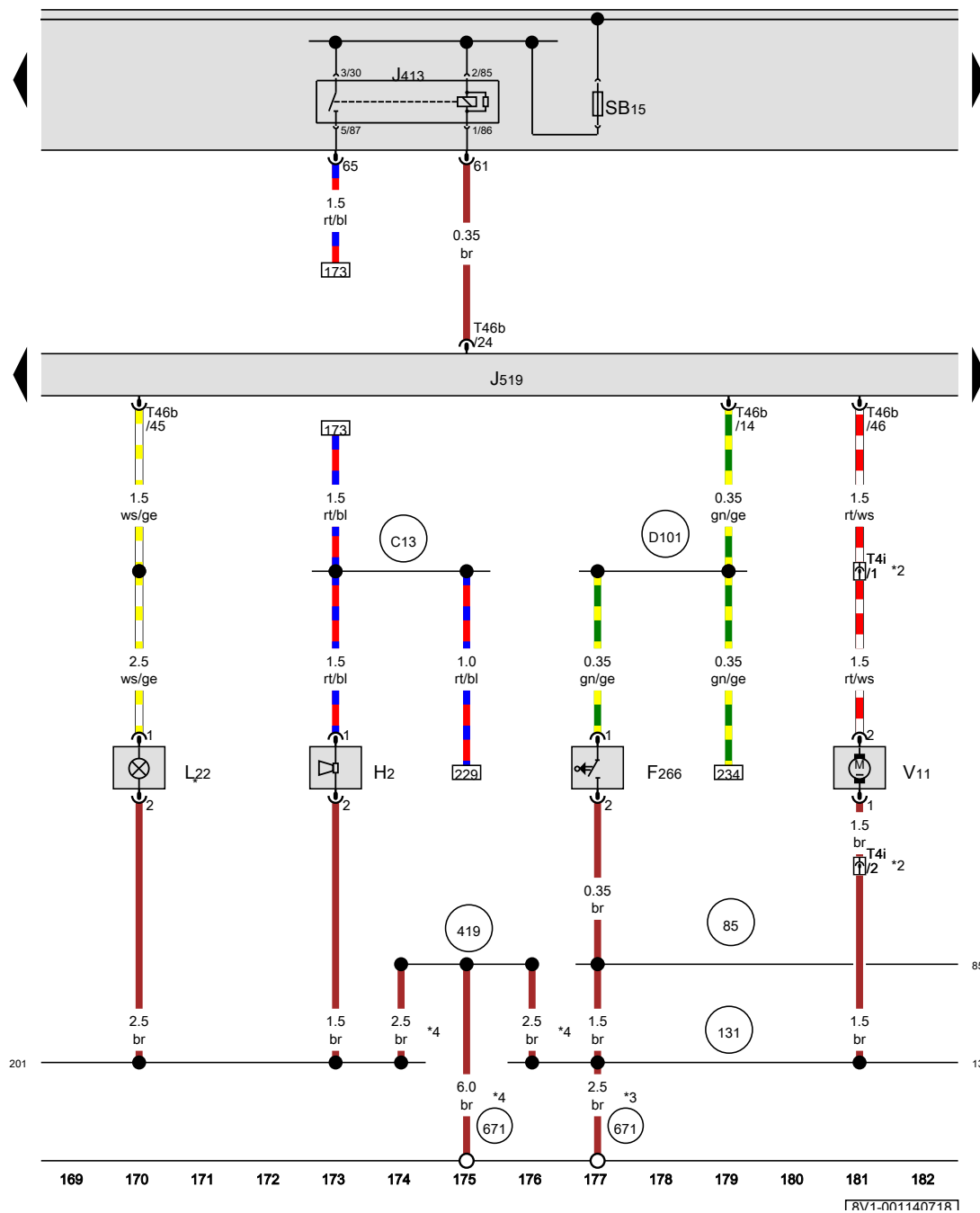
D152 Positive connection 1 (56b), in engine compartment wiring harness

D200 Positive connection 3 (15a), in engine compartment wiring harness

* For models with headlight range control
*2 Gradually discontinued



ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink



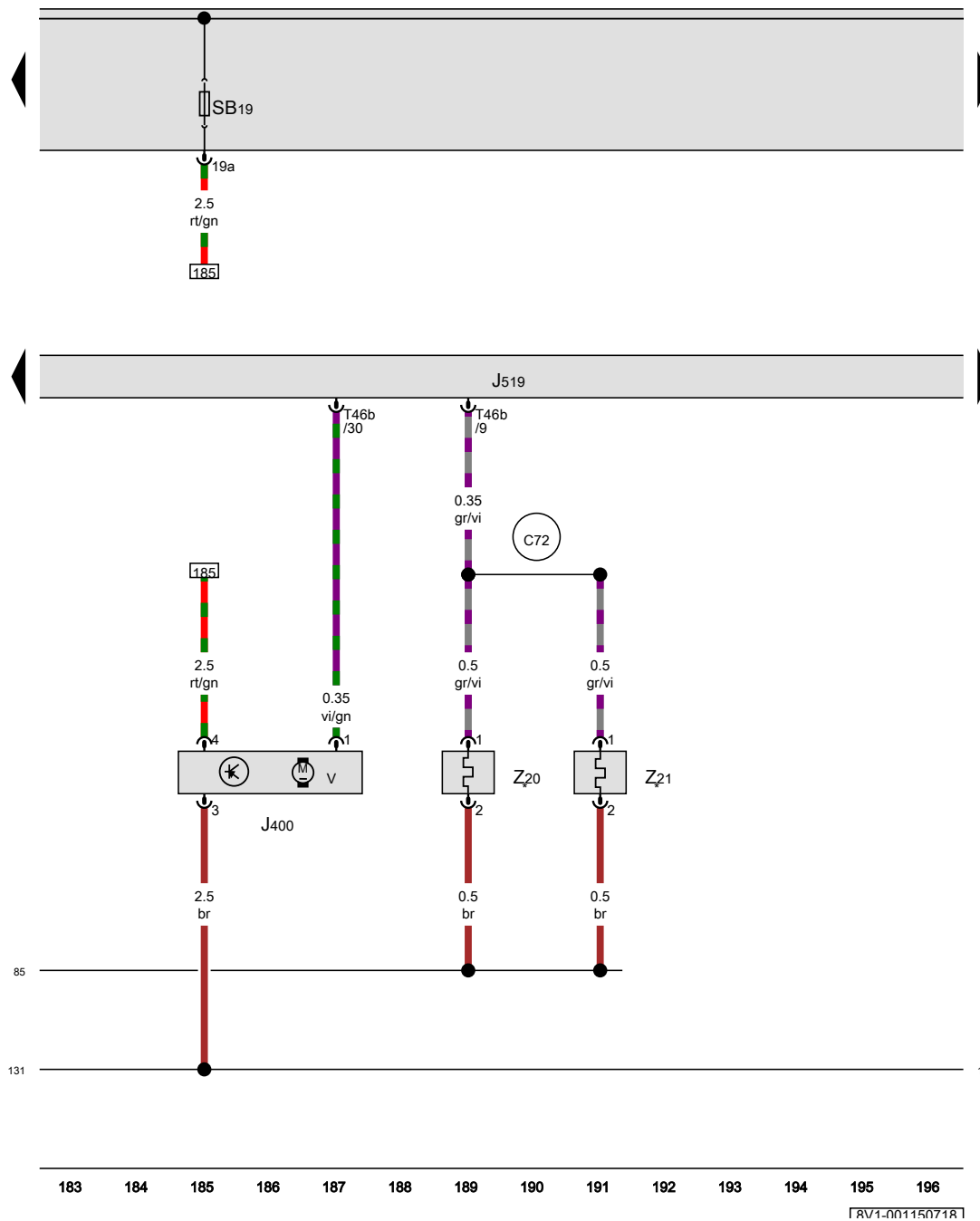
Bonnet contact switch, Treble horn, Onboard supply control unit, Left fog light bulb, Headlight washer system pump

- F266 Bonnet contact switch
- H2 Treble horn
- J413 Horn relay
- J519 Onboard supply control unit
- L22 Left fog light bulb
- SB15 Fuse 15 on fuse holder B
- T4i 4-pin connector
- T46b 46-pin connector
- V11 Headlight washer system pump

- 85 Earth connection 1, in engine compartment wiring harness
- 131 Earth connection 2, in engine compartment wiring harness
- 201 Earth connection 5, in engine compartment wiring harness
- 419 Earth connection 11, in engine compartment wiring harness
- 671 Earth point 1, on front of left longitudinal member
- C13 Positive connection in dual tone horn wiring harness
- D101 Connection 1 in engine compartment wiring harness

- * For models with fog lights
- *2 According to equipment
- *3 Gradually discontinued
- *4 gradual introduction

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



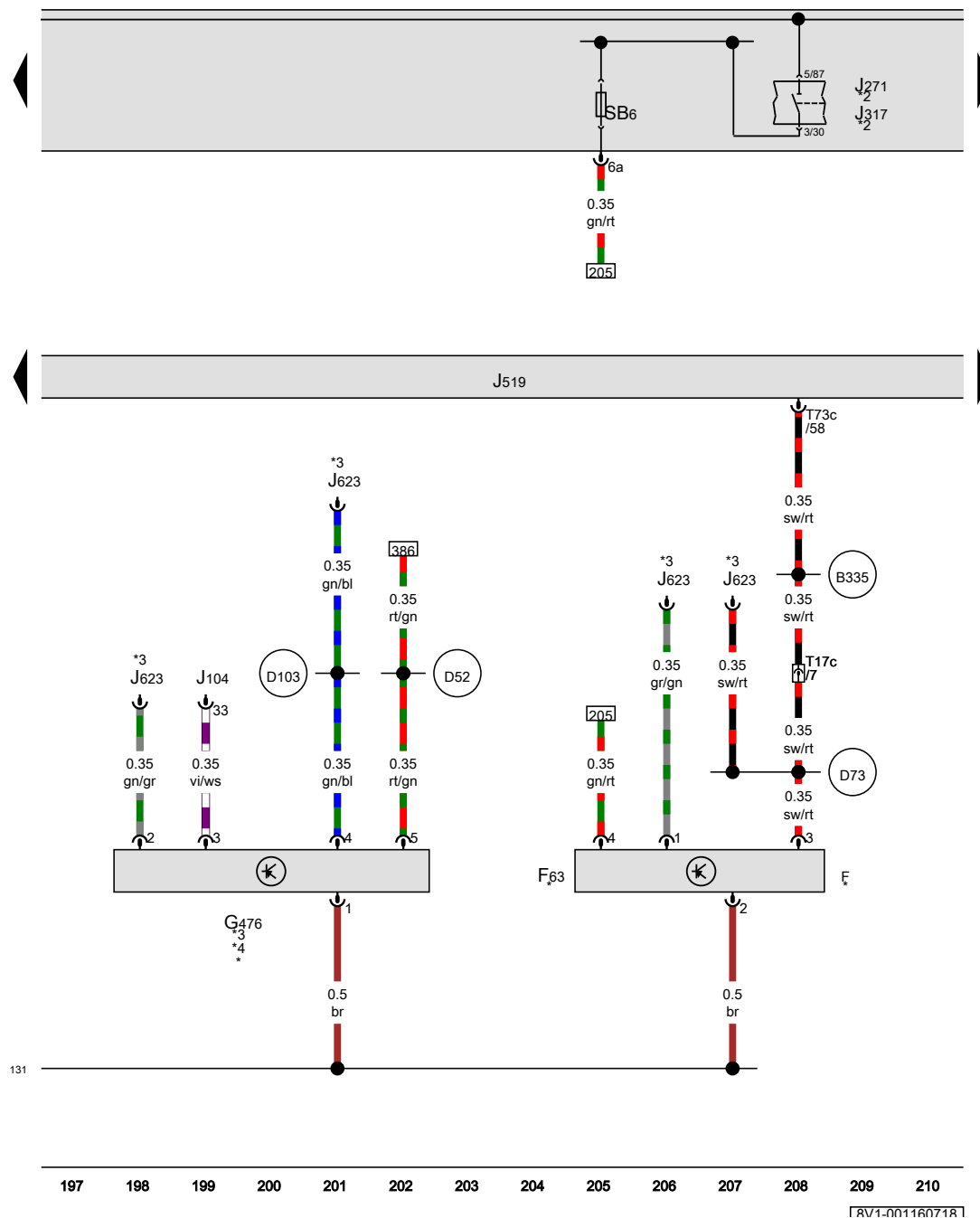
Wiper motor control unit, Onboard supply control unit,
Windscreen wiper motor, Left washer jet heater element,
Right washer jet heater element

- J400 Wiper motor control unit
- J519 Onboard supply control unit
- SB19 Fuse 19 on fuse holder B
- T46b 46-pin connector
- V Windscreen wiper motor
- Z20 Left washer jet heater element
- Z21 Right washer jet heater element

- 85 Earth connection 1, in engine compartment wiring harness
- 131 Earth connection 2, in engine compartment wiring harness
- C72 Positive connection in heated washer jet wiring harness

* For models with heater element for washer jets

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



Brake pedal switch, Clutch position sender, Onboard supply control unit

- F Brake light switch
- F63 Brake pedal switch
- G476 Clutch position sender
- J104 ABS control unit
- J271 Main relay
- J317 Terminal 30 voltage supply relay
- J519 Onboard supply control unit
- J623 Engine/motor control unit
- SB6 Fuse 6 on fuse holder B
- T17c 17-pin connector
- T73c 73-pin connector

- 131 Earth connection 2, in engine compartment wiring harness
- B335 Connection 1 (54), in main wiring harness
- D52 Positive connection (15a), in engine compartment wiring harness
- D73 Positive connection (54), in engine compartment wiring harness
- D103 Connection 3 in engine compartment wiring harness
- * For models with no hybrid drive system
- *2 According to equipment
- *3 see applicable current flow diagram for engine
- *4 For models with manual gearbox

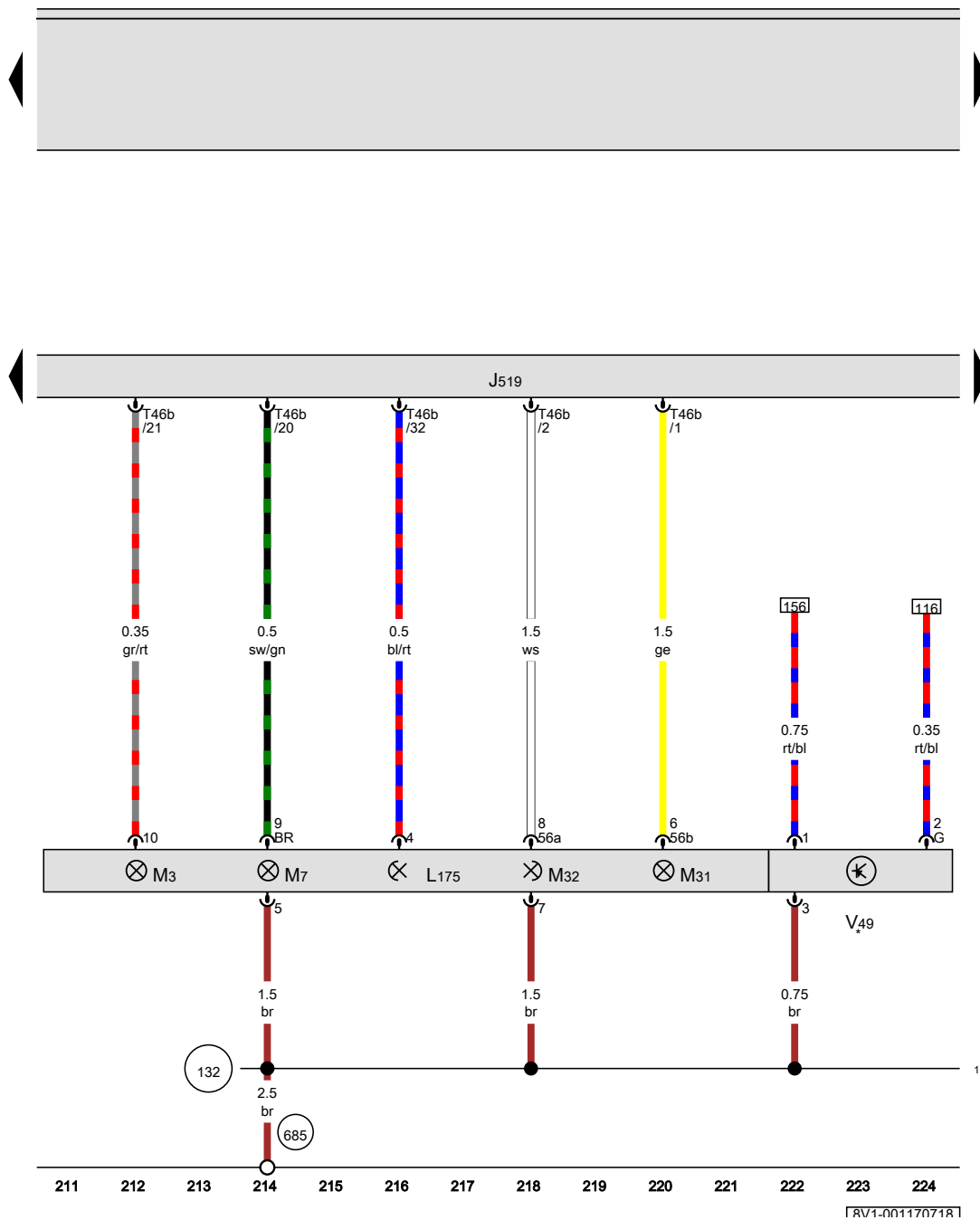
Onboard supply control unit, Right daytime running light bulb, Right side light bulb, Front right turn signal bulb, Right headlight dipped beam bulb, Right headlight main beam bulb, Right headlight range control motor

- J519 Onboard supply control unit
- L175 Right daytime running light bulb
- M3 Right side light bulb
- M7 Front right turn signal bulb
- M31 Right headlight dipped beam bulb
- M32 Right headlight main beam bulb
- T46b 46-pin connector
- V49 Right headlight range control motor

132 Earth connection 3, in engine compartment wiring harness

685 Earth point 1, on front of right longitudinal member

* For models with headlight range control



Bonnet contact switch 2, Front right brake pad wear sender, Bass horn, Onboard supply control unit, Right fog light bulb, Tank filler flap locking motor

- F329 Bonnet contact switch 2
- G35 Front right brake pad wear sender
- H7 Bass horn
- J519 Onboard supply control unit
- L23 Right fog light bulb
- T46b 46-pin connector
- T73a 73-pin connector
- V155 Tank filler flap locking motor

132 Earth connection 3, in engine compartment wiring harness

167 Earth connection 4, in engine compartment wiring harness

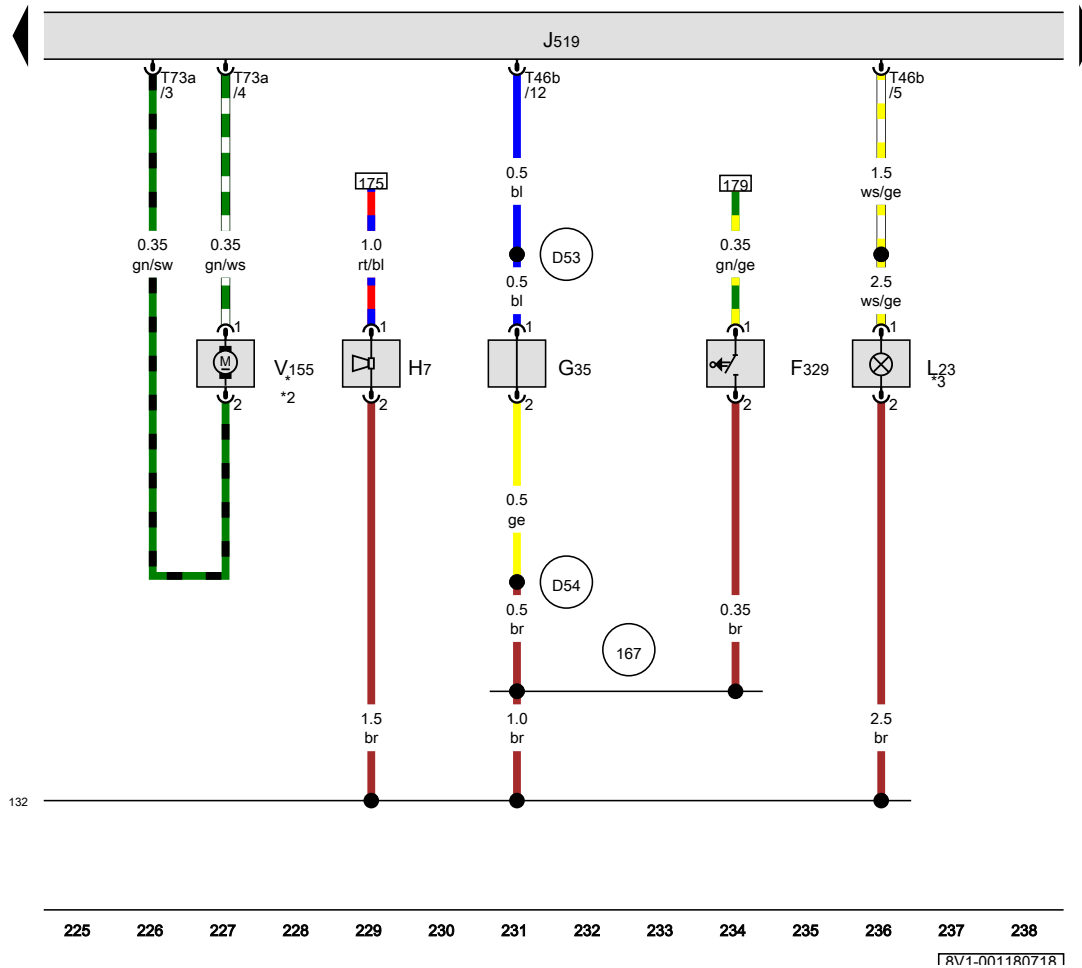
D53 Connection (right brake wear indicator), in engine compartment wiring harness

D54 Connection (right brake wear indicator), in engine compartment wiring harness

* For models with no hybrid drive system

*2 see applicable current flow diagram for high-voltage system

*3 For models with fog lights



- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

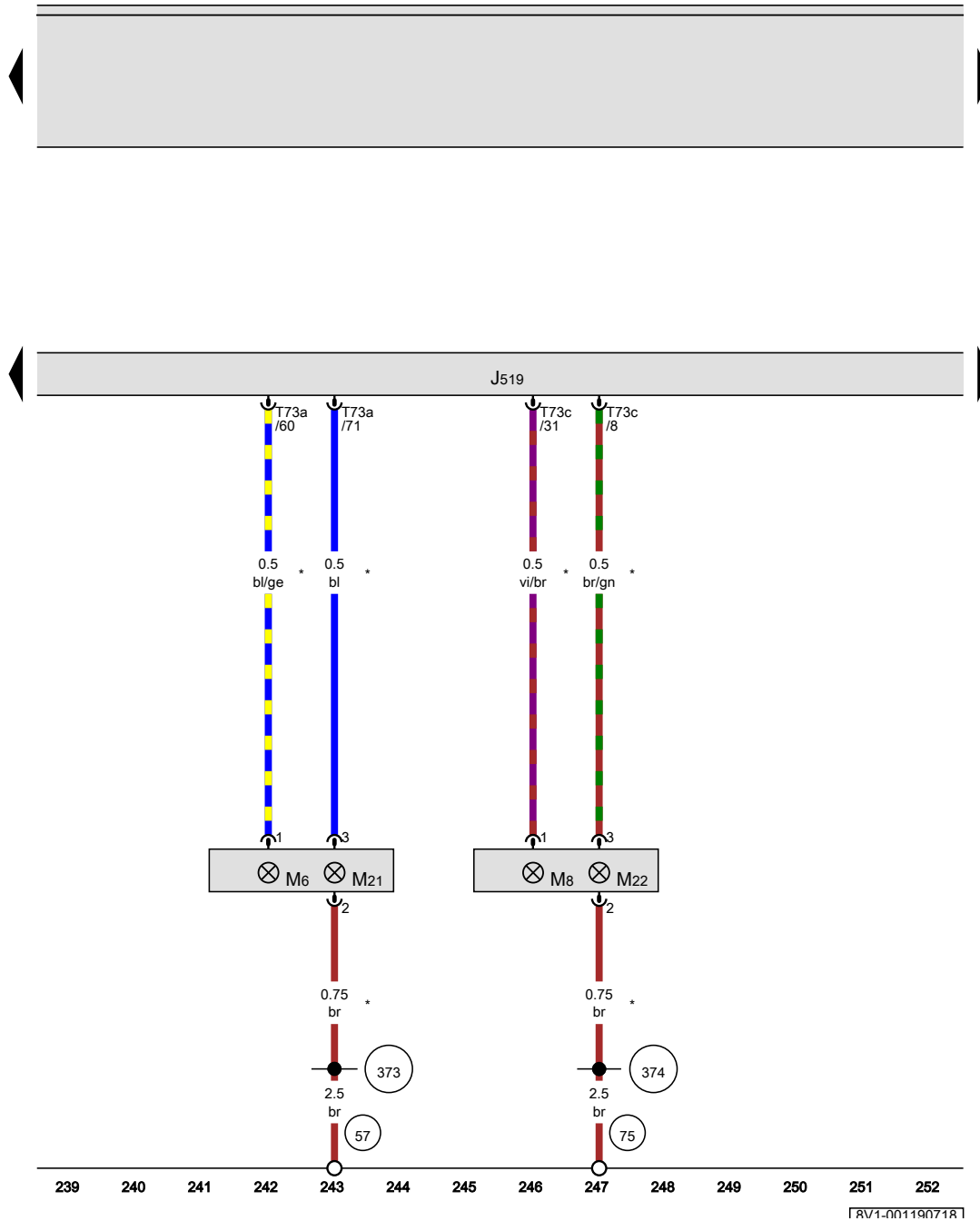
18V1-0011807181

Onboard supply control unit, Rear left turn signal bulb, Rear right turn signal bulb, Left brake and tail light bulb, Right brake and tail light bulb

- J519 Onboard supply control unit
- M6 Rear left turn signal bulb
- M8 Rear right turn signal bulb
- M21 Left brake and tail light bulb
- M22 Right brake and tail light bulb
- T73a 73-pin connector
- T73c 73-pin connector

- 57 Earth point, rear left pillar
- 75 Earth point, rear right pillar
- 373 Earth connection 8, in main wiring harness
- 374 Earth connection 9, in main wiring harness
- * For models with 3 doors

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



[8V1-001190718]

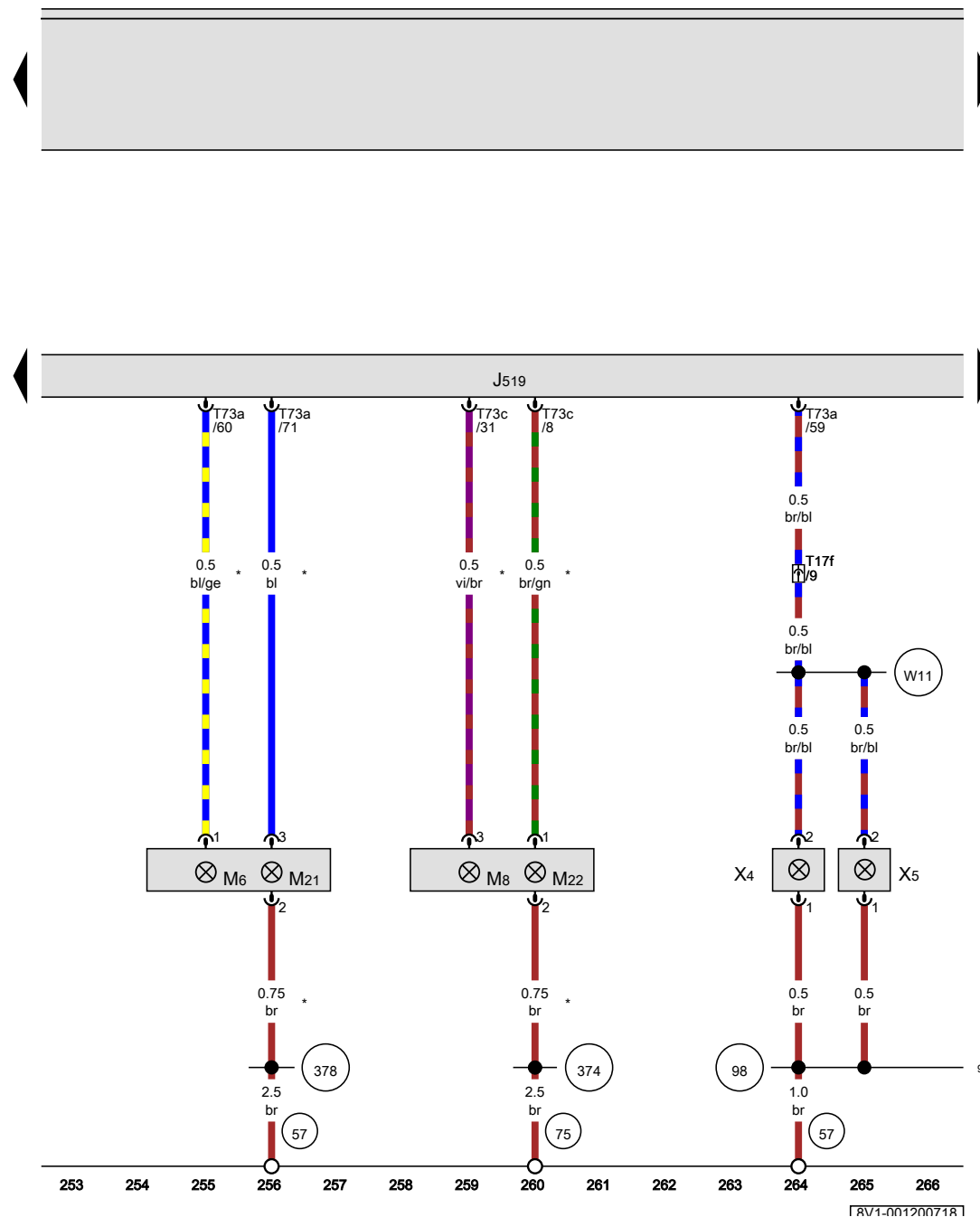
Onboard supply control unit, Rear left turn signal bulb, Rear right turn signal bulb, Left brake and tail light bulb, Right brake and tail light bulb

- J519 Onboard supply control unit
- M6 Rear left turn signal bulb
- M8 Rear right turn signal bulb
- M21 Left brake and tail light bulb
- M22 Right brake and tail light bulb
- T17f 17-pin connector
- T73a 73-pin connector
- T73c 73-pin connector
- X4 Left number plate light
- X5 Right number plate light

- 57 Earth point, rear left pillar
- 75 Earth point, rear right pillar
- 98 Earth connection, in rear lid wiring harness
- 374 Earth connection 9, in main wiring harness
- 378 Earth connection 13, in main wiring harness
- W11 Connection (58), in rear lid wiring harness

* For models with 5 doors

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



18V1-0012007181

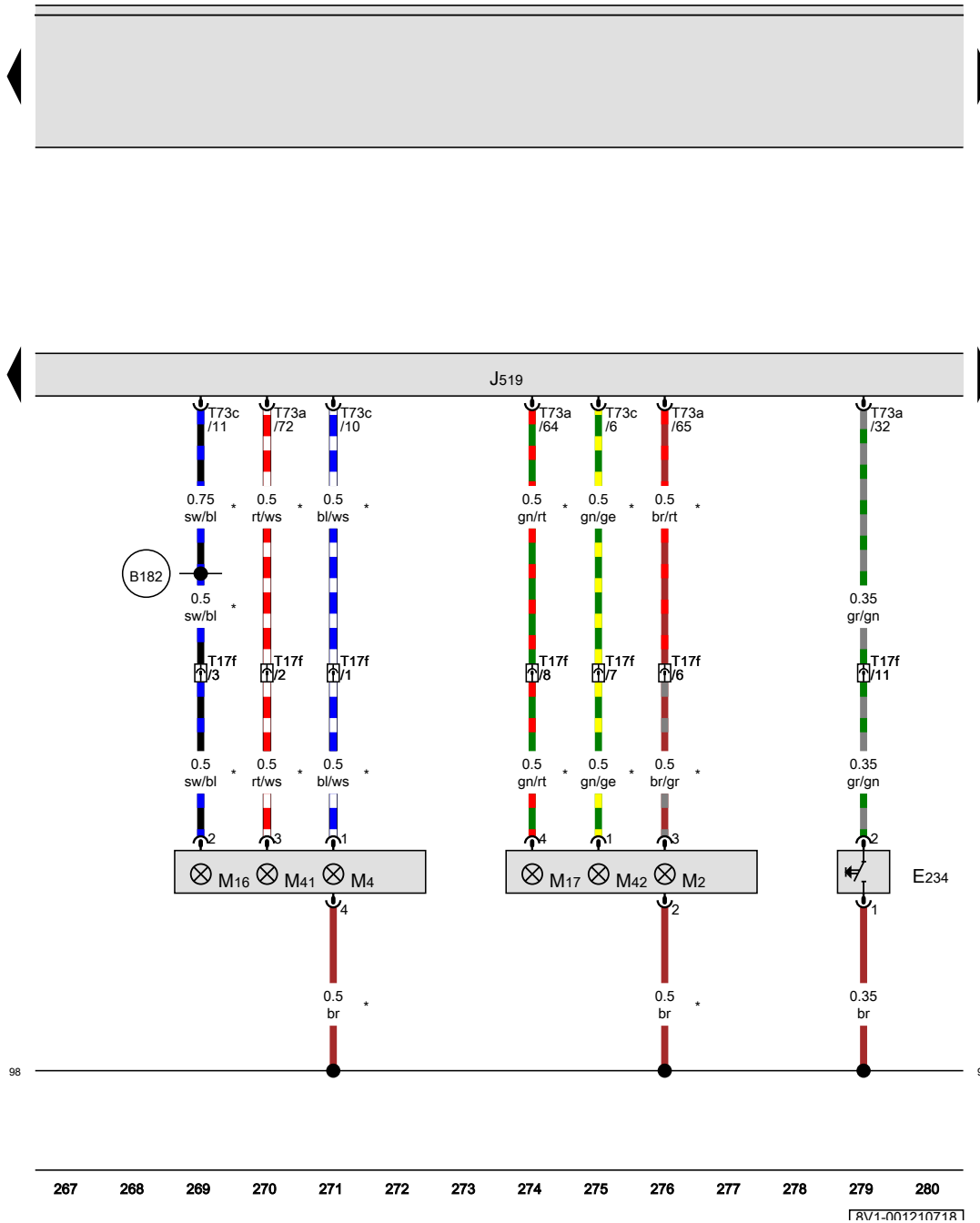
Rear lid handle release button, Onboard supply control unit, Right tail light bulb, Left tail light bulb, Left reversing light bulb, Right reversing light bulb, Left tail light and rear fog light bulb, Right tail light and rear fog light bulb

- E234 Rear lid handle release button
- J519 Onboard supply control unit
- M2 Right tail light bulb
- M4 Left tail light bulb
- M16 Left reversing light bulb
- M17 Right reversing light bulb
- M41 Left tail light and rear fog light bulb
- M42 Right tail light and rear fog light bulb
- T17f 17-pin connector
- T73a 73-pin connector
- T73c 73-pin connector

98 Earth connection, in rear lid wiring harness

B182 Connection (RL), in interior wiring harness

* For models with 5 doors



ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

18V1-0012107181

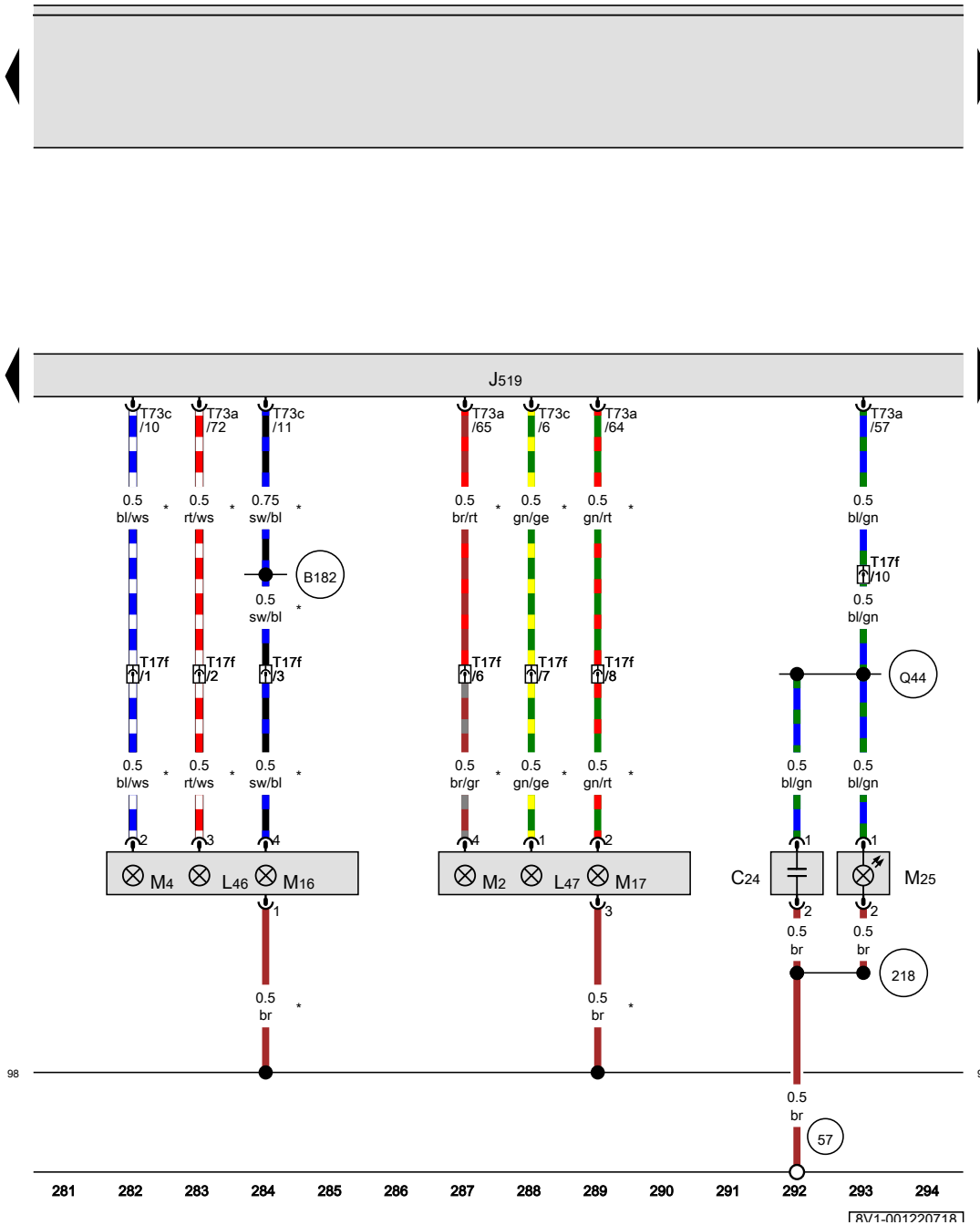
Onboard supply control unit, Rear left fog light bulb, Rear right fog light bulb, Right tail light bulb, Left tail light bulb, Left reversing light bulb, Right reversing light bulb, High-level brake light bulb

- C24 Suppression filter
- J519 Onboard supply control unit
- L46 Rear left fog light bulb
- L47 Rear right fog light bulb
- M2 Right tail light bulb
- M4 Left tail light bulb
- M16 Left reversing light bulb
- M17 Right reversing light bulb
- M25 High-level brake light bulb
- T17f 17-pin connector
- T73a 73-pin connector
- T73c 73-pin connector

- 57 Earth point, rear left pillar
- 98 Earth connection, in rear lid wiring harness
- 218 Earth connection 1, in rear lid wiring harness
- B182 Connection (RL), in interior wiring harness
- Q44 Connection 2, in rear lid wiring harness

* For models with 3 doors

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



Reversing light switch, Onboard supply control unit, Rear window wiper motor, Windscreen and rear window washer pump

- F4 Reversing light switch
- J519 Onboard supply control unit
- T17c 17-pin connector
- T17f 17-pin connector
- T46b 46-pin connector
- T73a 73-pin connector
- V12 Rear window wiper motor
- V59 Windscreen and rear window washer pump

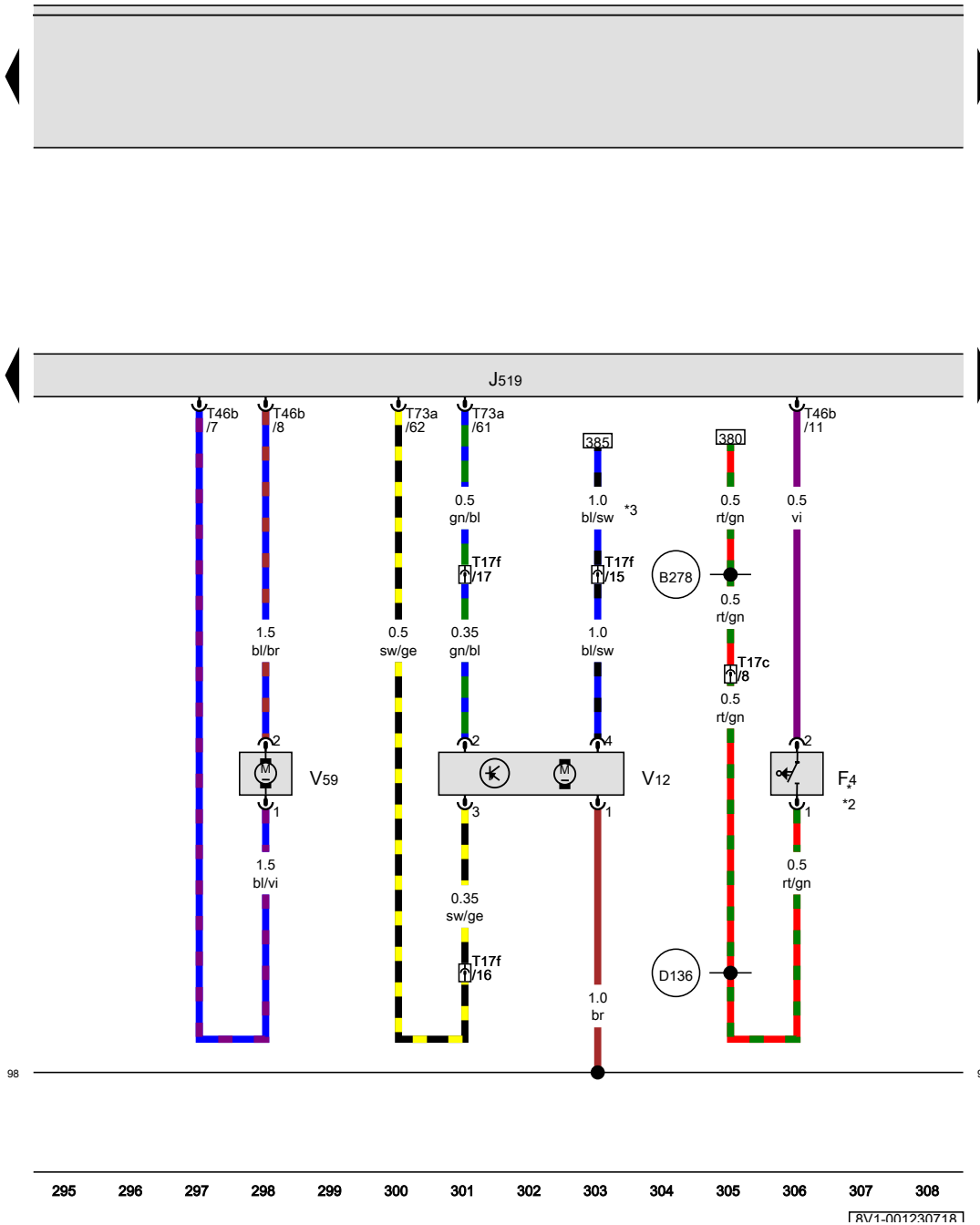
98 Earth connection, in rear lid wiring harness

B278 Positive connection 2 (15a) in main wiring harness

D136 Positive connection 2 (15a), in engine compartment wiring harness

- * For models with manual gearbox
- *2 For models with no hybrid drive system
- *3 Wiring colour depends on equipment

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



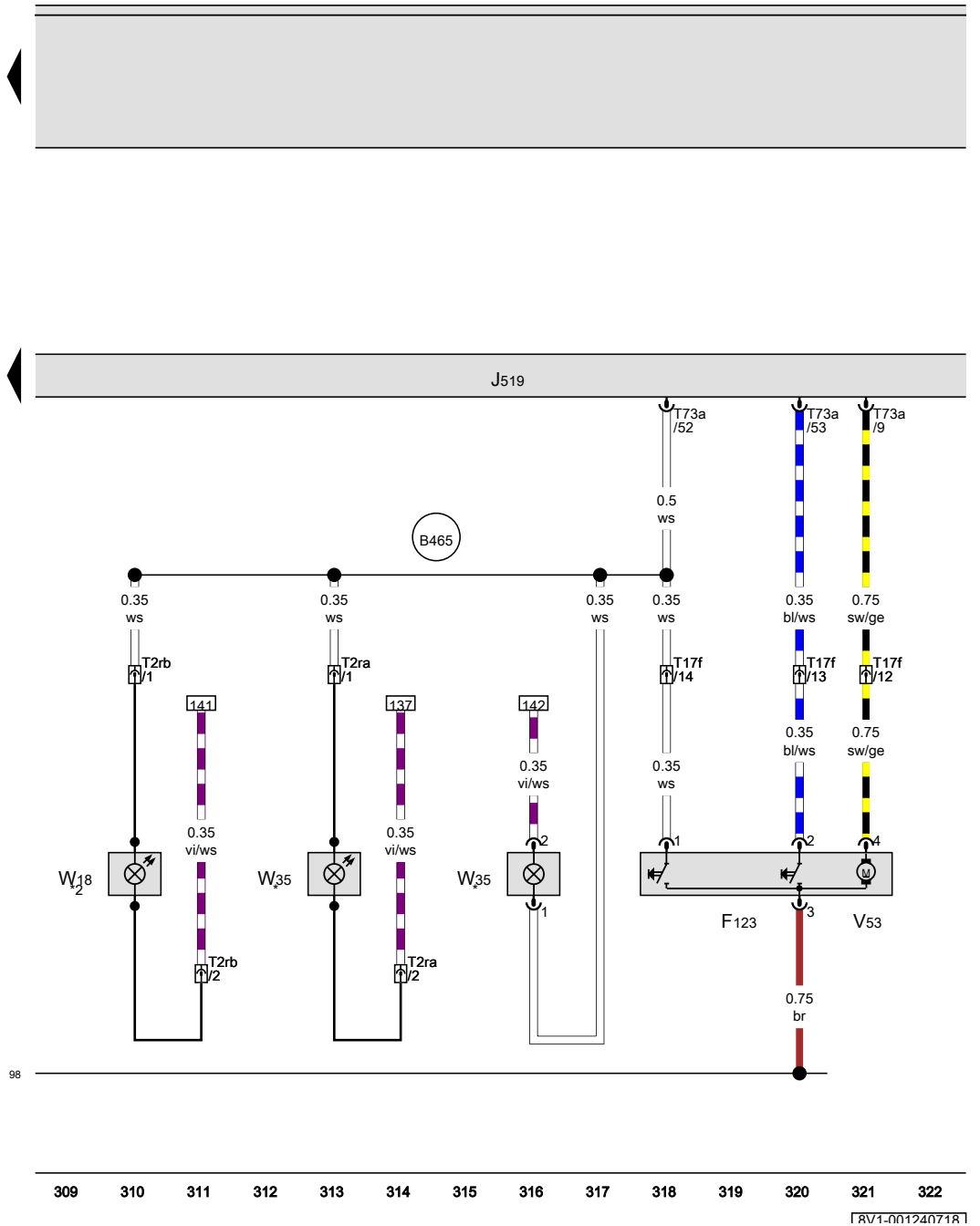
Rear lid contact switch for anti-theft alarm, Onboard supply control unit, Rear lid central locking motor

- F123 Rear lid contact switch for anti-theft alarm
- J519 Onboard supply control unit
- T2ra 2-pin connector
- T2rb 2-pin connector
- T17f 17-pin connector
- T73a 73-pin connector
- V53 Rear lid central locking motor
- W18 Left luggage compartment light
- W35 Right luggage compartment light

98 Earth connection, in rear lid wiring harness

B465 Connection 1, in main wiring harness

- * According to equipment
- *2 If fitted



- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

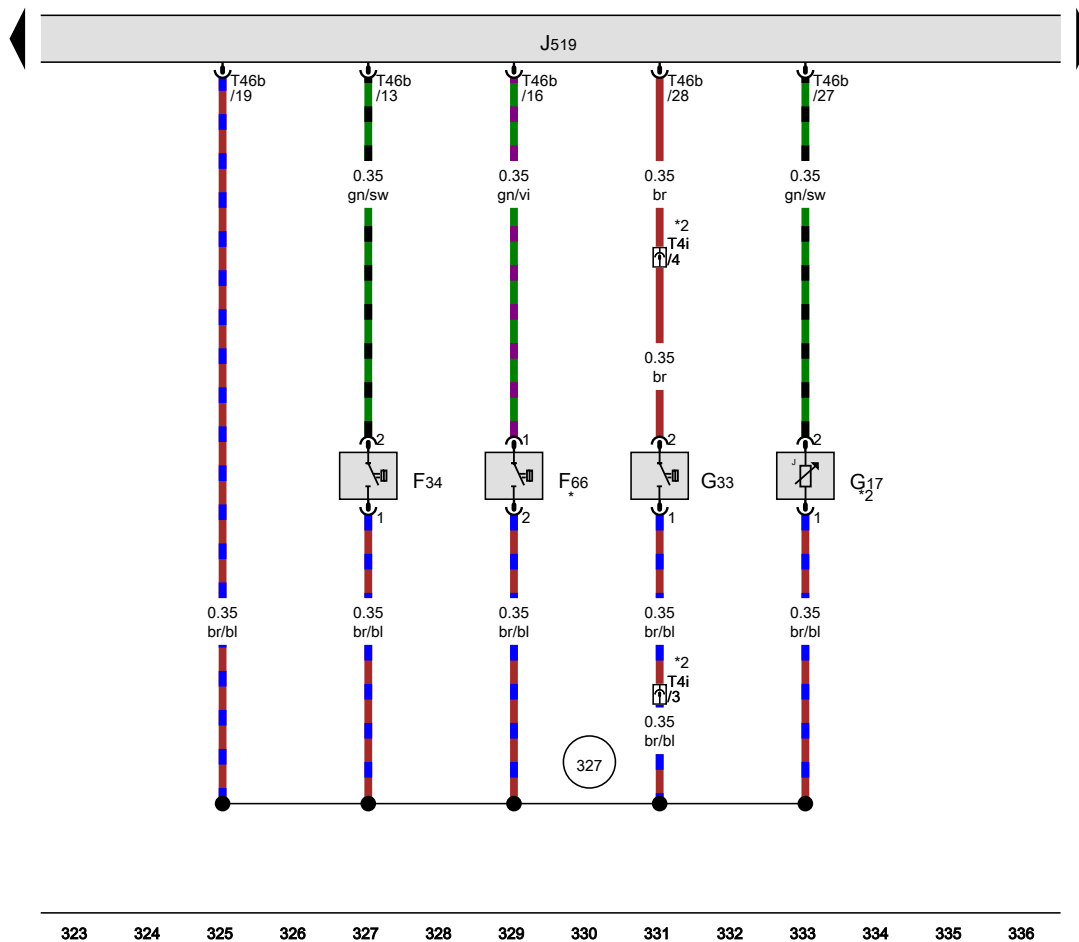
Brake fluid level warning contact, Coolant shortage indicator switch, Ambient temperature sensor, Windscreen washer fluid level sender, Onboard supply control unit

- F34 Brake fluid level warning contact
- F66 Coolant shortage indicator switch
- G17 Ambient temperature sensor
- G33 Windscreen washer fluid level sender
- J519 Onboard supply control unit
- T4i 4-pin connector
- T46b 46-pin connector

327 Earth connection (sender earth), in engine compartment wiring harness

* For models with no hybrid drive system

*2 According to equipment



- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

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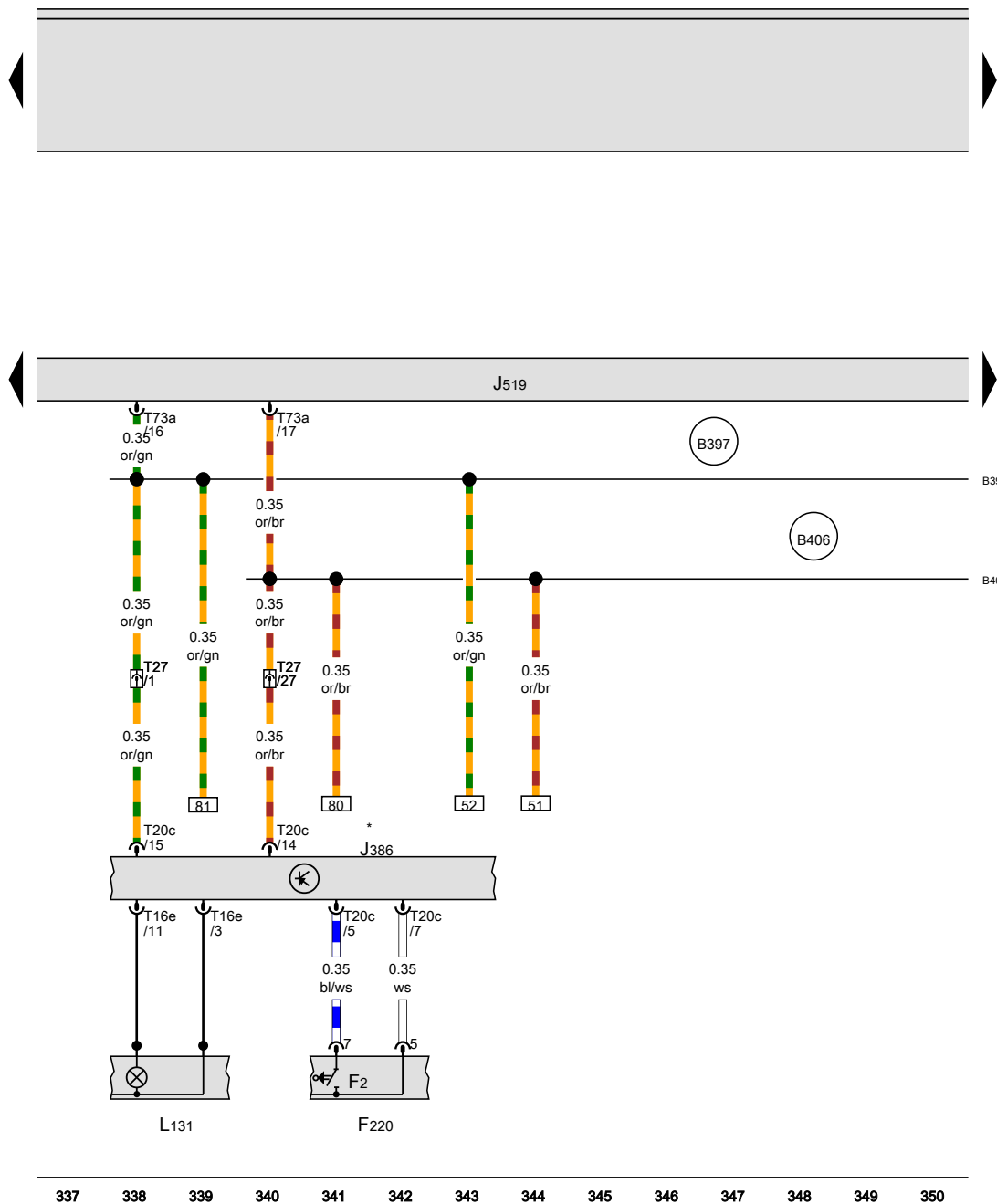
Driver side central locking lock unit, Driver door control unit, Onboard supply control unit, Driver side turn signal repeater bulb

- F2 Driver door contact switch
- F220 Driver side central locking lock unit
- J386 Driver door control unit
- J519 Onboard supply control unit
- L131 Driver side turn signal repeater bulb
- T16e 16-pin connector
- T20c 20-pin connector
- T27 27-pin connector, on left A-pillar
- T73a 73-pin connector

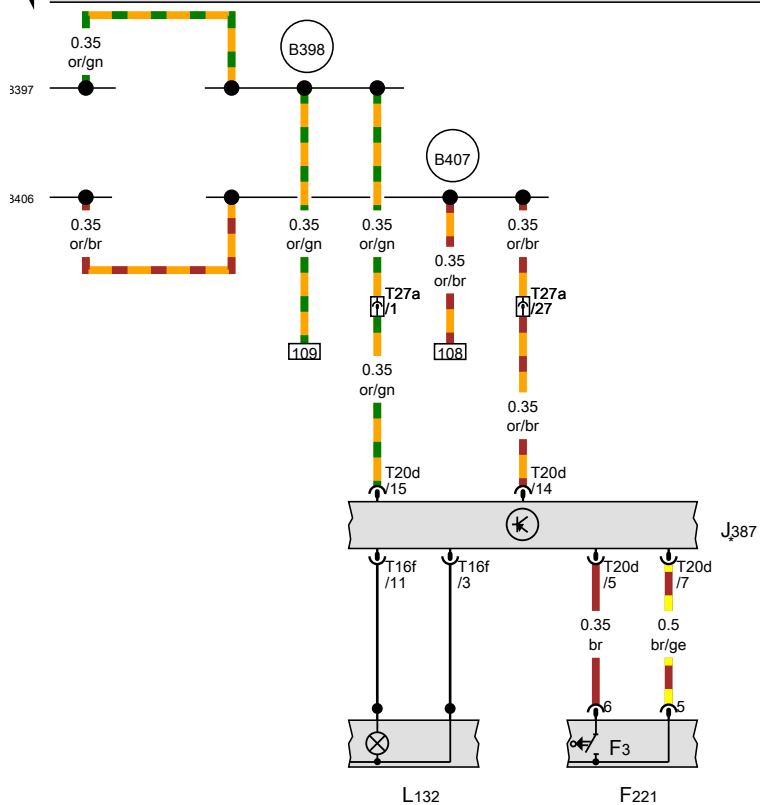
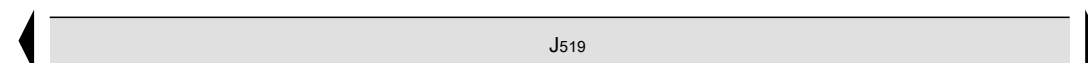
B397 Connection 1 (convenience CAN bus, high), in main wiring harness

B406 Connection 1 (convenience CAN bus, low), in main wiring harness

* see applicable current flow diagram for convenience system



- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



351 352 353 354 355 356 357 358 359 360 361 362 363 364

[8V1-001270718]

Front passenger side central locking lock unit, Front passenger door control unit, Onboard supply control unit, Front passenger side turn signal repeater bulb

- F3 Front passenger door contact switch
- F221 Front passenger side central locking lock unit
- J387 Front passenger door control unit
- J519 Onboard supply control unit
- L132 Front passenger side turn signal repeater bulb
- T16f 16-pin connector
- T20d 20-pin connector
- T27a 27-pin connector, in right A-pillar, on right A-pillar
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness
- * see applicable current flow diagram for convenience system

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

Heated rear window relay, Onboard supply control unit,
Fuse holder C, Heated rear window

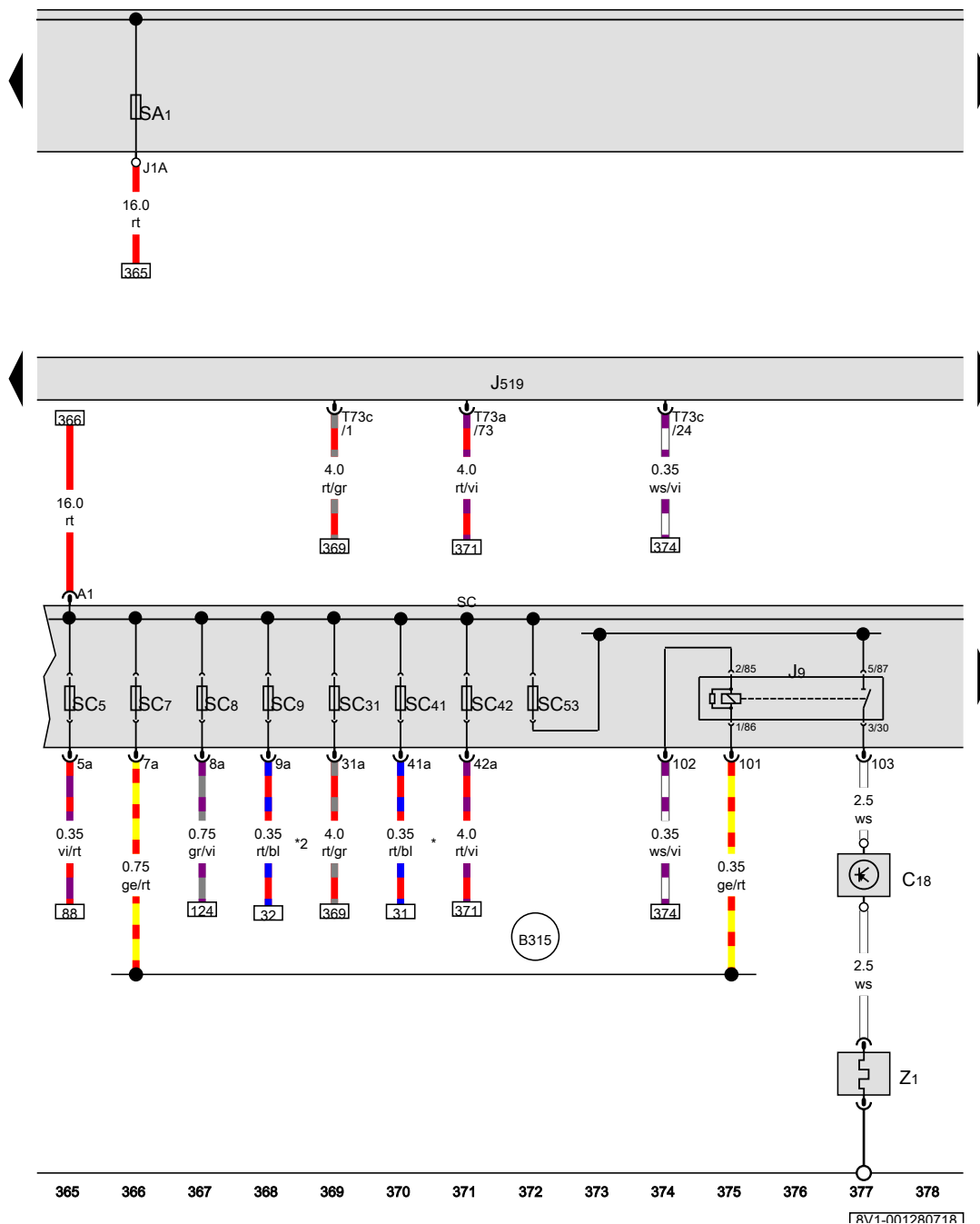
- C18 Window aerial suppression filter
- J9 Heated rear window relay
- J519 Onboard supply control unit
- SA1 Fuse 1 on fuse holder A
- SC Fuse holder C
- SC5 Fuse 5 on fuse holder C
- SC7 Fuse 7 on fuse holder C
- SC8 Fuse 8 on fuse holder C
- SC9 Fuse 9 on fuse holder C
- SC31 Fuse 31 on fuse holder C
- SC41 Fuse 41 on fuse holder C
- SC42 Fuse 42 on fuse holder C
- SC53 Fuse 53 on fuse holder C
- T73a 73-pin connector
- T73c 73-pin connector
- Z1 Heated rear window

B315 Positive connection 1 (30a) in main wiring harness

* Up to April 2013

*2 From May 2013

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

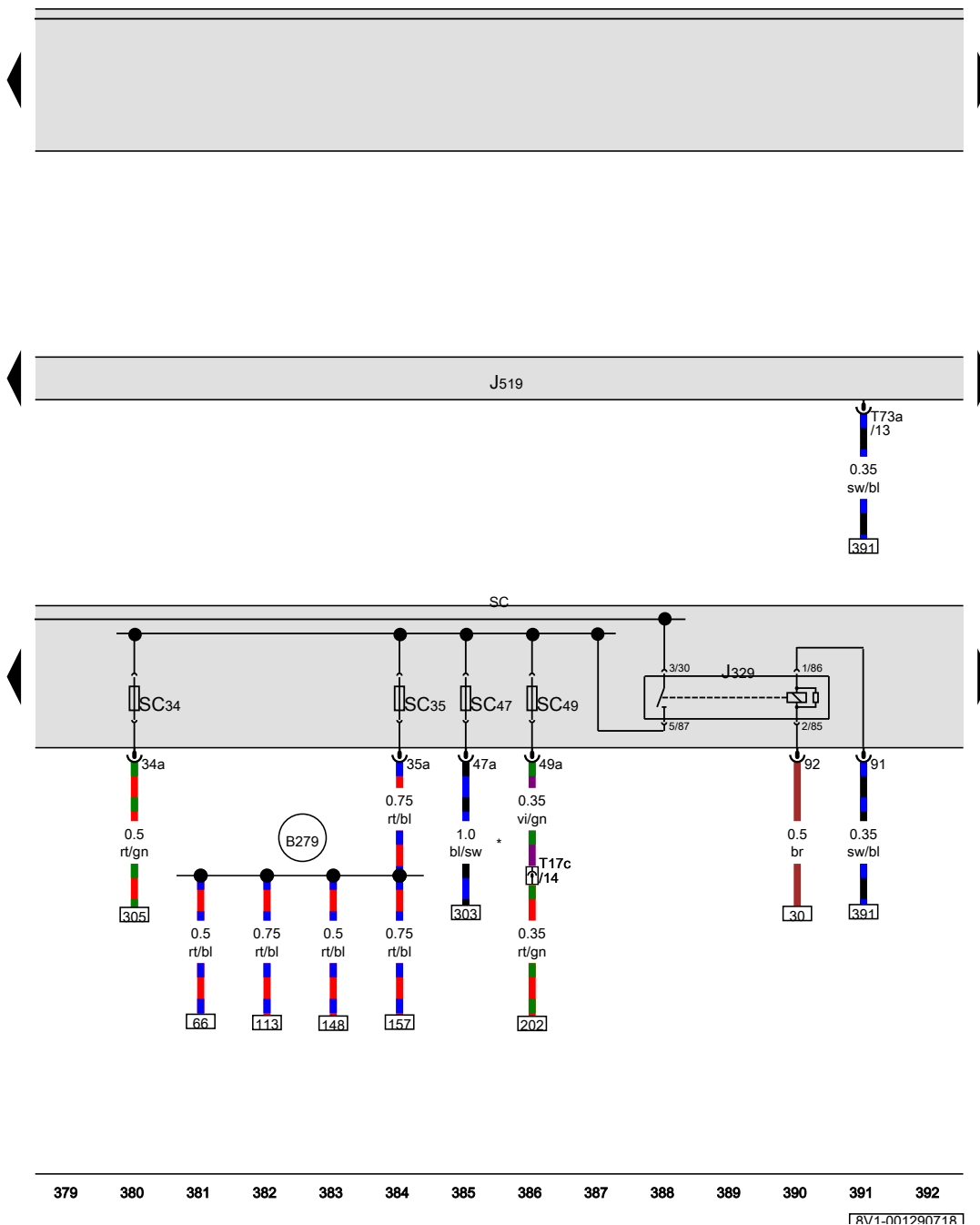


Terminal 15 voltage supply relay, Onboard supply control unit, Fuse holder C

- J329 Terminal 15 voltage supply relay
- J519 Onboard supply control unit
- SC Fuse holder C
- SC34 Fuse 34 on fuse holder C
- SC35 Fuse 35 on fuse holder C
- SC47 Fuse 47 on fuse holder C
- SC49 Fuse 49 on fuse holder C
- T17c 17-pin connector
- T73a 73-pin connector

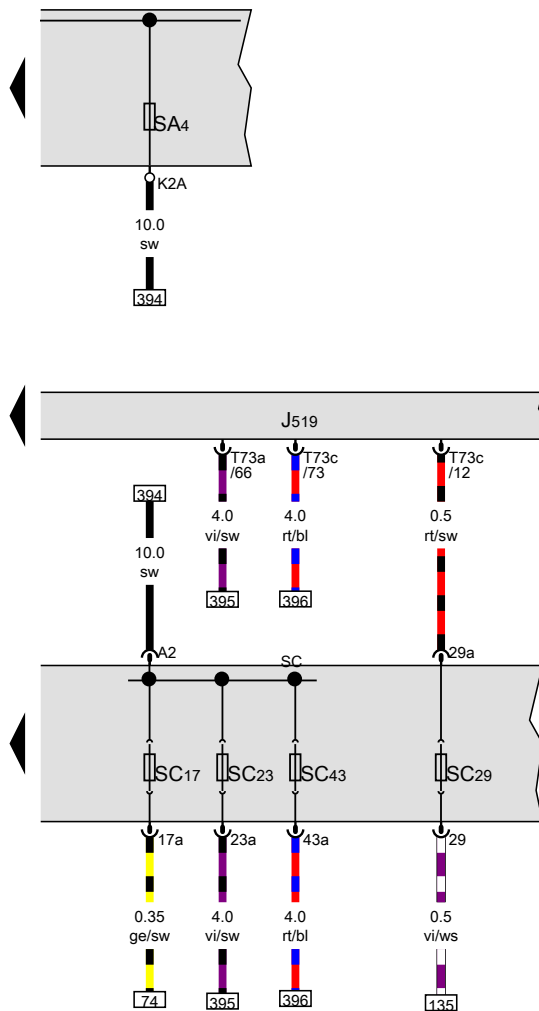
(B279) Positive connection 3 (15a) in main wiring harness

* Wiring colour depends on equipment



Onboard supply control unit, Fuse holder C

- J519 Onboard supply control unit
- SA4 Fuse 4 on fuse holder A
- SC Fuse holder C
- SC17 Fuse 17 on fuse holder C
- SC23 Fuse 23 on fuse holder C
- SC29 Fuse 29 on fuse holder C
- SC43 Fuse 43 on fuse holder C
- T73a 73-pin connector
- T73c 73-pin connector



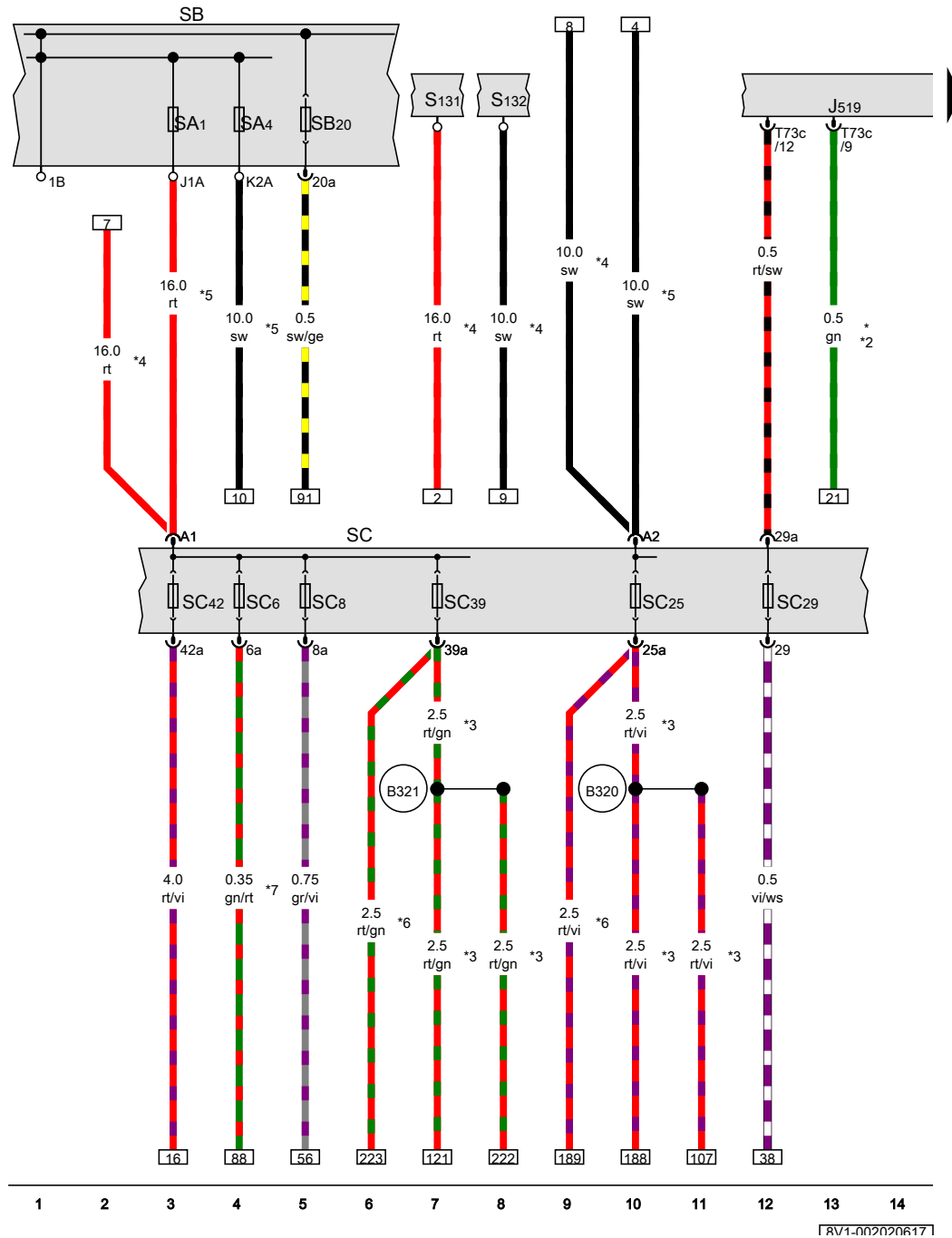
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- rs = pink

393 394 395 396 397 398 399 400 401 402 403 404 405 406

[RV1-001300718]

Convenience system, left-hand drive , (L0L)

From March 2012



Fuse holder C

- J519 Onboard supply control unit
- SA1 Fuse 1 on fuse holder A
- SA4 Fuse 4 on fuse holder A
- SB Fuse holder B
- SC Fuse holder C
- SC6 Fuse 6 on fuse holder C
- SC8 Fuse 8 on fuse holder C
- SB20 Fuse 20 on fuse holder B
- SC25 Fuse 25 on fuse holder C
- SC29 Fuse 29 on fuse holder C
- SC39 Fuse 39 on fuse holder C
- SC42 Fuse 42 on fuse holder C
- S131 Fuse 1
- S132 Fuse 2
- T73c 73-pin connector

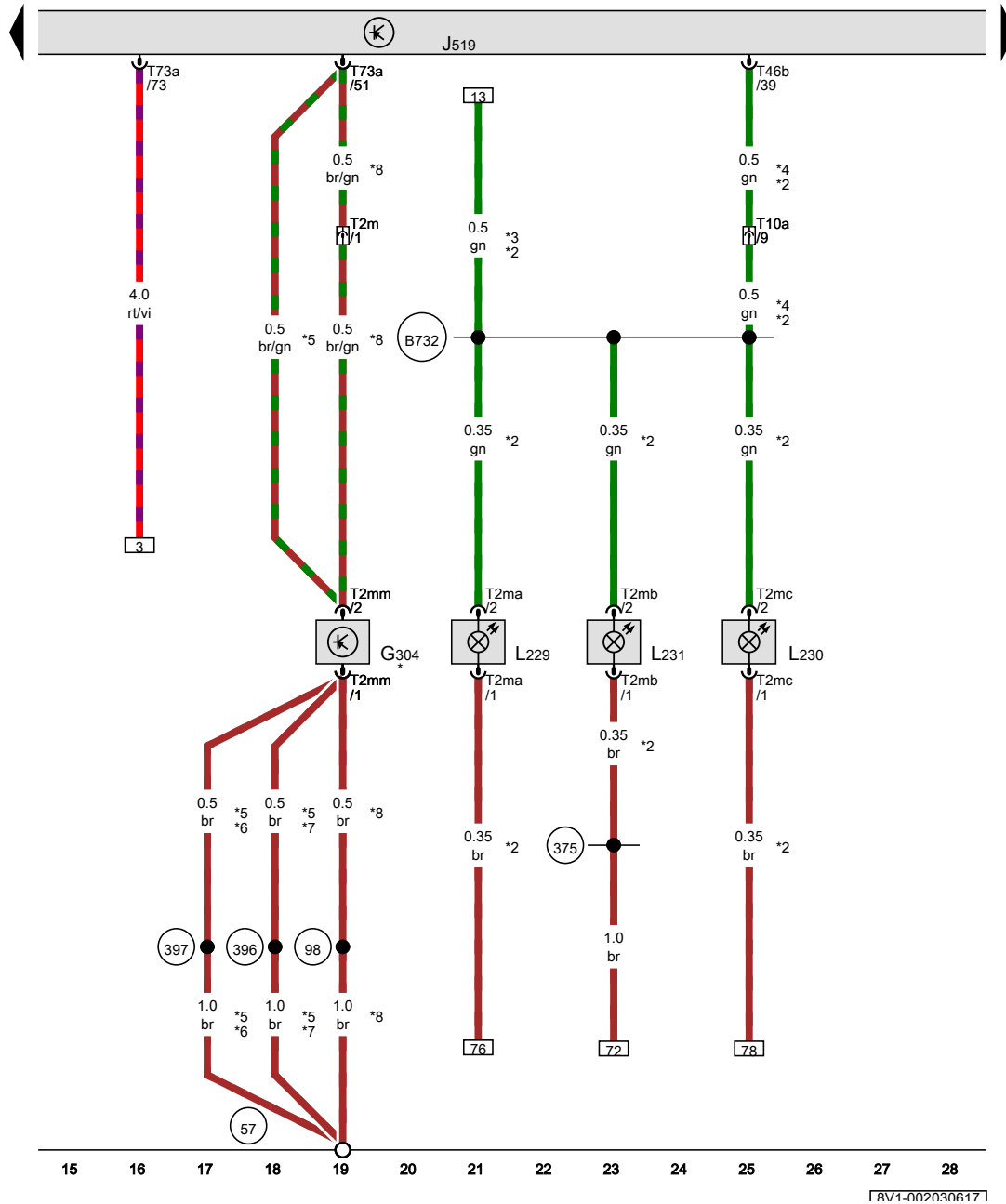
B320 Positive connection 6 (30a) in main wiring harness

B321 Positive connection 7 (30a) in main wiring harness

- * For models with no automatic headlight range control
- *2 Up to April 2016
- *3 For models with 5 doors
- *4 For RS 3 models
- *5 Not for RS 3 models
- *6 For models with 3 doors
- *7 Up to April 2015

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 br = brown
 gn = green
 bl = blue
 gr = grey
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 vi = purple
 ge = yellow
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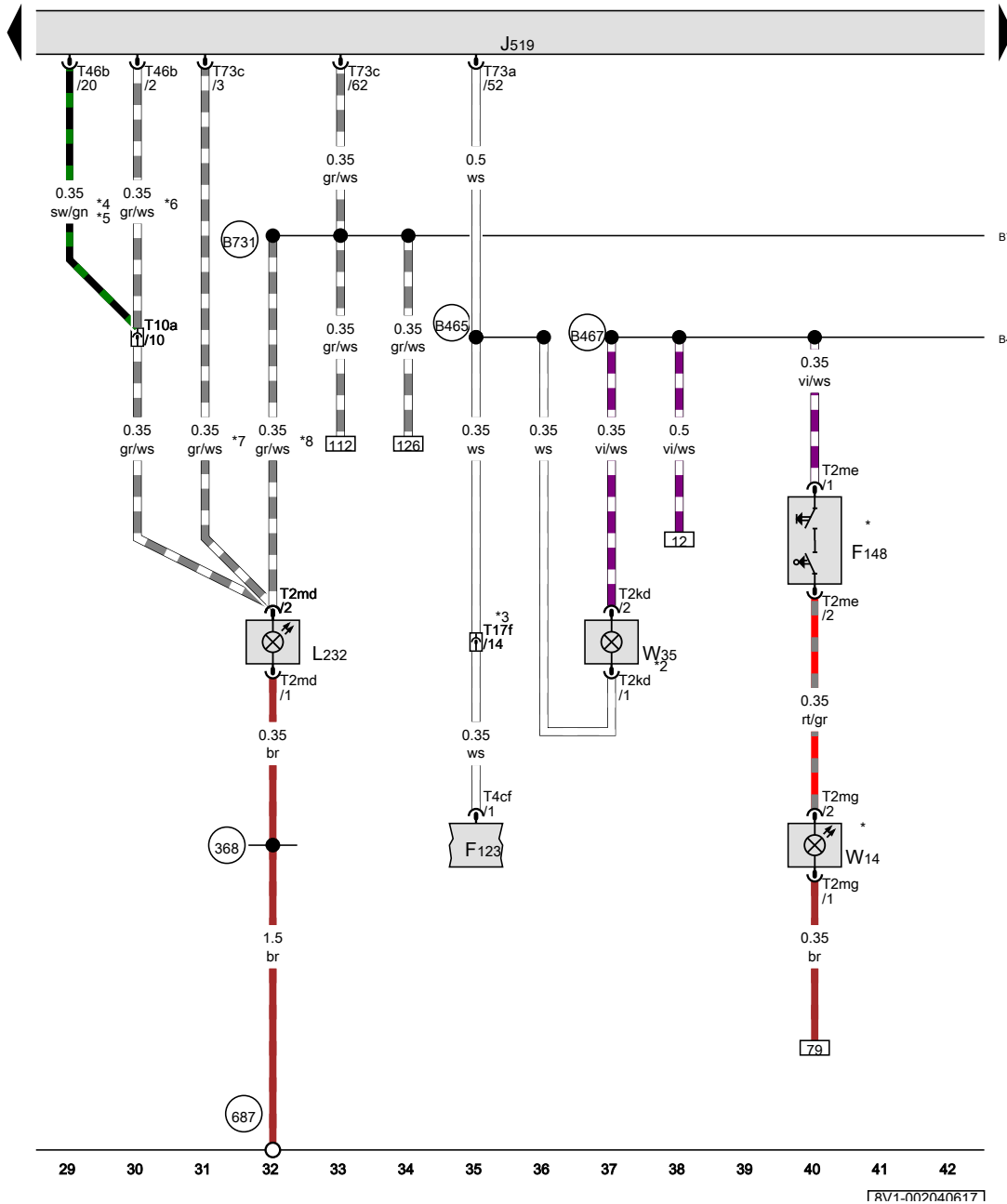
Glass breakage sensor for rear window, Light for left dashboard ambient lighting, Light for right dashboard ambient lighting, Light for centre dashboard ambient lighting

- G304 Glass breakage sensor for rear window
- J519 Onboard supply control unit
- L229 Light for left dashboard ambient lighting
- L230 Light for right dashboard ambient lighting
- L231 Light for centre dashboard ambient lighting
- T2m 2-pin connector
- T2ma 2-pin connector
- T2mb 2-pin connector
- T2mc 2-pin connector
- T2mm 2-pin connector
- T10a 10-pin connector, white
- T46b 46-pin connector
- T73a 73-pin connector

- 57 Earth point, rear left pillar
- 98 Earth connection, in rear lid wiring harness
- 375 Earth connection 10, in main wiring harness
- 396 Earth connection 31, in main wiring harness
- 397 Earth connection 32, in main wiring harness
- B732 Connection 2 (58s), in main wiring harness

- * For models with anti-theft alarm system
- *2 Up to April 2016
- *3 For models with no automatic headlight range control
- *4 For models with automatic headlight range control
- *5 From November 2014
- *6 For models with 5 doors
- *7 For models with 3 doors
- *8 Up to October 2014

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- gn = green
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- vi = purple
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- or = orange
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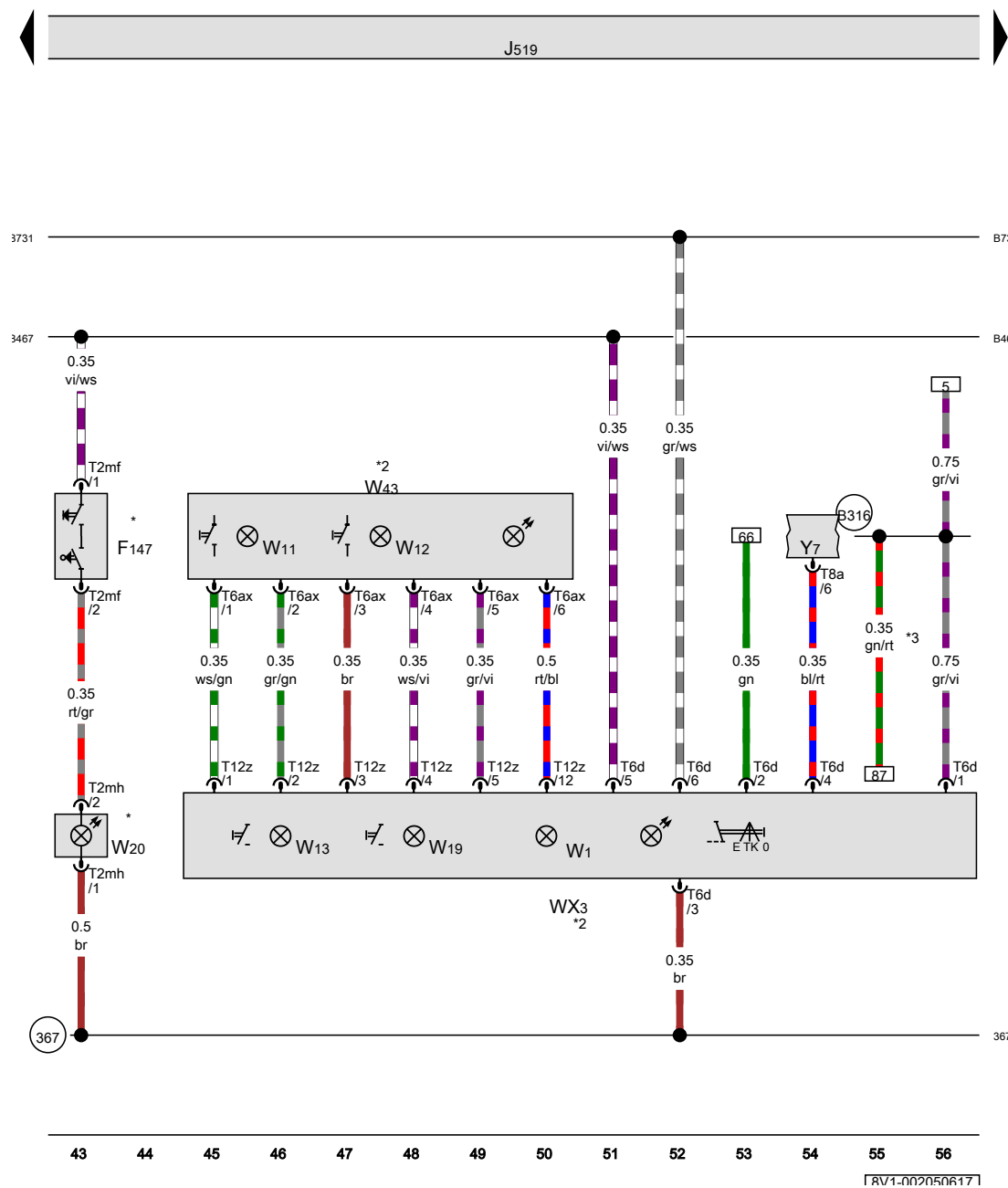
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Front passenger vanity mirror contact switch, Light for cup holder ambient lighting, Right luggage compartment light

- F123 Rear lid contact switch for anti-theft alarm
- F148 Front passenger vanity mirror contact switch
- J519 Onboard supply control unit
- L232 Light for cup holder ambient lighting
- T2kd 2-pin connector
- T2md 2-pin connector
- T2me 2-pin connector
- T2mg 2-pin connector
- T4cf 4-pin connector
- T10a 10-pin connector, white
- T17f 17-pin connector, black
- T46b 46-pin connector
- T73a 73-pin connector
- T73c 73-pin connector
- W14 Front passenger side illuminated vanity mirror
- W35 Right luggage compartment light

- 368 Earth connection 3, in main wiring harness
- 687 Earth point 1, on centre tunnel
- B465 Connection 1, in main wiring harness
- B467 Connection 3, in main wiring harness
- B731 Connection 1 (58s), in main wiring harness

- * For models with illuminated vanity mirror
- *2 According to equipment
- *3 Up to October 2014
- *4 For models with LED headlights
- *5 From May 2016
- *6 For models with xenon headlights
- *7 For models with halogen headlights
- *8 For models with additional lights



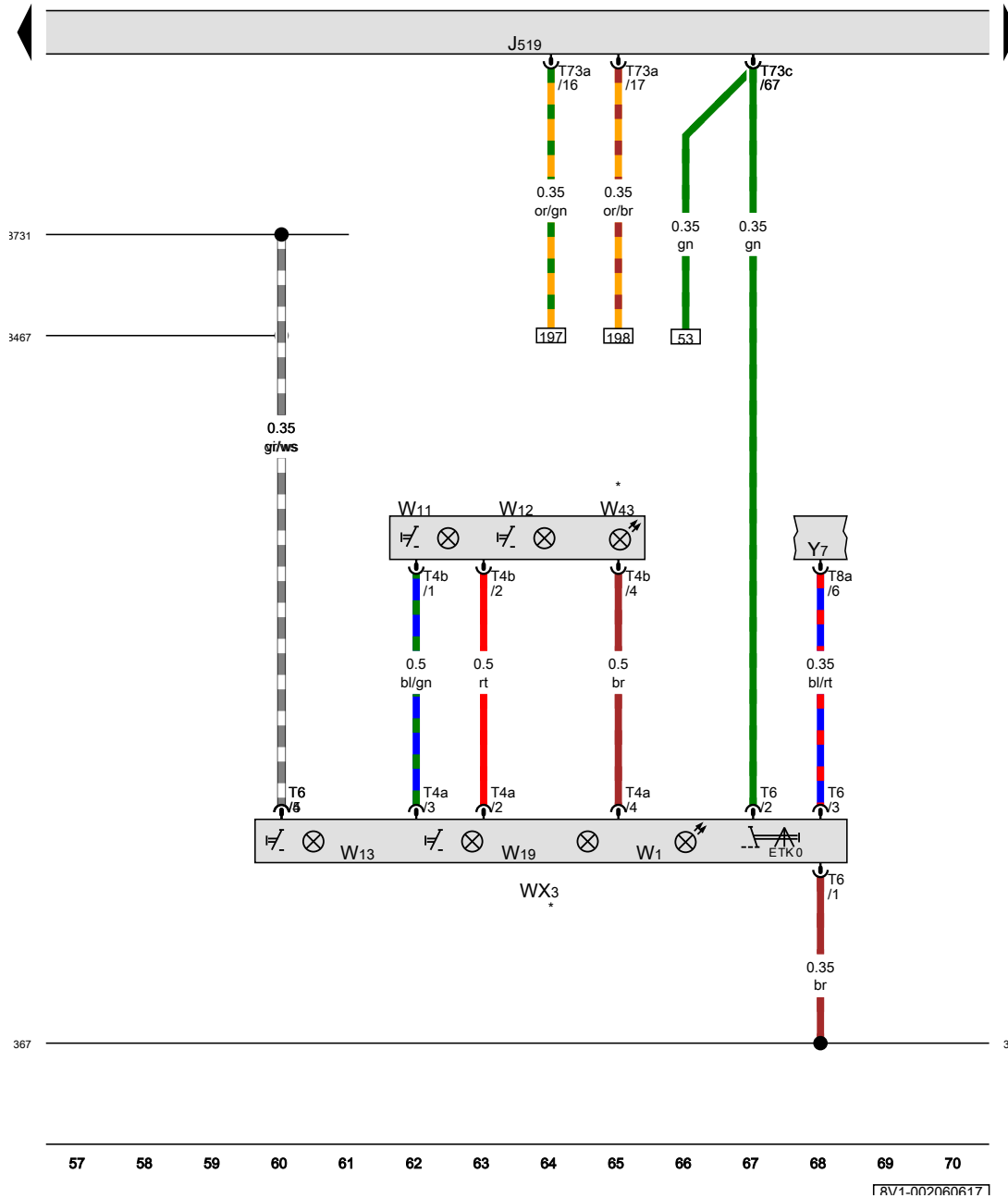
Front roof module, Rear interior light

F147	Driver vanity mirror contact switch
J519	Onboard supply control unit
T2mf	2-pin connector
T2mh	2-pin connector
T6ax	6-pin connector
T6d	6-pin connector
T8a	8-pin connector
T12z	12-pin connector
W1	Front interior light
WX3	Front roof module
W11	Rear left reading light
W12	Rear right reading light
W13	Front passenger reading light
W19	Driver side reading light
W20	Driver side illuminated vanity mirror
W43	Rear interior light
Y7	Automatic anti-dazzle interior mirror

- 367 Earth connection 2, in main wiring harness
- B316 Positive connection 2 (30a) in main wiring harness
- B467 Connection 3, in main wiring harness
- B731 Connection 1 (58s), in main wiring harness

- * For models with illuminated vanity mirror
*2 According to equipment
*3 From May 2015

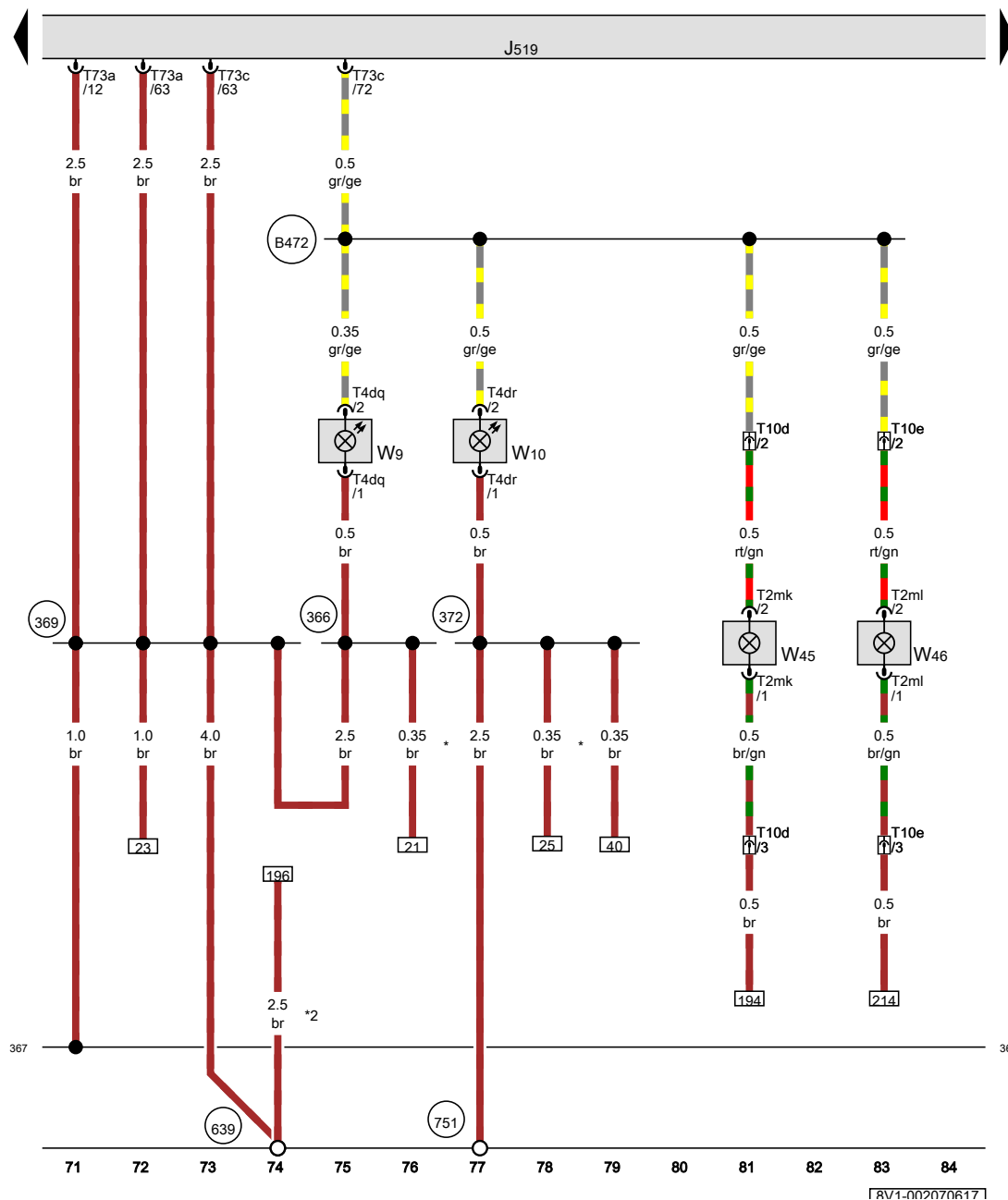
ws = white
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Front roof module, Rear interior light

- J519 Onboard supply control unit
- T4a 4-pin connector
- T4b 4-pin connector
- T6 6-pin connector
- T8a 8-pin connector
- T73a 73-pin connector
- T73c 73-pin connector
- W1 Front interior light
- WX3 Front roof module
- W11 Rear left reading light
- W12 Rear right reading light
- W13 Front passenger reading light
- W19 Driver side reading light
- W43 Rear interior light
- Y7 Automatic anti-dazzle interior mirror
- 367 Earth connection 2, in main wiring harness
- B467 Connection 3, in main wiring harness
- B731 Connection 1 (58s), in main wiring harness
- * According to equipment

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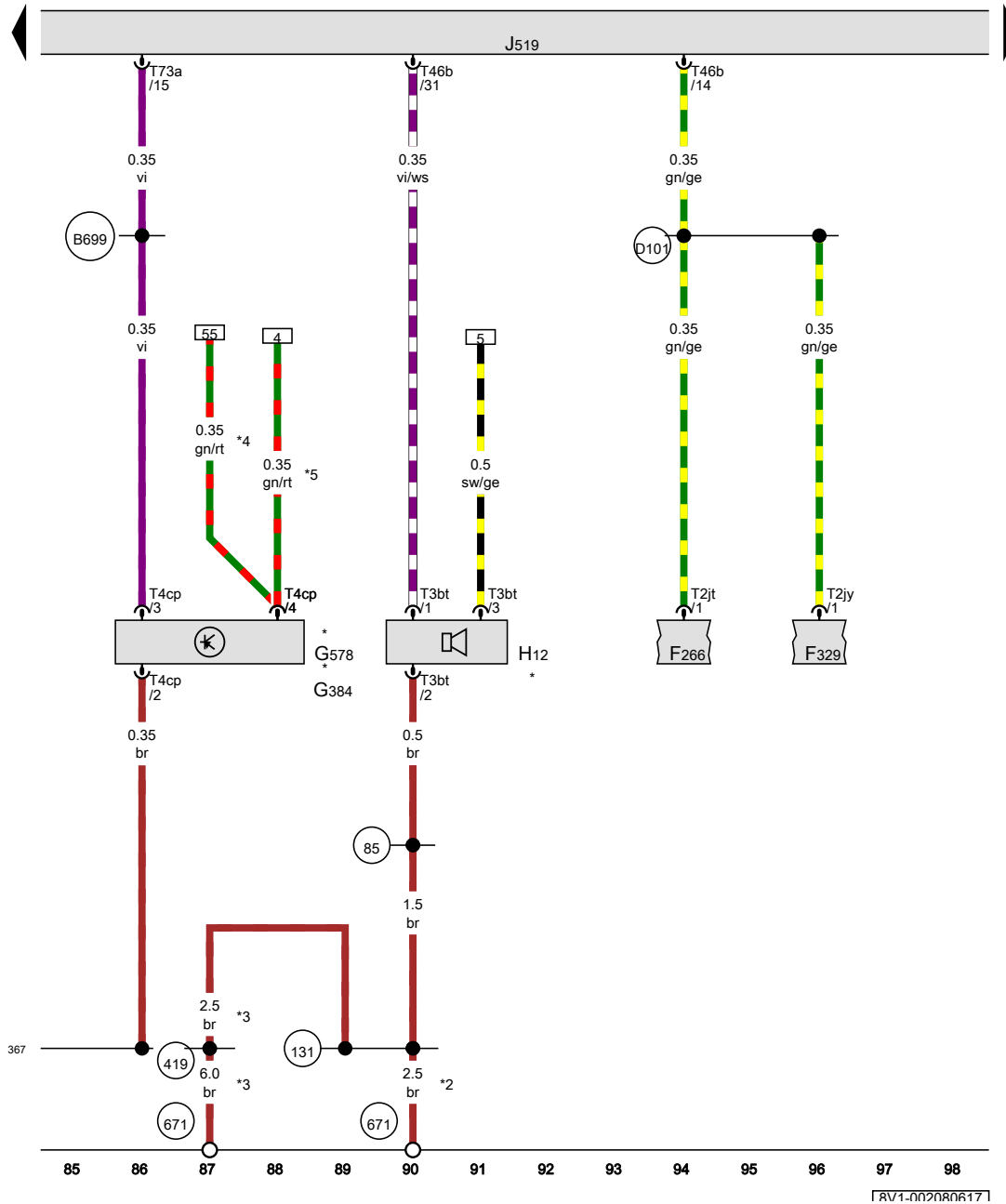


Left footwell light, Right footwell light, Rear left footwell light, Rear right footwell light

- J519 Onboard supply control unit
- T2mk 2-pin connector
- T2ml 2-pin connector
- T4dq 4-pin connector
- T4dr 4-pin connector
- T10d 10-pin connector, in coupling point for front seat, left, red
- T10e 10-pin connector, in coupling point for front seat, right, red
- T73a 73-pin connector
- T73c 73-pin connector
- W9 Left footwell light
- W10 Right footwell light
- W45 Rear left footwell light
- W46 Rear right footwell light

- 366 Earth connection 1, in main wiring harness
- 367 Earth connection 2, in main wiring harness
- 369 Earth connection 4, in main wiring harness
- 372 Earth connection 7, in main wiring harness
- 639 Earth point, left A-pillar
- 751 Earth point 2, on right A-pillar
- B472 Connection 8, in main wiring harness

* Up to April 2016
*2 According to equipment



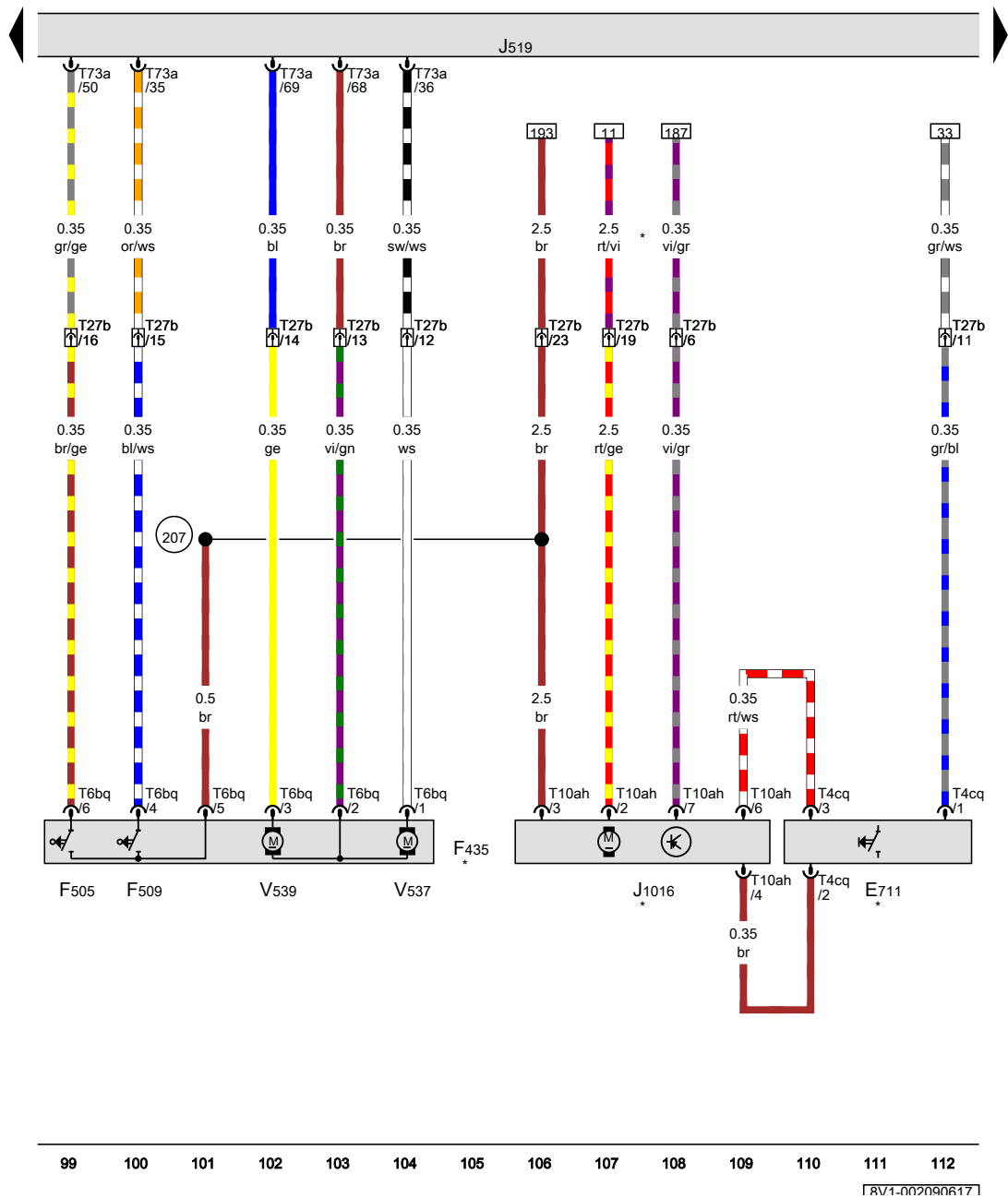
Bonnet contact switch, Bonnet contact switch 2, Vehicle inclination sender, Anti-theft alarm sensor, Alarm horn

- F266 Bonnet contact switch
- F329 Bonnet contact switch 2
- G384 Vehicle inclination sender
- G578 Anti-theft alarm sensor
- H12 Alarm horn
- J519 Onboard supply control unit
- T2jt 2-pin connector
- T2jy 2-pin connector
- T3bt 3-pin connector
- T4cp 4-pin connector
- T46b 46-pin connector
- T73a 73-pin connector

- 85 Earth connection 1, in engine compartment wiring harness
- 131 Earth connection 2, in engine compartment wiring harness
- 367 Earth connection 2, in main wiring harness
- 419 Earth connection 11, in engine compartment wiring harness
- 671 Earth point 1, on front of left longitudinal member
- B699 Connection 4 (LIN bus) in main wiring harness
- D101 Connection 1 in engine compartment wiring harness

- * For models with anti-theft alarm system
- *2 Gradually discontinued
- *3 gradual introduction
- *4 From May 2015
- *5 Up to April 2015

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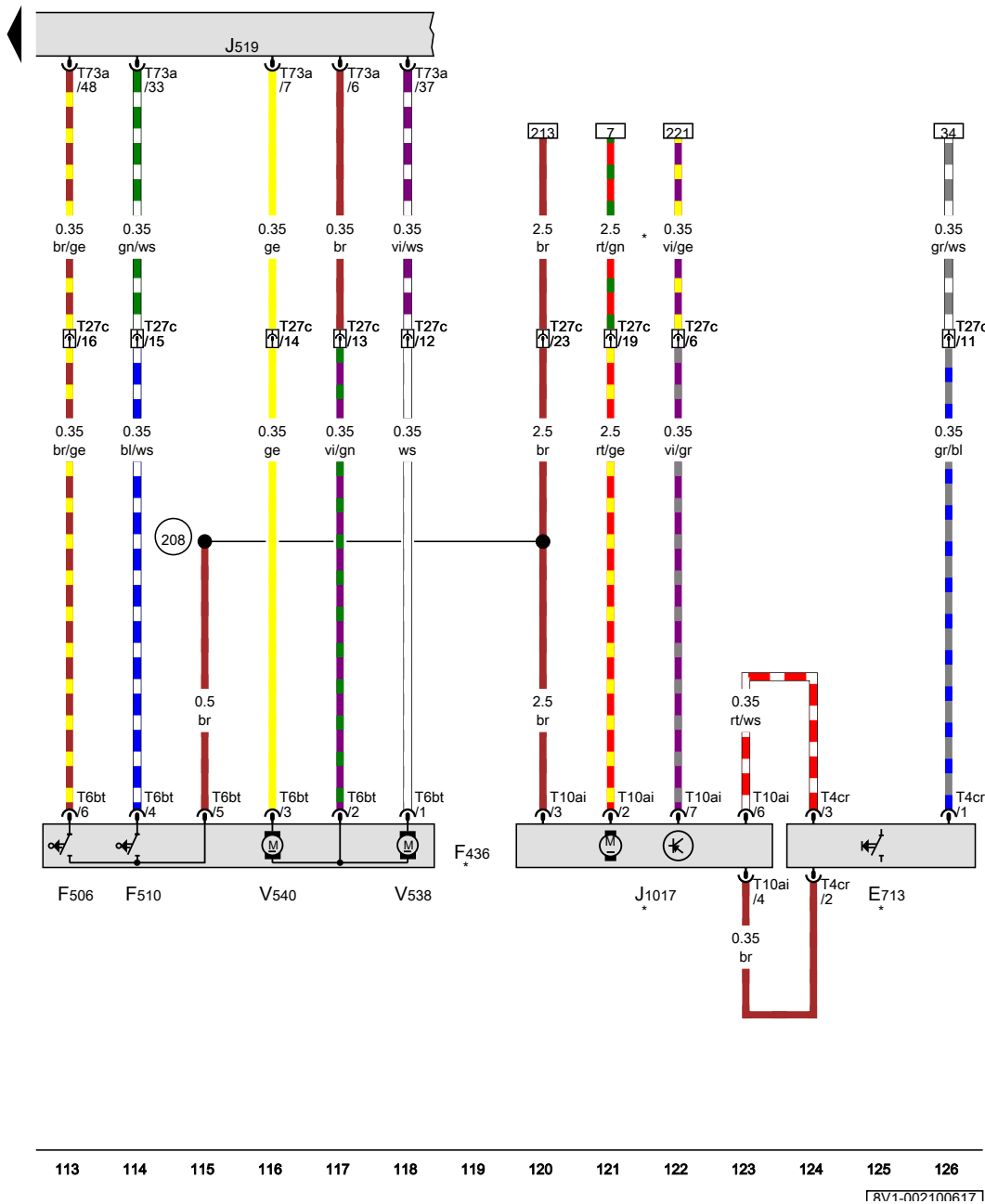


Rear driver side central locking lock unit, Rear door contact switch, driver side, Rear central locking actuator, driver side, Rear central locking SAFELOCK function motor, driver side, Rear central locking motor, driver side

- E711 Rear driver side window regulator button
- F435 Rear driver side central locking lock unit
- F505 Rear door contact switch, driver side
- F509 Rear central locking actuator, driver side
- J519 Onboard supply control unit
- J1016 Control unit with rear driver side window regulator motor
- T4cq 4-pin connector
- T6bq 6-pin connector
- T10ah 10-pin connector
- T27b 27-pin connector, on left B-pillar, black
- T73a 73-pin connector
- V537 Rear central locking SAFELOCK function motor, driver side
- V539 Rear central locking motor, driver side

207 Earth connection, in rear left door wiring harness

* For models with 5 doors



Rear passenger side central locking lock unit, Rear door contact switch, passenger side, Rear central locking actuator, passenger side, Rear central locking SAFELOCK function motor, passenger side, Rear central locking motor, passenger side

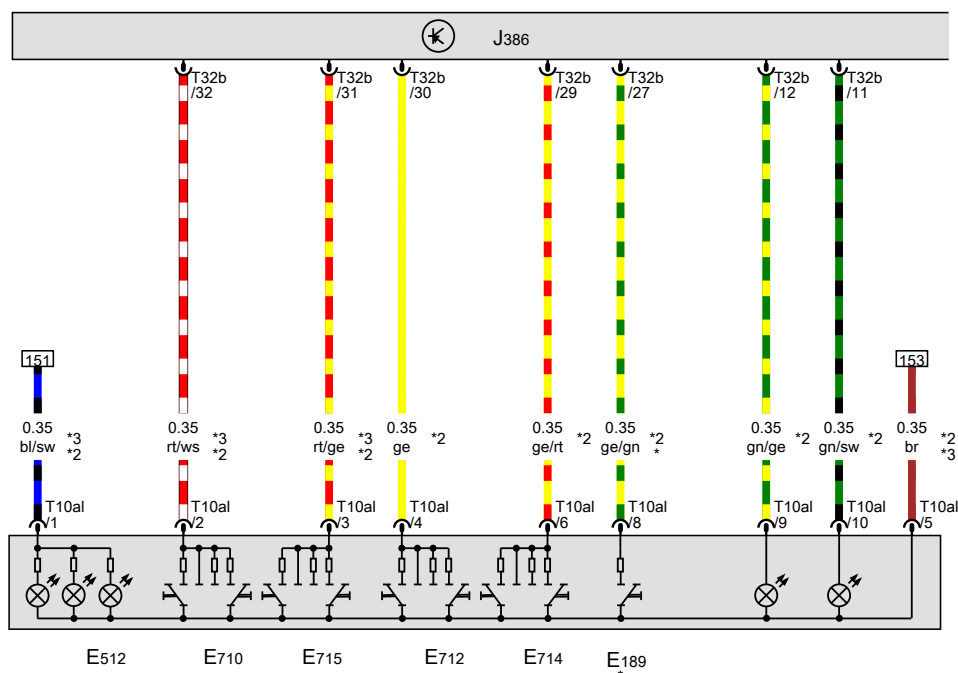
- E713 Rear passenger side window regulator button
- F436 Rear passenger side central locking lock unit
- F506 Rear door contact switch, passenger side
- F510 Rear central locking actuator, passenger side
- J519 Onboard supply control unit
- J1017 Control unit with rear passenger side window regulator motor
- T4cr 4-pin connector
- T6bt 6-pin connector
- T10ai 10-pin connector
- T27c 27-pin connector, on right B-pillar, black
- T73a 73-pin connector
- V538 Rear central locking SAFELOCK function motor, passenger side
- V540 Rear central locking motor, passenger side

208 Earth connection, in rear right door wiring harness

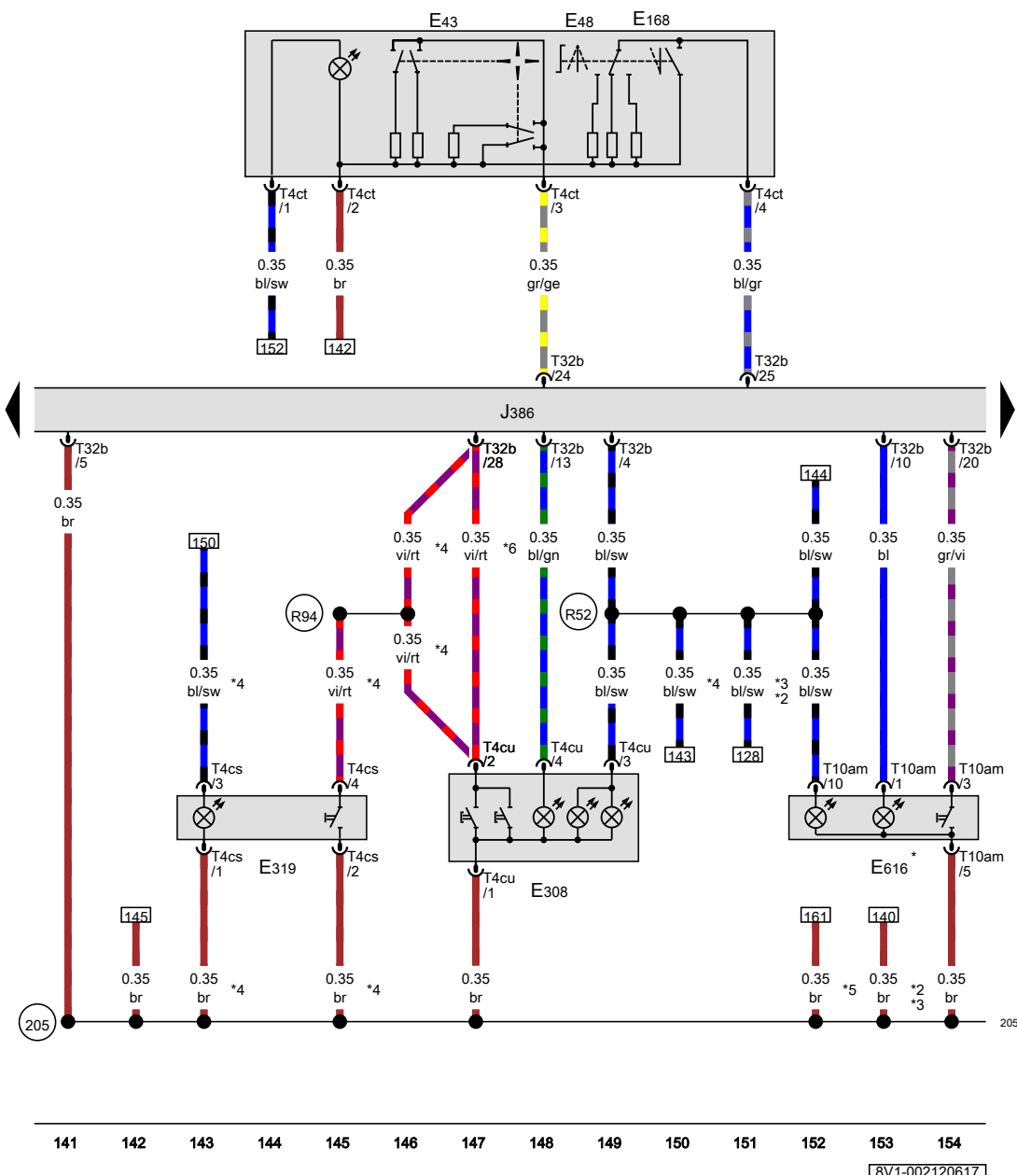
* For models with 5 doors

Central switch for window regulators in driver door,
Operating unit for window regulator in driver door, Front
driver side window regulator button, Rear driver side window
regulator button, in driver door, Rear passenger side
window regulator button, in driver door, Front passenger
side window regulator button, in driver door, Driver door
control unit

- E189 Central switch for window regulators in driver door
- E512 Operating unit for window regulator in driver door
- E710 Front driver side window regulator button
- E712 Rear driver side window regulator button, in driver door
- E714 Rear passenger side window regulator button, in driver door
- E715 Front passenger side window regulator button, in driver door
- J386 Driver door control unit
- T10al 10-pin connector
- T32b 32-pin connector
- * If fitted
- *2 For models with 5 doors
- *3 For models with 3 doors



ws = white
sw = black
ro = red
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gr = grey
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Mirror adjustment switch, Mirror adjustment changeover switch, Adjustment switch for mirror with fold-in feature, Driver side interior locking button for central locking system, Fuel tank flap release button, Button for deactivating interior monitoring and vehicle inclination sensor, Driver door control unit

- E43 Mirror adjustment switch
- E48 Mirror adjustment changeover switch
- E168 Adjustment switch for mirror with fold-in feature
- E308 Driver side interior locking button for central locking system
- E319 Fuel tank flap release button
- E616 Button for deactivating interior monitoring and vehicle inclination sensor
- J386 Driver door control unit
- T4cs 4-pin connector
- T4ct 4-pin connector
- T4cu 4-pin connector
- T10am 10-pin connector
- T32b 32-pin connector

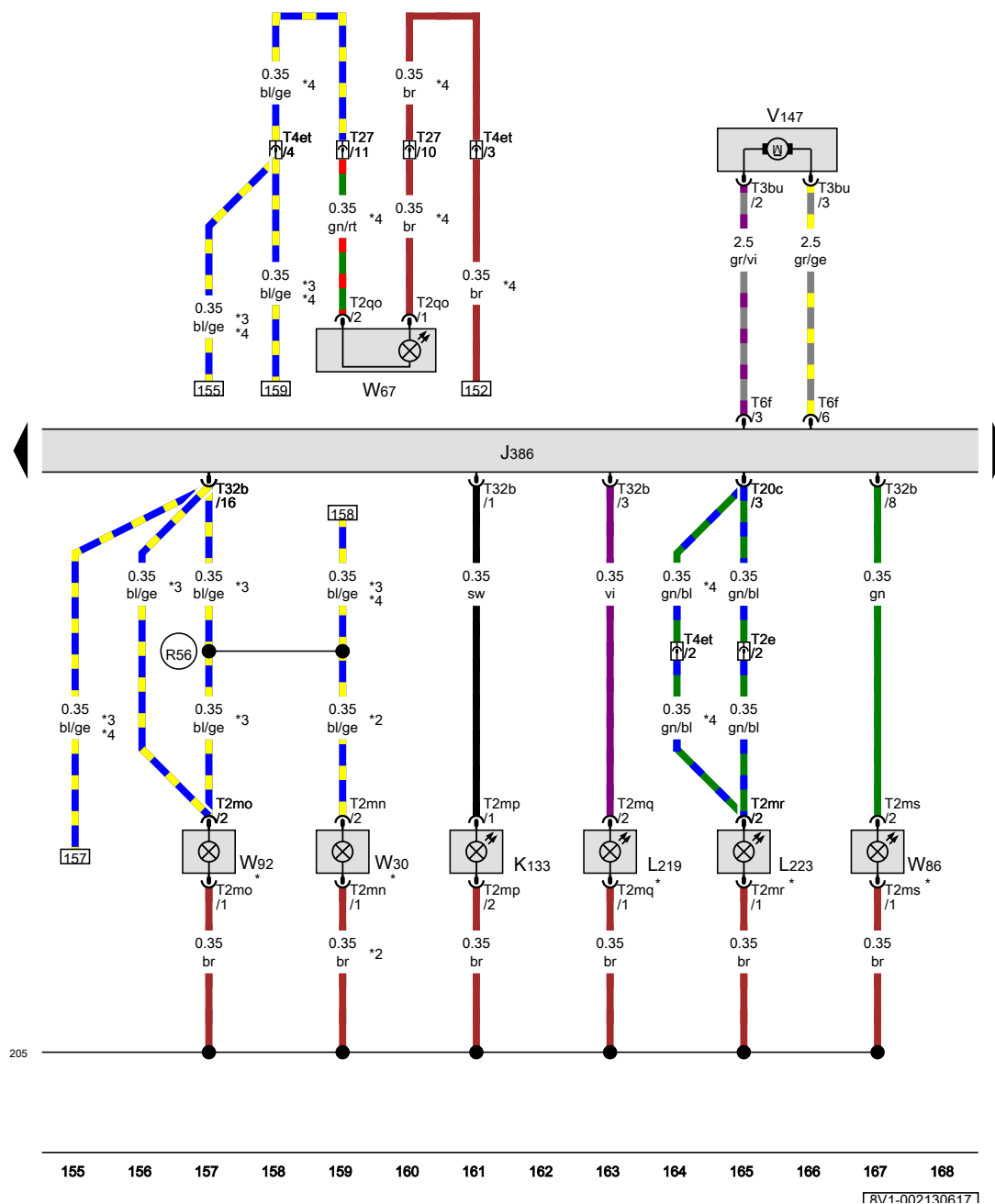
205 Earth connection, in driver door wiring harness

R52 Connection (58s), in driver side door wiring harness

R94 Connection 1 in driver side door wiring harness

- * For models with interior monitoring
- *2 For models with 5 doors
- *3 For models with 3 doors
- *4 For models with hybrid drive system
- *5 For models with ambient lighting in sill panel mouldings
- *6 For models with no hybrid drive system

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Driver door control unit, Central locking SAFELOCK function warning lamp, Light for driver side interior door handle illumination, Light for driver side door loudspeaker trim, Driver side window regulator motor, Driver side door warning lamp, Light conductor for front left sill panel moulding ambient lighting, Light for driver door ambient lighting, Driver side entry light

- J386 Driver door control unit
- K133 Central locking SAFELOCK function warning lamp
- L219 Light for driver side interior door handle illumination
- L223 Light for driver side door loudspeaker trim
- T2e 2-pin connector
- T2mn 2-pin connector
- T2mo 2-pin connector
- T2mp 2-pin connector
- T2mq 2-pin connector
- T2mr 2-pin connector
- T2ms 2-pin connector
- T2qo 2-pin connector
- T3bu 3-pin connector
- T4et 4-pin connector
- T6f 6-pin connector
- T20c 20-pin connector
- T27 27-pin connector
- T32b 32-pin connector
- V147 Driver side window regulator motor
- W30 Driver side door warning lamp
- W67 Light conductor for front left sill panel moulding ambient lighting
- W86 Light for driver door ambient lighting
- W92 Driver side entry light

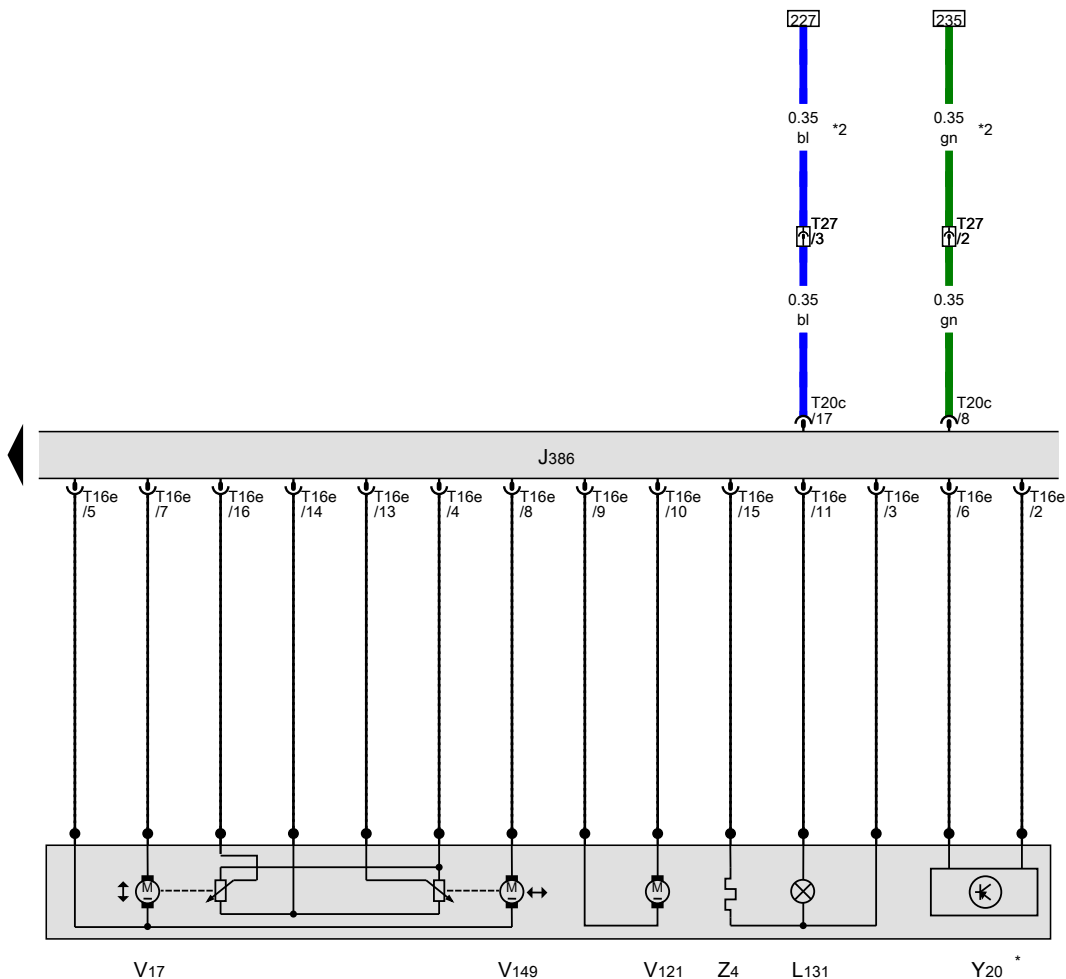
- 205 Earth connection, in driver door wiring harness
- R56 Connection (entry light), in driver door wiring harness

- * For models with additional lights
- *2 Up to April 2017
- *3 According to equipment
- *4 For models with ambient lighting in sill panel mouldings

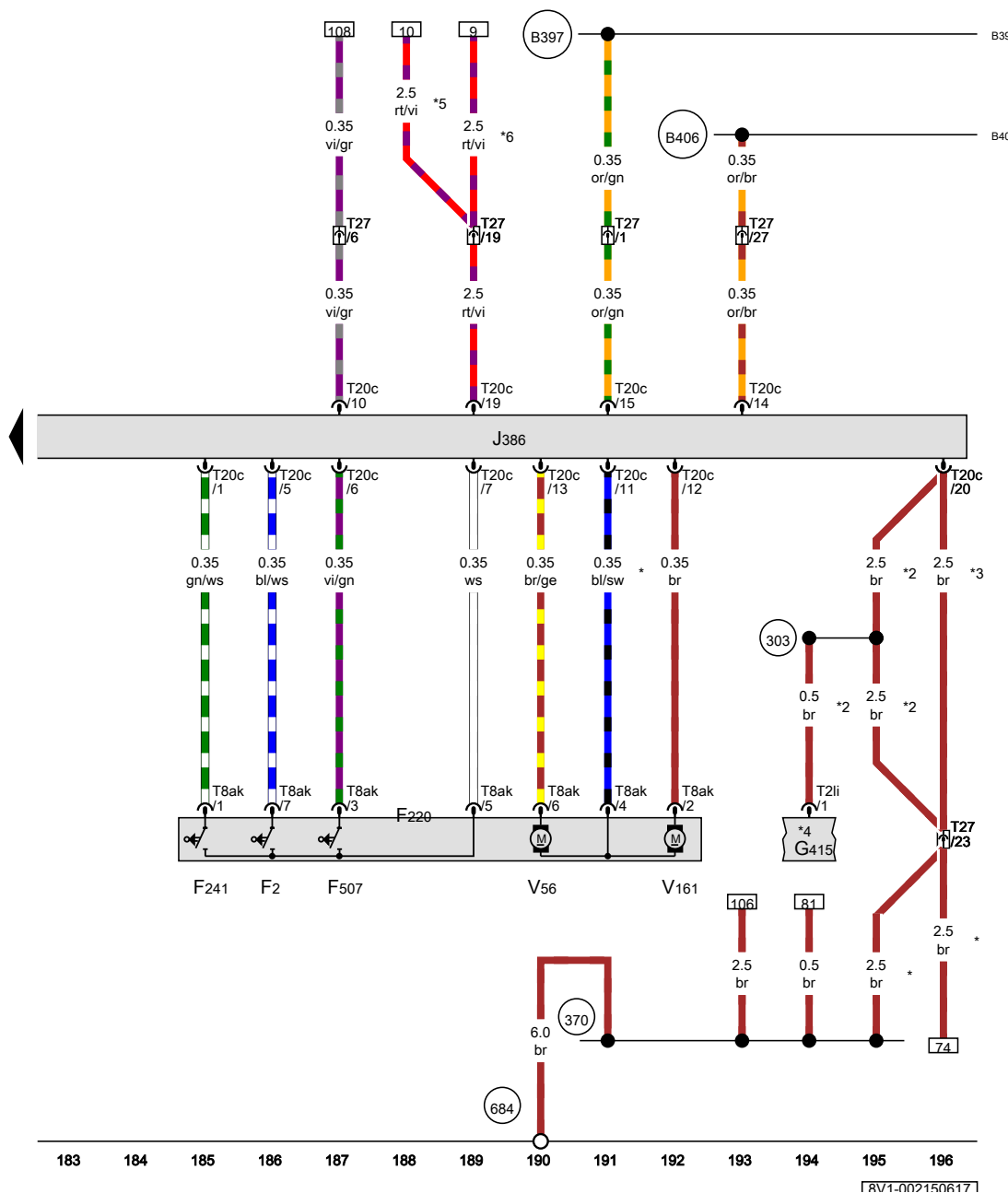
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Driver door control unit, Driver side turn signal repeater bulb, Driver side mirror adjustment motor 2, Driver side fold-in mirror motor, Driver side mirror adjustment motor, Automatic anti-dazzle exterior mirror, driver side, Heated exterior mirror on driver side

- J386 Driver door control unit
- L131 Driver side turn signal repeater bulb
- T16e 16-pin connector
- T20c 20-pin connector
- T27 27-pin connector, on left A-pillar, black
- V17 Driver side mirror adjustment motor 2
- V121 Driver side fold-in mirror motor
- V149 Driver side mirror adjustment motor
- Y20 Automatic anti-dazzle exterior mirror, driver side
- Z4 Heated exterior mirror on driver side
- * For models with automatic anti-dazzle exterior mirror
- *2 For models with automatic anti-dazzle interior mirror



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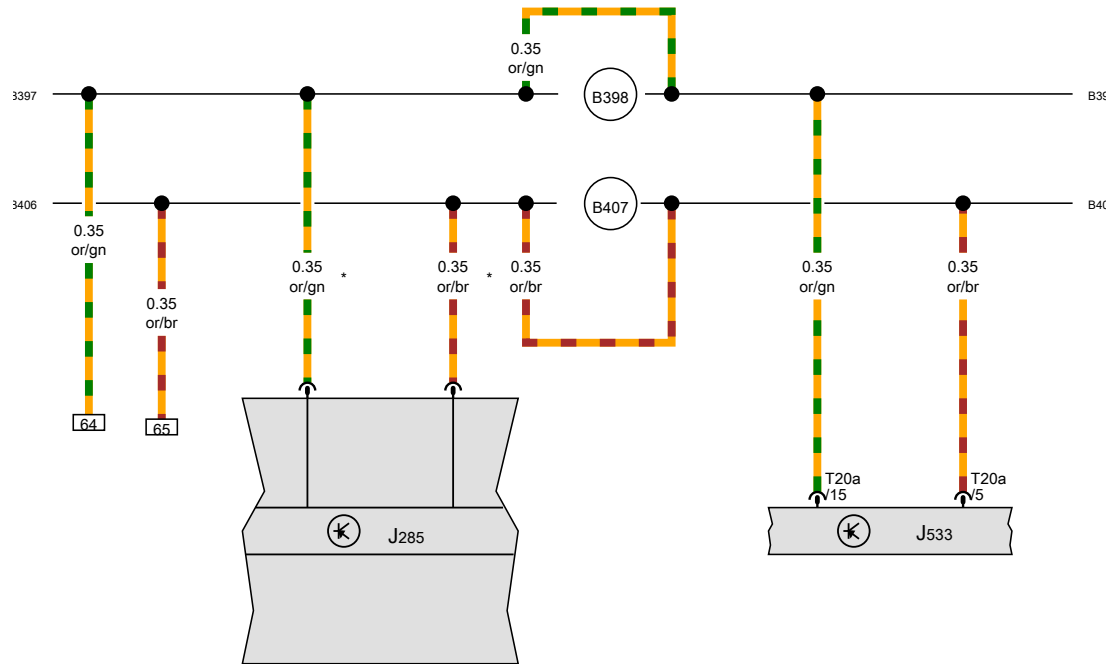


Driver door contact switch, Driver side central locking lock unit, Driver side contact switch in lock cylinder, Driver side central locking actuator, Driver door exterior handle contact sensor, Driver door control unit, Driver door central locking motor, Driver door central locking SAFELOCK function motor

- F2 Driver door contact switch
- F220 Driver side central locking lock unit
- F241 Driver side contact switch in lock cylinder
- F507 Driver side central locking actuator
- G415 Driver door exterior handle contact sensor
- J386 Driver door control unit
- T2li 2-pin connector
- T8ak 8-pin connector
- T20c 20-pin connector
- T27 27-pin connector, on left A-pillar, black
- V56 Driver door central locking motor
- V161 Driver door central locking SAFELOCK function motor

- 303 Earth connection 3, in drive side door wiring harness
- 370 Earth connection 5, in main wiring harness
- 684 Earth point on front of left side member
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- * According to equipment
- *2 For models with entry and start authorisation
- *3 For models with no entry and start authorisation
- *4 see applicable current flow diagram
- *5 For models with 5 doors
- *6 For models with 3 doors

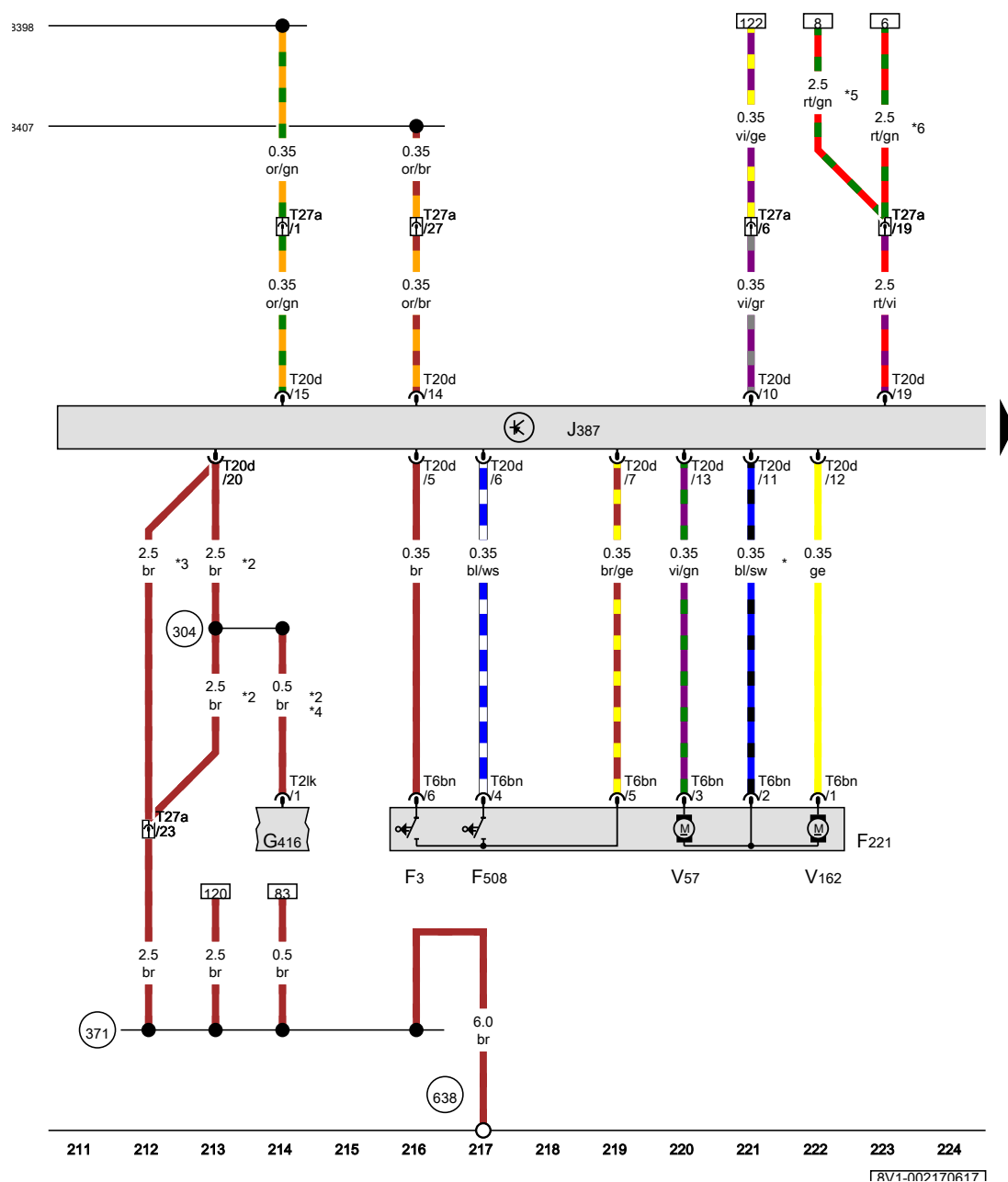
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Control unit in dash panel insert, Data bus diagnostic interface

- J285 Control unit in dash panel insert
- J533 Data bus diagnostic interface
- T20a 20-pin connector
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness
- * see applicable current flow diagram for dash panel insert

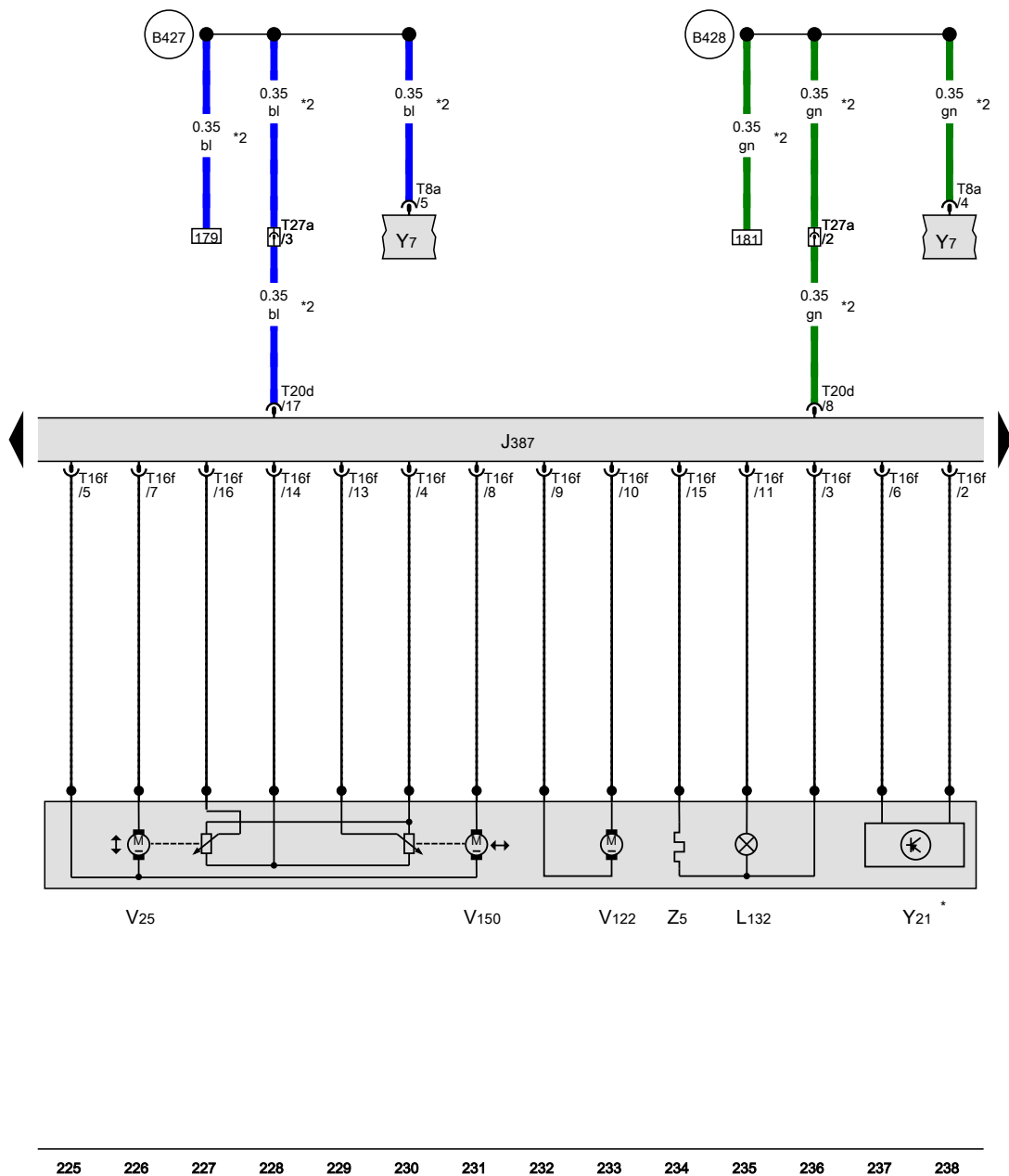
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Front passenger door contact switch, Front passenger side central locking lock unit, Passenger side central locking actuator, Front passenger door control unit, Front passenger door central locking motor, Front passenger door central locking SAFELOCK function motor

- F3 Front passenger door contact switch
- F221 Front passenger side central locking lock unit
- F508 Passenger side central locking actuator
- G416 Front passenger door exterior handle contact sensor
- J387 Front passenger door control unit
- T2lk 2-pin connector
- T6bn 6-pin connector
- T20d 20-pin connector
- T27a 27-pin connector, on right A-pillar, black
- V57 Front passenger door central locking motor
- V162 Front passenger door central locking SAFELOCK function motor

- 304 Earth connection 3, in front passenger side door wiring harness
- 371 Earth connection 6, in main wiring harness
- 638 Earth point, on right A-pillar
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness
- * According to equipment
- *2 For models with entry and start authorisation
- *3 For models with no entry and start authorisation
- *4 see applicable current flow diagram
- *5 For models with 5 doors
- *6 For models with 3 doors



Front passenger door control unit, Front passenger side turn signal repeater bulb, Front passenger side mirror adjustment motor 2, Front passenger side fold-in mirror motor, Front passenger side mirror adjustment motor, Automatic anti-dazzle exterior mirror, passenger side, Heated exterior mirror on passenger side

- J387 Front passenger door control unit
- L132 Front passenger side turn signal repeater bulb
- T8a 8-pin connector
- T16f 16-pin connector
- T20d 20-pin connector
- T27a 27-pin connector, on right A-pillar, black
- V25 Front passenger side mirror adjustment motor 2
- V122 Front passenger side fold-in mirror motor
- V150 Front passenger side mirror adjustment motor
- Y7 Automatic anti-dazzle interior mirror
- Y21 Automatic anti-dazzle exterior mirror, passenger side
- Z5 Heated exterior mirror on passenger side

B427 Connection 1 (mirror signal), in main wiring harness

B428 Connection 2 (mirror signal), in main wiring harness

- * For models with automatic anti-dazzle exterior mirror
- *2 For models with automatic anti-dazzle interior mirror

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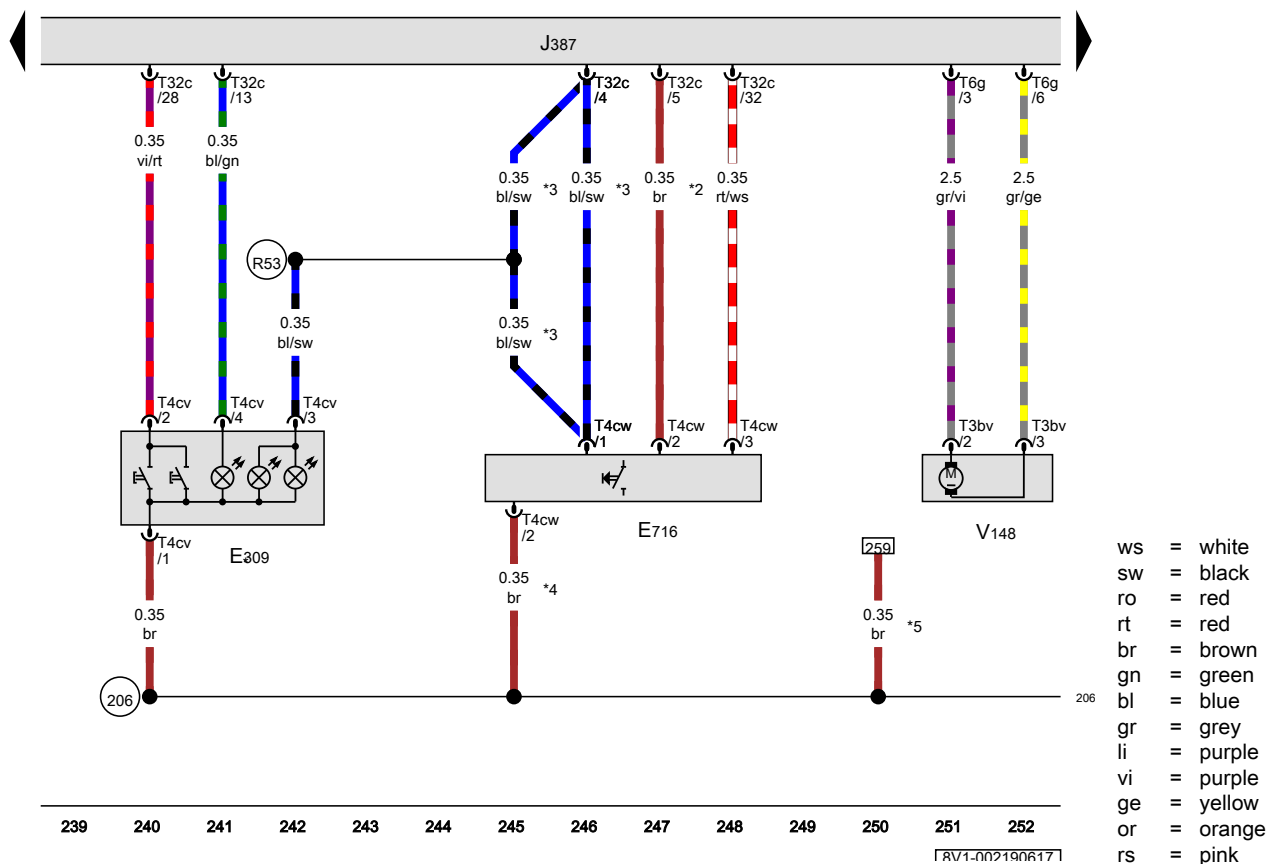
Front passenger side interior locking button for central locking system, Front passenger side window regulator button, Front passenger door control unit, Front passenger side window regulator motor

- E309 Front passenger side interior locking button for central locking system
- E716 Front passenger side window regulator button
- J387 Front passenger door control unit
- T3bv 3-pin connector
- T4cv 4-pin connector
- T4cw 4-pin connector
- T6g 6-pin connector
- T32c 32-pin connector
- V148 Front passenger side window regulator motor

206 Earth connection, in front passenger door wiring harness

R53 Connection (58s), in driver side door wiring harness

- * For models with front passenger side interior locking button
- *2 For models with no additional lights
- *3 According to equipment
- *4 For models with additional lights
- *5 For models with ambient lighting in sill panel mouldings



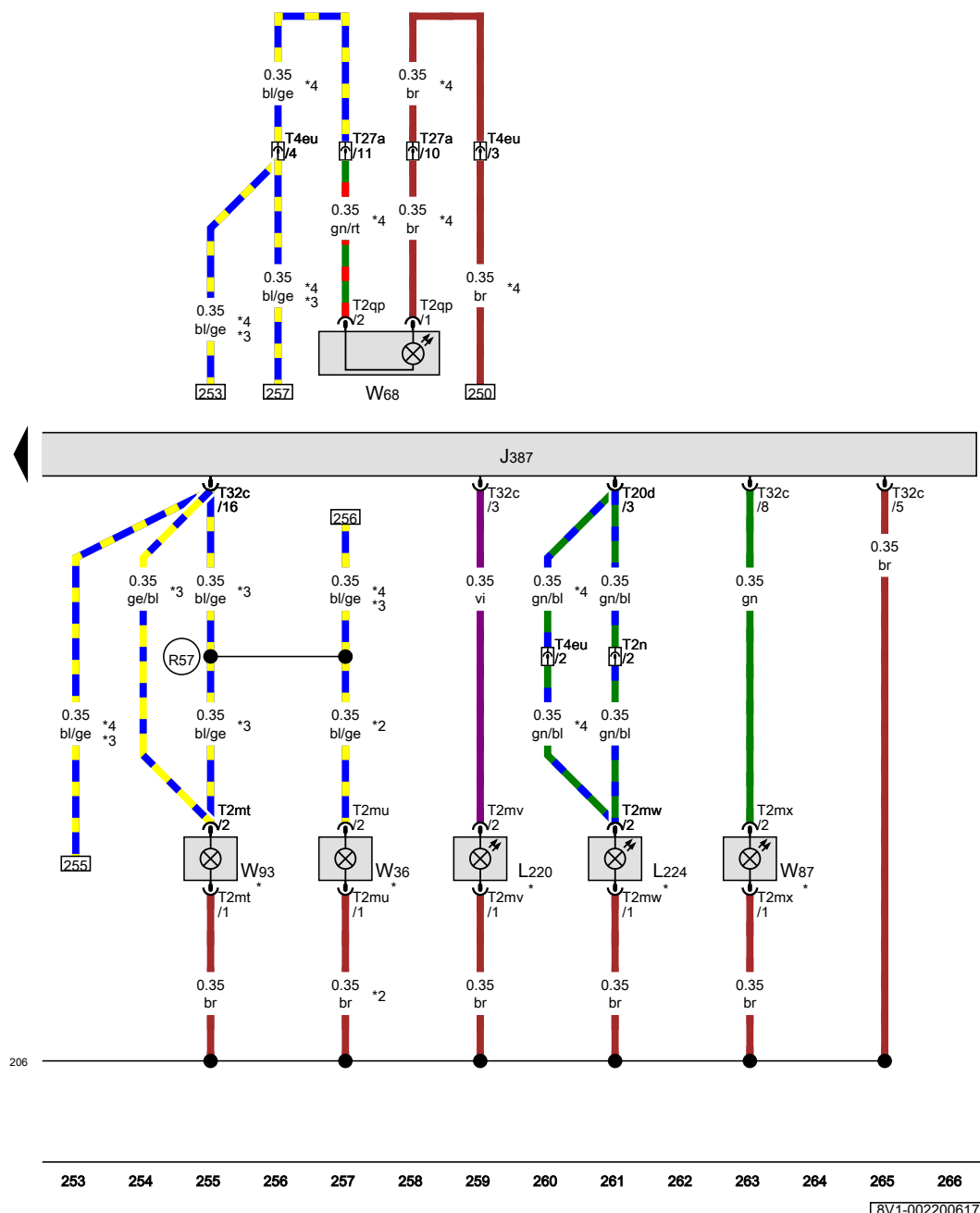
Front passenger door control unit, Light for passenger side interior door handle illumination, Light for passenger side door loudspeaker trim, Front passenger side door warning lamp, Light conductor for front right sill panel moulding ambient lighting, Light for passenger door ambient lighting, Passenger side entry light

- J387 Front passenger door control unit
- L220 Light for passenger side interior door handle illumination
- L224 Light for passenger side door loudspeaker trim
- T2mt 2-pin connector
- T2mu 2-pin connector
- T2mv 2-pin connector
- T2mw 2-pin connector
- T2mx 2-pin connector
- T2n 2-pin connector
- T2qp 2-pin connector
- T4eu 4-pin connector
- T20d 20-pin connector
- T27a 27-pin connector
- T32c 32-pin connector
- W36 Front passenger side door warning lamp
- W68 Light conductor for front right sill panel moulding ambient lighting
- W87 Light for passenger door ambient lighting
- W93 Passenger side entry light

- 206 Earth connection, in front passenger door wiring harness
- R57 Connection (entry light), in front passenger door wiring harness

- * For models with additional lights
- *2 Up to April 2017
- *3 According to equipment
- *4 For models with ambient lighting in sill panel mouldings

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

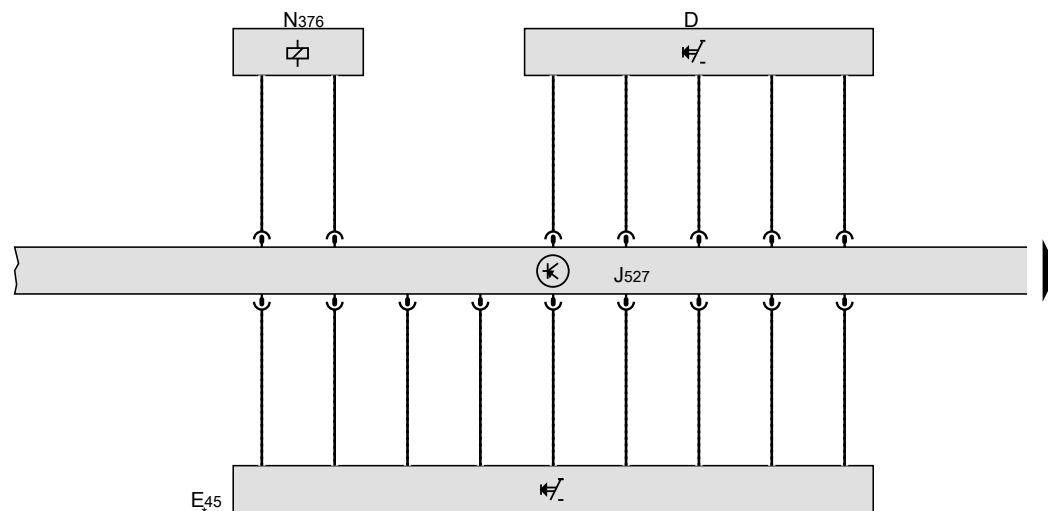


1.4l petrol engine , CMBA,CXSA,CXSB,CZCA

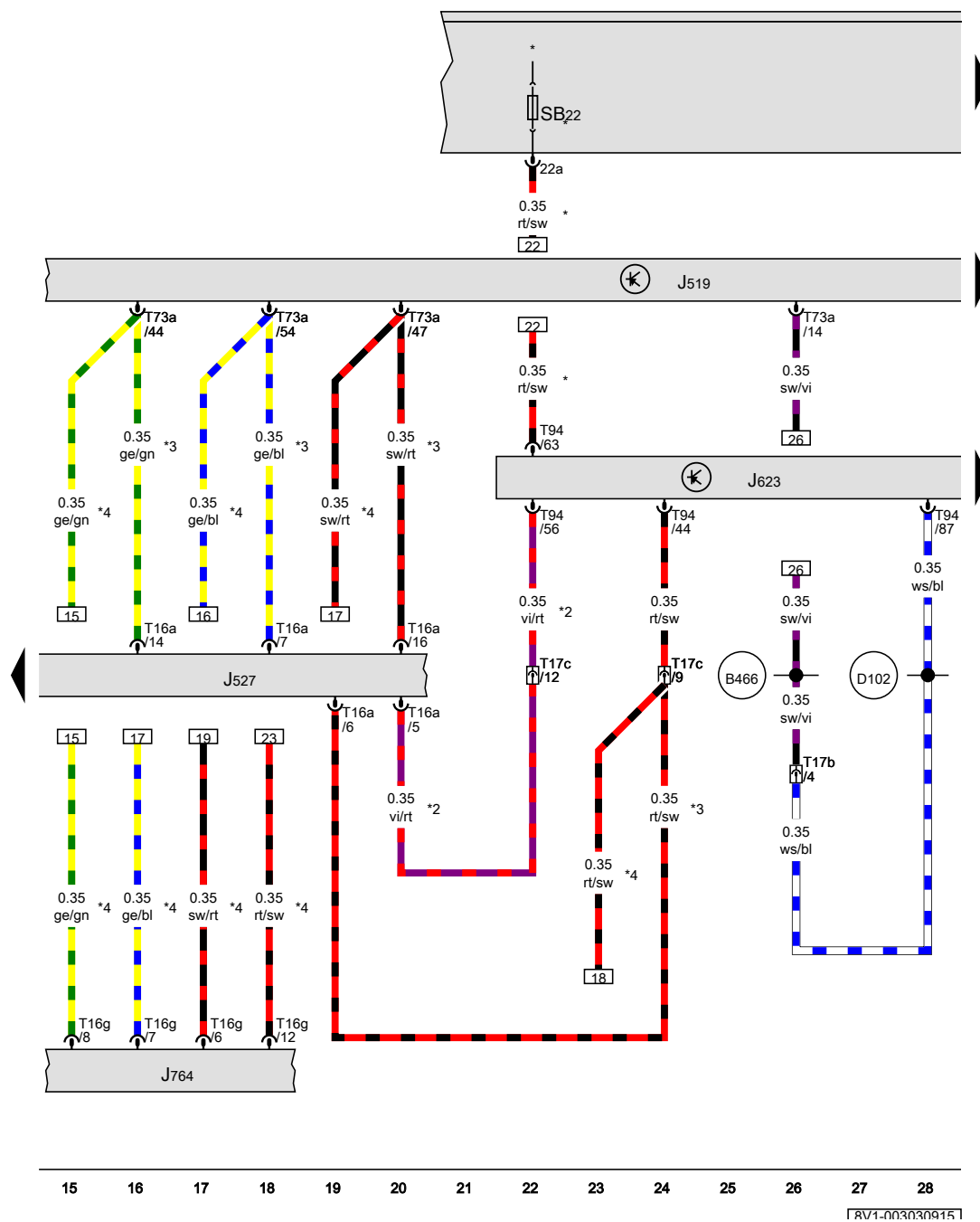
From March 2012

Ignition/starter switch, Cruise control system switch,
Steering column electronics control unit

- D Ignition/starter switch
- E45 Cruise control system switch
- J527 Steering column electronics control unit
- N376 Ignition key withdrawal lock solenoid
- T2hm 2-pin connector
- * Only models with cruise control system (CCS)



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Onboard supply control unit, Steering column electronics control unit, Engine control unit

- J519 Onboard supply control unit
- J527 Steering column electronics control unit
- J623 Engine control unit
- J764 Control unit for electronic steering column lock
- SB22 Fuse 22 on fuse holder B
- T16a 16-pin connector
- T16g 16-pin connector
- T17b 17-pin connector
- T17c 17-pin connector
- T73a 73-pin connector
- T94 94-pin connector

B466 Connection 2, in main wiring harness

D102 Connection 2 in engine compartment wiring harness

* see applicable current flow diagram for battery in engine compartment

*2 Only models with cruise control system (CCS)

*3 Only models with no entry and start authorisation

*4 Only models with entry and start authorisation

- ws = white
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- bl = blue
- gr = grey
- li = purple
- vi = purple
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- rs = pink

Oil level and oil temperature sender, Clutch position sender, Onboard supply control unit, Engine control unit

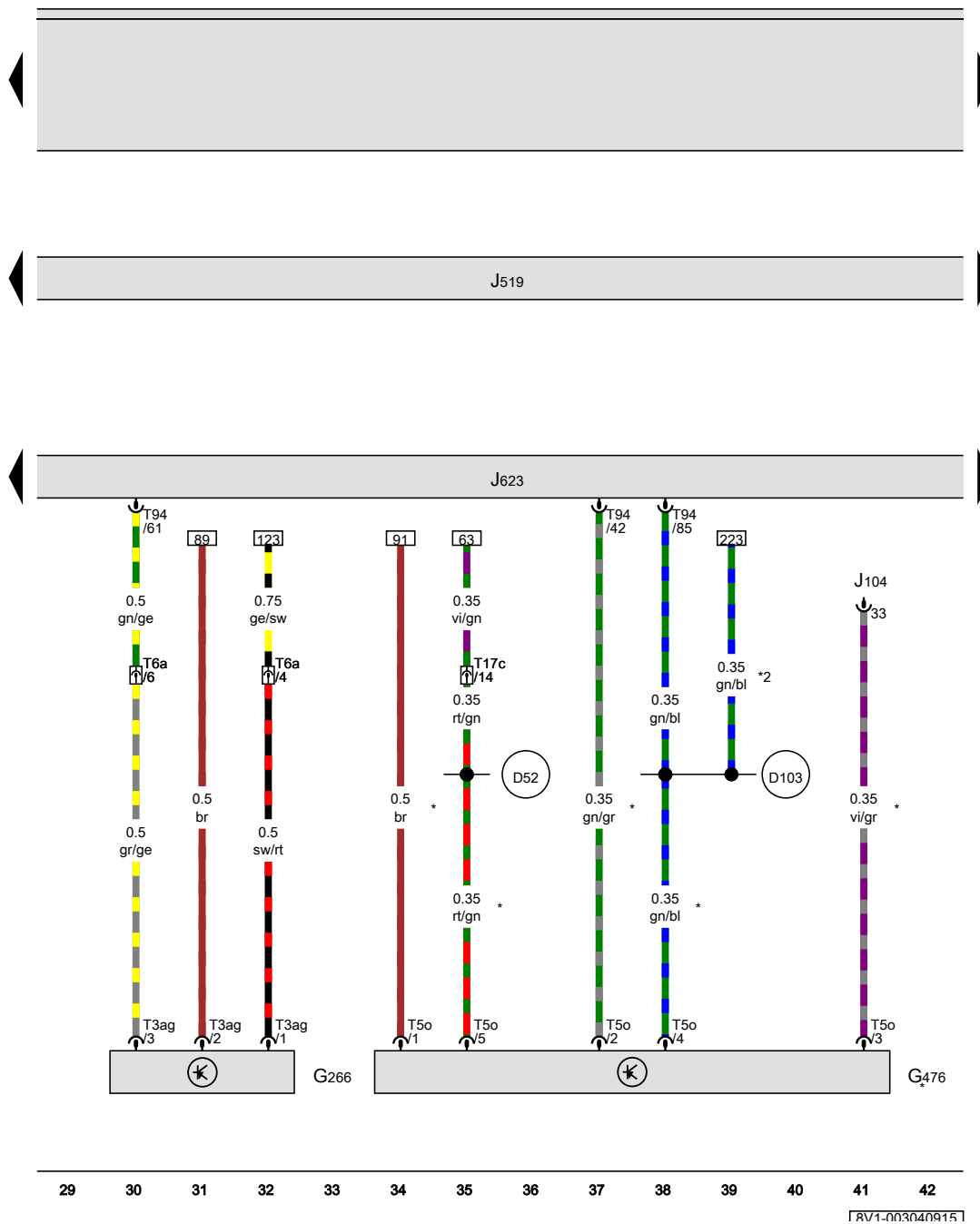
- G266 Oil level and oil temperature sender
- G476 Clutch position sender
- J104 ABS control unit
- J519 Onboard supply control unit
- J623 Engine control unit
- T3ag 3-pin connector
- T5o 5-pin connector
- T6a 6-pin connector
- T17c 17-pin connector
- T94 94-pin connector

D52 Positive connection (15a), in engine compartment wiring harness

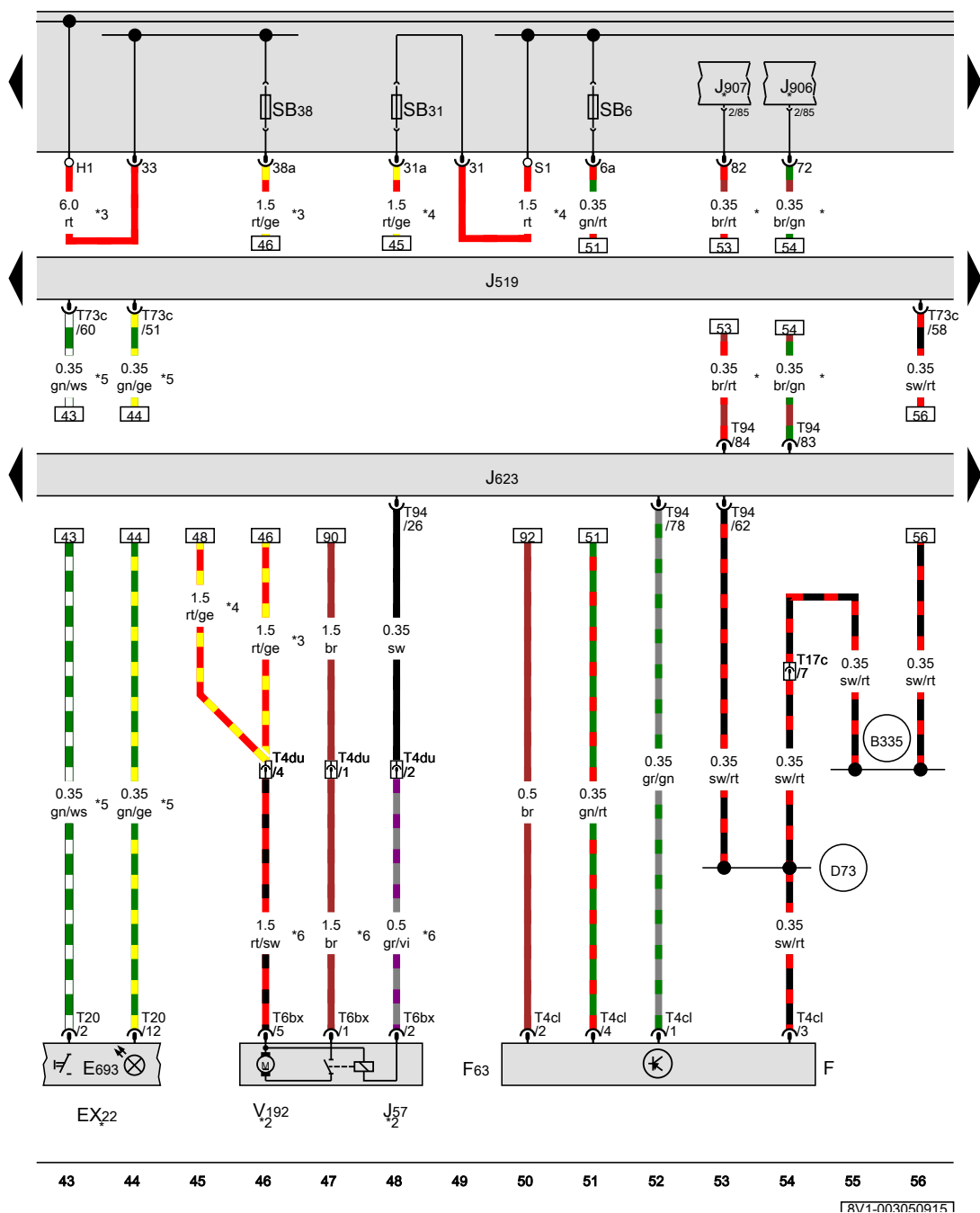
D103 Connection 3 in engine compartment wiring harness

* Only models with manual gearbox

*2 Only models with dual clutch gearbox



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Centre switch module in dash panel, Brake light switch, Brake pedal switch, Onboard supply control unit, Engine control unit

EX22	Centre switch module in dash panel
E693	Start/Stop operation button
F	Brake light switch
F63	Brake pedal switch
J57	Vacuum pump relay
J519	Onboard supply control unit
J623	Engine control unit
J906	Starter relay 1
J907	Starter relay 2
SB6	Fuse 6 on fuse holder B
SB31	Fuse 31 on fuse holder B
SB38	Fuse 38 on fuse holder B
T4cl	4-pin connector
T4du	4-pin connector, black
T6bx	6-pin connector
T17c	17-pin connector
T20	20-pin connector
T73c	73-pin connector
T94	94-pin connector
V192	Vacuum pump for brakes

(B335) Connection 1 (54), in main wiring harness

(D73) Positive connection (54), in engine compartment wiring harness

* see applicable current flow diagram for battery in engine compartment

*2 Only models with equipment for Japan

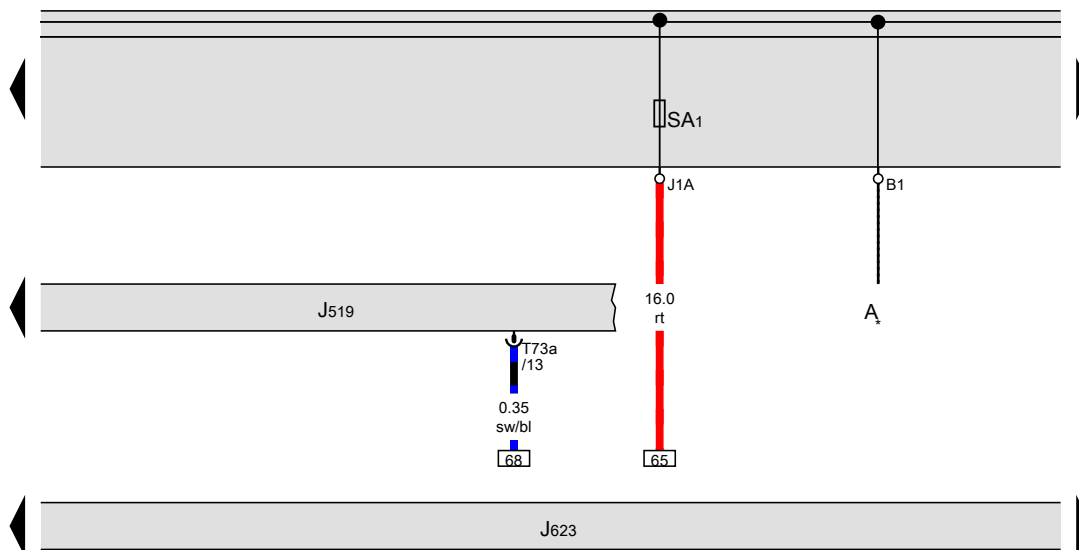
*3 Up to April 2013

*4 From May 2013

*5 Only models with start/stop system

*6 Wiring colour depends on equipment

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink



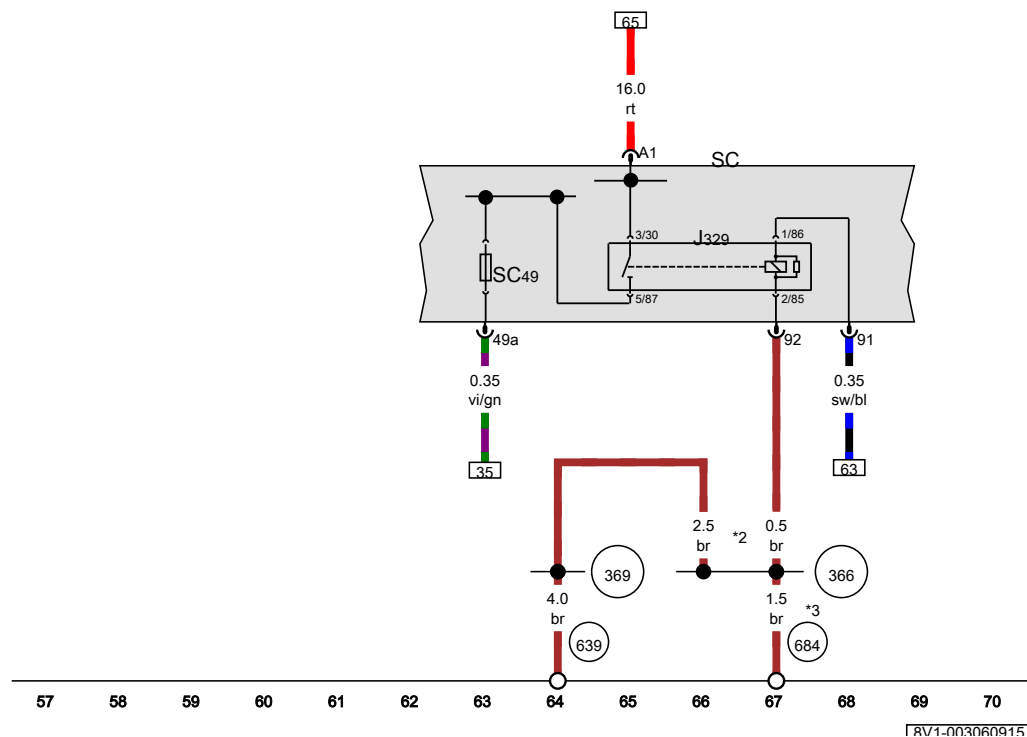
Terminal 15 voltage supply relay, Onboard supply control unit, Engine control unit, Fuse holder C

- A Battery
- J329 Terminal 15 voltage supply relay
- J519 Onboard supply control unit
- J623 Engine control unit
- SA1 Fuse 1 in fuse holder A
- SC Fuse holder C
- SC49 Fuse 49 on fuse holder C
- T73a 73-pin connector
- 366 Earth connection 1, in main wiring harness
- 369 Earth connection 4, in main wiring harness
- 639 Earth point, left A-pillar
- 684 Earth point on front of left side member

* see applicable current flow diagram for battery in engine compartment

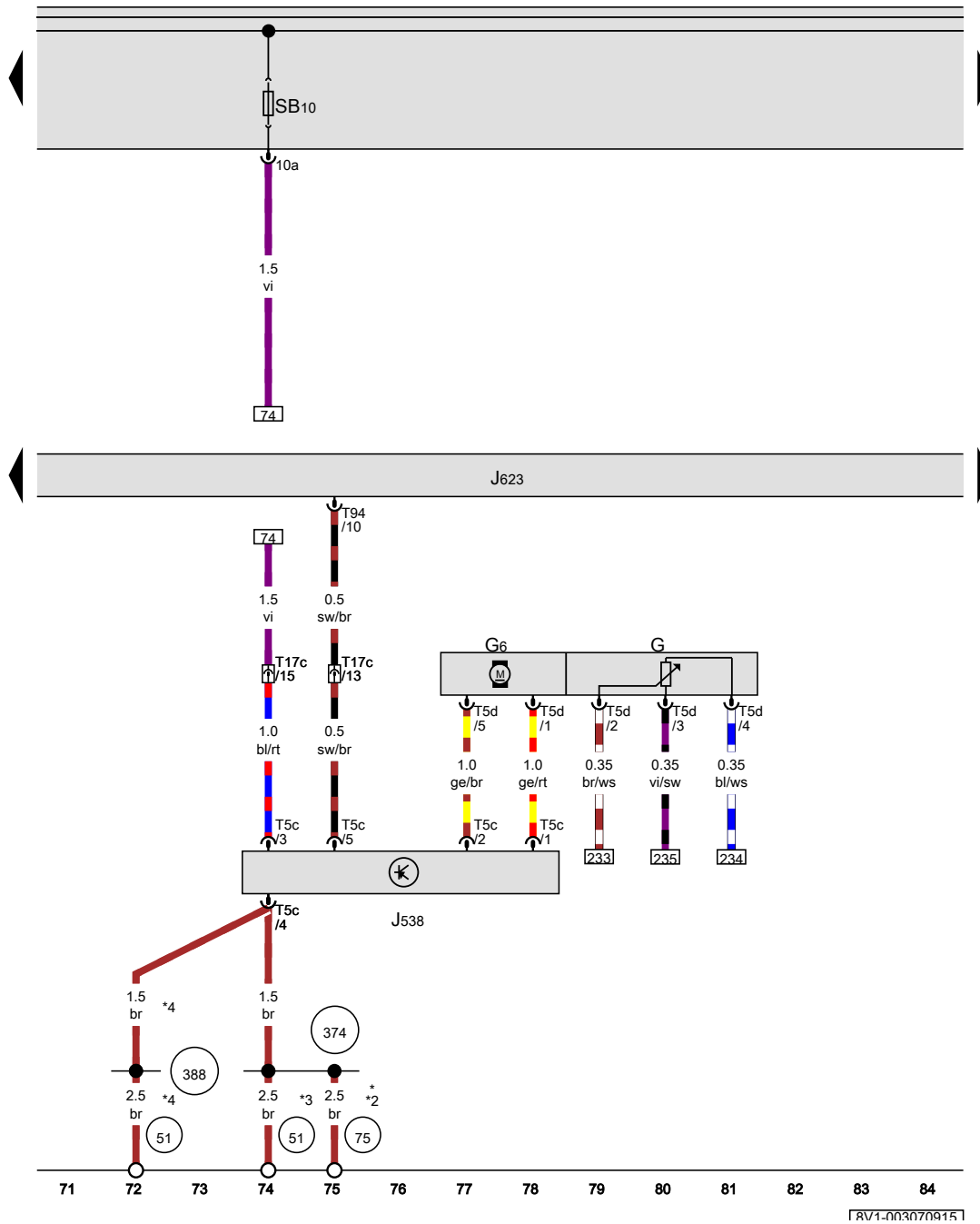
*2 Only left-hand drive models

*3 Only right-hand drive models



- ws = white
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- vi = purple
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- rs = pink

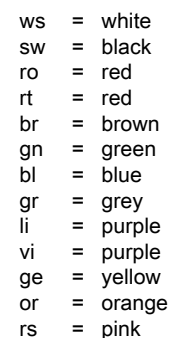
18V1-003060915



Fuel gauge sender, Fuel system pressurisation pump,
Engine control unit

- G Fuel gauge sender
- G6 Fuel system pressurisation pump
- J538 Fuel pump control unit
- J623 Engine control unit
- SB10 Fuse 10 on fuse holder B
- T5c 5-pin connector
- T5d 5-pin connector
- T17c 17-pin connector
- T94 94-pin connector
- 51 Earth point, on right in luggage compartment
- 75 Earth point, rear right pillar
- 374 Earth connection 9, in main wiring harness
- 388 Earth connection 23, in main wiring harness
- * Only models with 3-doors
- *2 Only models with 5-doors
- *3 Only models with 4-doors
- *4 Only Cabriolet models

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ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
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rs = pink

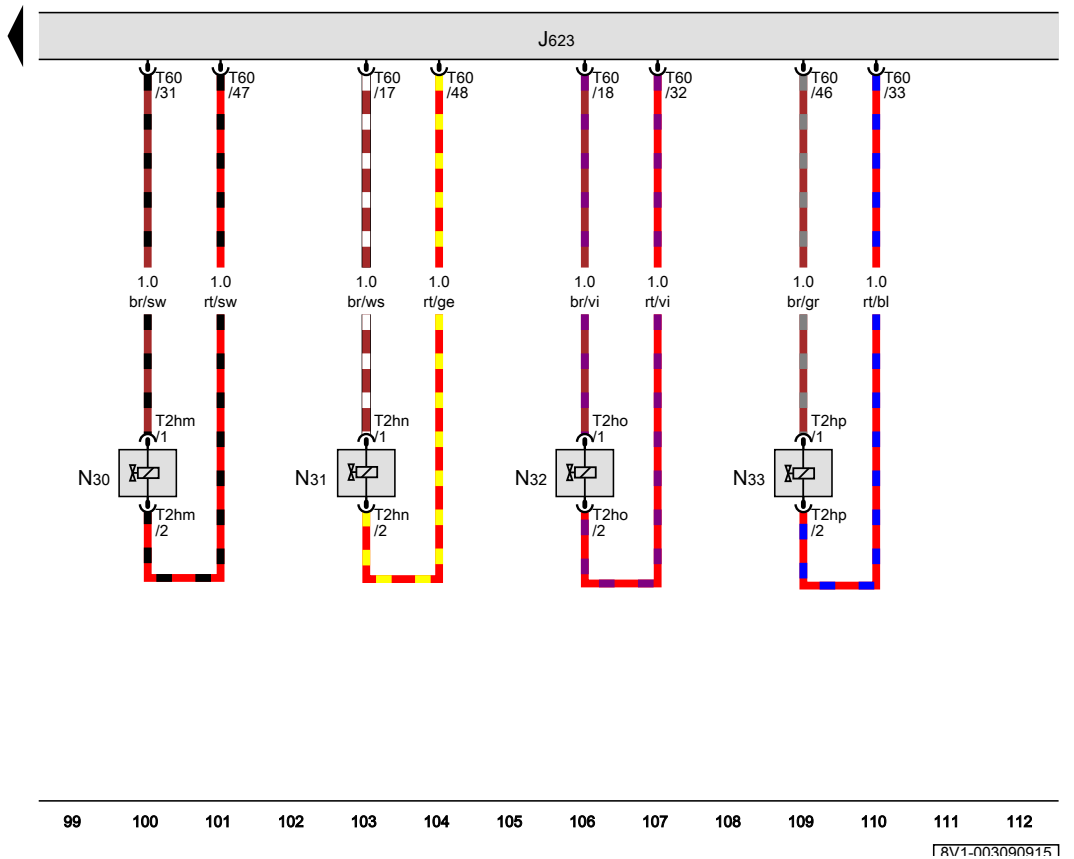


J271	Main relay
J623	Engine control unit
SB3	Fuse 3 on fuse holder B
SB17	Fuse 17 on fuse holder B
T6a	6-pin connector
T14	14-pin connector, near front left longitudinal member
T60	60-pin connector
T94	94-pin connector

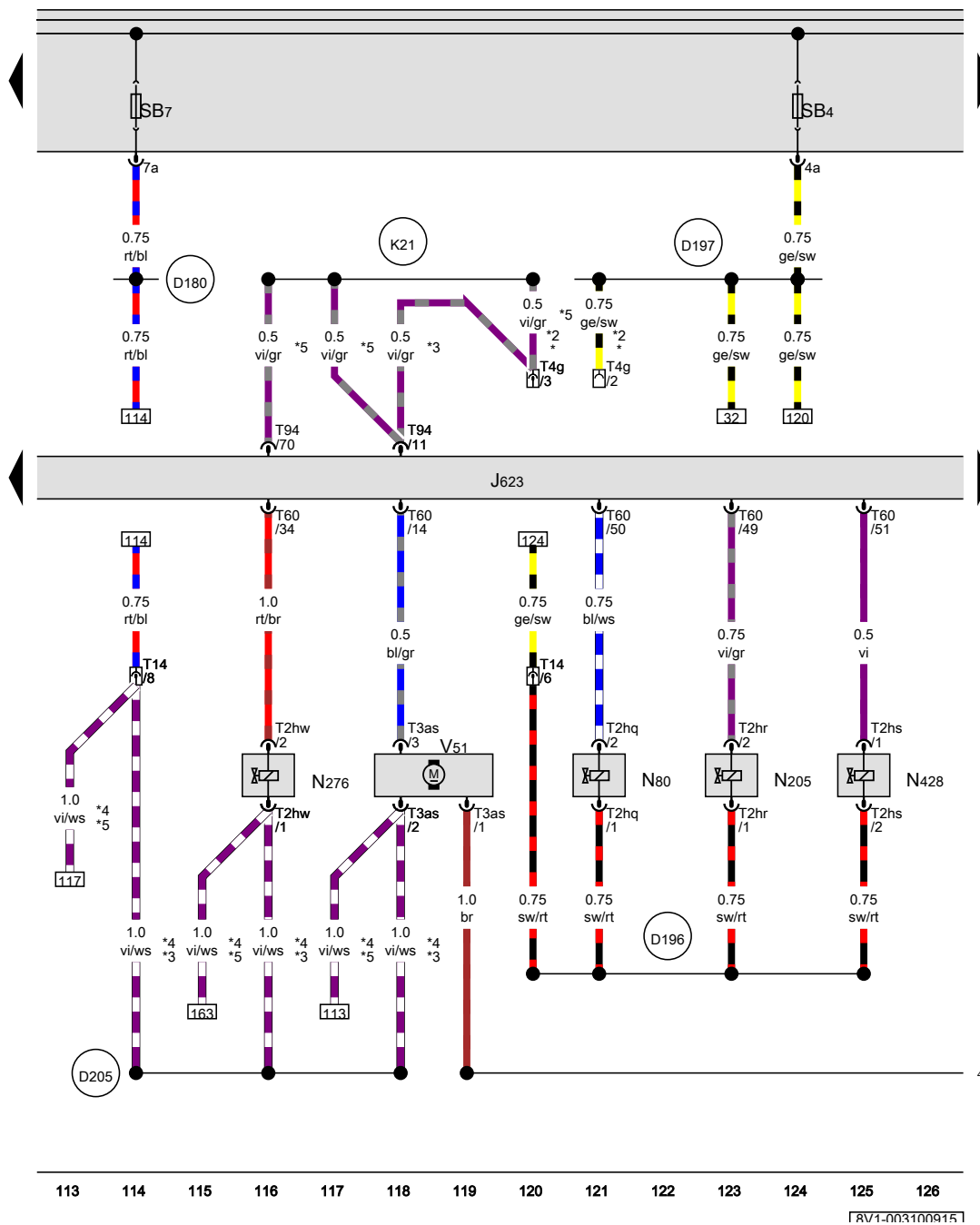
85	Earth connection 1, in engine compartment wiring harness
131	Earth connection 2, in engine compartment wiring harness
209	Earth connection 6, in engine compartment wiring harness
419	Earth connection 11, in engine compartment wiring harness
671	Earth point 1, on front of left longitudinal member
D78	Positive connection 1 (30a), in engine compartment wiring harness
D183	Connection 4 (87a) in engine compartment wiring harness
*	Wiring colour depends on equipment
*2	Only models with manual gearbox
*3	gradual introduction
*4	Gradually discontinued

Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

- J623 Engine control unit
- N30 Injector, cylinder 1
- N31 Injector, cylinder 2
- N32 Injector, cylinder 3
- N33 Injector, cylinder 4
- T2hm 2-pin connector
- T2hn 2-pin connector
- T2ho 2-pin connector
- T2hp 2-pin connector
- T60 60-pin connector

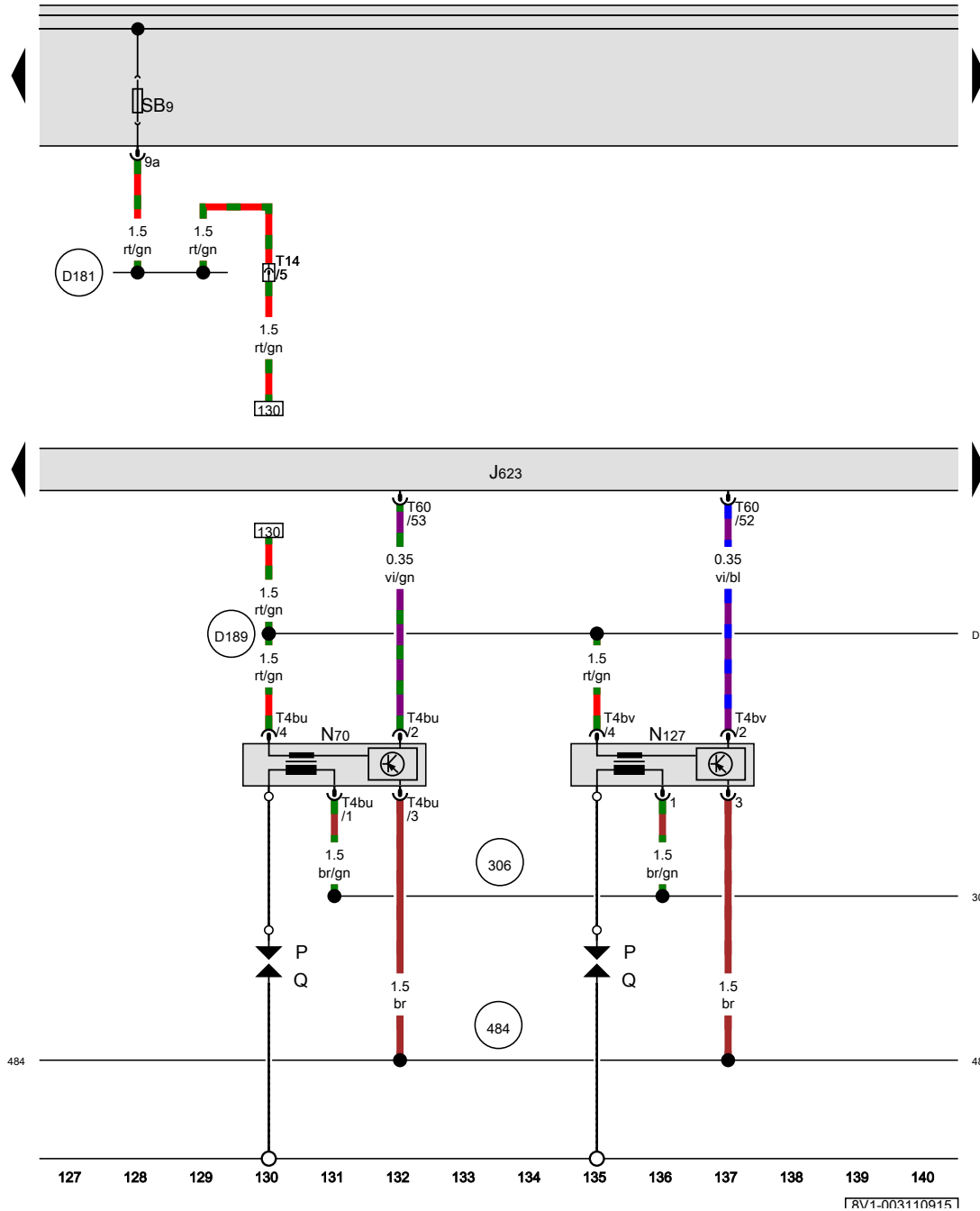


- ws = white
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Engine control unit, Activated charcoal filter solenoid valve 1, Camshaft control valve 1, Fuel pressure regulating valve, Valve for oil pressure control, Continued coolant circulation pump

- J623 Engine control unit
- N80 Activated charcoal filter solenoid valve 1
- N205 Camshaft control valve 1
- N276 Fuel pressure regulating valve
- N428 Valve for oil pressure control
- SB4 Fuse 4 on fuse holder B
- SB7 Fuse 7 on fuse holder B
- T2hq 2-pin connector
- T2hr 2-pin connector
- T2hs 2-pin connector
- T2hw 2-pin connector
- T3as 3-pin connector
- T4g 4-pin connector
- T14 14-pin connector, near front left longitudinal member
- T60 60-pin connector
- T94 94-pin connector
- V51 Continued coolant circulation pump
- 484 Earth connection 2 (ignition coils), in engine prewiring harness
- D180 Connection (87a), in engine compartment wiring harness
- D196 Connection 2 (87a) in engine prewiring harness
- D197 Connection 5 (87a) in engine compartment wiring harness
- D205 Connection 3 (87a) in engine prewiring harness
- K21 Connection 1, in radiator fan wiring harness
- * Radiator fan connection
- *2 see applicable current flow diagram for radiator fan
- *3 Gradually discontinued
- *4 According to equipment
- *5 gradual introduction



Engine control unit, Ignition coil 1 with output stage, Ignition coil 2 with output stage

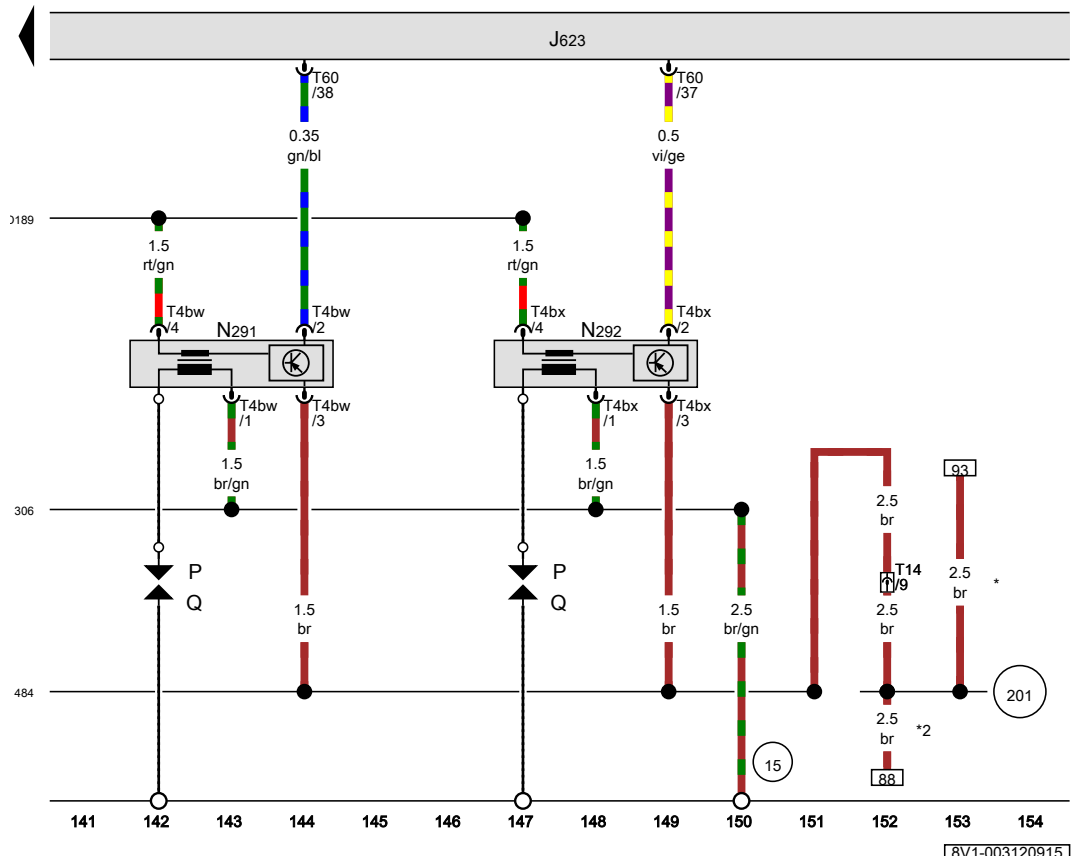
- J623 Engine control unit
- N70 Ignition coil 1 with output stage
- N127 Ignition coil 2 with output stage
- P Spark plug connector
- Q Spark plugs
- SB9 Fuse 9 on fuse holder B
- T4bu 4-pin connector
- T4bv 4-pin connector
- T14 14-pin connector, near front left longitudinal member
- T60 60-pin connector
- 306 Earth connection (ignition coils), in engine prewiring harness
- 484 Earth connection 2 (ignition coils), in engine prewiring harness
- D181 Connection 2 (87a) in engine compartment wiring harness
- D189 Connection (87a) in engine prewiring harness

Engine control unit, Ignition coil 3 with output stage, Ignition coil 4 with output stage

- J623 Engine control unit
- N291 Ignition coil 3 with output stage
- N292 Ignition coil 4 with output stage
- P Spark plug connector
- Q Spark plugs
- T4bw 4-pin connector
- T4bx 4-pin connector
- T14 14-pin connector, near front left longitudinal member
- T60 60-pin connector

- 15 Earth point, on cylinder head
- 201 Earth connection 5, in engine compartment wiring harness
- 306 Earth connection (ignition coils), in engine prewiring harness
- 484 Earth connection 2 (ignition coils), in engine prewiring harness
- D189 Connection (87a) in engine prewiring harness

- * gradual introduction
- *2 Gradually discontinued



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- gr = grey
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- vi = purple
- ge = yellow
- or = orange
- rs = pink

Hall sender, Coolant temperature sender, Accelerator position sender, Accelerator position sender 2, Engine control unit, Charge pressure positioner

- G40 Hall sender
- G62 Coolant temperature sender
- G79 Accelerator position sender
- G185 Accelerator position sender 2
- J623 Engine control unit
- T2ib 2-pin connector
- T3ao 3-pin connector
- T6bk 6-pin connector
- T6k 6-pin connector
- T60 60-pin connector
- T94 94-pin connector
- V465 Charge pressure positioner

281 Earth point 1, engine prewiring harness

458 Earth point 3, engine prewiring harness

D141 Connection (5V) in engine prewiring harness

D190 Connection 3 (5V) in engine prewiring harness

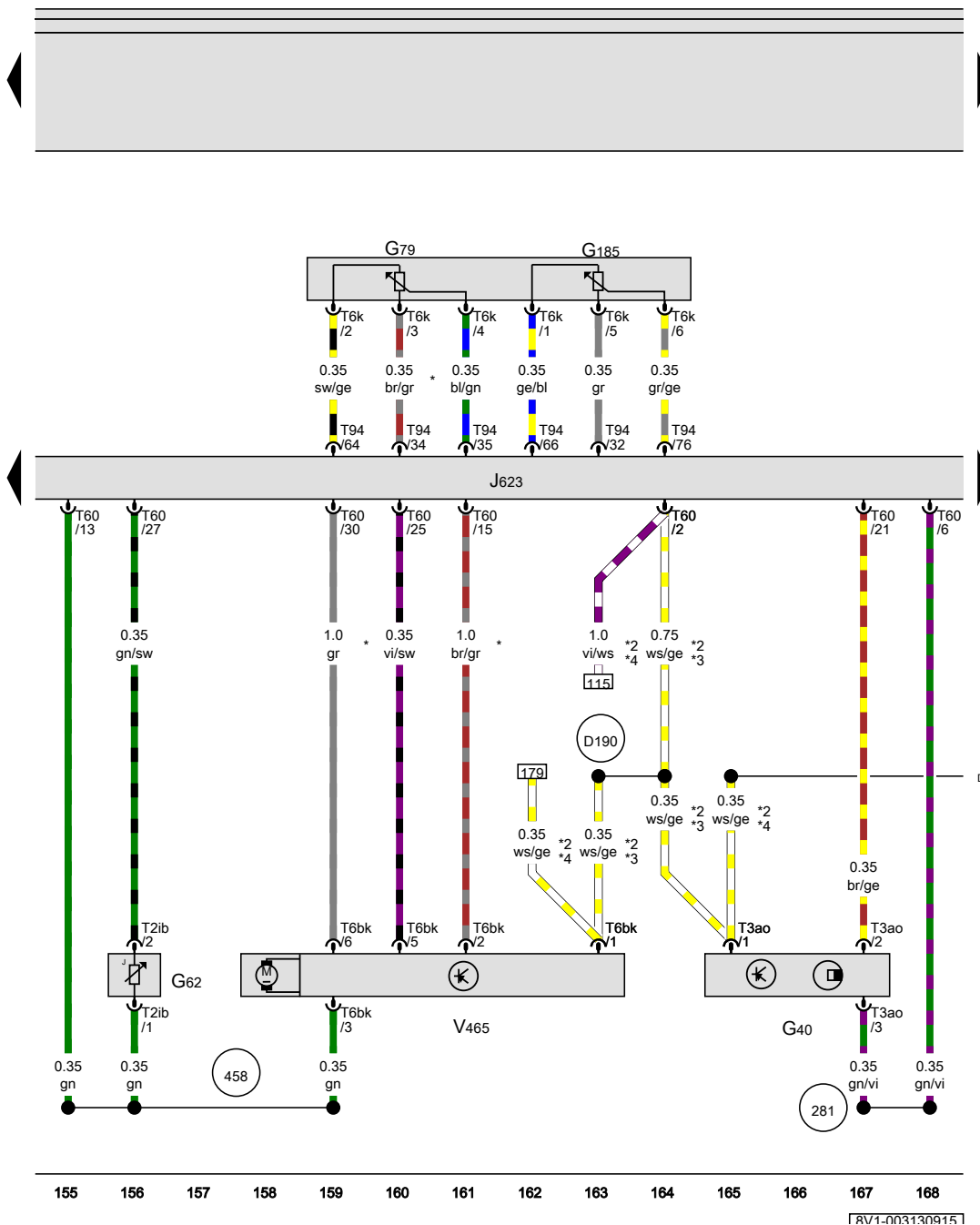
* Wiring colour depends on equipment

*2 According to equipment

*3 Gradually discontinued

*4 gradual introduction

ws = white
sw = black
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Engine speed sender, Charge pressure sender, Intake air temperature sender, Intake manifold pressure sender, Fuel pressure sender, Intake air temperature sender 2, Engine control unit

- G28 Engine speed sender
- G31 Charge pressure sender
- G42 Intake air temperature sender
- G71 Intake manifold pressure sender
- G247 Fuel pressure sender
- G299 Intake air temperature sender 2
- J623 Engine control unit
- T3ak 3-pin connector
- T3al 3-pin connector
- T4by 4-pin connector
- T4bz 4-pin connector
- T60 60-pin connector

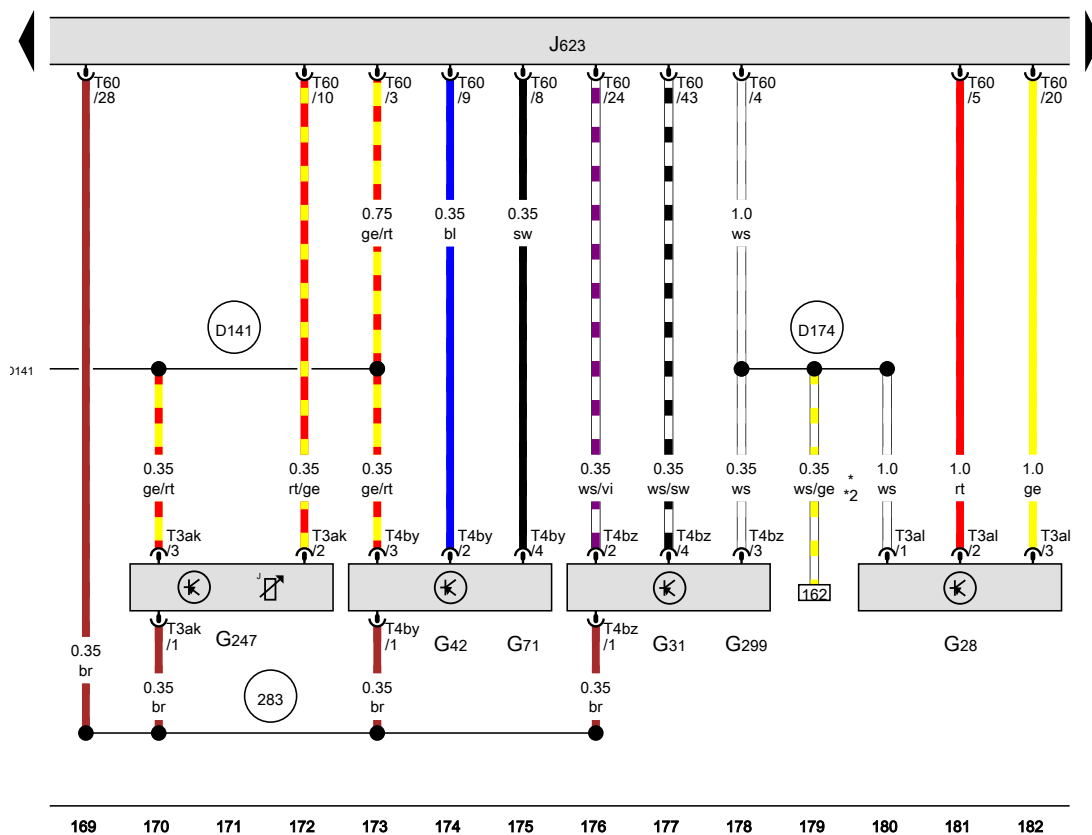
283 Earth point 2, engine prewiring harness

D141 Connection (5V) in engine prewiring harness

D174 Connection 2 (5V) in engine prewiring harness

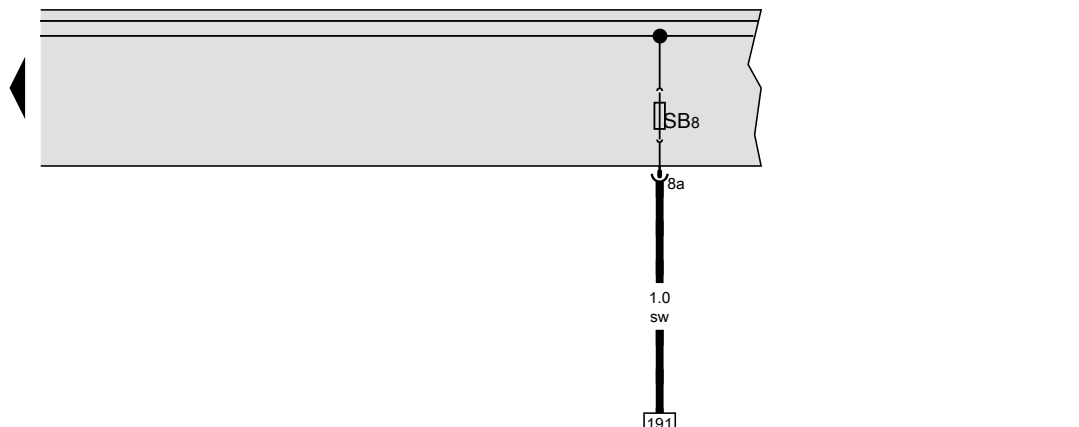
* According to equipment

*2 gradual introduction



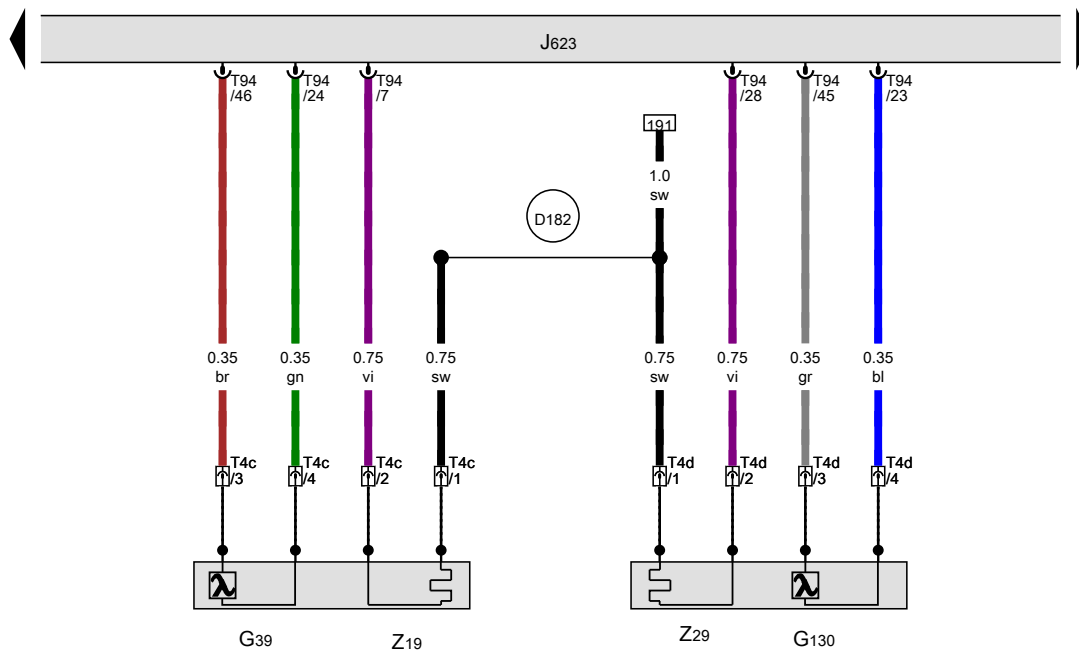
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

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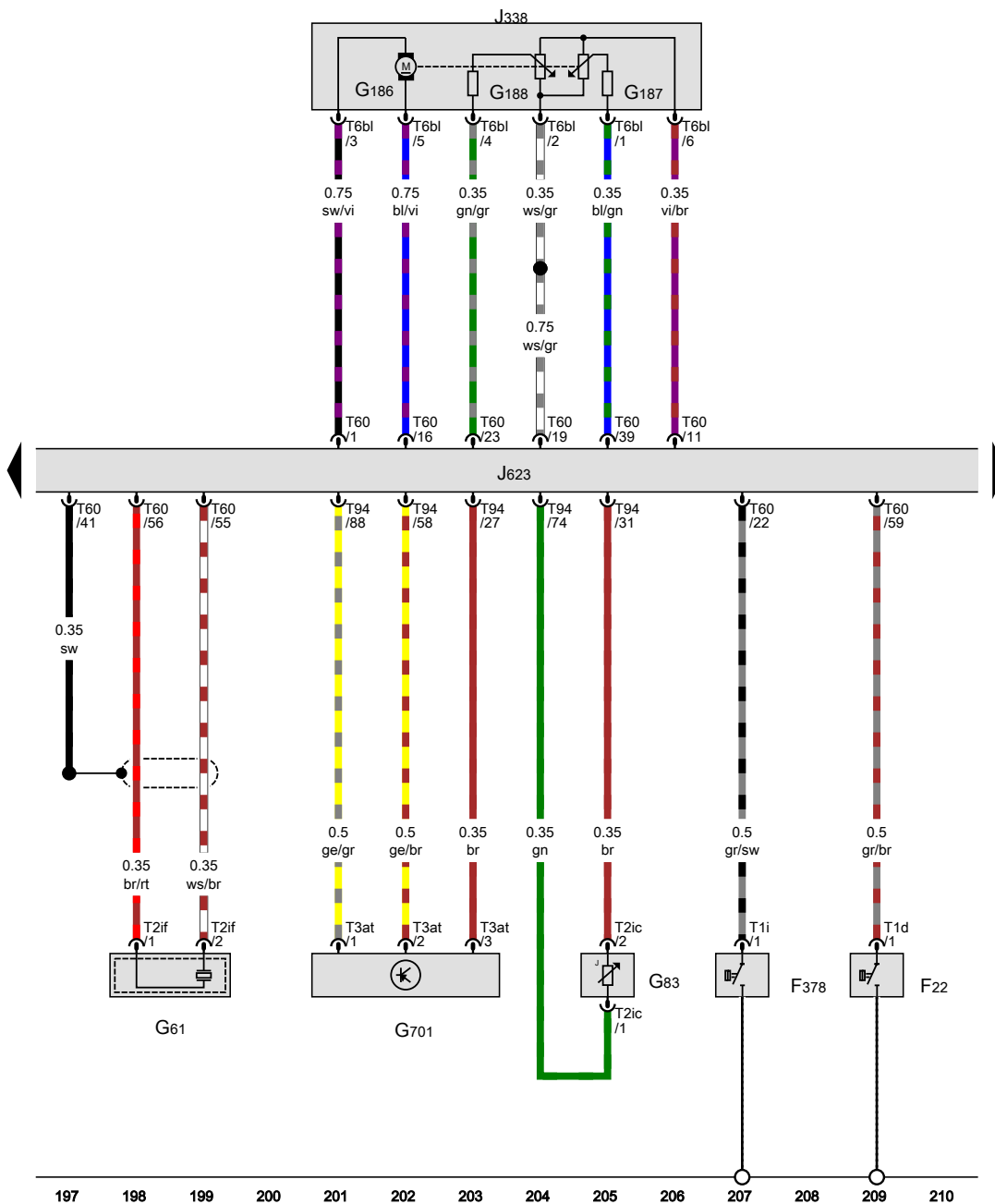


Lambda probe, Lambda probe after catalytic converter, Engine control unit, Lambda probe heater, Lambda probe 1 heater after catalytic converter

- G39 Lambda probe
- G130 Lambda probe after catalytic converter
- J623 Engine control unit
- SB8 Fuse 8 on fuse holder B
- T4c 4-pin connector
- T4d 4-pin connector
- T94 94-pin connector
- Z19 Lambda probe heater
- Z29 Lambda probe 1 heater after catalytic converter
- D182 Connection 3 (87a) in engine compartment wiring harness



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Oil pressure switch, Oil pressure switch for reduced oil pressure, Knock sensor 1, Radiator outlet coolant temperature sender, Gearbox neutral position sender, Throttle valve module, Engine control unit

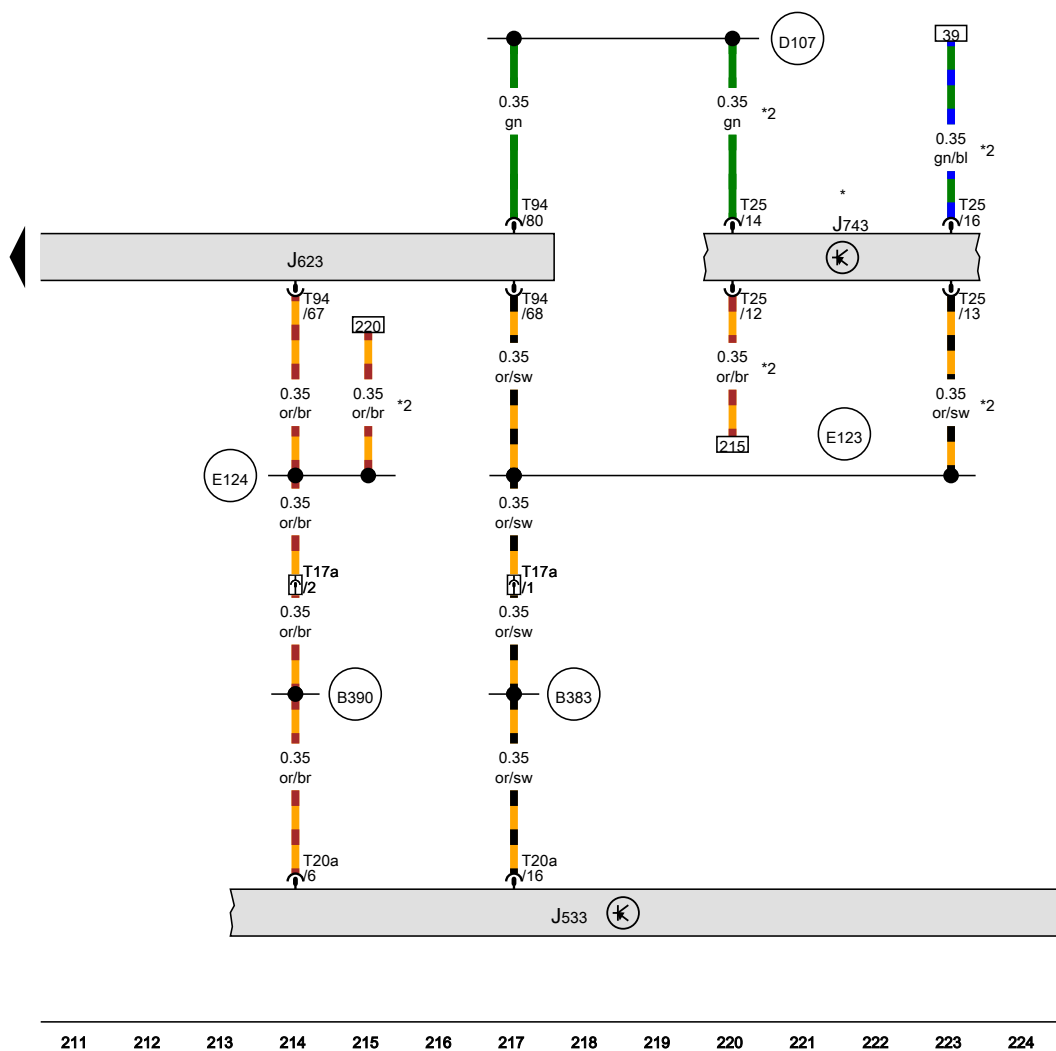
- F22 Oil pressure switch
- F378 Oil pressure switch for reduced oil pressure
- G61 Knock sensor 1
- G83 Radiator outlet coolant temperature sender
- G186 Throttle valve drive for electric throttle
- G187 Throttle valve drive angle sender 1 for electric throttle
- G188 Throttle valve drive angle sender 2 for electric throttle
- G701 Gearbox neutral position sender
- J338 Throttle valve module
- J623 Engine control unit
- T1d Single connector
- T1i Single connector
- T2ic 2-pin connector
- T2if 2-pin connector
- T3at 3-pin connector
- T6bl 6-pin connector
- T60 60-pin connector
- T94 94-pin connector

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Data bus diagnostic interface, Engine control unit, Mechatronic unit for dual clutch gearbox

- J533 Data bus diagnostic interface
- J623 Engine control unit
- J743 Mechatronic unit for dual clutch gearbox
- T17a 17-pin connector
- T20a 20-pin connector
- T25 25-pin connector
- T94 94-pin connector

- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- D107 Connection 5 in engine compartment wiring harness
- E123 Connection 1 (powertrain CAN bus, high), in engine wiring harness
- E124 Connection 1 (powertrain CAN bus, low), in engine wiring harness
- * see applicable current flow diagram for dual clutch gearbox
- *2 Only models with dual clutch gearbox



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- rs = pink

Control unit in dash panel insert, Data bus diagnostic interface

J285 Control unit in dash panel insert
J533 Data bus diagnostic interface
T18 18-pin connector
T20a 20-pin connector

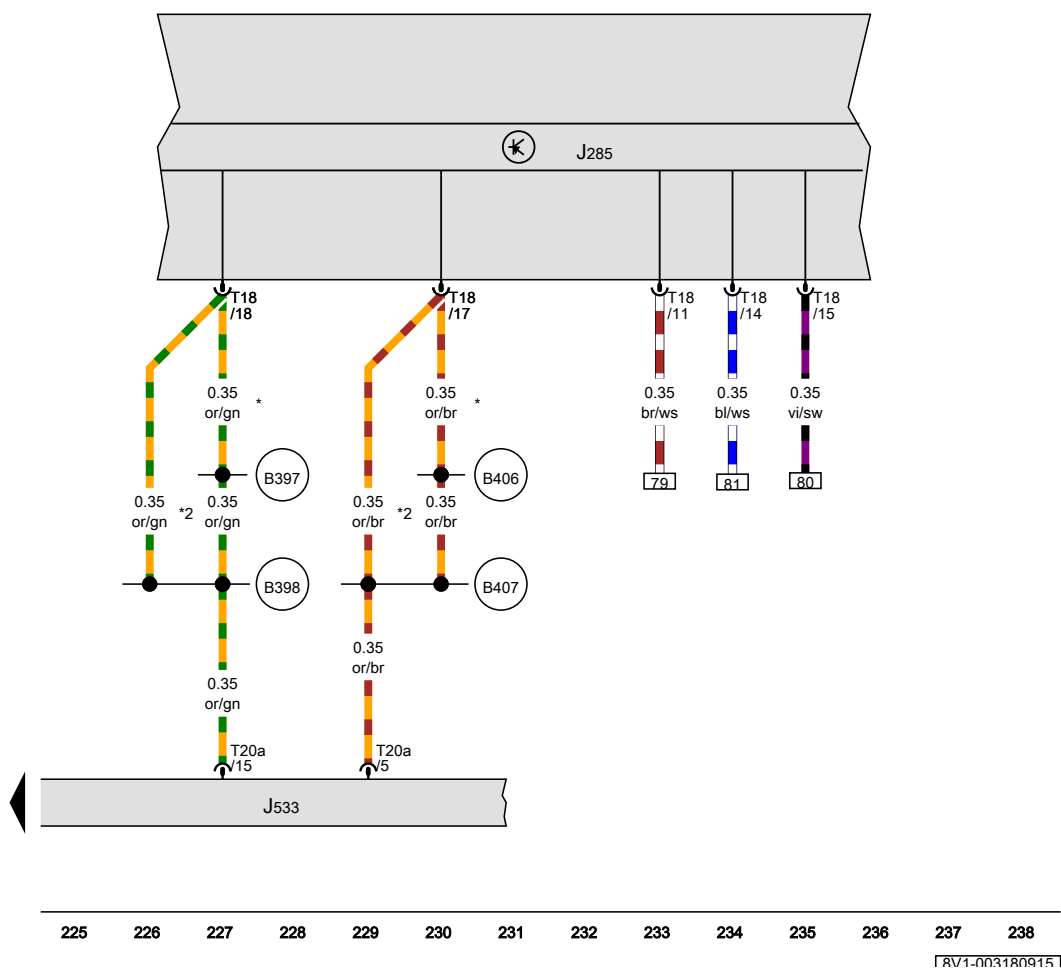
B397 Connection 1 (convenience CAN bus, high), in main wiring harness

B398 Connection 2 (convenience CAN bus, high), in main wiring harness

B406 Connection 1 (convenience CAN bus, low), in main wiring harness

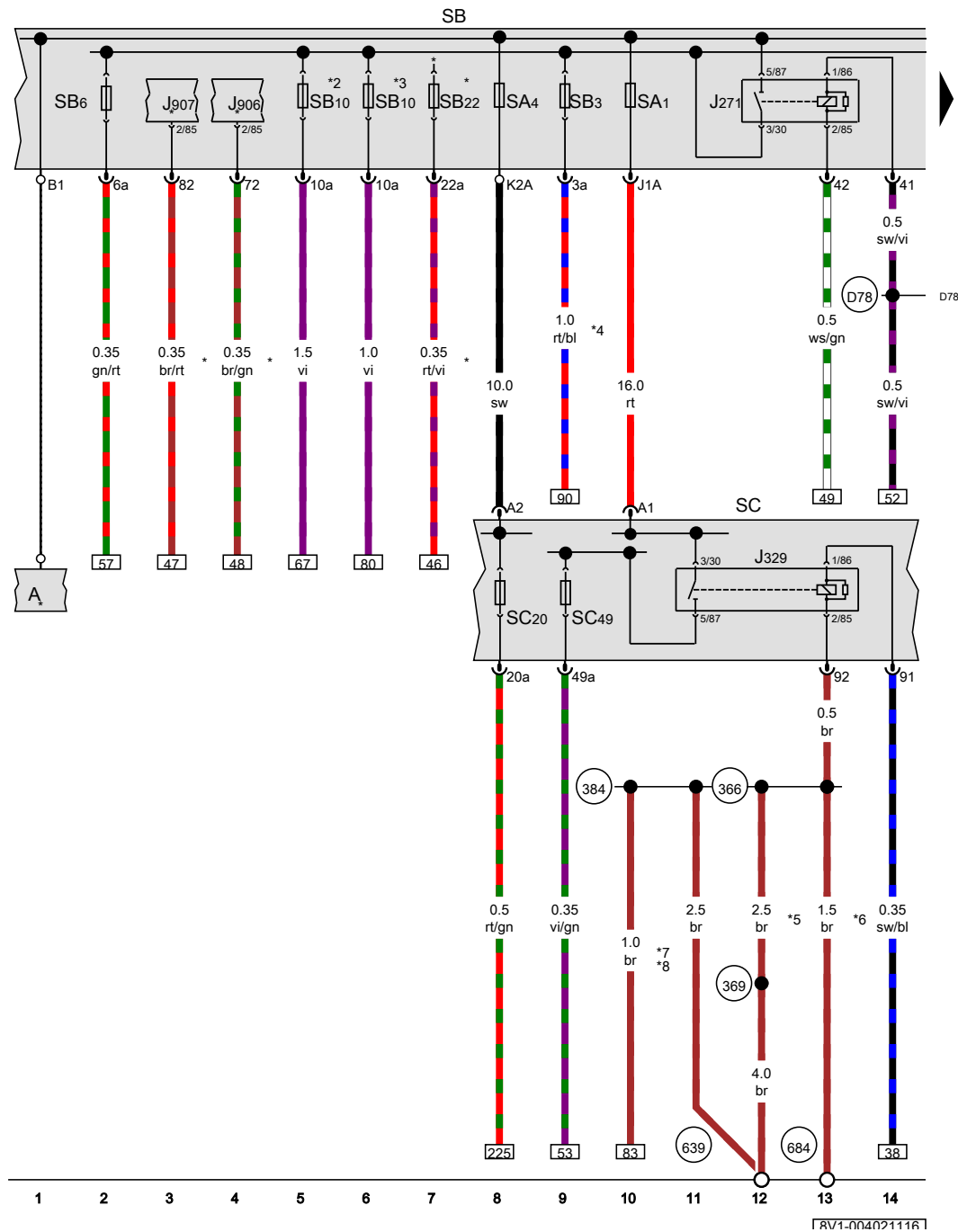
B407 Connection 2 (convenience CAN bus, low), in main wiring harness

* Only left-hand drive models
*2 Only right-hand drive models



1.8l petrol engine , CJSA,CJSB,CNSB

From March 2012

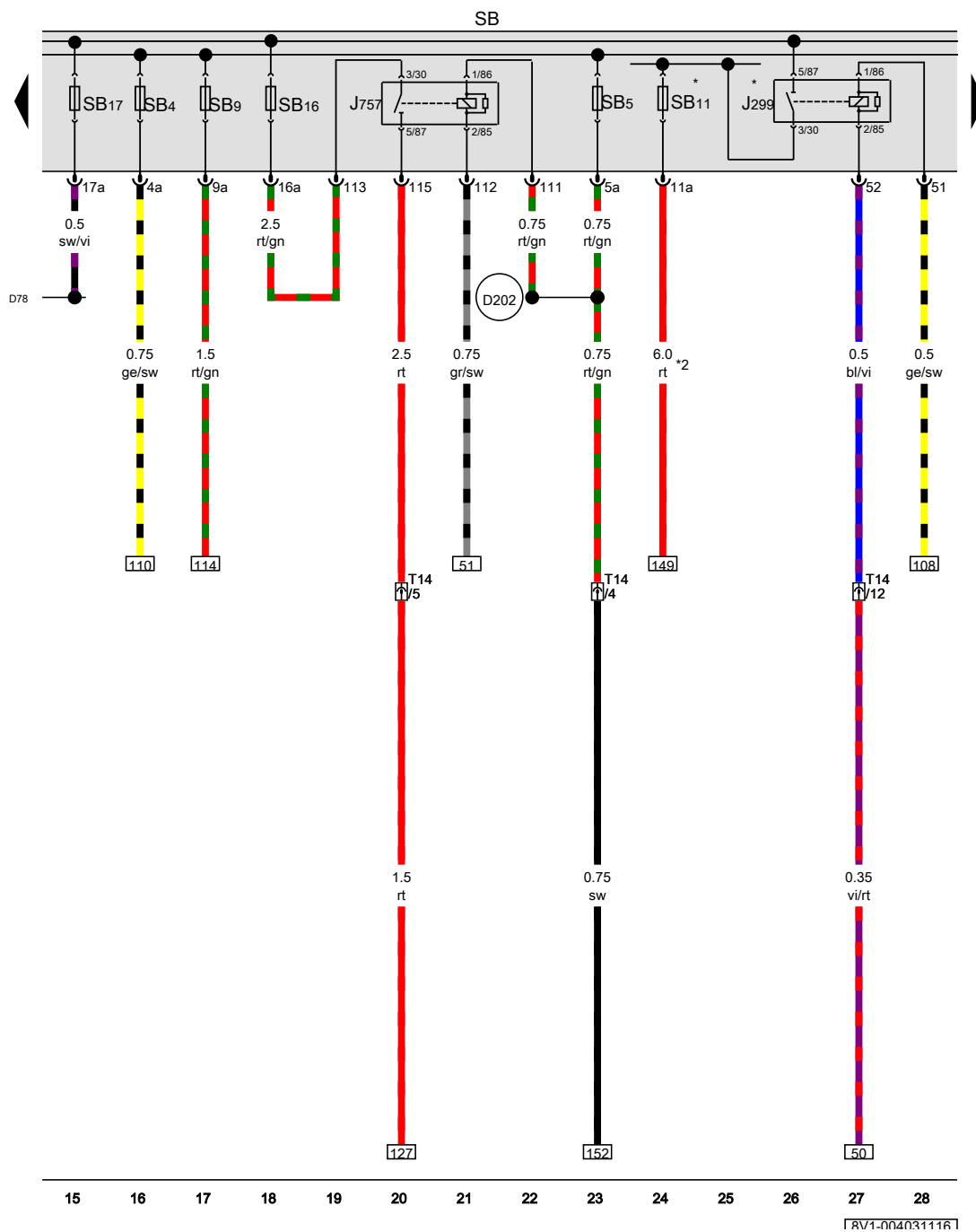


Main relay, Terminal 15 voltage supply relay, Fuse holder C

- A Battery
- J271 Main relay
- J329 Terminal 15 voltage supply relay
- J906 Starter relay 1
- J907 Starter relay 2
- SA1 Fuse 1 on fuse holder A
- SB3 Fuse 3 on fuse holder B
- SA4 Fuse 4 on fuse holder A
- SB Fuse holder B
- SB6 Fuse 6 on fuse holder B
- SB10 Fuse 10 on fuse holder B
- SC Fuse holder C
- SC20 Fuse 20 on fuse holder C
- SB22 Fuse 22 on fuse holder B
- SC49 Fuse 49 on fuse holder C

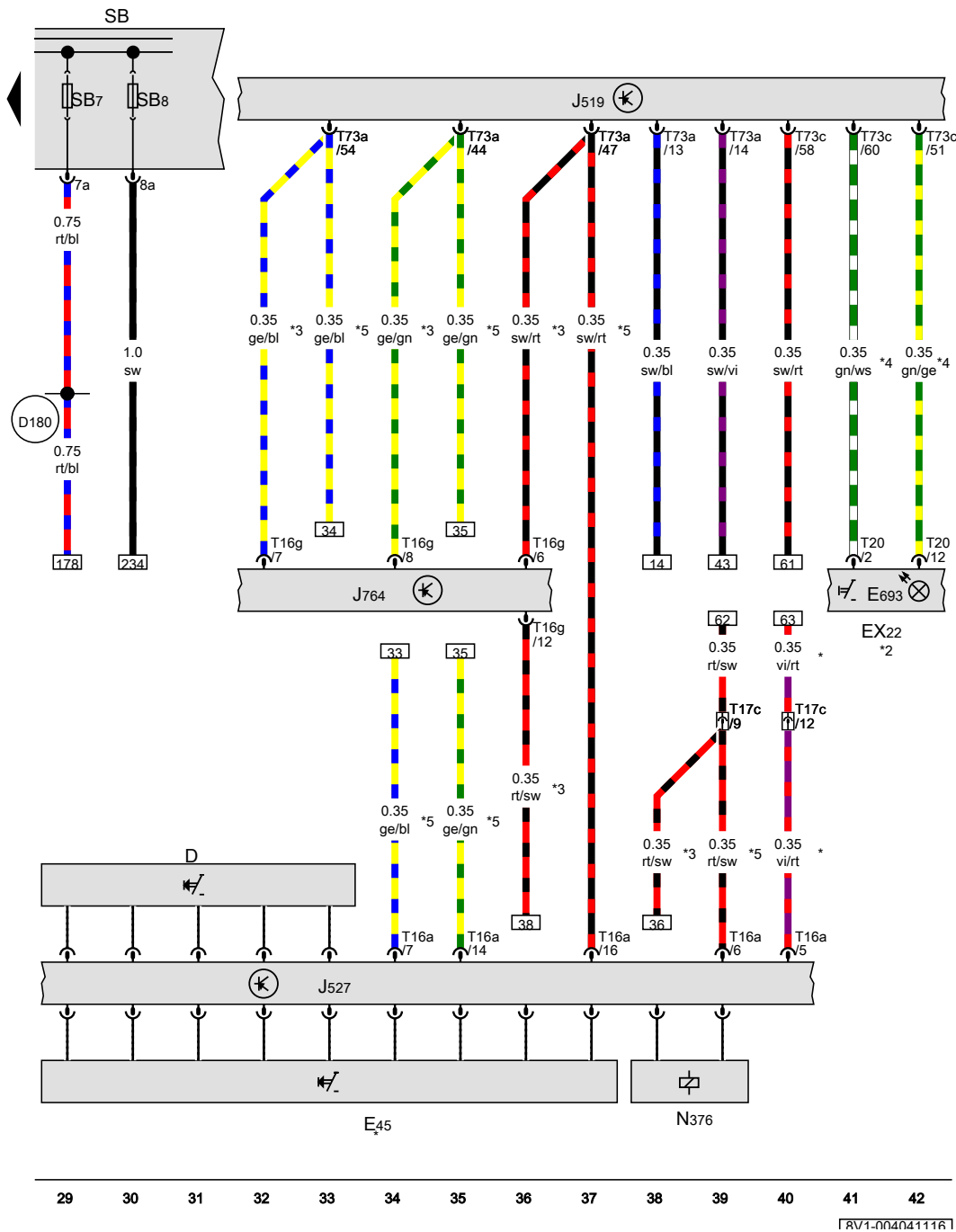
- 366 Earth connection 1, in main wiring harness
- 369 Earth connection 4, in main wiring harness
- 384 Earth connection 19, in main wiring harness
- 639 Earth point, left A-pillar
- 684 Earth point on front of left side member
- D78 Positive connection 1 (30a), in engine compartment wiring harness
- * see applicable current flow diagram for battery in engine compartment
- *2 Only models with front-wheel drive
- *3 Only models with all-wheel drive
- *4 Wiring colour depends on equipment
- *5 Only left-hand drive models
- *6 Only right-hand drive models
- *7 Only models with auxiliary heating
- *8 Only models with 4-doors

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- rs = pink



Secondary air pump relay, Engine component current supply relay

- J299 Secondary air pump relay
- J757 Engine component current supply relay
- SB Fuse holder B
- SB4 Fuse 4 on fuse holder B
- SB5 Fuse 5 on fuse holder B
- SB9 Fuse 9 on fuse holder B
- SB11 Fuse 11 on fuse holder B
- SB16 Fuse 16 on fuse holder B
- SB17 Fuse 17 on fuse holder B
- T14 14-pin connector
- D78 Positive connection 1 (30a), in engine compartment wiring harness
- D202 Connection 6 (87a), in engine compartment wiring harness
- * Only models with US equipment
- *2 Cross section depends on equipment



Ignition/starter switch, Centre switch module in dash panel, Cruise control system switch, Onboard supply control unit, Steering column electronics control unit, Fuse 7 on fuse holder B, Fuse 8 on fuse holder B

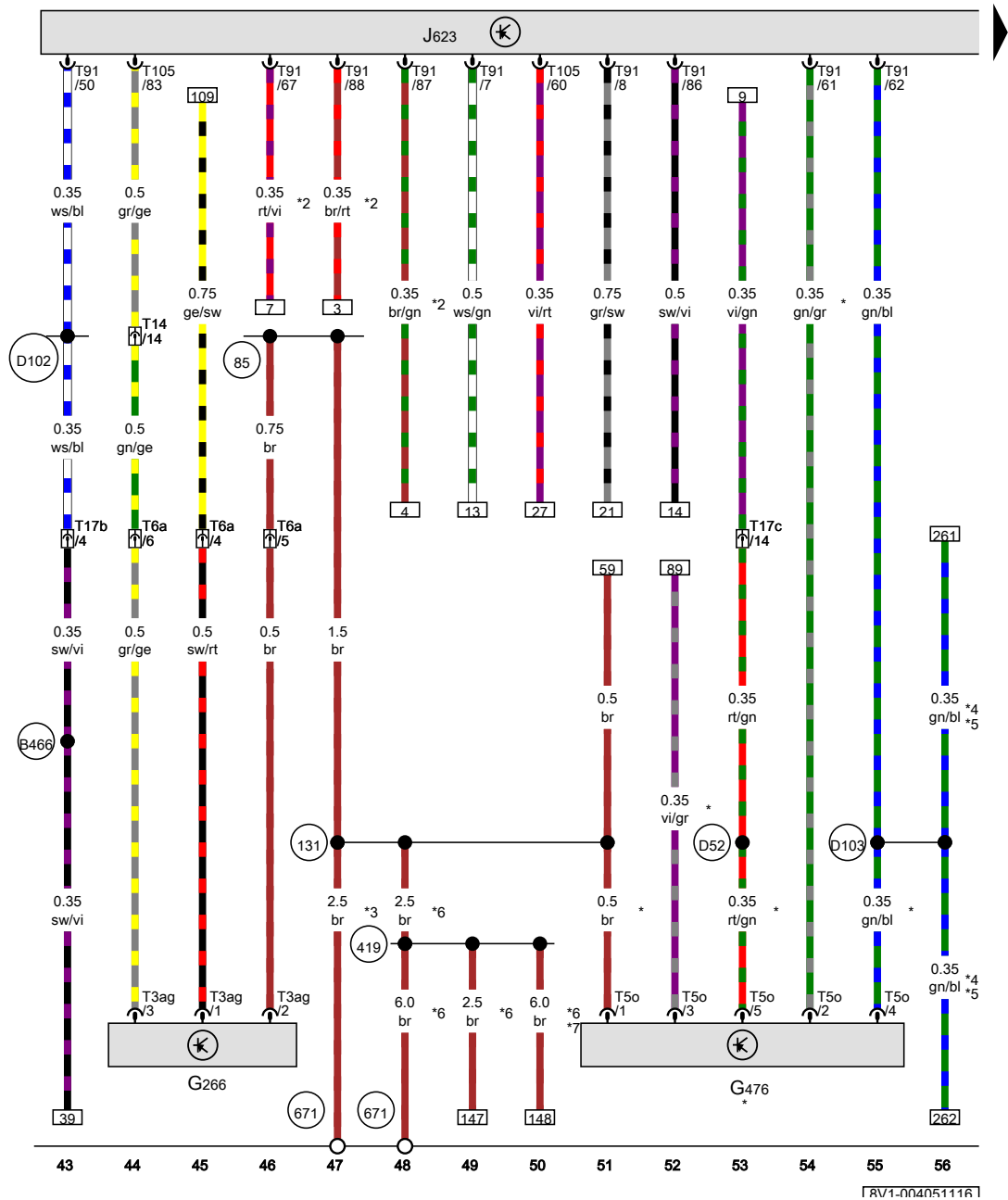
- D Ignition/starter switch
- EX22 Centre switch module in dash panel
- E45 Cruise control system switch
- E693 Start/Stop operation button
- J519 Onboard supply control unit
- J527 Steering column electronics control unit
- J764 Control unit for electronic steering column lock
- N376 Ignition key withdrawal lock solenoid
- SB Fuse holder B
- SB7 Fuse 7 on fuse holder B
- SB8 Fuse 8 on fuse holder B
- T16a 16-pin connector
- T16g 16-pin connector
- T17c 17-pin connector
- T20 20-pin connector
- T73a 73-pin connector
- T73c 73-pin connector

D180 Connection (87a), in engine compartment wiring harness

- * Only models with cruise control system (CCS)
- *2 see applicable current flow diagram for battery in engine compartment
- *3 Only models with entry and start authorisation
- *4 Only models with start/stop system
- *5 Only models with no entry and start authorisation

ws = white
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rt = red
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bl = blue
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li = purple
vi = purple
ge = yellow
or = orange
rs = pink

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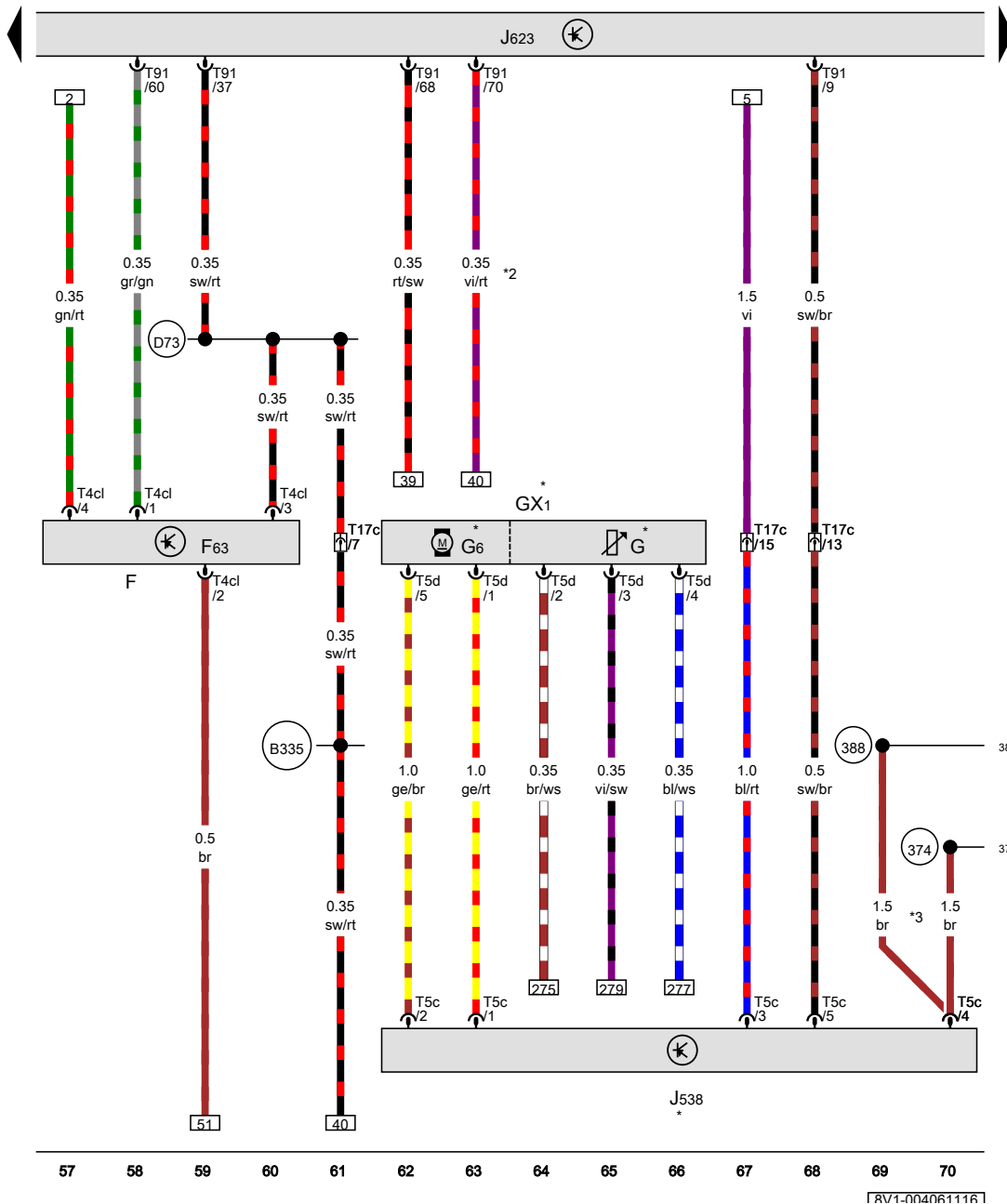
Oil level and oil temperature sender, Clutch position sender, Engine control unit

- G266 Oil level and oil temperature sender
- G476 Clutch position sender
- J623 Engine control unit
- T3ag 3-pin connector
- T5o 5-pin connector
- T6a 6-pin connector
- T14 14-pin connector
- T17b 17-pin connector
- T17c 17-pin connector
- T91 91-pin connector
- T105 105-pin connector

- 85 Earth connection 1, in engine compartment wiring harness
- 131 Earth connection 2, in engine compartment wiring harness
- 419 Earth connection 11, in engine compartment wiring harness
- 671 Earth point 1, on front of left longitudinal member
- B466 Connection 2, in main wiring harness
- D52 Positive connection (15a), in engine compartment wiring harness
- D102 Connection 2 in engine compartment wiring harness
- D103 Connection 3 in engine compartment wiring harness

- * Only models with manual gearbox
- *2 see applicable current flow diagram for battery in engine compartment
- *3 Gradually discontinued
- *4 According to equipment
- *5 see applicable current flow diagram for dual clutch gearbox
- *6 gradual introduction
- *7 Cross section depends on equipment

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- ge = yellow
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Brake light switch, Brake pedal switch, Fuel gauge sender, Fuel delivery unit, Fuel system pressurisation pump, Engine control unit

- F Brake light switch
- F63 Brake pedal switch
- G Fuel gauge sender
- GX1 Fuel delivery unit
- G6 Fuel system pressurisation pump
- J538 Fuel pump control unit
- J623 Engine control unit
- T4cl 4-pin connector
- T5c 5-pin connector
- T5d 5-pin connector
- T17c 17-pin connector
- T91 91-pin connector

374 Earth connection 9, in main wiring harness

388 Earth connection 23, in main wiring harness

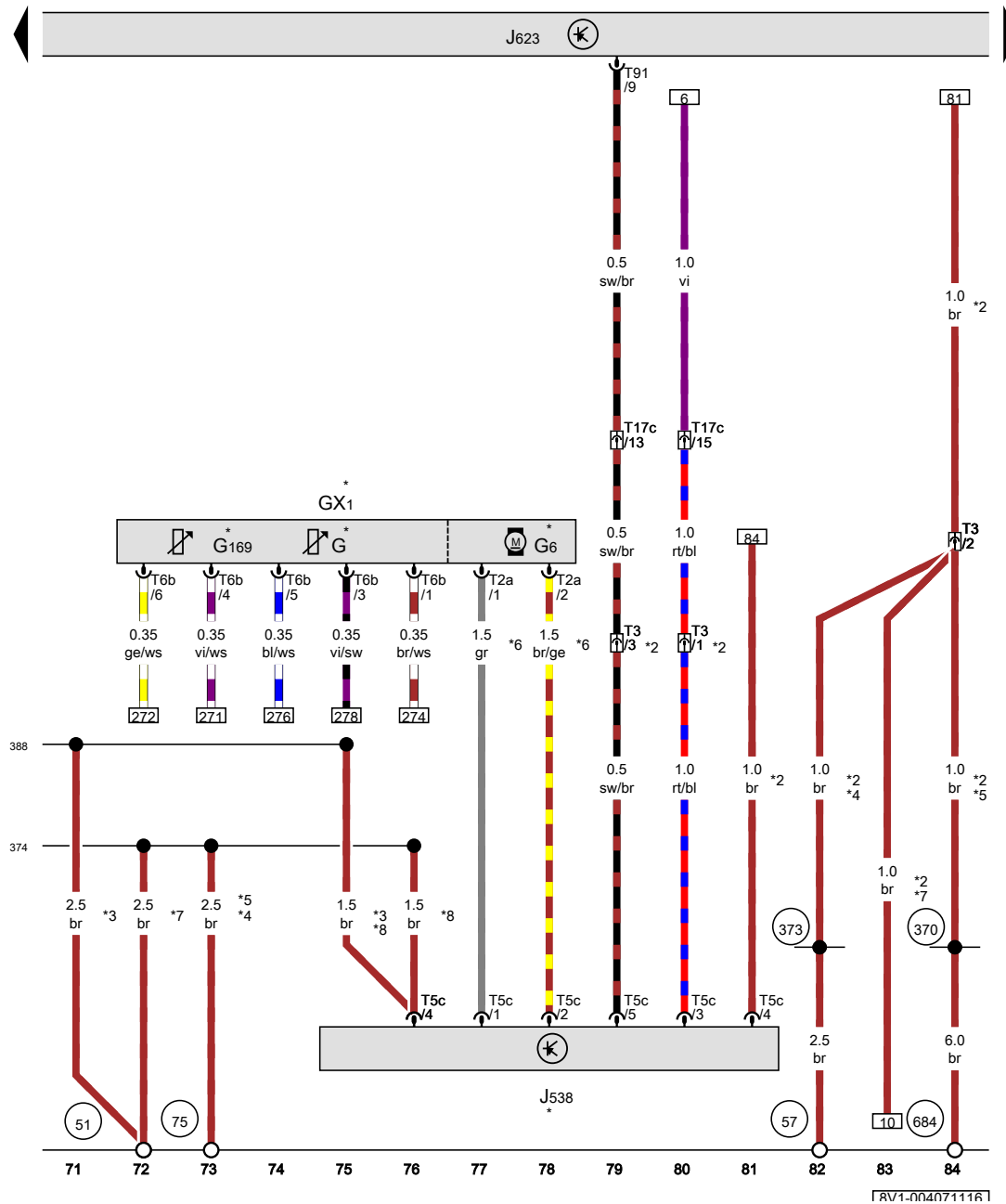
B335 Connection 1 (54), in main wiring harness

D73 Positive connection (54), in engine compartment wiring harness

* Only models with front-wheel drive

*2 Only models with cruise control system (CCS)

*3 Only Cabriolet models



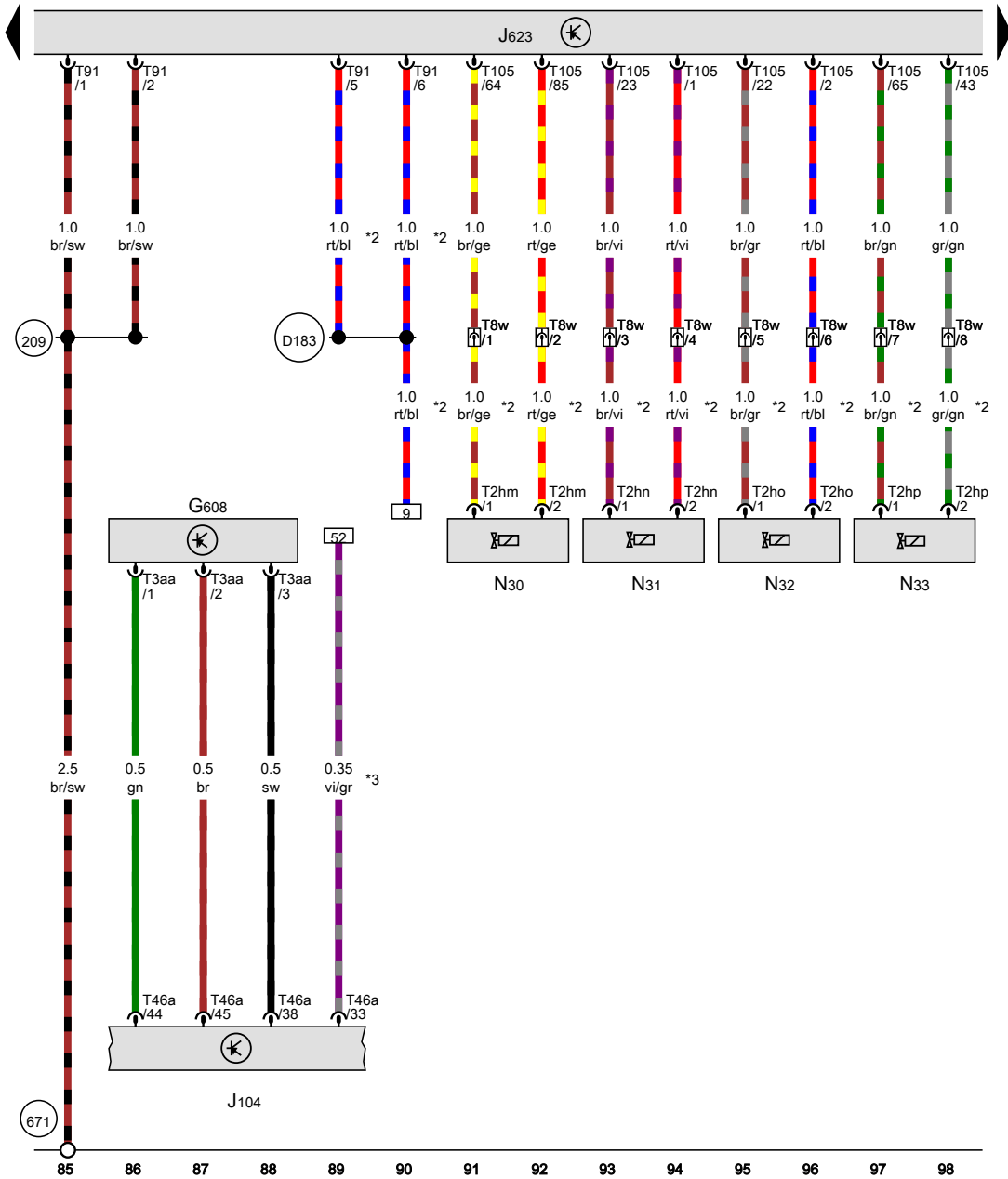
Fuel gauge sender, Fuel delivery unit, Fuel system pressurisation pump, Engine control unit

- G Fuel gauge sender
- GX1 Fuel delivery unit
- G6 Fuel system pressurisation pump
- G169 Fuel gauge sender 2
- J538 Fuel pump control unit
- J623 Engine control unit
- T2a 2-pin connector
- T3 3-pin connector
- T5c 5-pin connector
- T6b 6-pin connector
- T17c 17-pin connector
- T91 91-pin connector

- 51 Earth point, on right in luggage compartment
- 57 Earth point, rear left pillar
- 75 Earth point, rear right pillar
- 370 Earth connection 5, in main wiring harness
- 373 Earth connection 8, in main wiring harness
- 374 Earth connection 9, in main wiring harness
- 388 Earth connection 23, in main wiring harness
- 684 Earth point on front of left side member

- * Only models with all-wheel drive
- *2 Only models with auxiliary heating
- *3 Only Cabriolet models
- *4 Only models with 3-doors
- *5 Only models with 5-doors
- *6 Wiring colour depends on equipment
- *7 Only models with 4-doors
- *8 Only models with no auxiliary heater

- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



Vacuum sender, Engine control unit, Injector, cylinder 1,
Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

- G608 Vacuum sender
- J104 ABS control unit
- J623 Engine control unit
- N30 Injector, cylinder 1
- N31 Injector, cylinder 2
- N32 Injector, cylinder 3
- N33 Injector, cylinder 4
- T2hm 2-pin connector
- T2hn 2-pin connector
- T2ho 2-pin connector
- T2hp 2-pin connector
- T3aa 3-pin connector
- T8w 8-pin connector
- T46a 46-pin connector
- T91 91-pin connector
- T105 105-pin connector

209 Earth connection 6, in engine compartment wiring harness

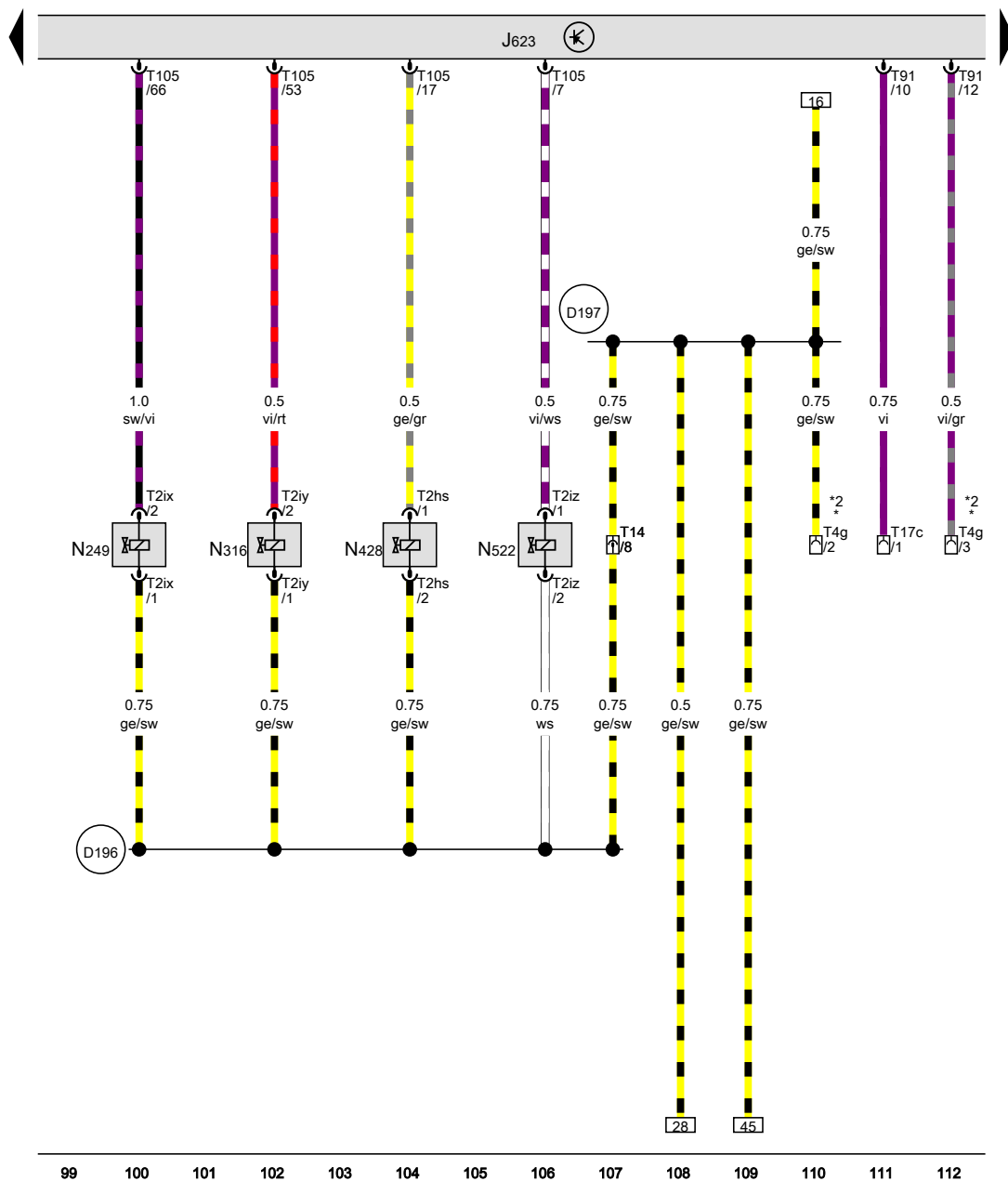
671 Earth point 1, on front of left longitudinal member

D183 Connection 4 (87a), in engine compartment wiring harness

- * Only models with auxiliary heating
- *2 Wiring colour depends on equipment
- *3 Only models with manual gearbox

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

1AV1-004081116



Engine control unit, Turbocharger air recirculation valve, Intake manifold flap valve, Valve for oil pressure control, Piston cooling jet control valve

- J623 Engine control unit
- N249 Turbocharger air recirculation valve
- N316 Intake manifold flap valve
- N428 Valve for oil pressure control
- N522 Piston cooling jet control valve
- T2hs 2-pin connector
- T2ix 2-pin connector
- T2iy 2-pin connector
- T2iz 2-pin connector
- T4g 4-pin connector
- T14 14-pin connector
- T17c 17-pin connector
- T91 91-pin connector
- T105 105-pin connector

D196 Connection 2 (87a) in engine prewiring harness

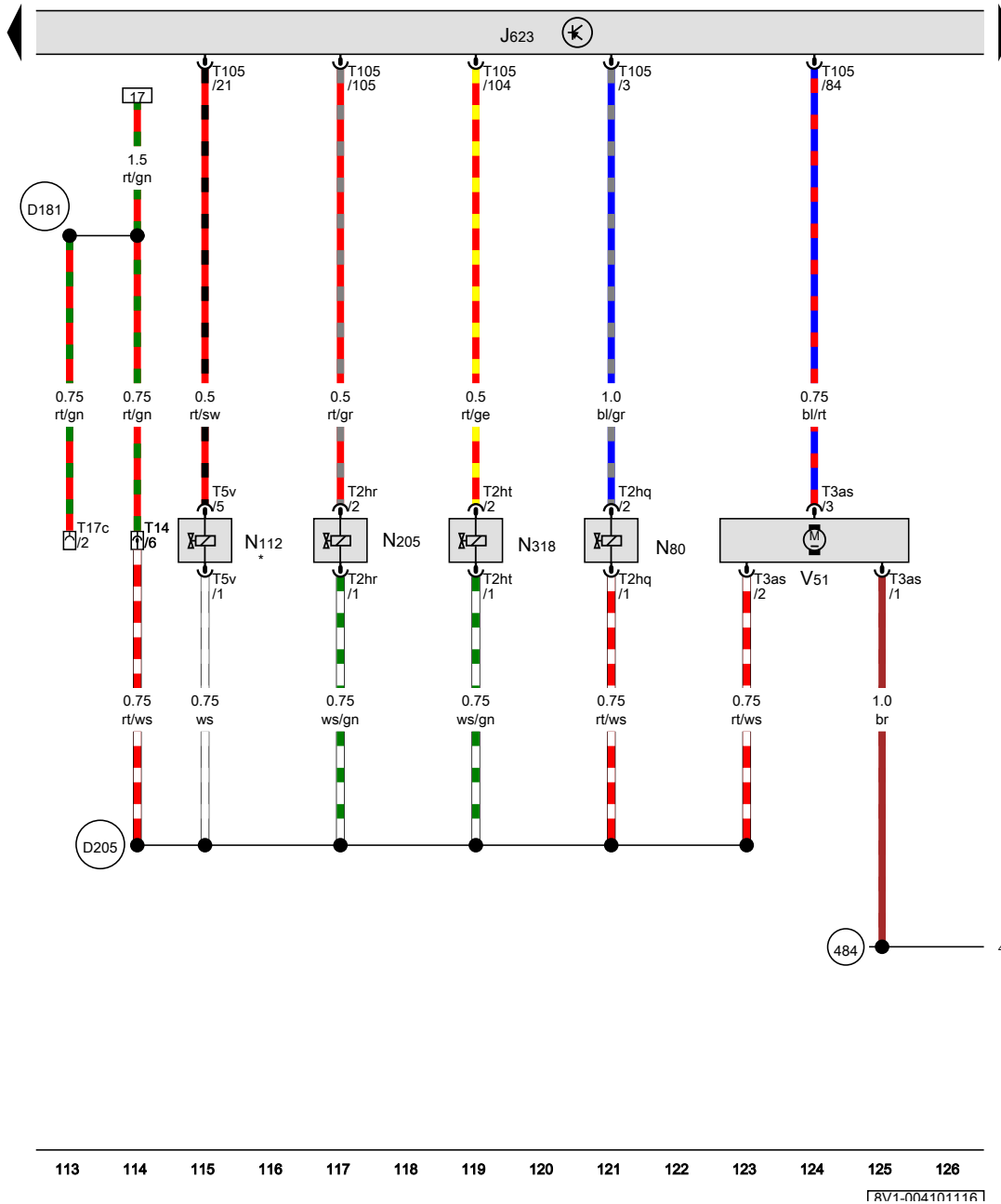
D197 Connection 5 (87a), in engine compartment wiring harness

* Radiator fan connection

*2 see applicable current flow diagram for radiator fan

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

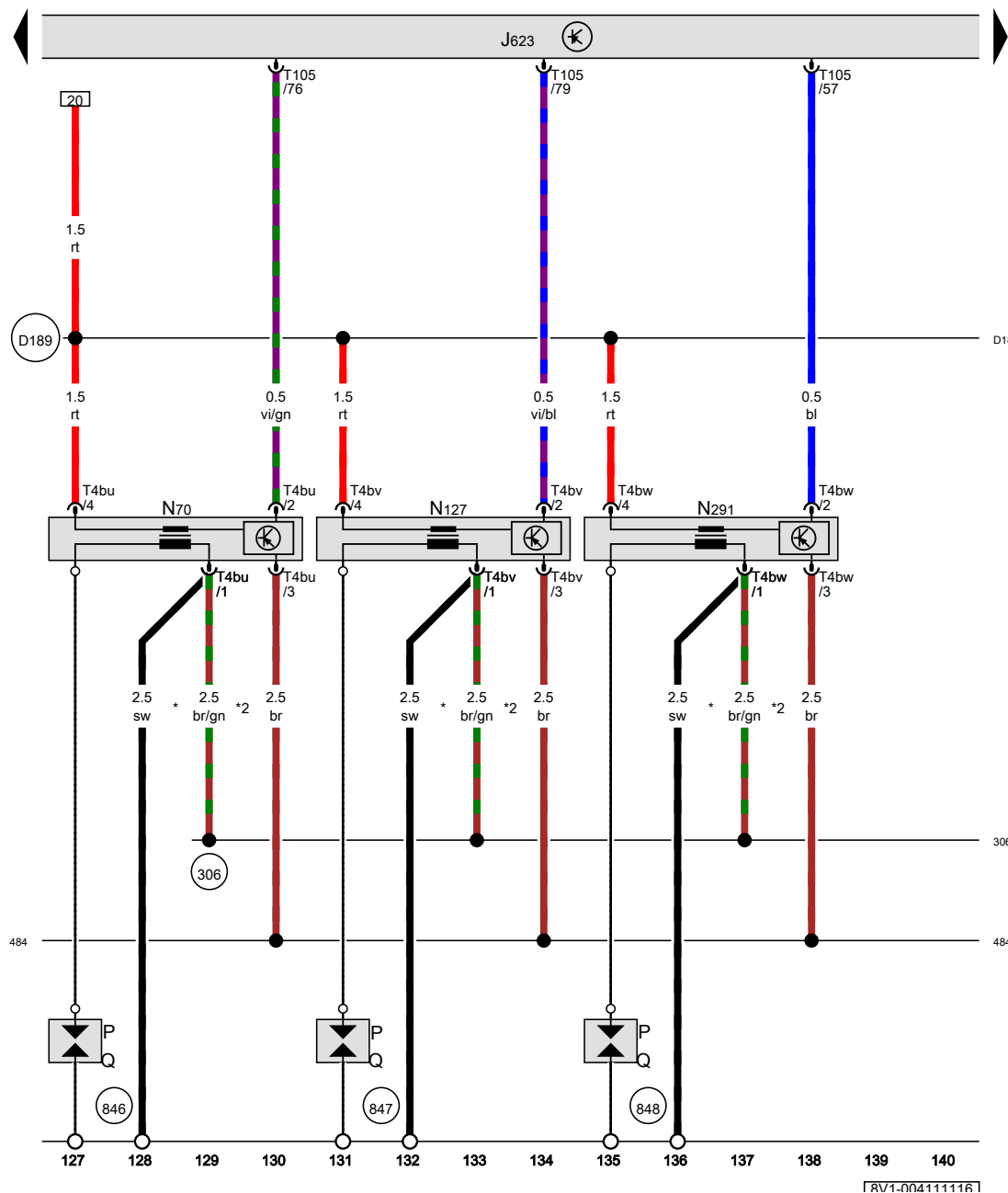
18V1-004091116



Engine control unit, Activated charcoal filter solenoid valve 1, Secondary air inlet valve, Camshaft control valve 1, Exhaust camshaft control valve 1, Continued coolant circulation pump

- J623 Engine control unit
- N80 Activated charcoal filter solenoid valve 1
- N112 Secondary air inlet valve
- N205 Camshaft control valve 1
- N318 Exhaust camshaft control valve 1
- T2hq 2-pin connector
- T2hr 2-pin connector
- T2ht 2-pin connector
- T3as 3-pin connector
- T5v 5-pin connector
- T14 14-pin connector
- T17c 17-pin connector
- T105 105-pin connector
- V51 Continued coolant circulation pump

- 484 Earth connection 2 (ignition coils), in engine prewiring harness
- D181 Connection 2 (87a), in engine compartment wiring harness
- D205 Connection 3 (87a) in engine prewiring harness
- * Only models with US equipment

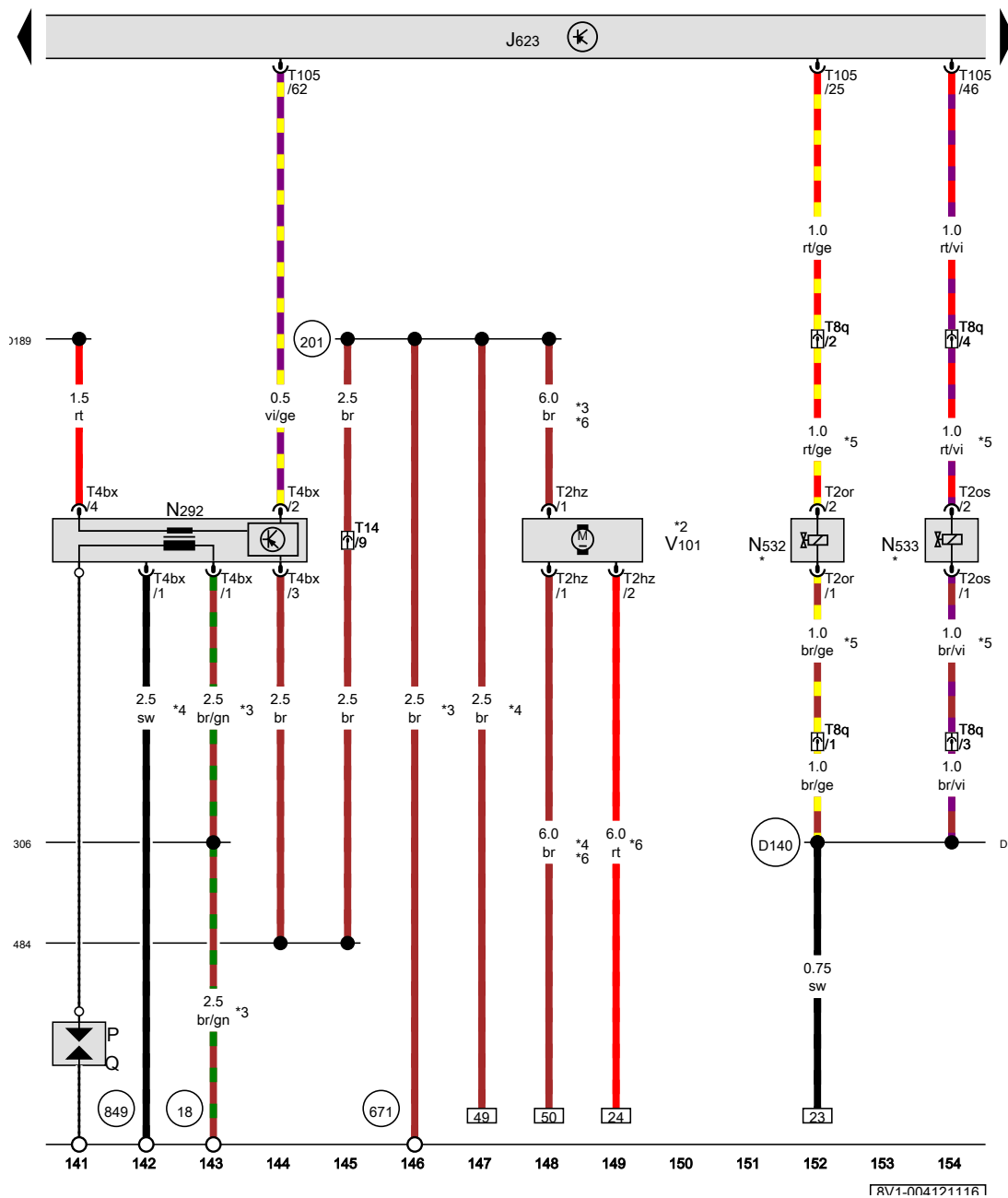


Engine control unit, Ignition coil 1 with output stage, Ignition coil 2 with output stage, Ignition coil 3 with output stage

- J623 Engine control unit
- N70 Ignition coil 1 with output stage
- N127 Ignition coil 2 with output stage
- N291 Ignition coil 3 with output stage
- P Spark plug connector
- Q Spark plugs
- T4bu 4-pin connector
- T4bv 4-pin connector
- T4bw 4-pin connector
- T105 105-pin connector

- 306 Earth connection (ignition coils), in engine prewiring harness
- 484 Earth connection 2 (ignition coils), in engine prewiring harness
- 846 Earth point on ignition coil 1
- 847 Earth point on ignition coil 2
- 848 Earth point on ignition coil 3
- D189 Connection (87a) in engine prewiring harness

- * gradual introduction
- *2 Gradually discontinued



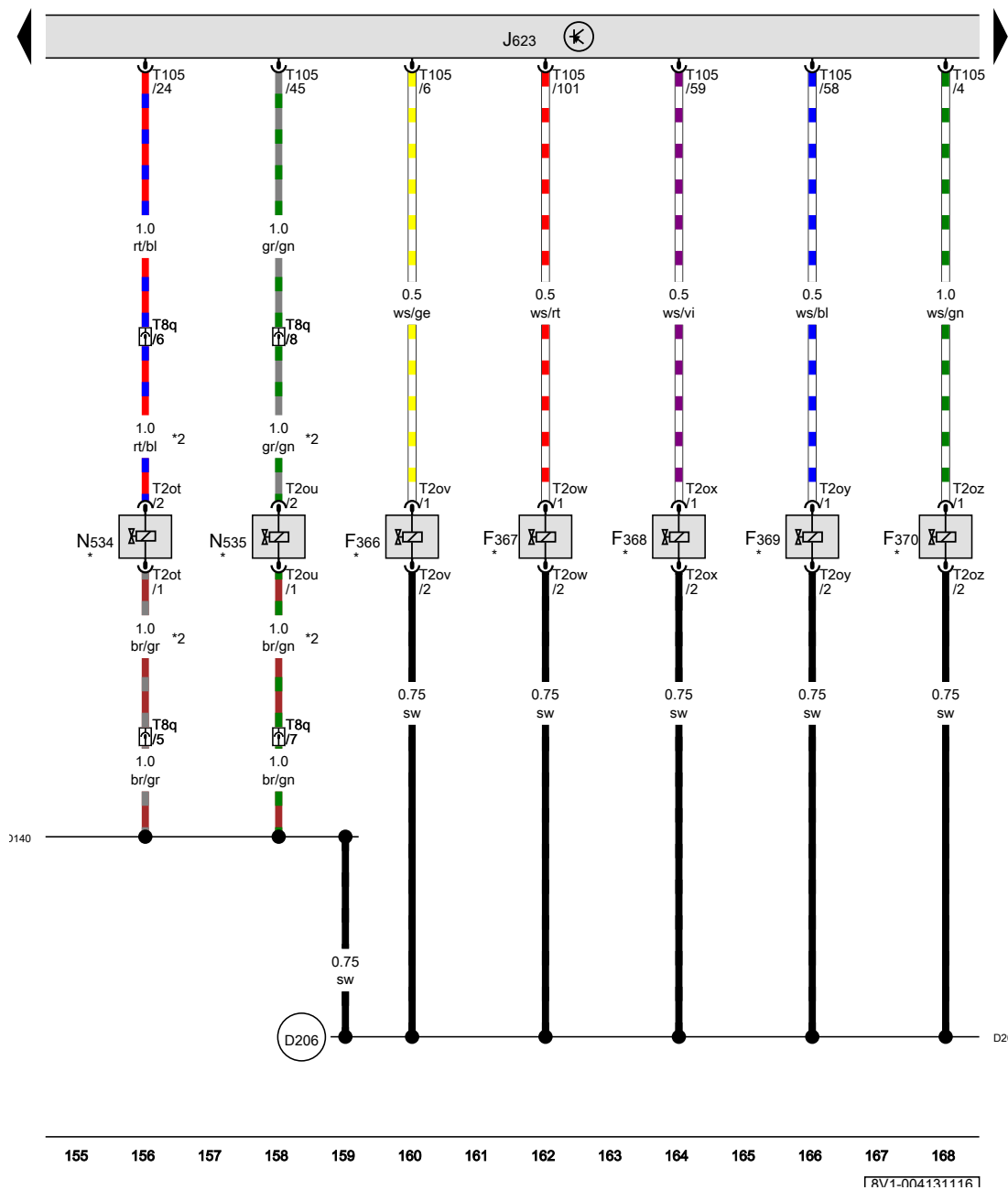
ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

Engine control unit, Ignition coil 4 with output stage, Injector 2, cylinder 1, Injector 2, cylinder 2, Secondary air pump motor

J623 Engine control unit
 N292 Ignition coil 4 with output stage
 N532 Injector 2, cylinder 1
 N533 Injector 2, cylinder 2
 P Spark plug connector
 Q Spark plugs
 T2hz 2-pin connector
 T2or 2-pin connector
 T2os 2-pin connector
 T4bx 4-pin connector
 T8q 8-pin connector
 T14 14-pin connector
 T105 105-pin connector
 V101 Secondary air pump motor

18 Earth point, on cylinder block
 201 Earth connection 5, in engine compartment wiring harness
 306 Earth connection (ignition coils), in engine prewiring harness
 484 Earth connection 2 (ignition coils), in engine prewiring harness
 671 Earth point 1, on front of left longitudinal member
 849 Earth point on ignition coil 4
 D140 Connection (injectors), in engine prewiring harness
 D189 Connection (87a) in engine prewiring harness

* Only models with no US equipment
 *2 Only models with US equipment
 *3 Gradually discontinued
 *4 gradual introduction
 *5 Wiring colour depends on equipment
 *6 Cross section depends on equipment



Actuator 1 for camshaft adjustment, Actuator 2 for camshaft adjustment, Actuator 3 for camshaft adjustment, Actuator 4 for camshaft adjustment, Actuator 5 for camshaft adjustment, Engine control unit, Injector 2, cylinder 3, Injector 2, cylinder 4

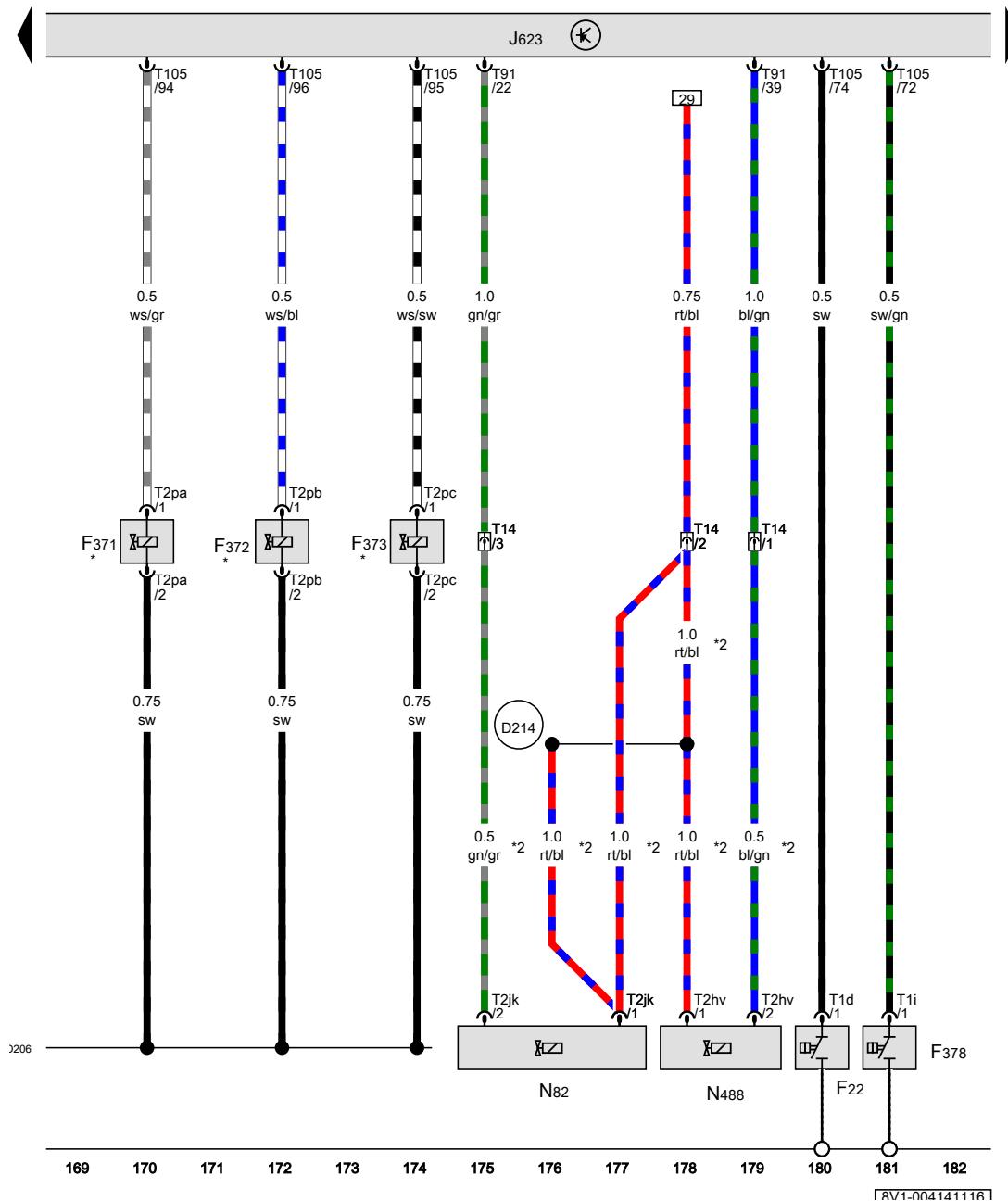
F366	Actuator 1 for camshaft adjustment
F367	Actuator 2 for camshaft adjustment
F368	Actuator 3 for camshaft adjustment
F369	Actuator 4 for camshaft adjustment
F370	Actuator 5 for camshaft adjustment
J623	Engine control unit
N534	Injector 2, cylinder 3
N535	Injector 2, cylinder 4
T2ot	2-pin connector
T2ou	2-pin connector
T2ov	2-pin connector
T2ow	2-pin connector
T2ox	2-pin connector
T2oy	2-pin connector
T2oz	2-pin connector
T8q	8-pin connector
T105	105-pin connector

D140 Connection (injectors), in engine prewiring harness

(D206) Connection 4 (87a) in engine prewiring harness

* Only models with no US equipment
*2 Wiring colour depends on equipment

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink



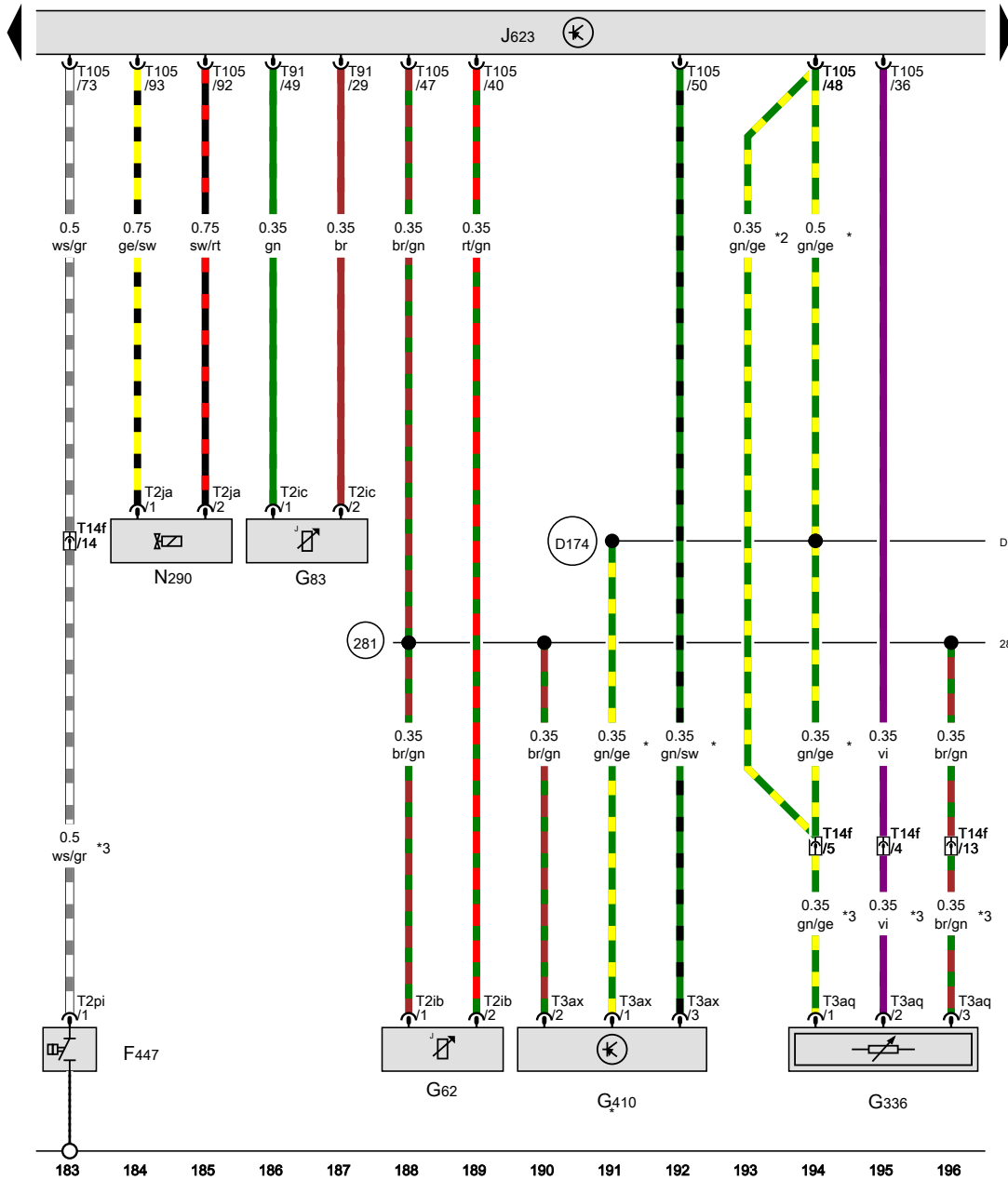
Oil pressure switch, Actuator 6 for camshaft adjustment, Actuator 7 for camshaft adjustment, Actuator 8 for camshaft adjustment, Oil pressure switch for reduced oil pressure, Engine control unit, Coolant shut-off valve, Coolant valve for gearbox

- F22 Oil pressure switch
- F371 Actuator 6 for camshaft adjustment
- F372 Actuator 7 for camshaft adjustment
- F373 Actuator 8 for camshaft adjustment
- F378 Oil pressure switch for reduced oil pressure
- J623 Engine control unit
- N82 Coolant shut-off valve
- N488 Coolant valve for gearbox
- T1d 1-pin connector
- T1i 1-pin connector
- T2hv 2-pin connector
- T2jk 2-pin connector
- T2pa 2-pin connector
- T2pb 2-pin connector
- T2pc 2-pin connector
- T14 14-pin connector
- T91 91-pin connector
- T105 105-pin connector

- D206 Connection 4 (87a) in engine prewiring harness
- D214 Connection 8 (87a), in engine compartment wiring harness

- * Only models with no US equipment
- *2 According to equipment

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



Coolant temperature sender, Radiator outlet coolant temperature sender, Intake manifold flap potentiometer, Engine control unit, Fuel metering valve

- F447 Stage 3 oil pressure switch
- G62 Coolant temperature sender
- G83 Radiator outlet coolant temperature sender
- G336 Intake manifold flap potentiometer
- G410 Fuel pressure sender for low pressure
- J623 Engine control unit
- N290 Fuel metering valve
- T2ib 2-pin connector
- T2ic 2-pin connector
- T2ja 2-pin connector
- T2pi 2-pin connector
- T3aq 3-pin connector
- T3ax 3-pin connector
- T14f 14-pin connector, in engine compartment
- T91 91-pin connector
- T105 105-pin connector

281 Earth point 1, engine prewiring harness

D174 Connection 2 (5V) in engine prewiring harness

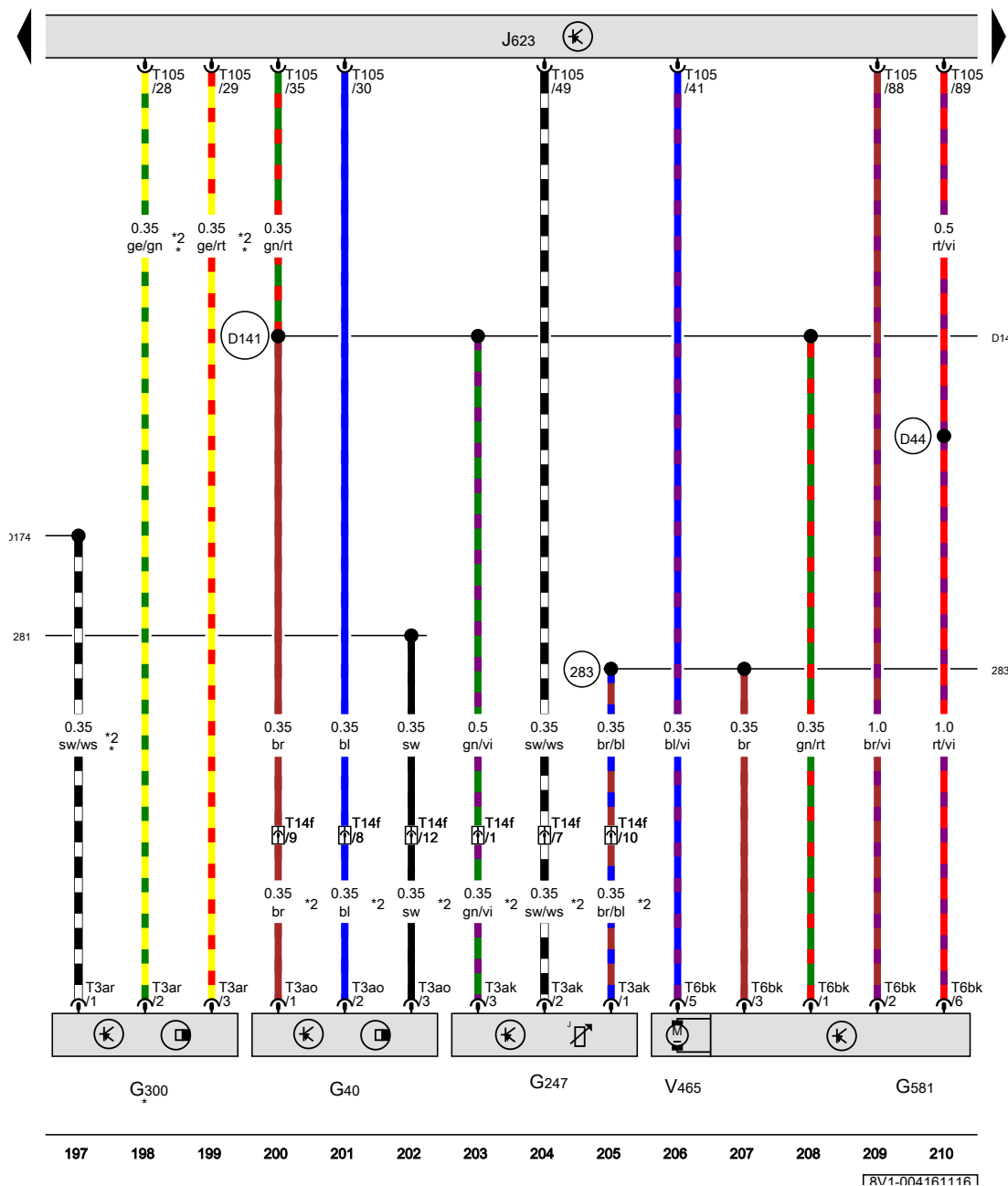
* Only models with no US equipment

*2 Only models with US equipment

*3 Wiring colour depends on equipment

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

18V1-004151116



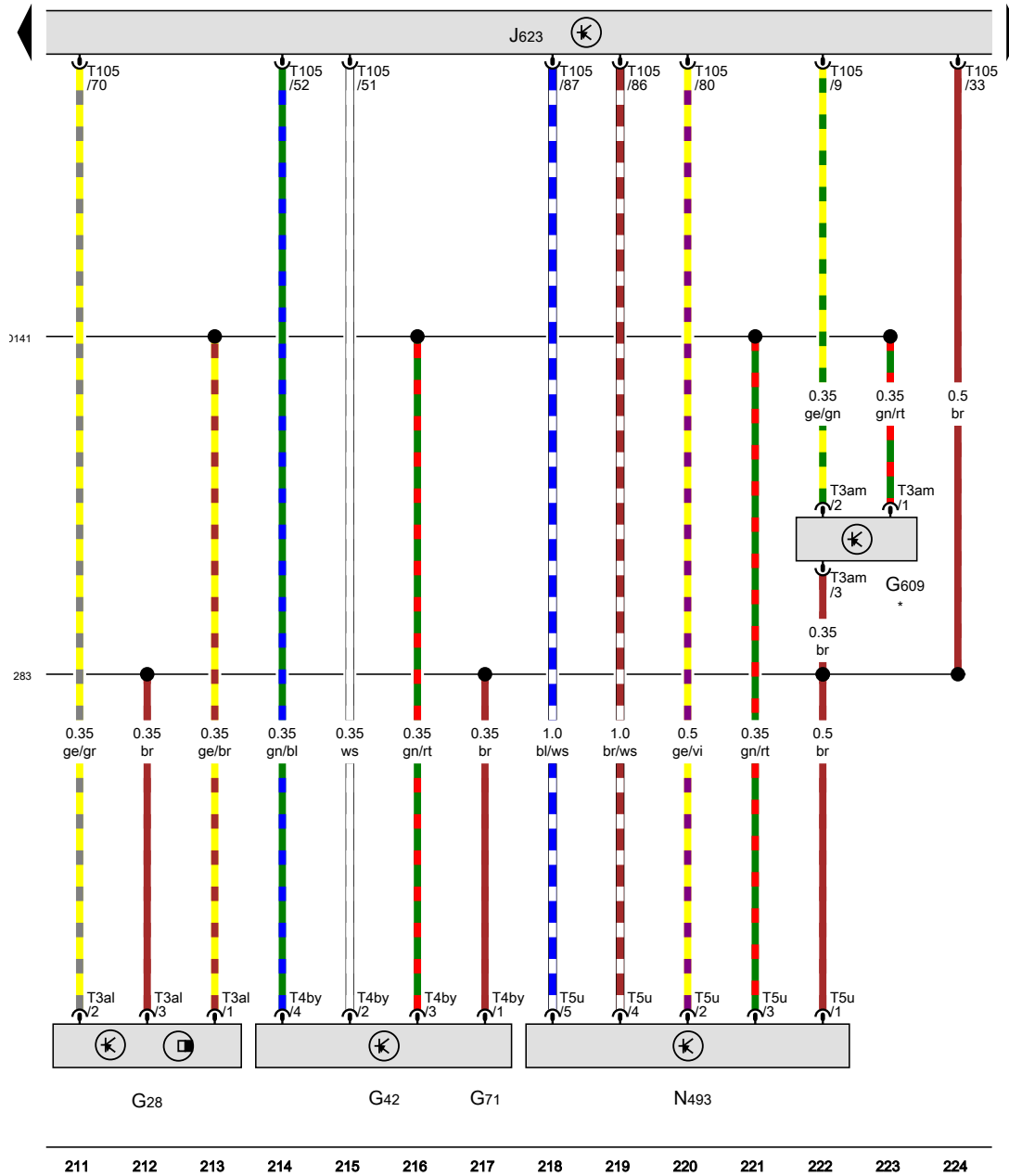
Hall sender, Fuel pressure sender, Hall sender 3, Engine control unit, Charge pressure positioner

- G40 Hall sender
- G247 Fuel pressure sender
- G300 Hall sender 3
- G581 Position sender for charge pressure positioner
- J623 Engine control unit
- T3ak 3-pin connector
- T3ao 3-pin connector
- T3ar 3-pin connector
- T6bk 6-pin connector
- T14f 14-pin connector, in engine compartment
- T105 105-pin connector
- V465 Charge pressure positioner

- 281 Earth point 1, engine prewiring harness
- 283 Earth point 2, engine prewiring harness
- D44 Connection 6, in engine prewiring harness
- D141 Connection (5V) in engine prewiring harness
- D174 Connection 2 (5V) in engine prewiring harness

- * Only models with no US equipment
- *2 Wiring colour depends on equipment

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



Engine speed sender, Intake air temperature sender, Intake manifold pressure sender, Sender 1 for secondary air pressure, Engine control unit, Actuator for engine temperature regulation

- G28 Engine speed sender
- G42 Intake air temperature sender
- G71 Intake manifold pressure sender
- G609 Sender 1 for secondary air pressure
- J623 Engine control unit
- N493 Actuator for engine temperature regulation
- T3al 3-pin connector
- T3am 3-pin connector
- T4by 4-pin connector
- T5u 5-pin connector
- T105 105-pin connector

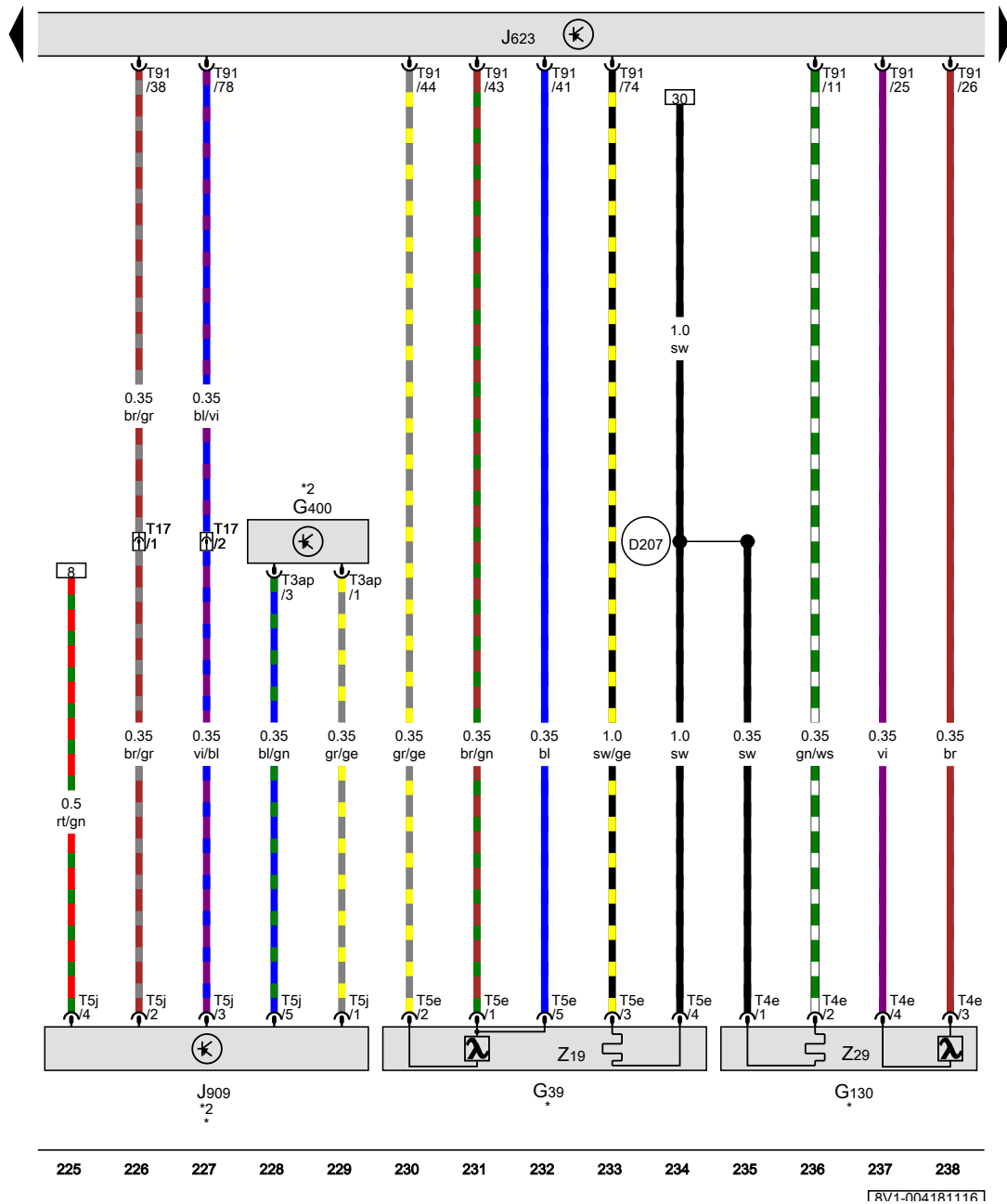
283 Earth point 2, engine prewiring harness

D141 Connection (5V) in engine prewiring harness

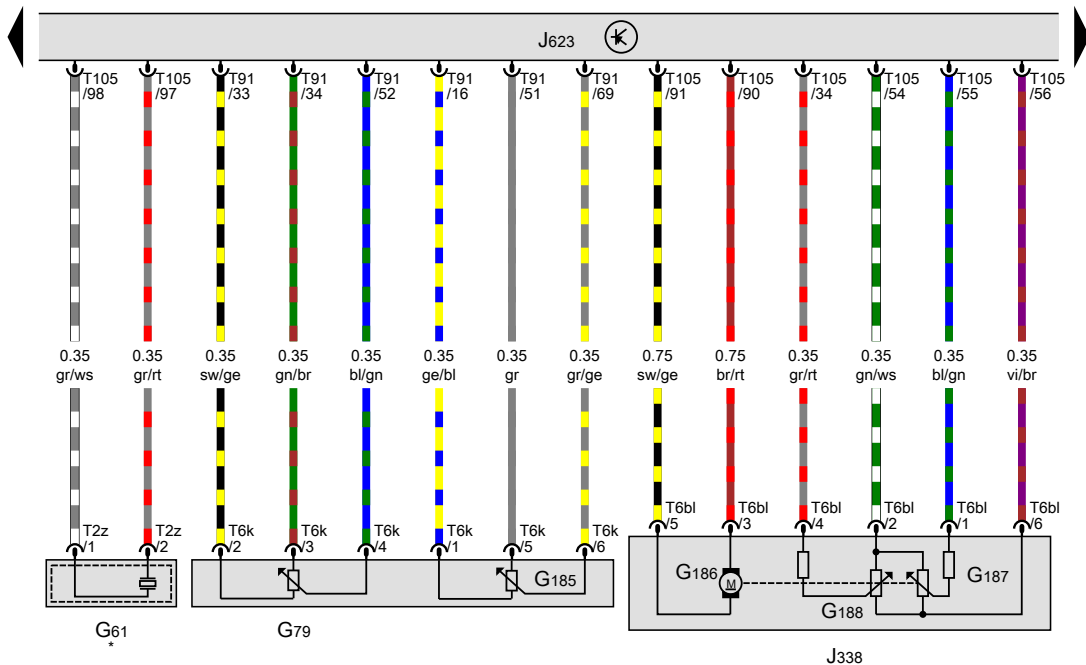
* Only for American markets

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Lambda probe, Lambda probe after catalytic converter,
Engine control unit, Control unit for fuel tank leak detection

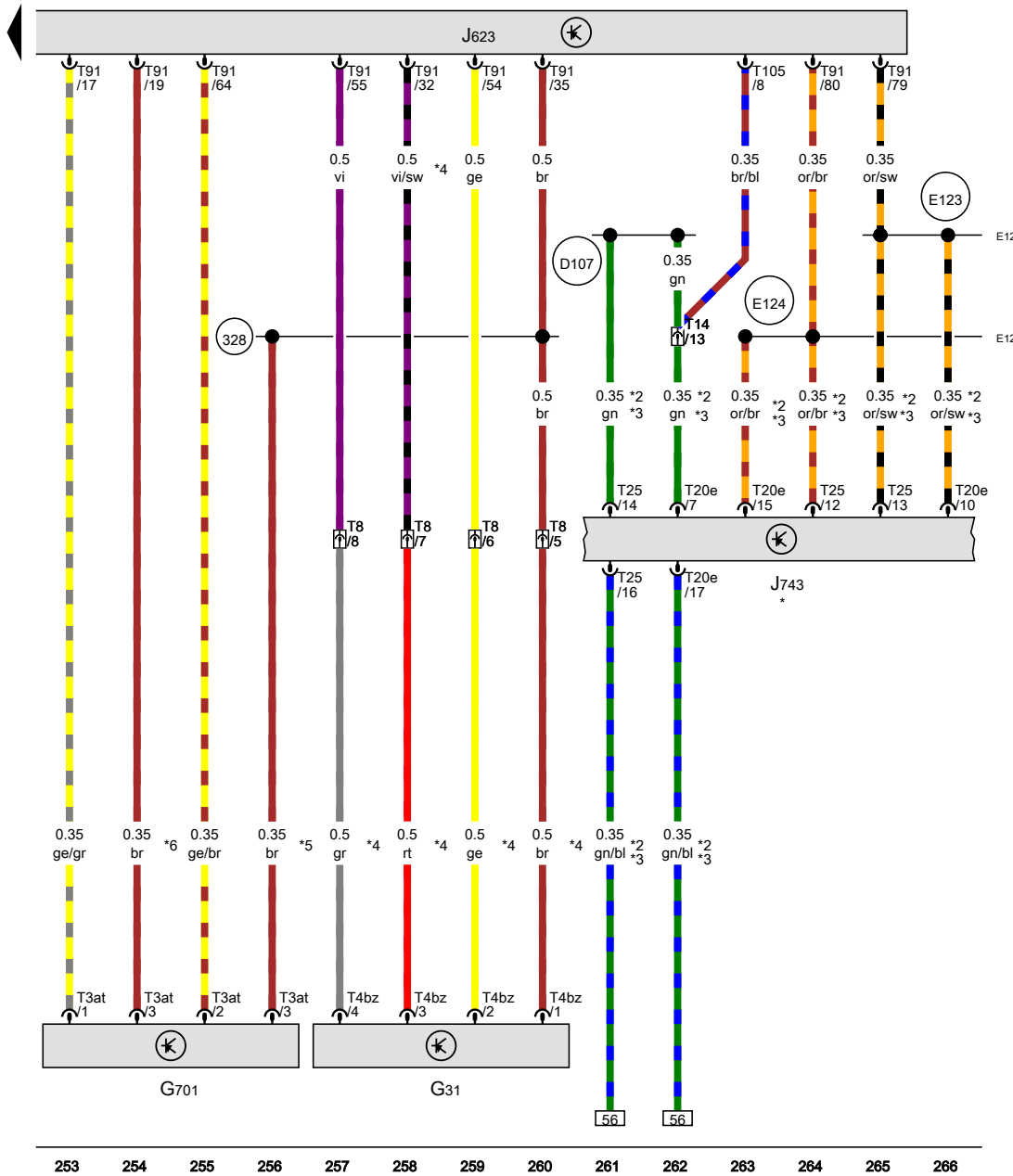


- G39 Lambda probe
- G130 Lambda probe after catalytic converter
- G400 Tank pressure sensor
- J623 Engine control unit
- J909 Control unit for fuel tank leak detection
- T3ap 3-pin connector
- T4e 4-pin connector
- T5e 5-pin connector
- T5j 5-pin connector
- T17 17-pin connector
- T91 91-pin connector
- Z19 Lambda probe heater
- Z29 Lambda probe 1 heater after catalytic converter
- D207 Connection 7 (87a), in engine compartment wiring harness
- * Pre-wired component
- *2 Only for American markets



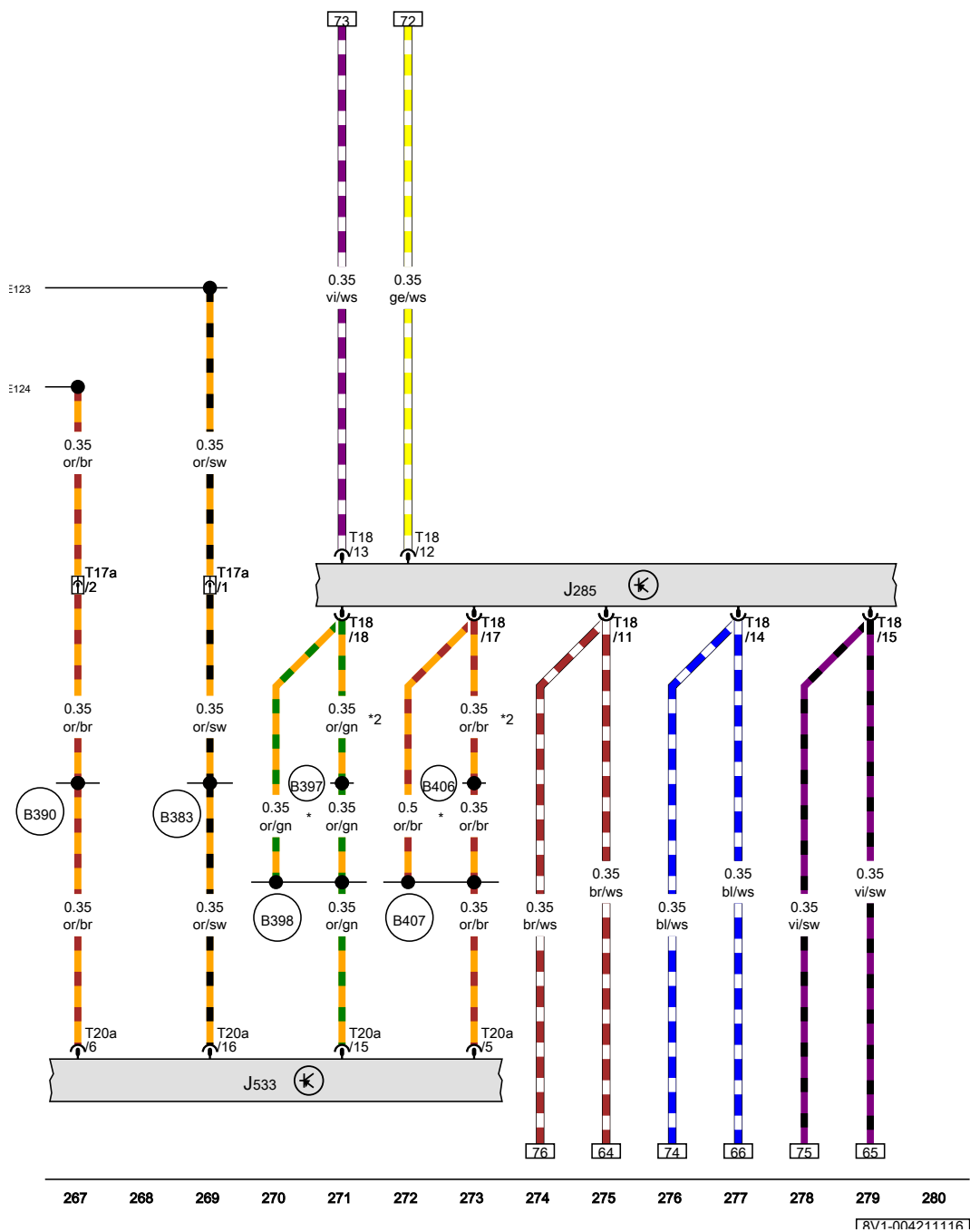
Knock sensor 1, Accelerator position sender, Accelerator position sender 2, Throttle valve module, Engine control unit

- G61 Knock sensor 1
- G79 Accelerator position sender
- G185 Accelerator position sender 2
- G186 Throttle valve drive for electric throttle
- G187 Throttle valve drive angle sender 1 for electric throttle
- G188 Throttle valve drive angle sender 2 for electric throttle
- J338 Throttle valve module
- J623 Engine control unit
- T2z 2-pin connector
- T6bl 6-pin connector
- T6k 6-pin connector
- T91 91-pin connector
- T105 105-pin connector
- * Pre-wired component



Charge pressure sender, Gearbox neutral position sender, Engine control unit, Mechatronic unit for dual clutch gearbox

- G31 Charge pressure sender
- G701 Gearbox neutral position sender
- J623 Engine control unit
- J743 Mechatronic unit for dual clutch gearbox
- T3at 3-pin connector
- T4bz 4-pin connector
- T8 8-pin connector
- T14 14-pin connector
- T20e 20-pin connector
- T25 25-pin connector
- T91 91-pin connector
- T105 105-pin connector
- 328 Earth connection 2 (sender earth), in engine compartment wiring harness
- D107 Connection 5 in engine compartment wiring harness
- E123 Connection 1 (powertrain CAN bus, high), in engine wiring harness
- E124 Connection 1 (powertrain CAN bus, low), in engine wiring harness
- * Only models with dual clutch gearbox
- *2 According to equipment
- *3 see applicable current flow diagram for dual clutch gearbox
- *4 Wiring colour depends on equipment
- *5 Gradually discontinued
- *6 gradual introduction



Control unit in dash panel insert, Data bus diagnostic interface

- J285 Control unit in dash panel insert
- J533 Data bus diagnostic interface
- T17a 17-pin connector
- T18 18-pin connector
- T20a 20-pin connector

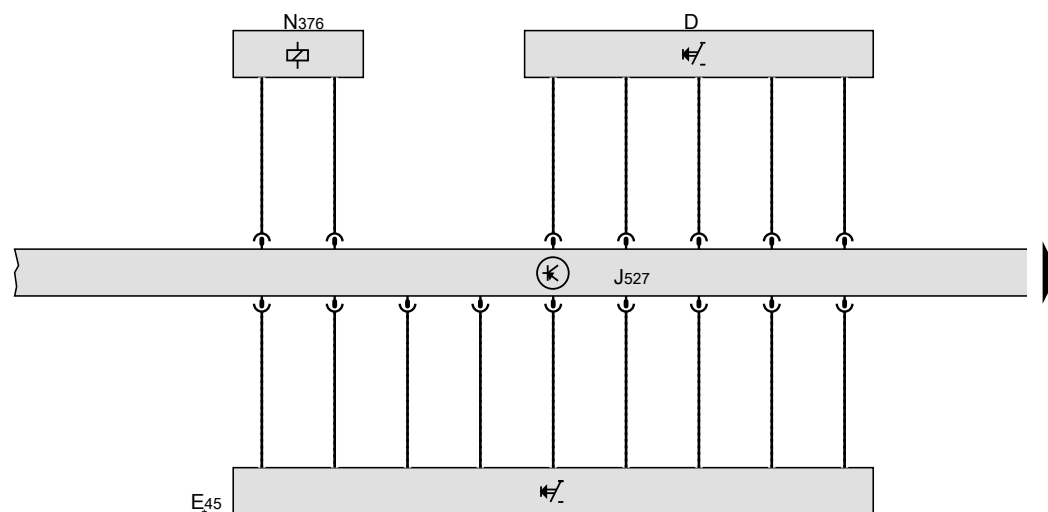
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness
- E123 Connection 1 (powertrain CAN bus, high), in engine wiring harness
- E124 Connection 1 (powertrain CAN bus, low), in engine wiring harness
- * Only right-hand drive models
- *2 Only left-hand drive models

2.0l diesel engine , CRLB,CRLC,CUNA

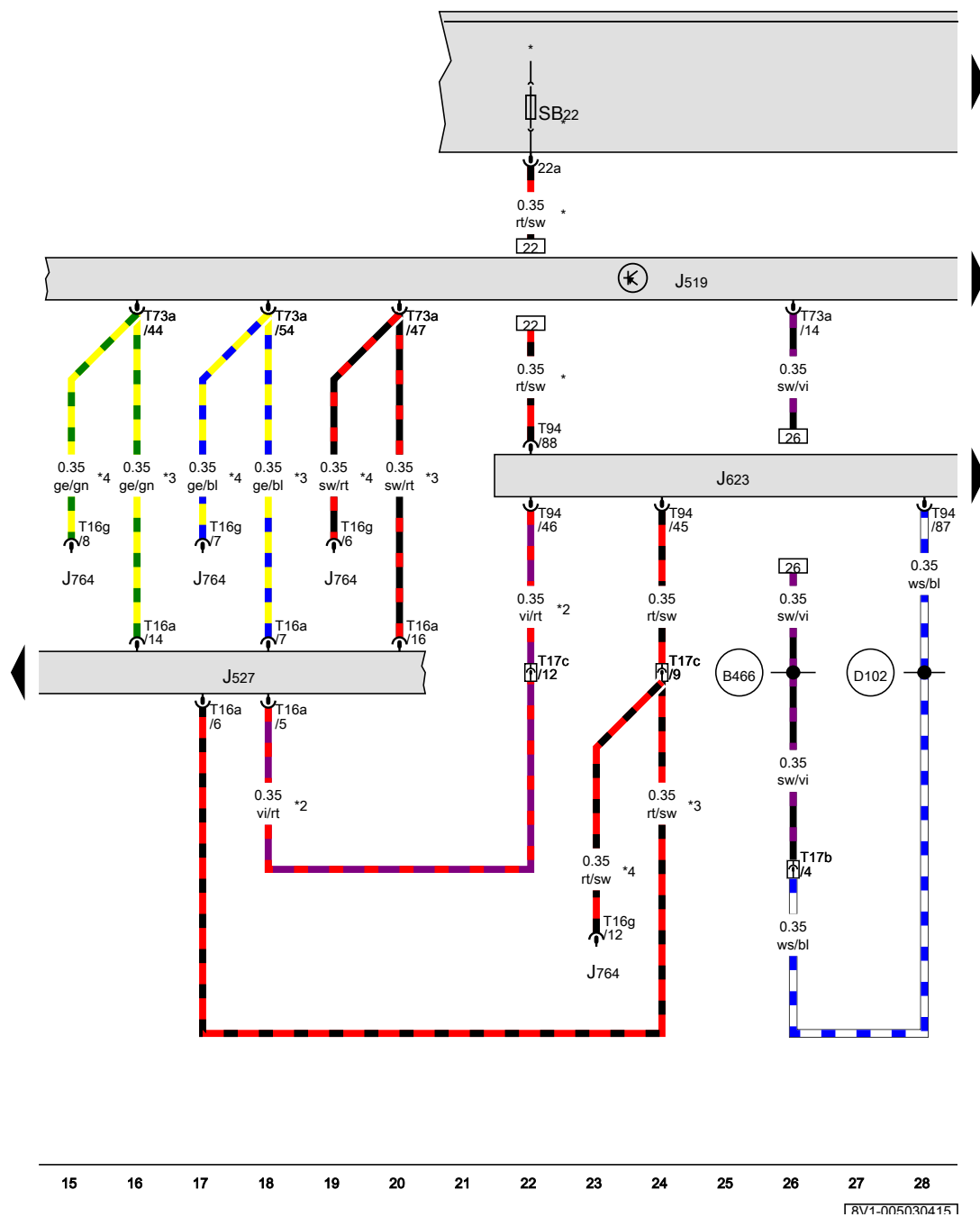
From March 2012

Ignition/starter switch, Cruise control system switch,
Steering column electronics control unit

- D Ignition/starter switch
- E45 Cruise control system switch
- J527 Steering column electronics control unit
- N376 Ignition key withdrawal lock solenoid
- T2z 2-pin connector
- * Only models with cruise control system (CCS)



- ws = white
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- bl = blue
- gr = grey
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- vi = purple
- ge = yellow
- or = orange
- rs = pink



Onboard supply control unit, Steering column electronics control unit, Engine control unit

J519	Onboard supply control unit
J527	Steering column electronics control unit
J623	Engine control unit
J764	Control unit for electronic steering column lock
SB22	Fuse 22 on fuse holder B
T16a	16-pin connector
T16g	16-pin connector
T17b	17-pin connector
T17c	17-pin connector
T73a	73-pin connector
T94	94-pin connector

(B466) Connection 2, in main wiring harness

D102 Connection 2 in engine compartment wiring harness

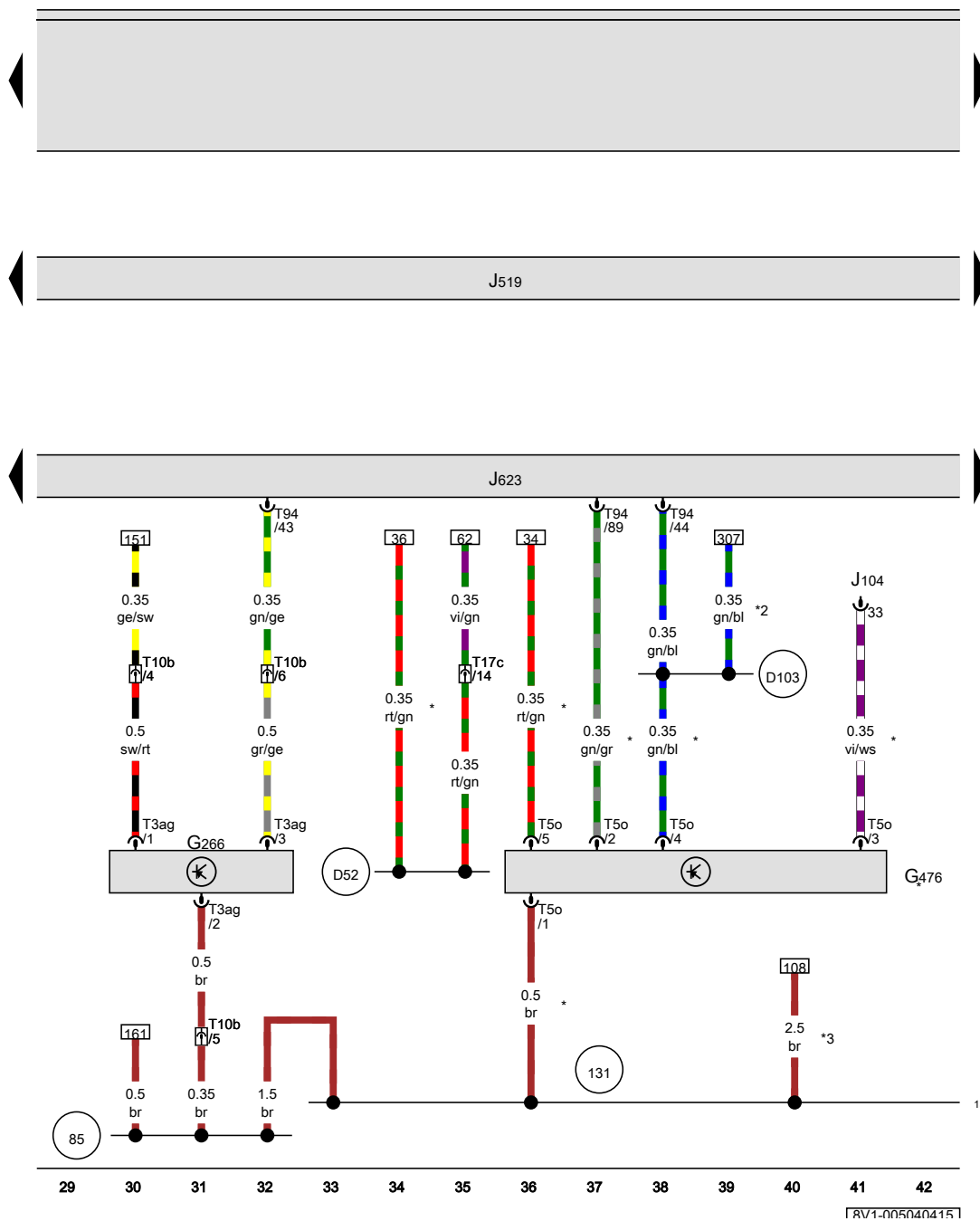
* see applicable current flow diagram for battery in engine compartment

*2 Only models with cruise control system (CCS)

*3 Only models with no entry and start authorisation

*4 Only models with entry and start authorisation

ws = white
sw = black
ro = red
rt = red
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Oil level and oil temperature sender, Clutch position sender,
Onboard supply control unit, Engine control unit

G266 Oil level and oil temperature sender

G476 Clutch position sender

J104 ABS control unit

J519 Onboard supply control unit

J623 Engine control unit

T3ag

T5o 5-pin connector

T10b 10-pin connector

T17c 17-pin connector

T94 94-pin connector

85 Earth connection 1, in engine compartment wiring harness

131 Earth connection 2, in engine compartment wiring harness

D52 Positive connection (15a), in engine compartment wiring harness

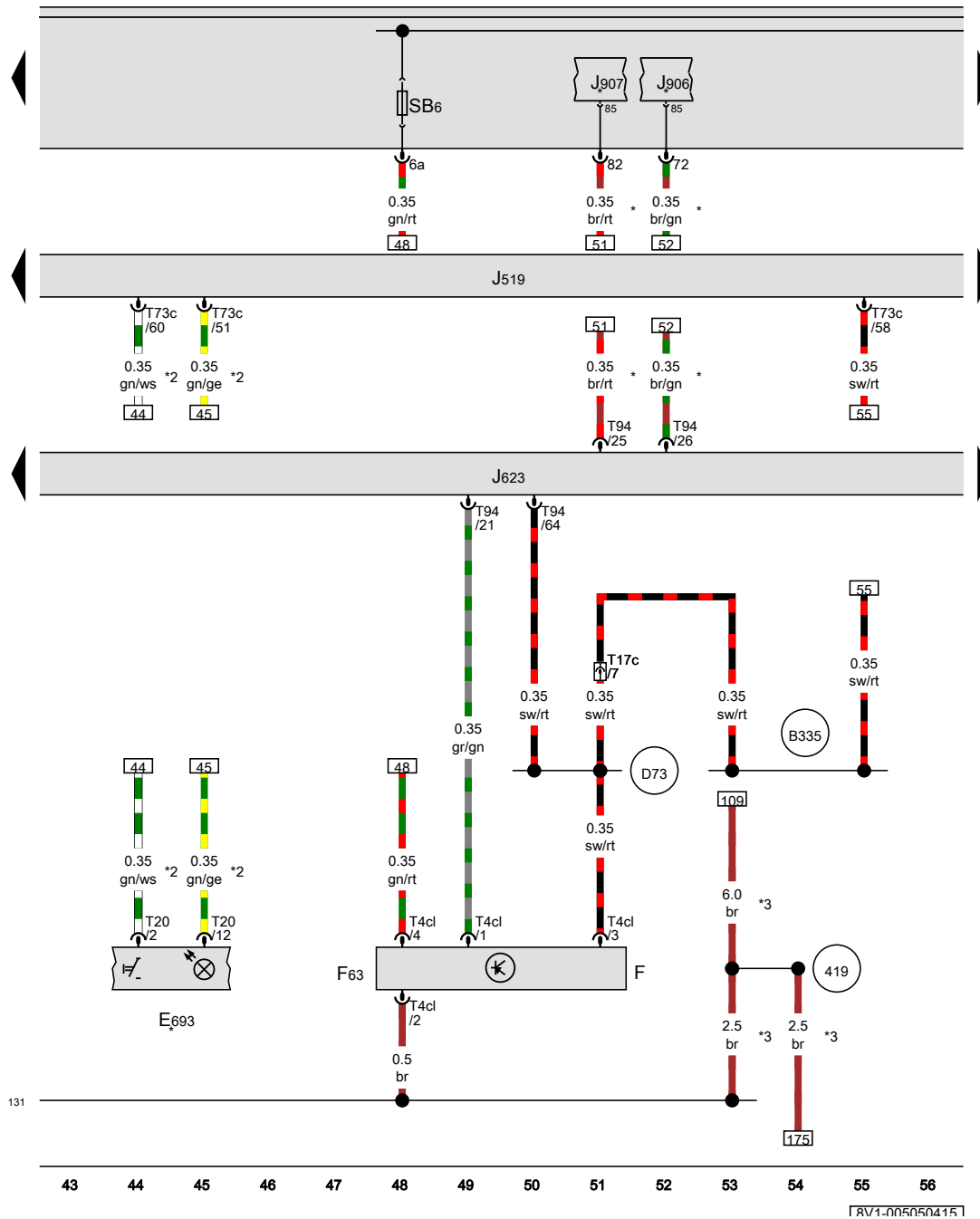
D103 Connection 3 in engine compartment wiring harness

* Only models with manual gearbox

*2 Only models with dual clutch gearbox

*3 Gradually discontinued

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

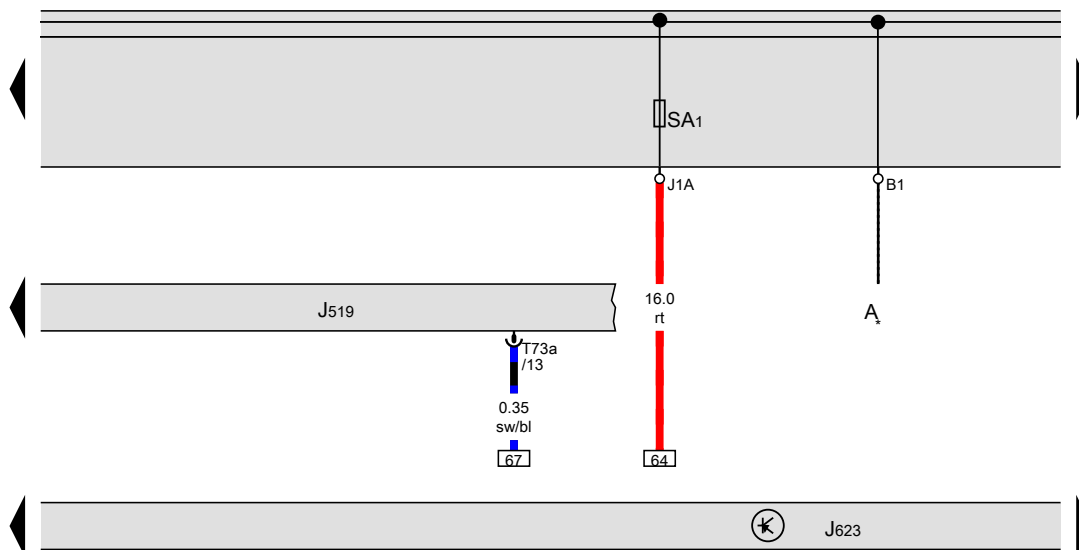


Start/Stop operation button, Brake light switch, Brake pedal switch, Onboard supply control unit, Engine control unit

- E693 Start/Stop operation button
- F Brake light switch
- F63 Brake pedal switch
- J519 Onboard supply control unit
- J623 Engine control unit
- J906 Starter relay 1
- J907 Starter relay 2
- SB6 Fuse 6 on fuse holder B
- T4cl 4-pin connector
- T17c 17-pin connector
- T20 20-pin connector
- T73c 73-pin connector
- T94 94-pin connector

- 131 Earth connection 2, in engine compartment wiring harness
- 419 Earth connection 11, in engine compartment wiring harness
- B335 Connection 1 (54), in main wiring harness
- D73 Positive connection (54), in engine compartment wiring harness
- * see applicable current flow diagram for battery in engine compartment
- *2 Only models with start/stop system
- *3 gradual introduction

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

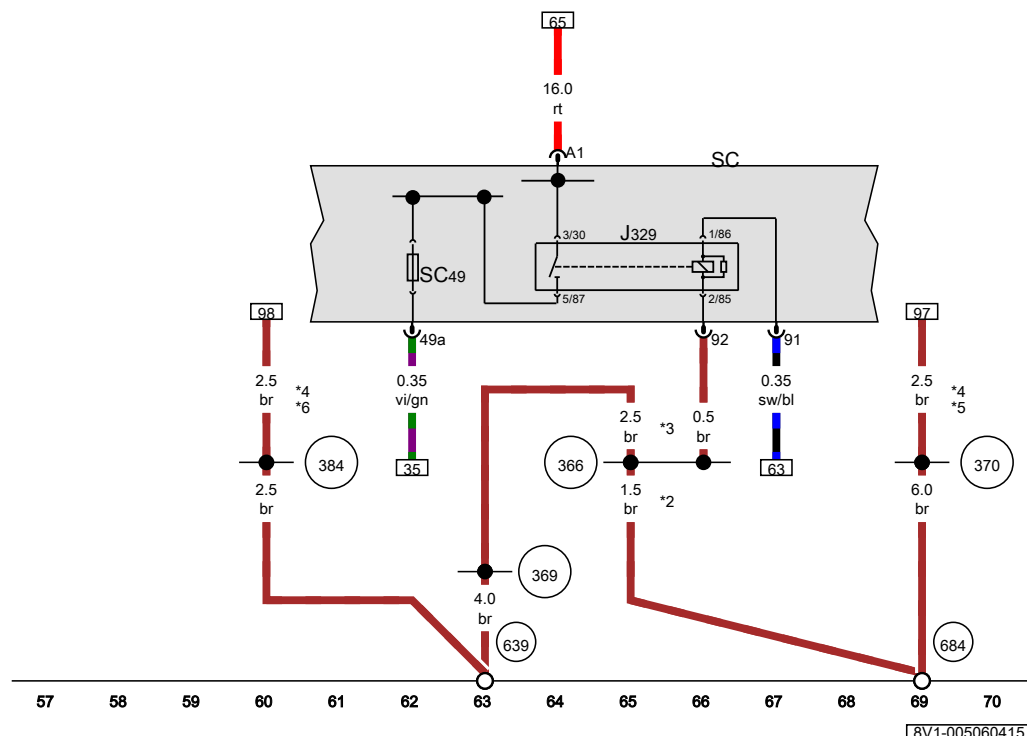


Terminal 15 voltage supply relay, Onboard supply control unit, Engine control unit, Fuse holder C

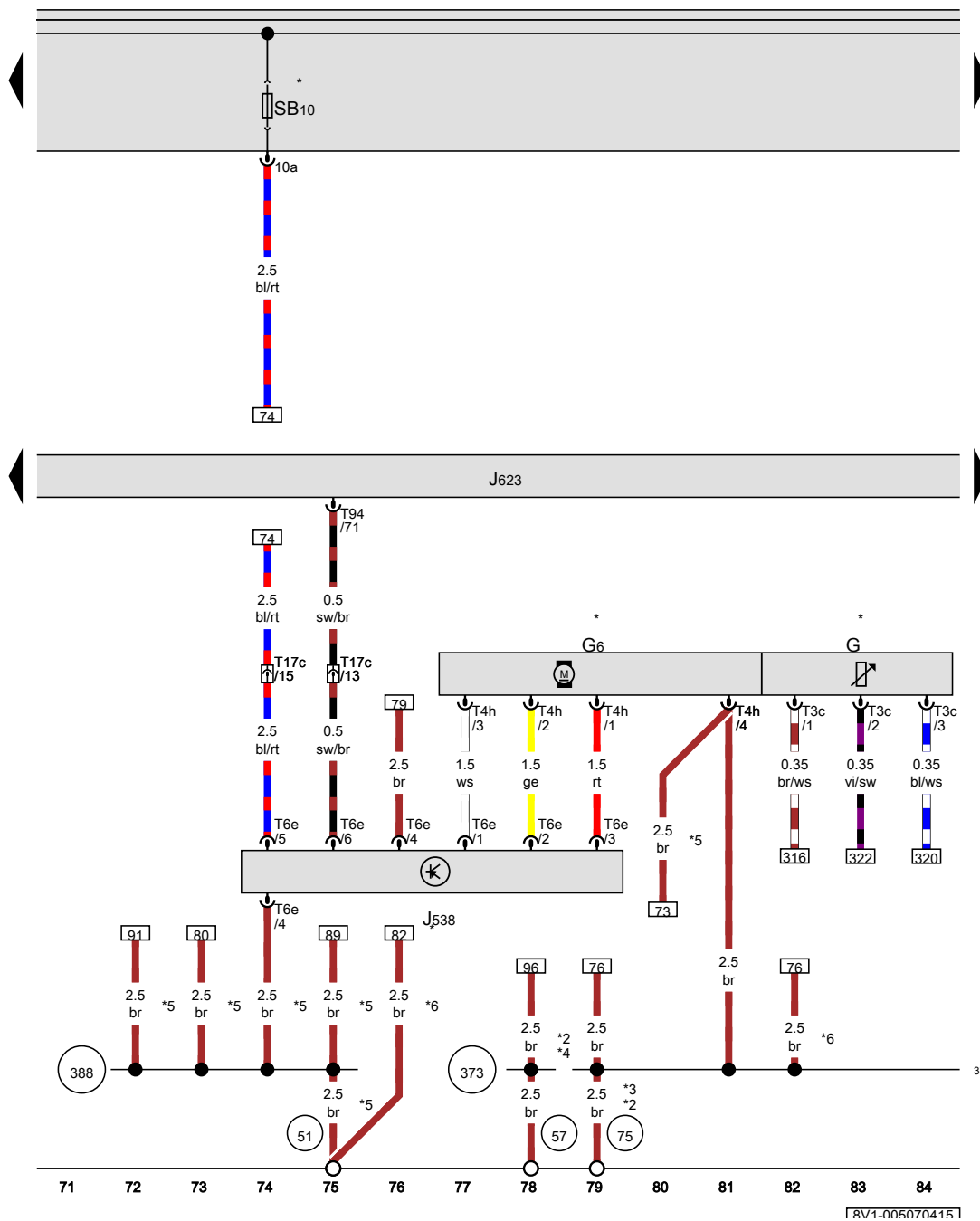
- A Battery
- J329 Terminal 15 voltage supply relay
- J519 Onboard supply control unit
- J623 Engine control unit
- SA1 Fuse 1 in fuse holder A
- SC Fuse holder C
- SC49 Fuse 49 on fuse holder C
- T73a 73-pin connector
- 366 Earth connection 1, in main wiring harness
- 369 Earth connection 4, in main wiring harness
- 370 Earth connection 5, in main wiring harness
- 384 Earth connection 19, in main wiring harness
- 639 Earth point, left A-pillar
- 684 Earth point on front of left side member

* see applicable current flow diagram for battery in engine compartment

- *2 Only right-hand drive models
- *3 Only left-hand drive models
- *4 Only models with auxiliary heating
- *5 Only models with 5-doors
- *6 Only models with 4-doors



ws = white
sw = black
ro = red
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br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink



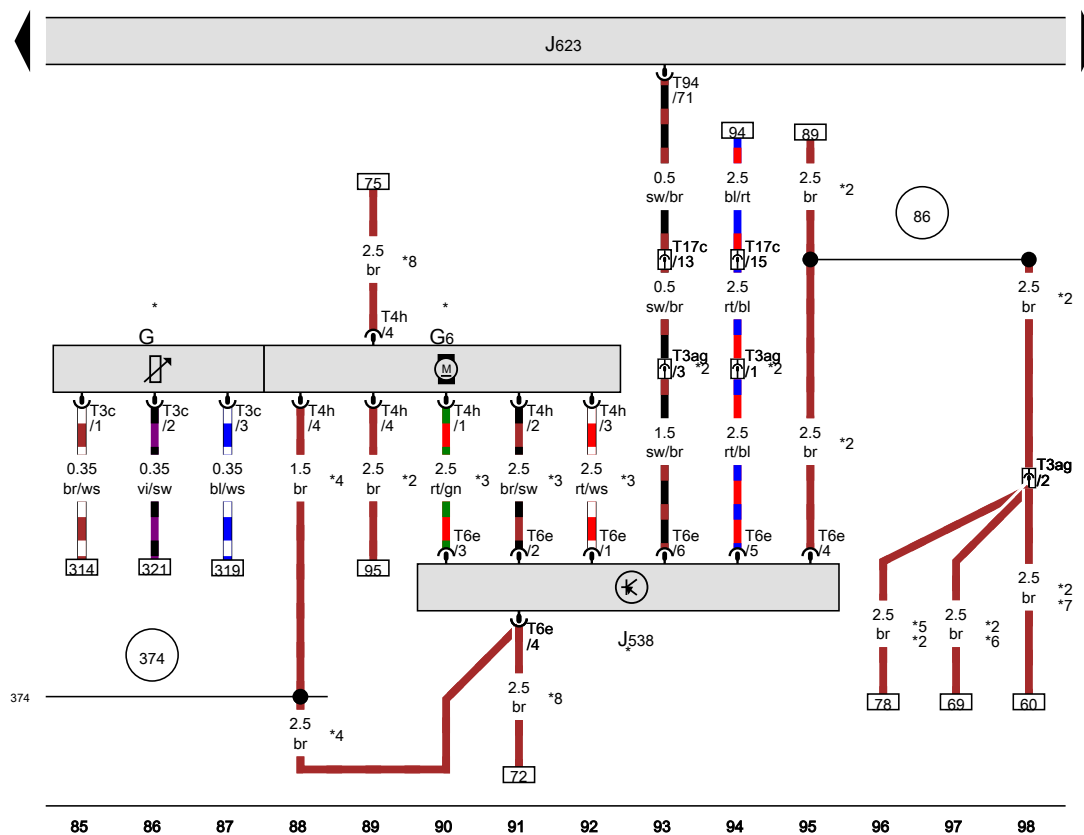
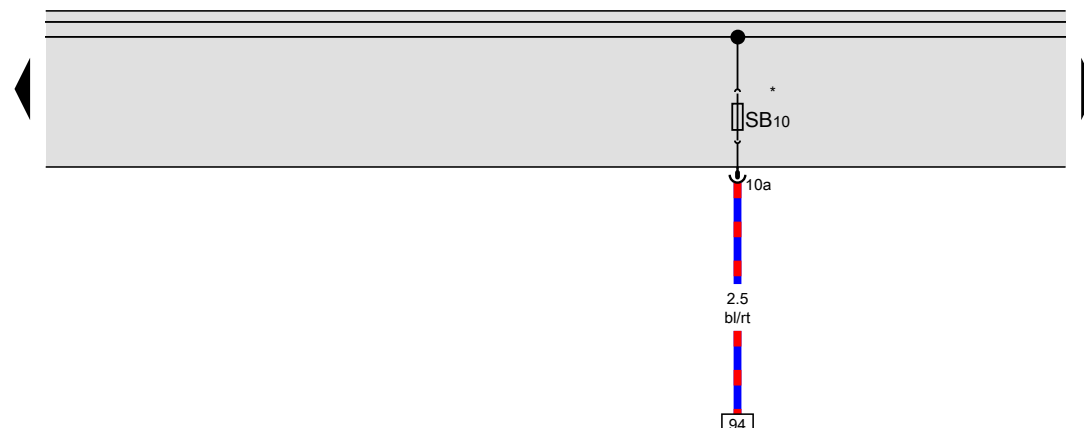
Fuel gauge sender, Fuel system pressurisation pump, Fuel pump control unit, Engine control unit

- G Fuel gauge sender
- G6 Fuel system pressurisation pump
- J538 Fuel pump control unit
- J623 Engine control unit
- SB10 Fuse 10 on fuse holder B
- T3c 3-pin connector
- T4h 4-pin connector
- T6e 6-pin connector
- T17c 17-pin connector
- T94 94-pin connector

- 51 Earth point, on right in luggage compartment
- 57 Earth point, rear left pillar
- 75 Earth point, rear right pillar
- 373 Earth connection 8, in main wiring harness
- 374 Earth connection 9, in main wiring harness
- 388 Earth connection 23, in main wiring harness

- * Only models with front-wheel drive
- *2 Only models with 3-doors
- *3 Only models with 5-doors
- *4 Only models with auxiliary heating
- *5 Only Cabriolet models
- *6 Only models with 4-doors

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- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



Fuel gauge sender, Fuel system pressurisation pump, Fuel pump control unit, Engine control unit

- G Fuel gauge sender
- G6 Fuel system pressurisation pump
- J538 Fuel pump control unit
- J623 Engine control unit
- SB10 Fuse 10 on fuse holder B
- T3ag 3-pin connector
- T3c 3-pin connector
- T4h 4-pin connector
- T6e 6-pin connector
- T17c 17-pin connector
- T94 94-pin connector

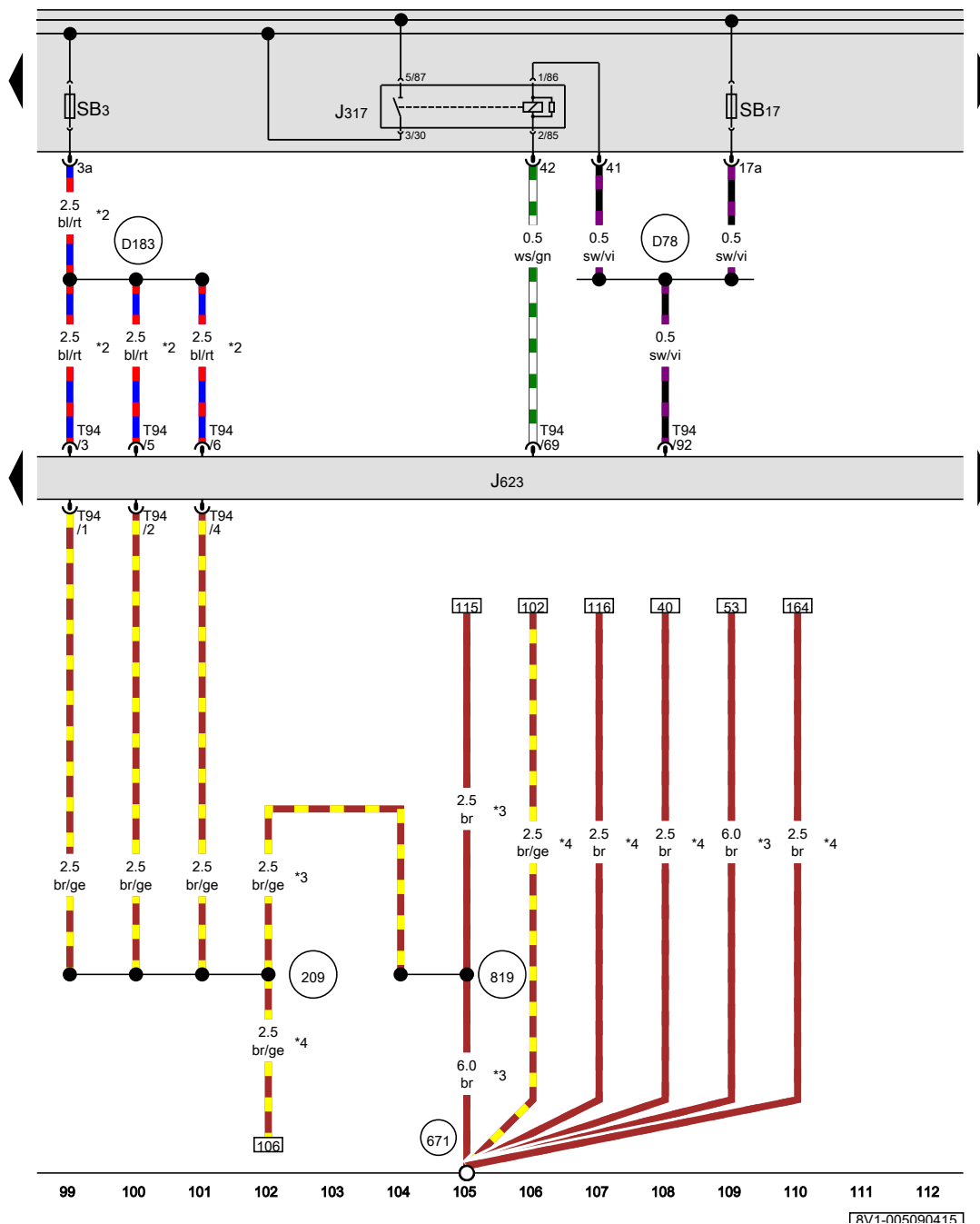
86 Earth connection 1, in rear wiring harness

374 Earth connection 9, in main wiring harness

- * Only models with all-wheel drive
- *2 Only models with auxiliary heating
- *3 Wiring colour depends on equipment
- *4 Only models with no auxiliary heater
- *5 Only models with 3-doors
- *6 Only models with 5-doors
- *7 Only models with 4-doors
- *8 Only Cabriolet models

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

AV1-005080415



Terminal 30 voltage supply relay, Engine control unit

J317 Terminal 30 voltage supply relay

J623 Engine control unit

SB3 Fuse 3 on fuse holder B

SB17 Fuse 17 on fuse holder B

T94 94-pin connector

209 Earth connection 6, in engine compartment wiring harness

671 Earth point 1, on front of left longitudinal member

819 Earth connection 12, in engine compartment wiring harness

D78 Positive connection 1 (30a), in engine compartment wiring harness

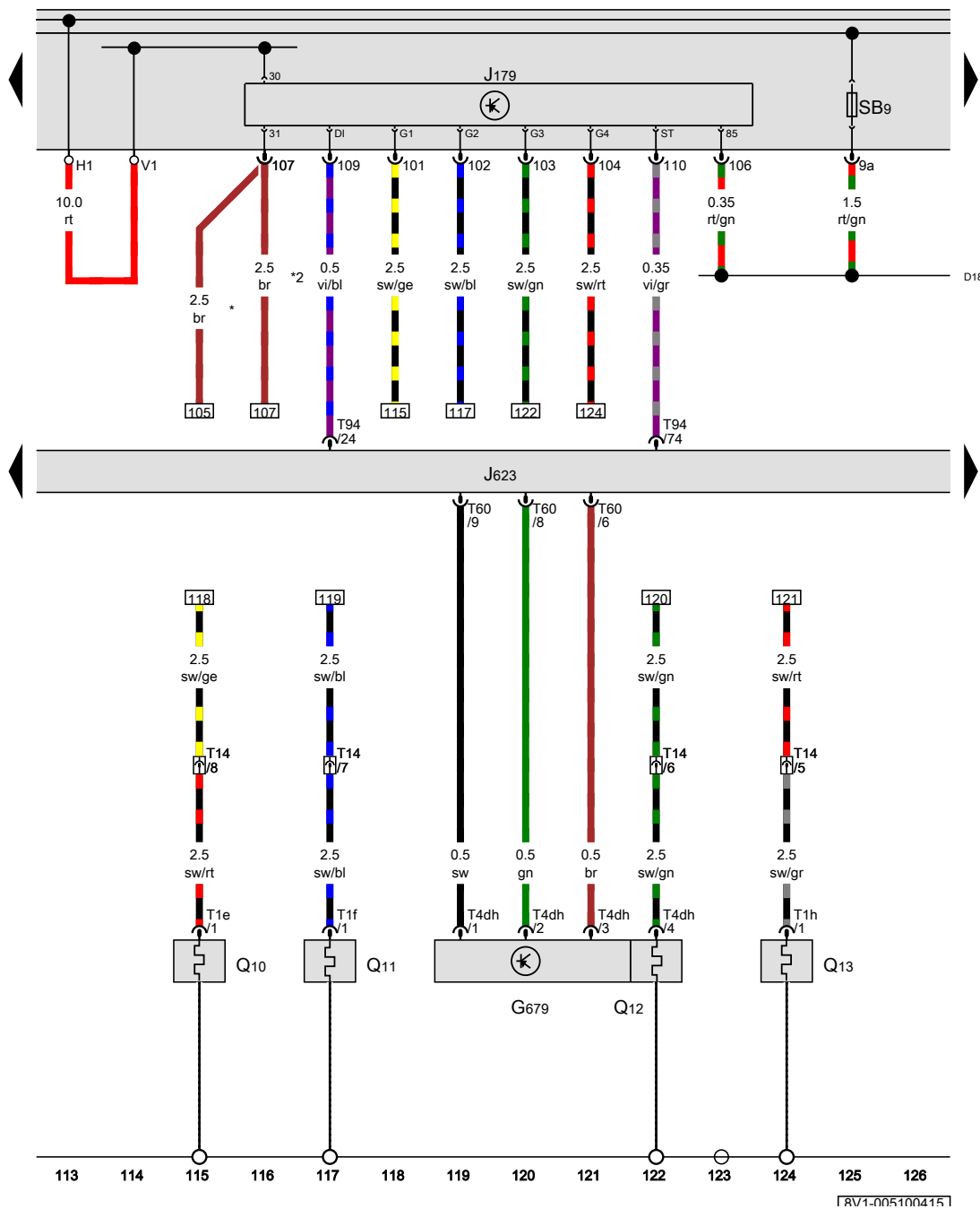
D183 Connection 4 (87a) in engine compartment wiring harness

* Only models with auxiliary heating

*2 Wiring colour depends on equipment

*3 gradual introduction

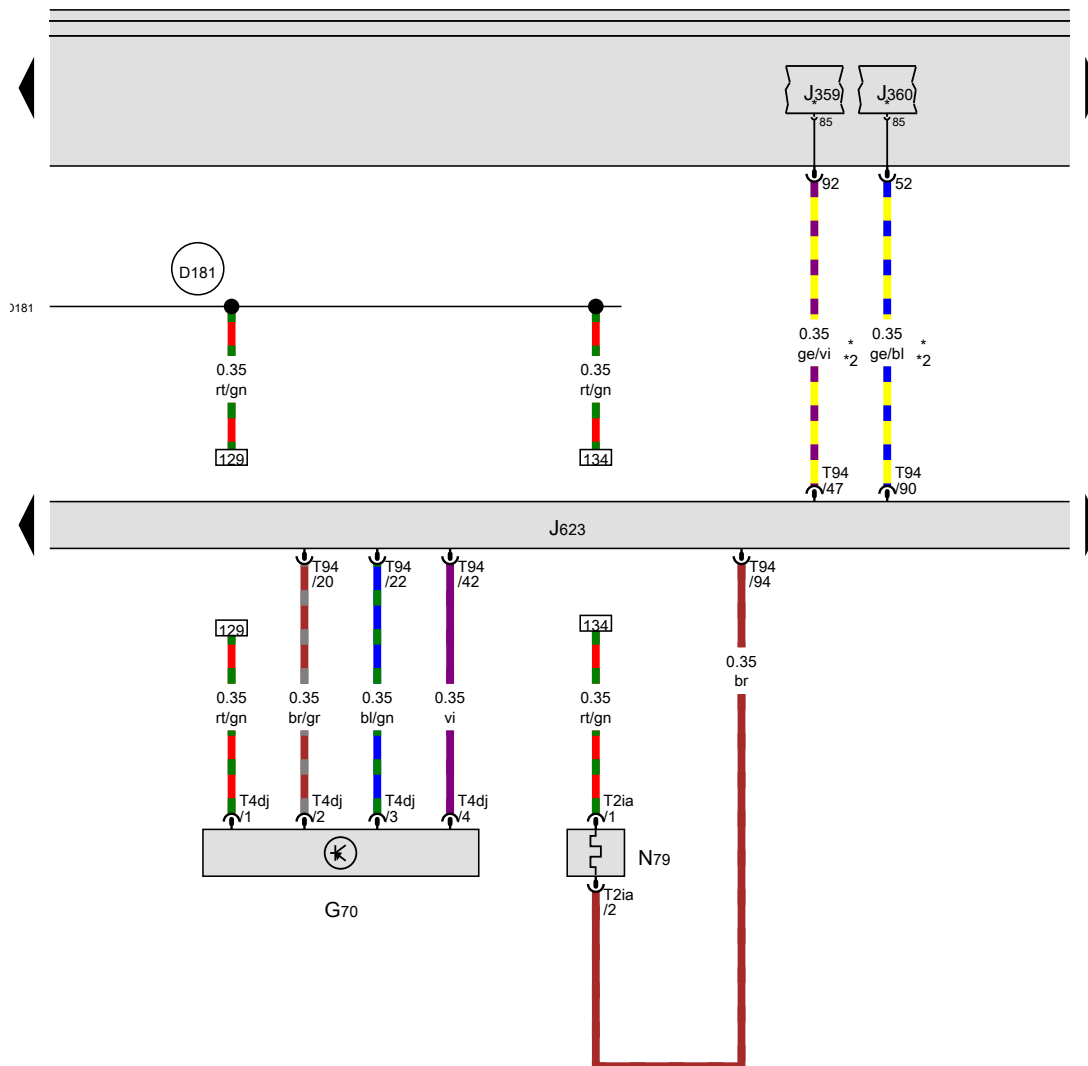
*4 Gradually discontinued



Automatic glow period control unit, Engine control unit, Glow plug 1, Glow plug 2, Glow plug 3, Glow plug 4

- G679 Cylinder 3 combustion chamber pressure sender
- J179 Automatic glow period control unit
- J623 Engine control unit
- Q10 Glow plug 1
- Q11 Glow plug 2
- Q12 Glow plug 3
- Q13 Glow plug 4
- SB9 Fuse 9 on fuse holder B
- T1e Single connector
- T1f Single connector
- T1h Single connector
- T4dh 4-pin connector
- T14 14-pin connector
- T60 60-pin connector
- T94 94-pin connector
- D181 Connection 2 (87a) in engine compartment wiring harness

* gradual introduction
*2 Gradually discontinued



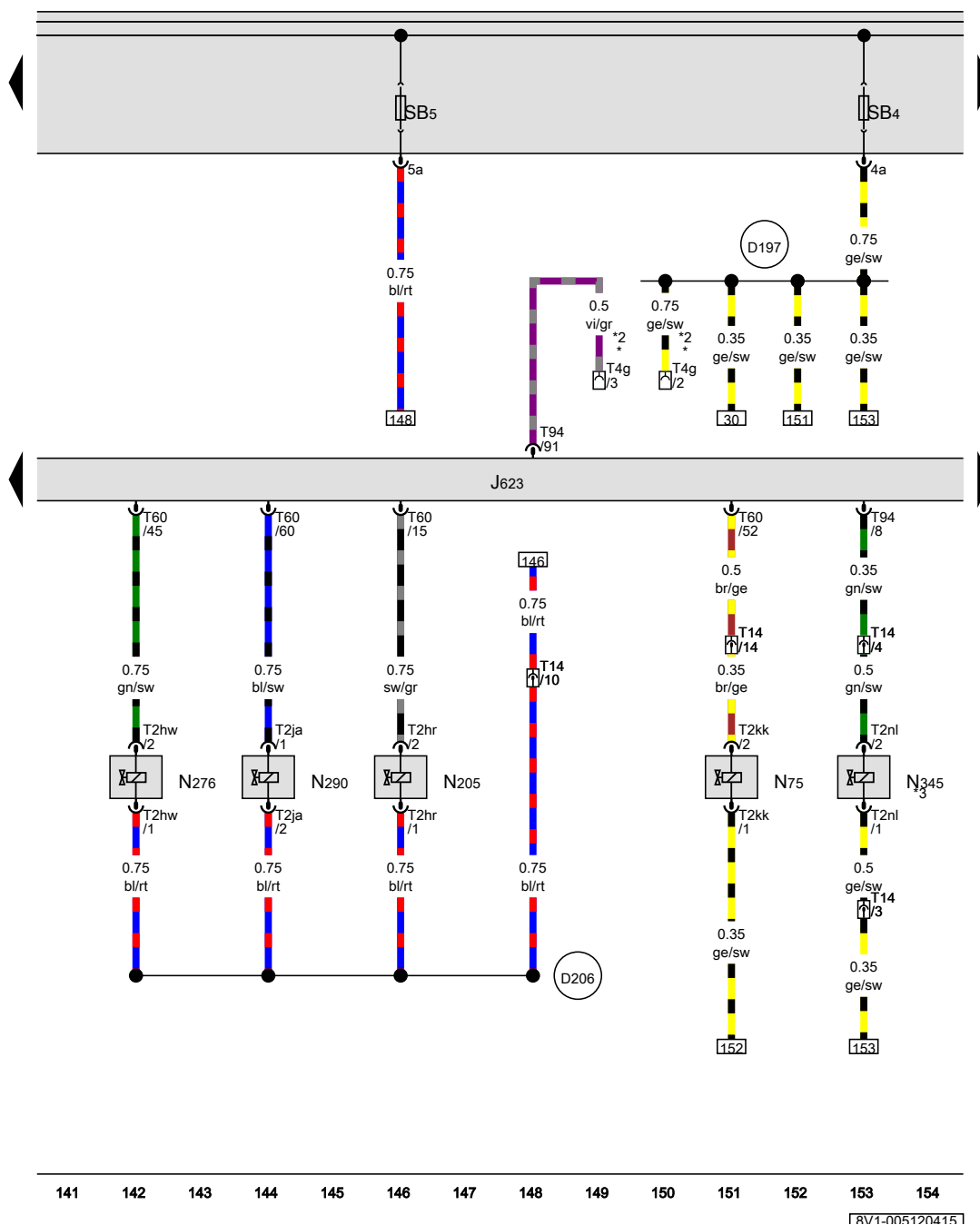
Air mass meter, Low heat output relay, High heat output relay, Engine control unit, Heater element for crankcase breather

- G70 Air mass meter
- J359 Low heat output relay
- J360 High heat output relay
- J623 Engine control unit
- N79 Heater element for crankcase breather
- T2ia 2-pin connector
- T4dj 4-pin connector
- T94 94-pin connector

D181 Connection 2 (87a) in engine compartment wiring harness

- * Only models with auxiliary air heater
- *2 see applicable current flow diagram

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



Engine control unit, Charge pressure control solenoid valve, Camshaft control valve 1, Fuel pressure regulating valve, Fuel metering valve, Exhaust gas recirculation cooler changeover valve

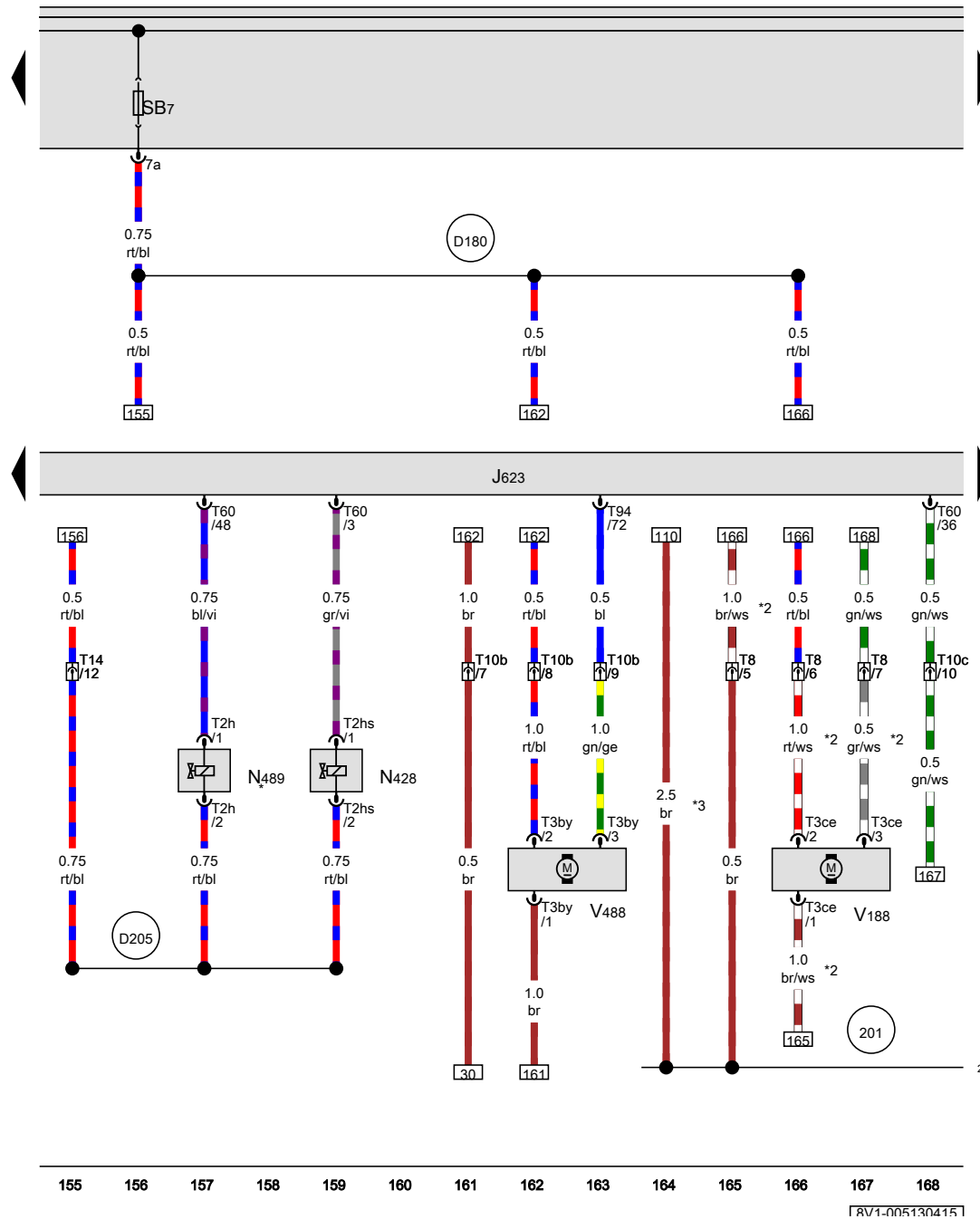
J623	Engine control unit
N75	Charge pressure control solenoid valve
N205	Camshaft control valve 1
N276	Fuel pressure regulating valve
N290	Fuel metering valve
N345	Exhaust gas recirculation cooler changeover valve
SB4	Fuse 4 on fuse holder B
SB5	Fuse 5 on fuse holder B
T2hr	2-pin connector
T2hw	2-pin connector
T2ja	2-pin connector
T2kk	2-pin connector
T2nl	2-pin connector
T4g	4-pin connector
T14	14-pin connector
T60	60-pin connector
T94	94-pin connector

(D197) Connection 5 (87a) in engine compartment wiring harness

D206 Connection 4 (87a) in engine prewiring harness

- * Radiator fan connection
- *2 see applicable current flow diagram for radiator fan
- *3 If fitted

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink



Engine control unit, Valve for oil pressure control, Coolant valve for cylinder head, Charge air cooling pump, Auxiliary pump for heating

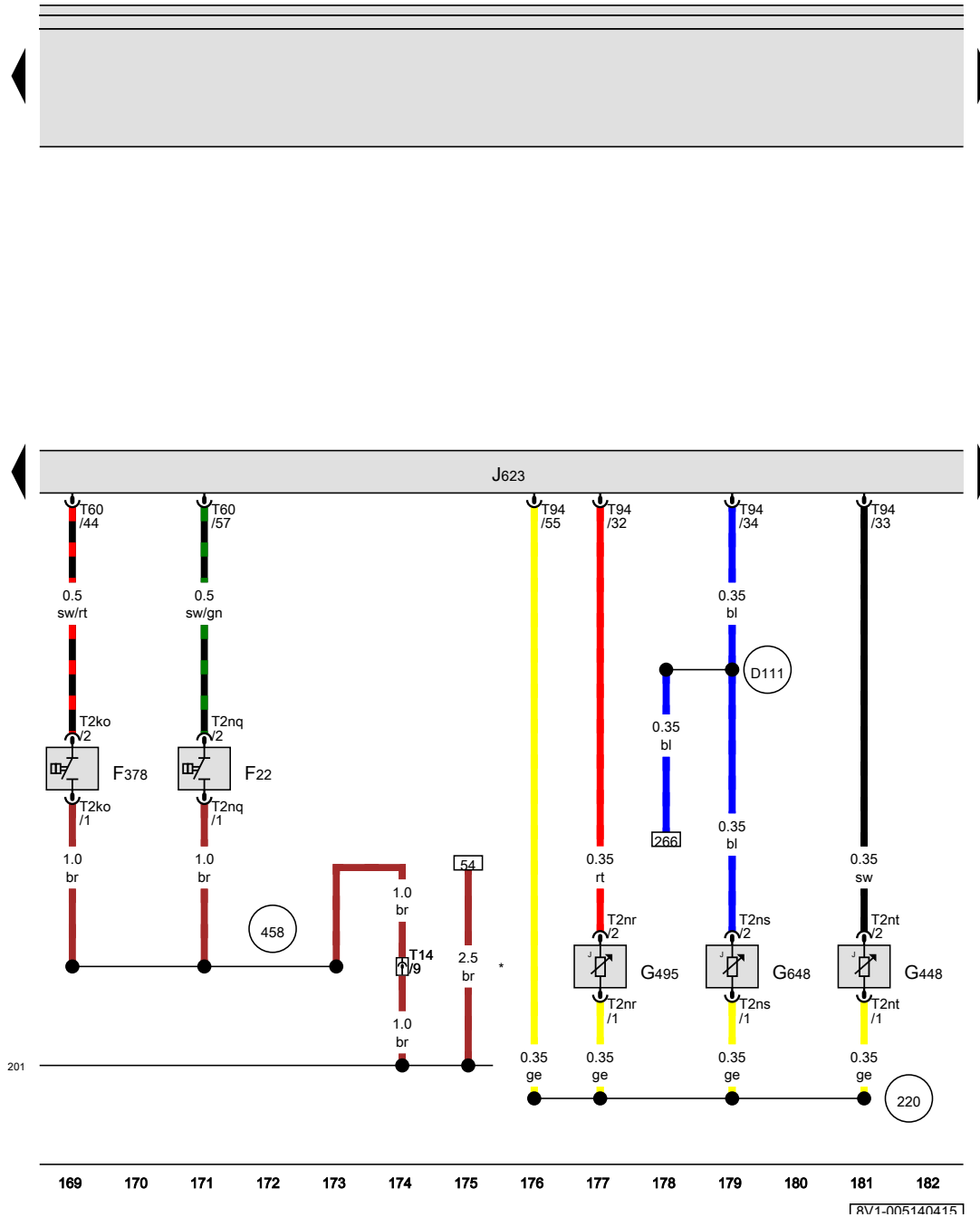
- J623 Engine control unit
- N428 Valve for oil pressure control
- N489 Coolant valve for cylinder head
- SB7 Fuse 7 on fuse holder B
- T2h 2-pin connector
- T2hs 2-pin connector
- T3by 3-pin connector
- T3ce 3-pin connector
- T8 8-pin connector
- T10b 10-pin connector
- T10c 10-pin connector
- T14 14-pin connector, near front left longitudinal member
- T60 60-pin connector
- T94 94-pin connector
- V188 Charge air cooling pump
- V488 Auxiliary pump for heating
- 201 Earth connection 5, in engine compartment wiring harness
- D180 Connection (87a), in engine compartment wiring harness
- D205 Connection 3 (87a) in engine prewiring harness
- * Pre-wired component
- *2 Wiring colour depends on equipment
- *3 Gradually discontinued

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 sw = black
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 bl = blue
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 ge = yellow
 or = orange
 rs = pink

Oil pressure switch, Oil pressure switch for reduced oil pressure, Exhaust gas temperature sender 2, Exhaust gas temperature sender 3, Exhaust gas temperature sender 4, Engine control unit

- F22 Oil pressure switch
- F378 Oil pressure switch for reduced oil pressure
- G448 Exhaust gas temperature sender 2
- G495 Exhaust gas gas temperature sender 3
- G648 Exhaust gas temperature sender 4
- J623 Engine control unit
- T2ko 2-pin connector
- T2nq 2-pin connector
- T2nr 2-pin connector
- T2ns 2-pin connector
- T2nt 2-pin connector
- T14 14-pin connector
- T60 60-pin connector
- T94 94-pin connector

- 201 Earth connection 5, in engine compartment wiring harness
- 220 Earth connection (sender earth), in engine wiring harness
- 458 Earth point 3, engine prewiring harness
- D111 Connection 9 in engine compartment wiring harness
- * gradual introduction



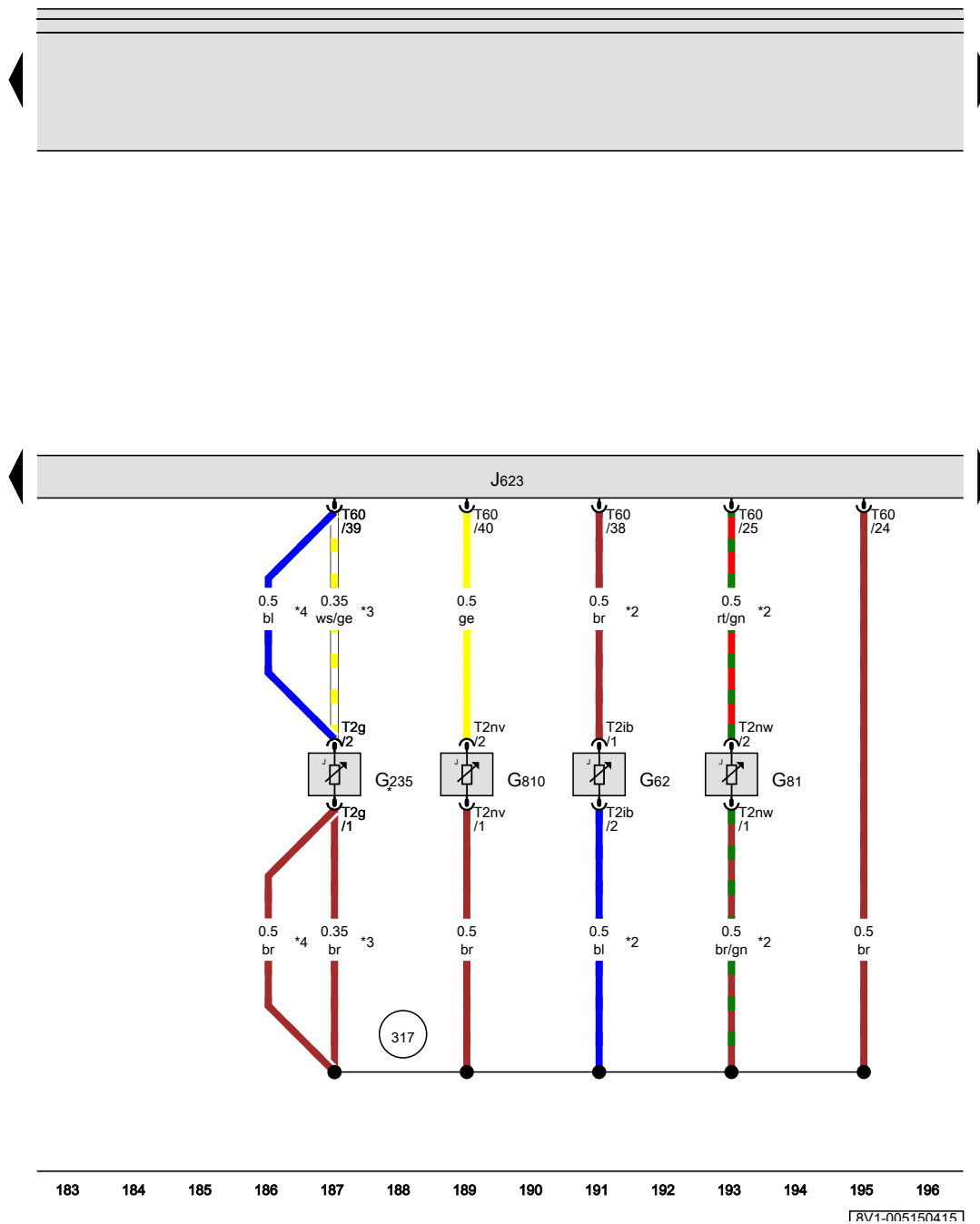
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- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Coolant temperature sender, Fuel temperature sender, Exhaust gas temperature sender 1, Charge air temperature sender before charge air cooler, Engine control unit

- G62 Coolant temperature sender
- G81 Fuel temperature sender
- G235 Exhaust gas temperature sender 1
- G810 Charge air temperature sender before charge air cooler
- J623 Engine control unit
- T2g 2-pin connector
- T2ib 2-pin connector
- T2nv 2-pin connector
- T2nw 2-pin connector
- T60 60-pin connector

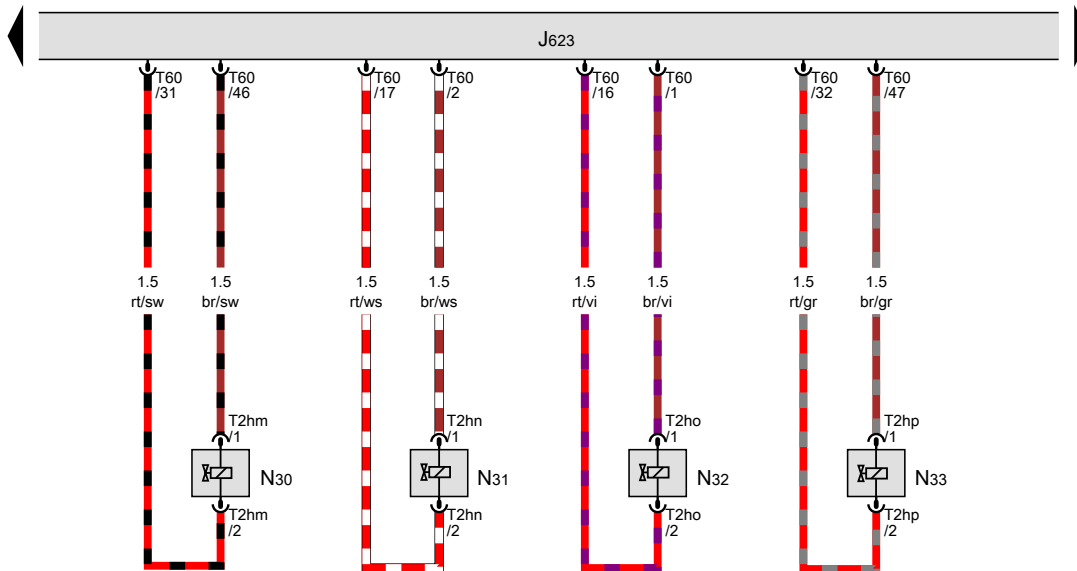
317 Earth connection 7, in engine compartment wiring harness

- * Pre-wired component
- *2 Wiring colour depends on equipment
- *3 Up to April 2013
- *4 From May 2013



Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

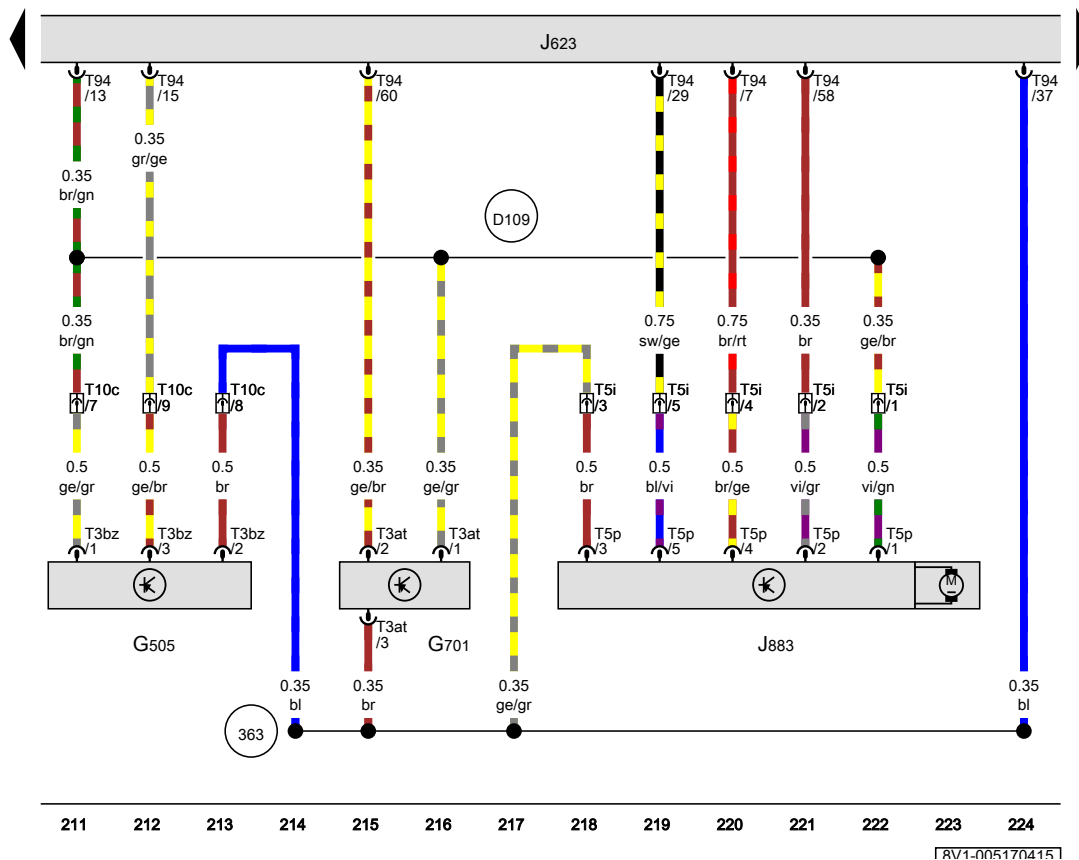
J623 Engine control unit
N30 Injector, cylinder 1
N31 Injector, cylinder 2
N32 Injector, cylinder 3
N33 Injector, cylinder 4
T2hm 2-pin connector
T2hn 2-pin connector
T2ho 2-pin connector
T2hp 2-pin connector
T60 60-pin connector



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ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

197 198 199 200 201 202 203 204 205 206 207 208 209 210

[8V1-005160415]



G505	Pressure differential sender
G701	Gearbox neutral position sender
J623	Engine control unit
J883	Exhaust flap control unit
T3at	3-pin connector
T3bz	3-pin connector
T5i	5-pin connector
T5p	5-pin connector
T10c	10-pin connector
T94	94-pin connector
363	Earth connection 8, in engine compartment wiring harness
D109	Connection 7 in engine compartment wiring harness

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Hall sender, Position sender for charge pressure positioner, Engine control unit

- G40 Hall sender
- G581 Position sender for charge pressure positioner
- J623 Engine control unit
- T3ao 3-pin connector
- T3cf 3-pin connector
- T60 60-pin connector

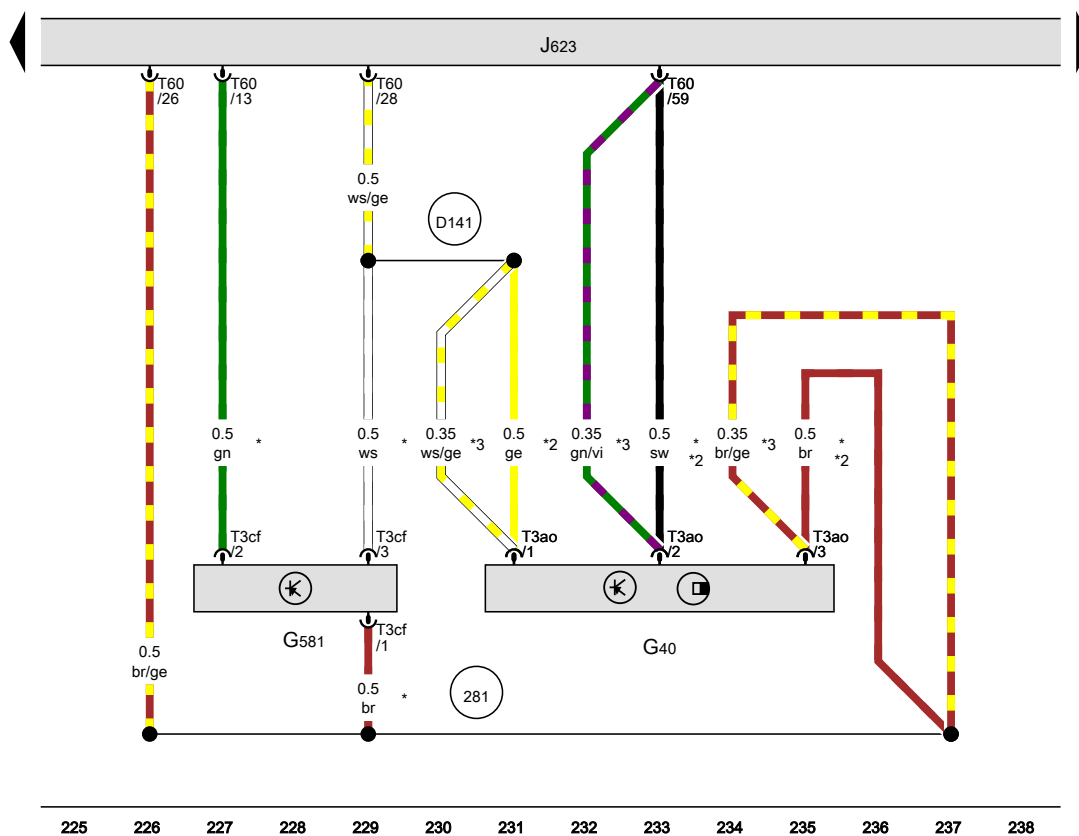
281 Earth point 1, engine prewiring harness

D141 Connection (5V) in engine prewiring harness

* Wiring colour depends on equipment

*2 From May 2013

*3 Up to April 2013



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- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

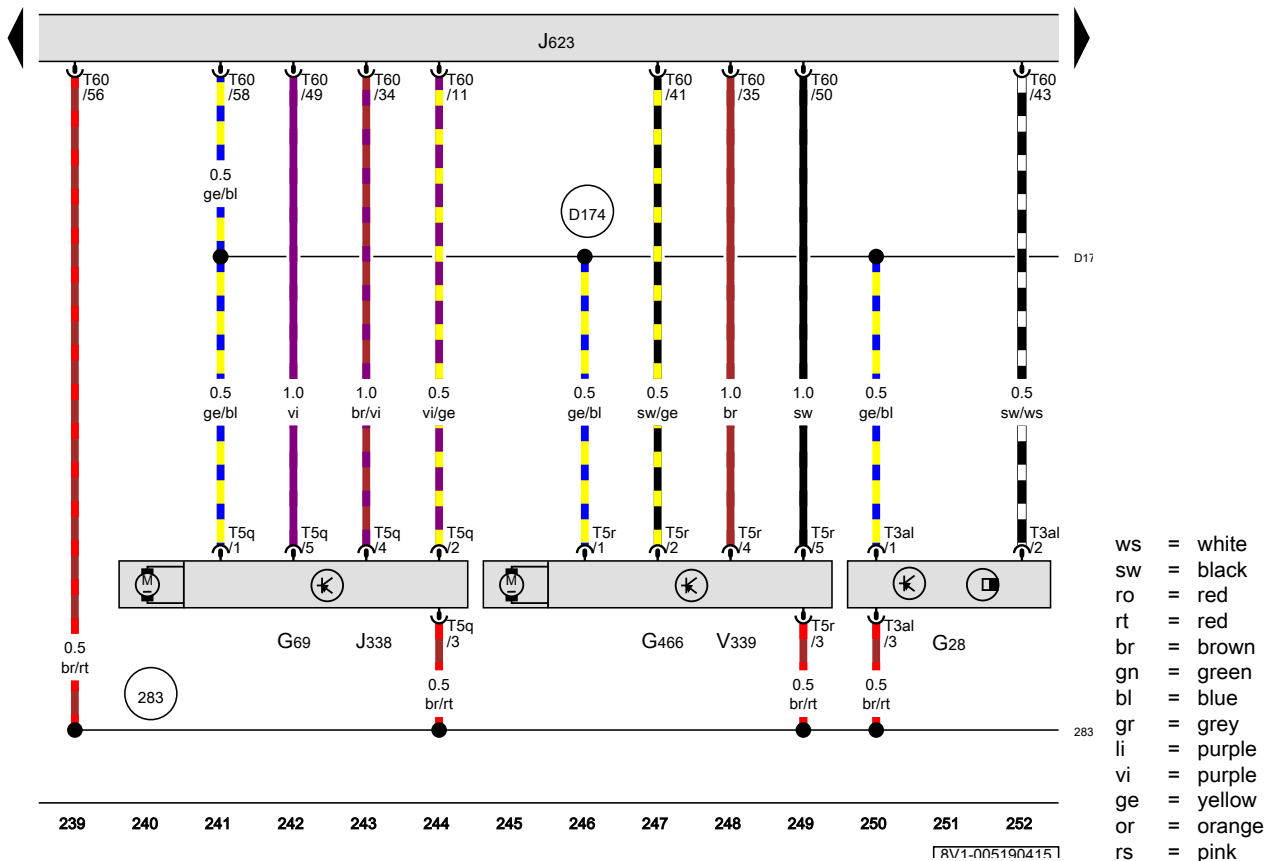
18V1-0051804151

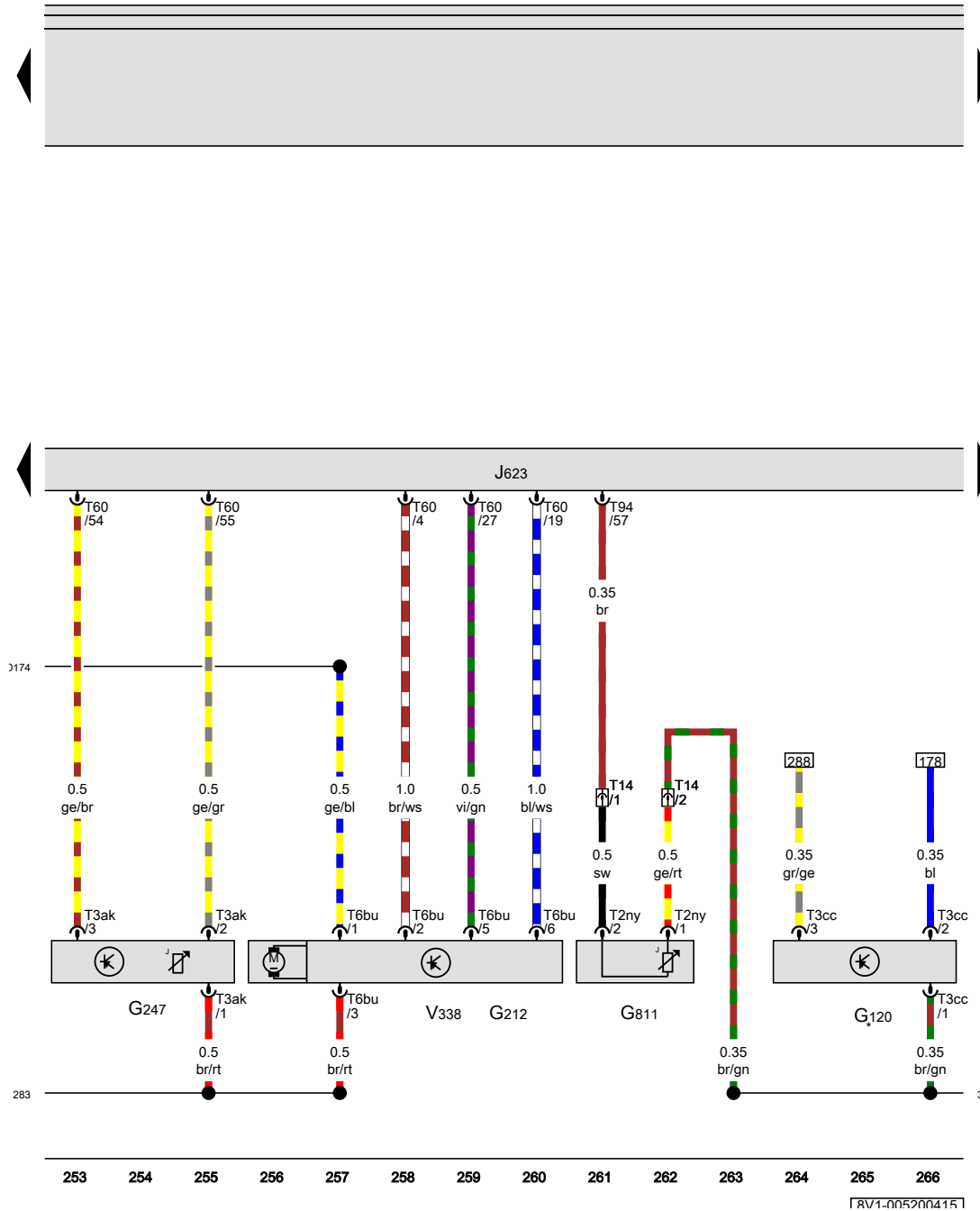
Engine speed sender, Throttle valve potentiometer, Exhaust gas recirculation potentiometer 2, Throttle valve module, Engine control unit, Exhaust gas recirculation control motor 2

- G28 Engine speed sender
- G69 Throttle valve potentiometer
- G466 Exhaust gas recirculation potentiometer 2
- J338 Throttle valve module
- J623 Engine control unit
- T3al 3-pin connector
- T5q 5-pin connector
- T5r 5-pin connector
- T60 60-pin connector
- V339 Exhaust gas recirculation control motor 2

283 Earth point 2, engine prewiring harness

D174 Connection 2 (5V) in engine prewiring harness





Water level sender, Fuel pressure sender, Charge air temperature sender after charge air cooler, Engine control unit, Exhaust gas recirculation control motor

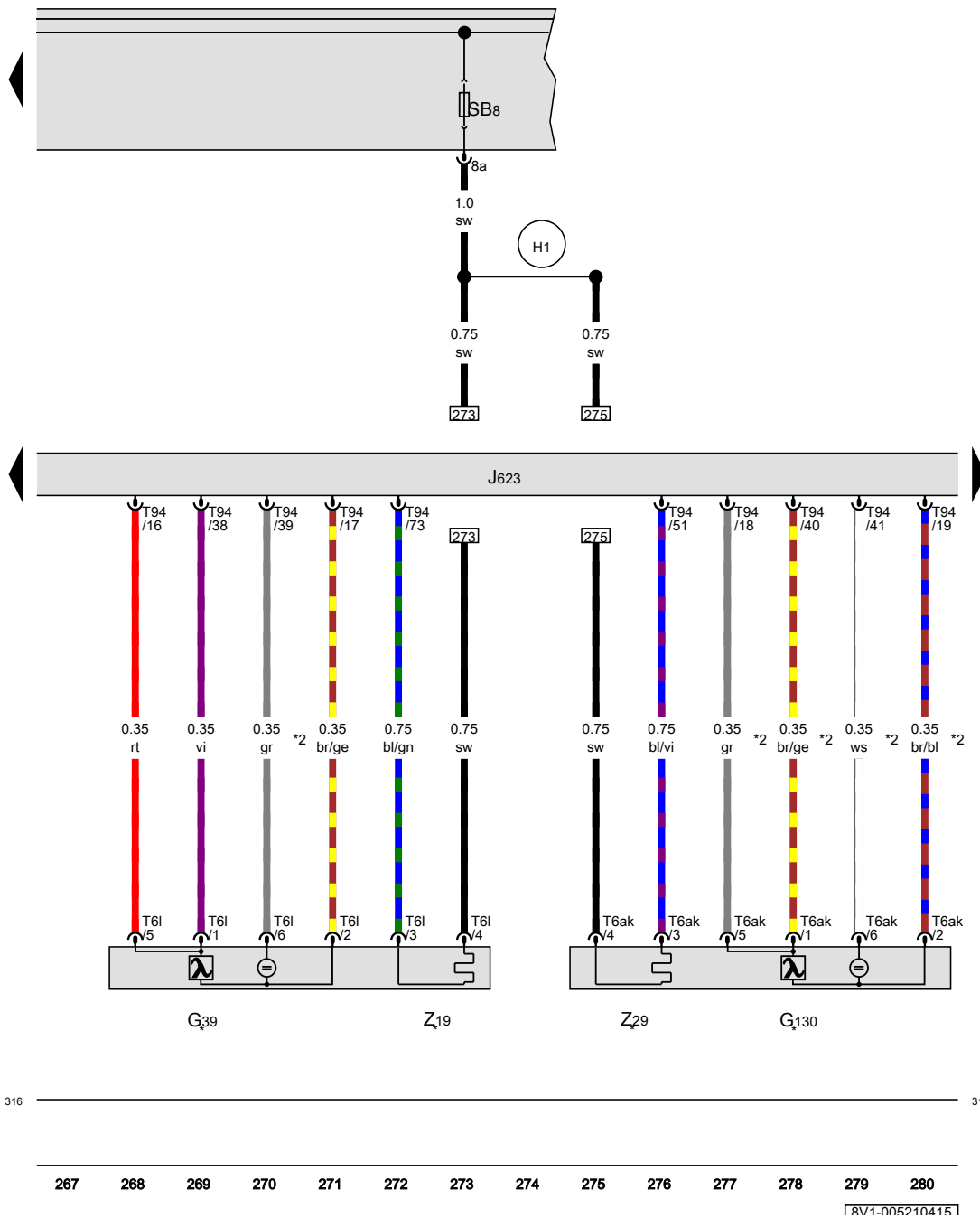
- G120 Water level sender
- G212 Exhaust gas recirculation potentiometer
- G247 Fuel pressure sender
- G811 Charge air temperature sender after charge air cooler
- J623 Engine control unit
- T2ny 2-pin connector
- T3ak 3-pin connector
- T3cc 3-pin connector
- T6bu 6-pin connector
- T14 14-pin connector
- T60 60-pin connector
- T94 94-pin connector
- V338 Exhaust gas recirculation control motor

- 283 Earth point 2, engine prewiring harness
- 316 Earth connection (sender earth 2) in engine wiring harness
- D174 Connection 2 (5V) in engine prewiring harness

* If fitted

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bl = blue
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or = orange
rs = pink

18V1-0052004151



Lambda probe, Lambda probe after catalytic converter, Engine control unit, Fuse 8 on fuse holder B, Lambda probe heater, Lambda probe 1 heater after catalytic converter

- G39 Lambda probe
- G130 Lambda probe after catalytic converter
- J623 Engine control unit
- SB8 Fuse 8 on fuse holder B
- T6ak 6-pin connector
- T6I 6-pin connector
- T94 94-pin connector
- Z19 Lambda probe heater
- Z29 Lambda probe 1 heater after catalytic converter

316 Earth connection (sender earth 2) in engine wiring harness

H1 Positive connection, in Lambda wiring harness

* Pre-wired component

*2 Wiring colour depends on equipment

Charge pressure sender, Accelerator position sender, Accelerator position sender 2, Exhaust gas pressure sensor 1, Engine control unit

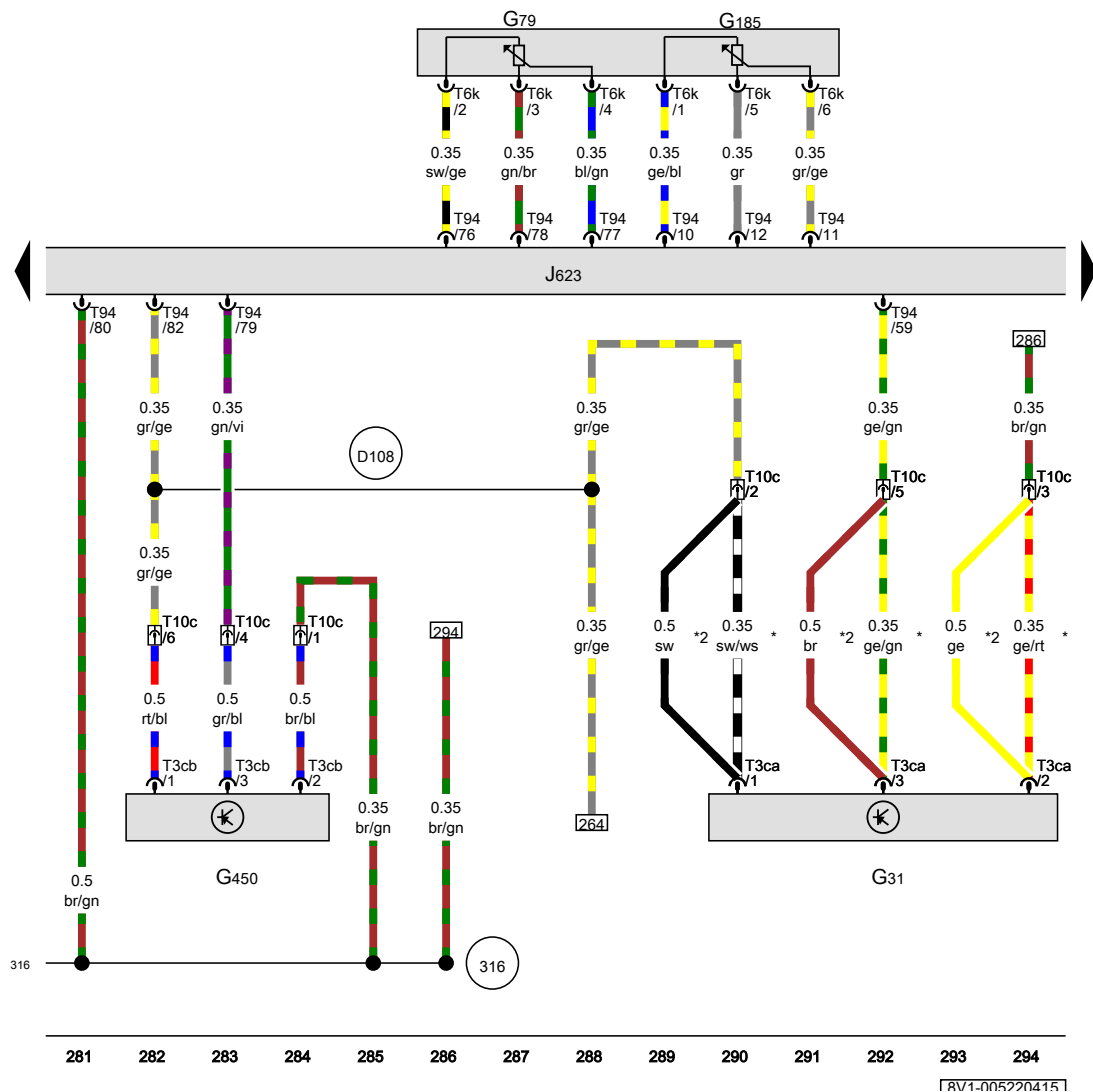
- G31 Charge pressure sender
- G79 Accelerator position sender
- G185 Accelerator position sender 2
- G450 Exhaust gas pressure sensor 1
- J623 Engine control unit
- T3ca 3-pin connector
- T3cb 3-pin connector
- T6k 6-pin connector
- T10c 10-pin connector
- T94 94-pin connector

316 Earth connection (sender earth 2) in engine wiring harness

D108 Connection 6 in engine compartment wiring harness

* Up to April 2013

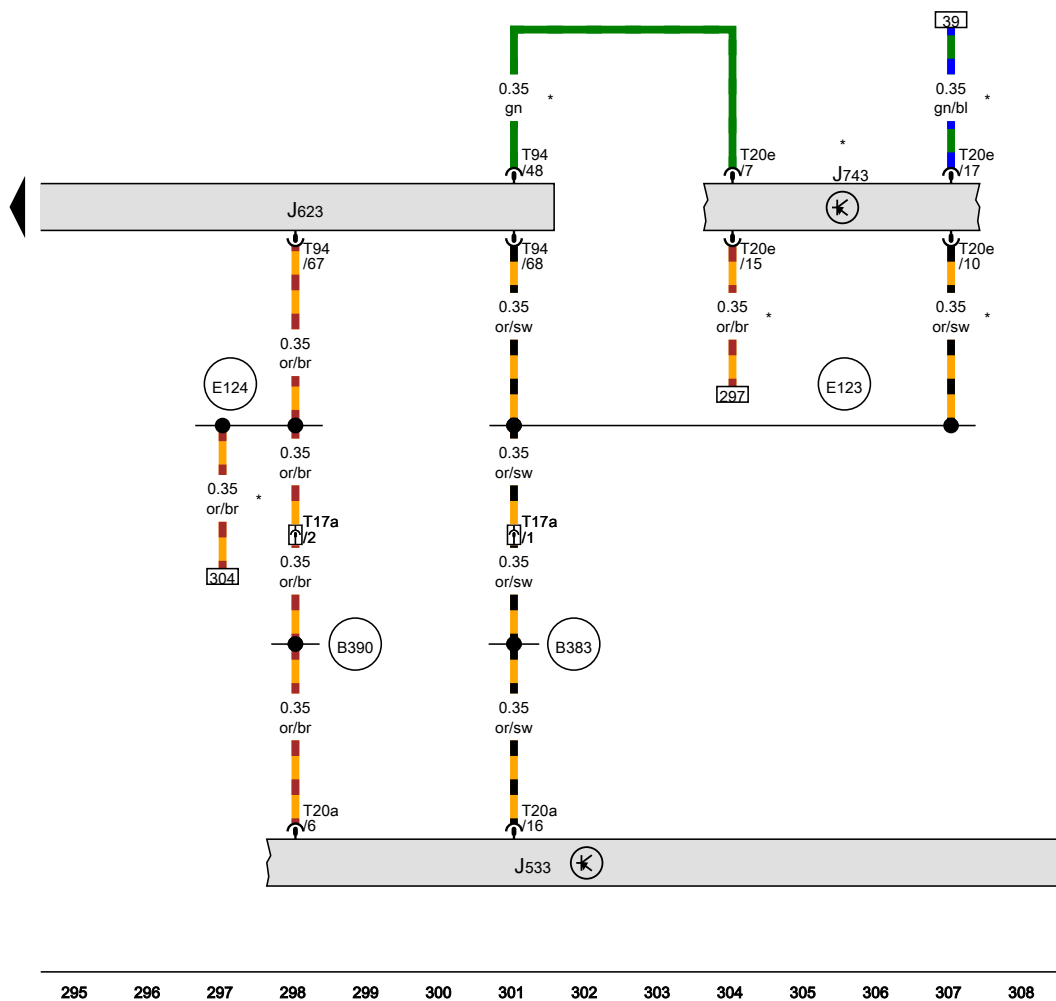
*2 From May 2013



Data bus diagnostic interface, Engine control unit,
Mechatronic unit for dual clutch gearbox

- J533 Data bus diagnostic interface
- J623 Engine control unit
- J743 Mechatronic unit for dual clutch gearbox
- T17a 17-pin connector
- T20a 20-pin connector
- T20e 20-pin connector
- T94 94-pin connector

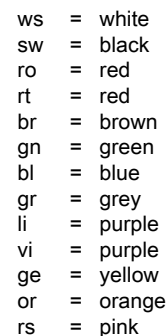
- (B383) Connection 1 (powertrain CAN bus, high), in main wiring harness
- (B390) Connection 1 (powertrain CAN bus, low), in main wiring harness
- (E123) Connection 1 (powertrain CAN bus, high), in engine wiring harness
- (E124) Connection 1 (powertrain CAN bus, low), in engine wiring harness
- * Only models with dual clutch gearbox



18V1-0052304151

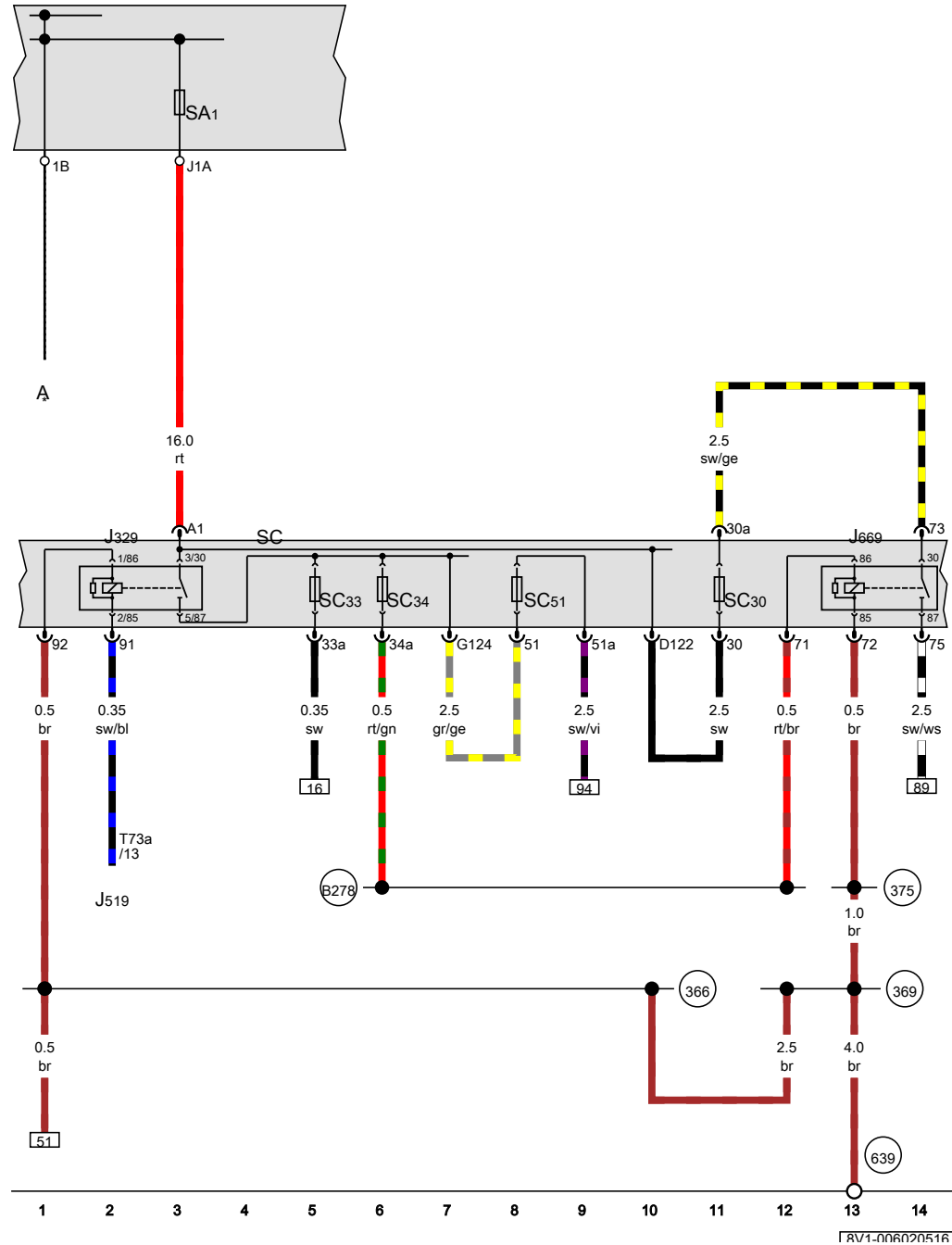
G169	Fuel gauge sender 2
J285	Control unit in dash panel insert
J533	Data bus diagnostic interface
T3cg	3-pin connector
T18	18-pin connector
T20a	20-pin connector

- * Only models with all-wheel drive
*2 Only left-hand drive models
*3 Only right-hand drive models



Airbag systems

From March 2012



Terminal 15 voltage supply relay, Seat belt tensioner relay, Fuse holder C

- A Battery
- J329 Terminal 15 voltage supply relay
- J519 Onboard supply control unit
- J669 Seat belt tensioner relay
- SA1 Fuse 1 in fuse holder A
- SC Fuse holder C
- SC30 Fuse 30 on fuse holder C
- SC33 Fuse 33 on fuse holder C
- SC34 Fuse 34 on fuse holder C
- SC51 Fuse 51 on fuse holder C
- T73a 73-pin connector

366 Earth connection 1, in main wiring harness

369 Earth connection 4, in main wiring harness

375 Earth connection 10, in main wiring harness

639 Earth point, left A-pillar

B278 Positive connection 2 (15a) in main wiring harness

* see applicable current flow diagram for battery in engine compartment

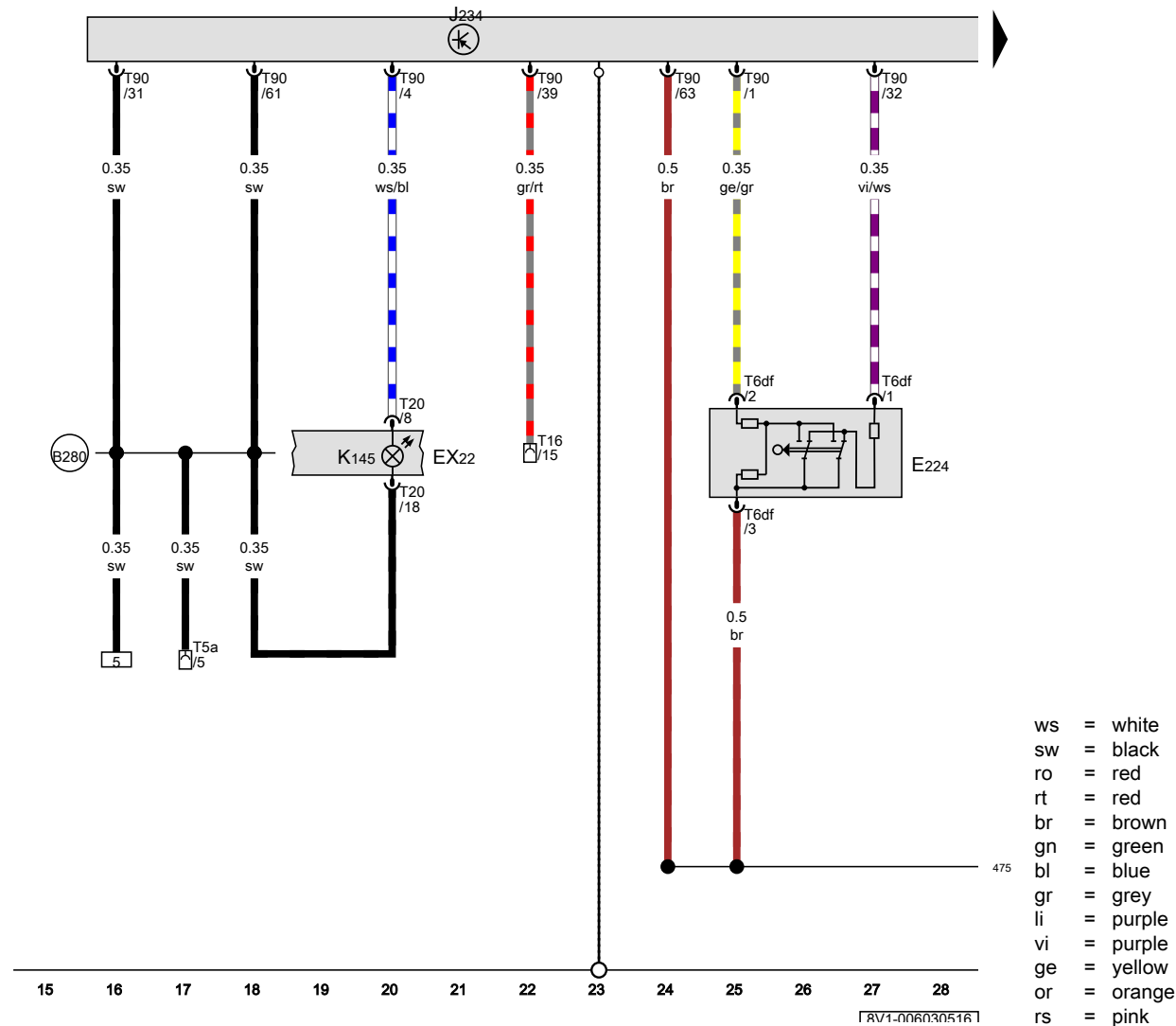
- ws = white
- sw = black
- ro = red
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- br = brown
- gn = green
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Centre switch module in dash panel, Key operated switch to deactivate front passenger side airbag, Airbag control unit, Front passenger side airbag deactivated warning lamp

- EX22 Centre switch module in dash panel
- E224 Key operated switch to deactivate front passenger side airbag
- J234 Airbag control unit
- K145 Front passenger side airbag deactivated warning lamp
- T5a 5-pin connector
- T6df 6-pin connector
- T16 16-pin connector
- T20 20-pin connector
- T90 90-pin connector

475 Earth connection (airbag), in main wiring harness

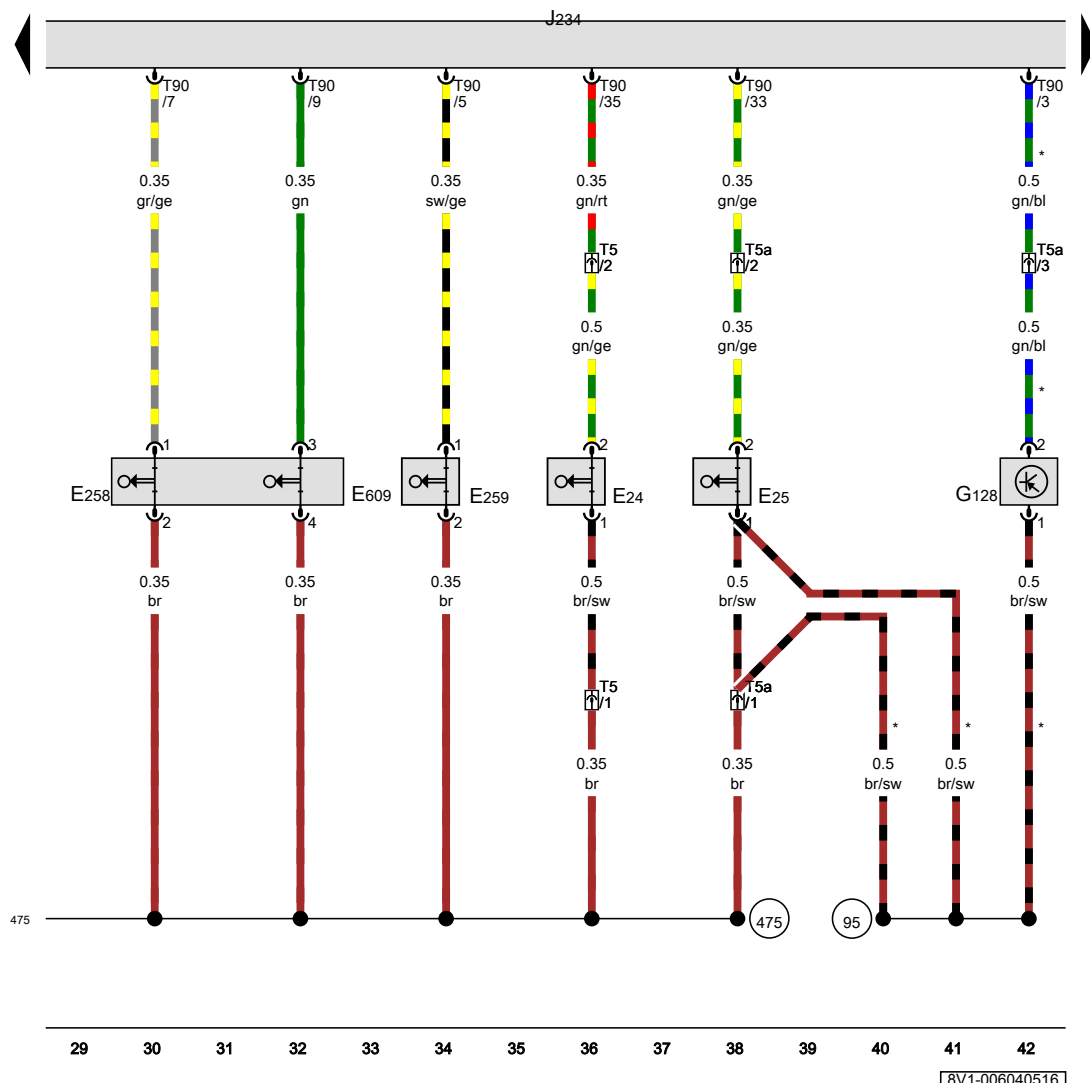
B280 Positive connection 4 (15a) in main wiring harness



Driver side belt switch, Front passenger side belt switch, Rear belt switch, driver side, Rear belt switch, front passenger side, Airbag control unit

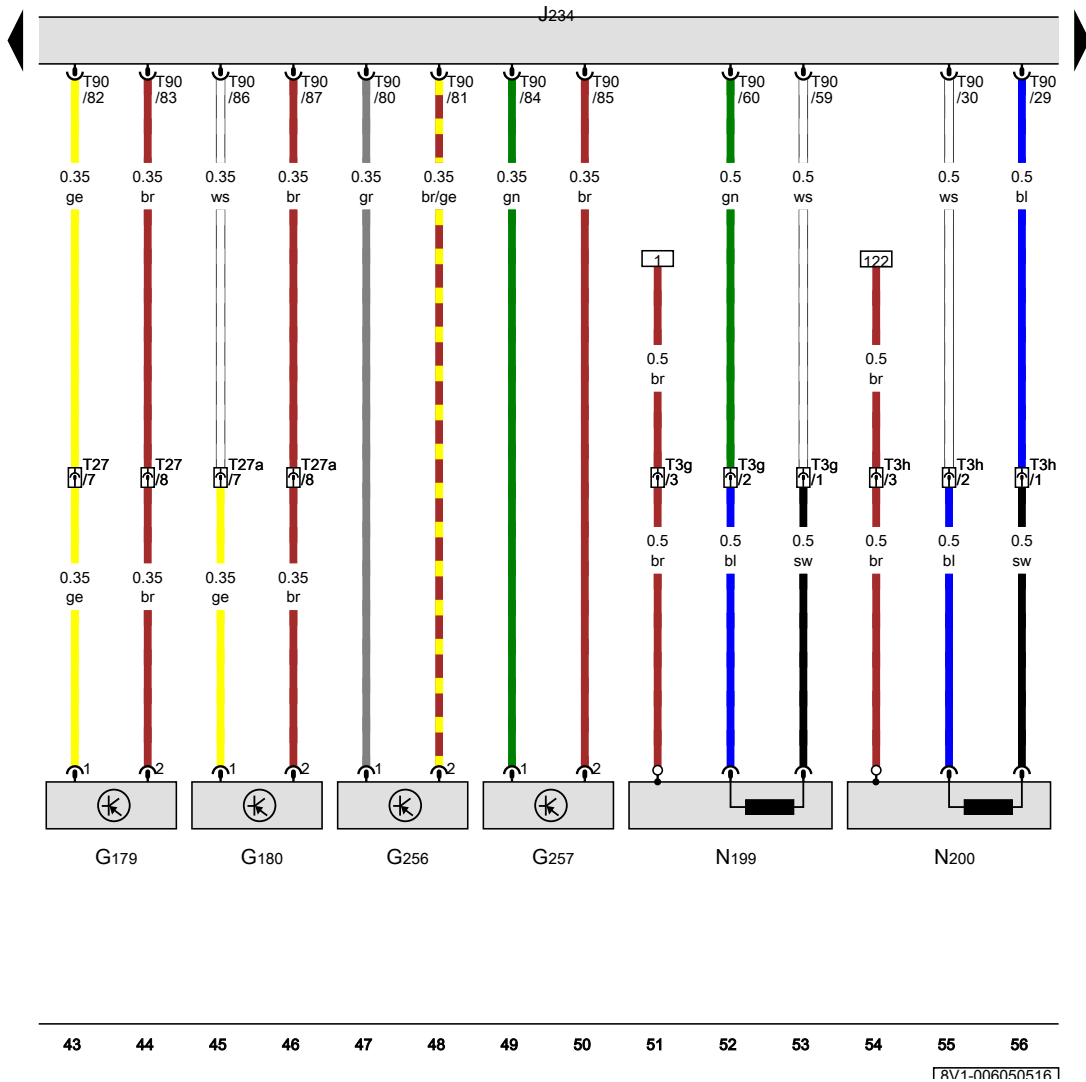
- E24 Driver side belt switch
- E25 Front passenger side belt switch
- E258 Rear belt switch, driver side
- E259 Rear belt switch, front passenger side
- E609 Rear centre belt switch
- G128 Seat occupied sensor, front passenger side
- J234 Airbag control unit
- T5 5-pin connector
- T5a 5-pin connector
- T90 90-pin connector

- 95 Earth connection 1, in seat adjustment wiring harness
- 475 Earth connection (airbag), in main wiring harness
- * Only models with seat occupied recognition



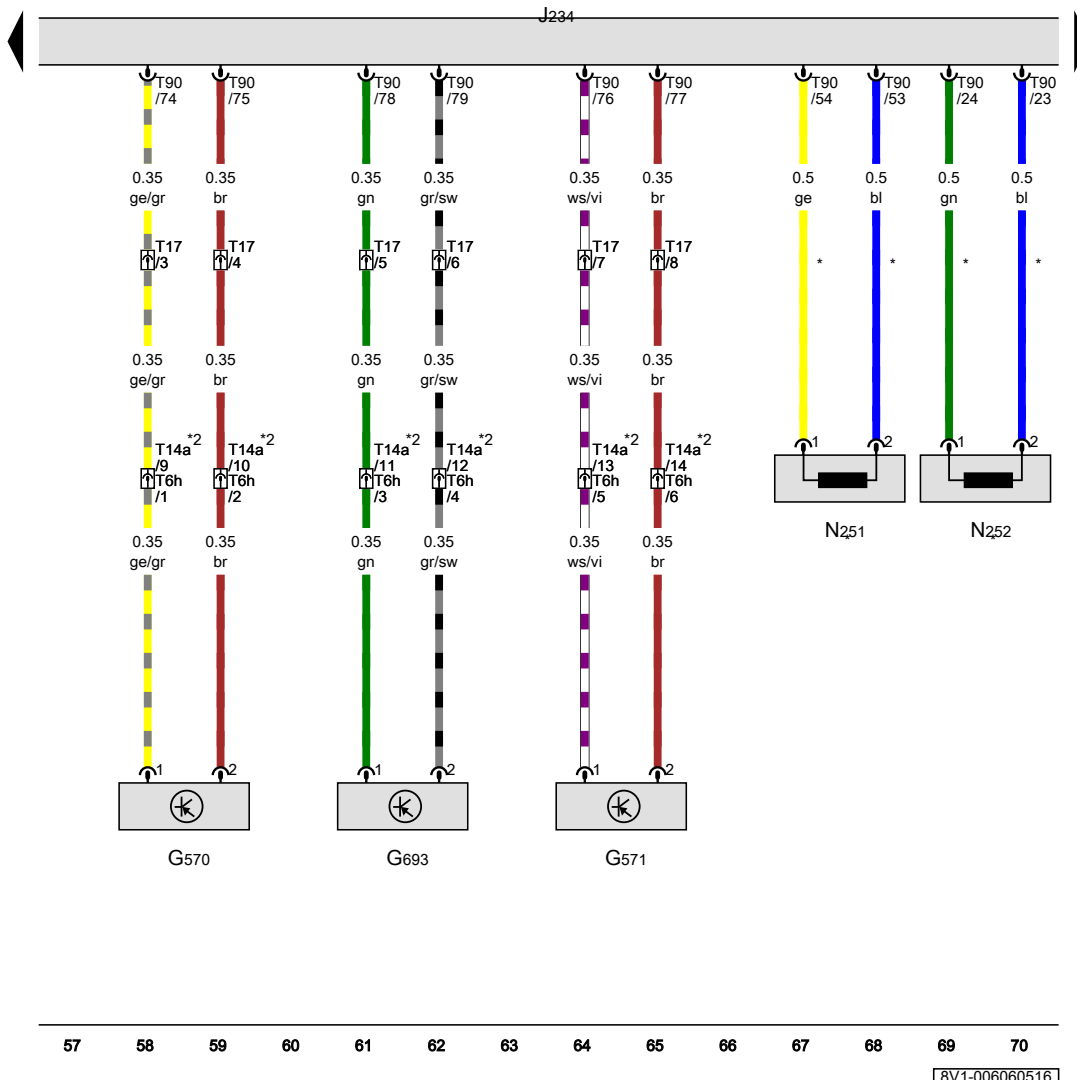
Side airbag crash sensor on driver side, Side airbag crash sensor on front passenger side, Rear side airbag crash sensor on driver side, Rear side airbag crash sensor on front passenger side, Airbag control unit, Side airbag igniter on driver side, Side airbag igniter on front passenger side

- G179 Side airbag crash sensor on driver side
- G180 Side airbag crash sensor on front passenger side
- G256 Rear side airbag crash sensor on driver side
- G257 Rear side airbag crash sensor on front passenger side
- J234 Airbag control unit
- N199 Side airbag igniter on driver side
- N200 Side airbag igniter on front passenger side
- T3g 3-pin connector, in driver seat armrest
- T3h 3-pin connector, under front passenger seat
- T27 27-pin connector
- T27a 27-pin connector
- T90 90-pin connector



Driver side crash sensor for pedestrian protection, Front passenger side crash sensor for pedestrian protection, Centre crash sensor for pedestrian protection, Airbag control unit, Driver side curtain airbag igniter, Front passenger side curtain airbag igniter

- G570 Driver side crash sensor for pedestrian protection
- G571 Front passenger side crash sensor for pedestrian protection
- G693 Centre crash sensor for pedestrian protection
- J234 Airbag control unit
- N251 Driver side curtain airbag igniter
- N252 Front passenger side curtain airbag igniter
- T14a 14-pin connector
- T17 17-pin connector
- T90 90-pin connector
- * Only models with curtain/head airbag
- *2 According to equipment

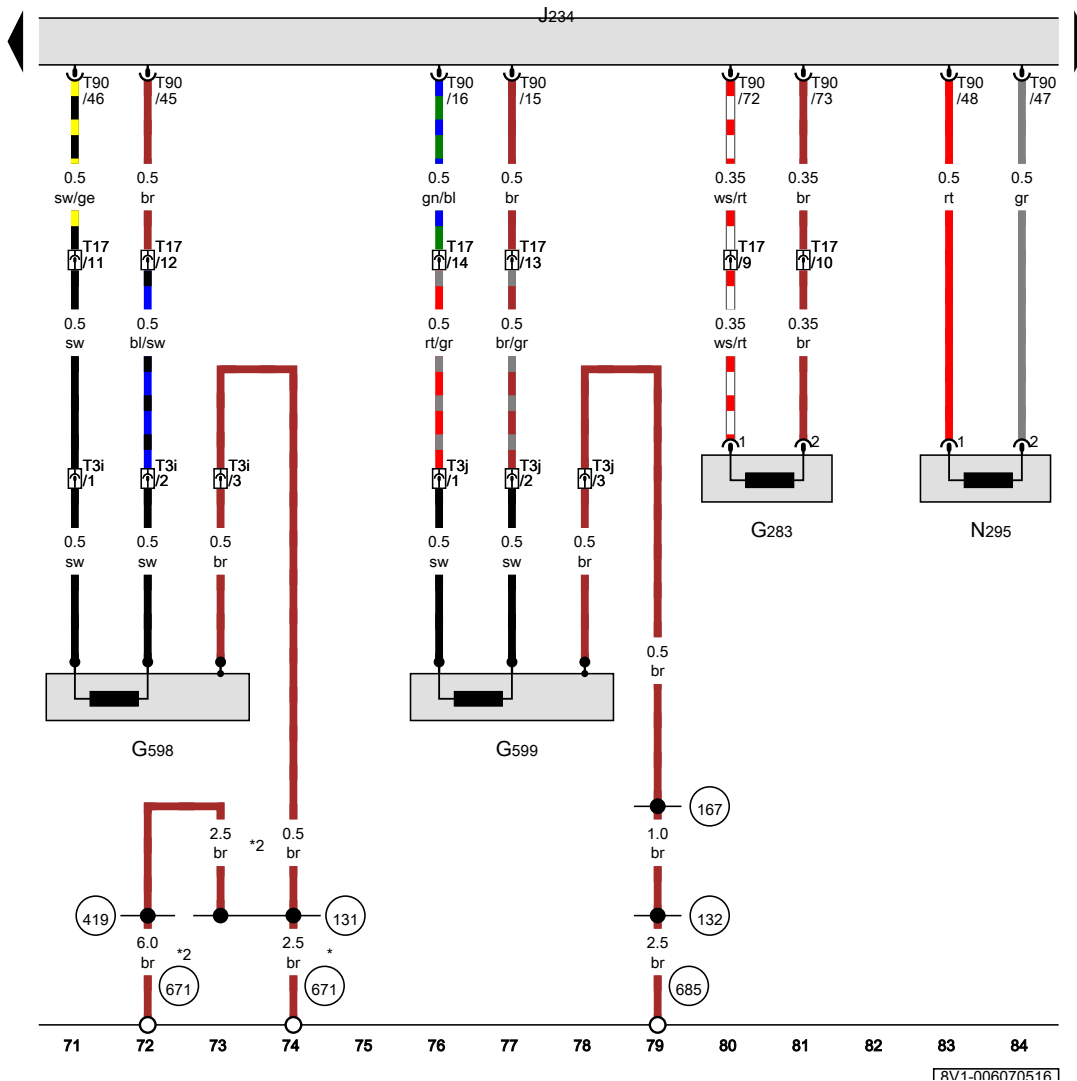


Front airbag crash sensor for driver side, Trigger 1 for pedestrian protection, Trigger 2 for pedestrian protection, Airbag control unit, Driver side knee airbag igniter

G283 Front airbag crash sensor for driver side
G598 Trigger 1 for pedestrian protection
G599 Trigger 2 for pedestrian protection
J234 Airbag control unit
N295 Driver side knee airbag igniter
T3i 3-pin connector
T3j 3-pin connector
T17 17-pin connector
T90 90-pin connector

- 131 Earth connection 2, in engine compartment wiring harness
- 132 Earth connection 3, in engine compartment wiring harness
- 167 Earth connection 4, in engine compartment wiring harness
- 419 Earth connection 11, in engine compartment wiring harness
- 671 Earth point 1, on front of left longitudinal member
- 685 Earth point 1 at front of right longitudinal member
- * Gradually discontinued
- *2 gradual introduction

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

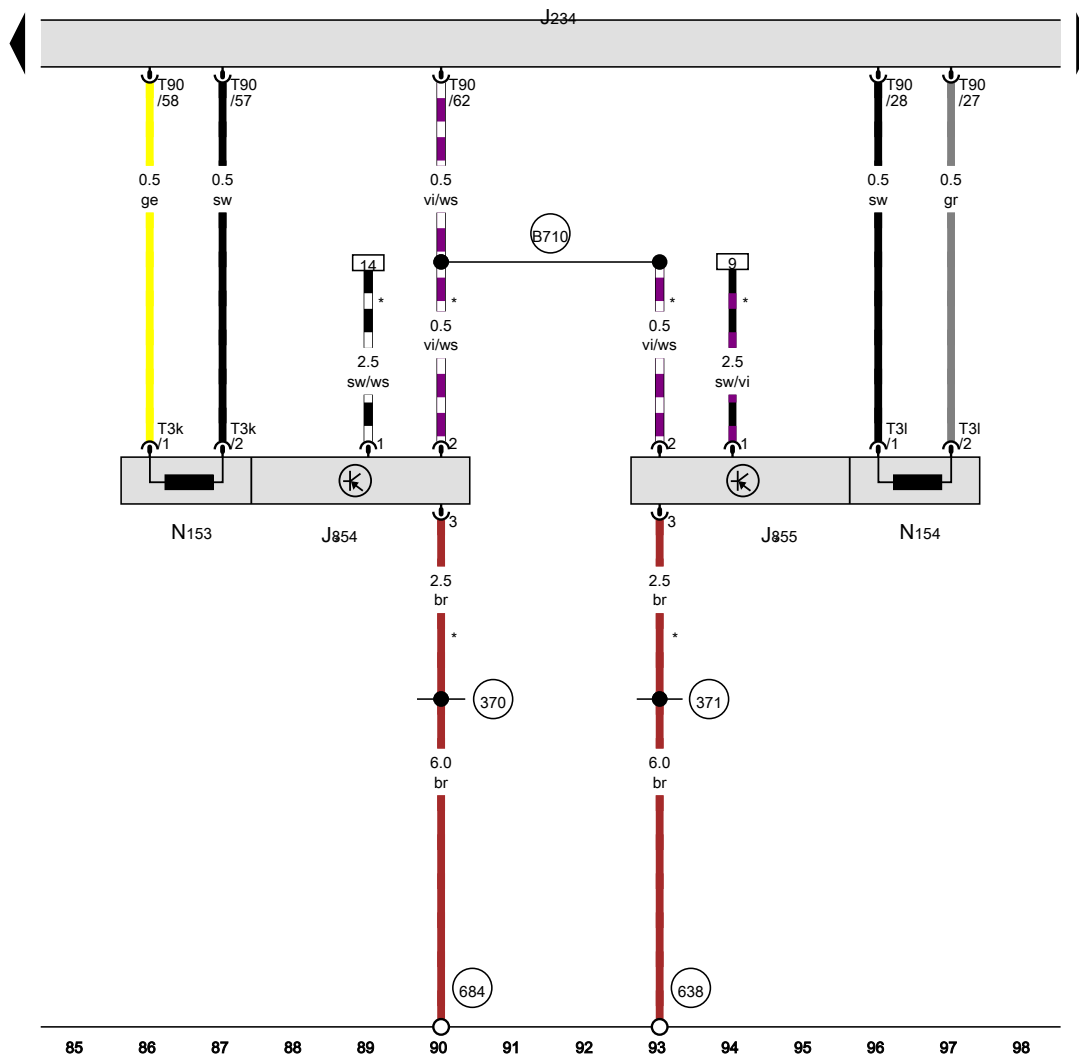


18V1-0060705161

Airbag control unit, Control unit for front left belt tensioner, Control unit for front right belt tensioner, Driver seat belt tensioner igniter 1, Front passenger seat belt tensioner igniter 1

- J234 Airbag control unit
- J854 Control unit for front left belt tensioner
- J855 Control unit for front right belt tensioner
- N153 Driver seat belt tensioner igniter 1
- N154 Front passenger seat belt tensioner igniter 1
- T3k 3-pin connector
- T3l 3-pin connector
- T90 90-pin connector

- 370 Earth connection 5, in main wiring harness
- 371 Earth connection 6, in main wiring harness
- 638 Earth point, on right A-pillar
- 684 Earth point on front of left side member
- B710 Connection 5 (LIN bus) in main wiring harness
- * According to equipment



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- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

1AV1-0060805161

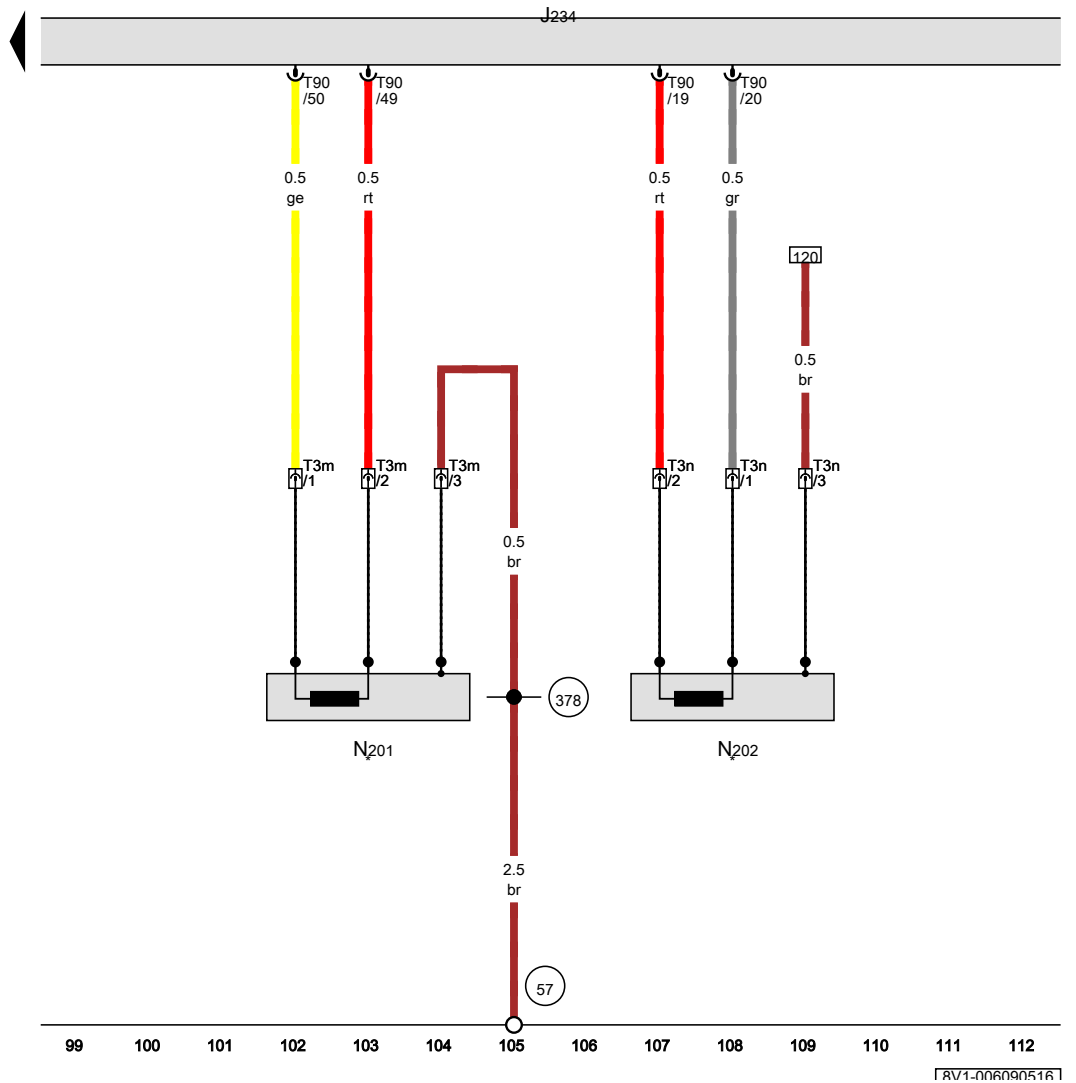
Airbag control unit, Rear side airbag igniter on driver side,
Rear side airbag igniter on front passenger side

- J234 Airbag control unit
N201 Rear side airbag igniter on driver side
N202 Rear side airbag igniter on front passenger side
T3m 3-pin connector
T3n 3-pin connector
T90 90-pin connector

57 Earth point, rear left pillar

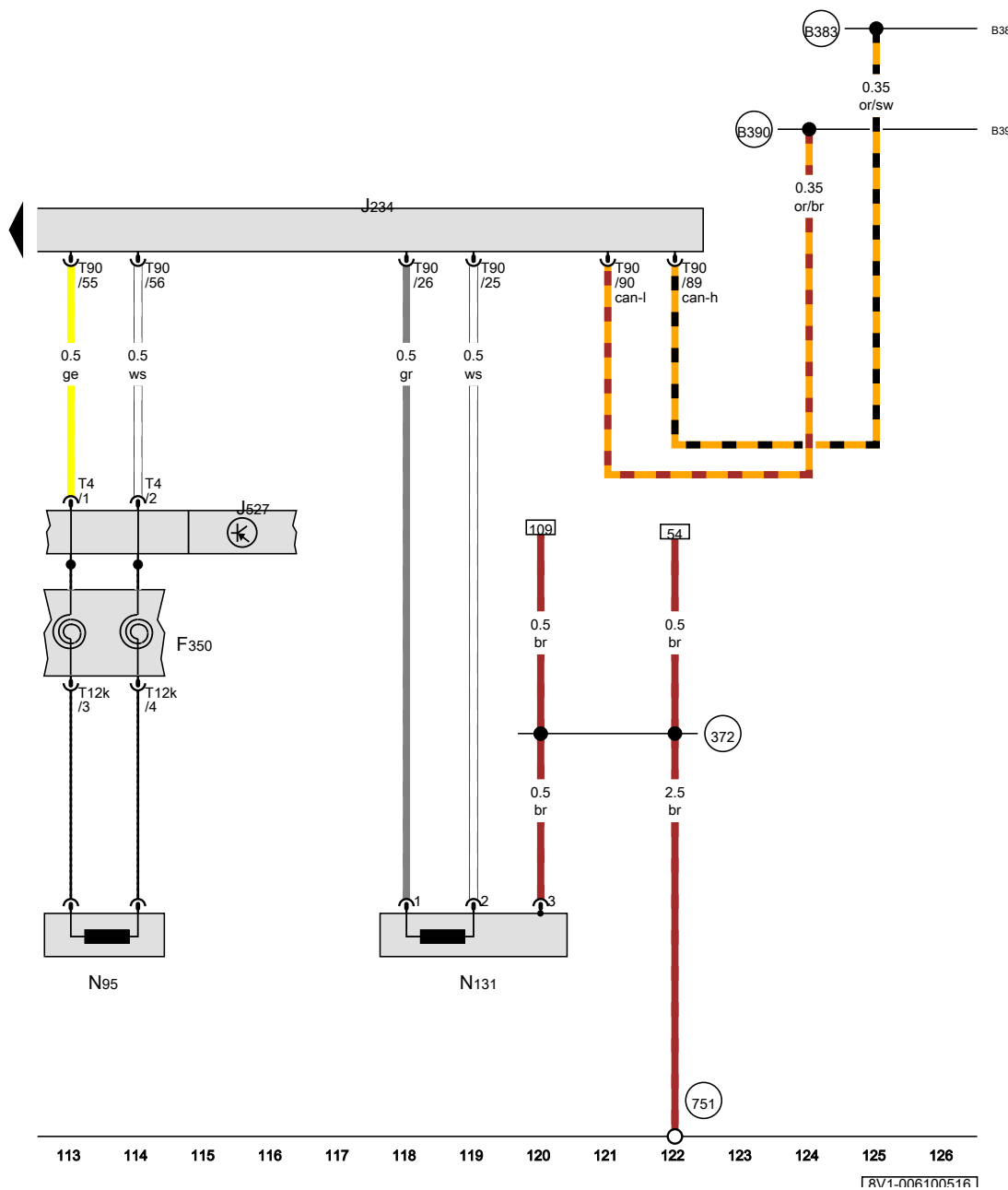
378 Earth connection 13, in main wiring harness

* Only models with 5-doors



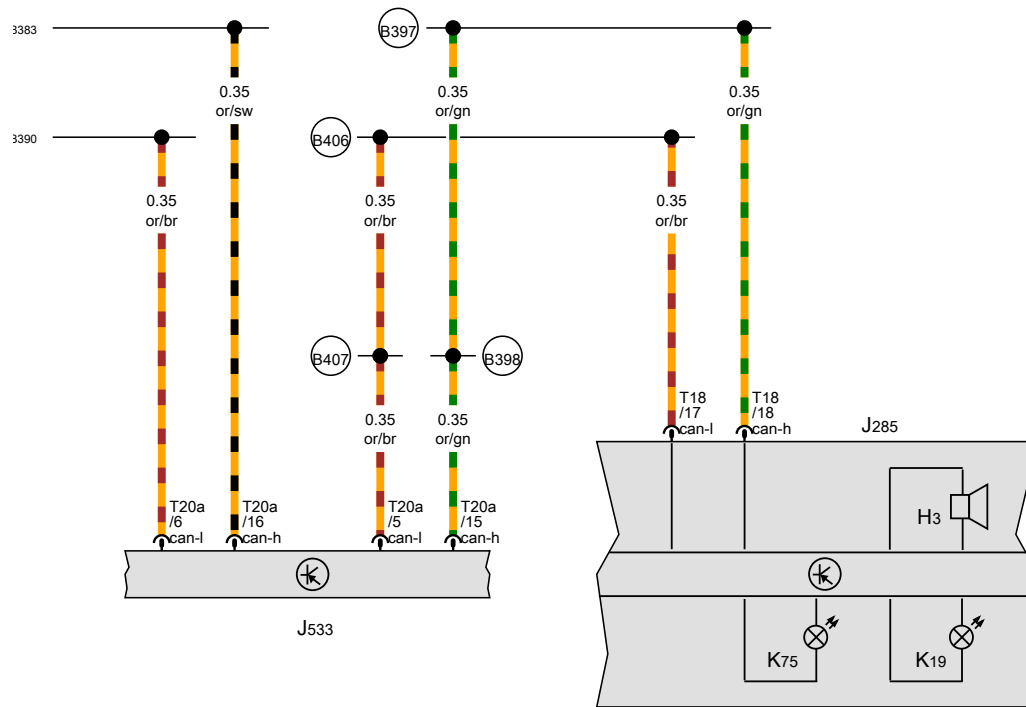
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or = orange
rs = pink

Airbag control unit, Steering column electronics control unit,
Driver side airbag igniter, Front passenger side airbag
igniter 1



- F350 Coil connector
- J234 Airbag control unit
- J527 Steering column electronics control unit
- N95 Driver side airbag igniter
- N131 Front passenger side airbag igniter 1
- T4 4-pin connector
- T10x 10-pin connector
- T12k 12-pin connector
- T90 90-pin connector

- 372 Earth connection 7, in main wiring harness
- 751 Earth point 2, on right A-pillar
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness



Buzzer and gong, Control unit in dash panel insert, Data bus diagnostic interface, Seat belt warning system warning lamp, Airbag warning lamp

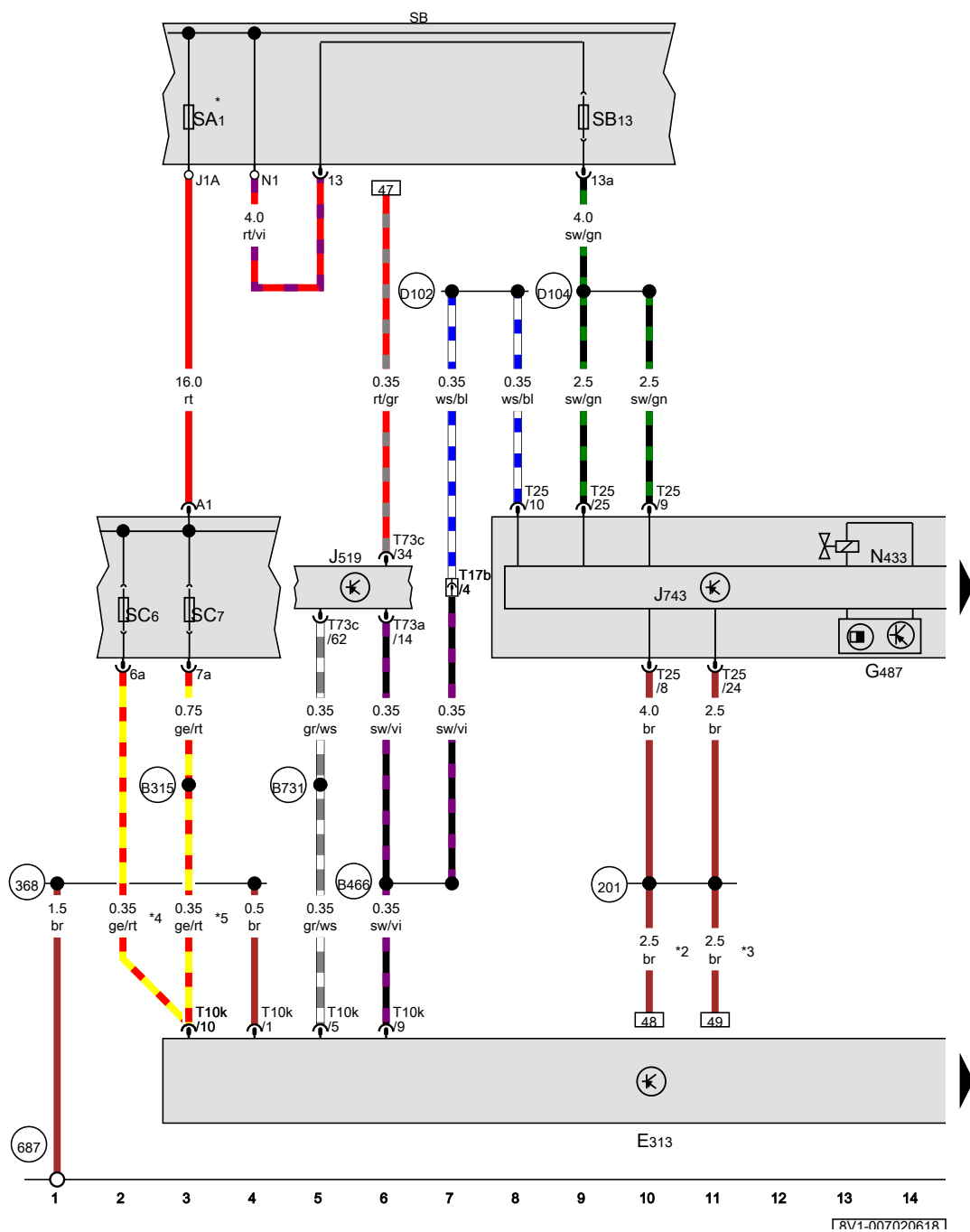
- H3 Buzzer and gong
- J285 Control unit in dash panel insert
- J533 Data bus diagnostic interface, in left footwell, near centre console
- K19 Seat belt warning system warning lamp
- K75 Airbag warning lamp
- T18 18-pin connector
- T20a 20-pin connector

- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

7-speed dual clutch gearbox 0CW (S tronic) , (0EG)

From March 2012



ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

Selector lever, Onboard supply control unit, Mechatronic unit for dual clutch gearbox, Valve 1 in gear train half 1

- E313 Selector lever
- G487 Gear selector movement sensor 1
- J519 Onboard supply control unit
- J743 Mechatronic unit for dual clutch gearbox
- N433 Valve 1 in gear train half 1
- SA1 Fuse 1 on fuse holder A
- SB Fuse holder B
- SC6 Fuse 6 on fuse holder C
- SC7 Fuse 7 on fuse holder C
- SB13 Fuse 13 on fuse holder B
- T10k 10-pin connector
- T17b 17-pin connector
- T25 25-pin connector
- T73a 73-pin connector
- T73c 73-pin connector

201 Earth connection 5, in engine compartment wiring harness

368 Earth connection 3, in main wiring harness

687 Earth point 1, on centre tunnel

B315 Positive connection 1 (30a) in main wiring harness

B466 Connection 2, in main wiring harness

B731 Connection 1 (58s), in main wiring harness

D102 Connection 2 in engine compartment wiring harness

D104 Positive connection 2 (30a), in engine compartment wiring harness

* see applicable current flow diagram for battery in engine compartment

*2 Gradually discontinued

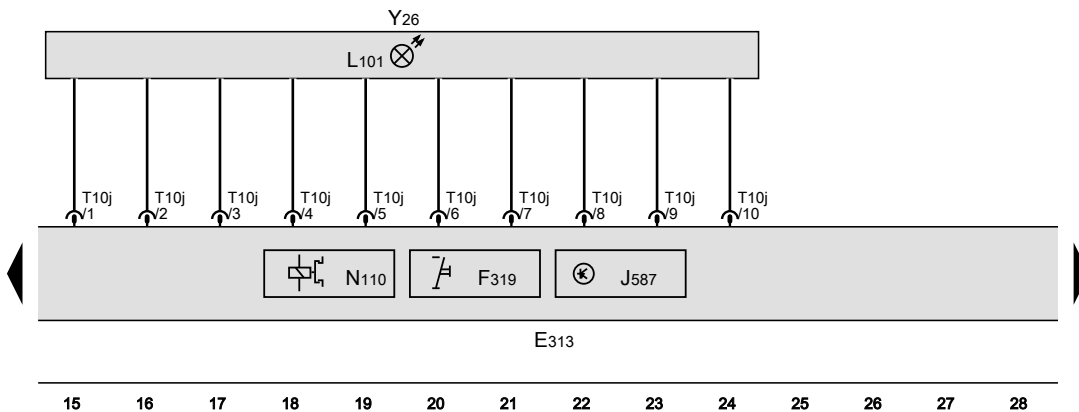
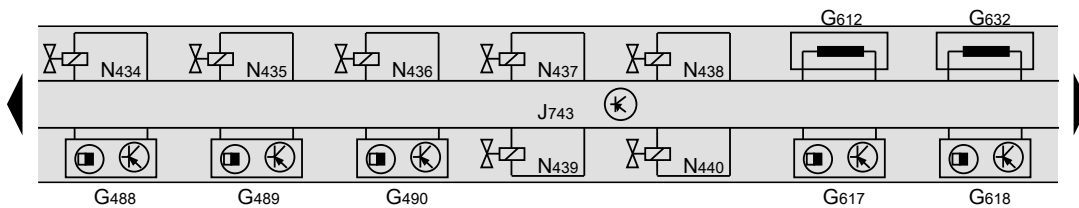
*3 gradual introduction

*4 From May 2015

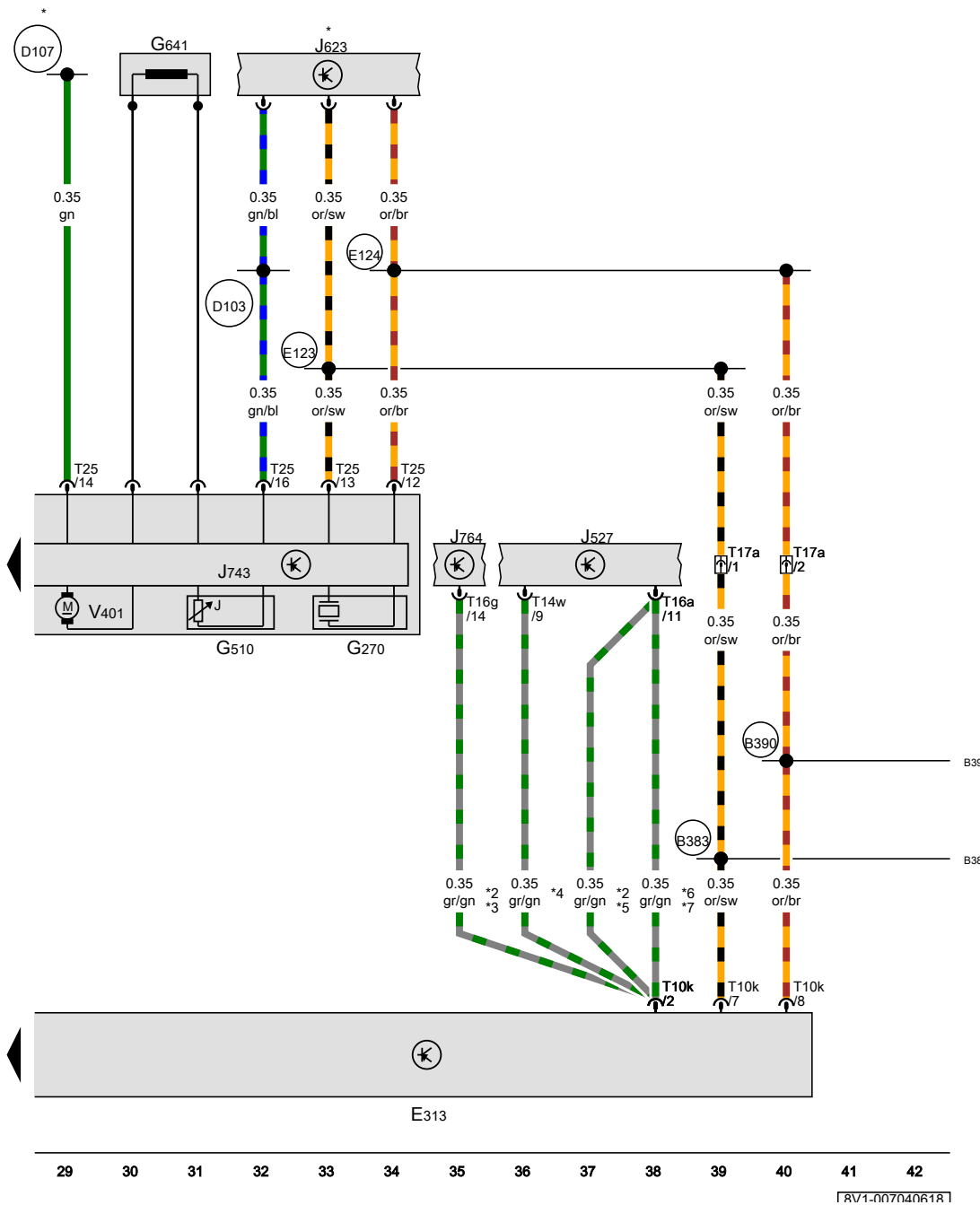
*5 Up to April 2015

Selector lever, Selector lever locked in position P switch, Gearbox input speed sender 2, Gearbox input speed sender 1, Selector lever sensors control unit, Mechatronic unit for dual clutch gearbox, Selector lever lock solenoid, Valve 2 in gear train half 1, Valve 3 in gear train half 1, Valve 4 in gear train half 1, Valve 1 in gear train half 2, Valve 2 in gear train half 2, Selector lever position display

- E313 Selector lever
- F319 Selector lever locked in position P switch
- G488 Gear selector movement sensor 2
- G489 Gear selector movement sensor 3
- G490 Gear selector movement sensor 4
- G612 Gearbox input speed sender 2
- G617 Clutch travel sender 1
- G618 Clutch travel sender 2
- G632 Gearbox input speed sender 1
- J587 Selector lever sensors control unit
- J743 Mechatronic unit for dual clutch gearbox
- L101 Selector lever display illumination bulb
- N110 Selector lever lock solenoid
- N434 Valve 2 in gear train half 1
- N435 Valve 3 in gear train half 1
- N436 Valve 4 in gear train half 1
- N437 Valve 1 in gear train half 2
- N438 Valve 2 in gear train half 2
- N439 Valve 3 in gear train half 2
- N440 Valve 4 in gear train half 2
- T10j 10-pin connector
- Y26 Selector lever position display



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- ro = red
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- bl = blue
- gr = grey
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- vi = purple
- ge = yellow
- or = orange
- rs = pink



Selector lever, Gearbox hydraulic pressure sender, Temperature sender in control unit, Gearbox input speed sender 3, Engine/motor control unit, Mechatronic unit for dual clutch gearbox, Hydraulic pump motor

- E313 Selector lever
- G270 Gearbox hydraulic pressure sender
- G510 Temperature sender in control unit
- G641 Gearbox input speed sender 3
- J527 Steering column electronics control unit
- J623 Engine/motor control unit
- J743 Mechatronic unit for dual clutch gearbox
- J764 Control unit for electronic steering column lock
- T10k 10-pin connector
- T14w 14-pin connector, black
- T16a 16-pin connector
- T16g 16-pin connector
- T17a 17-pin connector
- T25 25-pin connector
- V401 Hydraulic pump motor

B383 Connection 1 (powertrain CAN bus, high), in main wiring harness

B390 Connection 1 (powertrain CAN bus, low), in main wiring harness

D103 Connection 3 in engine compartment wiring harness

D107 Connection 5 in engine compartment wiring harness

E123 Connection 1 (powertrain CAN bus, high), in engine wiring harness

E124 Connection 1 (powertrain CAN bus, low), in engine wiring harness

* see applicable current flow diagram for engine

*2 Up to October 2013

*3 For models with entry and start authorisation

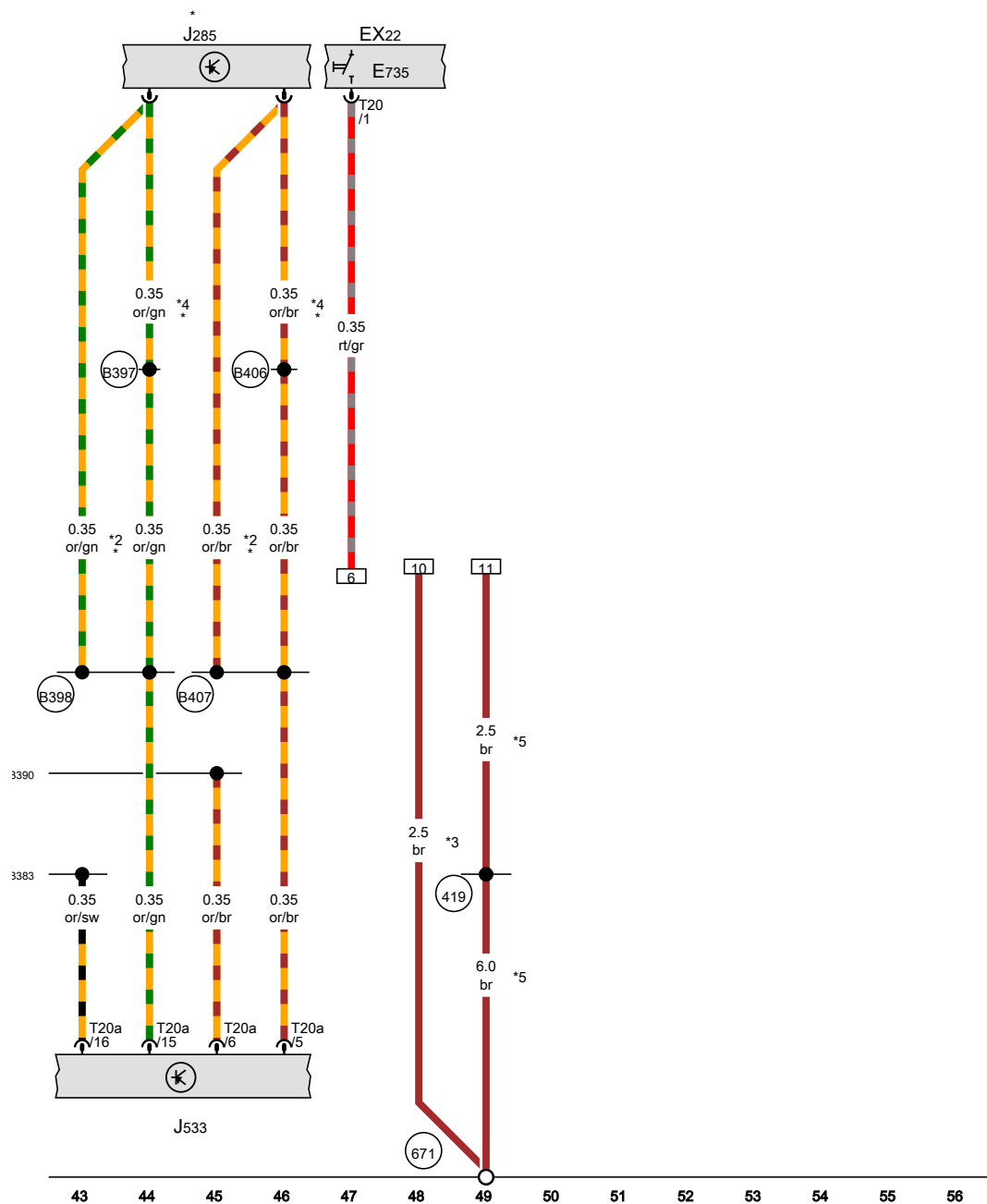
*4 For models with heated steering wheel

*5 For models with no entry and start authorisation

*6 From November 2013

*7 For models with no heated steering wheel

- ws = white
- sw = black
- ro = red
- rt = red
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- bl = blue
- gr = grey
- li = purple
- vi = purple
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- or = orange
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18V1-0070506181

Control unit in dash panel insert, Data bus diagnostic interface

- EX22 Centre switch module in dash panel
- E735 Driving mode selection button
- J285 Control unit in dash panel insert
- J533 Data bus diagnostic interface
- T20 20-pin connector, red
- T20a 20-pin connector

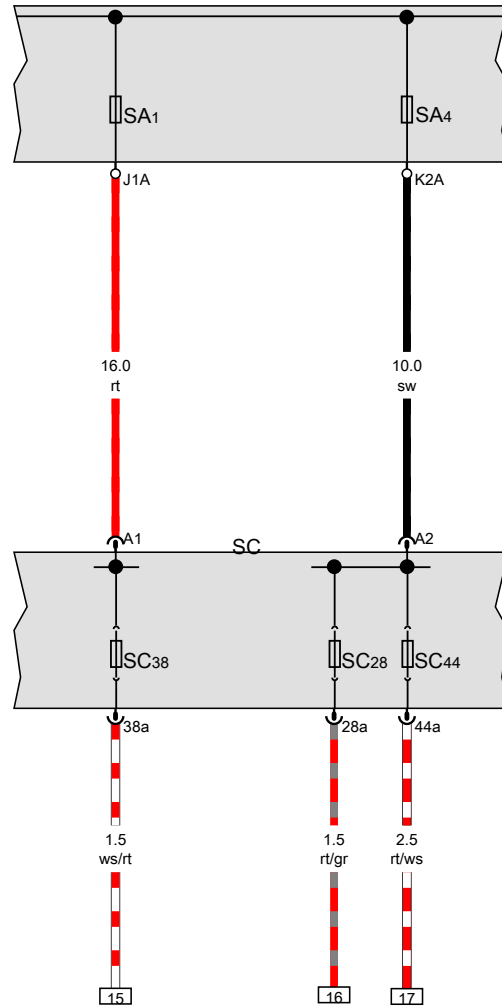
- 419 Earth connection 11, in engine compartment wiring harness
- 671 Earth point 1, on front of left longitudinal member
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness

- * see applicable current flow diagram for dash panel insert
- *2 For right-hand drive models
- *3 Gradually discontinued
- *4 For left-hand drive models
- *5 gradual introduction

- ws = white
- sw = black
- ro = red
- rt = red
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- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Trailer coupling , (1M5),(1D2)

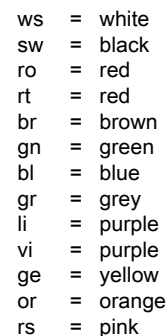
From March 2012



Fuse 1 in fuse holder A, Fuse 4 in fuse holder A, Fuse holder C

- SA1 Fuse 1 in fuse holder A
- SA4 Fuse 4 in fuse holder A
- SC Fuse holder C
- SC28 Fuse 28 on fuse holder C
- SC38 Fuse 38 on fuse holder C
- SC44 Fuse 44 on fuse holder C

- ws = white
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- rt = red
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- gn = green
- bl = blue
- gr = grey
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- ge = yellow
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- rs = pink



F	Brake light switch
J345	Trailer detector control unit
J519	Onboard supply control unit
J533	Data bus diagnostic interface
T2p	2-pin connector
T12b	12-pin connector
T17c	17-pin connector
T20a	20-pin connector
T73a	73-pin connector

57	Earth point, rear left pillar
373	Earth connection 8, in main wiring harness
B335	Connection 1 (54), in main wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B398	Connection 2 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
B407	Connection 2 (convenience CAN bus, low), in main wiring harness
B466	Connection 2, in main wiring harness
D73	Positive connection (54), in engine compartment wiring harness
*	Only models with preparation for trailer coupling
*2	Only models with 3-doors
*3	Only models with 5-doors

Trailer detector control unit, Trailer socket

J345 Trailer detector control unit

T16l 16-pin connector

U10 Trailer socket

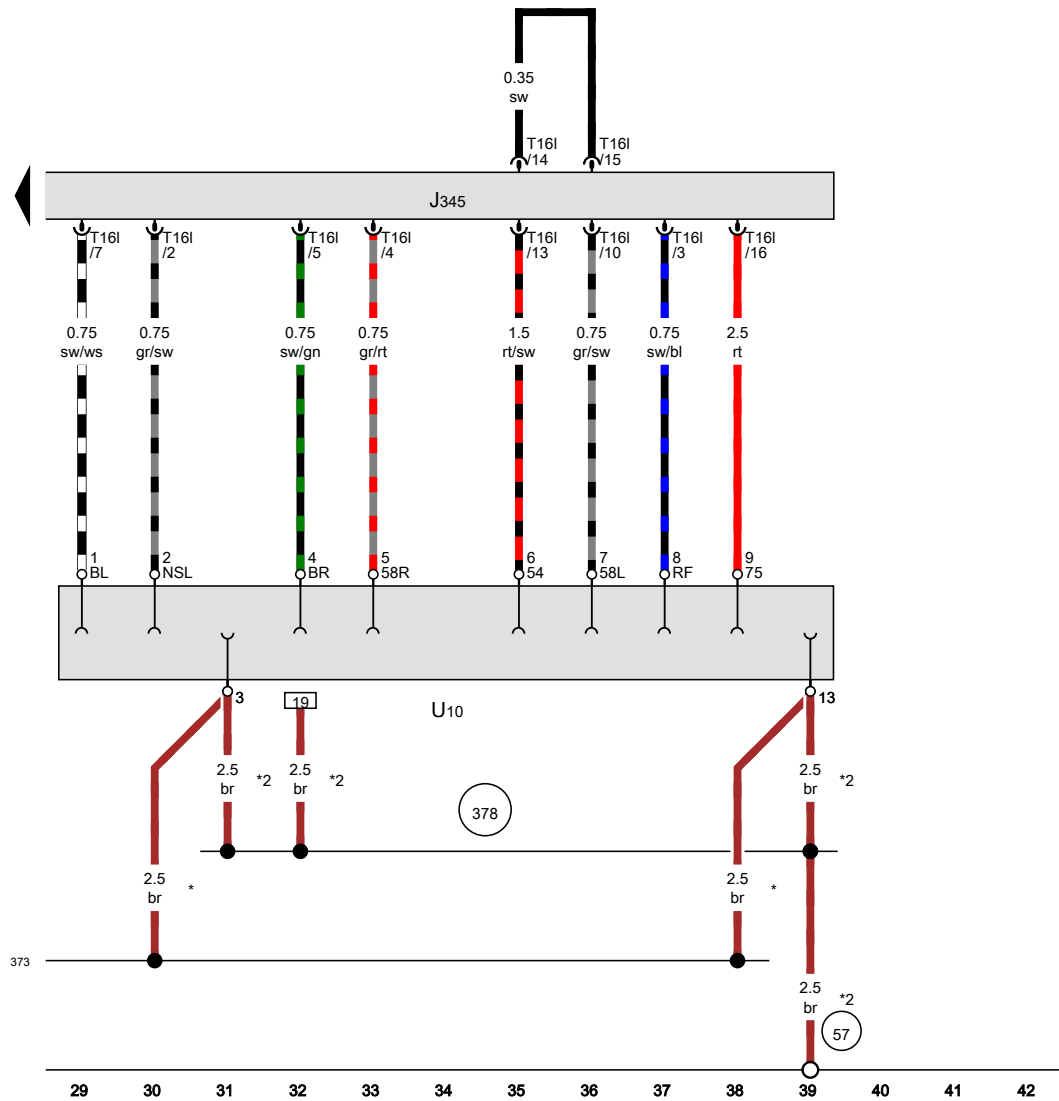
57 Earth point, rear left pillar

373 Earth connection 8, in main wiring harness

378 Earth connection 13, in main wiring harness

* Only models with 3-doors

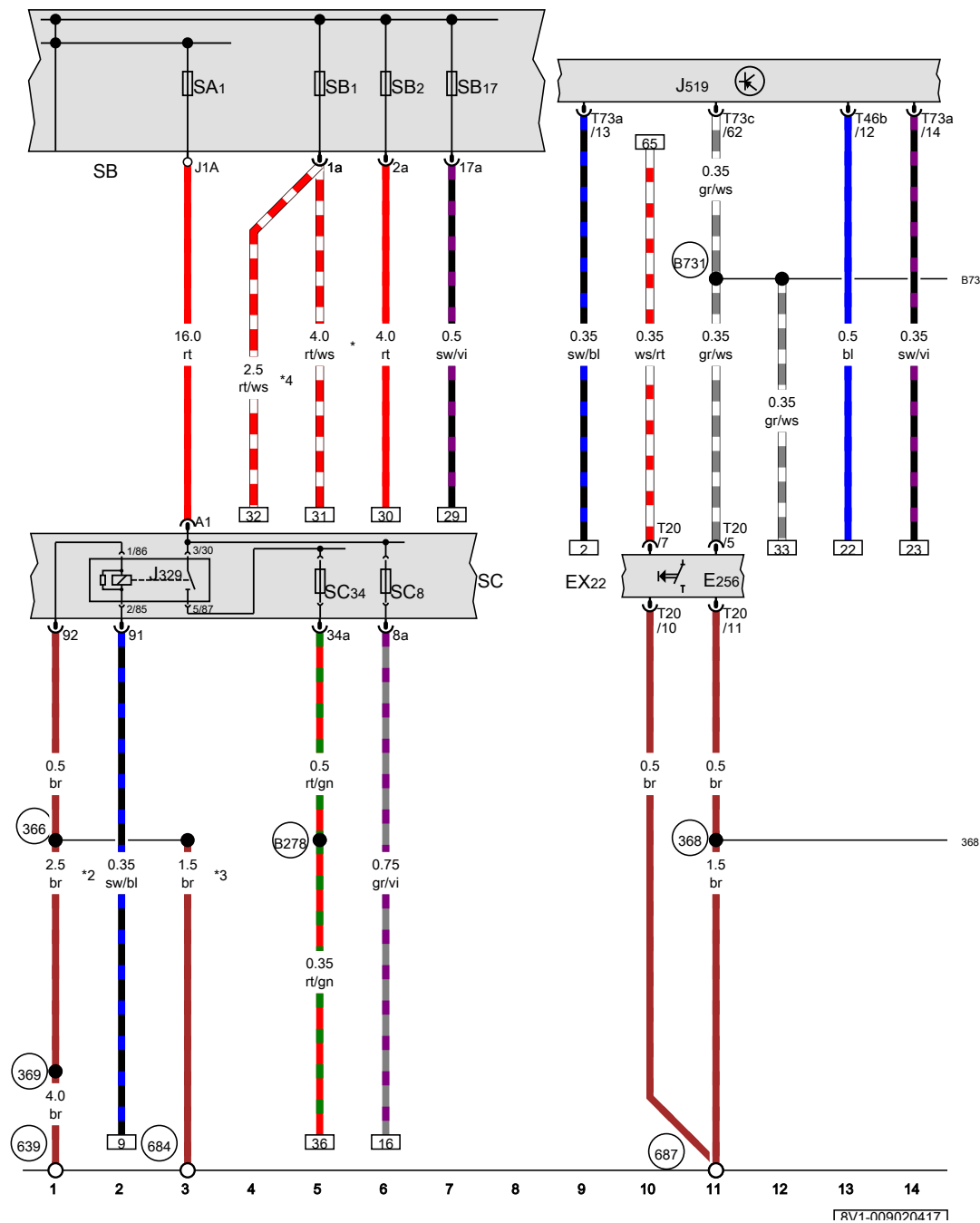
*2 Only models with 5-doors



18V1-008041115

Anti-lock brake system (ABS) with electronic stabilisation program (ESP)

From March 2012

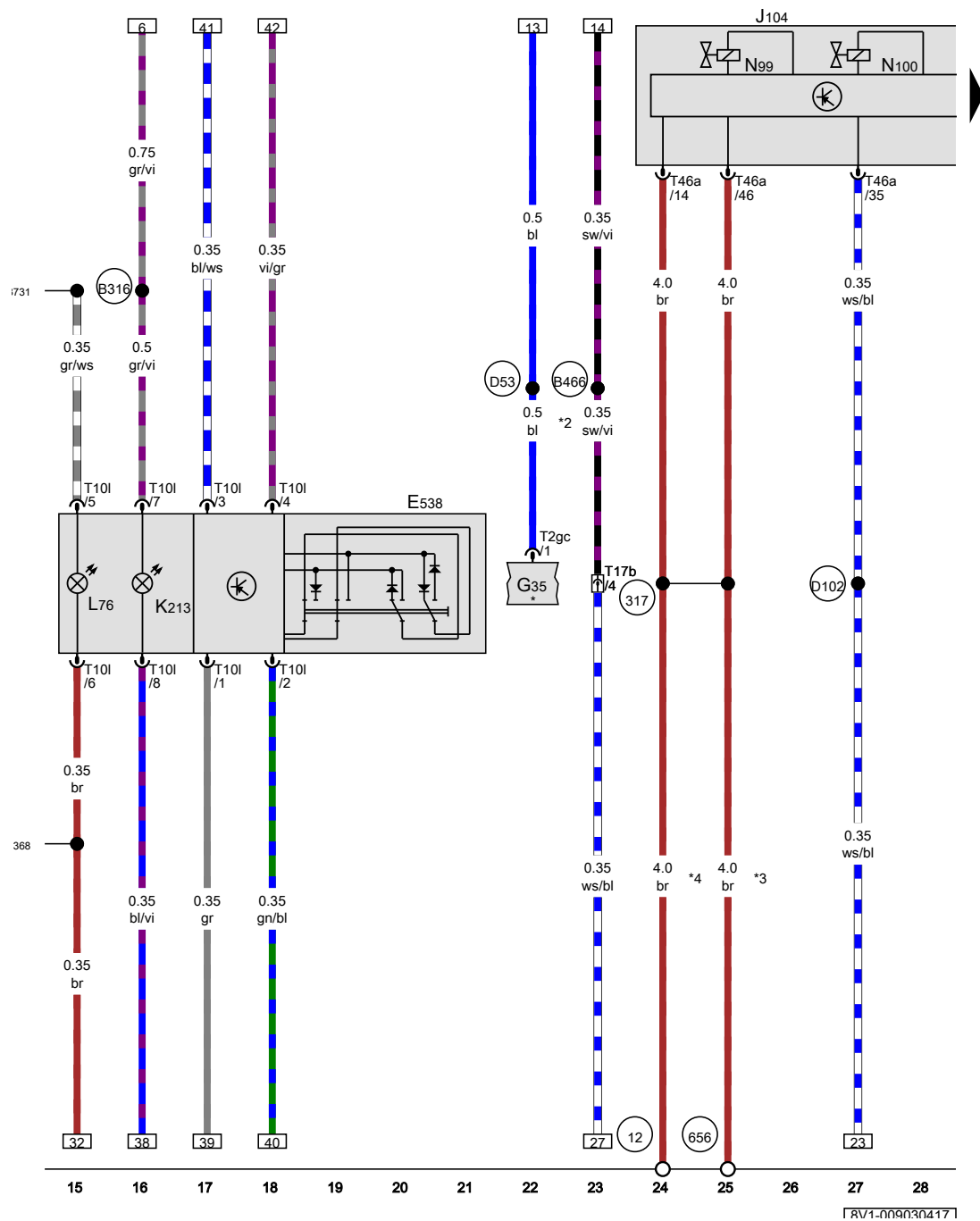


Centre switch module in dash panel, Terminal 15 voltage supply relay, Onboard supply control unit, Fuse holder C

- EX22 Centre switch module in dash panel
- E256 Button for TCS and electronic stabilisation program
- J329 Terminal 15 voltage supply relay
- J519 Onboard supply control unit
- SA1 Fuse 1 on fuse holder A
- SB Fuse holder B
- SB1 Fuse 1 on fuse holder B
- SB2 Fuse 2 on fuse holder B
- SC8 Fuse 8 on fuse holder C
- SB17 Fuse 17 on fuse holder B
- SC Fuse holder C
- SC34 Fuse 34 on fuse holder C
- T20 20-pin connector
- T46b 46-pin connector
- T73a 73-pin connector
- T73c 73-pin connector

- 366 Earth connection 1, in main wiring harness
- 368 Earth connection 3, in main wiring harness
- 369 Earth connection 4, in main wiring harness
- 639 Earth point, left A-pillar
- 684 Earth point on front of left side member
- 687 Earth point 1, on centre tunnel
- B278 Positive connection 2 (15a) in main wiring harness
- B731 Connection 1 (58s), in main wiring harness

- * Up to April 2017
- *2 Only left-hand drive models
- *3 Only right-hand drive models
- *4 From May 2017



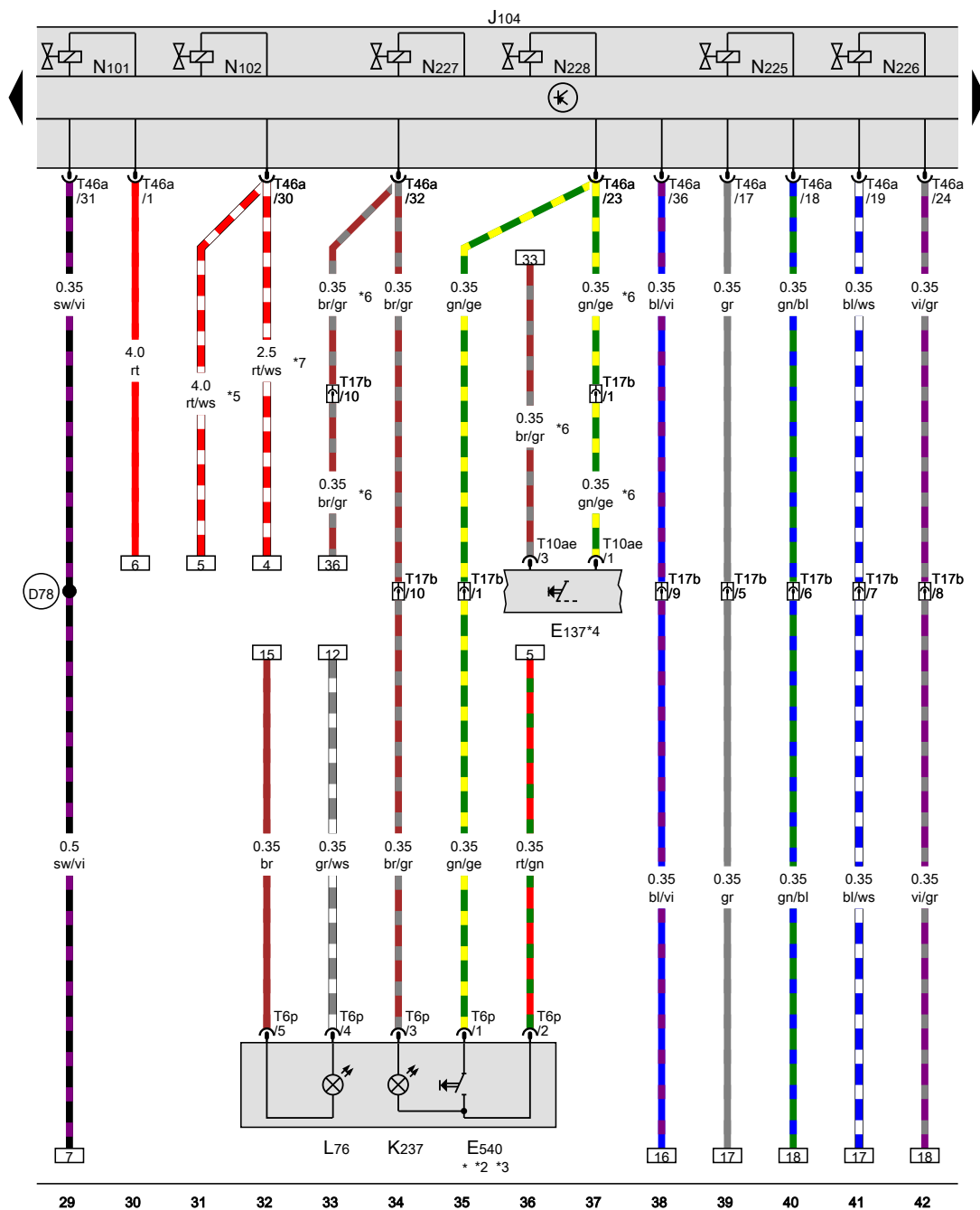
ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

Electromechanical parking brake button, ABS control unit

- E538 Electromechanical parking brake button
- G35 Front right brake pad wear sender
- J104 ABS control unit
- K213 Electromechanical parking brake warning lamp
- L76 Button illumination bulb
- N99 Front right ABS inlet valve
- N100 Front right ABS outlet valve
- T2gc 2-pin connector
- T10I 10-pin connector
- T17b 17-pin connector
- T46a 46-pin connector

- 12 Earth point, on left in engine compartment
- 317 Earth connection 7, in engine compartment wiring harness
- 368 Earth connection 3, in main wiring harness
- 656 Earth point, on right headlight
- B316 Positive connection 2 (30a) in main wiring harness
- B466 Connection 2, in main wiring harness
- B731 Connection 1 (58s), in main wiring harness
- D53 Connection (right brake wear indicator), in engine compartment wiring harness
- D102 Connection 2 in engine compartment wiring harness

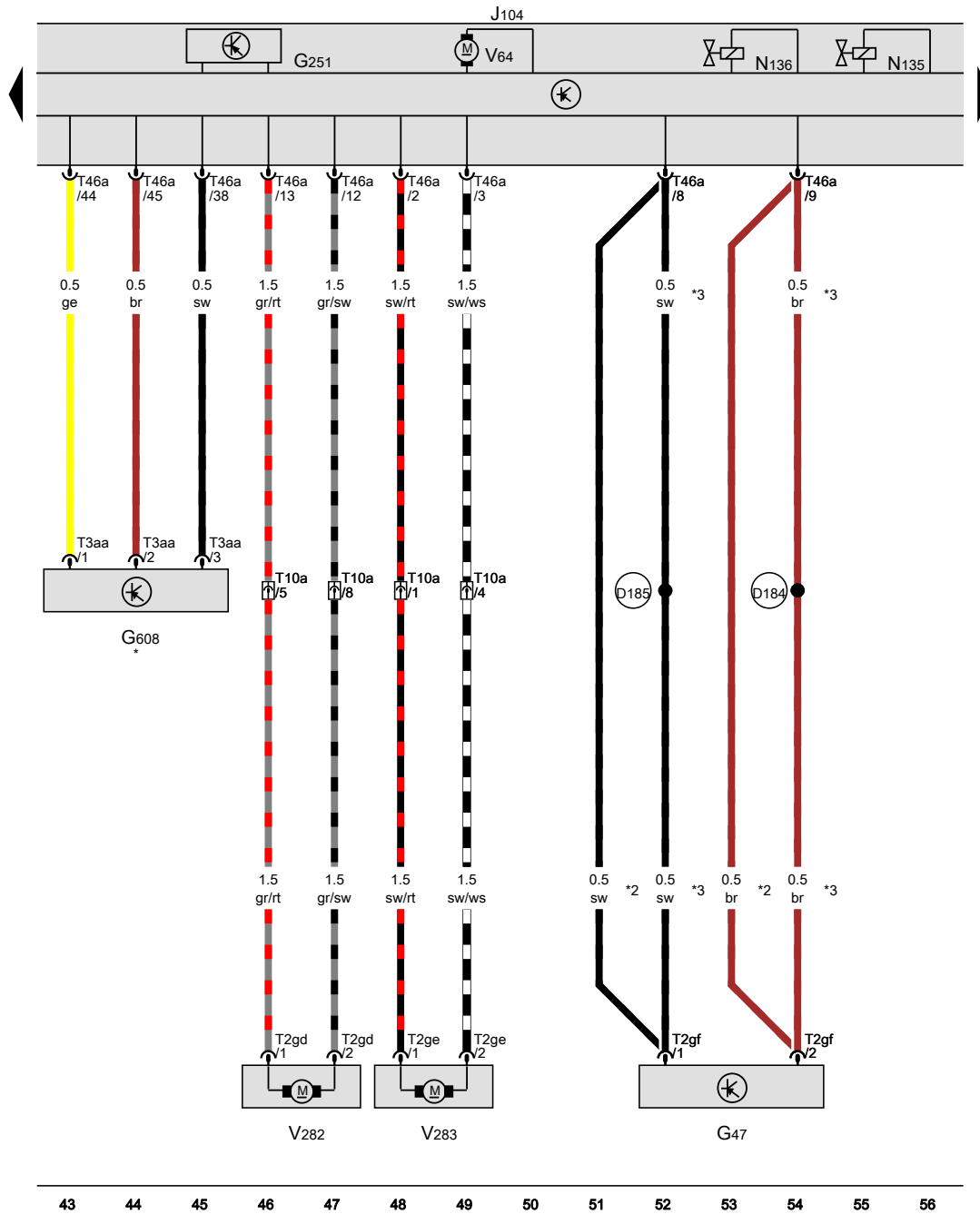
- * see applicable current flow diagram for basic equipment
- *2 Wiring colour depends on equipment
- *3 Only left-hand drive models
- *4 Only right-hand drive models



Auto-hold button, ABS control unit, Front left ABS inlet valve

- E137 Convertible roof actuation button
- E540 Auto-hold button
- J104 ABS control unit
- K237 Auto-hold warning lamp
- L76 Button illumination bulb
- N101 Front left ABS inlet valve
- N102 Front left ABS outlet valve
- N225 Vehicle stabilization program switch valve 1
- N226 Vehicle stabilization program switch valve 2
- N227 Vehicle stabilization program high-pressure valve 1
- N228 Vehicle stabilization program high-pressure valve 2
- T6p 6-pin connector
- T10ae 10-pin connector
- T17b 17-pin connector
- T46a 46-pin connector
- (D78) Positive connection 1 (30a), in engine compartment wiring harness
- * Only models with 3-doors
- *2 Only models with 4-doors
- *3 Only models with 5-doors
- *4 see applicable current flow diagram for convertible roof
- *5 Up to April 2017
- *6 Only Cabriolet models
- *7 From May 2017

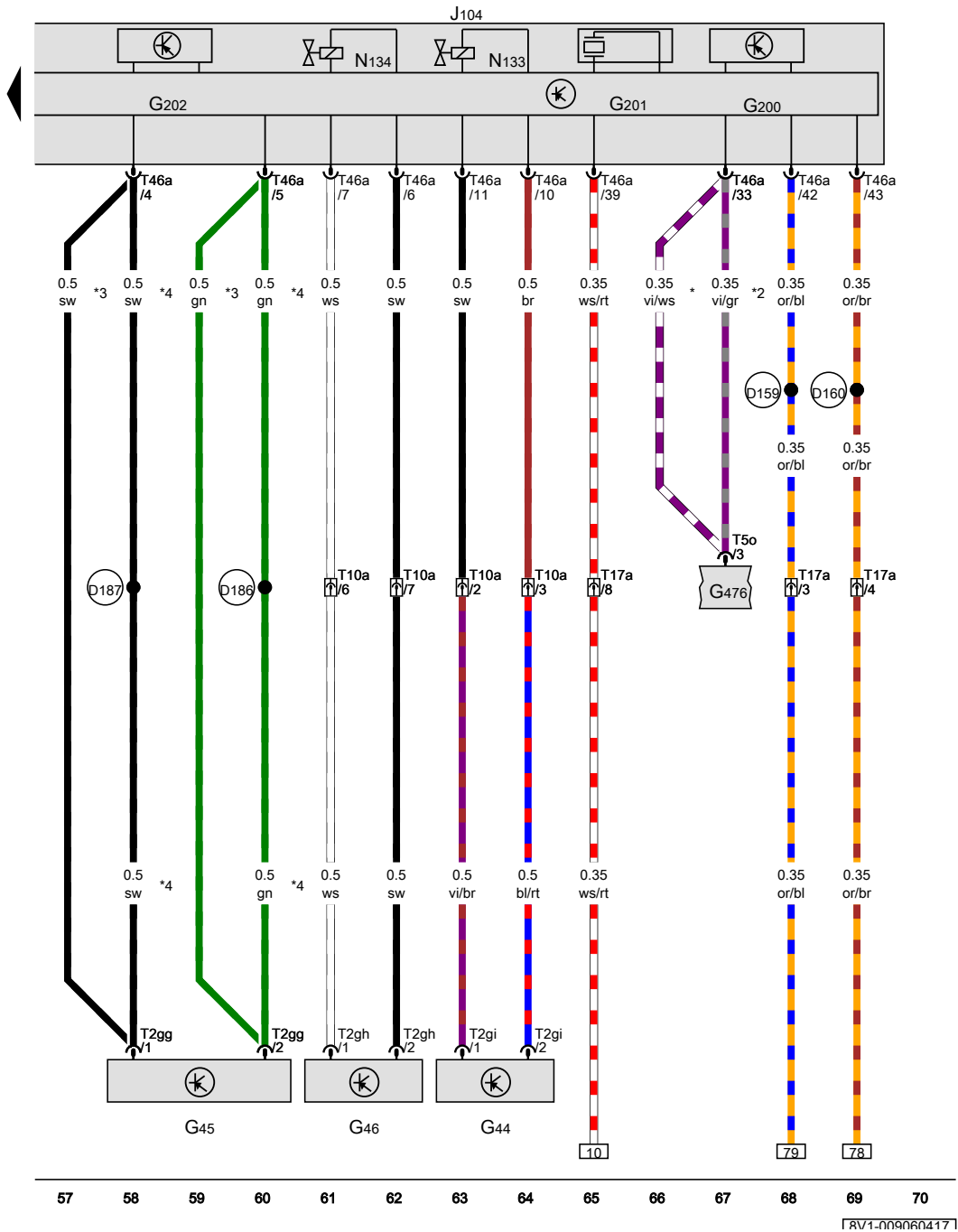
ws = white
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 bl = blue
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Front left speed sensor, Vacuum sender, ABS control unit, Rear right ABS outlet valve, ABS hydraulic pump, Left parking brake motor, Right parking brake motor

- G47 Front left speed sensor
- G251 Longitudinal acceleration sender
- G608 Vacuum sender
- J104 ABS control unit
- N135 Rear right ABS outlet valve
- N136 Rear left ABS outlet valve
- T2gd 2-pin connector
- T2ge 2-pin connector
- T2gf 2-pin connector
- T3aa 3-pin connector
- T10a 10-pin connector
- T46a 46-pin connector
- V64 ABS hydraulic pump
- V282 Left parking brake motor
- V283 Right parking brake motor
- D184 Connection (front left speed sensor +), in engine compartment wiring harness
- D185 Connection (front left speed sensor -), in engine compartment wiring harness
- * According to equipment
- *2 Only right-hand drive models
- *3 Only left-hand drive models

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

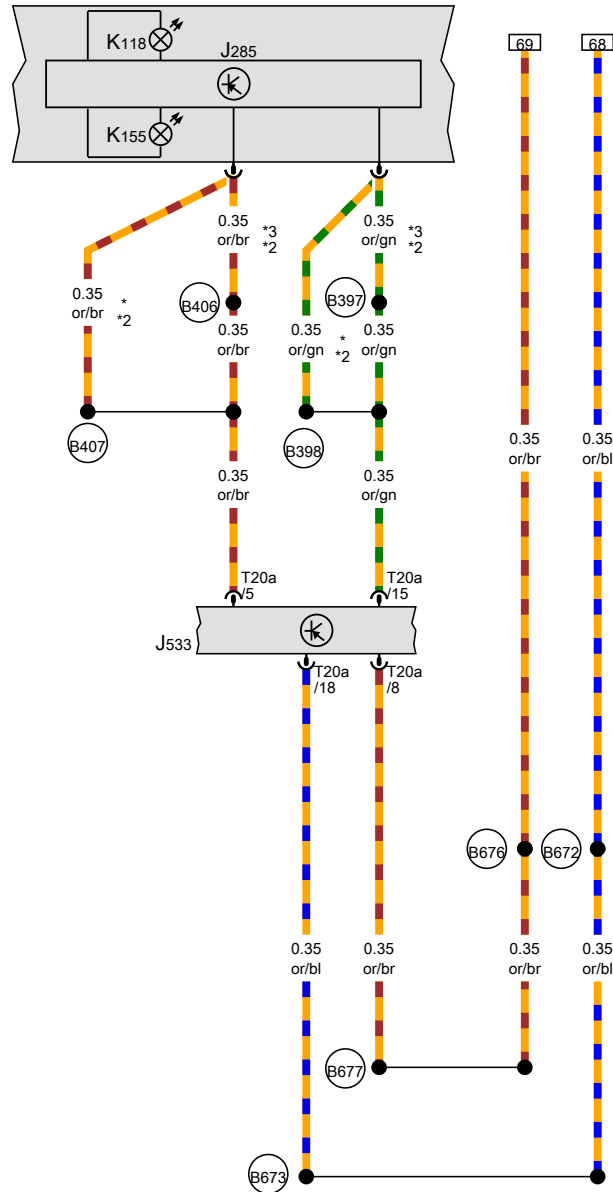


Rear right speed sensor, Front right speed sensor, Rear left speed sensor, Clutch position sender, ABS control unit

- G44 Rear right speed sensor
- G45 Front right speed sensor
- G46 Rear left speed sensor
- G200 Lateral acceleration sender
- G201 Brake pressure sender 1
- G202 Yaw rate sender
- G476 Clutch position sender
- J104 ABS control unit
- N133 Rear right ABS inlet valve
- N134 Rear left ABS inlet valve
- T2gg 2-pin connector
- T2gh 2-pin connector
- T2gi 2-pin connector
- T5o 5-pin connector
- T10a 10-pin connector
- T17a 17-pin connector
- T46a 46-pin connector

- D159 Connection (high bus), in engine compartment wiring harness
- D160 Connection (low bus), in engine compartment wiring harness
- D186 Connection (front right speed sensor +), in engine compartment wiring harness
- D187 Connection (front right speed sensor -), in engine compartment wiring harness
- * Only models with diesel engine
- *2 Only models with petrol engine
- *3 Only left-hand drive models
- *4 Only right-hand drive models

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



Control unit in dash panel insert, Data bus diagnostic interface, Brake system warning lamp, Warning lamp for electronic stabilisation program and TCS

- J285 Control unit in dash panel insert
- J533 Data bus diagnostic interface, in left footwell, near centre console
- K118 Brake system warning lamp
- K155 Warning lamp for electronic stabilisation program and TCS
- T20a 20-pin connector

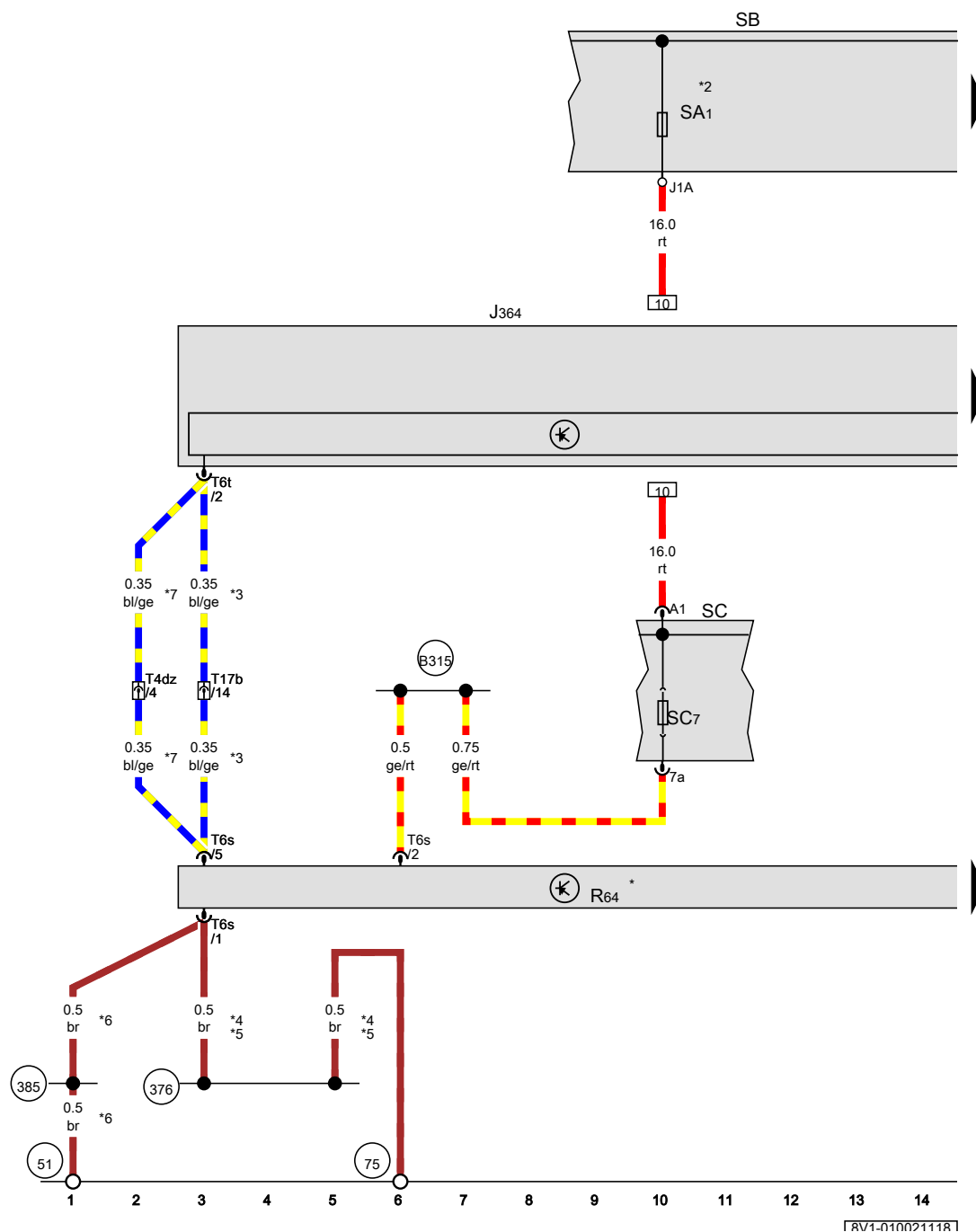
- (B397) Connection 1 (convenience CAN bus, high), in main wiring harness
- (B398) Connection 2 (convenience CAN bus, high), in main wiring harness
- (B406) Connection 1 (convenience CAN bus, low), in main wiring harness
- (B407) Connection 2 (convenience CAN bus, low), in main wiring harness
- (B672) Connection 1 (running gear/dash panel insert CAN bus, high), in main wiring harness
- (B673) Connection 2 (running gear/dash panel insert CAN bus, high), in main wiring harness
- (B676) Connection 1 (running gear/dash panel insert CAN bus, low), in main wiring harness
- (B677) Connection 2 (running gear/dash panel insert CAN bus, low), in main wiring harness

- * Only right-hand drive models
- *2 see applicable current flow diagram for dash panel insert
- *3 Only left-hand drive models

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 vi = purple
 ge = yellow
 or = orange
 rs = pink

Auxiliary heater , (9M9)

From March 2012



Auxiliary heater control unit, Remote control receiver for auxiliary heater

- J364 Auxiliary heater control unit
- R64 Remote control receiver for auxiliary heater
- SA1 Fuse 1 on fuse holder A
- SB Fuse holder B
- SC Fuse holder C
- SC7 Fuse 7 on fuse holder C
- T4dz 4-pin connector, on lower section of left A-pillar, black
- T6s 6-pin connector
- T6t 6-pin connector
- T17b 17-pin connector, on lower section of left A-pillar, brown

51 Earth point, on right in luggage compartment

75 Earth point, rear right pillar

376 Earth connection 11, in main wiring harness

385 Earth connection 20, in main wiring harness

B315 Positive connection 1 (30a) in main wiring harness

* For models with remote control receiver for auxiliary heater see applicable current flow diagram for battery in engine compartment

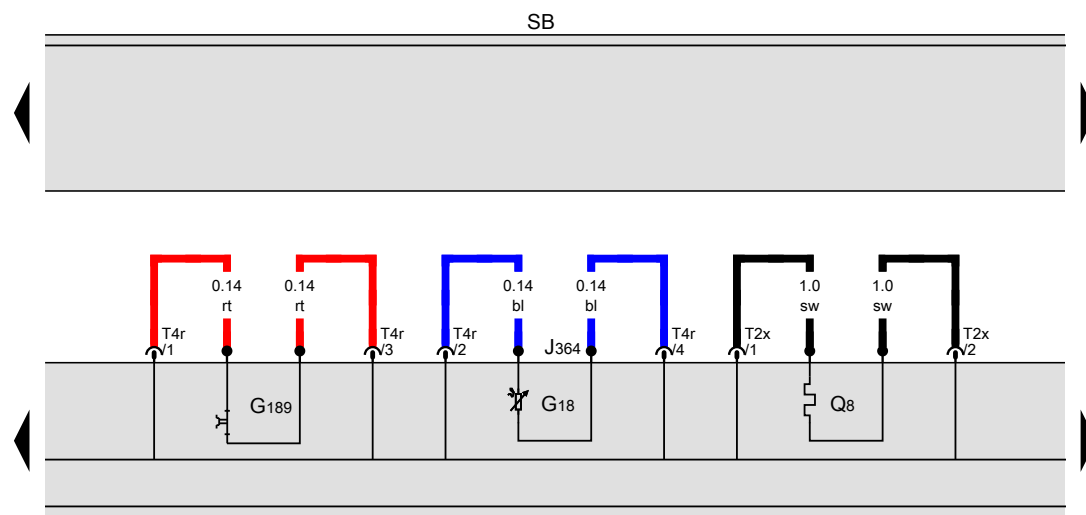
*3 Gradually discontinued

*4 For models with 3 doors

*5 For models with 5 doors

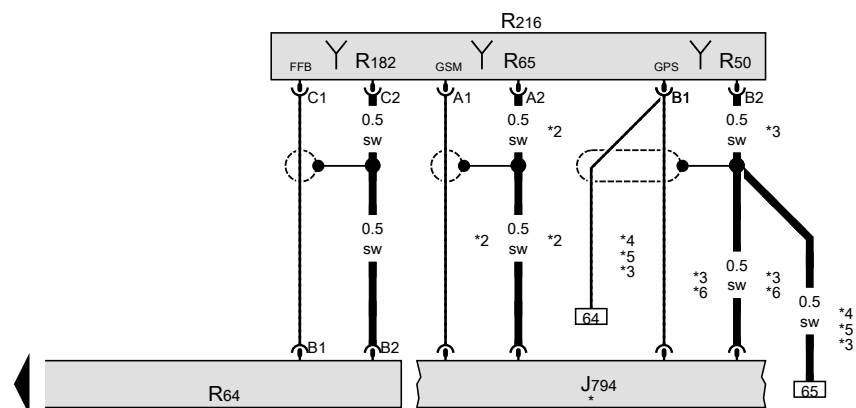
*6 For models with 4 doors

*7 gradual introduction

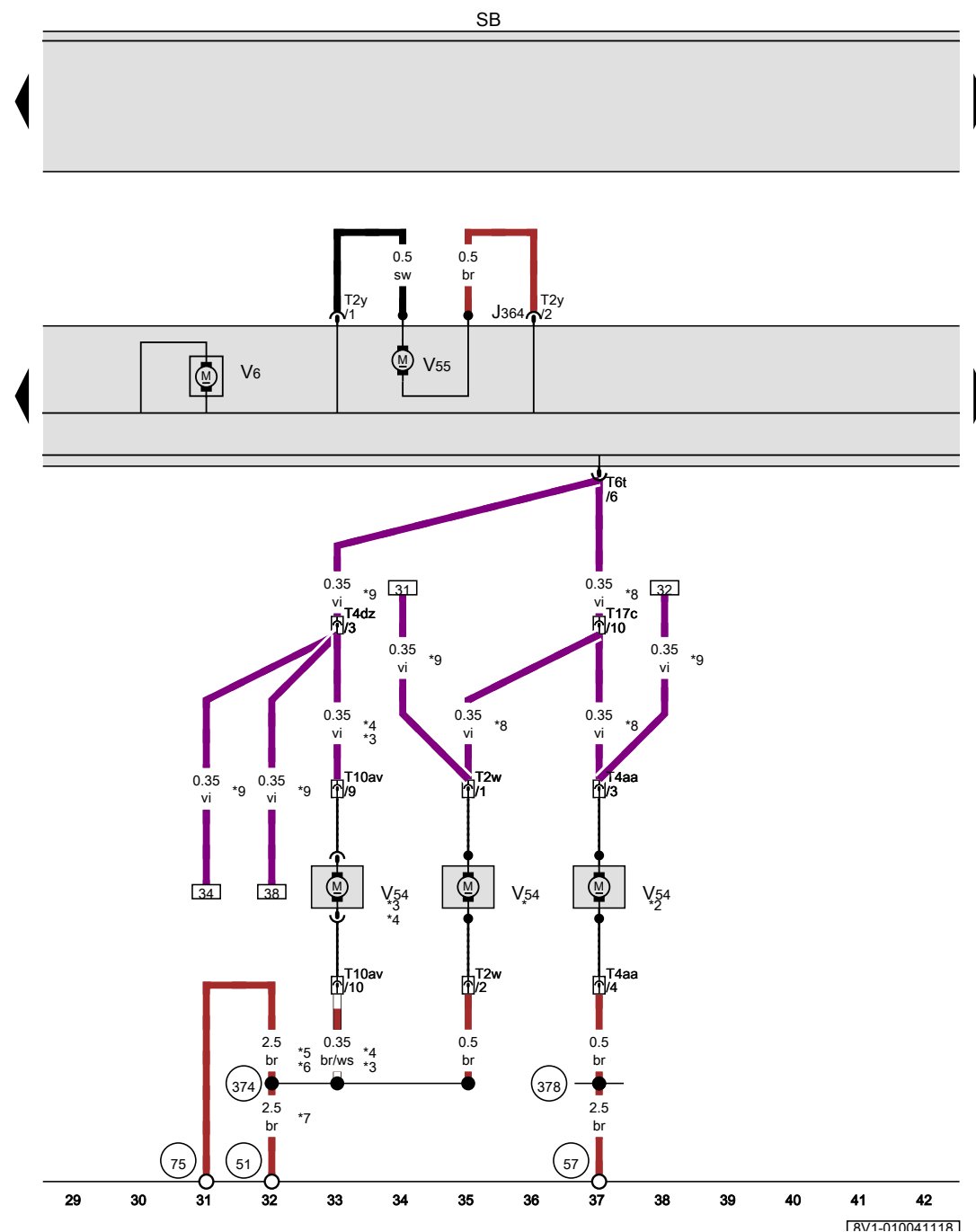


Auxiliary heater control unit, Remote control receiver for auxiliary heater, Roof aerial

- G18 Temperature sensor
- G189 Overheating sensor
- J364 Auxiliary heater control unit
- J794 Control unit 1 for information electronics
- Q8 Glow plug with flame monitor
- R50 GPS aerial
- R64 Remote control receiver for auxiliary heater
- R65 Telephone aerial
- R182 Auxiliary heater aerial
- R216 Roof aerial
- SB Fuse holder B
- T2x 2-pin connector
- T4r 4-pin connector
- * According to equipment
- *2 For models with mobile telephone
- *3 For models with navigation system
- *4 see applicable current flow diagram for high-voltage system
- *5 For models with hybrid drive system
- *6 For models with no hybrid drive system



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- sw = black
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- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



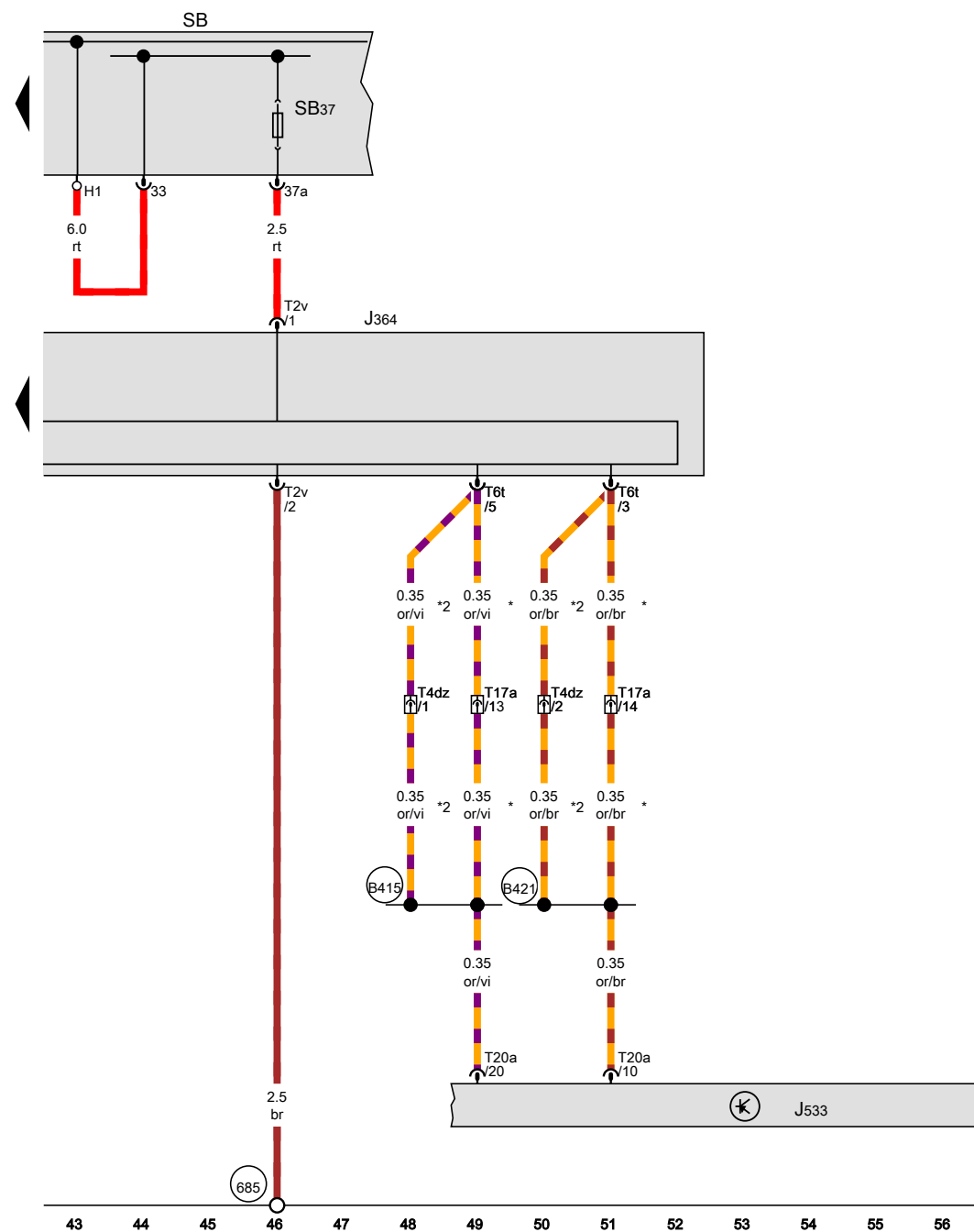
Auxiliary heater control unit, Combustion air blower, Metering pump, Circulation pump

- J364 Auxiliary heater control unit
- SB Fuse holder B
- T2w 2-pin connector, near fuel pump
- T2y 2-pin connector
- T4aa 4-pin connector
- T4dz 4-pin connector, on lower section of left A-pillar, black
- T6t 6-pin connector
- T10av 10-pin connector, in rear right interior wiring harness, near tank filler neck, black
- T17c 17-pin connector, on lower section of left A-pillar, red
- V6 Combustion air blower
- V54 Metering pump
- V55 Circulation pump

- 51 Earth point, on right in luggage compartment
- 57 Earth point, rear left pillar
- 75 Earth point, rear right pillar
- 374 Earth connection 9, in main wiring harness
- 378 Earth connection 13, in main wiring harness

- * For models with no hybrid drive system
- *2 For models with hybrid drive system
- *3 For models with natural gas engine
- *4 From November 2018
- *5 For models with 3 doors
- *6 For models with 5 doors
- *7 For models with 4 doors
- *8 Gradually discontinued
- *9 gradual introduction

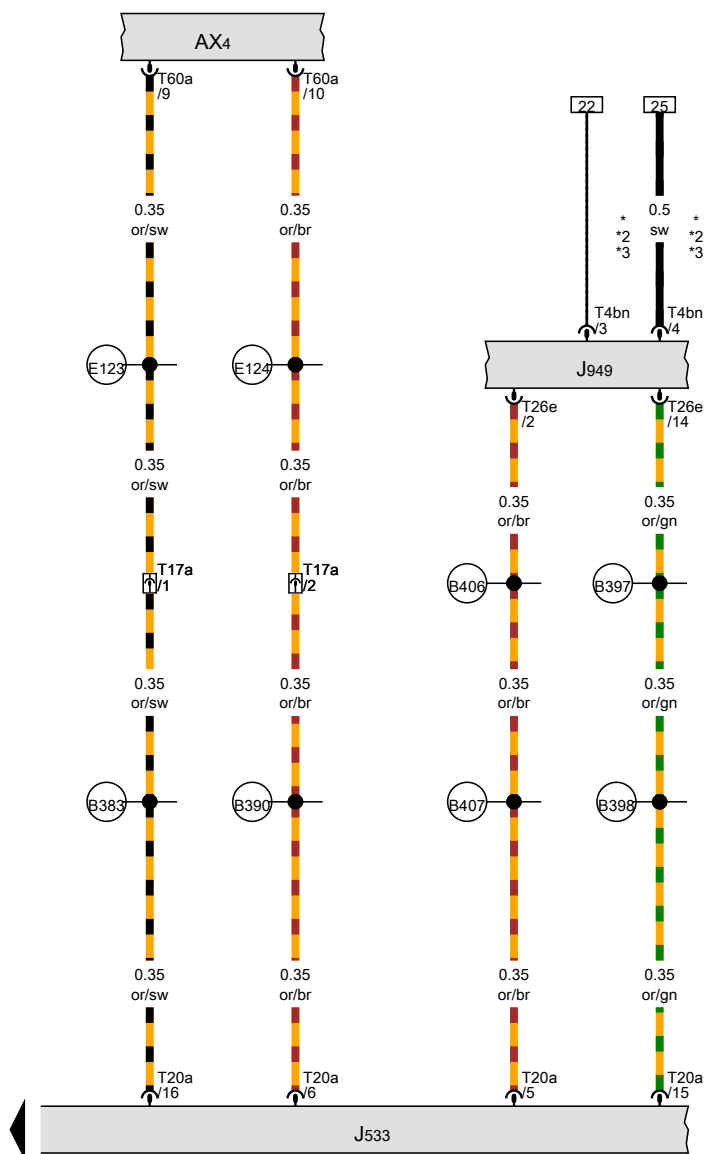
- ws = white
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- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



Auxiliary heater control unit, Data bus diagnostic interface

- J364 Auxiliary heater control unit
- J533 Data bus diagnostic interface
- SB Fuse holder B
- SB37 Fuse 37 on fuse holder B
- T2v 2-pin connector
- T4dz 4-pin connector, on lower section of left A-pillar, black
- T6t 6-pin connector
- T17a 17-pin connector
- T20a 20-pin connector

- 685 Earth point 1, on front of right longitudinal member
- B415 Connection 1 (infotainment CAN bus, high), in main wiring harness
- B421 Connection 1 (infotainment CAN bus, low), in main wiring harness
- * Up to April 2016
- *2 From May 2016



Data bus diagnostic interface

- AX4 Charging unit 1 for high-voltage battery
- J533 Data bus diagnostic interface
- J949 Emergency call module control unit and communication unit
- T4bn 4-pin connector
- T17a 17-pin connector
- T20a 20-pin connector
- T26e 26-pin connector
- T60a 60-pin connector

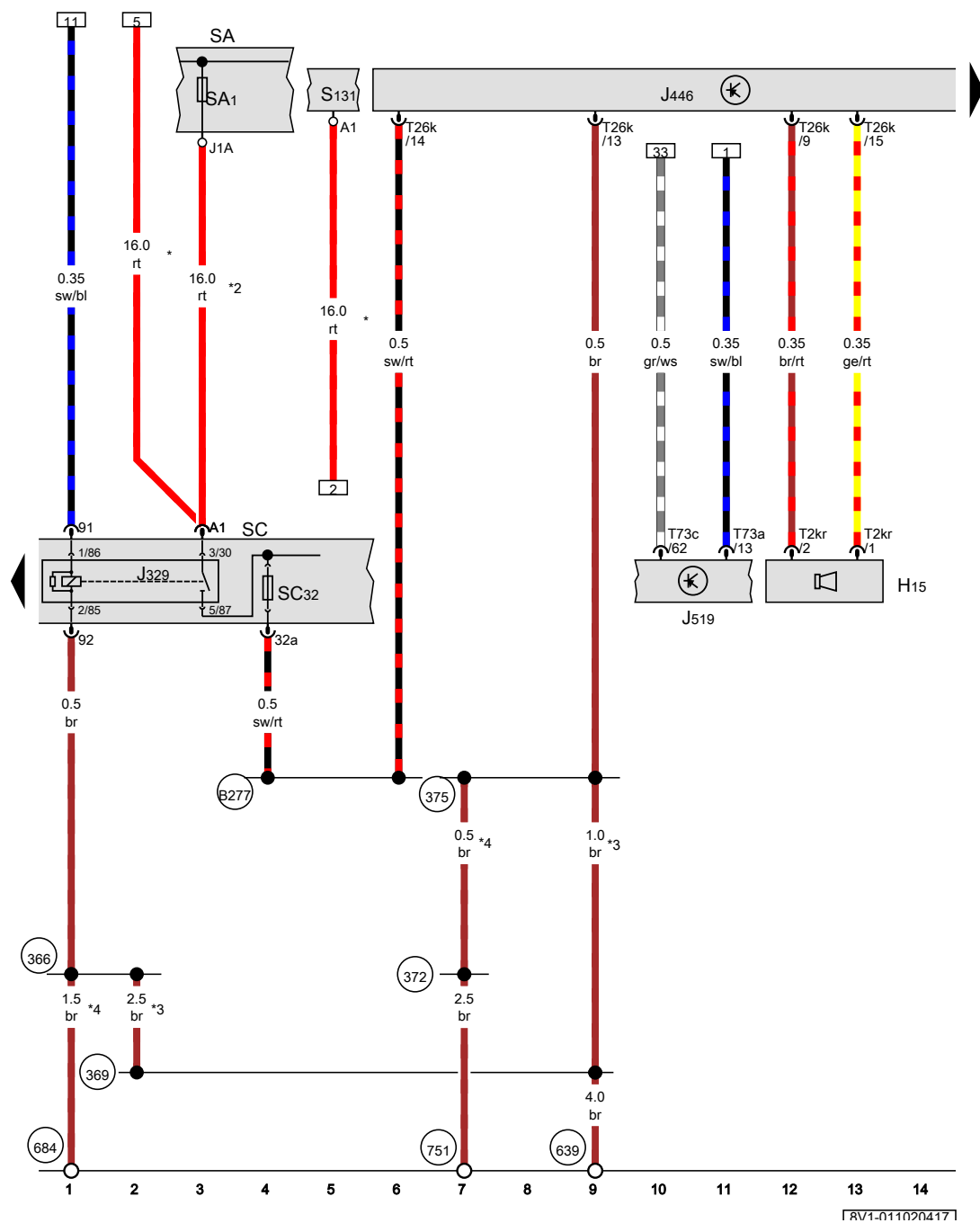
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness
- E123 Connection 1 (powertrain CAN bus, high), in engine wiring harness
- E124 Connection 1 (powertrain CAN bus, low), in engine wiring harness

- * see applicable current flow diagram for high-voltage system
- *2 For models with hybrid drive system
- *3 For models with navigation system

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- ge = yellow
- or = orange
- rs = pink

Rear parking aid (PDC) , (7X1)

From March 2012



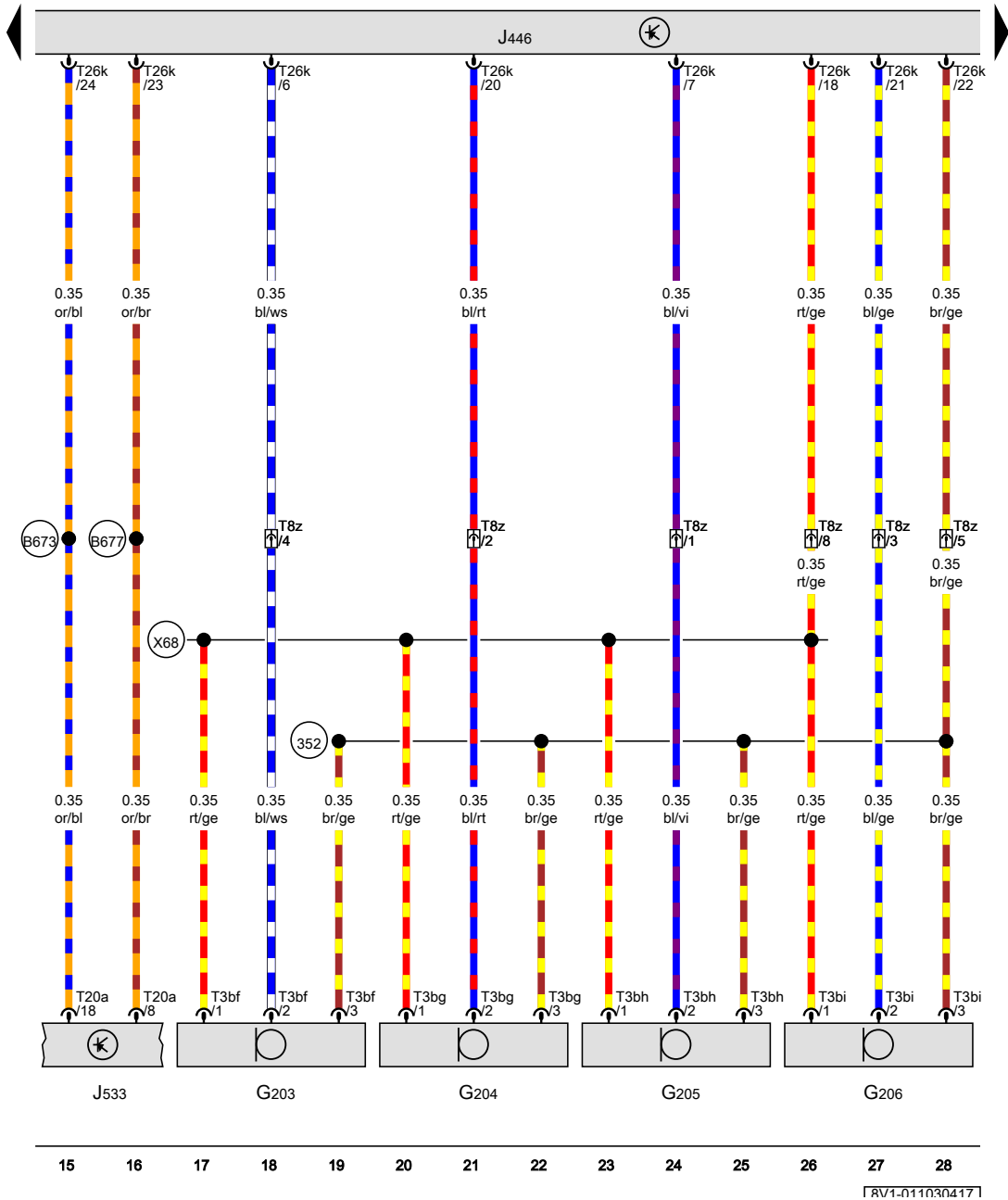
Rear parking aid warning buzzer, Terminal 15 voltage supply relay, Parking aid control unit, Onboard supply control unit, Fuse holder C

- H15 Rear parking aid warning buzzer
- J329 Terminal 15 voltage supply relay
- J446 Parking aid control unit
- J519 Onboard supply control unit
- S131 Fuse 1
- SA Fuse holder A
- SA1 Fuse 1 on fuse holder A
- SC Fuse holder C
- SC32 Fuse 32 on fuse holder C
- T2kr 2-pin connector
- T26k 26-pin connector
- T73a 73-pin connector
- T73c 73-pin connector

- 366 Earth connection 1, in main wiring harness
- 369 Earth connection 4, in main wiring harness
- 372 Earth connection 7, in main wiring harness
- 375 Earth connection 10, in main wiring harness
- 639 Earth point, left A-pillar
- 684 Earth point on front of left side member
- 751 Earth point 2, on right A-pillar
- B277 Positive connection 1 (15a) in main wiring harness

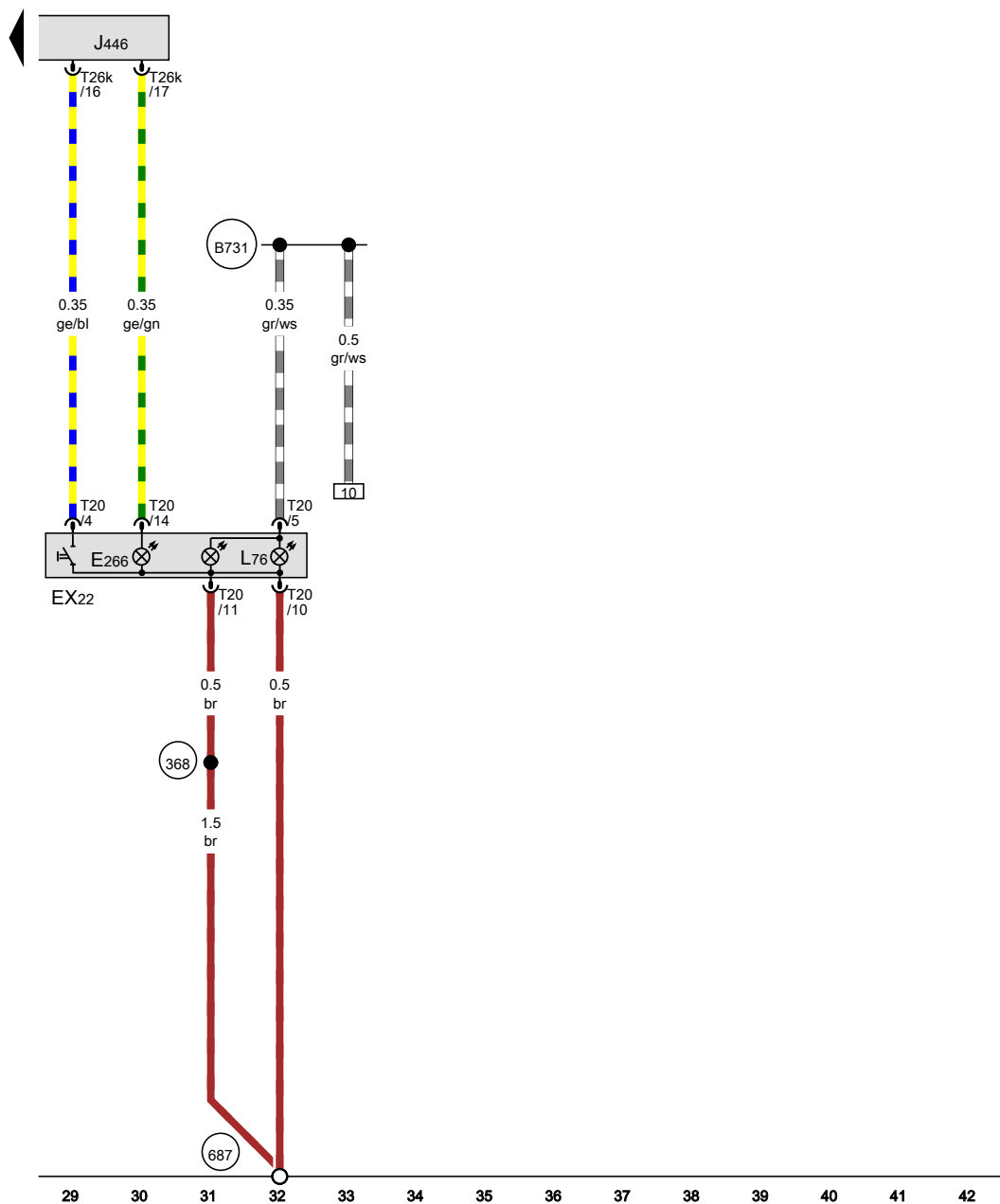
- * Only for RS 3 models
- *2 Not for RS 3 models
- *3 Only left-hand drive models
- *4 Only right-hand drive models

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



Rear left parking aid sender, Rear centre left parking aid sender, Rear centre right parking aid sender, Rear right parking aid sender, Parking aid control unit, Data bus diagnostic interface

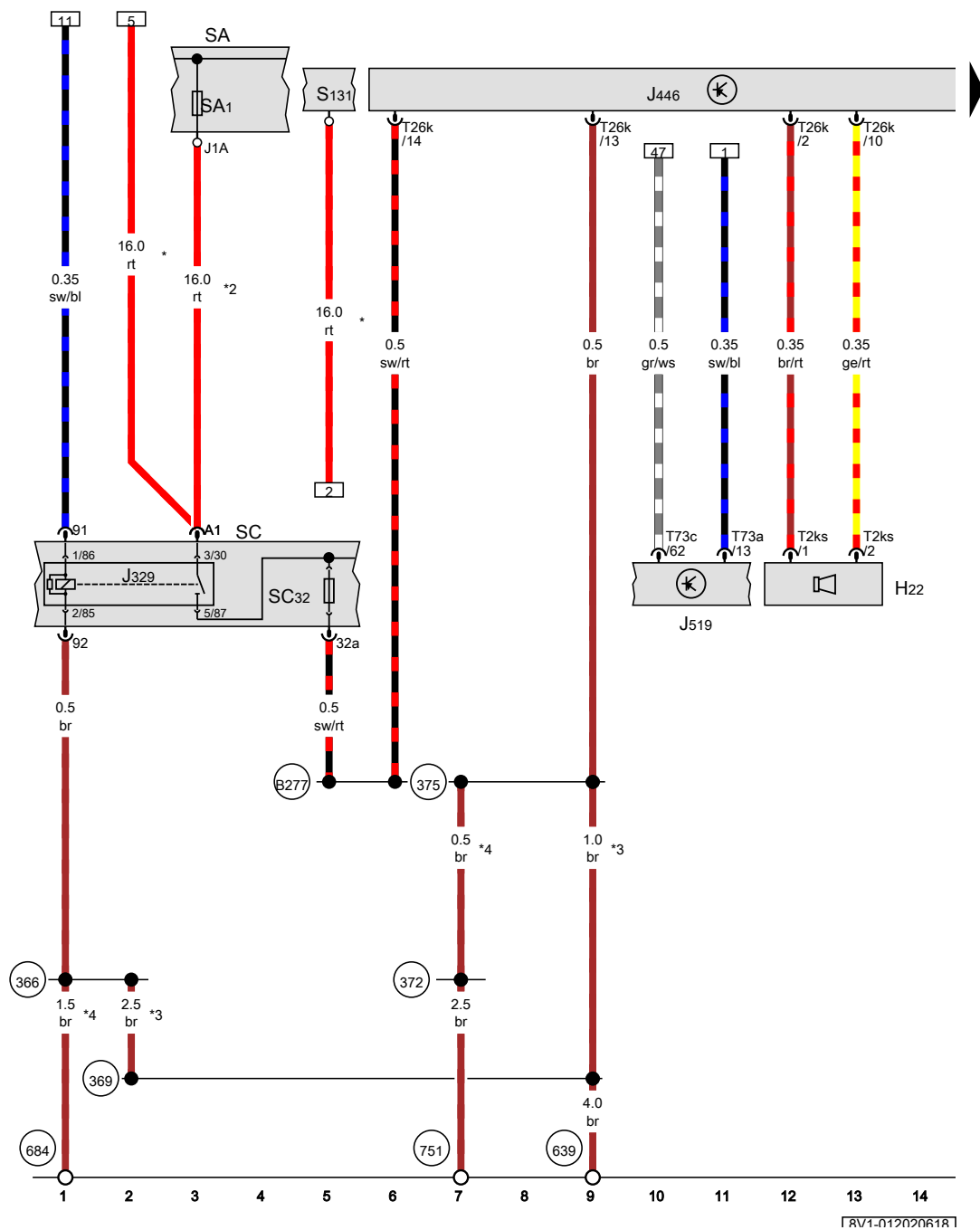
- G203 Rear left parking aid sender
- G204 Rear centre left parking aid sender
- G205 Rear centre right parking aid sender
- G206 Rear right parking aid sender
- J446 Parking aid control unit
- J533 Data bus diagnostic interface
- T3bf 3-pin connector
- T3bg 3-pin connector
- T3bh 3-pin connector
- T3bi 3-pin connector
- T8z 8-pin connector, in rear bumper
- T20a 20-pin connector
- T26k 26-pin connector
- 352 Earth connection (parking aid), in rear bumper wiring harness
- B673 Connection 2 (running gear/dash panel insert CAN bus, high), in main wiring harness
- B677 Connection 2 (running gear/dash panel insert CAN bus, low), in main wiring harness
- X68 Positive connection (parking aid), in rear bumper wiring harness



ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

Parking aid (PDC) with no park assist steering (Park Assist) , (7X2)

From March 2012



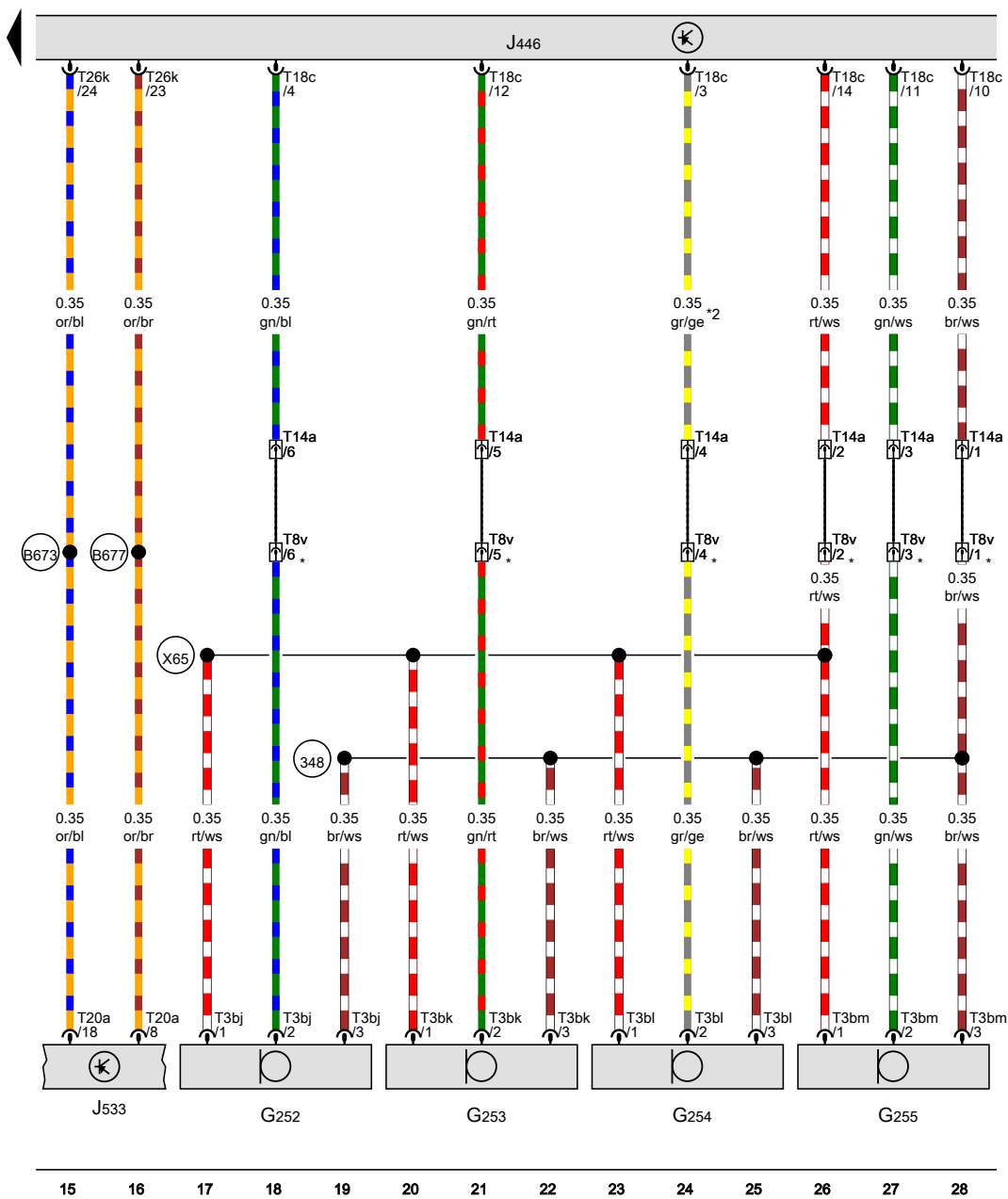
Front parking aid warning buzzer, Terminal 15 voltage supply relay, Parking aid control unit, Onboard supply control unit, Fuse holder C

- H22 Front parking aid warning buzzer
- J329 Terminal 15 voltage supply relay
- J446 Parking aid control unit
- J519 Onboard supply control unit
- S131 Fuse 1
- SA Fuse holder A
- SA1 Fuse 1 on fuse holder A
- SC Fuse holder C
- SC32 Fuse 32 on fuse holder C
- T2ks 2-pin connector
- T26k 26-pin connector
- T73a 73-pin connector
- T73c 73-pin connector

- 366 Earth connection 1, in main wiring harness
- 369 Earth connection 4, in main wiring harness
- 372 Earth connection 7, in main wiring harness
- 375 Earth connection 10, in main wiring harness
- 639 Earth point, left A-pillar
- 684 Earth point on front of left side member
- 751 Earth point 2, on right A-pillar
- B277 Positive connection 1 (15a) in main wiring harness

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

- * For RS 3 models
- *2 Not for RS 3 models
- *3 For left-hand drive models
- *4 For right-hand drive models

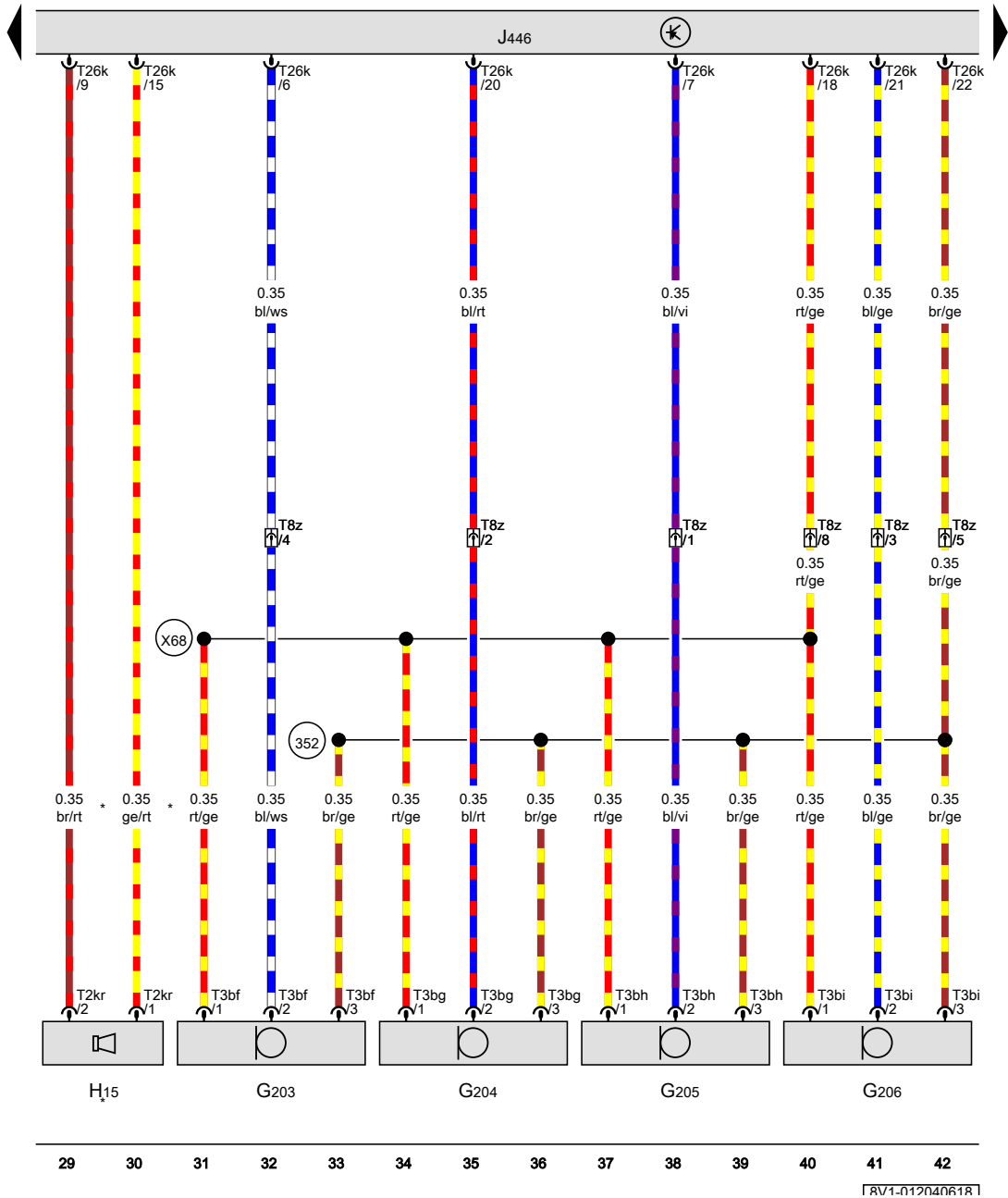


Front right parking aid sender, Front centre right parking aid sender, Front centre left parking aid sender, Front left parking aid sender, Parking aid control unit, Data bus diagnostic interface

- G252 Front right parking aid sender
- G253 Front centre right parking aid sender
- G254 Front centre left parking aid sender
- G255 Front left parking aid sender
- J446 Parking aid control unit
- J533 Data bus diagnostic interface
- T3bj 3-pin connector
- T3bk 3-pin connector
- T3bl 3-pin connector
- T3bm 3-pin connector
- T8v 8-pin connector, near front bumper
- T14a 14-pin connector, near front bumper
- T18c 18-pin connector
- T20a 20-pin connector
- T26k 26-pin connector

- 348 Earth connection (parking aid), in front bumper wiring harness
- B673 Connection 2 (running gear/dash panel insert CAN bus, high), in main wiring harness
- B677 Connection 2 (running gear/dash panel insert CAN bus, low), in main wiring harness
- X65 Connection (parking aid), in front bumper wiring harness
- * According to equipment
- *2 Wiring colour depends on equipment

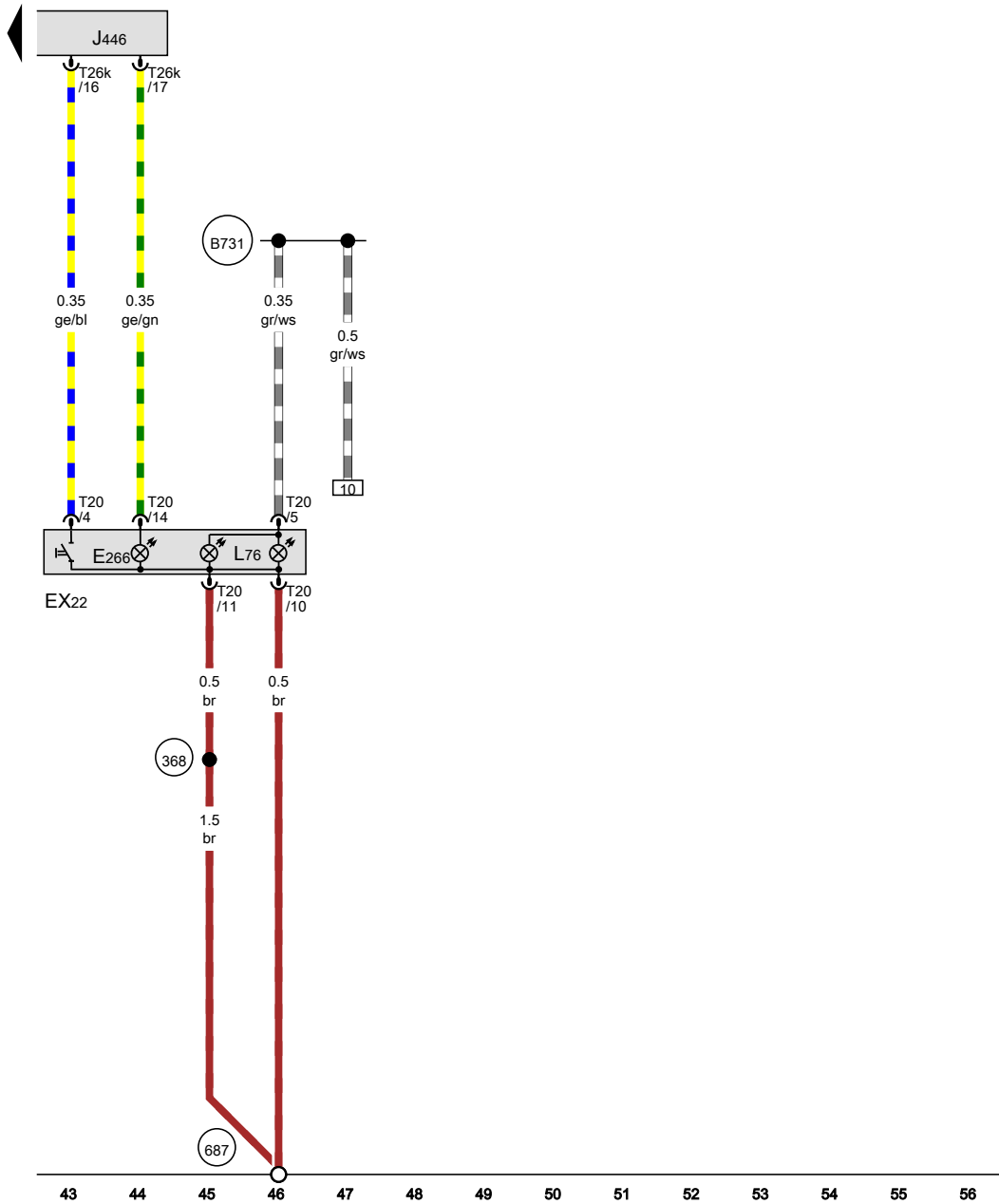
ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



Rear left parking aid sender, Rear centre left parking aid sender, Rear centre right parking aid sender, Rear right parking aid sender, Rear parking aid warning buzzer, Parking aid control unit

- G203 Rear left parking aid sender
- G204 Rear centre left parking aid sender
- G205 Rear centre right parking aid sender
- G206 Rear right parking aid sender
- H15 Rear parking aid warning buzzer
- J446 Parking aid control unit
- T2kr 2-pin connector
- T3bf 3-pin connector
- T3bg 3-pin connector
- T3bh 3-pin connector
- T3bi 3-pin connector
- T8z 8-pin connector, in rear bumper
- T26k 26-pin connector

- 352 Earth connection (parking aid), in rear bumper wiring harness
- X68 Positive connection (parking aid), in rear bumper wiring harness
- * Up to June 2018



Centre switch module in dash panel, Parking aid button, Parking aid control unit, Button illumination bulb

- EX22 Centre switch module in dash panel
- E266 Parking aid button
- J446 Parking aid control unit
- L76 Button illumination bulb
- T20 20-pin connector
- T26k 26-pin connector

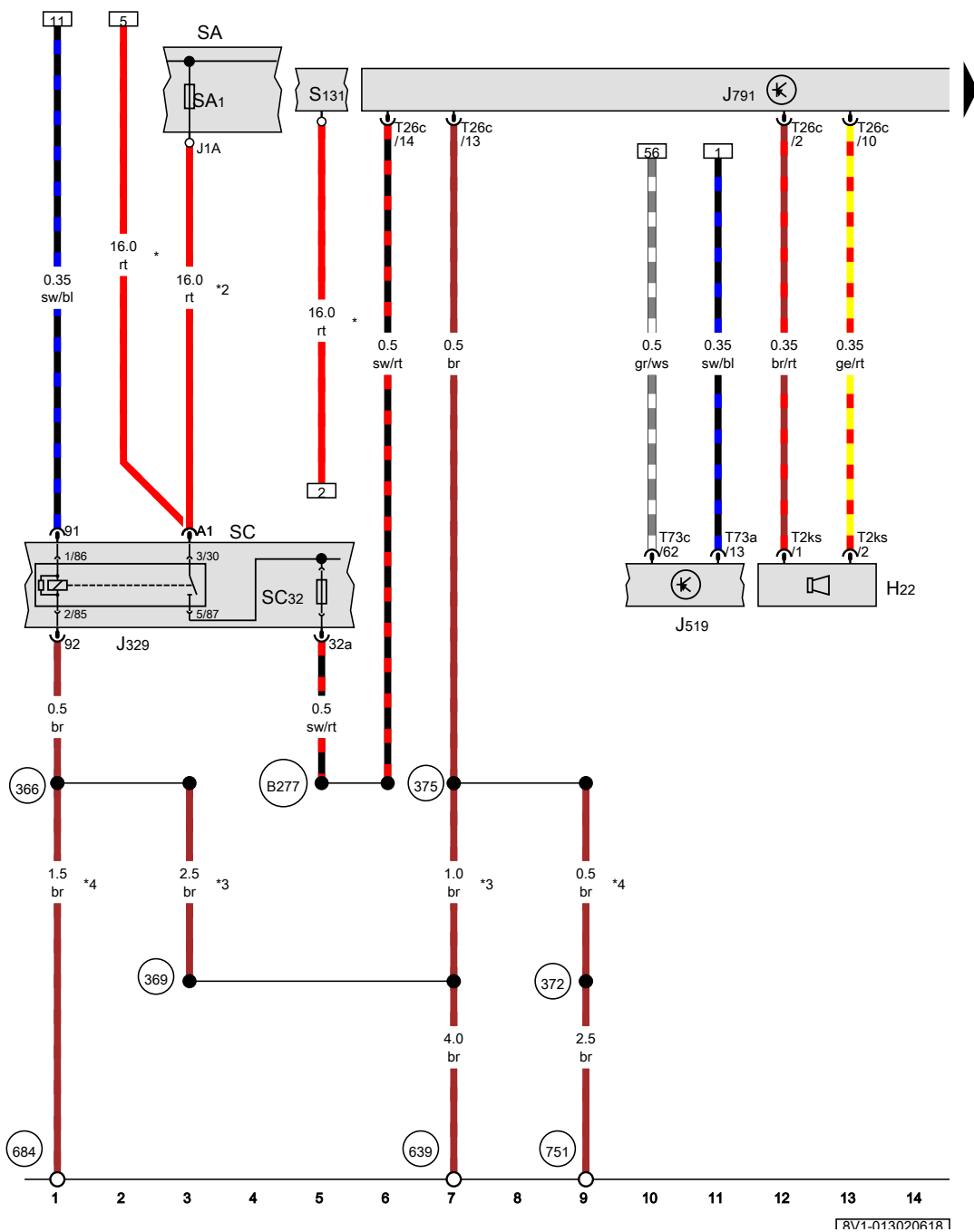
368 Earth connection 3, in main wiring harness

687 Earth point 1, on centre tunnel

B731 Connection 1 (58s), in main wiring harness

Parking aid (PDC) with park assist steering (Park Assist) , (7X5)

From March 2012



18V1-013020R1R1

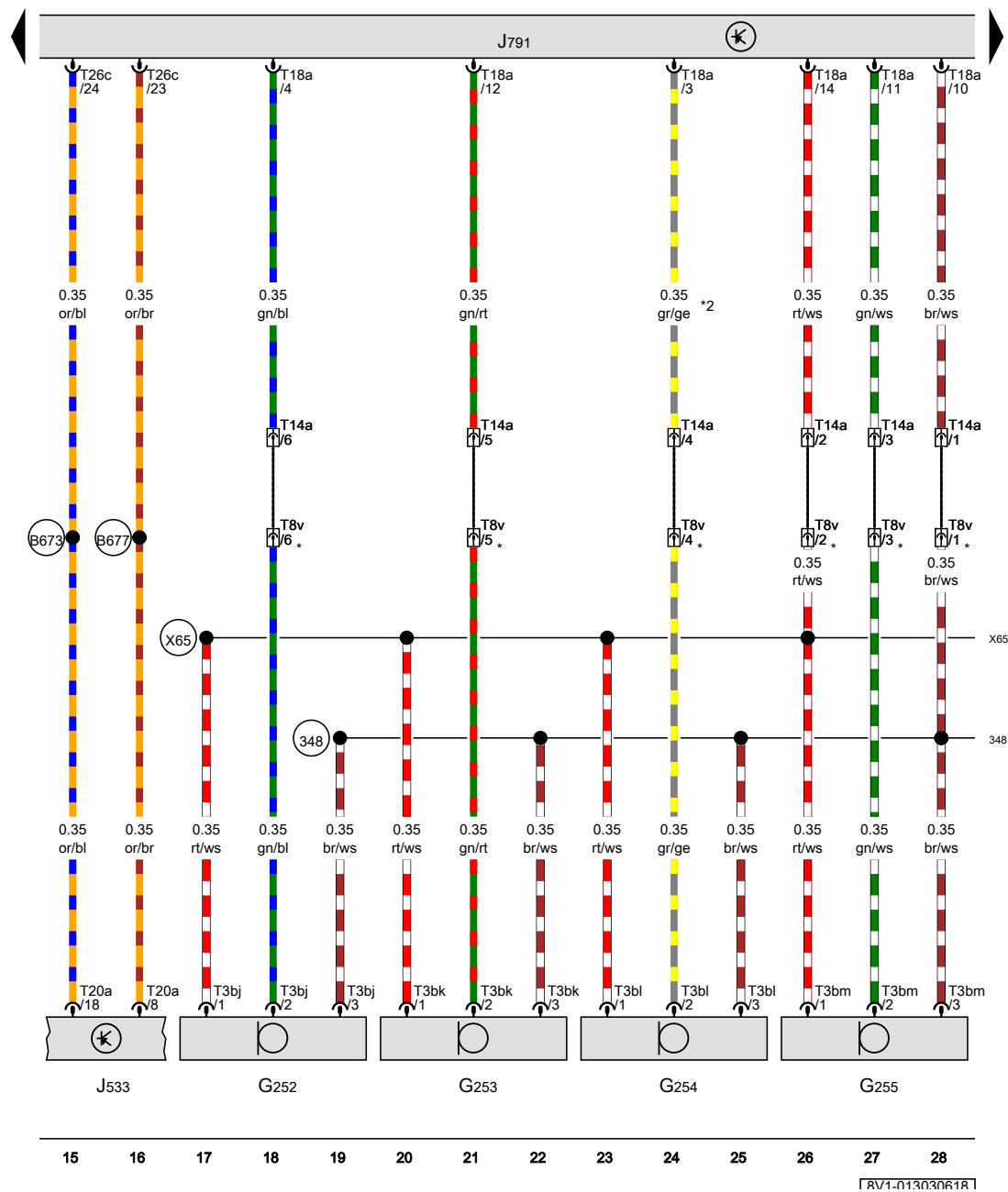
Front parking aid warning buzzer, Terminal 15 voltage supply relay, Onboard supply control unit, Park assist steering control unit, Fuse holder C

- H22 Front parking aid warning buzzer
- J329 Terminal 15 voltage supply relay
- J519 Onboard supply control unit
- J791 Park assist steering control unit
- S131 Fuse 1
- SA Fuse holder A
- SA1 Fuse 1 on fuse holder A
- SC Fuse holder C
- SC32 Fuse 32 on fuse holder C
- T2ks 2-pin connector
- T26c 26-pin connector
- T73a 73-pin connector
- T73c 73-pin connector

- 366 Earth connection 1, in main wiring harness
- 369 Earth connection 4, in main wiring harness
- 372 Earth connection 7, in main wiring harness
- 375 Earth connection 10, in main wiring harness
- 639 Earth point, left A-pillar
- 684 Earth point on front of left side member
- 751 Earth point 2, on right A-pillar
- B277 Positive connection 1 (15a) in main wiring harness

- * For RS 3 models
- *2 Not for RS 3 models
- *3 For left-hand drive models
- *4 For right-hand drive models

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- br = brown
- gn = green
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- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

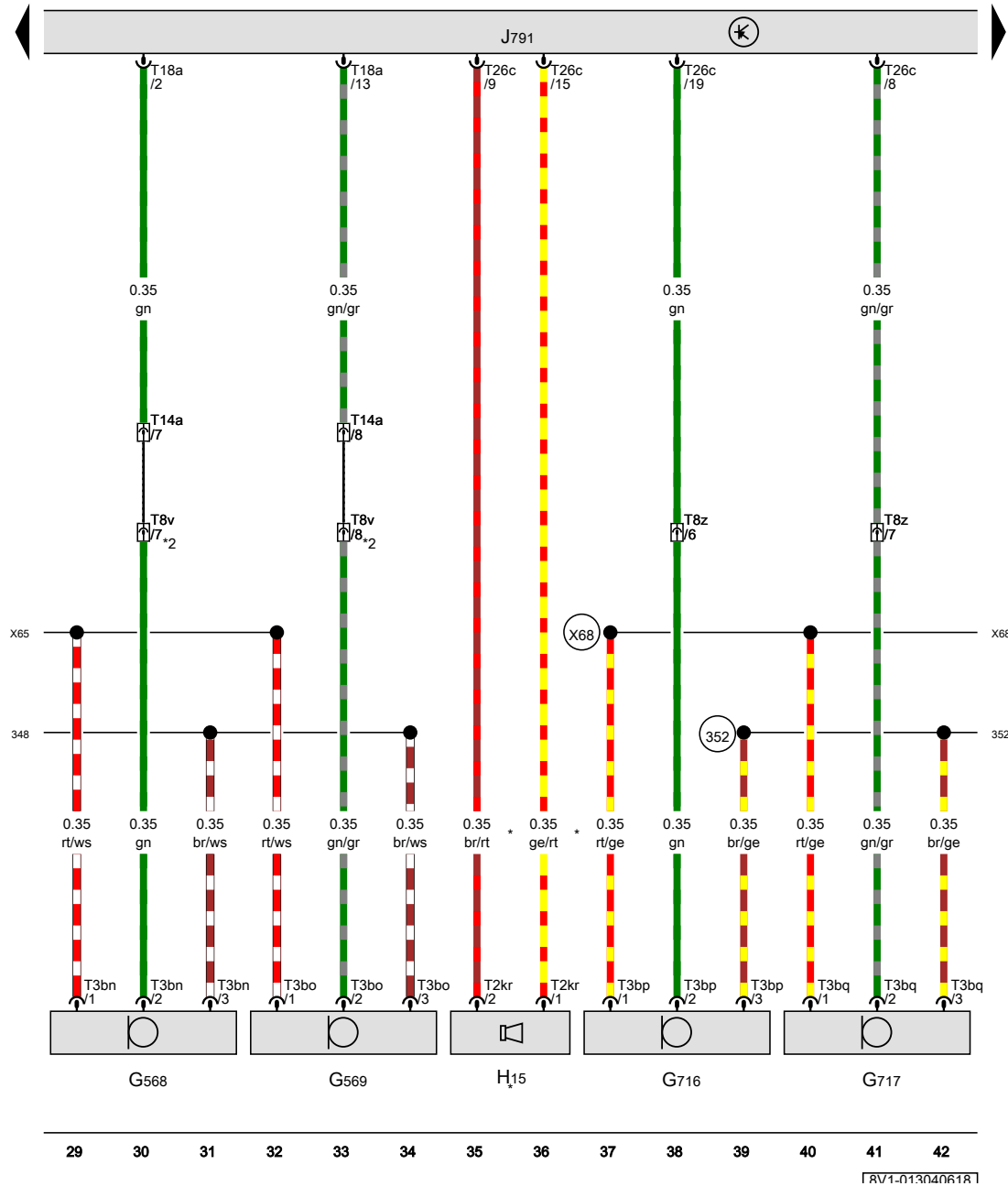


Front right parking aid sender, Front centre right parking aid sender, Front centre left parking aid sender, Front left parking aid sender, Data bus diagnostic interface, Park assist steering control unit

- G252 Front right parking aid sender
- G253 Front centre right parking aid sender
- G254 Front centre left parking aid sender
- G255 Front left parking aid sender
- J533 Data bus diagnostic interface
- J791 Park assist steering control unit
- T3bj 3-pin connector
- T3bk 3-pin connector
- T3bl 3-pin connector
- T3bm 3-pin connector
- T8v 8-pin connector, near front bumper
- T14a 14-pin connector, near front bumper
- T18a 18-pin connector
- T20a 20-pin connector
- T26c 26-pin connector

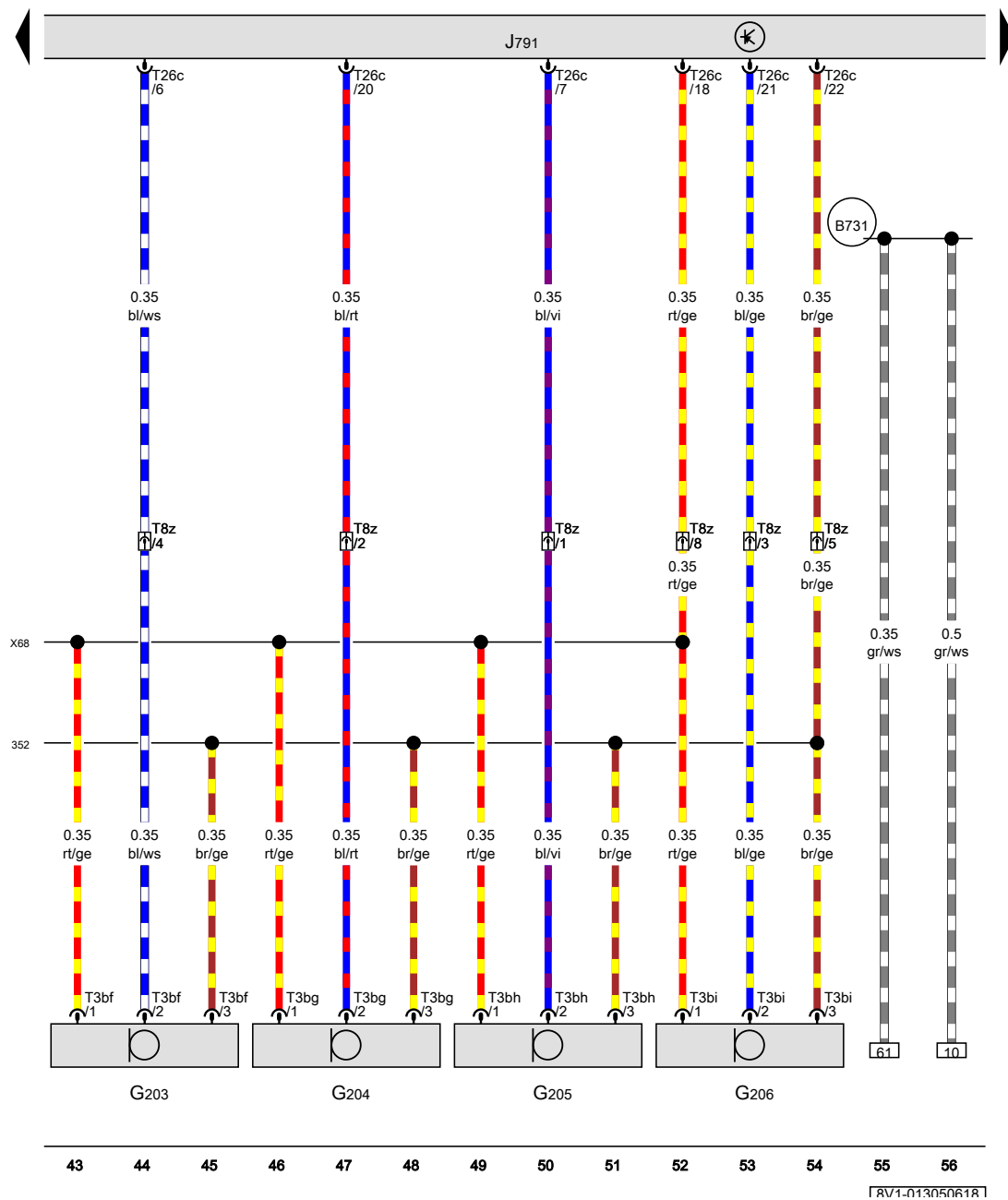
- 348 Earth connection (parking aid), in front bumper wiring harness
- B673 Connection 2 (running gear/dash panel insert CAN bus, high), in main wiring harness
- B677 Connection 2 (running gear/dash panel insert CAN bus, low), in main wiring harness
- X65 Connection (parking aid), in front bumper wiring harness
- * According to equipment
- *2 Wiring colour depends on equipment

ws = white
 sw = black
 ro = red
 rt = red
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 gn = green
 bl = blue
 gr = grey
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 vi = purple
 ge = yellow
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 rs = pink



Front left sender for park assist steering on left side of vehicle, Front right sender for park assist steering on right side of vehicle, Rear left park assist steering sender, Rear right park assist steering sender, Rear parking aid warning buzzer, Park assist steering control unit

- G568 Front left sender for park assist steering on left side of vehicle
- G569 Front right sender for park assist steering on right side of vehicle
- G716 Rear left park assist steering sender
- G717 Rear right park assist steering sender
- H15 Rear parking aid warning buzzer
- J791 Park assist steering control unit
- T2kr 2-pin connector
- T3bn 3-pin connector
- T3bo 3-pin connector
- T3bp 3-pin connector
- T3bq 3-pin connector
- T8v 8-pin connector, near front bumper
- T8z 8-pin connector, in rear bumper
- T14a 14-pin connector, near front bumper
- T18a 18-pin connector
- T26c 26-pin connector
- 348 Earth connection (parking aid), in front bumper wiring harness
- 352 Earth connection (parking aid), in rear bumper wiring harness
- X65 Connection (parking aid), in front bumper wiring harness
- X68 Positive connection (parking aid), in rear bumper wiring harness
- * Up to June 2018
- *2 According to equipment

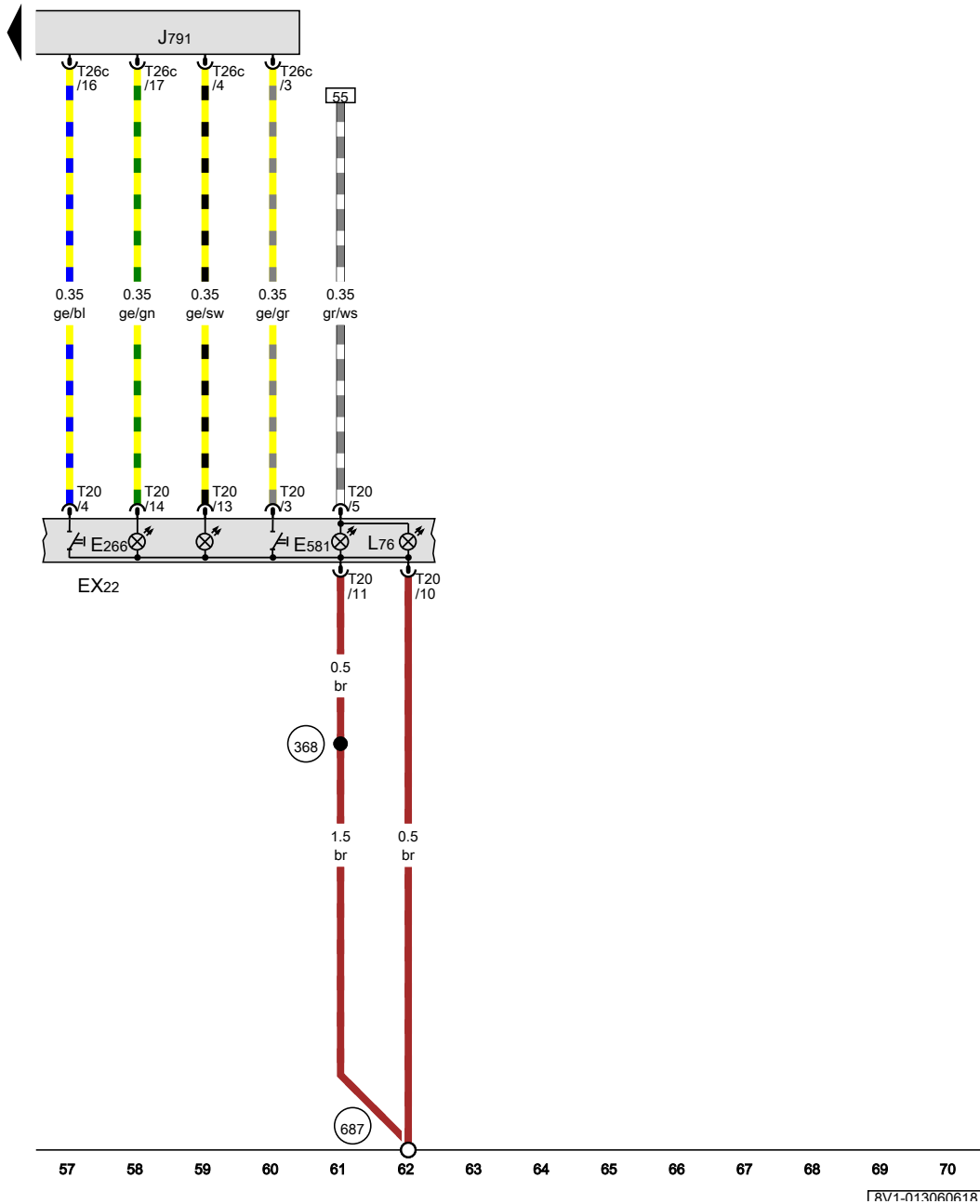


Rear left parking aid sender, Rear centre left parking aid sender, Rear centre right parking aid sender, Rear right parking aid sender, Park assist steering control unit

- G203 Rear left parking aid sender
- G204 Rear centre left parking aid sender
- G205 Rear centre right parking aid sender
- G206 Rear right parking aid sender
- J791 Park assist steering control unit
- T3bf 3-pin connector
- T3bg 3-pin connector
- T3bh 3-pin connector
- T3bi 3-pin connector
- T8z 8-pin connector, in rear bumper
- T26c 26-pin connector

- 352 Earth connection (parking aid), in rear bumper wiring harness
- B731 Connection 1 (58s), in main wiring harness
- X68 Positive connection (parking aid), in rear bumper wiring harness

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Centre switch module in dash panel, Parking aid button, Park assist steering button, Park assist steering control unit, Button illumination bulb

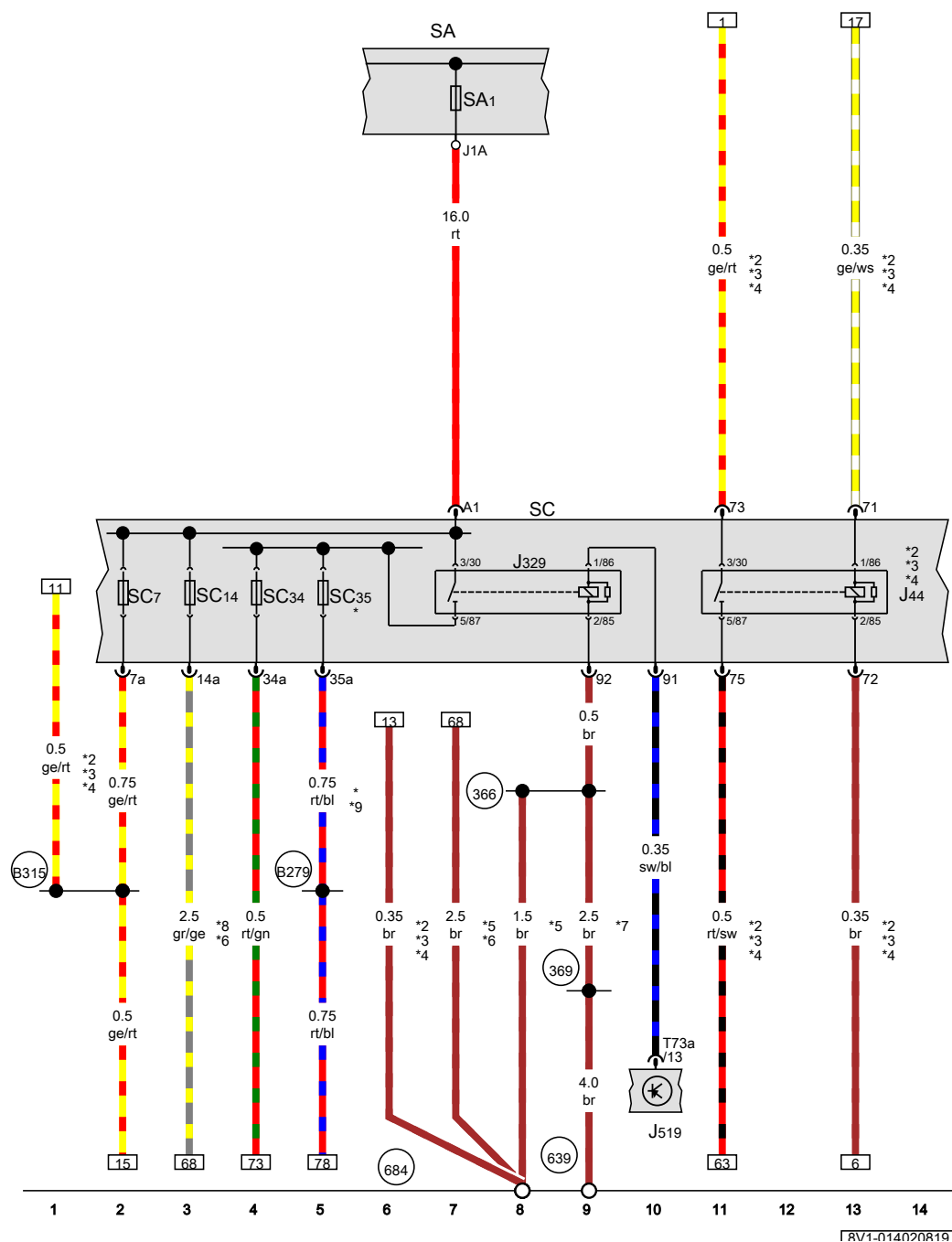
- EX22 Centre switch module in dash panel
- E266 Parking aid button
- E581 Park assist steering button
- J791 Park assist steering control unit
- L76 Button illumination bulb
- T20 20-pin connector
- T26c 26-pin connector

- 368 Earth connection 3, in main wiring harness
- 687 Earth point 1, on centre tunnel

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Automatic air conditioning system , (9AK)

From March 2012



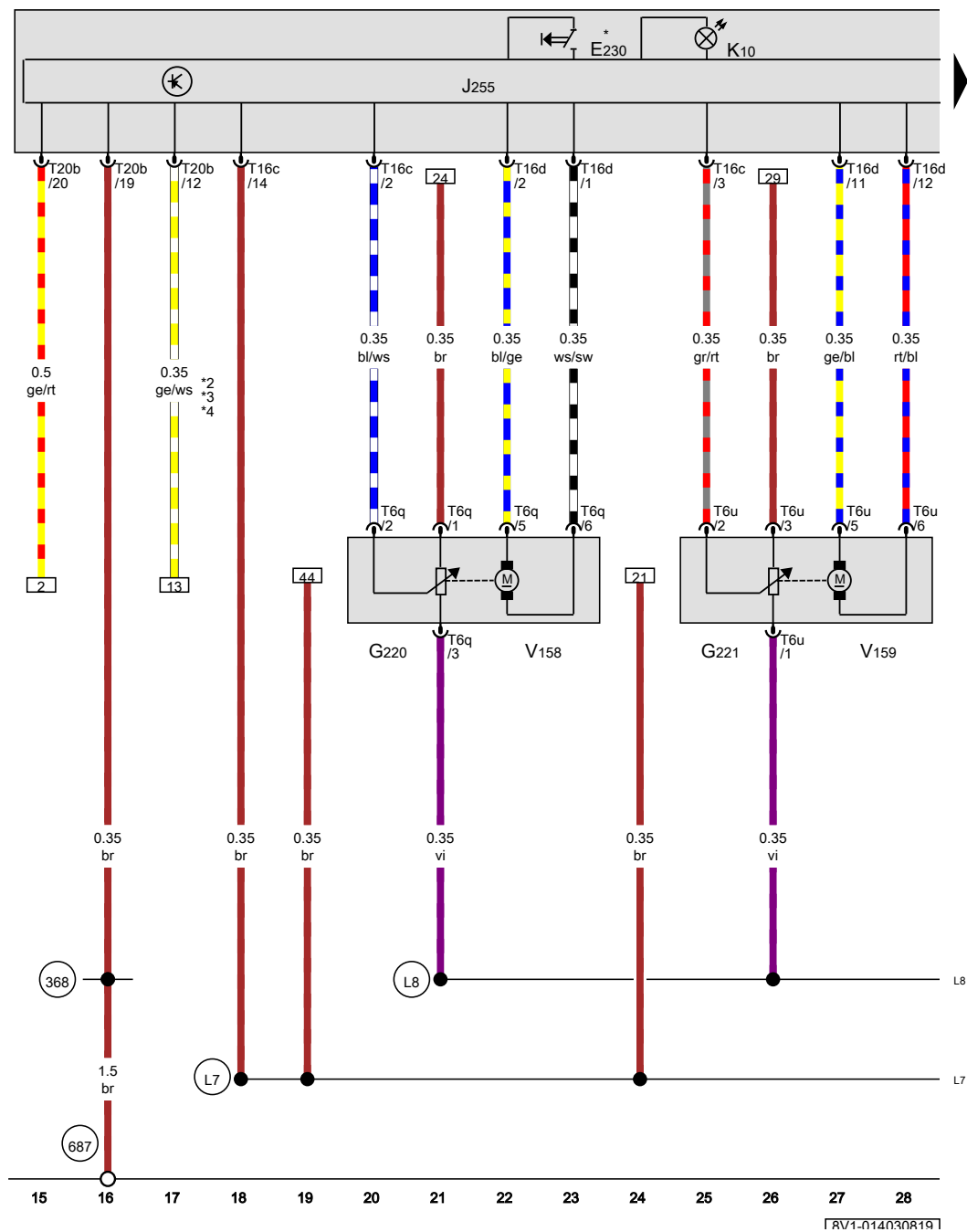
Magnetic clutch relay, Terminal 15 voltage supply relay, Fuse 1 on fuse holder A, Fuse holder C

- J44 Magnetic clutch relay
- J329 Terminal 15 voltage supply relay
- J519 Onboard supply control unit
- SA Fuse holder A
- SA1 Fuse 1 on fuse holder A
- SC Fuse holder C
- SC7 Fuse 7 on fuse holder C
- SC14 Fuse 14 on fuse holder C
- SC34 Fuse 34 on fuse holder C
- SC35 Fuse 35 on fuse holder C
- T73a 73-pin connector

- 366 Earth connection 1, in main wiring harness
- 369 Earth connection 4, in main wiring harness
- 639 Earth point, left A-pillar
- 684 Earth point on front of left side member
- B279 Positive connection 3 (15a) in main wiring harness
- B315 Positive connection 1 (30a) in main wiring harness

- * Fuse rating depends on equipment, see fitting locations
- *2 For emission standard Euro 6 DG
- *3 For models with 1.5l petrol engine
- *4 For models with 1.0l petrol engine
- *5 For right-hand drive models
- *6 Cross-section 4.0 possible
- *7 For left-hand drive models
- *8 Different wire colour possible
- *9 Cross section depends on equipment

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- bl = blue
- gr = grey
- li = purple
- vi = purple
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- or = orange
- rs = pink

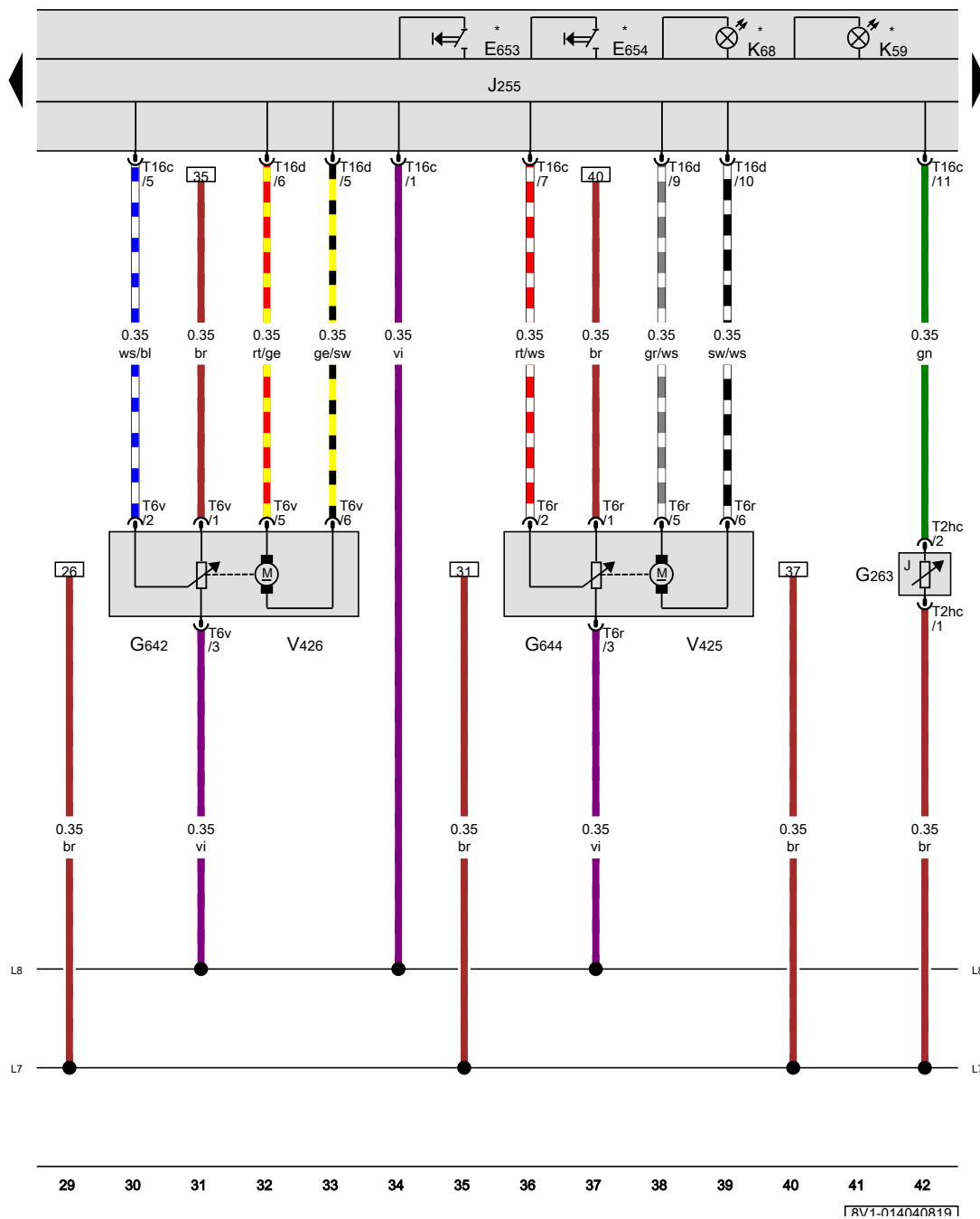


Potentiometer for left temperature flap control motor,
 Potentiometer for right temperature flap control motor,
 Climatronic control unit, Left temperature flap control motor,
 Right temperature flap control motor

- E230 Heated rear window button
- G220 Potentiometer for left temperature flap control motor
- G221 Potentiometer for right temperature flap control motor
- J255 Climatronic control unit
- K10 Heated rear window warning lamp
- T6q 6-pin connector
- T6u 6-pin connector
- T16c 16-pin connector
- T16d 16-pin connector
- T20b 20-pin connector
- V158 Left temperature flap control motor
- V159 Right temperature flap control motor

- 368 Earth connection 3, in main wiring harness
- 687 Earth point 1, on centre tunnel
- L7 Connection 3, in evaporator housing unit wiring harness
- L8 Connection 4, in evaporator housing unit wiring harness

- * Controls for heated rear window via CAN bus
- *2 For emission standard Euro 6 DG
- *3 For models with 1.5l petrol engine
- *4 For models with 1.0l petrol engine



Evaporator output temperature sender, Potentiometer for front air distribution flap control motor, Potentiometer for fresh air/air recirculation, air flow flap control motor, Climatronic control unit, Fresh air/air recirculation, air flow flap control motor, Front air distribution flap control motor

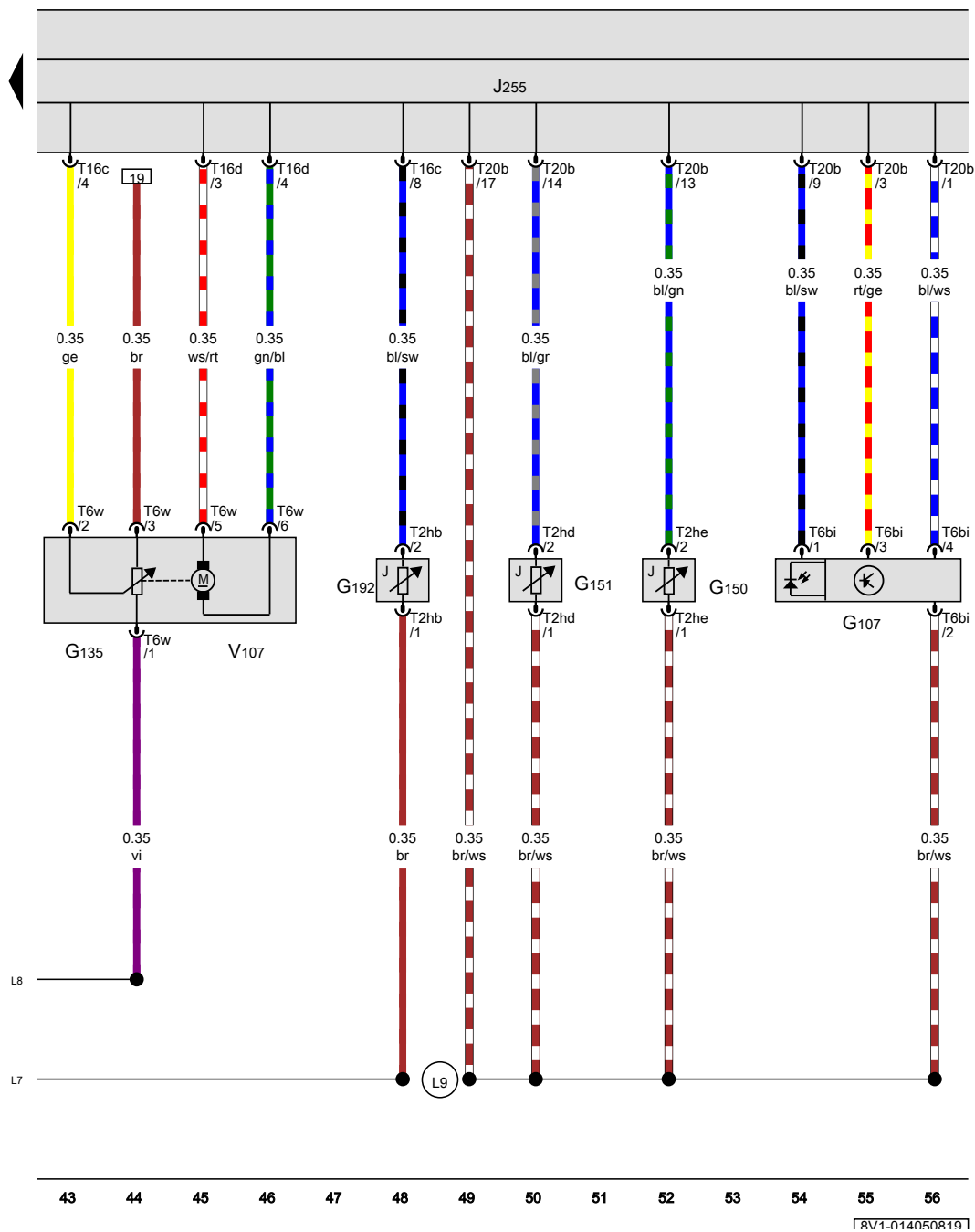
- E653 Button for left seat heating
- E654 Button for right seat heating
- G263 Evaporator output temperature sender
- G642 Potentiometer for front air distribution flap control motor
- G644 Potentiometer for fresh air/air recirculation, air flow flap control motor
- J255 Climatronic control unit
- K59 Heated driver seat warning lamp
- K68 Heated front passenger seat warning lamp
- T2hc 2-pin connector
- T6r 6-pin connector
- T6v 6-pin connector
- T16c 16-pin connector
- T16d 16-pin connector
- V425 Fresh air/air recirculation, air flow flap control motor
- V426 Front air distribution flap control motor

L7 Connection 3, in evaporator housing unit wiring harness

L8 Connection 4, in evaporator housing unit wiring harness

* see applicable current flow diagram for seat heating

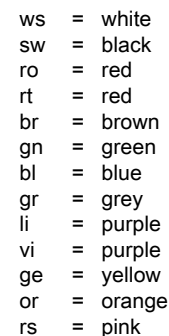
- ws = white
- sw = black
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Sunlight penetration photosensor, Potentiometer for defroster flap control motor, Left vent temperature sender, Right vent temperature sender, Footwell vent temperature sender, Climatronic control unit, Defroster flap control motor

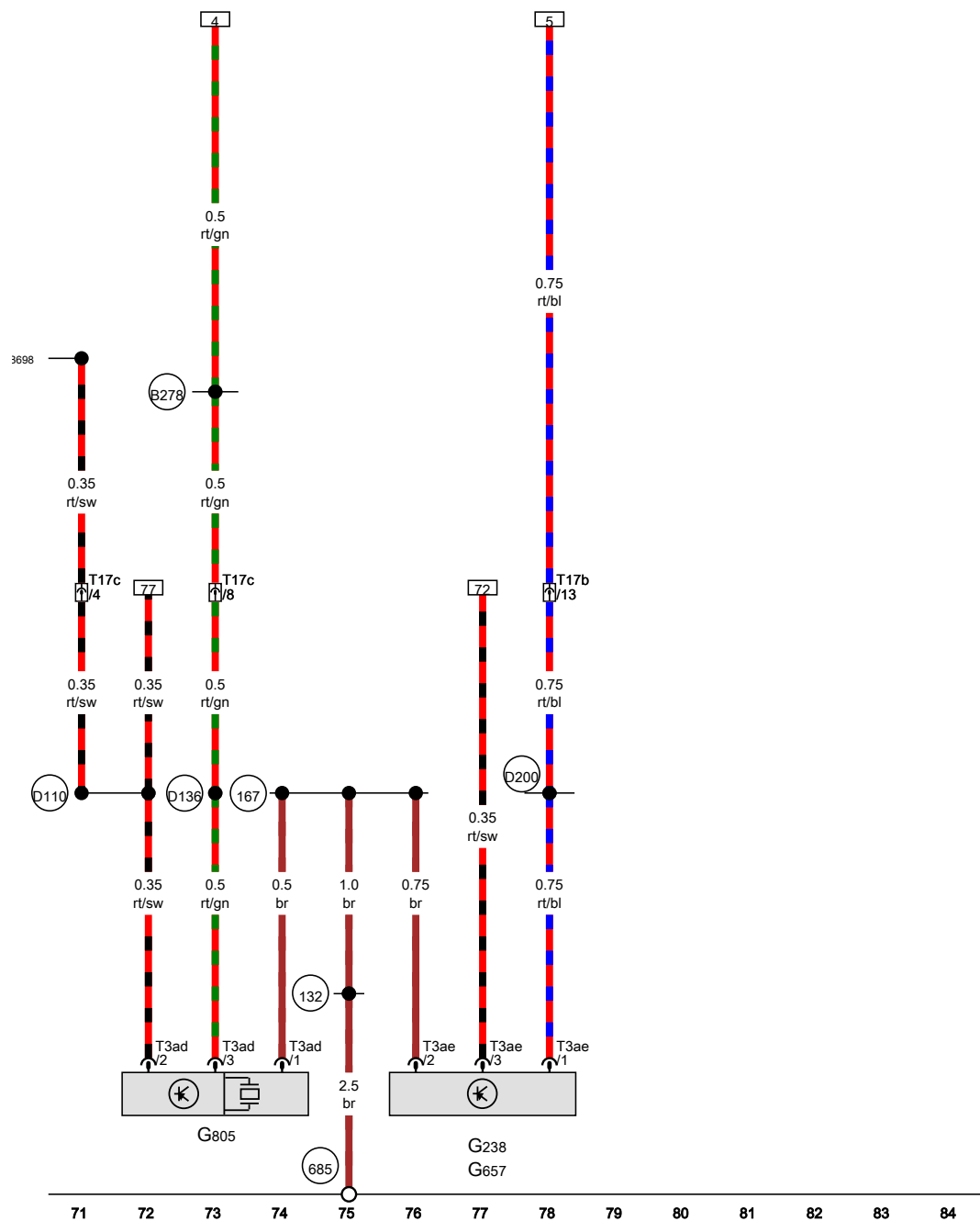
- G107 Sunlight penetration photosensor
- G135 Potentiometer for defroster flap control motor
- G150 Left vent temperature sender
- G151 Right vent temperature sender
- G192 Footwell vent temperature sender
- J255 Climatronic control unit
- T2hb 2-pin connector
- T2hd 2-pin connector
- T2he 2-pin connector
- T6bi 6-pin connector
- T6w 6-pin connector
- T16c 16-pin connector
- T16d 16-pin connector
- T20b 20-pin connector
- V107 Defroster flap control motor

- L7 Connection 3, in evaporator housing unit wiring harness
- L8 Connection 4, in evaporator housing unit wiring harness
- L9 Connection 1, in air conditioning system wiring harness



- 201 Earth connection 5, in engine compartment wiring harness
- 671 Earth point 1, on front of left longitudinal member
- 751 Earth point 2, on right A-pillar
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness
- B698 Connection 3 (LIN bus) in main wiring harness

- * According to equipment
- *2 For emission standard Euro 6 DG
- *3 For models with 1.5l petrol engine
- *4 For models with 1.0l petrol engine
- *5 For right-hand drive models
- *6 Cross-section 4.0 possible
- *7 For left-hand drive models
- *8 Different wire colour possible



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 ro = red
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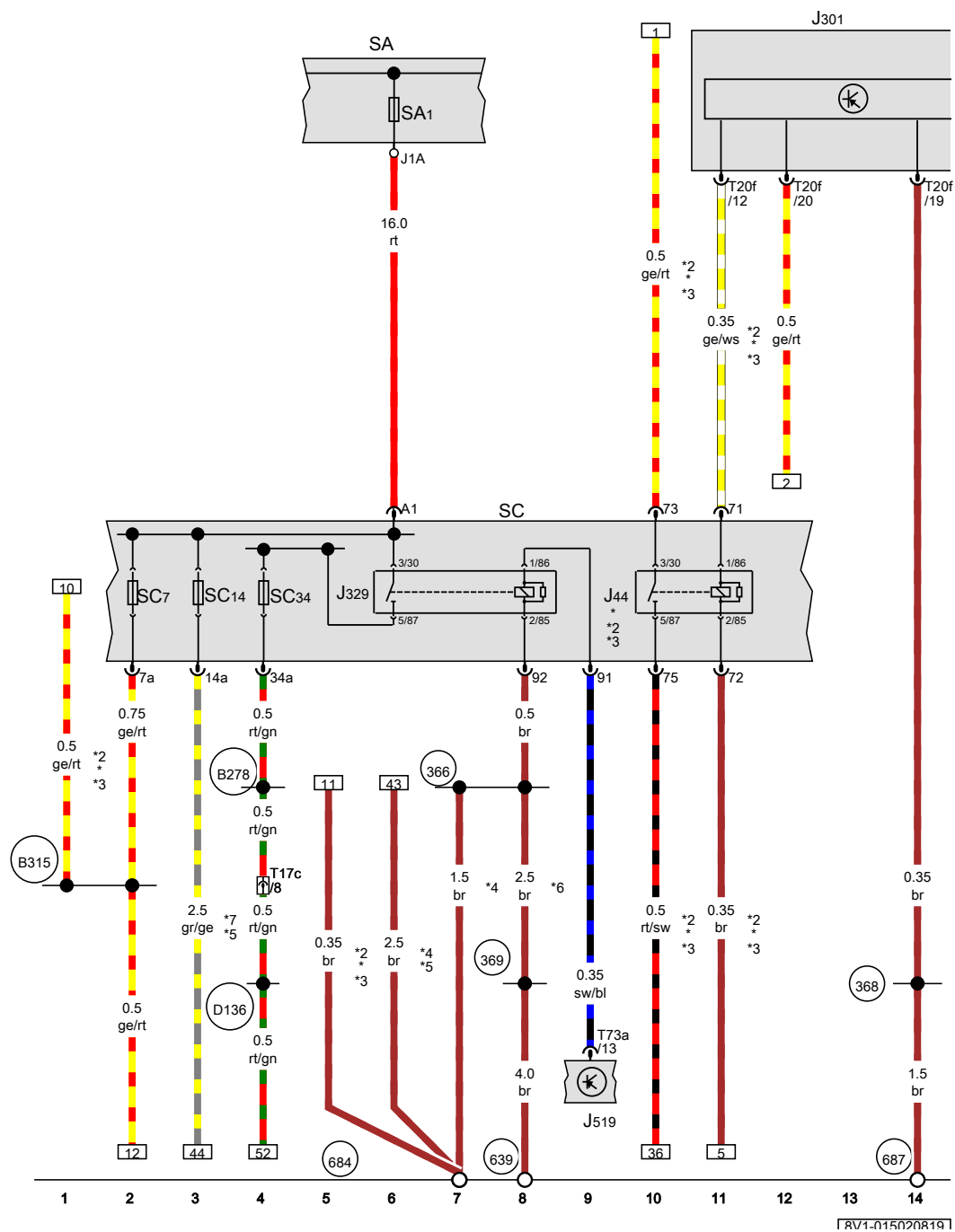
Air quality sensor, Pressure sender for refrigerant circuit

G238 Air quality sensor
 G657 Humidity sender in fresh air intake duct
 G805 Pressure sender for refrigerant circuit
 T3ad 3-pin connector
 T3ae 3-pin connector
 T17b 17-pin connector
 T17c 17-pin connector

- 132 Earth connection 3, in engine compartment wiring harness
- 167 Earth connection 4, in engine compartment wiring harness
- 685 Earth point 1, on front of right longitudinal member
- B278 Positive connection 2 (15a) in main wiring harness
- B698 Connection 3 (LIN bus) in main wiring harness
- D110 Connection 8 in engine compartment wiring harness
- D136 Positive connection 2 (15a), in engine compartment wiring harness
- D200 Positive connection 3 (15a), in engine compartment wiring harness

Air conditioning system with manual regulation , (KH6)

From March 2012



**Magnetic clutch relay, Air conditioning system control unit,
Terminal 15 voltage supply relay, Fuse 1 on fuse holder A,
Fuse holder C**

J44	Magnetic clutch relay
J301	Air conditioning system control unit
J329	Terminal 15 voltage supply relay
J519	Onboard supply control unit
SA	Fuse holder A
SA1	Fuse 1 on fuse holder A
SC	Fuse holder C
SC7	Fuse 7 on fuse holder C
SC14	Fuse 14 on fuse holder C
SC34	Fuse 34 on fuse holder C
T17c	17-pin connector
T20f	20-pin connector
T73a	73-pin connector

- 366 Earth connection 1, in main wiring harness

- 368 Earth connection 3, in main wiring harness

- 369 Earth connection 4, in main wiring harness

- (639) Earth point, left A-pillar

- 684 Earth point on front of left side member

- (687) Earth point 1, on centre tunnel

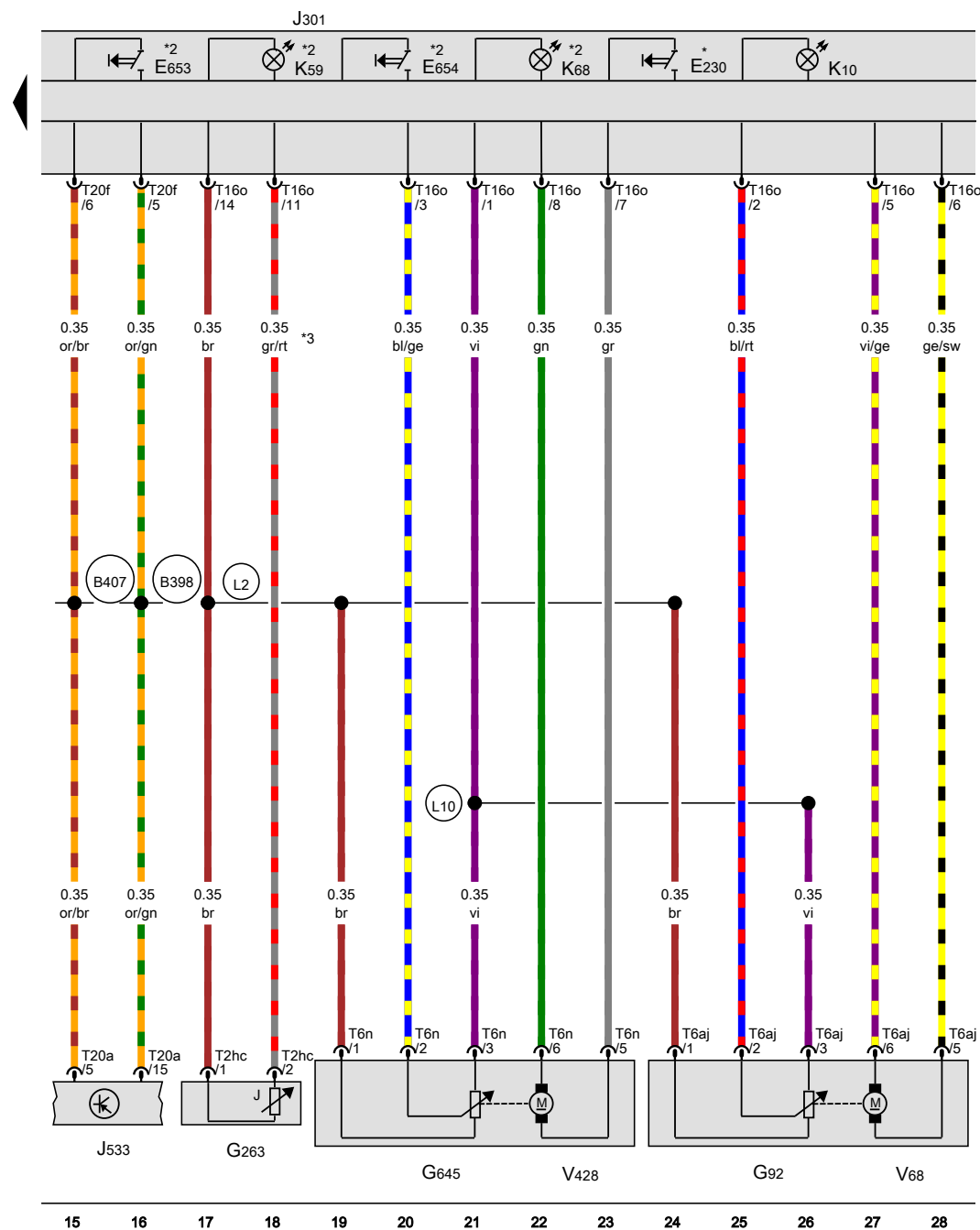
- (B278) Positive connection 2 (15a) in main wiring harness

- (B315) Positive connection 1 (30a) in main wiring harness

- D136 Positive connection 2 (15a), in engine compartment wiring harness

- * For emission standard Euro 6 DG
- *2 For models with 1.5l petrol engine
- *3 For models with 1.0l petrol engine
- *4 For right-hand drive models
- *5 Cross-section 4.0 possible
- *6 For left-hand drive models
- *7 Different wire colour possible

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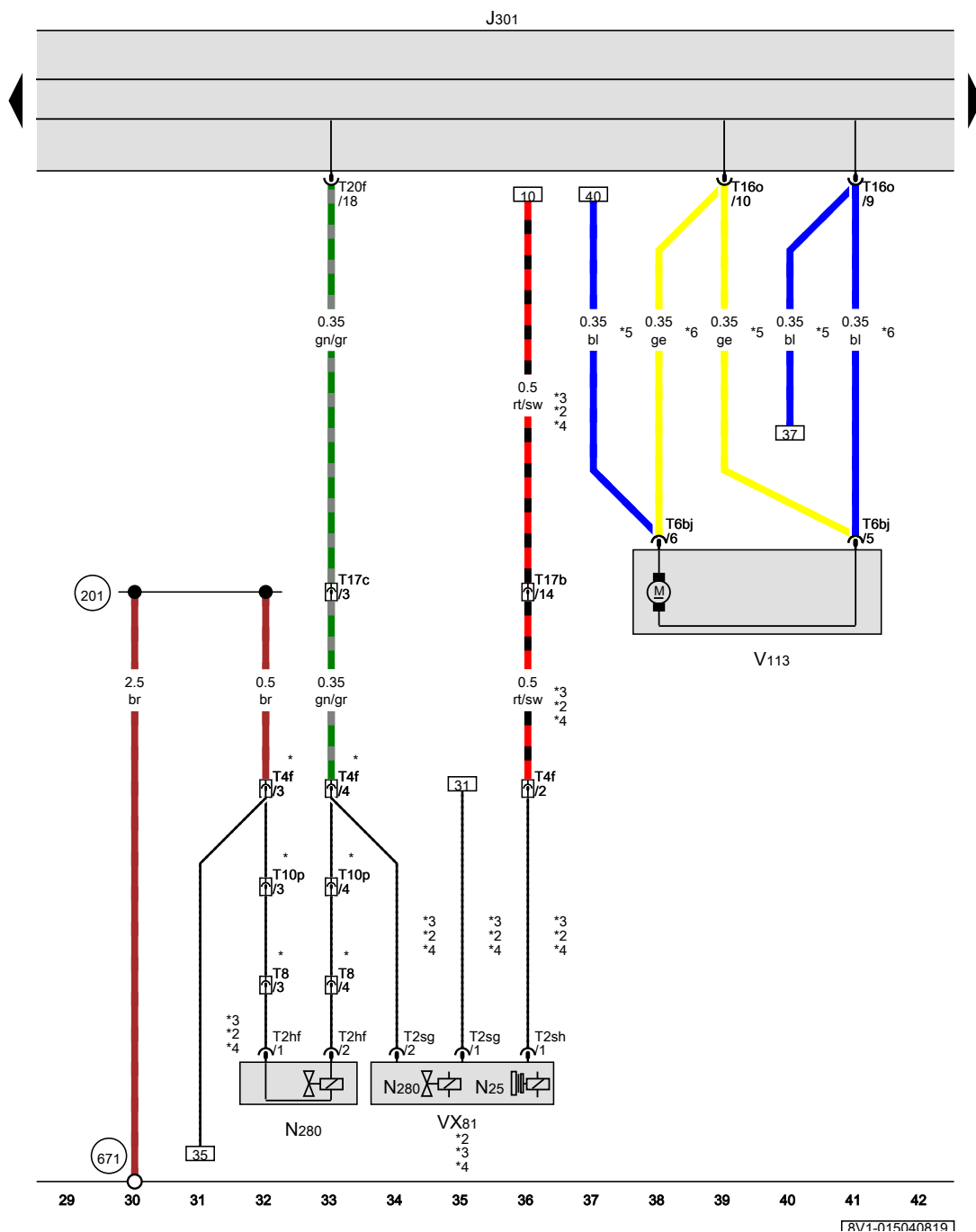


Potentiometer for temperature flap control motor, Evaporator output temperature sender, Potentiometer for air distribution flap control motor, Air conditioning system control unit, Data bus diagnostic interface, Temperature flap control motor, Air distribution flap control motor

- E230 Heated rear window button
- E653 Button for left seat heating
- E654 Button for right seat heating
- G92 Potentiometer for temperature flap control motor
- G263 Evaporator output temperature sender
- G645 Potentiometer for air distribution flap control motor
- J301 Air conditioning system control unit
- J533 Data bus diagnostic interface
- K10 Heated rear window warning lamp
- K59 Heated driver seat warning lamp
- K68 Heated front passenger seat warning lamp
- T2hc 2-pin connector
- T6aj 6-pin connector
- T6n 6-pin connector
- T16o 16-pin connector
- T20a 20-pin connector
- T20f 20-pin connector
- V68 Temperature flap control motor
- V428 Air distribution flap control motor
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness
- L2 Connection in air conditioning system wiring harness
- L10 Connection 2, in air conditioning system wiring harness

* Controls for heated rear window via CAN bus
 *2 see applicable current flow diagram for seat heating
 *3 Wiring colour depends on equipment

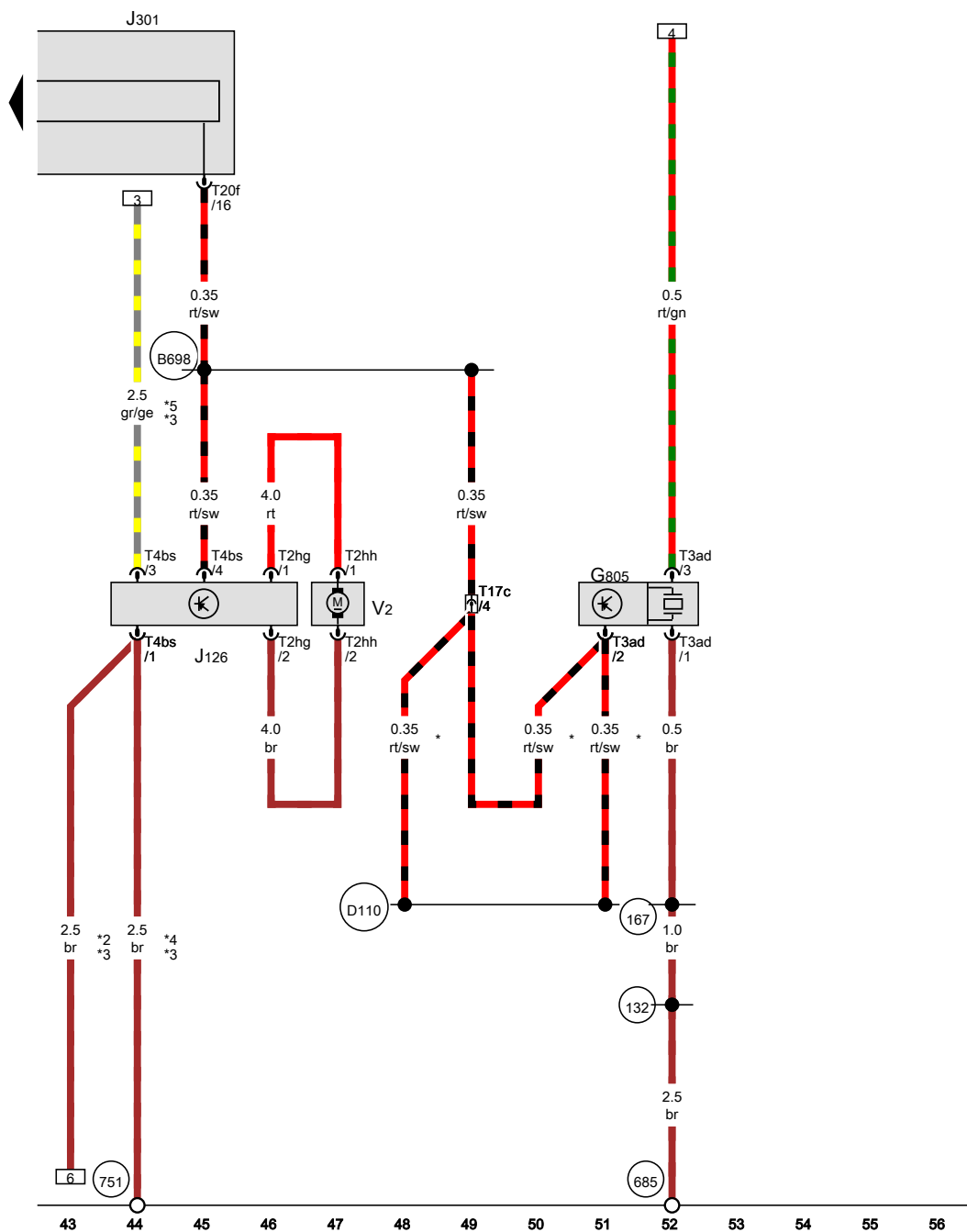
ws = white
 sw = black
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 rt = red
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 gn = green
 bl = blue
 gr = grey
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 or = orange
 rs = pink



Air conditioning system control unit, Air conditioning system magnetic clutch, Air conditioner compressor regulating valve, Air conditioner compressor, Air recirculation flap control motor

- J301 Air conditioning system control unit
- N25 Air conditioning system magnetic clutch
- N280 Air conditioner compressor regulating valve
- T2hf 2-pin connector
- T2sg 2-pin connector
- T2sh 2-pin connector, brown
- T4f 4-pin connector
- T6bj 6-pin connector
- T8 8-pin connector, near front left longitudinal member
- T10p 10-pin connector
- T16o 16-pin connector
- T17b 17-pin connector
- T17c 17-pin connector
- T20f 20-pin connector
- VX81 Air conditioner compressor
- V113 Air recirculation flap control motor
- 201 Earth connection 5, in engine compartment wiring harness
- 671 Earth point 1, on front of left longitudinal member
- * According to equipment
- *2 For emission standard Euro 6 DG
- *3 For models with 1.5l petrol engine
- *4 For models with 1.0l petrol engine
- *5 For right-hand drive models
- *6 For left-hand drive models

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Pressure sender for refrigerant circuit, Fresh air blower control unit, Air conditioning system control unit, Fresh air blower

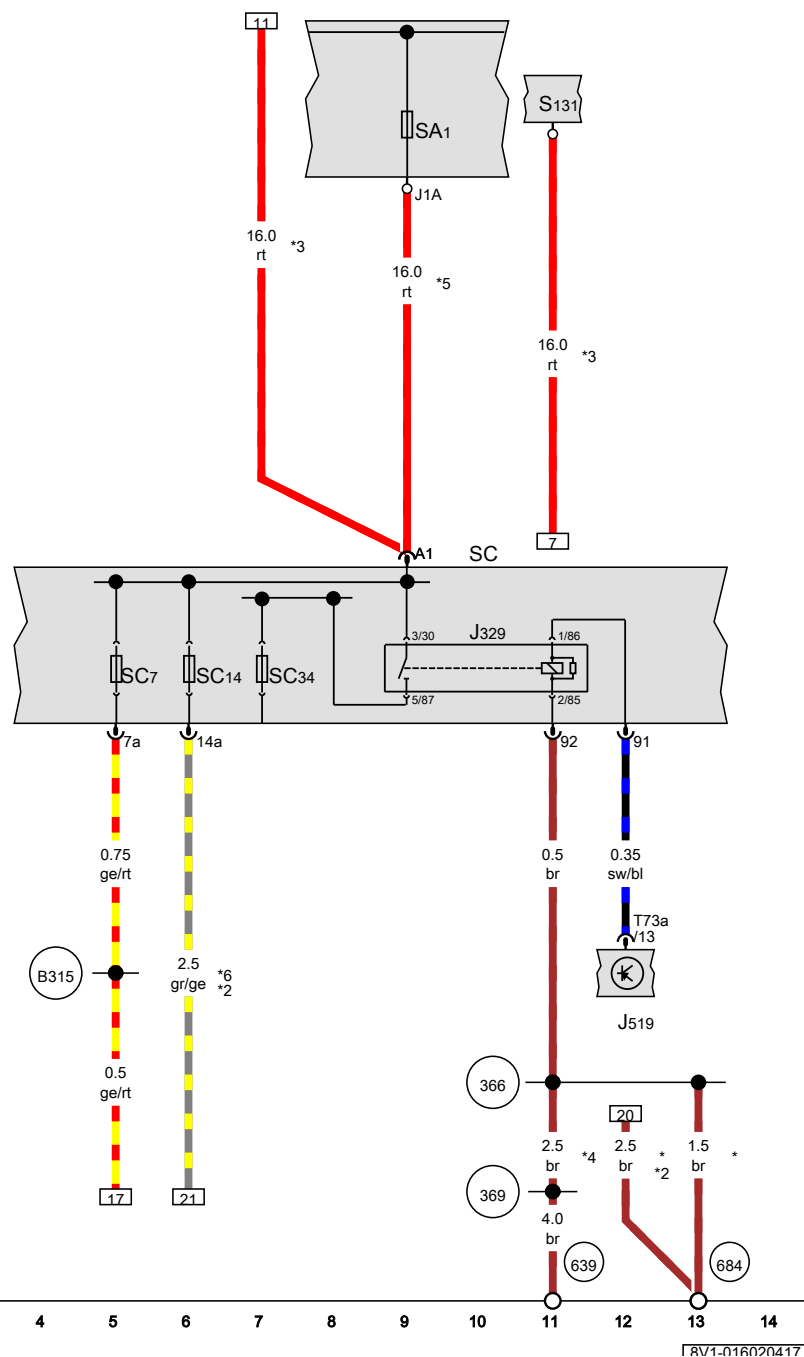
- G805 Pressure sender for refrigerant circuit
- J126 Fresh air blower control unit
- J301 Air conditioning system control unit
- T2hg 2-pin connector
- T2hh 2-pin connector
- T3ad 3-pin connector
- T4bs 4-pin connector
- T17c 17-pin connector
- T20f 20-pin connector
- V2 Fresh air blower

- 132 Earth connection 3, in engine compartment wiring harness
- 167 Earth connection 4, in engine compartment wiring harness
- 685 Earth point 1, on front of right longitudinal member
- 751 Earth point 2, on right A-pillar
- B698 Connection 3 (LIN bus) in main wiring harness
- D110 Connection 8 in engine compartment wiring harness

- * According to equipment
- *2 For right-hand drive models
- *3 Cross-section 4.0 possible
- *4 For left-hand drive models
- *5 Different wire colour possible

Manually controlled heater , (9AC)

From March 2012



Terminal 15 voltage supply relay, Fuse 1 on fuse holder A, Fuse holder C

- J329 Terminal 15 voltage supply relay
- J519 Onboard supply control unit
- SA1 Fuse 1 on fuse holder A
- S131 Fuse 1
- SC Fuse holder C
- SC7 Fuse 7 on fuse holder C
- SC14 Fuse 14 on fuse holder C
- SC34 Fuse 34 on fuse holder C
- T73a 73-pin connector

- 366 Earth connection 1, in main wiring harness
- 369 Earth connection 4, in main wiring harness
- 639 Earth point, left A-pillar
- 684 Earth point on front of left side member
- B315 Positive connection 1 (30a) in main wiring harness

- * Only right-hand drive models
- *2 Cross-section 4.0 possible
- *3 Only for RS 3 models
- *4 Only left-hand drive models
- *5 Not for RS 3 models
- *6 Different wire colour possible

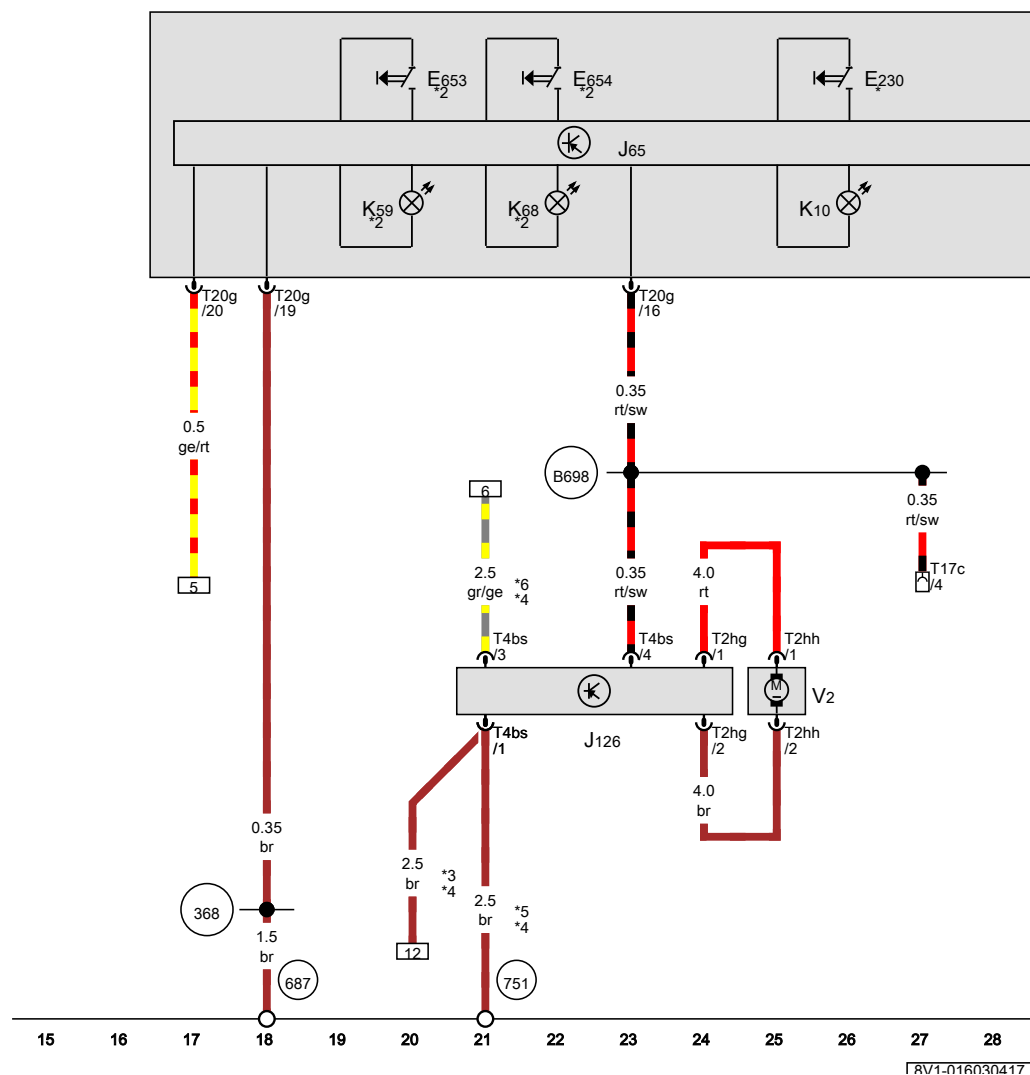
Heater control unit, Fresh air blower control unit, Fresh air blower

- E230 Heated rear window button
- E653 Button for left seat heating
- E654 Button for right seat heating
- J65 Heater control unit
- J126 Fresh air blower control unit
- K10 Heated rear window warning lamp
- K59 Heated driver seat warning lamp
- K68 Heated front passenger seat warning lamp
- T2hg 2-pin connector
- T2hh 2-pin connector
- T4bs 4-pin connector
- T17c 17-pin connector
- T20g 20-pin connector
- V2 Fresh air blower

- 368 Earth connection 3, in main wiring harness
- 687 Earth point 1, on centre tunnel
- 751 Earth point 2, on right A-pillar
- B698 Connection 3 (LIN bus) in main wiring harness

- * Controls for heated rear window via CAN bus
- *2 see applicable current flow diagram for seat heating
- *3 Only right-hand drive models
- *4 Cross-section 4.0 possible
- *5 Only left-hand drive models
- *6 Different wire colour possible

ws = white
 sw = black
 ro = red
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 gn = green
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 gr = grey
 li = purple
 vi = purple
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 or = orange
 rs = pink



Heater control unit, Data bus diagnostic interface, Air recirculation flap control motor

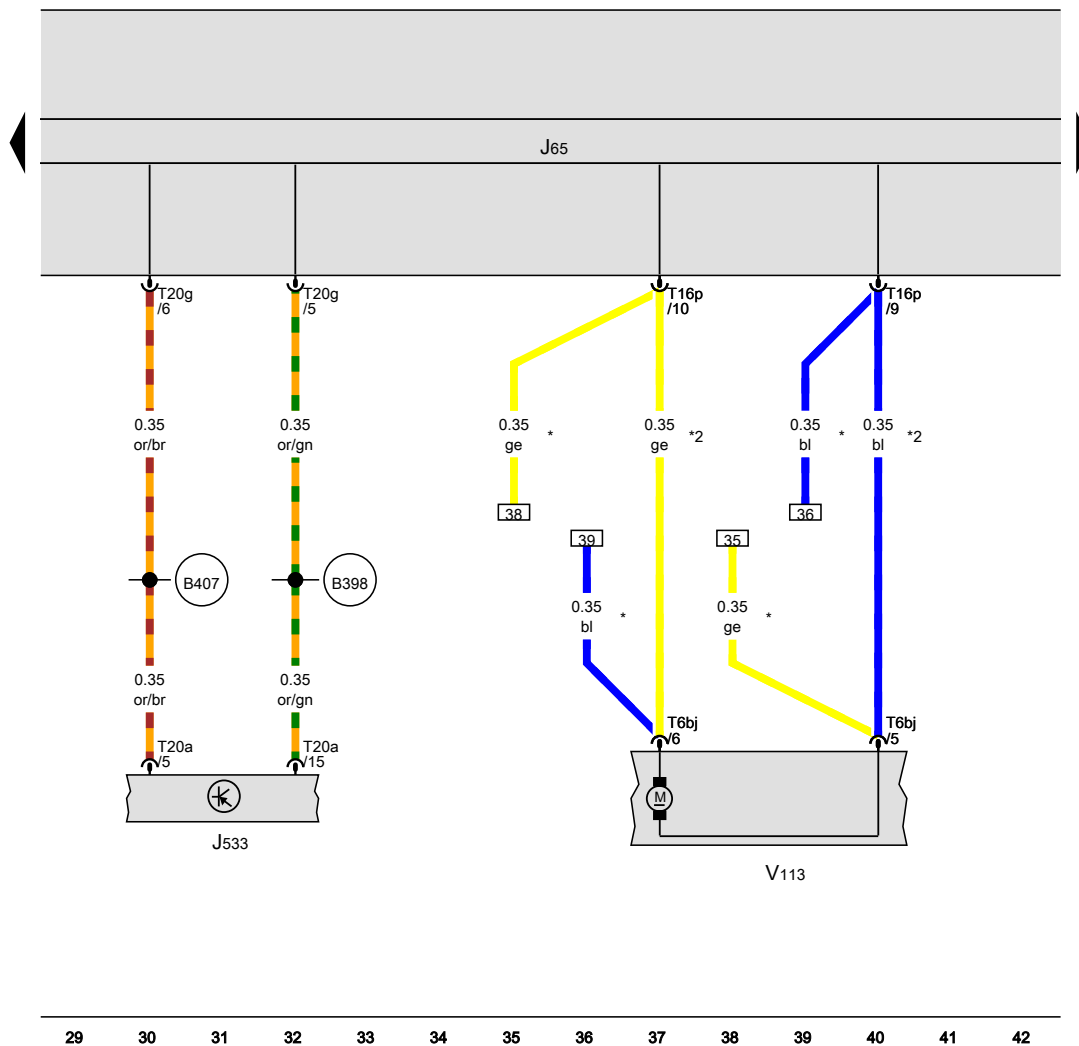
- J65 Heater control unit
- J533 Data bus diagnostic interface
- T6bj 6-pin connector
- T16p 16-pin connector
- T20a 20-pin connector
- T20g 20-pin connector
- V113 Air recirculation flap control motor

B398 Connection 2 (convenience CAN bus, high), in main wiring harness

B407 Connection 2 (convenience CAN bus, low), in main wiring harness

* Only right-hand drive models

*2 Only left-hand drive models



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- br = brown
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- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

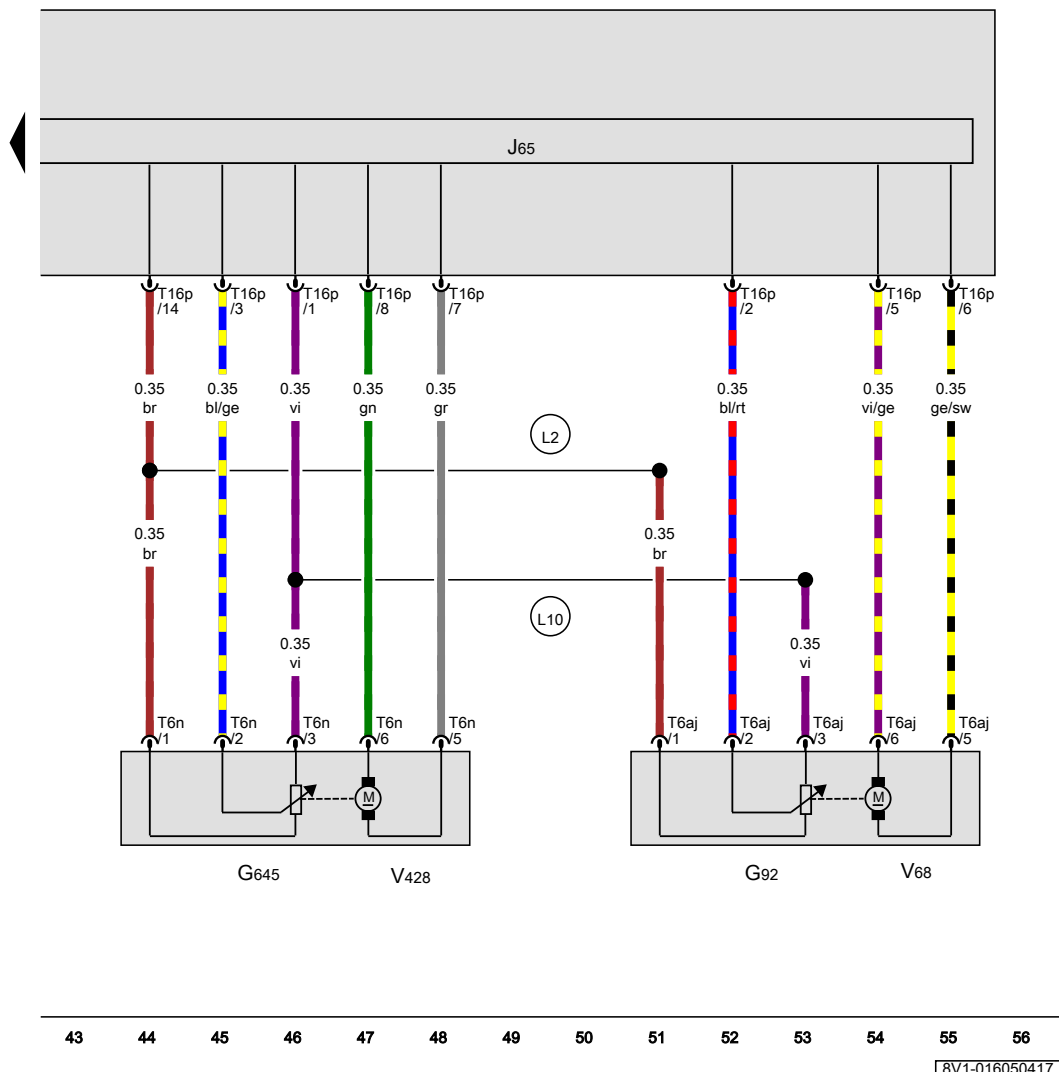
[8V1-016040417]

Potentiometer for temperature flap control motor,
Potentiometer for air distribution flap control motor, Heater
control unit, Temperature flap control motor, Air distribution
flap control motor

- G92 Potentiometer for temperature flap control motor
- G645 Potentiometer for air distribution flap control motor
- J65 Heater control unit
- T6aj 6-pin connector
- T6n 6-pin connector
- T16p 16-pin connector
- V68 Temperature flap control motor
- V428 Air distribution flap control motor

L2 Connection in air conditioning system wiring harness

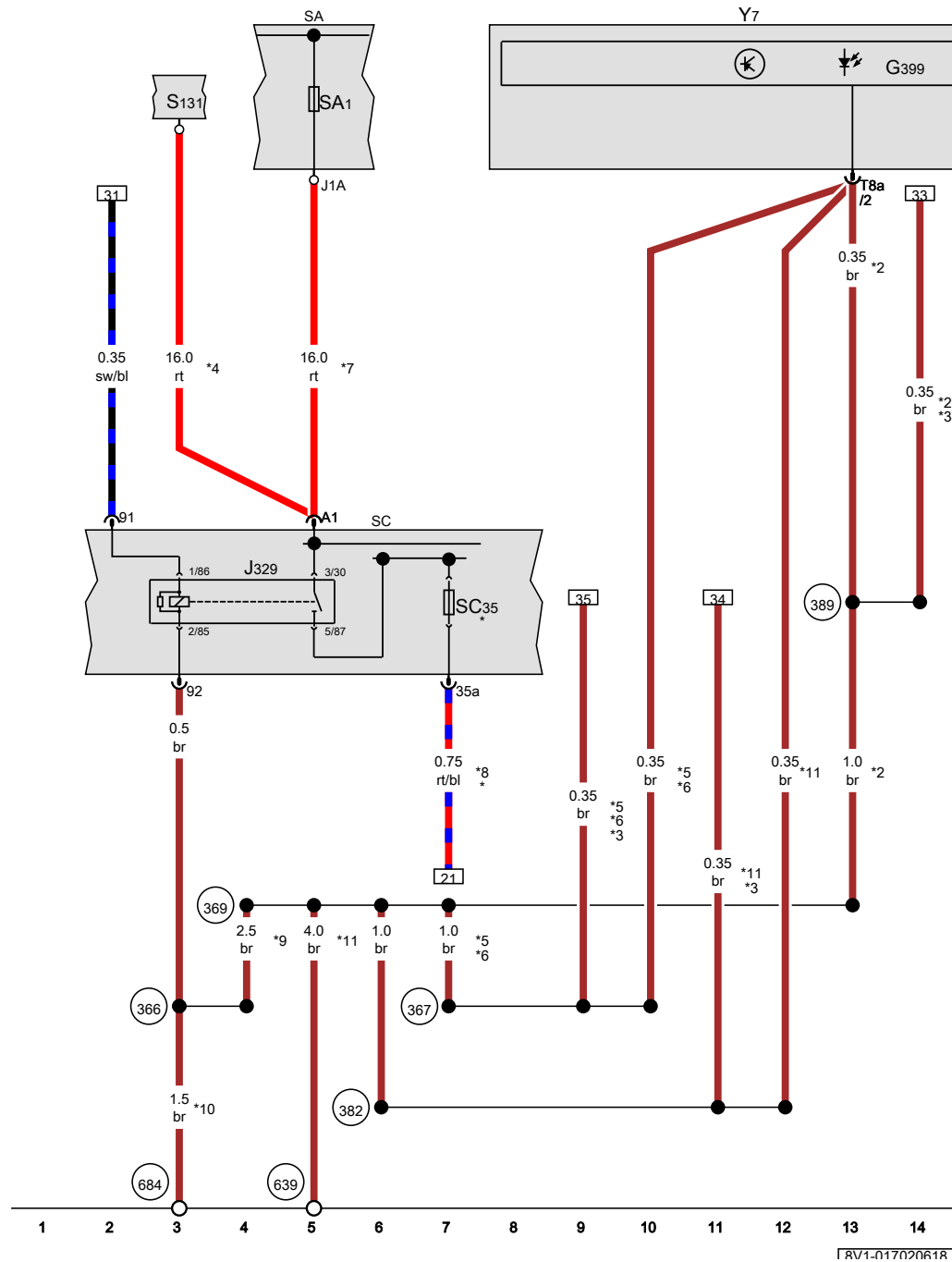
L10 Connection 2, in air conditioning system wiring harness



- ws = white
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- ge = yellow
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Automatic anti-dazzle interior mirror , (4L6)

From March 2012



Light sensor, Terminal 15 voltage supply relay, Fuse 1 on fuse holder A, Fuse holder C, Automatic anti-dazzle interior mirror

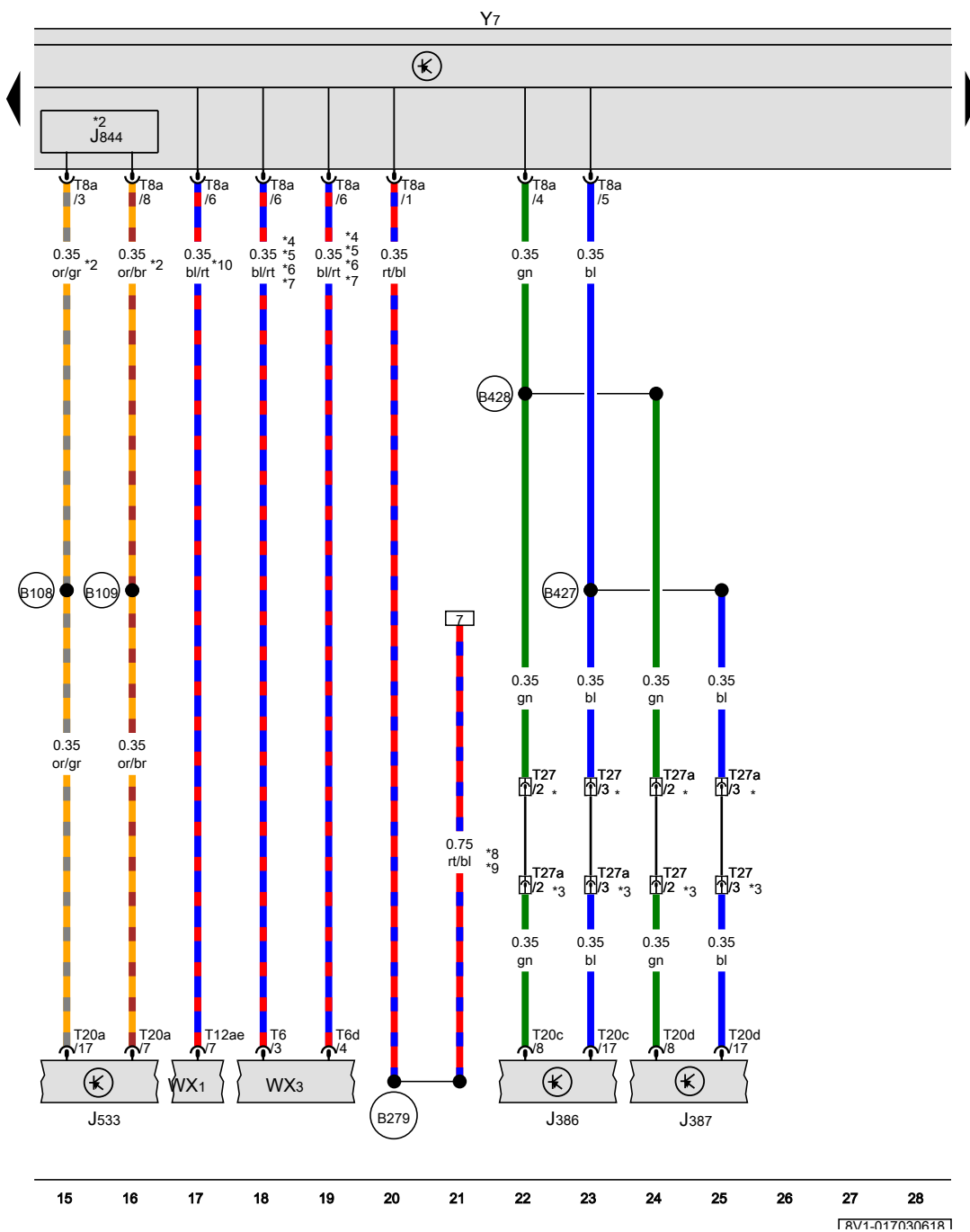
- G399 Light sensor
- J329 Terminal 15 voltage supply relay
- SA Fuse holder A
- SA1 Fuse 1 on fuse holder A
- SC Fuse holder C
- SC35 Fuse 35 on fuse holder C
- S131 Fuse 1
- T8a 8-pin connector
- Y7 Automatic anti-dazzle interior mirror

- 366 Earth connection 1, in main wiring harness
- 367 Earth connection 2, in main wiring harness
- 369 Earth connection 4, in main wiring harness
- 382 Earth connection 17, in main wiring harness
- 389 Earth connection 24, in main wiring harness
- 639 Earth point, left A-pillar
- 684 Earth point on front of left side member

- * Fuse rating depends on equipment, see fitting locations
- *2 For Cabriolet models
- *3 see applicable current flow diagram for basic equipment
- *4 For RS 3 models
- *5 For models with 3 doors
- *6 For models with 5 doors
- *7 Not for RS 3 models
- *8 Cross section depends on equipment
- *9 For left-hand drive models
- *10 For right-hand drive models
- *11 For models with 4 doors

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- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

18V1-017020R1R1



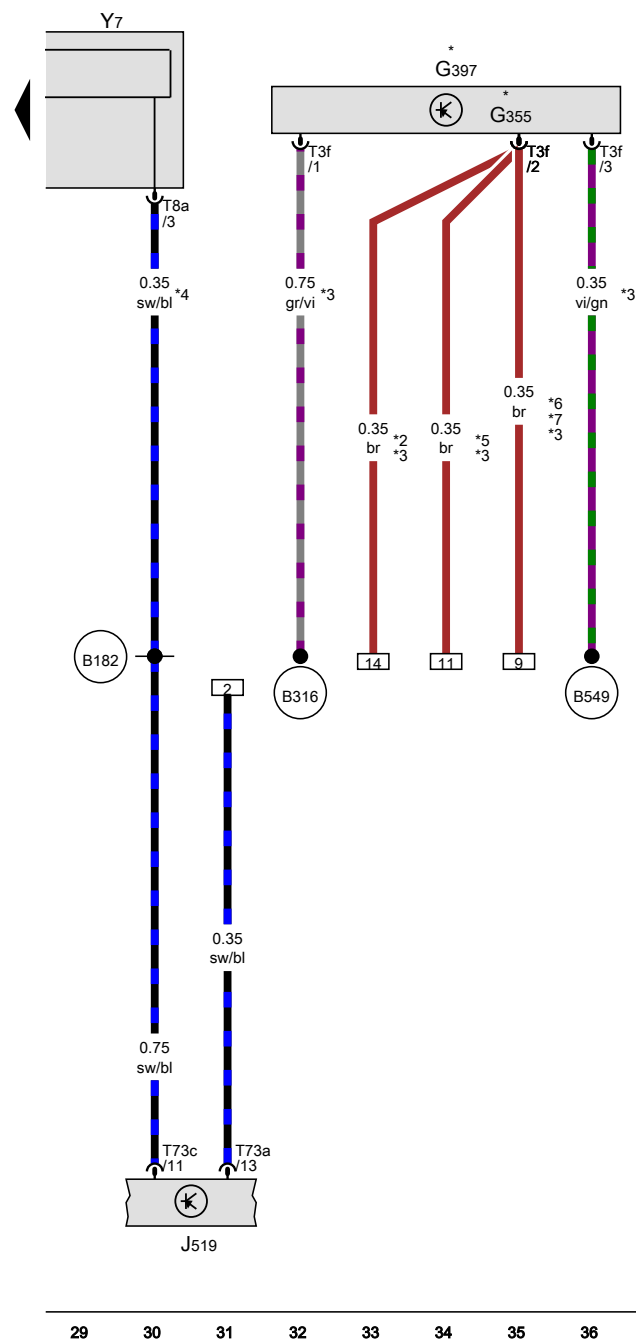
Driver door control unit, Front passenger door control unit, Data bus diagnostic interface, Main beam assist control unit, Automatic anti-dazzle interior mirror

- J386 Driver door control unit
- J387 Front passenger door control unit
- J533 Data bus diagnostic interface
- J844 Main beam assist control unit
- T6 6-pin connector
- T6d 6-pin connector
- T8a 8-pin connector
- T12ae 12-pin connector
- T20a 20-pin connector
- T20c 20-pin connector
- T20d 20-pin connector
- T27 27-pin connector, on left A-pillar
- T27a 27-pin connector, on right A-pillar
- WX1 Front interior light
- WX3 Front roof module
- Y7 Automatic anti-dazzle interior mirror

- B108 Connection 1 (CAN bus extended high), in main wiring harness
- B109 Connection 1 (CAN bus extended low), in main wiring harness
- B279 Positive connection 3 (15a) in main wiring harness
- B427 Connection 1 (mirror signal), in main wiring harness
- B428 Connection 2 (mirror signal), in main wiring harness

- * For left-hand drive models
- *2 For models with main beam assist
- *3 For right-hand drive models
- *4 According to equipment
- *5 For models with 3 doors
- *6 For models with 4 doors
- *7 For models with 5 doors
- *8 Cross section depends on equipment
- *9 Fuse rating depends on equipment, see fitting locations
- *10 For Cabriolet models

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Humidity sender, Rain and light sensor, Onboard supply control unit, Automatic anti-dazzle interior mirror

- G355 Humidity sender
- G397 Rain and light sensor
- J519 Onboard supply control unit
- T3f 3-pin connector
- T8a 8-pin connector
- T73a 73-pin connector
- T73c 73-pin connector
- Y7 Automatic anti-dazzle interior mirror

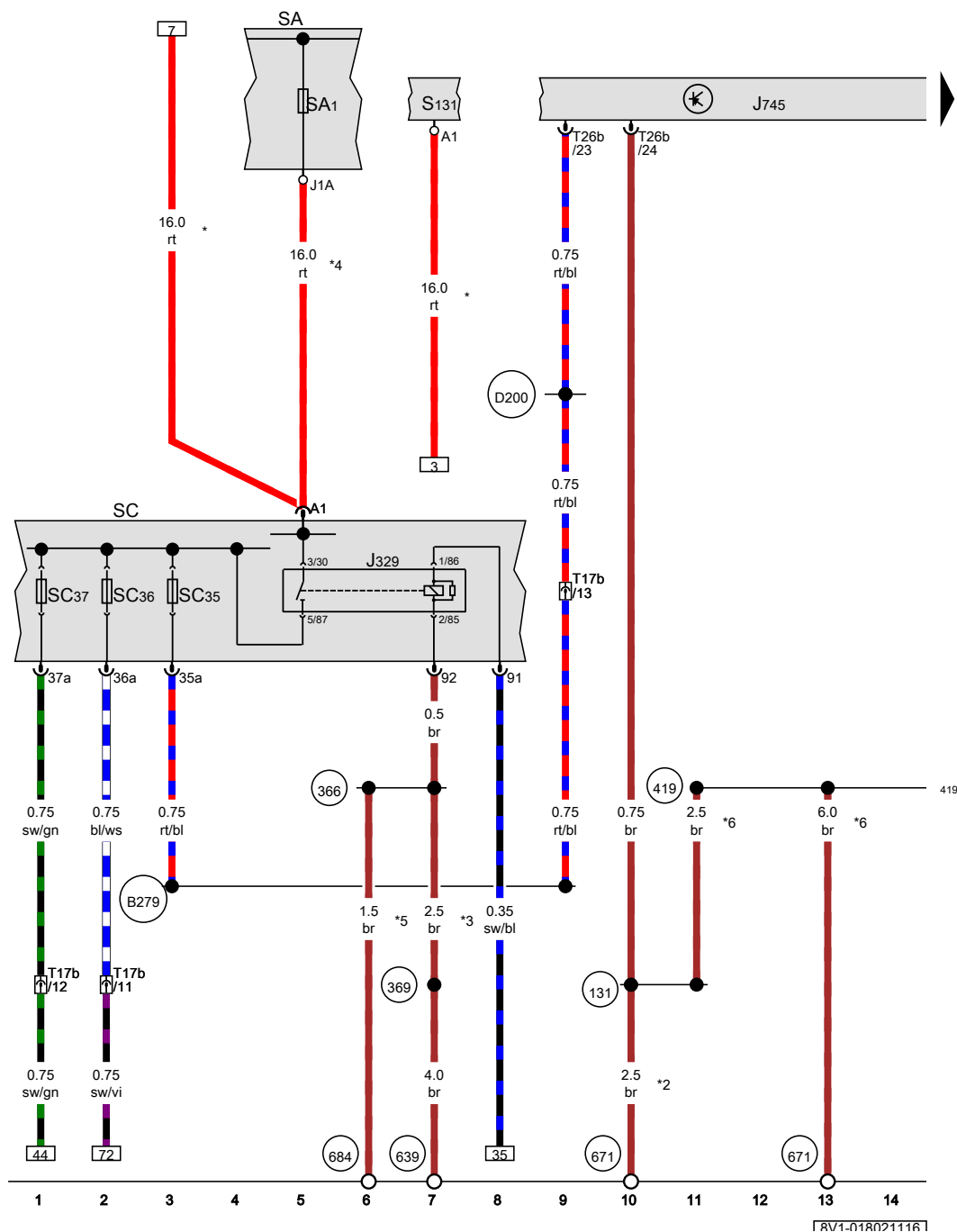
- B182 Connection (RL), in interior wiring harness
- B316 Positive connection 2 (30a) in main wiring harness
- B549 Connection 2 (LIN bus) in main wiring harness

- * According to equipment
- *2 For Cabriolet models
- *3 see applicable current flow diagram for basic equipment
- *4 For models with no main beam assist
- *5 For models with 4 doors
- *6 For models with 3 doors
- *7 For models with 5 doors

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Gas discharge headlights (bi-xenon) with automatic headlight range control and cornering light , (8IM)

From March 2012

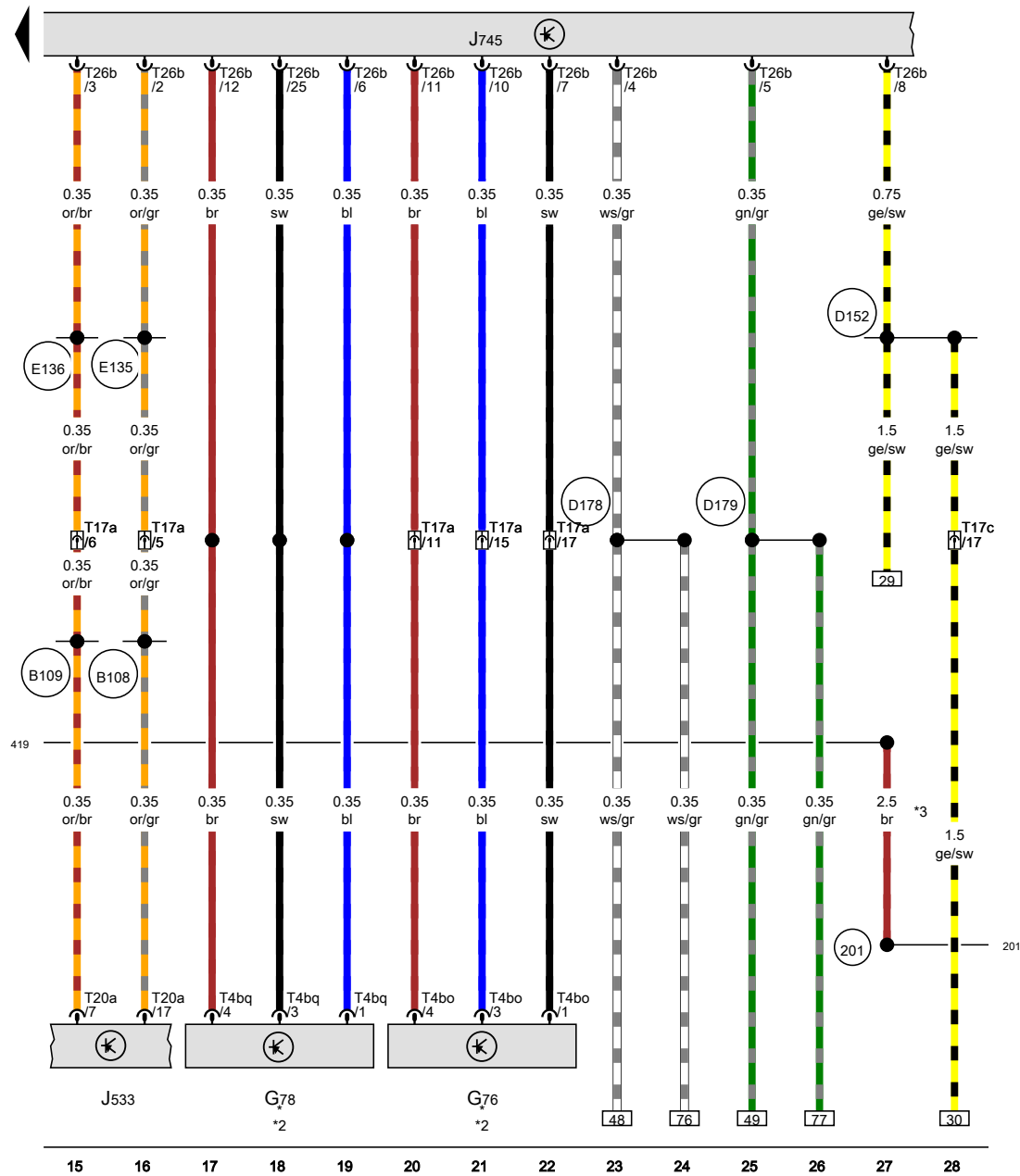


Terminal 15 voltage supply relay, Control unit for cornering light and headlight range control, Fuse 1 on fuse holder A, Fuse holder C

- J329 Terminal 15 voltage supply relay
- J745 Control unit for cornering light and headlight range control
- SA Fuse holder A
- SA1 Fuse 1 on fuse holder A
- SC Fuse holder C
- SC35 Fuse 35 on fuse holder C
- SC36 Fuse 36 on fuse holder C
- SC37 Fuse 37 on fuse holder C
- S131 Fuse 1
- T17b 17-pin connector
- T26b 26-pin connector

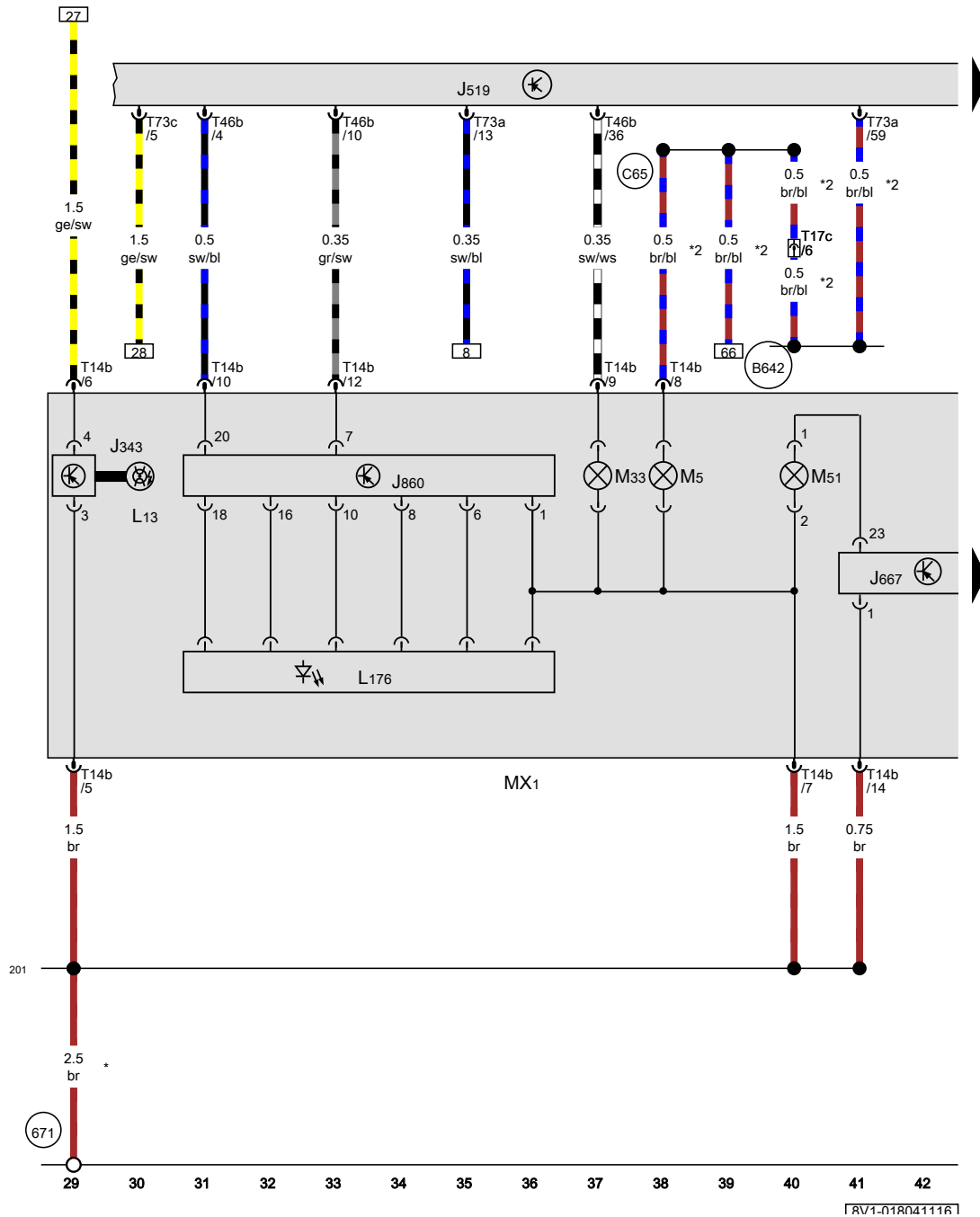
- 131 Earth connection 2, in engine compartment wiring harness
- 366 Earth connection 1, in main wiring harness
- 369 Earth connection 4, in main wiring harness
- 419 Earth connection 11, in engine compartment wiring harness
- 639 Earth point, left A-pillar
- 671 Earth point 1, on front of left longitudinal member
- 684 Earth point on front of left side member
- B279 Positive connection 3 (15a) in main wiring harness
- D200 Positive connection 3 (15a), in engine compartment wiring harness
- * Only for RS 3 models
- *2 Gradually discontinued
- *3 Only left-hand drive models
- *4 Not for RS 3 models
- *5 Only right-hand drive models
- *6 gradual introduction

Rear left vehicle level sender, Front left vehicle level sender, Control unit for cornering light and headlight range control



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- G76 Rear left vehicle level sender
- G78 Front left vehicle level sender
- J533 Data bus diagnostic interface
- J745 Control unit for cornering light and headlight range control
- T4bo 4-pin connector
- T4bq 4-pin connector
- T17a 17-pin connector
- T17c 17-pin connector
- T20a 20-pin connector
- T26b 26-pin connector
- 201 Earth connection 5, in engine compartment wiring harness
- 419 Earth connection 11, in engine compartment wiring harness
- B108 Connection 1 (CAN bus extended high), in main wiring harness
- B109 Connection 1 (CAN bus extended low), in main wiring harness
- D152 Positive connection 1 (56b), in engine compartment wiring harness
- D178 Connection 2 (high bus), in engine compartment wiring harness
- D179 Connection 2 (low bus), in engine compartment wiring harness
- E135 Connection (CAN bus extended high), in engine compartment wiring harness
- E136 Connection (CAN bus extended low), in engine compartment wiring harness
- * According to equipment
- *2 If fitted
- *3 gradual introduction



Left gas discharge bulb control unit, Onboard supply control unit, Output module for left headlight, Left LED module for daytime running light and side light, Front left turn signal bulb, Front left side marker bulb, Left static cornering light

- J343 Left gas discharge bulb control unit
- J519 Onboard supply control unit
- J667 Output module for left headlight
- J860 Control unit for left daytime running light and side light
- L13 Left gas discharge (xenon) bulb
- L176 Left LED module for daytime running light and side light
- MX1 Front left headlight
- M5 Front left turn signal bulb
- M33 Front left side marker bulb
- M51 Left static cornering light
- T14b 14-pin connector
- T17c 17-pin connector
- T46b 46-pin connector
- T73a 73-pin connector
- T73c 73-pin connector

201 Earth connection 5, in engine compartment wiring harness

671 Earth point 1, on front of left longitudinal member

B642 Positive connection (58), in main wiring harness

C65 Positive connection 1, in side marker light wiring harness

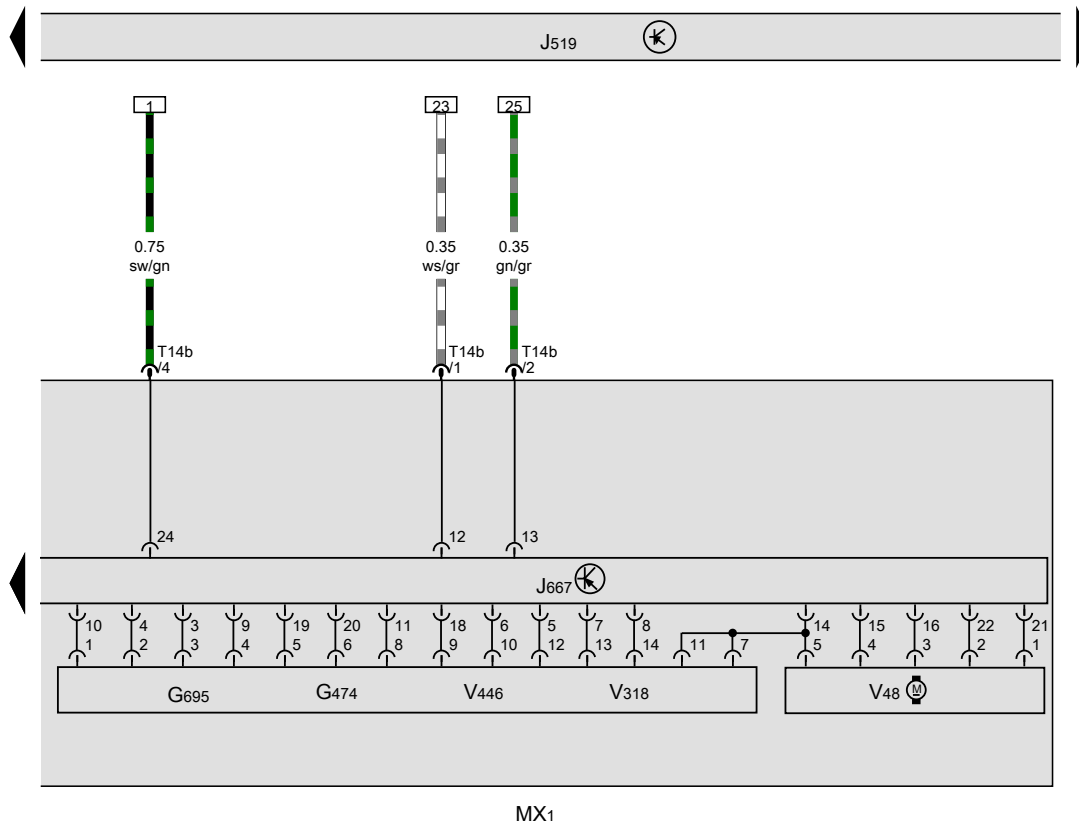
* Gradually discontinued

*2 Only models with US equipment

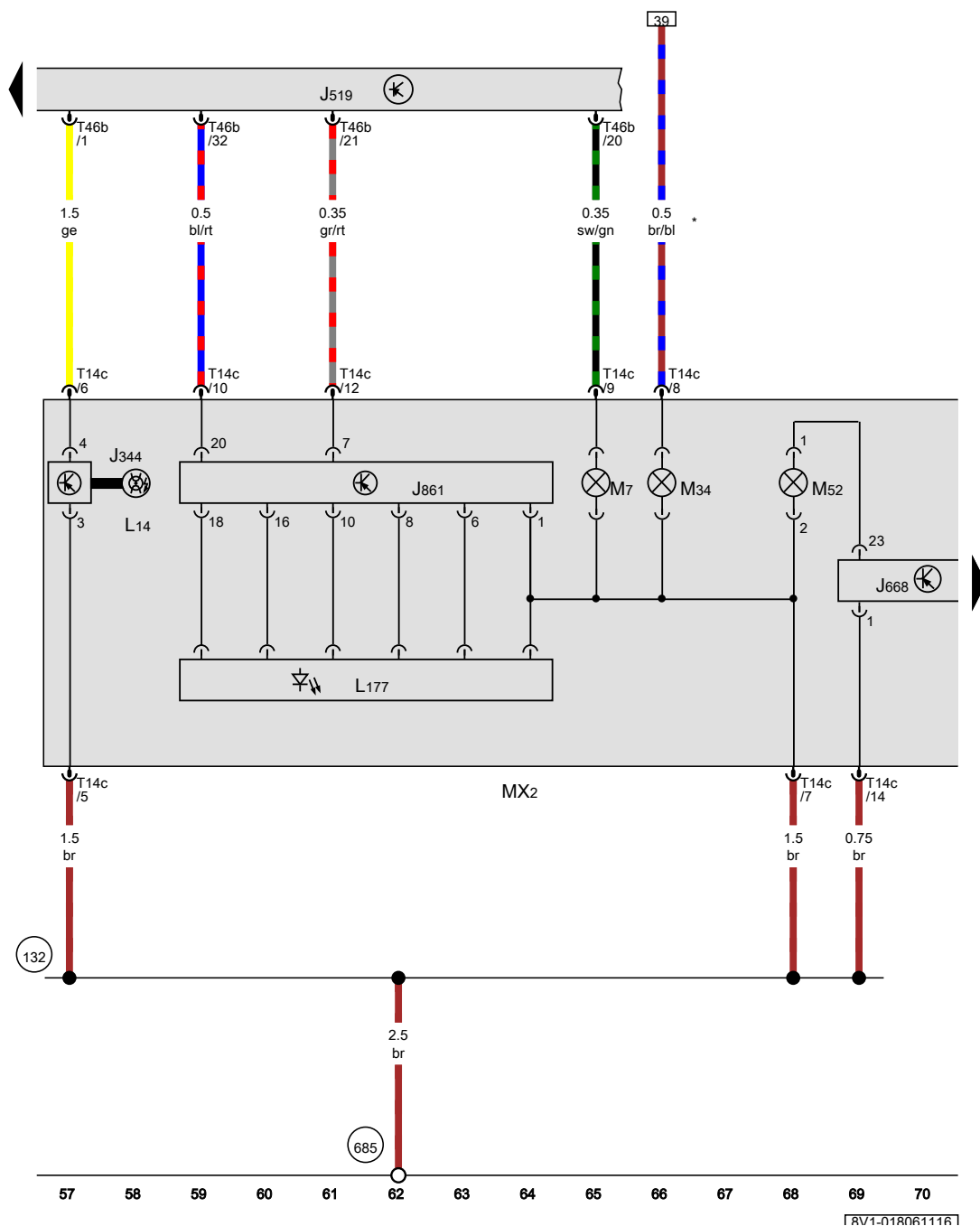
ws = white
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Onboard supply control unit, Output module for left headlight, Left headlight range control motor

- G474 Left swivel module position sensor
- G695 Control motor sender for left VARILIS headlight
- J519 Onboard supply control unit
- J667 Output module for left headlight
- MX1 Front left headlight
- T14b 14-pin connector
- V48 Left headlight range control motor
- V318 Left dynamic cornering light control motor
- V446 Control motor for left VARILIS headlight



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- vi = purple
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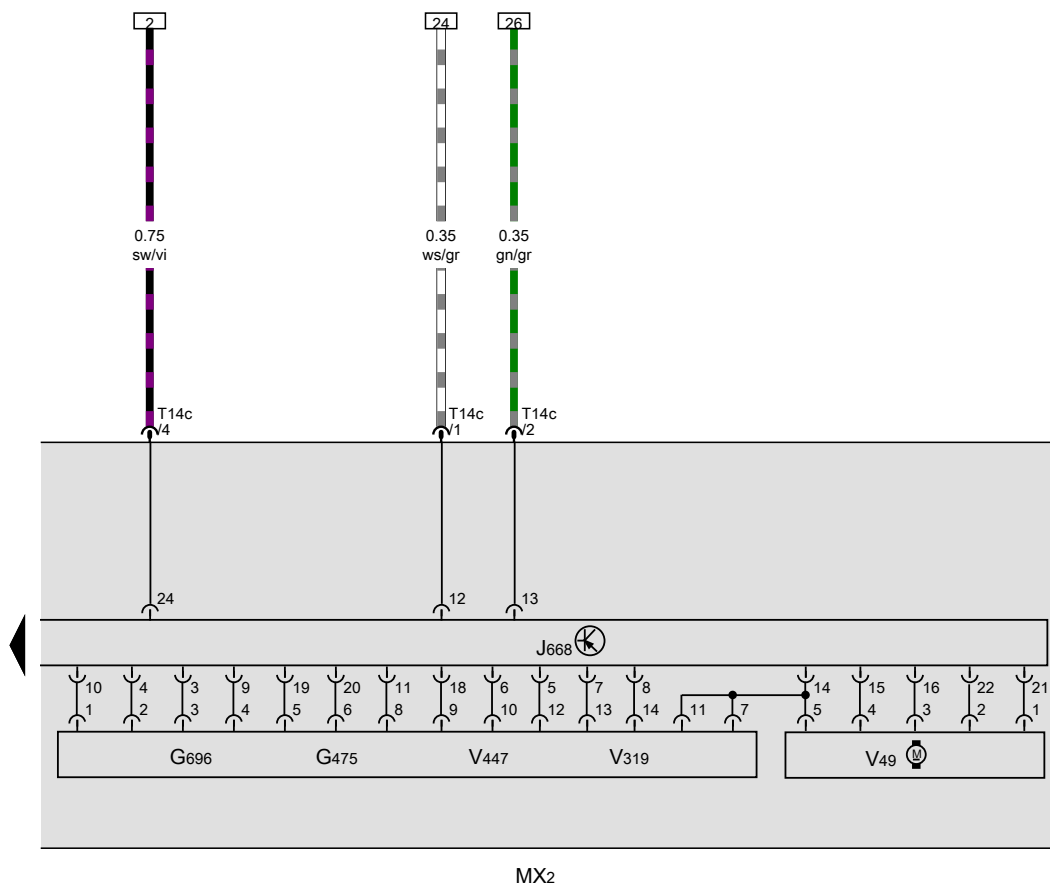
Right gas discharge bulb control unit, Onboard supply control unit, Output module for right headlight, Right LED module for daytime running light and side light, Front right turn signal bulb, Front right side marker bulb, Right static cornering light

- J344 Right gas discharge bulb control unit
- J519 Onboard supply control unit
- J668 Output module for right headlight
- J861 Control unit for right daytime running light and side light
- L14 Right gas discharge (xenon) bulb
- L177 Right LED module for daytime running light and side light
- MX2 Front right headlight
- M7 Front right turn signal bulb
- M34 Front right side marker bulb
- M52 Right static cornering light
- T14c 14-pin connector
- T46b 46-pin connector

132 Earth connection 3, in engine compartment wiring harness

685 Earth point 1, on front of right longitudinal member

* Only models with US equipment



Output module for right headlight, Right headlight range control motor

- G475 Right swivel module position sensor
- G696 Control motor sender for right VARILIS headlight
- J668 Output module for right headlight
- MX2 Front right headlight
- T14c 14-pin connector
- V49 Right headlight range control motor
- V319 Right dynamic cornering light control motor
- V447 Control motor for right VARILIS headlight

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Battery in engine compartment with start/stop system and energy recovery , (7L6)

From March 2012

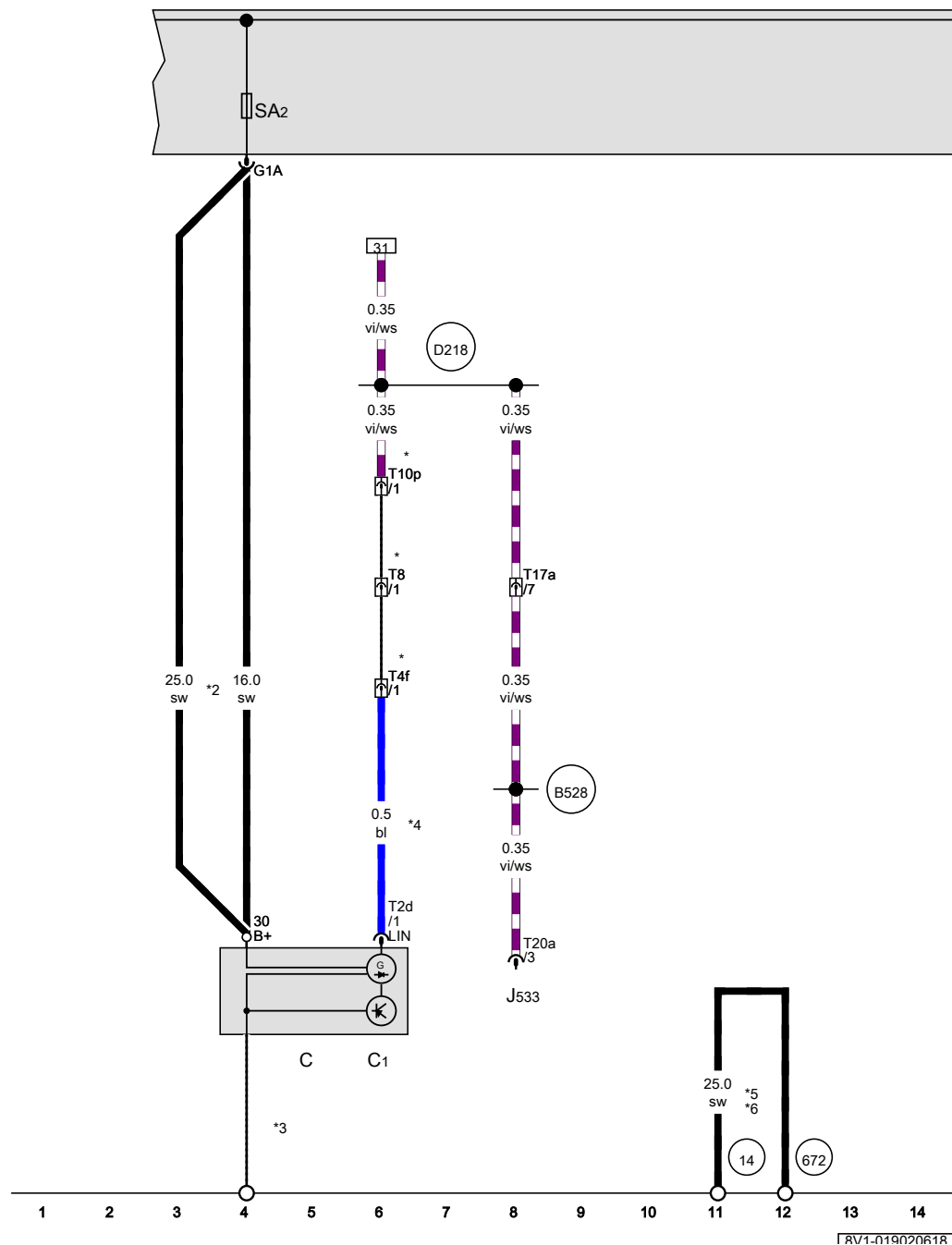
Alternator, Fuse 2 on fuse holder A

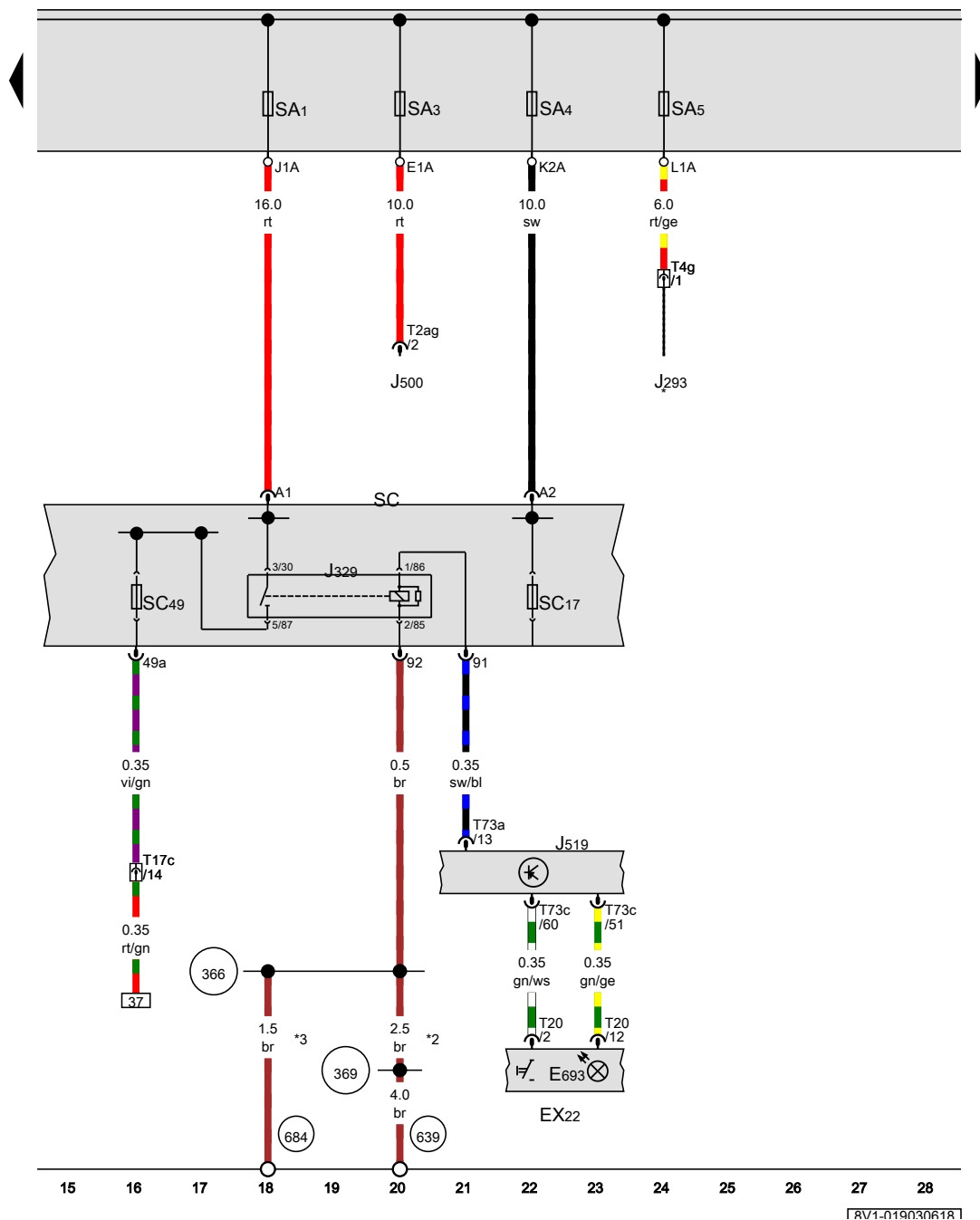
- C Alternator
- C1 Voltage regulator
- J533 Data bus diagnostic interface
- SA2 Fuse 2 on fuse holder A
- T2d 2-pin connector
- T4f 4-pin connector
- T8 8-pin connector
- T10p 10-pin connector
- T17a 17-pin connector
- T20a 20-pin connector

- 14 Earth point, on gearbox
- 672 Earth point 2, on front of left longitudinal member
- B528 Connection 1 (LIN bus) in main wiring harness
- D218 Connection 1 (LIN bus) in engine compartment wiring harness

- * According to equipment
- *2 For models with 140 A/180 A alternator
- *3 Earth supply via housing
- *4 Wiring colour depends on equipment
- *5 Cross-section 35.0 possible
- *6 Different wire colour possible

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- br = brown
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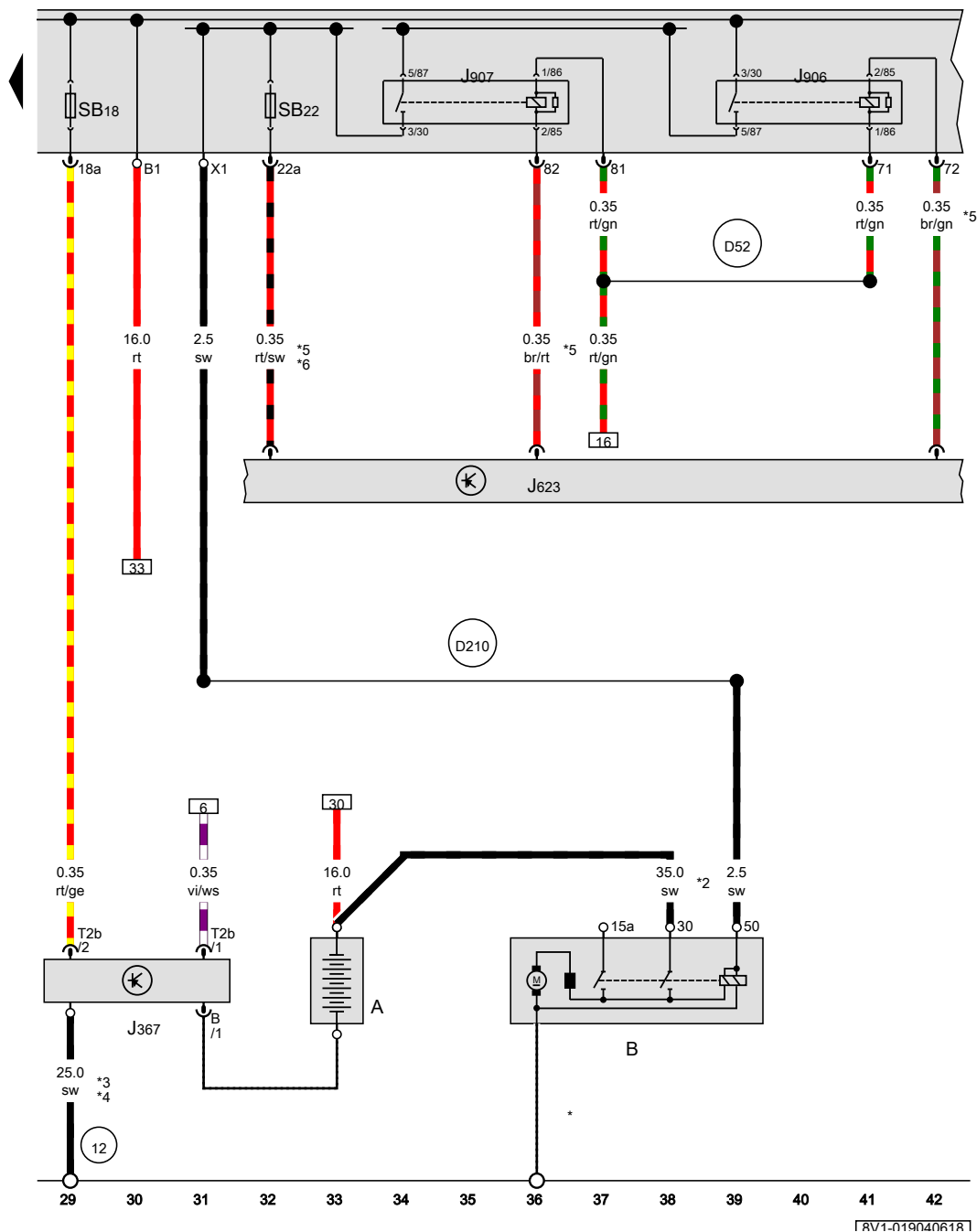


Centre switch module in dash panel, Start/Stop operation button, Terminal 15 voltage supply relay, Fuse 1 on fuse holder A, Fuse 3 on fuse holder A, Fuse 4 on fuse holder A, Fuse 5 on fuse holder A, Fuse holder C

- EX22 Centre switch module in dash panel
- E693 Start/Stop operation button
- J293 Radiator fan control unit
- J329 Terminal 15 voltage supply relay
- J500 Power steering control unit
- J519 Onboard supply control unit
- SA1 Fuse 1 on fuse holder A
- SA3 Fuse 3 on fuse holder A
- SA4 Fuse 4 on fuse holder A
- SA5 Fuse 5 on fuse holder A
- SC Fuse holder C
- SC17 Fuse 17 on fuse holder C
- SC49 Fuse 49 on fuse holder C
- T1 1-pin connector
- T2ag 2-pin connector
- T4g 4-pin connector
- T17c 17-pin connector
- T20 20-pin connector
- T73a 73-pin connector
- T73c 73-pin connector

- 366 Earth connection 1, in main wiring harness
- 369 Earth connection 4, in main wiring harness
- 639 Earth point, left A-pillar
- 684 Earth point on front of left side member

- * see applicable current flow diagram for radiator fan
- *2 For left-hand drive models
- *3 For right-hand drive models



Battery, Starter, Battery monitor control unit, Engine/motor control unit, Starter relay 1, Starter relay 2

- A Battery
- B Starter
- J367 Battery monitor control unit
- J623 Engine/motor control unit
- J906 Starter relay 1
- J907 Starter relay 2
- SB18 Fuse 18 on fuse holder B
- SB22 Fuse 22 on fuse holder B
- T1a 1-pin connector
- T2b 2-pin connector

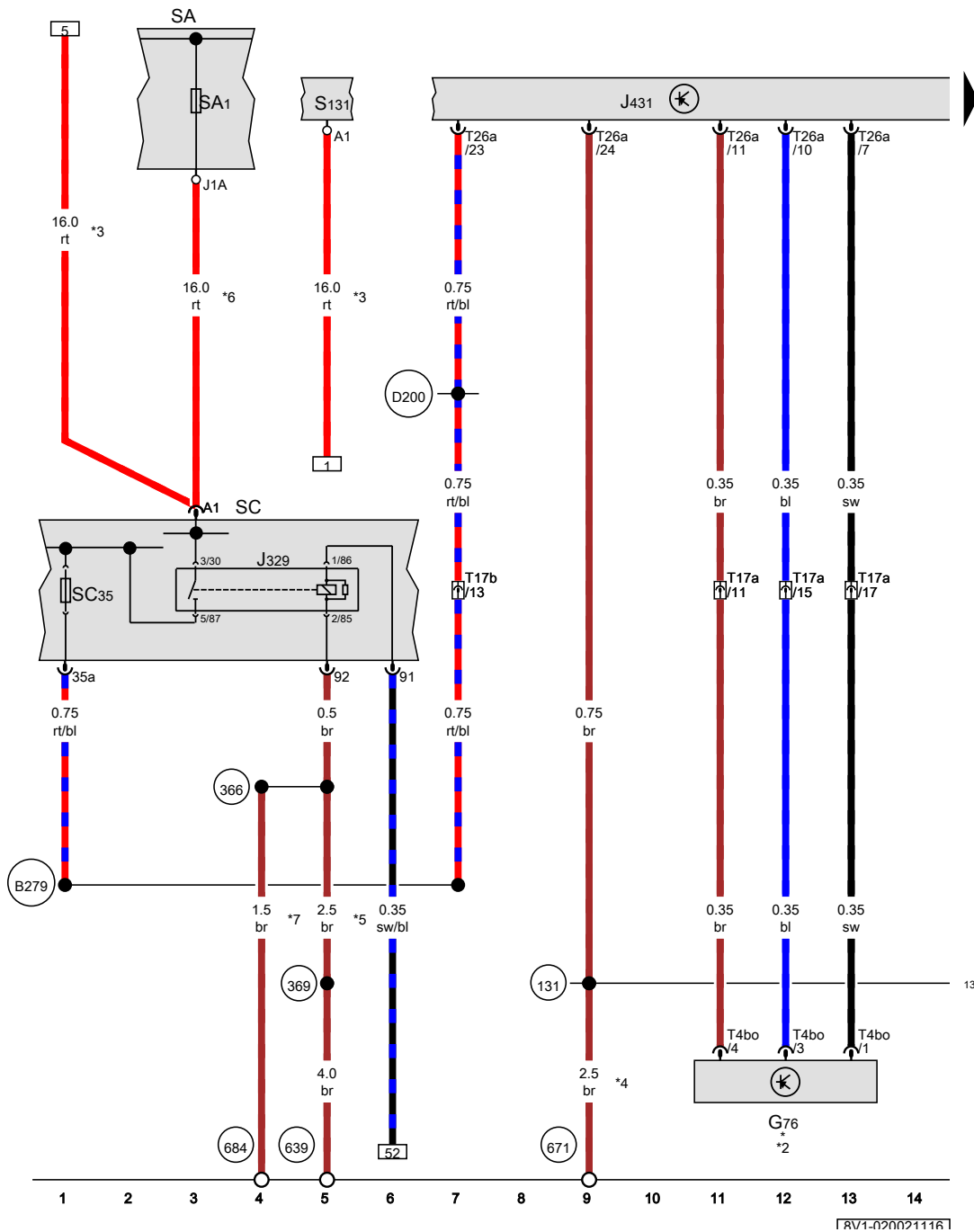
- 12 Earth point, on left in engine compartment
- D52 Positive connection (15a), in engine compartment wiring harness
- D210 Connection (50), in engine compartment wiring harness

- * Earth supply via housing
- *2 Cross section depends on equipment
- *3 Cross-section 35.0 possible
- *4 Different wire colour possible
- *5 see applicable current flow diagram for engine
- *6 Wiring colour depends on equipment

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Gas discharge headlights with automatic headlight range control , (8IG)

From March 2012

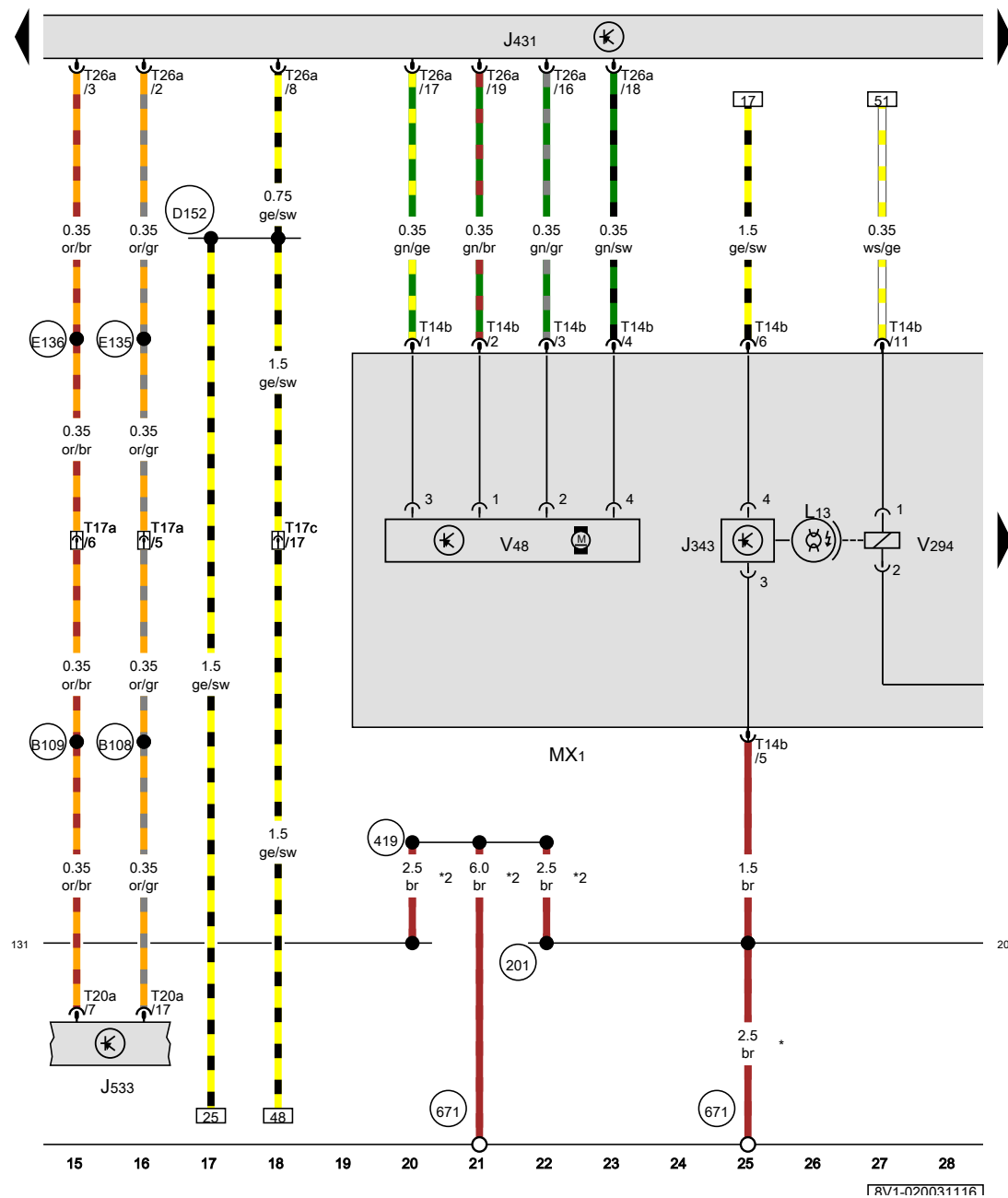


Rear left vehicle level sender, Terminal 15 voltage supply relay, Headlight range control unit, Fuse 1 on fuse holder A, Fuse holder C

- G76 Rear left vehicle level sender
- J329 Terminal 15 voltage supply relay
- J431 Headlight range control unit
- SA Fuse holder A
- SA1 Fuse 1 on fuse holder A
- S131 Fuse 1
- SC Fuse holder C
- SC35 Fuse 35 on fuse holder C
- T4bo 4-pin connector
- T17a 17-pin connector
- T17b 17-pin connector
- T26a 26-pin connector

- 131 Earth connection 2, in engine compartment wiring harness
- 366 Earth connection 1, in main wiring harness
- 369 Earth connection 4, in main wiring harness
- 639 Earth point, left A-pillar
- 671 Earth point 1, on front of left longitudinal member
- 684 Earth point on front of left side member
- B279 Positive connection 3 (15a) in main wiring harness
- D200 Positive connection 3 (15a), in engine compartment wiring harness
- * According to equipment
- *2 If fitted
- *3 Only for RS 3 models
- *4 Gradually discontinued
- *5 Only left-hand drive models
- *6 Not for RS 3 models
- *7 Only right-hand drive models

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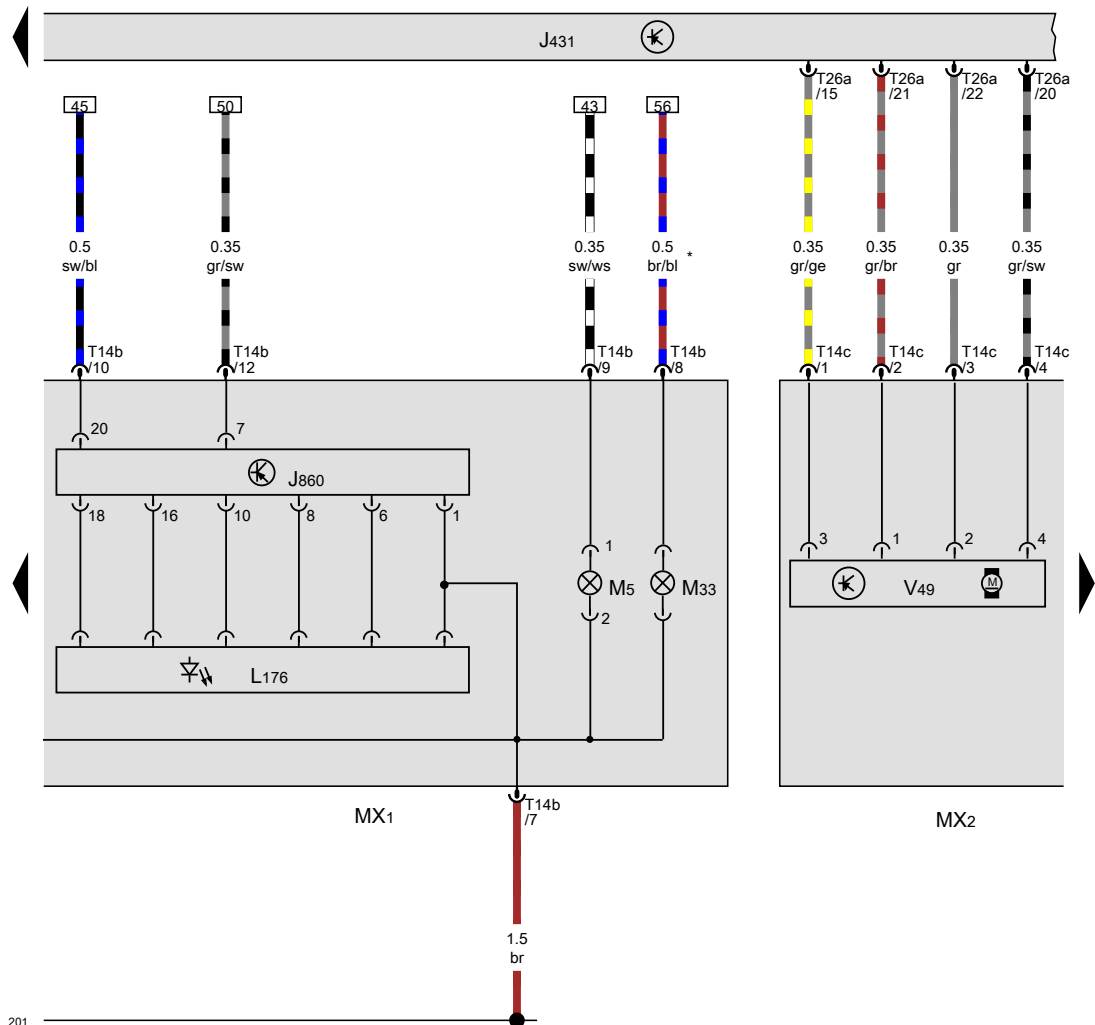


Left gas discharge bulb control unit, Headlight range control unit, Data bus diagnostic interface, Left gas discharge (xenon) bulb, Left headlight range control motor, Left dip beam screen motor

- J343 Left gas discharge bulb control unit
- J431 Headlight range control unit
- J533 Data bus diagnostic interface
- L13 Left gas discharge (xenon) bulb
- MX1 Front left headlight
- T14b 14-pin connector
- T17a 17-pin connector
- T17c 17-pin connector
- T20a 20-pin connector
- T26a 26-pin connector
- V48 Left headlight range control motor
- V294 Left dip beam screen motor

- 131 Earth connection 2, in engine compartment wiring harness
- 201 Earth connection 5, in engine compartment wiring harness
- 419 Earth connection 11, in engine compartment wiring harness
- 671 Earth point 1, on front of left longitudinal member
- B108 Connection 1 (CAN bus extended high), in main wiring harness
- B109 Connection 1 (CAN bus extended low), in main wiring harness
- D152 Positive connection 1 (56b), in engine compartment wiring harness
- E135 Connection (CAN bus extended high), in engine compartment wiring harness
- E136 Connection (CAN bus extended low), in engine compartment wiring harness
- * Gradually discontinued
- *2 gradual introduction

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Headlight range control unit, Left LED module for daytime running light and side light, Front left turn signal bulb, Front left side marker bulb, Right headlight range control motor

- J431 Headlight range control unit
- J860 Control unit for left daytime running light and side light
- L176 Left LED module for daytime running light and side light
- MX1 Front left headlight
- MX2 Front right headlight
- M5 Front left turn signal bulb
- M33 Front left side marker bulb
- T14b 14-pin connector
- T14c 14-pin connector
- T26a 26-pin connector
- V49 Right headlight range control motor

201 Earth connection 5, in engine compartment wiring harness

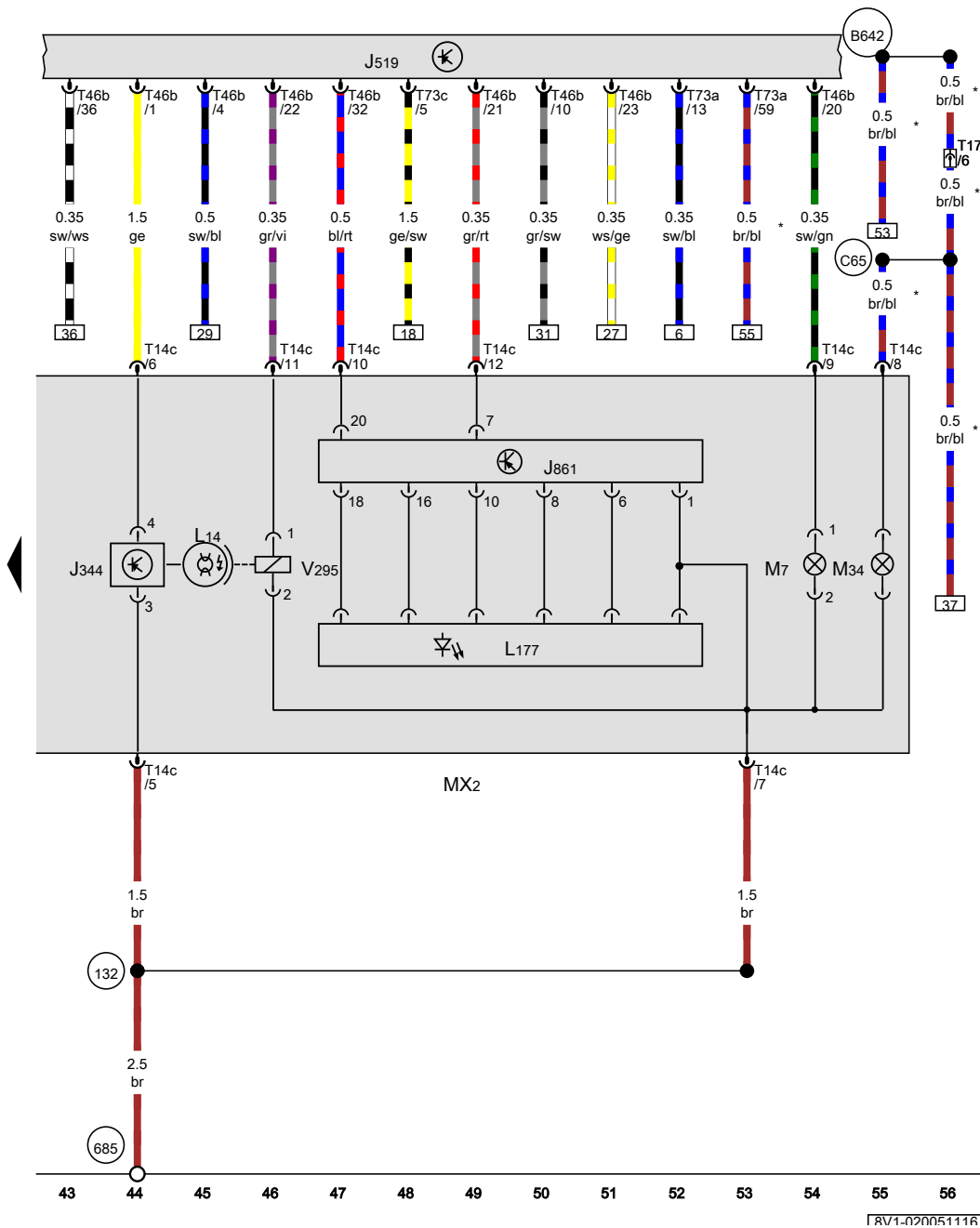
* Only models with US equipment

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 ge = yellow
 or = orange
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201

29 30 31 32 33 34 35 36 37 38 39 40 41 42

18V1-0200411161



Right gas discharge bulb control unit, Onboard supply control unit, Control unit for right daytime running light and side light, Right gas discharge (xenon) bulb, Right LED module for daytime running light and side light, Front right turn signal bulb, Front right side marker bulb, Right dip beam screen motor

- J344 Right gas discharge bulb control unit
- J519 Onboard supply control unit
- J861 Control unit for right daytime running light and side light
- L14 Right gas discharge (xenon) bulb
- L177 Right LED module for daytime running light and side light
- MX2 Front right headlight
- M7 Front right turn signal bulb
- M34 Front right side marker bulb
- T14c 14-pin connector
- T17c 17-pin connector
- T46b 46-pin connector
- T73a 73-pin connector
- T73c 73-pin connector
- V295 Right dip beam screen motor

132 Earth connection 3, in engine compartment wiring harness

685 Earth point 1, on front of right longitudinal member

B642 Positive connection (58), in main wiring harness

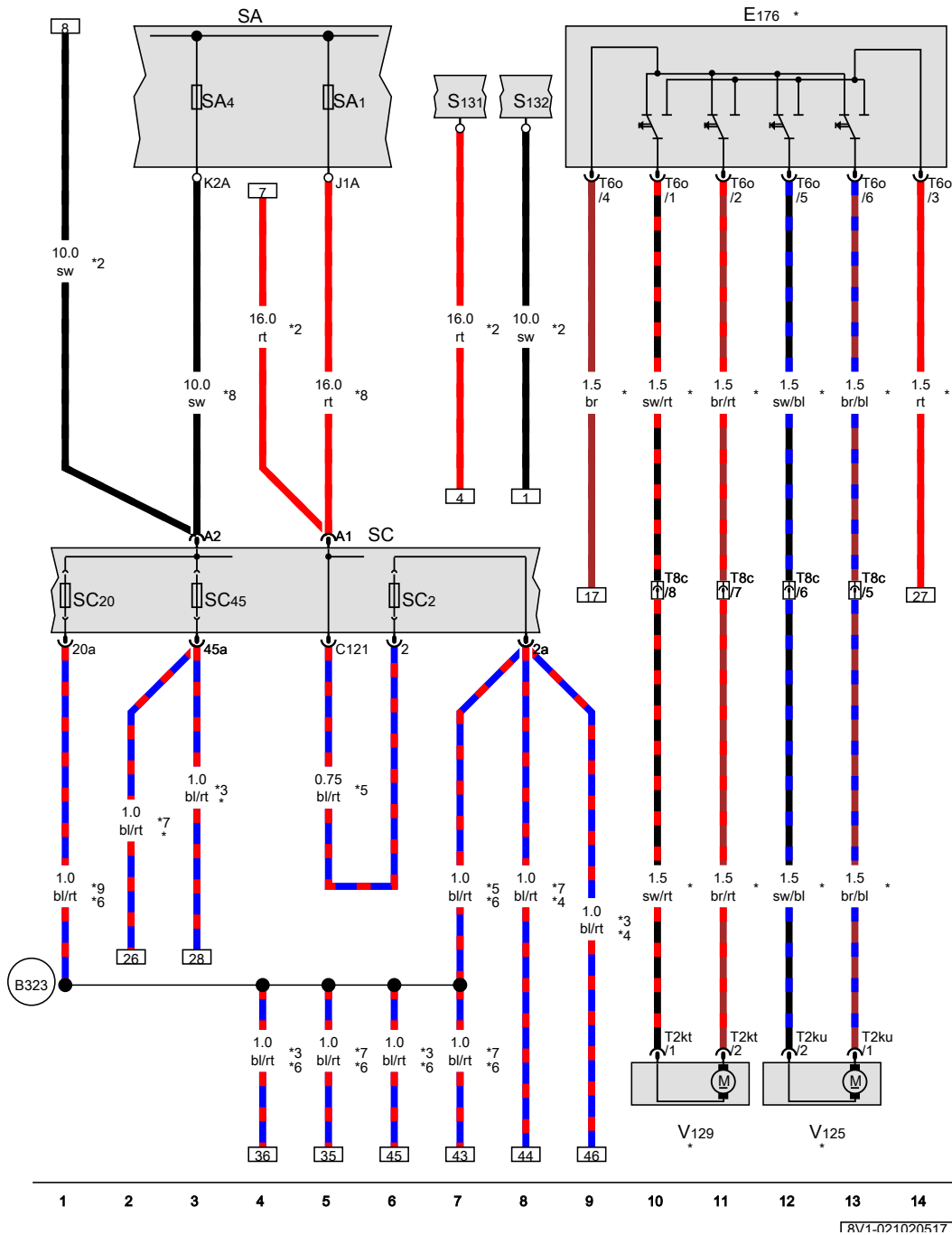
C65 Positive connection 1, in side marker light wiring harness

* Only models with US equipment

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- br = brown
- gn = green
- bl = blue
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- vi = purple
- ge = yellow
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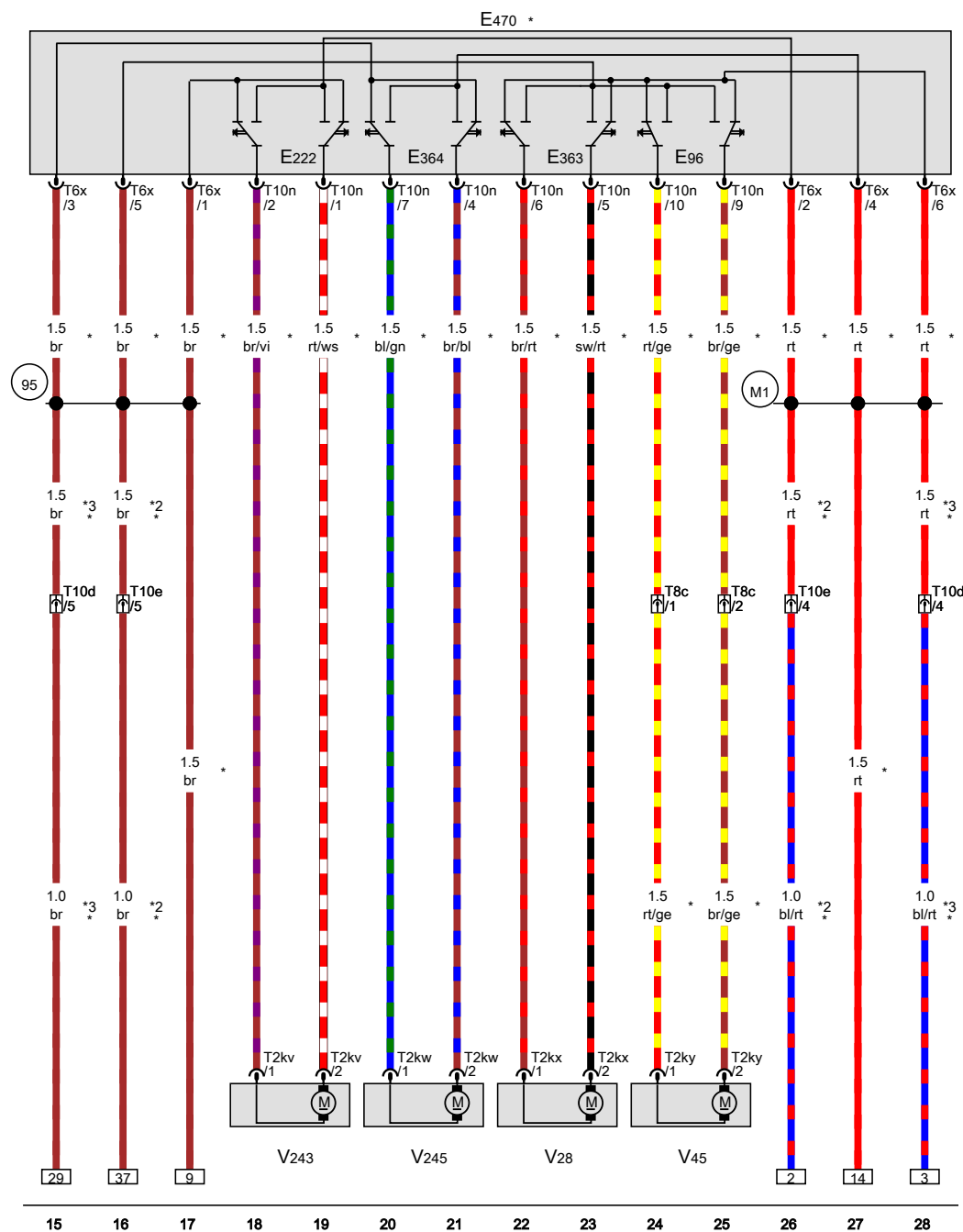
Adjustable lumbar support with electric adjustable seat , (3PB),(7P1)

From March 2012



Driver seat lumbar support adjustment switch, Fuse 1 on fuse holder A, Fuse 4 on fuse holder A, Fuse holder C

- E176 Driver seat lumbar support adjustment switch
- SA Fuse holder A
- SA1 Fuse 1 on fuse holder A
- SA4 Fuse 4 on fuse holder A
- S131 Fuse 1
- S132 Fuse 2
- SC Fuse holder C
- SC2 Fuse 2 on fuse holder C
- SC20 Fuse 20 on fuse holder C
- SC45 Fuse 45 on fuse holder C
- T2kt 2-pin connector
- T2ku 2-pin connector
- T6o 6-pin connector
- T8c 8-pin connector, in driver seat
- V125 Driver seat lumbar support longitudinal adjustment motor
- V129 Driver seat lumbar support height adjustment motor
- B323 Positive connection 9 (30a) in main wiring harness



Driver seat adjustment operating unit

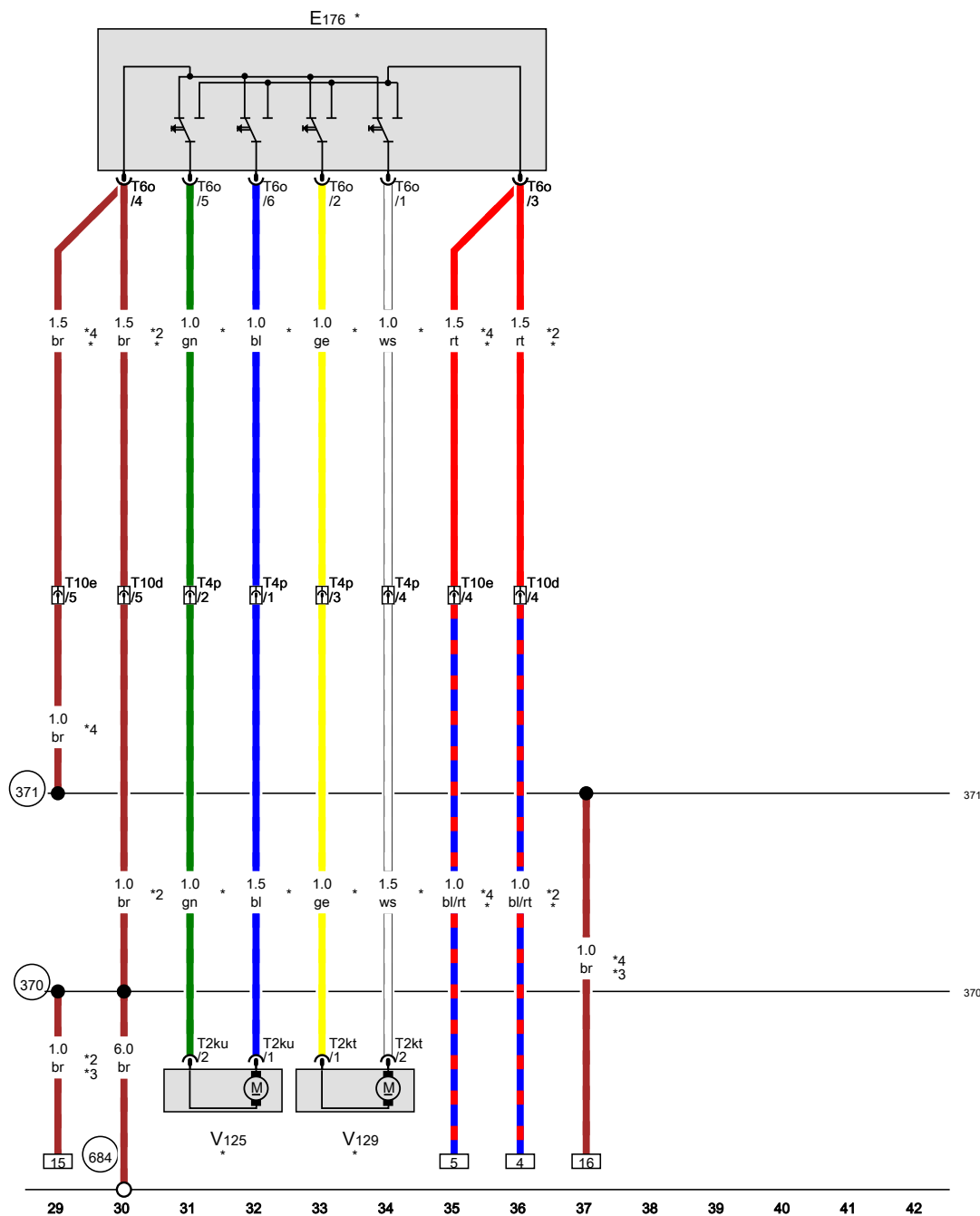
- E96 Driver seat backrest adjustment switch
- E222 Driver seat rake adjustment switch
- E363 Driver seat longitudinal adjustment switch
- E364 Driver seat height adjustment switch
- E470 Driver seat adjustment operating unit
- T2kv 2-pin connector
- T2kw 2-pin connector
- T2kx 2-pin connector
- T2ky 2-pin connector
- T6x 6-pin connector
- T8c 8-pin connector, in driver seat
- T10d 10-pin connector, in coupling point for front seat, left
- T10e 10-pin connector, in coupling point for front seat, right
- T10n 10-pin connector
- V28 Driver seat longitudinal adjustment motor
- V45 Driver seat backrest adjustment motor
- V243 Driver seat rake adjustment motor
- V245 Driver seat height adjustment motor

95 Earth connection 1, in seat adjustment wiring harness

M1 Positive connection 1 (30), in seat adjustment wiring harness

- * For models with electric seat adjustment on driver side
- *2 For right-hand drive models
- *3 For left-hand drive models

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
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Driver seat lumbar support adjustment switch

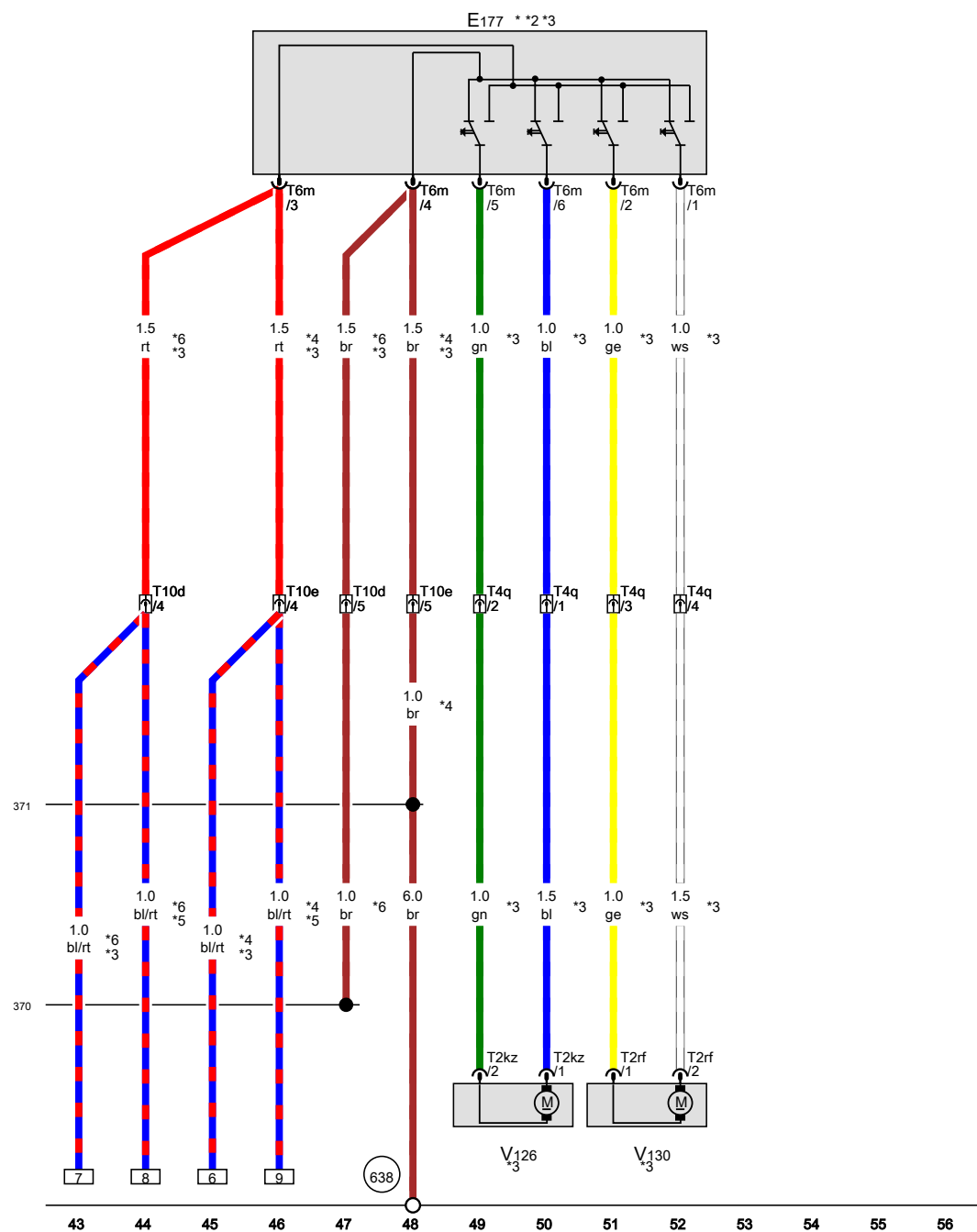
- E176 Driver seat lumbar support adjustment switch
- T2kt 2-pin connector
- T2ku 2-pin connector
- T4p 4-pin connector
- T6o 6-pin connector
- T10d 10-pin connector, in coupling point for front seat, left
- T10e 10-pin connector, in coupling point for front seat, right
- V125 Driver seat lumbar support longitudinal adjustment motor
- V129 Driver seat lumbar support height adjustment motor

370 Earth connection 5, in main wiring harness

371 Earth connection 6, in main wiring harness

684 Earth point on front of left side member

- * For models with no electrically adjustable seat on driver side
- *2 For left-hand drive models
- *3 For models with electric seat adjustment on driver side
- *4 For right-hand drive models



Front passenger seat lumbar support adjustment switch

- E177 Front passenger seat lumbar support adjustment switch
- T2kz 2-pin connector
- T2rf 2-pin connector
- T4q 4-pin connector
- T6m 6-pin connector
- T10d 10-pin connector, in coupling point for front seat, left
- T10e 10-pin connector, in coupling point for front seat, right
- V126 Front passenger seat lumbar support longitudinal adjustment motor
- V130 Front passenger seat lumbar support height adjustment motor

370 Earth connection 5, in main wiring harness

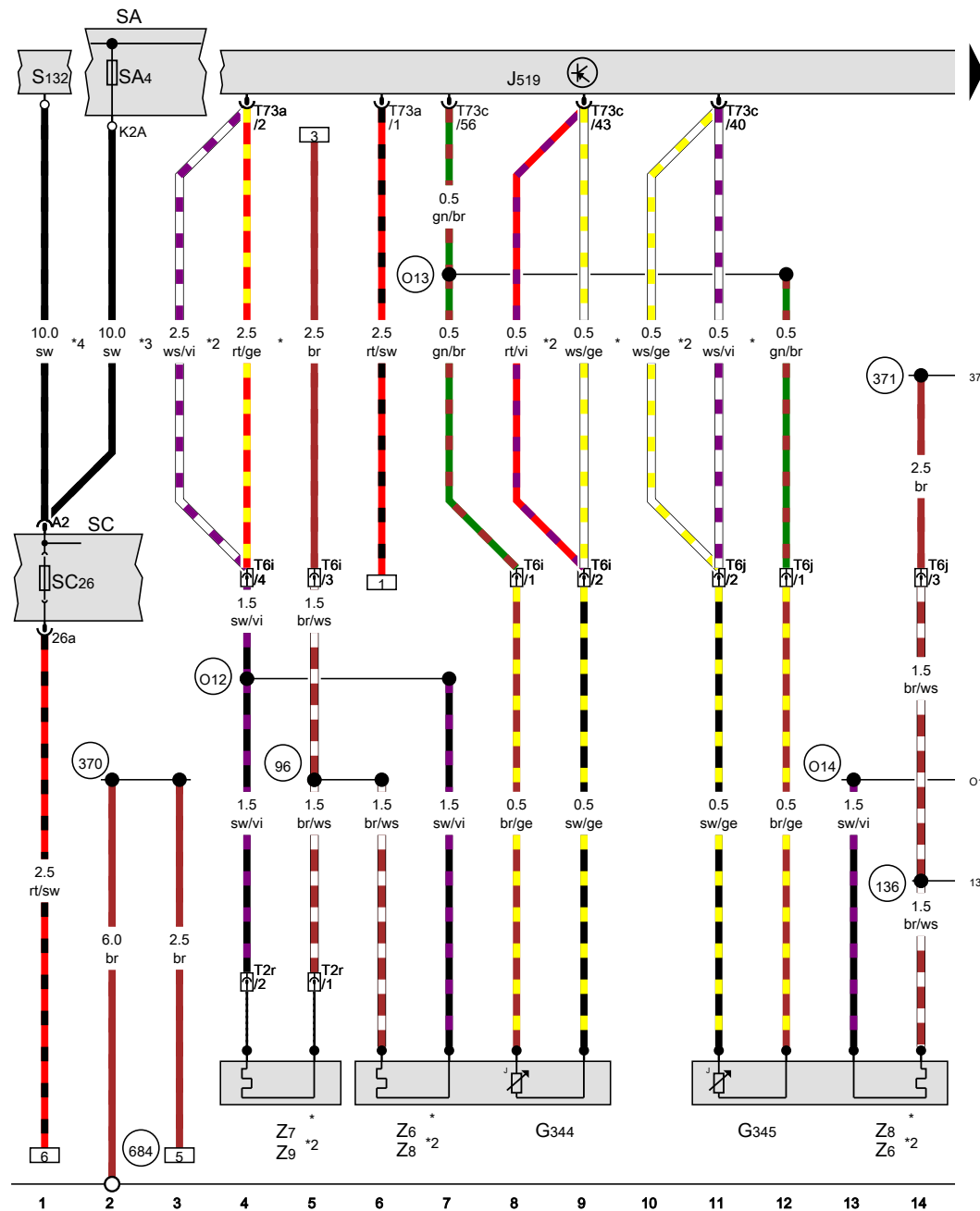
371 Earth connection 6, in main wiring harness

638 Earth point, on right A-pillar

- * For models with no US equipment
- *2 For models with no equipment for China
- *3 For models with no electrically adjustable seat on driver side
- *4 For left-hand drive models
- *5 For models with adjustable lumbar support
- *6 For right-hand drive models

Seat heating , (4A3)

From March 2012



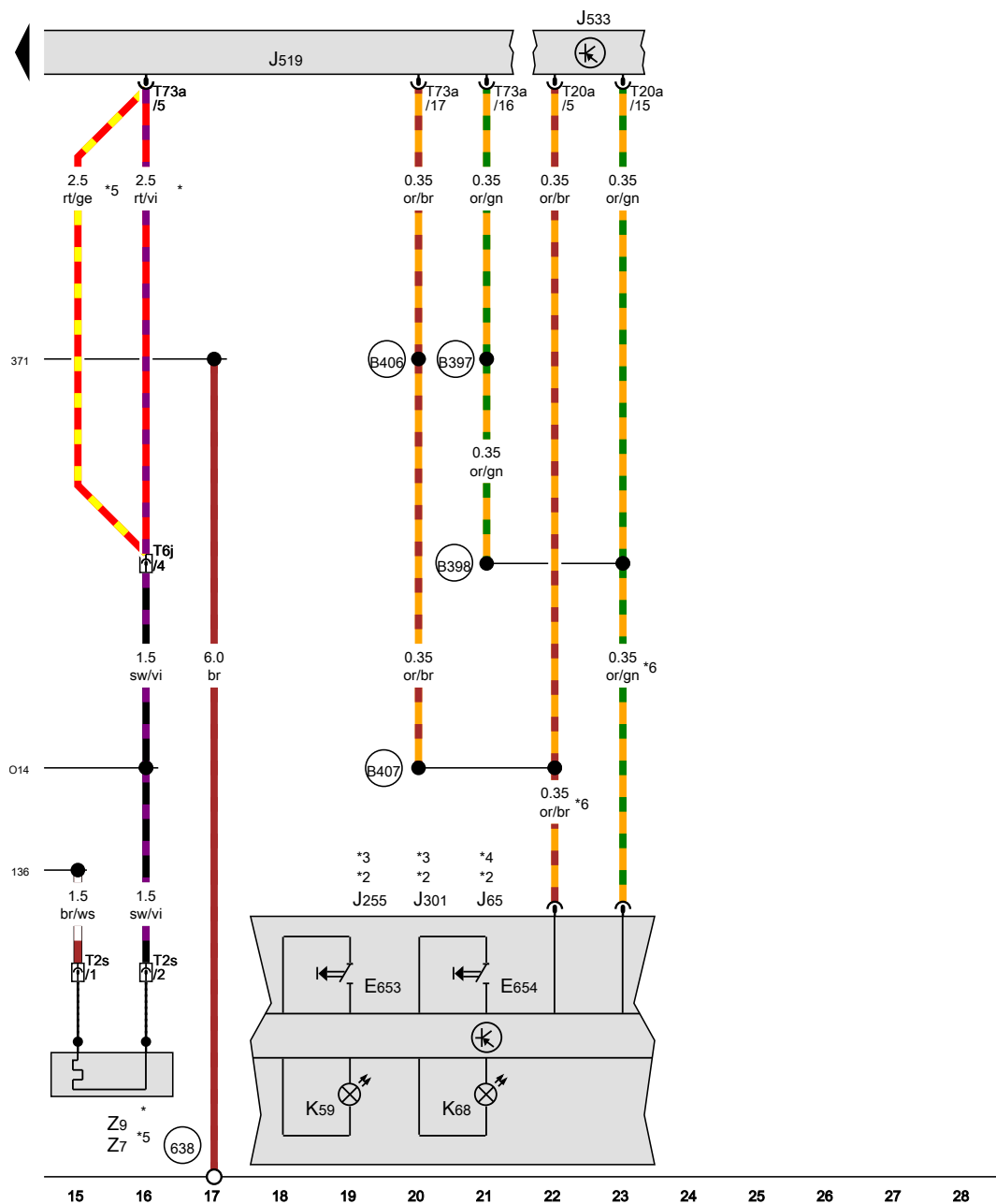
Front left seat temperature sender, Onboard supply control unit, Fuse holder C, Heated seat cushion for driver seat, Heated backrest for driver seat, Heated seat cushion for front passenger seat

- G344 Front left seat temperature sender
- G345 Front right seat temperature sender
- J519 Onboard supply control unit
- S132 Fuse 2
- SA Fuse holder A
- SA4 Fuse 4 on fuse holder A
- SC Fuse holder C
- SC26 Fuse 26 on fuse holder C
- T2r 2-pin connector
- T6i 6-pin connector
- T6j 6-pin connector
- T73a 73-pin connector
- T73c 73-pin connector
- Z6 Heated seat cushion for driver seat
- Z7 Heated backrest for driver seat
- Z8 Heated seat cushion for front passenger seat
- Z9 Heated backrest for front passenger seat

- 96 Earth connection 1, in seat heating wiring harness
- 136 Earth connection 2, in seat heating wiring harness
- 370 Earth connection 5, in main wiring harness
- 371 Earth connection 6, in main wiring harness
- 684 Earth point on front of left side member
- O12 Connection 1, in seat heating wiring harness
- O13 Connection 2, in seat heating wiring harness
- O14 Connection 3, in seat heating wiring harness

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 gr = grey
 li = purple
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 rs = pink

- * Only left-hand drive models
- *2 Only right-hand drive models
- *3 Not for RS 3 models
- *4 Only for RS 3 models



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Button for left seat heating, Button for right seat heating, Onboard supply control unit, Data bus diagnostic interface, Heated driver seat warning lamp, Heated front passenger seat warning lamp, Heated backrest for front passenger seat

- E653 Button for left seat heating
- E654 Button for right seat heating
- J65 Heater control unit
- J255 Climatronic control unit
- J301 Air conditioning system control unit
- J519 Onboard supply control unit
- J533 Data bus diagnostic interface
- K59 Heated driver seat warning lamp
- K68 Heated front passenger seat warning lamp
- T2s 2-pin connector
- T6j 6-pin connector
- T20a 20-pin connector
- T73a 73-pin connector
- Z7 Heated backrest for driver seat
- Z9 Heated backrest for front passenger seat

- 136 Earth connection 2, in seat heating wiring harness
- 371 Earth connection 6, in main wiring harness
- 638 Earth point, on right A-pillar
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness
- O14 Connection 3, in seat heating wiring harness

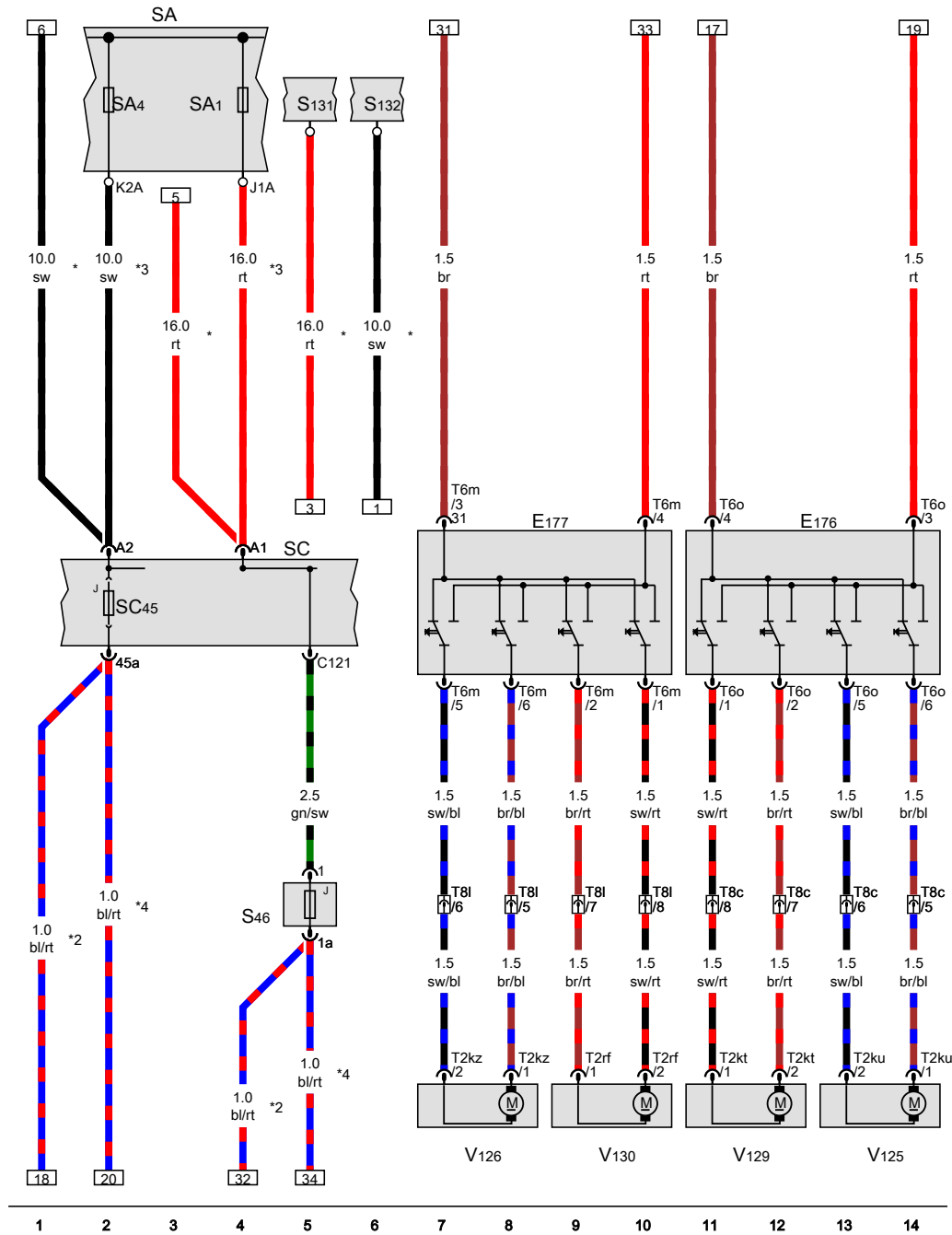
- * Only left-hand drive models
- *2 According to equipment
- *3 see applicable current flow diagram for air conditioning
- *4 see applicable current flow diagram for manually controlled heater
- *5 Only right-hand drive models
- *6 see applicable current flow diagram

Adjustable driver and front passenger seats , (3L5)

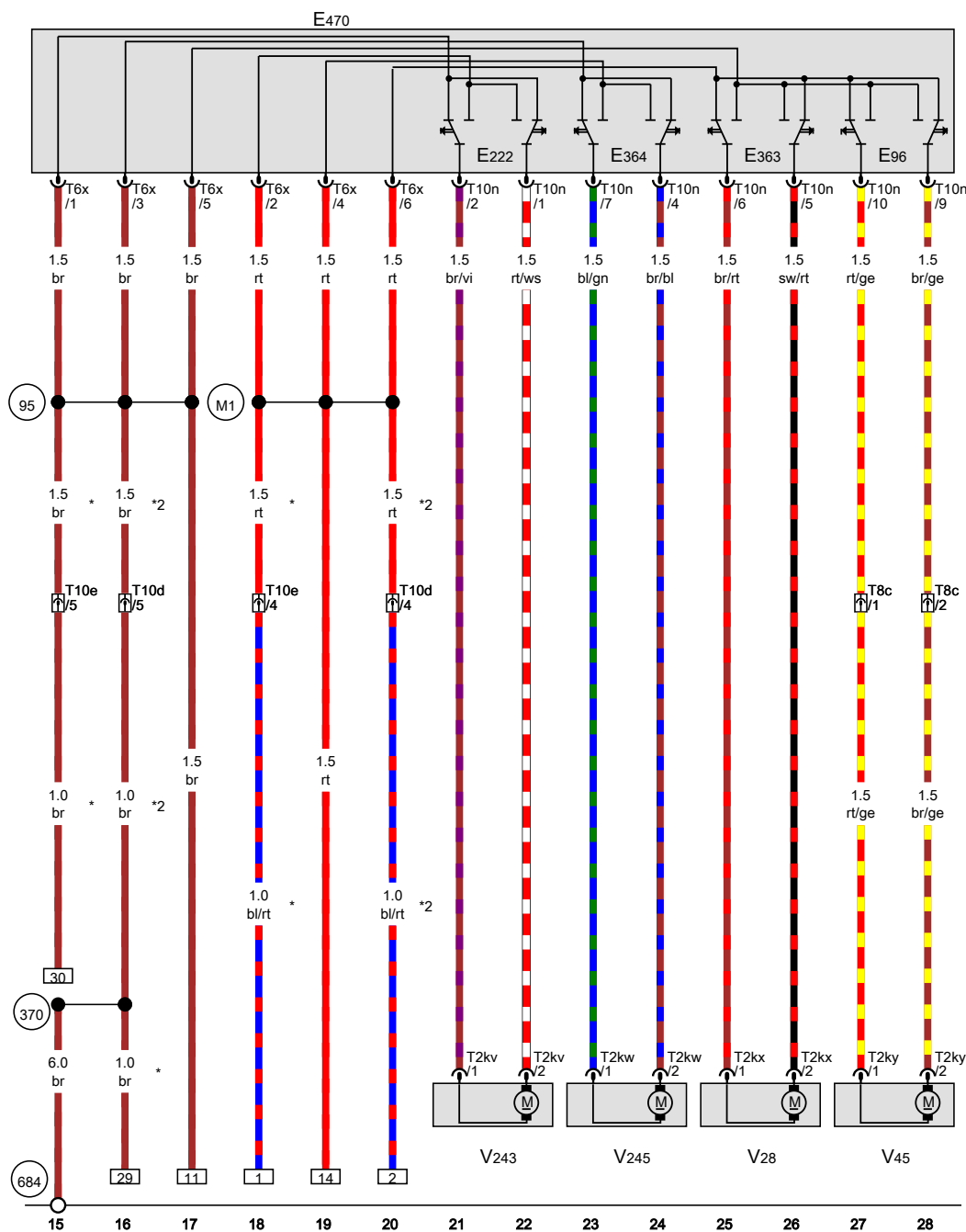
From March 2012



Driver seat lumbar support adjustment switch, Front passenger seat lumbar support adjustment switch, Front passenger seat adjustment thermal fuse 1, Fuse holder C



[8V1-023020517]

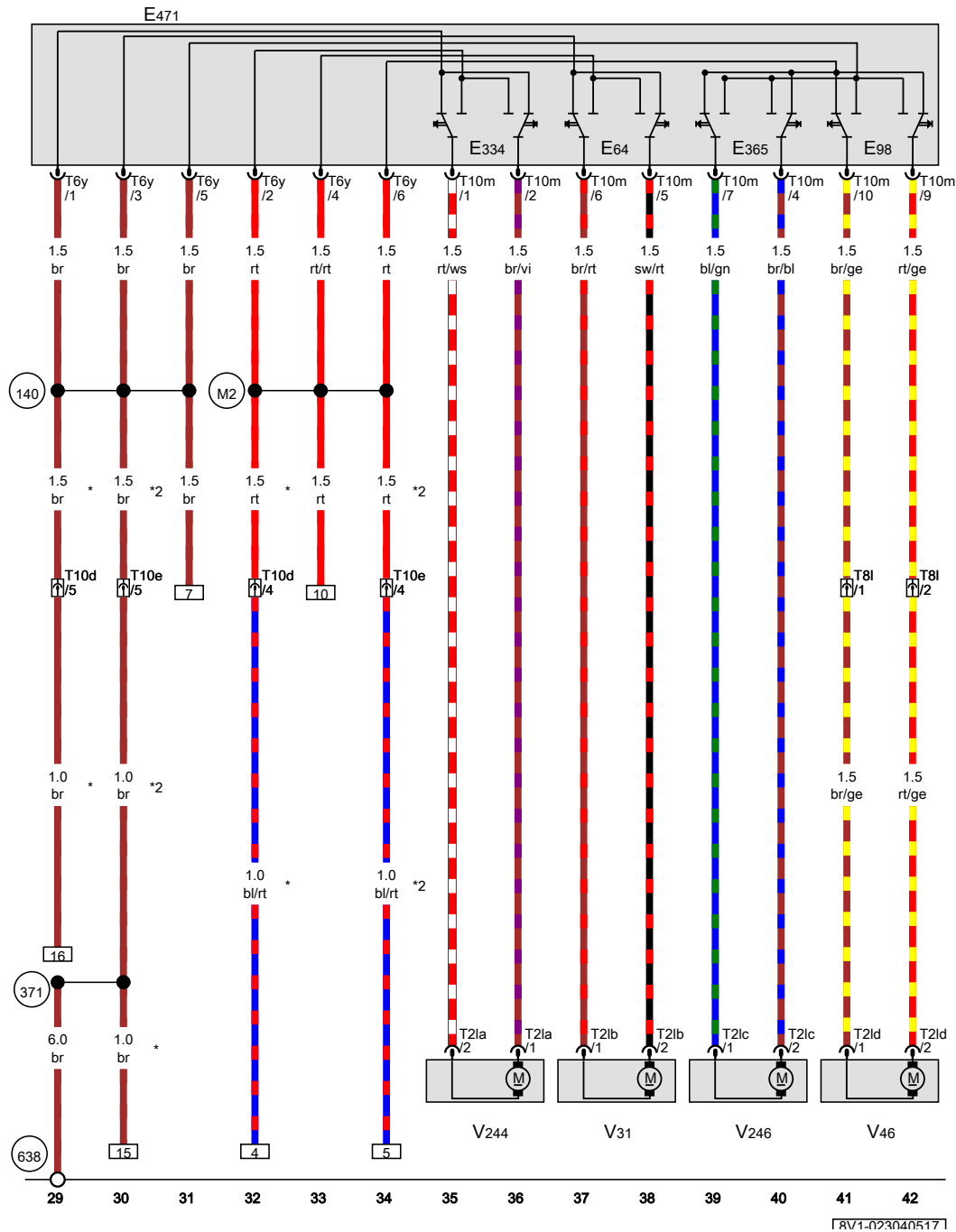


Driver seat adjustment operating unit

- E96 Driver seat backrest adjustment switch
- E222 Driver seat rake adjustment switch
- E363 Driver seat longitudinal adjustment switch
- E364 Driver seat height adjustment switch
- E470 Driver seat adjustment operating unit
- T2kv 2-pin connector
- T2kw 2-pin connector
- T2kx 2-pin connector
- T2ky 2-pin connector
- T6x 6-pin connector
- T8c 8-pin connector, in driver seat
- T10d 10-pin connector, in coupling point for front seat, left
- T10e 10-pin connector, in coupling point for front seat, right
- T10n 10-pin connector
- V28 Driver seat longitudinal adjustment motor
- V45 Driver seat backrest adjustment motor
- V243 Driver seat rake adjustment motor
- V245 Driver seat height adjustment motor

- 95 Earth connection 1, in seat adjustment wiring harness
- 370 Earth connection 5, in main wiring harness
- 684 Earth point on front of left side member
- M1 Positive connection 1 (30), in seat adjustment wiring harness
- * For right-hand drive models
- *2 For left-hand drive models

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Front passenger seat adjustment operating unit

- E64 Front passenger seat longitudinal adjustment switch
- E98 Front passenger seat backrest adjustment switch
- E334 Front passenger seat rake adjustment button
- E365 Front passenger seat height adjustment switch
- E471 Front passenger seat adjustment operating unit
- T2la 2-pin connector
- T2lb 2-pin connector
- T2lc 2-pin connector
- T2ld 2-pin connector
- T6y 6-pin connector
- T8l 8-pin connector, in front passenger seat
- T10d 10-pin connector, in coupling point for front seat, left
- T10e 10-pin connector, in coupling point for front seat, right
- T10m 10-pin connector
- V31 Front passenger seat longitudinal adjustment motor
- V46 Front passenger seat backrest adjustment motor
- V244 Front passenger seat rake adjustment motor
- V246 Front passenger seat height adjustment motor

- 140 Earth connection 2, in seat adjustment wiring harness
- 371 Earth connection 6, in main wiring harness
- 638 Earth point, on right A-pillar
- M2 Positive connection 2 (30), in seat adjustment wiring harness
- * For right-hand drive models
- *2 For left-hand drive models

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[AV1-023040517]

Interface for special functions , (7G9)

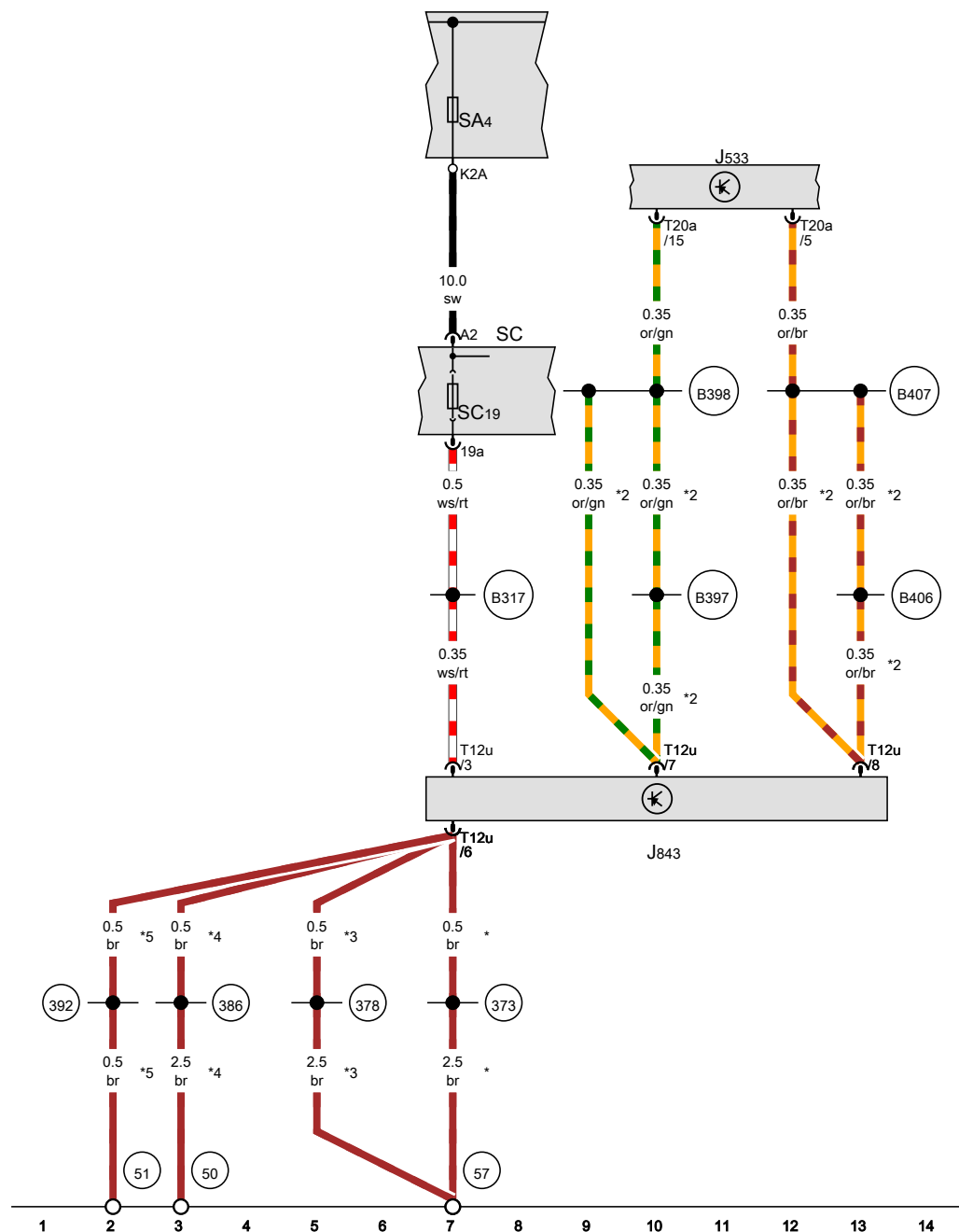
From March 2012

Data bus diagnostic interface, Interface control unit for vehicle location system, Fuse holder C

- J533 Data bus diagnostic interface
- J843 Interface control unit for vehicle location system
- SA4 Fuse 4 in fuse holder A
- SC Fuse holder C
- SC19 Fuse 19 on fuse holder C
- T12u 12-pin connector
- T20a 20-pin connector

- 50 Earth point, on left in luggage compartment
- 51 Earth point, on right in luggage compartment
- 57 Earth point, rear left pillar
- 373 Earth connection 8, in main wiring harness
- 378 Earth connection 13, in main wiring harness
- 386 Earth connection 21, in main wiring harness
- 392 Earth connection 27, in main wiring harness
- B317 Positive connection 3 (30a) in main wiring harness
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness
- * Only models with 3-doors
- *2 According to equipment
- *3 Only models with 5-doors
- *4 Only models with 4-doors
- *5 Only Cabriolet models

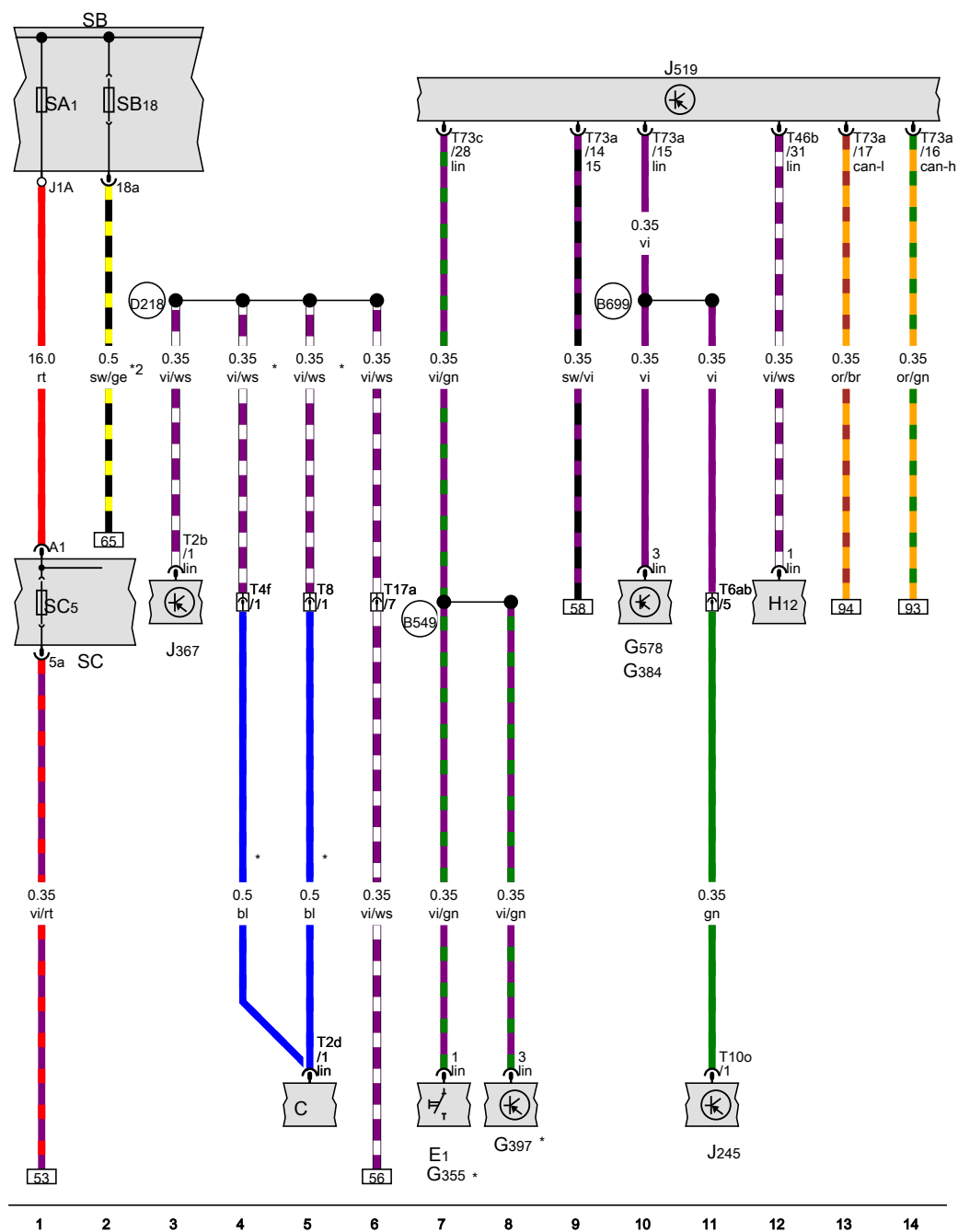
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18V1-0240203161

Data bus network

From March 2012

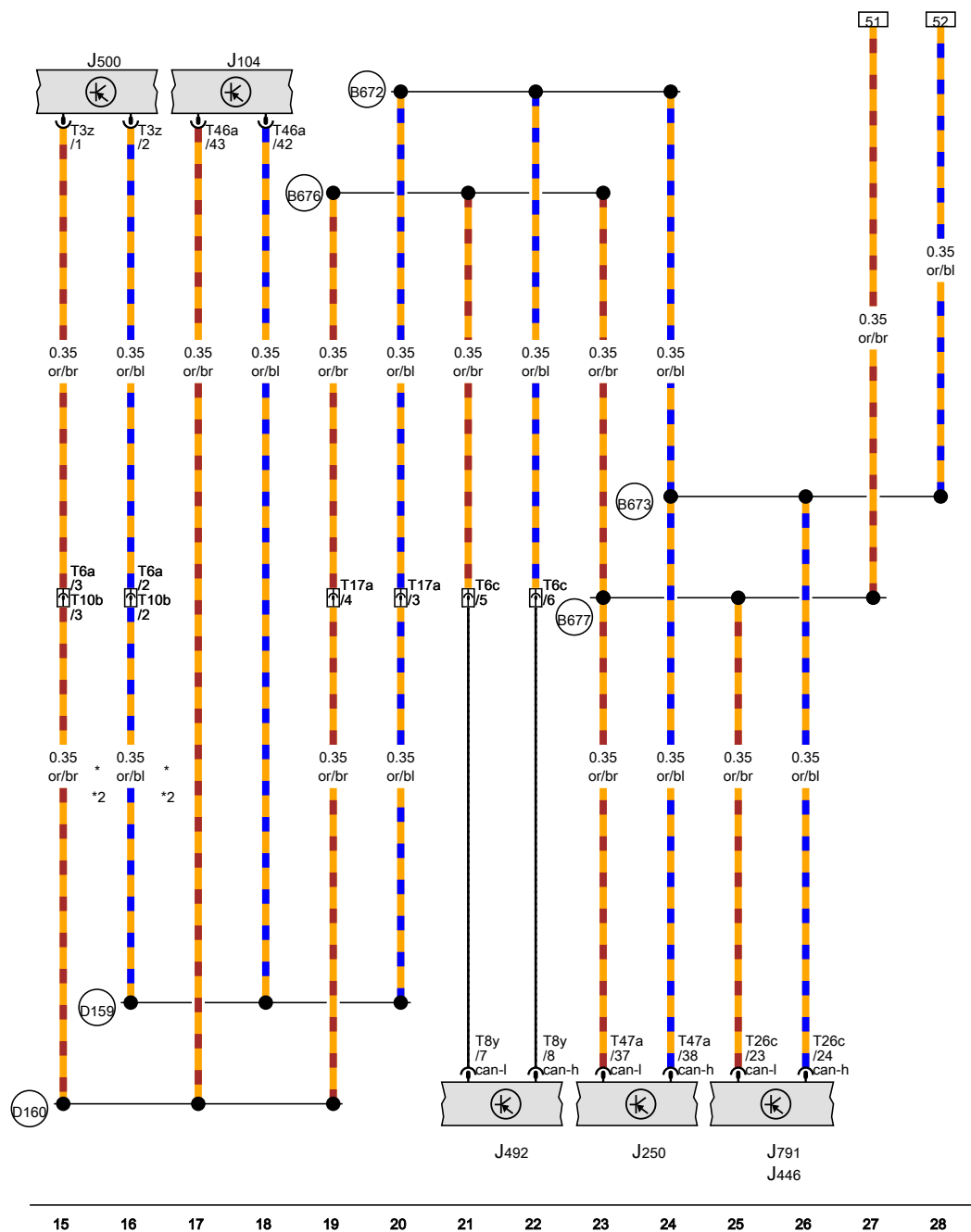


Light switch, Vehicle inclination sender, Rain and light sensor, Anti-theft alarm sensor, Alarm horn, Sliding sunroof adjustment control unit, Battery monitor control unit, Fuse holder C

- C Alternator
- E1 Light switch
- G355 Humidity sender
- G384 Vehicle inclination sender
- G397 Rain and light sensor
- G578 Anti-theft alarm sensor
- H12 Alarm horn
- J245 Sliding sunroof adjustment control unit
- J367 Battery monitor control unit
- J519 Onboard supply control unit
- SA1 Fuse 1 on fuse holder A
- SB Fuse holder B
- SC Fuse holder C
- SC5 Fuse 5 on fuse holder C
- SB18 Fuse 18 on fuse holder B
- T2b 2-pin connector
- T2d 2-pin connector
- T4f 4-pin connector
- T6ab 6-pin connector
- T8 8-pin connector
- T10o 10-pin connector
- T17a 17-pin connector, on lower section of left A-pillar
- T46b 46-pin connector
- T73a 73-pin connector
- T73c 73-pin connector
- B549 Connection 2 (LIN bus) in main wiring harness
- B699 Connection 4 (LIN bus) in main wiring harness
- D218 Connection 1 (LIN bus) in engine compartment wiring harness
- * According to equipment
- *2 For models with no start/stop system

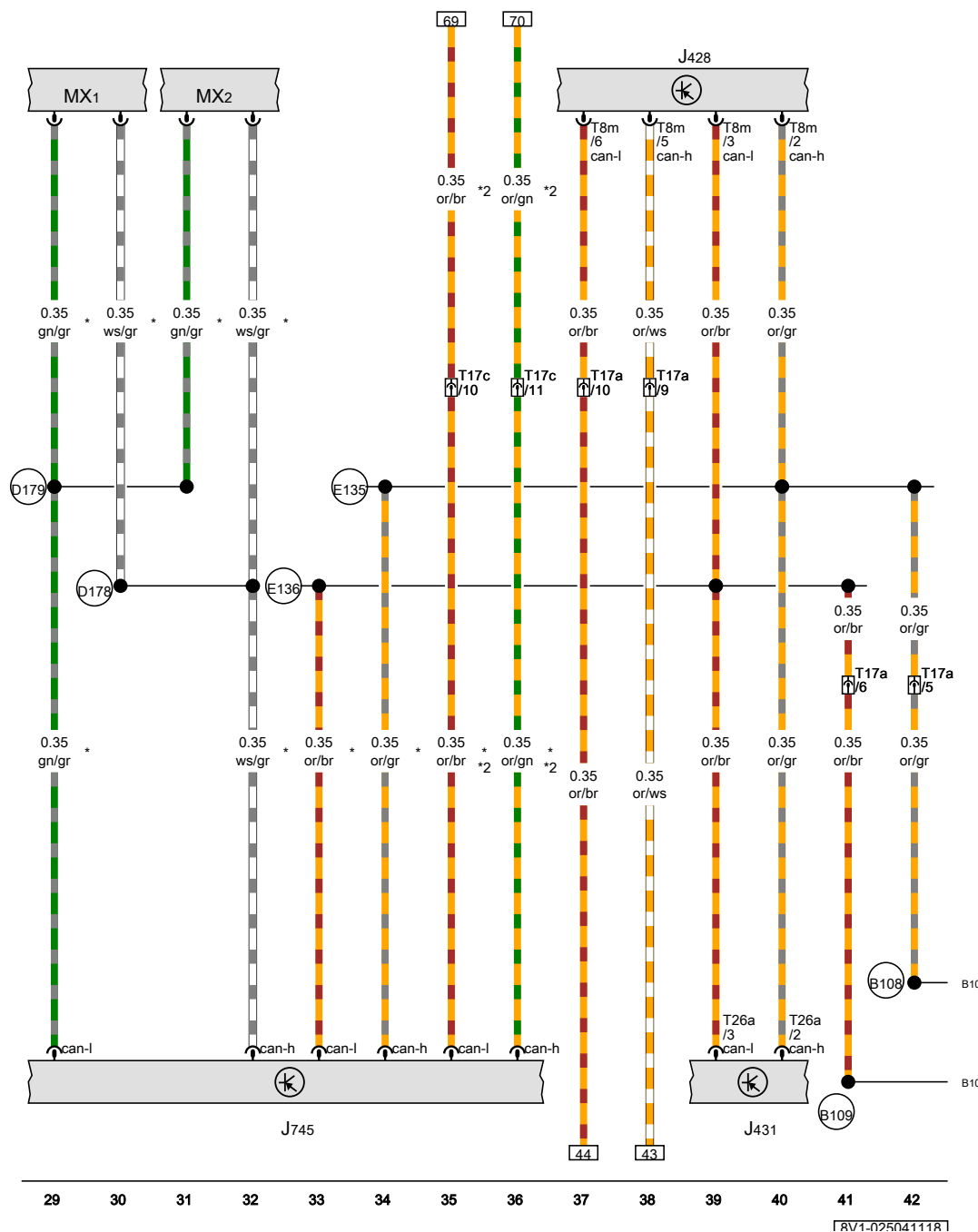
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18V1-0250211181



ABS control unit, Electronically controlled damping control unit, Parking aid control unit, All-wheel drive control unit, Power steering control unit, Park assist steering control unit

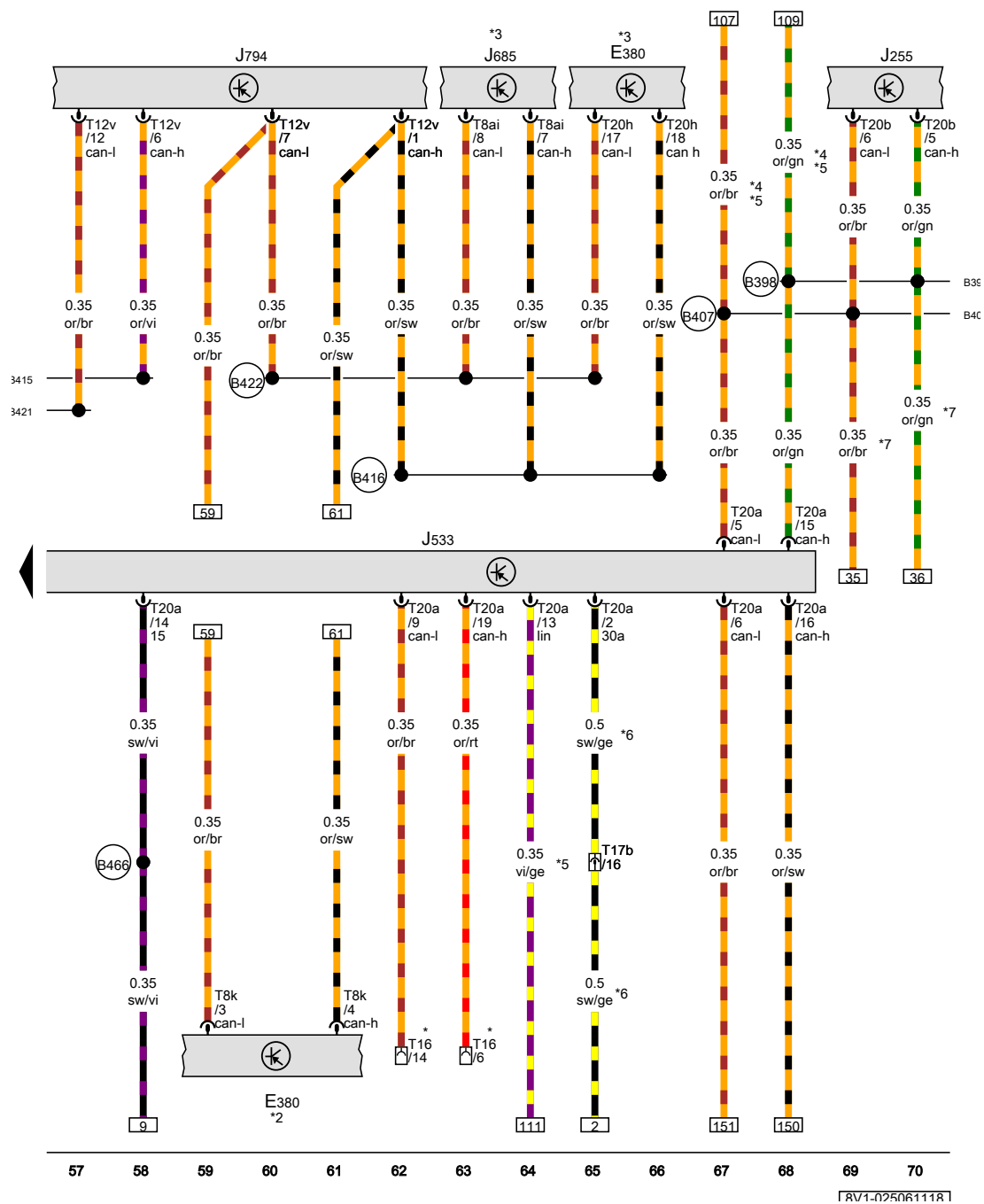
- J104 ABS control unit
- J250 Electronically controlled damping control unit
- J446 Parking aid control unit
- J492 All-wheel drive control unit
- J500 Power steering control unit
- J791 Park assist steering control unit
- T3z 3-pin connector
- T6a 6-pin connector, near front left longitudinal member
- T6c 6-pin connector
- T8y 8-pin connector
- T17a 17-pin connector, on lower section of left A-pillar
- T26c 26-pin connector
- T46a 46-pin connector
- T47a 47-pin connector
- B672 Connection 1 (running gear/dash panel insert CAN bus, high), in main wiring harness
- B673 Connection 2 (running gear/dash panel insert CAN bus, high), in main wiring harness
- B676 Connection 1 (running gear/dash panel insert CAN bus, low), in main wiring harness
- B677 Connection 2 (running gear/dash panel insert CAN bus, low), in main wiring harness
- D159 Connection (high bus), in engine compartment wiring harness
- D160 Connection (low bus), in engine compartment wiring harness
- * For models with petrol engine
- *2 For models with diesel engine



Adaptive cruise control unit, Headlight range control unit, Control unit for cornering light and headlight range control, Front left headlight, Front right headlight

- J428 Adaptive cruise control unit
- J431 Headlight range control unit
- J745 Control unit for cornering light and headlight range control
- MX1 Front left headlight
- MX2 Front right headlight
- T8m 8-pin connector
- T17a 17-pin connector, on lower section of left A-pillar
- T17c 17-pin connector, on lower section of left A-pillar
- T26a 26-pin connector

- B108 Connection 1 (CAN bus extended high), in main wiring harness
- B109 Connection 1 (CAN bus extended low), in main wiring harness
- D178 Connection 2 (high bus), in engine compartment wiring harness
- D179 Connection 2 (low bus), in engine compartment wiring harness
- E135 Connection (CAN bus extended high), in engine compartment wiring harness
- E136 Connection (CAN bus extended low), in engine compartment wiring harness
- * see applicable current flow diagram for headlights
- *2 According to equipment

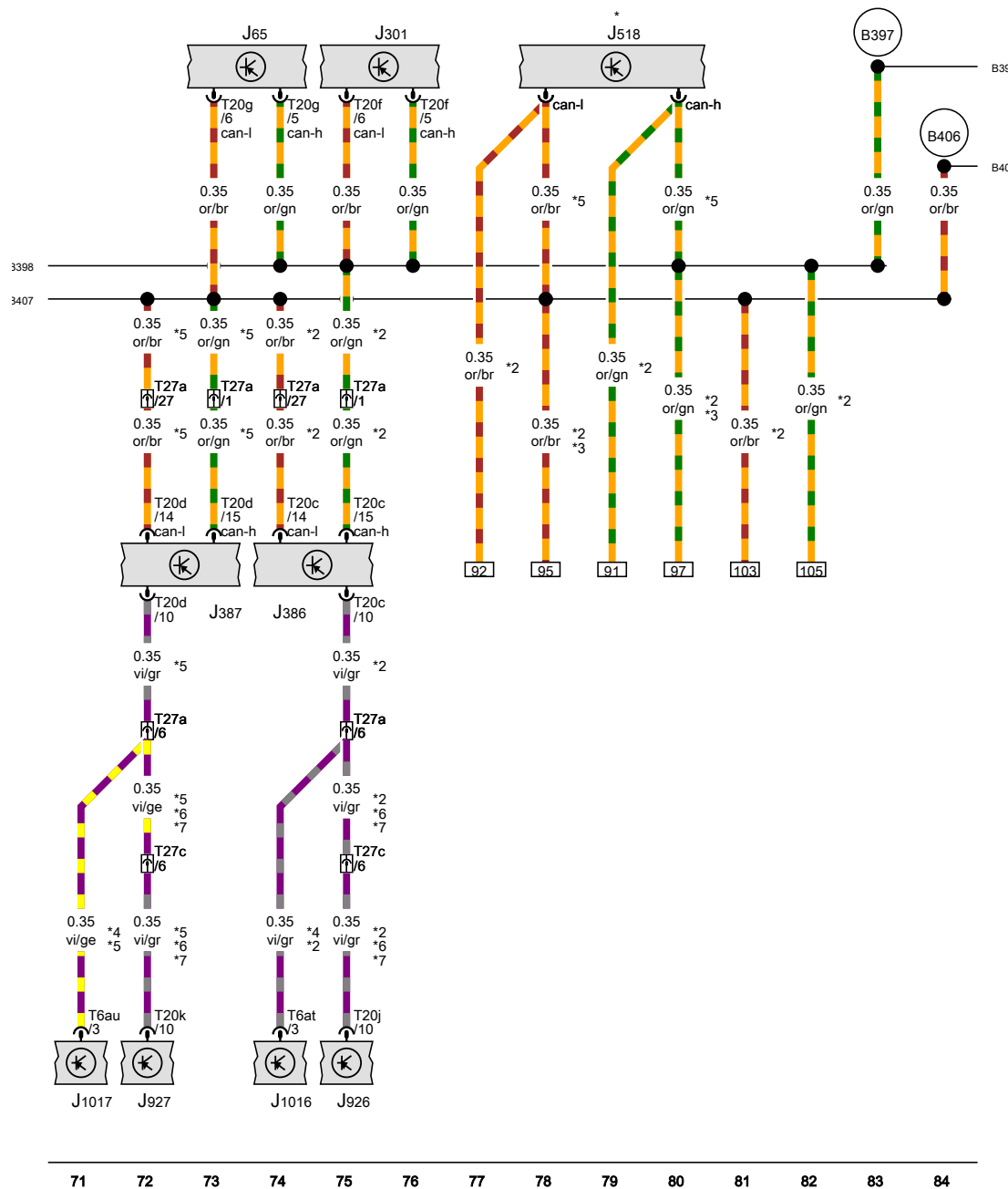


Multimedia system operating unit, Climatronic control unit, Data bus diagnostic interface, Display unit for front information display and operating unit control unit, Control unit 1 for information electronics

- E380 Multimedia system operating unit
- J255 Climatronic control unit
- J533 Data bus diagnostic interface
- J685 Display unit for front information display and operating unit control unit
- J794 Control unit 1 for information electronics
- T8ai 8-pin connector
- T8k 8-pin connector
- T12v 12-pin connector
- T16 16-pin connector
- T17b 17-pin connector
- T20a 20-pin connector
- T20b 20-pin connector
- T20h 20-pin connector
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness
- B415 Connection 1 (infotainment CAN bus, high), in main wiring harness
- B416 Connection 2 (infotainment CAN bus, high), in main wiring harness
- B421 Connection 1 (infotainment CAN bus, low), in main wiring harness
- B422 Connection 2 (infotainment CAN bus, low), in main wiring harness
- B466 Connection 2, in main wiring harness

- * Diagnostic connection
- *2 For models with radio
- *3 For models with MMI
- *4 For right-hand drive models
- *5 see applicable current flow diagram for steering column electronics
- *6 For models with no start/stop system
- *7 According to equipment

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Heater control unit, Air conditioning system control unit, Driver door control unit, Front passenger door control unit, Entry and start authorisation control unit

- J65 Heater control unit
- J301 Air conditioning system control unit
- J386 Driver door control unit
- J387 Front passenger door control unit
- J518 Entry and start authorisation control unit
- J926 Rear driver side door control unit
- J927 Rear passenger side door control unit
- J1016 Control unit with rear driver side window regulator motor
- J1017 Control unit with rear passenger side window regulator motor
- T6at 6-pin connector
- T6au 6-pin connector
- T20c 20-pin connector
- T20d 20-pin connector
- T20f 20-pin connector
- T20g 20-pin connector
- T20j 20-pin connector
- T20k 20-pin connector
- T27a 27-pin connector, on right A-pillar
- T27c 27-pin connector

B397 Connection 1 (convenience CAN bus, high), in main wiring harness

B398 Connection 2 (convenience CAN bus, high), in main wiring harness

B406 Connection 1 (convenience CAN bus, low), in main wiring harness

B407 Connection 2 (convenience CAN bus, low), in main wiring harness

* see applicable current flow diagram for entry and start authorisation

*2 For right-hand drive models

*3 see applicable current flow diagram for dash panel insert

*4 For Cabriolet models

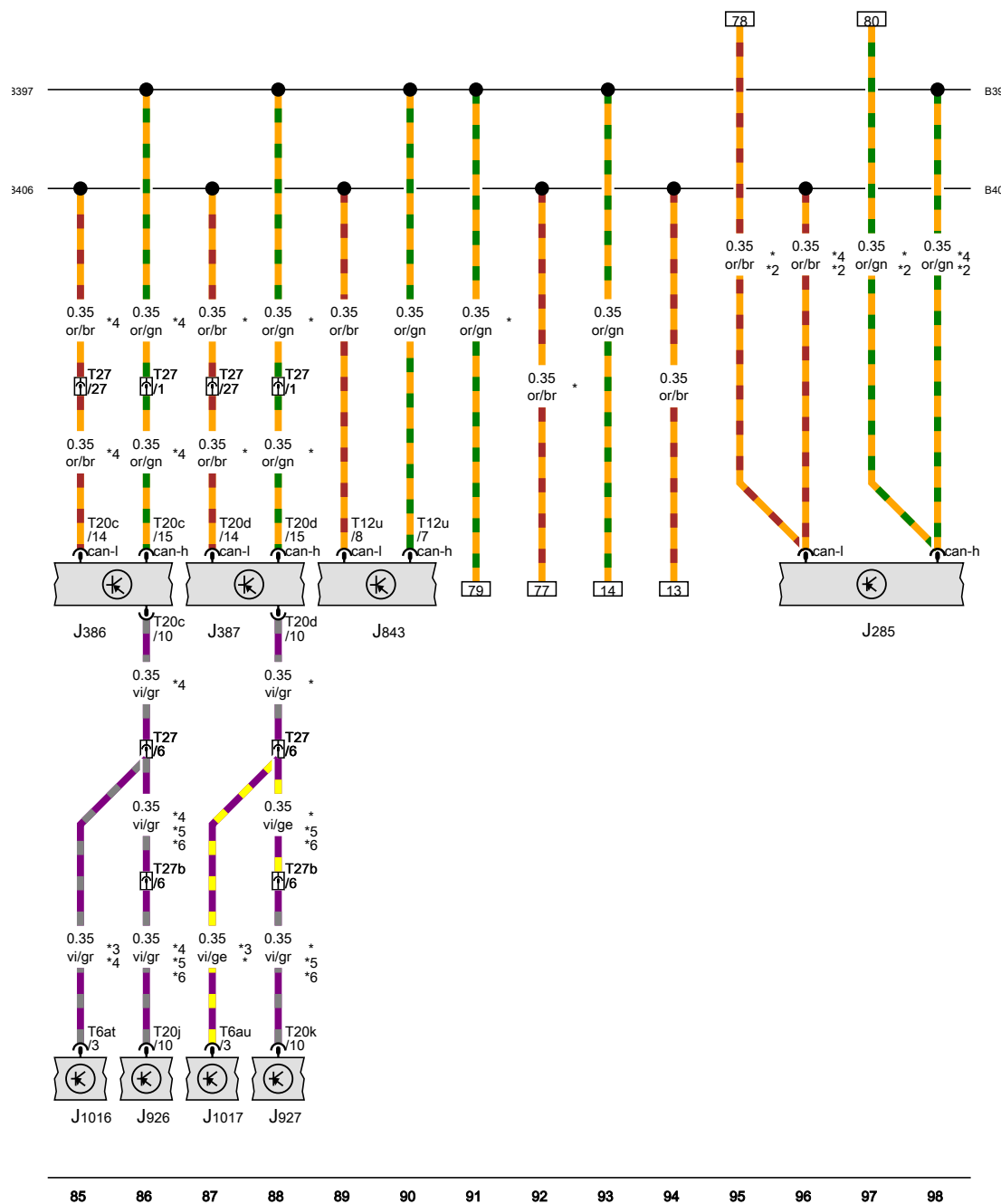
*5 For left-hand drive models

*6 For models with 5 doors

*7 For models with 4 doors

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18V1-0250711181



Control unit in dash panel insert, Driver door control unit, Front passenger door control unit, Interface control unit for vehicle location system

- J285 Control unit in dash panel insert
- J386 Driver door control unit
- J387 Front passenger door control unit
- J843 Interface control unit for vehicle location system
- J926 Rear driver side door control unit
- J927 Rear passenger side door control unit
- J1016 Control unit with rear driver side window regulator motor
- J1017 Control unit with rear passenger side window regulator motor
- T6at 6-pin connector
- T6au 6-pin connector
- T12u 12-pin connector
- T20c 20-pin connector
- T20d 20-pin connector
- T20j 20-pin connector
- T20k 20-pin connector
- T27 27-pin connector, on left A-pillar
- T27b 27-pin connector

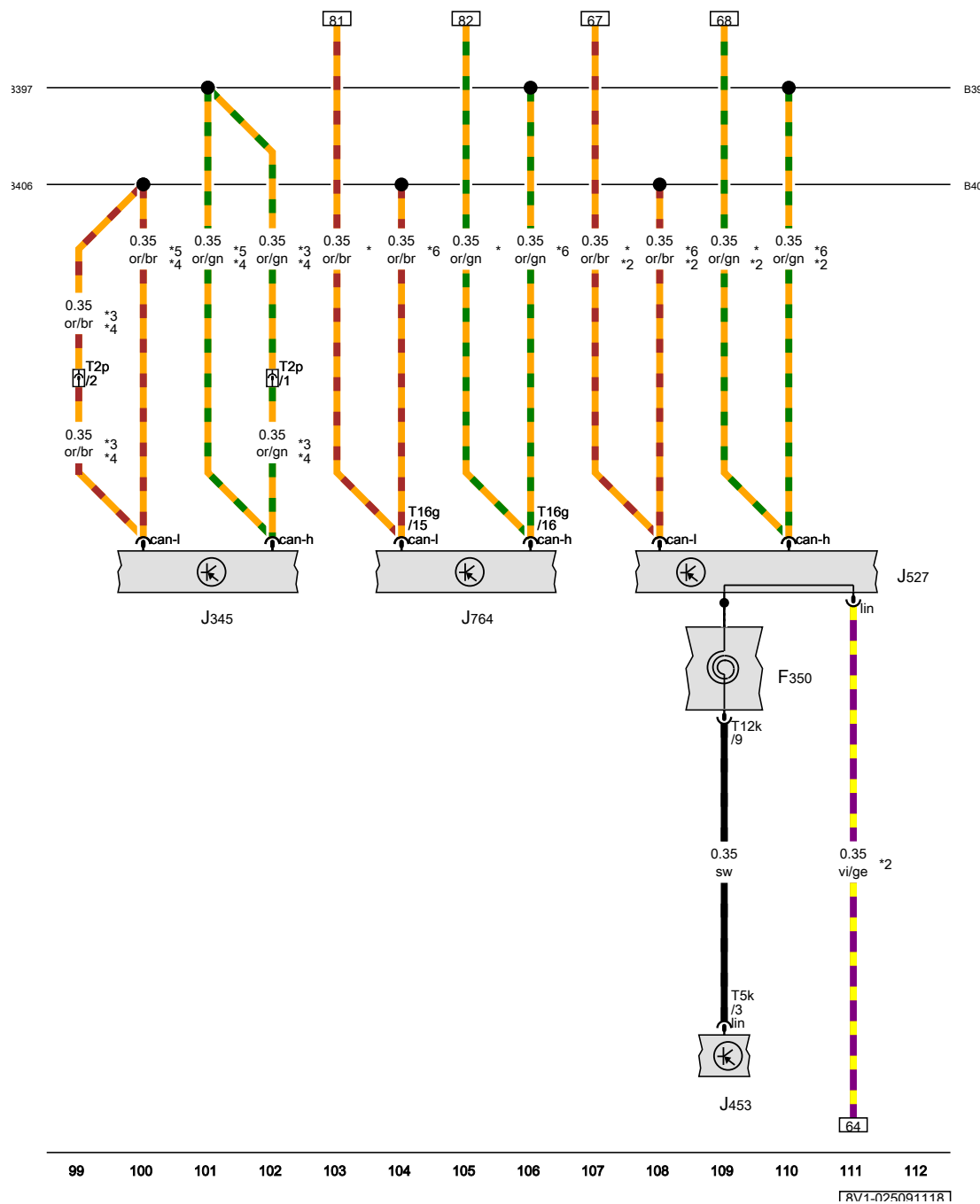
B397 Connection 1 (convenience CAN bus, high), in main wiring harness

B406 Connection 1 (convenience CAN bus, low), in main wiring harness

- * For right-hand drive models
- *2 see applicable current flow diagram for dash panel insert
- *3 For Cabriolet models
- *4 For left-hand drive models
- *5 For models with 5 doors
- *6 For models with 4 doors

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18V1-025081118



Trailer detector control unit, Multifunction steering wheel control unit, Steering column electronics control unit, Control unit for electronic steering column lock

- F350 Coil connector
- J345 Trailer detector control unit
- J453 Multifunction steering wheel control unit, in steering wheel
- J527 Steering column electronics control unit
- J764 Control unit for electronic steering column lock
- T2p 2-pin connector
- T5k 5-pin connector
- T12k 12-pin connector
- T16g 16-pin connector

B397 Connection 1 (convenience CAN bus, high), in main wiring harness

B406 Connection 1 (convenience CAN bus, low), in main wiring harness

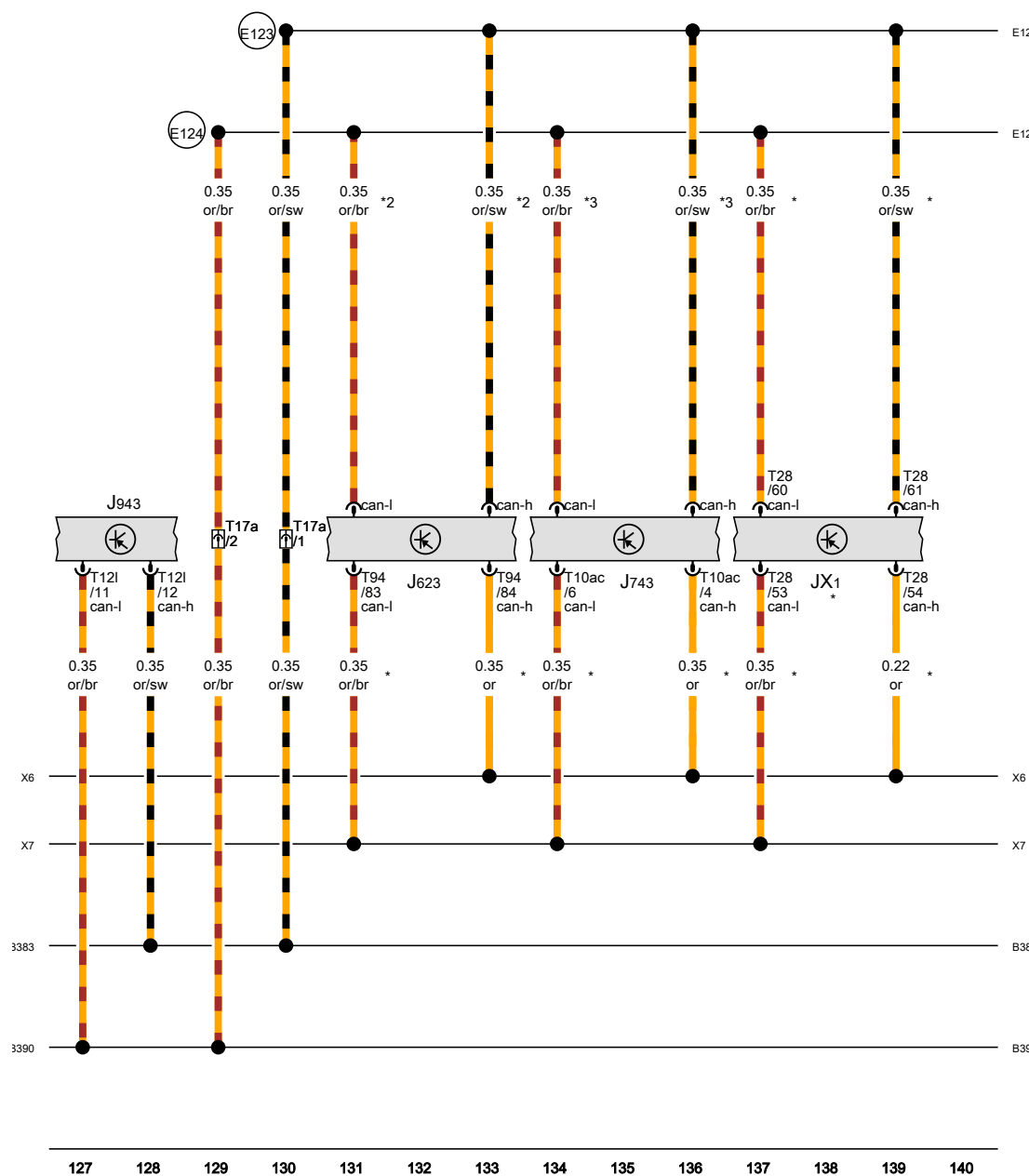
- * For right-hand drive models
- *2 see applicable current flow diagram for steering column electronics
- *3 For models with preparation for trailer coupling
- *4 see applicable current flow diagram for towing bracket
- *5 According to equipment
- *6 For left-hand drive models



AX1	Hybrid battery unit
E313	Selector lever
J256	Convertible roof actuation control unit
J949	Emergency call module control unit and communication unit
T10k	10-pin connector
T14k	14-pin connector, black
T14x	14-pin connector, black
T16q	16-pin connector
T17d	17-pin connector
T26e	26-pin connector, black
T26f	26-pin connector, black
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
B776	Connection 1 (hybrid CAN bus, high) in main wiring harness
B777	Connection 1 (hybrid CAN bus, low) in main wiring harness
X6	Connection 2 (CAN bus hybrid, high), in engine compartment wiring harness
X7	Connection 2 (CAN bus hybrid, low), in engine compartment wiring harness
*	For models with hybrid drive system
*2	For models with no hybrid drive system

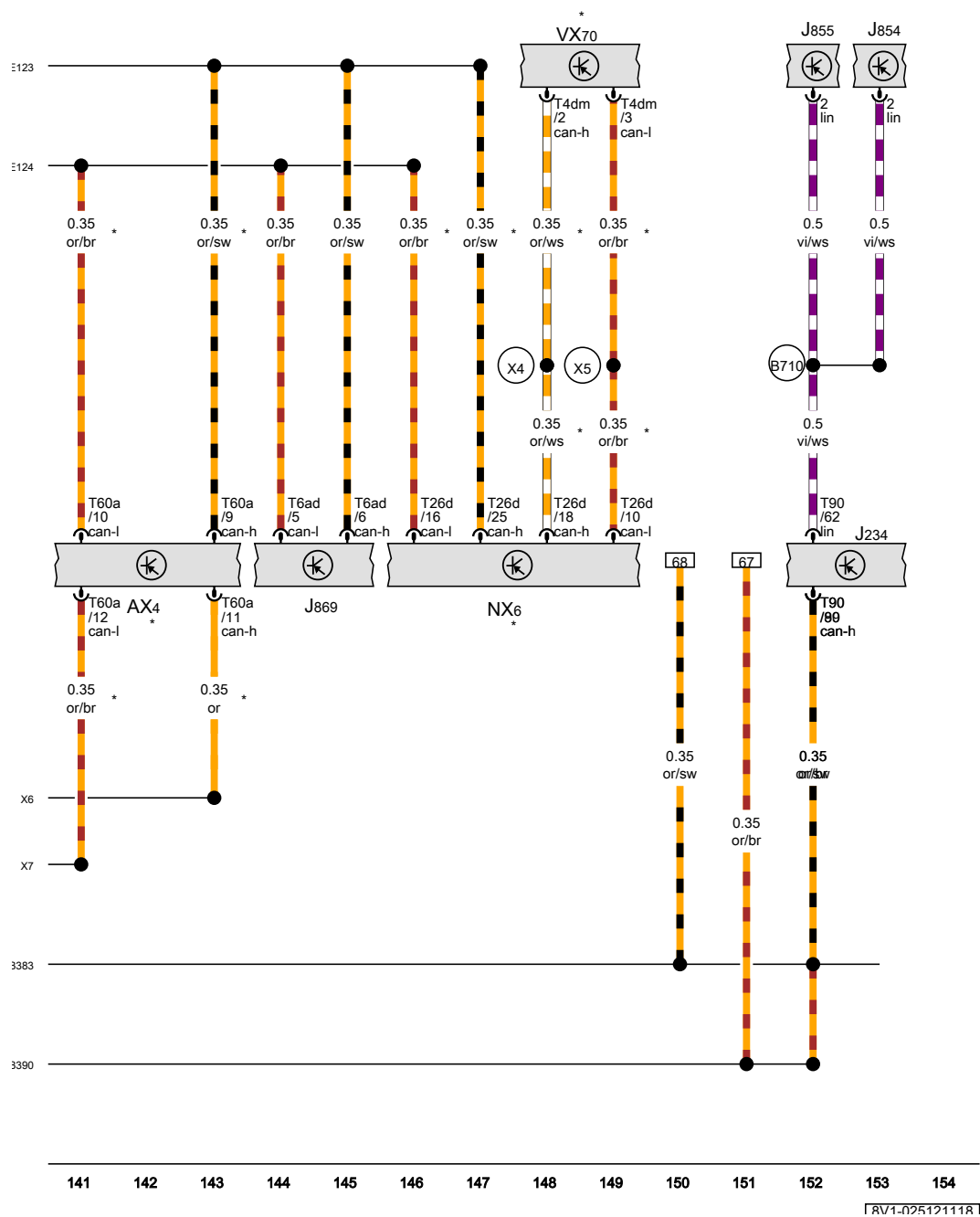
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Power and control electronics for electric drive, Engine/ motor control unit, Mechatronic unit for dual clutch gearbox



- JX1 Power and control electronics for electric drive
- J623 Engine/motor control unit
- J743 Mechatronic unit for dual clutch gearbox
- J943 Engine sound generator control unit
- T10ac 10-pin connector, black
- T12l 12-pin connector, black
- T17a 17-pin connector, on lower section of left A-pillar
- T28 28-pin connector, black
- T94 94-pin connector
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- E123 Connection 1 (powertrain CAN bus, high), in engine wiring harness
- E124 Connection 1 (powertrain CAN bus, low), in engine wiring harness
- X6 Connection 2 (CAN bus hybrid, high), in engine compartment wiring harness
- X7 Connection 2 (CAN bus hybrid, low), in engine compartment wiring harness
- * For models with hybrid drive system
- *2 see applicable current flow diagram for engine
- *3 see applicable current flow diagram for dual clutch gearbox

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Charging unit 1 for high-voltage battery, Airbag control unit, Control unit for front left belt tensioner, Control unit for front right belt tensioner, Brake system pressure accumulator

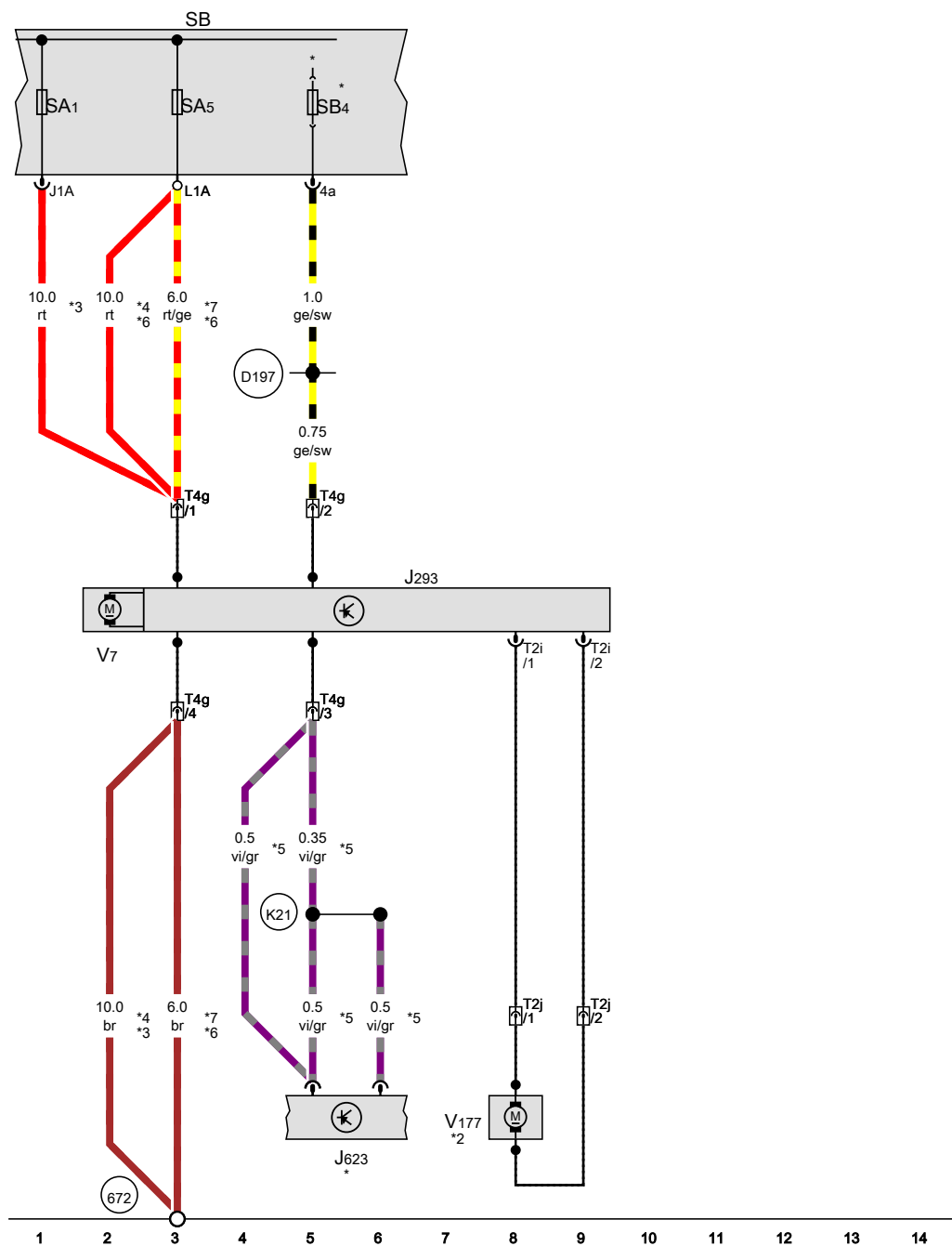
- AX4 Charging unit 1 for high-voltage battery
- J234 Airbag control unit
- J854 Control unit for front left belt tensioner
- J855 Control unit for front right belt tensioner
- J869 Control unit for structure-borne sound
- NX6 Brake servo
- T4dm 4-pin connector, black
- T6ad 6-pin connector, black
- T26d 26-pin connector
- T60a 60-pin connector, black
- T90 90-pin connector
- VX70 Brake system pressure accumulator

- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- B710 Connection 5 (LIN bus) in main wiring harness
- E123 Connection 1 (powertrain CAN bus, high), in engine wiring harness
- E124 Connection 1 (powertrain CAN bus, low), in engine wiring harness
- X4 Connection 1 (CAN bus hybrid, high), in engine compartment wiring harness
- X5 Connection 1 (CAN bus hybrid, low), in engine compartment wiring harness
- X6 Connection 2 (CAN bus hybrid, high), in engine compartment wiring harness
- X7 Connection 2 (CAN bus hybrid, low), in engine compartment wiring harness

* For models with hybrid drive system

Radiator fan

From March 2012



Radiator fan control unit, Radiator fan, Radiator fan 2

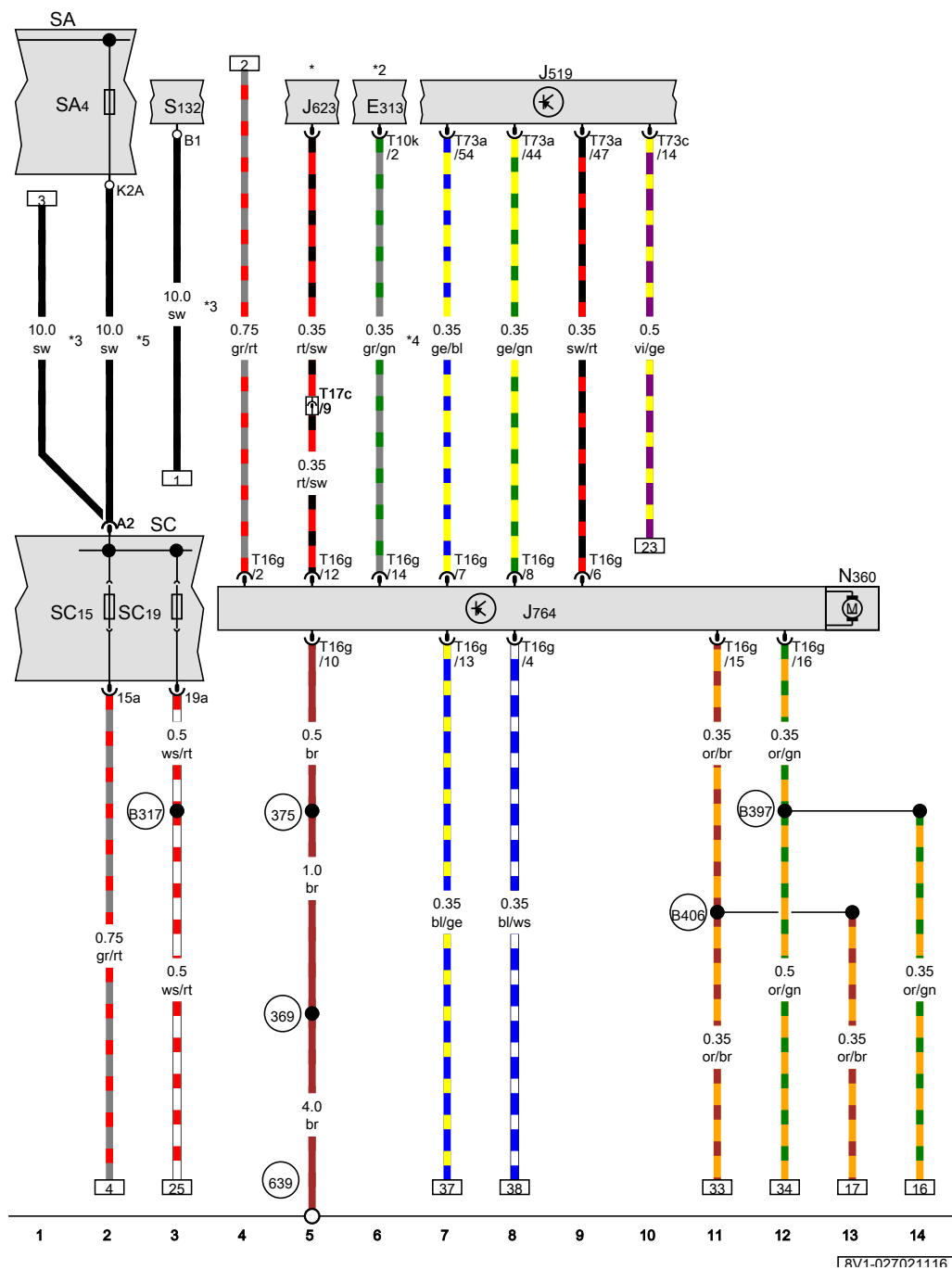
- J293 Radiator fan control unit
- J623 Engine/motor control unit
- SA1 Fuse 1 on fuse holder A
- SA5 Fuse 5 on fuse holder A
- SB Fuse holder B
- SB4 Fuse 4 on fuse holder B
- T2i 2-pin connector
- T2j 2-pin connector
- T4g 4-pin connector, black
- V7 Radiator fan
- V177 Radiator fan 2

- 672 Earth point 2, on front of left longitudinal member
- D197 Connection 5 (87a), in engine compartment wiring harness
- K21 Connection 1, in radiator fan wiring harness
- * see applicable current flow diagram for engine
- *2 For models with two radiator fans
- *3 For RS 3 models
- *4 For models with hybrid drive system
- *5 According to equipment
- *6 Not for RS 3 models
- *7 For models with no hybrid drive system

- ws = white
- sw = black
- ro = red
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- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Entry and start authorisation , (L0L)

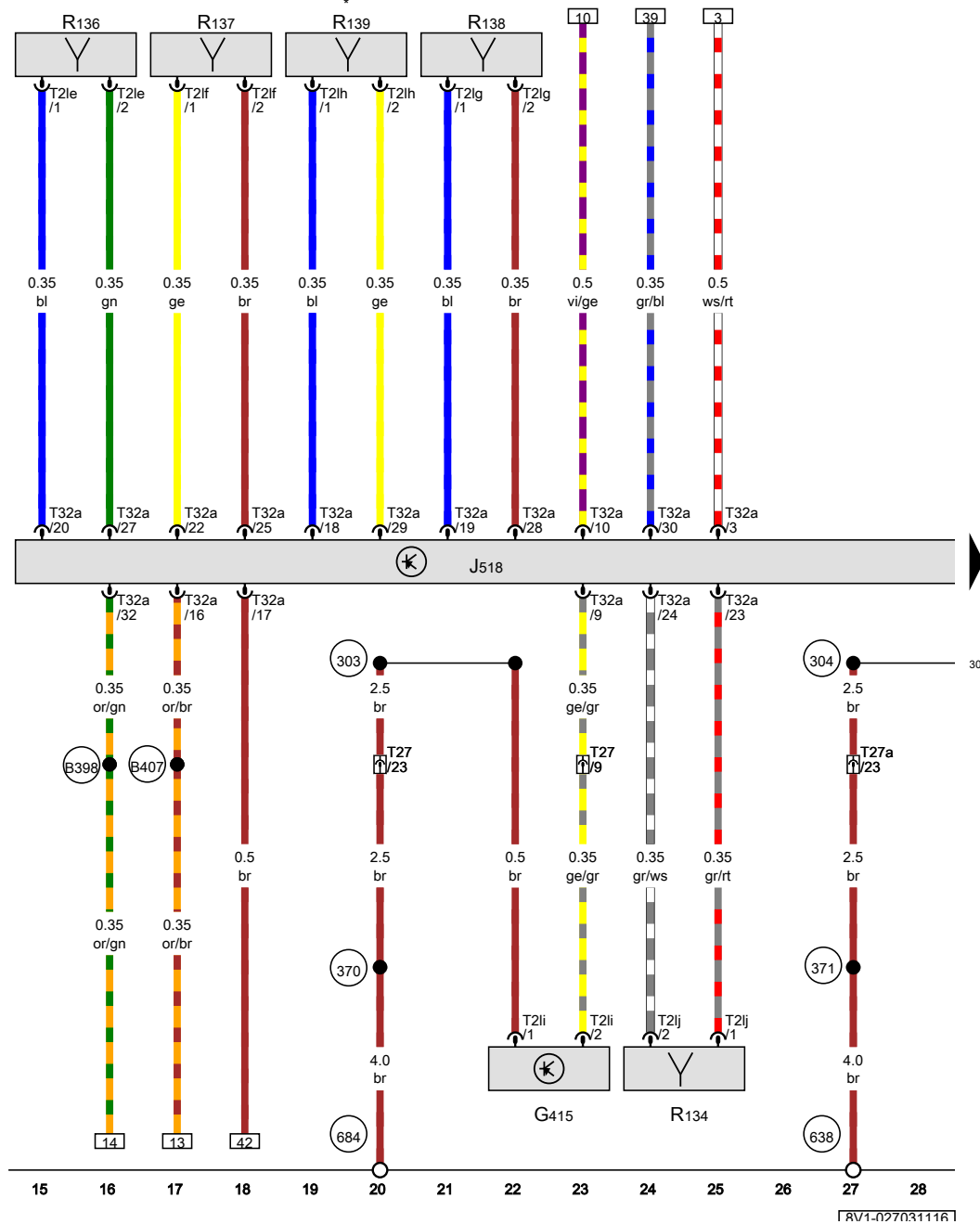
From March 2012



Onboard supply control unit, Control unit for electronic steering column lock, Fuse 4 on fuse holder A, Fuse holder C

- E313 Selector lever
- J519 Onboard supply control unit
- J623 Engine control unit
- J764 Control unit for electronic steering column lock
- N360 Steering column lock control element
- S132 Fuse 2
- SA Fuse holder A
- SA4 Fuse 4 on fuse holder A
- SC Fuse holder C
- SC15 Fuse 15 on fuse holder C
- SC19 Fuse 19 on fuse holder C
- T10k 10-pin connector
- T16g 16-pin connector
- T17c 17-pin connector
- T73a 73-pin connector
- T73c 73-pin connector
- 369 Earth connection 4, in main wiring harness
- 375 Earth connection 10, in main wiring harness
- 639 Earth point, left A-pillar
- B317 Positive connection 3 (30a) in main wiring harness
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- * see applicable current flow diagram for engine
- *2 see applicable current flow diagram for dual clutch gearbox
- *3 Only for RS 3 models
- *4 Up to October 2013
- *5 Not for RS 3 models

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Driver door exterior handle contact sensor, Entry and start authorisation control unit, Driver side aerial for entry and start system, Rear bumper aerial for entry and start system, Luggage compartment aerial for entry and start system, Interior aerial 1 for entry and start system, Interior aerial 2 for entry and start system

- G415 Driver door exterior handle contact sensor
- J518 Entry and start authorisation control unit
- R134 Driver side aerial for entry and start system
- R136 Rear bumper aerial for entry and start system
- R137 Luggage compartment aerial for entry and start system
- R138 Interior aerial 1 for entry and start system
- R139 Interior aerial 2 for entry and start system
- T2le 2-pin connector
- T2lf 2-pin connector
- T2lg 2-pin connector
- T2lh 2-pin connector
- T2li 2-pin connector
- T2lj 2-pin connector
- T27 27-pin connector, on left A-pillar
- T27a 27-pin connector, on right A-pillar
- T32a 32-pin connector

- 303 Earth connection 3, in drive side door wiring harness
- 304 Earth connection 3, in front passenger side door wiring harness
- 370 Earth connection 5, in main wiring harness
- 371 Earth connection 6, in main wiring harness
- 638 Earth point, on right A-pillar
- 684 Earth point on front of left side member
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness

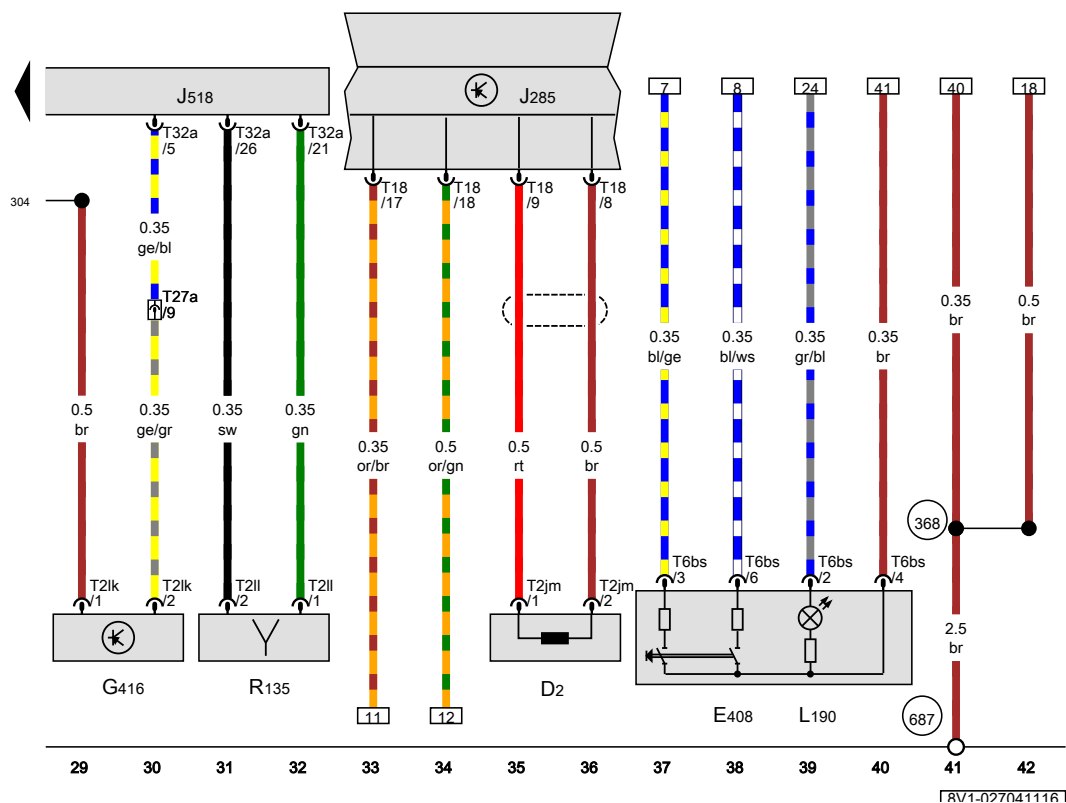
* Only Cabriolet models

ws = white
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Immobiliser reader coil, Entry and start authorisation button, Front passenger door exterior handle contact sensor, Control unit in dash panel insert, Entry and start authorisation control unit, Passenger side aerial for entry and start system

- D2 Immobiliser reader coil
- E408 Entry and start authorisation button
- G416 Front passenger door exterior handle contact sensor
- J285 Control unit in dash panel insert
- J518 Entry and start authorisation control unit
- L190 Ignition and starter button illumination bulb
- R135 Passenger side aerial for entry and start system
- T2jm 2-pin connector
- T2lk 2-pin connector
- T2ll 2-pin connector
- T6bs 6-pin connector
- T18 18-pin connector
- T27a 27-pin connector, on right A-pillar
- T32a 32-pin connector

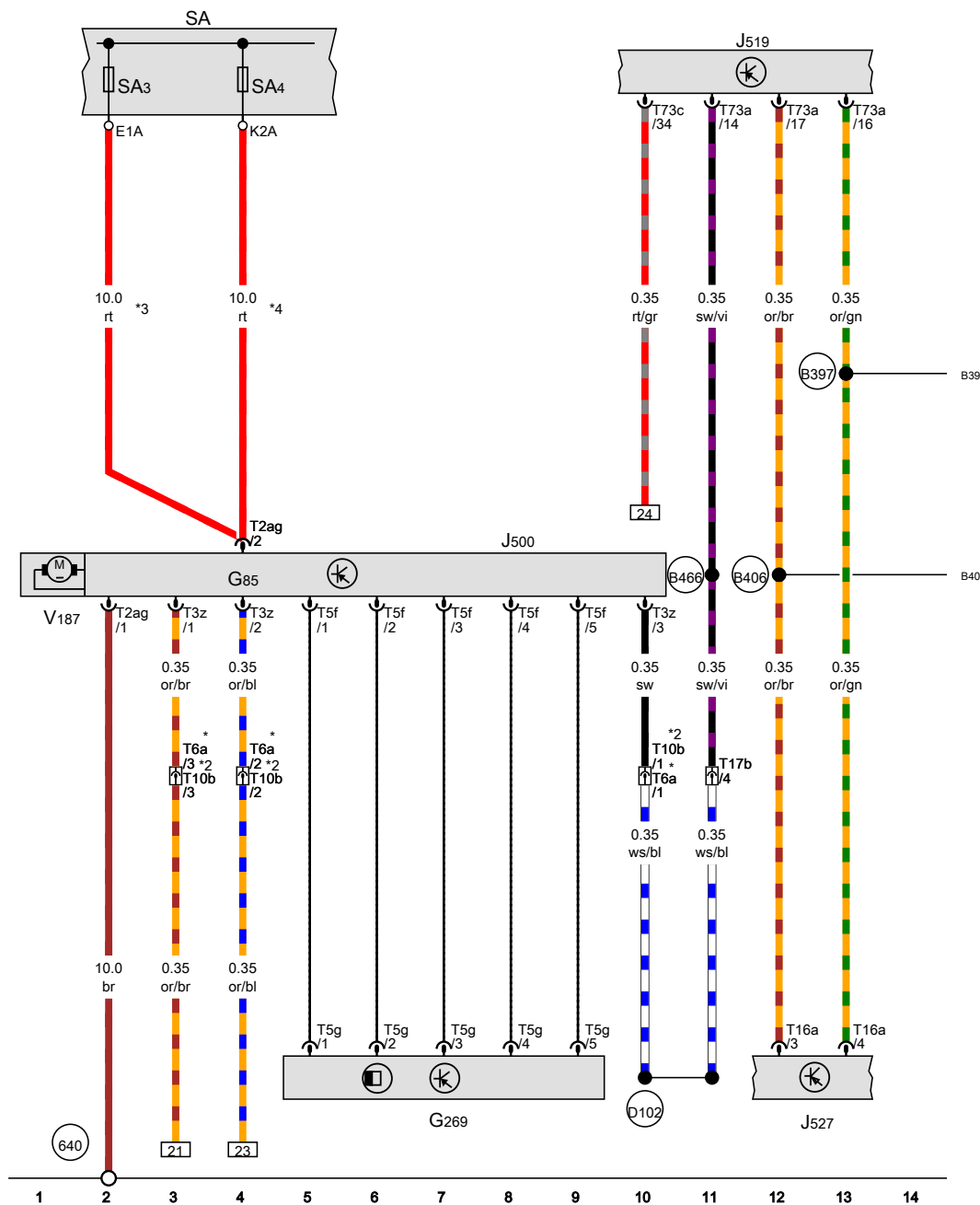
- 304 Earth connection 3, in front passenger side door wiring harness
- 368 Earth connection 3, in main wiring harness
- 687 Earth point 1, on centre tunnel



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Electromechanical steering , (L0L)

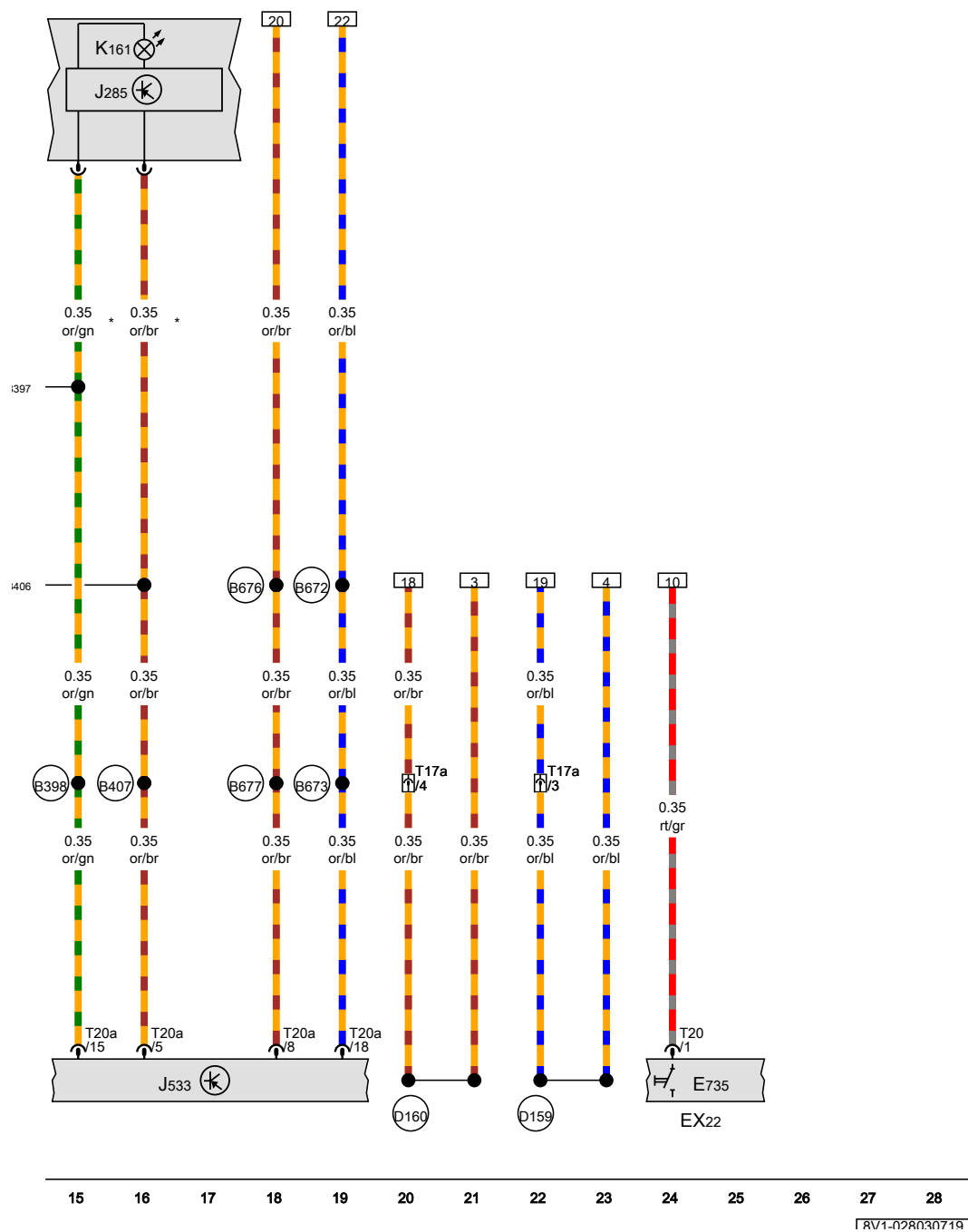
From March 2012



Steering angle sender, Power steering control unit, Onboard supply control unit, Steering column electronics control unit, Electromechanical power steering motor

- G85 Steering angle sender
- G269 Steering moment sender
- J500 Power steering control unit
- J519 Onboard supply control unit
- J527 Steering column electronics control unit
- SA Fuse holder A
- SA3 Fuse 3 on fuse holder A
- SA4 Fuse 4 on fuse holder A
- T2ag 2-pin connector
- T3z 3-pin connector
- T5f 5-pin connector
- T5g 5-pin connector
- T6a 6-pin connector, near front left longitudinal member
- T10b 10-pin connector, near front left longitudinal member
- T16a 16-pin connector
- T17b 17-pin connector
- T73a 73-pin connector
- T73c 73-pin connector
- V187 Electromechanical power steering motor
- 640 Earth point 2, left in engine compartment
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- B466 Connection 2, in main wiring harness
- D102 Connection 2 in engine compartment wiring harness
- * For models with petrol engine
- *2 For models with diesel engine
- *3 Not for RS 3 models
- *4 For RS 3 models

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 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
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 or = orange
 rs = pink



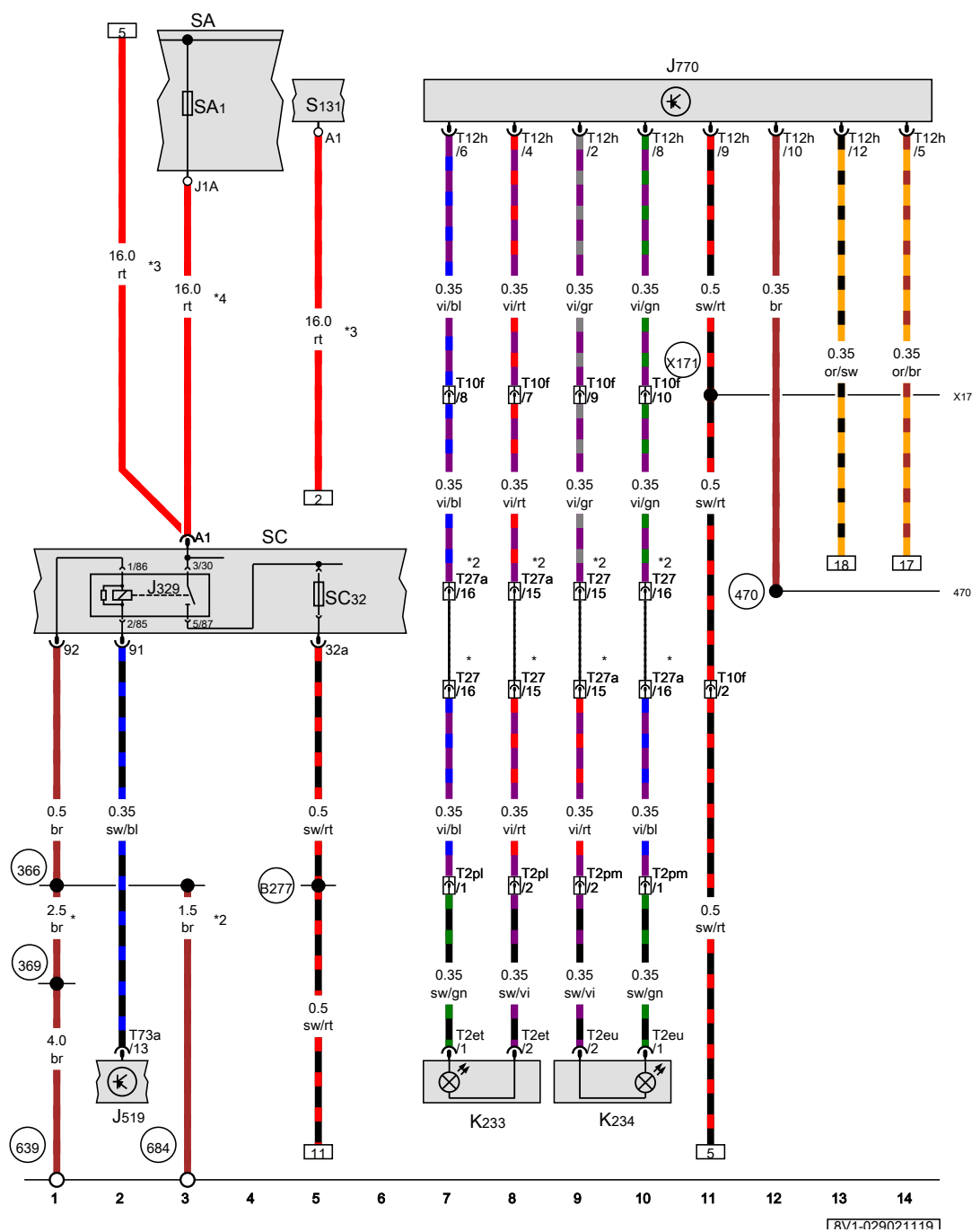
Control unit in dash panel insert, Data bus diagnostic interface, Electromechanical power steering warning lamp

- EX22 Centre switch module in dash panel
- E735 Driving mode selection button
- J285 Control unit in dash panel insert
- J533 Data bus diagnostic interface
- K161 Electromechanical power steering warning lamp
- T17a 17-pin connector
- T20 20-pin connector, red
- T20a 20-pin connector
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness
- B672 Connection 1 (running gear/dash panel insert CAN bus, high), in main wiring harness
- B673 Connection 2 (running gear/dash panel insert CAN bus, high), in main wiring harness
- B676 Connection 1 (running gear/dash panel insert CAN bus, low), in main wiring harness
- B677 Connection 2 (running gear/dash panel insert CAN bus, low), in main wiring harness
- D159 Connection (high bus), in engine compartment wiring harness
- D160 Connection (low bus), in engine compartment wiring harness
- * see applicable current flow diagram for dash panel insert

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 bl = blue
 gr = grey
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 or = orange
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Lane change assist , (7Y1),(7Y5)

From March 2012



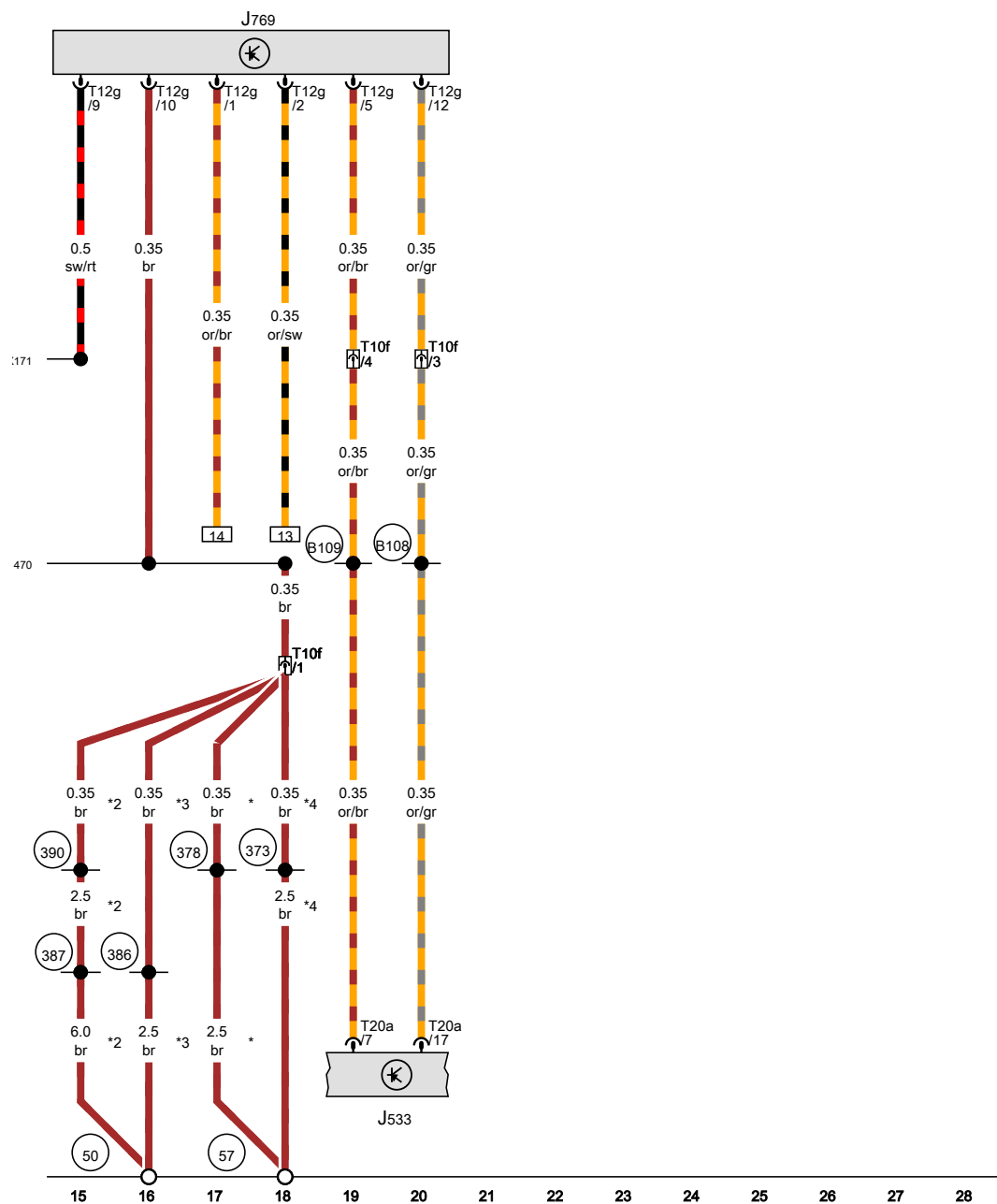
Terminal 15 voltage supply relay, Lane change assist control unit 2, Lane change assist warning lamp in driver side exterior mirror, Fuse holder C

- J329 Terminal 15 voltage supply relay
- J519 Onboard supply control unit
- J770 Lane change assist control unit 2
- K233 Lane change assist warning lamp in driver side exterior mirror
- K234 Lane change assist warning lamp in passenger side exterior mirror
- S131 Fuse 1
- SA Fuse holder A
- SA1 Fuse 1 on fuse holder A
- SC Fuse holder C
- SC32 Fuse 32 on fuse holder C
- T2et 2-pin connector
- T2eu 2-pin connector
- T2pl 2-pin connector, on driver door control unit
- T2pm 2-pin connector, on front passenger door control unit
- T10f 10-pin connector, in rear bumper
- T12h 12-pin connector
- T27 27-pin connector, on left A-pillar
- T27a 27-pin connector, on right A-pillar
- T73a 73-pin connector

- 366 Earth connection 1, in main wiring harness
- 369 Earth connection 4, in main wiring harness
- 470 Earth connection 1, in rear bumper wiring harness
- 639 Earth point, left A-pillar
- 684 Earth point on front of left side member
- B277 Positive connection 1 (15a) in main wiring harness
- X171 Connection (15), rear bumper wiring harness

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 sw = black
 ro = red
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 gr = grey
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 rs = pink

- * For left-hand drive models
- *2 For right-hand drive models
- *3 For RS 3 models
- *4 Not for RS 3 models



Data bus diagnostic interface, Lane change assist control unit

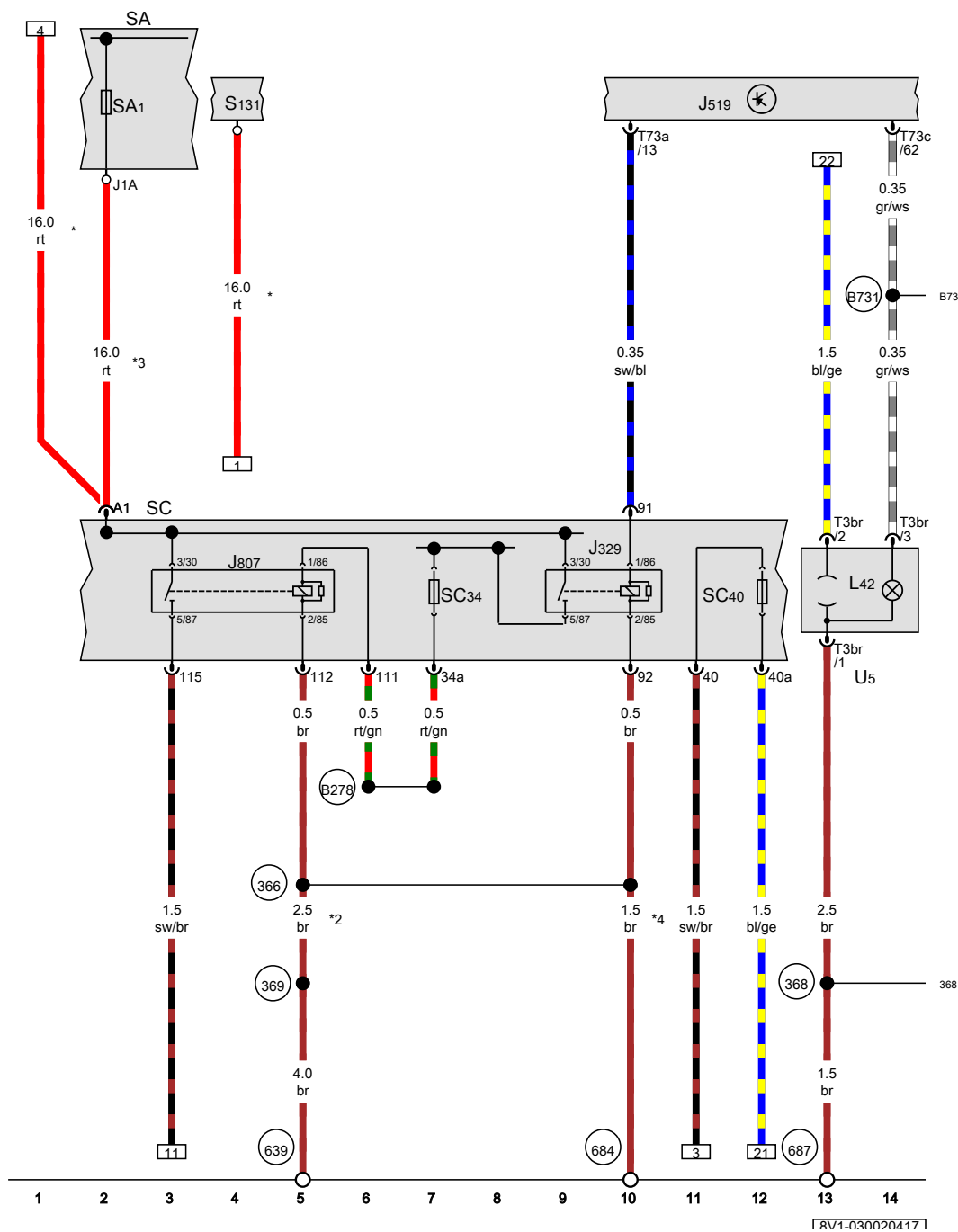
- J533 Data bus diagnostic interface
- J769 Lane change assist control unit
- T10f 10-pin connector, in rear bumper
- T12g 12-pin connector
- T20a 20-pin connector

- 50 Earth point, on left in luggage compartment
- 57 Earth point, rear left pillar
- 373 Earth connection 8, in main wiring harness
- 378 Earth connection 13, in main wiring harness
- 386 Earth connection 21, in main wiring harness
- 387 Earth connection 22, in main wiring harness
- 390 Earth connection 25, in main wiring harness
- 470 Earth connection 1, in rear bumper wiring harness
- B108 Connection 1 (CAN bus extended high), in main wiring harness
- B109 Connection 1 (CAN bus extended low), in main wiring harness
- X171 Connection (15), rear bumper wiring harness
- * For models with 5 doors
- *2 For Cabriolet models
- *3 For models with 4 doors
- *4 For models with 3 doors



Cigarette lighter and 12 V sockets

From March 2012



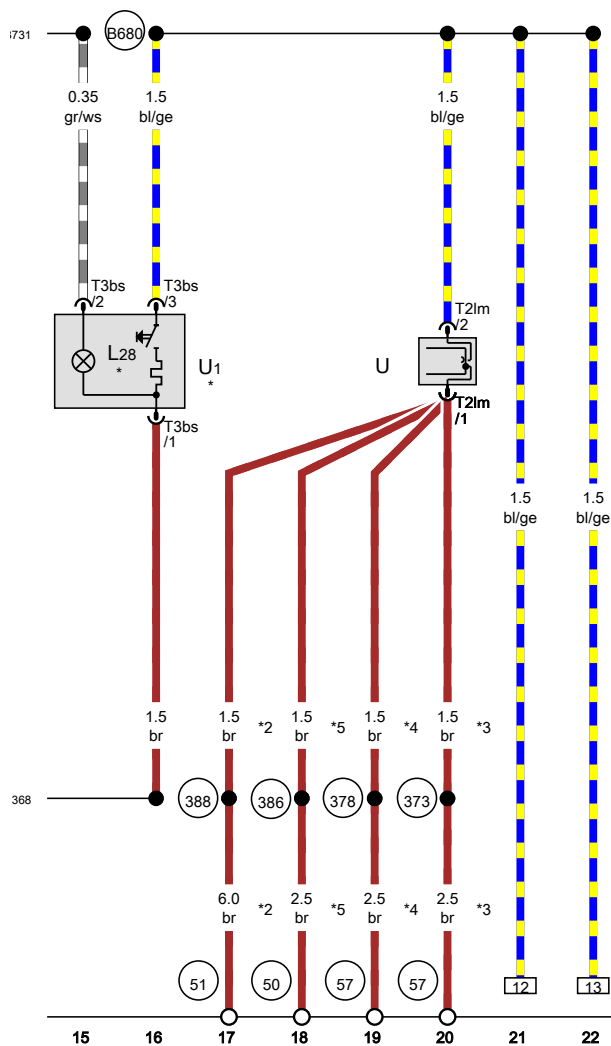
Terminal 15 voltage supply relay, Relay for power sockets, Fuse holder C, 12 V socket

- J329 Terminal 15 voltage supply relay
- J519 Onboard supply control unit
- J807 Relay for power sockets
- L42 Socket illumination bulb
- SA Fuse holder A
- SA1 Fuse 1 on fuse holder A
- SC Fuse holder C
- SC34 Fuse 34 on fuse holder C
- SC40 Fuse 40 on fuse holder C
- S131 Fuse 1
- T3br 3-pin connector
- T73a 73-pin connector
- T73c 73-pin connector
- U5 12 V socket

- 366 Earth connection 1, in main wiring harness
- 368 Earth connection 3, in main wiring harness
- 369 Earth connection 4, in main wiring harness
- 639 Earth point, left A-pillar
- 684 Earth point on front of left side member
- 687 Earth point 1, on centre tunnel
- B278 Positive connection 2 (15a) in main wiring harness
- B731 Connection 1 (58s), in main wiring harness

- * Only for RS 3 models
- *2 Only left-hand drive models
- *3 Not for RS 3 models
- *4 Only right-hand drive models

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Electric socket, Cigarette lighter

- L28 Cigarette lighter illumination bulb
- T2lm 2-pin connector
- T3bs 3-pin connector
- U Electric socket
- U1 Cigarette lighter

- 50 Earth point, on left in luggage compartment
- 51 Earth point, on right in luggage compartment
- 57 Earth point, rear left pillar
- 368 Earth connection 3, in main wiring harness
- 373 Earth connection 8, in main wiring harness
- 378 Earth connection 13, in main wiring harness
- 386 Earth connection 21, in main wiring harness
- 388 Earth connection 23, in main wiring harness
- B680 Connection (electric socket), in interior wiring harness
- B731 Connection 1 (58s), in main wiring harness

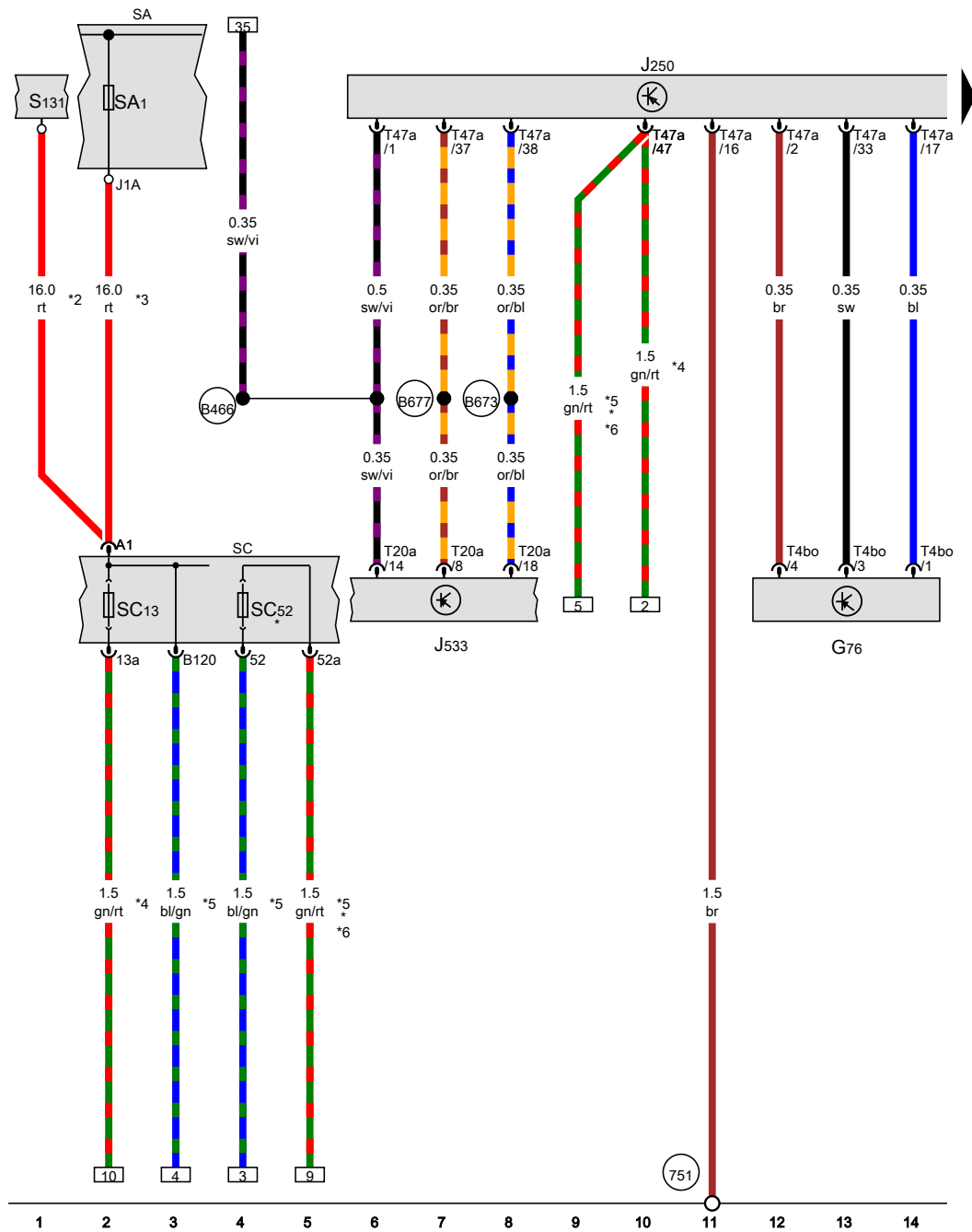
- * Only smoker version models
- *2 Only Cabriolet models
- *3 Only models with 3-doors
- *4 Only models with 5-doors
- *5 Only models with 4-doors

ws = white
 sw = black
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18V1-0300304171

Automatic adaptive suspension, adjustable dampers , (2H7)

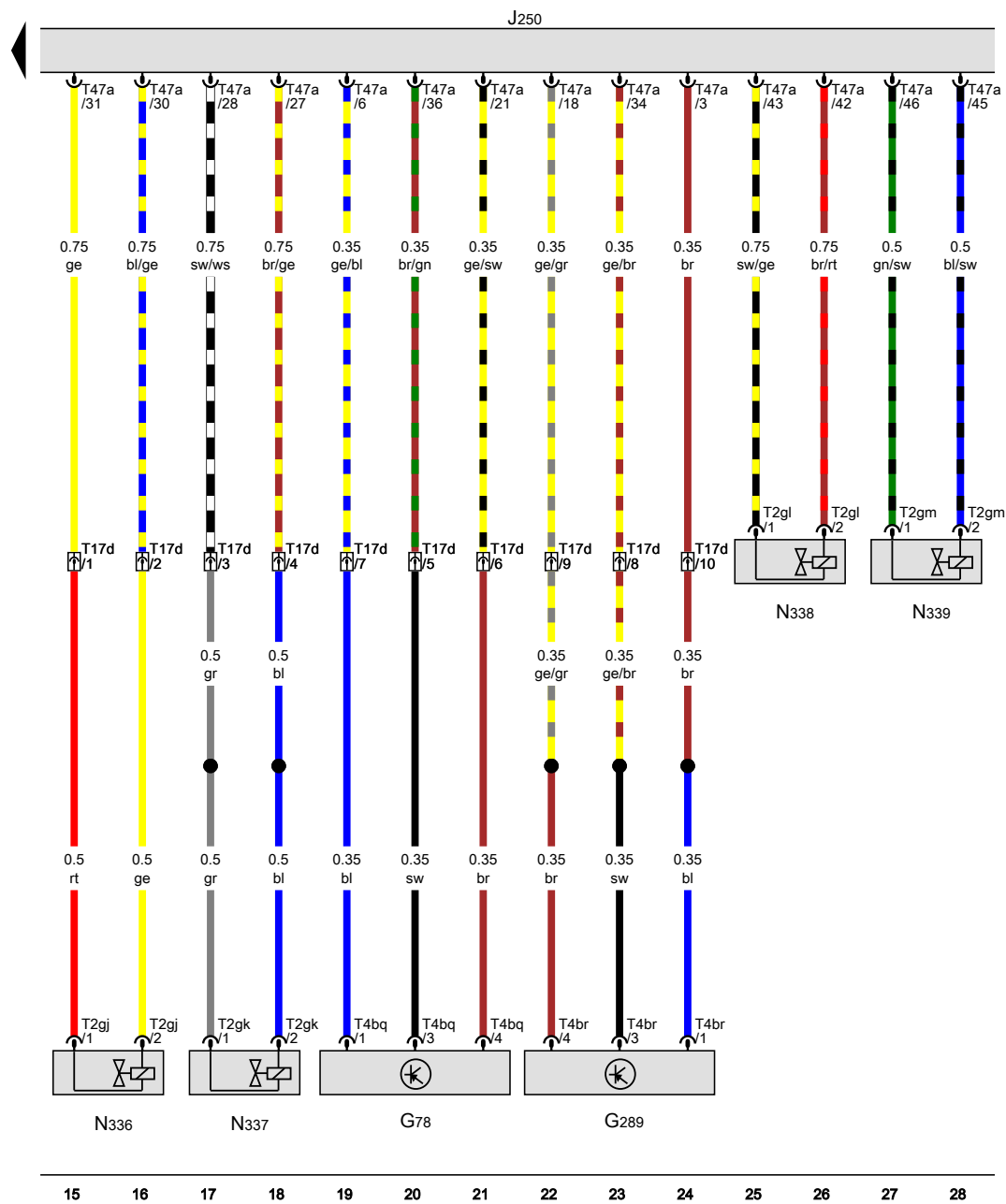
From March 2012



Rear left vehicle level sender, Electronically controlled damping control unit, Data bus diagnostic interface, Fuse 1 on fuse holder A, Fuse holder C

- G76 Rear left vehicle level sender
- J250 Electronically controlled damping control unit
- J533 Data bus diagnostic interface
- SA Fuse holder A
- SA1 Fuse 1 on fuse holder A
- SC Fuse holder C
- SC13 Fuse 13 on fuse holder C
- SC52 Fuse 52 on fuse holder C
- S131 Fuse 1
- T4bo 4-pin connector
- T20a 20-pin connector
- T47a 47-pin connector

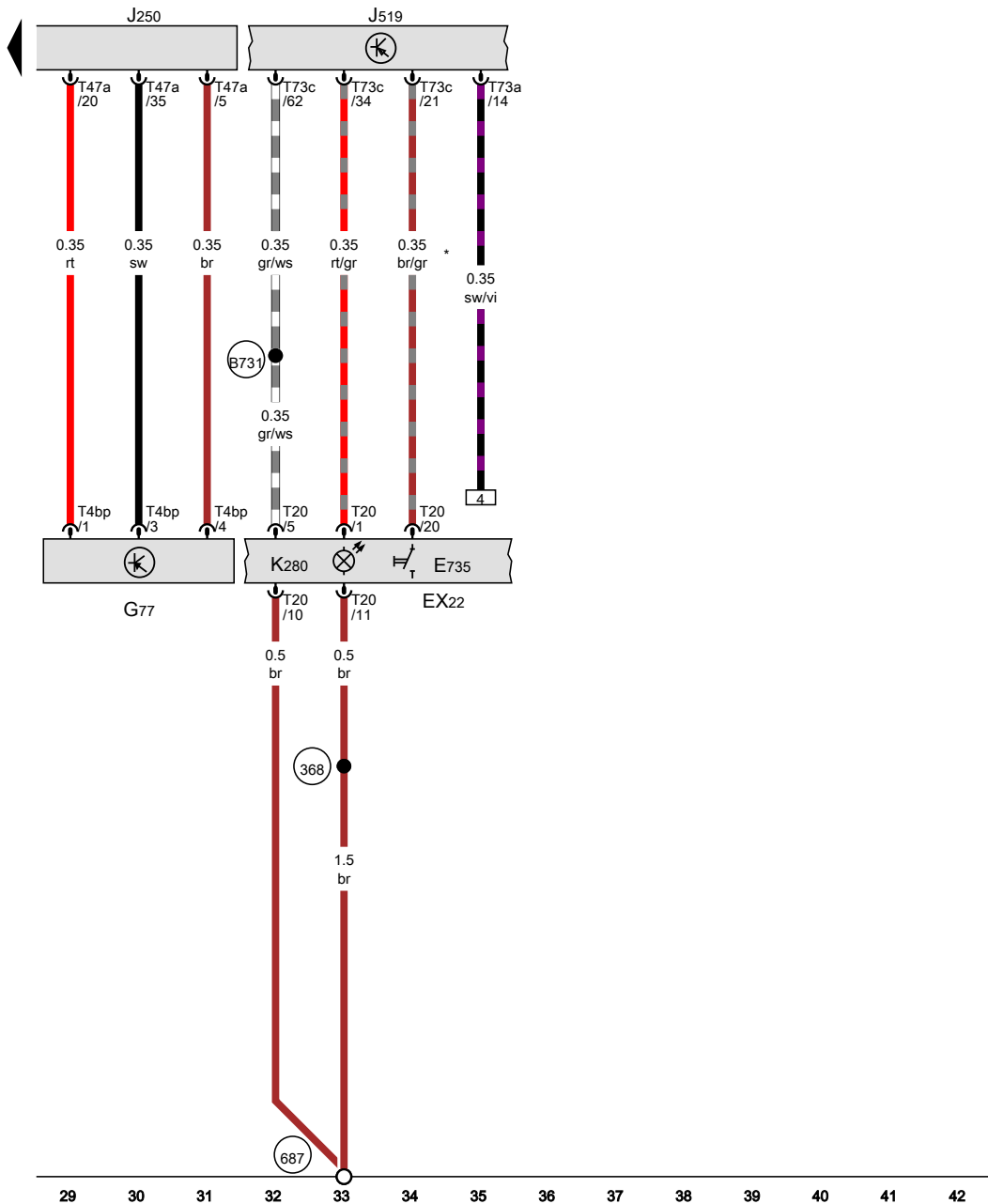
- 751 Earth point 2, on right A-pillar
- B466 Connection 2, in main wiring harness
- B673 Connection 2 (running gear/dash panel insert CAN bus, high), in main wiring harness
- B677 Connection 2 (running gear/dash panel insert CAN bus, low), in main wiring harness
- * Fuse rating depends on equipment, see fitting locations
- *2 For RS 3 models
- *3 Not for RS 3 models
- *4 Up to April 2017
- *5 From May 2017
- *6 Cross section depends on equipment



Front left vehicle level sender, Front right vehicle level sender, Electronically controlled damping control unit, Front left shock absorber damping adjustment valve, Front right shock absorber damping adjustment valve, Rear left shock absorber damping adjustment valve, Rear right shock absorber damping adjustment valve

- G78 Front left vehicle level sender
- G289 Front right vehicle level sender
- J250 Electronically controlled damping control unit
- N336 Front left shock absorber damping adjustment valve
- N337 Front right shock absorber damping adjustment valve
- N338 Rear left shock absorber damping adjustment valve
- N339 Rear right shock absorber damping adjustment valve
- T2gj 2-pin connector
- T2gk 2-pin connector
- T2gl 2-pin connector
- T2gm 2-pin connector
- T4bq 4-pin connector
- T4br 4-pin connector
- T17d 17-pin connector
- T47a 47-pin connector

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- bl = blue
- gr = grey
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- vi = purple
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- rs = pink



18V1-0310406181

ws = white
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gn = green
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gr = grey
li = purple
vi = purple
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or = orange
rs = pink

Centre switch module in dash panel, Rear right vehicle level sender, Electronically controlled damping control unit, Onboard supply control unit, Driving mode selection warning lamp

EX22 Centre switch module in dash panel
E735 Driving mode selection button
G77 Rear right vehicle level sender
J250 Electronically controlled damping control unit
J519 Onboard supply control unit
K280 Driving mode selection warning lamp
T4bp 4-pin connector
T20 20-pin connector
T47a 47-pin connector
T73a 73-pin connector
T73c 73-pin connector

368 Earth connection 3, in main wiring harness

687 Earth point 1, on centre tunnel

B731 Connection 1 (58s), in main wiring harness

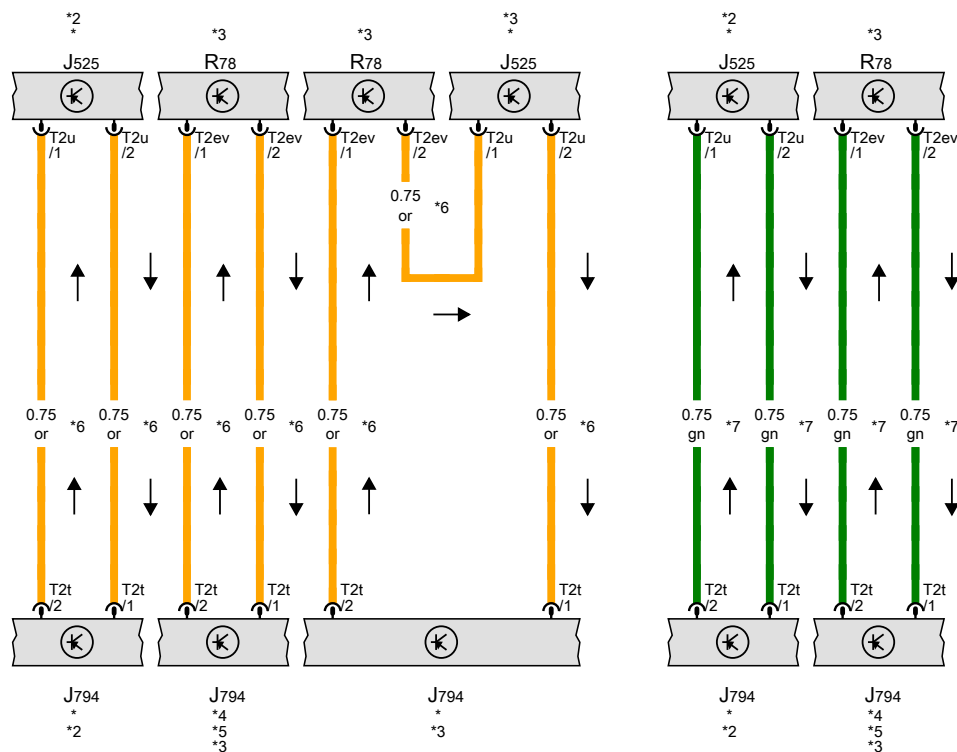
* Gradually discontinued

Infotainment MOST bus

From March 2012

Digital sound package control unit, Control unit 1 for information electronics, TV tuner

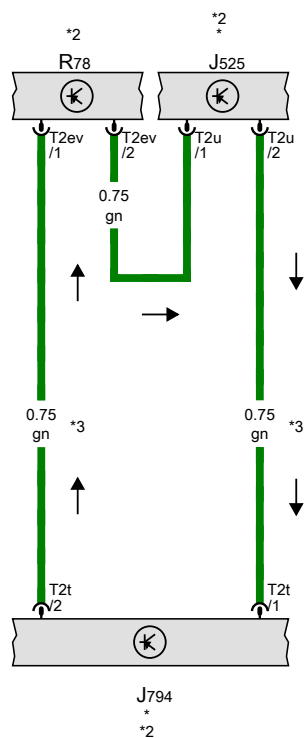
- J525 Digital sound package control unit
- J794 Control unit 1 for information electronics
- R78 TV tuner
- T2ev 2-pin connector
- T2t 2-pin connector
- T2u 2-pin connector
- * Only models with Bang & Olufsen sound system
- *2 Only models with no TV receiver
- *3 Only models with TV tuner
- *4 Only models with active loudspeakers
- *5 Only models with passive loudspeakers
- *6 Gradually discontinued
- *7 gradual introduction



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- gr = grey
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- or = orange
- rs = pink

Digital sound package control unit, Control unit 1 for information electronics, TV tuner

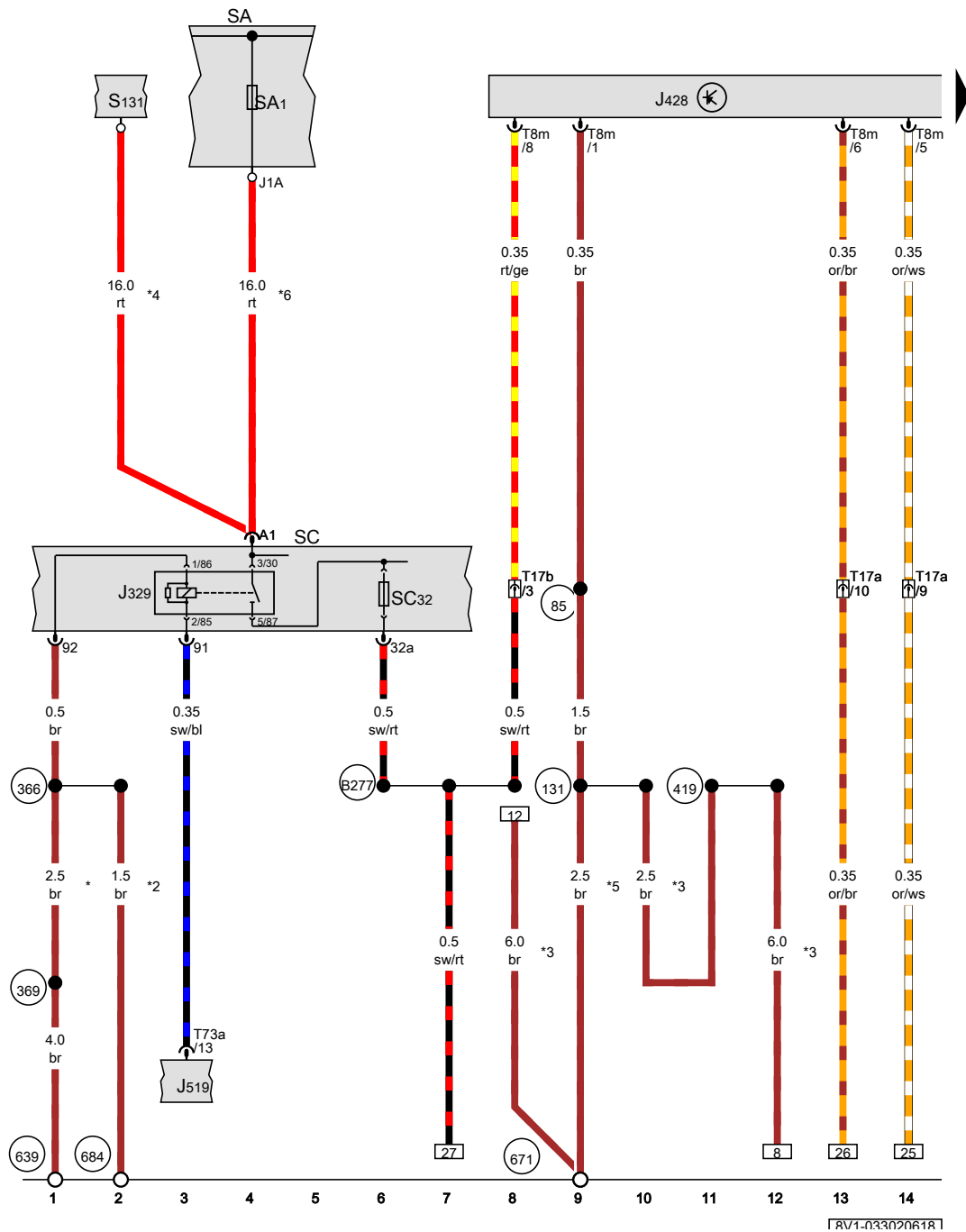
- J525 Digital sound package control unit
- J794 Control unit 1 for information electronics
- R78 TV tuner
- T2ev 2-pin connector
- T2t 2-pin connector
- T2u 2-pin connector
- * Only models with Bang & Olufsen sound system
- *2 Only models with TV tuner
- *3 gradual introduction



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- rs = pink

Assist systems , (6K2),(6K3),(6K4),(QK1)

From March 2012



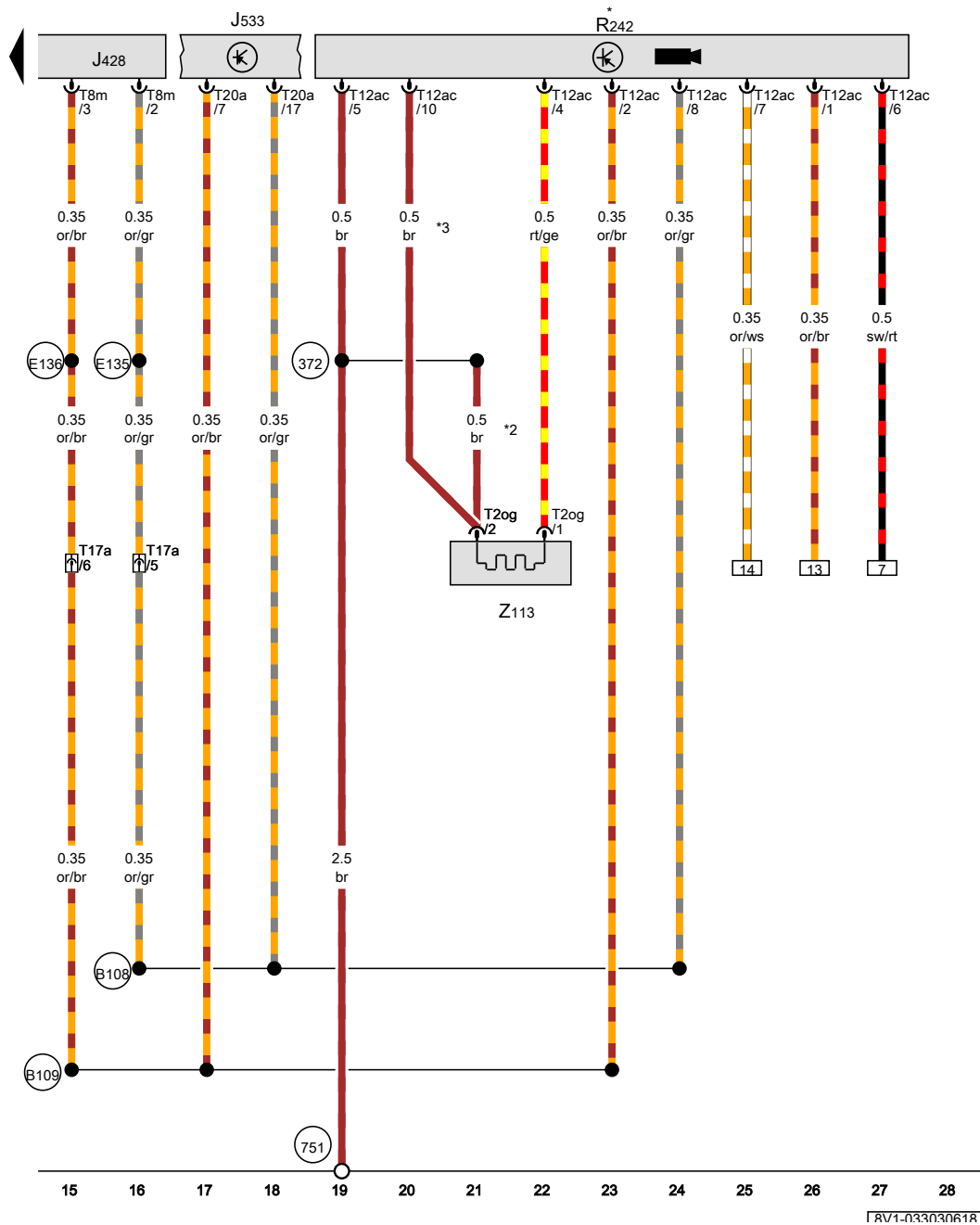
ws = white
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 vi = purple
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Terminal 15 voltage supply relay, Adaptive cruise control unit, Fuse holder C

- J329 Terminal 15 voltage supply relay
- J428 Adaptive cruise control unit
- J519 Onboard supply control unit
- S131 Fuse 1
- SA Fuse holder A
- SA1 Fuse 1 on fuse holder A
- SC Fuse holder C
- SC32 Fuse 32 on fuse holder C
- T8m 8-pin connector
- T17a 17-pin connector
- T17b 17-pin connector
- T73a 73-pin connector

- 85 Earth connection 1, in engine compartment wiring harness
- 131 Earth connection 2, in engine compartment wiring harness
- 366 Earth connection 1, in main wiring harness
- 369 Earth connection 4, in main wiring harness
- 419 Earth connection 11, in engine compartment wiring harness
- 639 Earth point, left A-pillar
- 671 Earth point 1, on front of left longitudinal member
- 684 Earth point on front of left side member
- B277 Positive connection 1 (15a) in main wiring harness

- * For left-hand drive models
- *2 For right-hand drive models
- *3 gradual introduction
- *4 For RS 3 models
- *5 Gradually discontinued
- *6 Not for RS 3 models



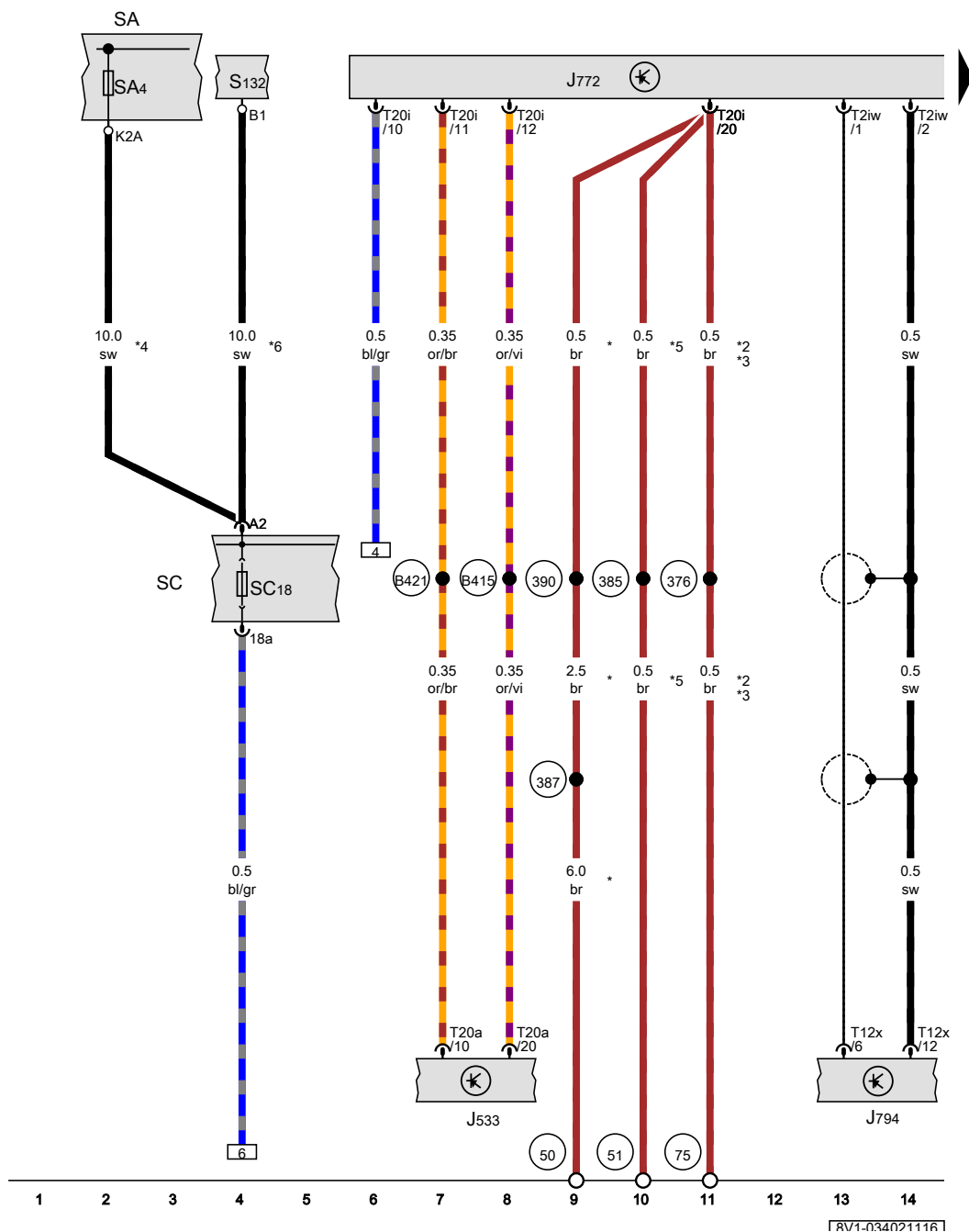
Adaptive cruise control unit, Data bus diagnostic interface, Front camera for driver assist systems, Windscreen heater for front sensors

- J428 Adaptive cruise control unit
- J533 Data bus diagnostic interface
- R242 Front camera for driver assist systems
- T2og 2-pin connector
- T8m 8-pin connector
- T12ac 12-pin connector
- T17a 17-pin connector
- T20a 20-pin connector
- Z113 Windscreen heater for front sensors

- 372 Earth connection 7, in main wiring harness
- 751 Earth point 2, on right A-pillar
- B108 Connection 1 (CAN bus extended high), in main wiring harness
- B109 Connection 1 (CAN bus extended low), in main wiring harness
- E135 Connection (CAN bus extended high), in engine compartment wiring harness
- E136 Connection (CAN bus extended low), in engine compartment wiring harness
- * For models with front camera for driver assist systems
- *2 Gradually discontinued
- *3 gradual introduction

Reversing camera (Rear Assist) , (KA2)

From March 2012



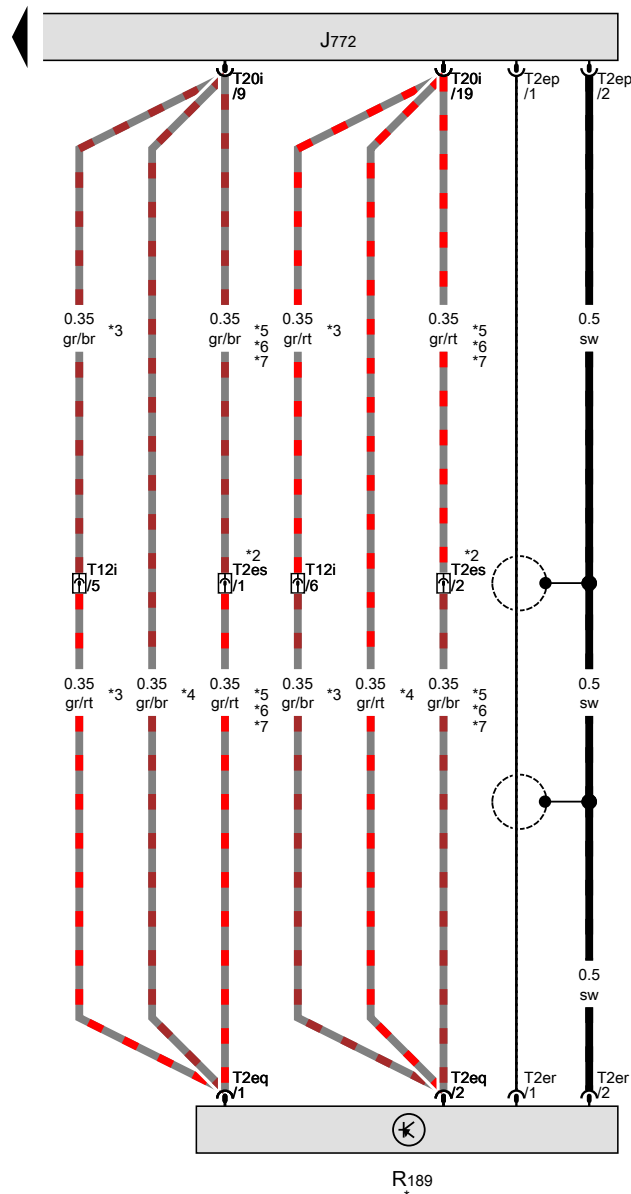
Data bus diagnostic interface, Reversing camera system control unit, Fuse holder C

- J533 Data bus diagnostic interface
- J772 Reversing camera system control unit
- J794 Control unit 1 for information electronics
- SA Fuse holder A
- SA4 Fuse 4 on fuse holder A
- SC Fuse holder C
- SC18 Fuse 18 on fuse holder C
- S132 Fuse 2
- T2iw 2-pin connector
- T12x 12-pin connector
- T20a 20-pin connector
- T20i 20-pin connector

- 50 Earth point, on left in luggage compartment
- 51 Earth point, on right in luggage compartment
- 75 Earth point, rear right pillar
- 376 Earth connection 11, in main wiring harness
- 385 Earth connection 20, in main wiring harness
- 387 Earth connection 22, in main wiring harness
- 390 Earth connection 25, in main wiring harness
- B415 Connection 1 (infotainment CAN bus, high), in main wiring harness
- B421 Connection 1 (infotainment CAN bus, low), in main wiring harness
- * Only Cabriolet models
- *2 Only models with 3-doors
- *3 Only models with 5-doors
- *4 Not for RS 3 models
- *5 Only models with 4-doors
- *6 Only for RS 3 models

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Reversing camera system control unit, Reversing camera



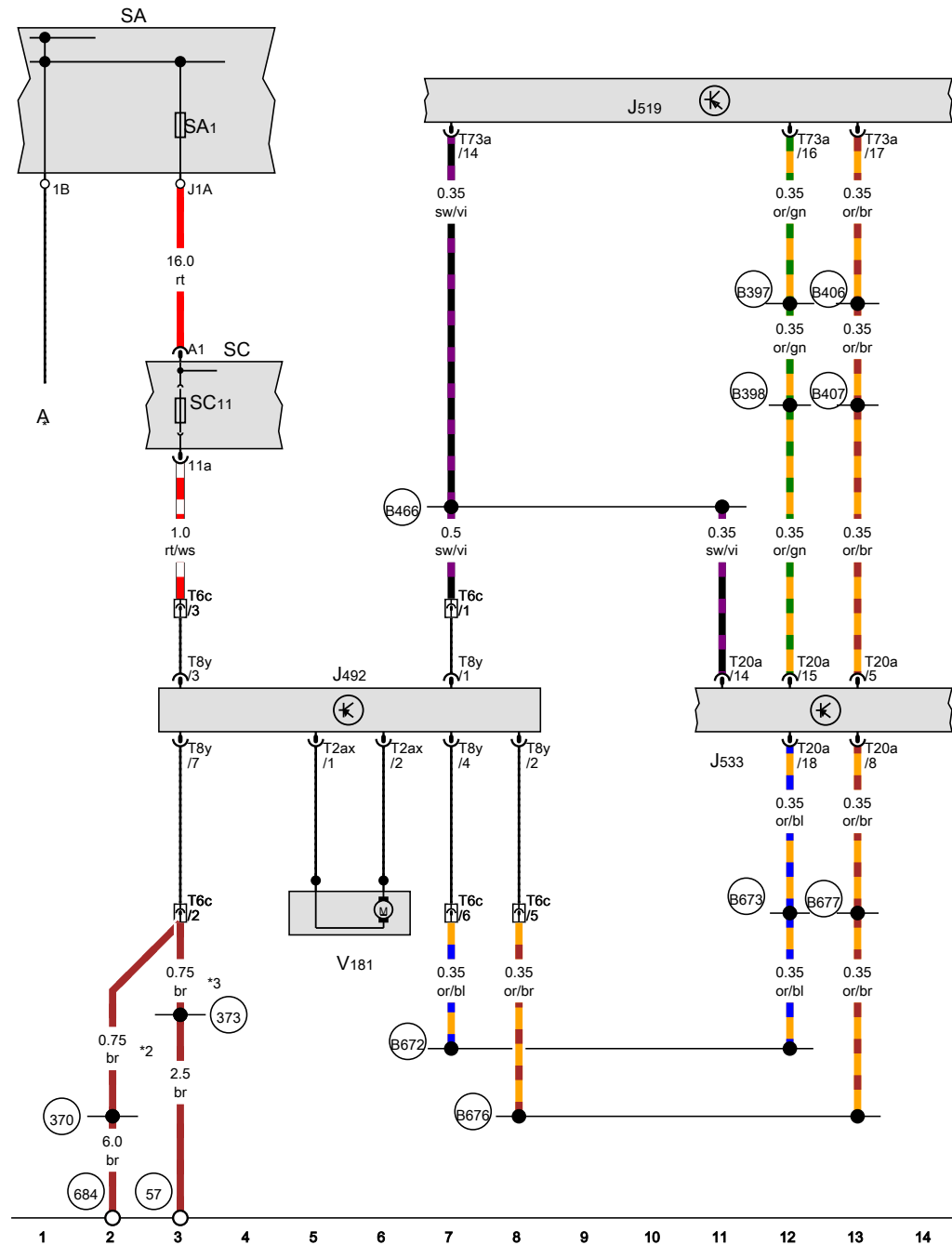
- J772 Reversing camera system control unit
- R189 Reversing camera
- T2ep 2-pin connector
- T2eq 2-pin connector
- T2er 2-pin connector
- T2es 2-pin connector, Coupling point for rear lid
- T12i 12-pin connector
- T20i 20-pin connector
- * Pre-wired component
- *2 Up to October 2014
- *3 Only Cabriolet models
- *4 Only models with 4-doors
- *5 Only models with 3-doors
- *6 Only models with 5-doors
- *7 Wiring colour depends on equipment

- ws = white
- sw = black
- ro = red
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18V1-0340311161

All-wheel drive , (1X1)

From March 2012



All-wheel drive control unit, Onboard supply control unit,
Data bus diagnostic interface, Fuse holder C

- A Battery
- J492 All-wheel drive control unit
- J519 Onboard supply control unit
- J533 Data bus diagnostic interface
- SA Fuse holder A
- SA1 Fuse 1 on fuse holder A
- SC Fuse holder C
- SC11 Fuse 11 on fuse holder C
- T2ax 2-pin connector
- T6c 6-pin connector
- T8y 8-pin connector
- T20a 20-pin connector
- T73a 73-pin connector
- V181 All-wheel drive coupling pump

- 57 Earth point, rear left pillar
- 370 Earth connection 5, in main wiring harness
- 373 Earth connection 8, in main wiring harness
- 684 Earth point on front of left side member
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness
- B466 Connection 2, in main wiring harness
- B672 Connection 1 (running gear/dash panel insert CAN bus, high), in main wiring harness
- B673 Connection 2 (running gear/dash panel insert CAN bus, high), in main wiring harness
- B676 Connection 1 (running gear/dash panel insert CAN bus, low), in main wiring harness
- B677 Connection 2 (running gear/dash panel insert CAN bus, low), in main wiring harness

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple

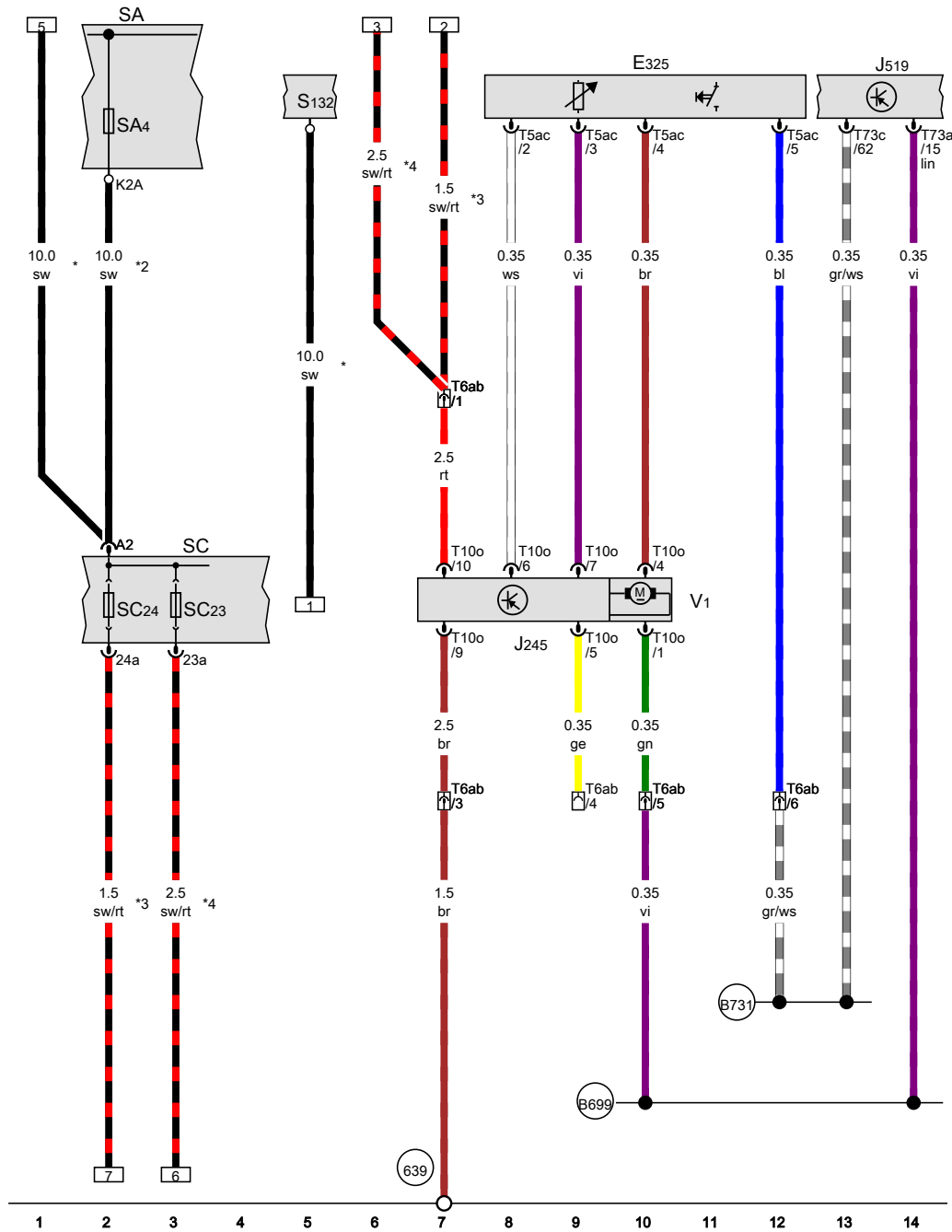
* see applicable current flow diagram for battery in engine compartment

*2 Only models with 5-doors

*3 Only models with 3-doors

Sliding sunroof (open-sky system) , (3FB)

From March 2012



Sunroof button, Sliding sunroof adjustment control unit, Onboard supply control unit, Fuse holder C, Sliding sunroof motor

- E325 Sunroof button
- J245 Sliding sunroof adjustment control unit
- J519 Onboard supply control unit
- SA Fuse holder A
- SA4 Fuse 4 on fuse holder A
- SC23 Fuse 23 on fuse holder C
- SC24 Fuse 24 on fuse holder C
- S132 Fuse 2
- SC Fuse holder C
- T5ac 5-pin connector
- T6ab 6-pin connector
- T10o 10-pin connector
- T73a 73-pin connector
- T73c 73-pin connector
- V1 Sliding sunroof motor

- 639 Earth point, left A-pillar
- B699 Connection 4 (LIN bus) in main wiring harness
- B731 Connection 1 (58s), in main wiring harness

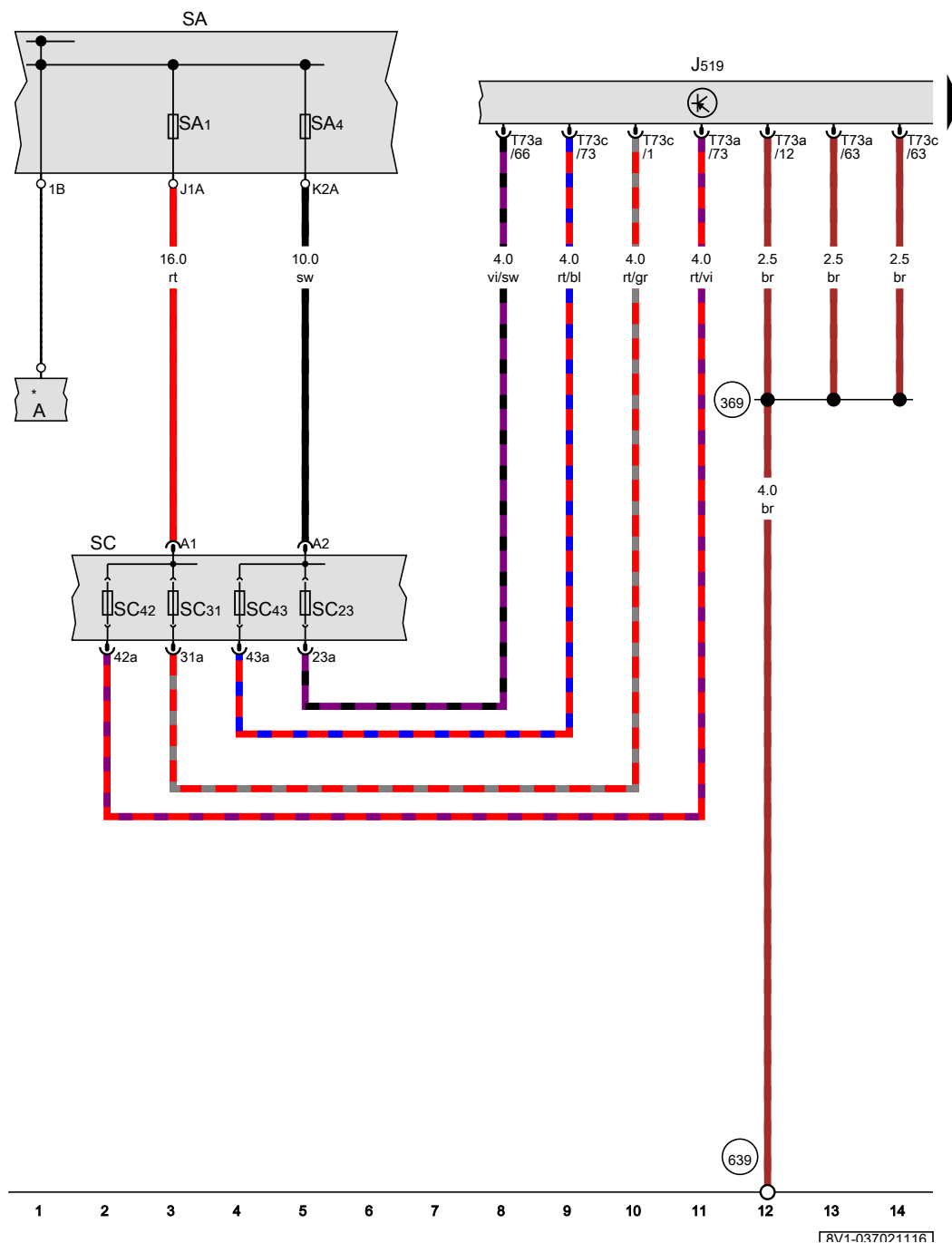
- * Only for RS 3 models
- *2 Not for RS 3 models
- *3 Up to April 2017
- *4 From May 2017

ws = white
sw = black
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bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

18V1-0360204171

Tail light cluster with LED , (8SP),(8SK)

From March 2012

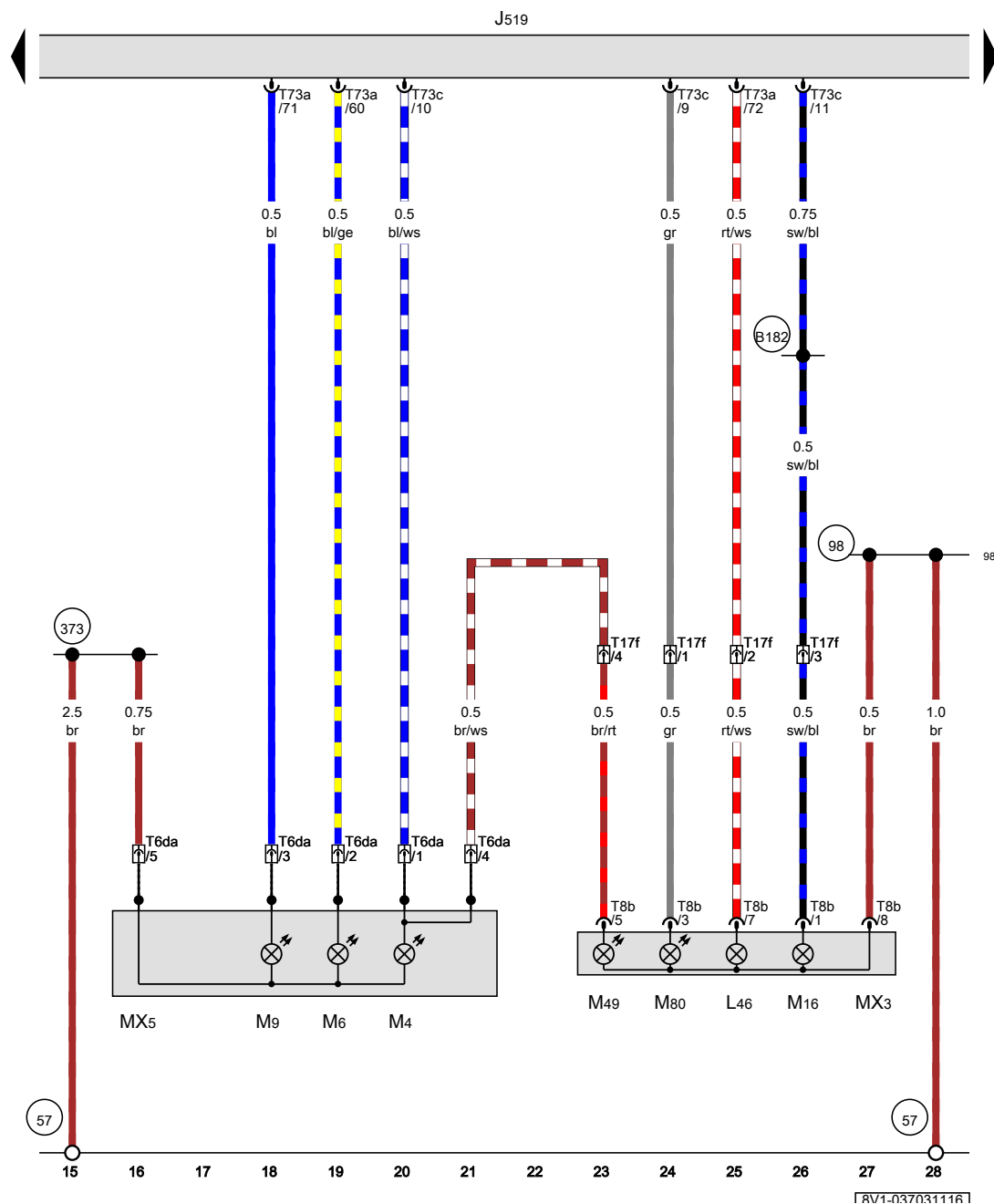


Onboard supply control unit, Fuse holder C

- A Battery
- J519 Onboard supply control unit
- SA Fuse holder A
- SA1 Fuse 1 on fuse holder A
- SA4 Fuse 4 on fuse holder A
- SC Fuse holder C
- SC23 Fuse 23 on fuse holder C
- SC31 Fuse 31 on fuse holder C
- SC42 Fuse 42 on fuse holder C
- SC43 Fuse 43 on fuse holder C
- T73a 73-pin connector
- T73c 73-pin connector
- 369 Earth connection 4, in main wiring harness
- 639 Earth point, left A-pillar
- * see applicable current flow diagram for battery in engine compartment

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 sw = black
 ro = red
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 rs = pink

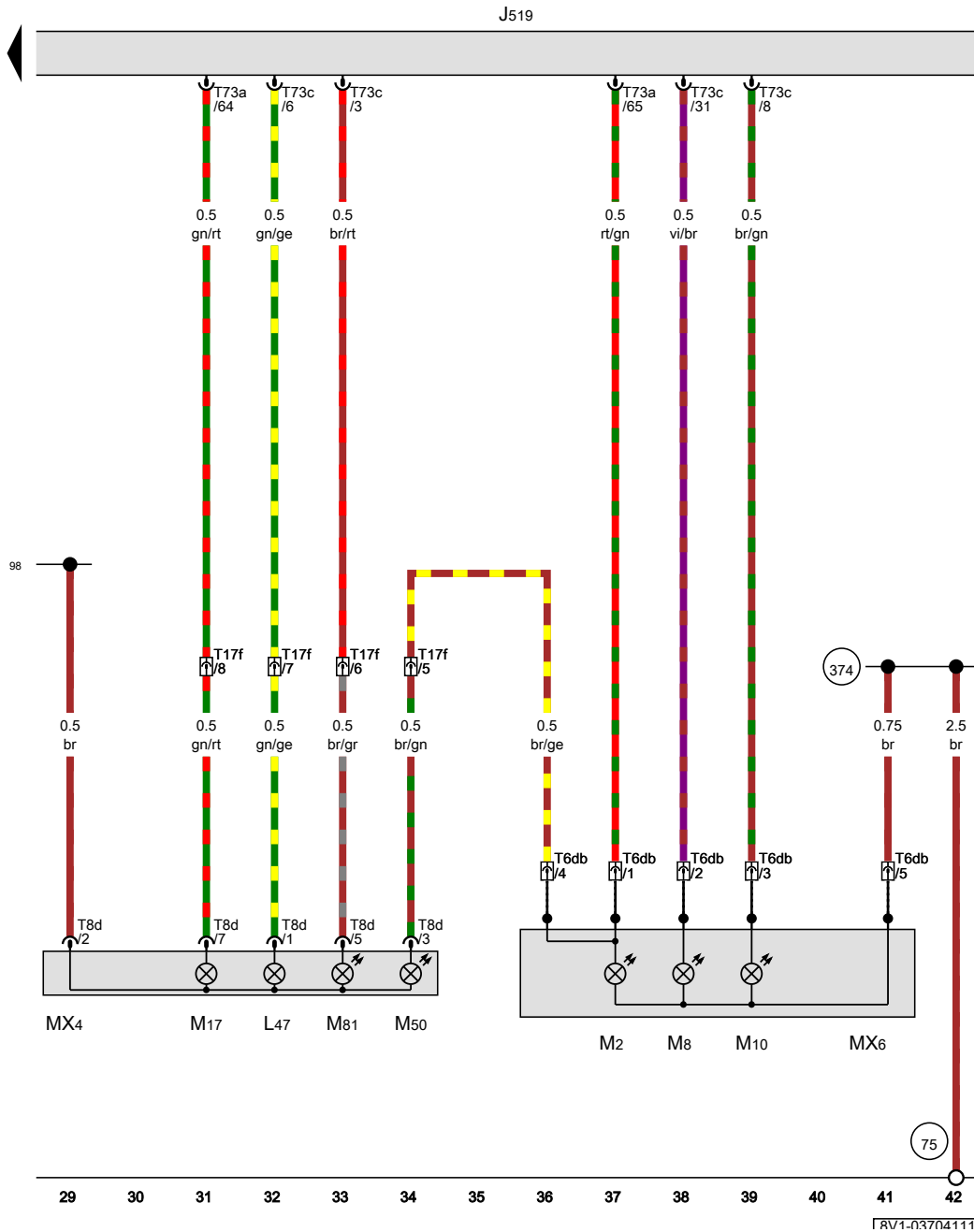
Onboard supply control unit, Left tail light, Left tail light 2



ws = white
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 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
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- J519 Onboard supply control unit
- L46 Rear left fog light bulb
- MX3 Left tail light
- M4 Left tail light bulb
- MX5 Left tail light 2
- M6 Rear left turn signal bulb
- M9 Left brake light bulb
- M16 Left reversing light bulb
- M49 Left tail light bulb 2
- M80 Bulb 2 for rear left turn signal
- T6da 6-pin connector
- T8b 8-pin connector
- T17f 17-pin connector
- T73a 73-pin connector
- T73c 73-pin connector

- 57 Earth point, rear left pillar
- 98 Earth connection, in rear lid wiring harness
- 373 Earth connection 8, in main wiring harness
- B182 Connection (RL), in interior wiring harness



Onboard supply control unit, Right tail light, Right tail light 2

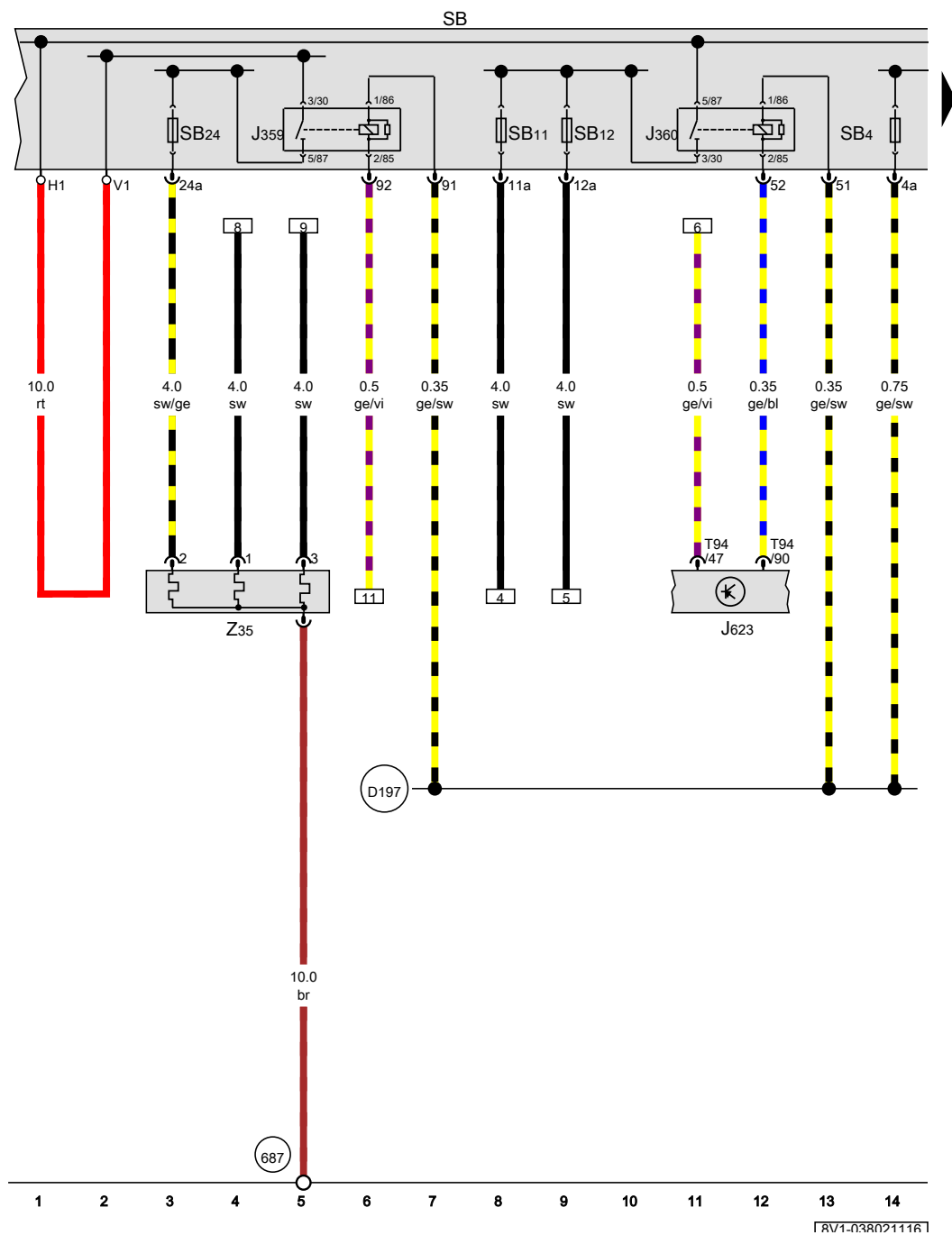
- J519 Onboard supply control unit
- L47 Rear right fog light bulb
- M2 Right tail light bulb
- MX4 Right tail light
- MX6 Right tail light 2
- M8 Rear right turn signal bulb
- M10 Right brake light bulb
- M17 Right reversing light bulb
- M50 Right tail light bulb 2
- M81 Bulb 2 for rear right turn signal
- T6db 6-pin connector
- T8d 8-pin connector
- T17f 17-pin connector
- T73a 73-pin connector
- T73c 73-pin connector

- 75 Earth point, rear right pillar
- 98 Earth connection, in rear lid wiring harness
- 374 Earth connection 9, in main wiring harness

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 ro = red
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 br = brown
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Auxiliary air heater , (7E6)

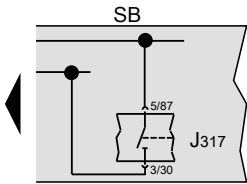
From March 2012



Low heat output relay, High heat output relay, Fuse holder B, Auxiliary air heater element

- J359 Low heat output relay
- J360 High heat output relay
- J623 Engine control unit
- SB Fuse holder B
- SB4 Fuse 4 on fuse holder B
- SB11 Fuse 11 on fuse holder B
- SB12 Fuse 12 on fuse holder B
- SB24 Fuse 24 on fuse holder B
- T94 94-pin connector
- Z35 Auxiliary air heater element
- 687 Earth point 1, on centre tunnel
- D197 Connection 5 (87a), in engine compartment wiring harness

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Terminal 30 voltage supply relay, Fuse holder B

- J317 Terminal 30 voltage supply relay
- SB Fuse holder B

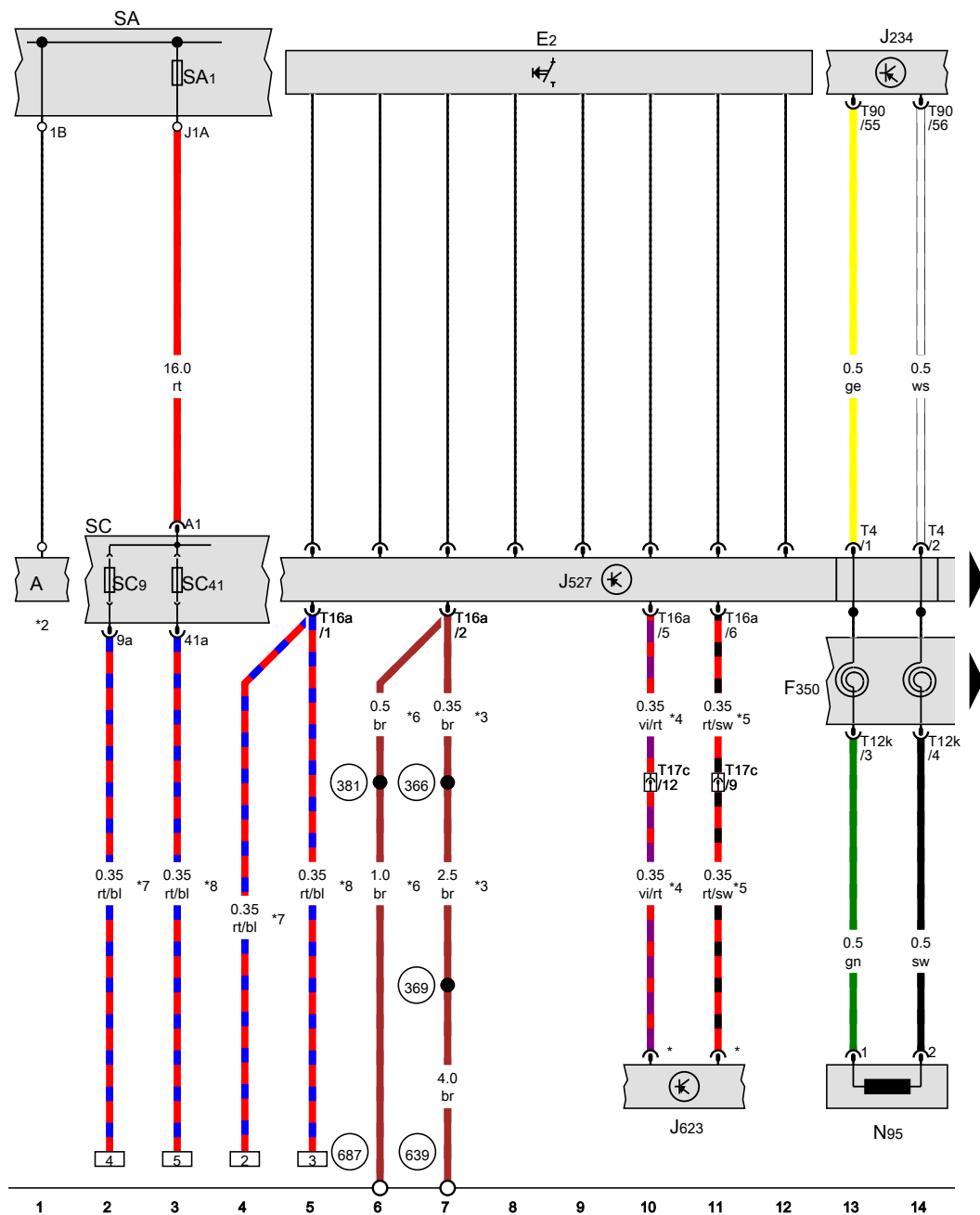
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- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

15 16 17 18 19 20 21 22 23 24 25 26 27 28

[8V1-038031116]

Multifunction steering wheel , (1XW)

From March 2012



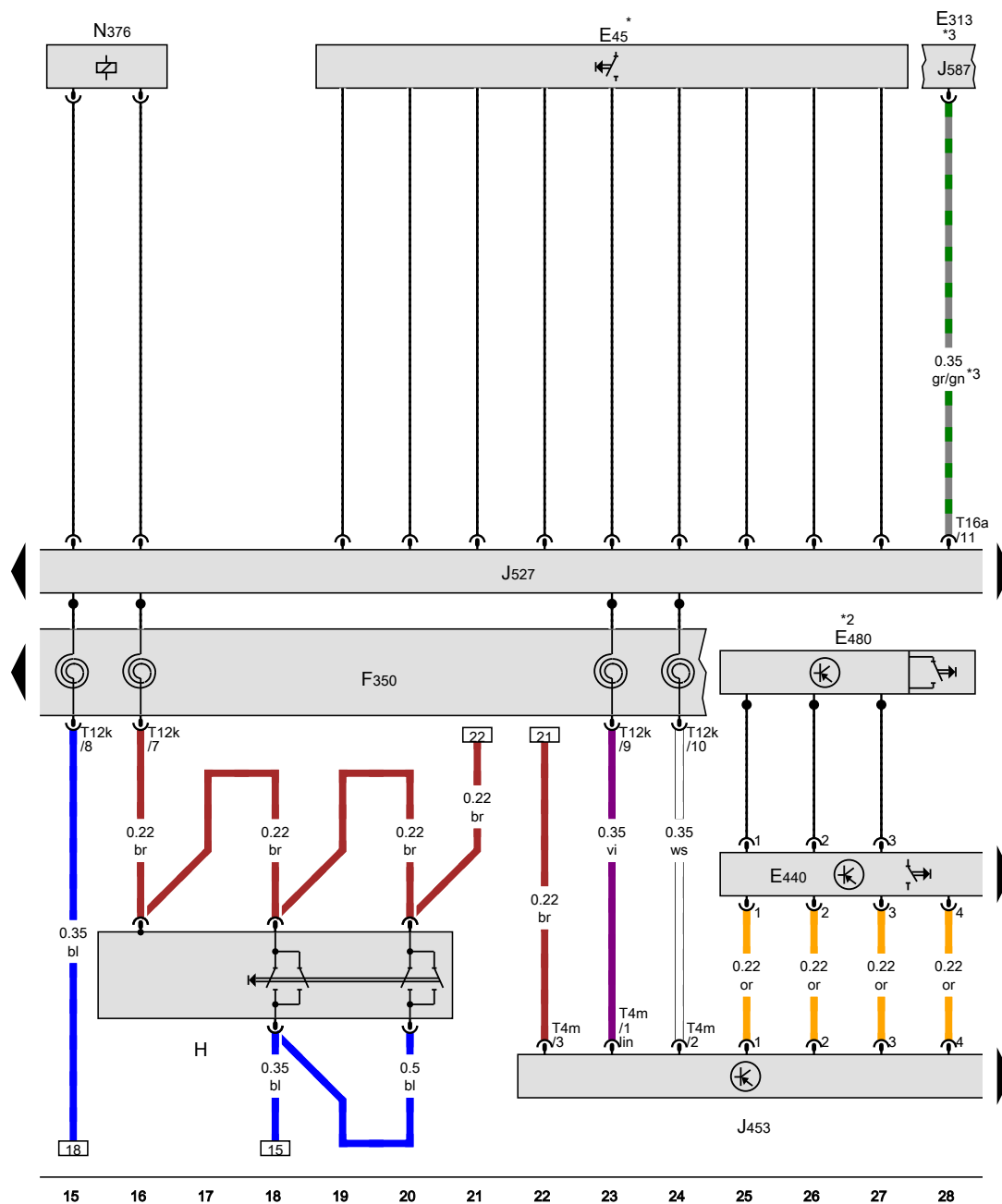
Turn signal switch, Airbag control unit, Steering column electronics control unit, Driver side airbag igniter, Fuse holder C

- A Battery
- E2 Turn signal switch
- F350 Coil connector
- J234 Airbag control unit
- J527 Steering column electronics control unit
- J623 Engine control unit
- N95 Driver side airbag igniter
- SA Fuse holder A
- SA1 Fuse 1 on fuse holder A
- SC Fuse holder C
- SC9 Fuse 9 on fuse holder C
- SC41 Fuse 41 on fuse holder C
- T4 4-pin connector
- T12k 12-pin connector
- T16a 16-pin connector
- T17c 17-pin connector
- T90 90-pin connector

- 366 Earth connection 1, in main wiring harness
- 369 Earth connection 4, in main wiring harness
- 381 Earth connection 16, in main wiring harness
- 639 Earth point, left A-pillar
- 687 Earth point 1, on centre tunnel

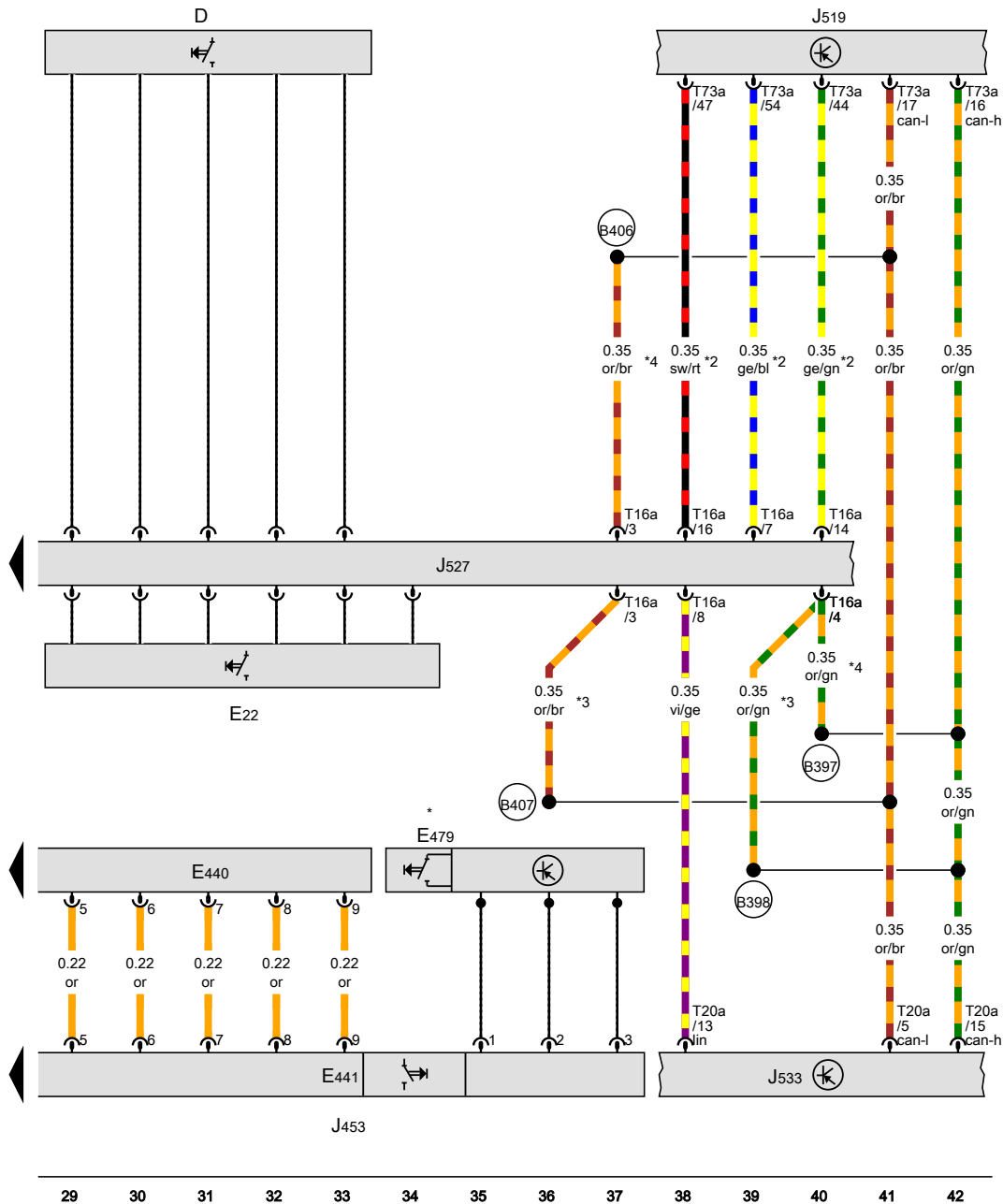
- * see applicable current flow diagram for engine
- *2 see applicable current flow diagram for battery in engine compartment
- *3 Only left-hand drive models
- *4 Only models with cruise control system (CCS)
- *5 Only models with no entry and start authorisation
- *6 Only right-hand drive models
- *7 From May 2013
- *8 Up to April 2013

- ws = white
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Cruise control system switch, Multifunction buttons on left in steering wheel, Tiptronic switch (shift down), Horn plate, Multifunction steering wheel control unit, Steering column electronics control unit

- E45 Cruise control system switch
- E313 Selector lever
- E440 Multifunction buttons on left in steering wheel
- E480 Tiptronic switch (shift down)
- F350 Coil connector
- H Horn plate
- J453 Multifunction steering wheel control unit, in steering wheel
- J527 Steering column electronics control unit
- J587 Selector lever sensors control unit
- N376 Ignition key withdrawal lock solenoid
- T4m 4-pin connector
- T12k 12-pin connector
- T16a 16-pin connector
- * Only models with cruise control system (CCS)
- *2 Only models with Tiptronic
- *3 see applicable current flow diagram for automatic gearbox



Ignition/starter switch, Intermittent wiper switch, Multifunction buttons on left in steering wheel, Multifunction buttons on right in steering wheel, Tiptronic switch (shift up), Multifunction steering wheel control unit, Onboard supply control unit, Steering column electronics control unit, Data bus diagnostic interface

- D Ignition/starter switch
- E22 Intermittent wiper switch
- E440 Multifunction buttons on left in steering wheel
- E441 Multifunction buttons on right in steering wheel
- E479 Tiptronic switch (shift up)
- J453 Multifunction steering wheel control unit, in steering wheel
- J519 Onboard supply control unit
- J527 Steering column electronics control unit
- J533 Data bus diagnostic interface
- T16a 16-pin connector
- T20a 20-pin connector
- T73a 73-pin connector
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness
- * Only models with Tiptronic
- *2 Only models with no entry and start authorisation
- *3 Only right-hand drive models
- *4 Only left-hand drive models

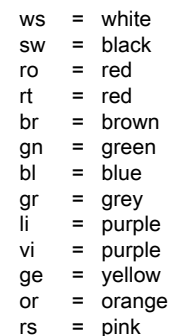
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ge = yellow
or = orange
rs = pink

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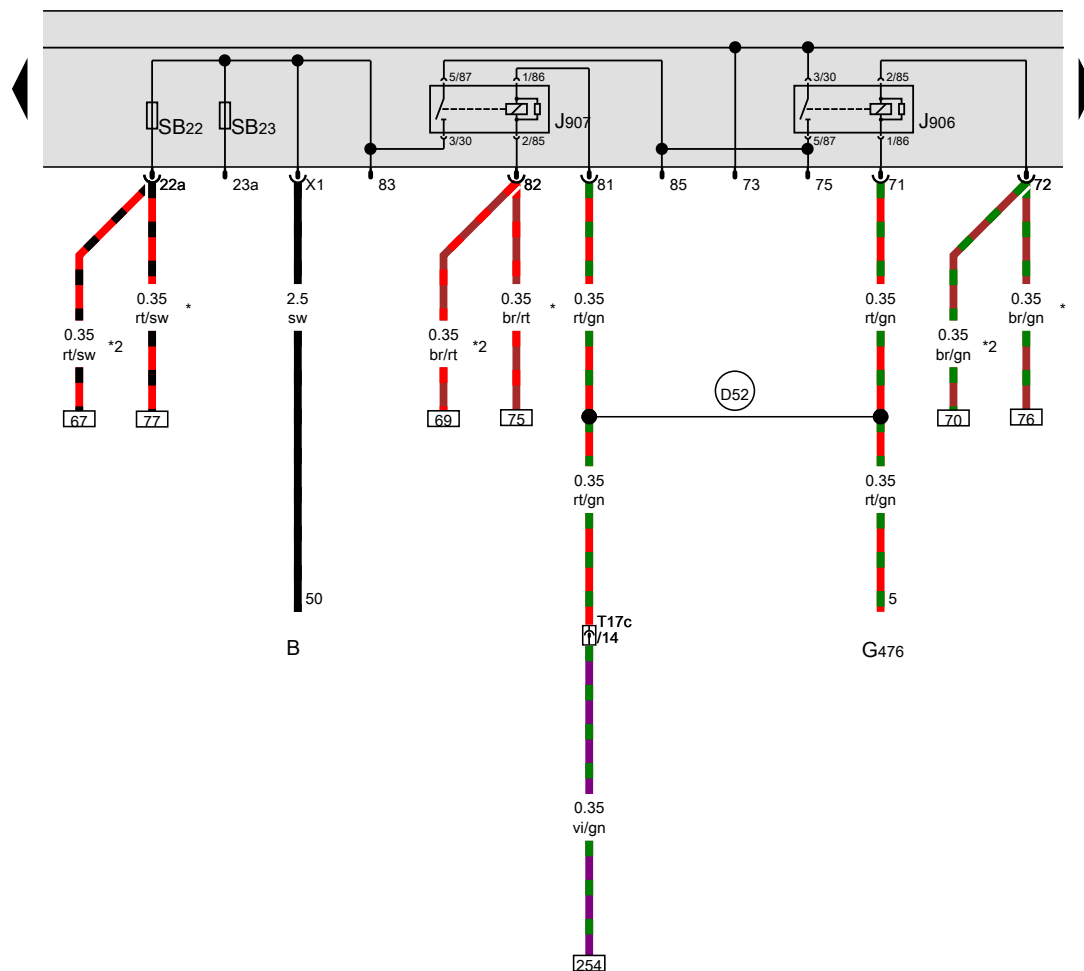


Fuse assignment

From March 2012



- * Only models with start/stop system
- *2 Only models with no start/stop system

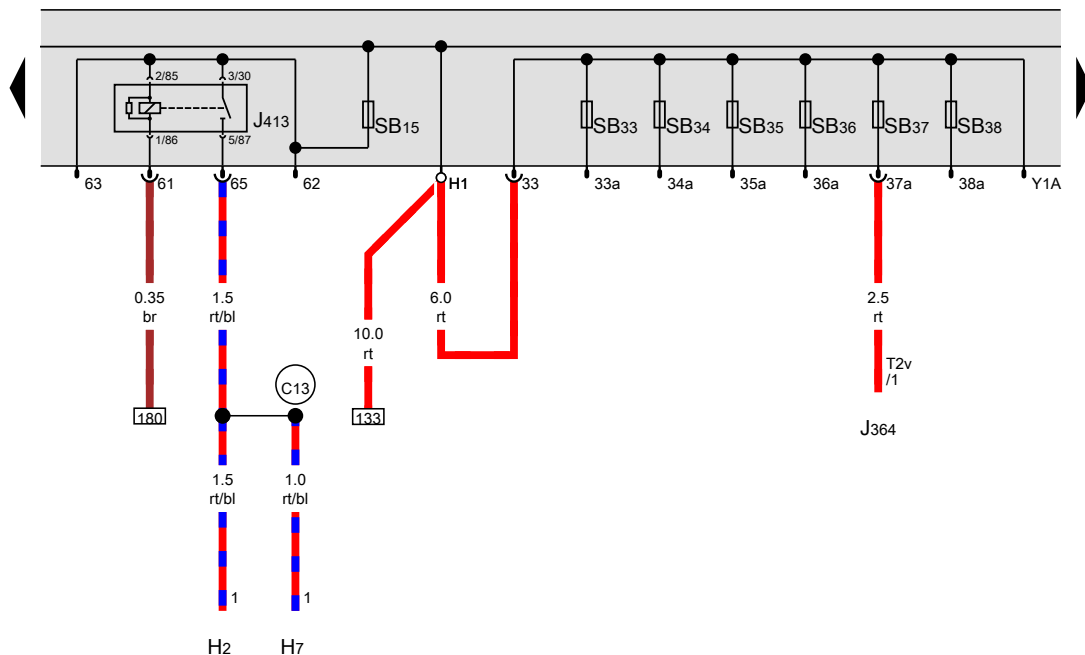


Starter relay 1, Starter relay 2, Fuse 22 on fuse holder B,
Fuse 23 on fuse holder B

- B Starter
- G476 Clutch position sender
- J906 Starter relay 1
- J907 Starter relay 2
- SB22 Fuse 22 on fuse holder B
- SB23 Fuse 23 on fuse holder B
- T17c 17-pin connector
- D52 Positive connection (15a), in engine compartment wiring harness

* Only models with petrol engine
*2 Only models with diesel engine

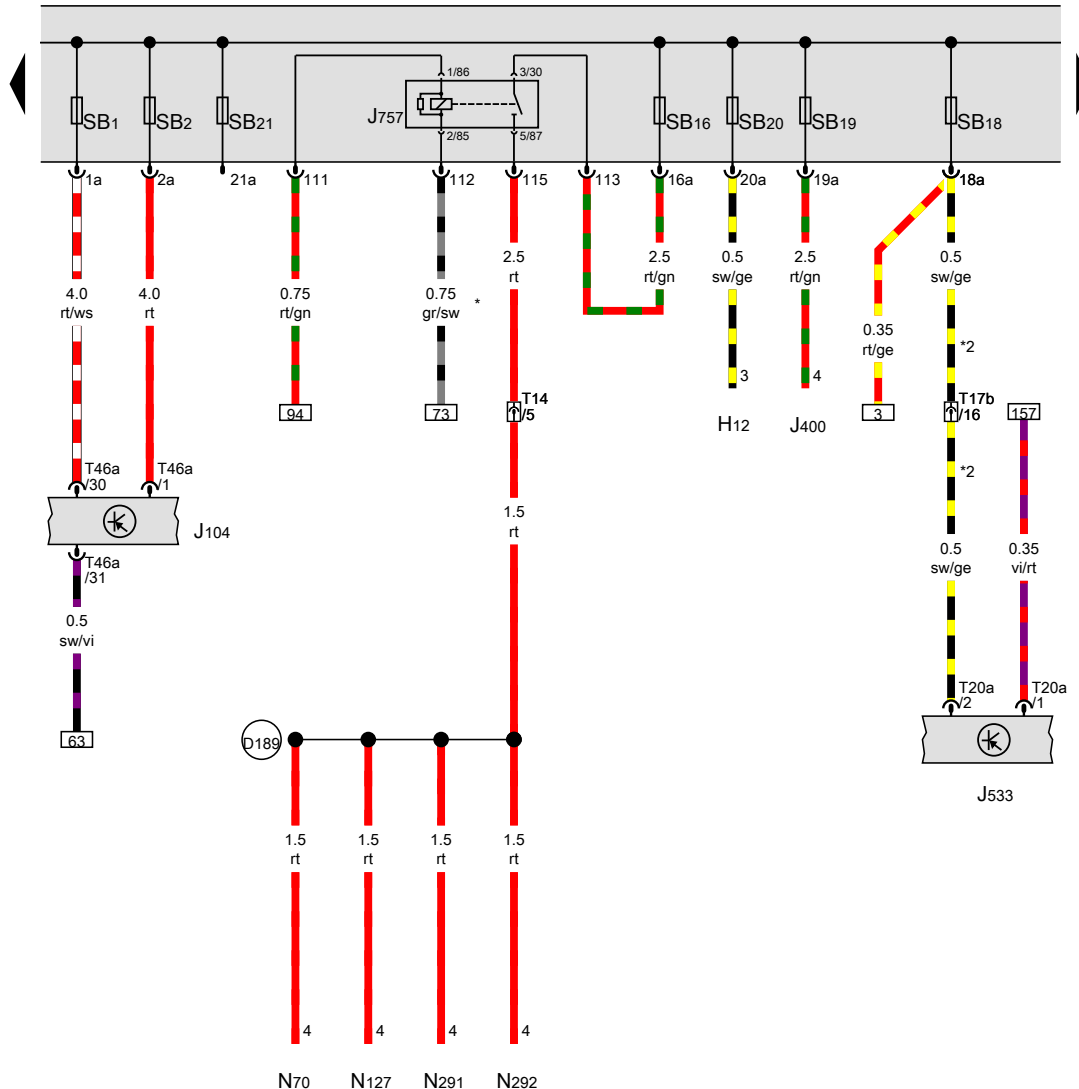
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Treble horn, Bass horn, Auxiliary heater control unit, Horn relay, Fuse 15 on fuse holder B, Fuse 33 on fuse holder B, Fuse 34 on fuse holder B, Fuse 35 on fuse holder B, Fuse 36 on fuse holder B, Fuse 37 on fuse holder B, Fuse 38 on fuse holder B

- H2 Treble horn
- H7 Bass horn
- J364 Auxiliary heater control unit
- J413 Horn relay
- SB15 Fuse 15 on fuse holder B
- SB33 Fuse 33 on fuse holder B
- SB34 Fuse 34 on fuse holder B
- SB35 Fuse 35 on fuse holder B
- SB36 Fuse 36 on fuse holder B
- SB37 Fuse 37 on fuse holder B
- SB38 Fuse 38 on fuse holder B
- T2v 2-pin connector
- C13 Positive connection in dual tone horn wiring harness

ws = white
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 li = purple
 vi = purple
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 or = orange
 rs = pink

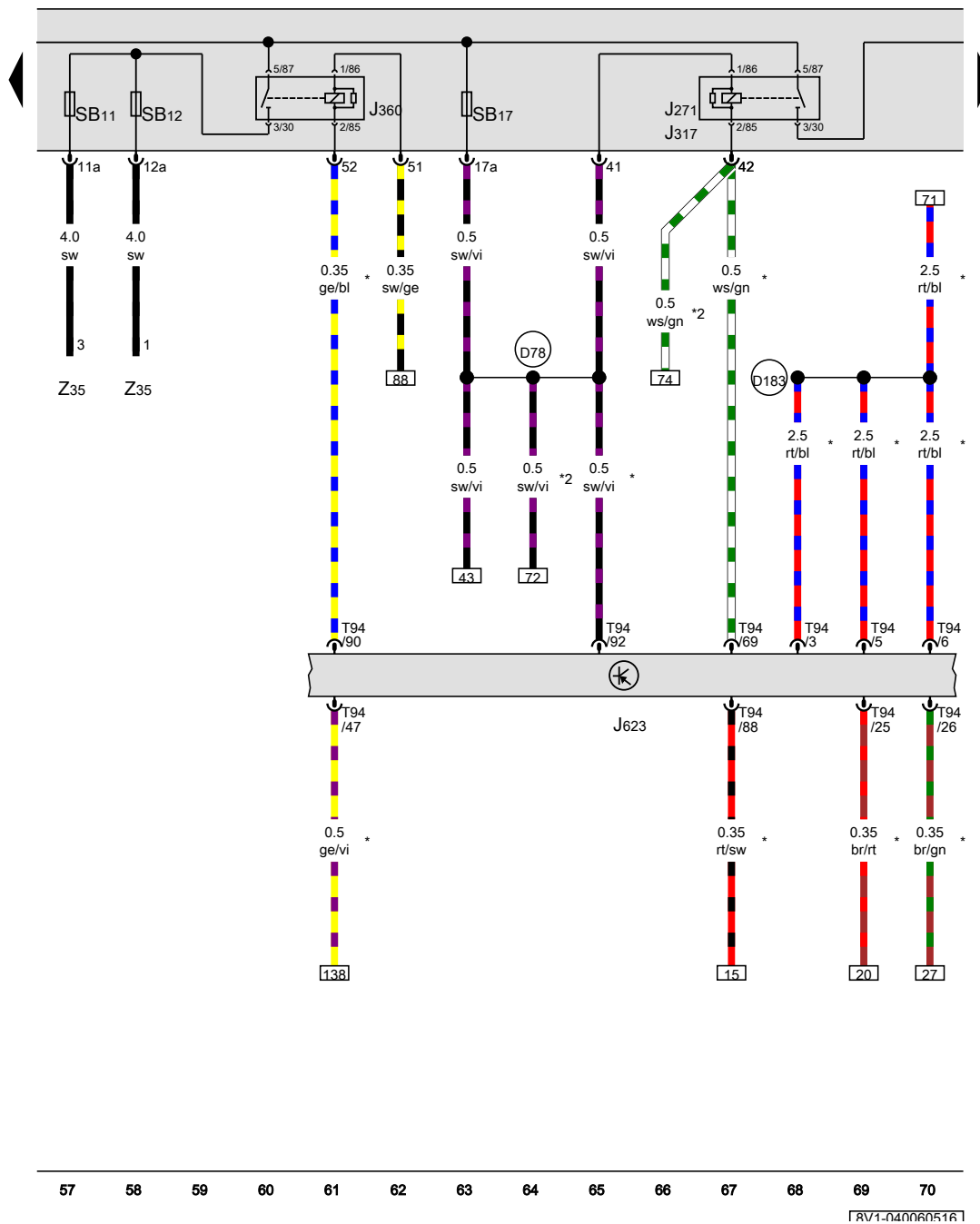


Engine component current supply relay, Fuse 1 on fuse holder B, Fuse 2 on fuse holder B, Fuse 16 on fuse holder B, Fuse 18 on fuse holder B, Fuse 19 on fuse holder B, Fuse 20 on fuse holder B, Fuse 21 on fuse holder B

- H12 Alarm horn
- J104 ABS control unit
- J400 Wiper motor control unit
- J533 Data bus diagnostic interface
- J757 Engine component current supply relay
- N70 Ignition coil 1 with output stage
- N127 Ignition coil 2 with output stage
- N291 Ignition coil 3 with output stage
- N292 Ignition coil 4 with output stage
- SB1 Fuse 1 on fuse holder B
- SB2 Fuse 2 on fuse holder B
- SB16 Fuse 16 on fuse holder B
- SB18 Fuse 18 on fuse holder B
- SB19 Fuse 19 on fuse holder B
- SB20 Fuse 20 on fuse holder B
- SB21 Fuse 21 on fuse holder B
- T14 14-pin connector, near front left longitudinal member, grey
- T17b 17-pin connector
- T20a 20-pin connector
- T46a 46-pin connector

D189 Connection (87a) in engine prewiring harness

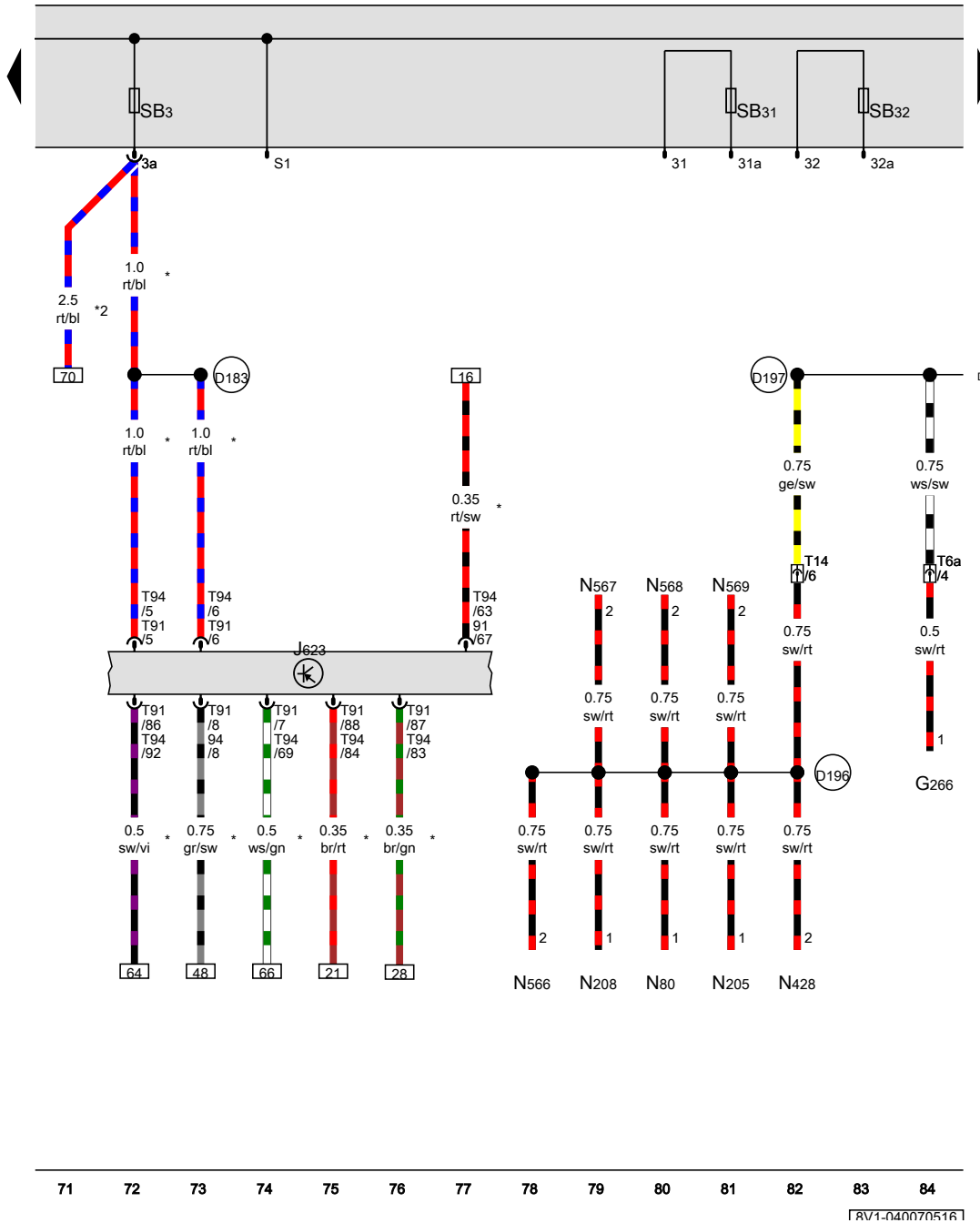
- * Only models with petrol engine
- *2 Only models with no start/stop system



Main relay, Terminal 30 voltage supply relay, High heat output relay, Engine control unit, Fuse 11 on fuse holder B, Fuse 12 on fuse holder B, Fuse 17 on fuse holder B

- J271 Main relay
- J317 Terminal 30 voltage supply relay
- J360 High heat output relay
- J623 Engine control unit
- SB11 Fuse 11 on fuse holder B
- SB12 Fuse 12 on fuse holder B
- SB17 Fuse 17 on fuse holder B
- T94 94-pin connector
- Z35 Auxiliary air heater element
- D78 Positive connection 1 (30a), in engine compartment wiring harness
- D183 Connection 4 (87a), in engine compartment wiring harness
- * Only models with diesel engine
- *2 Only models with petrol engine

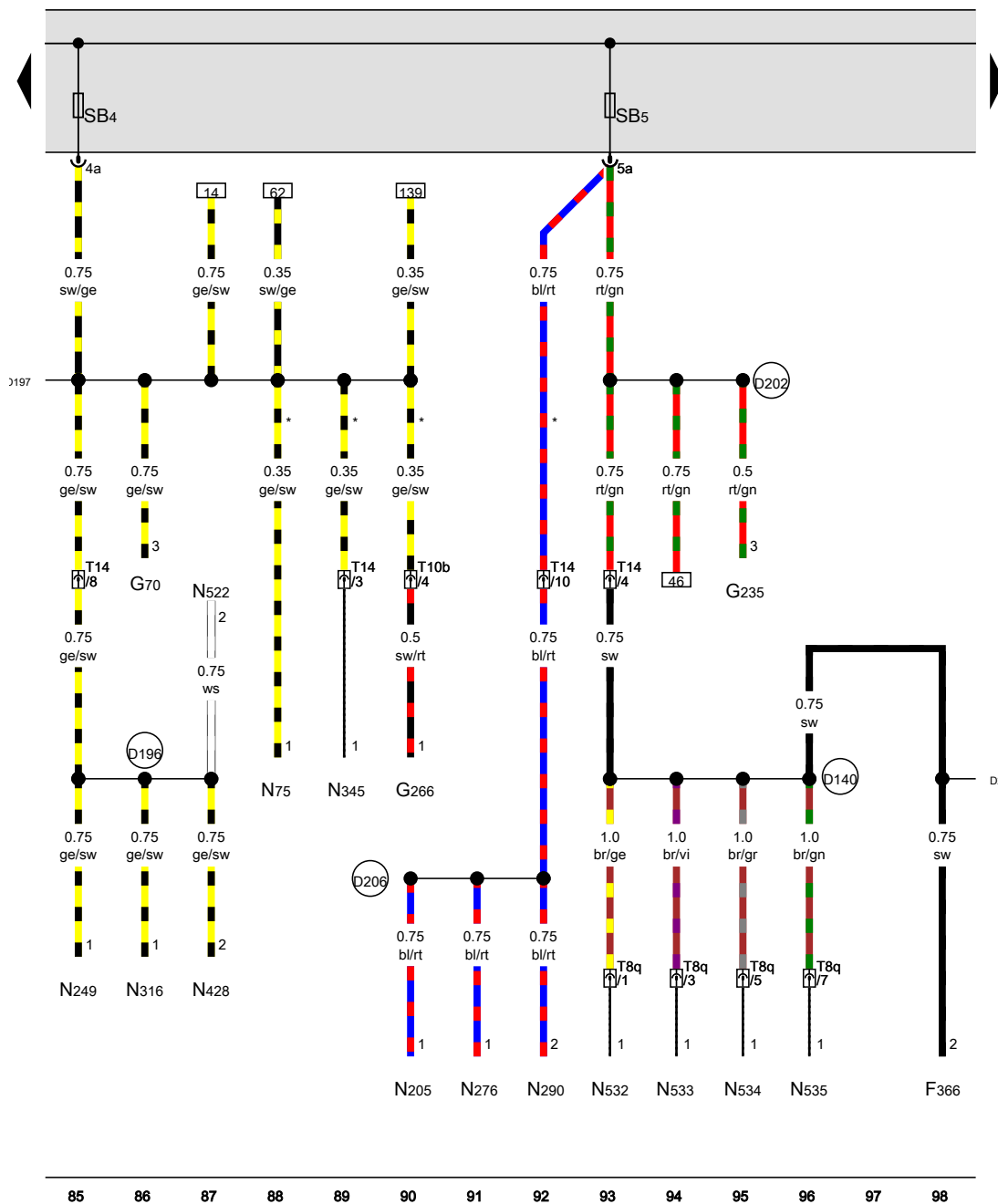
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Engine control unit, Fuse 3 on fuse holder B, Fuse 31 on fuse holder B, Fuse 32 on fuse holder B

- G266 Oil level and oil temperature sender
- J623 Engine control unit
- N80 Activated charcoal filter solenoid valve 1
- N205 Camshaft control valve 1
- N208 Camshaft control valve 2
- N428 Valve for oil pressure control
- N566 Solenoid switch 1 for cylinder shut-off
- N567 Solenoid switch 2 for cylinder shut-off
- N568 Solenoid switch 3 for cylinder shut-off
- N569 Solenoid switch 4 for cylinder shut-off
- SB3 Fuse 3 on fuse holder B
- SB31 Fuse 31 on fuse holder B
- SB32 Fuse 32 on fuse holder B
- T6a 6-pin connector
- T14 14-pin connector, near front left longitudinal member
- T91 91-pin connector
- T94 94-pin connector
- D183 Connection 4 (87a), in engine compartment wiring harness
- D196 Connection 2 (87a) in engine prewiring harness
- D197 Connection 5 (87a), in engine compartment wiring harness
- * Only models with petrol engine
- *2 Only models with diesel engine

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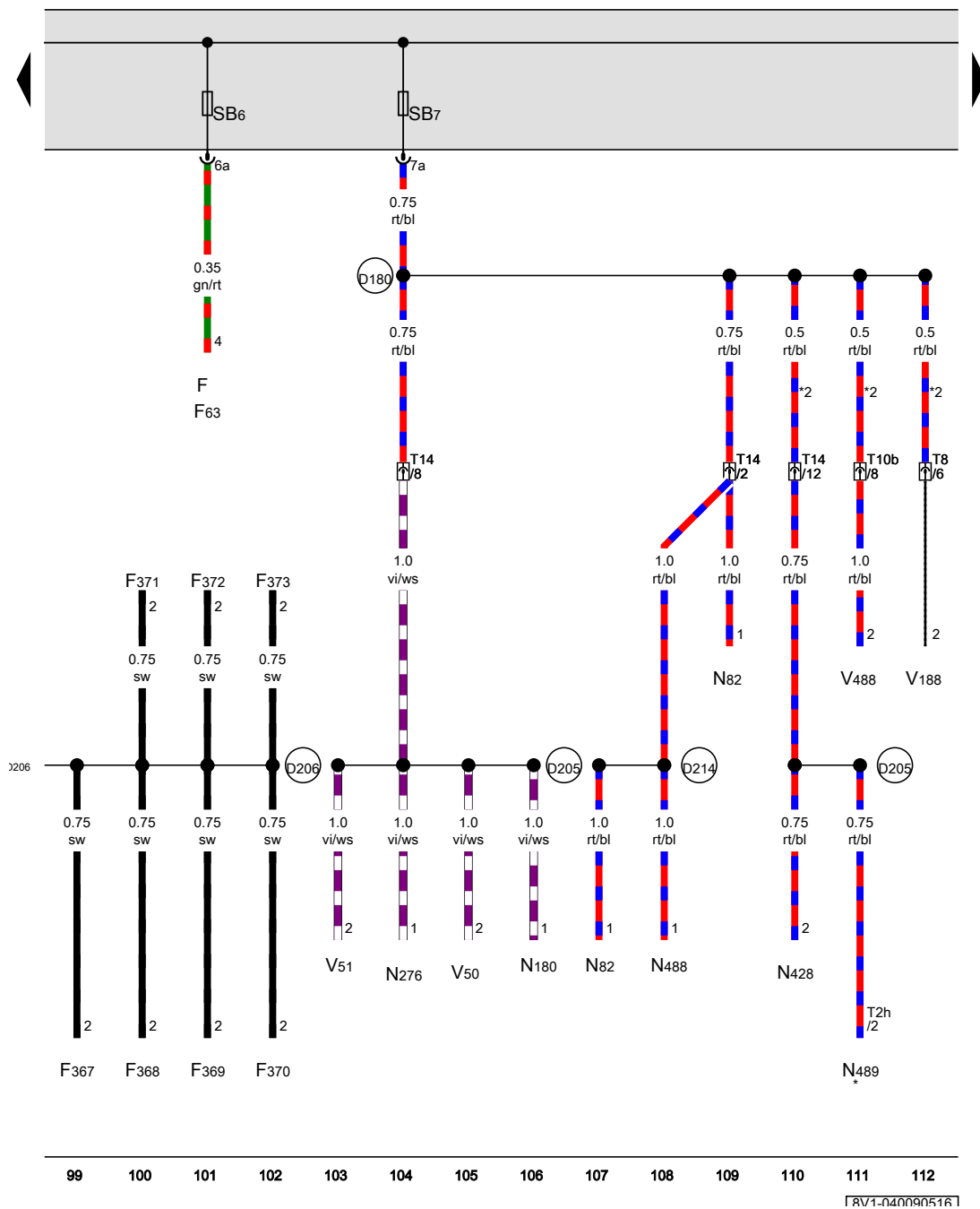


Fuse 4 on fuse holder B, Fuse 5 on fuse holder B

- F366 Actuator 1 for camshaft adjustment
- G70 Air mass meter
- G235 Exhaust gas temperature sender 1
- G266 Oil level and oil temperature sender
- N75 Charge pressure control solenoid valve
- N205 Camshaft control valve 1
- N249 Turbocharger air recirculation valve
- N276 Fuel pressure regulating valve
- N290 Fuel metering valve
- N316 Intake manifold flap valve
- N345 Exhaust gas recirculation cooler changeover valve
- N428 Valve for oil pressure control
- N522 Piston cooling jet control valve
- N532 Injector 2, cylinder 1
- N533 Injector 2, cylinder 2
- N534 Injector 2, cylinder 3
- N535 Injector 2, cylinder 4
- SB4 Fuse 4 on fuse holder B
- SB5 Fuse 5 on fuse holder B
- T8q 8-pin connector
- T10b 10-pin connector
- T14 14-pin connector, near front left longitudinal member

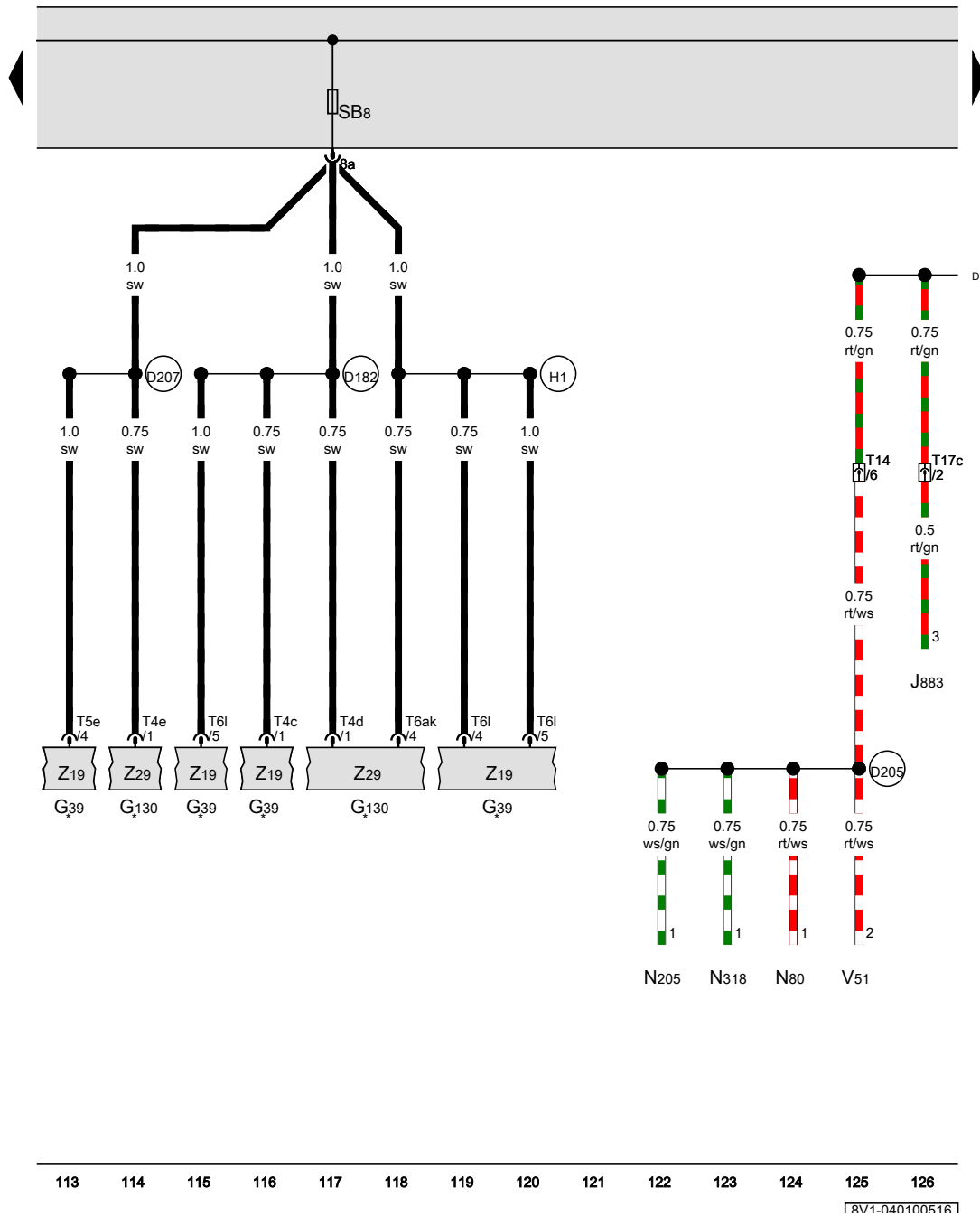
- D140 Connection (injectors), in engine prewiring harness
- D196 Connection 2 (87a) in engine prewiring harness
- D197 Connection 5 (87a), in engine compartment wiring harness
- D202 Connection 6 (87a), in engine compartment wiring harness
- D206 Connection 4 (87a) in engine prewiring harness

* Only models with diesel engine



Fuse 6 on fuse holder B, Fuse 7 on fuse holder B

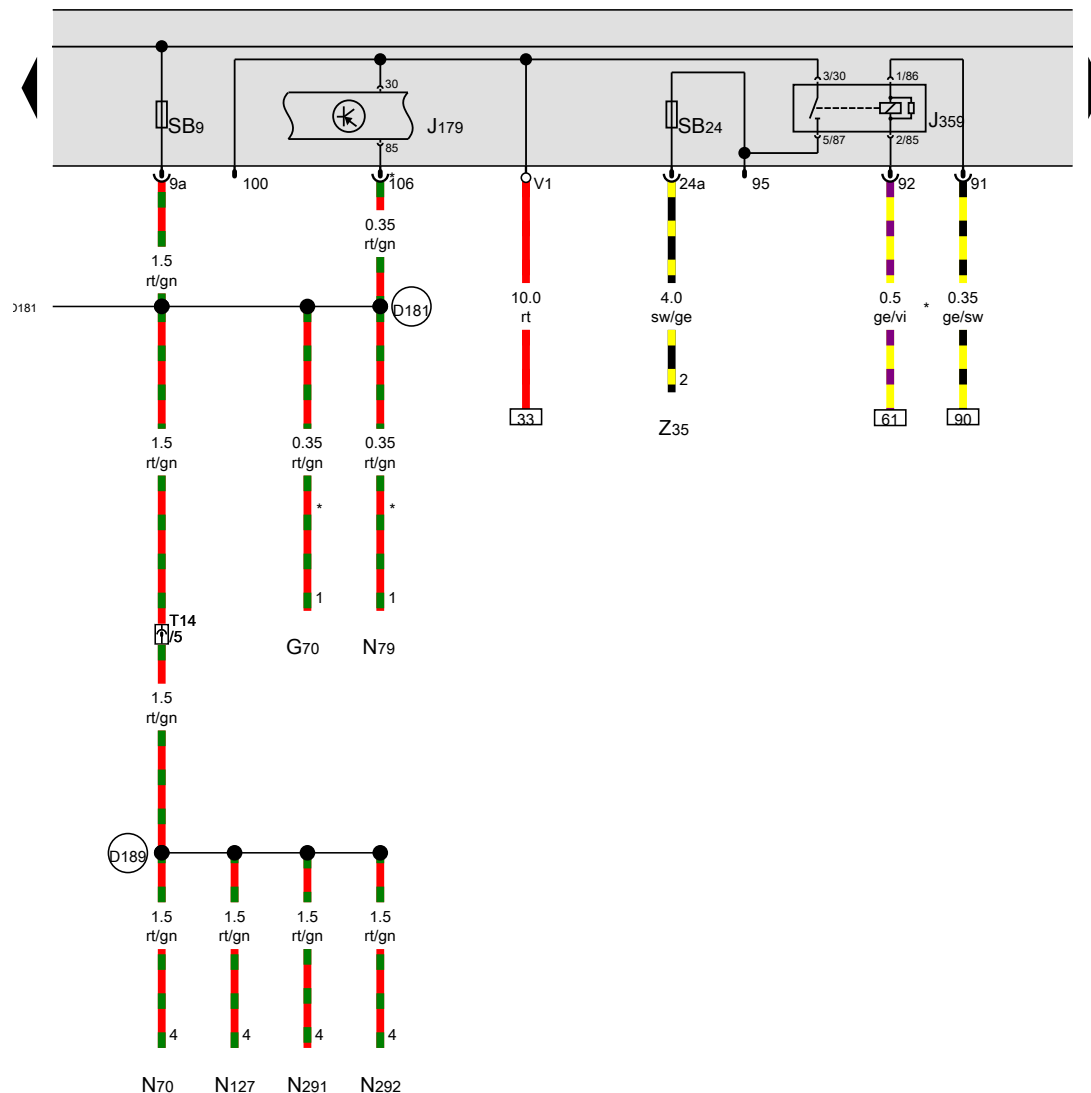
- F Brake light switch
- F63 Brake pedal switch
- F367 Actuator 2 for camshaft adjustment
- F368 Actuator 3 for camshaft adjustment
- F369 Actuator 4 for camshaft adjustment
- F370 Actuator 5 for camshaft adjustment
- F371 Actuator 6 for camshaft adjustment
- F372 Actuator 7 for camshaft adjustment
- F373 Actuator 8 for camshaft adjustment
- N82 Coolant shut-off valve
- N180 Changeover valve
- N276 Fuel pressure regulating valve
- N428 Valve for oil pressure control
- N488 Coolant valve for gearbox
- N489 Coolant valve for cylinder head
- SB6 Fuse 6 on fuse holder B
- SB7 Fuse 7 on fuse holder B
- T2h 2-pin connector
- T8 8-pin connector
- T10b 10-pin connector
- T14 14-pin connector, near front left longitudinal member
- V50 Coolant circulation pump
- V51 Continued coolant circulation pump
- V188 Charge air cooling pump
- V488 Auxiliary pump for heating
- D180 Connection (87a), in engine compartment wiring harness
- D205 Connection 3 (87a) in engine prewiring harness
- D206 Connection 4 (87a) in engine prewiring harness
- D214 Connection 8 (87a), in engine compartment wiring harness
- * Pre-wired component
- *2 Only models with diesel engine



Fuse 8 on fuse holder B

- G39 Lambda probe
- G130 Lambda probe after catalytic converter
- J883 Exhaust flap control unit
- N80 Activated charcoal filter solenoid valve 1
- N205 Camshaft control valve 1
- N318 Exhaust camshaft control valve 1
- SB8 Fuse 8 on fuse holder B
- T4c 4-pin connector, brown
- T4d 4-pin connector, black
- T4e 4-pin connector, black
- T5e 5-pin connector
- T6ak 6-pin connector
- T6l 6-pin connector, black
- T14 14-pin connector, near front left longitudinal member
- T17c 17-pin connector
- V51 Continued coolant circulation pump
- Z19 Lambda probe heater
- Z29 Lambda probe 1 heater after catalytic converter
- D181 Connection 2 (87a), in engine compartment wiring harness
- D182 Connection 3 (87a), in engine compartment wiring harness
- D205 Connection 3 (87a) in engine prewiring harness
- D207 Connection 7 (87a), in engine compartment wiring harness
- H1 Positive connection, in Lambda wiring harness
- * Pre-wired component

ws = white
 sw = black
 ro = red
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 gr = grey
 li = purple
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Automatic glow period control unit, Low heat output relay,
Fuse 9 on fuse holder B, Fuse 24 on fuse holder B

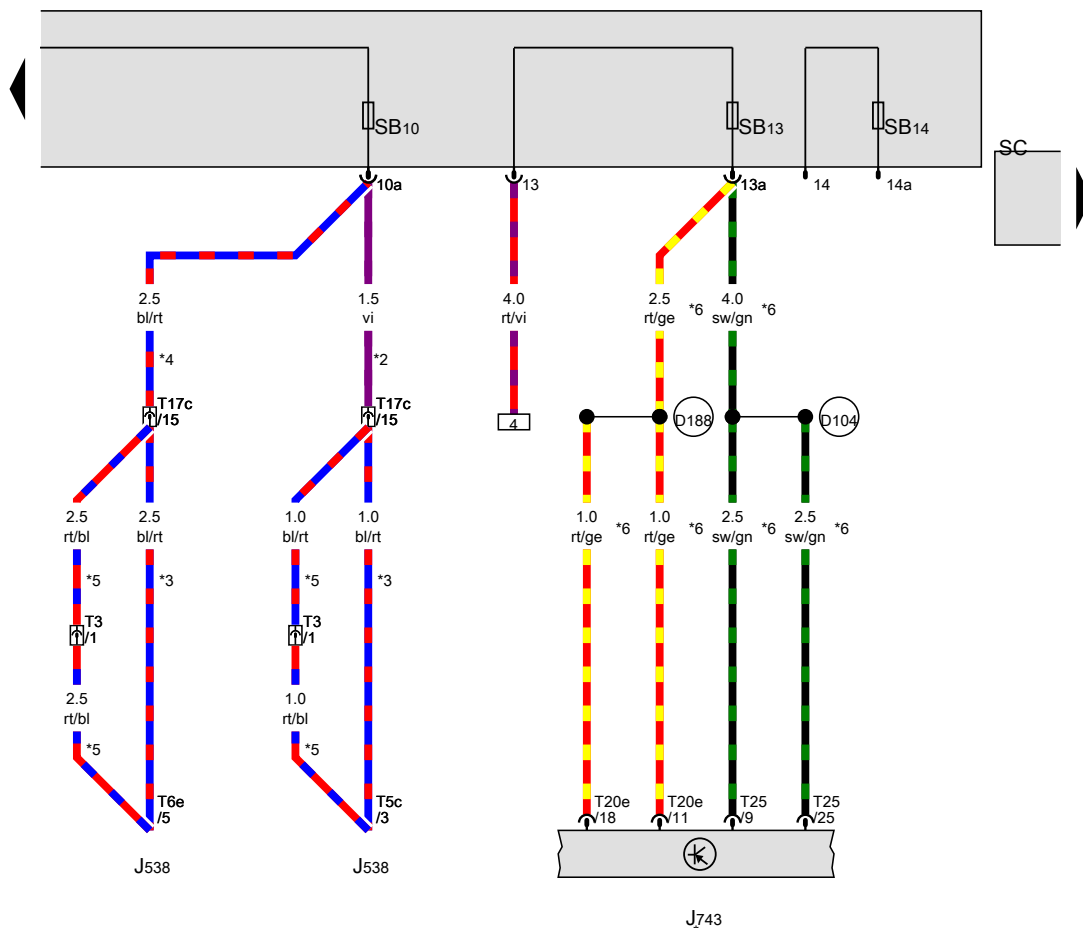
- G70 Air mass meter
- J179 Automatic glow period control unit
- J359 Low heat output relay
- N70 Ignition coil 1 with output stage
- N79 Heater element for crankcase breather
- N127 Ignition coil 2 with output stage
- N291 Ignition coil 3 with output stage
- N292 Ignition coil 4 with output stage
- SB9 Fuse 9 on fuse holder B
- SB24 Fuse 24 on fuse holder B
- T14 14-pin connector, near front left longitudinal member
- Z35 Auxiliary air heater element

D181 Connection 2 (87a), in engine compartment wiring harness

D189 Connection (87a) in engine prewiring harness

* Only models with diesel engine

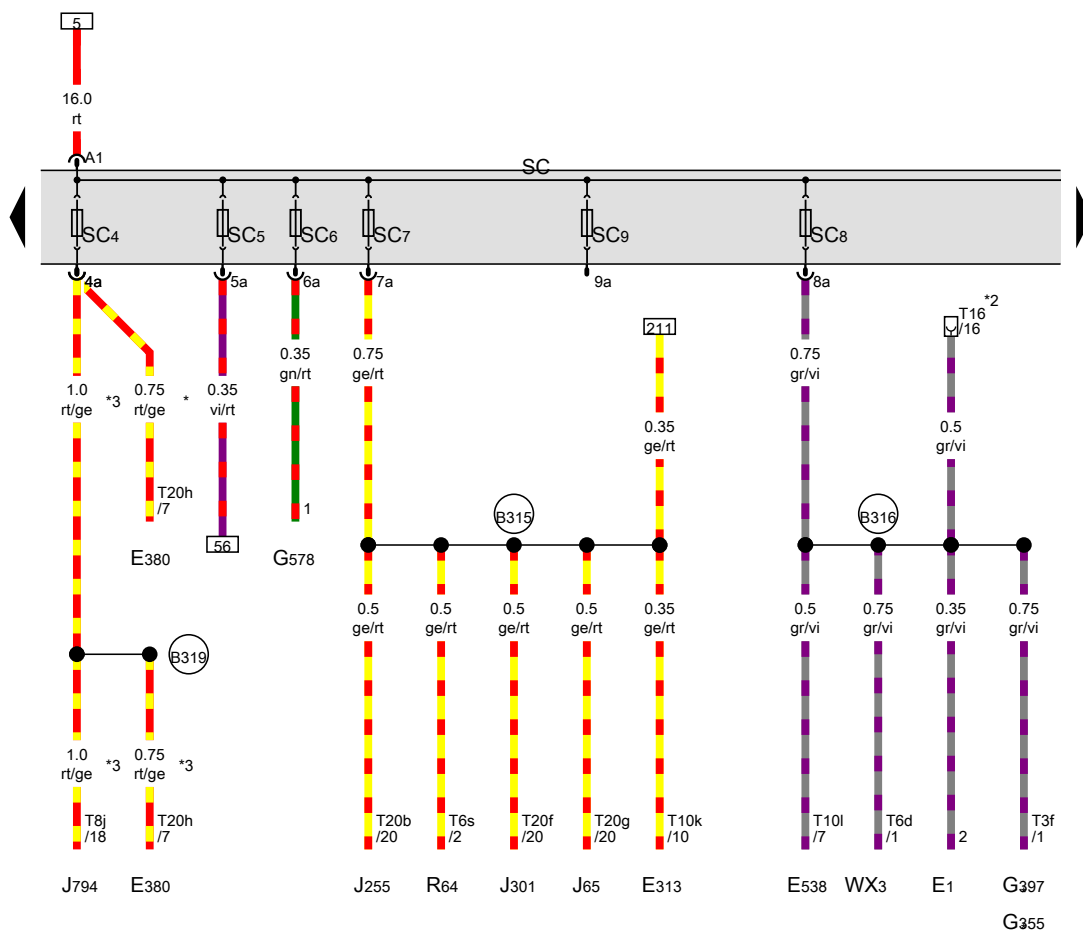
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Fuse 10 on fuse holder B, Fuse 13 on fuse holder B, Fuse 14 on fuse holder B, Fuse holder C

- J538 Fuel pump control unit
- J743 Mechatronic unit for dual clutch gearbox
- SB10 Fuse 10 on fuse holder B
- SB13 Fuse 13 on fuse holder B
- SB14 Fuse 14 on fuse holder B
- SC Fuse holder C
- T3 3-pin connector
- T5c 5-pin connector
- T6e 6-pin connector
- T17c 17-pin connector
- T20e 20-pin connector
- T25 25-pin connector
- D104 Positive connection 2 (30a), in engine compartment wiring harness
- D188 Positive connection 3 (30a), in engine compartment wiring harness
- * see applicable current flow diagram for dual clutch gearbox
- *2 Only models with petrol engine
- *3 Only models with no all-wheel drive
- *4 Only models with diesel engine
- *5 Only models with all-wheel drive
- *6 According to equipment

ws = white
 sw = black
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 rs = pink



Fuse holder C

- E1 Light switch
- E313 Selector lever
- E380 Multimedia system operating unit
- E538 Electromechanical parking brake button
- G355 Humidity sender
- G397 Rain and light sensor
- G578 Anti-theft alarm sensor
- J65 Heater control unit
- J255 Climatronic control unit
- J301 Air conditioning system control unit
- J794 Control unit 1 for information electronics
- R64 Remote control receiver for auxiliary heater
- SC Fuse holder C
- SC4 Fuse 4 on fuse holder C
- SC5 Fuse 5 on fuse holder C
- SC6 Fuse 6 on fuse holder C
- SC7 Fuse 7 on fuse holder C
- SC8 Fuse 8 on fuse holder C
- SC9 Fuse 9 on fuse holder C
- T3f 3-pin connector
- T6d 6-pin connector
- T6s 6-pin connector
- T8j 8-pin connector
- T10k 10-pin connector
- T10l 10-pin connector
- T16 16-pin connector
- T20b 20-pin connector
- T20f 20-pin connector
- T20g 20-pin connector
- T20h 20-pin connector
- WX3 Front roof module

B315 Positive connection 1 (30a) in main wiring harness

B316 Positive connection 2 (30a) in main wiring harness

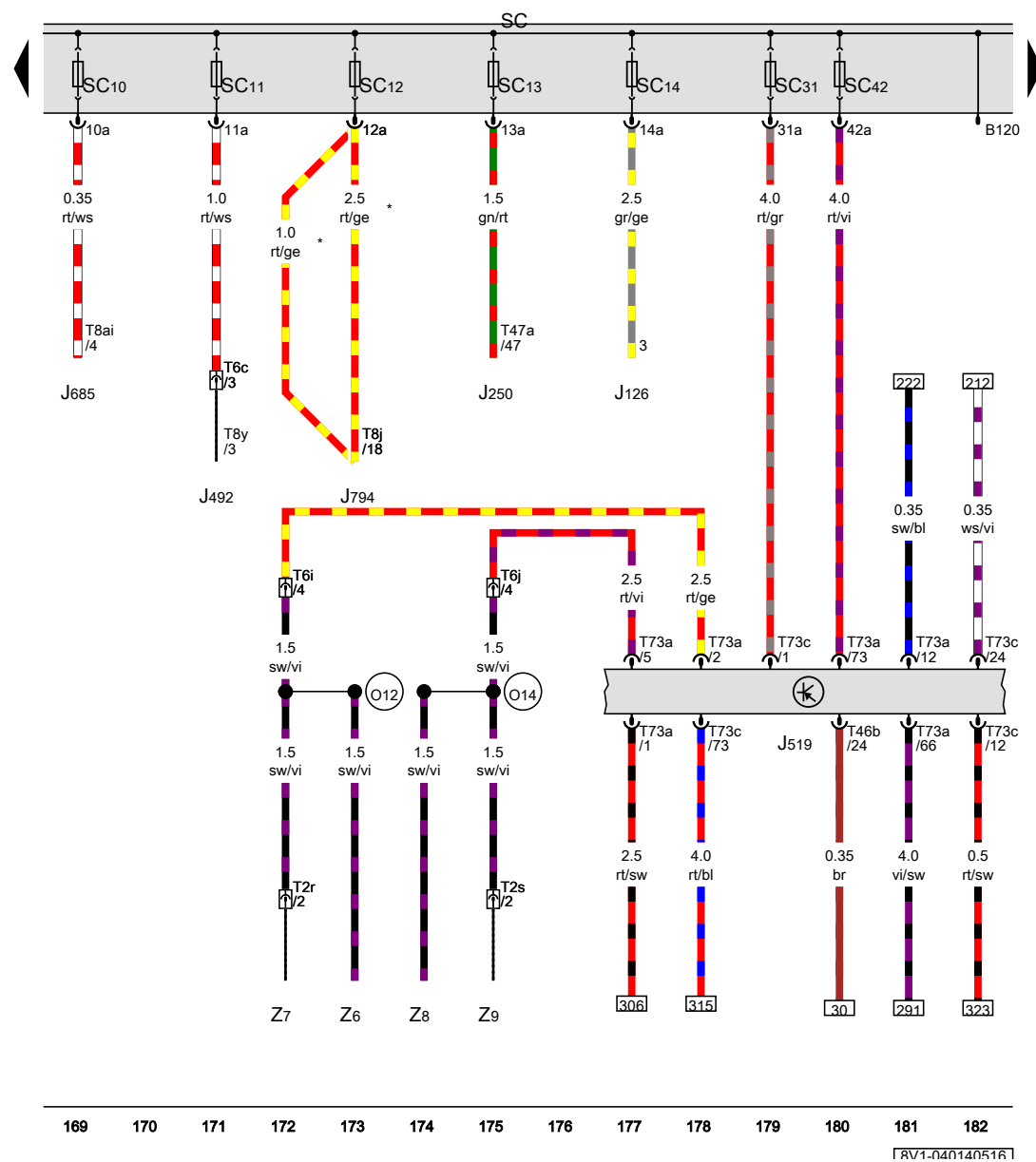
B319 Positive connection 5 (30a) in main wiring harness

* According to equipment

*2 Diagnostic connection

*3 Only models with Bang & Olufsen sound system

ws = white
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 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



Fuse holder C

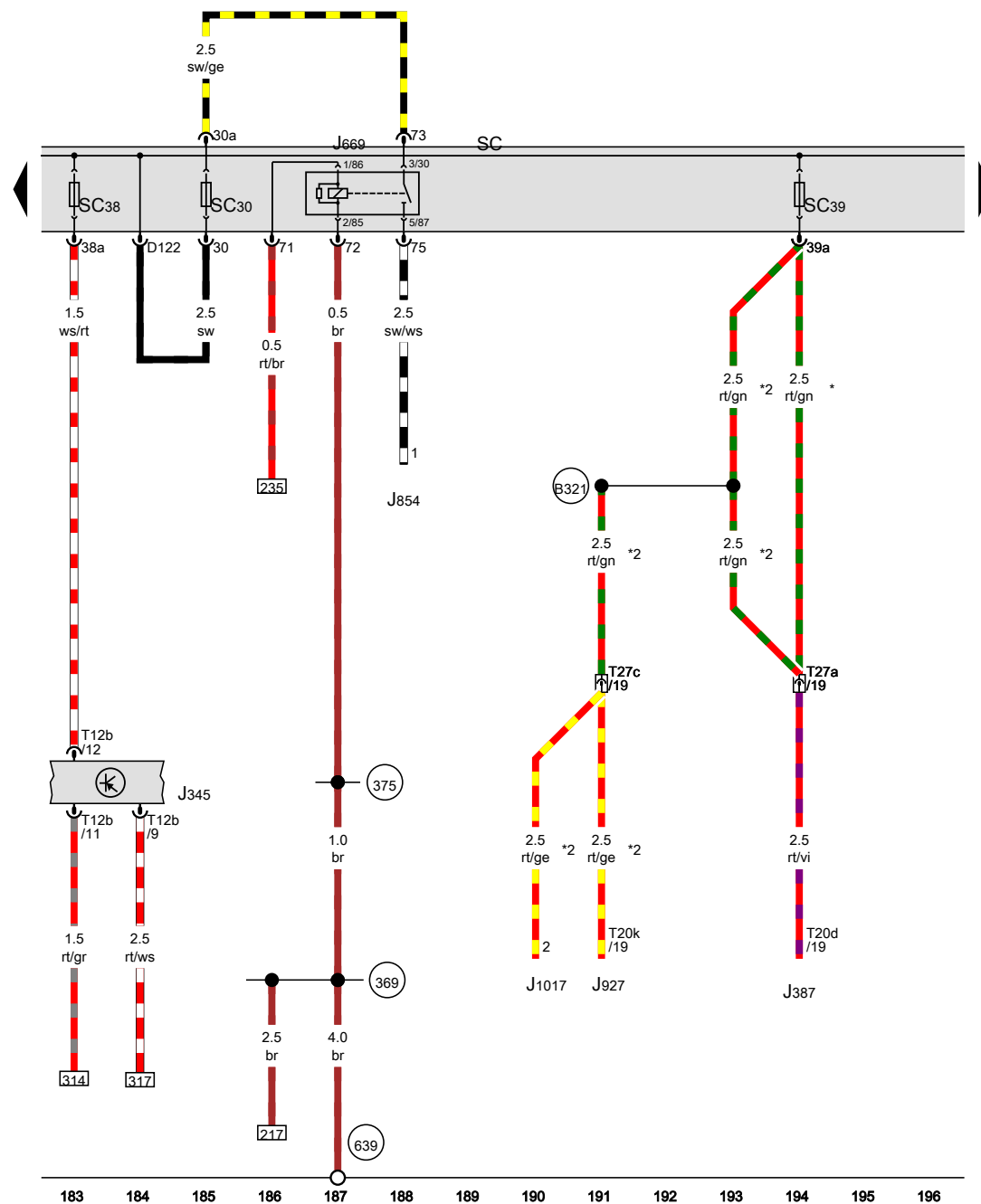
- J126 Fresh air blower control unit
- J250 Electronically controlled damping control unit
- J492 All-wheel drive control unit
- J519 Onboard supply control unit
- J685 Display unit for front information display and operating unit control unit
- J794 Control unit 1 for information electronics
- SC Fuse holder C
- SC10 Fuse 10 on fuse holder C
- SC11 Fuse 11 on fuse holder C
- SC12 Fuse 12 on fuse holder C
- SC13 Fuse 13 on fuse holder C
- SC14 Fuse 14 on fuse holder C
- SC31 Fuse 31 on fuse holder C
- SC42 Fuse 42 on fuse holder C
- T2r 2-pin connector
- T2s 2-pin connector
- T6c 6-pin connector
- T6i 6-pin connector
- T6j 6-pin connector
- T8ai 8-pin connector
- T8j 8-pin connector
- T8y 8-pin connector
- T46b 46-pin connector
- T47a 47-pin connector
- T73a 73-pin connector
- T73c 73-pin connector
- Z6 Heated seat cushion for driver seat
- Z7 Heated backrest for driver seat
- Z8 Heated seat cushion for front passenger seat
- Z9 Heated backrest for front passenger seat

O12 Connection 1, in seat heating wiring harness

O14 Connection 3, in seat heating wiring harness

* According to equipment

ws = white
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Seat belt tensioner relay, Fuse holder C

- J345 Trailer detector control unit
- J387 Front passenger door control unit
- J669 Seat belt tensioner relay
- J854 Control unit for front left belt tensioner
- J927 Rear passenger side door control unit
- J1017 Control unit with rear passenger side window regulator motor
- SC Fuse holder C
- SC30 Fuse 30 on fuse holder C
- SC38 Fuse 38 on fuse holder C
- SC39 Fuse 39 on fuse holder C
- T12b 12-pin connector
- T20d 20-pin connector
- T20k 20-pin connector
- T27a 27-pin connector, on right A-pillar
- T27c 27-pin connector, on left A-pillar

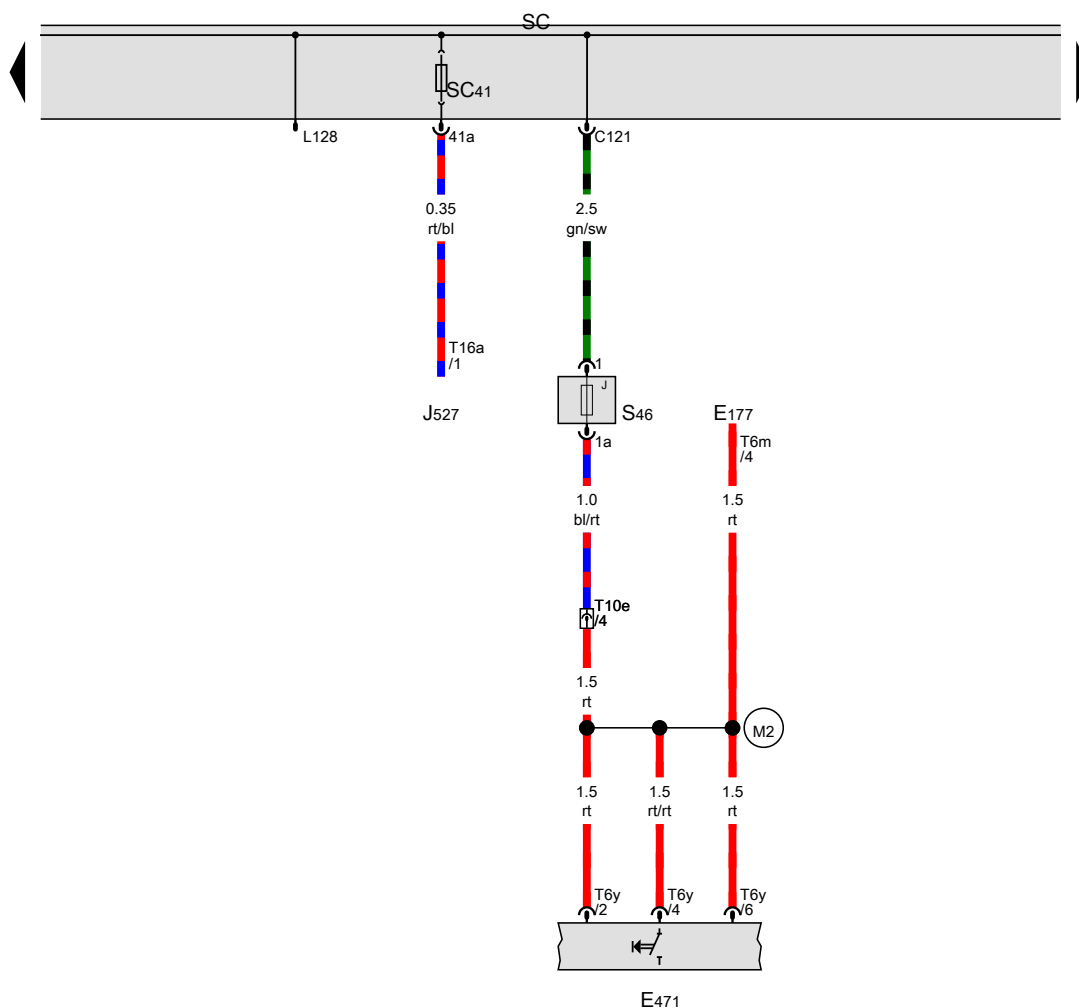
- 369 Earth connection 4, in main wiring harness
- 375 Earth connection 10, in main wiring harness
- 639 Earth point, left A-pillar
- B321 Positive connection 7 (30a) in main wiring harness
- * Only models with 3-doors
- *2 Only models with 5-doors

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Front passenger seat adjustment thermal fuse 1, Fuse holder C

- E177 Front passenger seat lumbar support adjustment switch
- E471 Front passenger seat adjustment operating unit
- J527 Steering column electronics control unit
- S46 Front passenger seat adjustment thermal fuse 1
- SC Fuse holder C
- SC41 Fuse 41 on fuse holder C
- T6m 6-pin connector
- T6y 6-pin connector
- T10e 10-pin connector, in coupling point for front seat, right
- T16a 16-pin connector

M2 Positive connection 2 (30), in seat adjustment wiring harness



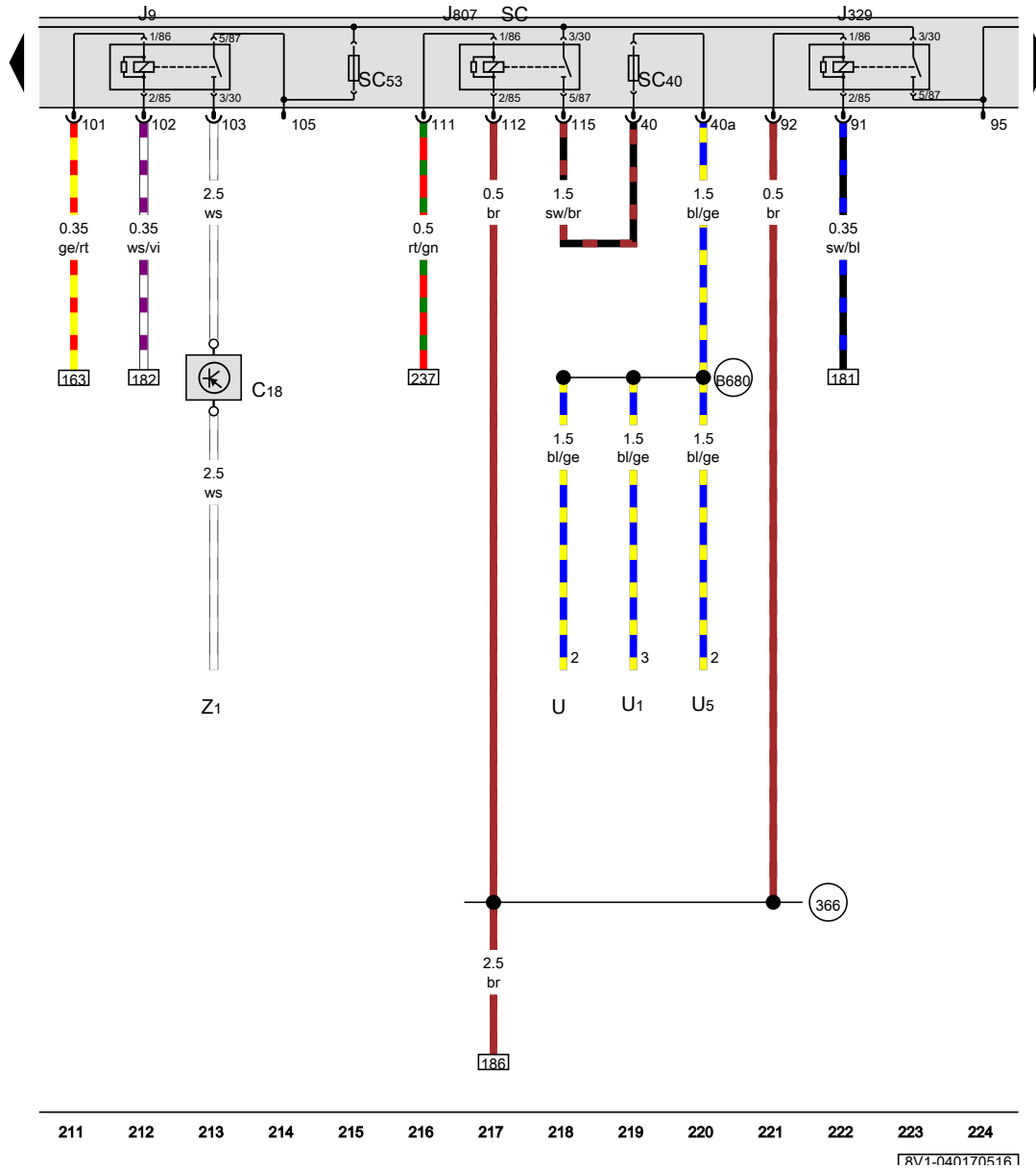
ws = white
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Heated rear window relay, Terminal 15 voltage supply relay,
Relay for power sockets, Fuse holder C

- C18 Window aerial suppression filter
- J9 Heated rear window relay
- J329 Terminal 15 voltage supply relay
- J807 Relay for power sockets
- SC Fuse holder C
- SC40 Fuse 40 on fuse holder C
- SC53 Fuse 53 on fuse holder C
- U Electric socket
- U1 Cigarette lighter
- U5 12 V socket
- Z1 Heated rear window

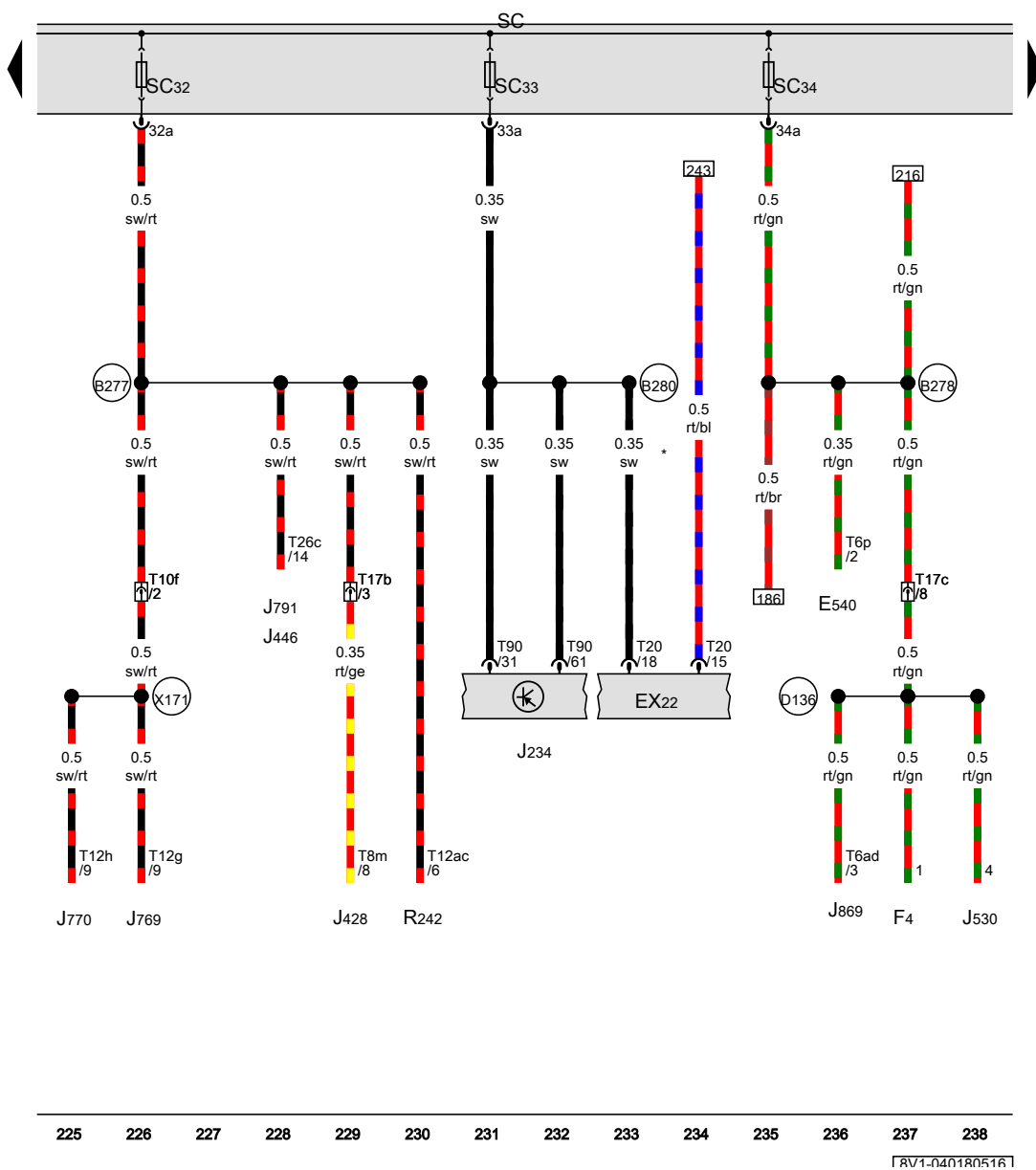
366 Earth connection 1, in main wiring harness

B680 Connection (electric socket), in interior wiring harness



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- br = brown
- gn = green
- bl = blue
- gr = grey
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- vi = purple
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- or = orange
- rs = pink

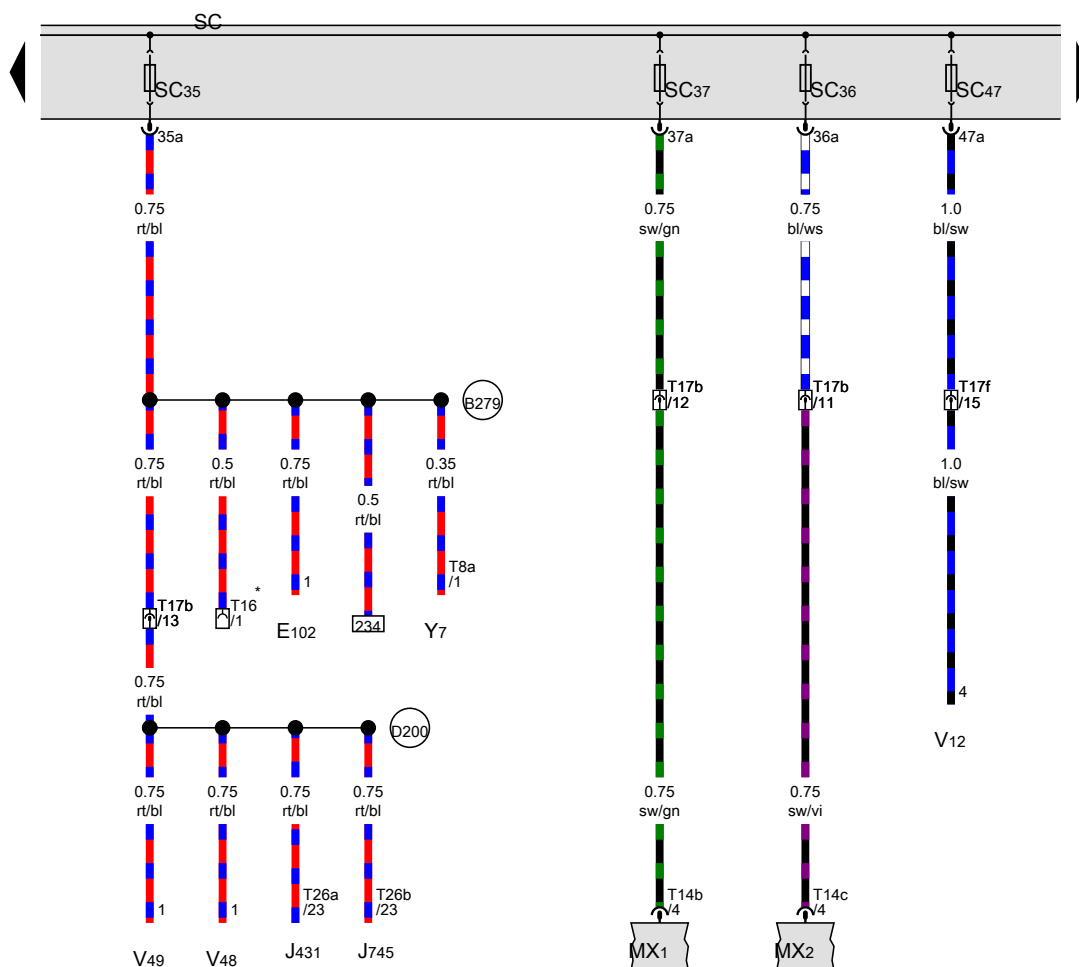
Centre switch module in dash panel, Airbag control unit,
Fuse holder C



- EX22 Centre switch module in dash panel
- E540 Auto-hold button
- F4 Reversing light switch
- J234 Airbag control unit
- J428 Adaptive cruise control unit
- J446 Parking aid control unit
- J530 Garage door operation control unit
- J769 Lane change assist control unit
- J770 Lane change assist control unit 2
- J791 Park assist steering control unit
- J869 Control unit for structure-borne sound
- R242 Front camera for driver assist systems
- SC Fuse holder C
- SC32 Fuse 32 on fuse holder C
- SC33 Fuse 33 on fuse holder C
- SC34 Fuse 34 on fuse holder C
- T6ad 6-pin connector
- T6p 6-pin connector
- T8m 8-pin connector
- T10f 10-pin connector
- T12ac 12-pin connector
- T12g 12-pin connector
- T12h 12-pin connector
- T17b 17-pin connector
- T17c 17-pin connector
- T20 20-pin connector, red
- T26c 26-pin connector
- T90 90-pin connector

- B277 Positive connection 1 (15a) in main wiring harness
- B278 Positive connection 2 (15a) in main wiring harness
- B280 Positive connection 4 (15a) in main wiring harness
- D136 Positive connection 2 (15a), in engine compartment wiring harness
- X171 Connection (15), rear bumper wiring harness
- * see applicable current flow diagram for airbag

Front left headlight, Front right headlight, Fuse holder C



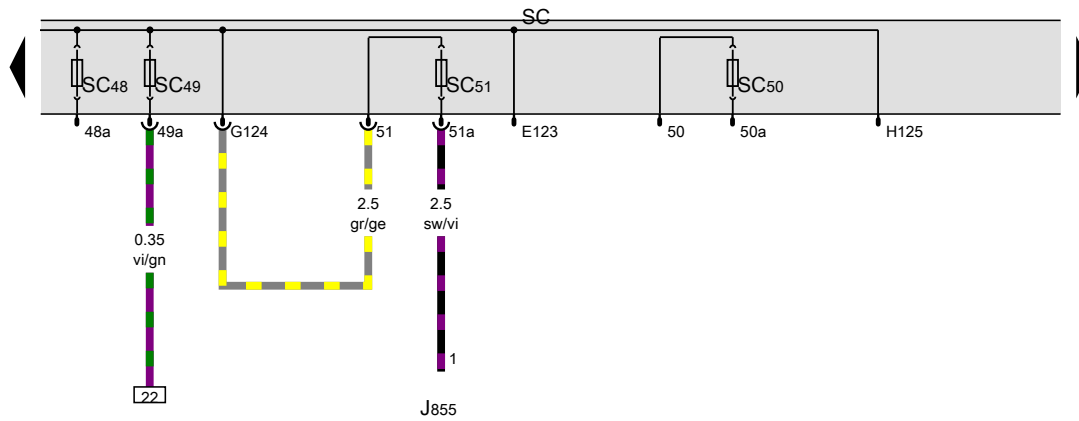
- E102 Headlight range control regulator
- J431 Headlight range control unit
- J745 Control unit for cornering light and headlight range control
- MX1 Front left headlight
- MX2 Front right headlight
- SC Fuse holder C
- SC35 Fuse 35 on fuse holder C
- SC36 Fuse 36 on fuse holder C
- SC37 Fuse 37 on fuse holder C
- SC47 Fuse 47 on fuse holder C
- T8a 8-pin connector
- T14b 14-pin connector
- T14c 14-pin connector
- T16 16-pin connector
- T17b 17-pin connector
- T17f 17-pin connector
- T26a 26-pin connector
- T26b 26-pin connector
- V12 Rear window wiper motor
- V48 Left headlight range control motor
- V49 Right headlight range control motor
- Y7 Automatic anti-dazzle interior mirror

- B279 Positive connection 3 (15a) in main wiring harness
- D200 Positive connection 3 (15a), in engine compartment wiring harness
- * Diagnostic connection

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 br = brown
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Fuse holder C

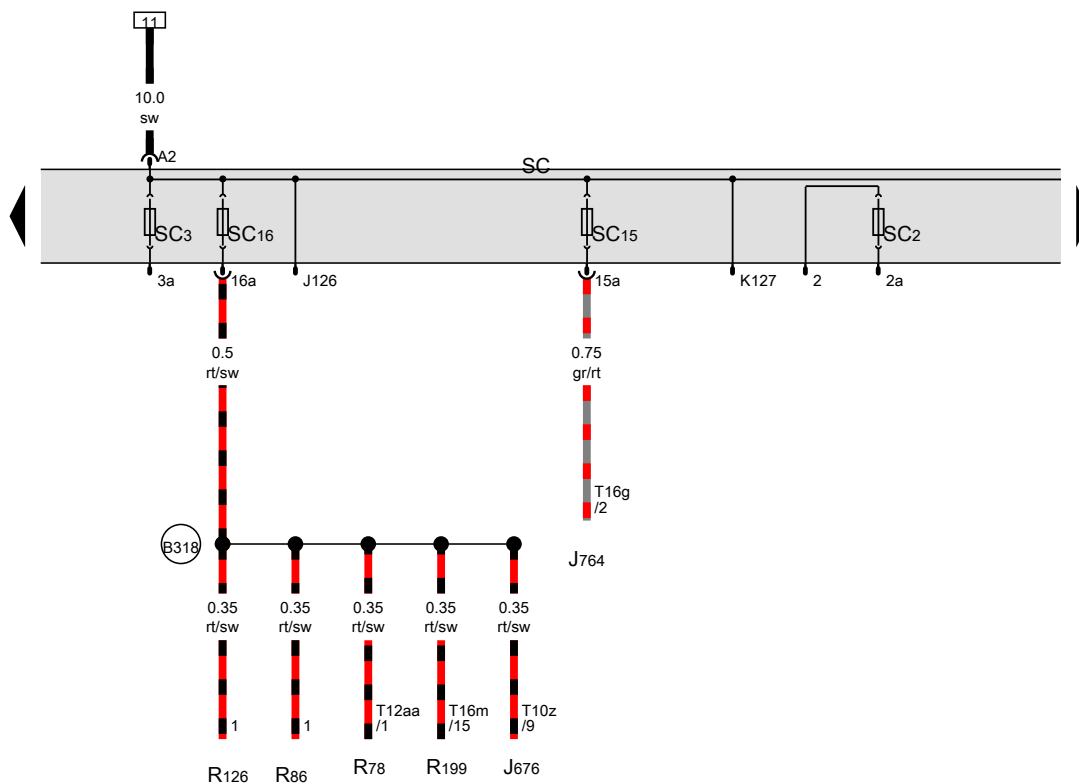
- J855 Control unit for front right belt tensioner
- SC Fuse holder C
- SC48 Fuse 48 on fuse holder C
- SC49 Fuse 49 on fuse holder C
- SC50 Fuse 50 on fuse holder C
- SC51 Fuse 51 on fuse holder C



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253 254 255 256 257 258 259 260 261 262 263 264 265 266

[8V1-040200516]

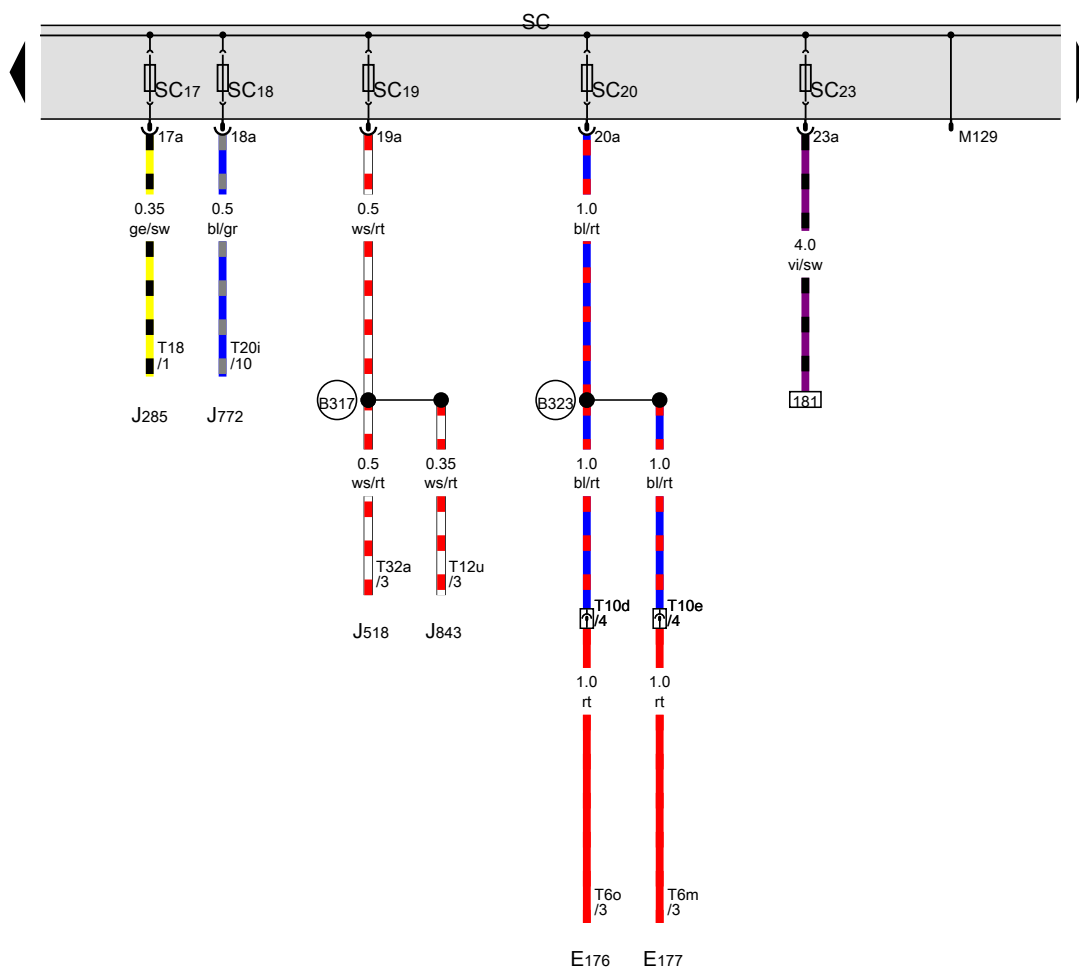


Fuse holder C

- J676 Chip card reader control unit
- J764 Control unit for electronic steering column lock
- R78 TV tuner
- R86 Aerial amplifier for mobile telephone
- R126 Telephone bracket
- R199 Connection for external audio sources
- SC Fuse holder C
- SC2 Fuse 2 on fuse holder C
- SC3 Fuse 3 on fuse holder C
- SC15 Fuse 15 on fuse holder C
- SC16 Fuse 16 on fuse holder C
- T10z 10-pin connector
- T12aa 12-pin connector
- T16g 16-pin connector
- T16m 16-pin connector

B318 Positive connection 4 (30a) in main wiring harness

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 ro = red
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 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



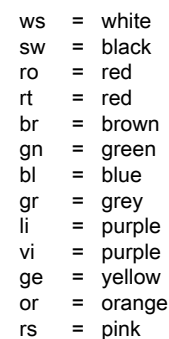
Fuse holder C

- E176 Driver seat lumbar support adjustment switch
- E177 Front passenger seat lumbar support adjustment switch
- J285 Control unit in dash panel insert
- J518 Entry and start authorisation control unit
- J772 Reversing camera system control unit
- J843 Interface control unit for vehicle location system
- SC Fuse holder C
- SC17 Fuse 17 on fuse holder C
- SC18 Fuse 18 on fuse holder C
- SC19 Fuse 19 on fuse holder C
- SC20 Fuse 20 on fuse holder C
- SC23 Fuse 23 on fuse holder C
- T6m 6-pin connector
- T6o 6-pin connector
- T10d 10-pin connector, in coupling point for front seat, left
- T10e 10-pin connector, in coupling point for front seat, right
- T12u 12-pin connector
- T18 18-pin connector
- T20i 20-pin connector
- T32a 32-pin connector

B317 Positive connection 3 (30a) in main wiring harness

B323 Positive connection 9 (30a) in main wiring harness

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- gr = grey
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- vi = purple
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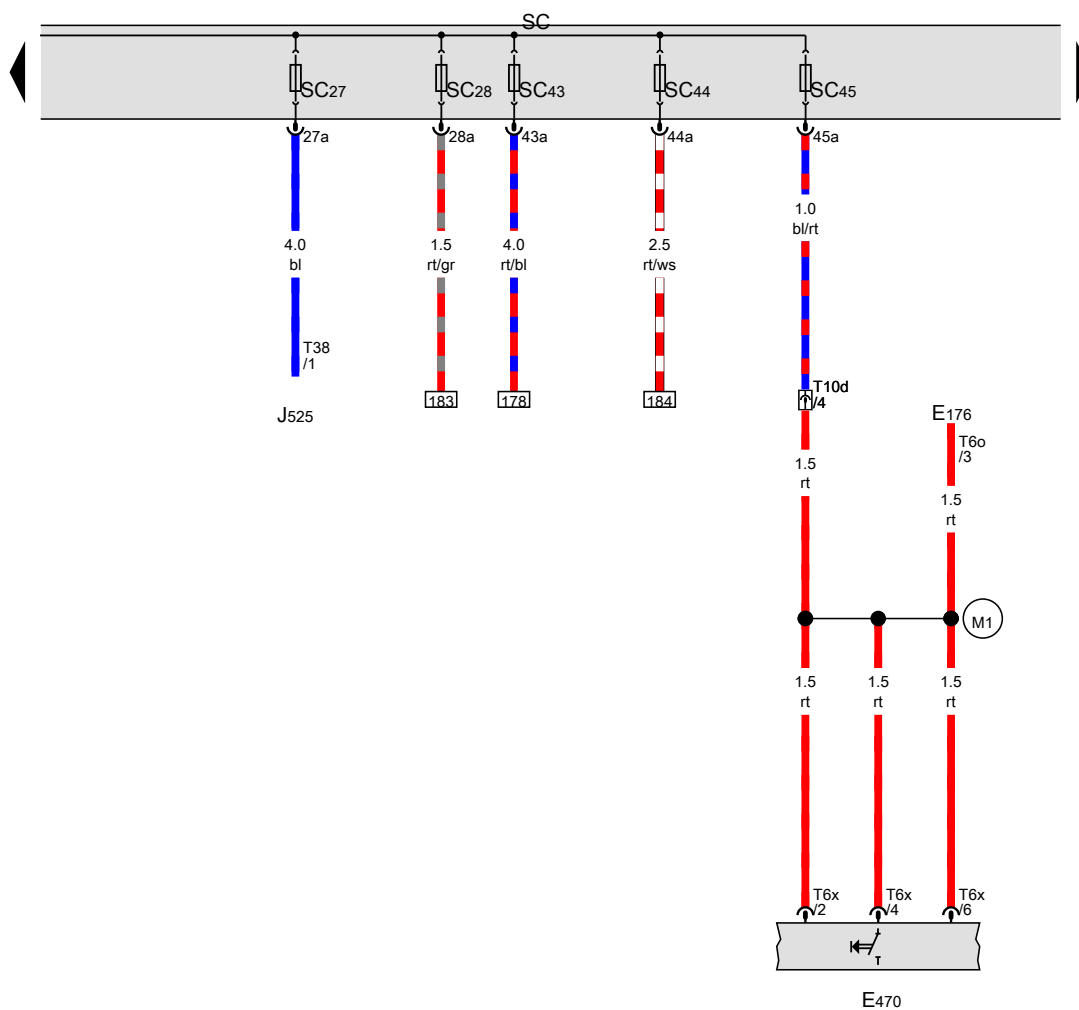


J245	Sliding sunroof adjustment control unit
J386	Driver door control unit
J926	Rear driver side door control unit
J1016	Control unit with rear driver side window regulator motor
SC	Fuse holder C
SC24	Fuse 24 on fuse holder C
SC25	Fuse 25 on fuse holder C
SC26	Fuse 26 on fuse holder C
T6ab	6-pin connector
T10o	10-pin connector
T20c	20-pin connector
T20j	20-pin connector
T27	27-pin connector, on left A-pillar
T27b	27-pin connector, on left A-pillar

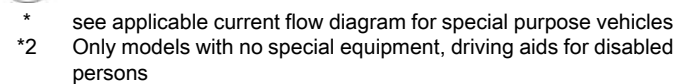
* Only models with 3-doors
*2 Only models with 5-doors

Fuse holder C

- E176 Driver seat lumbar support adjustment switch
- E470 Driver seat adjustment operating unit
- J525 Digital sound package control unit
- SC Fuse holder C
- SC27 Fuse 27 on fuse holder C
- SC28 Fuse 28 on fuse holder C
- SC43 Fuse 43 on fuse holder C
- SC44 Fuse 44 on fuse holder C
- SC45 Fuse 45 on fuse holder C
- T6o 6-pin connector
- T6x 6-pin connector
- T10d 10-pin connector, in coupling point for front seat, left
- T38 38-pin connector
- M1 Positive connection 1 (30), in seat adjustment wiring harness



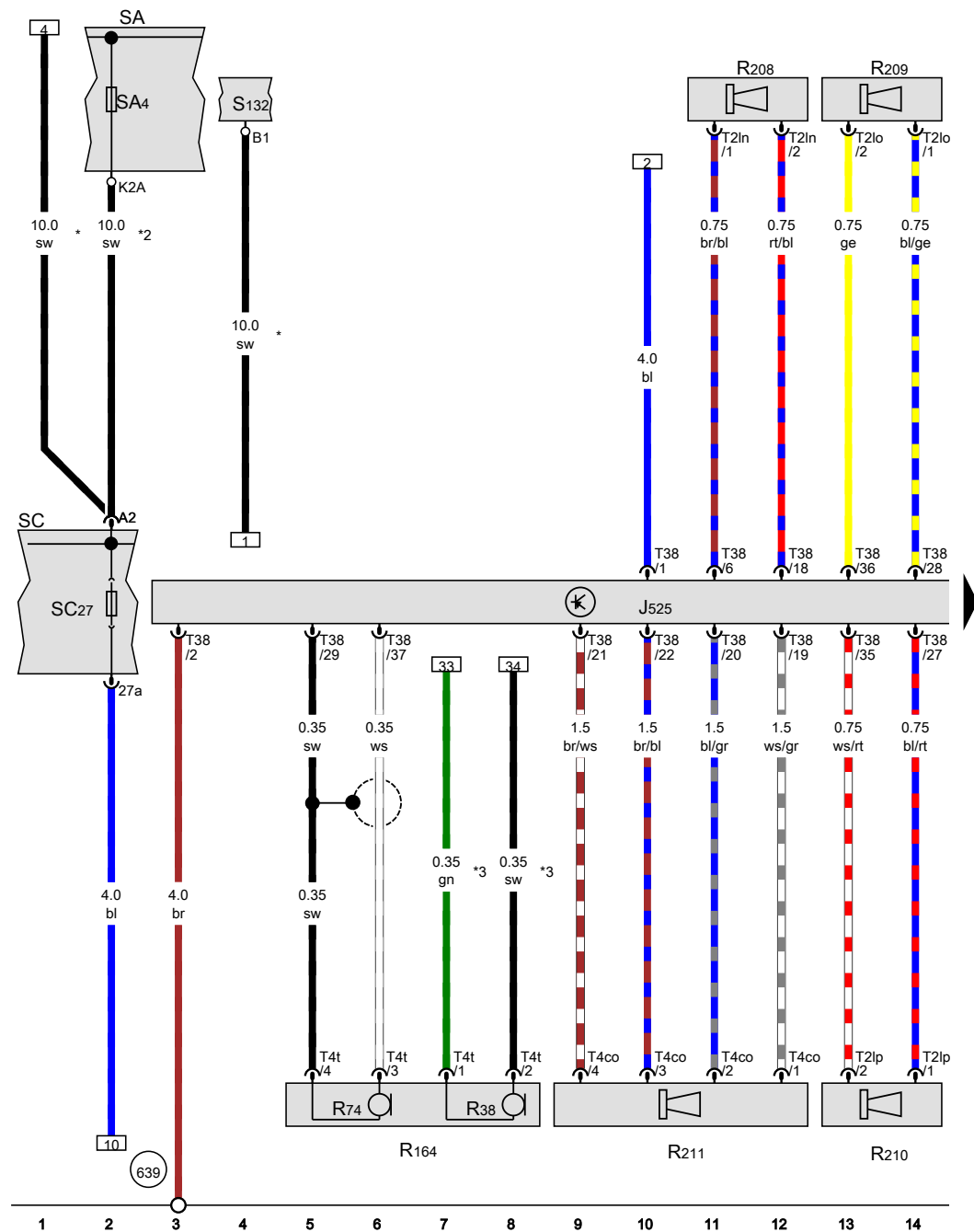
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05.2016

Bang & Olufsen sound system , (9VS)

From March 2012



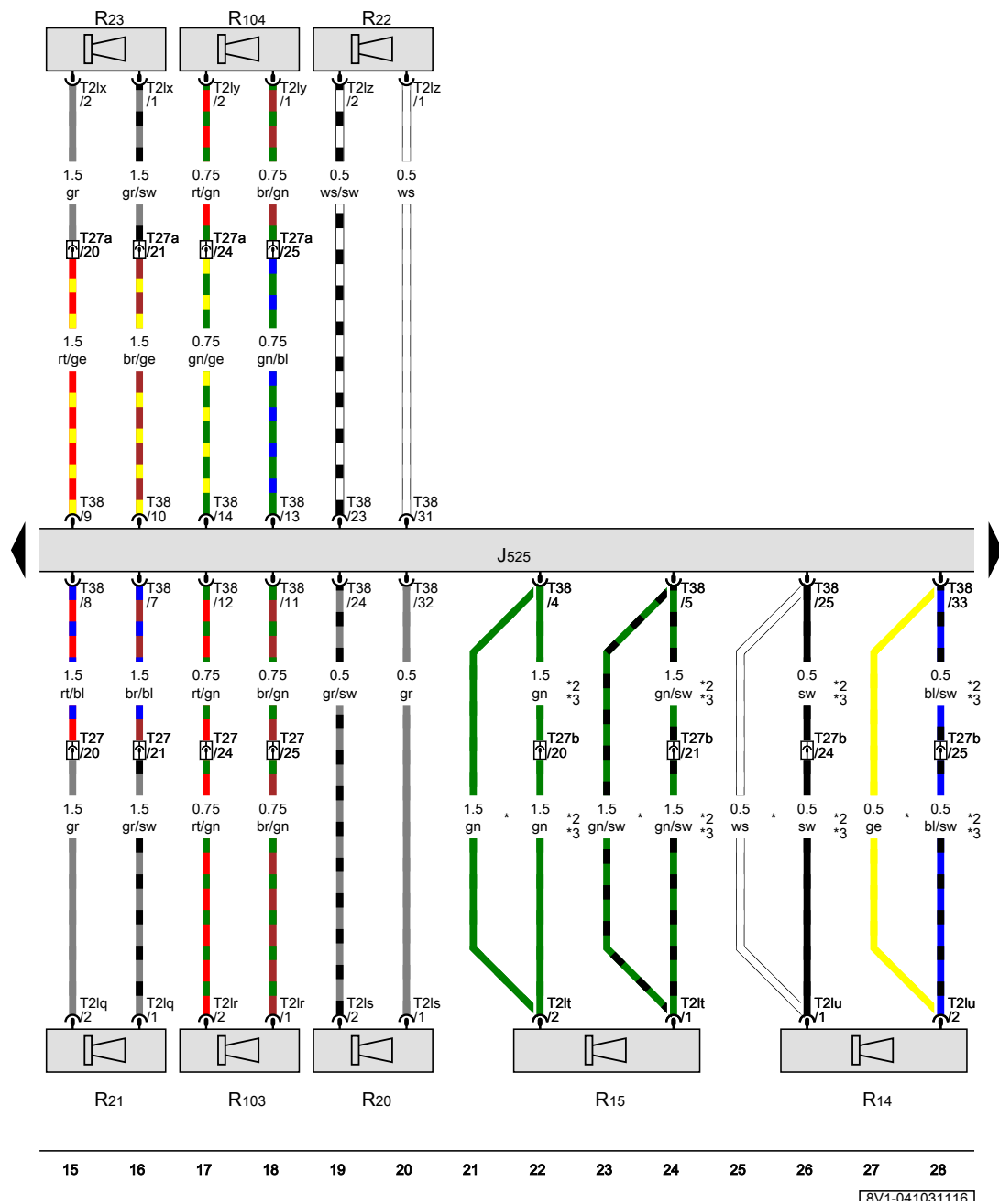
Digital sound package control unit, Telephone microphone, Internal microphone, Microphone unit in front roof module, Centre loudspeaker, Left effect loudspeaker, Right effect loudspeaker, Subwoofer, Fuse holder A, Fuse holder C

- J525 Digital sound package control unit
- R38 Telephone microphone
- R74 Internal microphone
- R164 Microphone unit in front roof module
- R208 Centre loudspeaker
- R209 Left effect loudspeaker
- R210 Right effect loudspeaker
- R211 Subwoofer, in spare wheel well
- S132 Fuse 2
- SA Fuse holder A
- SA4 Fuse 4 on fuse holder A
- SC Fuse holder C
- SC27 Fuse 27 on fuse holder C
- T2ln 2-pin connector
- T2lo 2-pin connector
- T2lp 2-pin connector
- T4co 4-pin connector
- T4t 4-pin connector
- T38 38-pin connector

639 Earth point, left A-pillar

- * Only for RS 3 models
- *2 Not for RS 3 models
- *3 Only models with mobile telephone/telephone

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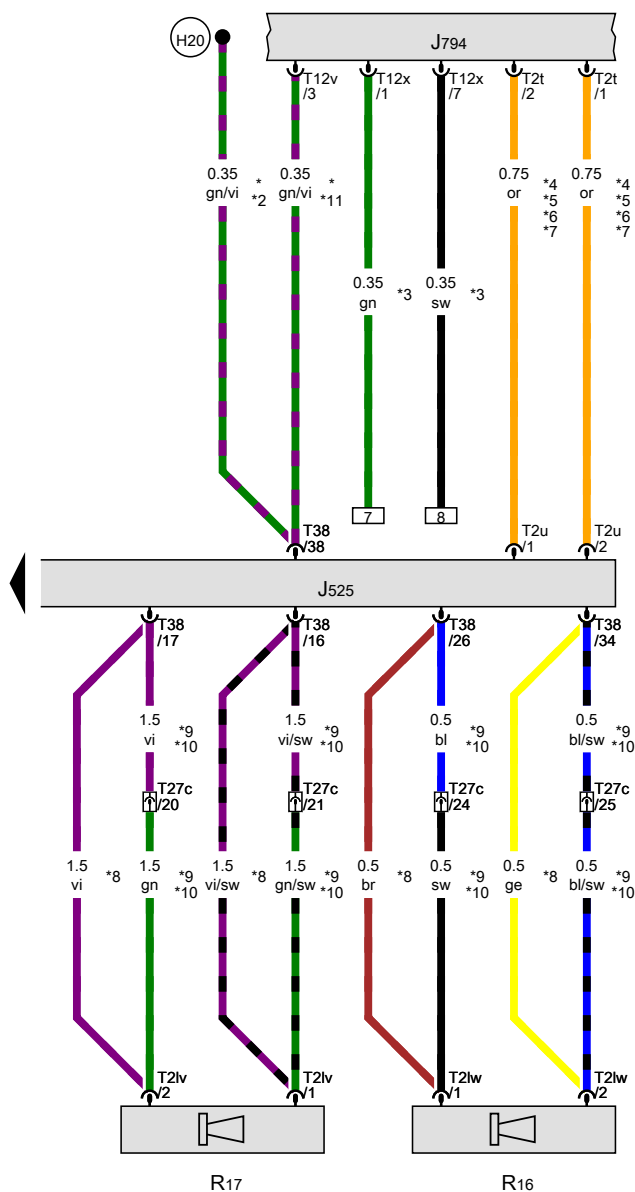


Digital sound package control unit, Rear left treble loudspeaker, Rear left bass loudspeaker, Front left treble loudspeaker, Front left bass loudspeaker, Front right treble loudspeaker, Front right bass loudspeaker, Front left mid-range loudspeaker, Front right mid-range loudspeaker

- J525 Digital sound package control unit
- R14 Rear left treble loudspeaker
- R15 Rear left bass loudspeaker
- R20 Front left treble loudspeaker
- R21 Front left bass loudspeaker
- R22 Front right treble loudspeaker
- R23 Front right bass loudspeaker
- R103 Front left mid-range loudspeaker
- R104 Front right mid-range loudspeaker
- T2lq 2-pin connector
- T2lr 2-pin connector
- T2ls 2-pin connector
- T2lt 2-pin connector
- T2lu 2-pin connector
- T2lx 2-pin connector
- T2ly 2-pin connector
- T2lz 2-pin connector
- T27 27-pin connector, on left A-pillar
- T27a 27-pin connector, on right A-pillar
- T27b 27-pin connector, on left B-pillar
- T38 38-pin connector
- * Only models with 3-doors
- *2 Only models with 4-doors
- *3 Only models with 5-doors

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 vi = purple
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 rs = pink

Digital sound package control unit, Rear right treble loudspeaker, Rear right bass loudspeaker



- J525 Digital sound package control unit
- J794 Control unit 1 for information electronics
- R16 Rear right treble loudspeaker
- R17 Rear right bass loudspeaker
- T2lv 2-pin connector
- T2lw 2-pin connector
- T2t 2-pin connector
- T2u 2-pin connector
- T12v 12-pin connector
- T12x 12-pin connector
- T27c 27-pin connector, on right B-pillar
- T38 38-pin connector
- H20 Connection 1, in diagnosis wiring harness
- * see applicable current flow diagram for ring circuit break diagnostic
- *2 Only models with TV tuner
- *3 Only models with mobile telephone/telephone
- *4 Fibre optic cable (FOC)
- *5 Wiring colour depends on equipment
- *6 Only models with MMI
- *7 see applicable current flow diagram for infotainment MOST bus
- *8 Only models with 3-doors
- *9 Only models with 4-doors
- *10 Only models with 5-doors
- *11 Only models with no TV receiver

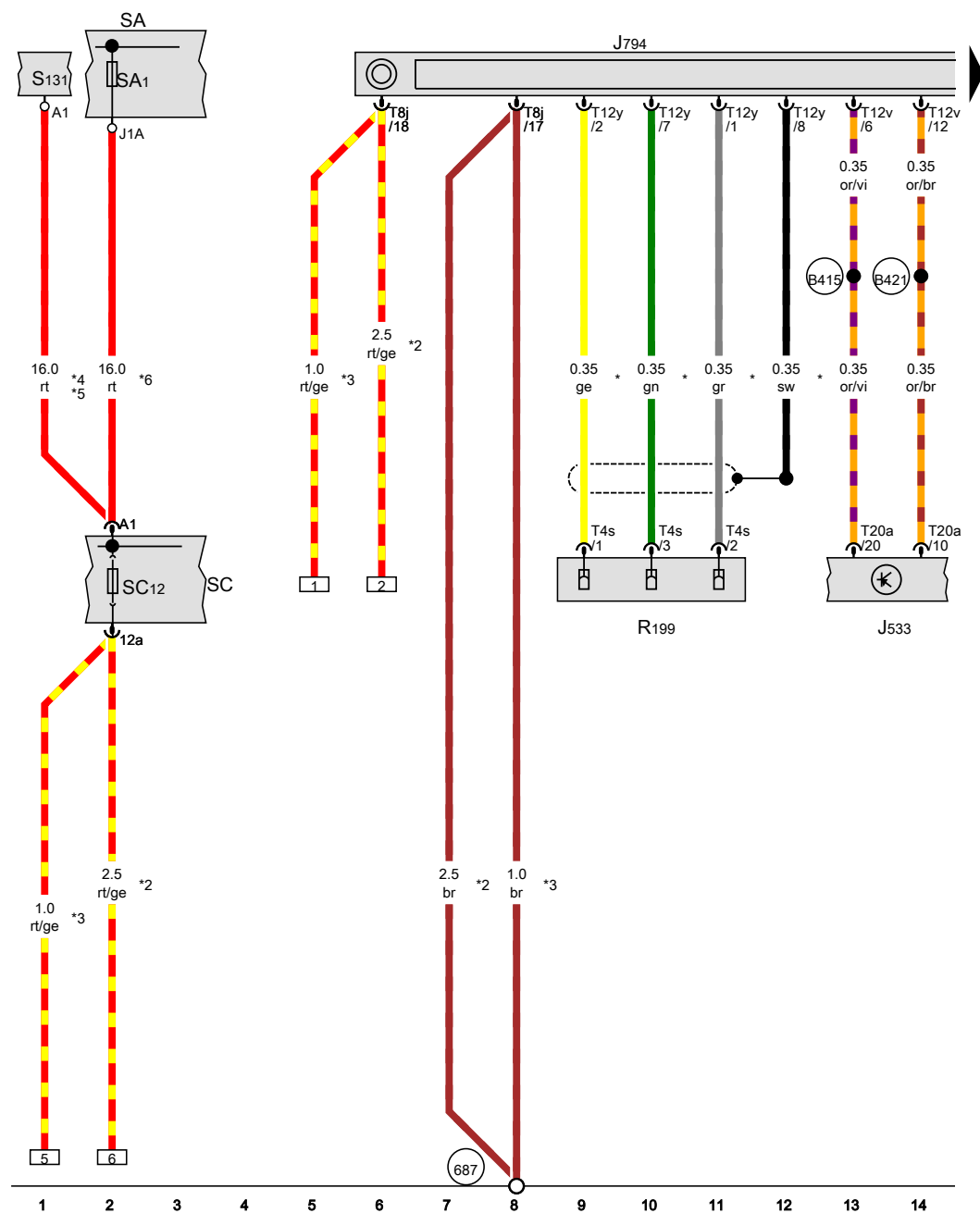
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29 30 31 32 33 34 35 36 37 38 39 40 41 42

1AV1-041041116

Radio , (I8A),(GP0)

From March 2012



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Data bus diagnostic interface, Control unit 1 for information electronics, Connection for external audio sources, Fuse 1 on fuse holder A, Fuse holder C

J533	Data bus diagnostic interface
J794	Control unit 1 for information electronics
R199	Connection for external audio sources
SA	Fuse holder A
SA1	Fuse 1 on fuse holder A
SC	Fuse holder C
SC12	Fuse 12 on fuse holder C
S131	Fuse 1
T4s	4-pin connector
T8j	8-pin connector
T12v	12-pin connector
T12y	12-pin connector
T20a	20-pin connector

(687) Earth point 1, on centre tunnel

B415 Connection 1 (infotainment CAN bus, high), in main wiring harness

B421 Connection 1 (infotainment CAN bus, low), in main wiring harness

* Only models with connection for external audio sources - AUX-IN socket

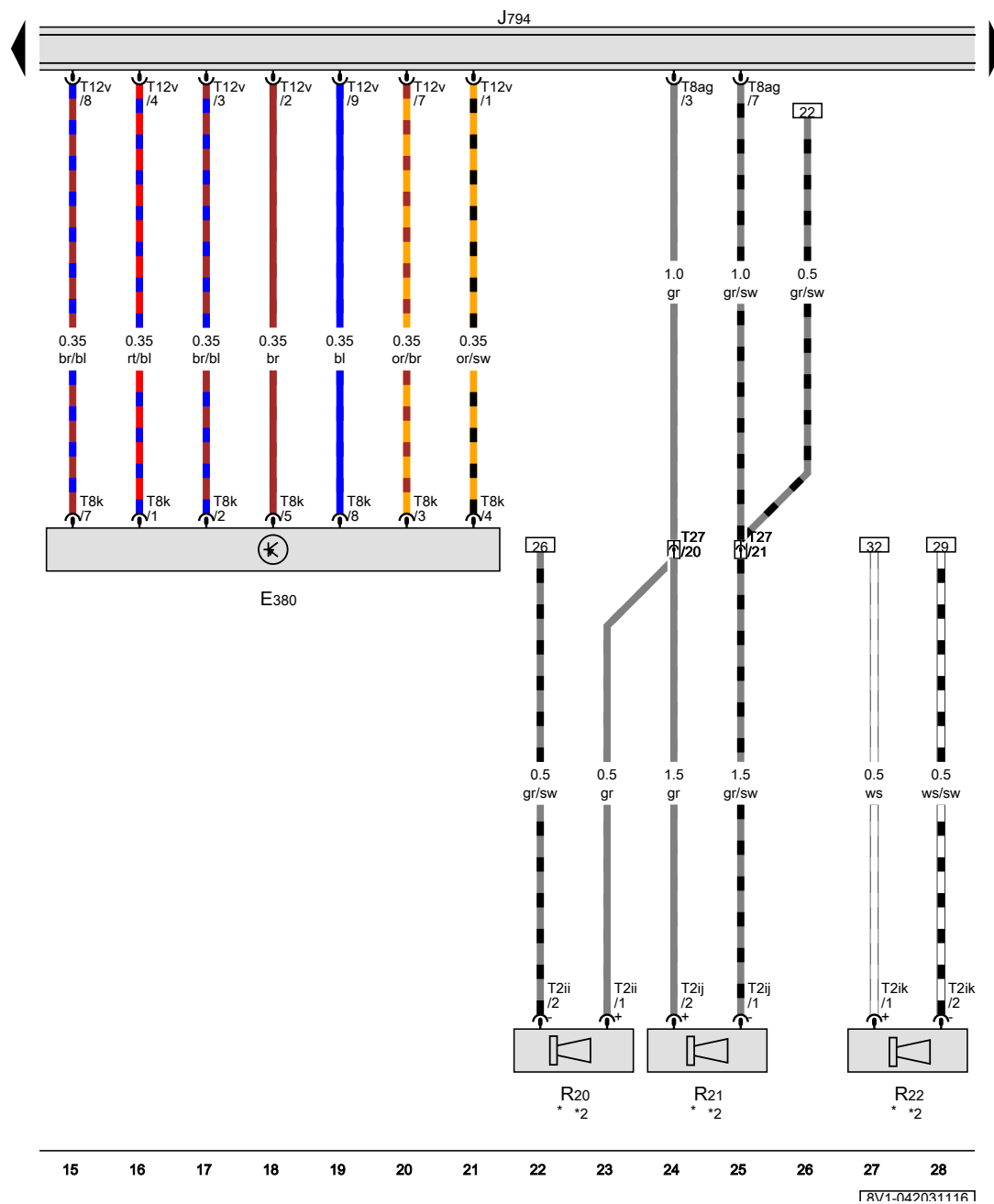
*2 Only models with 8 loudspeakers (8RM)

*3 Only models with 4 loudspeakers (8RE)

*4 Only for RS 3 models

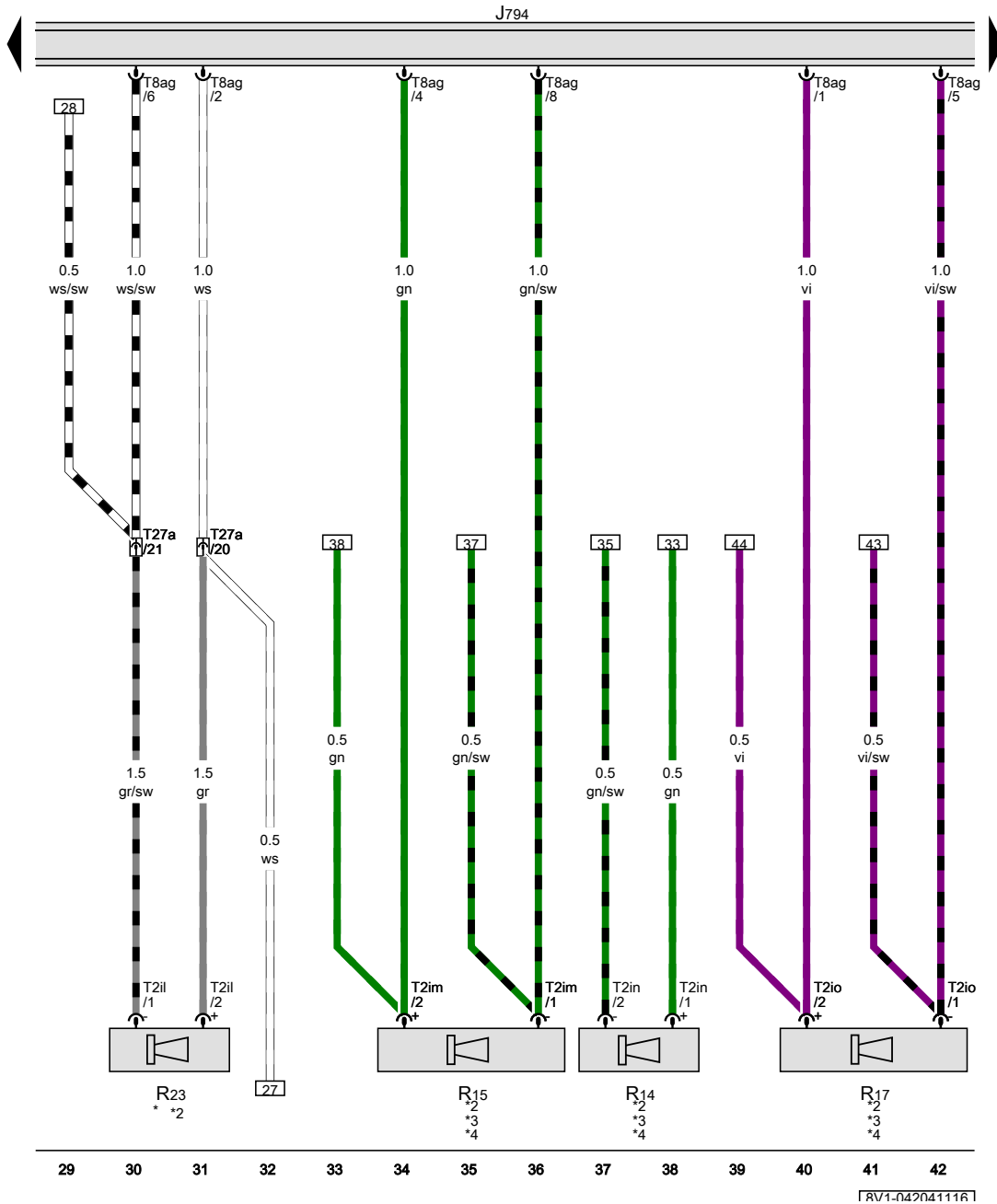
*5 see applicable current flow diagram for battery

*6 Not for RS 3 models



Multimedia system operating unit, Control unit 1 for information electronics, Front left treble loudspeaker, Front left bass loudspeaker, Front right treble loudspeaker

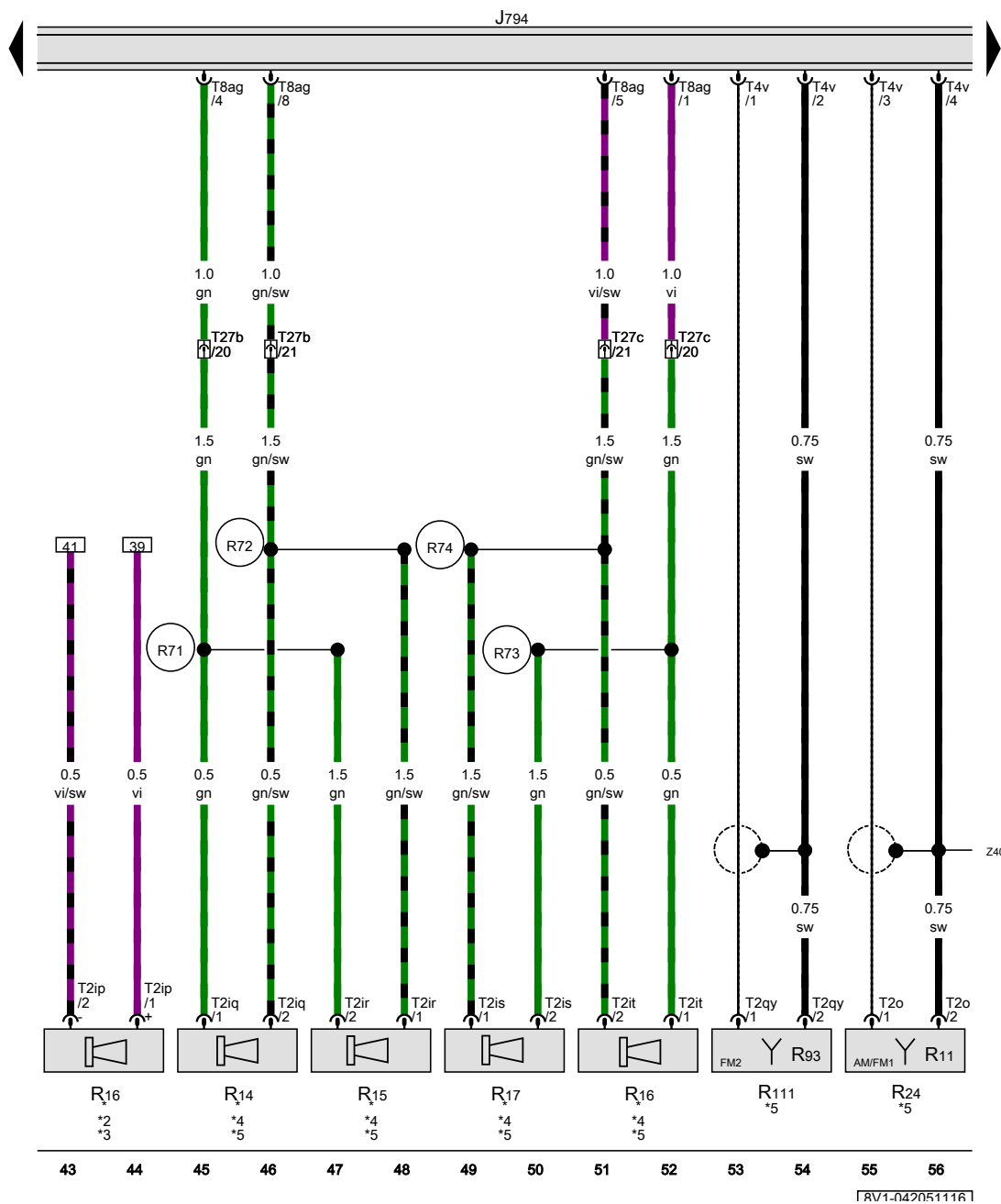
- E380 Multimedia system operating unit
- J794 Control unit 1 for information electronics
- R20 Front left treble loudspeaker
- R21 Front left bass loudspeaker
- R22 Front right treble loudspeaker
- T2ii 2-pin connector
- T2ij 2-pin connector
- T2ik 2-pin connector
- T8ag 8-pin connector
- T8k 8-pin connector
- T12v 12-pin connector
- T27 27-pin connector, on left A-pillar
- * Only models with 4 loudspeakers (8RE)
- *2 Only models with 8 loudspeakers (8RM)



Control unit 1 for information electronics, Rear left treble loudspeaker, Rear left bass loudspeaker, Rear right bass loudspeaker, Front right bass loudspeaker

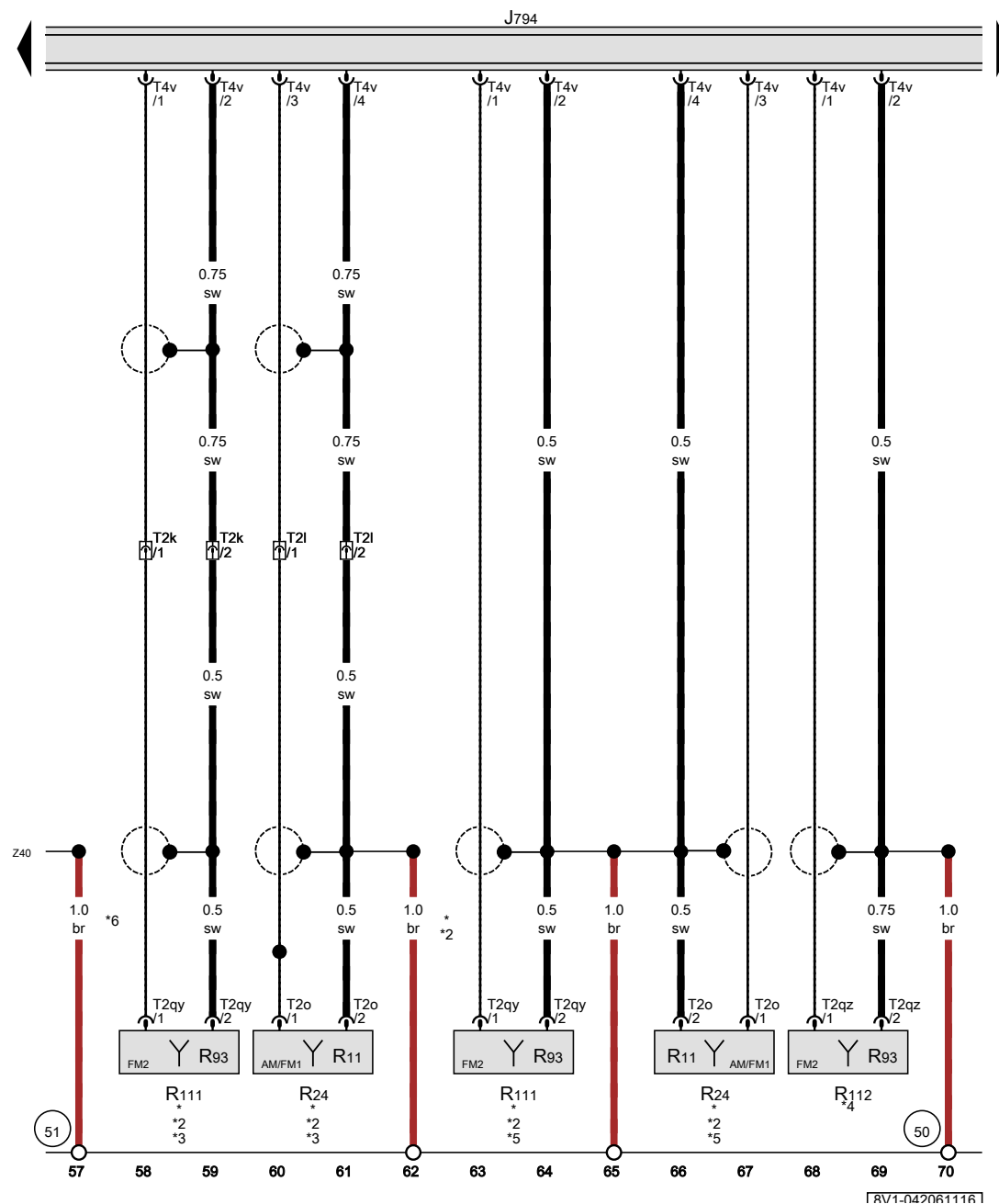
- J794 Control unit 1 for information electronics
- R14 Rear left treble loudspeaker
- R15 Rear left bass loudspeaker
- R17 Rear right bass loudspeaker
- R23 Front right bass loudspeaker
- T2il 2-pin connector
- T2im 2-pin connector
- T2in 2-pin connector
- T2io 2-pin connector
- T8ag 8-pin connector
- T27a 27-pin connector, on right A-pillar
- * Only models with 4 loudspeakers (8RE)
- *2 Only models with 8 loudspeakers (8RM)
- *3 Only models with 3-doors
- *4 Only Cabriolet models

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Control unit 1 for information electronics, Rear left treble loudspeaker, Rear left bass loudspeaker, Rear right treble loudspeaker, Rear right bass loudspeaker, Aerial amplifier, Aerial amplifier 2

- J794 Control unit 1 for information electronics
- R11 Aerial
- R14 Rear left treble loudspeaker
- R15 Rear left bass loudspeaker
- R16 Rear right treble loudspeaker
- R17 Rear right bass loudspeaker
- R24 Aerial amplifier
- R93 Radio aerial 2
- R111 Aerial amplifier 2
- T2ip 2-pin connector
- T2iq 2-pin connector
- T2ir 2-pin connector
- T2is 2-pin connector
- T2it 2-pin connector
- T2o 2-pin connector
- T2qy 2-pin connector
- T4v 4-pin connector
- T8ag 8-pin connector
- T27b 27-pin connector, on left B-pillar
- T27c 27-pin connector, on right B-pillar
- R71 Connection (positive, loudspeaker)), in rear left door wiring harness
- R72 Connection (negative, loudspeaker), in rear left door wiring harness
- R73 Connection (positive, loudspeaker)), in rear right door wiring harness
- R74 Connection (negative, loudspeaker), in rear right door wiring harness
- * Only models with 8 loudspeakers (8RM)
- *2 Only models with 3-doors
- *3 Only Cabriolet models
- *4 Only models with 5-doors
- *5 Only models with 4-doors



Control unit 1 for information electronics, Aerial amplifier, Aerial amplifier 2, Aerial amplifier 3

- J794 Control unit 1 for information electronics
- R11 Aerial
- R24 Aerial amplifier
- R93 Radio aerial 2
- R111 Aerial amplifier 2
- R112 Aerial amplifier 3
- T2k 2-pin connector, Coupling point for rear lid
- T2l 2-pin connector, Coupling point for rear lid
- T2o 2-pin connector
- T2qy 2-pin connector
- T2qz 2-pin connector
- T4v 4-pin connector

50 Earth point, on left in luggage compartment

51 Earth point, on right in luggage compartment

- * Only models with 3-doors
- *2 Only models with 5-doors
- *3 Up to October 2014
- *4 Only Cabriolet models
- *5 From November 2014
- *6 Only models with 4-doors

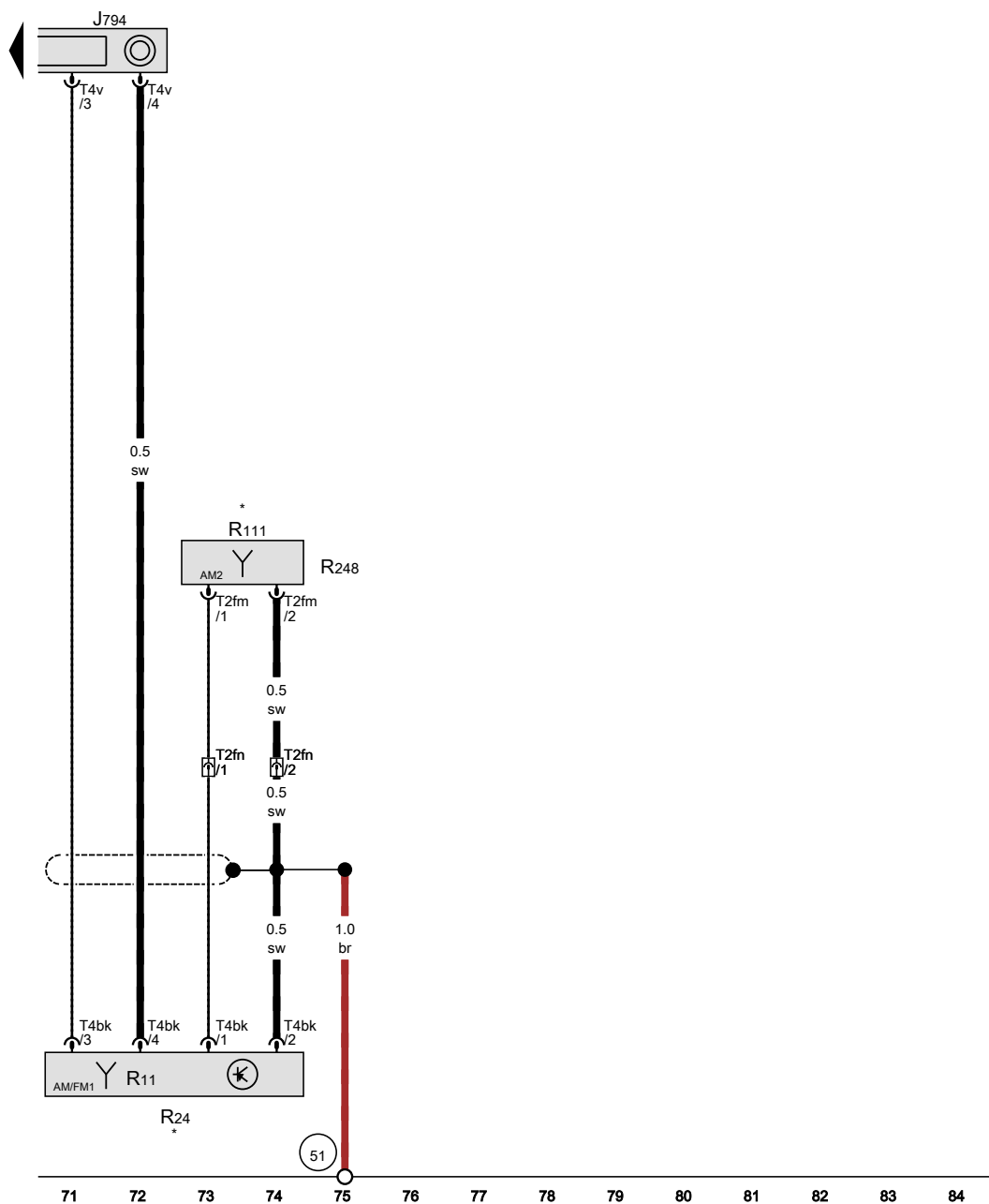
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Control unit 1 for information electronics, Aerial amplifier

- J794 Control unit 1 for information electronics
- R11 Aerial
- R24 Aerial amplifier
- R111 Aerial amplifier 2
- R248 Radio aerial
- T2fm 2-pin connector
- T2fn 2-pin connector
- T4bk 4-pin connector
- T4v 4-pin connector

51 Earth point, on right in luggage compartment

* Only Cabriolet models

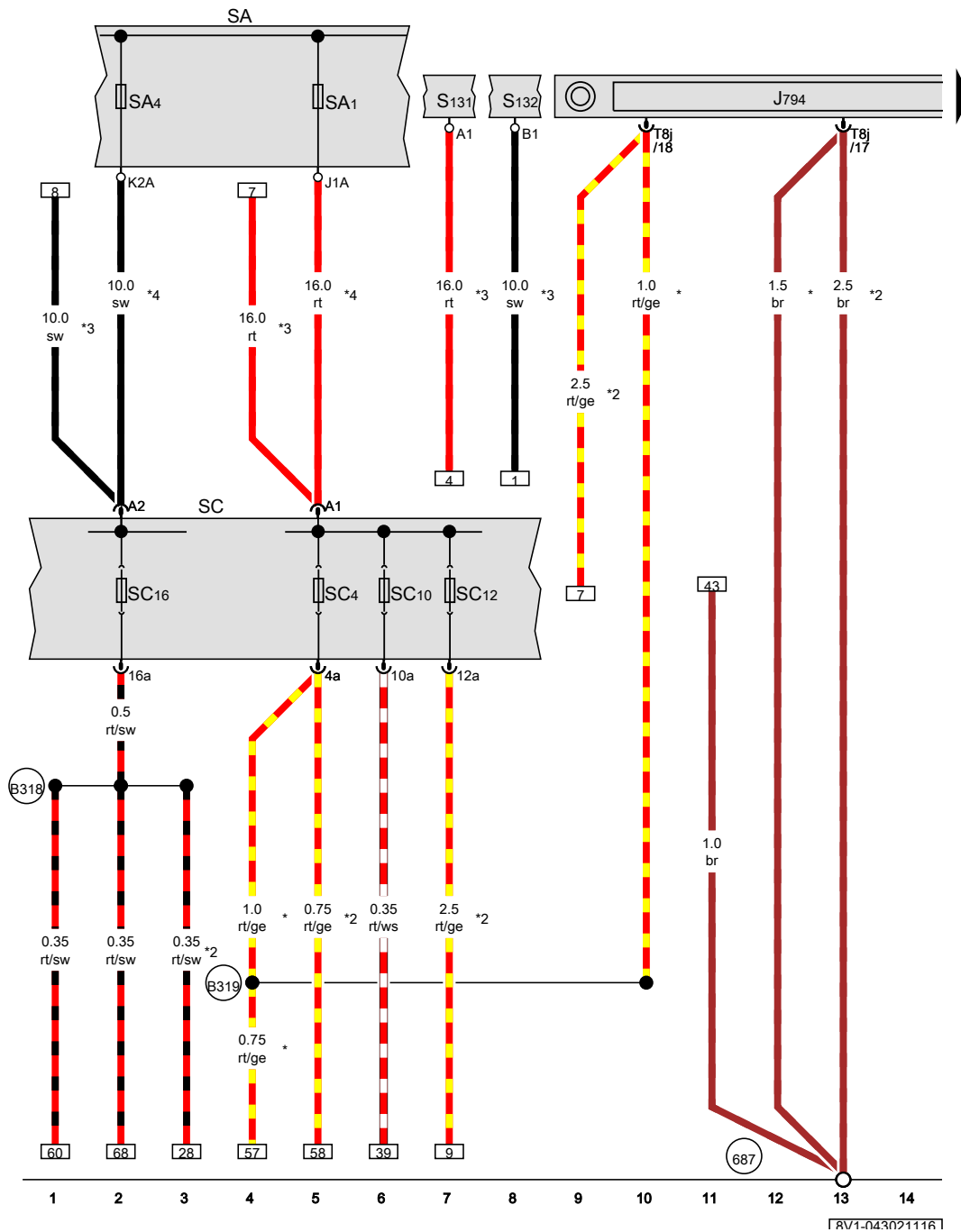


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[8V1-042071116]

MMI with radio , (I8D),(I8E),(GP0)

From March 2012



Control unit 1 for information electronics, Fuse holder A, Fuse 1 on fuse holder A, Fuse holder C

- J794 Control unit 1 for information electronics
- SA Fuse holder A
- SA1 Fuse 1 on fuse holder A
- SC4 Fuse 4 on fuse holder C
- SA4 Fuse 4 on fuse holder A
- SC Fuse holder C
- SC10 Fuse 10 on fuse holder C
- SC12 Fuse 12 on fuse holder C
- SC16 Fuse 16 on fuse holder C
- S131 Fuse 1
- S132 Fuse 2
- T8j 8-pin connector

687 Earth point 1, on centre tunnel

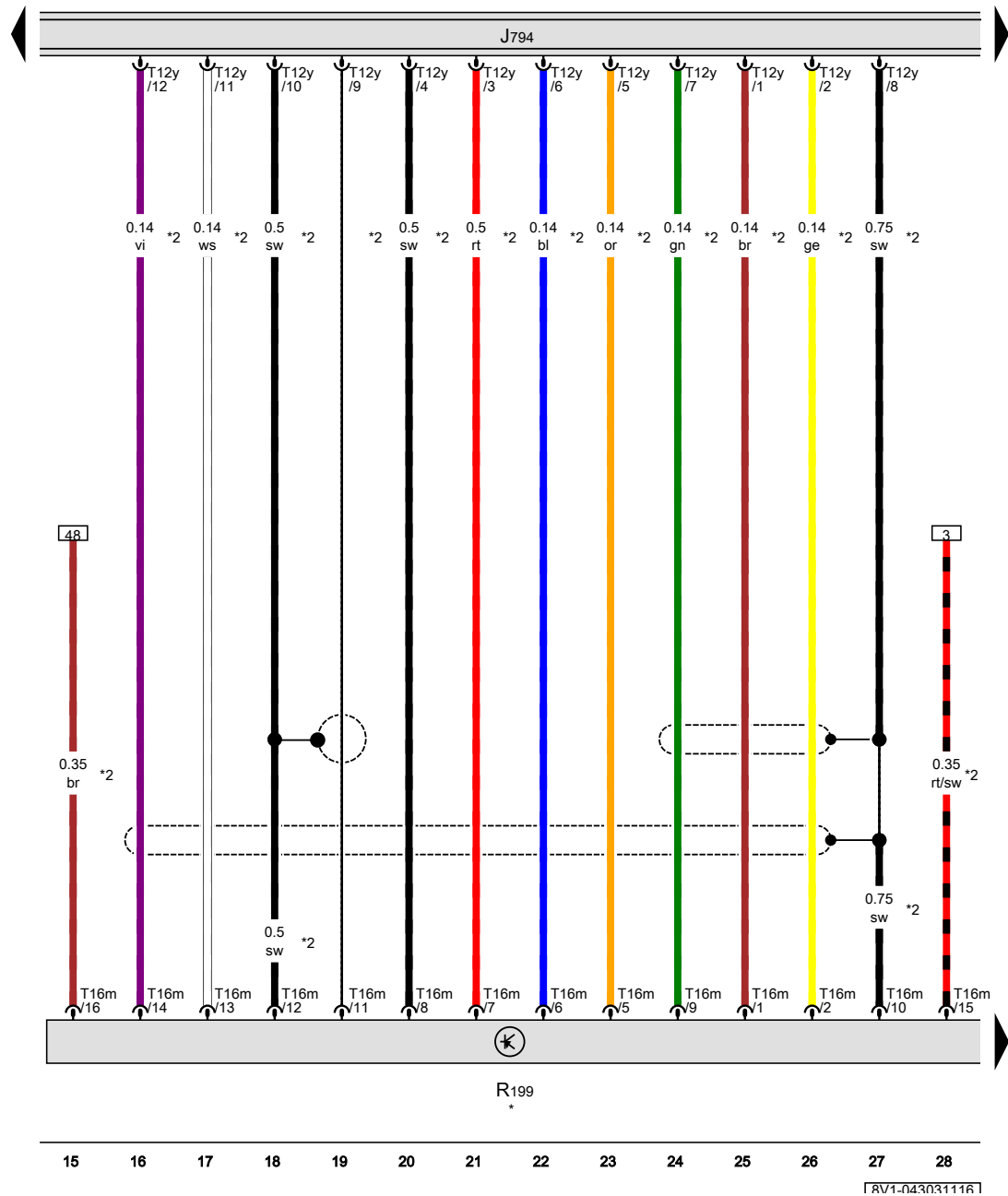
B318 Positive connection 4 (30a) in main wiring harness

B319 Positive connection 5 (30a) in main wiring harness

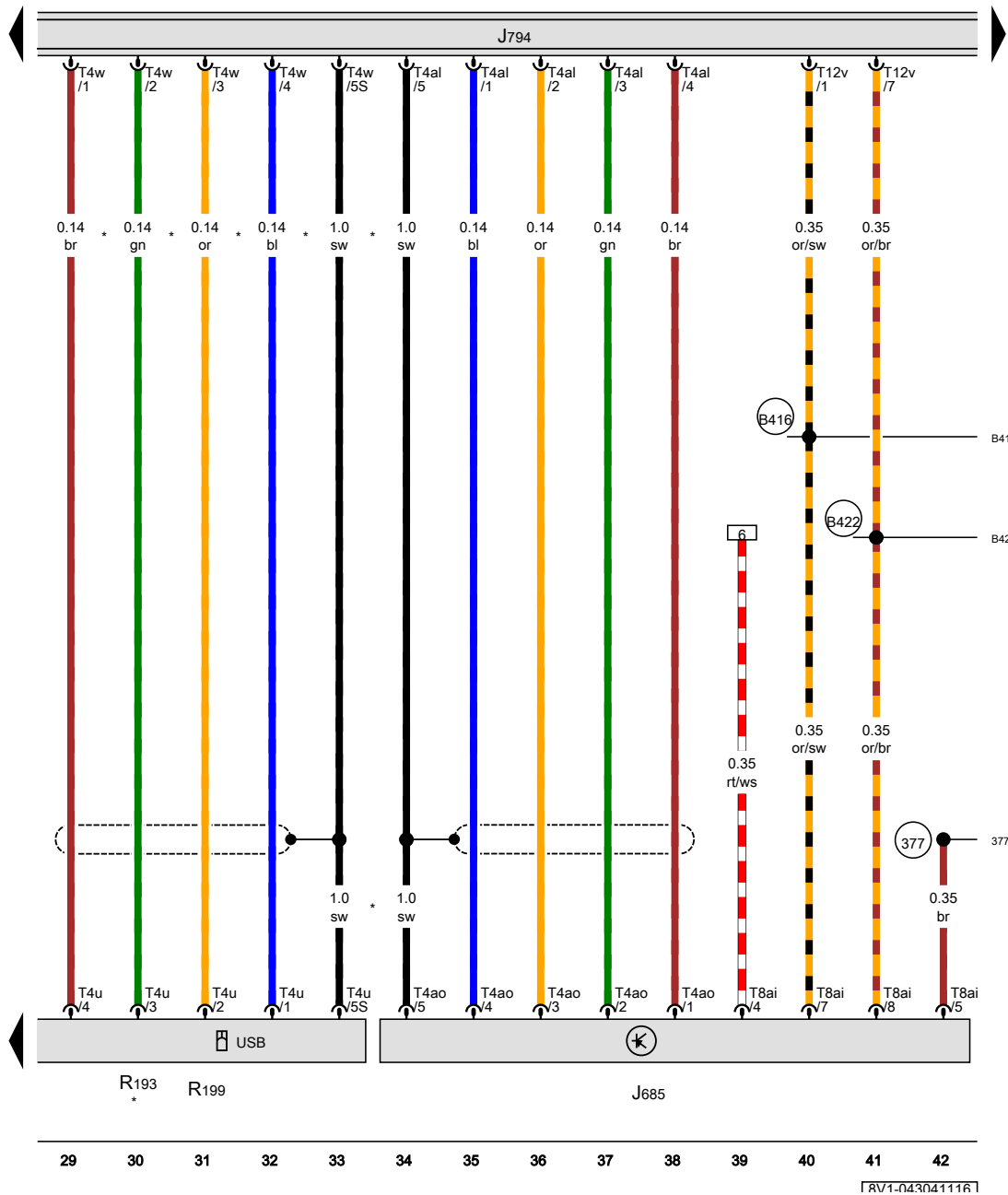
- * Only models with Bang & Olufsen sound system
- *2 According to equipment
- *3 Only for RS 3 models
- *4 Not for RS 3 models

Control unit 1 for information electronics

- J794 Control unit 1 for information electronics
- R199 Connection for external audio sources
- T12y 12-pin connector
- T16m 16-pin connector
- * Only models with connection for external multi-media devices with electrical interface
- *2 According to equipment



Display unit for front information display and operating unit control unit, Control unit 1 for information electronics



- J685 Display unit for front information display and operating unit control unit
- J794 Control unit 1 for information electronics
- R193 USB connection holder
- R199 Connection for external audio sources
- T4ai 4-pin connector
- T4ao 4-pin connector
- T4u 4-pin connector
- T4w 4-pin connector
- T8ai 8-pin connector
- T12v 12-pin connector

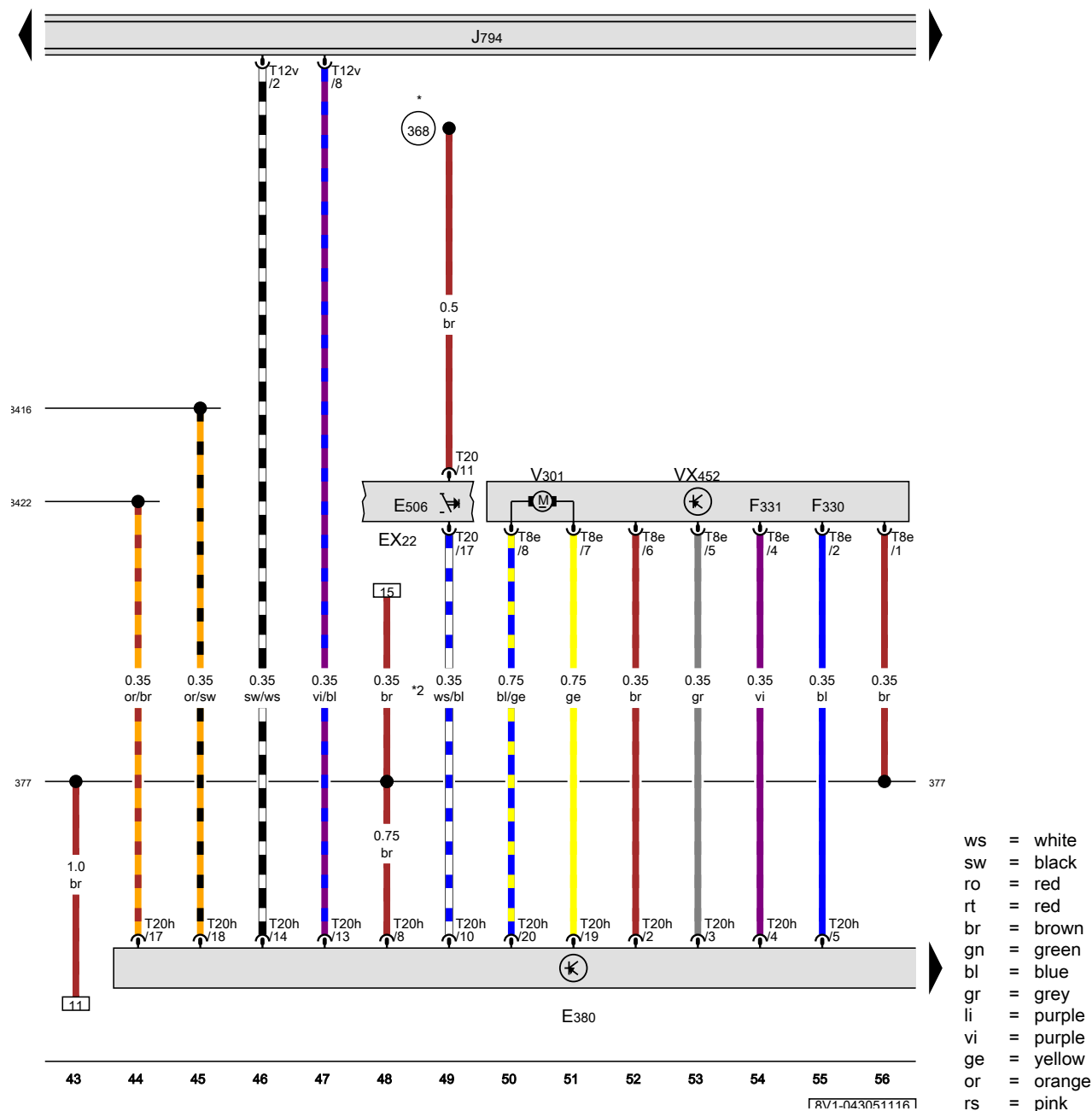
- 377 Earth connection 12, in main wiring harness
- B416 Connection 2 (infotainment CAN bus, high), in main wiring harness
- B422 Connection 2 (infotainment CAN bus, low), in main wiring harness
- * According to equipment

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

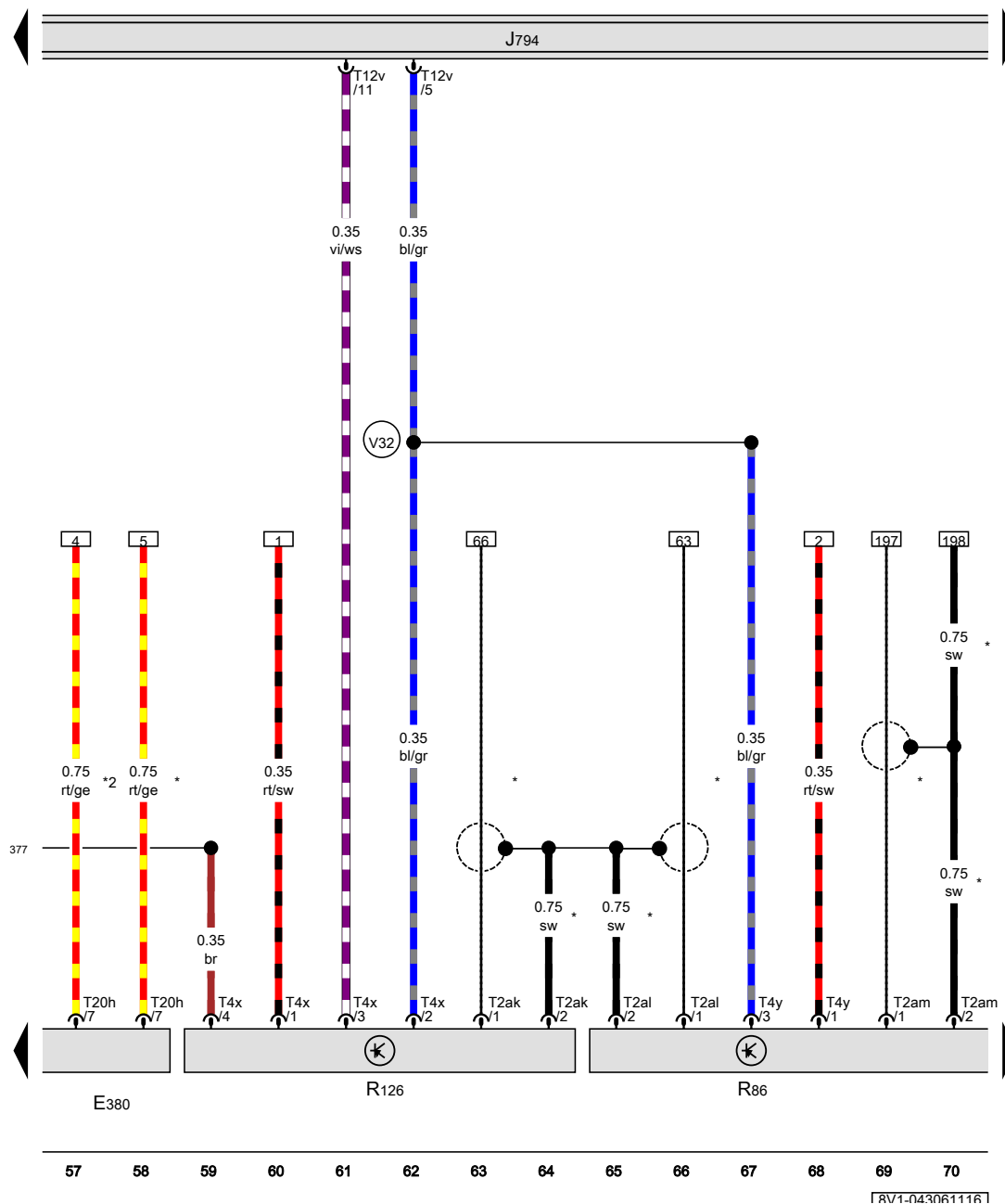
Centre switch module in dash panel, Multimedia system operating unit, Display unit button, Control unit 1 for information electronics, Open and close display motor, Pivot mechanism for display

EX22	Centre switch module in dash panel
E380	Multimedia system operating unit
E506	Display unit button
F330	Open display limit switch
F331	Close display limit switch
J794	Control unit 1 for information electronics
T8e	8-pin connector
T12v	12-pin connector
T20	20-pin connector
T20h	20-pin connector
V301	Open and close display motor
VX452	Pivot mechanism for display

- 368 Earth connection 3, in main wiring harness
- 377 Earth connection 12, in main wiring harness
- B416 Connection 2 (infotainment CAN bus, high), in main wiring harness
- B422 Connection 2 (infotainment CAN bus, low), in main wiring harness
- * see applicable current flow diagram for basic equipment
- *2 According to equipment



Multimedia system operating unit, Control unit 1 for information electronics



- E380 Multimedia system operating unit
- J794 Control unit 1 for information electronics
- R86 Aerial amplifier for mobile telephone
- R126 Telephone bracket
- T2ak 2-pin connector
- T2al 2-pin connector
- T2am 2-pin connector
- T4x 4-pin connector
- T4y 4-pin connector
- T12v 12-pin connector
- T20h 20-pin connector

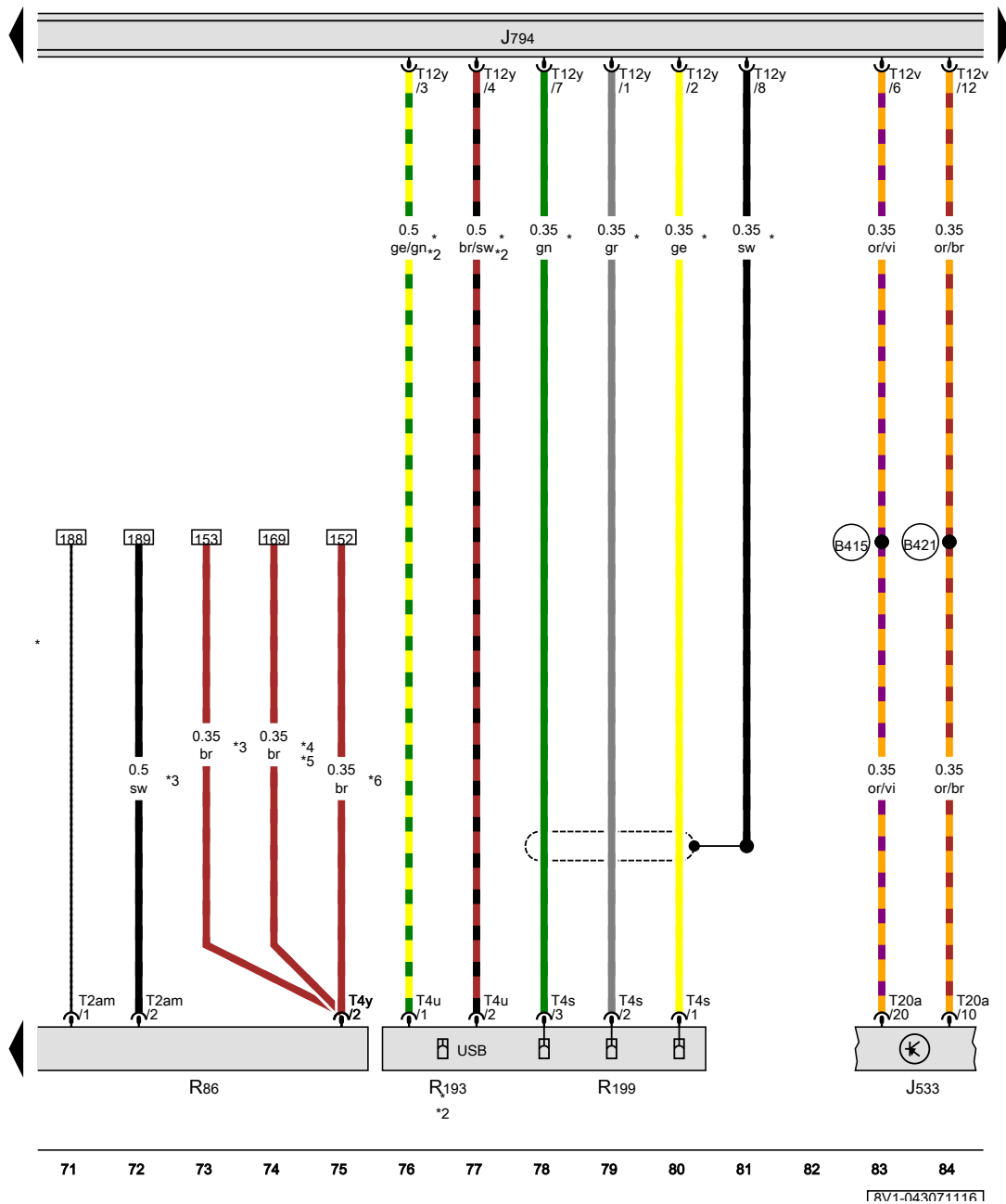
377 Earth connection 12, in main wiring harness

V32 Positive connection (30), in telephone wiring harness

* According to equipment

*2 Only models with Bang & Olufsen sound system

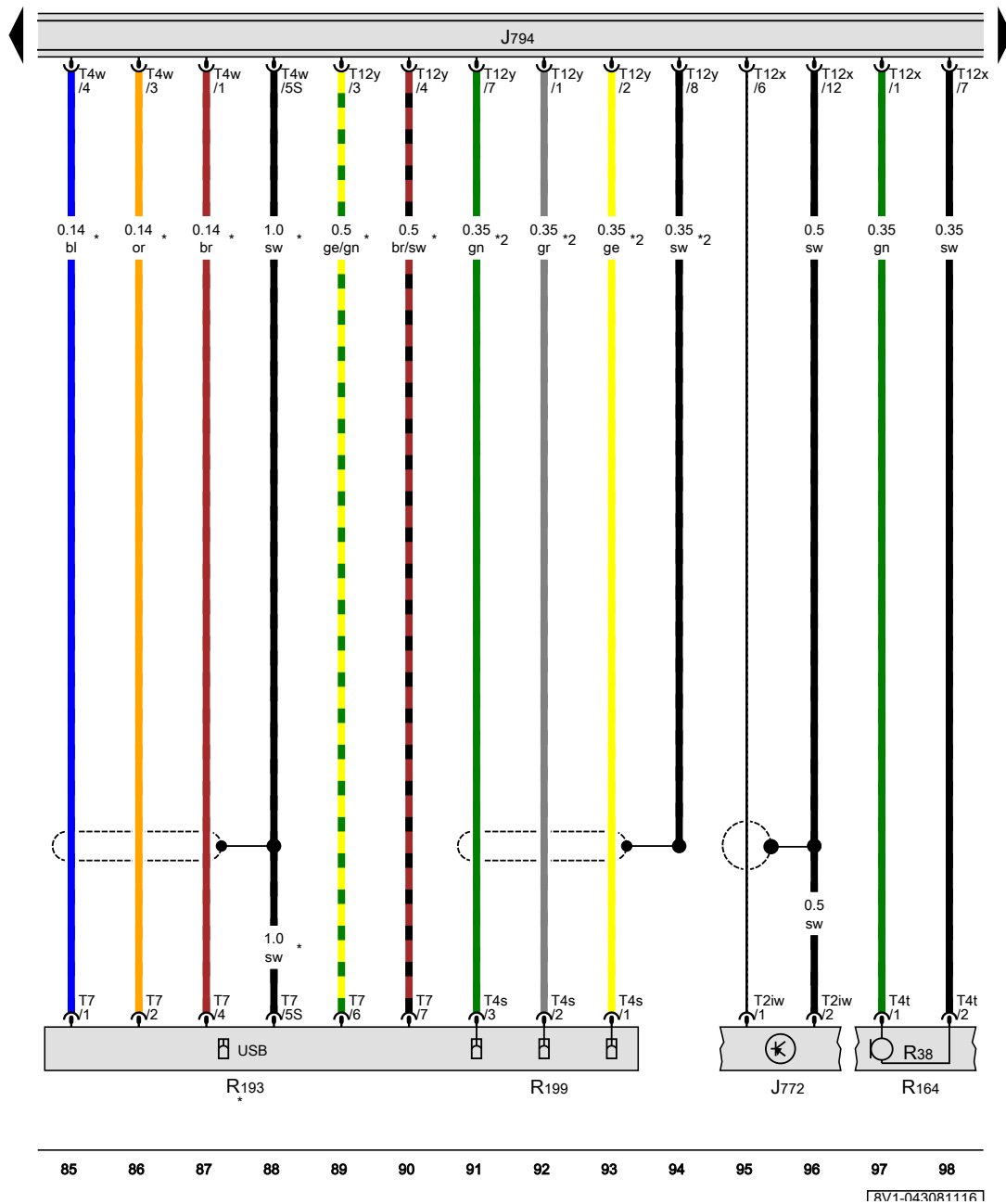
Data bus diagnostic interface, Control unit 1 for information electronics



J533	Data bus diagnostic interface
J794	Control unit 1 for information electronics
R86	Aerial amplifier for mobile telephone
R193	USB connection holder
R199	Connection for external audio sources
T2am	2-pin connector
T4s	4-pin connector
T4u	4-pin connector
T4y	4-pin connector
T12v	12-pin connector
T12y	12-pin connector
T20a	20-pin connector
B415	Connection 1 (infotainment CAN bus, high), in main wiring harness
B421	Connection 1 (infotainment CAN bus, low), in main wiring harness
*	According to equipment
*2	If fitted
*3	Only Cabriolet models
*4	Only models with 3-doors
*5	Only models with 5-doors
*6	Only models with 4-doors

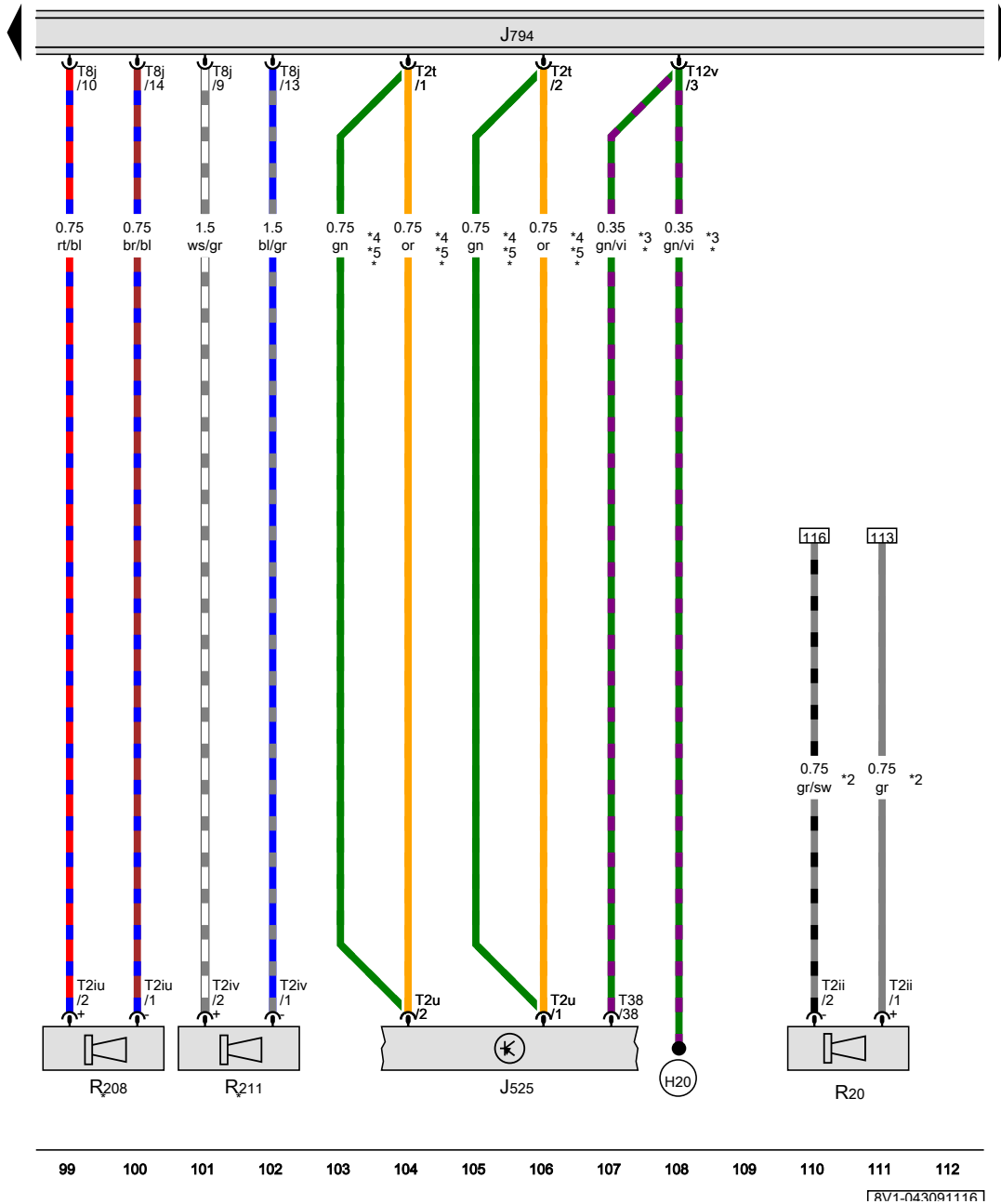
ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Reversing camera system control unit, Control unit 1 for information electronics, Microphone unit in front roof module



- J772 Reversing camera system control unit
- J794 Control unit 1 for information electronics
- R38 Telephone microphone
- R164 Microphone unit in front roof module
- R193 USB connection holder
- R199 Connection for external audio sources
- T2iw 2-pin connector
- T4s 4-pin connector
- T4t 4-pin connector
- T4w 4-pin connector
- T7 7-pin connector
- T12x 12-pin connector
- T12y 12-pin connector
- * According to equipment
- *2 Only models with connection for external audio sources - AUX-IN socket

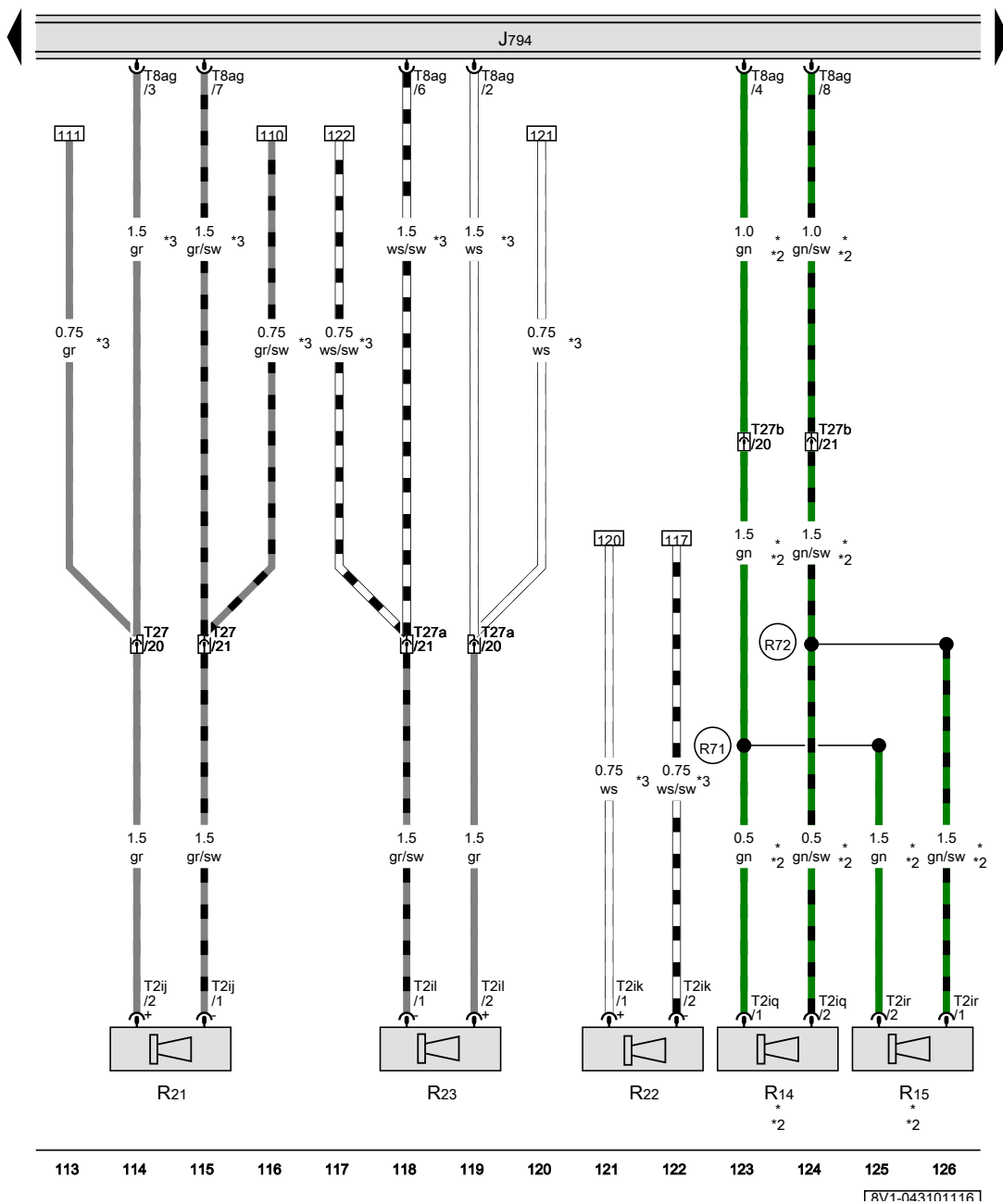
Control unit 1 for information electronics, Front left treble loudspeaker, Centre loudspeaker, Subwoofer



- J525 Digital sound package control unit
- J794 Control unit 1 for information electronics
- R20 Front left treble loudspeaker
- R208 Centre loudspeaker
- R211 Subwoofer
- T2ii 2-pin connector
- T2iu 2-pin connector
- T2iv 2-pin connector
- T2t 2-pin connector
- T2u 2-pin connector
- T8j 8-pin connector
- T12v 12-pin connector
- T38 38-pin connector

H20 Connection 1, in diagnosis wiring harness

- * According to equipment
- *2 Cross section depends on equipment
- *3 see applicable current flow diagram for ring circuit break diagnostic
- *4 Fibre optic cable (FOC)
- *5 see applicable current flow diagram for infotainment MOST bus



Control unit 1 for information electronics, Rear left treble loudspeaker, Rear left bass loudspeaker, Front left bass loudspeaker, Front right treble loudspeaker, Front right bass loudspeaker

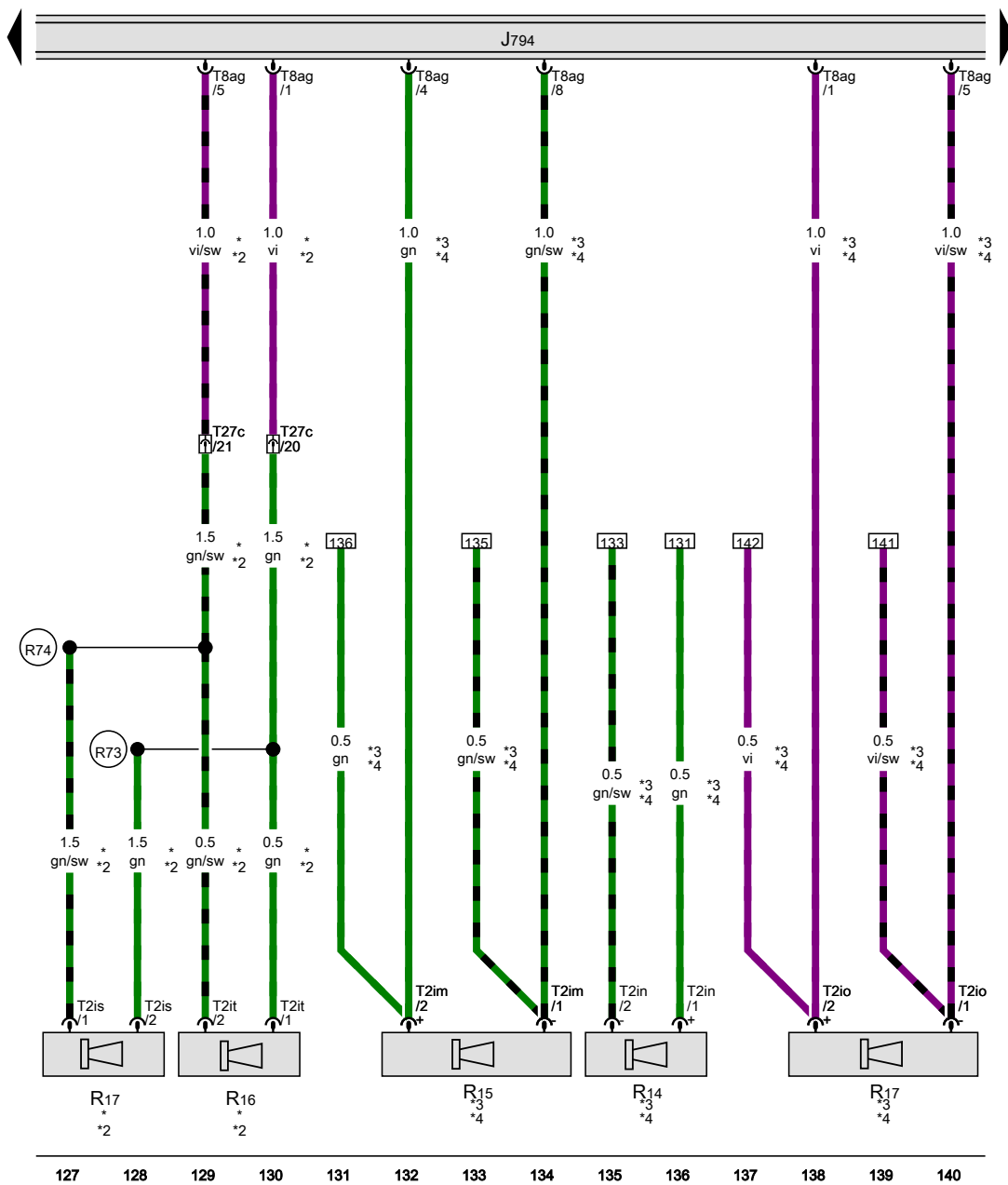
- J794 Control unit 1 for information electronics
- R14 Rear left treble loudspeaker
- R15 Rear left bass loudspeaker
- R21 Front left bass loudspeaker
- R22 Front right treble loudspeaker
- R23 Front right bass loudspeaker
- T2ij 2-pin connector
- T2ik 2-pin connector
- T2il 2-pin connector
- T2iq 2-pin connector
- T2ir 2-pin connector
- T8ag 8-pin connector
- T27 27-pin connector
- T27a 27-pin connector
- T27b 27-pin connector

R71 Connection (positive, loudspeaker)), in rear left door wiring harness

R72 Connection (negative, loudspeaker), in rear left door wiring harness

- * Only models with 4-doors
- *2 Only models with 5-doors
- *3 Cross section depends on equipment

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



Control unit 1 for information electronics, Rear left treble loudspeaker, Rear left bass loudspeaker, Rear right treble loudspeaker, Rear right bass loudspeaker

J794 Control unit 1 for information electronics

R14 Rear left treble loudspeaker

R15 Rear left bass loudspeaker

R16 Rear right treble loudspeaker

R17 Rear right bass loudspeaker

T2im 2-pin connector

T2in 2-pin connector

T2io 2-pin connector

T2is 2-pin connector

T2it 2-pin connector

T8ag 8-pin connector

T27c 27-pin connector

R73 Connection (positive, loudspeaker), in rear right door wiring harness

R74 Connection (negative, loudspeaker), in rear right door wiring harness

* Only models with 4-doors

*2 Only models with 5-doors

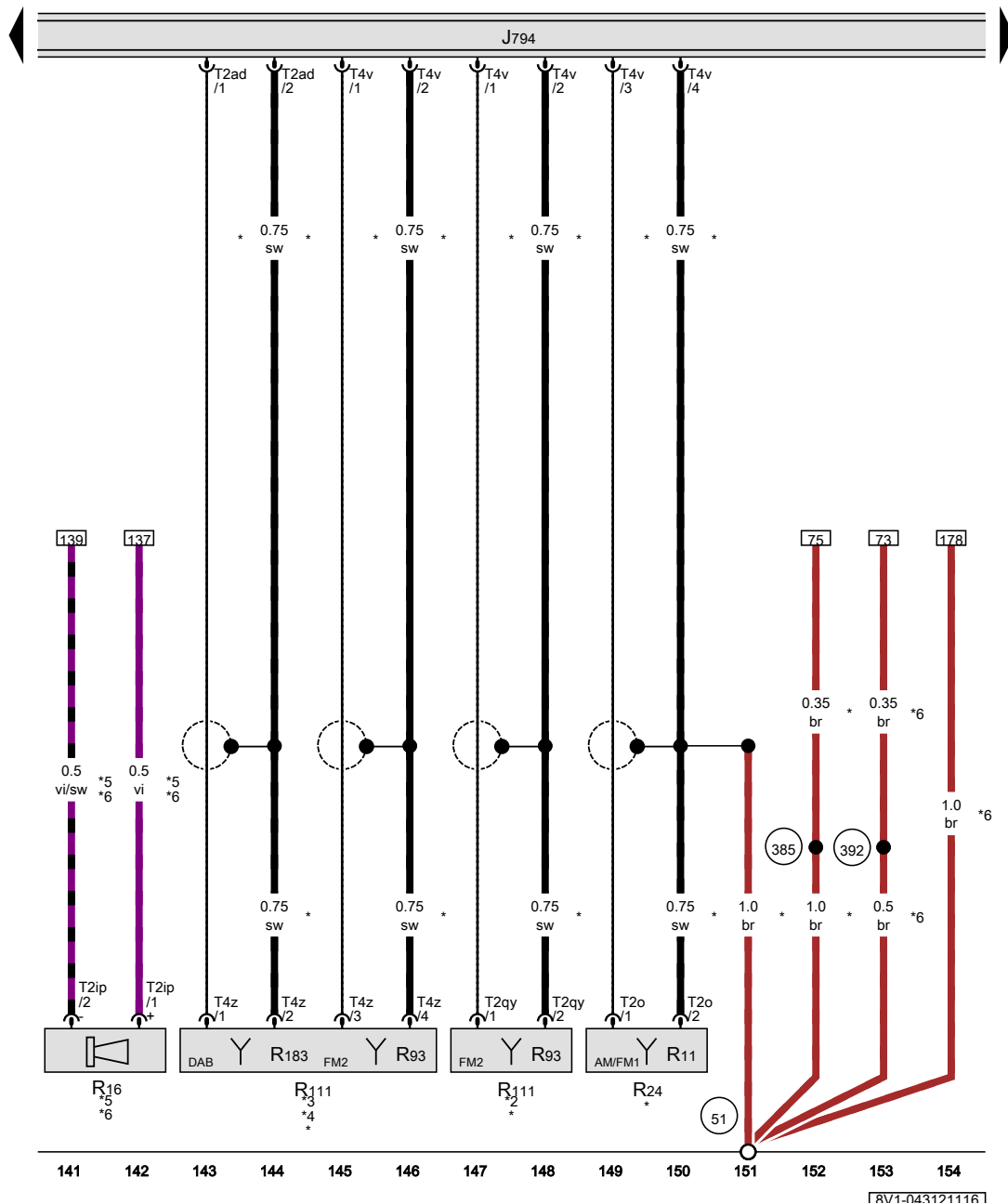
*3 Only models with 3-doors

*4 Only Cabriolet models

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

[RV1-043111116]

Control unit 1 for information electronics, Rear right treble loudspeaker, Aerial amplifier, Aerial amplifier 2



- J794 Control unit 1 for information electronics
- R11 Aerial
- R16 Rear right treble loudspeaker
- R24 Aerial amplifier
- R93 Radio aerial 2
- R111 Aerial amplifier 2
- R183 Digital radio aerial
- T2ad 2-pin connector
- T2ip 2-pin connector
- T2o 2-pin connector
- T2qy 2-pin connector
- T4v 4-pin connector
- T4z 4-pin connector

51 Earth point, on right in luggage compartment

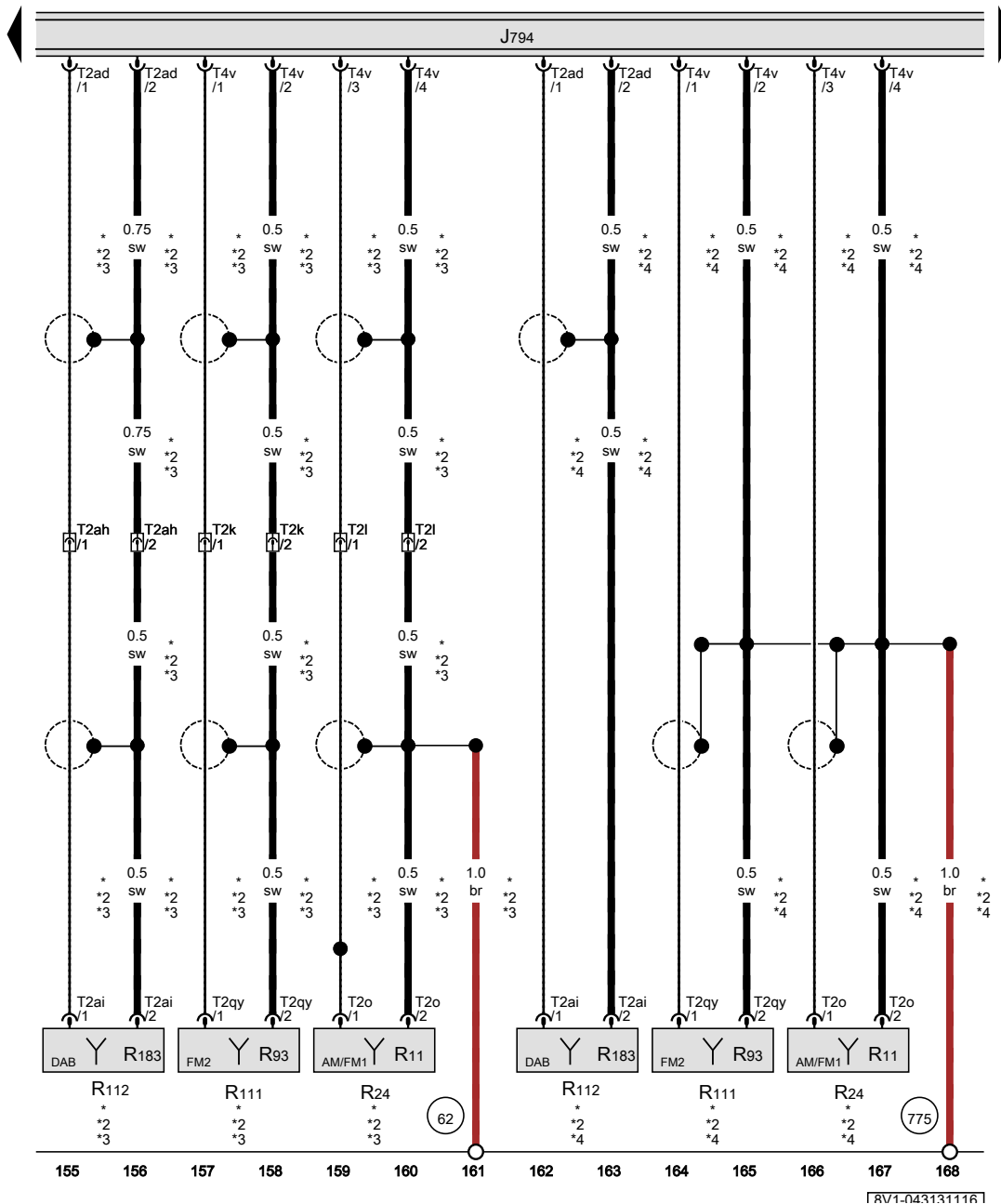
385 Earth connection 20, in main wiring harness

392 Earth connection 27, in main wiring harness

- * Only models with 4-doors
- *2 Only models with no digital radio
- *3 Only models with digital radio
- *4 Only models with no satellite radio
- *5 Only models with 3-doors
- *6 Only Cabriolet models

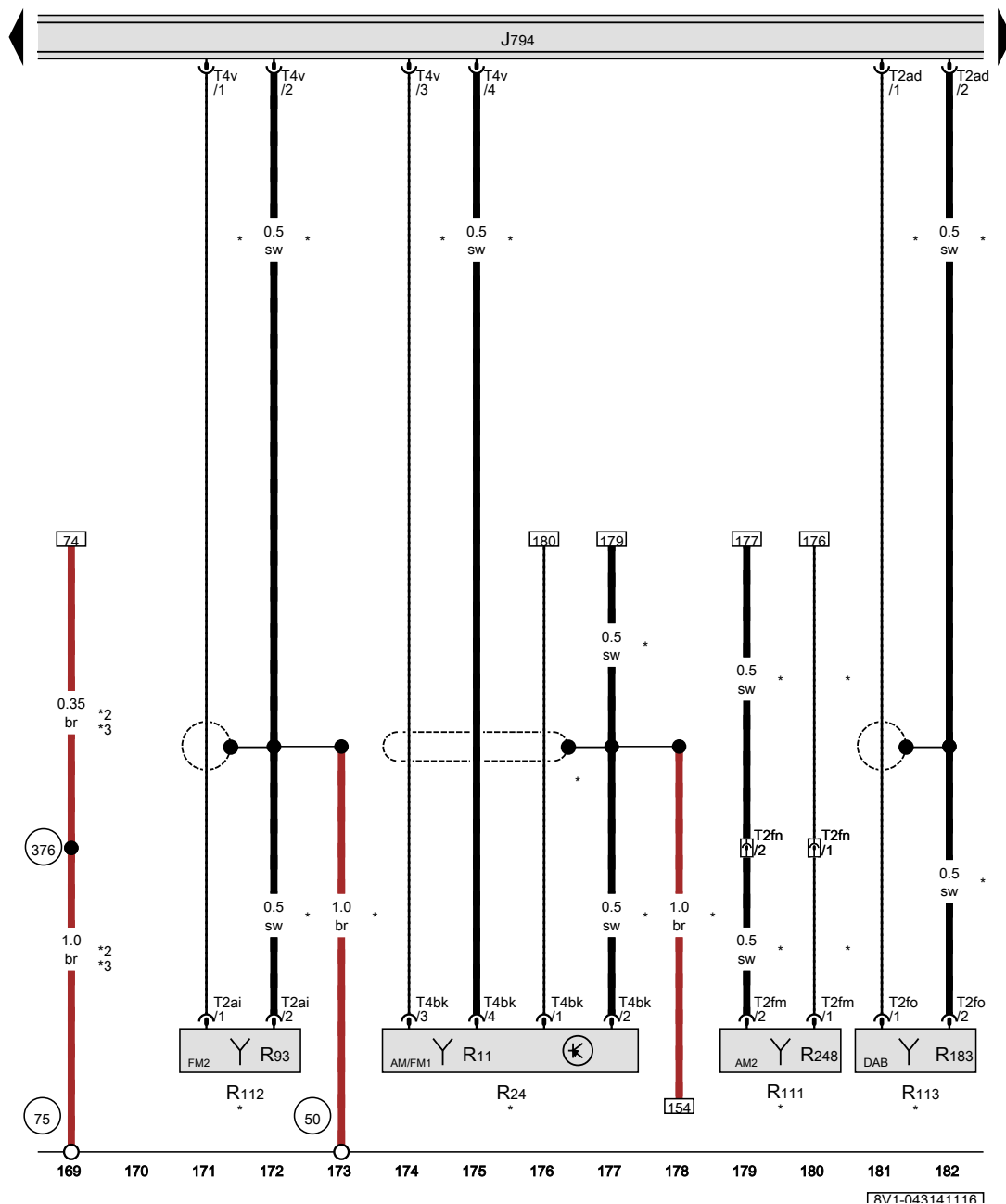
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Control unit 1 for information electronics, Aerial amplifier, Aerial amplifier 2, Aerial amplifier 3



- J794 Control unit 1 for information electronics
- R11 Aerial
- R24 Aerial amplifier
- R93 Radio aerial 2
- R111 Aerial amplifier 2
- R112 Aerial amplifier 3
- R183 Digital radio aerial
- T2ad 2-pin connector
- T2ah 2-pin connector
- T2ai 2-pin connector
- T2k 2-pin connector, Coupling point for rear lid
- T2l 2-pin connector, Coupling point for rear lid
- T2o 2-pin connector
- T2qy 2-pin connector
- T4v 4-pin connector

- 62 Earth point, right C-pillar
- 775 Earth point 3, on right in luggage compartment
- * Only models with 3-doors
- *2 Only models with 5-doors
- *3 Up to October 2014
- *4 From November 2014



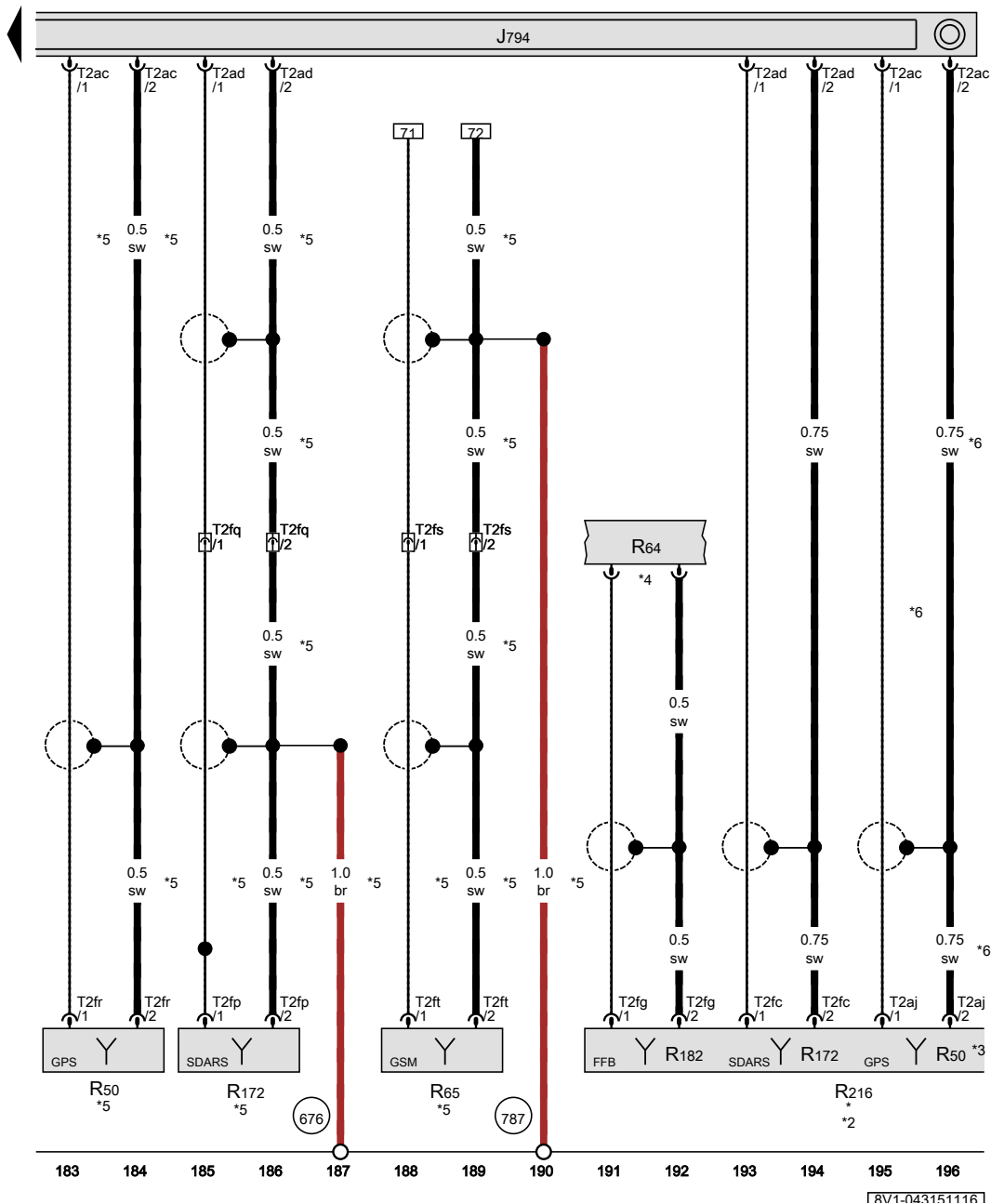
Control unit 1 for information electronics, Aerial amplifier, Aerial amplifier 3, Aerial amplifier 4

- J794 Control unit 1 for information electronics
- R11 Aerial
- R24 Aerial amplifier
- R93 Radio aerial 2
- R111 Aerial amplifier 2
- R112 Aerial amplifier 3
- R113 Aerial amplifier 4
- R183 Digital radio aerial
- R248 Radio aerial
- T2ad 2-pin connector
- T2ai 2-pin connector
- T2fn 2-pin connector
- T2fo 2-pin connector
- T4bk 4-pin connector
- T4v 4-pin connector

- 50 Earth point, on left in luggage compartment
- 75 Earth point, rear right pillar
- 376 Earth connection 11, in main wiring harness
- * Only Cabriolet models
- *2 Only models with 3-doors
- *3 Only models with 5-doors

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Control unit 1 for information electronics, Telephone aerial, Roof aerial



- J794 Control unit 1 for information electronics
- R50 GPS aerial
- R64 Remote control receiver for auxiliary heater
- R65 Telephone aerial
- R172 Satellite tuner aerial
- R182 Auxiliary heater aerial
- R216 Roof aerial
- T2ac 2-pin connector
- T2ad 2-pin connector
- T2aj 2-pin connector
- T2fc 2-pin connector
- T2fg 2-pin connector
- T2fp 2-pin connector
- T2fq 2-pin connector
- T2fr 2-pin connector
- T2fs 2-pin connector
- T2ft 2-pin connector

676 Earth point 2, on left in luggage compartment

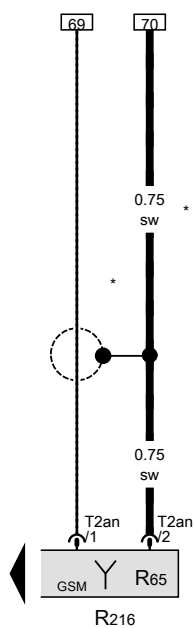
787 Earth point 4, on right in luggage compartment

- * Only models with no digital radio
- *2 Only models with satellite radio
- *3 According to equipment
- *4 Only models with auxiliary heating
- *5 Only Cabriolet models
- *6 Only models with no hybrid drive system

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Roof aerial

- R65 Telephone aerial
- R216 Roof aerial
- T2an 2-pin connector
- * According to equipment



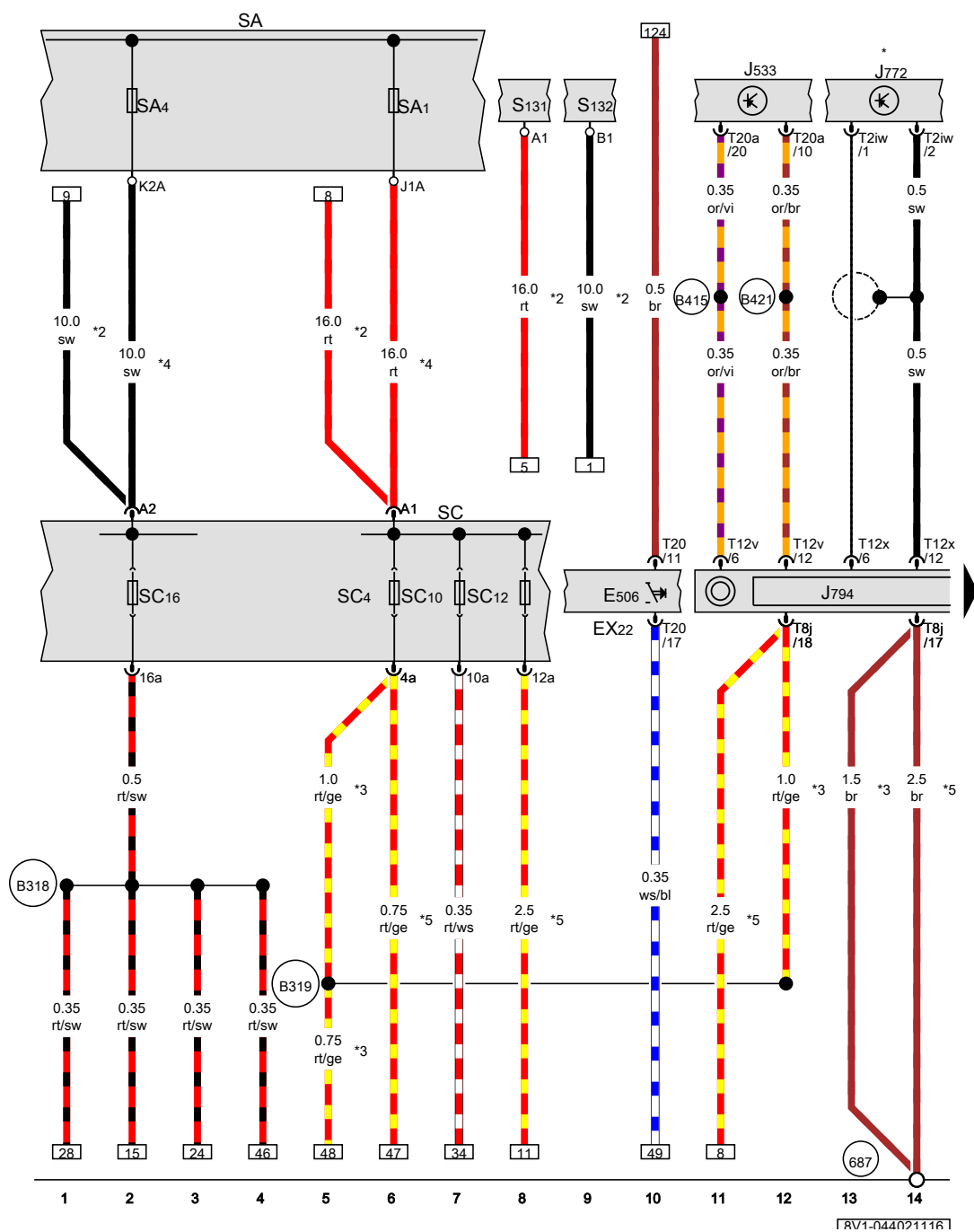
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

197 198 199 200 201 202 203 204 205 206 207 208 209 210

[8V1-043161116]

MMI high with navigation system , (I8G),(I8H),(I8S),(GP0)

From March 2012



ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Centre switch module in dash panel, Display unit button, Data bus diagnostic interface, Reversing camera system control unit, Control unit 1 for information electronics, Fuse holder A, Fuse 1 on fuse holder A, Fuse holder C

- EX22 Centre switch module in dash panel
- E506 Display unit button
- J533 Data bus diagnostic interface
- J772 Reversing camera system control unit
- J794 Control unit 1 for information electronics
- SA Fuse holder A
- SA1 Fuse 1 on fuse holder A
- SC4 Fuse 4 on fuse holder C
- SA4 Fuse 4 on fuse holder A
- SC10 Fuse 10 on fuse holder C
- SC12 Fuse 12 on fuse holder C
- SC16 Fuse 16 on fuse holder C
- S131 Fuse 1
- S132 Fuse 2
- SC Fuse holder C
- T2iw 2-pin connector
- T8j 8-pin connector
- T12v 12-pin connector
- T12x 12-pin connector
- T20 20-pin connector
- T20a 20-pin connector

- 687 Earth point 1, on centre tunnel
- B318 Positive connection 4 (30a) in main wiring harness
- B319 Positive connection 5 (30a) in main wiring harness
- B415 Connection 1 (infotainment CAN bus, high), in main wiring harness
- B421 Connection 1 (infotainment CAN bus, low), in main wiring harness

- * Only models with reversing camera system
- *2 Only for RS 3 models
- *3 Only models with Bang & Olufsen sound system
- *4 Not for RS 3 models
- *5 According to equipment

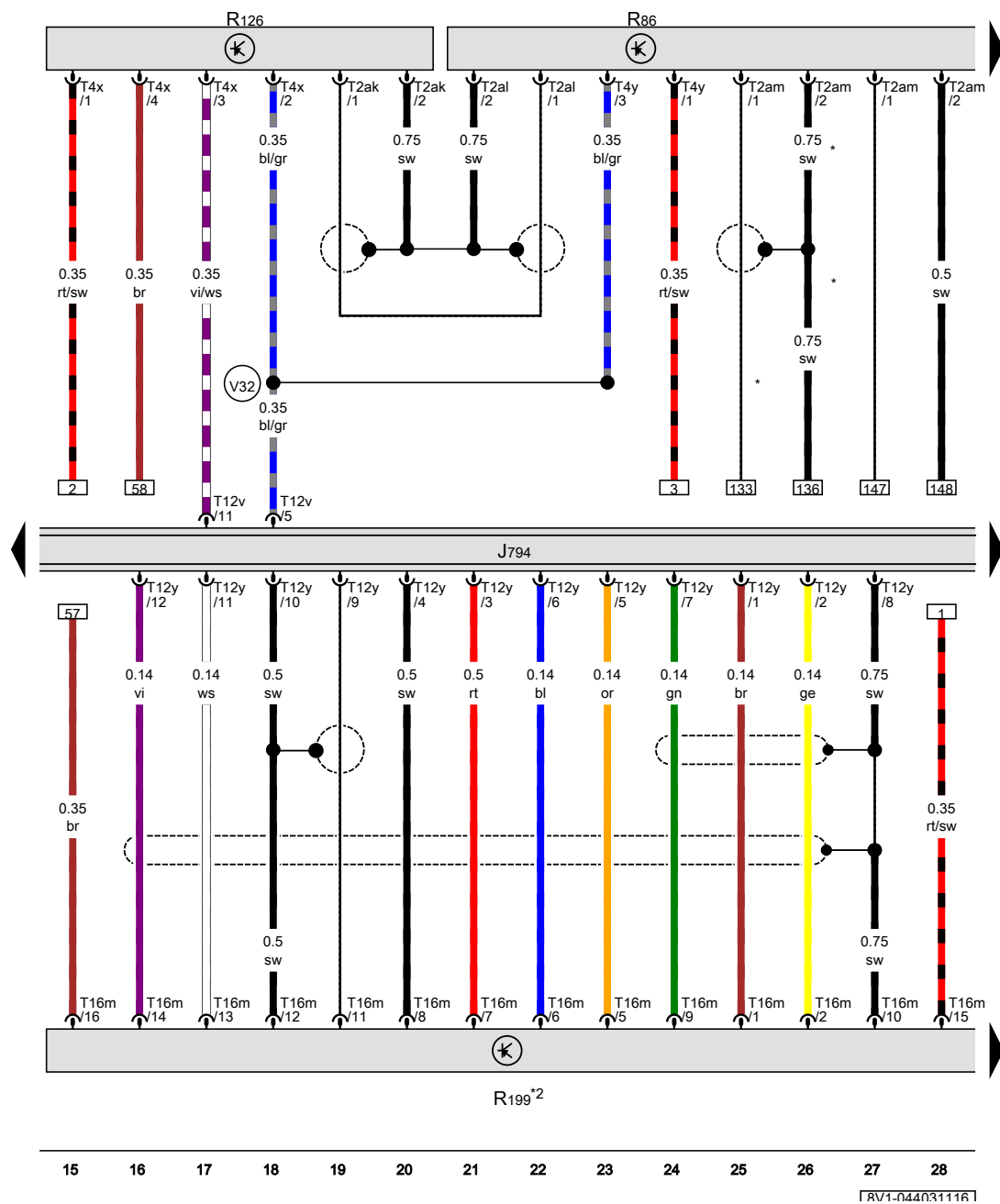
Control unit 1 for information electronics

- J794 Control unit 1 for information electronics
- R86 Aerial amplifier for mobile telephone
- R126 Telephone bracket
- R199 Connection for external audio sources
- T2ak 2-pin connector
- T2al 2-pin connector
- T2am 2-pin connector
- T4x 4-pin connector
- T4y 4-pin connector
- T12v 12-pin connector
- T12y 12-pin connector
- T16m 16-pin connector

V32 Positive connection (30), in telephone wiring harness

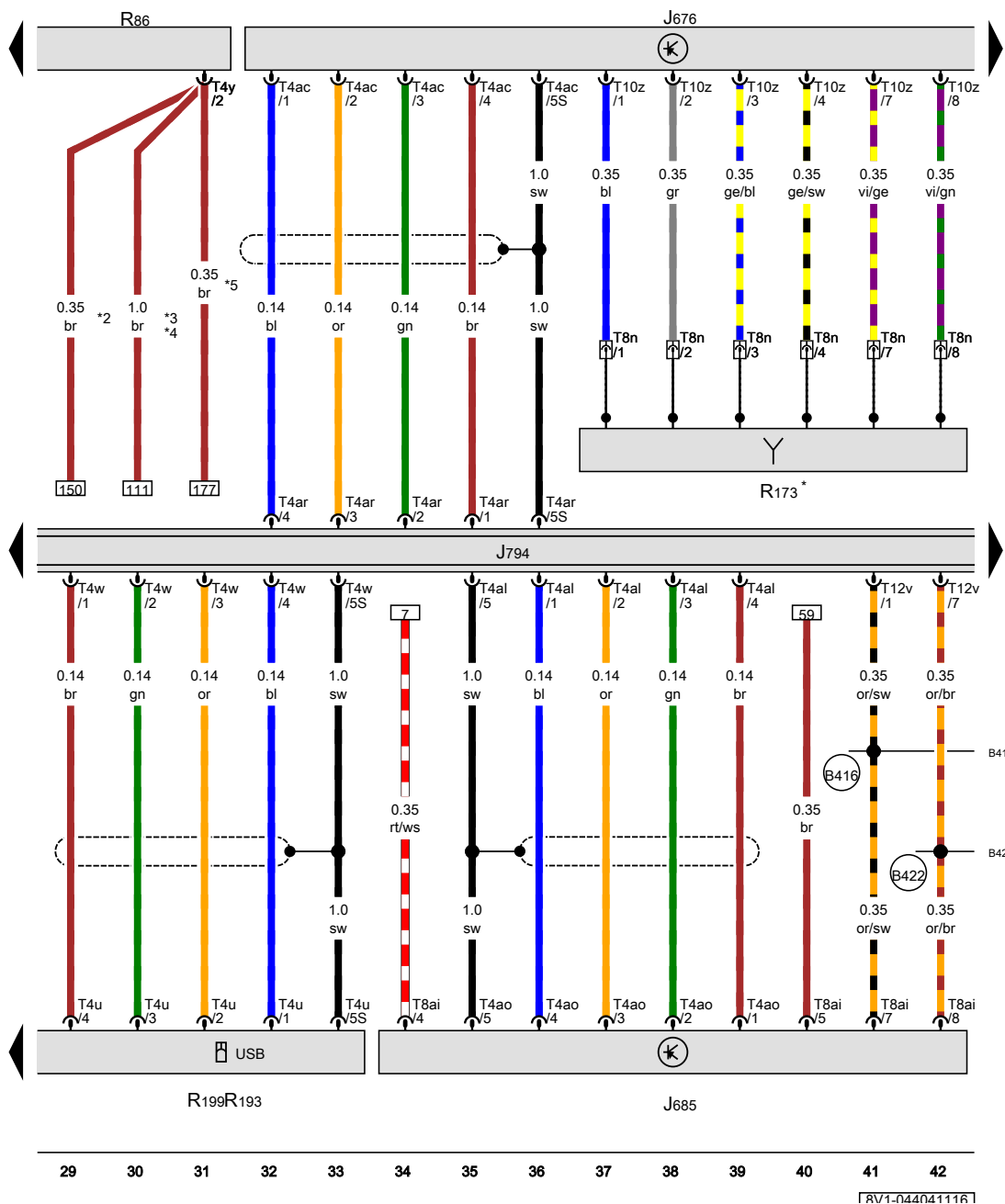
* According to equipment

*2 Only models with connection for external multi-media devices with electrical interface



- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Display unit for front information display and operating unit control unit, Control unit 1 for information electronics



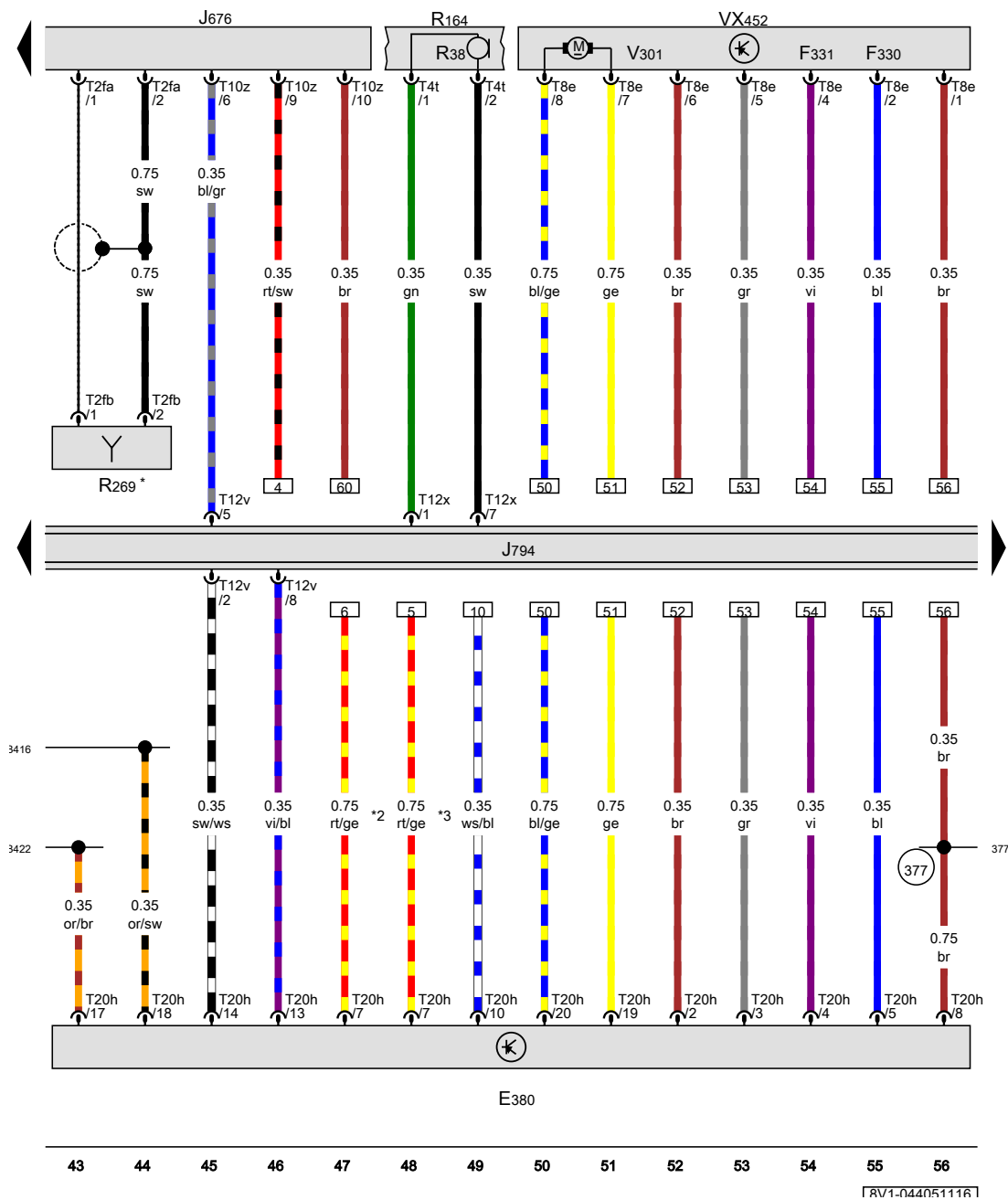
- J676 Chip card reader control unit
- J685 Display unit for front information display and operating unit control unit
- J794 Control unit 1 for information electronics
- R86 Aerial amplifier for mobile telephone
- R173 Traffic data aerial
- R193 USB connection holder
- R199 Connection for external audio sources
- T4ac 4-pin connector
- T4al 4-pin connector
- T4ao 4-pin connector
- T4ar 4-pin connector
- T4u 4-pin connector
- T4w 4-pin connector
- T4y 4-pin connector
- T8ai 8-pin connector
- T8n 8-pin connector
- T10z 10-pin connector
- T12v 12-pin connector

B416 Connection 2 (infotainment CAN bus, high), in main wiring harness

B422 Connection 2 (infotainment CAN bus, low), in main wiring harness

- * Only models with equipment for Japan
- *2 Only Cabriolet models
- *3 Only models with 3-doors
- *4 Only models with 5-doors
- *5 Only models with 4-doors

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink



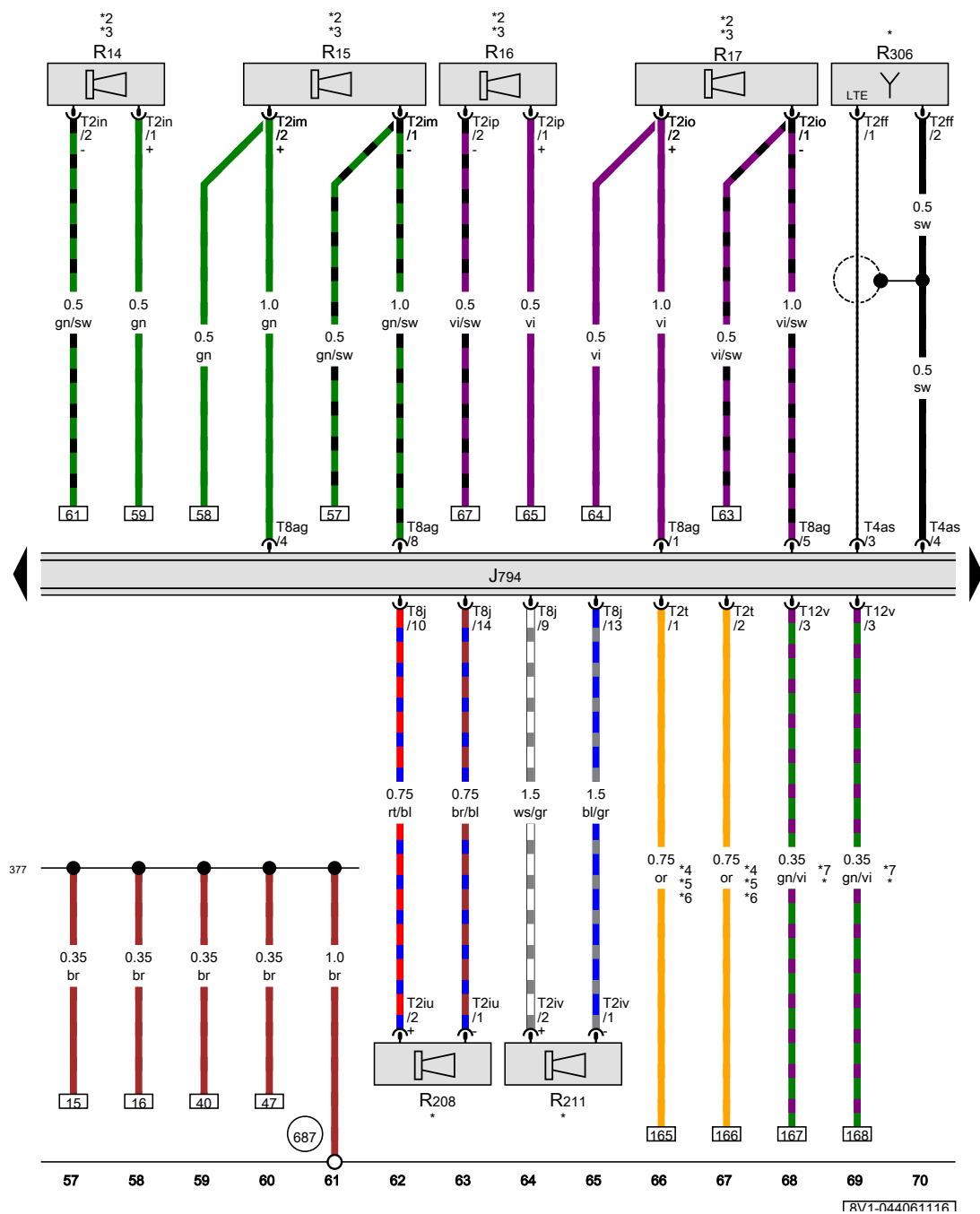
Multimedia system operating unit, Control unit 1 for information electronics, Microphone unit in front roof module, Open and close display motor, Pivot mechanism for display

E380	Multimedia system operating unit
F330	Open display limit switch
F331	Close display limit switch
J676	Chip card reader control unit
J794	Control unit 1 for information electronics
R38	Telephone microphone
R164	Microphone unit in front roof module
R269	Dedicated short-range communication aerial
T2fa	2-pin connector
T2fb	2-pin connector
T4t	4-pin connector
T8e	8-pin connector
T10z	10-pin connector
T12v	12-pin connector
T12x	12-pin connector
T20h	20-pin connector
V301	Open and close display motor
VX452	Pivot mechanism for display

- 377 Earth connection 12, in main wiring harness
- B416 Connection 2 (infotainment CAN bus, high), in main wiring harness
- B422 Connection 2 (infotainment CAN bus, low), in main wiring harness

- * Only models with equipment for Japan
- *2 According to equipment
- *3 Only models with Bang & Olufsen sound system

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink



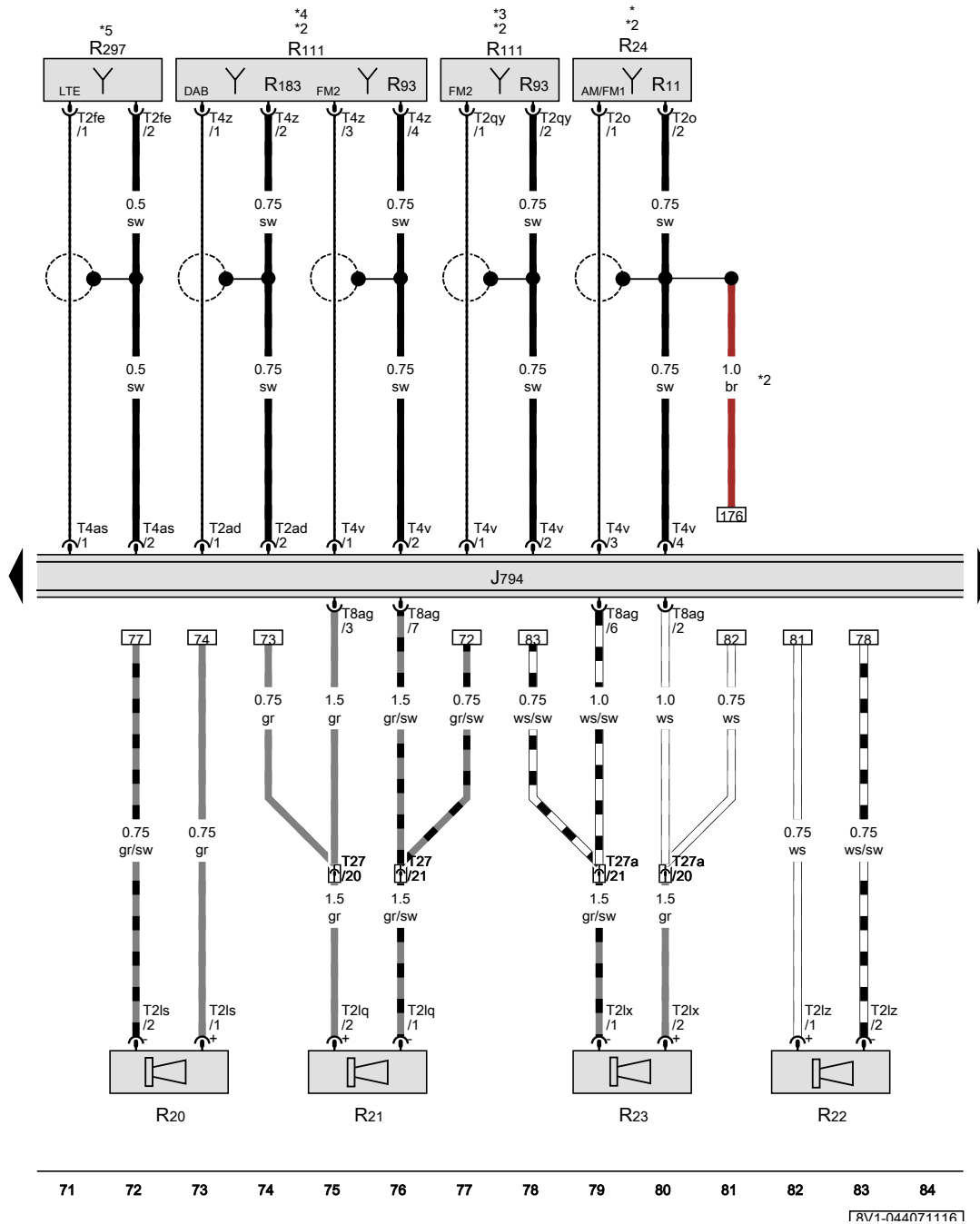
Control unit 1 for information electronics, Rear left treble loudspeaker, Rear left bass loudspeaker, Rear right treble loudspeaker, Rear right bass loudspeaker, Centre loudspeaker, Subwoofer

J794	Control unit 1 for information electronics
R14	Rear left treble loudspeaker
R15	Rear left bass loudspeaker
R16	Rear right treble loudspeaker
R17	Rear right bass loudspeaker
R208	Centre loudspeaker
R211	Subwoofer
R306	LTE aerial 2
T2ff	2-pin connector
T2im	2-pin connector
T2in	2-pin connector
T2io	2-pin connector
T2ip	2-pin connector
T2iu	2-pin connector
T2iv	2-pin connector
T2t	2-pin connector
T4as	4-pin connector
T8ag	8-pin connector
T8j	8-pin connector
T12v	12-pin connector

- 377 Earth connection 12, in main wiring harness
- 687 Earth point 1, on centre tunnel

- * According to equipment
- *2 Only models with 3-doors
- *3 Only Cabriolet models
- *4 Fibre optic cable (FOC)
- *5 see applicable current flow diagram for infotainment MOST bus
- *6 Wiring colour depends on equipment
- *7 see applicable current flow diagram for ring circuit break diagnostic

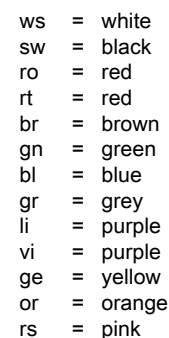
ws = white
sw = black
ro = red
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gn = green
bl = blue
gr = grey
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vi = purple
ge = yellow
or = orange
rs = pink



Control unit 1 for information electronics, Front left treble loudspeaker, Front left bass loudspeaker, Front right treble loudspeaker, Front right bass loudspeaker, Aerial amplifier, Aerial amplifier 2

- J794 Control unit 1 for information electronics
- R11 Aerial
- R20 Front left treble loudspeaker
- R21 Front left bass loudspeaker
- R22 Front right treble loudspeaker
- R23 Front right bass loudspeaker
- R24 Aerial amplifier
- R93 Radio aerial 2
- R111 Aerial amplifier 2
- R183 Digital radio aerial
- R297 LTE aerial 1
- T2ad 2-pin connector
- T2fe 2-pin connector
- T2lq 2-pin connector
- T2ls 2-pin connector
- T2lx 2-pin connector
- T2lz 2-pin connector
- T2o 2-pin connector
- T2qy 2-pin connector
- T4as 4-pin connector
- T4v 4-pin connector
- T4z 4-pin connector
- T8ag 8-pin connector
- T27 27-pin connector
- T27a 27-pin connector
- * Only models with no TV receiver
- *2 Only models with 4-doors
- *3 Only models with no digital radio
- *4 Only models with digital radio
- *5 According to equipment

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink



- * Only models with 4-doors
- *2 Only models with 5-doors
- *3 Only models with TV tuner

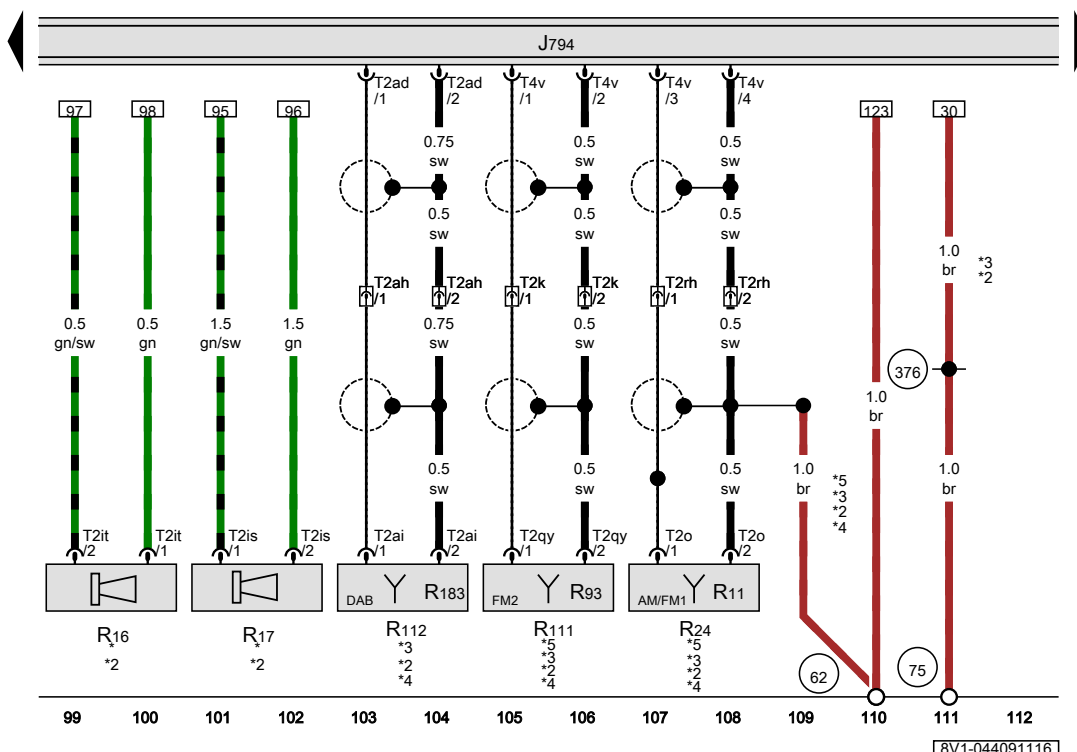
Control unit 1 for information electronics, Rear right treble loudspeaker, Rear right bass loudspeaker, Aerial amplifier, Aerial amplifier 2, Aerial amplifier 3

- J794 Control unit 1 for information electronics
- R11 Aerial
- R16 Rear right treble loudspeaker
- R17 Rear right bass loudspeaker
- R24 Aerial amplifier
- R93 Radio aerial 2
- R111 Aerial amplifier 2
- R112 Aerial amplifier 3
- R183 Digital radio aerial
- T2ad 2-pin connector
- T2ah 2-pin connector
- T2ai 2-pin connector
- T2is 2-pin connector
- T2it 2-pin connector
- T2k 2-pin connector, Coupling point for rear lid
- T2o 2-pin connector
- T2qy 2-pin connector
- T2rh 2-pin connector, Coupling point for rear lid
- T4v 4-pin connector

- 62 Earth point, right C-pillar
- 75 Earth point, rear right pillar
- 376 Earth connection 11, in main wiring harness

- * Only models with 4-doors
- *2 Only models with 5-doors
- *3 Only models with 3-doors
- *4 Up to October 2014
- *5 Only models with no TV receiver

- ws = white
- sw = black
- ro = red
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- gn = green
- bl = blue
- gr = grey
- li = purple
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- ge = yellow
- or = orange
- rs = pink



Control unit 1 for information electronics, Aerial amplifier, Aerial amplifier 2, Roof aerial

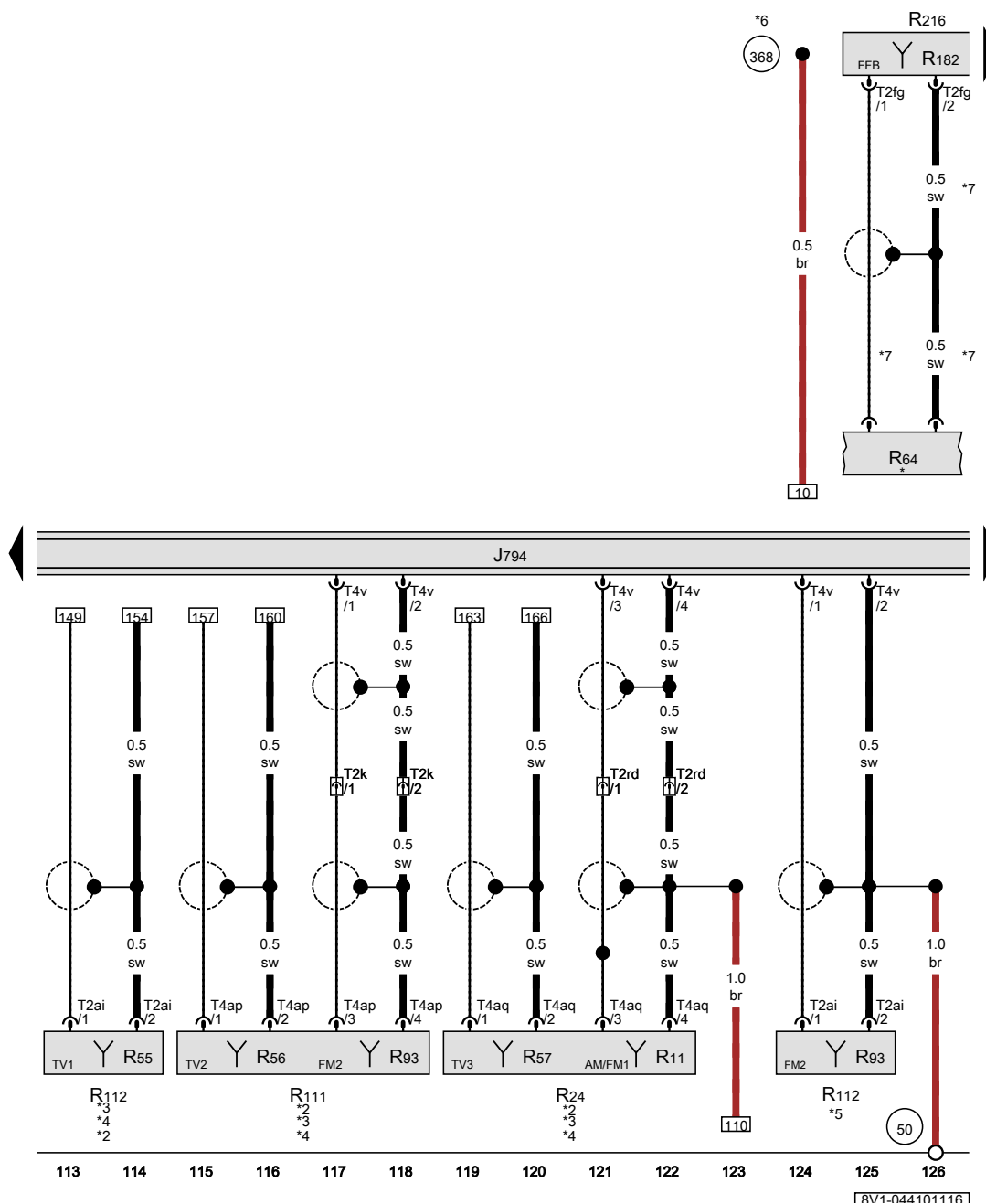
- J794 Control unit 1 for information electronics
- R11 Aerial
- R24 Aerial amplifier
- R55 TV aerial 1
- R56 TV aerial 2
- R57 TV aerial 3
- R64 Remote control receiver for auxiliary heater
- R93 Radio aerial 2
- R111 Aerial amplifier 2
- R112 Aerial amplifier 3
- R182 Auxiliary heater aerial
- R216 Roof aerial
- T2ai 2-pin connector
- T2fg 2-pin connector
- T2k 2-pin connector, Coupling point for rear lid
- T2rd 2-pin connector, Coupling point for rear lid
- T4ap 4-pin connector
- T4aq 4-pin connector
- T4v 4-pin connector

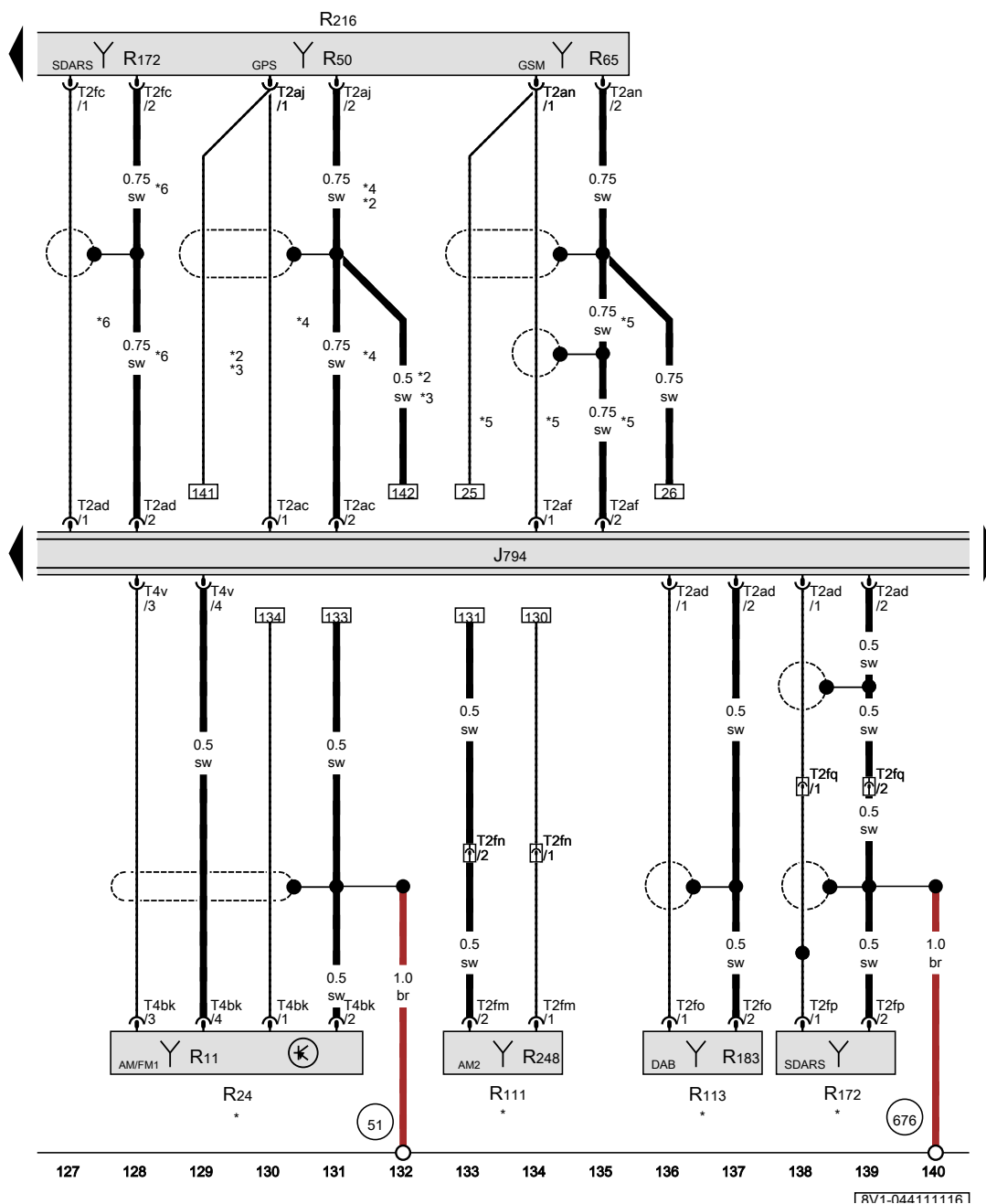
50 Earth point, on left in luggage compartment

368 Earth connection 3, in main wiring harness

- * Only models with auxiliary heating
- *2 Only models with TV tuner
- *3 Only models with 3-doors
- *4 Only models with 5-doors
- *5 Only Cabriolet models
- *6 see applicable current flow diagram for basic equipment
- *7 Only models with no US equipment

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink





Control unit 1 for information electronics, Aerial amplifier, Aerial amplifier 4, Roof aerial

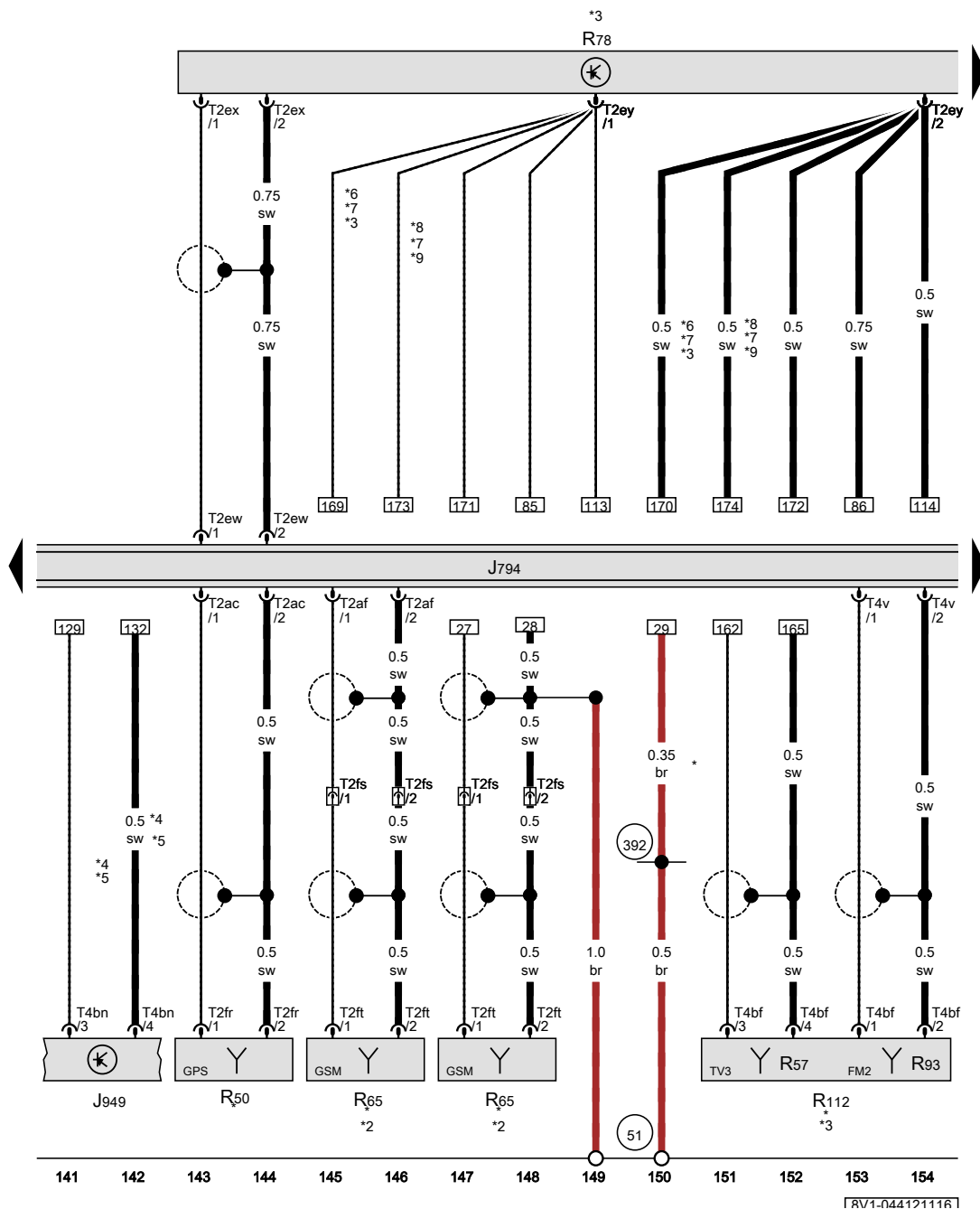
- J794 Control unit 1 for information electronics
- R11 Aerial
- R24 Aerial amplifier
- R50 GPS aerial
- R65 Telephone aerial
- R111 Aerial amplifier 2
- R113 Aerial amplifier 4
- R172 Satellite tuner aerial
- R183 Digital radio aerial
- R216 Roof aerial
- R248 Radio aerial
- T2ac 2-pin connector
- T2ad 2-pin connector
- T2af 2-pin connector
- T2aj 2-pin connector
- T2an 2-pin connector
- T2fc 2-pin connector
- T2fm 2-pin connector
- T2fn 2-pin connector
- T2fo 2-pin connector
- T2fp 2-pin connector
- T2fq 2-pin connector
- T4bk 4-pin connector
- T4v 4-pin connector

51 Earth point, on right in luggage compartment

676 Earth point 2, on left in luggage compartment

- * Only Cabriolet models
- *2 Only models with hybrid drive system
- *3 see applicable current flow diagram for high-voltage system
- *4 Only models with no hybrid drive system
- *5 According to equipment
- *6 Only models with US equipment

ws = white
sw = black
ro = red
rt = red
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bl = blue
gr = grey
li = purple
vi = purple
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or = orange
rs = pink



Control unit 1 for information electronics, GPS aerial, Telephone aerial, Aerial amplifier 3

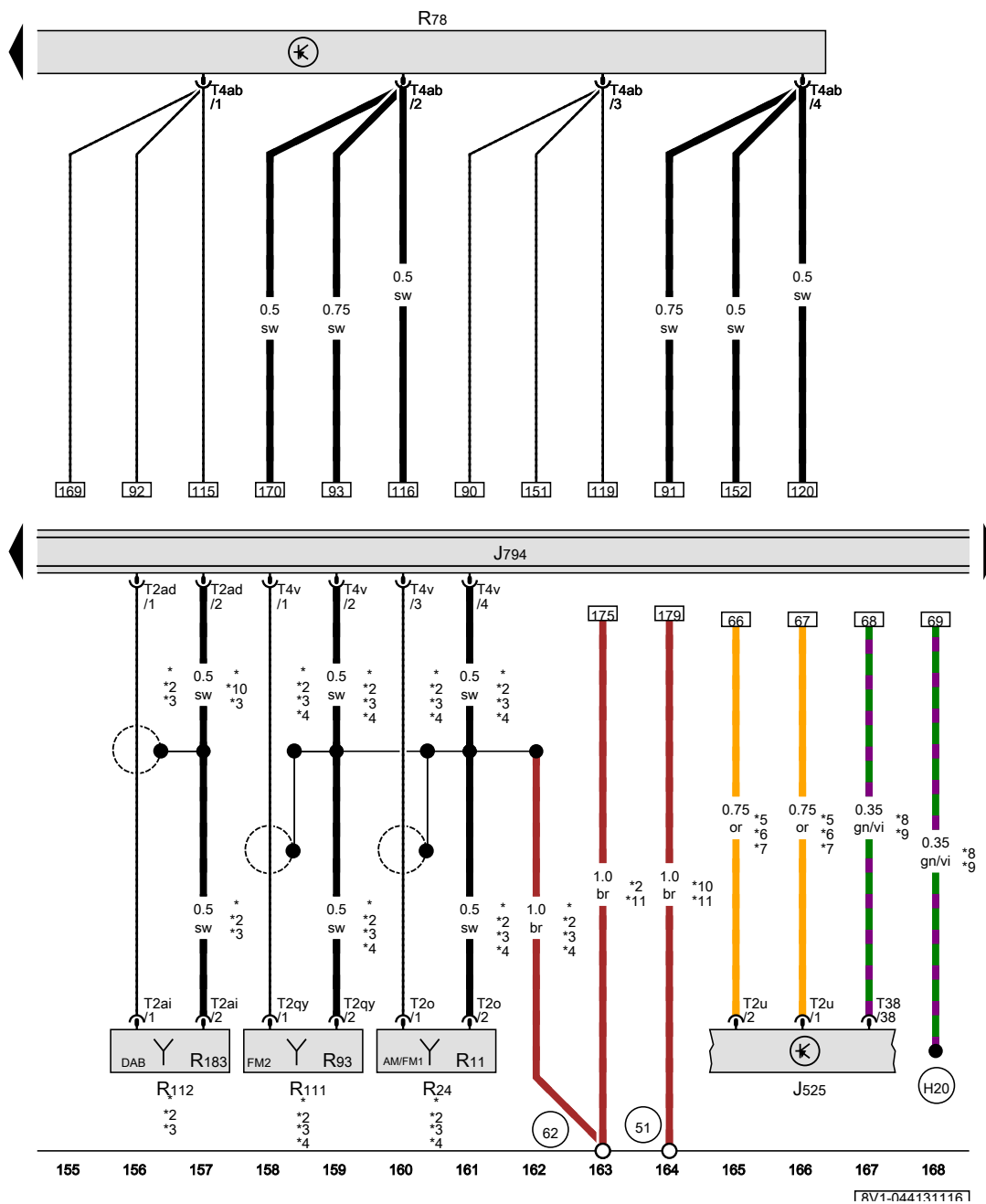
- J794 Control unit 1 for information electronics
- J949 Emergency call module control unit and communication unit
- R50 GPS aerial
- R57 TV aerial 3
- R65 Telephone aerial
- R78 TV tuner
- R93 Radio aerial 2
- R112 Aerial amplifier 3
- T2ac 2-pin connector
- T2af 2-pin connector
- T2ew 2-pin connector
- T2ex 2-pin connector
- T2ey 2-pin connector
- T2fr 2-pin connector
- T2fs 2-pin connector
- T2ft 2-pin connector
- T4bf 4-pin connector
- T4bn 4-pin connector
- T4v 4-pin connector

51 Earth point, on right in luggage compartment

392 Earth connection 27, in main wiring harness

- * Only Cabriolet models
- *2 According to equipment
- *3 Only models with TV tuner
- *4 Only models with hybrid drive system
- *5 see applicable current flow diagram for high-voltage system
- *6 Only models with 5-doors
- *7 Only models with equipment for Korea
- *8 Only models with 4-doors
- *9 Only models with digital radio

Control unit 1 for information electronics



- J525 Digital sound package control unit
- J794 Control unit 1 for information electronics
- R11 Aerial
- R24 Aerial amplifier
- R78 TV tuner
- R93 Radio aerial 2
- R111 Aerial amplifier 2
- R112 Aerial amplifier 3
- R183 Digital radio aerial
- T2ad 2-pin connector
- T2ai 2-pin connector
- T2o 2-pin connector
- T2qy 2-pin connector
- T2u 2-pin connector
- T4ab 4-pin connector
- T4v 4-pin connector
- T38 38-pin connector

51 Earth point, on right in luggage compartment

62 Earth point, right C-pillar

H20 Connection 1, in diagnosis wiring harness

- * Only models with 3-doors
- *2 Only models with 5-doors
- *3 From November 2014
- *4 Only models with no TV receiver
- *5 Fibre optic cable (FOC)
- *6 see applicable current flow diagram for infotainment MOST bus
- *7 Wiring colour depends on equipment
- *8 see applicable current flow diagram for ring circuit break diagnostic
- *9 According to equipment
- *10 Only models with 4-doors
- *11 Only models with equipment for Korea

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

Control unit 1 for information electronics, Aerial amplifier 2 for TV

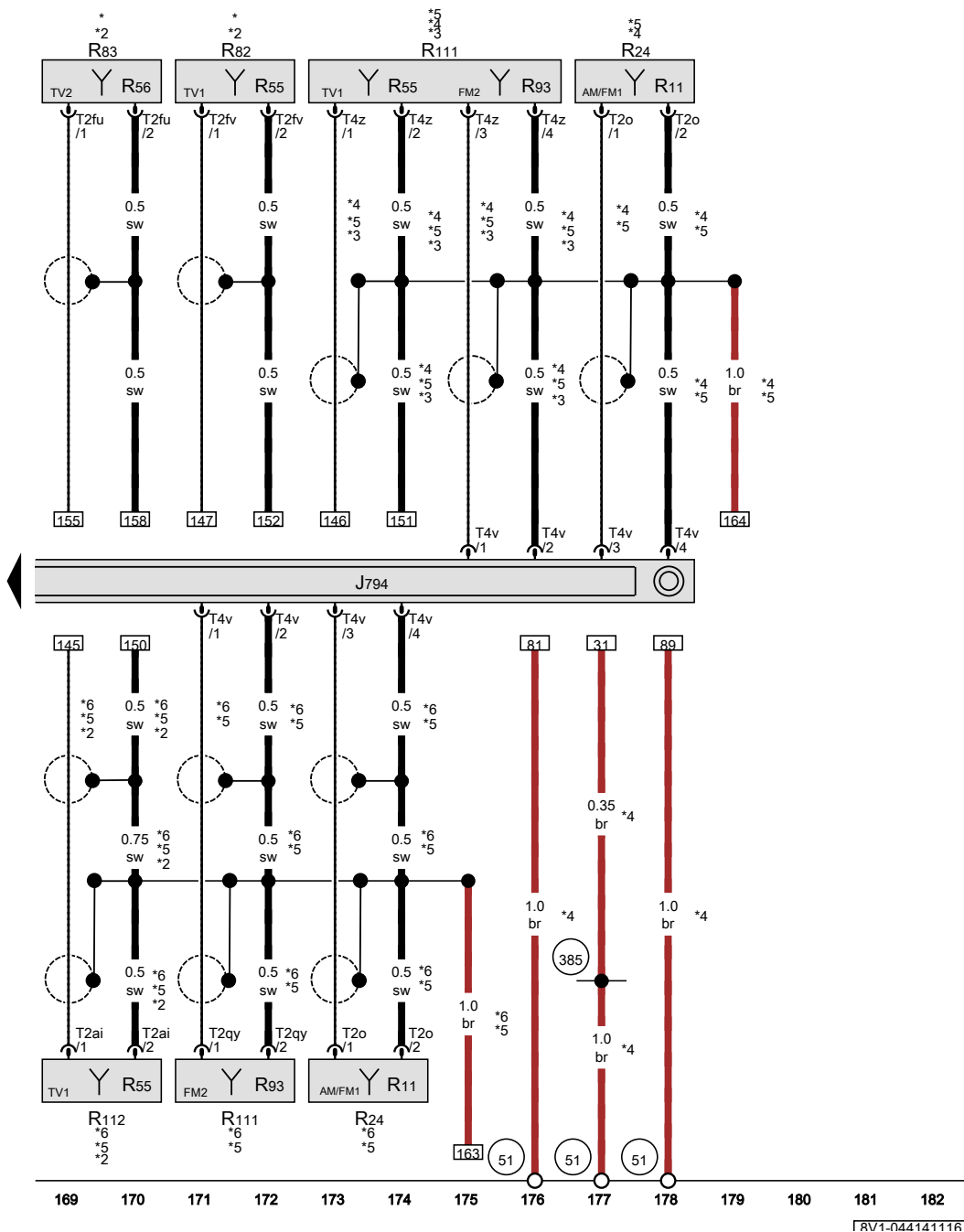
- J794 Control unit 1 for information electronics
- R11 Aerial
- R24 Aerial amplifier
- R55 TV aerial 1
- R56 TV aerial 2
- R82 Aerial amplifier 1 for TV
- R83 Aerial amplifier 2 for TV
- R93 Radio aerial 2
- R111 Aerial amplifier 2
- R112 Aerial amplifier 3
- T2ai 2-pin connector
- T2fu 2-pin connector
- T2fv 2-pin connector
- T2o 2-pin connector
- T2qy 2-pin connector
- T4v 4-pin connector
- T4z 4-pin connector

51 Earth point, on right in luggage compartment

385 Earth connection 20, in main wiring harness

- * Only Cabriolet models
- *2 Only models with TV tuner
- *3 Only models with digital radio
- *4 Only models with 4-doors
- *5 Only models with equipment for Korea
- *6 Only models with 5-doors

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- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

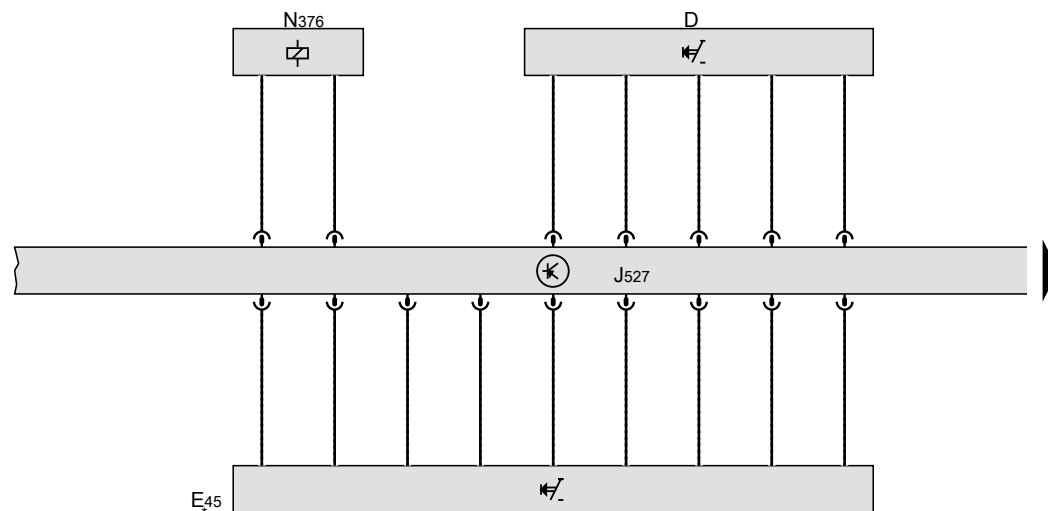


1.2l petrol engine , CJZA,CYVB

From December 2012

Ignition/starter switch, Cruise control system switch,
Steering column electronics control unit

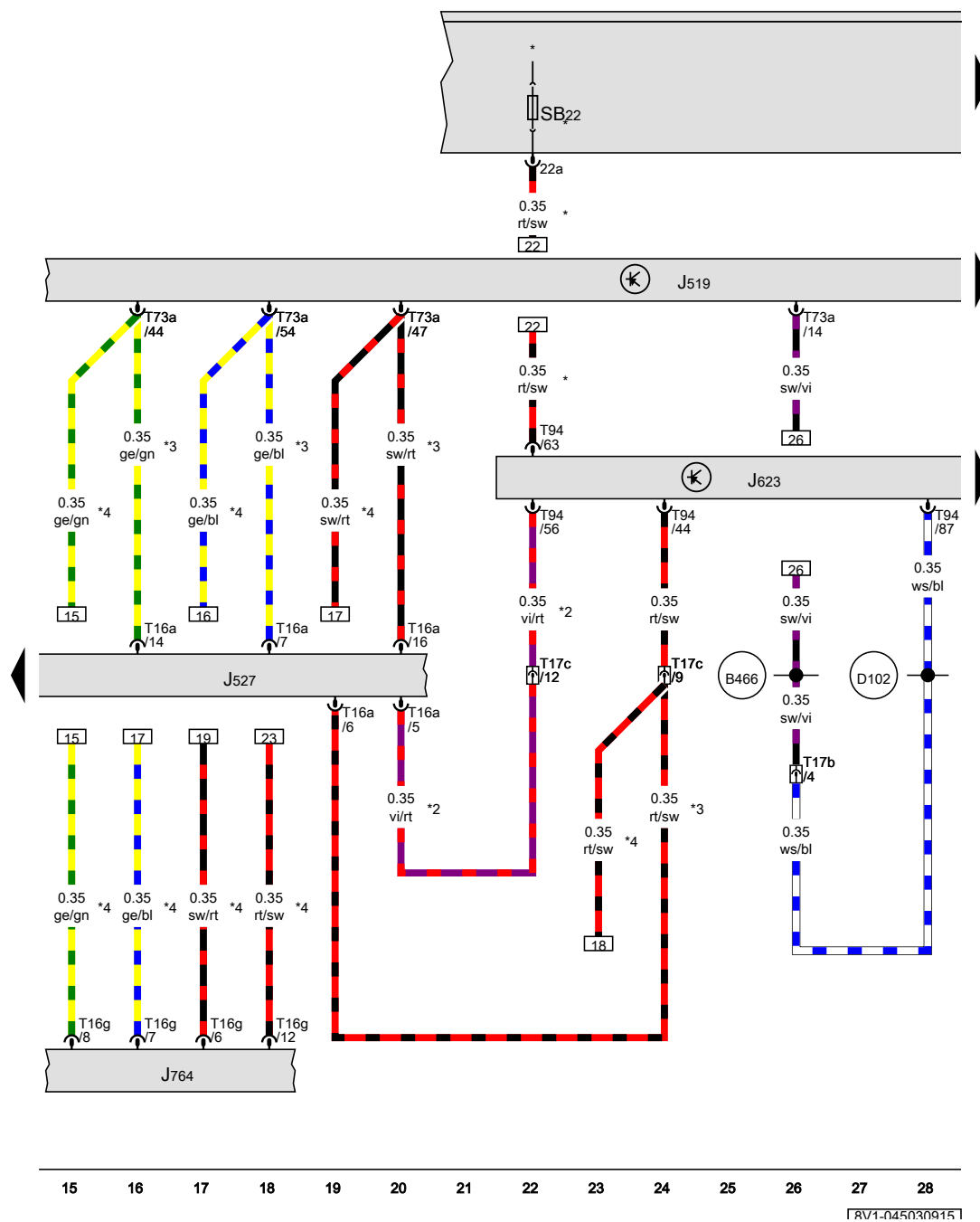
- D Ignition/starter switch
- E45 Cruise control system switch
- J527 Steering column electronics control unit
- N376 Ignition key withdrawal lock solenoid
- T2hm 2-pin connector
- * Only models with cruise control system (CCS)



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ro = red
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gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

1 2 3 4 5 6 7 8 9 10 11 12 13 14

[8V1-045020915]



Onboard supply control unit, Steering column electronics control unit, Engine control unit

- J519 Onboard supply control unit
- J527 Steering column electronics control unit
- J623 Engine control unit
- J764 Control unit for electronic steering column lock
- SB22 Fuse 22 on fuse holder B
- T16a 16-pin connector
- T16g 16-pin connector
- T17b 17-pin connector
- T17c 17-pin connector
- T73a 73-pin connector
- T94 94-pin connector

B466 Connection 2, in main wiring harness

D102 Connection 2 in engine compartment wiring harness

* see applicable current flow diagram for battery in engine compartment

*2 Only models with cruise control system (CCS)

*3 Only models with no entry and start authorisation

*4 Only models with entry and start authorisation

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- gn = green
- bl = blue
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- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Oil level and oil temperature sender, Clutch position sender, Onboard supply control unit, Engine control unit

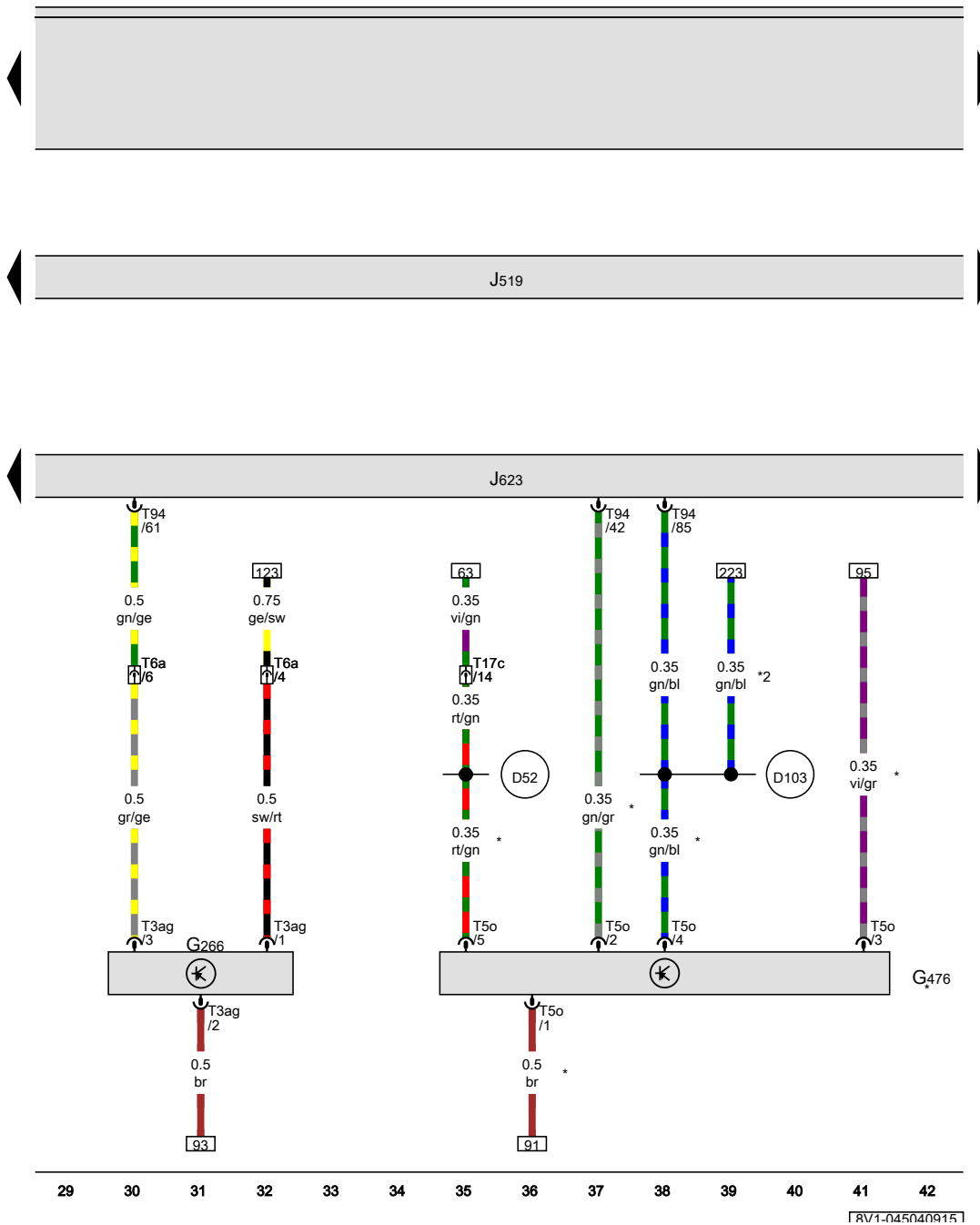
- G266 Oil level and oil temperature sender
- G476 Clutch position sender
- J519 Onboard supply control unit
- J623 Engine control unit
- T3ag 3-pin connector
- T5o 5-pin connector
- T6a 6-pin connector
- T17c 17-pin connector
- T94 94-pin connector

D52 Positive connection (15a), in engine compartment wiring harness

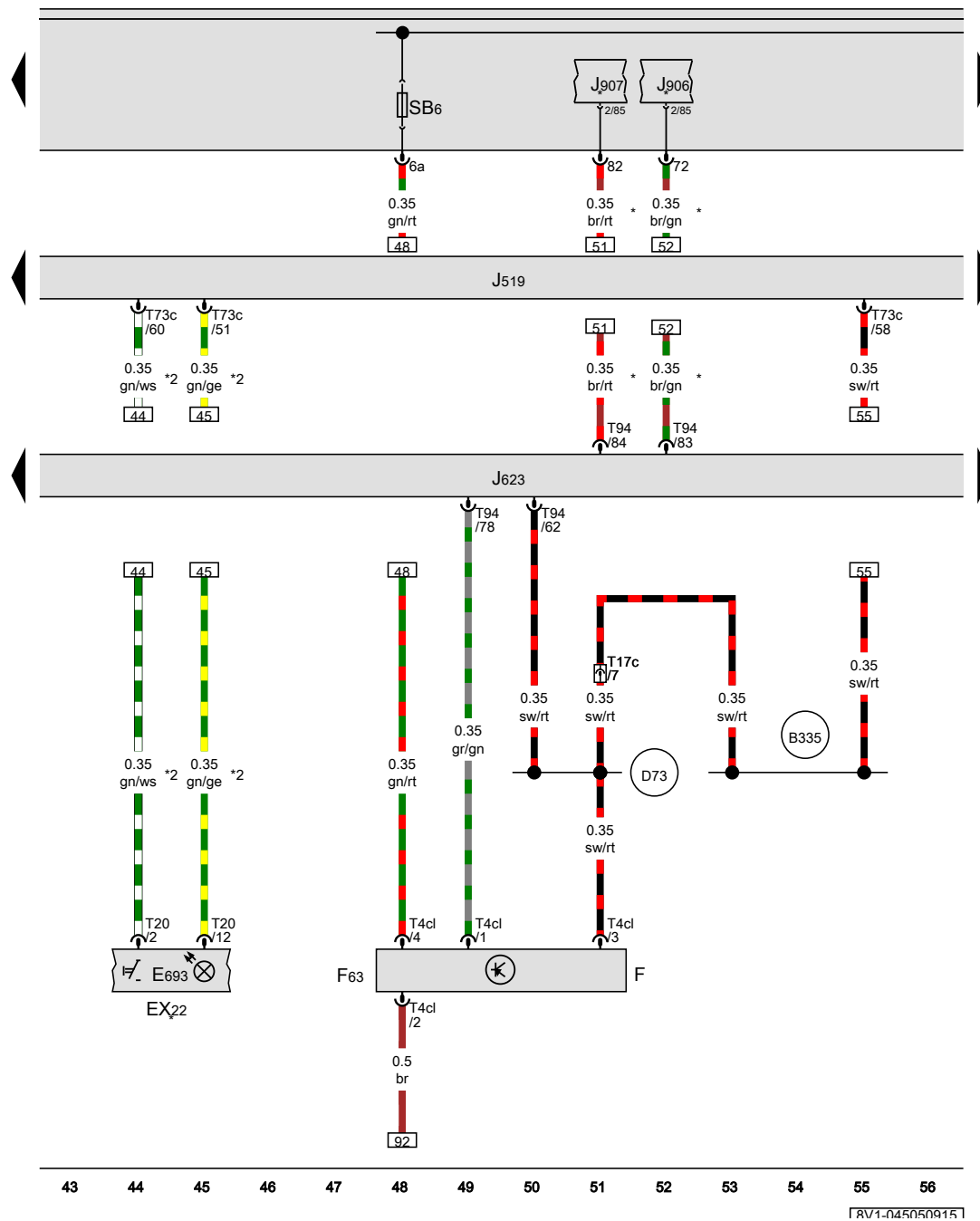
D103 Connection 3 in engine compartment wiring harness

* Only models with manual gearbox

*2 Only models with dual clutch gearbox



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- gr = grey
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- vi = purple
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Centre switch module in dash panel, Brake light switch, Brake pedal switch, Onboard supply control unit, Engine control unit

EX22 Centre switch module in dash panel

E693 Start/Stop operation button

F Brake light switch

F63 Brake pedal switch

J519 Onboard supply control unit

J623 Engine control unit

J906 Starter relay 1

J907 Starter relay 2

SB6 Fuse 6 on fuse holder B

T4cl 4-pin connector

T17c 17-pin connector

T20 20-pin connector

T73c 73-pin connector

T94 94-pin connector

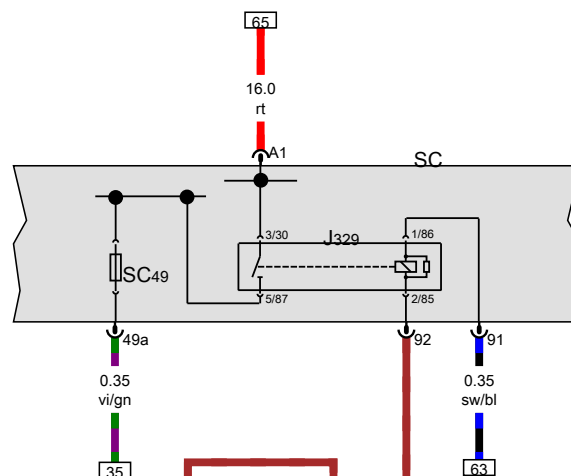
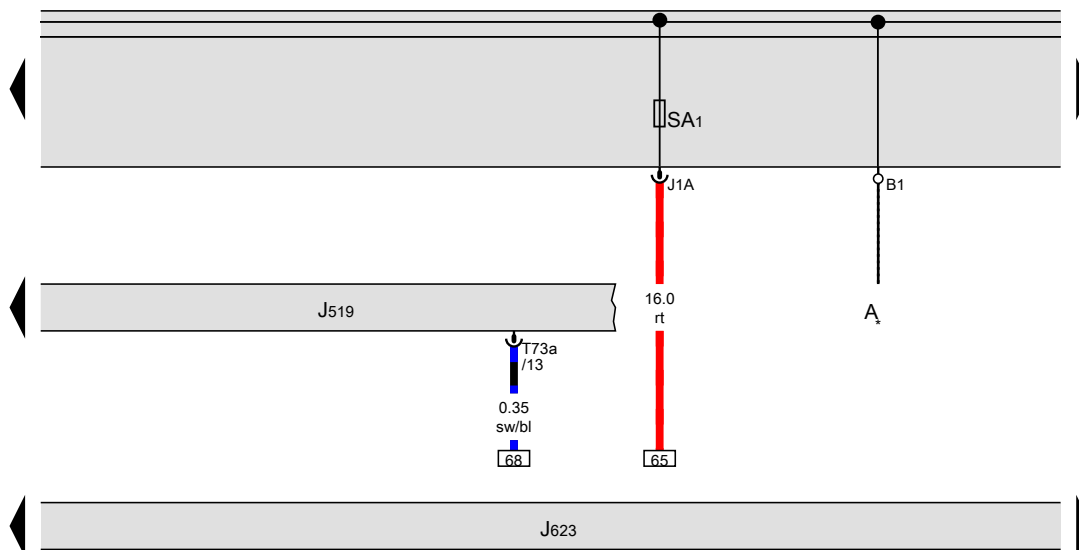
B335 Connection 1 (54), in main wiring harness

D73 Positive connection (54), in engine compartment wiring harness

* see applicable current flow diagram for battery in engine compartment

*2 Only models with start/stop system

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink



Terminal 15 voltage supply relay, Onboard supply control unit, Engine control unit, Fuse holder C

- A Battery
- J329 Terminal 15 voltage supply relay
- J519 Onboard supply control unit
- J623 Engine control unit
- SA1 Fuse 1 in fuse holder A
- SC Fuse holder C
- SC49 Fuse 49 on fuse holder C
- T73a 73-pin connector
- 366 Earth connection 1, in main wiring harness
- 369 Earth connection 4, in main wiring harness
- 639 Earth point, left A-pillar
- 684 Earth point on front of left side member

* see applicable current flow diagram for battery in engine compartment

*2 Only left-hand drive models

*3 Only right-hand drive models

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- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Fuel gauge sender, Fuel system pressurisation pump, Engine control unit

- G Fuel gauge sender
- G6 Fuel system pressurisation pump
- J538 Fuel pump control unit
- J623 Engine control unit
- SB10 Fuse 10 on fuse holder B
- T5c 5-pin connector
- T5d 5-pin connector
- T17c 17-pin connector
- T94 94-pin connector

51 Earth point, on right in luggage compartment

75 Earth point, rear right pillar

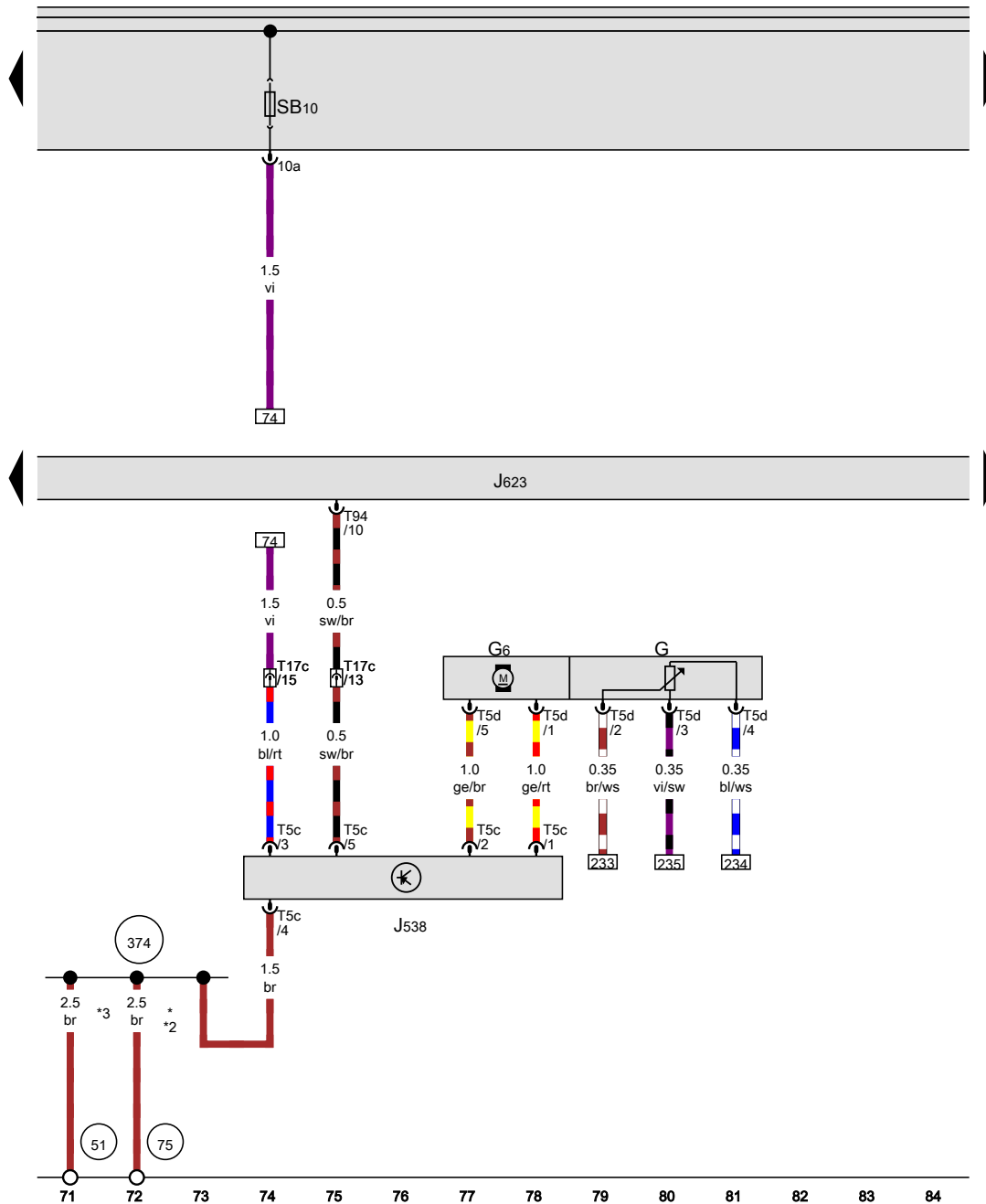
374 Earth connection 9, in main wiring harness

* Only models with 3-doors

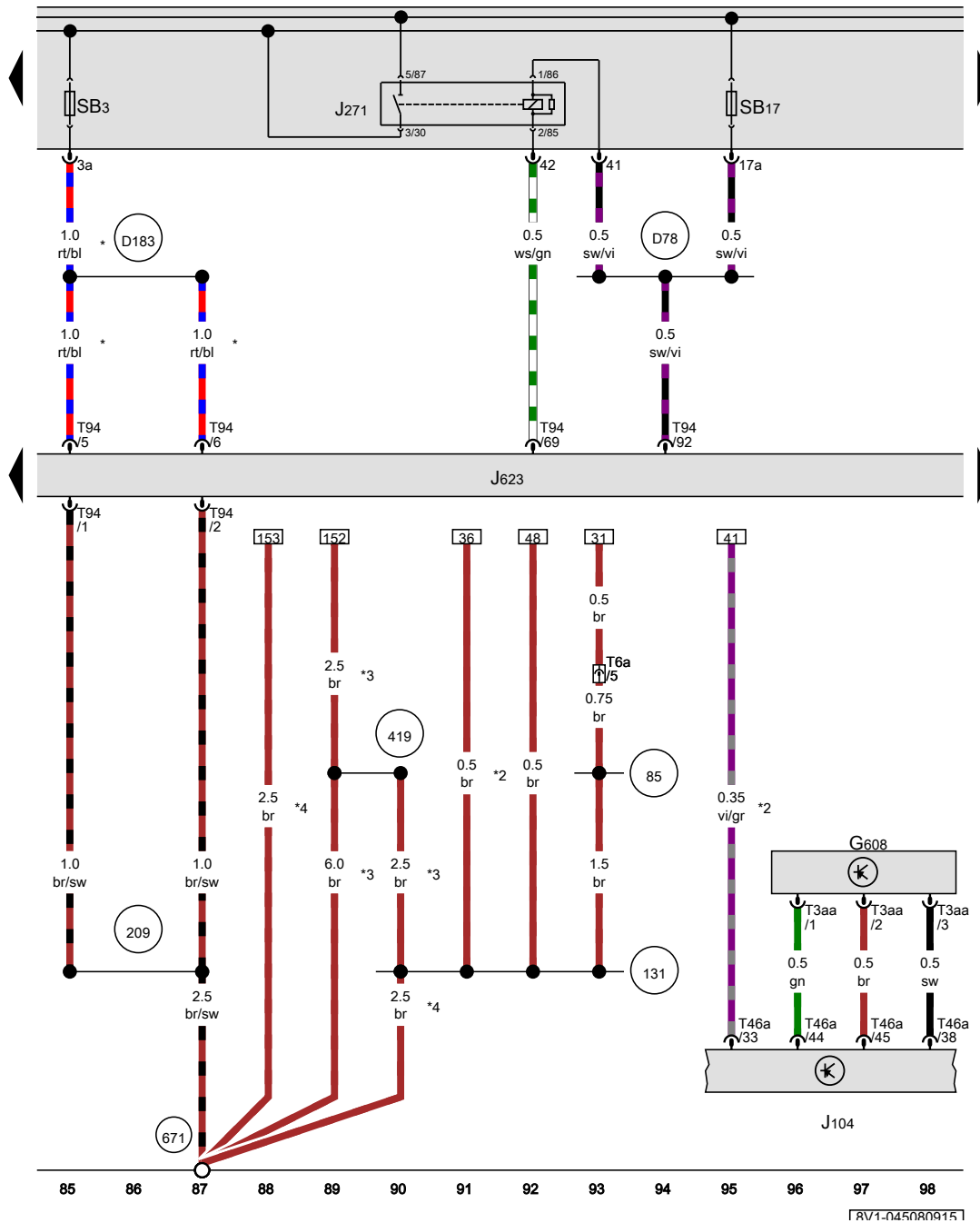
*2 Only models with 5-doors

*3 Only models with 4-doors

ws = white
 sw = black
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 gn = green
 bl = blue
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 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



18V1-045070915



Vacuum sender, Main relay, Engine control unit

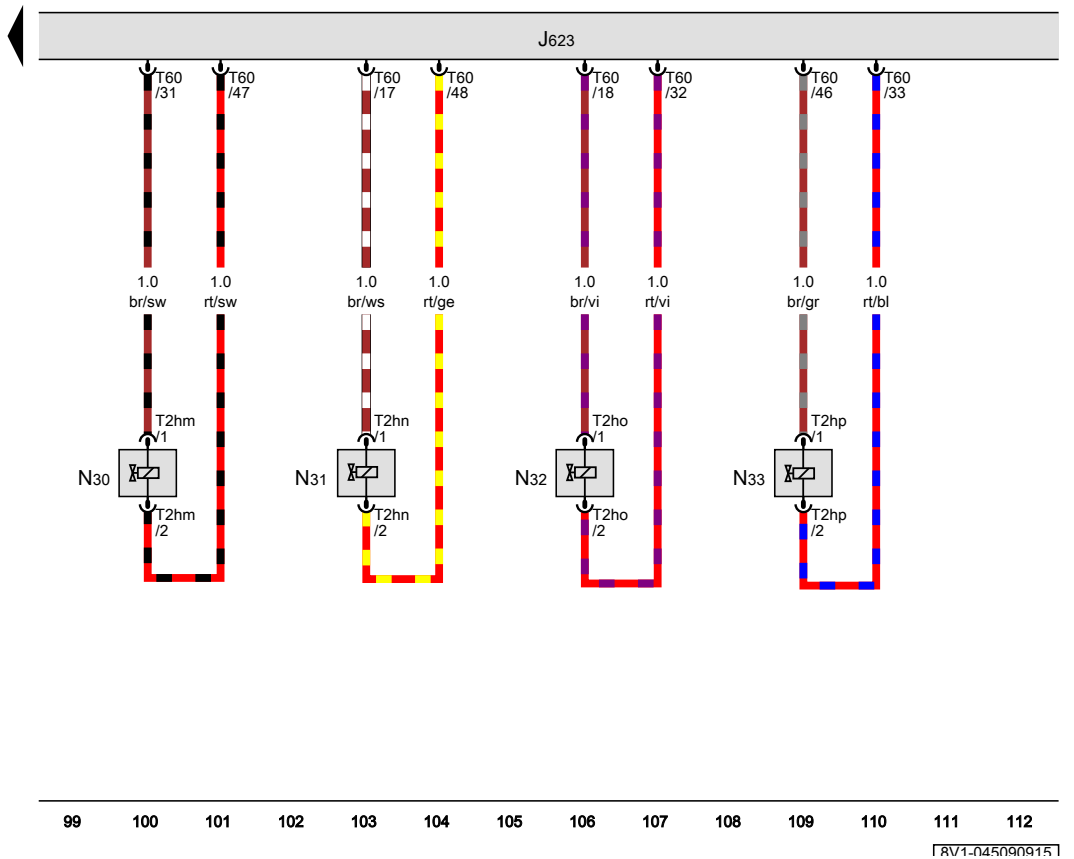
- G608 Vacuum sender
- J104 ABS control unit
- J271 Main relay
- J623 Engine control unit
- SB3 Fuse 3 on fuse holder B
- SB17 Fuse 17 on fuse holder B
- T3aa 3-pin connector
- T6a 6-pin connector
- T46a 46-pin connector
- T94 94-pin connector

- 85 Earth connection 1, in engine compartment wiring harness
- 131 Earth connection 2, in engine compartment wiring harness
- 209 Earth connection 6, in engine compartment wiring harness
- 419 Earth connection 11, in engine compartment wiring harness
- 671 Earth point 1, on front of left longitudinal member
- D78 Positive connection 1 (30a), in engine compartment wiring harness
- D183 Connection 4 (87a) in engine compartment wiring harness
- * Wiring colour depends on equipment
- *2 Only models with manual gearbox
- *3 gradual introduction
- *4 Gradually discontinued

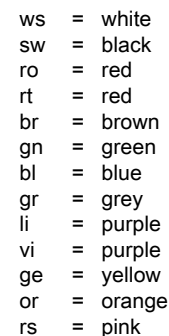
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
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Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

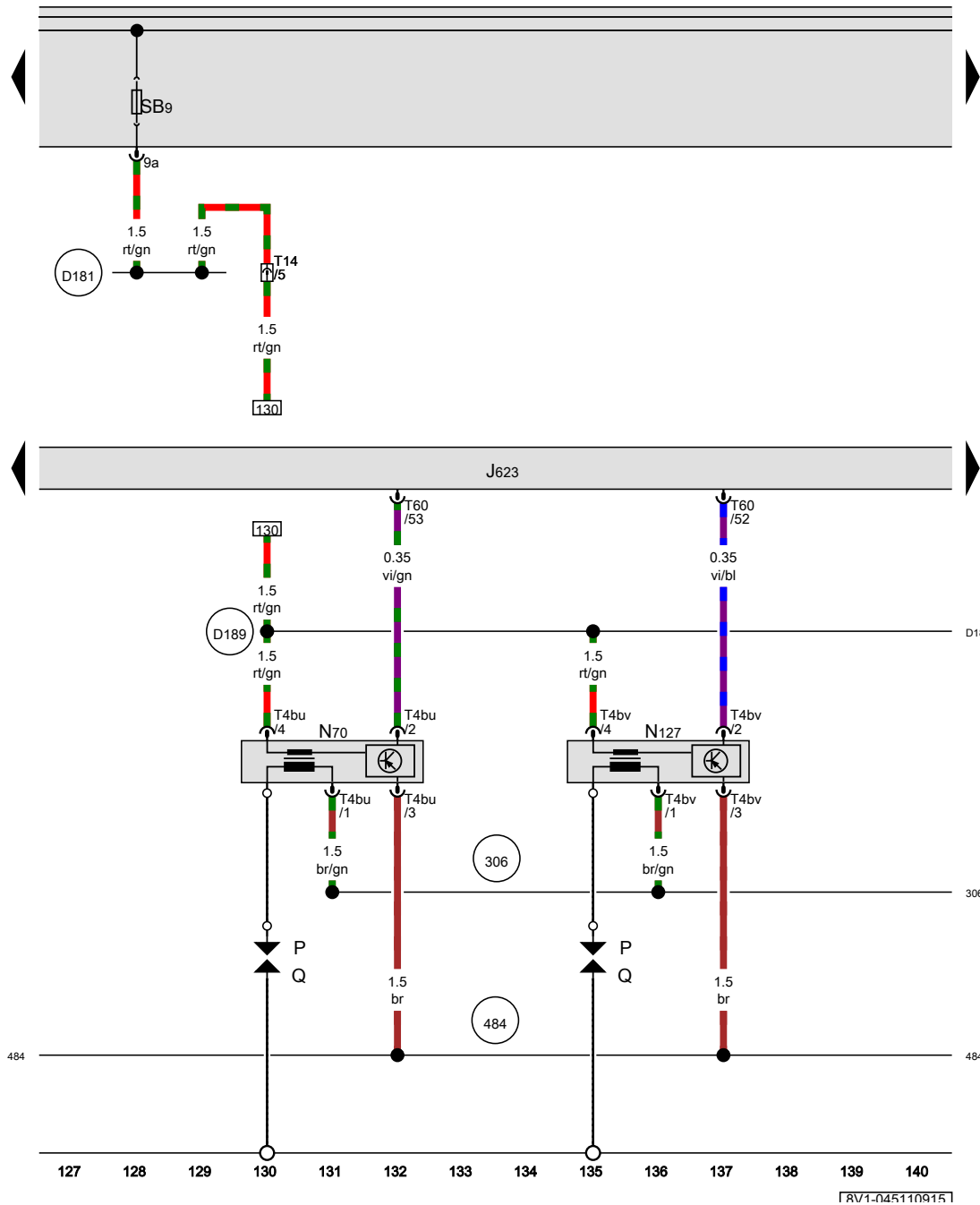
- J623 Engine control unit
- N30 Injector, cylinder 1
- N31 Injector, cylinder 2
- N32 Injector, cylinder 3
- N33 Injector, cylinder 4
- T2hm 2-pin connector
- T2hn 2-pin connector
- T2ho 2-pin connector
- T2hp 2-pin connector
- T60 60-pin connector



- ws = white
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- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
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- rs = pink



J623	Engine control unit
N80	Activated charcoal filter solenoid valve 1
N205	Camshaft control valve 1
N276	Fuel pressure regulating valve
SB4	Fuse 4 on fuse holder B
SB7	Fuse 7 on fuse holder B
T2hq	2-pin connector
T2hr	2-pin connector
T2hw	2-pin connector
T3as	3-pin connector
T4g	4-pin connector
T14	14-pin connector, near front left longitudinal member
T60	60-pin connector
T94	94-pin connector
V51	Continued coolant circulation pump
484	Earth connection 2 (ignition coils), in engine prewiring harness
D180	Connection (87a), in engine compartment wiring harness
D196	Connection 2 (87a) in engine prewiring harness
D197	Connection 5 (87a) in engine compartment wiring harness
D205	Connection 3 (87a) in engine prewiring harness
K21	Connection 1, in radiator fan wiring harness
*	Radiator fan connection
*2	see applicable current flow diagram for radiator fan
*3	Gradually discontinued
*4	gradual introduction



Engine control unit, Ignition coil 1 with output stage, Ignition coil 2 with output stage

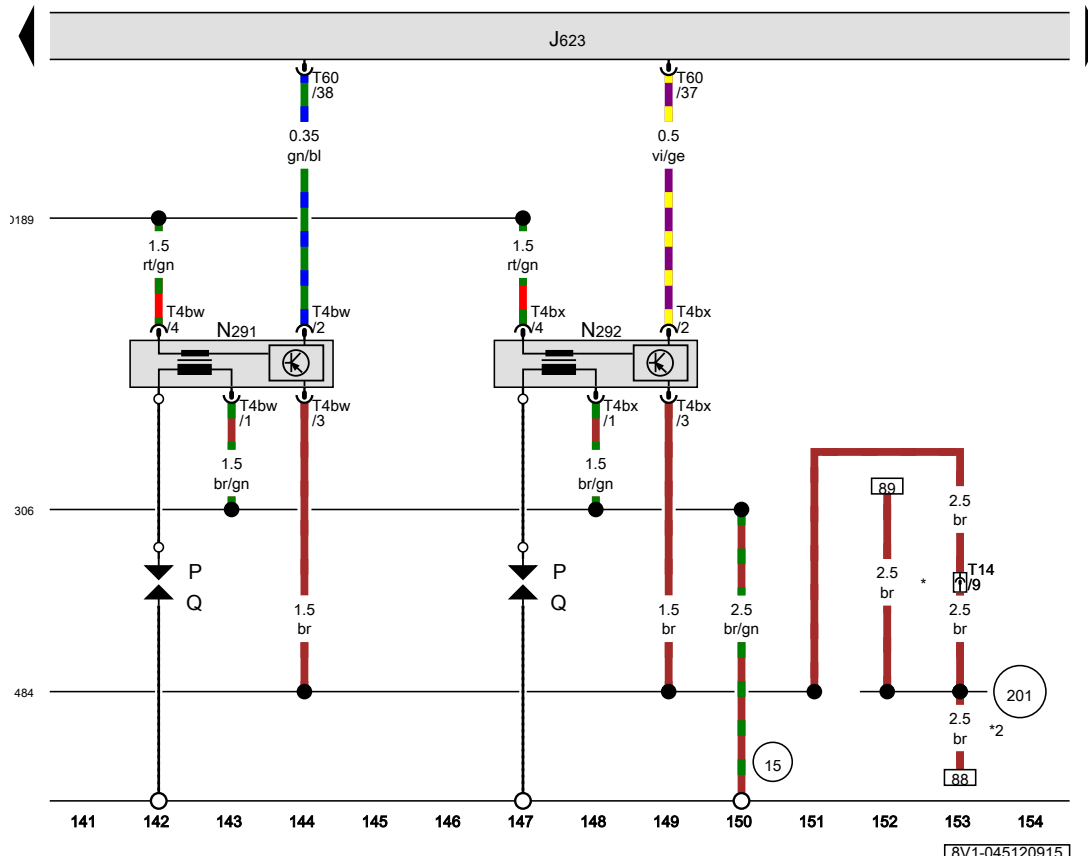
- J623 Engine control unit
- N70 Ignition coil 1 with output stage
- N127 Ignition coil 2 with output stage
- P Spark plug connector
- Q Spark plugs
- SB9 Fuse 9 on fuse holder B
- T4bu 4-pin connector
- T4bv 4-pin connector
- T14 14-pin connector, near front left longitudinal member
- T60 60-pin connector
- 306 Earth connection (ignition coils), in engine prewiring harness
- 484 Earth connection 2 (ignition coils), in engine prewiring harness
- D181 Connection 2 (87a) in engine compartment wiring harness
- D189 Connection (87a) in engine prewiring harness

Engine control unit, Ignition coil 3 with output stage, Ignition coil 4 with output stage

- J623 Engine control unit
- N291 Ignition coil 3 with output stage
- N292 Ignition coil 4 with output stage
- P Spark plug connector
- Q Spark plugs
- T4bw 4-pin connector
- T4bx 4-pin connector
- T14 14-pin connector, near front left longitudinal member
- T60 60-pin connector

- 15 Earth point, on cylinder head
- 201 Earth connection 5, in engine compartment wiring harness
- 306 Earth connection (ignition coils), in engine prewiring harness
- 484 Earth connection 2 (ignition coils), in engine prewiring harness
- D189 Connection (87a) in engine prewiring harness

- * gradual introduction
- *2 Gradually discontinued



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- gr = grey
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- vi = purple
- ge = yellow
- or = orange
- rs = pink

Hall sender, Coolant temperature sender, Accelerator position sender, Accelerator position sender 2, Engine control unit, Charge pressure positioner

- G40 Hall sender
- G62 Coolant temperature sender
- G79 Accelerator position sender
- G185 Accelerator position sender 2
- J623 Engine control unit
- T2ib 2-pin connector
- T3ao 3-pin connector
- T6bk 6-pin connector
- T6k 6-pin connector
- T60 60-pin connector
- T94 94-pin connector
- V465 Charge pressure positioner

281 Earth point 1, engine prewiring harness

458 Earth point 3, engine prewiring harness

D141 Connection (5V) in engine prewiring harness

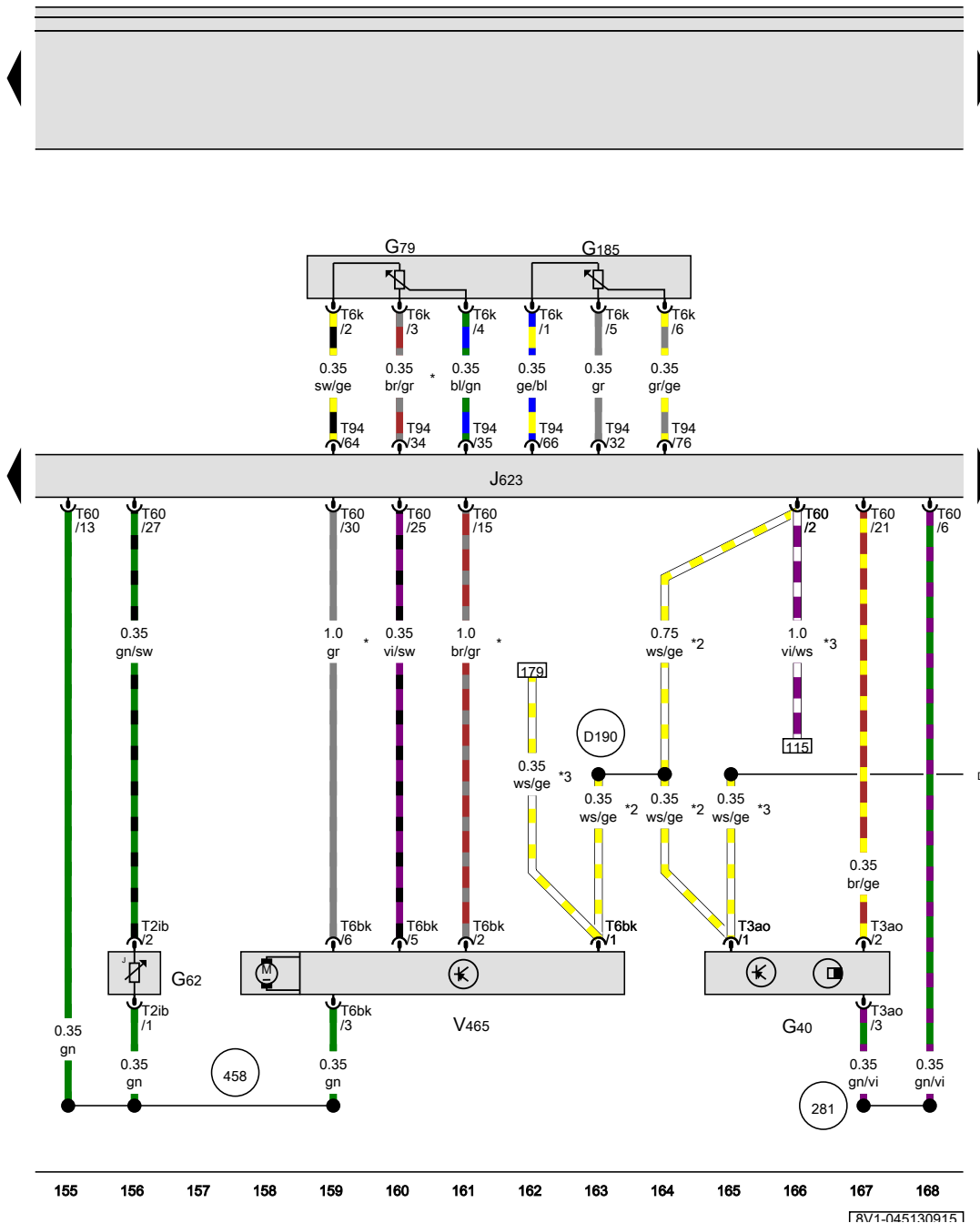
D190 Connection 3 (5V) in engine prewiring harness

* Wiring colour depends on equipment

*2 Gradually discontinued

*3 gradual introduction

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink



18V1-045130915

Engine speed sender, Charge pressure sender, Intake air temperature sender, Intake manifold pressure sender, Fuel pressure sender, Intake air temperature sender 2, Engine control unit

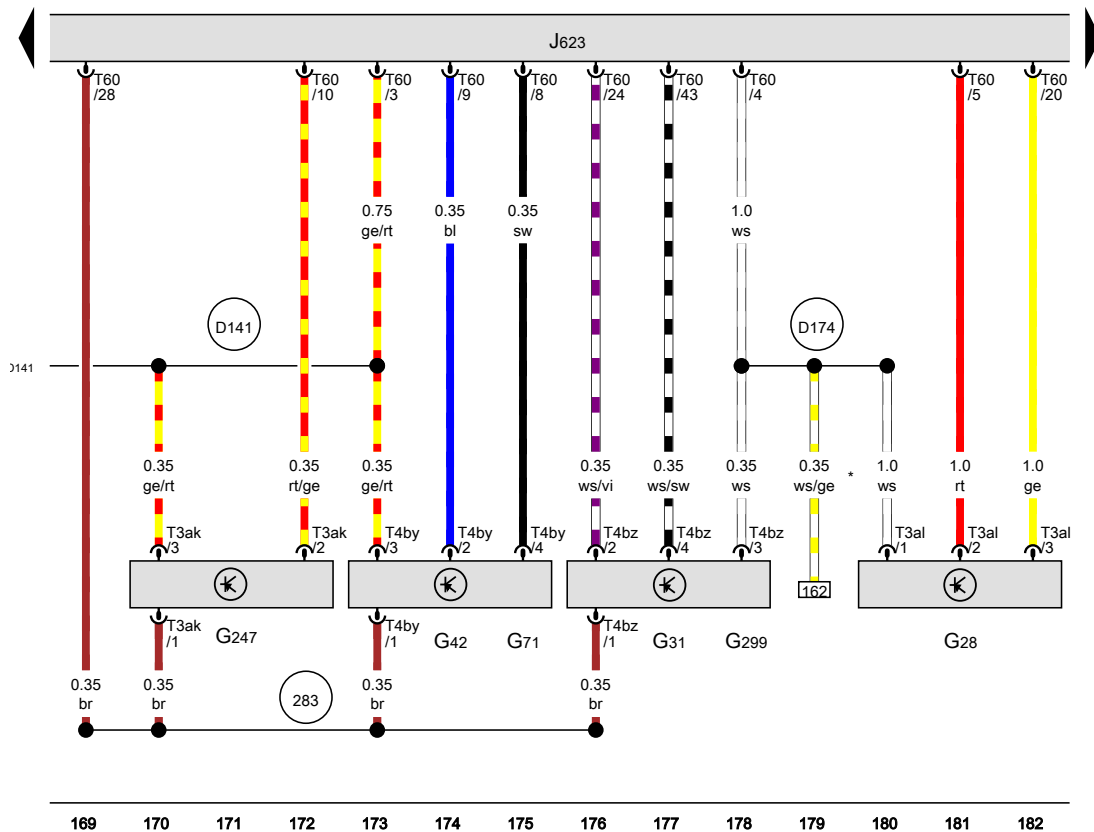
- G28 Engine speed sender
- G31 Charge pressure sender
- G42 Intake air temperature sender
- G71 Intake manifold pressure sender
- G247 Fuel pressure sender
- G299 Intake air temperature sender 2
- J623 Engine control unit
- T3ak 3-pin connector
- T3al 3-pin connector
- T4by 4-pin connector
- T4bz 4-pin connector
- T60 60-pin connector

283 Earth point 2, engine prewiring harness

D141 Connection (5V) in engine prewiring harness

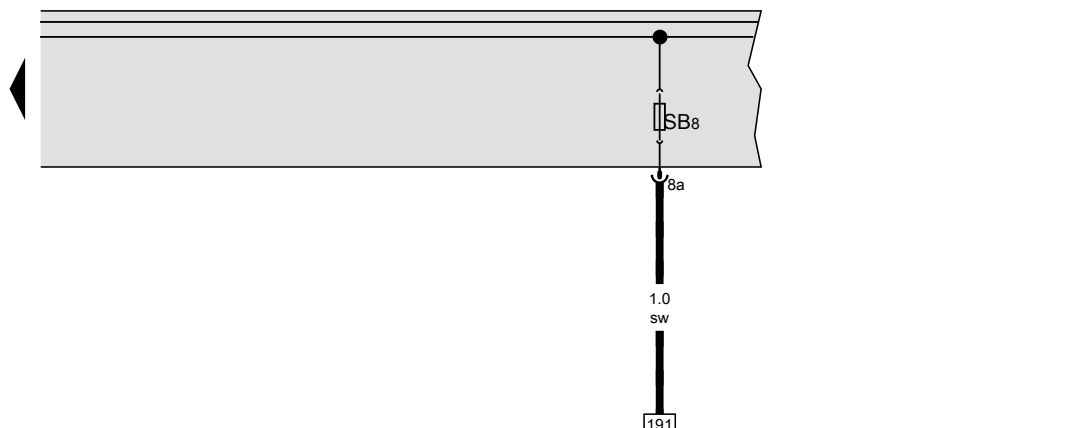
D174 Connection 2 (5V) in engine prewiring harness

* gradual introduction



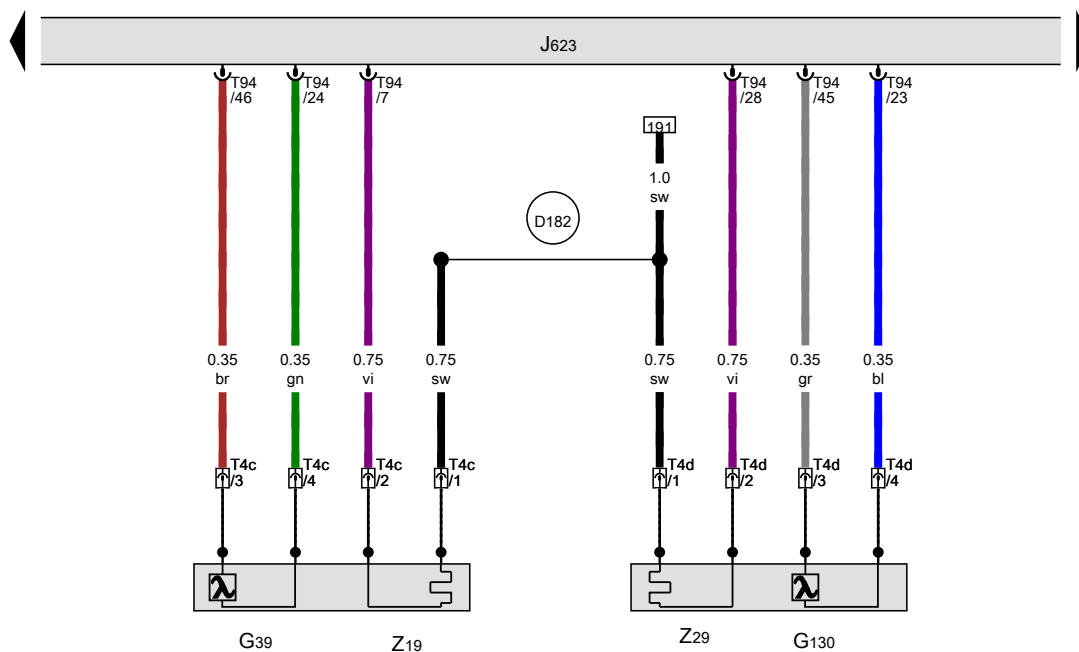
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

18V1-045140915

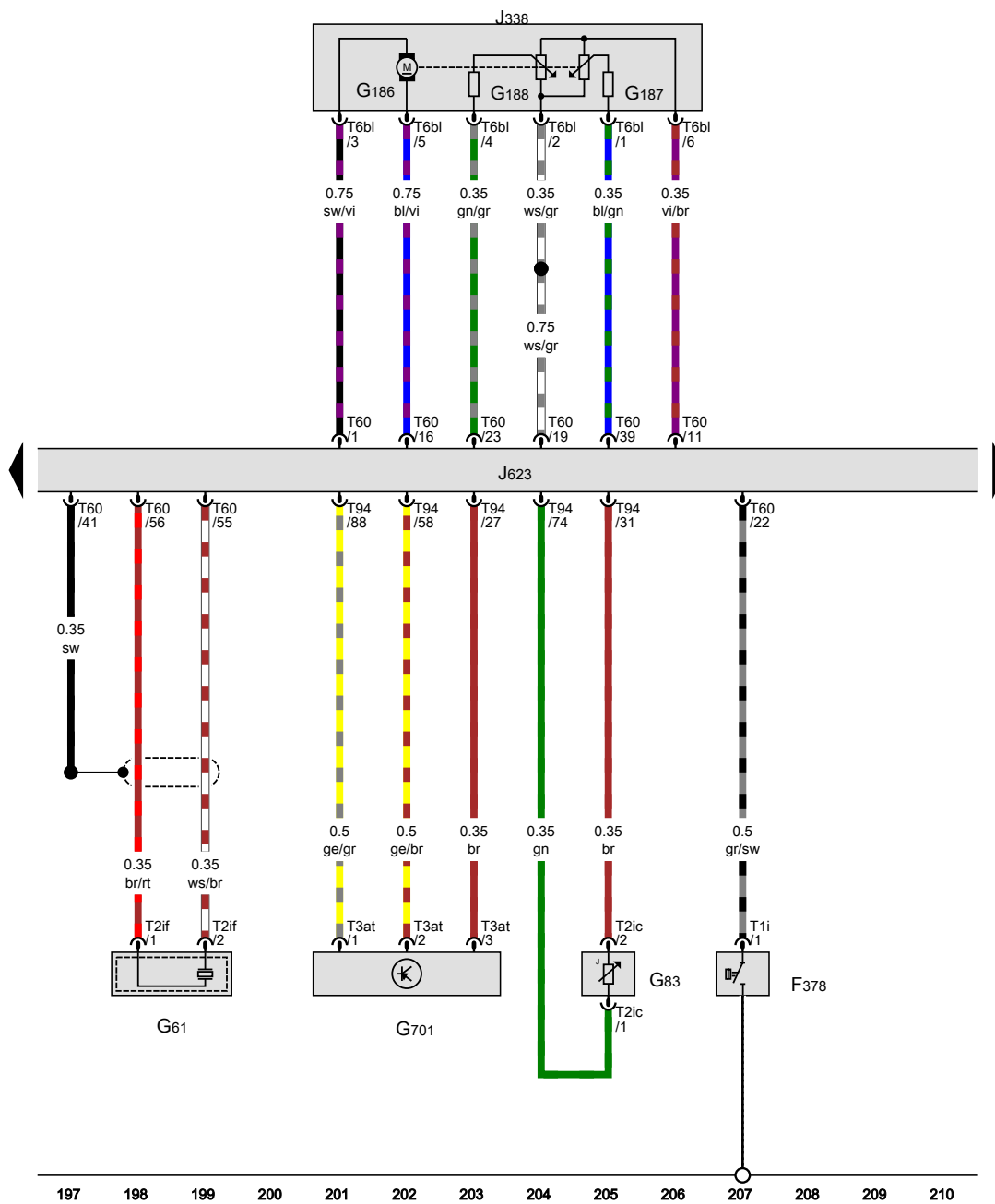


Lambda probe, Lambda probe after catalytic converter, Engine control unit, Lambda probe heater, Lambda probe 1 heater after catalytic converter

- G39 Lambda probe
- G130 Lambda probe after catalytic converter
- J623 Engine control unit
- SB8 Fuse 8 on fuse holder B
- T4c 4-pin connector
- T4d 4-pin connector
- T94 94-pin connector
- Z19 Lambda probe heater
- Z29 Lambda probe 1 heater after catalytic converter
- D182 Connection 3 (87a) in engine compartment wiring harness



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- bl = blue
- gr = grey
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- vi = purple
- ge = yellow
- or = orange
- rs = pink



Oil pressure switch for reduced oil pressure, Knock sensor 1, Radiator outlet coolant temperature sender, Gearbox neutral position sender, Throttle valve module, Engine control unit

- F378 Oil pressure switch for reduced oil pressure
- G61 Knock sensor 1
- G83 Radiator outlet coolant temperature sender
- G186 Throttle valve drive for electric throttle
- G187 Throttle valve drive angle sender 1 for electric throttle
- G188 Throttle valve drive angle sender 2 for electric throttle
- G701 Gearbox neutral position sender
- J338 Throttle valve module
- J623 Engine control unit
- T1i Single connector
- T2ic 2-pin connector
- T2if 2-pin connector
- T3at 3-pin connector
- T6bl 6-pin connector
- T60 60-pin connector
- T94 94-pin connector

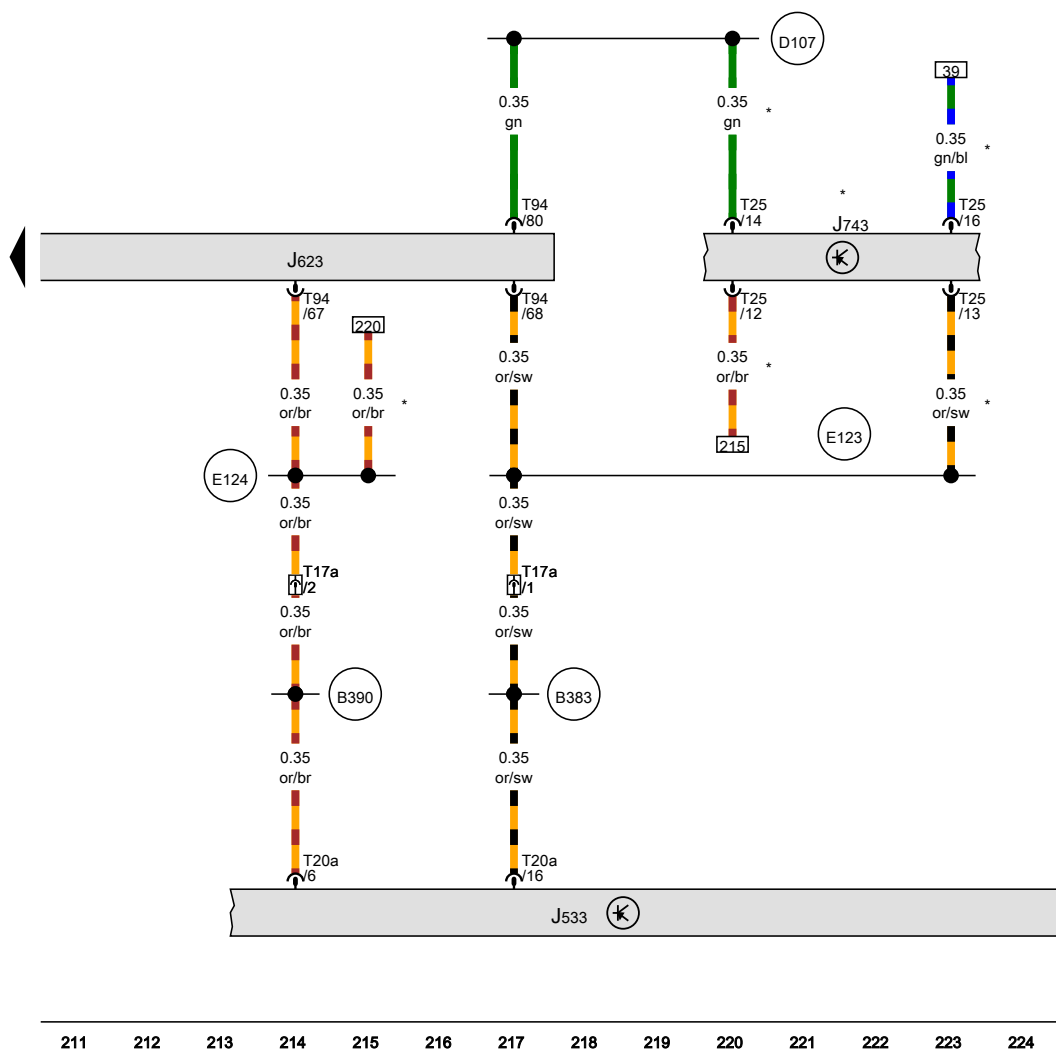
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

1AV1-0451609151

Data bus diagnostic interface, Engine control unit, Mechatronic unit for dual clutch gearbox

- J533 Data bus diagnostic interface
- J623 Engine control unit
- J743 Mechatronic unit for dual clutch gearbox
- T17a 17-pin connector
- T20a 20-pin connector
- T25 25-pin connector
- T94 94-pin connector

- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- D107 Connection 5 in engine compartment wiring harness
- E123 Connection 1 (powertrain CAN bus, high), in engine wiring harness
- E124 Connection 1 (powertrain CAN bus, low), in engine wiring harness
- * Only models with dual clutch gearbox



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 ro = red
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 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

1AV1-0451709151

Control unit in dash panel insert, Data bus diagnostic interface

J285 Control unit in dash panel insert
J533 Data bus diagnostic interface
T18 18-pin connector
T20a 20-pin connector

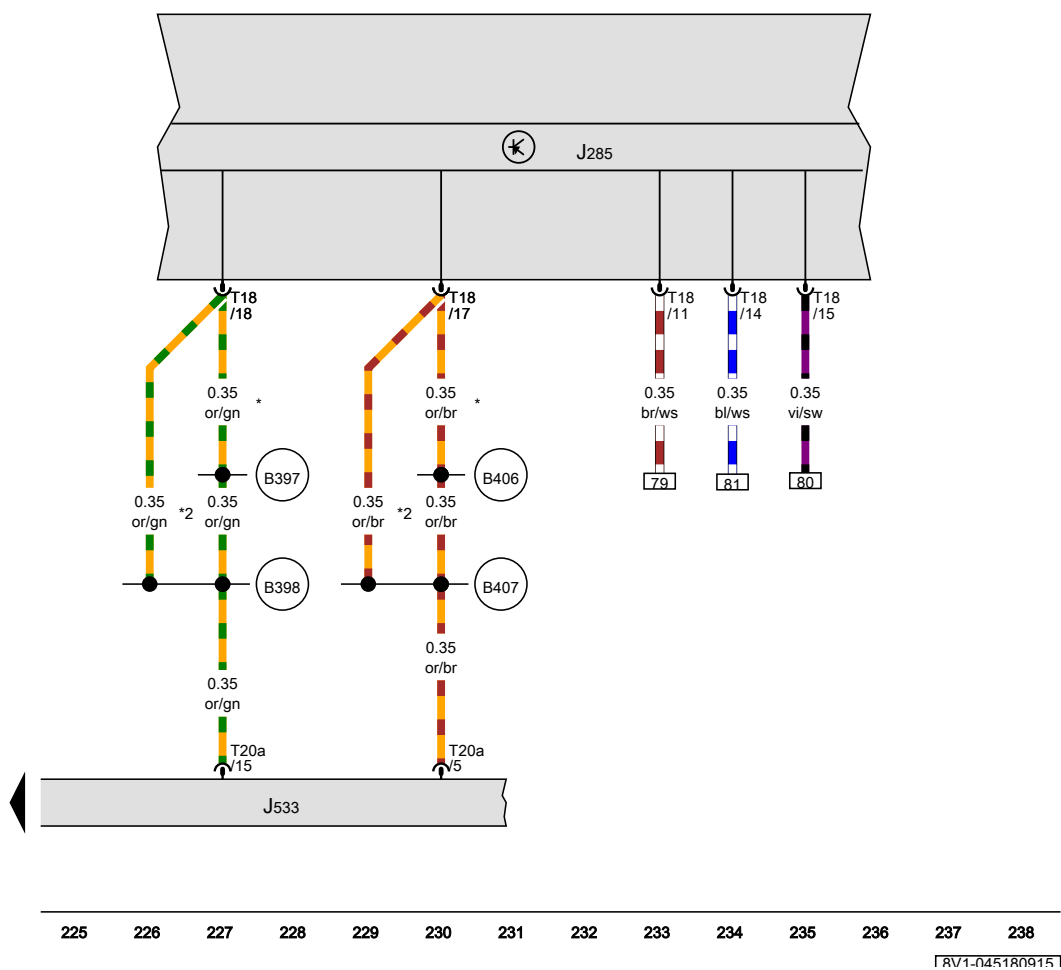
B397 Connection 1 (convenience CAN bus, high), in main wiring harness

B398 Connection 2 (convenience CAN bus, high), in main wiring harness

B406 Connection 1 (convenience CAN bus, low), in main wiring harness

B407 Connection 2 (convenience CAN bus, low), in main wiring harness

* Only left-hand drive models
*2 Only right-hand drive models

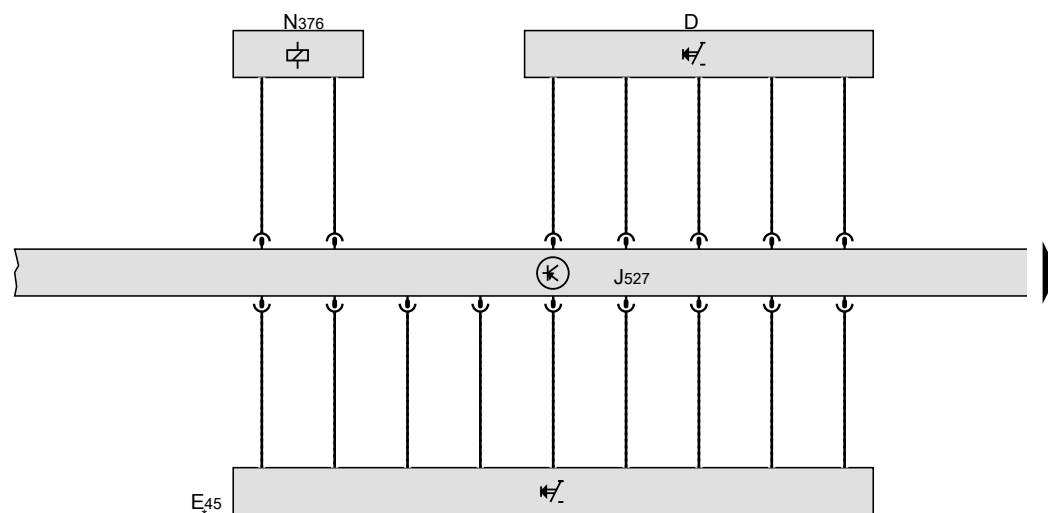


1.4l petrol engine , CPTA,CZEA

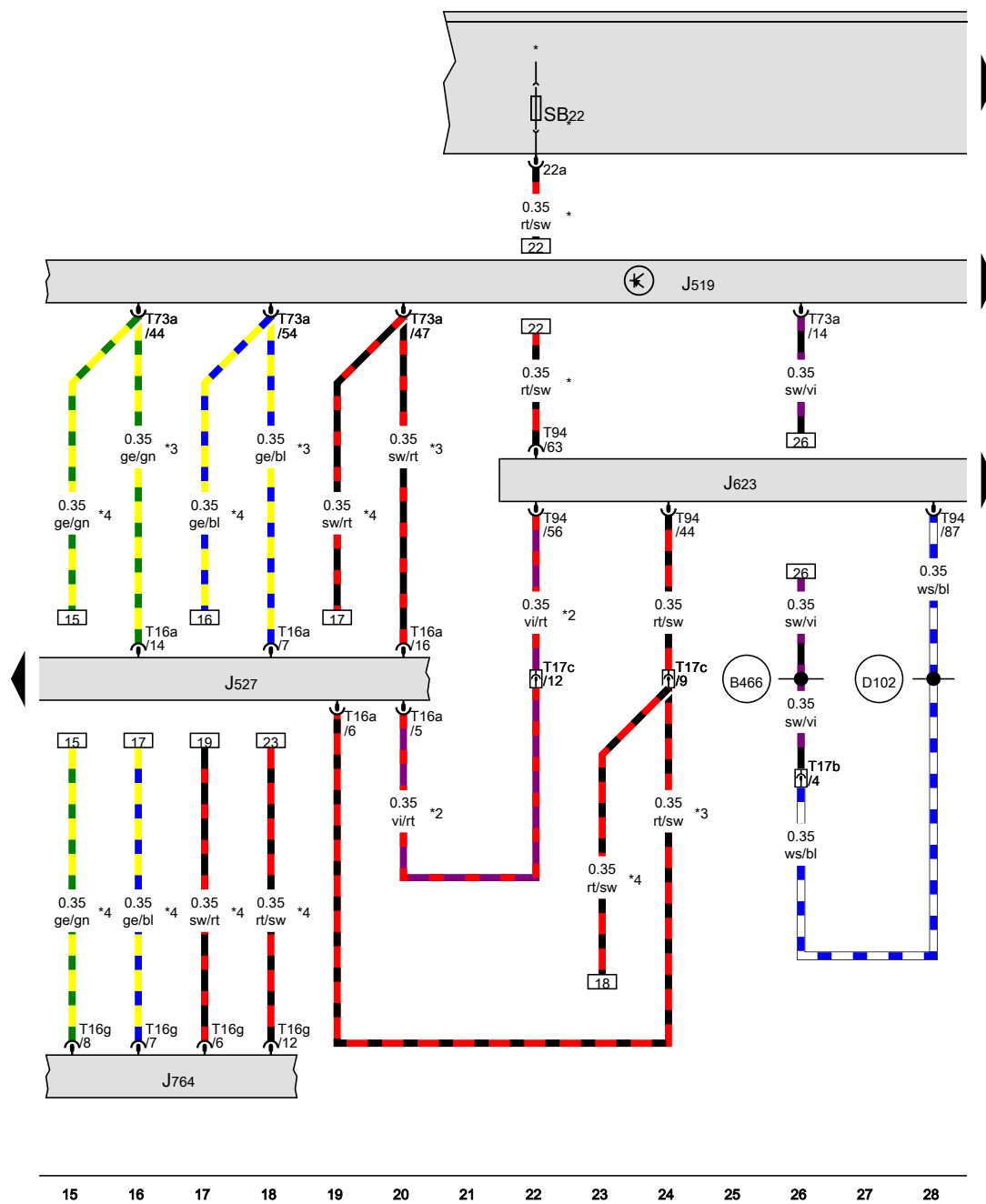
From October 2012

Ignition/starter switch, Cruise control system switch,
Steering column electronics control unit

- D Ignition/starter switch
- E45 Cruise control system switch
- J527 Steering column electronics control unit
- N376 Ignition key withdrawal lock solenoid
- T2hm 2-pin connector
- * Only models with cruise control system (CCS)



- ws = white
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- br = brown
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- or = orange
- rs = pink



Onboard supply control unit, Steering column electronics control unit, Engine control unit

- J519 Onboard supply control unit
- J527 Steering column electronics control unit
- J623 Engine control unit
- J764 Control unit for electronic steering column lock
- SB22 Fuse 22 on fuse holder B
- T16a 16-pin connector
- T16g 16-pin connector
- T17b 17-pin connector
- T17c 17-pin connector
- T73a 73-pin connector
- T94 94-pin connector

B466 Connection 2, in main wiring harness

D102 Connection 2 in engine compartment wiring harness

* see applicable current flow diagram for battery in engine compartment

*2 Only models with cruise control system (CCS)

*3 Only models with no entry and start authorisation

*4 Only models with entry and start authorisation

ws = white
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18V1-0460309151

Oil level and oil temperature sender, Clutch position sender, Onboard supply control unit, Engine control unit

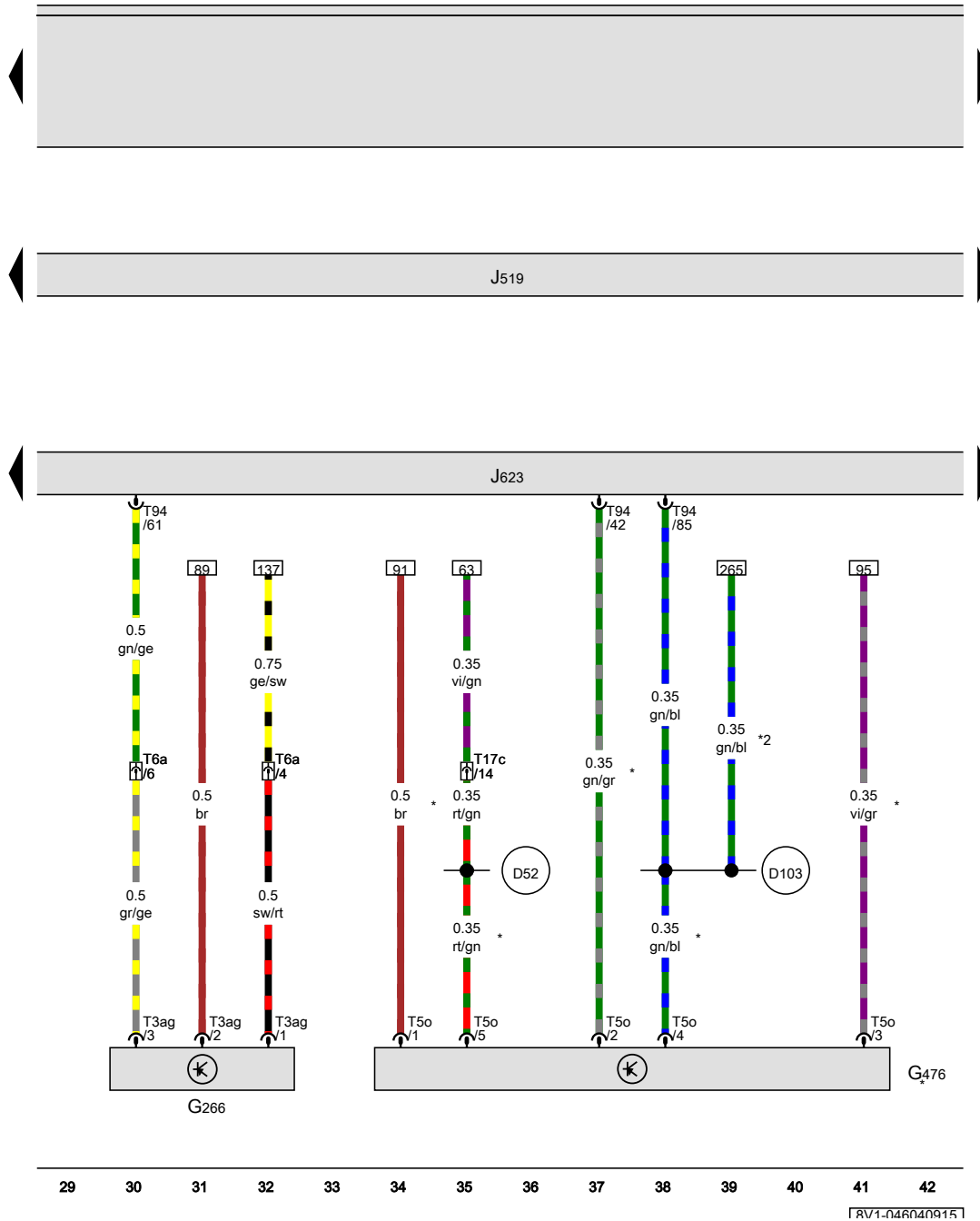
- G266 Oil level and oil temperature sender
- G476 Clutch position sender
- J519 Onboard supply control unit
- J623 Engine control unit
- T3ag 3-pin connector, black
- T5o 5-pin connector, black
- T6a 6-pin connector, black
- T17c 17-pin connector
- T94 94-pin connector

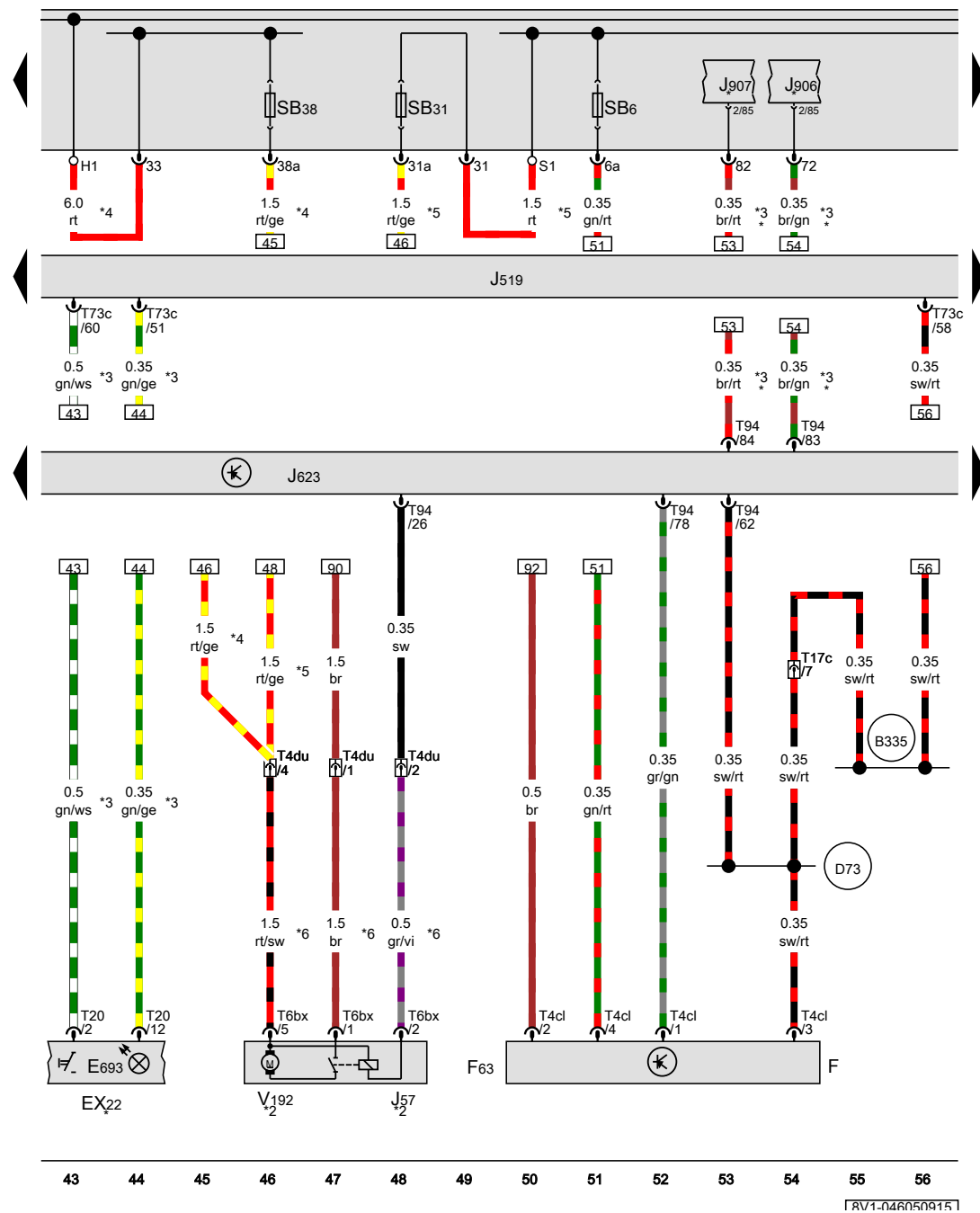
D52 Positive connection (15a), in engine compartment wiring harness

D103 Connection 3 in engine compartment wiring harness

* Only models with manual gearbox

*2 Only models with dual clutch gearbox





Centre switch module in dash panel, Brake light switch, Brake pedal switch, Onboard supply control unit, Engine control unit

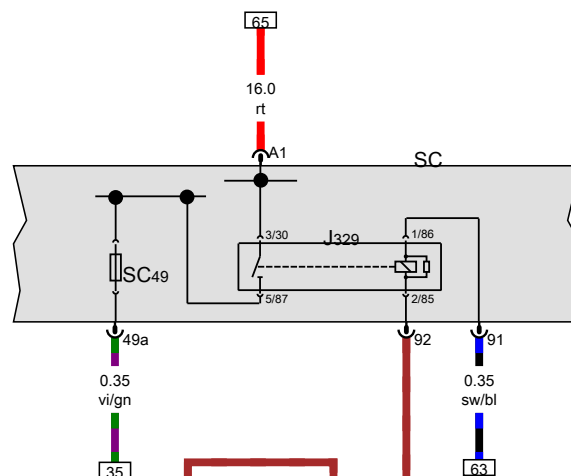
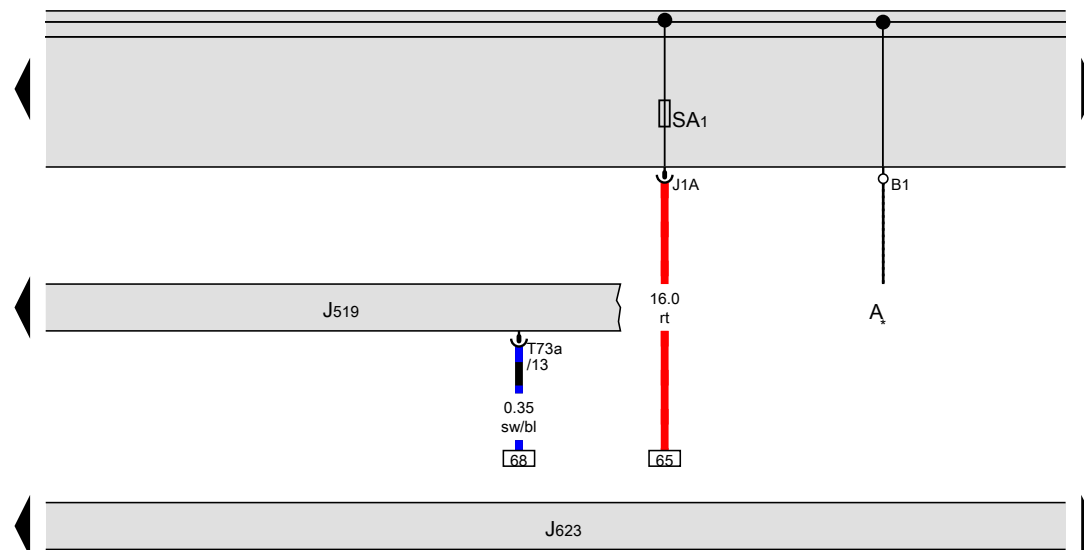
- EX22 Centre switch module in dash panel
- E693 Start/Stop operation button
- F Brake light switch
- F63 Brake pedal switch
- J57 Vacuum pump relay
- J519 Onboard supply control unit
- J623 Engine control unit
- J906 Starter relay 1
- J907 Starter relay 2
- SB6 Fuse 6 on fuse holder B
- SB31 Fuse 31 on fuse holder B
- SB38 Fuse 38 on fuse holder B
- T4cl 4-pin connector, black
- T4du 4-pin connector, black
- T6bx 6-pin connector, black
- T17c 17-pin connector
- T20 20-pin connector
- T73c 73-pin connector
- T94 94-pin connector
- V192 Vacuum pump for brakes

B335 Connection 1 (54), in main wiring harness

D73 Positive connection (54), in engine compartment wiring harness

- * see applicable current flow diagram for battery in engine compartment
- *2 Only models with equipment for Japan
- *3 Only models with start/stop system
- *4 Up to April 2013
- *5 From May 2013
- *6 Wiring colour depends on equipment

- ws = white
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- bl = blue
- gr = grey
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Terminal 15 voltage supply relay, Onboard supply control unit, Engine control unit, Fuse holder C

- A Battery
- J329 Terminal 15 voltage supply relay
- J519 Onboard supply control unit
- J623 Engine control unit
- SA1 Fuse 1 in fuse holder A
- SC Fuse holder C
- SC49 Fuse 49 on fuse holder C
- T73a 73-pin connector
- 366 Earth connection 1, in main wiring harness
- 369 Earth connection 4, in main wiring harness
- 639 Earth point, left A-pillar
- 684 Earth point on front of left side member

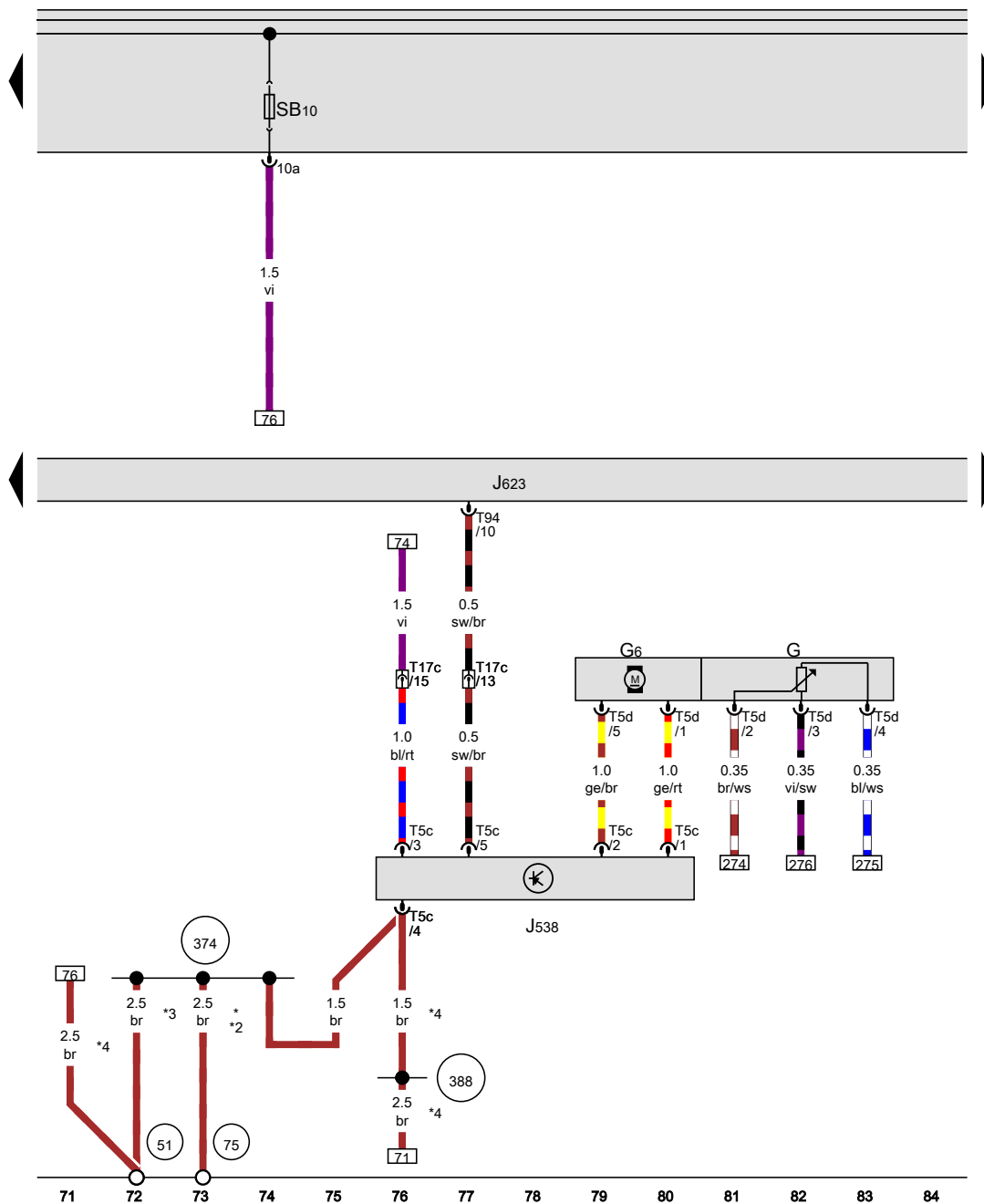
* see applicable current flow diagram for battery in engine compartment

*2 Only left-hand drive models

*3 Only right-hand drive models

57 58 59 60 61 62 63 64 65 66 67 68 69 70

18V1-046060915



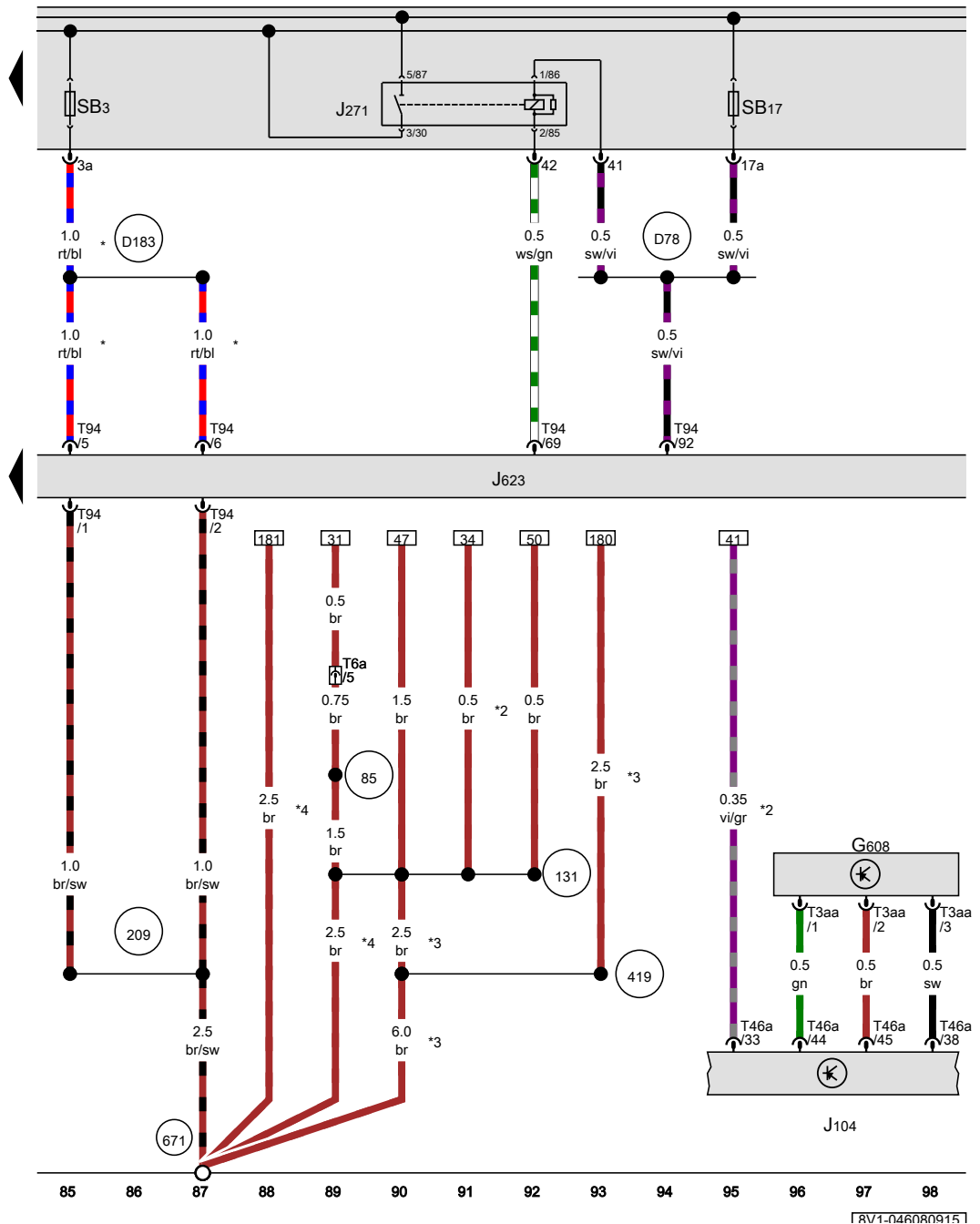
Fuel gauge sender, Fuel system pressurisation pump, Engine control unit

- G Fuel gauge sender
- G6 Fuel system pressurisation pump
- J538 Fuel pump control unit
- J623 Engine control unit
- SB10 Fuse 10 on fuse holder B
- T5c 5-pin connector
- T5d 5-pin connector
- T17c 17-pin connector
- T94 94-pin connector

- 51 Earth point, on right in luggage compartment
- 75 Earth point, rear right pillar
- 374 Earth connection 9, in main wiring harness
- 388 Earth connection 23, in main wiring harness

- * Only models with 3-doors
- *2 Only models with 5-doors
- *3 Only models with 4-doors
- *4 Only Cabriolet models

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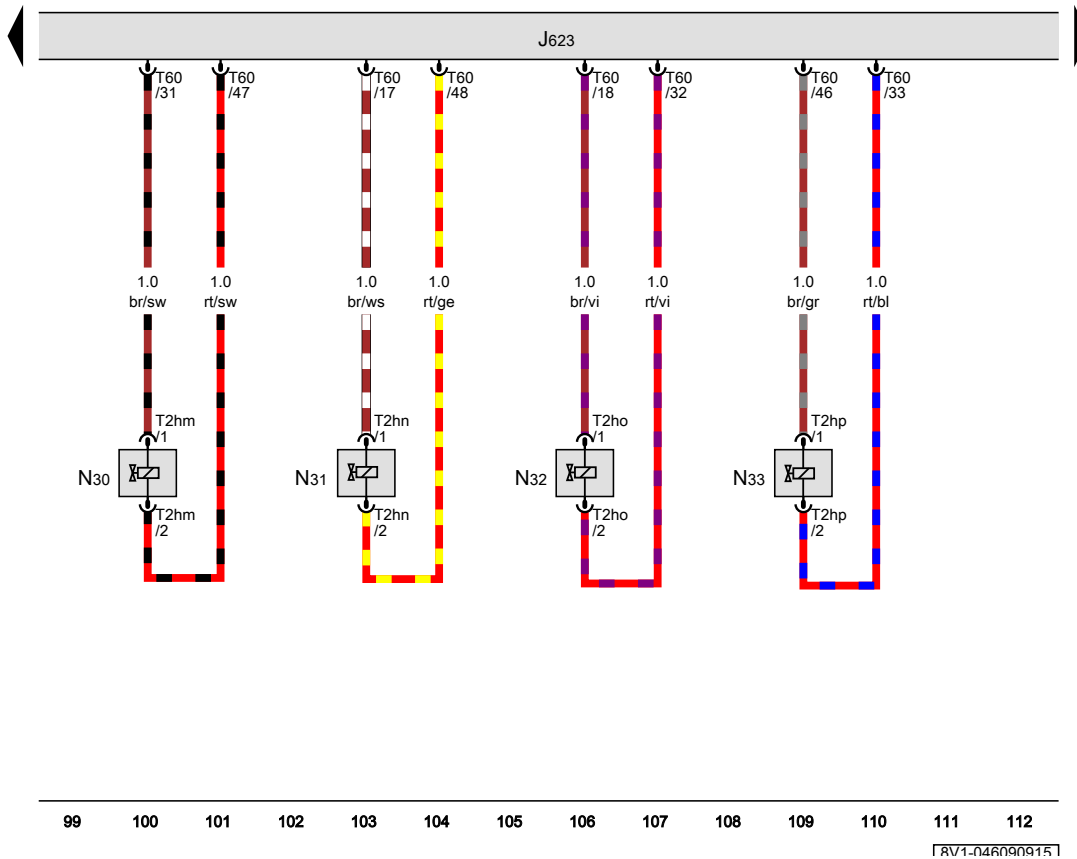
Vacuum sender, Main relay, Engine control unit

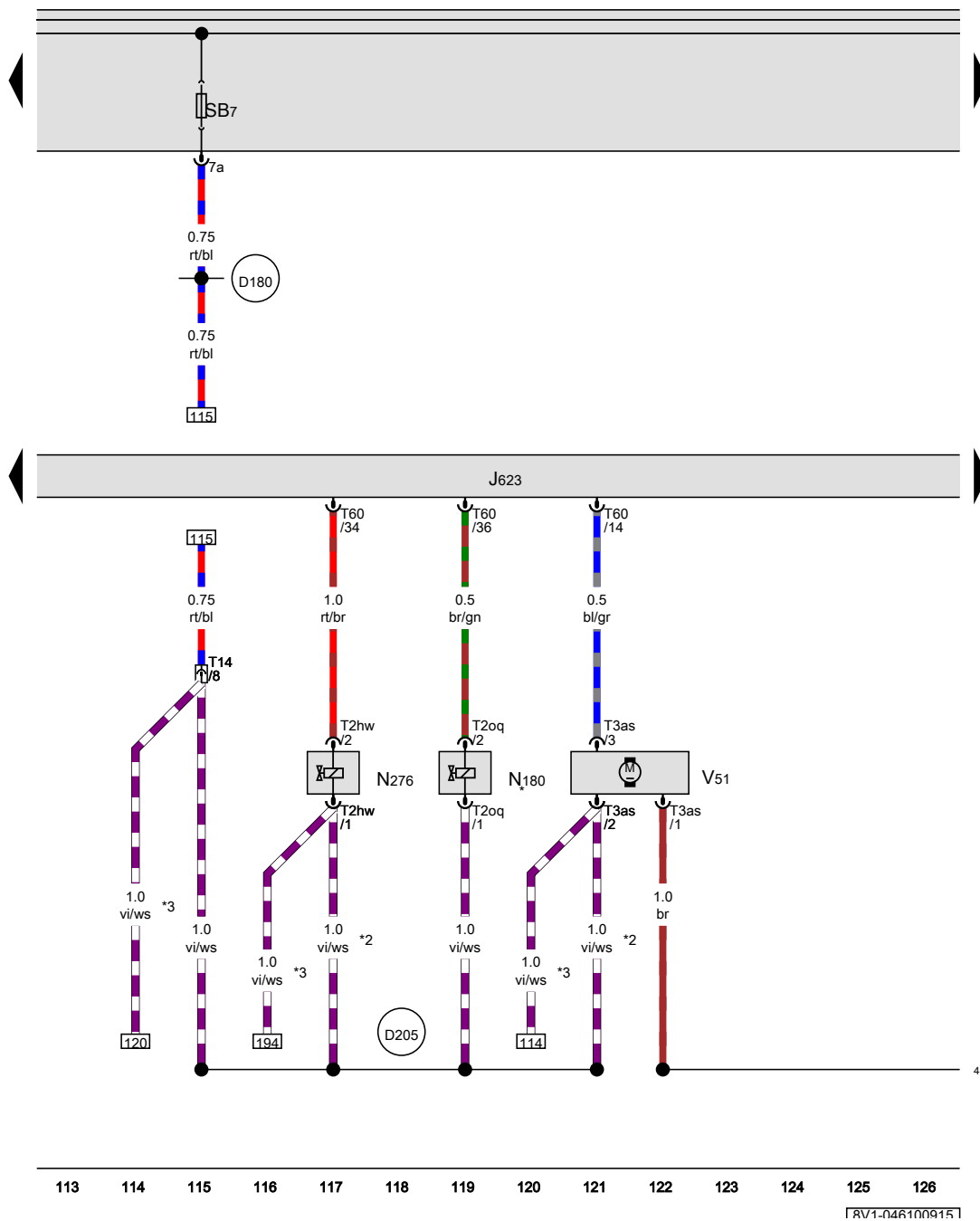
- G608 Vacuum sender
- J104 ABS control unit
- J271 Main relay
- J623 Engine control unit
- SB3 Fuse 3 on fuse holder B
- SB17 Fuse 17 on fuse holder B
- T3aa 3-pin connector, black
- T6a 6-pin connector, black
- T46a 46-pin connector, black
- T94 94-pin connector

- 85 Earth connection 1, in engine compartment wiring harness
- 131 Earth connection 2, in engine compartment wiring harness
- 209 Earth connection 6, in engine compartment wiring harness
- 419 Earth connection 11, in engine compartment wiring harness
- 671 Earth point 1, on front of left longitudinal member
- D78 Positive connection 1 (30a), in engine compartment wiring harness
- D183 Connection 4 (87a) in engine compartment wiring harness
- * Wiring colour depends on equipment
- *2 Only models with manual gearbox
- *3 gradual introduction
- *4 Gradually discontinued

Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

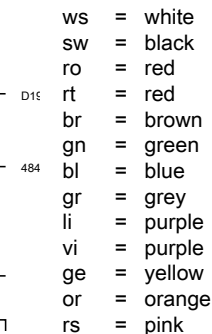
- J623 Engine control unit
- N30 Injector, cylinder 1
- N31 Injector, cylinder 2
- N32 Injector, cylinder 3
- N33 Injector, cylinder 4
- T2hm 2-pin connector, black
- T2hn 2-pin connector, black
- T2ho 2-pin connector, black
- T2hp 2-pin connector, black
- T60 60-pin connector





Engine control unit, Changeover valve, Fuel pressure regulating valve, Continued coolant circulation pump

- J623 Engine control unit
- N180 Changeover valve
- N276 Fuel pressure regulating valve
- SB7 Fuse 7 on fuse holder B
- T2hw 2-pin connector, black
- T2oq 2-pin connector, black
- T3as 3-pin connector, black
- T14 14-pin connector, near front left longitudinal member
- T60 60-pin connector
- V51 Continued coolant circulation pump
- 484 Earth connection 2 (ignition coils), in engine prewiring harness
- D180 Connection (87a), in engine compartment wiring harness
- D205 Connection 3 (87a) in engine prewiring harness
- * If fitted
- *2 Gradually discontinued
- *3 gradual introduction



J623	Engine control unit
N80	Activated charcoal filter solenoid valve 1
N205	Camshaft control valve 1
N208	Camshaft control valve 2
N428	Valve for oil pressure control
SB4	Fuse 4 on fuse holder B
T2hq	2-pin connector, black
T2hr	2-pin connector, black
T2hs	2-pin connector, black
T2ol	2-pin connector, black
T4g	4-pin connector
T14	14-pin connector, near front left longitudinal member
T60	60-pin connector
T94	94-pin connector
484	Earth connection 2 (ignition coils), in engine prewiring harness
D196	Connection 2 (87a) in engine prewiring harness
D197	Connection 5 (87a) in engine compartment wiring harness
K21	Connection 1, in radiator fan wiring harness
*	Radiator fan connection
*2	see applicable current flow diagram for radiator fan
*3	Gradually discontinued
*4	gradual introduction

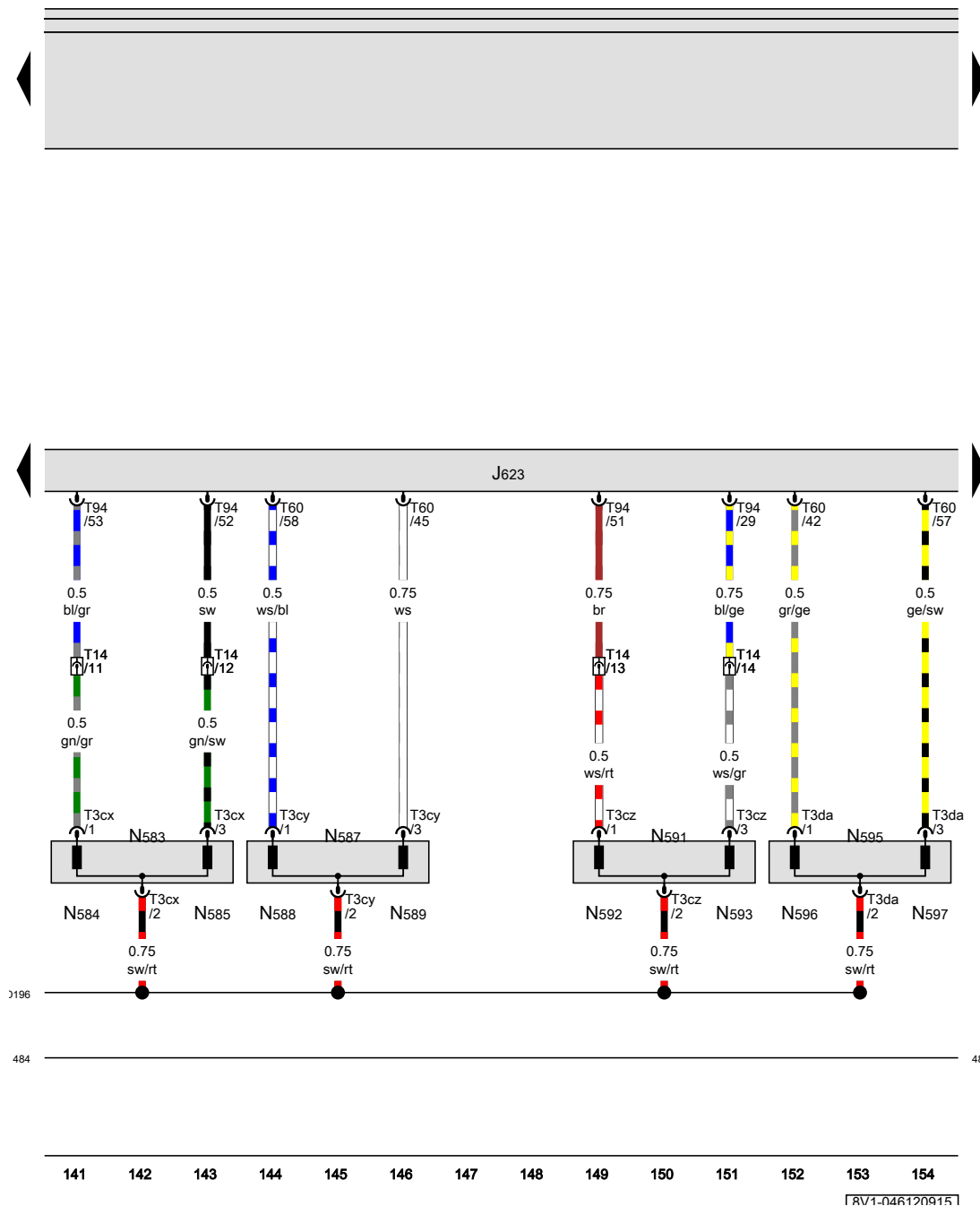
Engine control unit, Inlet cam actuator for cylinder 2, Exhaust cam actuator for cylinder 2, Inlet cam actuator for cylinder 3, Exhaust cam actuator for cylinder 3

- J623 Engine control unit
- N583 Inlet cam actuator for cylinder 2
- N584 Inlet cam actuator A for cylinder 2
- N585 Inlet cam actuator B for cylinder 2
- N587 Exhaust cam actuator for cylinder 2
- N588 Exhaust cam actuator A for cylinder 2
- N589 Exhaust cam actuator B for cylinder 2
- N591 Inlet cam actuator for cylinder 3
- N592 Inlet cam actuator A for cylinder 3
- N593 Inlet cam actuator B for cylinder 3
- N595 Exhaust cam actuator for cylinder 3
- N596 Exhaust cam actuator A for cylinder 3
- N597 Exhaust cam actuator B for cylinder 3

- T3cx 3-pin connector, black
- T3cy 3-pin connector, black
- T3cz 3-pin connector, black
- T3da 3-pin connector, black
- T14 14-pin connector, near front left longitudinal member
- T60 60-pin connector
- T94 94-pin connector

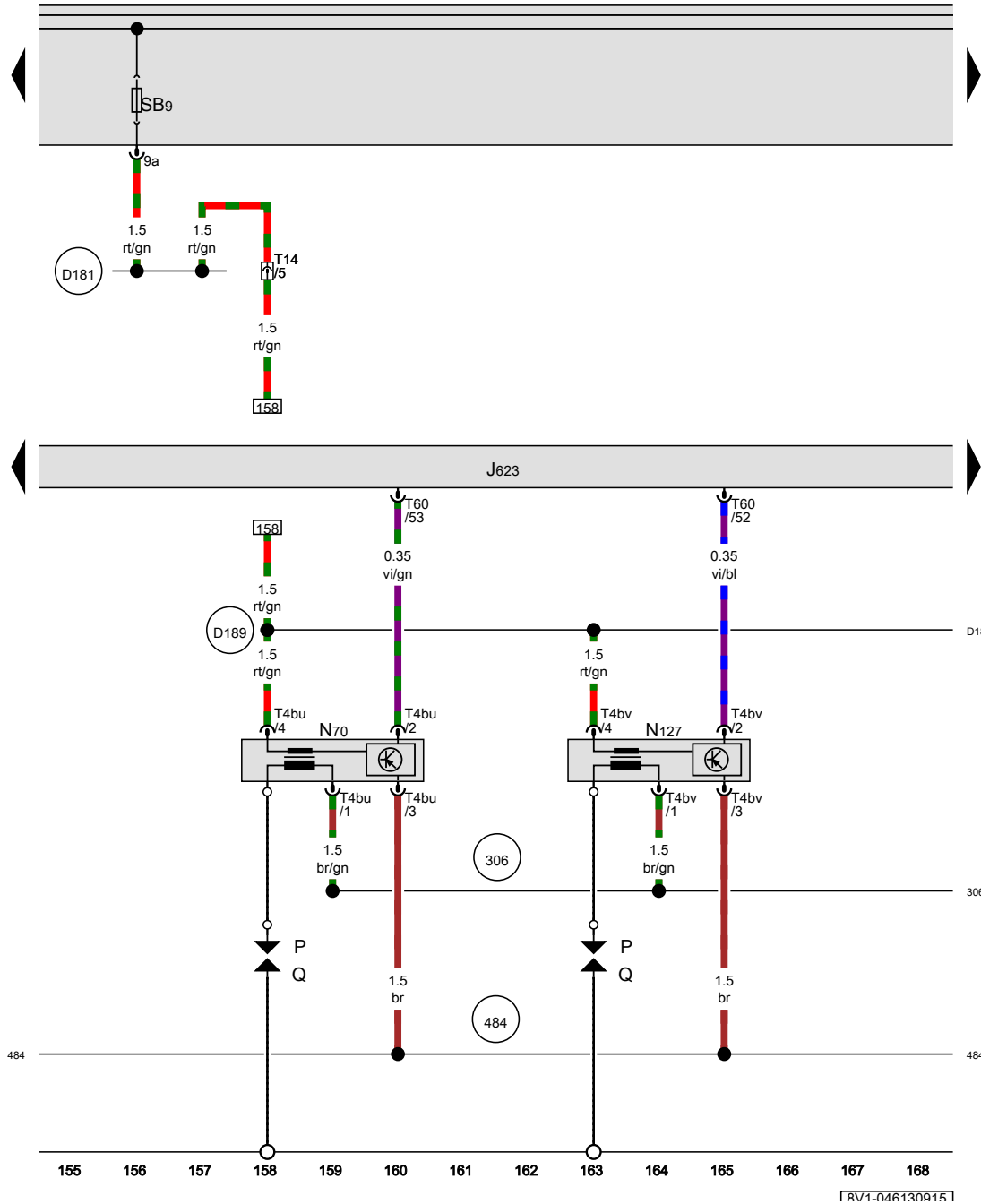
484 Earth connection 2 (ignition coils), in engine prewiring harness

D196 Connection 2 (87a) in engine prewiring harness



Engine control unit, Ignition coil 1 with output stage, Ignition coil 2 with output stage

- J623 Engine control unit
- N70 Ignition coil 1 with output stage
- N127 Ignition coil 2 with output stage
- P Spark plug connector
- Q Spark plugs
- SB9 Fuse 9 on fuse holder B
- T4bu 4-pin connector, black
- T4bv 4-pin connector, black
- T14 14-pin connector, near front left longitudinal member
- T60 60-pin connector
- 306 Earth connection (ignition coils), in engine prewiring harness
- 484 Earth connection 2 (ignition coils), in engine prewiring harness
- D181 Connection 2 (87a) in engine compartment wiring harness
- D189 Connection (87a) in engine prewiring harness

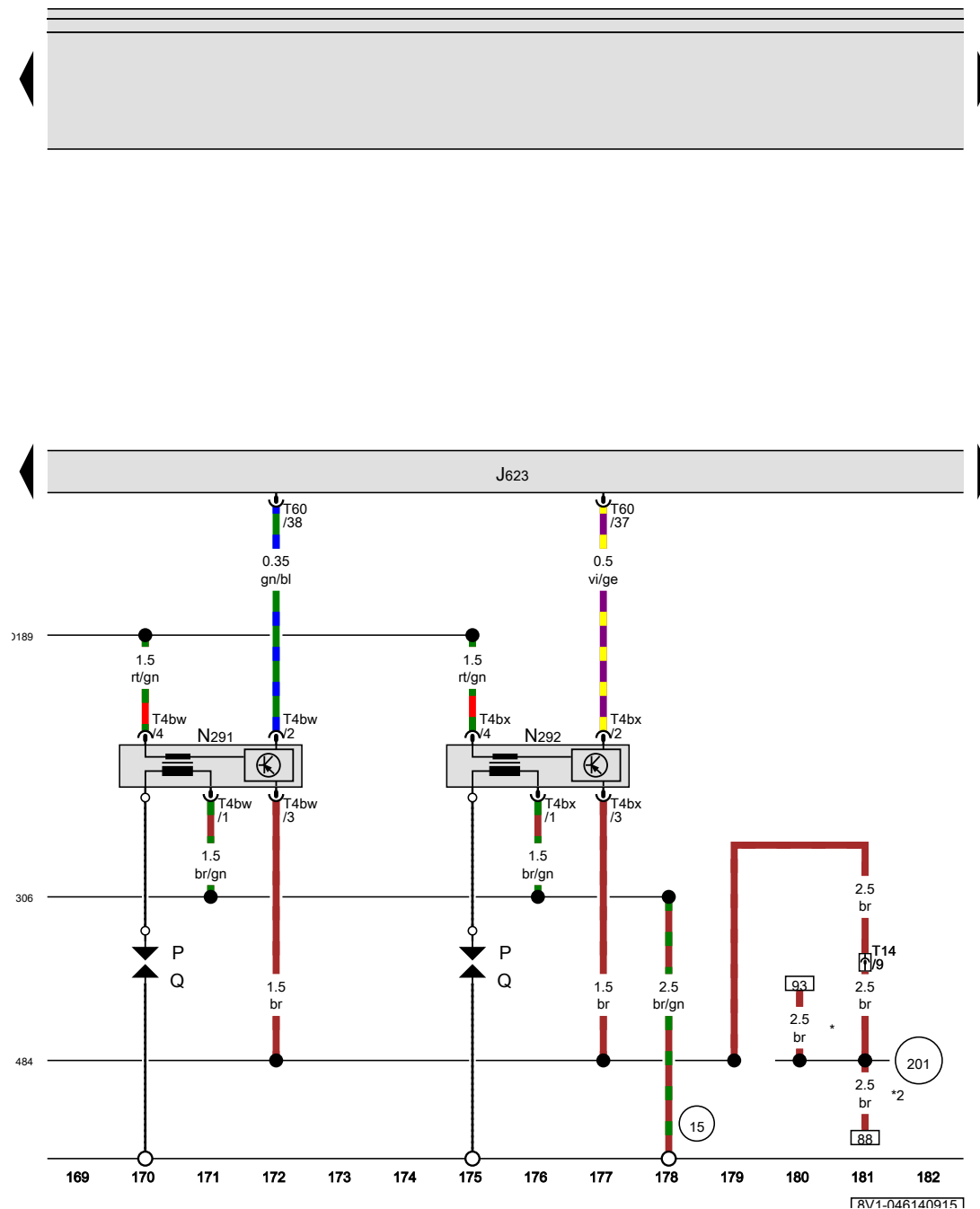


Engine control unit, Ignition coil 3 with output stage, Ignition coil 4 with output stage

- J623 Engine control unit
- N291 Ignition coil 3 with output stage
- N292 Ignition coil 4 with output stage
- P Spark plug connector
- Q Spark plugs
- T4bw 4-pin connector, black
- T4bx 4-pin connector, black
- T14 14-pin connector, near front left longitudinal member
- T60 60-pin connector

- 15 Earth point, on cylinder head
- 201 Earth connection 5, in engine compartment wiring harness
- 306 Earth connection (ignition coils), in engine prewiring harness
- 484 Earth connection 2 (ignition coils), in engine prewiring harness
- D189 Connection (87a) in engine prewiring harness

- * gradual introduction
- *2 Gradually discontinued



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- gr = grey
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- vi = purple
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- rs = pink

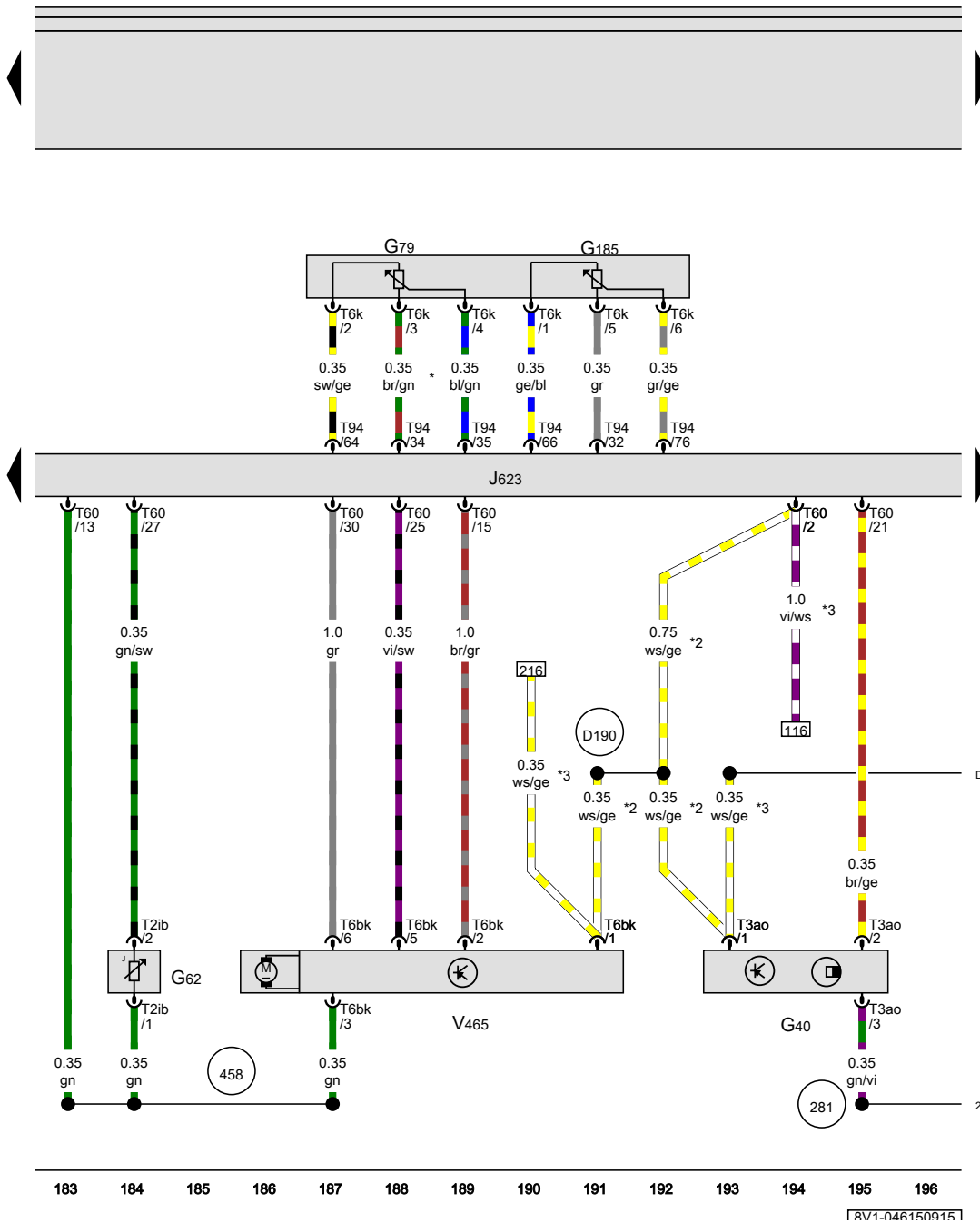
Hall sender, Coolant temperature sender, Accelerator position sender, Accelerator position sender 2, Engine control unit, Charge pressure positioner

- G40 Hall sender
- G62 Coolant temperature sender
- G79 Accelerator position sender
- G185 Accelerator position sender 2
- J623 Engine control unit
- T2ib 2-pin connector, black
- T3ao 3-pin connector, black
- T6bk 6-pin connector, grey
- T6k 6-pin connector
- T60 60-pin connector
- T94 94-pin connector
- V465 Charge pressure positioner

- 281 Earth point 1, engine prewiring harness
- 458 Earth point 3, engine prewiring harness
- D141 Connection (5V) in engine prewiring harness
- D190 Connection 3 (5V) in engine prewiring harness

- * Wiring colour depends on equipment
- *2 Gradually discontinued
- *3 gradual introduction

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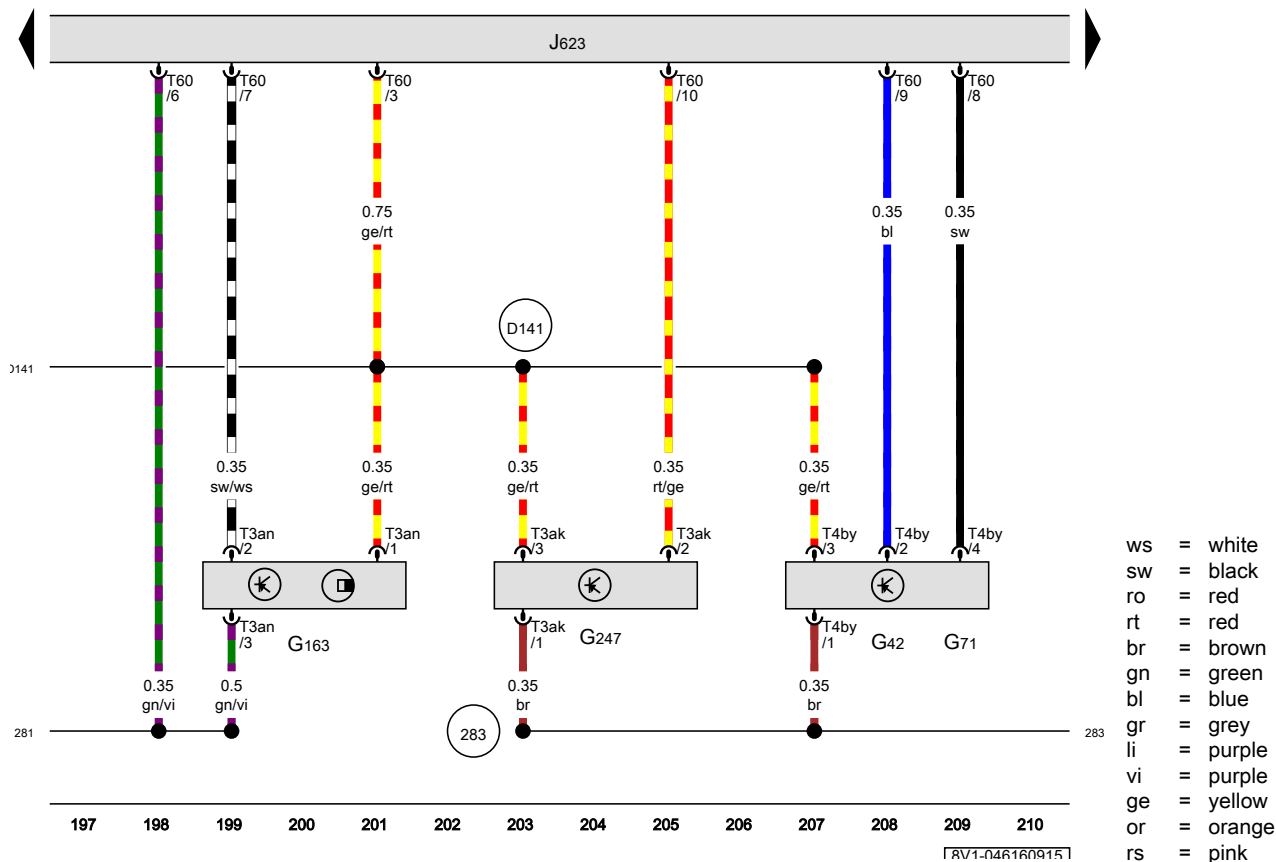
Intake air temperature sender, Intake manifold pressure sender, Hall sender 2, Fuel pressure sender, Engine control unit

- G42 Intake air temperature sender
- G71 Intake manifold pressure sender
- G163 Hall sender 2
- G247 Fuel pressure sender
- J623 Engine control unit
- T3ak 3-pin connector, black
- T3an 3-pin connector, black
- T4by 4-pin connector, black
- T60 60-pin connector

281 Earth point 1, engine prewiring harness

283 Earth point 2, engine prewiring harness

D141 Connection (5V) in engine prewiring harness



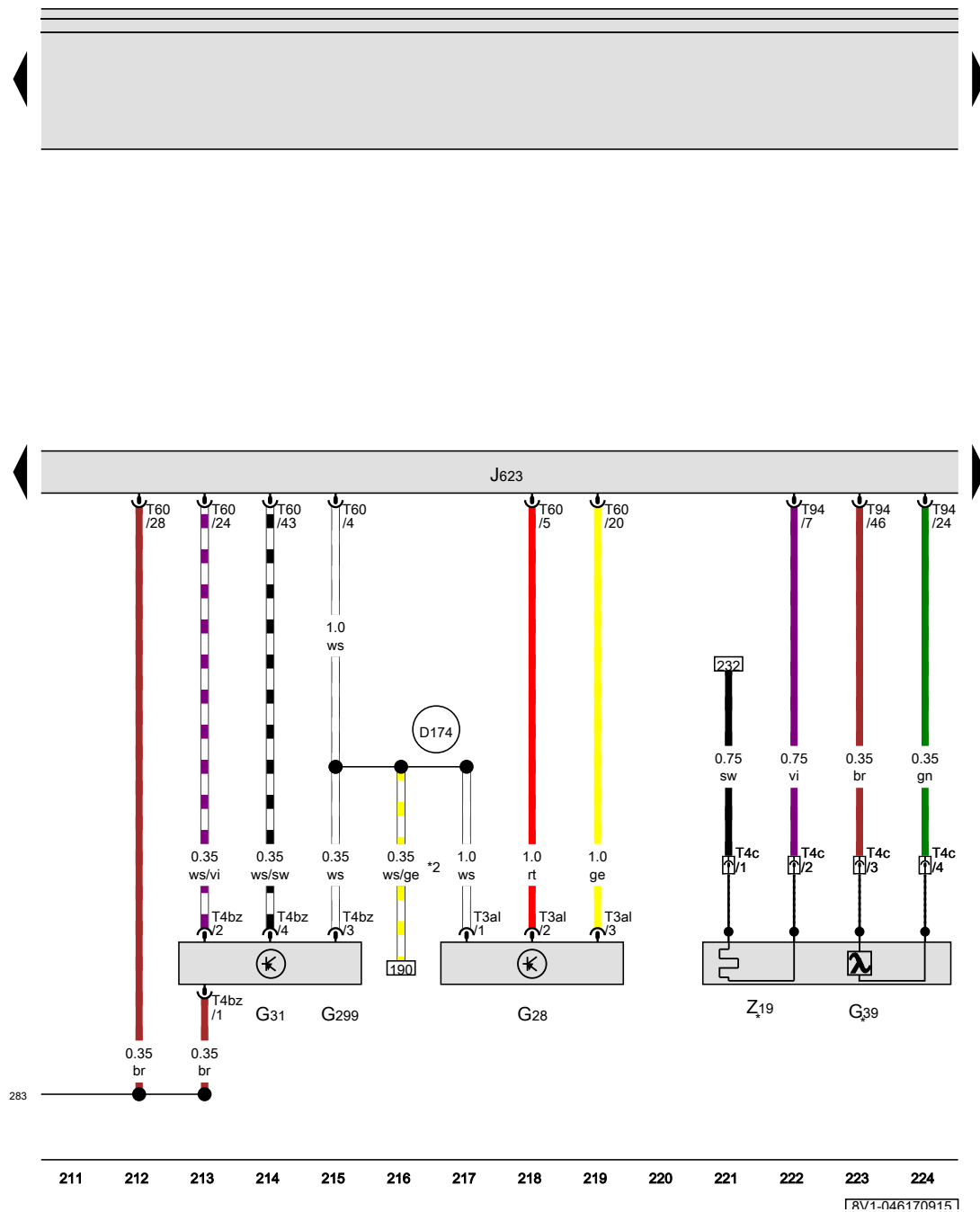
Engine speed sender, Charge pressure sender, Lambda probe, Intake air temperature sender 2, Engine control unit, Lambda probe heater

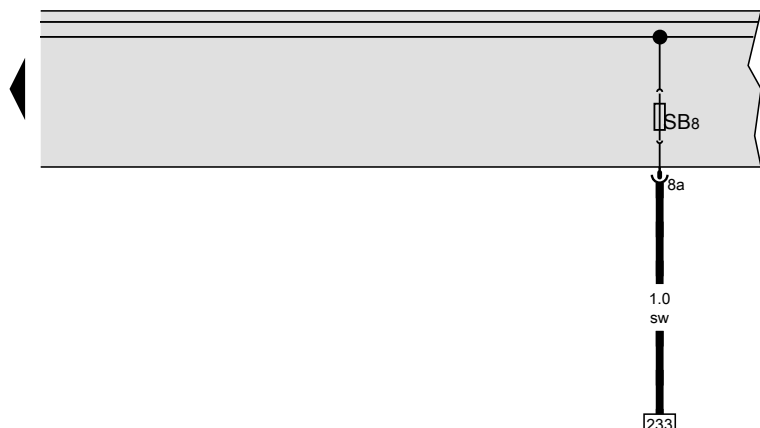
- G28 Engine speed sender
- G31 Charge pressure sender
- G39 Lambda probe
- G299 Intake air temperature sender 2
- J623 Engine control unit
- T3al 3-pin connector, black
- T4bz 4-pin connector, black
- T4c 4-pin connector
- T60 60-pin connector
- T94 94-pin connector
- Z19 Lambda probe heater

283 Earth point 2, engine prewiring harness

D174 Connection 2 (5V) in engine prewiring harness

- * From May 2014
- *2 gradual introduction

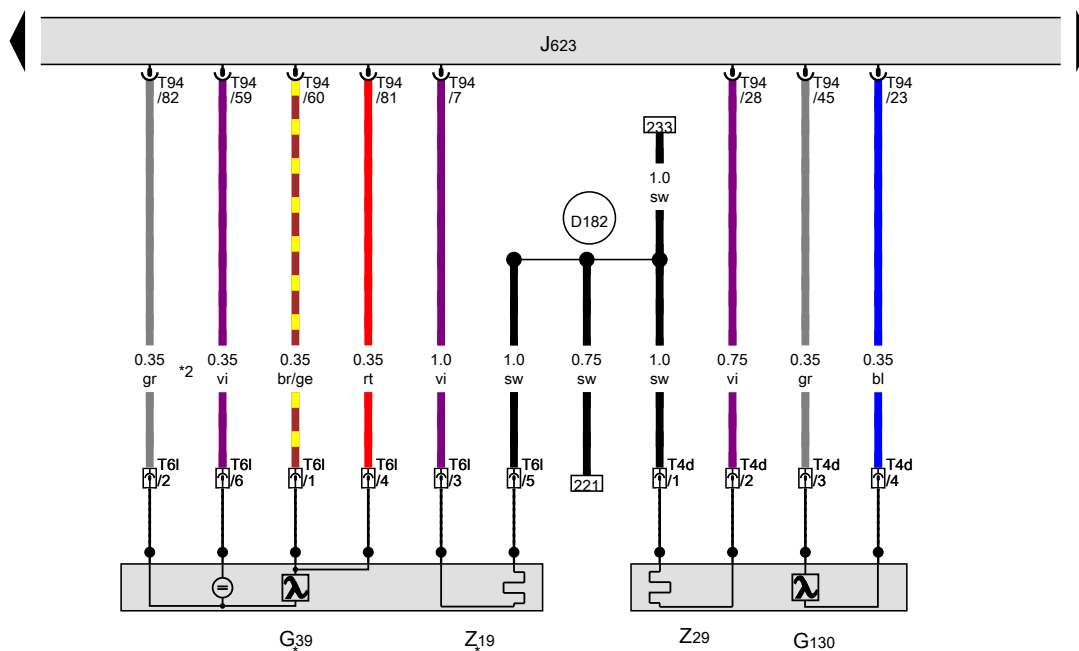




Lambda probe, Lambda probe after catalytic converter, Engine control unit, Lambda probe 1 heater after catalytic converter

- G39 Lambda probe
- G130 Lambda probe after catalytic converter
- J623 Engine control unit
- SB8 Fuse 8 on fuse holder B
- T4d 4-pin connector
- T6l 6-pin connector, black
- T94 94-pin connector
- Z19 Lambda probe heater
- Z29 Lambda probe 1 heater after catalytic converter
- D182 Connection 3 (87a) in engine compartment wiring harness

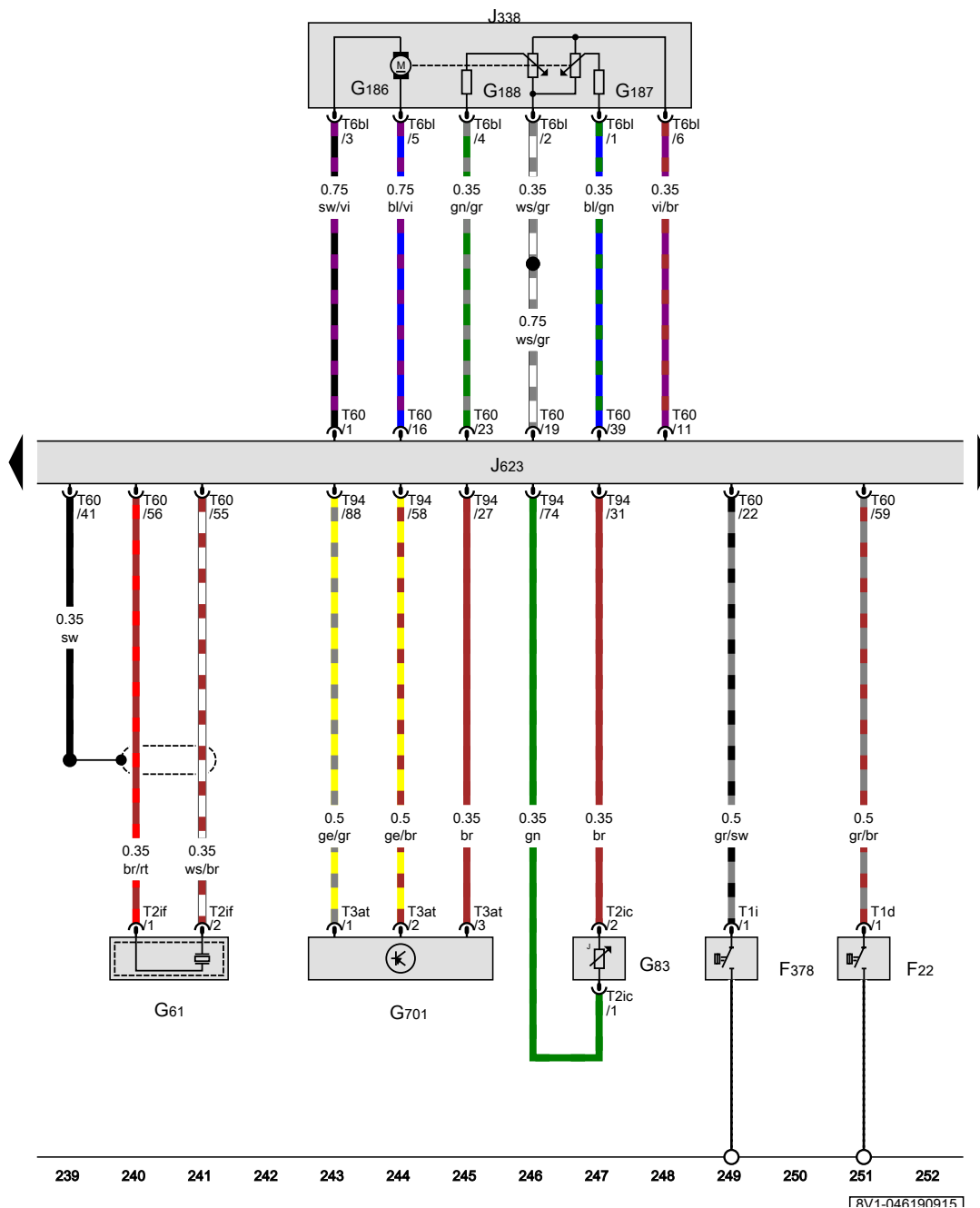
* Up to May 2014
*2 Wiring colour depends on equipment



ws = white
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225 226 227 228 229 230 231 232 233 234 235 236 237 238

18V1-046180915



Oil pressure switch, Oil pressure switch for reduced oil pressure, Knock sensor 1, Radiator outlet coolant temperature sender, Gearbox neutral position sender, Throttle valve module, Engine control unit

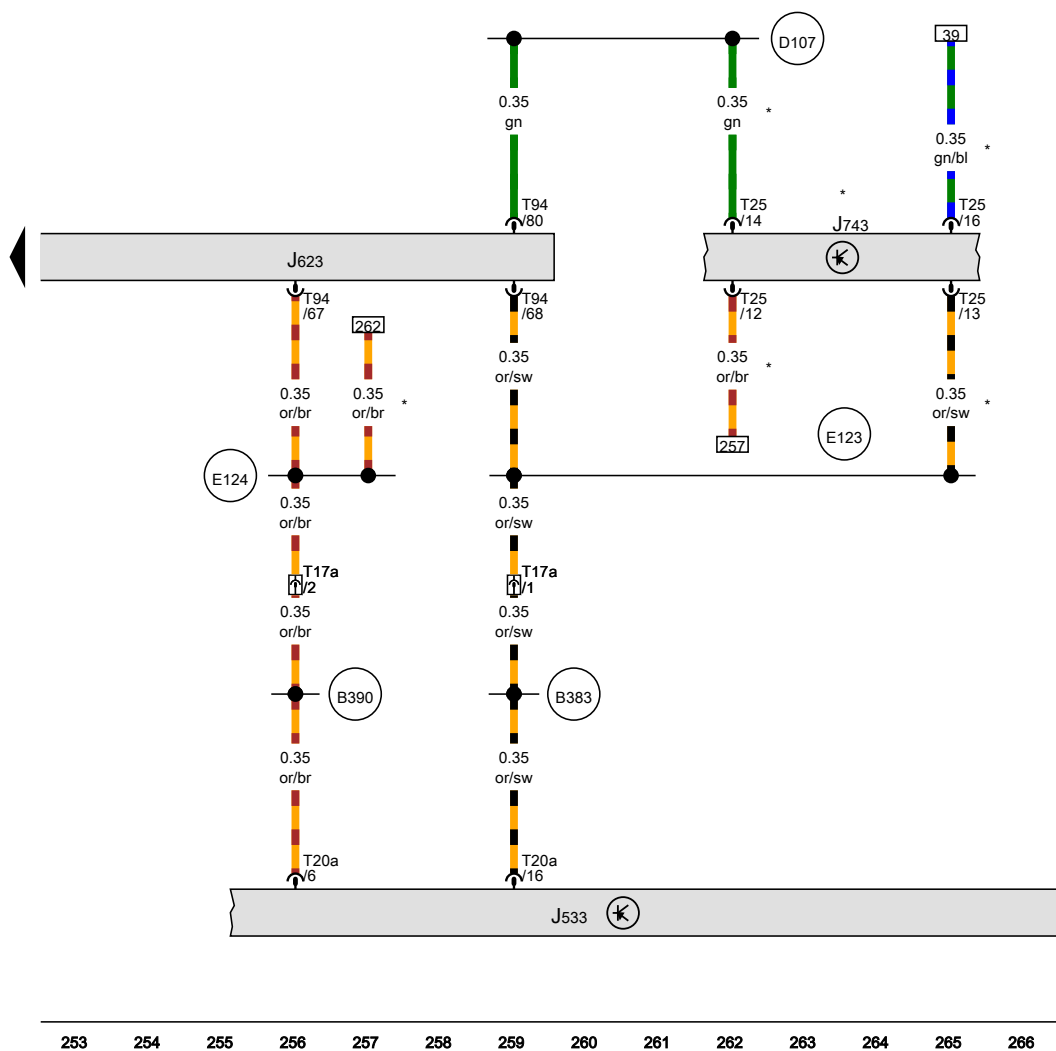
- F22 Oil pressure switch
- F378 Oil pressure switch for reduced oil pressure
- G61 Knock sensor 1
- G83 Radiator outlet coolant temperature sender
- G186 Throttle valve drive for electric throttle
- G187 Throttle valve drive angle sender 1 for electric throttle
- G188 Throttle valve drive angle sender 2 for electric throttle
- G701 Gearbox neutral position sender
- J338 Throttle valve module
- J623 Engine control unit
- T1d Single connector, black
- T1i Single connector, black
- T2ic 2-pin connector, black
- T2if 2-pin connector, black
- T3at 3-pin connector, black
- T6bl 6-pin connector, black
- T60 60-pin connector
- T94 94-pin connector

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Data bus diagnostic interface, Engine control unit, Mechatronic unit for dual clutch gearbox

- J533 Data bus diagnostic interface
- J623 Engine control unit
- J743 Mechatronic unit for dual clutch gearbox
- T17a 17-pin connector
- T20a 20-pin connector
- T25 25-pin connector
- T94 94-pin connector

- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- D107 Connection 5 in engine compartment wiring harness
- E123 Connection 1 (powertrain CAN bus, high), in engine wiring harness
- E124 Connection 1 (powertrain CAN bus, low), in engine wiring harness
- * Only models with dual clutch gearbox

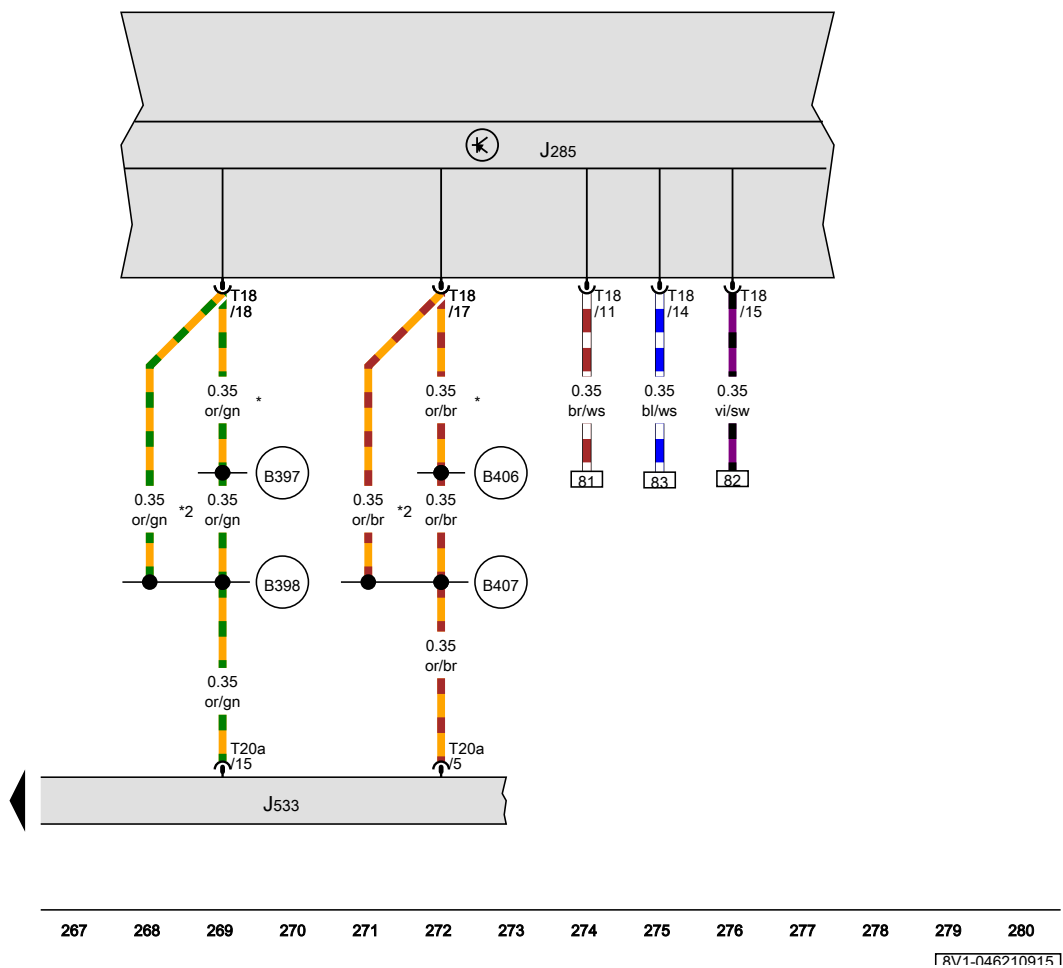


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1510900264V81

Control unit in dash panel insert, Data bus diagnostic interface

- J285 Control unit in dash panel insert
- J533 Data bus diagnostic interface
- T18 18-pin connector
- T20a 20-pin connector
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness
- * Only left-hand drive models
- *2 Only right-hand drive models

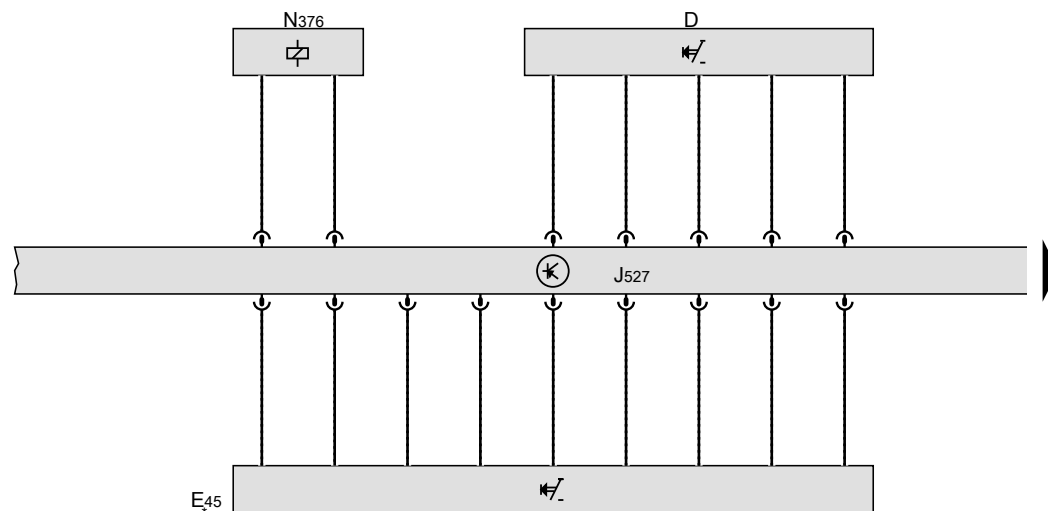


1.6l diesel engine , CLHA

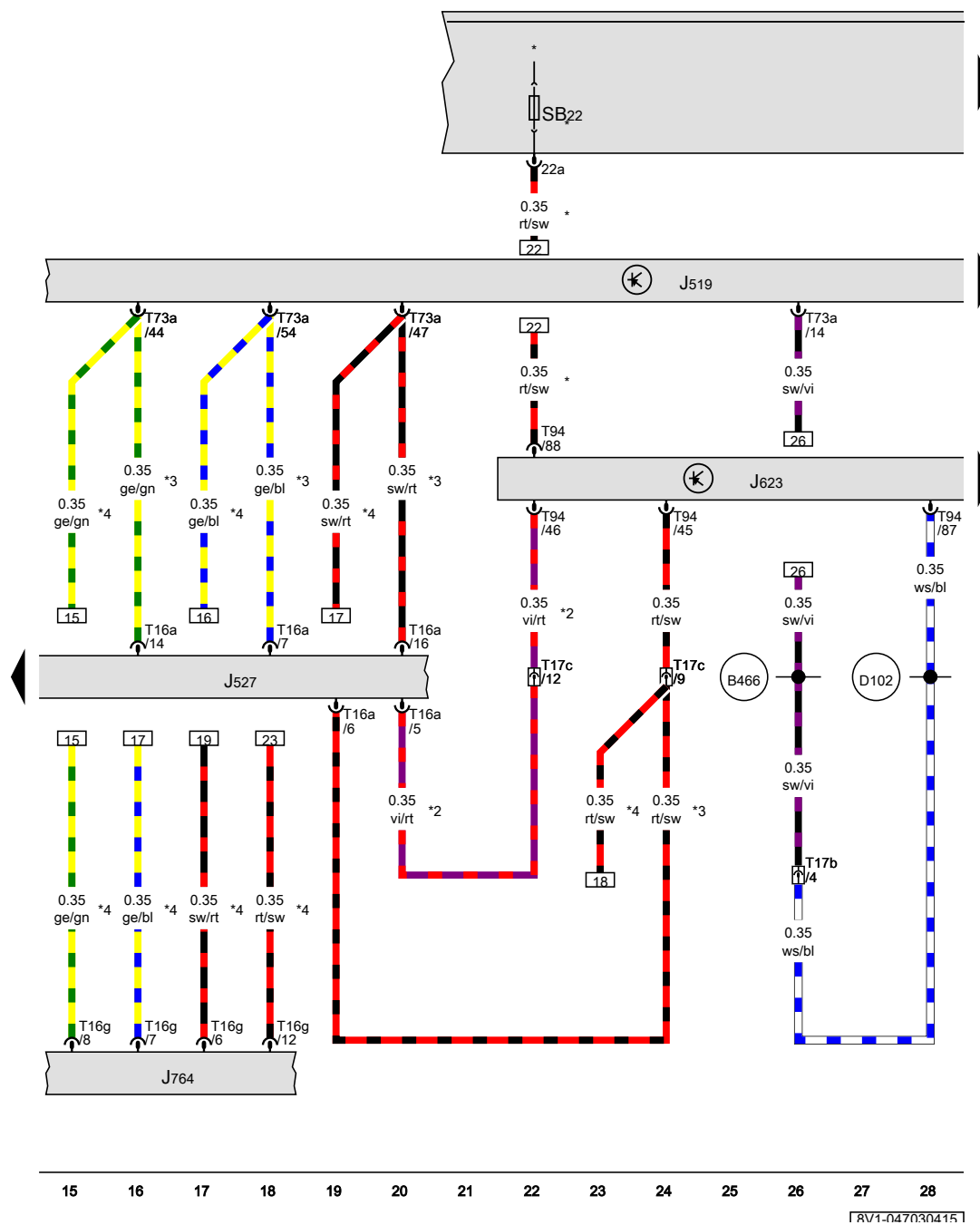
From September 2012

Ignition/starter switch, Cruise control system switch,
Steering column electronics control unit

- D Ignition/starter switch
- E45 Cruise control system switch
- J527 Steering column electronics control unit
- N376 Ignition key withdrawal lock solenoid
- T2z 2-pin connector
- * Only models with cruise control system (CCS)



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Onboard supply control unit, Steering column electronics control unit, Engine control unit

- J519 Onboard supply control unit
- J527 Steering column electronics control unit
- J623 Engine control unit
- J764 Control unit for electronic steering column lock
- SB22 Fuse 22 on fuse holder B
- T16a 16-pin connector
- T16g 16-pin connector
- T17b 17-pin connector
- T17c 17-pin connector
- T73a 73-pin connector
- T94 94-pin connector

B466 Connection 2, in main wiring harness

D102 Connection 2 in engine compartment wiring harness

* see applicable current flow diagram for battery in engine compartment

*2 Only models with cruise control system (CCS)

*3 Only models with no entry and start authorisation

*4 Only models with entry and start authorisation

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Oil level and oil temperature sender, Clutch position sender, Onboard supply control unit, Engine control unit

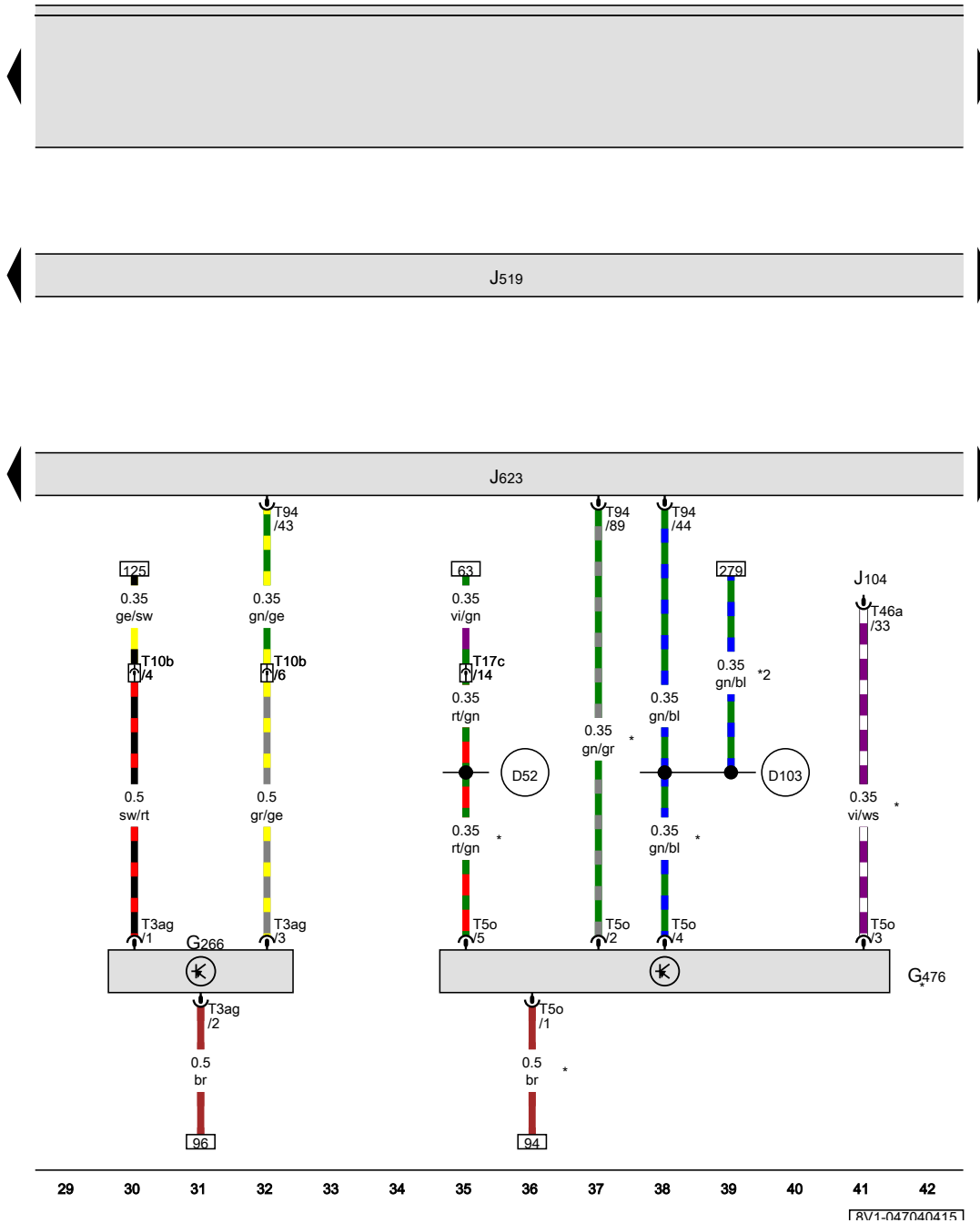
- G266 Oil level and oil temperature sender
- G476 Clutch position sender
- J104 ABS control unit
- J519 Onboard supply control unit
- J623 Engine control unit
- T3ag 3-pin connector
- T5o 5-pin connector
- T10b 10-pin connector
- T17c 17-pin connector
- T46a 46-pin connector, black
- T94 94-pin connector

D52 Positive connection (15a), in engine compartment wiring harness

D103 Connection 3 in engine compartment wiring harness

* Only models with manual gearbox

*2 Only models with dual clutch gearbox



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Start/Stop operation button, Brake light switch, Brake pedal switch, Onboard supply control unit, Engine control unit

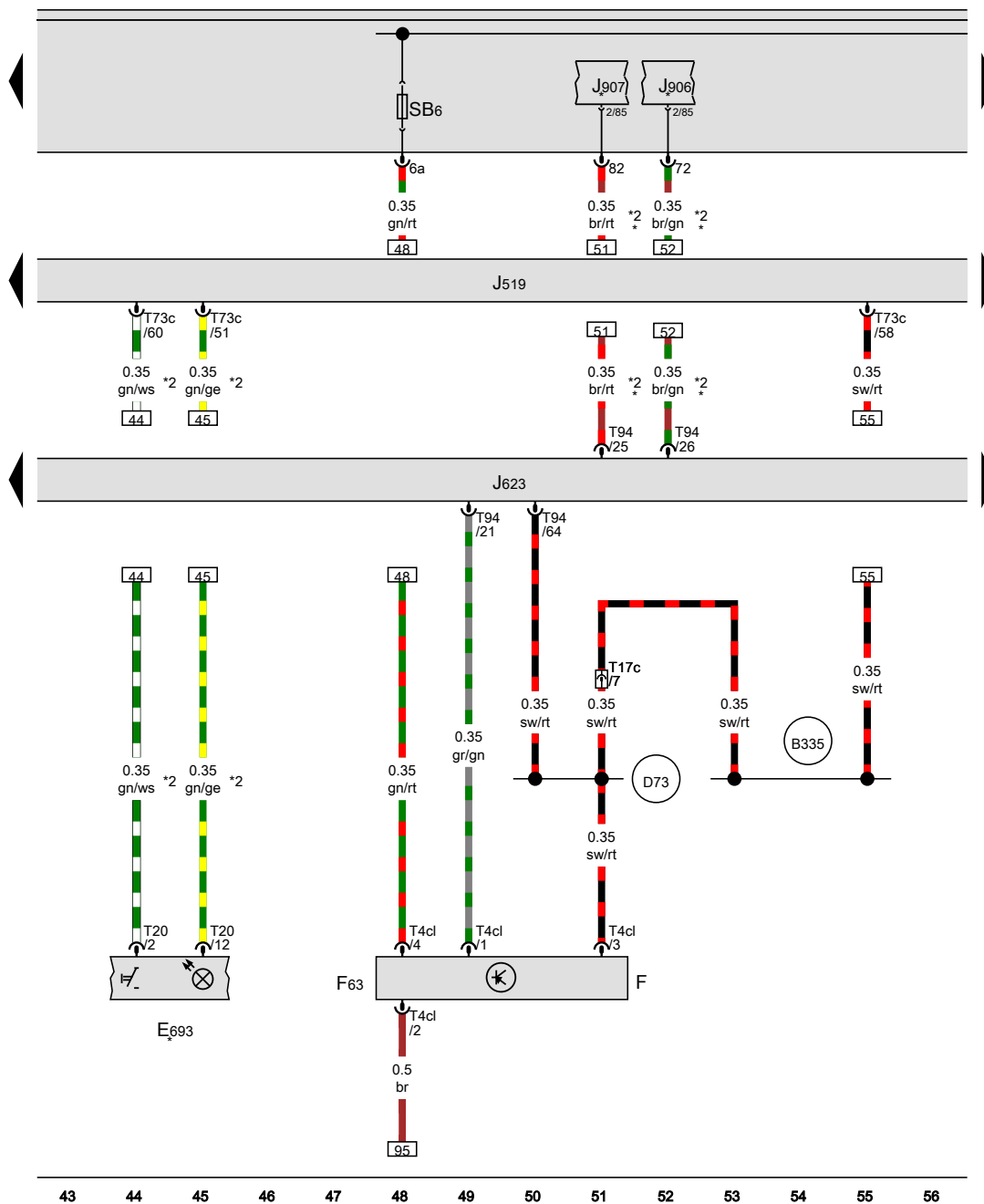
- E693 Start/Stop operation button
- F Brake light switch
- F63 Brake pedal switch
- J519 Onboard supply control unit
- J623 Engine control unit
- J906 Starter relay 1
- J907 Starter relay 2
- SB6 Fuse 6 on fuse holder B
- T4cl 4-pin connector
- T17c 17-pin connector
- T20 20-pin connector
- T73c 73-pin connector
- T94 94-pin connector

B335 Connection 1 (54), in main wiring harness

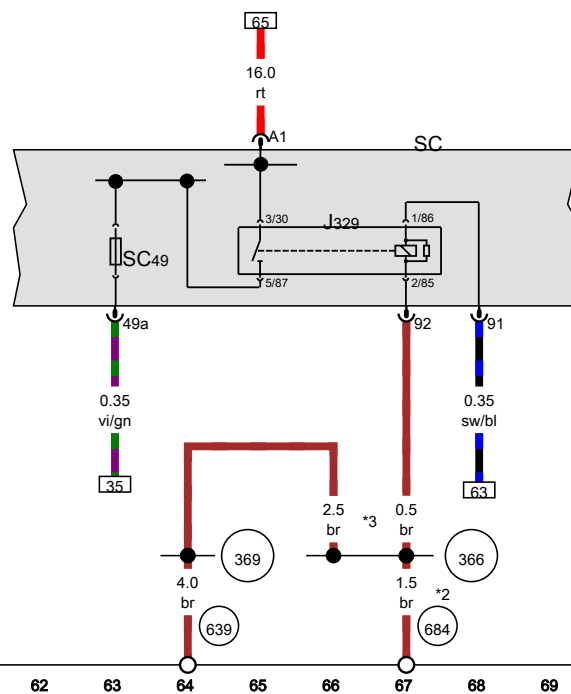
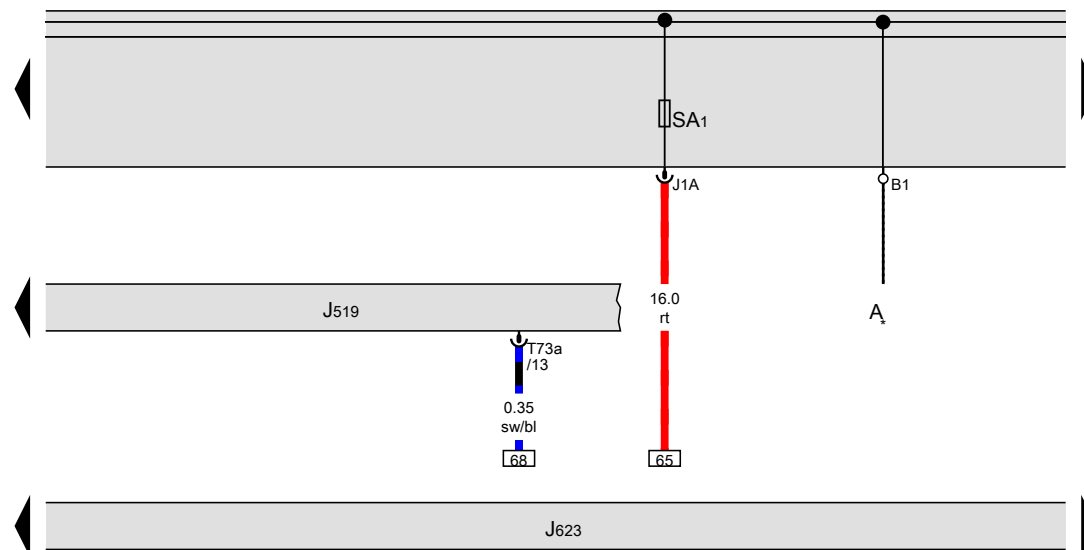
D73 Positive connection (54), in engine compartment wiring harness

* see applicable current flow diagram for battery in engine compartment

*2 Only models with start/stop system



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 vi = purple
 ge = yellow
 or = orange
 rs = pink

Terminal 15 voltage supply relay, Onboard supply control unit, Engine control unit, Fuse holder C

- A Battery
- J329 Terminal 15 voltage supply relay
- J519 Onboard supply control unit
- J623 Engine control unit
- SA1 Fuse 1 in fuse holder A
- SC Fuse holder C
- SC49 Fuse 49 on fuse holder C
- T73a 73-pin connector
- 366 Earth connection 1, in main wiring harness
- 369 Earth connection 4, in main wiring harness
- 639 Earth point, left A-pillar
- 684 Earth point on front of left side member

* see applicable current flow diagram for battery in engine compartment

*2 Only right-hand drive models

*3 Only left-hand drive models

18V1-0470604151



Fuel gauge sender, Fuel system pressurisation pump, Fuel pump control unit, Engine control unit

- G Fuel gauge sender
- G6 Fuel system pressurisation pump
- J538 Fuel pump control unit
- J623 Engine control unit
- SB10 Fuse 10 on fuse holder B
- T3c 3-pin connector
- T4h 4-pin connector
- T6e 6-pin connector
- T17c 17-pin connector
- T94 94-pin connector

51 Earth point, on right in luggage compartment

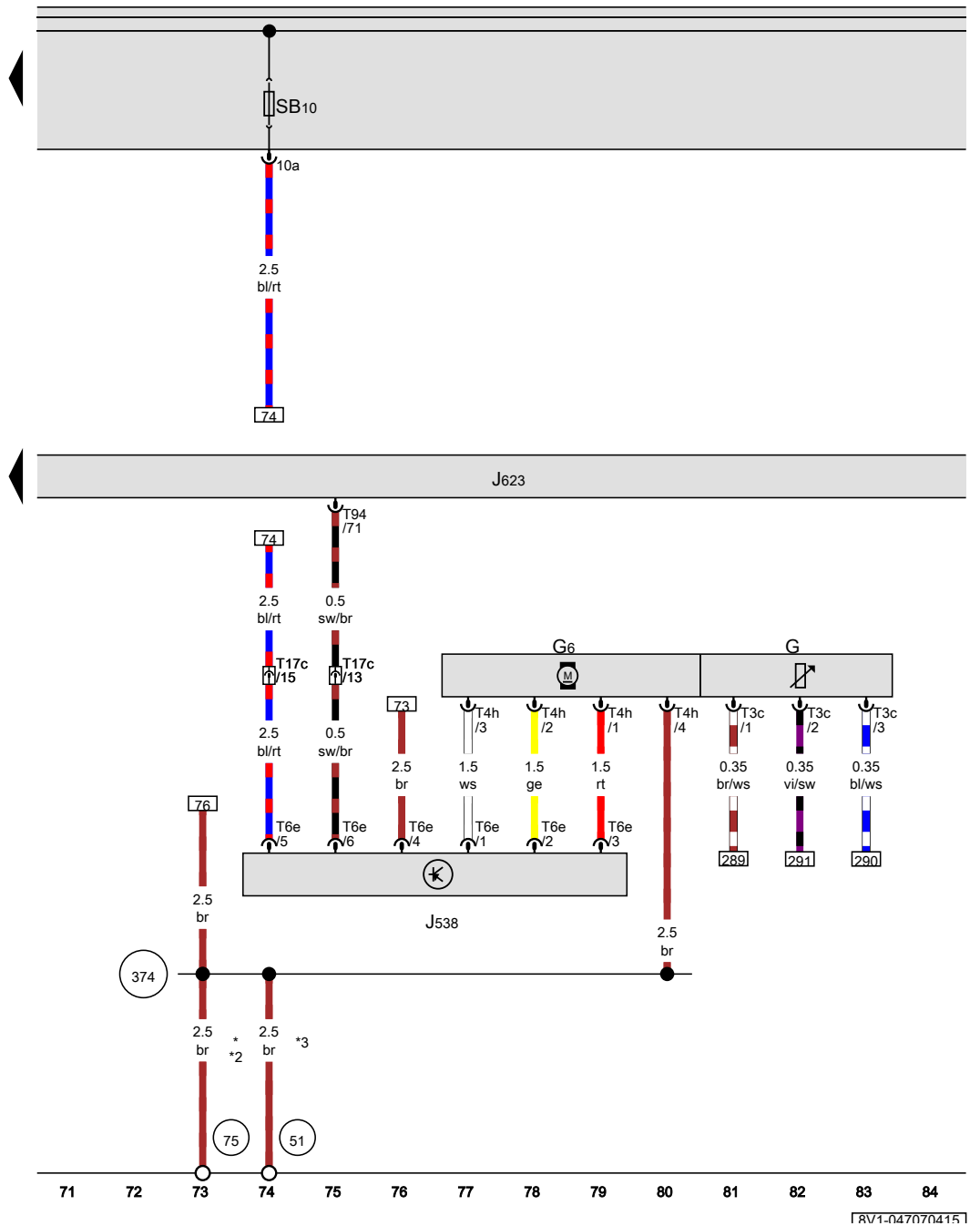
75 Earth point, rear right pillar

374 Earth connection 9, in main wiring harness

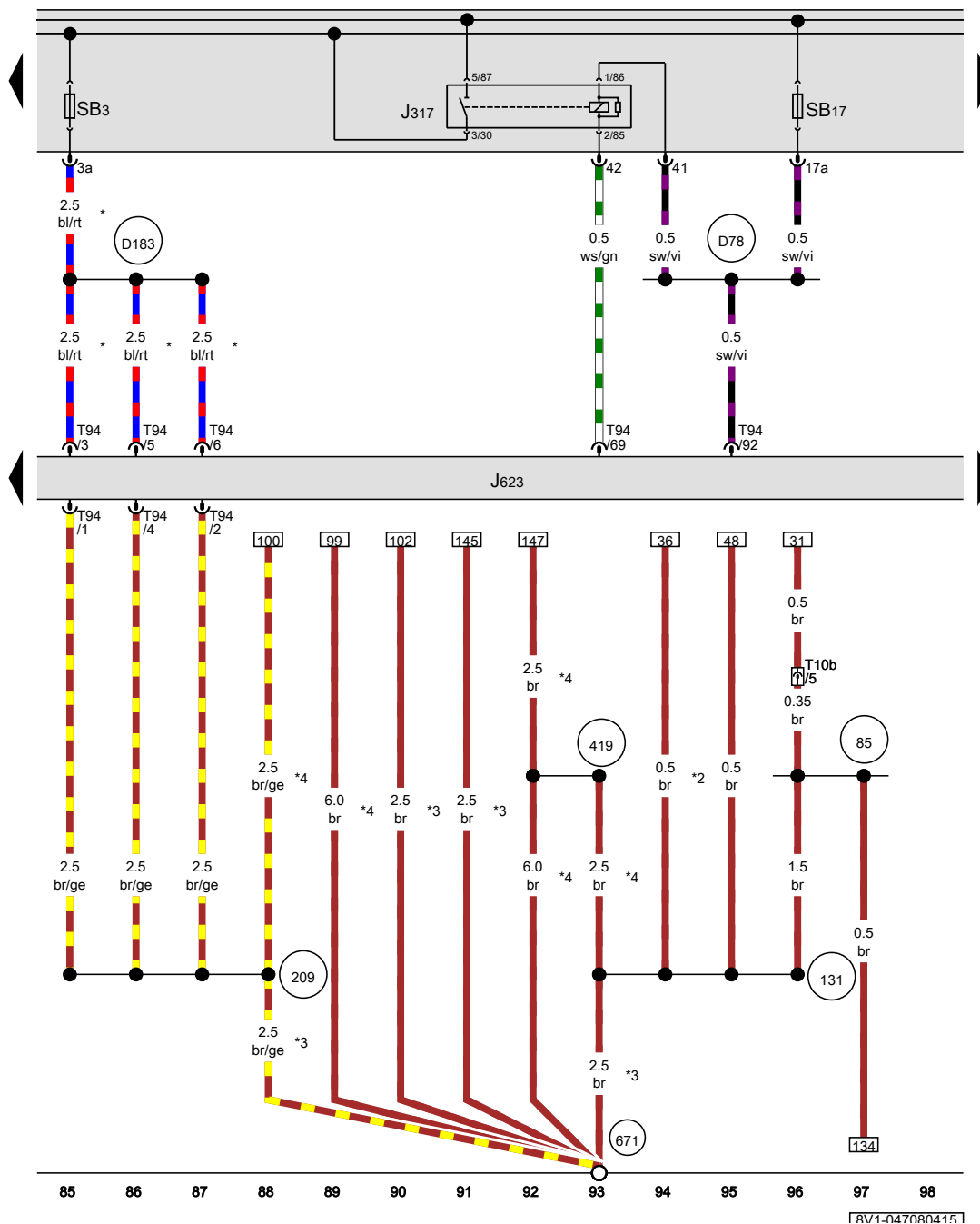
* Only models with 3-doors

*2 Only models with 5-doors

*3 Only models with 4-doors



ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
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or = orange
rs = pink



Terminal 30 voltage supply relay, Engine control unit

J317 Terminal 30 voltage supply relay

J623 Engine control unit

SB3 Fuse 3 on fuse holder B

SB17 Fuse 17 on fuse holder B

T10b 10-pin connector

T94 94-pin connector

85 Earth connection 1, in engine compartment wiring harness

131 Earth connection 2, in engine compartment wiring harness

209 Earth connection 6, in engine compartment wiring harness

419 Earth connection 11, in engine compartment wiring harness

671 Earth point 1, on front of left longitudinal member

D78 Positive connection 1 (30a), in engine compartment wiring harness

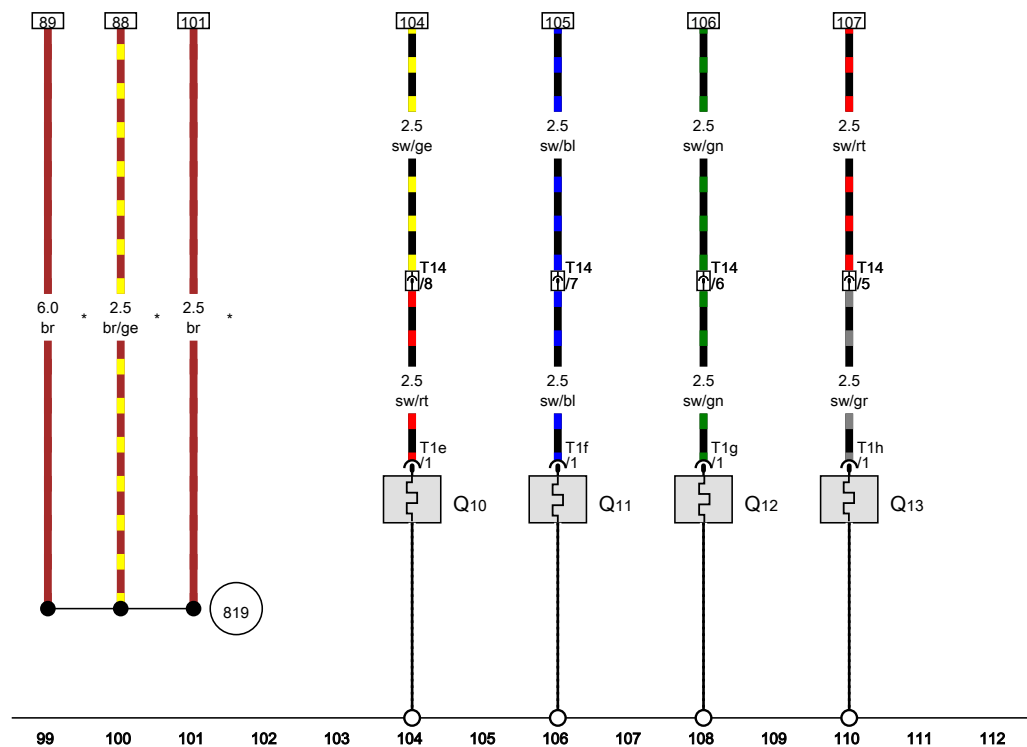
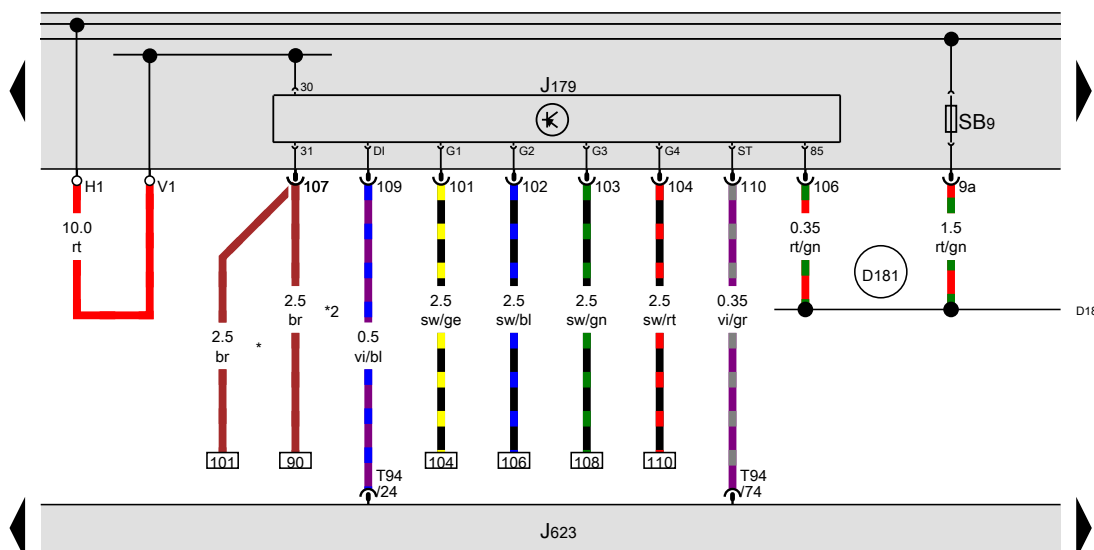
D183 Connection 4 (87a) in engine compartment wiring harness

* Wiring colour depends on equipment

*2 Only models with manual gearbox

*3 Gradually discontinued

*4 gradual introduction



8V1-047090415

Automatic glow period control unit, Engine control unit, Glow plug 1, Glow plug 2, Glow plug 3, Glow plug 4

J179 Automatic glow period control unit

J623 Engine control unit

Q10	Glow plug 1

Q11 Glow plug 2

Q12 Glow plug 3

Q13 Glow plug 4

SB9 Fuse 9 on fuse holder B

T1e Single connector, black

T1f Single connector

T1g	Single connector

T1g	Single connector
T1h	Single connector

T14 14-pin connector

T94 94-pin connector

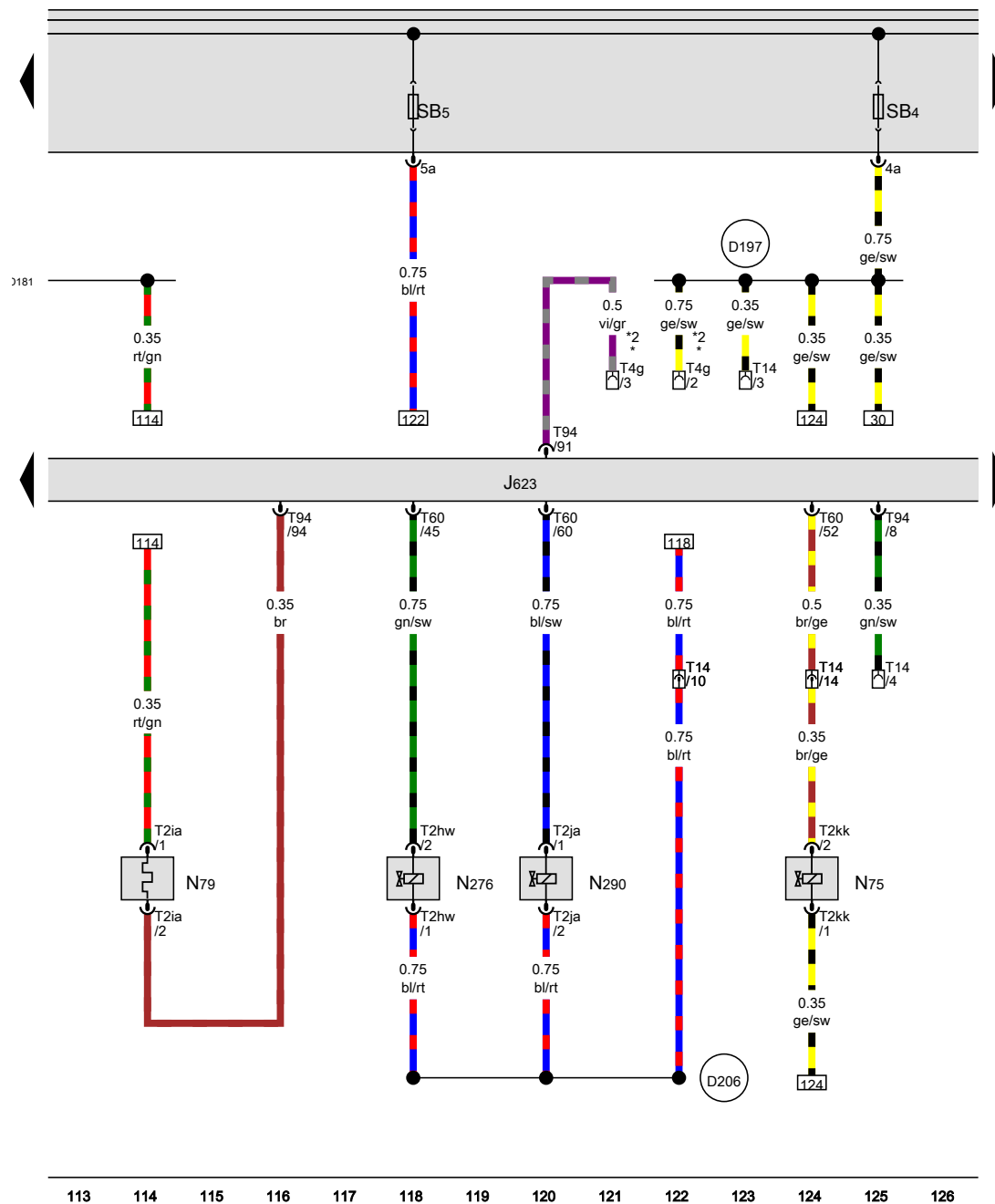
819 Earth connection 12, in engine compartment wiring harness

(D181) Connection 2 (87a) in engine compartment wiring harness

- * gradual introduction

*2 Gradually discontinued

ws = white
sw = black
ro = red
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or = orange
rs = pink



Engine control unit, Charge pressure control solenoid valve, Heater element for crankcase breather, Fuel pressure regulating valve, Fuel metering valve

- J623 Engine control unit
- N75 Charge pressure control solenoid valve
- N79 Heater element for crankcase breather
- N276 Fuel pressure regulating valve
- N290 Fuel metering valve
- SB4 Fuse 4 on fuse holder B
- SB5 Fuse 5 on fuse holder B
- T2hw 2-pin connector
- T2ia 2-pin connector
- T2ja 2-pin connector
- T2kk 2-pin connector
- T4g 4-pin connector
- T14 14-pin connector
- T60 60-pin connector
- T94 94-pin connector

D181 Connection 2 (87a) in engine compartment wiring harness

D197 Connection 5 (87a) in engine compartment wiring harness

D206 Connection 4 (87a) in engine prewiring harness

- * Radiator fan connection
- *2 see applicable current flow diagram for radiator fan

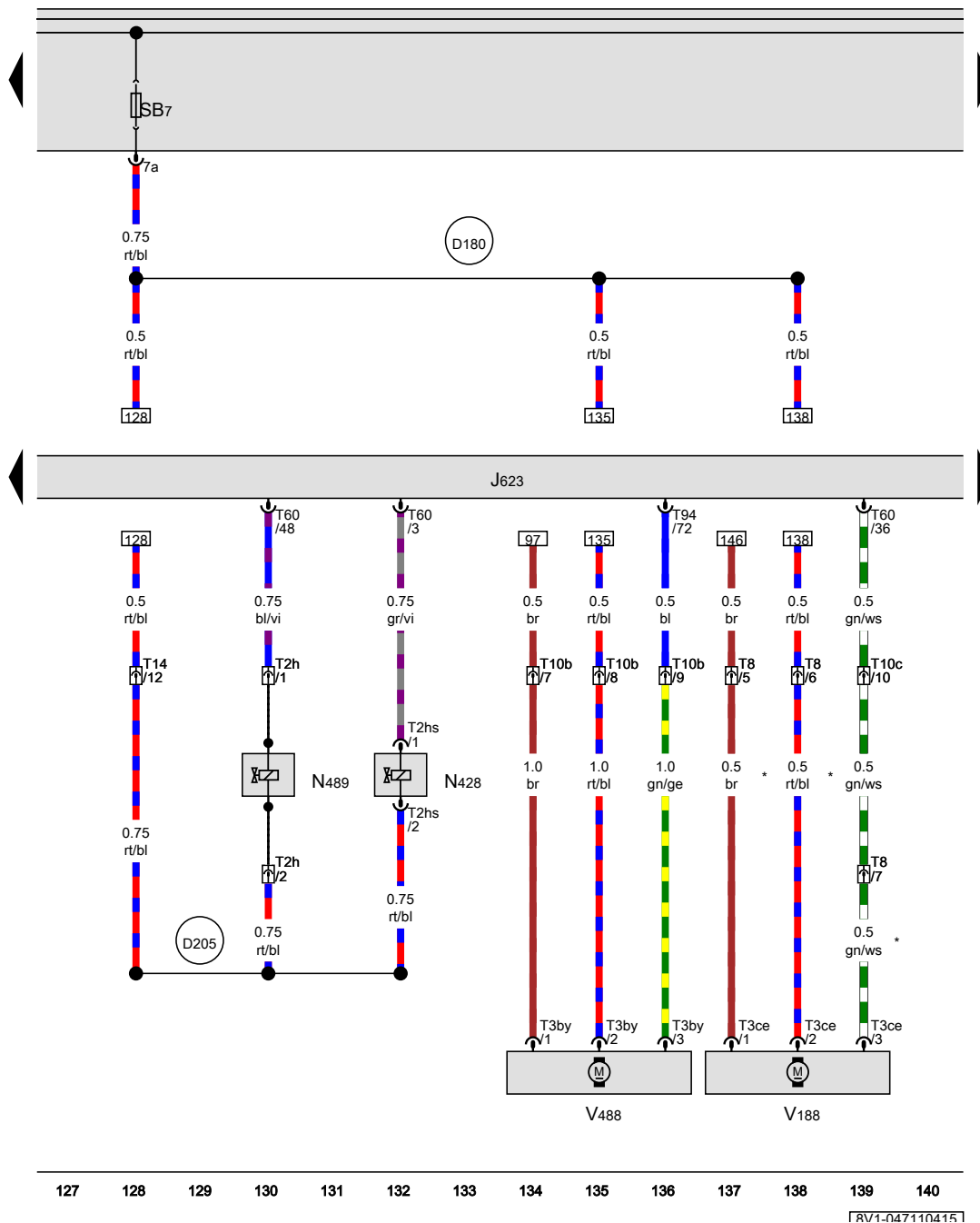
Engine control unit, Valve for oil pressure control, Coolant valve for cylinder head, Charge air cooling pump, Auxiliary pump for heating

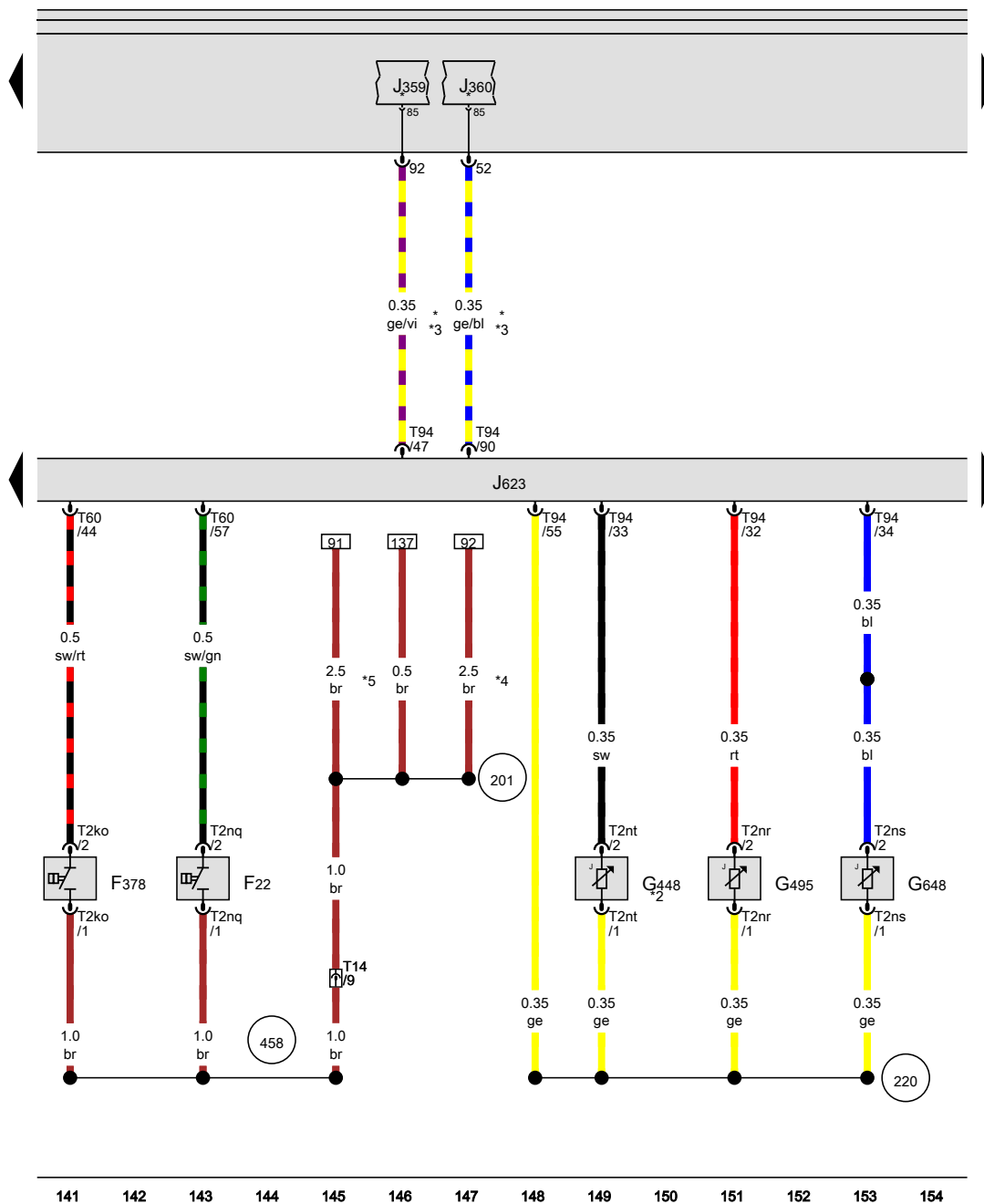
- J623 Engine control unit
- N428 Valve for oil pressure control
- N489 Coolant valve for cylinder head
- SB7 Fuse 7 on fuse holder B
- T2h 2-pin connector
- T2hs 2-pin connector
- T3by 3-pin connector
- T3ce 3-pin connector
- T8 8-pin connector
- T10b 10-pin connector
- T10c 10-pin connector
- T14 14-pin connector, near front left longitudinal member
- T60 60-pin connector
- T94 94-pin connector
- V188 Charge air cooling pump
- V488 Auxiliary pump for heating

D180 Connection (87a), in engine compartment wiring harness

D205 Connection 3 (87a) in engine prewiring harness

* Wiring colour depends on equipment





Oil pressure switch, Oil pressure switch for reduced oil pressure, Exhaust gas temperature sender 2, Exhaust gas temperature sender 3, Exhaust gas temperature sender 4, Low heat output relay, High heat output relay, Engine control unit

- F22 Oil pressure switch
- F378 Oil pressure switch for reduced oil pressure
- G448 Exhaust gas temperature sender 2
- G495 Exhaust gas temperature sender 3
- G648 Exhaust gas temperature sender 4
- J359 Low heat output relay
- J360 High heat output relay
- J623 Engine control unit
- T2ko 2-pin connector
- T2nq 2-pin connector
- T2nr 2-pin connector
- T2ns 2-pin connector
- T2nt 2-pin connector
- T14 14-pin connector
- T60 60-pin connector
- T94 94-pin connector

201 Earth connection 5, in engine compartment wiring harness

220 Earth connection (sender earth), in engine wiring harness

458 Earth point 3, engine prewiring harness

- * Only models with auxiliary air heater
- *2 If fitted
- *3 see applicable current flow diagram
- *4 gradual introduction
- *5 Gradually discontinued

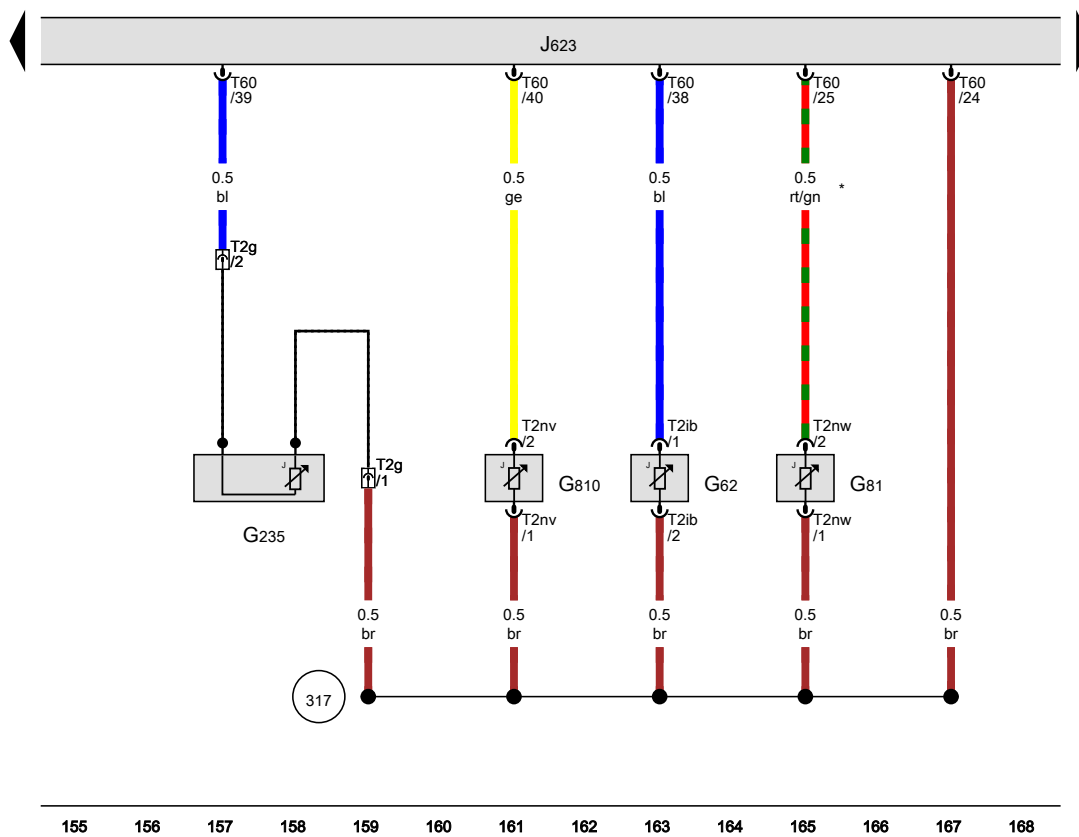
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sw = black
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bl = blue
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li = purple
vi = purple
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or = orange
rs = pink

Coolant temperature sender, Fuel temperature sender, Exhaust gas temperature sender 1, Charge air temperature sender before charge air cooler, Engine control unit

- G62 Coolant temperature sender
- G81 Fuel temperature sender
- G235 Exhaust gas temperature sender 1
- G810 Charge air temperature sender before charge air cooler
- J623 Engine control unit
- T2g 2-pin connector
- T2ib 2-pin connector
- T2nv 2-pin connector
- T2nw 2-pin connector
- T60 60-pin connector

317 Earth connection 7, in engine compartment wiring harness

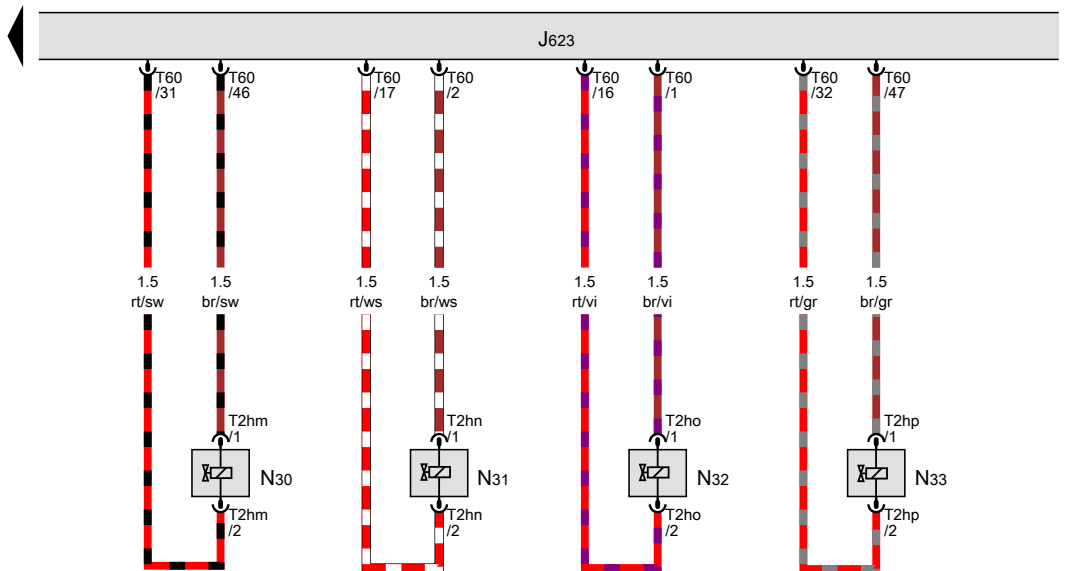
* Wiring colour depends on equipment



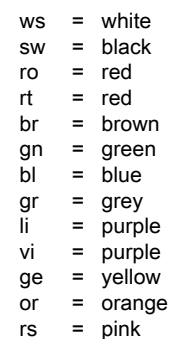
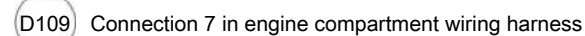
[8V1-047130415]

Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

- J623 Engine control unit
- N30 Injector, cylinder 1
- N31 Injector, cylinder 2
- N32 Injector, cylinder 3
- N33 Injector, cylinder 4
- T2hm 2-pin connector
- T2hn 2-pin connector
- T2ho 2-pin connector
- T2hp 2-pin connector
- T60 60-pin connector



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- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
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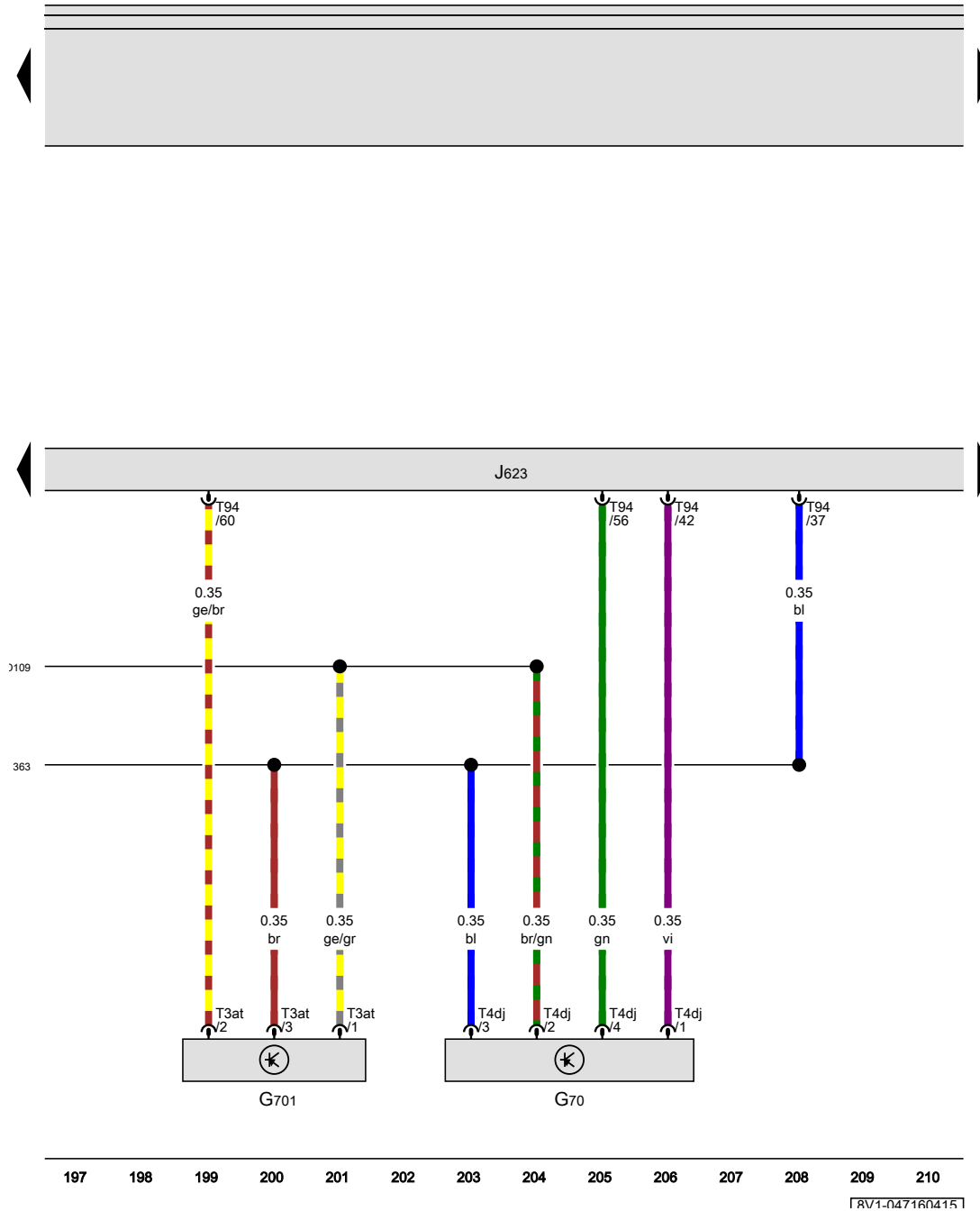


Air mass meter, Gearbox neutral position sender, Engine control unit

- G70 Air mass meter
- G701 Gearbox neutral position sender
- J623 Engine control unit
- T3at 3-pin connector
- T4dj 4-pin connector
- T94 94-pin connector

363 Earth connection 8, in engine compartment wiring harness

D109 Connection 7 in engine compartment wiring harness



Hall sender, Fuel pressure sender, Position sender for charge pressure positioner, Engine control unit

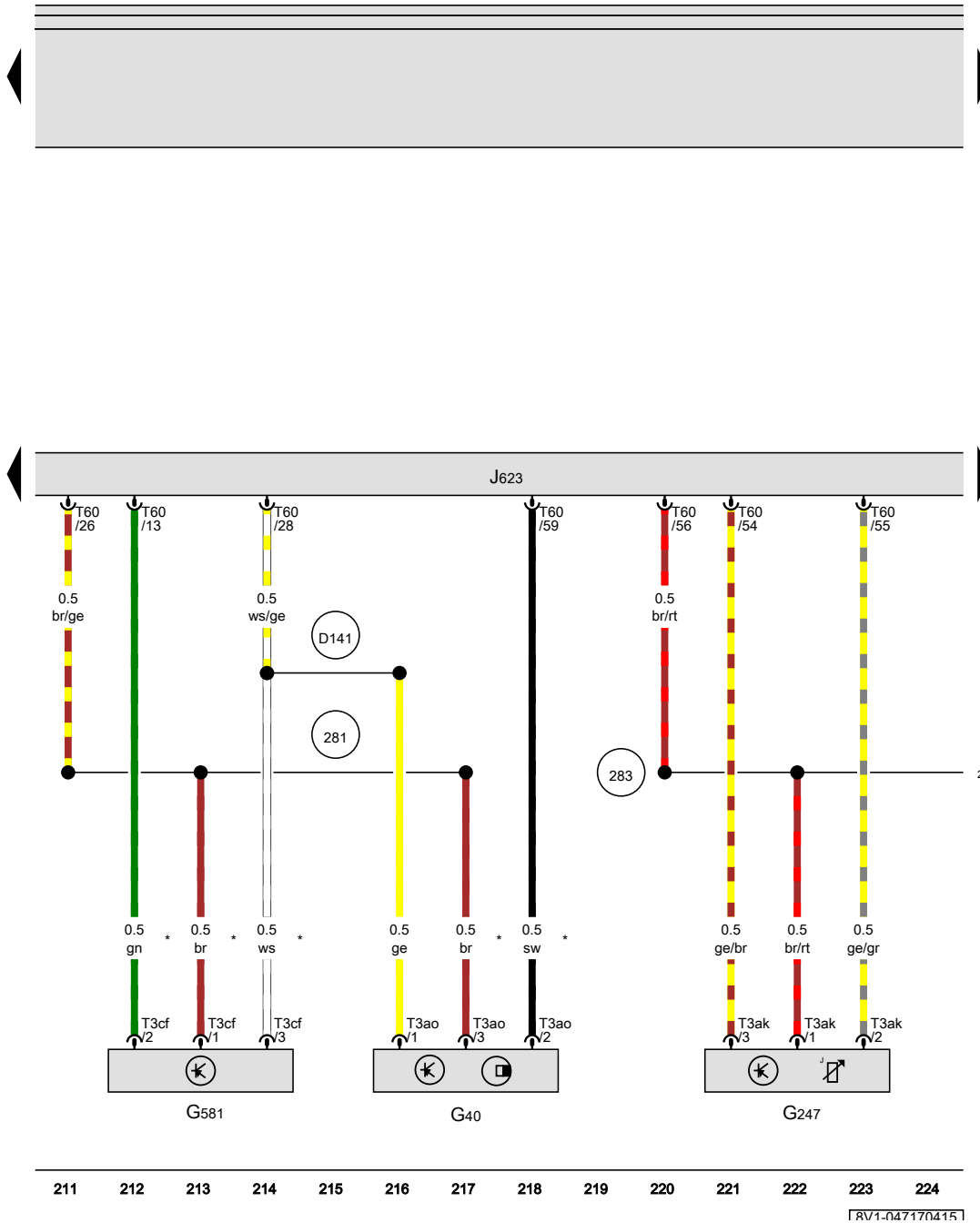
- G40 Hall sender
- G247 Fuel pressure sender
- G581 Position sender for charge pressure positioner
- J623 Engine control unit
- T3ak 3-pin connector
- T3ao 3-pin connector
- T3cf 3-pin connector
- T60 60-pin connector

281 Earth point 1, engine prewiring harness

283 Earth point 2, engine prewiring harness

D141 Connection (5V) in engine prewiring harness

* Wiring colour depends on equipment



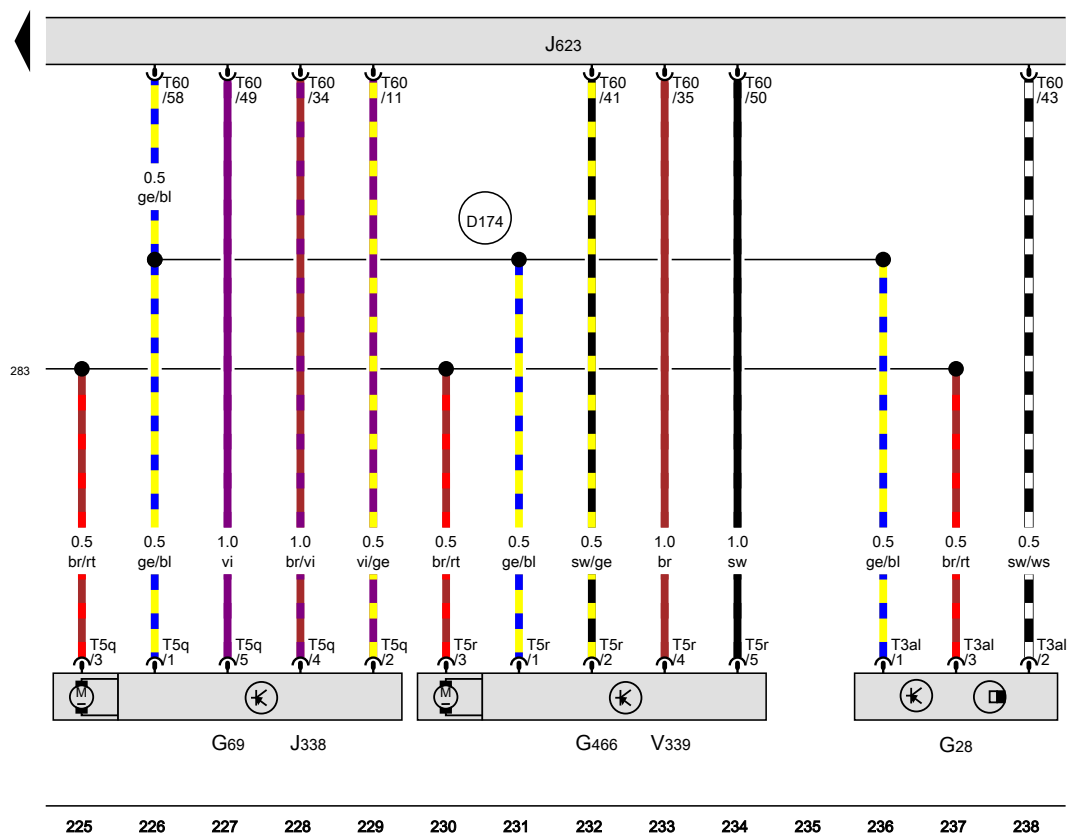
18V1-0471704151

Engine speed sender, Throttle valve potentiometer, Exhaust gas recirculation potentiometer 2, Throttle valve module, Engine control unit, Exhaust gas recirculation control motor 2

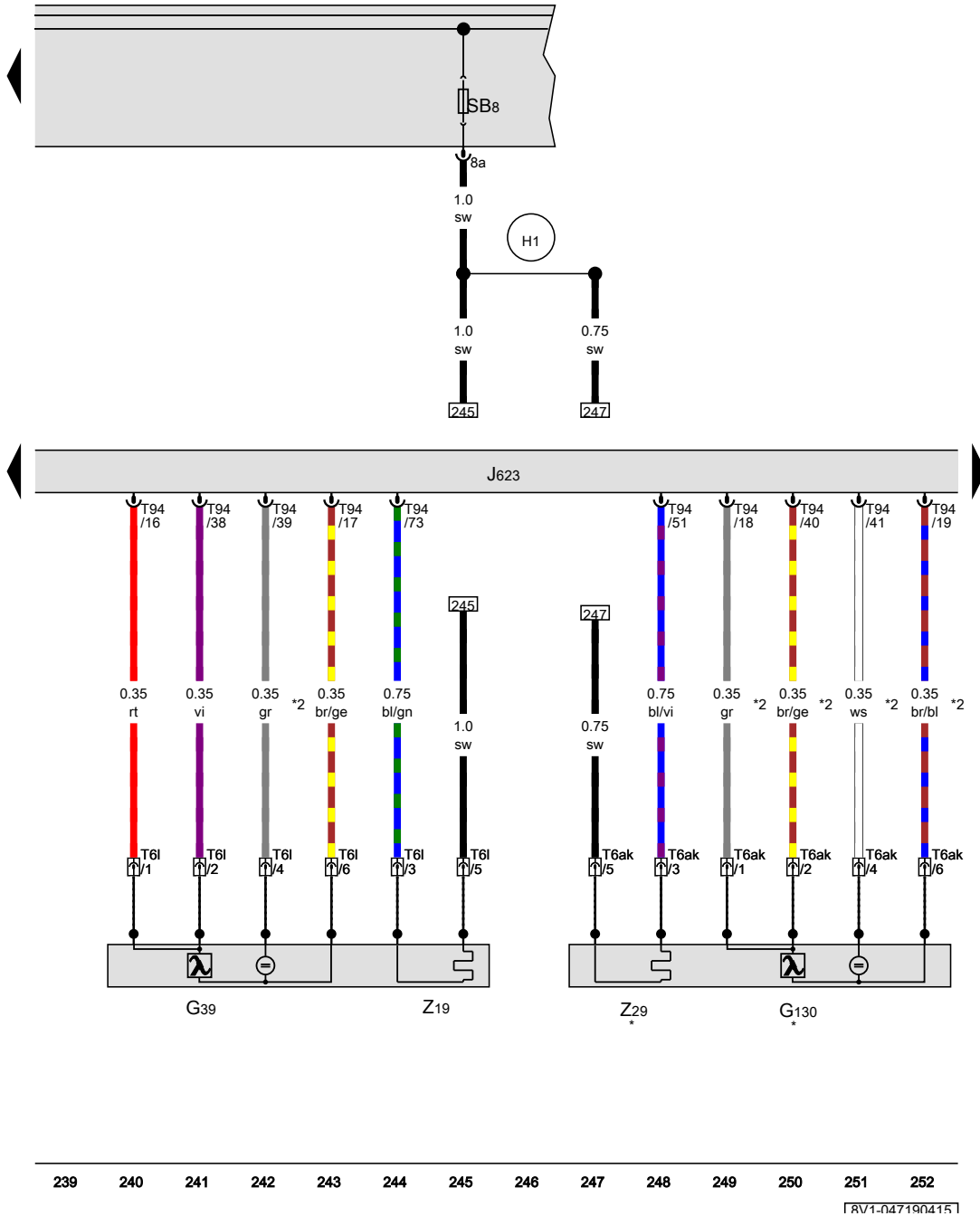
- G28 Engine speed sender
- G69 Throttle valve potentiometer
- G466 Exhaust gas recirculation potentiometer 2
- J338 Throttle valve module
- J623 Engine control unit
- T3al 3-pin connector
- T5q 5-pin connector
- T5r 5-pin connector
- T60 60-pin connector
- V339 Exhaust gas recirculation control motor 2

283 Earth point 2, engine prewiring harness

D174 Connection 2 (5V) in engine prewiring harness



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- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



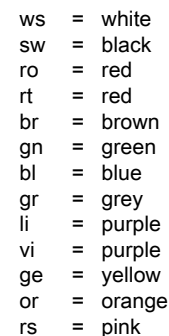
Lambda probe, Lambda probe after catalytic converter, Engine control unit, Fuse 8 on fuse holder B, Lambda probe heater, Lambda probe 1 heater after catalytic converter

- G39 Lambda probe
- G130 Lambda probe after catalytic converter
- J623 Engine control unit
- SB8 Fuse 8 on fuse holder B
- T6ak 6-pin connector
- T6l 6-pin connector
- T94 94-pin connector
- Z19 Lambda probe heater
- Z29 Lambda probe 1 heater after catalytic converter
- H1 Positive connection, in Lambda wiring harness
- * If fitted
- *2 Wiring colour depends on equipment

G31	Charge pressure sender
G79	Accelerator position sender
G185	Accelerator position sender 2
G450	Exhaust gas pressure sensor 1
G811	Charge air temperature sender after charge air cooler
J623	Engine control unit
T2ny	2-pin connector
T3ca	3-pin connector
T3cb	3-pin connector
T6k	6-pin connector
T10c	10-pin connector
T14	14-pin connector
T94	94-pin connector

(D108) Connection 6 in engine compartment wiring harness

*2 Wiring colour depends on equipment

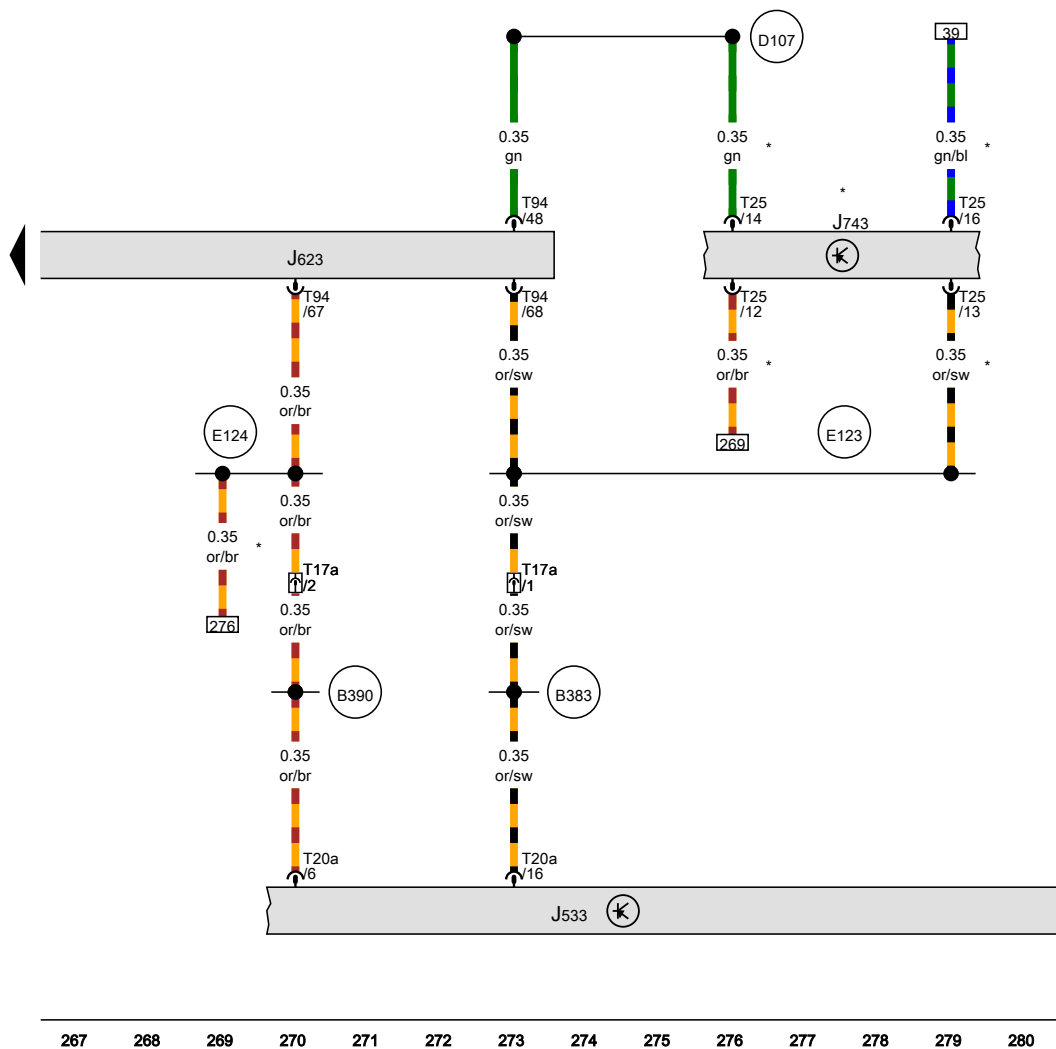


Data bus diagnostic interface, Engine control unit, Mechatronic unit for dual clutch gearbox

- J533 Data bus diagnostic interface
- J623 Engine control unit
- J743 Mechatronic unit for dual clutch gearbox
- T17a 17-pin connector
- T20a 20-pin connector
- T25 25-pin connector
- T94 94-pin connector

- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- D107 Connection 5 in engine compartment wiring harness
- E123 Connection 1 (powertrain CAN bus, high), in engine wiring harness
- E124 Connection 1 (powertrain CAN bus, low), in engine wiring harness

* Only models with dual clutch gearbox

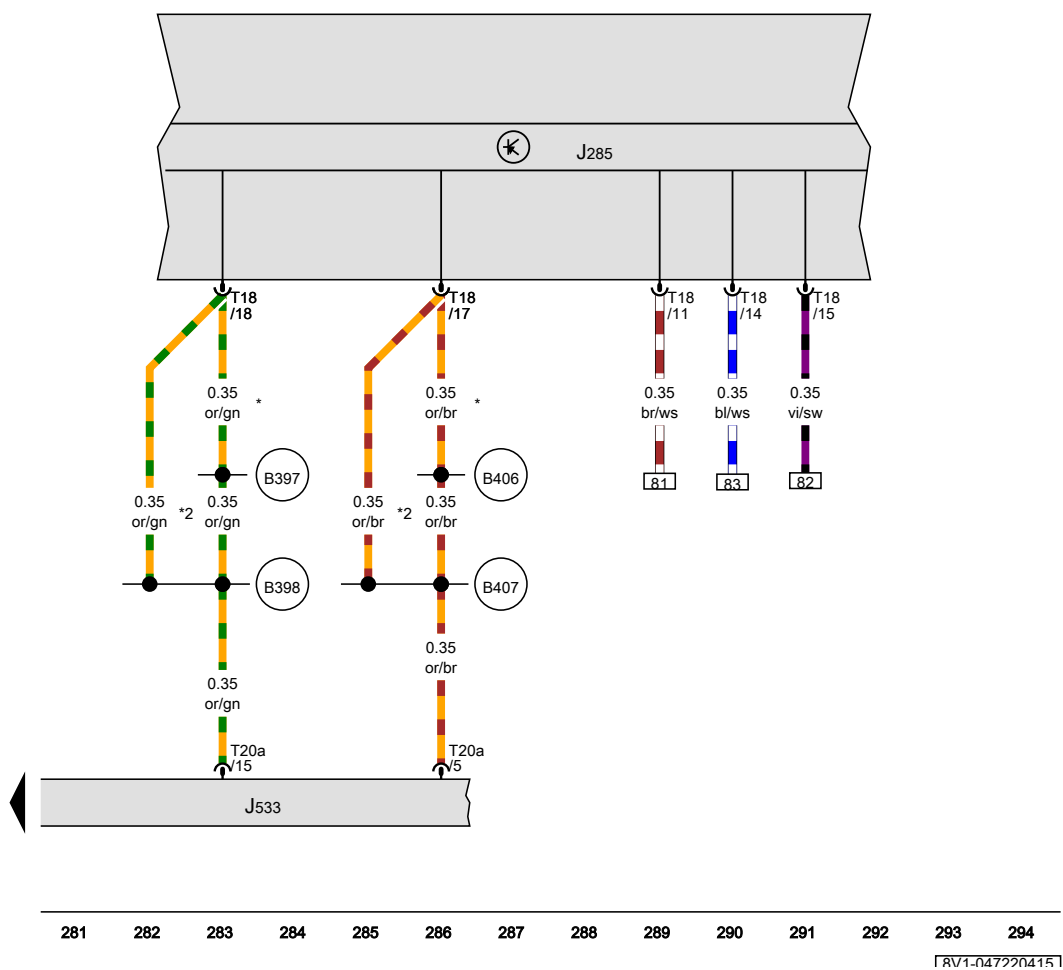


ws = white
 sw = black
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 vi = purple
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 or = orange
 rs = pink

18V1-0472104151

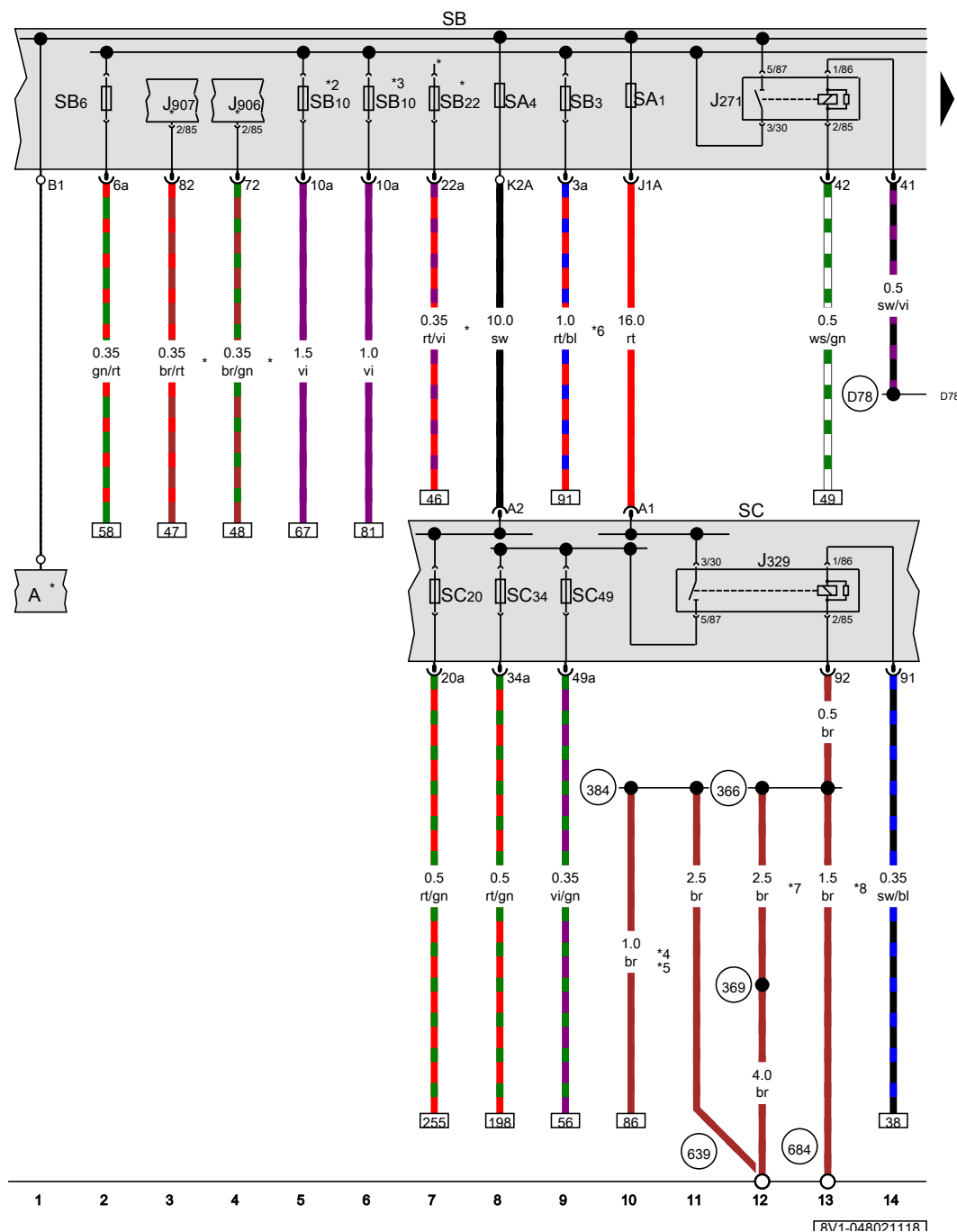
Control unit in dash panel insert, Data bus diagnostic interface

- J285 Control unit in dash panel insert
- J533 Data bus diagnostic interface
- T18 18-pin connector
- T20a 20-pin connector
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness
- * Only left-hand drive models
- *2 Only right-hand drive models



2.0l petrol engine , CHHB,CJXB,CJXC,CJXF,CNTC,CYFB

From October 2012



Main relay, Terminal 15 voltage supply relay, Fuse holder C

- A Battery
- J271 Main relay
- J329 Terminal 15 voltage supply relay
- J906 Starter relay 1
- J907 Starter relay 2
- SA1 Fuse 1 on fuse holder A
- SA4 Fuse 4 on fuse holder A
- SB Fuse holder B
- SB3 Fuse 3 on fuse holder B
- SB6 Fuse 6 on fuse holder B
- SB10 Fuse 10 on fuse holder B
- SB22 Fuse 22 on fuse holder B
- SC Fuse holder C
- SC20 Fuse 20 on fuse holder C
- SC34 Fuse 34 on fuse holder C
- SC49 Fuse 49 on fuse holder C

366 Earth connection 1, in main wiring harness

369 Earth connection 4, in main wiring harness

384 Earth connection 19, in main wiring harness

639 Earth point, left A-pillar

684 Earth point on front of left side member

D78 Positive connection 1 (30a), in engine compartment wiring harness

* see applicable current flow diagram for battery in engine compartment

*2 For models with front-wheel drive

*3 For models with all-wheel drive

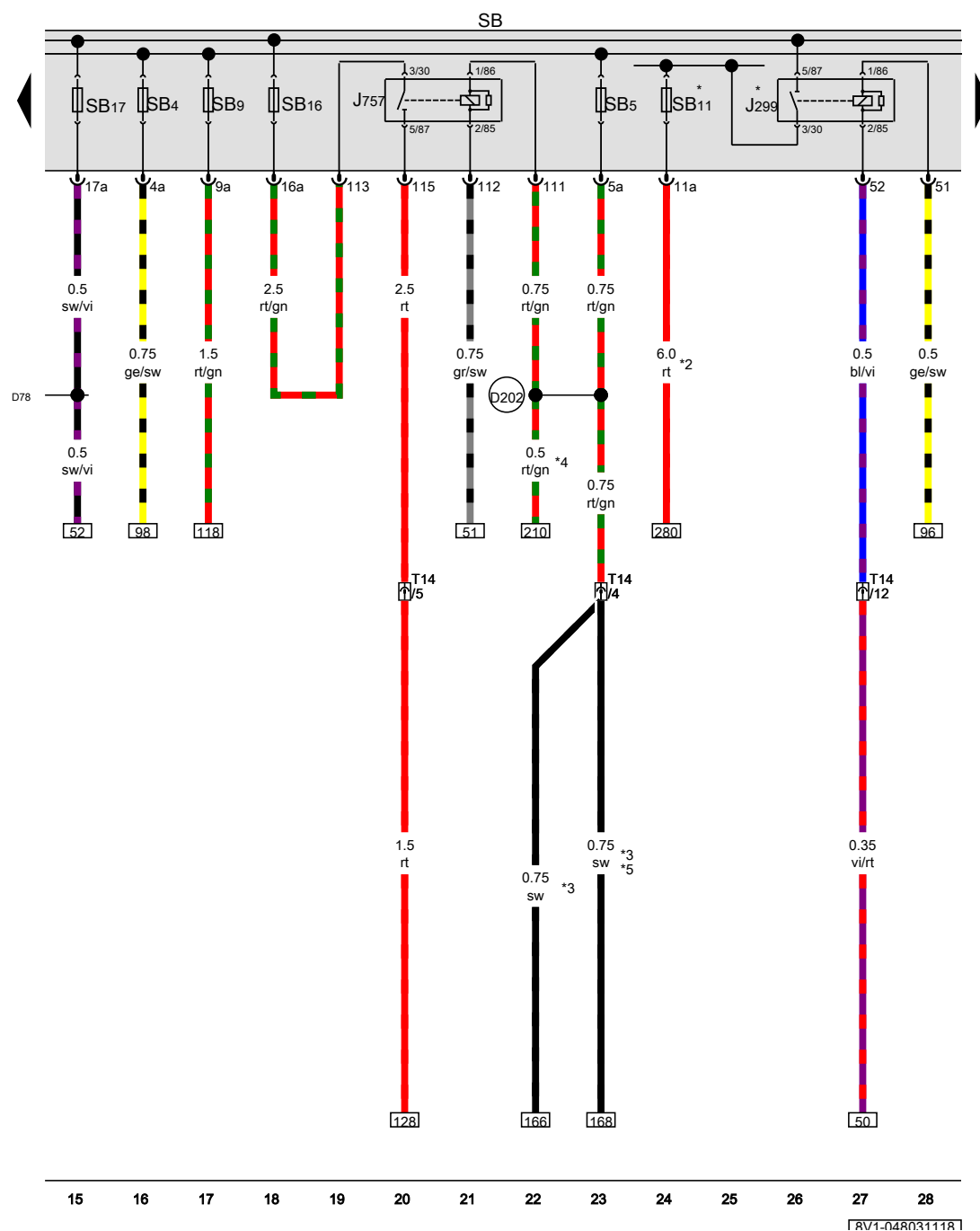
*4 For models with auxiliary heating

*5 For models with 4 doors

*6 Wiring colour depends on equipment

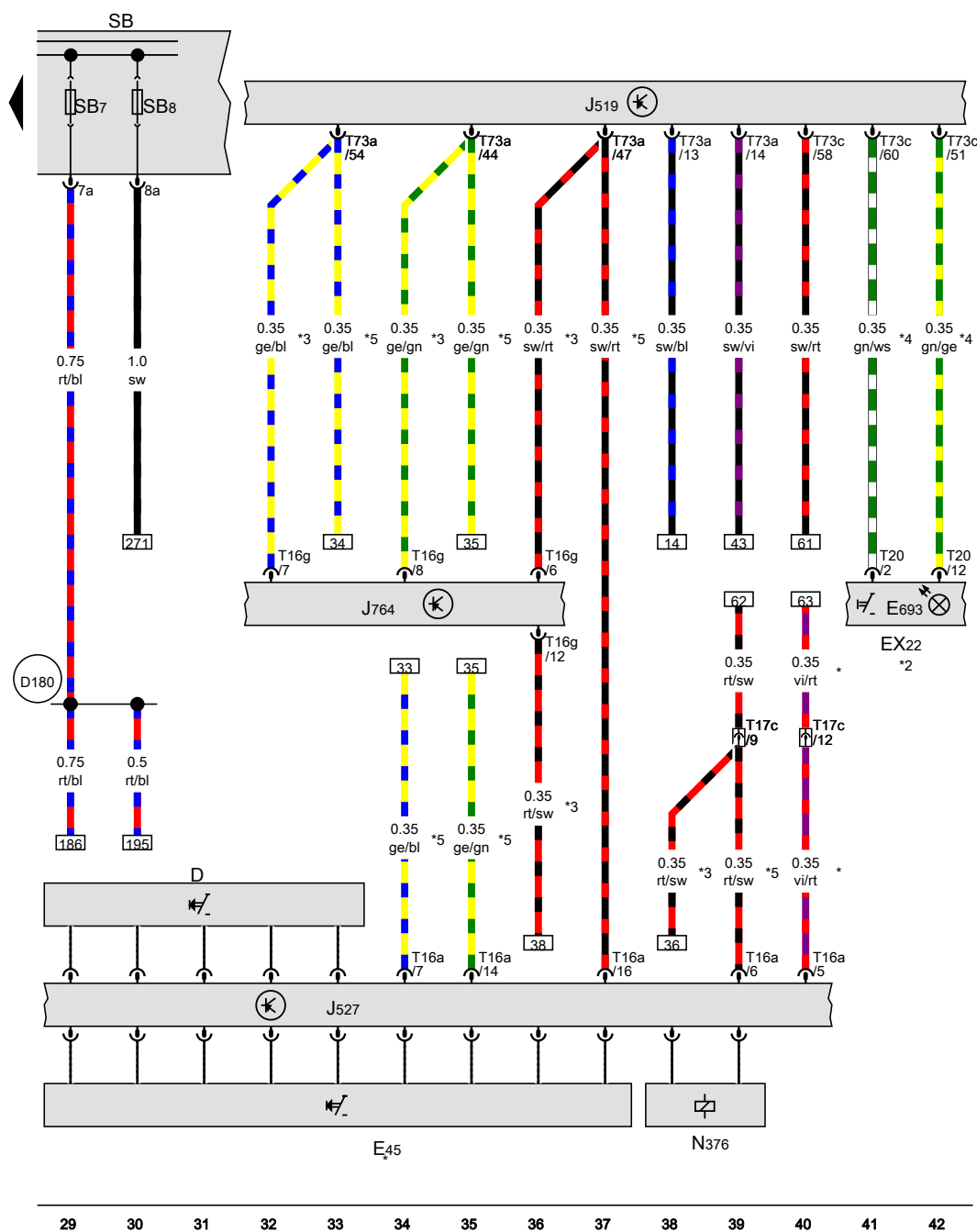
*7 For left-hand drive models

*8 For right-hand drive models



Secondary air pump relay, Engine component current supply relay

- J299 Secondary air pump relay
- J757 Engine component current supply relay
- SB Fuse holder B
- SB4 Fuse 4 on fuse holder B
- SB5 Fuse 5 on fuse holder B
- SB9 Fuse 9 on fuse holder B
- SB11 Fuse 11 on fuse holder B
- SB16 Fuse 16 on fuse holder B
- SB17 Fuse 17 on fuse holder B
- T14 14-pin connector
- D78 Positive connection 1 (30a), in engine compartment wiring harness
- D202 Connection 6 (87a), in engine compartment wiring harness
- * For models with US equipment
- *2 Cross section depends on equipment
- *3 According to equipment
- *4 Gradually discontinued
- *5 For models with no US equipment



Ignition/starter switch, Centre switch module in dash panel, Cruise control system switch, Onboard supply control unit, Steering column electronics control unit, Fuse 7 on fuse holder B, Fuse 8 on fuse holder B

- D Ignition/starter switch
- EX22 Centre switch module in dash panel
- E45 Cruise control system switch
- E693 Start/Stop operation button
- J519 Onboard supply control unit
- J527 Steering column electronics control unit
- J764 Control unit for electronic steering column lock
- N376 Ignition key withdrawal lock solenoid
- SB Fuse holder B
- SB7 Fuse 7 on fuse holder B
- SB8 Fuse 8 on fuse holder B
- T16a 16-pin connector
- T16g 16-pin connector
- T17c 17-pin connector
- T20 20-pin connector
- T73a 73-pin connector
- T73c 73-pin connector

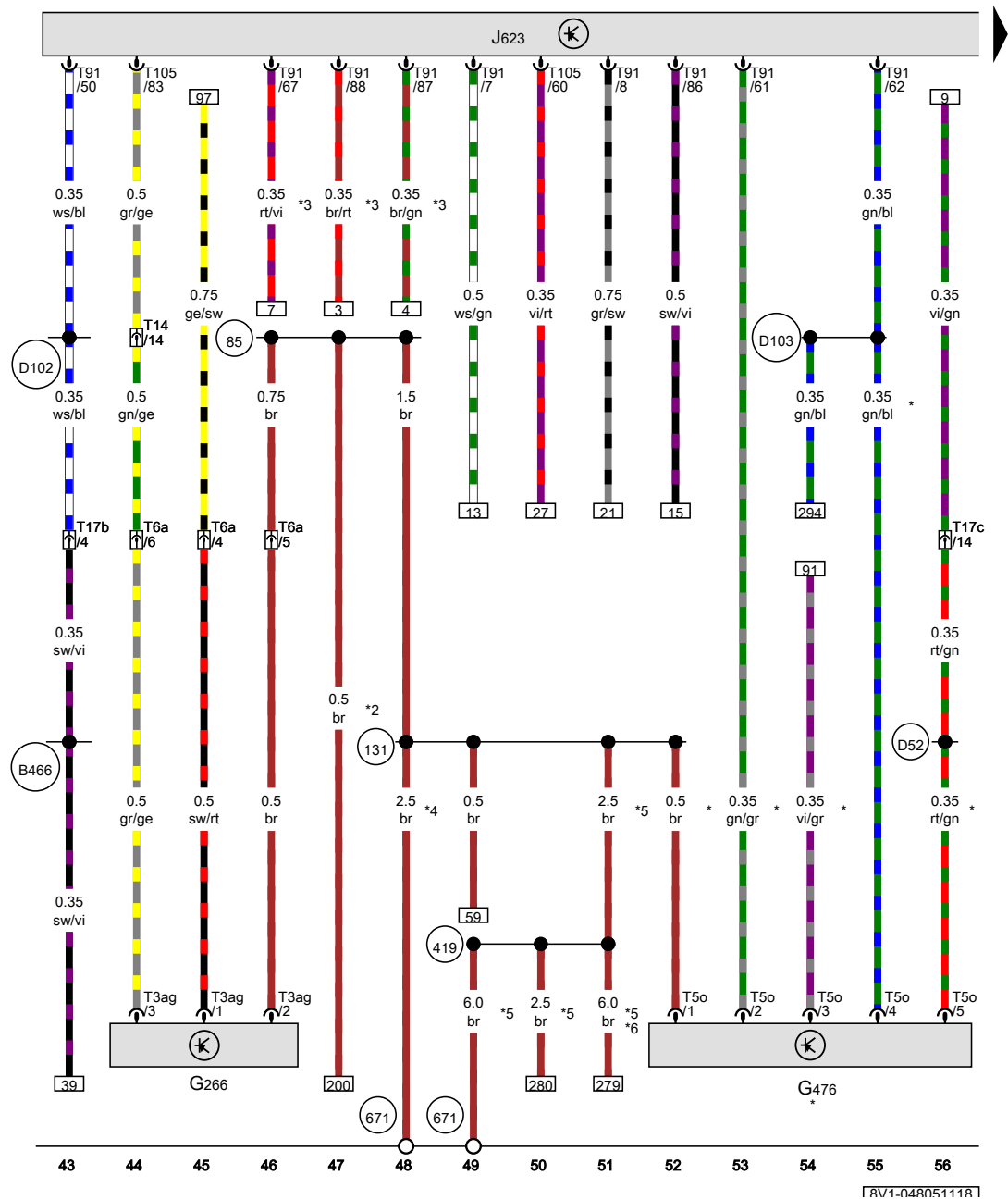
D180 Connection (87a), in engine compartment wiring harness

- * For models with cruise control system (CCS)
- *2 see applicable current flow diagram for battery in engine compartment
- *3 For models with entry and start authorisation
- *4 For models with start/stop system
- *5 For models with no entry and start authorisation

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

18V1-04R0411181

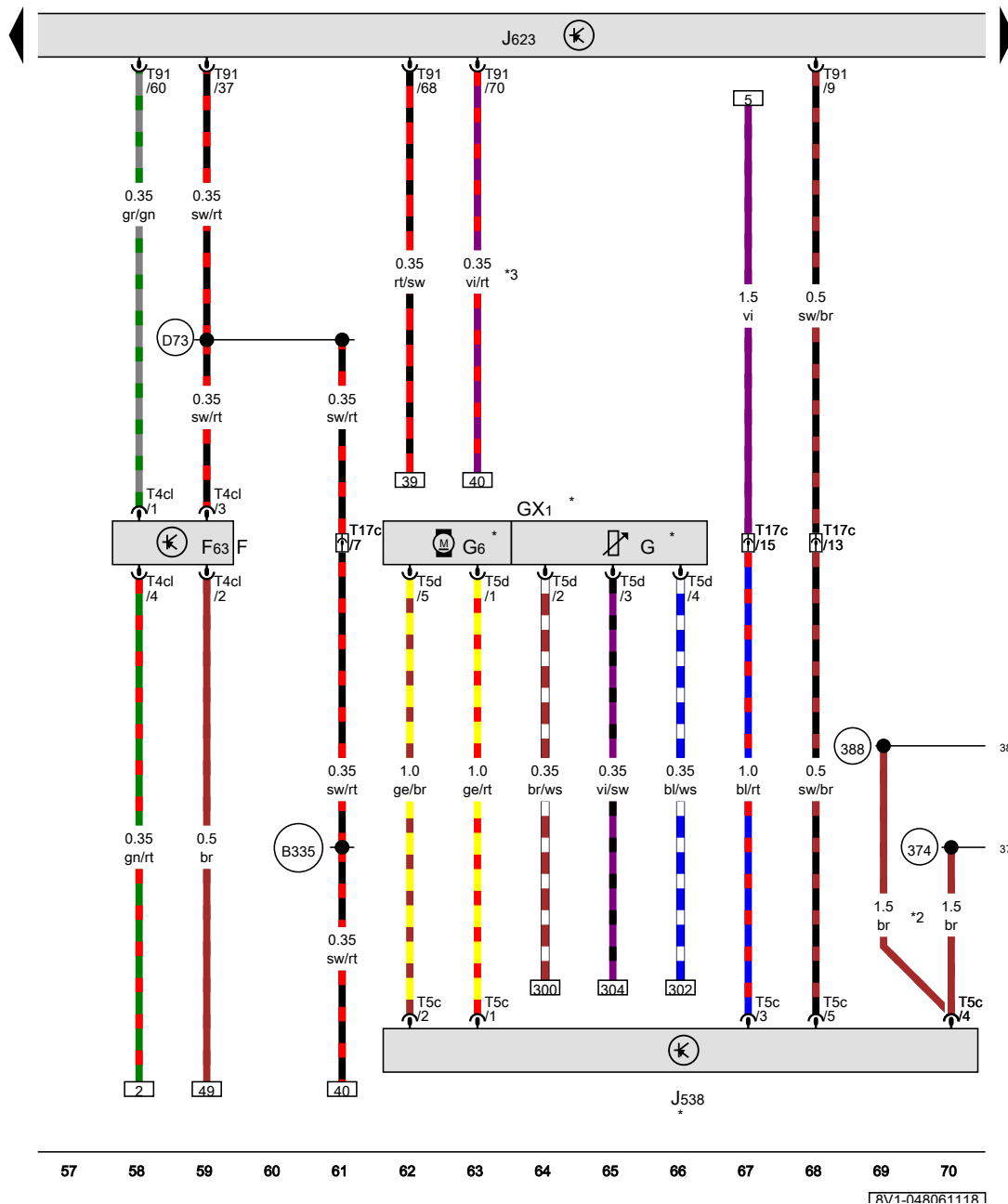
Oil level and oil temperature sender, Clutch position sender, Engine/motor control unit



- G266 Oil level and oil temperature sender
- G476 Clutch position sender
- J623 Engine/motor control unit
- T3ag 3-pin connector, black
- T5o 5-pin connector, black
- T6a 6-pin connector
- T14 14-pin connector, near front left longitudinal member
- T17b 17-pin connector
- T17c 17-pin connector
- T91 91-pin connector
- T105 105-pin connector
- 85 Earth connection 1, in engine compartment wiring harness
- 131 Earth connection 2, in engine compartment wiring harness
- 419 Earth connection 11, in engine compartment wiring harness
- 671 Earth point 1, on front of left longitudinal member
- B466 Connection 2, in main wiring harness
- D52 Positive connection (15a), in engine compartment wiring harness
- D102 Connection 2 in engine compartment wiring harness
- D103 Connection 3 in engine compartment wiring harness
- * For models with manual gearbox
- *2 For right-hand drive models
- *3 see applicable current flow diagram for battery in engine compartment
- *4 Gradually discontinued
- *5 gradual introduction
- *6 Cross section depends on equipment

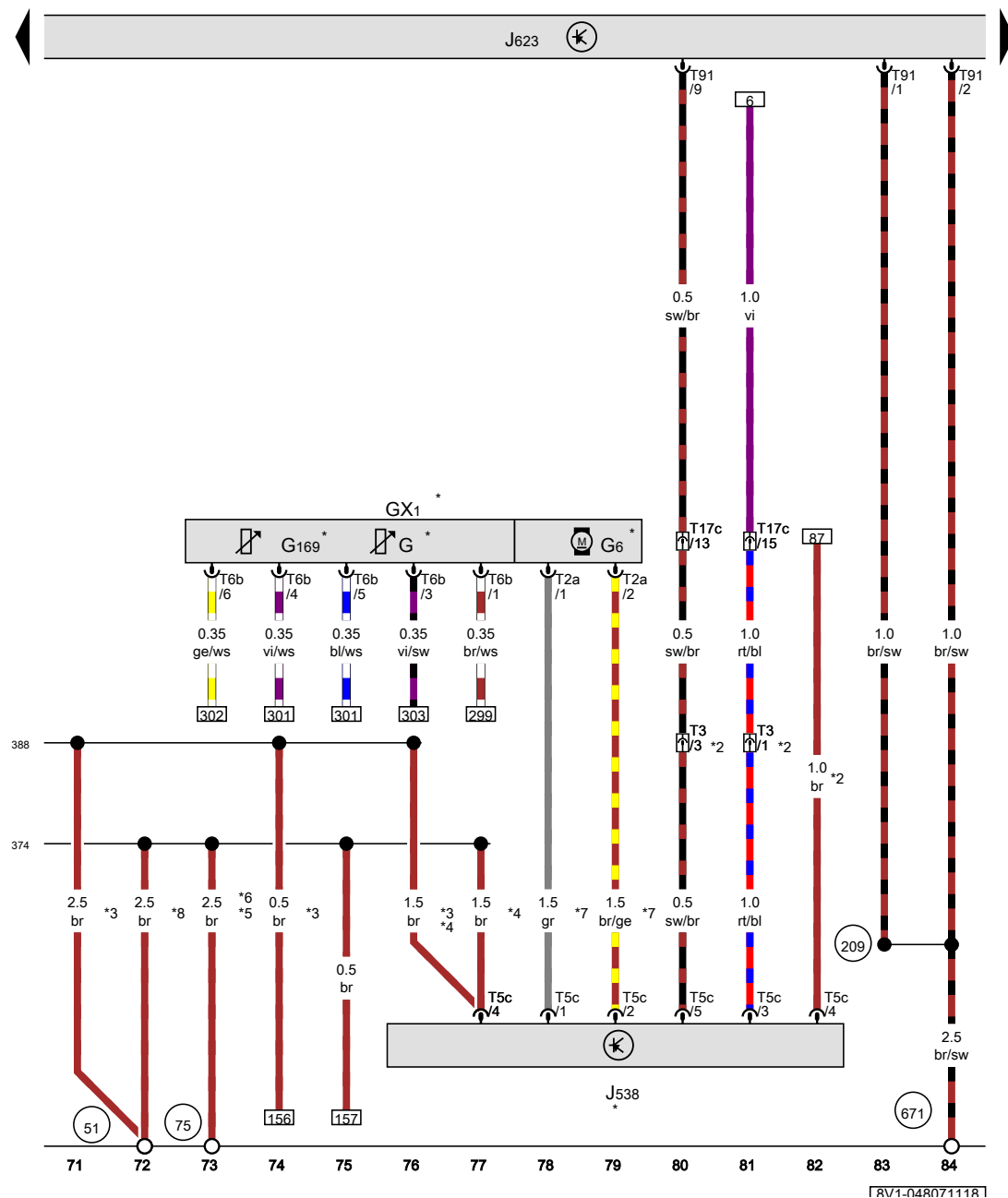
ws = white
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 vi = purple
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Brake light switch, Brake pedal switch, Fuel gauge sender, Fuel delivery unit, Engine/motor control unit



- F Brake light switch
- F63 Brake pedal switch
- G Fuel gauge sender
- GX1 Fuel delivery unit
- G6 Fuel system pressurisation pump
- J538 Fuel pump control unit
- J623 Engine/motor control unit
- T4cl 4-pin connector, black
- T5c 5-pin connector
- T5d 5-pin connector
- T17c 17-pin connector
- T91 91-pin connector

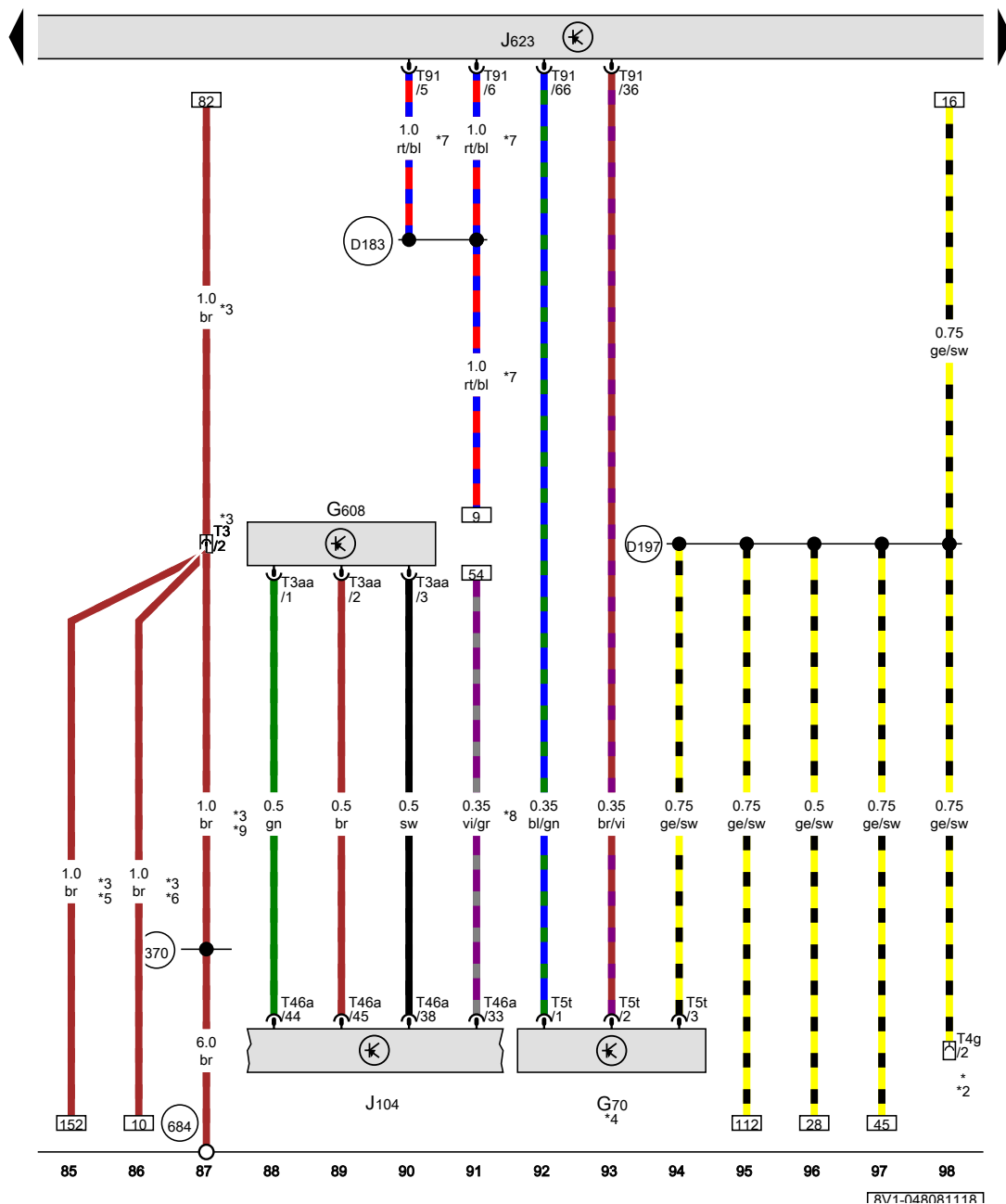
- 374 Earth connection 9, in main wiring harness
- 388 Earth connection 23, in main wiring harness
- B335 Connection 1 (54), in main wiring harness
- D73 Positive connection (54), in engine compartment wiring harness
- * For models with front-wheel drive
- *2 For Cabriolet models
- *3 For models with cruise control system (CCS)



Fuel gauge sender, Fuel delivery unit, Engine/motor control unit

- G Fuel gauge sender
- GX1 Fuel delivery unit
- G6 Fuel system pressurisation pump
- G169 Fuel gauge sender 2
- J538 Fuel pump control unit
- J623 Engine/motor control unit
- T2a 2-pin connector
- T3 3-pin connector
- T5c 5-pin connector
- T6b 6-pin connector
- T17c 17-pin connector
- T91 91-pin connector

- 51 Earth point, on right in luggage compartment
- 75 Earth point, rear right pillar
- 209 Earth connection 6, in engine compartment wiring harness
- 374 Earth connection 9, in main wiring harness
- 388 Earth connection 23, in main wiring harness
- 671 Earth point 1, on front of left longitudinal member
- * For models with all-wheel drive
- *2 For models with auxiliary heating
- *3 For Cabriolet models
- *4 For models with no auxiliary heater
- *5 For models with 3 doors
- *6 For models with 5 doors
- *7 Wiring colour depends on equipment
- *8 For models with 4 doors



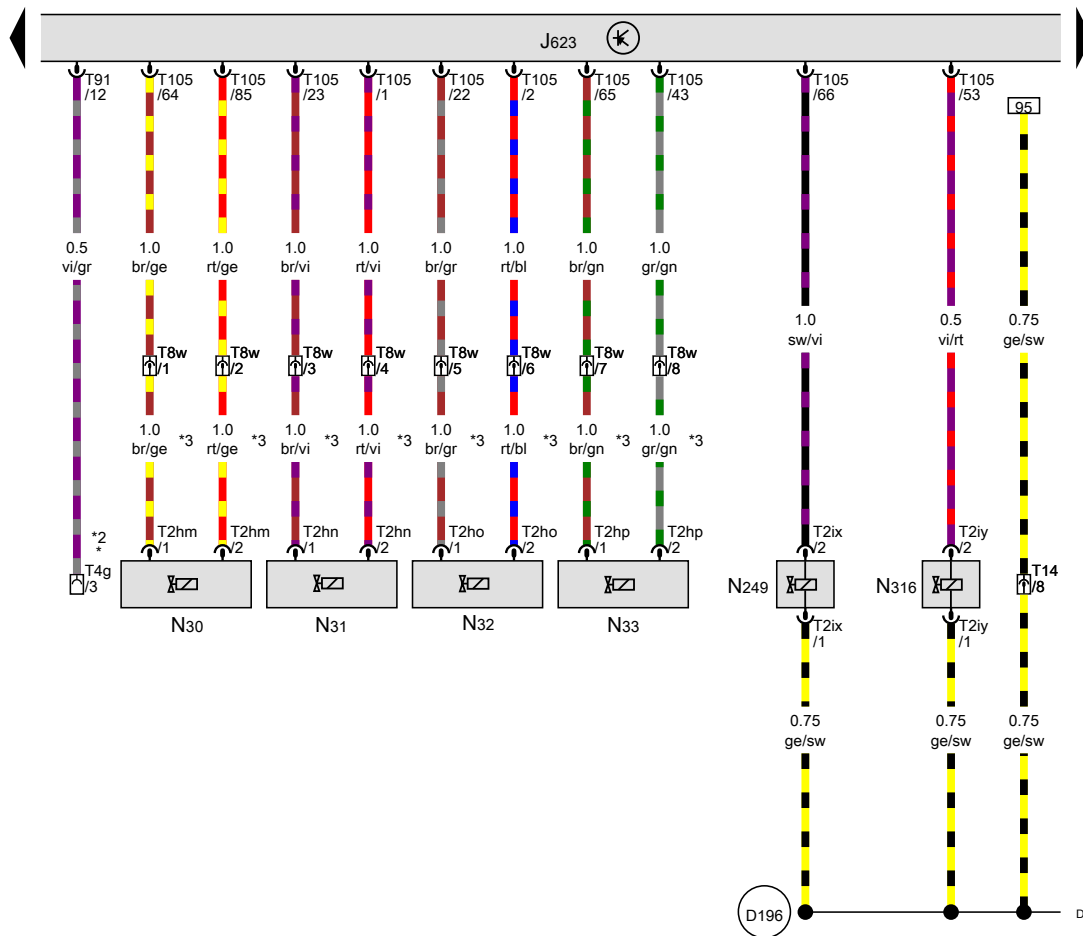
Vacuum sender, Engine/motor control unit

- G70 Air mass meter
- G608 Vacuum sender
- J104 ABS control unit
- J623 Engine/motor control unit
- T3 3-pin connector
- T3aa 3-pin connector, black
- T4g 4-pin connector
- T5t 5-pin connector
- T46a 46-pin connector, black
- T91 91-pin connector

- 370 Earth connection 5, in main wiring harness
- 684 Earth point on front of left side member
- D183 Connection 4 (87a), in engine compartment wiring harness
- D197 Connection 5 (87a), in engine compartment wiring harness

- * Radiator fan connection
- *2 see applicable current flow diagram for radiator fan
- *3 For models with auxiliary heating
- *4 Gradually discontinued
- *5 For models with 3 doors
- *6 For models with 4 doors
- *7 Wiring colour depends on equipment
- *8 For models with manual gearbox
- *9 For models with 5 doors

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- vi = purple
- ge = yellow
- or = orange
- rs = pink



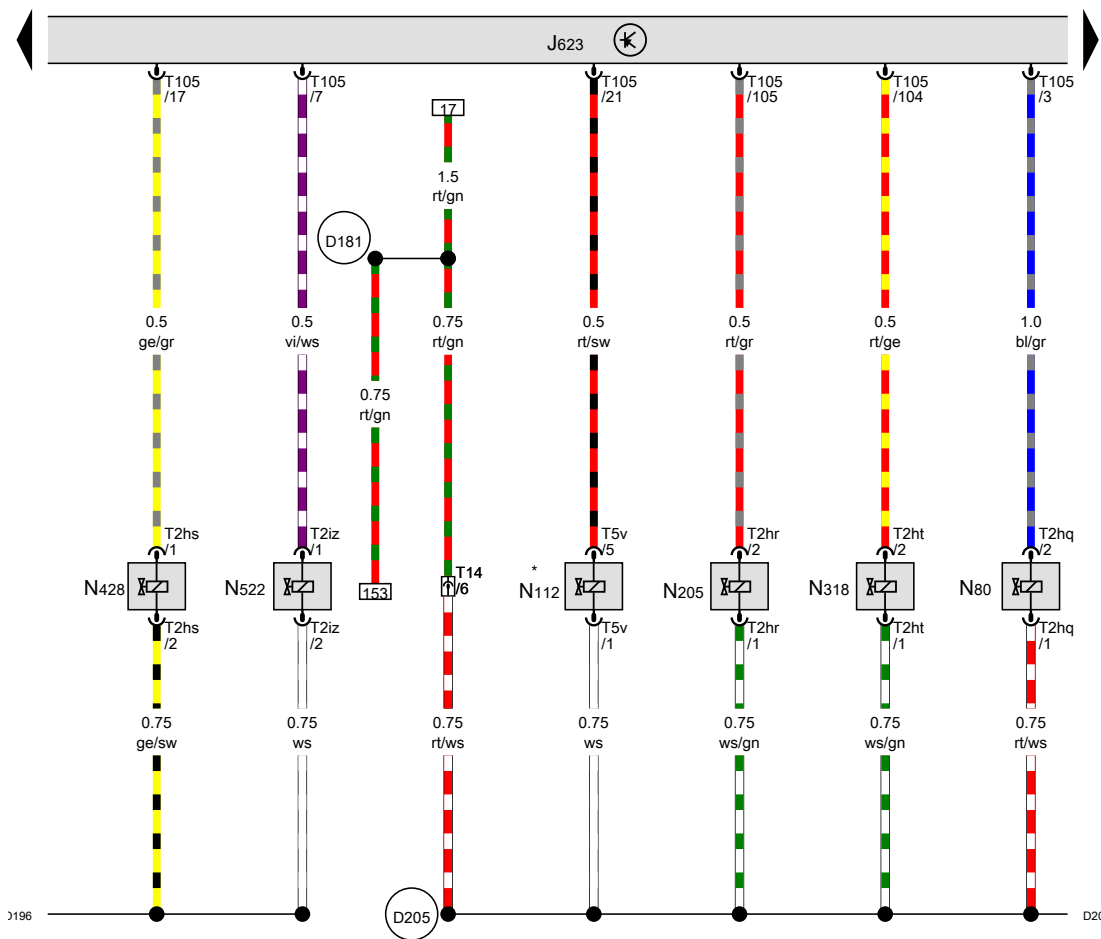
Engine/motor control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4, Turbocharger air recirculation valve, Intake manifold flap valve

- J623 Engine/motor control unit
- N30 Injector, cylinder 1
- N31 Injector, cylinder 2
- N32 Injector, cylinder 3
- N33 Injector, cylinder 4
- N249 Turbocharger air recirculation valve
- N316 Intake manifold flap valve
- T2hm 2-pin connector, black
- T2hn 2-pin connector, black
- T2ho 2-pin connector, black
- T2hp 2-pin connector, black
- T2ix 2-pin connector
- T2iy 2-pin connector
- T4g 4-pin connector
- T8w 8-pin connector
- T14 14-pin connector, near front left longitudinal member
- T91 91-pin connector
- T105 105-pin connector

D196 Connection 2 (87a) in engine prewiring harness

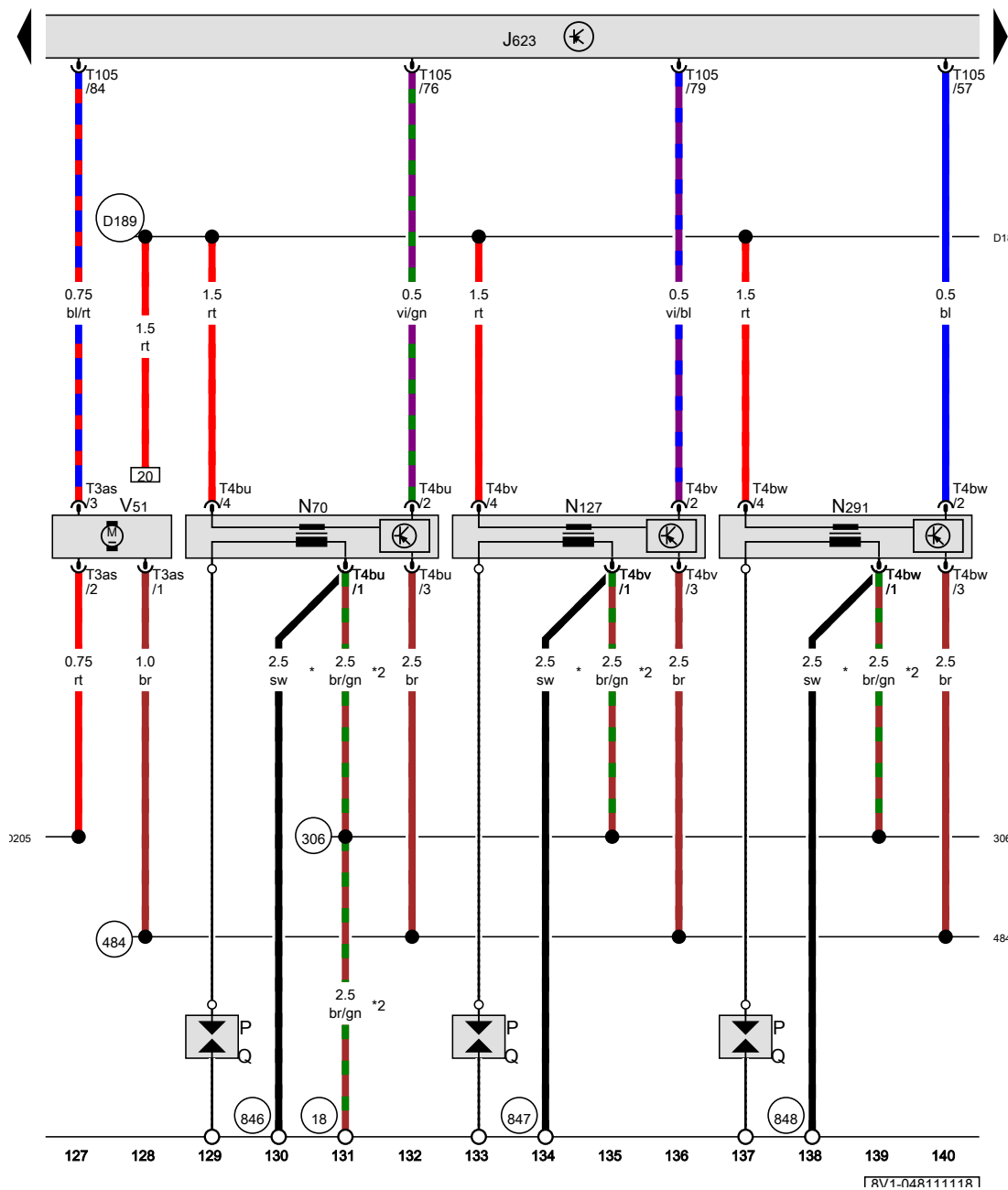
- * Radiator fan connection
- *2 see applicable current flow diagram for radiator fan
- *3 Wiring colour depends on equipment

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



Engine/motor control unit, Activated charcoal filter solenoid valve 1, Secondary air inlet valve, Camshaft control valve 1, Exhaust camshaft control valve 1, Valve for oil pressure control, Piston cooling jet control valve

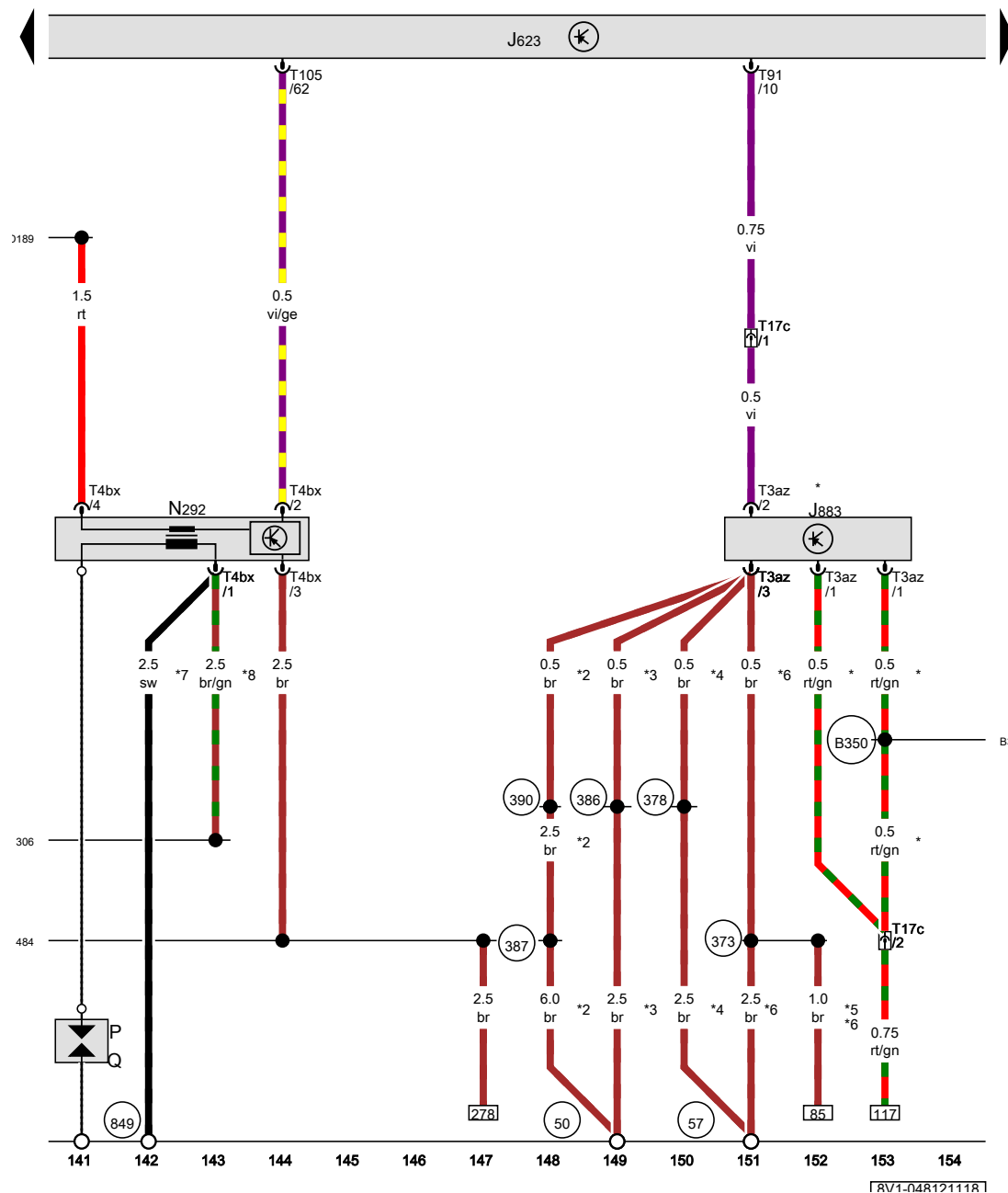
- J623 Engine/motor control unit
- N80 Activated charcoal filter solenoid valve 1
- N112 Secondary air inlet valve
- N205 Camshaft control valve 1
- N318 Exhaust camshaft control valve 1
- N428 Valve for oil pressure control
- N522 Piston cooling jet control valve
- T2hq 2-pin connector, black
- T2hr 2-pin connector, black
- T2hs 2-pin connector, black
- T2ht 2-pin connector, black
- T2iz 2-pin connector
- T5v 5-pin connector
- T14 14-pin connector, near front left longitudinal member
- T105 105-pin connector
- D181 Connection 2 (87a), in engine compartment wiring harness
- D196 Connection 2 (87a) in engine prewiring harness
- D205 Connection 3 (87a) in engine prewiring harness
- * For models with US equipment



Engine/motor control unit, Ignition coil 1 with output stage, Ignition coil 2 with output stage, Ignition coil 3 with output stage, Continued coolant circulation pump

- J623 Engine/motor control unit
- N70 Ignition coil 1 with output stage
- N127 Ignition coil 2 with output stage
- N291 Ignition coil 3 with output stage
- P Spark plug connector
- Q Spark plugs
- T3as 3-pin connector, black
- T4bu 4-pin connector, black
- T4bv 4-pin connector, black
- T4bw 4-pin connector, black
- T105 105-pin connector
- V51 Continued coolant circulation pump

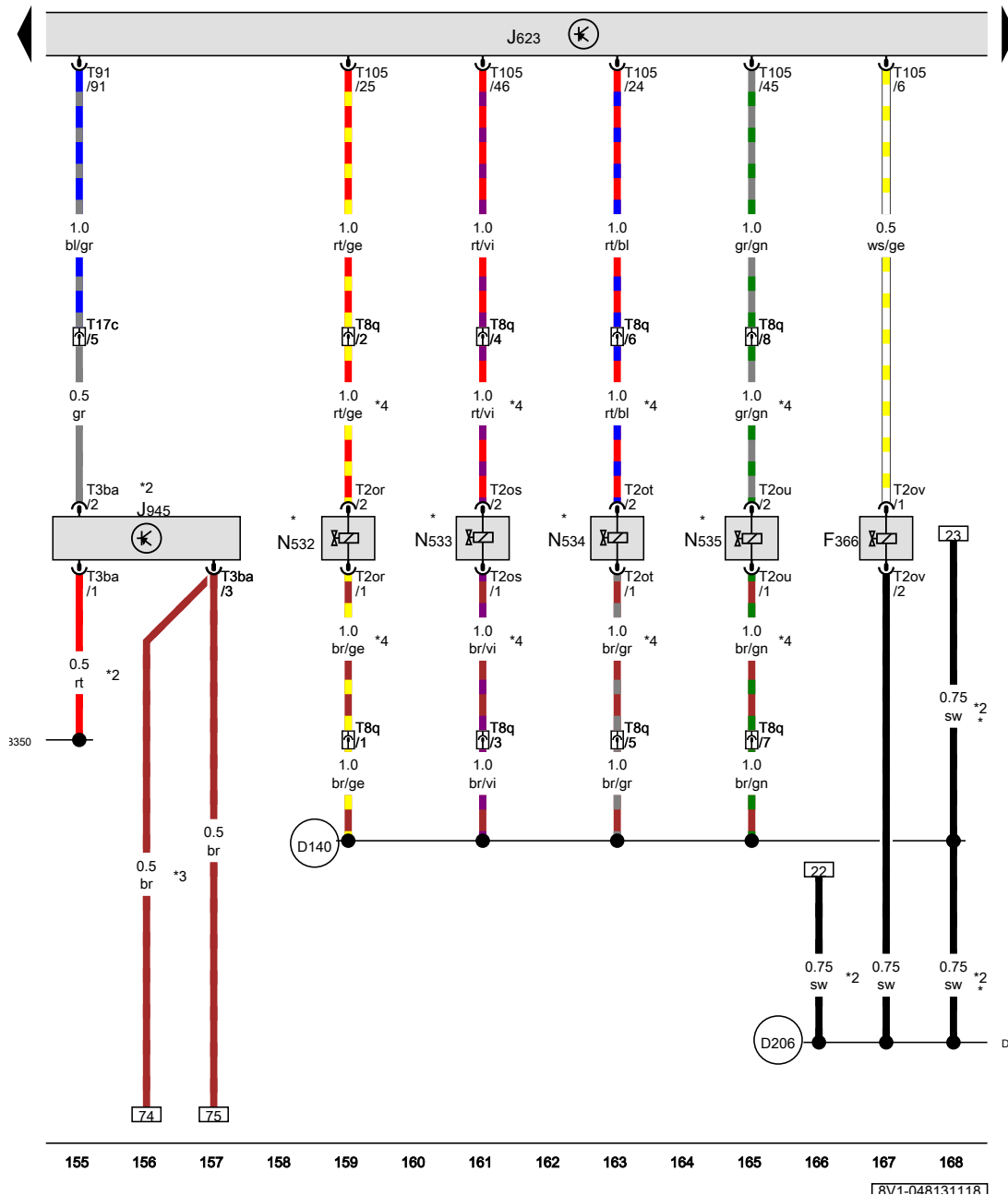
- 18 Earth point, on cylinder block
- 306 Earth connection (ignition coils), in engine prewiring harness
- 484 Earth connection 2 (ignition coils), in engine prewiring harness
- 846 Earth point on ignition coil 1
- 847 Earth point on ignition coil 2
- 848 Earth point on ignition coil 3
- D189 Connection (87a) in engine prewiring harness
- D205 Connection 3 (87a) in engine prewiring harness
- * gradual introduction
- *2 Gradually discontinued



Engine/motor control unit, Ignition coil 4 with output stage

- J623 Engine/motor control unit
- J883 Exhaust flap control unit
- N292 Ignition coil 4 with output stage
- P Spark plug connector
- Q Spark plugs
- T3az 3-pin connector
- T4bx 4-pin connector, black
- T17c 17-pin connector
- T91 91-pin connector
- T105 105-pin connector

- 50 Earth point, on left in luggage compartment
- 57 Earth point, rear left pillar
- 306 Earth connection (ignition coils), in engine prewiring harness
- 373 Earth connection 8, in main wiring harness
- 378 Earth connection 13, in main wiring harness
- 386 Earth connection 21, in main wiring harness
- 387 Earth connection 22, in main wiring harness
- 390 Earth connection 25, in main wiring harness
- 484 Earth connection 2 (ignition coils), in engine prewiring harness
- 849 Earth point on ignition coil 4
- B350 Positive connection 1 (87a) in main wiring harness
- D189 Connection (87a) in engine prewiring harness



Cam adjustment actuator 1, Engine/motor control unit, Injector 2, cylinder 1, Injector 2, cylinder 2, Injector 2, cylinder 3, Injector 2, cylinder 4

- F366 Cam adjustment actuator 1
- J623 Engine/motor control unit
- J945 Exhaust flap control unit 2
- N532 Injector 2, cylinder 1
- N533 Injector 2, cylinder 2
- N534 Injector 2, cylinder 3
- N535 Injector 2, cylinder 4
- T2or 2-pin connector
- T2os 2-pin connector
- T2ot 2-pin connector
- T2ou 2-pin connector
- T2ov 2-pin connector
- T3ba 3-pin connector
- T8q 8-pin connector
- T17c 17-pin connector
- T91 91-pin connector
- T105 105-pin connector

B350 Positive connection 1 (87a) in main wiring harness

D140 Connection (injectors), in engine prewiring harness

D206 Connection 4 (87a) in engine prewiring harness

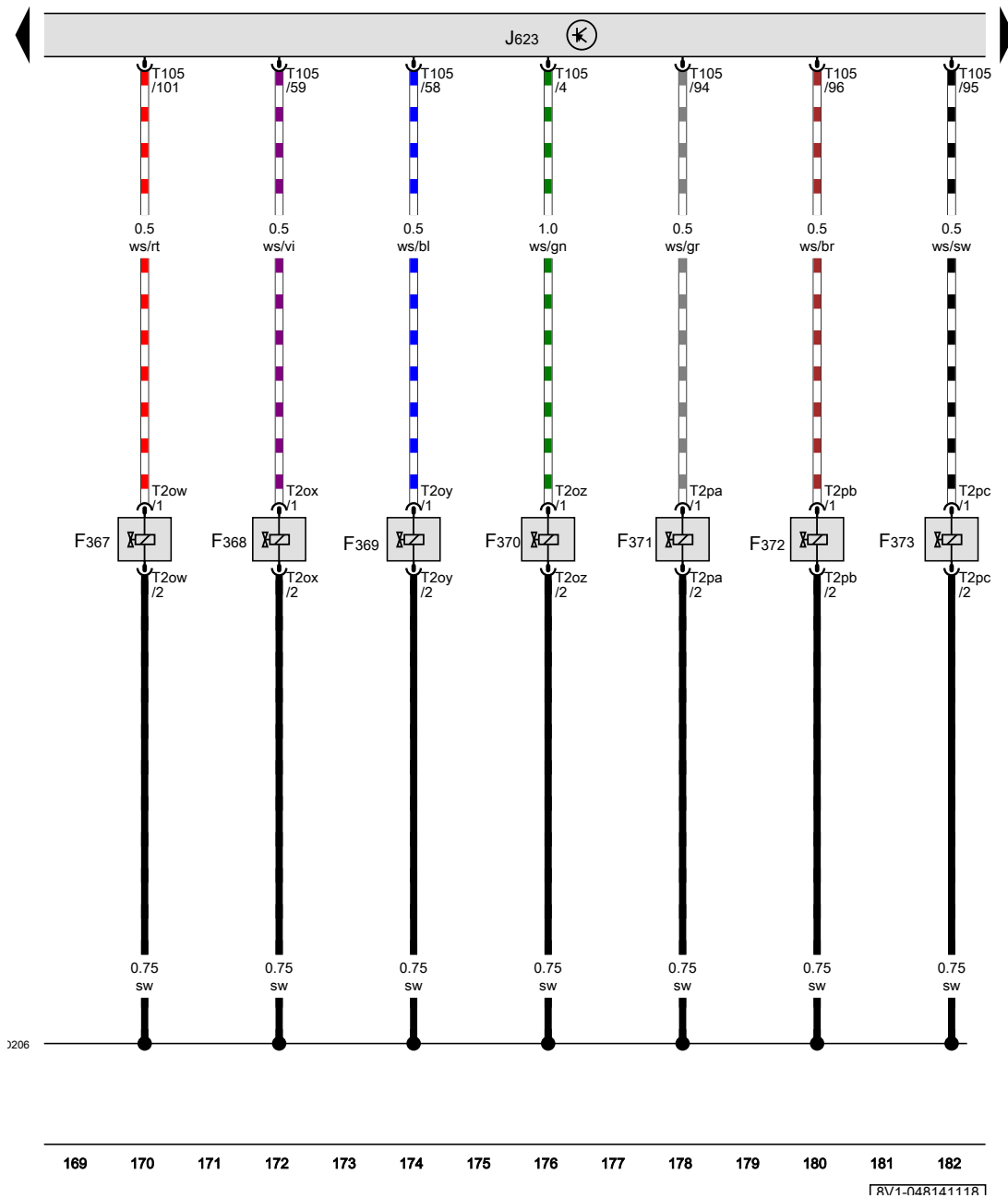
* For models with no US equipment

*2 According to equipment

*3 For Cabriolet models

*4 Wiring colour depends on equipment

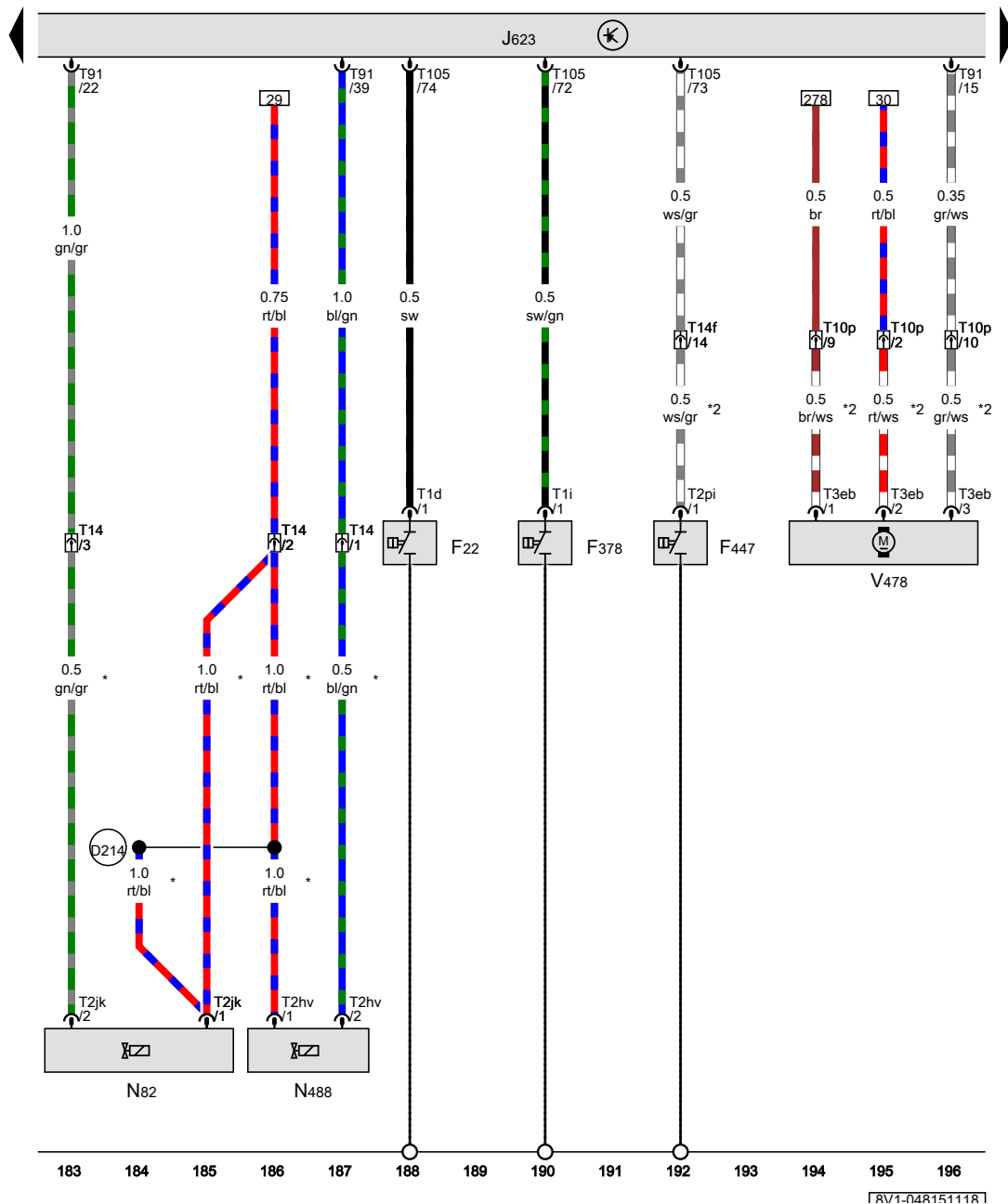
- ws = white
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- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



Cam adjustment actuator 2, Cam adjustment actuator 3, Cam adjustment actuator 4, Cam adjustment actuator 5, Cam adjustment actuator 6, Cam adjustment actuator 7, Cam adjustment actuator 8, Engine/motor control unit

- F367 Cam adjustment actuator 2
- F368 Cam adjustment actuator 3
- F369 Cam adjustment actuator 4
- F370 Cam adjustment actuator 5
- F371 Cam adjustment actuator 6
- F372 Cam adjustment actuator 7
- F373 Cam adjustment actuator 8
- J623 Engine/motor control unit
- T2ow 2-pin connector
- T2ox 2-pin connector
- T2oy 2-pin connector
- T2oz 2-pin connector
- T2pa 2-pin connector
- T2pb 2-pin connector
- T2pc 2-pin connector
- T105 105-pin connector

D206 Connection 4 (87a) in engine prewiring harness

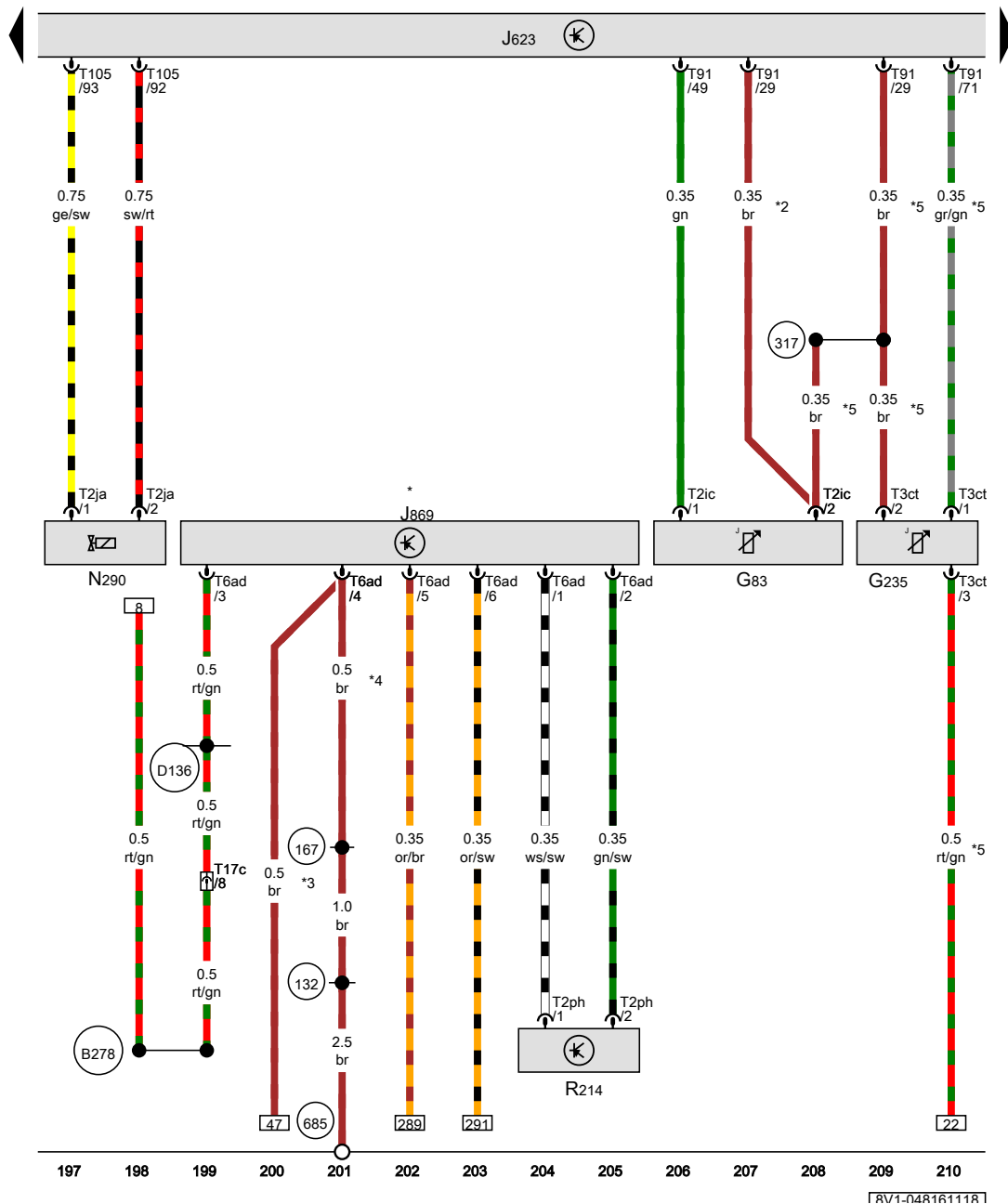


Oil pressure switch, Oil pressure switch for reduced oil pressure, Engine/motor control unit, Coolant shut-off valve, Coolant valve for gearbox

- F22 Oil pressure switch
- F378 Oil pressure switch for reduced oil pressure
- F447 Stage 3 oil pressure switch
- J623 Engine/motor control unit
- N82 Coolant shut-off valve
- N488 Coolant valve for gearbox
- T1d 1-pin connector, black
- T1i 1-pin connector, black
- T2hv 2-pin connector
- T2jk 2-pin connector
- T2pi 2-pin connector, black
- T3eb 3-pin connector, black
- T10p 10-pin connector
- T14 14-pin connector
- T14f 14-pin connector, in engine compartment
- T91 91-pin connector
- T105 105-pin connector
- V478 Gearbox oil cooling pump

D214 Connection 8 (87a), in engine compartment wiring harness

- * According to equipment
- *2 Wiring colour depends on equipment



Radiator outlet coolant temperature sender, Engine/motor control unit, Fuel metering valve

- G83 Radiator outlet coolant temperature sender
- G235 Exhaust gas temperature sender 1
- J623 Engine/motor control unit
- J869 Control unit for structure-borne sound
- N290 Fuel metering valve
- R214 Actuator for structure-borne sound
- T2ic 2-pin connector, black
- T2ja 2-pin connector
- T2ph 2-pin connector
- T3ct 3-pin connector
- T6ad 6-pin connector
- T17c 17-pin connector
- T91 91-pin connector
- T105 105-pin connector

132 Earth connection 3, in engine compartment wiring harness

167 Earth connection 4, in engine compartment wiring harness

317 Earth connection 7, in engine compartment wiring harness

685 Earth point 1, on front of right longitudinal member

B278 Positive connection 2 (15a) in main wiring harness

D136 Positive connection 2 (15a), in engine compartment wiring harness

* According to equipment

*2 gradual introduction

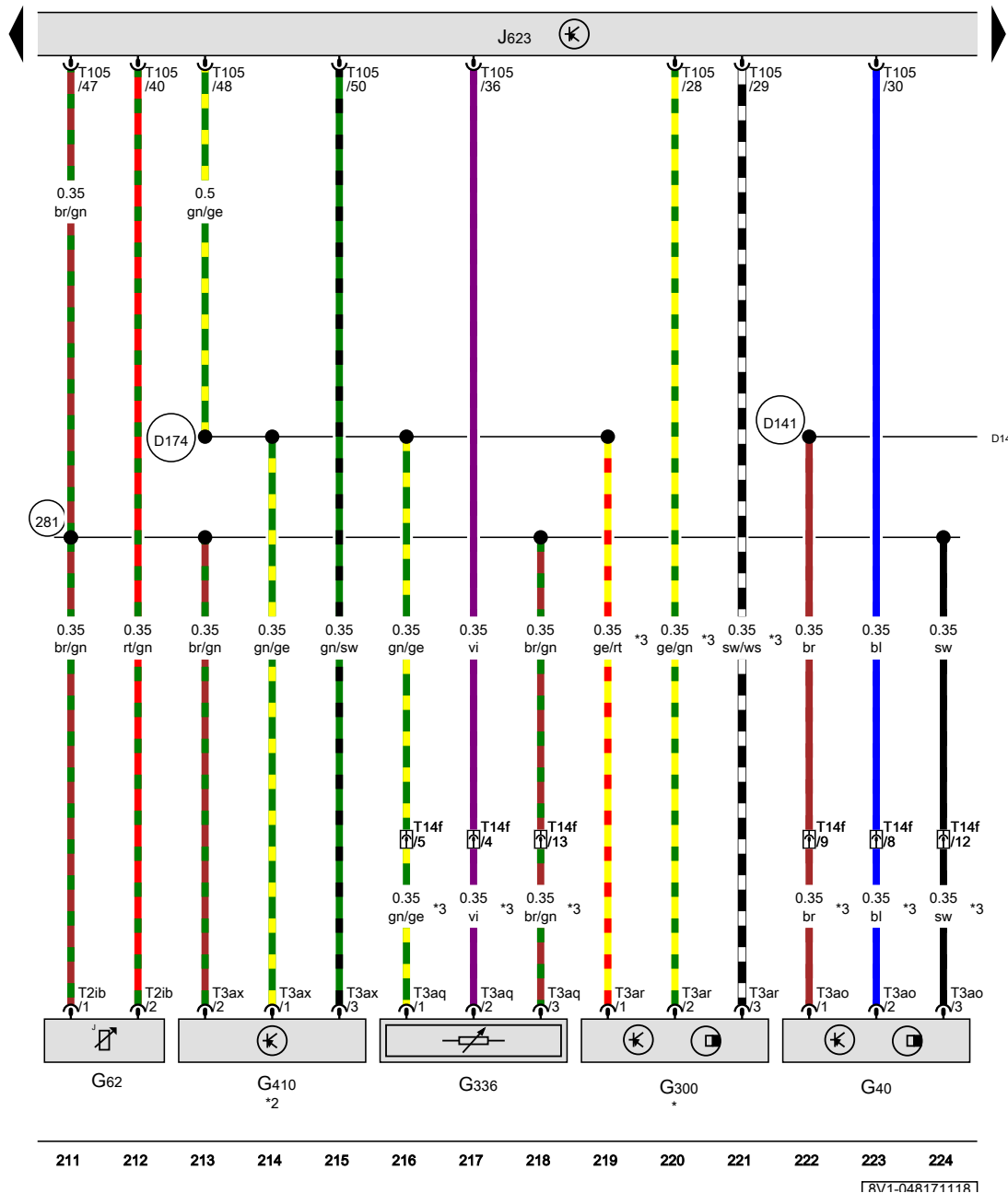
*3 For right-hand drive models

*4 For left-hand drive models

*5 Gradually discontinued

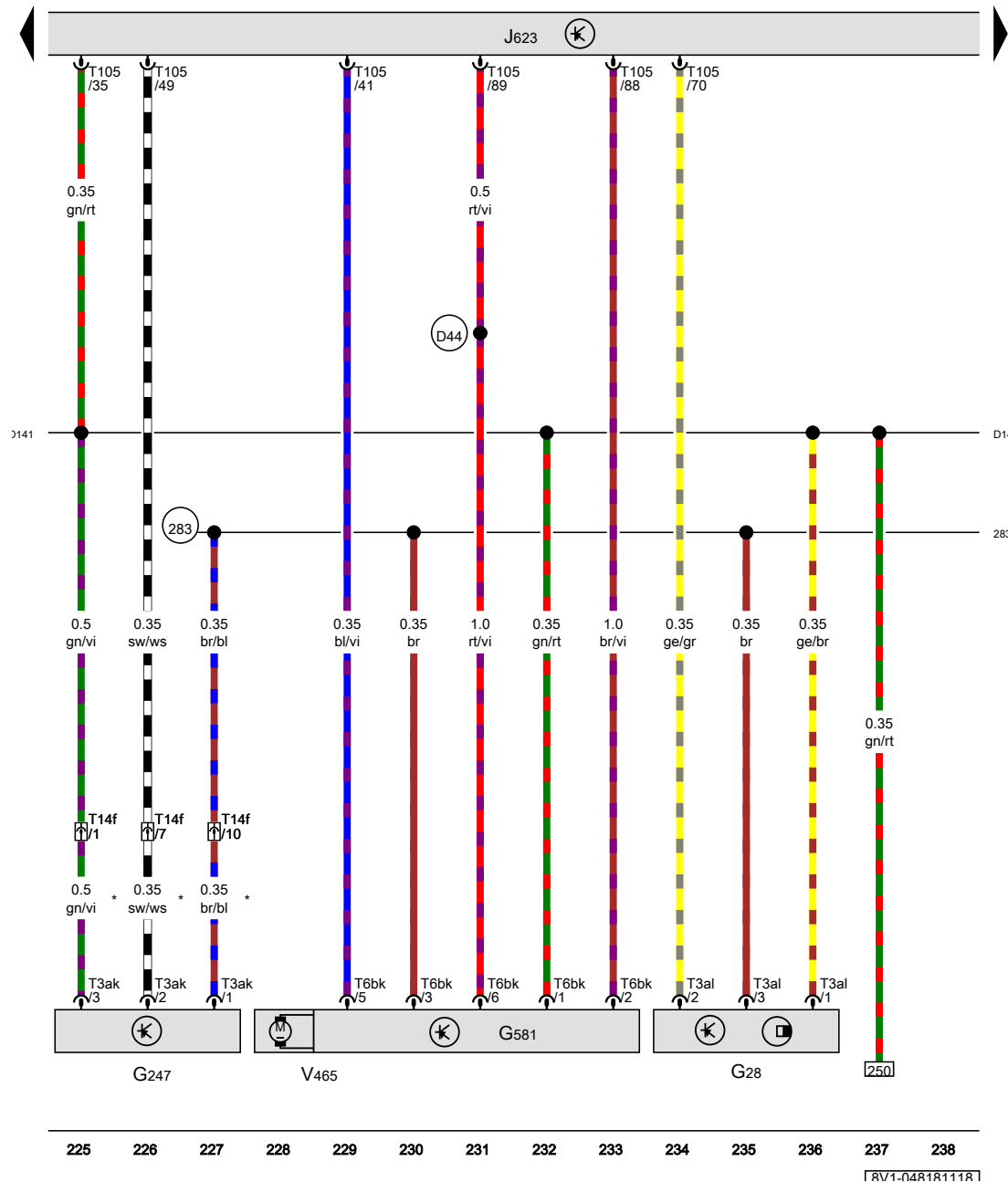
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Hall sender, Coolant temperature sender, Hall sender 3, Intake manifold flap potentiometer, Engine/motor control unit



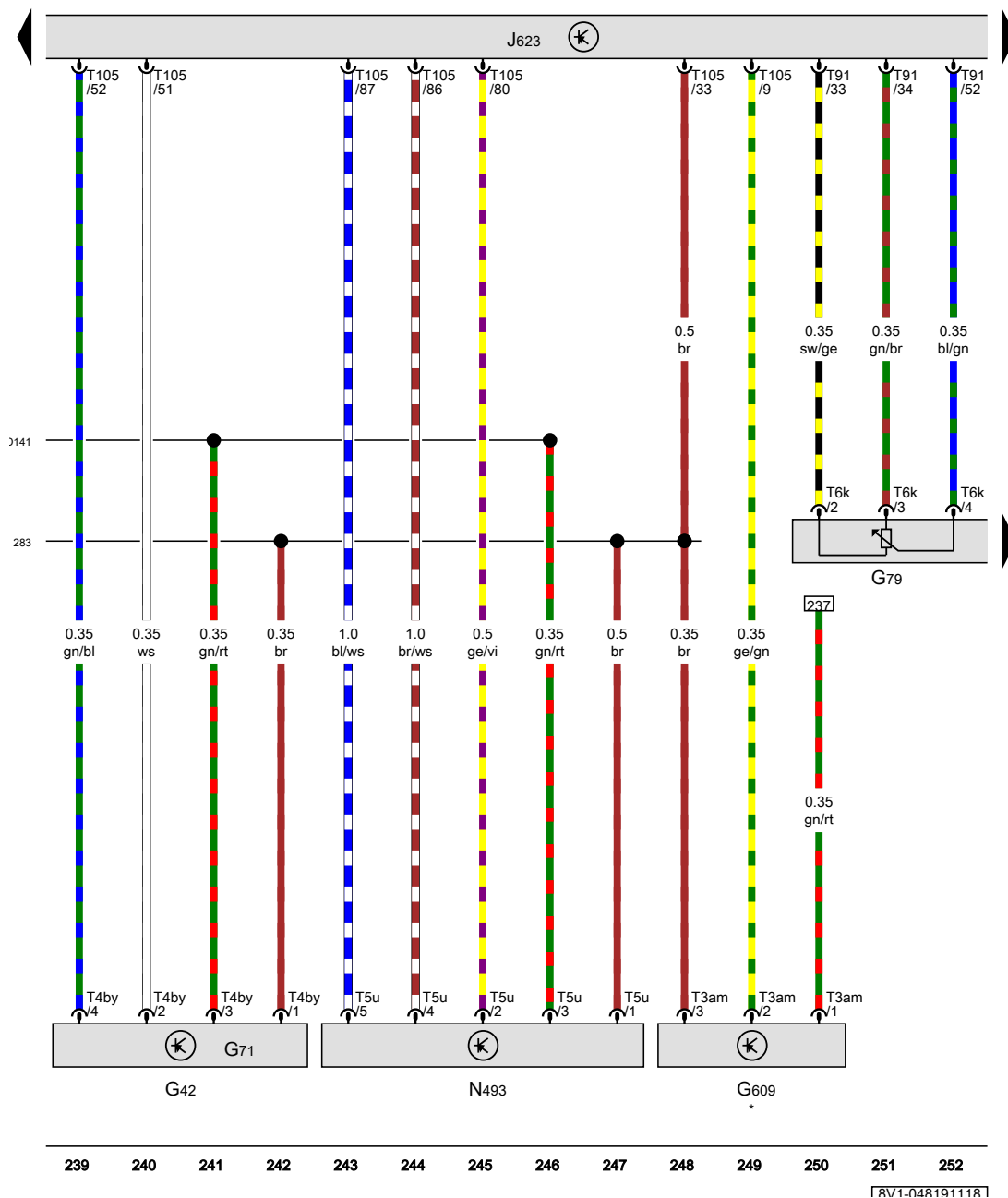
- G40 Hall sender
- G62 Coolant temperature sender
- G300 Hall sender 3
- G336 Intake manifold flap potentiometer
- G410 Fuel pressure sender for low pressure
- J623 Engine/motor control unit
- T2ib 2-pin connector, black
- T3ao 3-pin connector, black
- T3aq 3-pin connector
- T3ar 3-pin connector
- T3ax 3-pin connector
- T14f 14-pin connector, in engine compartment
- T105 105-pin connector
- 281 Earth point 1, engine prewiring harness
- D141 Connection (5V) in engine prewiring harness
- D174 Connection 2 (5V) in engine prewiring harness
- * For models with no US equipment
- *2 According to equipment
- *3 Wiring colour depends on equipment

Engine speed sender, Fuel pressure sender, Engine/motor control unit, Charge pressure positioner



- G28 Engine speed sender
- G247 Fuel pressure sender
- G581 Position sender for charge pressure positioner
- J623 Engine/motor control unit
- T3ak 3-pin connector, black
- T3al 3-pin connector, black
- T6bk 6-pin connector, grey
- T14f 14-pin connector, in engine compartment
- T105 105-pin connector
- V465 Charge pressure positioner

- 283 Earth point 2, engine prewiring harness
- D44 Connection 6, in engine prewiring harness
- D141 Connection (5V) in engine prewiring harness
- * Wiring colour depends on equipment



Intake air temperature sender, Intake manifold pressure sender, Accelerator position sender, Sender 1 for secondary air pressure, Engine/motor control unit, Actuator for engine temperature regulation

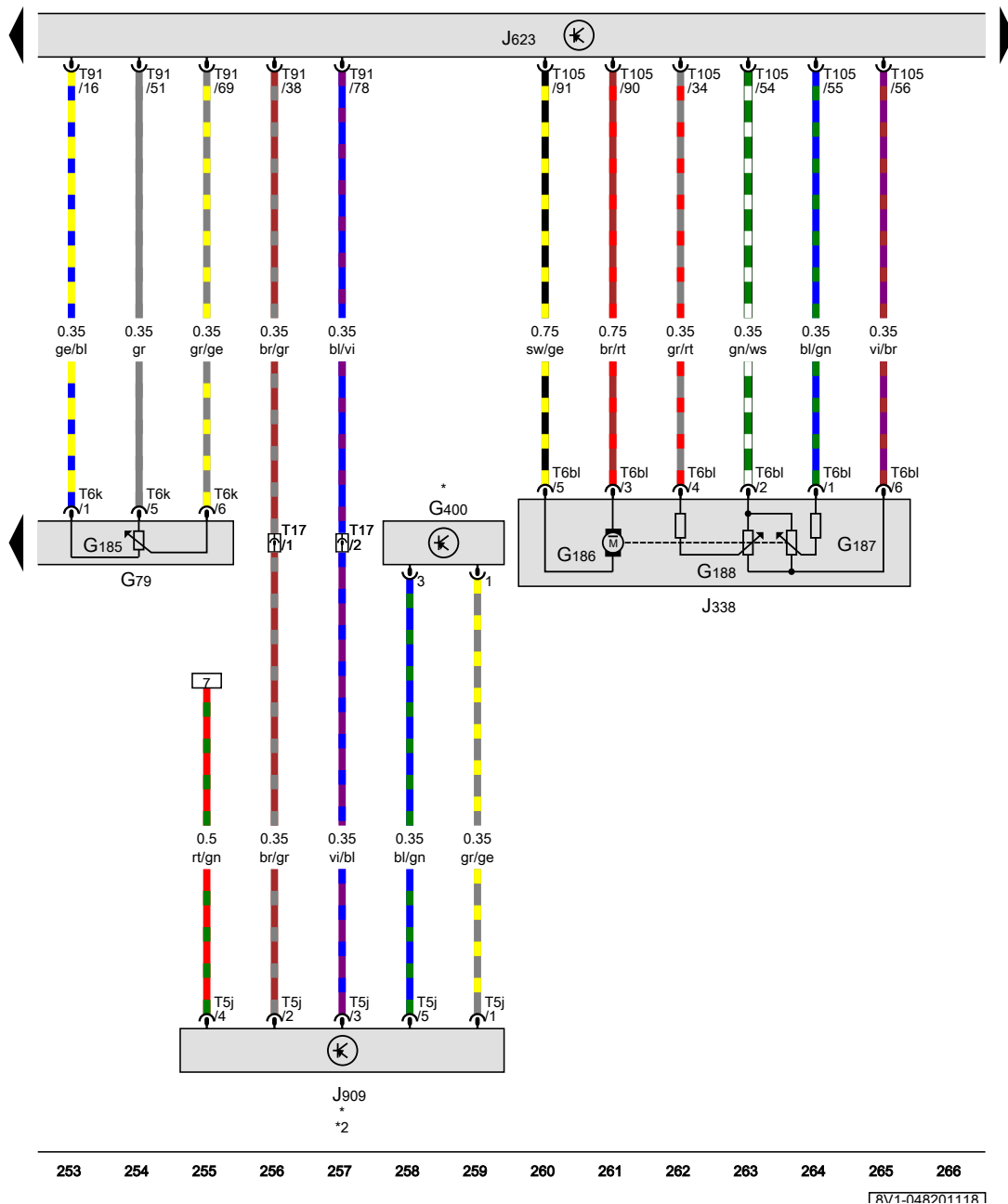
- G42 Intake air temperature sender
- G71 Intake manifold pressure sender
- G79 Accelerator position sender
- G609 Sender 1 for secondary air pressure
- J623 Engine/motor control unit
- N493 Actuator for engine temperature regulation
- T3am 3-pin connector
- T4by 4-pin connector, black
- T5u 5-pin connector
- T6k 6-pin connector
- T91 91-pin connector
- T105 105-pin connector

283 Earth point 2, engine prewiring harness

D141 Connection (5V) in engine prewiring harness

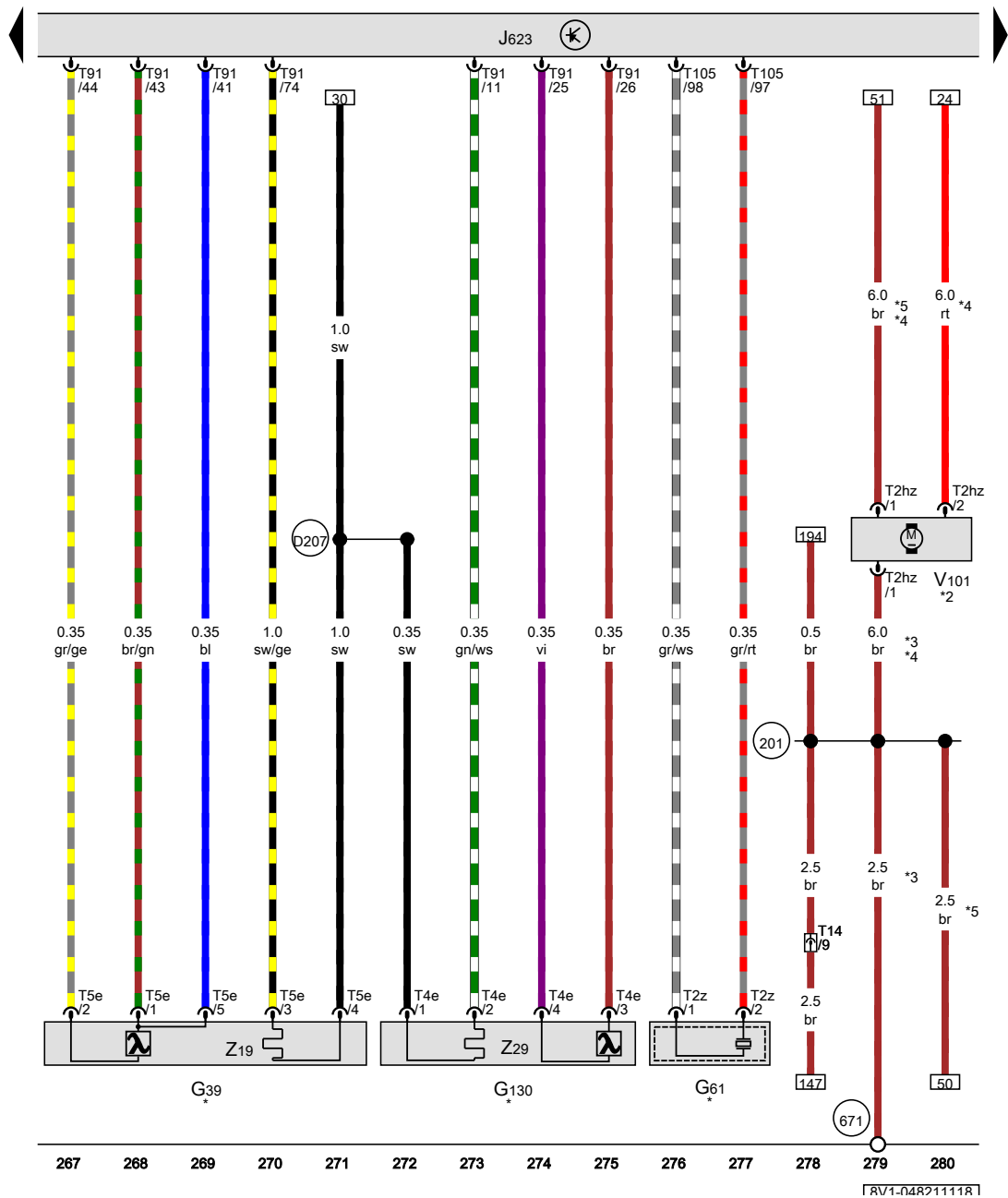
* For models with US equipment

Accelerator position sender, Accelerator position sender 2, Throttle valve module, Engine/motor control unit, Control unit for fuel tank leak detection

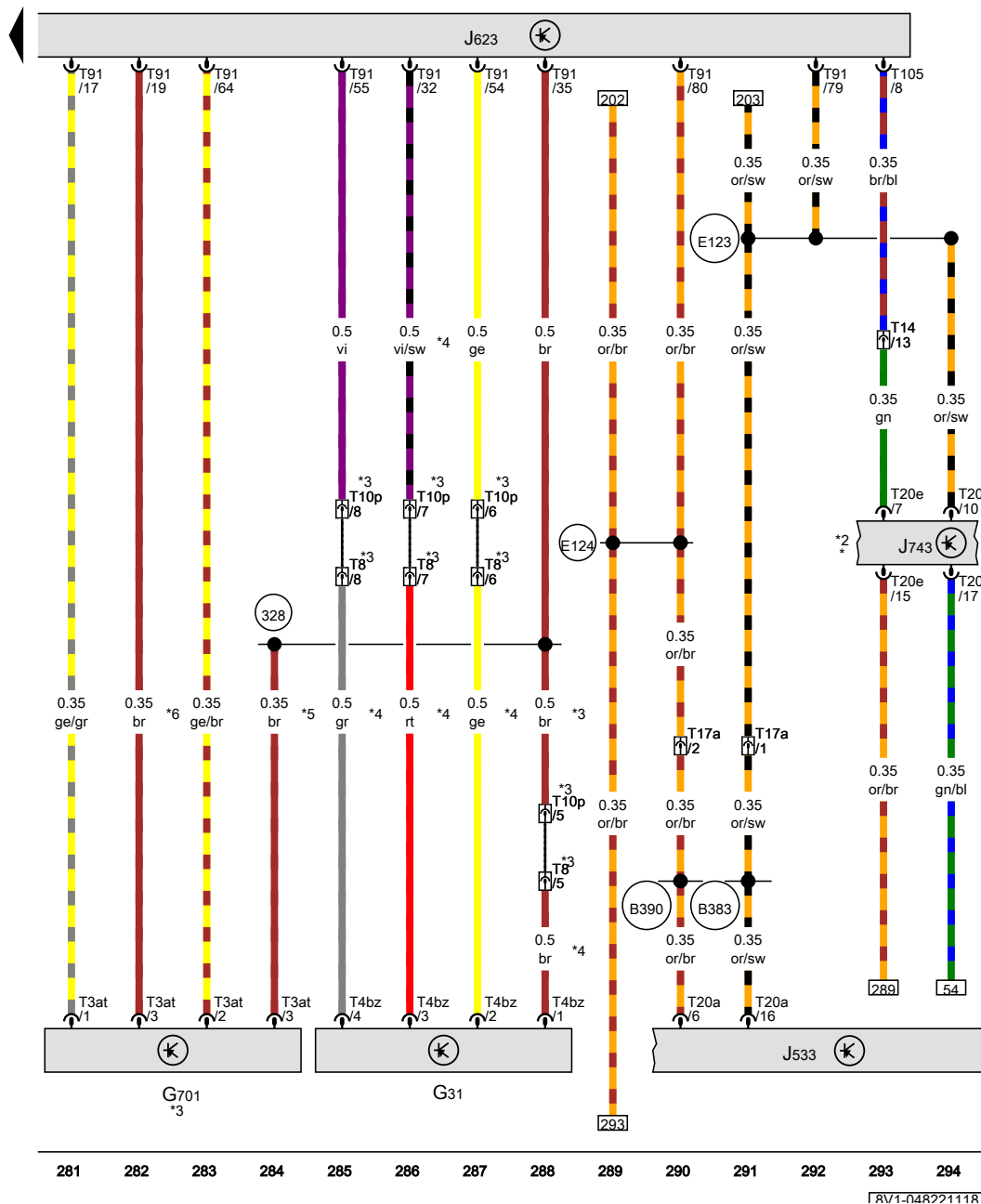


- G79 Accelerator position sender
- G185 Accelerator position sender 2
- G186 Throttle valve drive for electric throttle
- G187 Throttle valve drive angle sender 1 for electric throttle
- G188 Throttle valve drive angle sender 2 for electric throttle
- G400 Tank pressure sensor
- J338 Throttle valve module
- J623 Engine/motor control unit
- J909 Control unit for fuel tank leak detection
- T5j 5-pin connector
- T6bl 6-pin connector, black
- T6k 6-pin connector
- T17 17-pin connector
- T91 91-pin connector
- T105 105-pin connector
- * For models with US equipment
- *2 Pre-wired component

Lambda probe, Knock sensor 1, Lambda probe after catalytic converter, Engine/motor control unit, Secondary air pump motor



- G39 Lambda probe
- G61 Knock sensor 1
- G130 Lambda probe after catalytic converter
- J623 Engine/motor control unit
- T2hz 2-pin connector
- T2z 2-pin connector
- T4e 4-pin connector
- T5e 5-pin connector
- T14 14-pin connector, near front left longitudinal member
- T91 91-pin connector
- T105 105-pin connector
- V101 Secondary air pump motor
- Z19 Lambda probe heater
- Z29 Lambda probe 1 heater after catalytic converter
- 201 Earth connection 5, in engine compartment wiring harness
- 671 Earth point 1, on front of left longitudinal member
- D207 Connection 7 (87a), in engine compartment wiring harness
- * Pre-wired component
- *2 For models with US equipment
- *3 Gradually discontinued
- *4 Cross section depends on equipment
- *5 gradual introduction



Charge pressure sender, Gearbox neutral position sender, Data bus diagnostic interface, Engine/motor control unit, Mechatronic unit for dual clutch gearbox

- G31 Charge pressure sender
- G701 Gearbox neutral position sender
- J533 Data bus diagnostic interface
- J623 Engine/motor control unit
- J743 Mechatronic unit for dual clutch gearbox
- T3at 3-pin connector, black
- T4bz 4-pin connector, black
- T8 8-pin connector
- T10p 10-pin connector
- T14 14-pin connector
- T17a 17-pin connector
- T20a 20-pin connector
- T20e 20-pin connector
- T91 91-pin connector
- T105 105-pin connector

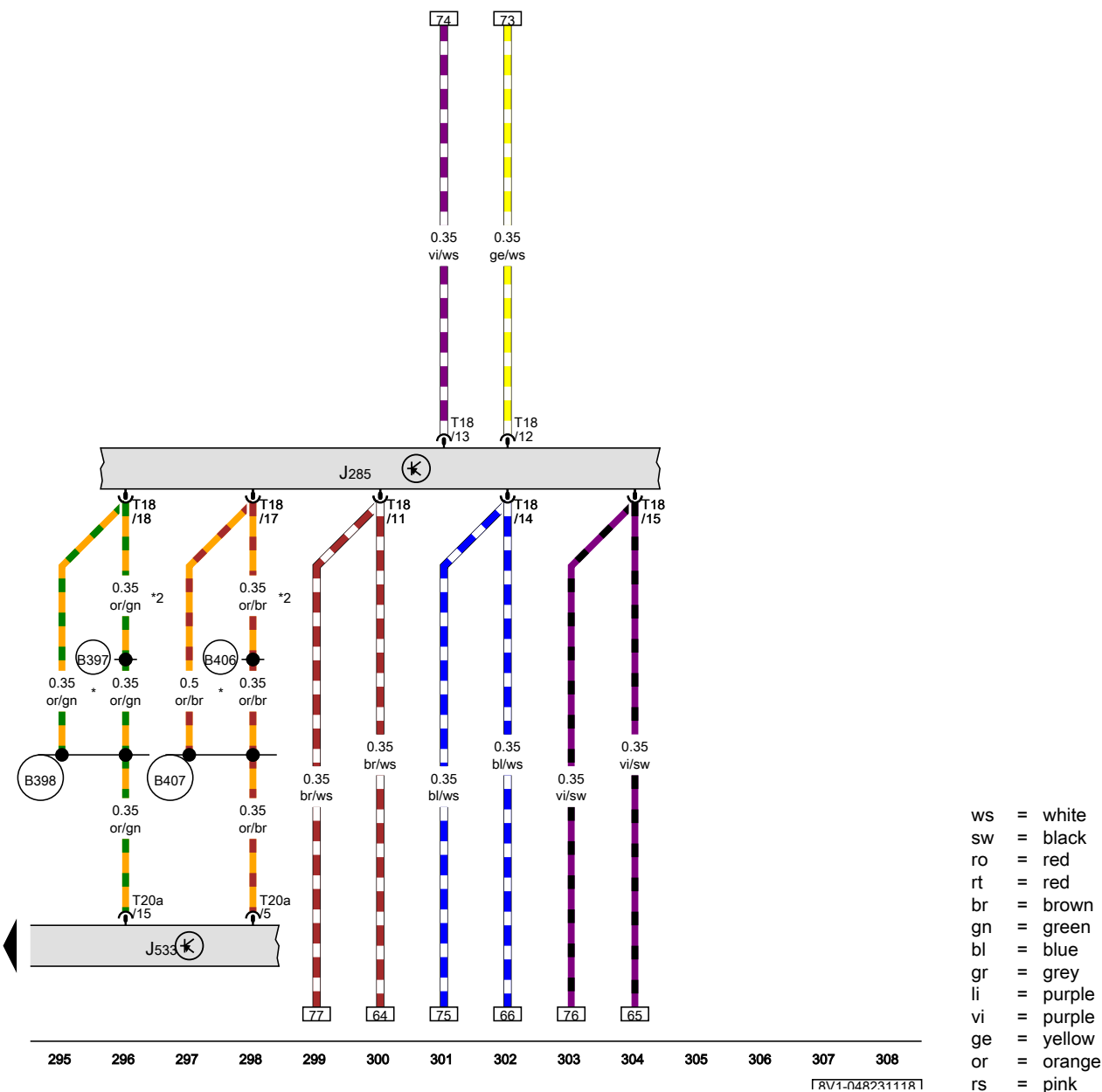
- 328 Earth connection 2 (sender earth), in engine compartment wiring harness
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- E123 Connection 1 (powertrain CAN bus, high), in engine wiring harness
- E124 Connection 1 (powertrain CAN bus, low), in engine wiring harness

- * For models with dual clutch gearbox
- *2 see applicable current flow diagram
- *3 According to equipment
- *4 Wiring colour depends on equipment
- *5 Gradually discontinued
- *6 gradual introduction

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

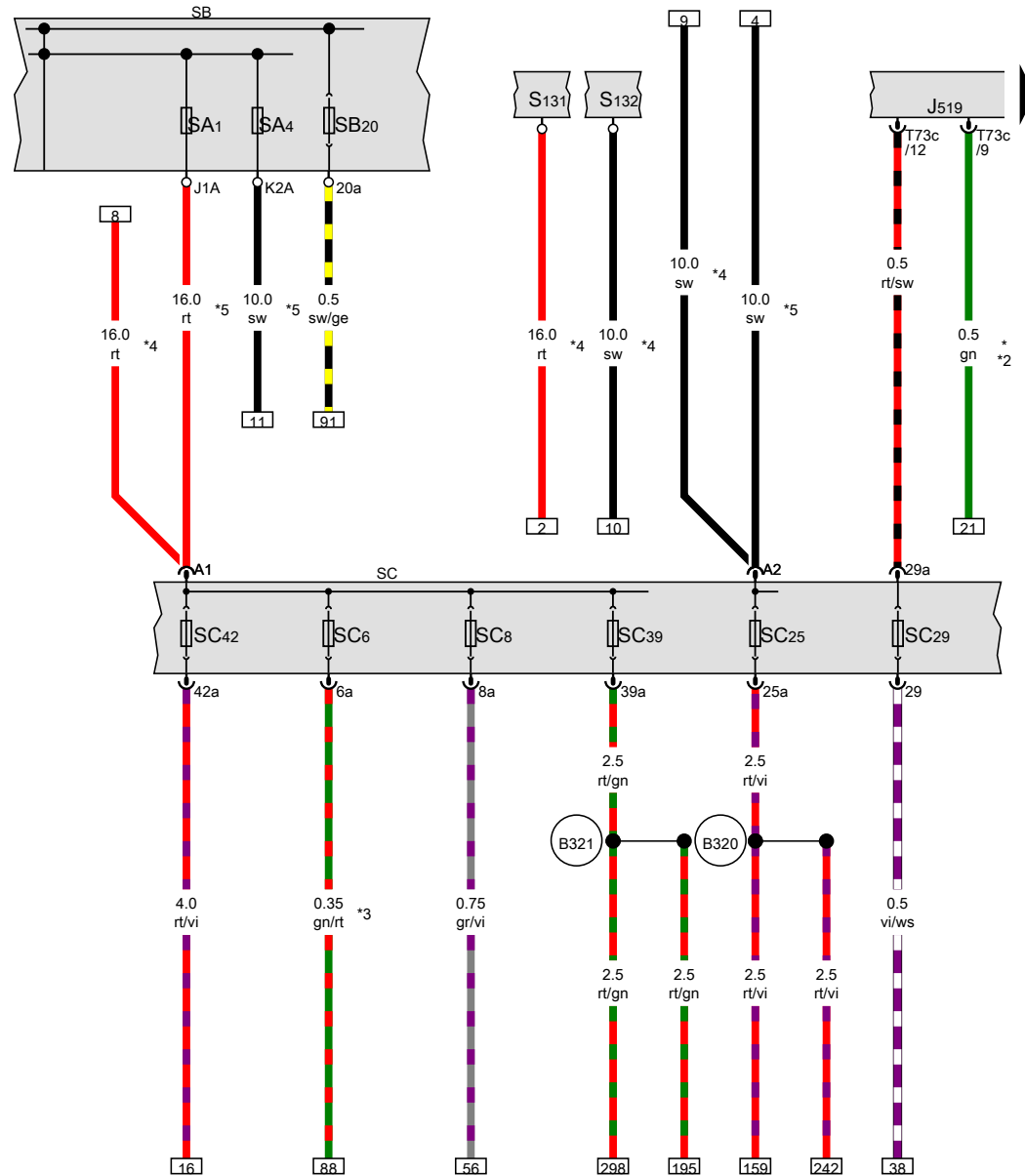
Control unit in dash panel insert, Data bus diagnostic interface

- J285 Control unit in dash panel insert
- J533 Data bus diagnostic interface
- T18 18-pin connector
- T20a 20-pin connector
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness
- * For right-hand drive models
- *2 For left-hand drive models



Convenience system, 5-door vehicle with lighting package and/or childproof locks , (L0L),(4H5)

From September 2012



Fuse holder C

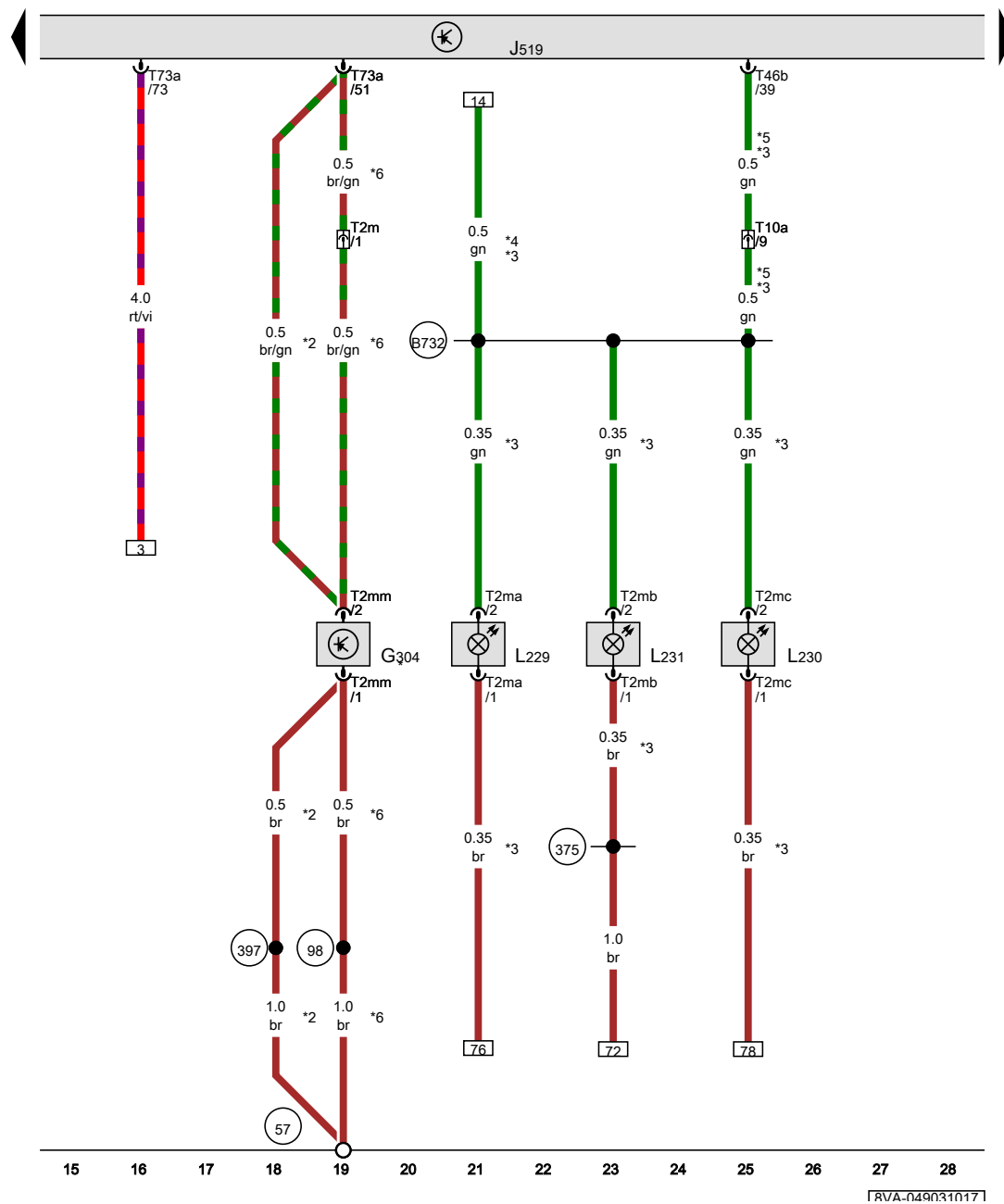
- J519 Onboard supply control unit
- SA1 Fuse 1 on fuse holder A
- SA4 Fuse 4 on fuse holder A
- SB Fuse holder B
- SC Fuse holder C
- SC6 Fuse 6 on fuse holder C
- SC8 Fuse 8 on fuse holder C
- SB20 Fuse 20 on fuse holder B
- SC25 Fuse 25 on fuse holder C
- SC29 Fuse 29 on fuse holder C
- SC39 Fuse 39 on fuse holder C
- SC42 Fuse 42 on fuse holder C
- S131 Fuse 1
- S132 Fuse 2
- T73c 73-pin connector

B320 Positive connection 6 (30a) in main wiring harness

B321 Positive connection 7 (30a) in main wiring harness

- * For models with no automatic headlight range control
- *2 Up to April 2016
- *3 Up to April 2015
- *4 For RS 3 models
- *5 Not for RS 3 models

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
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 or = orange
 rs = pink



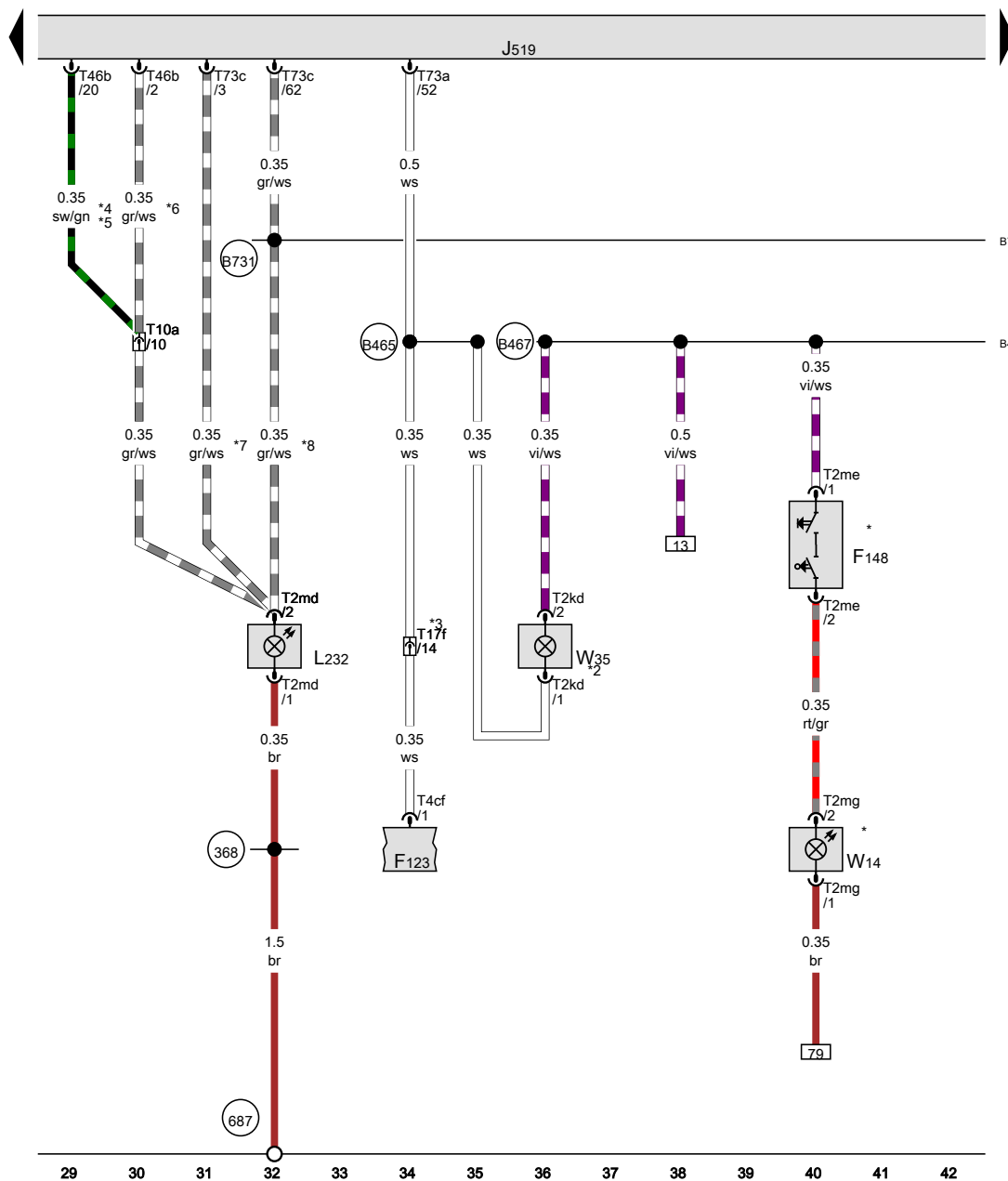
Glass breakage sensor for rear window, Light for left dashboard background lighting, Light for right dashboard background lighting, Light for centre dashboard background lighting

- G304 Glass breakage sensor for rear window
- J519 Onboard supply control unit
- L229 Light for left dashboard background lighting
- L230 Light for right dashboard background lighting
- L231 Light for centre dashboard background lighting
- T2m 2-pin connector
- T2ma 2-pin connector
- T2mb 2-pin connector
- T2mc 2-pin connector
- T2mm 2-pin connector
- T10a 10-pin connector, white
- T46b 46-pin connector
- T73a 73-pin connector

- 57 Earth point, rear left pillar
- 98 Earth connection, in rear lid wiring harness
- 375 Earth connection 10, in main wiring harness
- 397 Earth connection 32, in main wiring harness
- B732 Connection 2 (58s), in main wiring harness

- * For models with anti-theft alarm system
- *2 From November 2014
- *3 Up to April 2016
- *4 For models with no automatic headlight range control
- *5 For models with automatic headlight range control
- *6 Up to October 2014

- ws = white
- sw = black
- ro = red
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- br = brown
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- bl = blue
- gr = grey
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- vi = purple
- ge = yellow
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- rs = pink



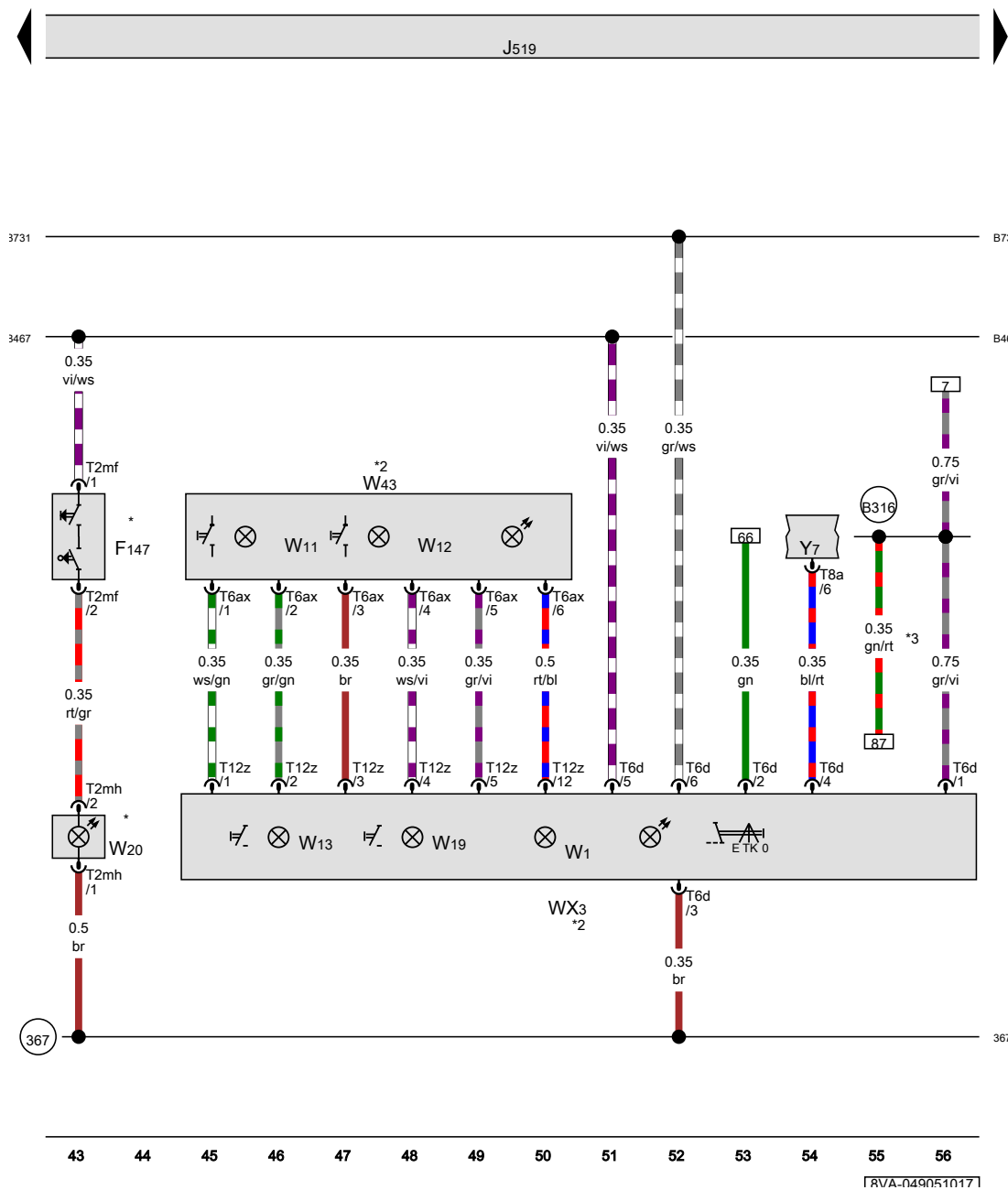
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Front passenger vanity mirror contact switch, Light for cup holder background lighting, Right luggage compartment light

- F123 Rear lid contact switch for anti-theft alarm
- F148 Front passenger vanity mirror contact switch
- J519 Onboard supply control unit
- L232 Light for cup holder background lighting
- T2kd 2-pin connector
- T2md 2-pin connector
- T2me 2-pin connector
- T2mg 2-pin connector
- T4cf 4-pin connector
- T10a 10-pin connector, white
- T17f 17-pin connector, black
- T46b 46-pin connector
- T73a 73-pin connector
- T73c 73-pin connector
- W14 Front passenger side illuminated vanity mirror
- W35 Right luggage compartment light

- 368 Earth connection 3, in main wiring harness
- 687 Earth point 1, on centre tunnel
- B465 Connection 1, in main wiring harness
- B467 Connection 3, in main wiring harness
- B731 Connection 1 (58s), in main wiring harness

- * For models with illuminated vanity mirror
- *2 According to equipment
- *3 Up to October 2014
- *4 For models with LED headlights
- *5 From May 2016
- *6 For models with xenon headlights
- *7 For models with halogen headlights
- *8 For models with additional lights



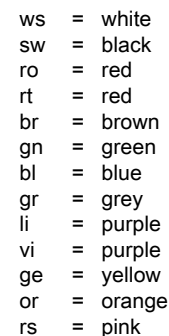
Front roof module, Rear interior light

- F147 Driver vanity mirror contact switch
- J519 Onboard supply control unit
- T2mf 2-pin connector
- T2mh 2-pin connector
- T6ax 6-pin connector
- T6d 6-pin connector
- T8a 8-pin connector
- T12z 12-pin connector
- W1 Front interior light
- WX3 Front roof module
- W11 Rear left reading light
- W12 Rear right reading light
- W13 Front passenger reading light
- W19 Driver side reading light
- W20 Driver side illuminated vanity mirror
- W43 Rear interior light
- Y7 Automatic anti-dazzle interior mirror

- 367 Earth connection 2, in main wiring harness
- B316 Positive connection 2 (30a) in main wiring harness
- B467 Connection 3, in main wiring harness
- B731 Connection 1 (58s), in main wiring harness

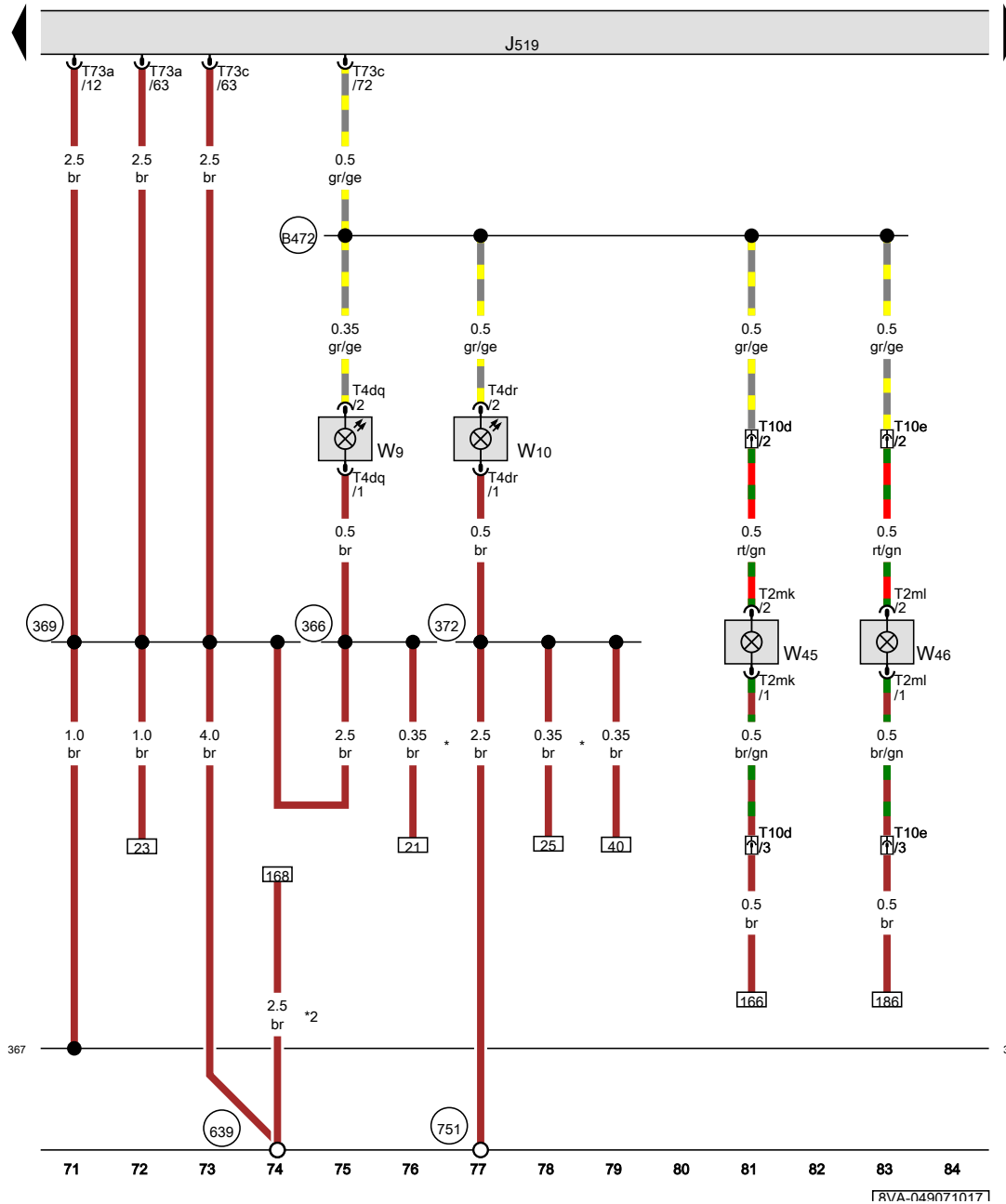
- * For models with illuminated vanity mirror
- *2 According to equipment
- *3 From May 2015

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J519	Onboard supply control unit
T4a	4-pin connector
T4b	4-pin connector
T6	6-pin connector
T8a	8-pin connector
T73a	73-pin connector
T73c	73-pin connector
W1	Front interior light
WX3	Front roof module
W11	Rear left reading light
W12	Rear right reading light
W13	Front passenger reading light
W19	Driver side reading light
W43	Rear interior light
Y7	Automatic anti-dazzle interior mirror
367	Earth connection 2, in main wiring harness
B467	Connection 3, in main wiring harness
B731	Connection 1 (58s), in main wiring harness

* According to equipment



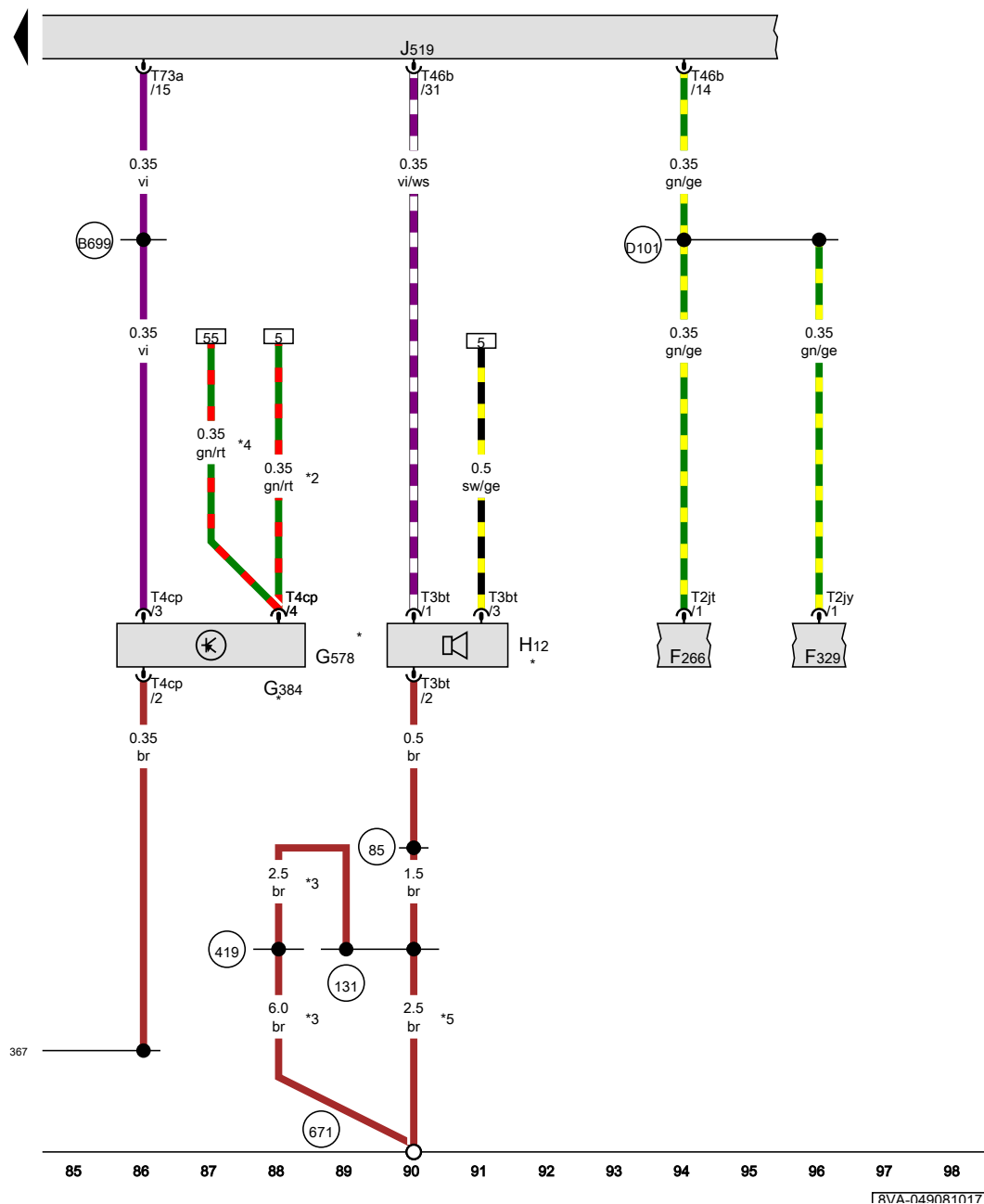
Left footwell light, Right footwell light, Rear left footwell light, Rear right footwell light

- J519 Onboard supply control unit
- T2mk 2-pin connector
- T2ml 2-pin connector
- T4dq 4-pin connector
- T4dr 4-pin connector
- T10d 10-pin connector, in coupling point for front seat, left, red
- T10e 10-pin connector, in coupling point for front seat, right, red
- T73a 73-pin connector
- T73c 73-pin connector
- W9 Left footwell light
- W10 Right footwell light
- W45 Rear left footwell light
- W46 Rear right footwell light

- 366 Earth connection 1, in main wiring harness
- 367 Earth connection 2, in main wiring harness
- 369 Earth connection 4, in main wiring harness
- 372 Earth connection 7, in main wiring harness
- 639 Earth point, left A-pillar
- 751 Earth point 2, on right A-pillar
- B472 Connection 8, in main wiring harness

- * Up to April 2016
- *2 According to equipment

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Bonnet contact switch, Bonnet contact switch 2, Anti-theft alarm sensor, Alarm horn

- F266 Bonnet contact switch
- F329 Bonnet contact switch 2
- G384 Vehicle inclination sender
- G578 Anti-theft alarm sensor
- H12 Alarm horn
- J519 Onboard supply control unit
- T2jt 2-pin connector
- T2jy 2-pin connector
- T3bt 3-pin connector
- T4cp 4-pin connector
- T46b 46-pin connector
- T73a 73-pin connector

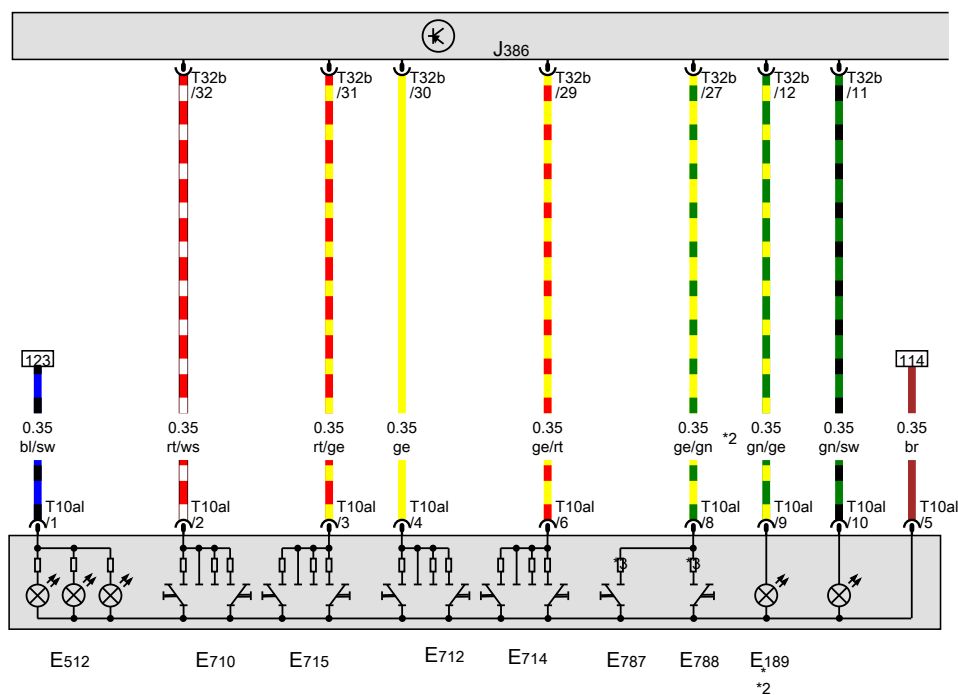
- 85 Earth connection 1, in engine compartment wiring harness
- 131 Earth connection 2, in engine compartment wiring harness
- 367 Earth connection 2, in main wiring harness
- 419 Earth connection 11, in engine compartment wiring harness
- 671 Earth point 1, on front of left longitudinal member
- B699 Connection 4 (LIN bus) in main wiring harness
- D101 Connection 1 in engine compartment wiring harness

- * For models with anti-theft alarm system
- *2 Up to April 2015
- *3 gradual introduction
- *4 From May 2015
- *5 Gradually discontinued

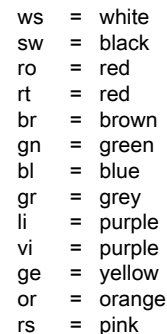
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Central switch for window regulators in driver door, Operating unit for window regulator in driver door, Front driver side window regulator button, Rear driver side window regulator button, in driver door, Rear passenger side window regulator button, in driver door, Front passenger side window regulator button, in driver door, Rear childproof lock button, driver side, Rear childproof lock button, passenger side, Driver door control unit

- E189 Central switch for window regulators in driver door
- E512 Operating unit for window regulator in driver door
- E710 Front driver side window regulator button
- E712 Rear driver side window regulator button, in driver door
- E714 Rear passenger side window regulator button, in driver door
- E715 Front passenger side window regulator button, in driver door
- E787 Rear childproof lock button, driver side
- E788 Rear childproof lock button, passenger side
- J386 Driver door control unit
- T10al 10-pin connector
- T32b 32-pin connector
- * For models with no childproof locks
- *2 If fitted
- *3 For models with childproof locks



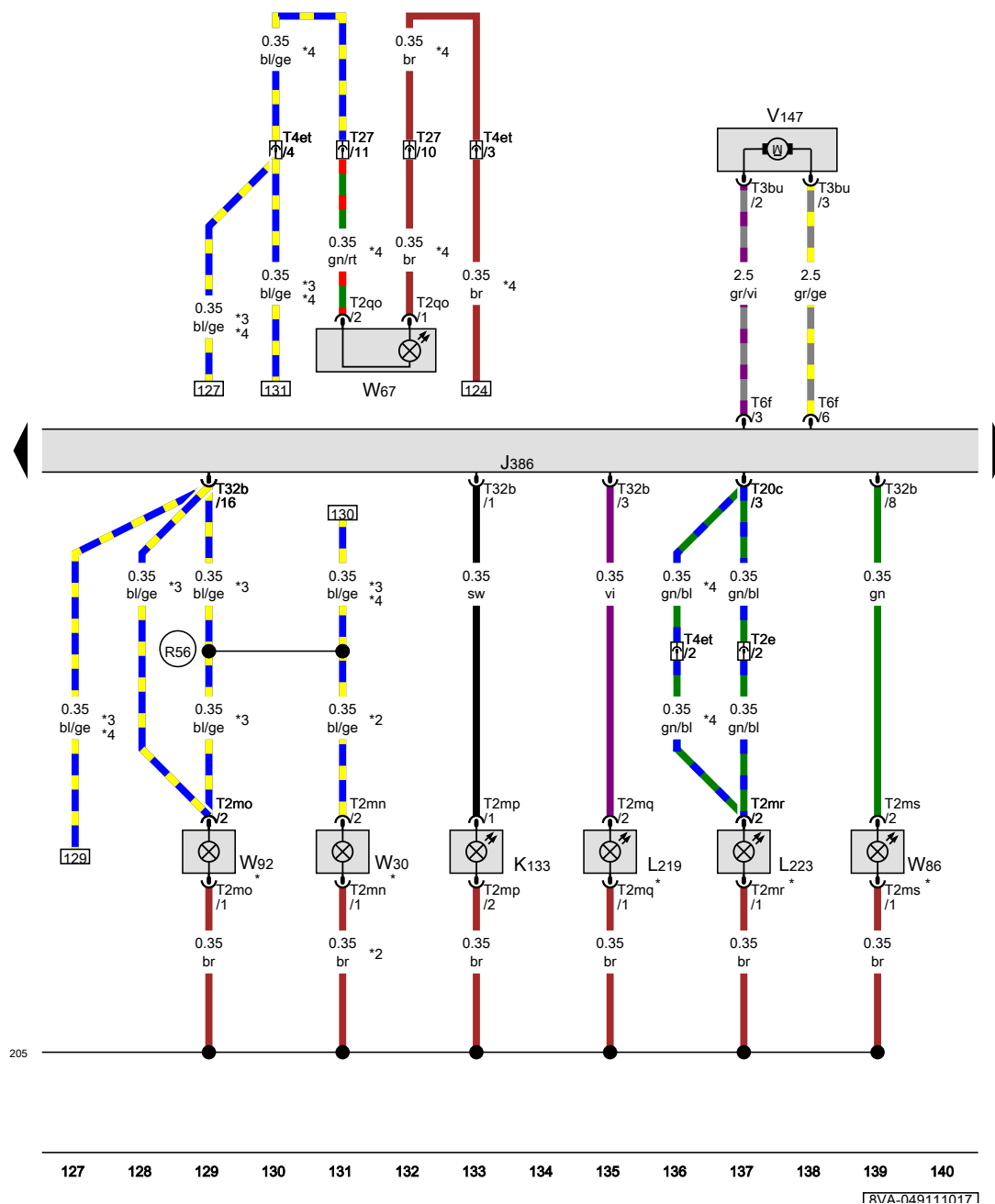
ws = white
sw = black
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E43	Mirror adjustment switch
E48	Mirror adjustment changeover switch
E168	Adjustment switch for mirror with fold-in feature
E308	Driver side interior locking button for central locking system
E319	Fuel tank flap release button
E616	Button for deactivating interior monitoring and vehicle inclination sensor
J386	Driver door control unit
T4cs	4-pin connector
T4ct	4-pin connector
T4cu	4-pin connector
T10am	10-pin connector
T32b	32-pin connector

R94 Connection 1 in driver side door wiring harness

- * For models with interior monitoring
- *2 For models with no hybrid drive system
- *3 For models with hybrid drive system
- *4 For models with background lighting in sill panel mouldings



Driver door control unit, Central locking SAFELOCK function warning lamp, Light for driver side interior door handle illumination, Light for driver side door loudspeaker trim, Driver side window regulator motor, Driver side door warning lamp, Light conductor for front left sill panel moulding background lighting, Light for driver door background lighting, Driver side entry light

- J386 Driver door control unit
- K133 Central locking SAFELOCK function warning lamp
- L219 Light for driver side interior door handle illumination
- L223 Light for driver side door loudspeaker trim
- T2e 2-pin connector
- T2mn 2-pin connector
- T2mo 2-pin connector
- T2mp 2-pin connector
- T2mq 2-pin connector
- T2mr 2-pin connector
- T2ms 2-pin connector
- T2qo 2-pin connector
- T3bu 3-pin connector
- T4et 4-pin connector
- T6f 6-pin connector
- T20c 20-pin connector
- T27 27-pin connector
- T32b 32-pin connector
- V147 Driver side window regulator motor
- W30 Driver side door warning lamp
- W67 Light conductor for front left sill panel moulding background lighting
- W86 Light for driver door background lighting
- W92 Driver side entry light

205 Earth connection, in driver door wiring harness

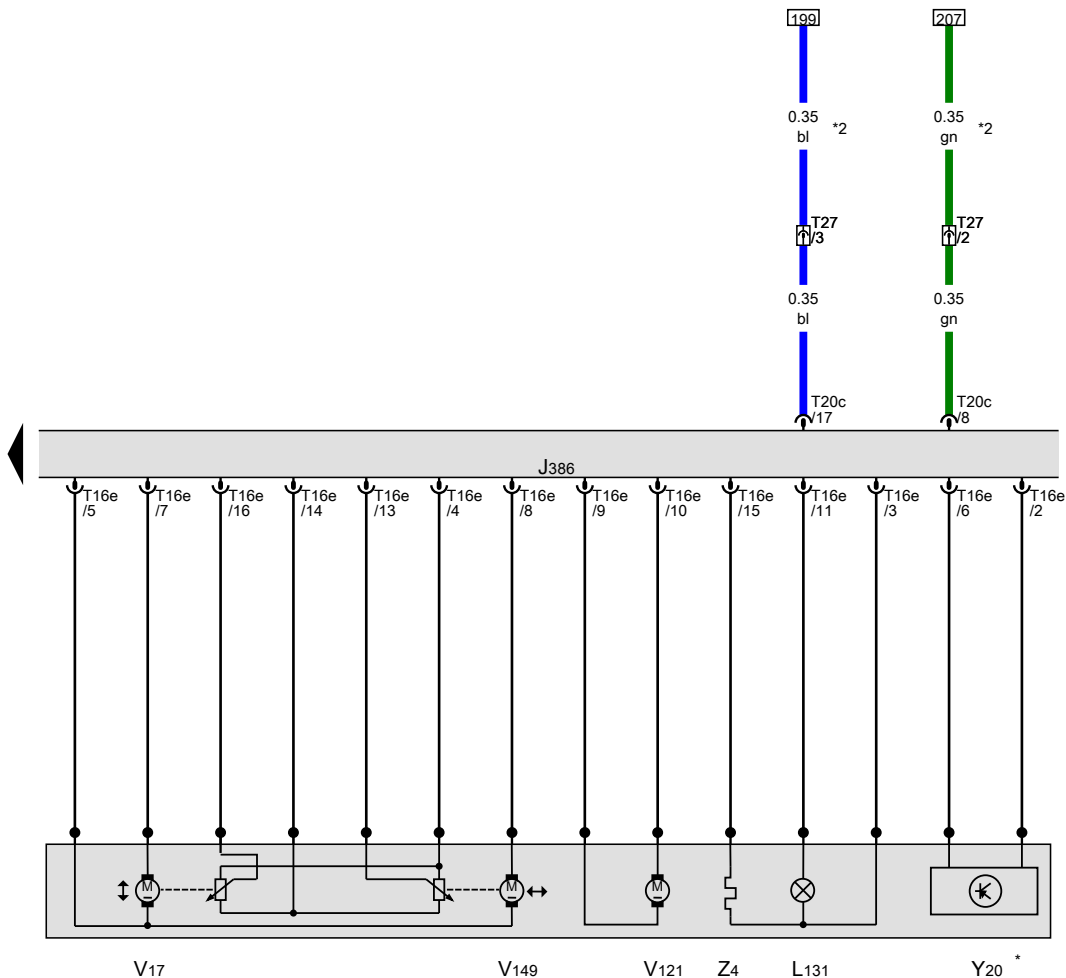
R56 Connection (entry light), in driver door wiring harness

- * For models with additional lights
- *2 Up to April 2017
- *3 According to equipment
- *4 For models with background lighting in sill panel mouldings

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Driver door control unit, Driver side turn signal repeater bulb, Driver side mirror adjustment motor 2, Driver side fold-in mirror motor, Driver side mirror adjustment motor, Automatic anti-dazzle exterior mirror, driver side, Heated exterior mirror on driver side

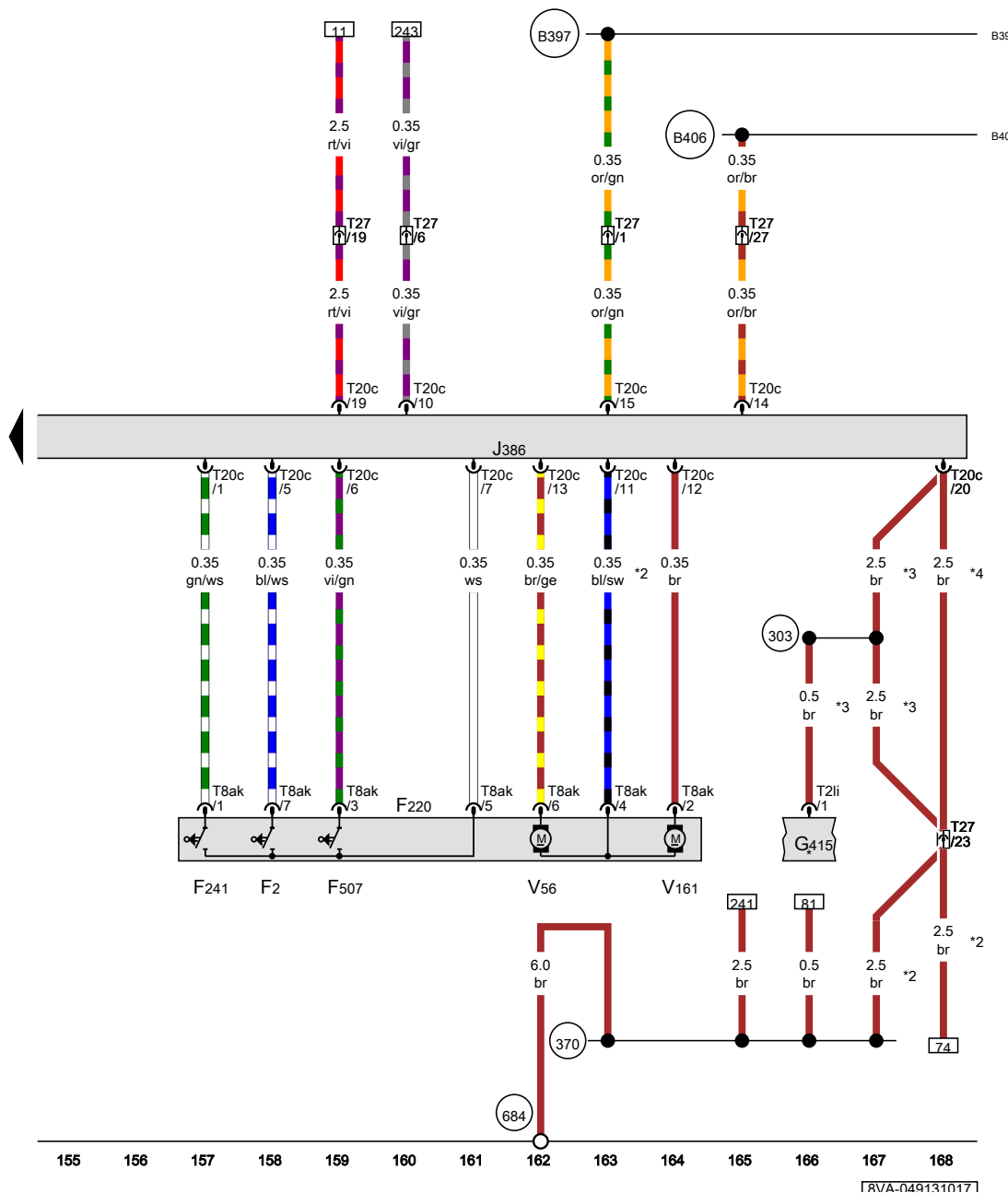
- J386 Driver door control unit
- L131 Driver side turn signal repeater bulb
- T16e 16-pin connector
- T20c 20-pin connector
- T27 27-pin connector, on left A-pillar, black
- V17 Driver side mirror adjustment motor 2
- V121 Driver side fold-in mirror motor
- V149 Driver side mirror adjustment motor
- Y20 Automatic anti-dazzle exterior mirror, driver side
- Z4 Heated exterior mirror on driver side
- * For models with automatic anti-dazzle exterior mirror
- *2 For models with automatic anti-dazzle interior mirror



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141 142 143 144 145 146 147 148 149 150 151 152 153 154

[8V/A-049121017]



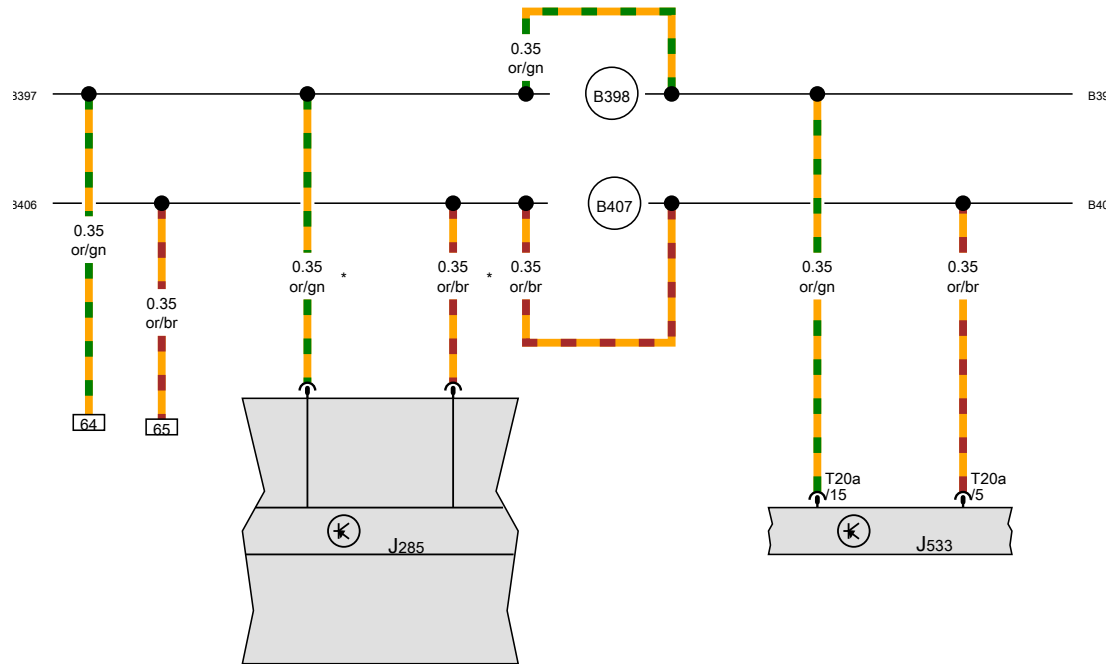
Driver door contact switch, Driver side central locking lock unit, Driver side contact switch in lock cylinder, Driver side central locking actuator, Driver door control unit, Driver door central locking motor, Driver door central locking SAFELOCK function motor

- F2 Driver door contact switch
- F220 Driver side central locking lock unit
- F241 Driver side contact switch in lock cylinder
- F507 Driver side central locking actuator
- G415 Driver exterior door handle contact sensor
- J386 Driver door control unit
- T2li 2-pin connector
- T8ak 8-pin connector
- T20c 20-pin connector
- T27 27-pin connector, on left A-pillar, black
- V56 Driver door central locking motor
- V161 Driver door central locking SAFELOCK function motor

- 303 Earth connection 3, in drive side door wiring harness
- 370 Earth connection 5, in main wiring harness
- 684 Earth point on front of left side member
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- * see applicable current flow diagram
- *2 According to equipment
- *3 For models with entry and start authorisation
- *4 For models with no entry and start authorisation

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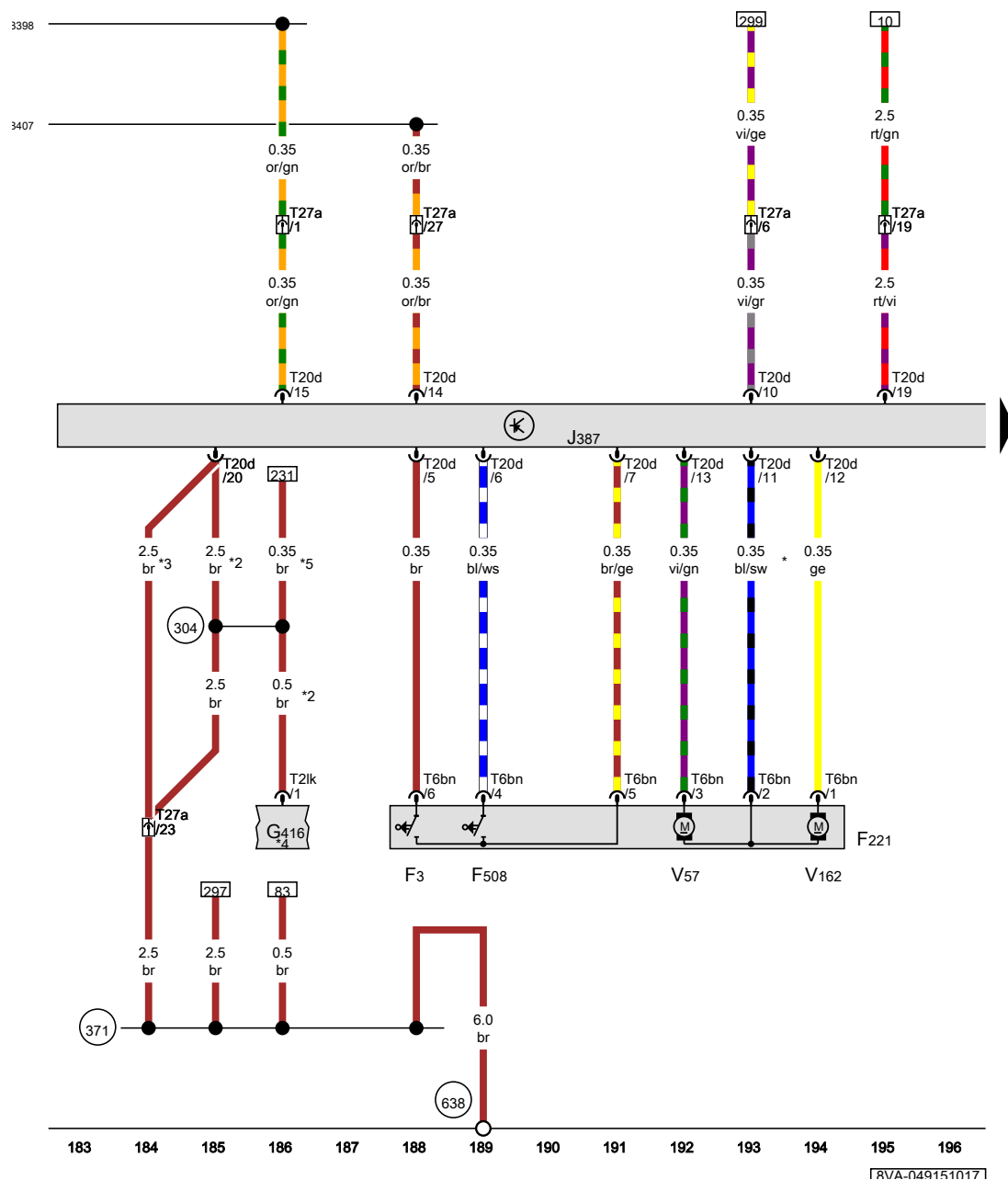
[8VA-049131017]



Control unit in dash panel insert, Data bus diagnostic interface

- J285 Control unit in dash panel insert
- J533 Data bus diagnostic interface
- T20a 20-pin connector
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness
- * see applicable current flow diagram for dash panel insert

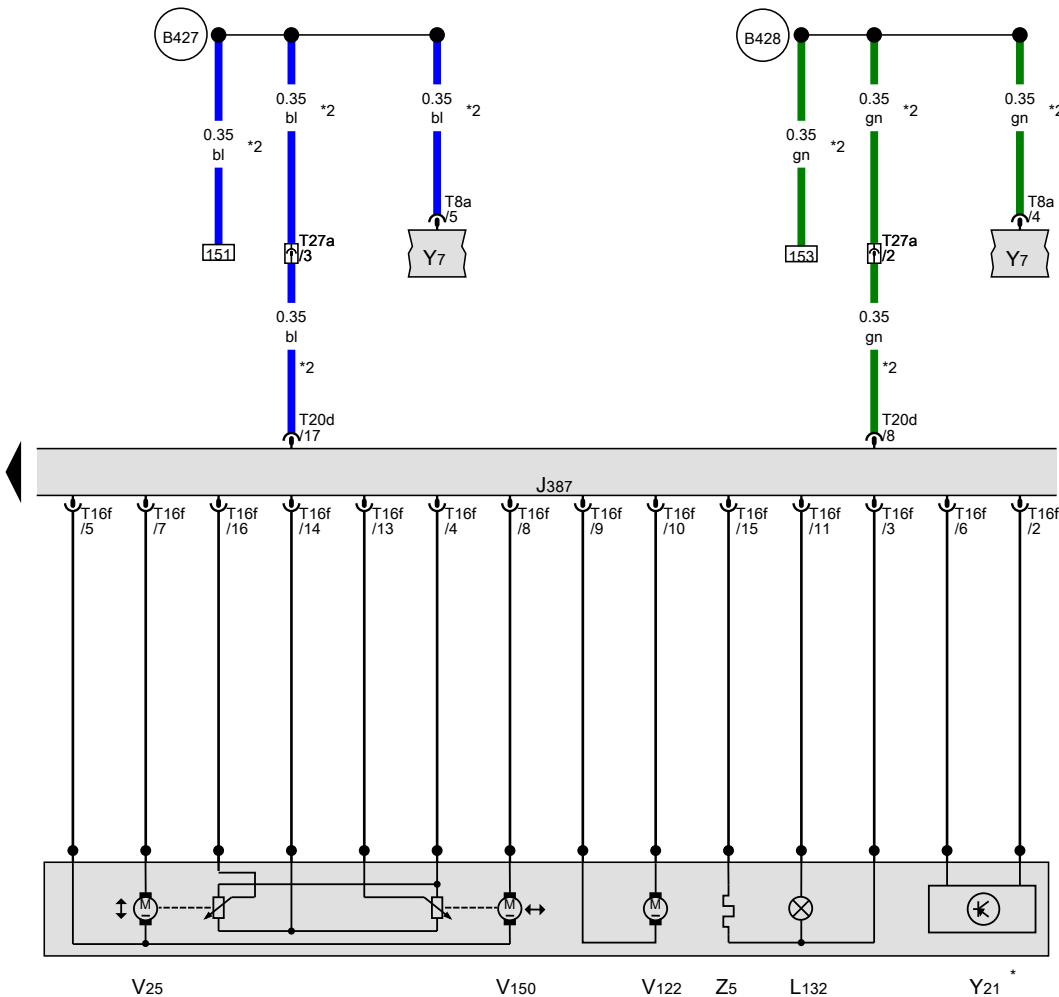
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Front passenger door contact switch, Front passenger side central locking lock unit, Passenger side central locking actuator, Front passenger door control unit, Front passenger door central locking motor, Front passenger door central locking SAFELOCK function motor

- F3 Front passenger door contact switch
- F221 Front passenger side central locking lock unit
- F508 Passenger side central locking actuator
- G416 Front passenger exterior door handle contact sensor
- J387 Front passenger door control unit
- T2lk 2-pin connector
- T6bn 6-pin connector
- T20d 20-pin connector
- T27a 27-pin connector, on right A-pillar, black
- V57 Front passenger door central locking motor
- V162 Front passenger door central locking SAFELOCK function motor

- 304 Earth connection 3, in front passenger side door wiring harness
- 371 Earth connection 6, in main wiring harness
- 638 Earth point, on right A-pillar
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness
- * According to equipment
- *2 For models with entry and start authorisation
- *3 For models with no entry and start authorisation
- *4 see applicable current flow diagram
- *5 For models with background lighting in sill panel mouldings



Front passenger door control unit, Front passenger side turn signal repeater bulb, Front passenger side mirror adjustment motor 2, Front passenger side fold-in mirror motor, Front passenger side mirror adjustment motor, Automatic anti-dazzle exterior mirror, passenger side, Heated exterior mirror on passenger side

- J387 Front passenger door control unit
- L132 Front passenger side turn signal repeater bulb
- T8a 8-pin connector
- T16f 16-pin connector
- T20d 20-pin connector
- T27a 27-pin connector, on right A-pillar, black
- V25 Front passenger side mirror adjustment motor 2
- V122 Front passenger side fold-in mirror motor
- V150 Front passenger side mirror adjustment motor
- Y7 Automatic anti-dazzle interior mirror
- Y21 Automatic anti-dazzle exterior mirror, passenger side
- Z5 Heated exterior mirror on passenger side

B427 Connection 1 (mirror signal), in main wiring harness

B428 Connection 2 (mirror signal), in main wiring harness

- * For models with automatic anti-dazzle exterior mirror
- *2 For models with automatic anti-dazzle interior mirror

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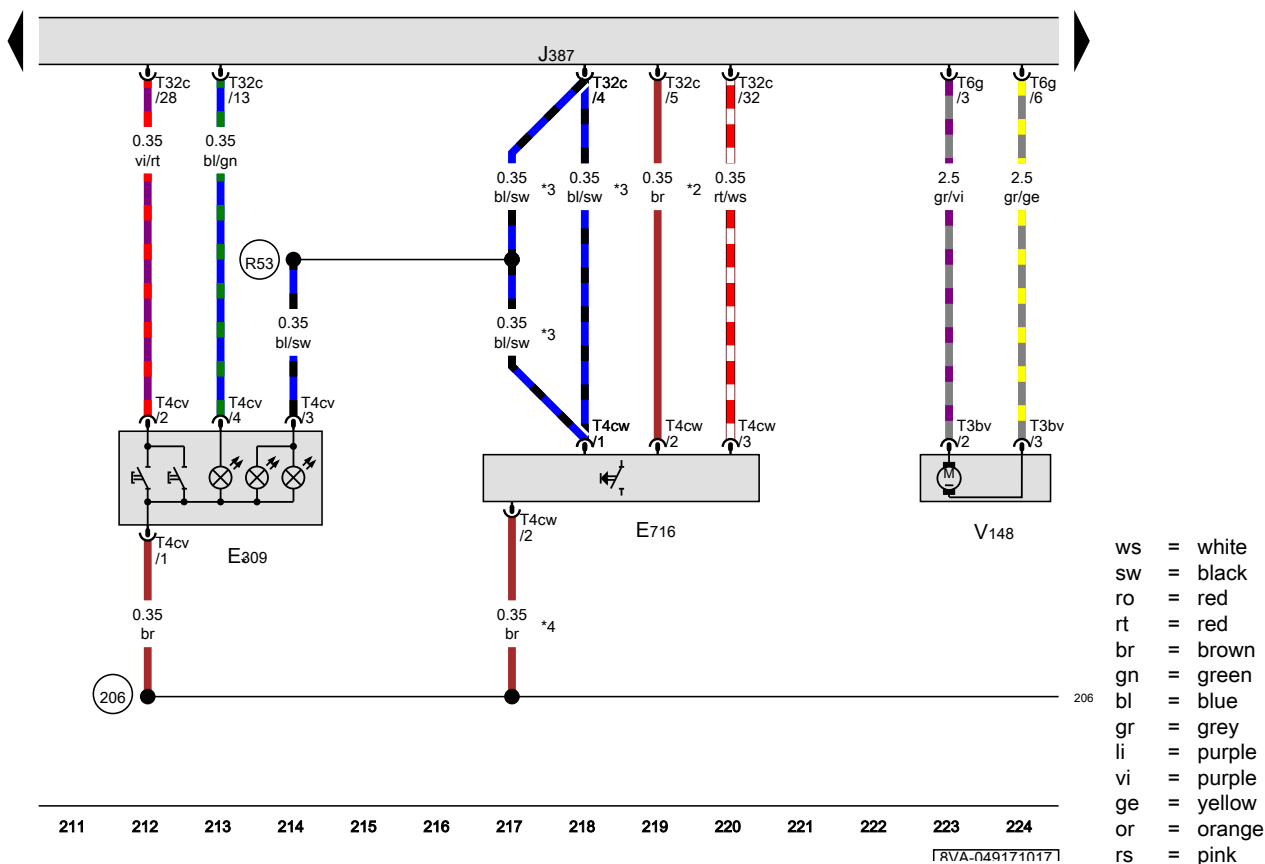
Front passenger side interior locking button for central locking system, Front passenger side window regulator button, Front passenger door control unit, Front passenger side window regulator motor

- E309 Front passenger side interior locking button for central locking system
- E716 Front passenger side window regulator button
- J387 Front passenger door control unit
- T3bv 3-pin connector
- T4cv 4-pin connector
- T4cw 4-pin connector
- T6g 6-pin connector
- T32c 32-pin connector
- V148 Front passenger side window regulator motor

206 Earth connection, in front passenger door wiring harness

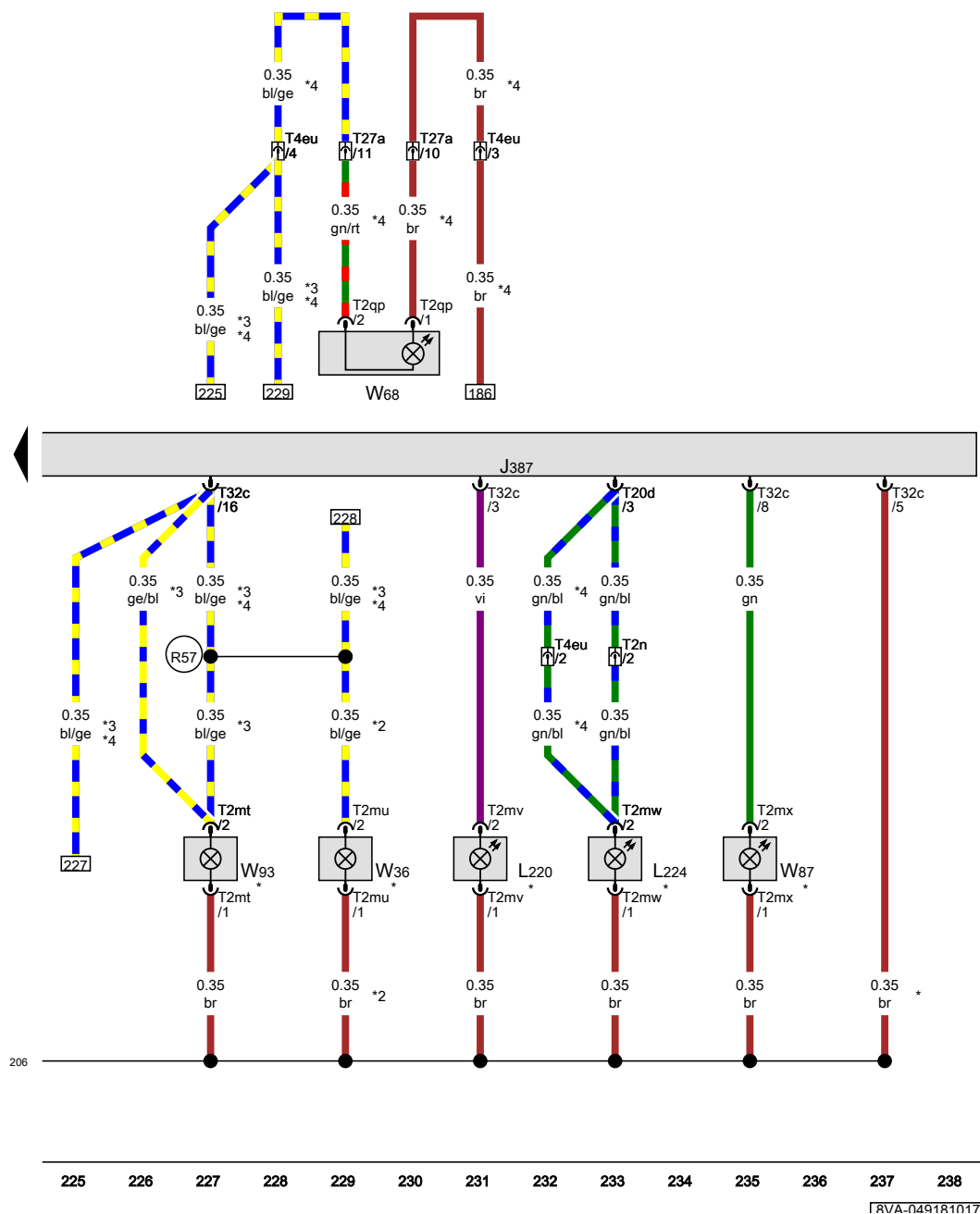
R53 Connection (58s), in driver side door wiring harness

- * For models with front passenger side interior locking button
- *2 For models with no additional lights
- *3 According to equipment
- *4 For models with additional lights



Front passenger door control unit, Light for passenger side interior door handle illumination, Light for passenger side door loudspeaker trim, Front passenger side door warning lamp, Light conductor for front right sill panel moulding background lighting, Light for passenger door background lighting, Passenger side entry light

- J387 Front passenger door control unit
- L220 Light for passenger side interior door handle illumination
- L224 Light for passenger side door loudspeaker trim
- T2mt 2-pin connector
- T2mu 2-pin connector
- T2mv 2-pin connector
- T2mw 2-pin connector
- T2mx 2-pin connector
- T2n 2-pin connector
- T2qp 2-pin connector
- T4eu 4-pin connector
- T20d 20-pin connector
- T27a 27-pin connector
- T32c 32-pin connector
- W36 Front passenger side door warning lamp
- W68 Light conductor for front right sill panel moulding background lighting
- W87 Light for passenger door background lighting
- W93 Passenger side entry light
- 206 Earth connection, in front passenger door wiring harness
- R57 Connection (entry light), in front passenger door wiring harness
- * For models with additional lights
- *2 Up to April 2017
- *3 According to equipment
- *4 For models with background lighting in sill panel mouldings



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Rear driver side door control unit, Light for rear driver side interior door handle illumination, Rear driver side entry light, Light for rear door background lighting, driver side, Rear door warning lamp, driver side

- J926 Rear driver side door control unit
- L221 Light for rear driver side interior door handle illumination
- T2my 2-pin connector
- T2mz 2-pin connector
- T2na 2-pin connector
- T2nb 2-pin connector
- T16i 16-pin connector
- T20j 20-pin connector
- T27b 27-pin connector, on left B-pillar, black
- W83 Rear driver side entry light
- W88 Light for rear door background lighting, driver side
- W90 Rear door warning lamp, driver side

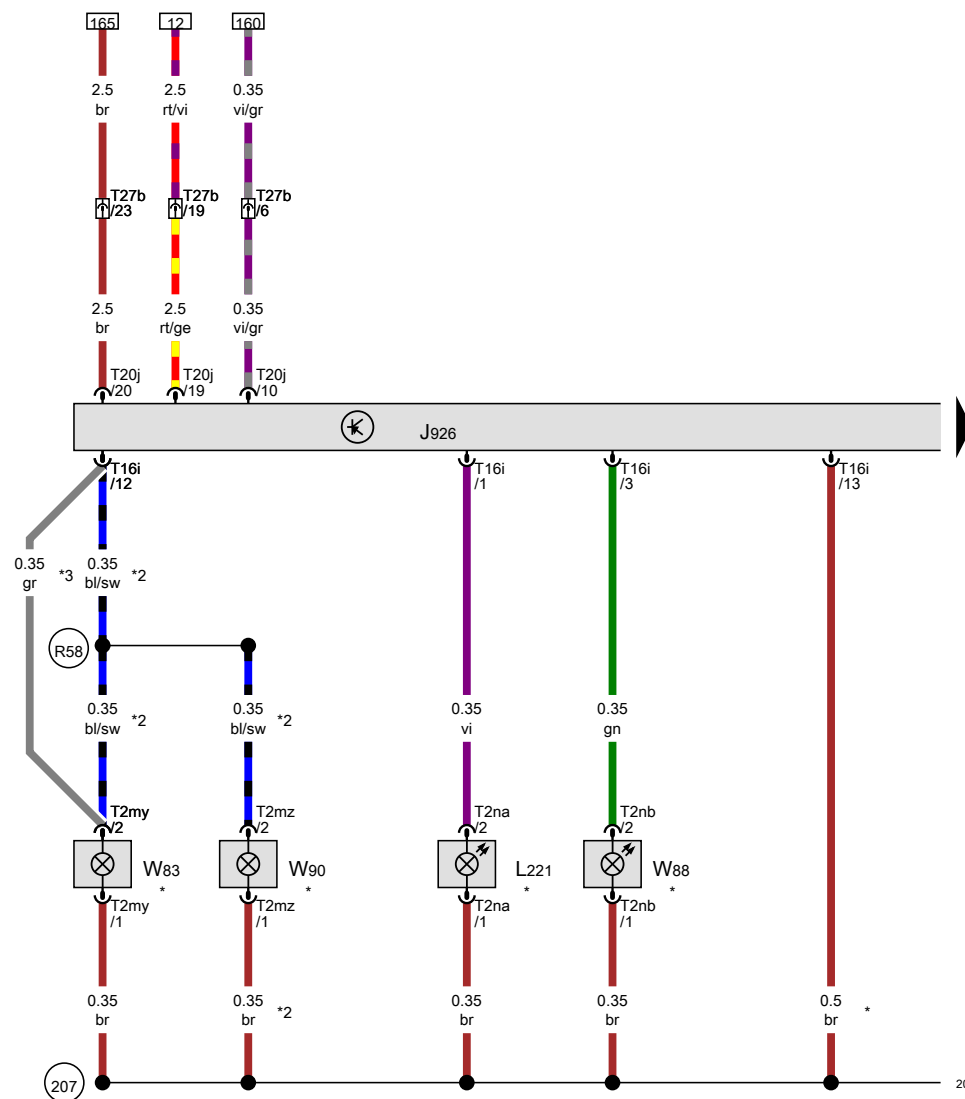
207 Earth connection, in rear left door wiring harness

R58 Connection (entry light), in rear left door wiring harness

* For models with additional lights

*2 Up to April 2017

*3 From May 2017



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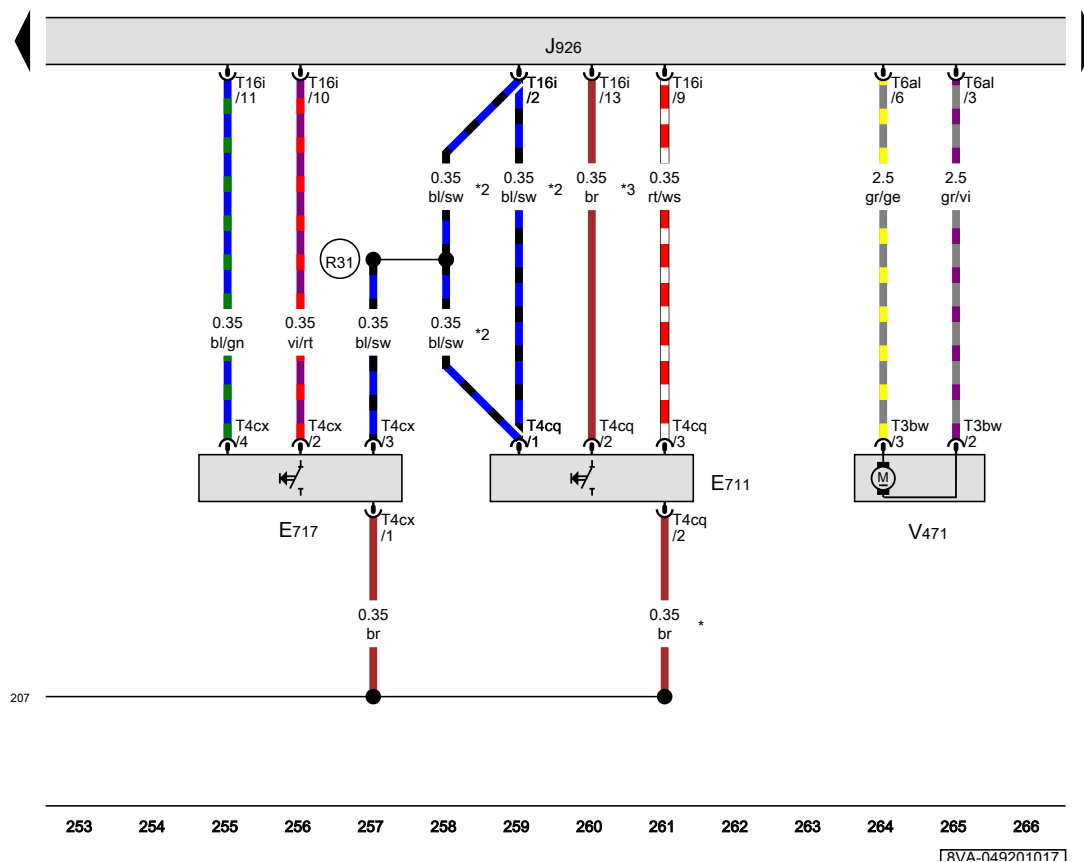
Rear driver side window regulator button, Rear driver side interior locking button for central locking system, Rear driver side door control unit, Rear driver side window regulator motor

- E711 Rear driver side window regulator button
- E717 Rear driver side interior locking button for central locking system
- J926 Rear driver side door control unit
- T3bw 3-pin connector
- T4cq 4-pin connector
- T4cx 4-pin connector
- T6al 6-pin connector
- T16i 16-pin connector
- V471 Rear driver side window regulator motor

207 Earth connection, in rear left door wiring harness

R31 Connection 1, in rear left door wiring harness

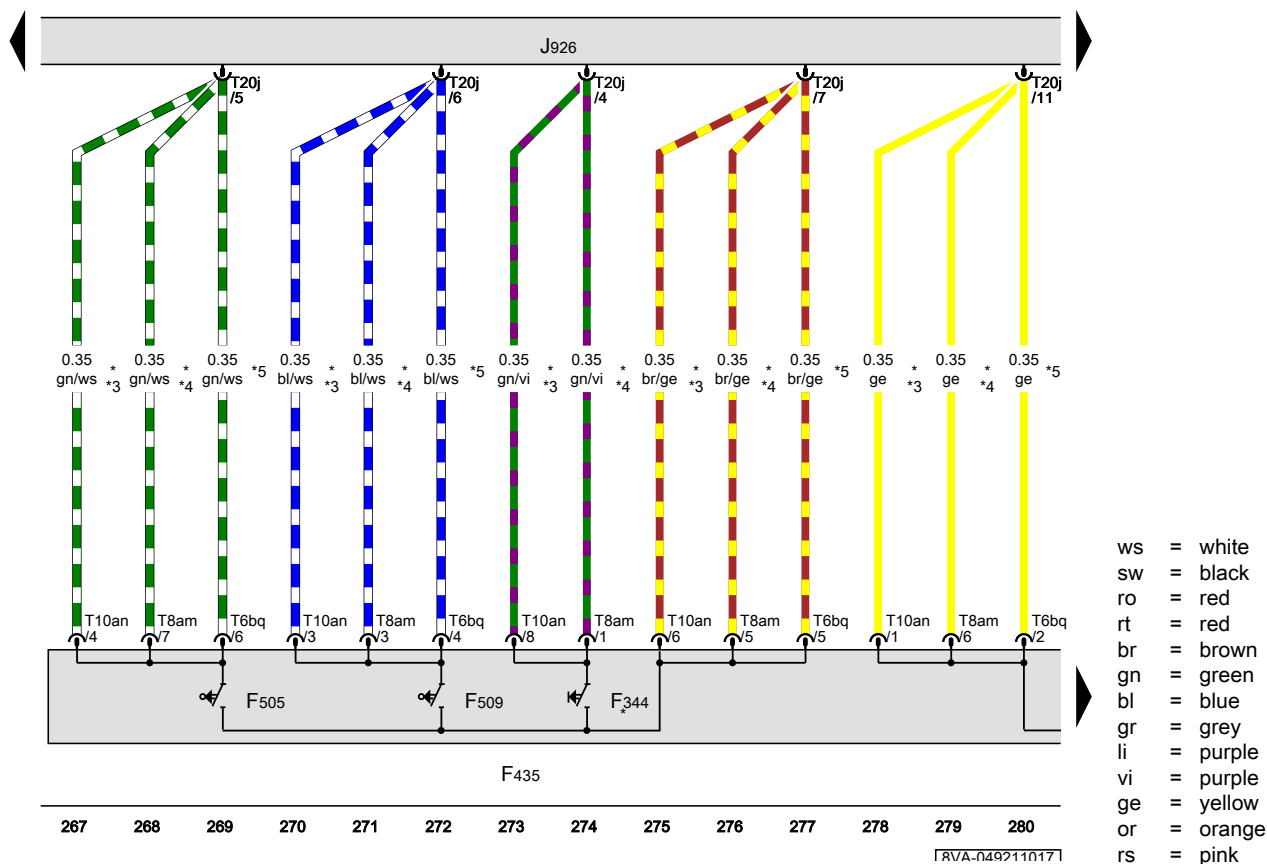
- * For models with additional lights
- *2 According to equipment
- *3 For models with no additional lights



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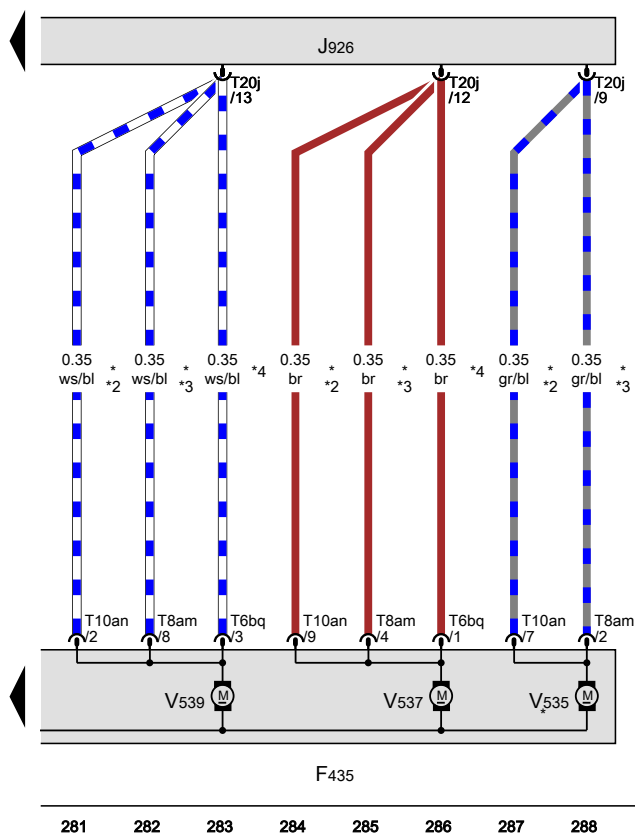
Rear driver side central locking lock unit, Rear driver side door control unit

- F344 Rear left childproof lock contact switch
- F435 Rear driver side central locking lock unit
- F505 Rear door contact switch, driver side
- F509 Rear central locking actuator, driver side
- J926 Rear driver side door control unit
- T6bq 6-pin connector
- T8am 8-pin connector
- T10an 10-pin connector
- T20j 20-pin connector
- * For models with childproof locks
- *2 For models with entry and start authorisation
- *3 Up to October 2015
- *4 From November 2015
- *5 For models with no childproof locks



Rear driver side central locking lock unit, Rear driver side door control unit

- F435 Rear driver side central locking lock unit
- J926 Rear driver side door control unit
- T6bq 6-pin connector
- T8am 8-pin connector
- T10an 10-pin connector
- T20j 20-pin connector
- V535 Rear childproof lock motor, driver side
- V537 Rear central locking SAFELOCK function motor, driver side
- V539 Rear central locking motor, driver side
- * For models with childproof locks
- *2 Up to October 2015
- *3 From November 2015
- *4 For models with no childproof locks



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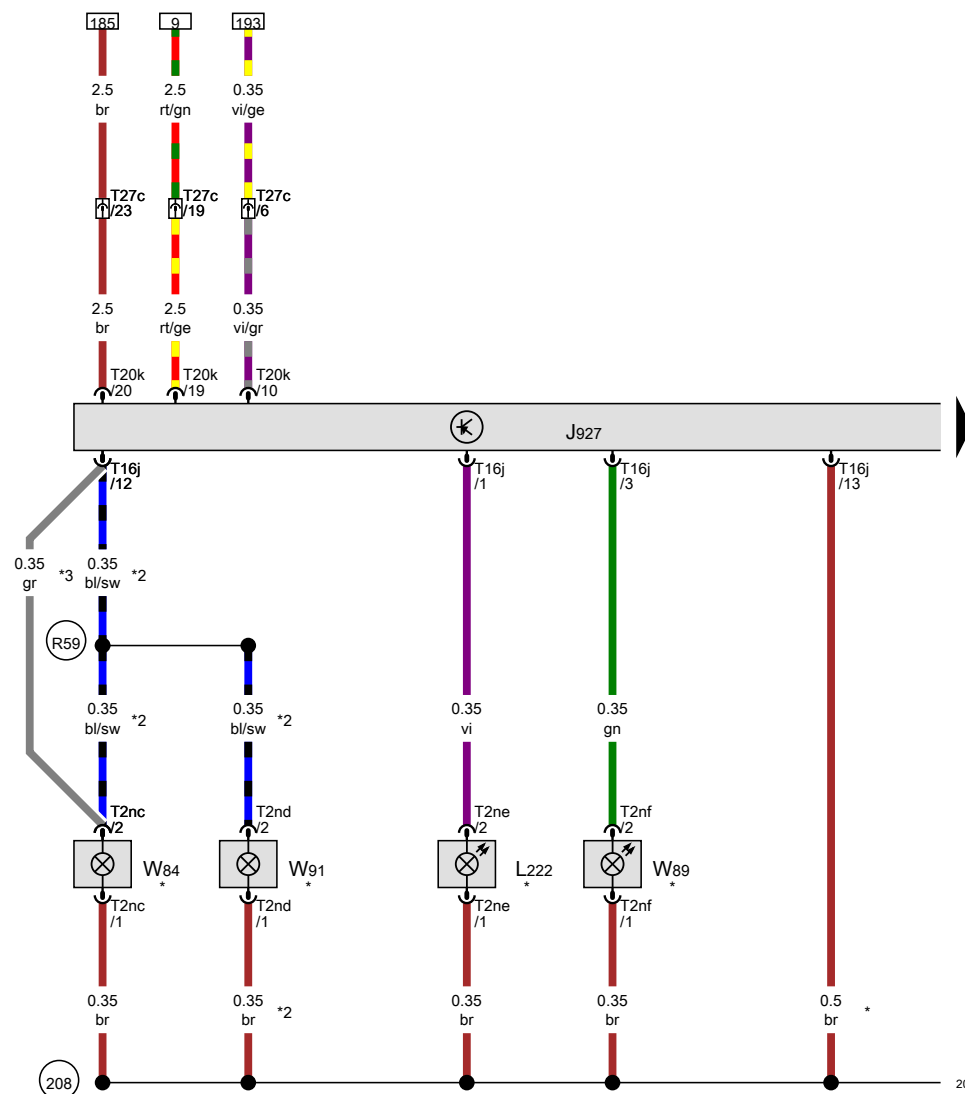
Rear passenger side door control unit, Light for rear passenger side interior door handle illumination, Rear passenger side entry light, Light for rear door background lighting, passenger side, Rear door warning lamp, passenger side

- J927 Rear passenger side door control unit
- L222 Light for rear passenger side interior door handle illumination
- T2nc 2-pin connector
- T2nd 2-pin connector
- T2ne 2-pin connector
- T2nf 2-pin connector
- T16j 16-pin connector
- T20k 20-pin connector
- T27c 27-pin connector, on right B-pillar, black
- W84 Rear passenger side entry light
- W89 Light for rear door background lighting, passenger side
- W91 Rear door warning lamp, passenger side

208 Earth connection, in rear right door wiring harness

R59 Connection (entry light), in rear right door wiring harness

- * For models with additional lights
- *2 Up to April 2017
- *3 From May 2017



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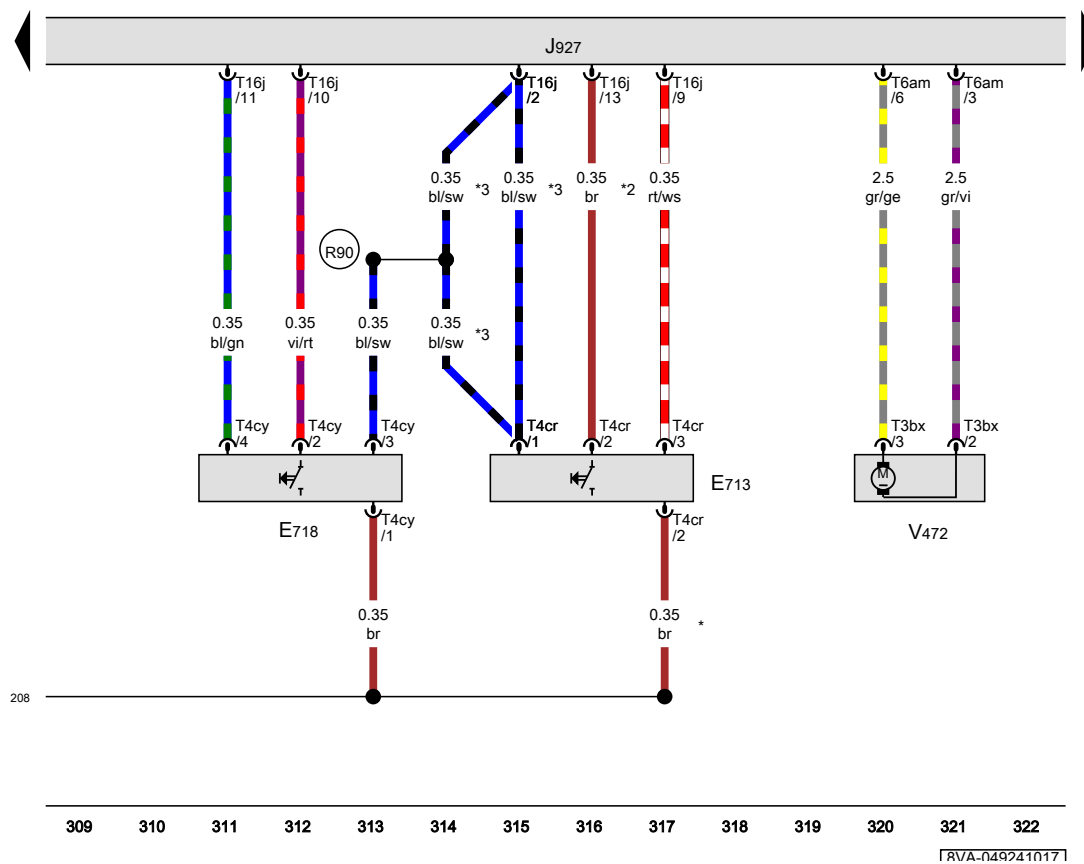
Rear passenger side window regulator button, Rear passenger side interior locking button for central locking system, Rear passenger side door control unit, Rear passenger side window regulator motor

- E713 Rear passenger side window regulator button
- E718 Rear passenger side interior locking button for central locking system
- J927 Rear passenger side door control unit
- T3bx 3-pin connector
- T4cr 4-pin connector
- T4cy 4-pin connector
- T6am 6-pin connector
- T16j 16-pin connector
- V472 Rear passenger side window regulator motor

208 Earth connection, in rear right door wiring harness

R90 Connection 1, in rear right door wiring harness

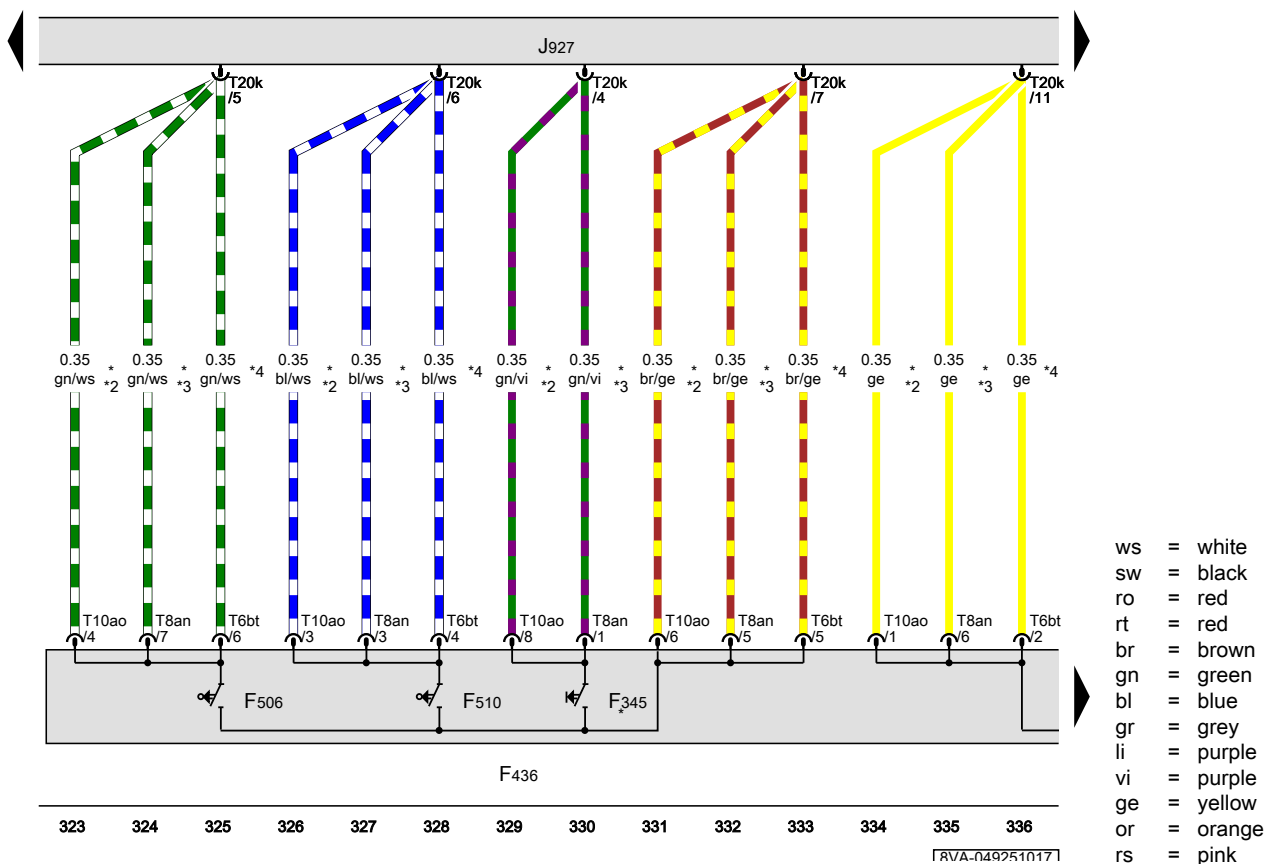
- * For models with additional lights
- *2 For models with no additional lights
- *3 According to equipment



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- gn = green
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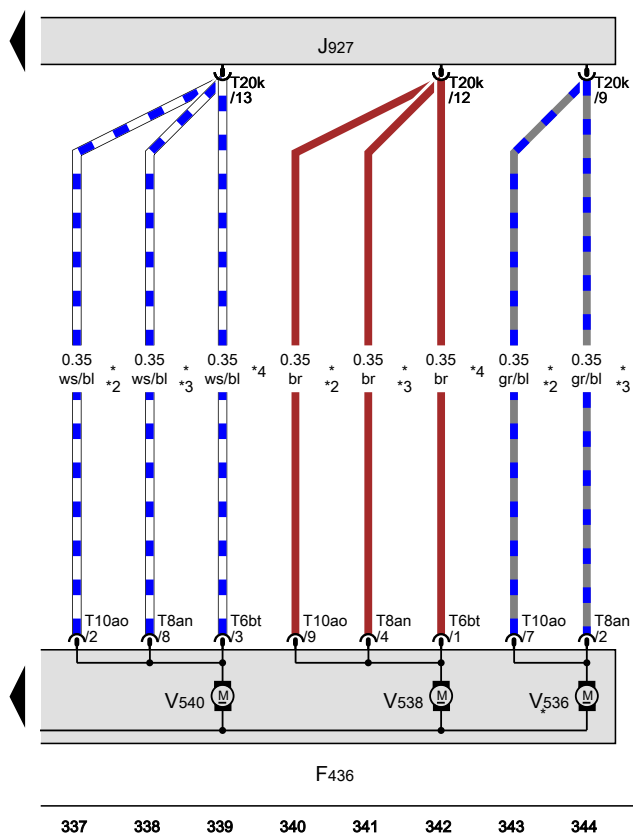
Rear passenger side central locking lock unit, Rear passenger side door control unit

- F345 Rear right childproof lock contact switch
- F436 Rear passenger side central locking lock unit
- F506 Rear door contact switch, passenger side
- F510 Rear central locking actuator, passenger side
- J927 Rear passenger side door control unit
- T6bt 6-pin connector
- T8an 8-pin connector
- T10ao 10-pin connector
- T20k 20-pin connector
- * For models with childproof locks
- *2 Up to October 2015
- *3 From November 2015
- *4 For models with no childproof locks



Rear passenger side central locking lock unit, Rear passenger side door control unit

- F436 Rear passenger side central locking lock unit
- J927 Rear passenger side door control unit
- T6bt 6-pin connector
- T8an 8-pin connector
- T10ao 10-pin connector
- T20k 20-pin connector
- V536 Rear childproof lock motor, passenger side
- V538 Rear central locking SAFELOCK function motor, passenger side
- V540 Rear central locking motor, passenger side
- * For models with childproof locks
- *2 Up to October 2015
- *3 From November 2015
- *4 For models with no childproof locks

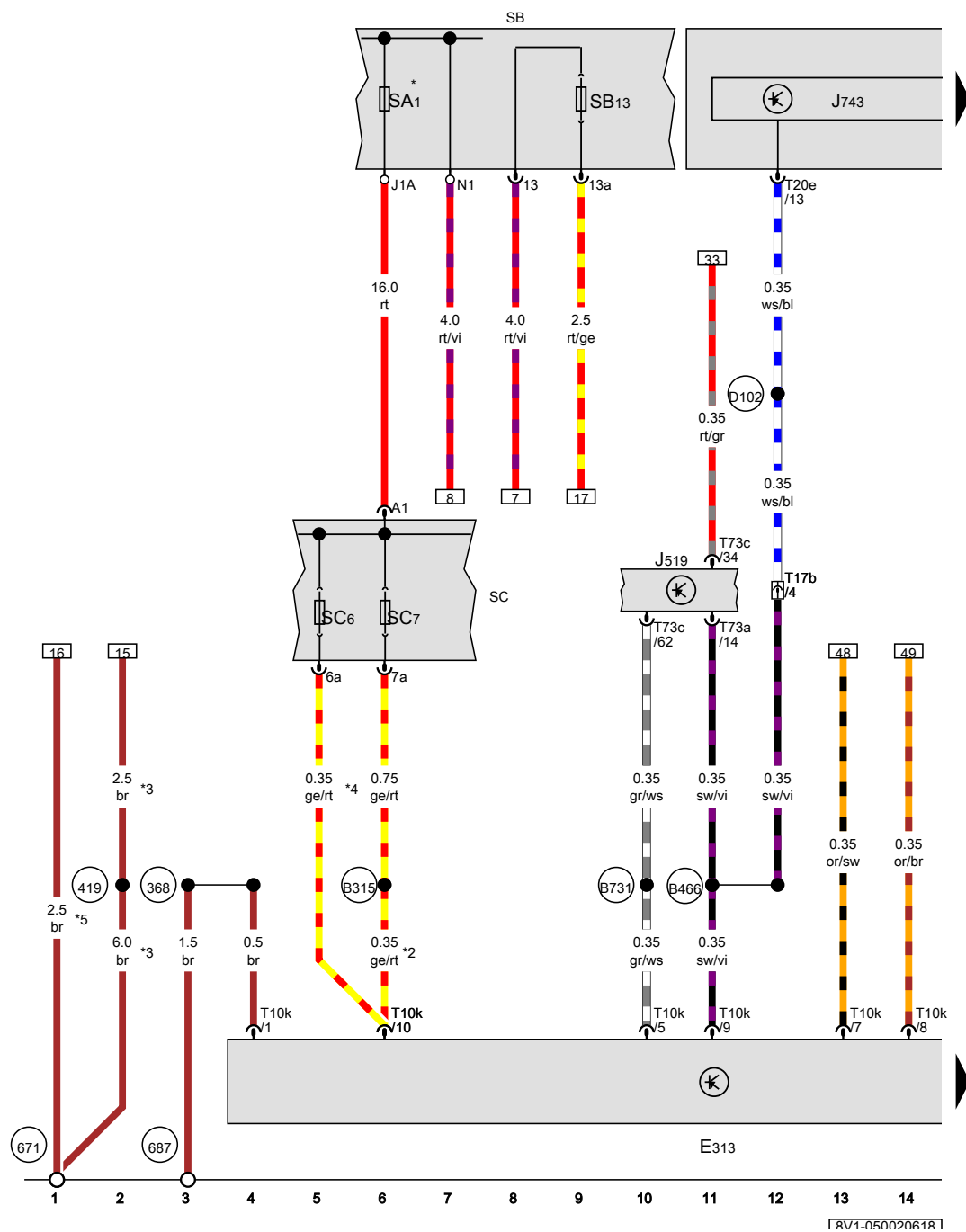


[8VA-049261017]



Dual clutch gearbox 0D9 , (0ES)

From September 2012

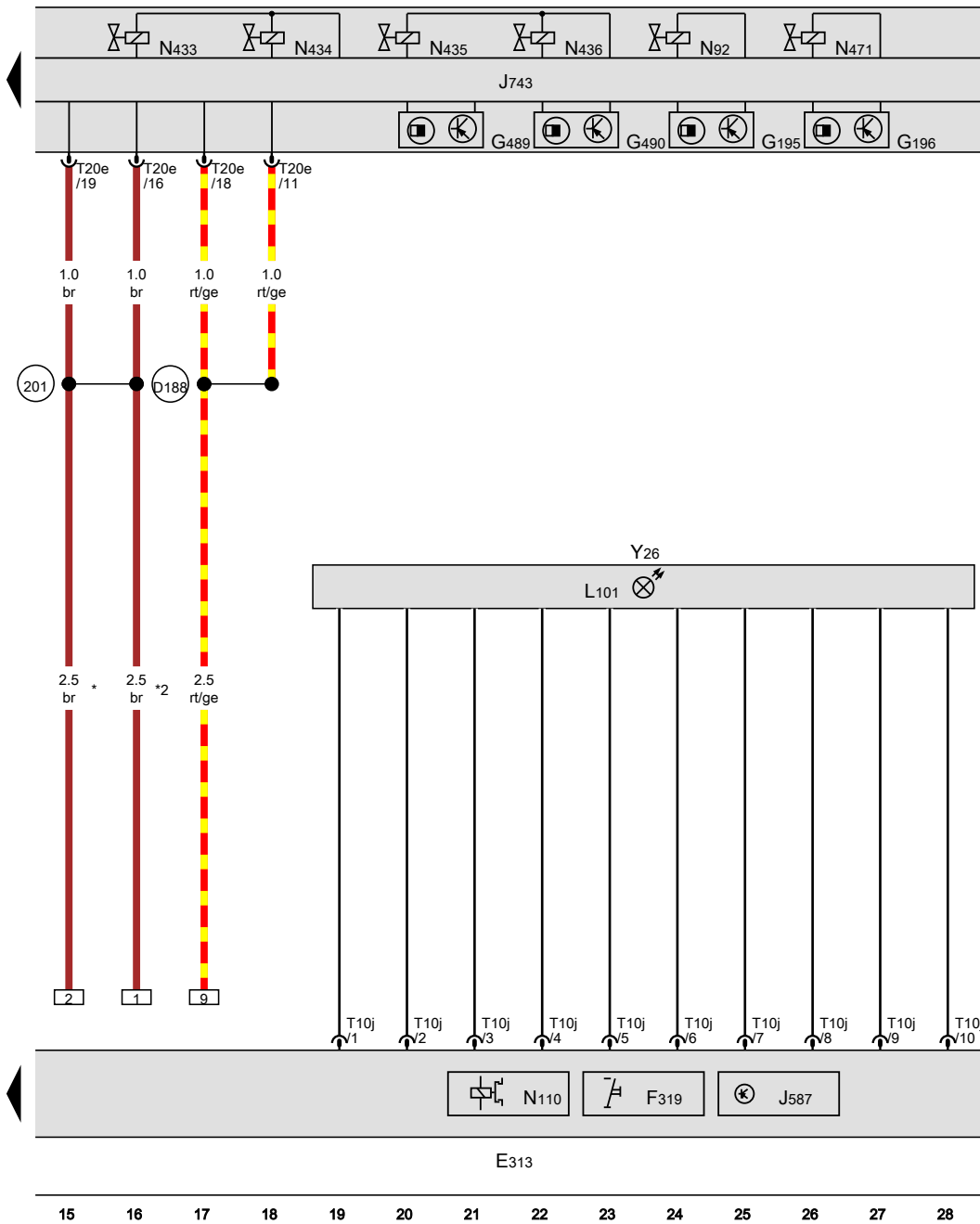


Selector lever, Onboard supply control unit, Mechatronic unit for dual clutch gearbox

- E313 Selector lever
- J519 Onboard supply control unit
- J743 Mechatronic unit for dual clutch gearbox
- SA1 Fuse 1 on fuse holder A
- SB Fuse holder B
- SB13 Fuse 13 on fuse holder B
- SC Fuse holder C
- SC6 Fuse 6 on fuse holder C
- SC7 Fuse 7 on fuse holder C
- T10k 10-pin connector
- T17b 17-pin connector
- T20e 20-pin connector
- T73a 73-pin connector
- T73c 73-pin connector

- 368 Earth connection 3, in main wiring harness
- 419 Earth connection 11, in engine compartment wiring harness
- 671 Earth point 1, on front of left longitudinal member
- 687 Earth point 1, on centre tunnel
- B315 Positive connection 1 (30a) in main wiring harness
- B466 Connection 2, in main wiring harness
- B731 Connection 1 (58s), in main wiring harness
- D102 Connection 2 in engine compartment wiring harness

- * see applicable current flow diagram for battery in engine compartment
- *2 Up to April 2015
- *3 gradual introduction
- *4 From May 2015
- *5 Gradually discontinued



Selector lever, Selector lever locked in position P switch, Selector lever sensors control unit, Mechatronic unit for dual clutch gearbox, Solenoid valve 5, Selector lever lock solenoid, Valve 1 in gear train half 1, Valve 2 in gear train half 1, Valve 3 in gear train half 1, Valve 4 in gear train half 1, Cooling oil valve, Selector lever position display

- E313 Selector lever
- F319 Selector lever locked in position P switch
- G195 Gearbox output speed sender
- G196 Gearbox output speed sender 2
- G489 Gear selector movement sensor 3
- G490 Gear selector movement sensor 4
- J587 Selector lever sensors control unit
- J743 Mechatronic unit for dual clutch gearbox
- L101 Selector lever display illumination bulb
- N92 Solenoid valve 5
- N110 Selector lever lock solenoid
- N433 Valve 1 in gear train half 1
- N434 Valve 2 in gear train half 1
- N435 Valve 3 in gear train half 1
- N436 Valve 4 in gear train half 1
- N471 Cooling oil valve
- T10j 10-pin connector
- T20e 20-pin connector
- Y26 Selector lever position display

201 Earth connection 5, in engine compartment wiring harness

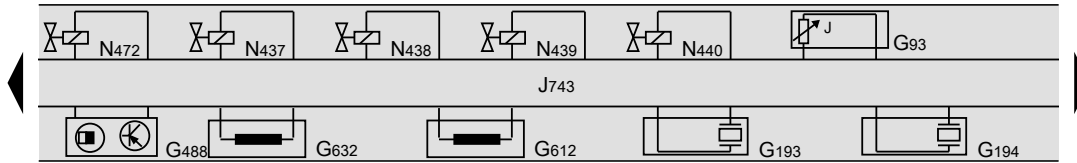
D188 Positive connection 3 (30a), in engine compartment wiring harness

* gradual introduction

*2 Gradually discontinued

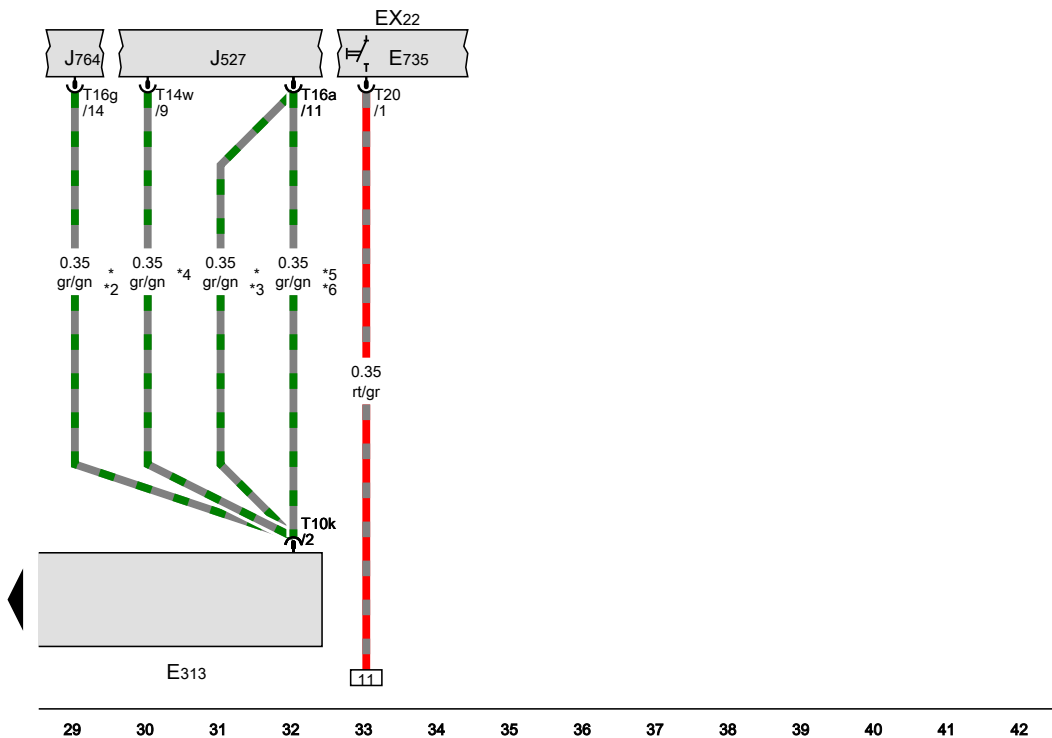
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18V1-050030R1R1



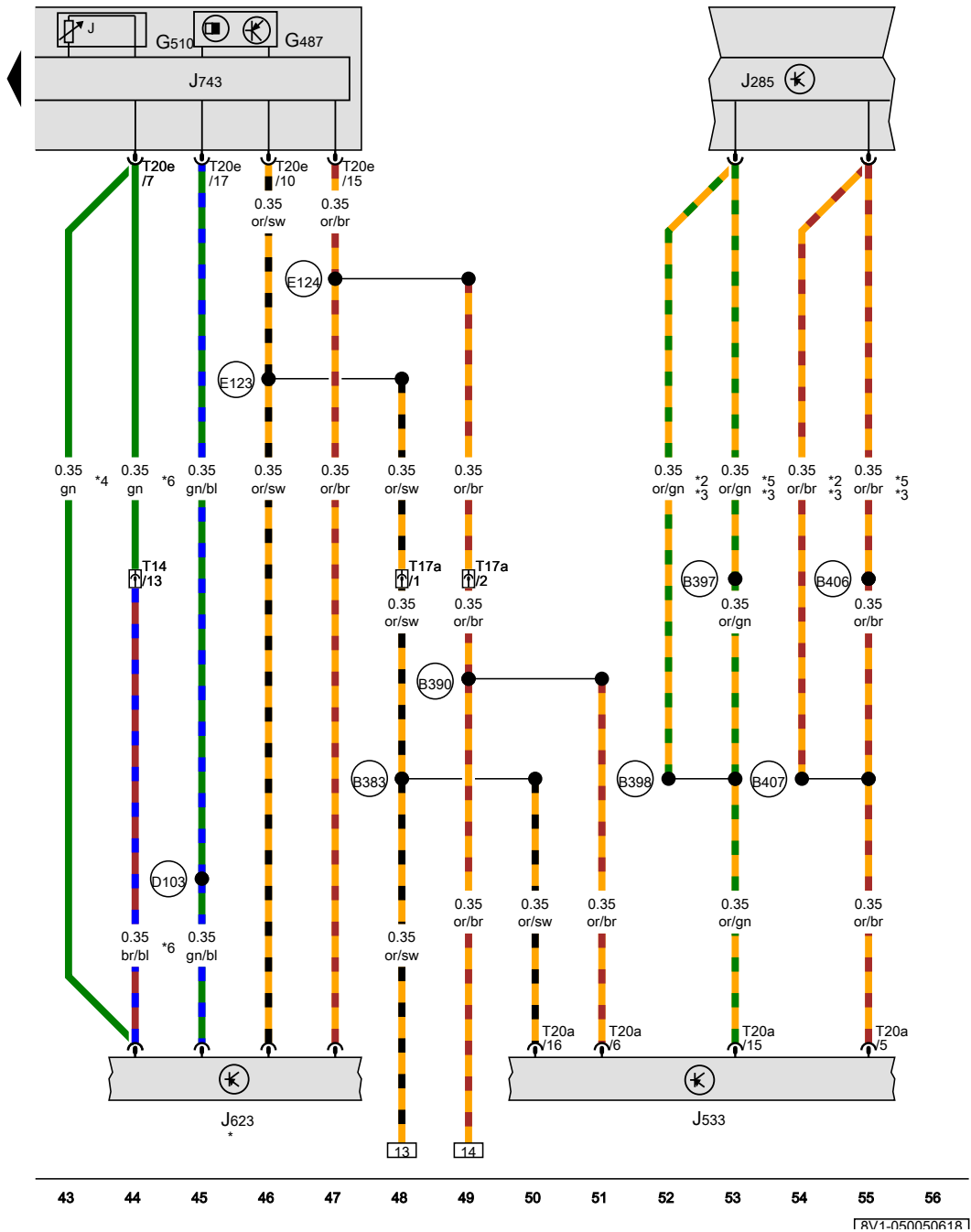
Selector lever, Gearbox oil temperature sender, Automatic gearbox hydraulic pressure sender 1, Automatic gearbox hydraulic pressure sender 2, Gearbox input speed sender 2, Gearbox input speed sender 1, Mechatronic unit for dual clutch gearbox, Valve 1 in gear train half 2, Valve 2 in gear train half 2, Valve 3 in gear train half 2, Valve 4 in gear train half 2, Main pressure valve

- EX22 Centre switch module in dash panel
- E313 Selector lever
- E735 Driving mode selection button
- G93 Gearbox oil temperature sender
- G193 Automatic gearbox hydraulic pressure sender 1
- G194 Automatic gearbox hydraulic pressure sender 2
- G488 Gear selector movement sensor 2
- G612 Gearbox input speed sender 2
- G632 Gearbox input speed sender 1
- J527 Steering column electronics control unit
- J743 Mechatronic unit for dual clutch gearbox
- J764 Control unit for electronic steering column lock
- N437 Valve 1 in gear train half 2
- N438 Valve 2 in gear train half 2
- N439 Valve 3 in gear train half 2
- N440 Valve 4 in gear train half 2
- N472 Main pressure valve
- T10k 10-pin connector
- T14w 14-pin connector, black
- T16a 16-pin connector
- T16g 16-pin connector
- T20 20-pin connector, red
- * Up to October 2013
- *2 For models with entry and start authorisation
- *3 For models with no entry and start authorisation
- *4 For models with heated steering wheel
- *5 From November 2013
- *6 For models with no heated steering wheel



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18V1-0500406181



Temperature sender in control unit, Control unit in dash panel insert, Data bus diagnostic interface, Engine/motor control unit, Mechatronic unit for dual clutch gearbox

- G487 Gear selector movement sensor 1
- G510 Temperature sender in control unit
- J285 Control unit in dash panel insert
- J533 Data bus diagnostic interface
- J623 Engine/motor control unit
- J743 Mechatronic unit for dual clutch gearbox
- T14 14-pin connector
- T17a 17-pin connector
- T20a 20-pin connector
- T20e 20-pin connector
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness
- D103 Connection 3 in engine compartment wiring harness
- E123 Connection 1 (powertrain CAN bus, high), in engine wiring harness
- E124 Connection 1 (powertrain CAN bus, low), in engine wiring harness
- * see applicable current flow diagram for engine
- *2 For right-hand drive models
- *3 see applicable current flow diagram for dash panel insert
- *4 For models with diesel engine
- *5 For left-hand drive models
- *6 For models with petrol engine

Ring break diagnosis

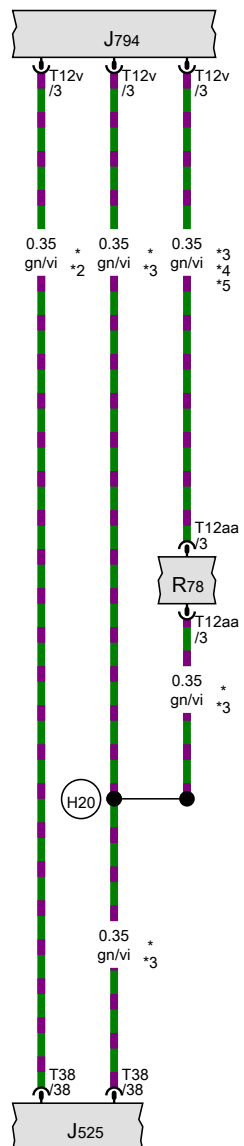
From September 2012

Digital sound package control unit, Control unit 1 for information electronics, TV tuner

- J525 Digital sound package control unit
- J794 Control unit 1 for information electronics
- R78 TV tuner
- T12aa 12-pin connector
- T12v 12-pin connector
- T38 38-pin connector

H20 Connection 1, in diagnosis wiring harness

- * Only models with Bang & Olufsen sound system
- *2 Only models with no TV receiver
- *3 Only models with TV tuner
- *4 Only models with passive loudspeakers
- *5 Only models with active loudspeakers

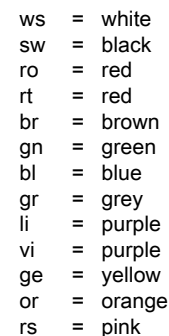


- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

18V1-0510211161

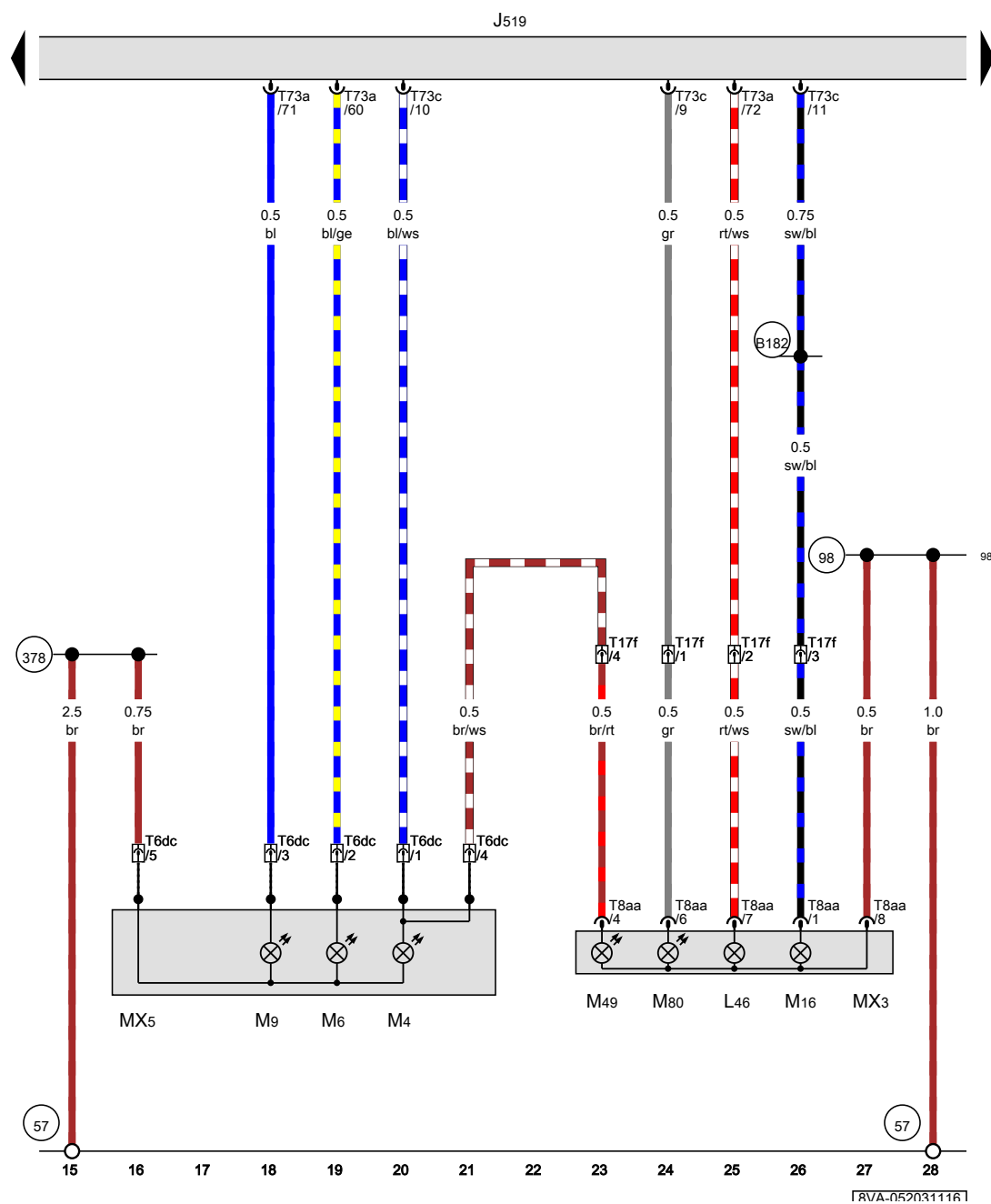
Tail light cluster with LED, 5-door vehicle , (8SP),(8SK)

From September 2012



A	Battery
J519	Onboard supply control unit
SA	Fuse holder A
SA1	Fuse 1 on fuse holder A
SA4	Fuse 4 on fuse holder A
SC	Fuse holder C
SC23	Fuse 23 on fuse holder C
SC31	Fuse 31 on fuse holder C
SC42	Fuse 42 on fuse holder C
SC43	Fuse 43 on fuse holder C
T73a	73-pin connector
T73c	73-pin connector
369	Earth connection 4, in main wiring harness
639	Earth point, left A-pillar
*	see applicable current flow diagram for battery in engine compartment

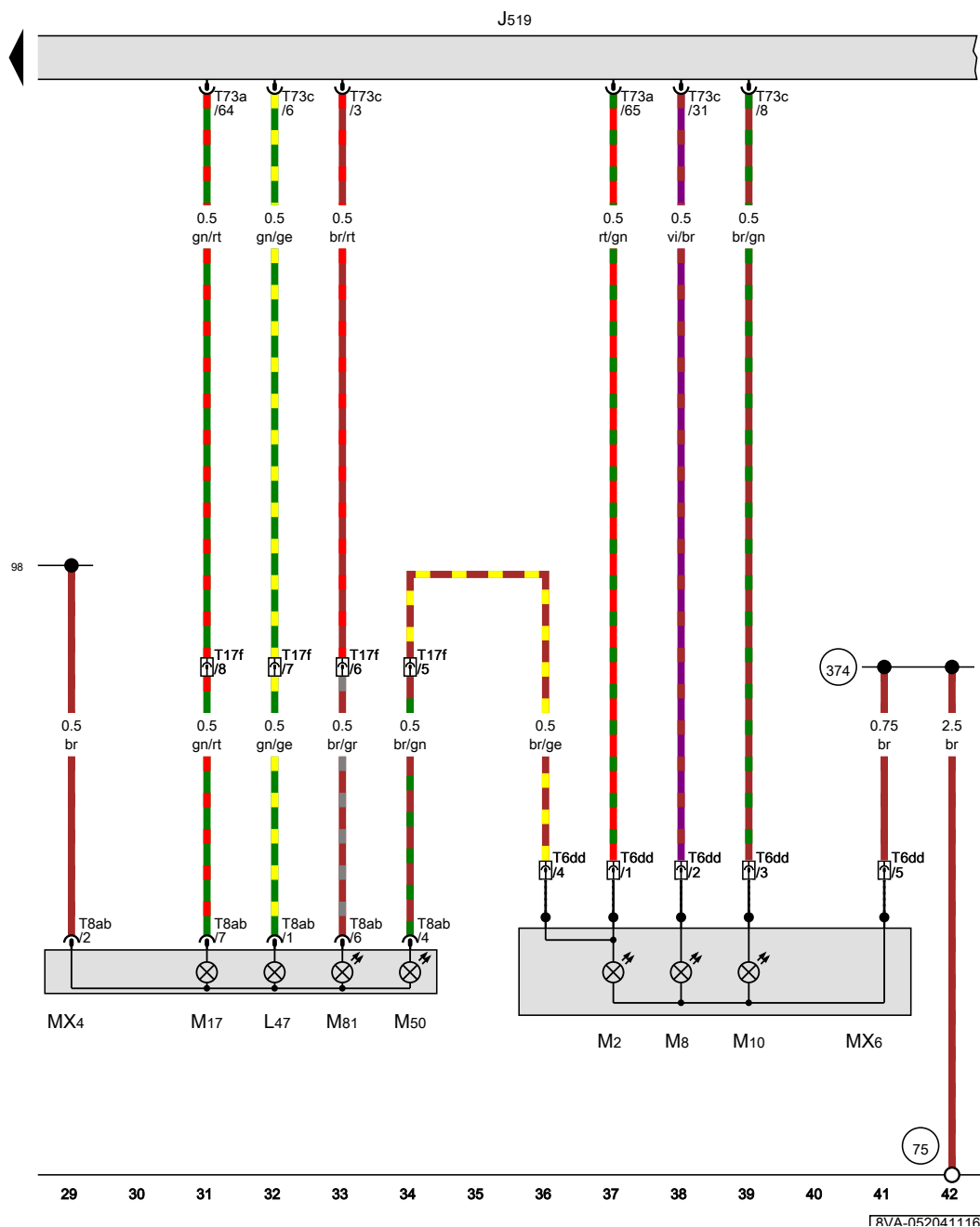
Onboard supply control unit, Left tail light, Left tail light 2



J519	Onboard supply control unit
L46	Rear left fog light bulb
MX3	Left tail light
M4	Left tail light bulb
MX5	Left tail light 2
M6	Rear left turn signal bulb
M9	Left brake light bulb
M16	Left reversing light bulb
M49	Left tail light bulb 2
M80	Bulb 2 for rear left turn signal
T6dc	6-pin connector
T8aa	8-pin connector
T17f	17-pin connector
T73a	73-pin connector
T73c	73-pin connector

- 57 Earth point, rear left pillar
- 98 Earth connection, in rear lid wiring harness
- 378 Earth connection 13, in main wiring harness
- B182 Connection (RL), in interior wiring harness

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
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vi = purple
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or = orange
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Onboard supply control unit, Right tail light, Right tail light 2

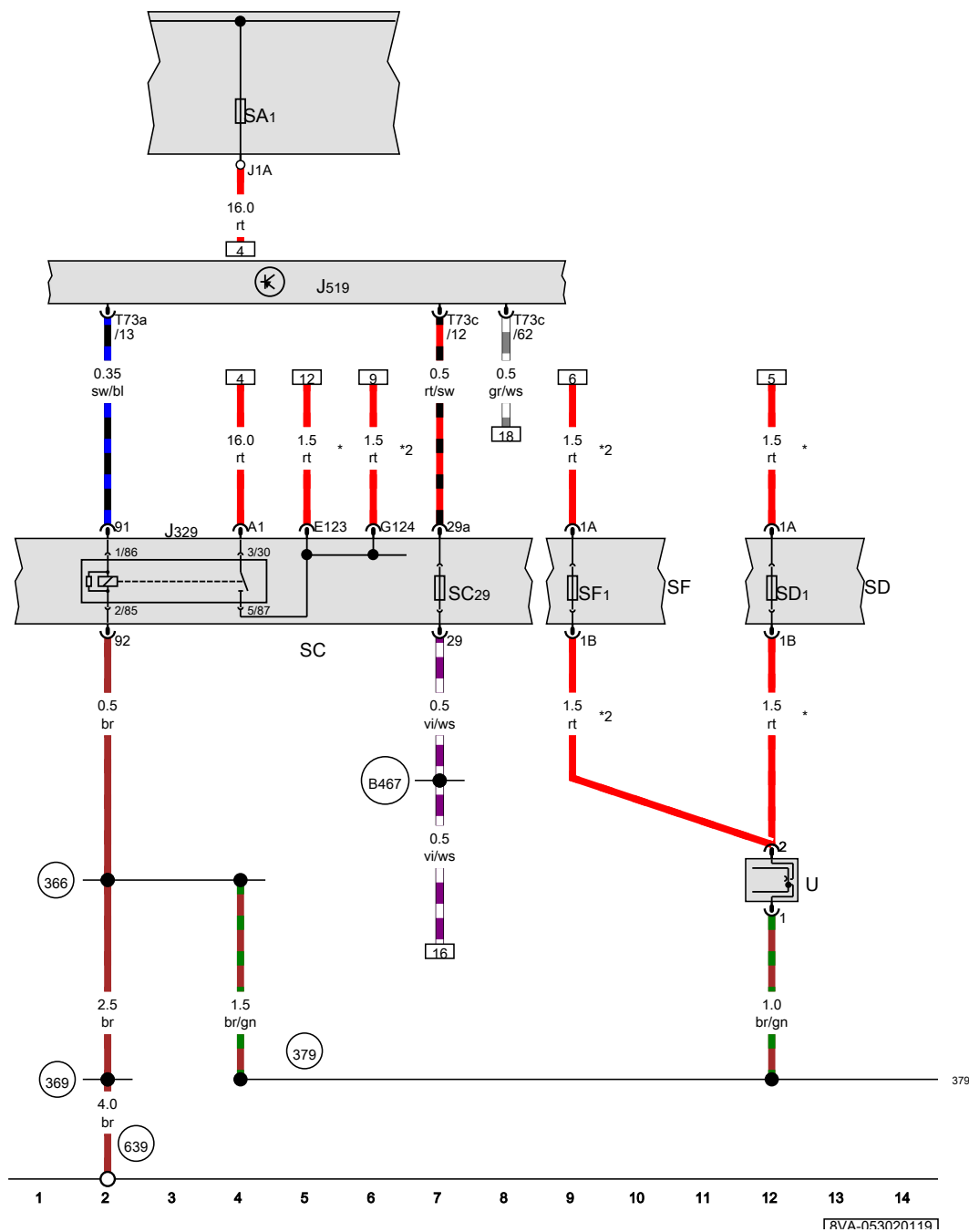
- J519 Onboard supply control unit
- L47 Rear right fog light bulb
- M2 Right tail light bulb
- MX4 Right tail light
- MX6 Right tail light 2
- M8 Rear right turn signal bulb
- M10 Right brake light bulb
- M17 Right reversing light bulb
- M50 Right tail light bulb 2
- M81 Bulb 2 for rear right turn signal
- T6dd 6-pin connector
- T8ab 8-pin connector
- T17f 17-pin connector
- T73a 73-pin connector
- T73c 73-pin connector

- 75 Earth point, rear right pillar
- 98 Earth connection, in rear lid wiring harness
- 374 Earth connection 9, in main wiring harness

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
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 li = purple
 vi = purple
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 or = orange
 rs = pink

Driving school , (F5F)

From August 2012



Terminal 15 voltage supply relay, Onboard supply control unit, Fuse holder C, Fuse holder D, Fuse holder F, Electric socket

- J329 Terminal 15 voltage supply relay
- J519 Onboard supply control unit
- SC Fuse holder C
- SF1 Fuse 1 in fuse holder F
- SD1 Fuse 1 on fuse holder D
- SA1 Fuse 1 on fuse holder A
- SC29 Fuse 29 on fuse holder C
- SD Fuse holder D
- SF Fuse holder F
- T73a 73-pin connector
- T73c 73-pin connector
- U Electric socket

366 Earth connection 1, in main wiring harness

369 Earth connection 4, in main wiring harness

379 Earth connection 14, in main wiring harness

639 Earth point, left A-pillar

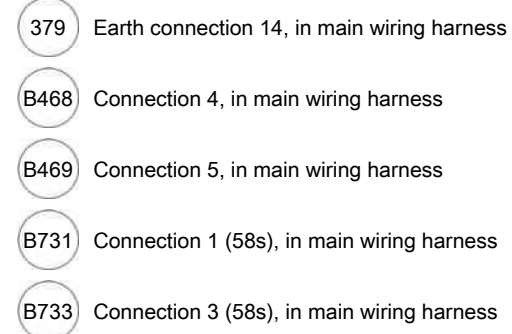
B467 Connection 3, in main wiring harness

* Up to April 2013

*2 From May 2013

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

E295	Footwell light switch
E296	Warning buzzer switch
J746	Driving school mode relay, on left under dash panel
K96	Warning lamp

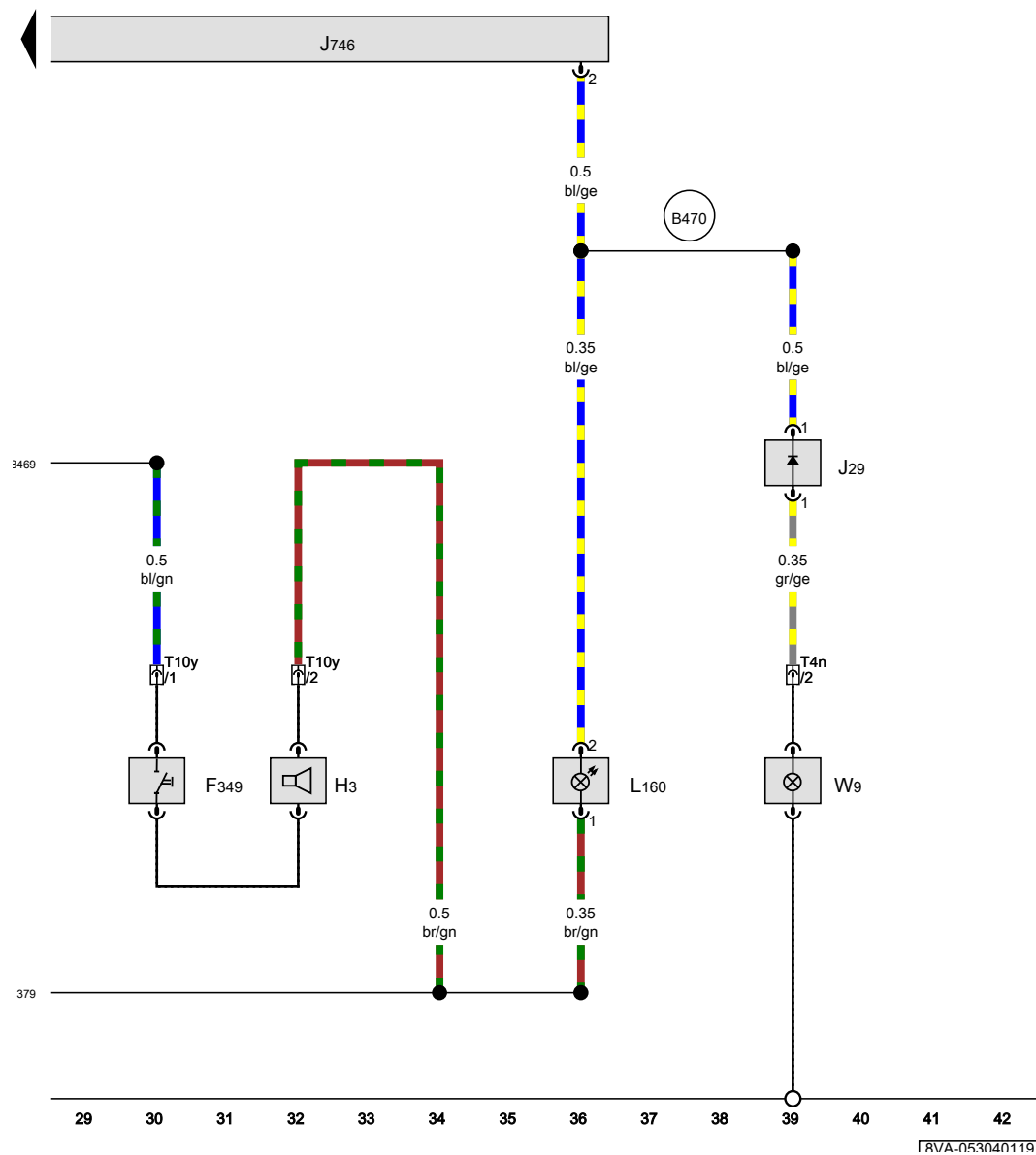


ws	=	white
sw	=	black
ro	=	red
rt	=	red
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vi	=	purple
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or	=	orange
rs	=	pink

Pedal switch for warning buzzer on front passenger side,
Driving school mode relay

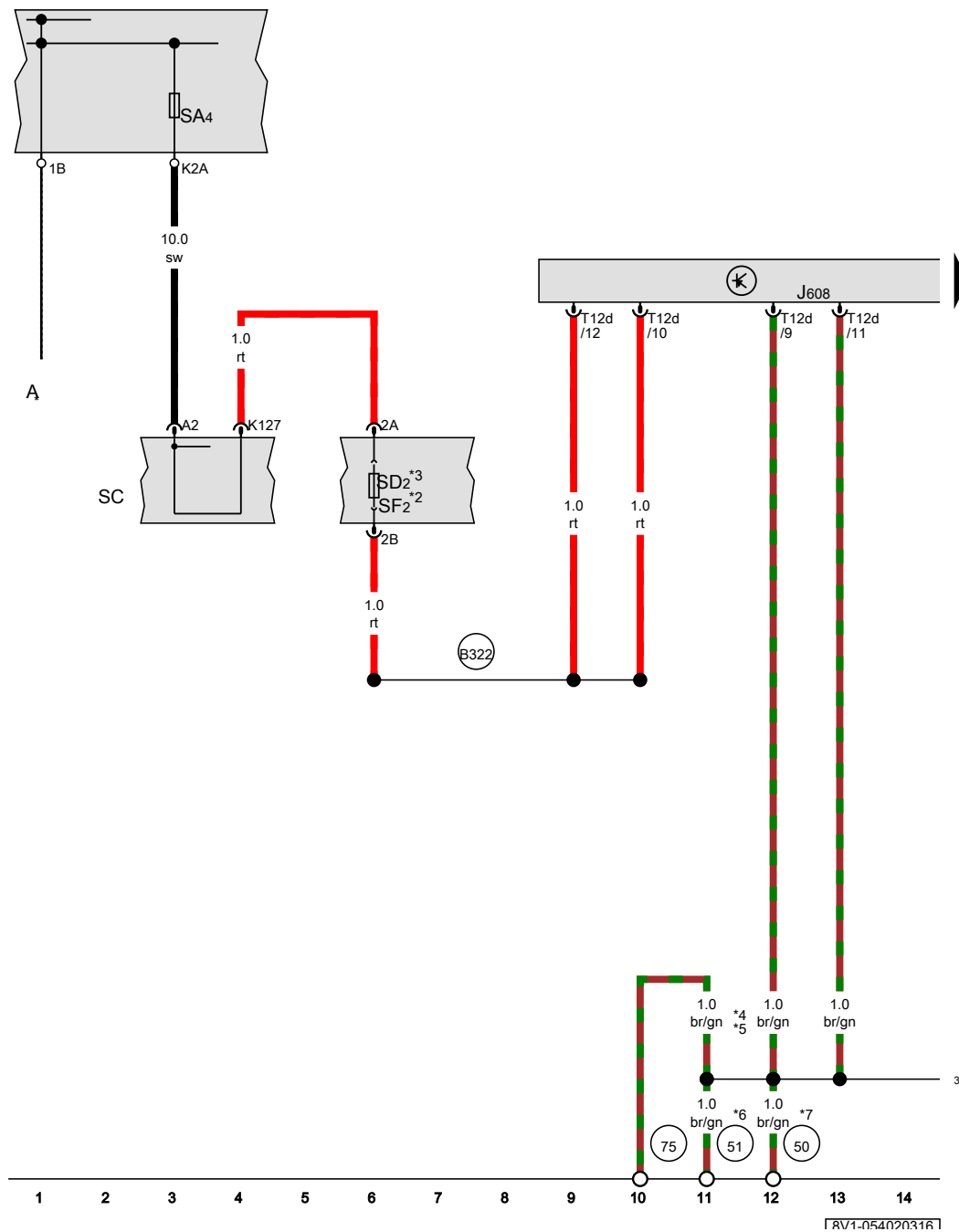
- F349 Pedal switch for warning buzzer on front passenger side
- H3 Buzzer and gong
- J29 Blocking diode
- J746 Driving school mode relay, on left under dash panel
- L160 Driver door storage compartment illumination bulb
- T4n 4-pin connector
- T10y 10-pin connector
- W9 Left footwell light

- 379 Earth connection 14, in main wiring harness
- B469 Connection 5, in main wiring harness
- B470 Connection 6, in main wiring harness



Driving aids for disabled persons with special vehicle control unit , (F6M)

From March 2012

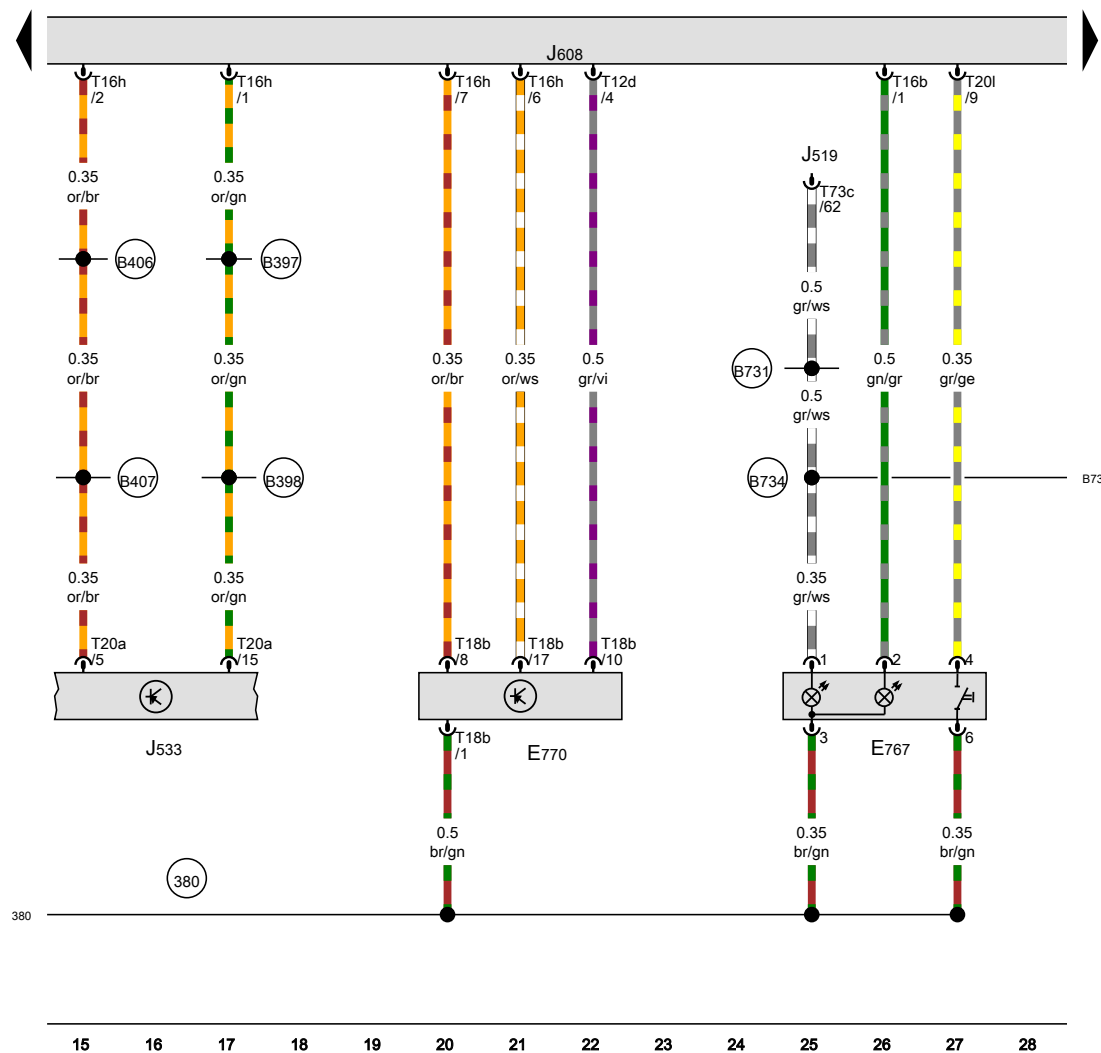


Special vehicle control unit, Fuse holder C

- A Battery
- J608 Special vehicle control unit
- SF2 Fuse 2 in fuse holder F
- SD2 Fuse 2 on fuse holder D
- SA4 Fuse 4 in fuse holder A
- SC Fuse holder C
- T12d 12-pin connector
- 50 Earth point, on left in luggage compartment
- 51 Earth point, on right in luggage compartment
- 75 Earth point, rear right pillar
- 380 Earth connection 15, in main wiring harness
- B322 Positive connection 8 (30a) in main wiring harness
- * see applicable current flow diagram for battery in engine compartment
- *2 From May 2013
- *3 Up to April 2013
- *4 Only models with 3-doors
- *5 Only models with 5-doors
- *6 Only models with 4-doors
- *7 Only Cabriolet models

Button for driving aids for disabled persons, Data bus diagnostic interface, Special vehicle control unit

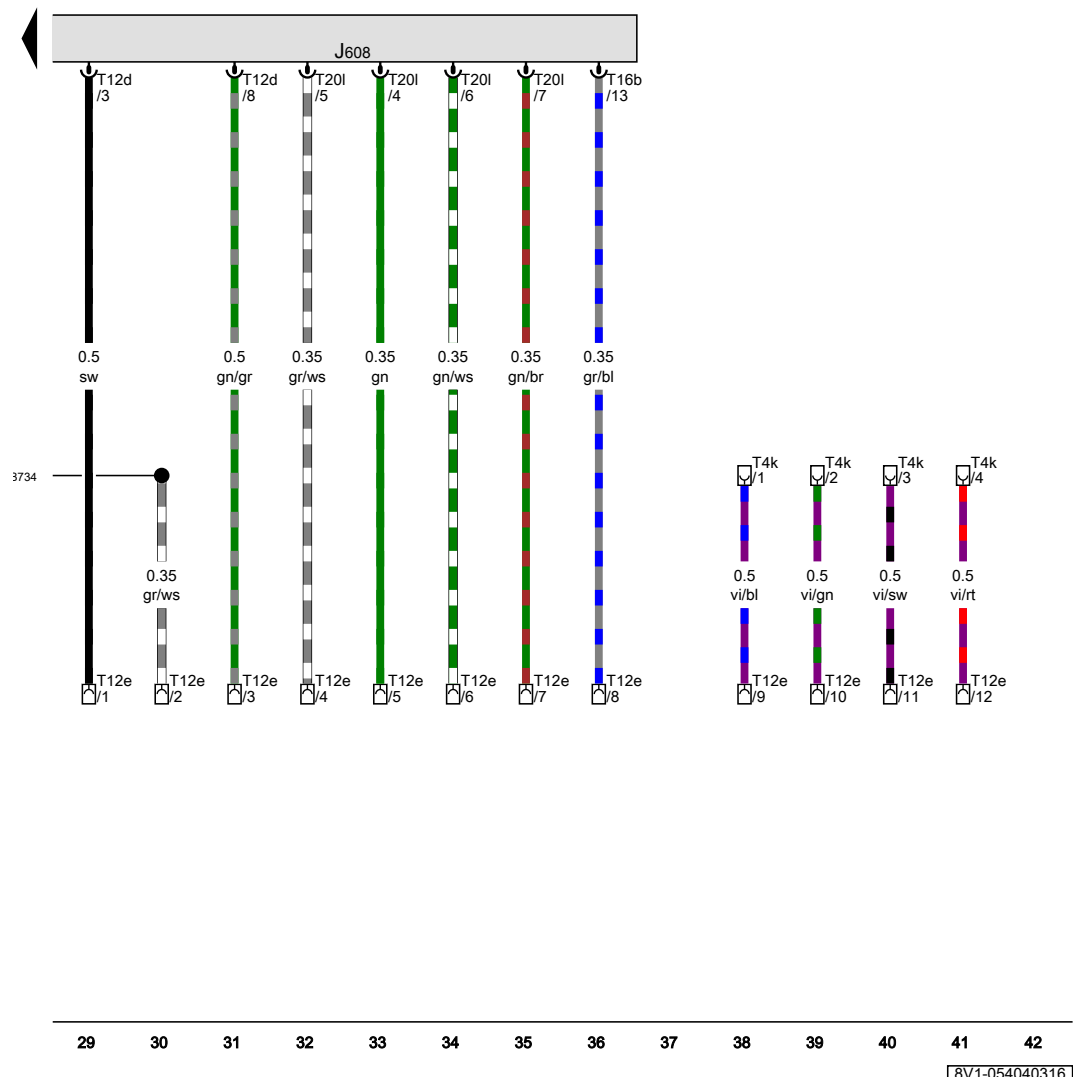
- E767 Button for driving aids for disabled persons
- E770 Operating unit for driving aids for disabled persons
- J519 Onboard supply control unit
- J533 Data bus diagnostic interface
- J608 Special vehicle control unit
- T12d 12-pin connector
- T16b 16-pin connector
- T16h 16-pin connector
- T18b 18-pin connector
- T20a 20-pin connector
- T20l 20-pin connector
- T73c 73-pin connector



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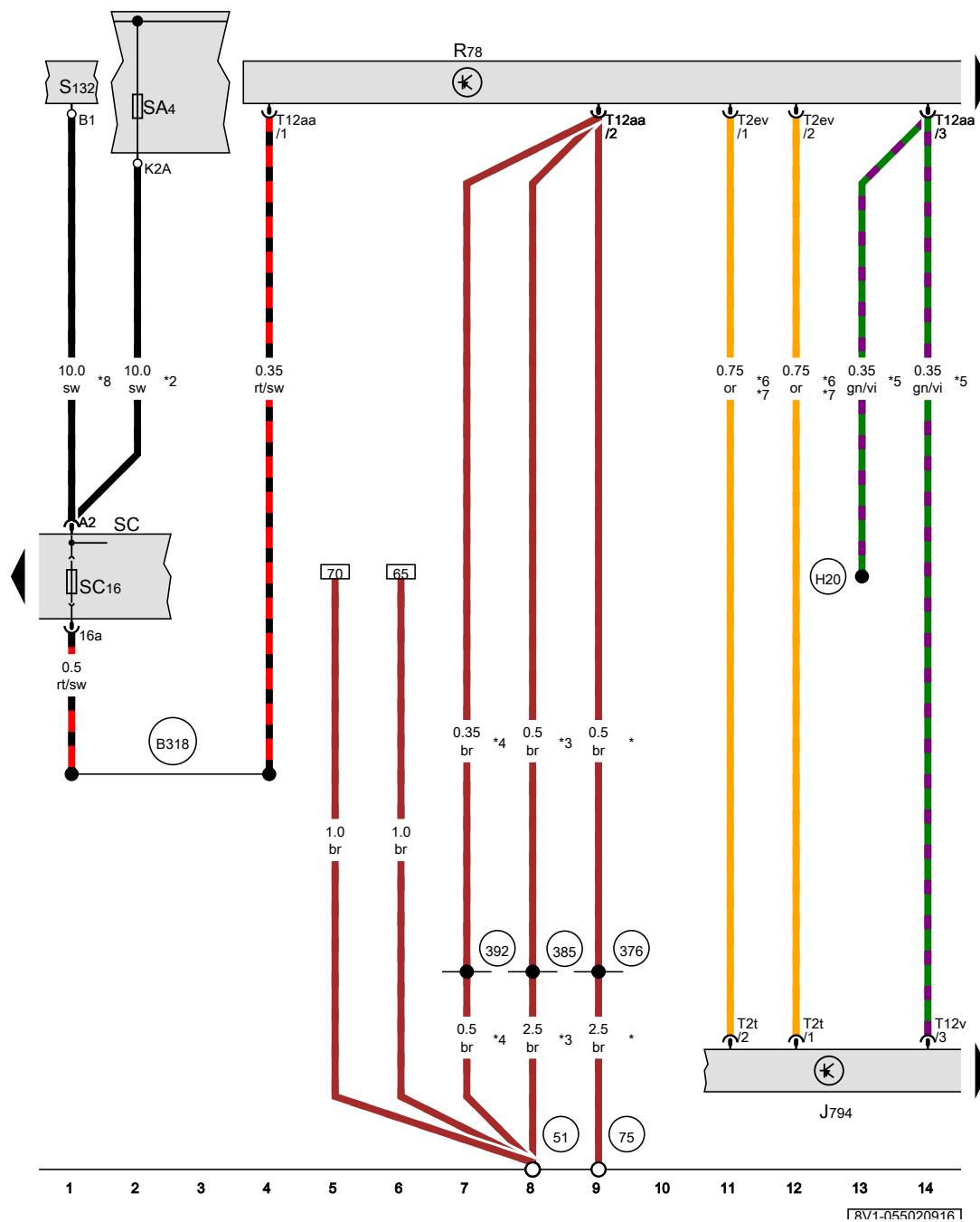
Special vehicle control unit

- J608 Special vehicle control unit
- T4k 4-pin connector
- T12d 12-pin connector
- T12e 12-pin connector
- T16b 16-pin connector
- T20l 20-pin connector
- B734 Connection 4 (58s), in main wiring harness



TV tuner , (QV1)

From September 2012



TV tuner, Fuse holder C

- J794 Control unit 1 for information electronics
- R78 TV tuner
- SA4 Fuse 4 on fuse holder A
- SC16 Fuse 16 on fuse holder C
- S132 Fuse 2
- SC Fuse holder C
- T2ev 2-pin connector
- T2t 2-pin connector
- T12aa 12-pin connector
- T12v 12-pin connector

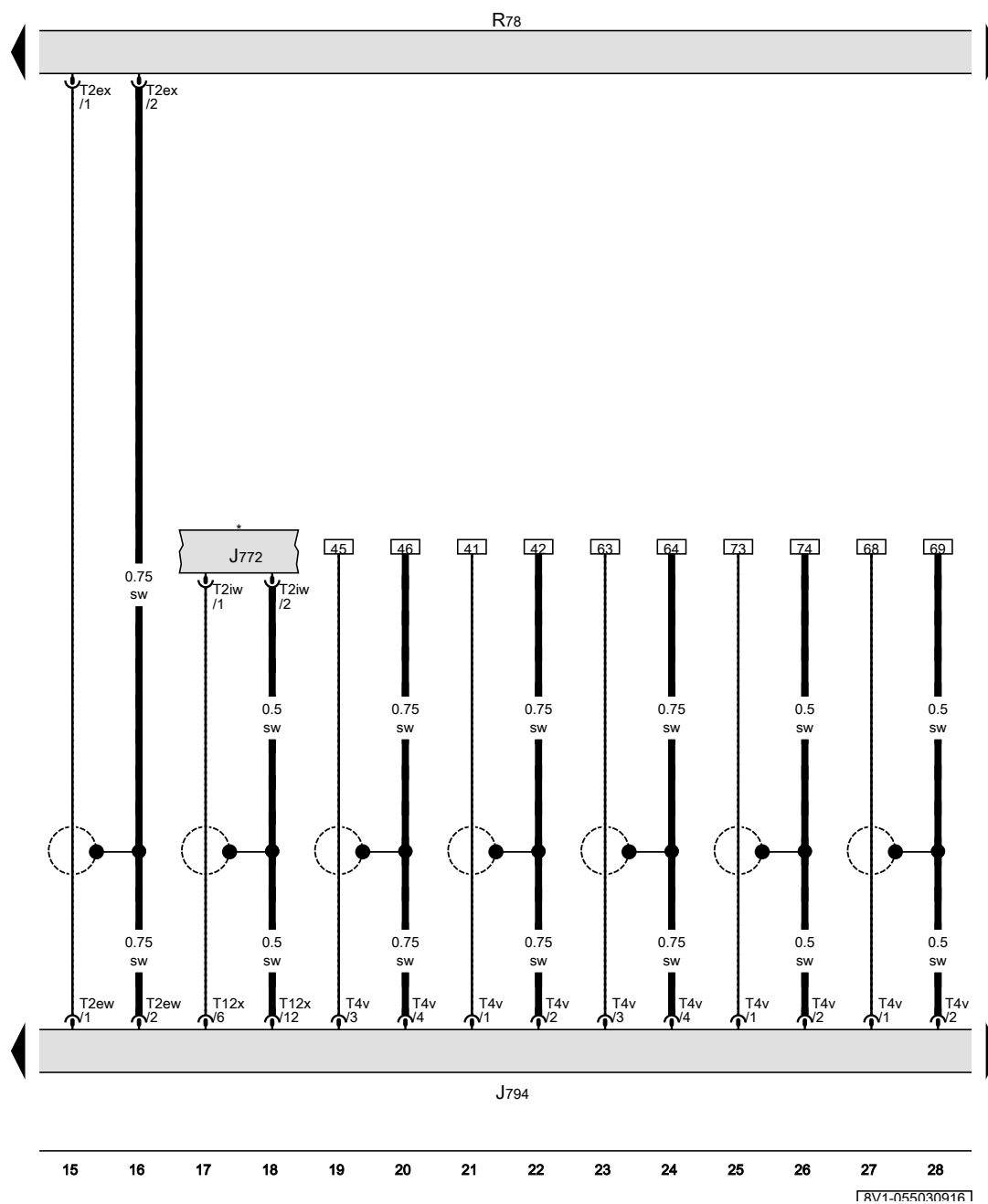
- 51 Earth point, on right in luggage compartment
- 75 Earth point, rear right pillar
- 376 Earth connection 11, in main wiring harness
- 385 Earth connection 20, in main wiring harness
- 392 Earth connection 27, in main wiring harness
- B318 Positive connection 4 (30a) in main wiring harness
- H20 Connection 1, in diagnosis wiring harness

- * Only models with 5-doors
- *2 Not for RS 3 models
- *3 Only models with 4-doors
- *4 Only Cabriolet models
- *5 see applicable current flow diagram for ring circuit break diagnostic
- *6 see applicable current flow diagram for infotainment MOST bus
- *7 Wiring colour depends on equipment
- *8 Only for RS 3 models

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- sw = black
- ro = red
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- br = brown
- gn = green
- bl = blue
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- vi = purple
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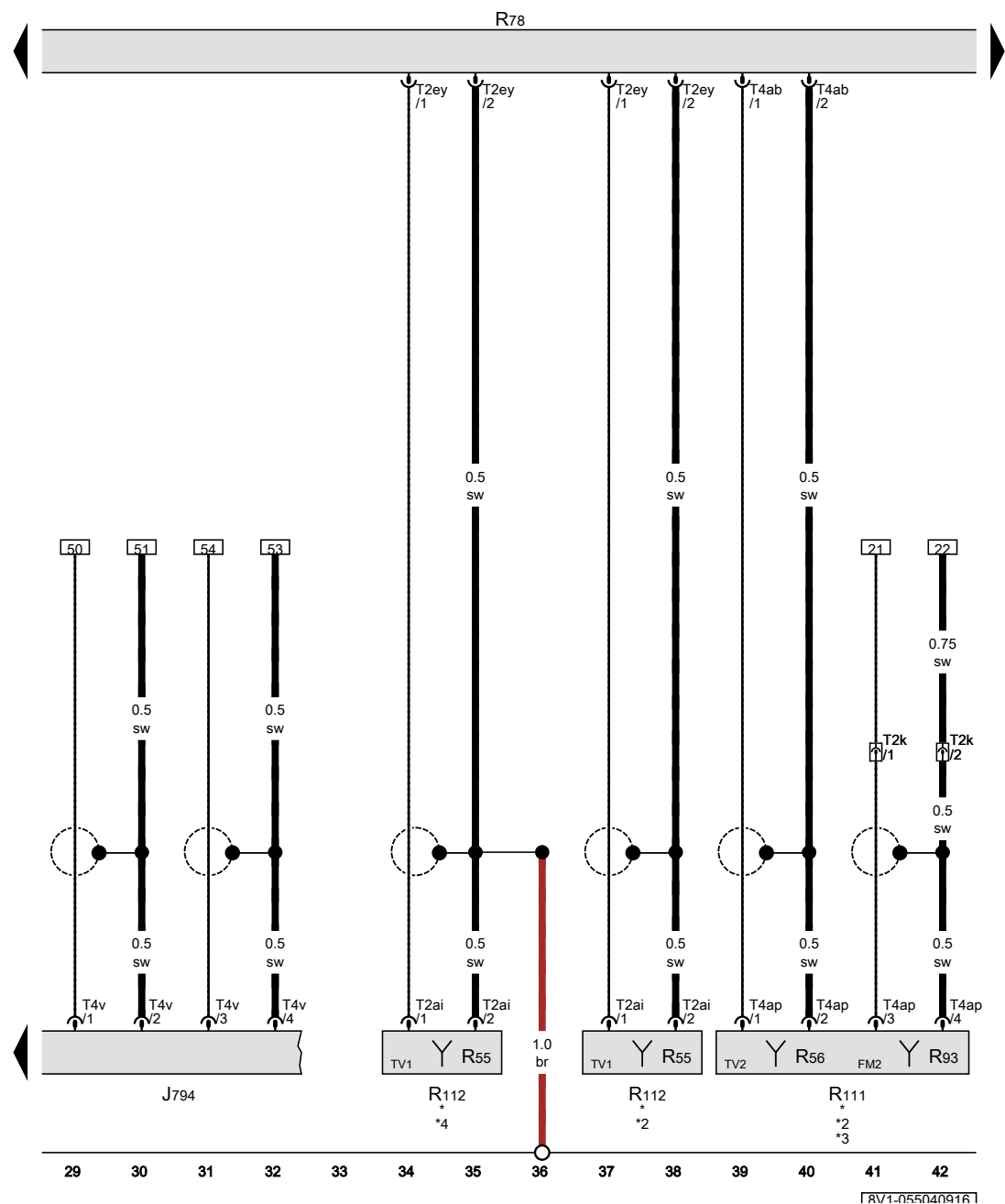
TV tuner

- J772 Reversing camera system control unit
- J794 Control unit 1 for information electronics
- R78 TV tuner
- T2ew 2-pin connector
- T2ex 2-pin connector
- T2iw 2-pin connector
- T4v 4-pin connector
- T12x 12-pin connector
- * Only models with reversing camera system



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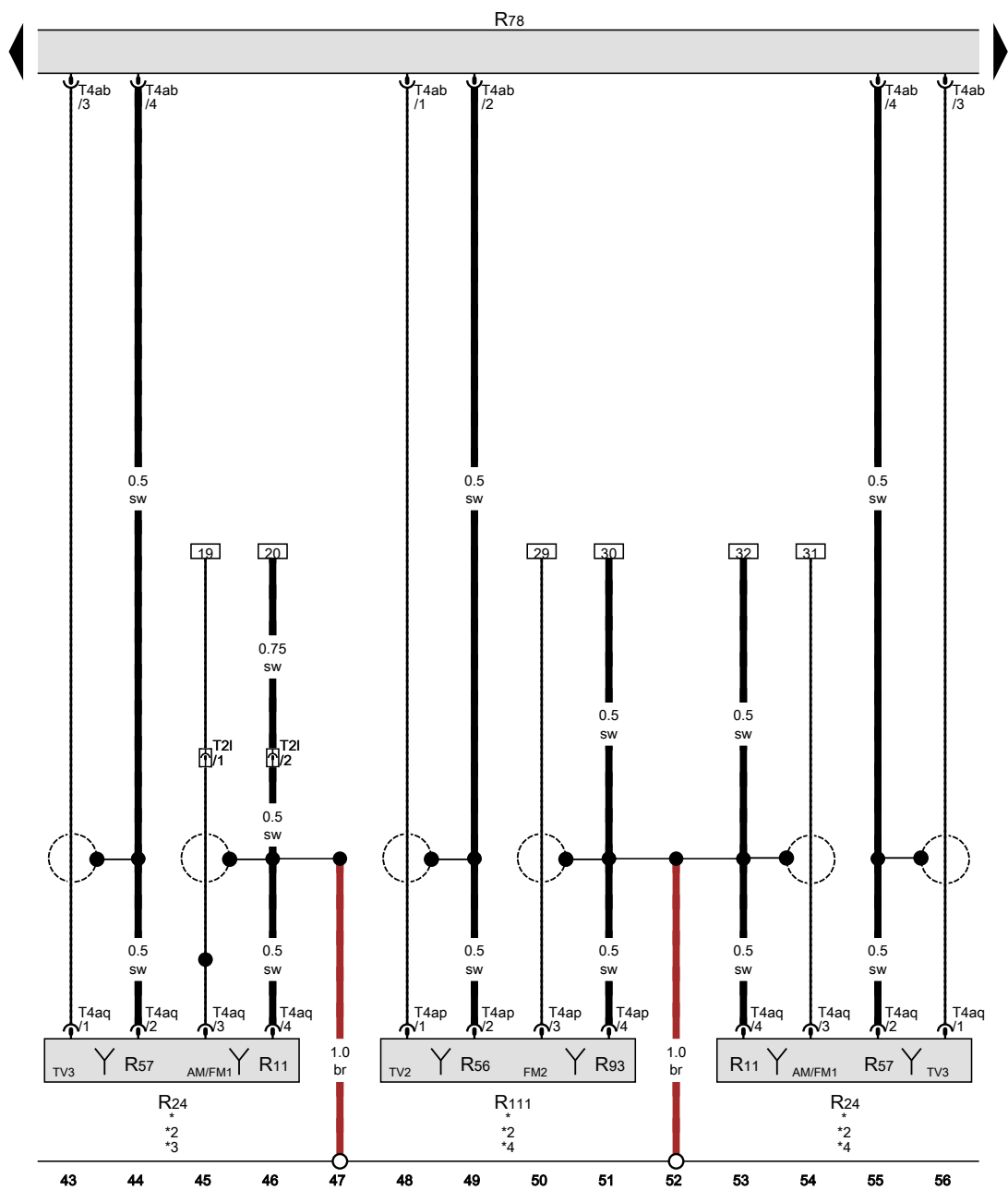
TV tuner, Aerial amplifier 2, Aerial amplifier 3



- J794 Control unit 1 for information electronics
- R55 TV aerial 1
- R56 TV aerial 2
- R78 TV tuner
- R93 Radio aerial 2
- R111 Aerial amplifier 2
- R112 Aerial amplifier 3
- T2ai 2-pin connector
- T2ey 2-pin connector
- T2k 2-pin connector, Coupling point for rear lid
- T4ab 4-pin connector
- T4ap 4-pin connector
- T4v 4-pin connector
- * Only models with 5-doors
- *2 Only models with 3-doors
- *3 Up to October 2014
- *4 Only models with equipment for Korea

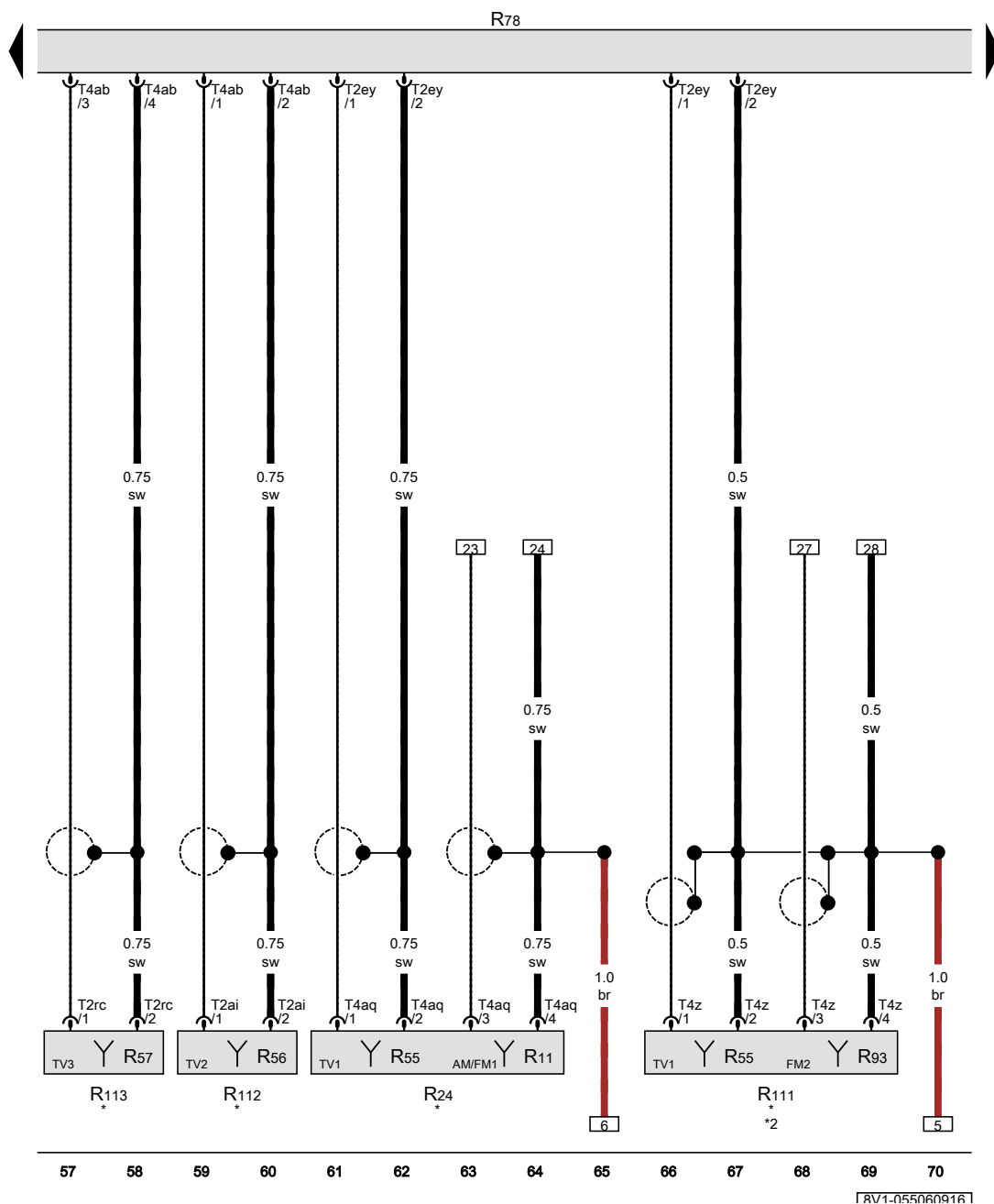
- ws = white
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Aerial amplifier, TV tuner, Aerial amplifier 2



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Aerial amplifier, TV tuner, Aerial amplifier 2, Aerial amplifier 3, Aerial amplifier 4

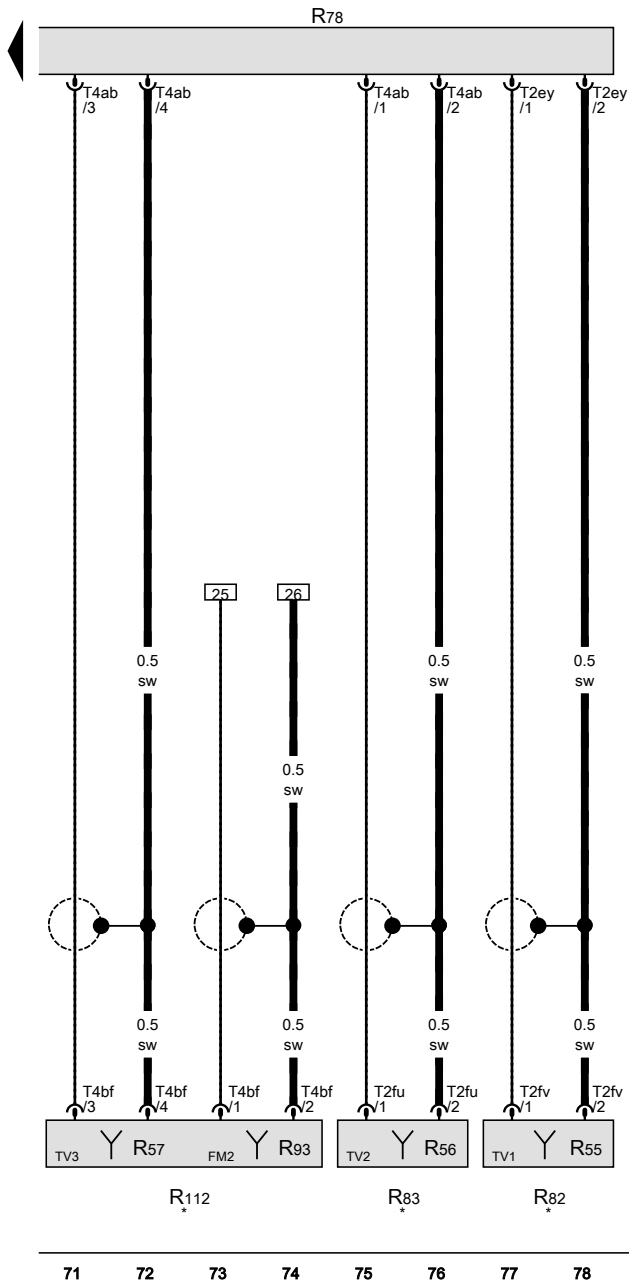


R11	Aerial
R24	Aerial amplifier
R55	TV aerial 1
R56	TV aerial 2
R57	TV aerial 3
R78	TV tuner
R93	Radio aerial 2
R111	Aerial amplifier 2
R112	Aerial amplifier 3
R113	Aerial amplifier 4
T2ai	2-pin connector
T2ey	2-pin connector
T2rc	2-pin connector
T4ab	4-pin connector
T4aq	4-pin connector
T4z	4-pin connector
*	Only models with 4-doors
*2	Only models with equipment for Korea

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or = orange
rs = pink

TV tuner, Aerial amplifier 1 for TV, Aerial amplifier 2 for TV, Aerial amplifier 3

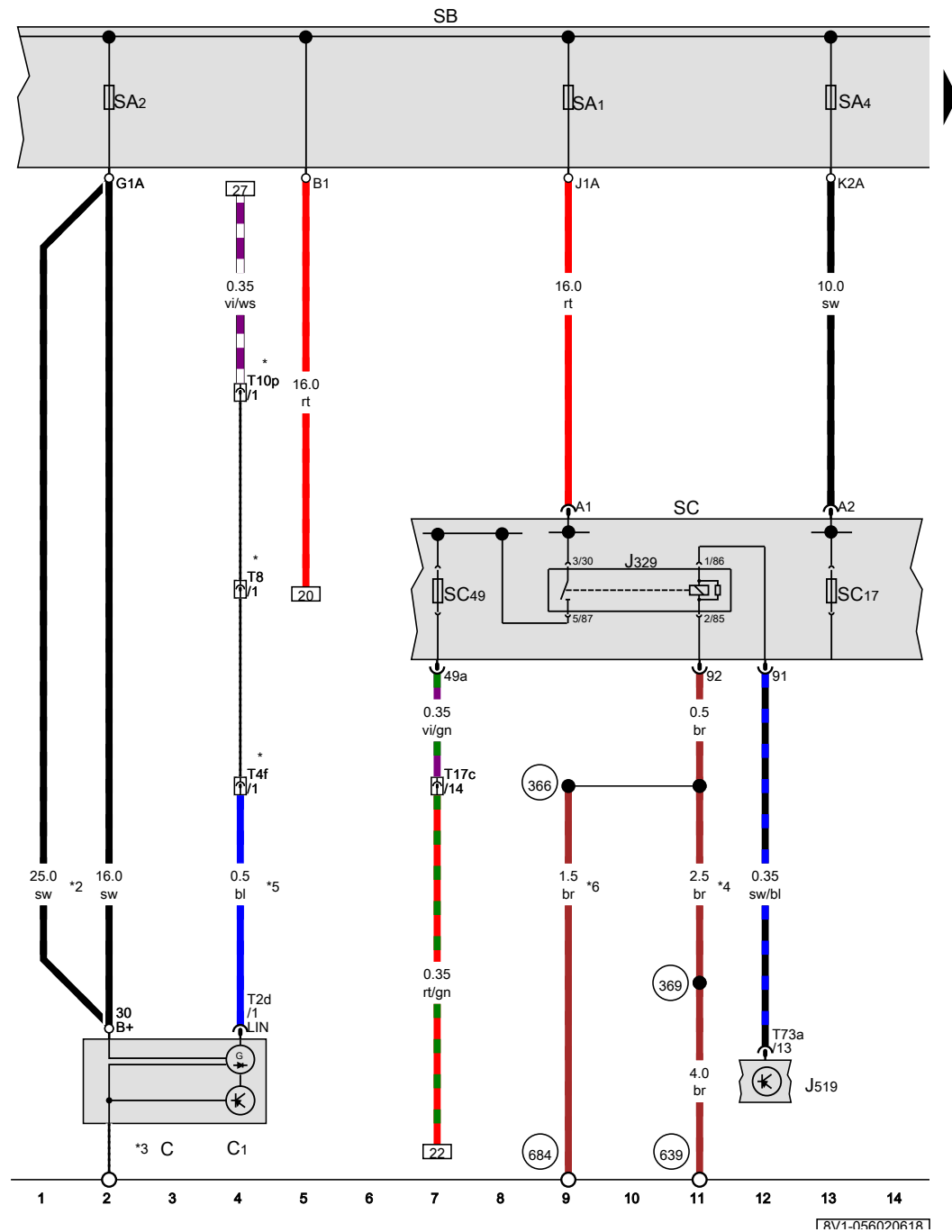
- R55 TV aerial 1
- R56 TV aerial 2
- R57 TV aerial 3
- R78 TV tuner
- R82 Aerial amplifier 1 for TV
- R83 Aerial amplifier 2 for TV
- R93 Radio aerial 2
- R112 Aerial amplifier 3
- T2ey 2-pin connector
- T2fu 2-pin connector
- T2fv 2-pin connector
- T4ab 4-pin connector
- T4bf 4-pin connector
- * Only Cabriolet models



18V1-055070916

Battery in engine compartment with no start/stop system and no energy recovery , (7L3)

From March 2012



Alternator, Terminal 15 voltage supply relay, Fuse 1 on fuse holder A, Fuse 2 on fuse holder A, Fuse 4 on fuse holder A, Fuse holder C

- C Alternator
- C1 Voltage regulator
- J329 Terminal 15 voltage supply relay
- J519 Onboard supply control unit
- SA1 Fuse 1 on fuse holder A
- SA2 Fuse 2 on fuse holder A
- SA4 Fuse 4 on fuse holder A
- SB Fuse holder B
- SC Fuse holder C
- SC17 Fuse 17 on fuse holder C
- SC49 Fuse 49 on fuse holder C
- T2d 2-pin connector
- T4f 4-pin connector
- T8 8-pin connector
- T10p 10-pin connector
- T17c 17-pin connector
- T73a 73-pin connector

366 Earth connection 1, in main wiring harness

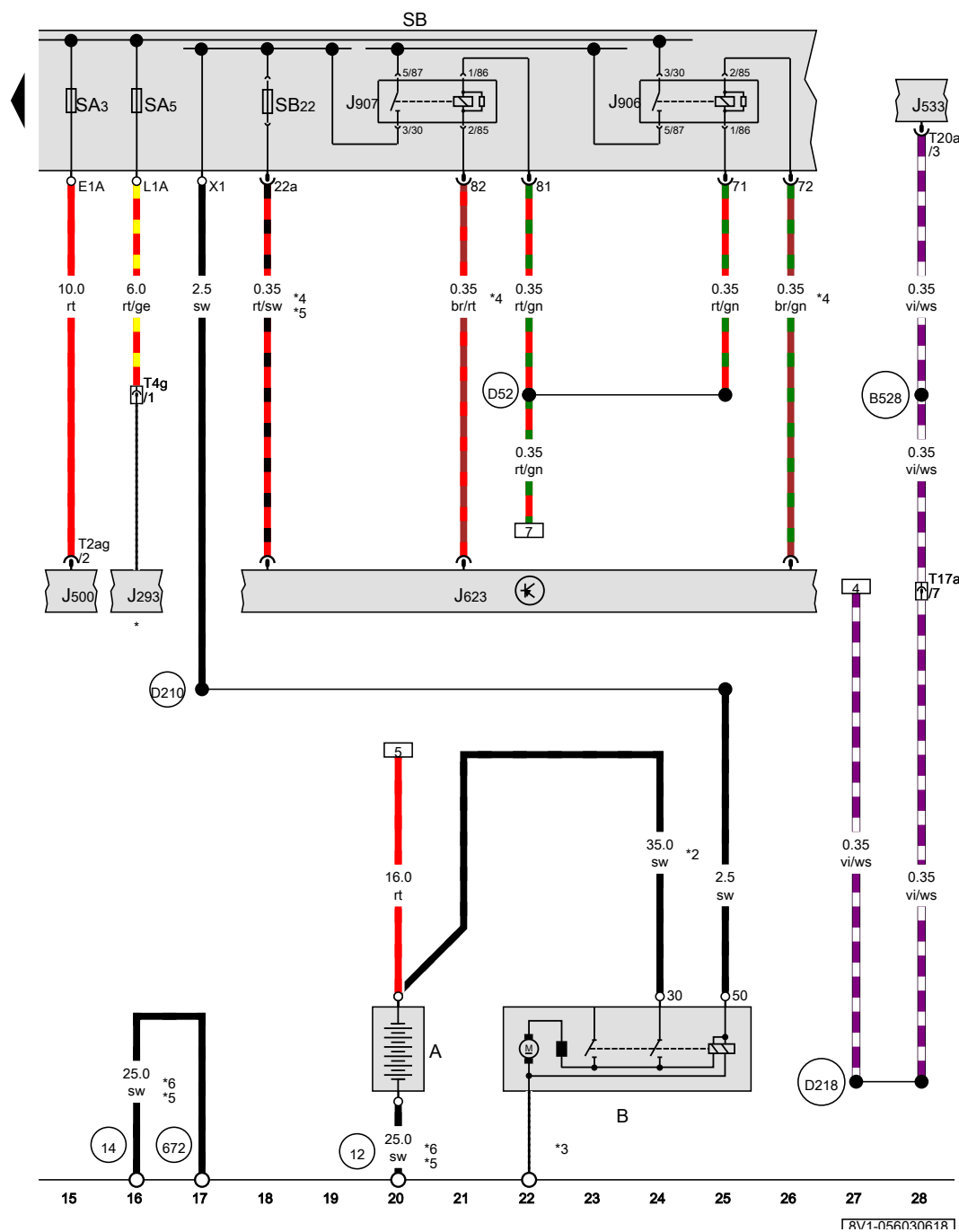
369 Earth connection 4, in main wiring harness

639 Earth point, left A-pillar

684 Earth point on front of left side member

- * According to equipment
- *2 For models with 140 A/180 A alternator
- *3 Earth supply via housing
- *4 For left-hand drive models
- *5 Wiring colour depends on equipment
- *6 For right-hand drive models

- ws = white
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Battery, Starter, Engine/motor control unit, Starter relay 1, Starter relay 2, Fuse 3 on fuse holder A, Fuse 5 on fuse holder A

- A Battery
- B Starter
- J293 Radiator fan control unit
- J500 Power steering control unit
- J533 Data bus diagnostic interface
- J623 Engine/motor control unit
- J906 Starter relay 1
- J907 Starter relay 2
- SA3 Fuse 3 on fuse holder A
- SA5 Fuse 5 on fuse holder A
- SB Fuse holder B
- SB22 Fuse 22 on fuse holder B
- T2ag 2-pin connector
- T4g 4-pin connector
- T17a 17-pin connector
- T20a 20-pin connector

- 12 Earth point, on left in engine compartment
- 14 Earth point, on gearbox
- 672 Earth point 2, on front of left longitudinal member
- B528 Connection 1 (LIN bus) in main wiring harness
- D52 Positive connection (15a), in engine compartment wiring harness
- D210 Connection (50), in engine compartment wiring harness
- D218 Connection 1 (LIN bus) in engine compartment wiring harness

- * see applicable current flow diagram for radiator fan
- *2 Cross section depends on equipment
- *3 Earth supply via housing
- *4 see applicable current flow diagram for engine
- *5 Wiring colour depends on equipment
- *6 Cross-section 35.0 possible

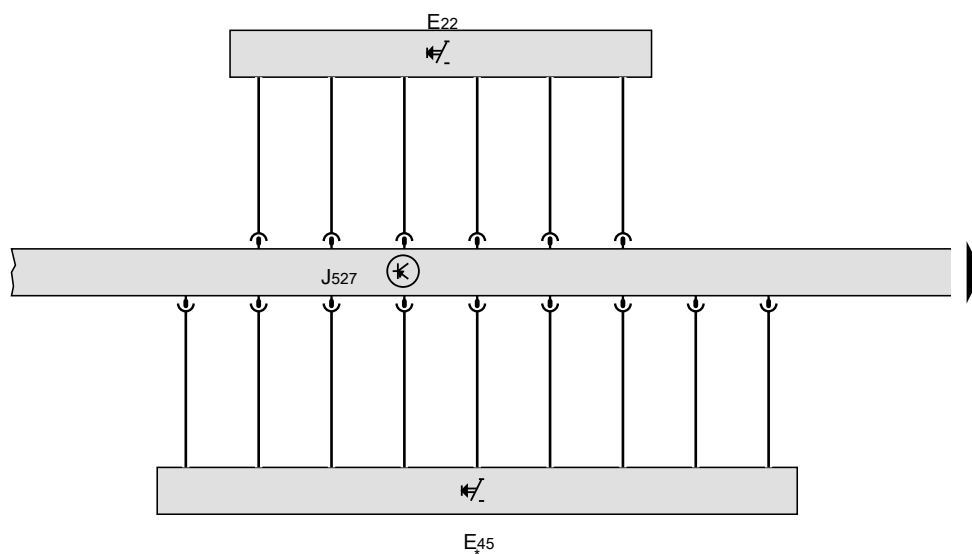
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Basic equipment, right-hand drive , (L0R)

From March 2012

Intermittent wiper switch, Cruise control system switch,
Steering column electronics control unit

- E22 Intermittent wiper switch
- E45 Cruise control system switch
- J527 Steering column electronics control unit
- * For models with cruise control system (CCS)



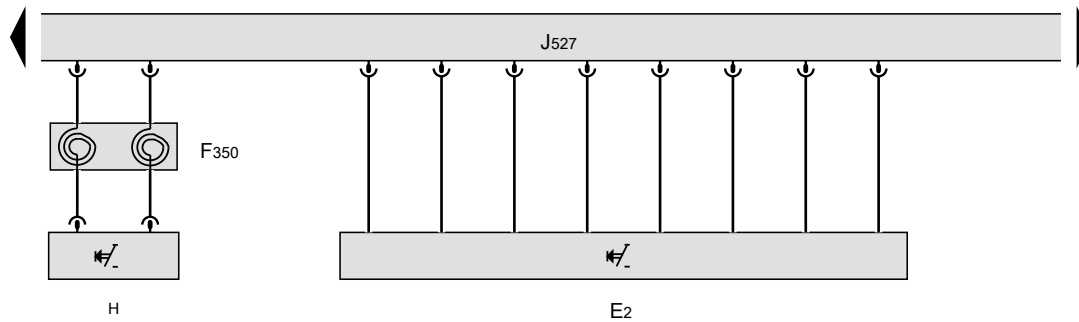
- ws = white
- sw = black
- ro = red
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- bl = blue
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- vi = purple
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- or = orange
- rs = pink

1 2 3 4 5 6 7 8 9 10 11 12 13 14

18V1-0570207181

Turn signal switch, Horn plate, Steering column electronics control unit

- E2 Turn signal switch
- F350 Coil connector
- H Horn plate
- J527 Steering column electronics control unit



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- vi = purple
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- or = orange
- rs = pink

15 16 17 18 19 20 21 22 23 24 25 26 27 28

[8V1-057030718]

Ignition/starter switch, Steering column electronics control unit

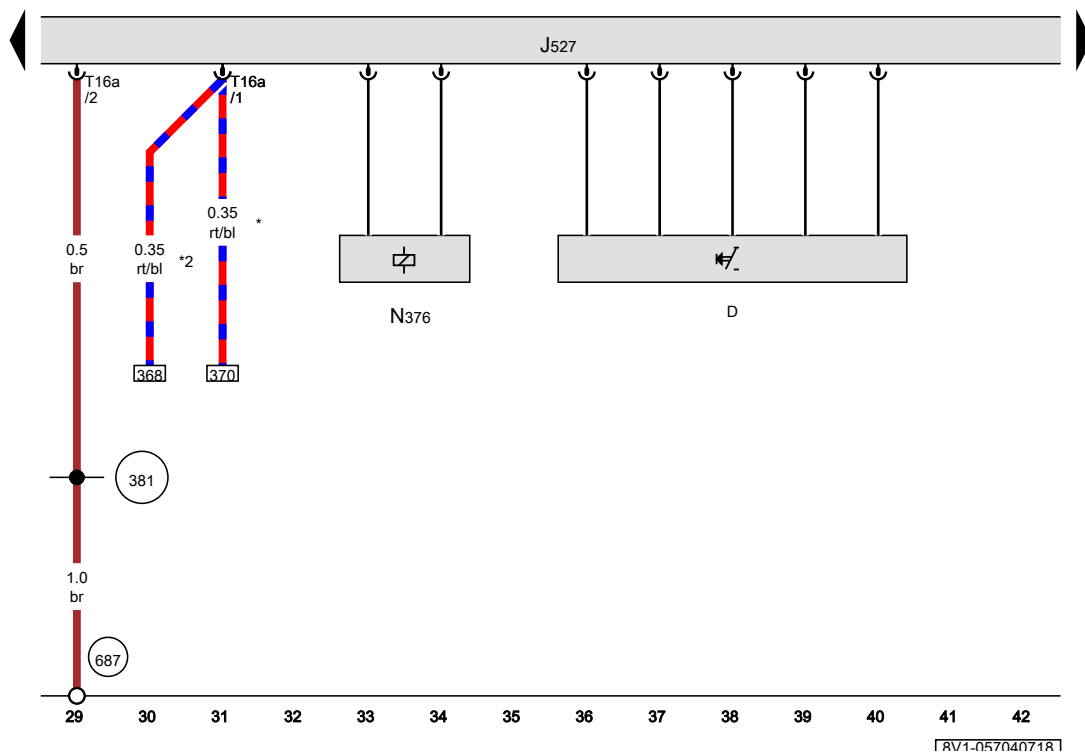
- D Ignition/starter switch
- J527 Steering column electronics control unit
- N376 Ignition key withdrawal lock solenoid
- T1 1-pin connector, black
- T16a 16-pin connector

381 Earth connection 16, in main wiring harness

687 Earth point 1, on centre tunnel

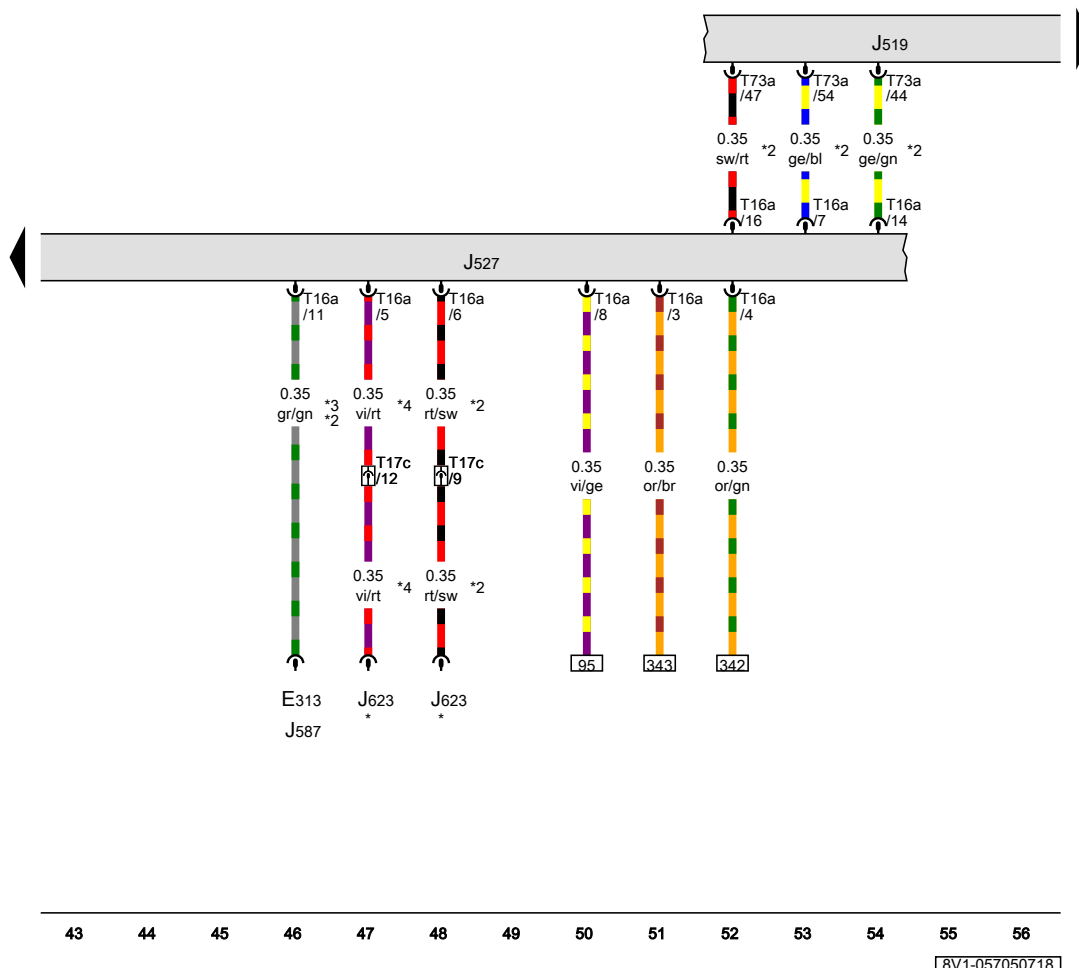
* Up to April 2013

*2 From May 2013



Onboard supply control unit, Steering column electronics control unit

- E313 Selector lever
- J519 Onboard supply control unit
- J527 Steering column electronics control unit
- J587 Selector lever sensors control unit
- J623 Engine/motor control unit
- T16a 16-pin connector
- T17c 17-pin connector
- T73a 73-pin connector
- * see applicable current flow diagram for engine
- *2 For models with no entry and start authorisation
- *3 see applicable current flow diagram for automatic gearbox
- *4 For models with cruise control system (CCS)



Onboard supply control unit

- J234 Airbag control unit
- J519 Onboard supply control unit
- T16 16-pin connector
- T73a 73-pin connector
- T73c 73-pin connector
- T90 90-pin connector

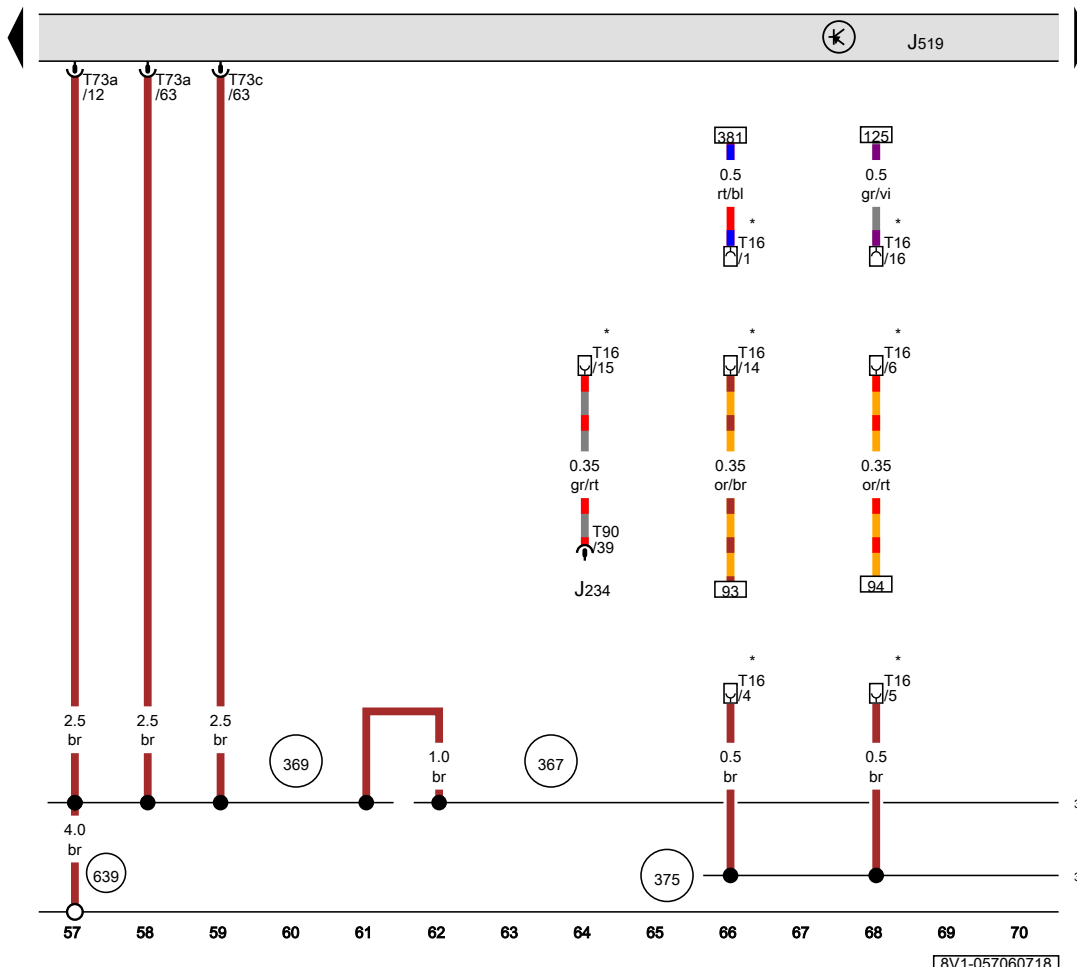
367 Earth connection 2, in main wiring harness

369 Earth connection 4, in main wiring harness

375 Earth connection 10, in main wiring harness

639 Earth point, left A-pillar

* Diagnostic connection



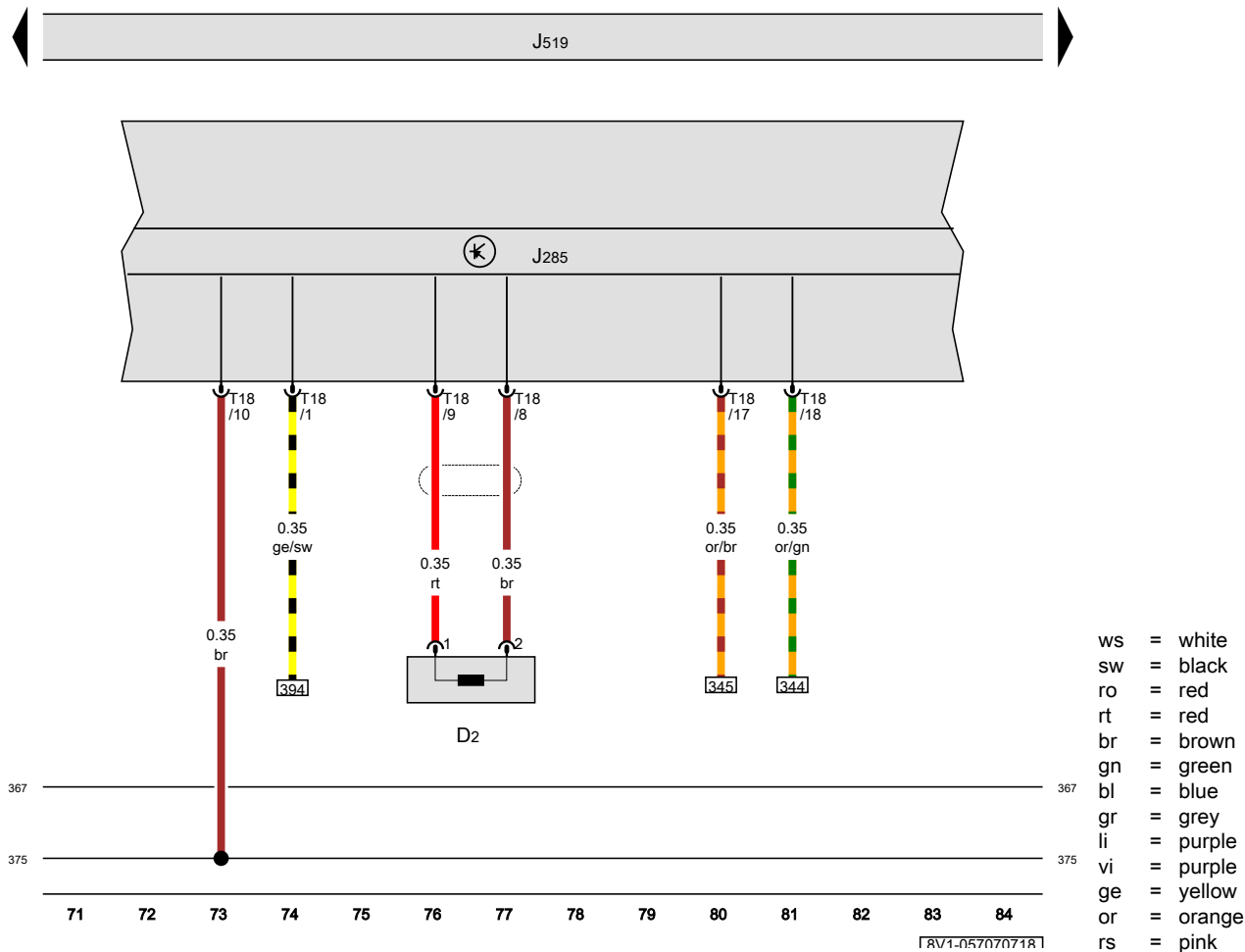
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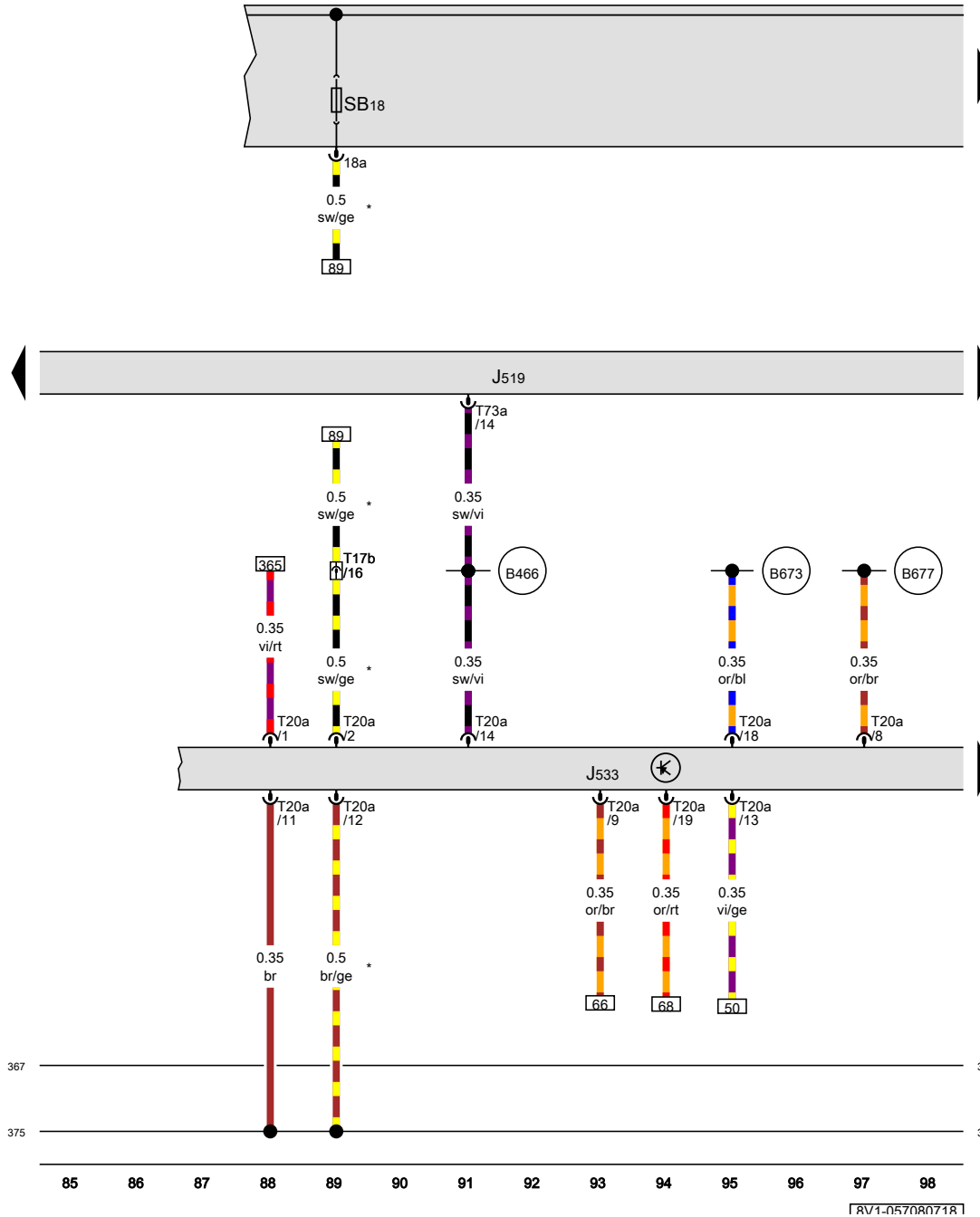
Control unit in dash panel insert, Onboard supply control unit

- D2 Immobiliser reader coil
- J285 Control unit in dash panel insert
- J519 Onboard supply control unit
- T18 18-pin connector

367 Earth connection 2, in main wiring harness

375 Earth connection 10, in main wiring harness





Onboard supply control unit, Data bus diagnostic interface

- J519 Onboard supply control unit
- J533 Data bus diagnostic interface
- SB18 Fuse 18 on fuse holder B
- T17b 17-pin connector
- T20a 20-pin connector
- T73a 73-pin connector

- 367 Earth connection 2, in main wiring harness
- 375 Earth connection 10, in main wiring harness
- B466 Connection 2, in main wiring harness
- B673 Connection 2 (running gear/dash panel insert CAN bus, high), in main wiring harness
- B677 Connection 2 (running gear/dash panel insert CAN bus, low), in main wiring harness

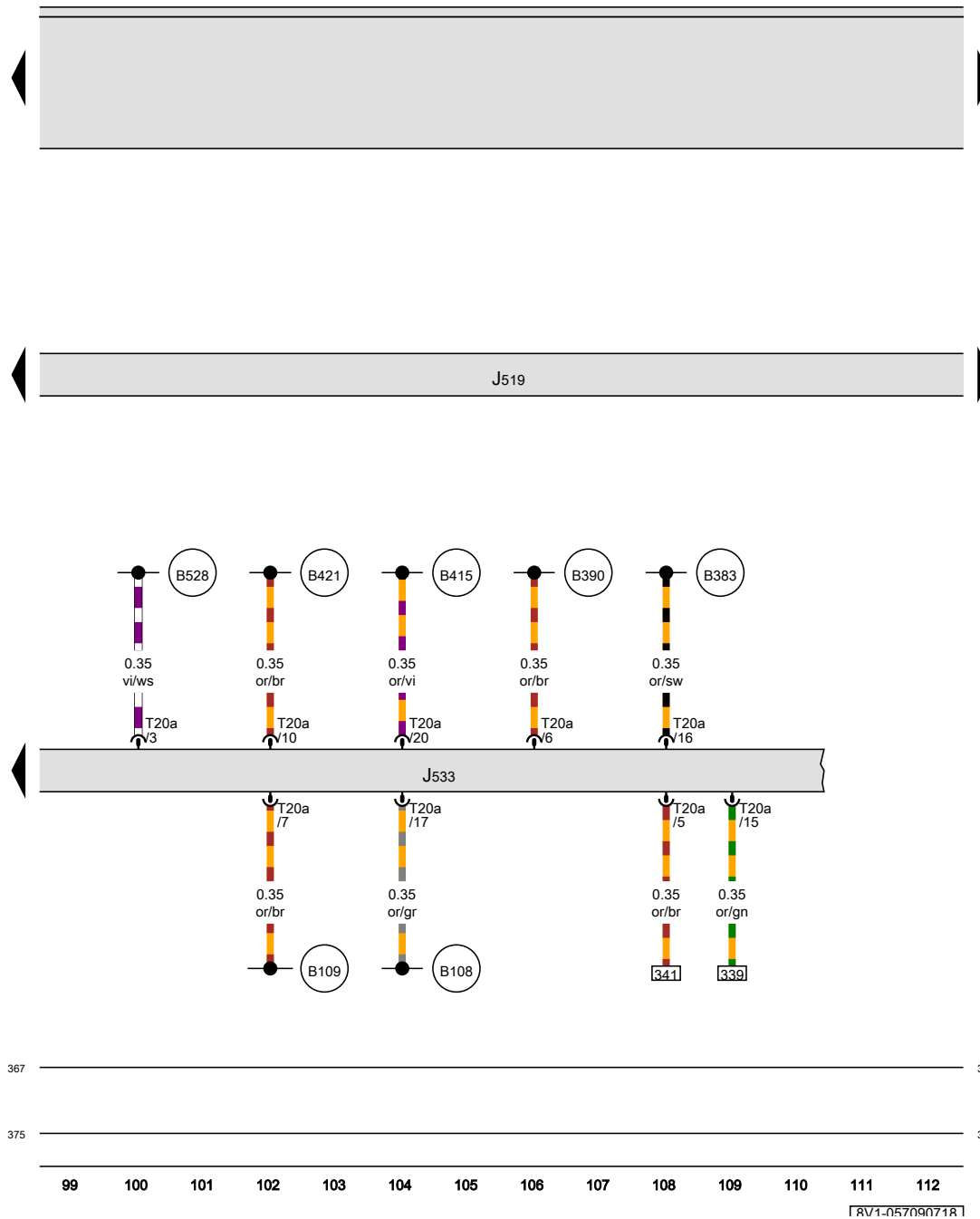
* For models with no start/stop system

ws = white
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Onboard supply control unit, Data bus diagnostic interface

J519 Onboard supply control unit
J533 Data bus diagnostic interface
T20a 20-pin connector

- 367 Earth connection 2, in main wiring harness
- 375 Earth connection 10, in main wiring harness
- B108 Connection 1 (CAN bus extended high), in main wiring harness
- B109 Connection 1 (CAN bus extended low), in main wiring harness
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- B415 Connection 1 (infotainment CAN bus, high), in main wiring harness
- B421 Connection 1 (infotainment CAN bus, low), in main wiring harness
- B528 Connection 1 (LIN bus) in main wiring harness



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Light switch, Rain and light sensor, Onboard supply control unit

- E1 Light switch
- E102 Headlight range control regulator
- G355 Humidity sender
- G397 Rain and light sensor
- J519 Onboard supply control unit
- T3f 3-pin connector
- T17b 17-pin connector
- T73a 73-pin connector
- T73c 73-pin connector

367 Earth connection 2, in main wiring harness

375 Earth connection 10, in main wiring harness

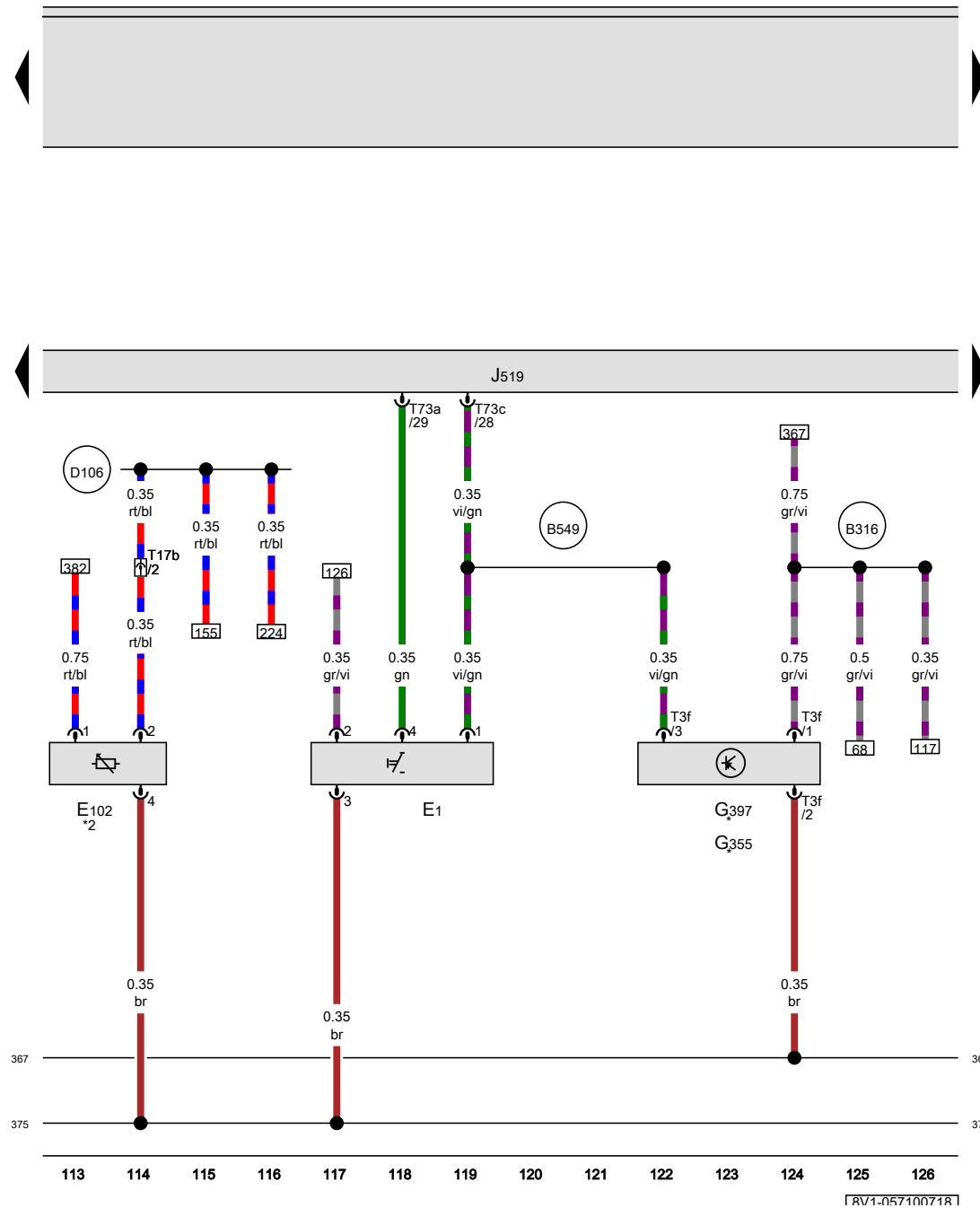
B316 Positive connection 2 (30a) in main wiring harness

B549 Connection 2 (LIN bus) in main wiring harness

D106 Connection 4 in engine compartment wiring harness

* According to equipment

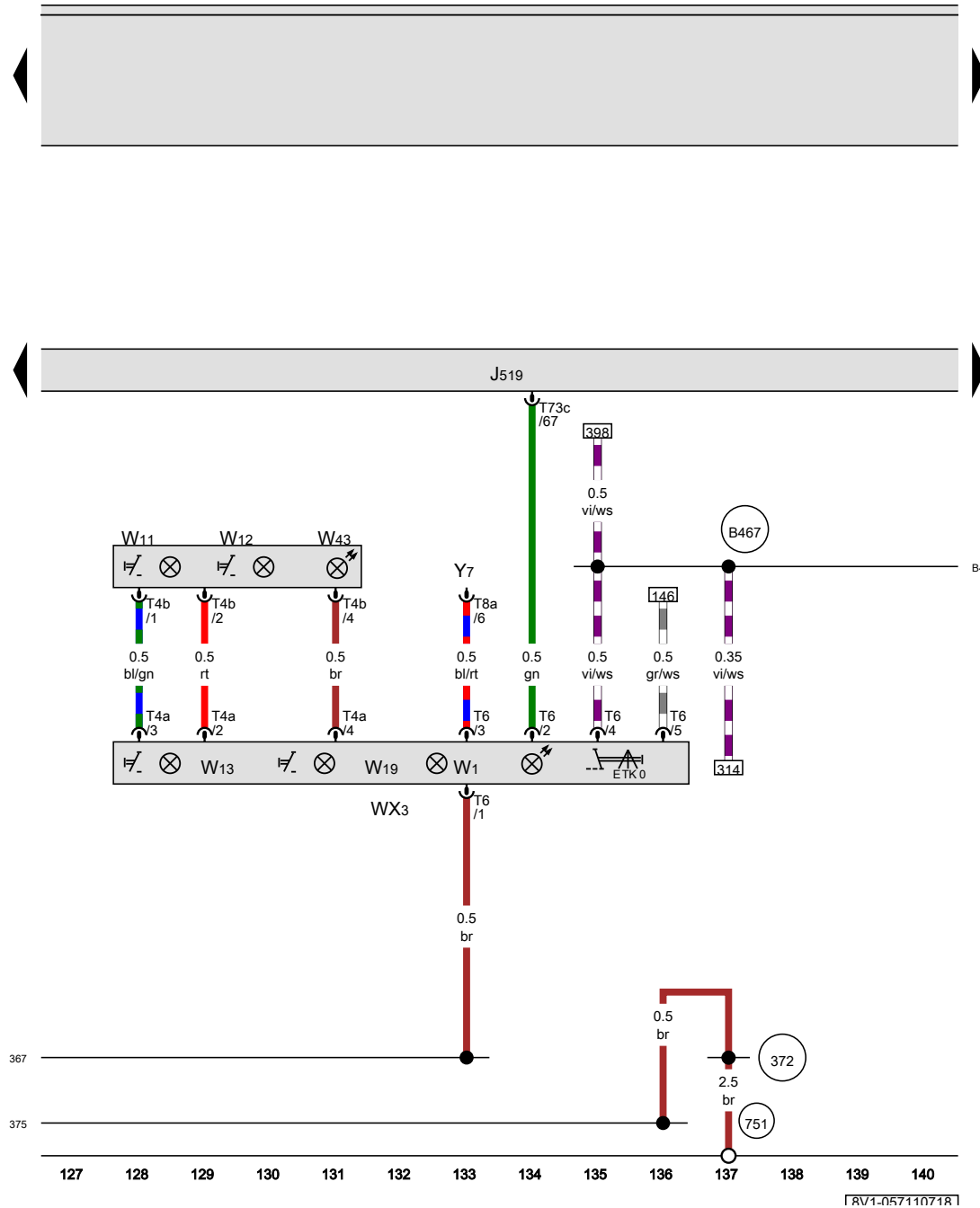
*2 For models with no automatic headlight range control



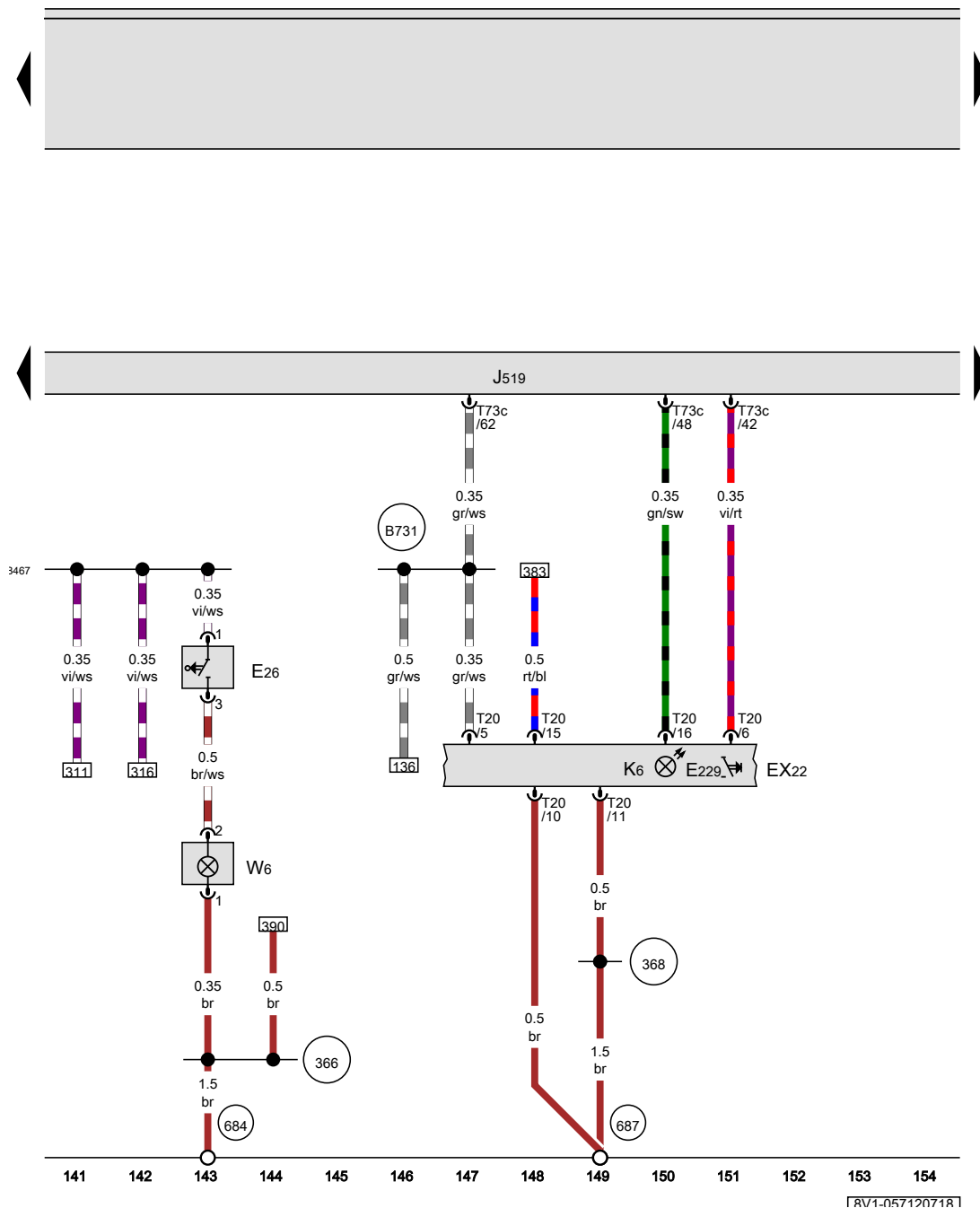
Onboard supply control unit, Front roof module, Rear interior light

- J519 Onboard supply control unit
- T4a 4-pin connector
- T4b 4-pin connector
- T6 6-pin connector
- T8a 8-pin connector
- T73c 73-pin connector
- W1 Front interior light
- WX3 Front roof module
- W11 Rear left reading light
- W12 Rear right reading light
- W13 Front passenger reading light
- W19 Driver side reading light
- W43 Rear interior light
- Y7 Automatic anti-dazzle interior mirror

- 367 Earth connection 2, in main wiring harness
- 372 Earth connection 7, in main wiring harness
- 375 Earth connection 10, in main wiring harness
- 751 Earth point 2, on right A-pillar
- B467 Connection 3, in main wiring harness



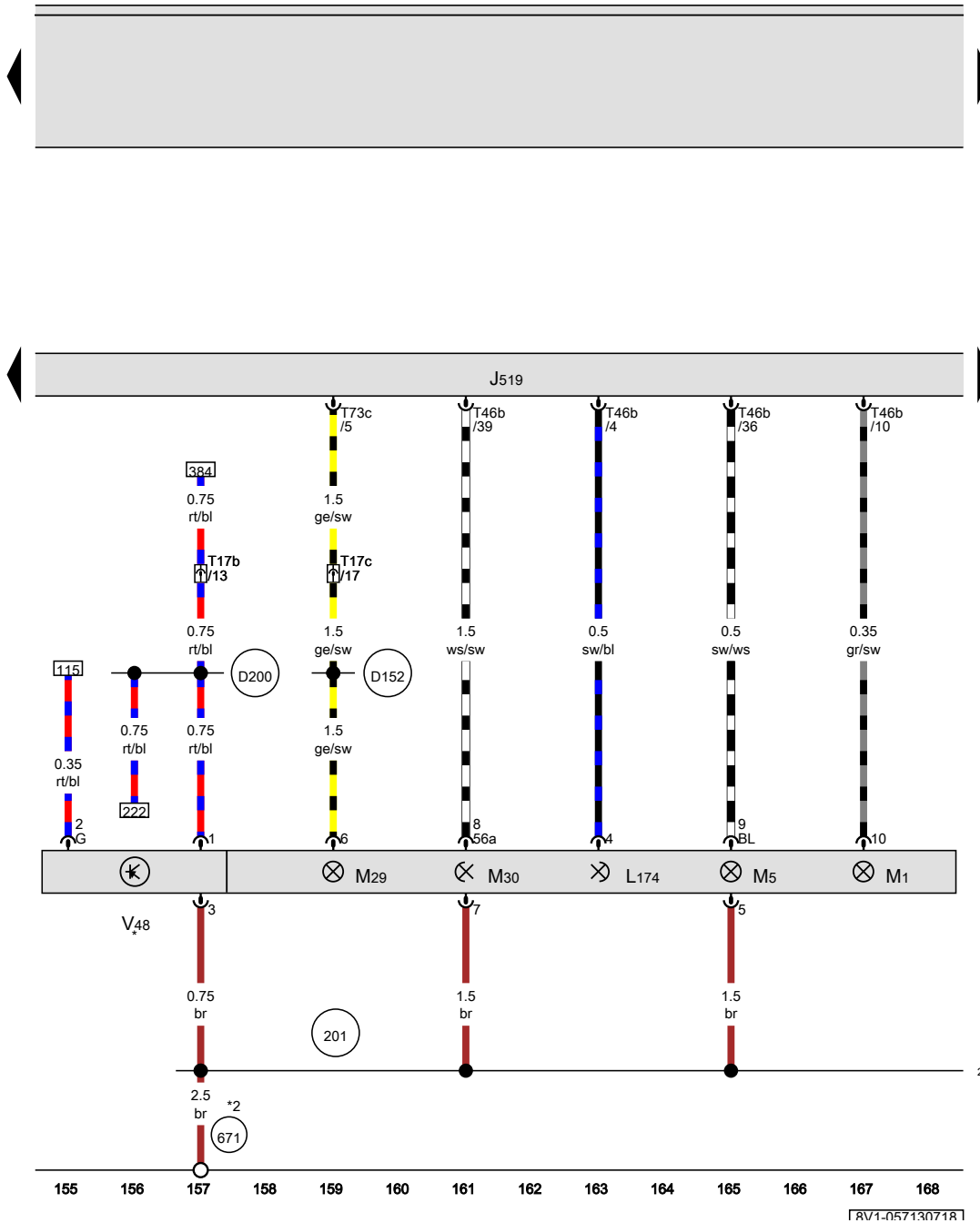
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



Centre switch module in dash panel, Glove compartment light switch, Hazard warning lights button, Onboard supply control unit, Glove compartment light

- EX22 Centre switch module in dash panel
- E26 Glove compartment light switch
- E229 Hazard warning lights button
- J519 Onboard supply control unit
- K6 Indicator lamp for hazard warning light
- T20 20-pin connector
- T73c 73-pin connector
- W6 Glove compartment light

- 366 Earth connection 1, in main wiring harness
- 368 Earth connection 3, in main wiring harness
- 684 Earth point on front of left side member
- 687 Earth point 1, on centre tunnel
- B467 Connection 3, in main wiring harness
- B731 Connection 1 (58s), in main wiring harness

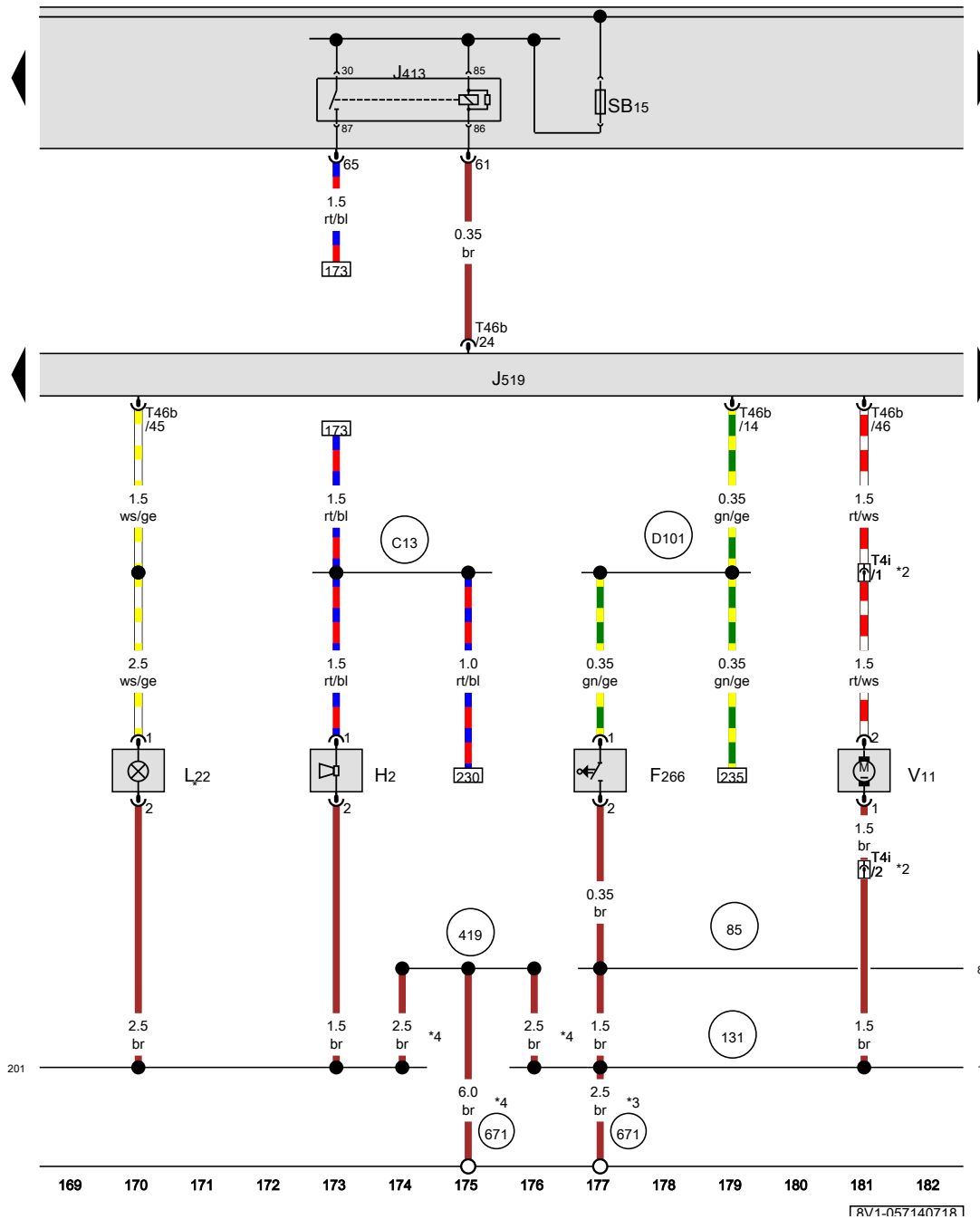


Onboard supply control unit, Left daytime running light bulb, Left side light bulb, Front left turn signal bulb, Left headlight dipped beam bulb, Left headlight main beam bulb, Left headlight range control motor

- J519 Onboard supply control unit
- L174 Left daytime running light bulb
- M1 Left side light bulb
- M5 Front left turn signal bulb
- M29 Left headlight dipped beam bulb
- M30 Left headlight main beam bulb
- T17b 17-pin connector
- T17c 17-pin connector
- T46b 46-pin connector
- T73c 73-pin connector
- V48 Left headlight range control motor

- 201 Earth connection 5, in engine compartment wiring harness
- 671 Earth point 1, on front of left longitudinal member
- D152 Positive connection 1 (56b), in engine compartment wiring harness
- D200 Positive connection 3 (15a), in engine compartment wiring harness
- * For models with headlight range control
- *2 Gradually discontinued

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



Bonnet contact switch, Treble horn, Onboard supply control unit, Left fog light bulb, Headlight washer system pump

- F266 Bonnet contact switch
- H2 Treble horn
- J413 Horn relay
- J519 Onboard supply control unit
- L22 Left fog light bulb
- SB15 Fuse 15 on fuse holder B
- T4i 4-pin connector
- T46b 46-pin connector
- V11 Headlight washer system pump

- 85 Earth connection 1, in engine compartment wiring harness
- 131 Earth connection 2, in engine compartment wiring harness
- 201 Earth connection 5, in engine compartment wiring harness
- 419 Earth connection 11, in engine compartment wiring harness
- 671 Earth point 1, on front of left longitudinal member
- C13 Positive connection in dual tone horn wiring harness
- D101 Connection 1 in engine compartment wiring harness

- * For models with fog lights
- *2 According to equipment
- *3 Gradually discontinued
- *4 gradual introduction

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Onboard supply control unit, Tank filler flap locking motor, Left washer jet heater element, Right washer jet heater element

- J519 Onboard supply control unit
- T46b 46-pin connector
- T73a 73-pin connector
- V155 Tank filler flap locking motor
- Z20 Left washer jet heater element
- Z21 Right washer jet heater element

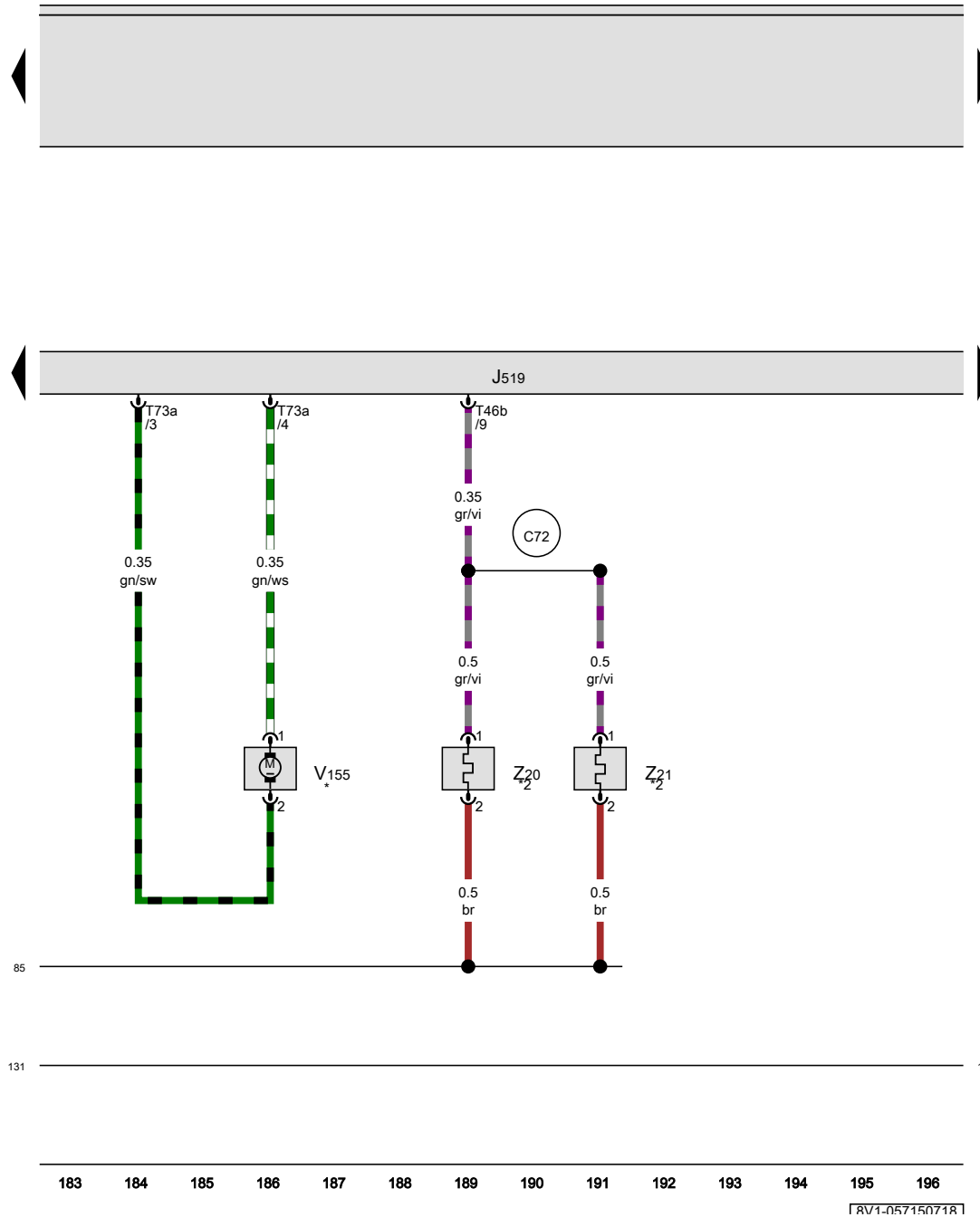
85 Earth connection 1, in engine compartment wiring harness

131 Earth connection 2, in engine compartment wiring harness

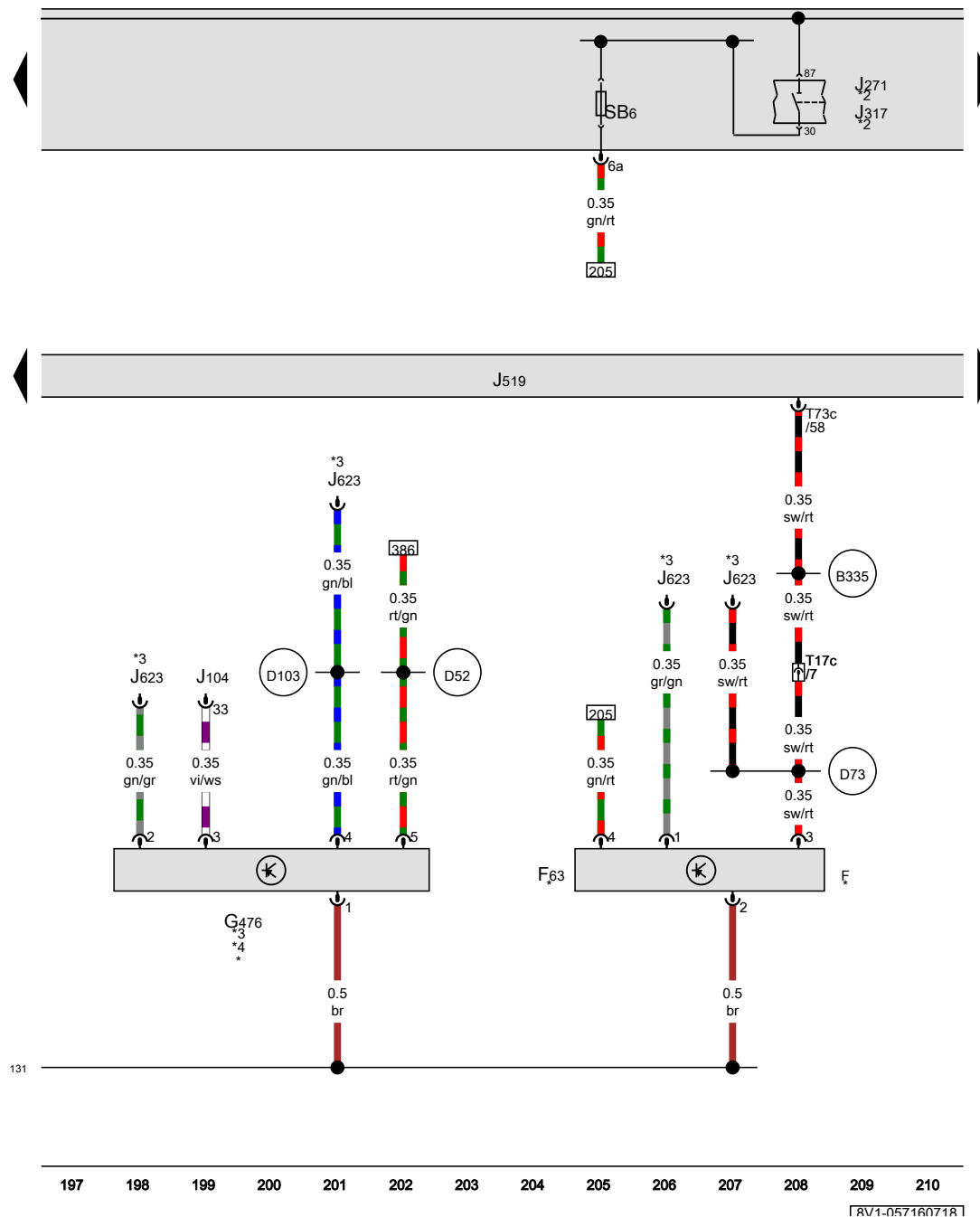
C72 Positive connection in heated washer jet wiring harness

* For models with no hybrid drive system

*2 For models with heater element for washer jets



- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = violet
- ge = yellow
- or = orange
- rs = pink



Brake pedal switch, Clutch position sender, Onboard supply control unit

- F Brake light switch
- F63 Brake pedal switch
- G476 Clutch position sender
- J104 ABS control unit
- J271 Main relay
- J317 Terminal 30 voltage supply relay
- J519 Onboard supply control unit
- J623 Engine/motor control unit
- SB6 Fuse 6 on fuse holder B
- T17c 17-pin connector
- T73c 73-pin connector

- 131 Earth connection 2, in engine compartment wiring harness
- B335 Connection 1 (54), in main wiring harness
- D52 Positive connection (15a), in engine compartment wiring harness
- D73 Positive connection (54), in engine compartment wiring harness
- D103 Connection 3 in engine compartment wiring harness
- * For models with no hybrid drive system
- *2 According to equipment
- *3 see applicable current flow diagram for engine
- *4 For models with manual gearbox

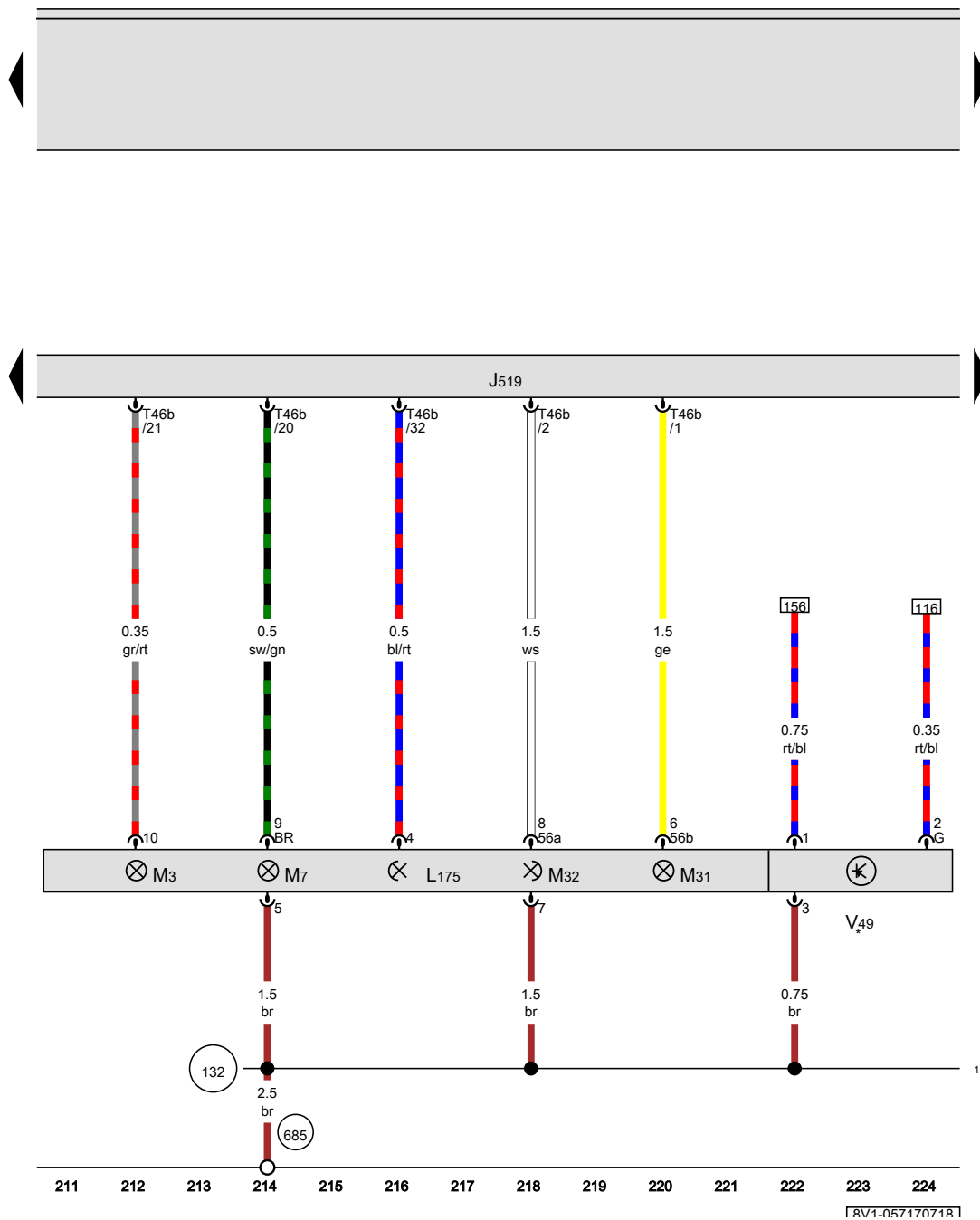
Onboard supply control unit, Right daytime running light bulb, Right side light bulb, Front right turn signal bulb, Right headlight dipped beam bulb, Right headlight main beam bulb, Right headlight range control motor

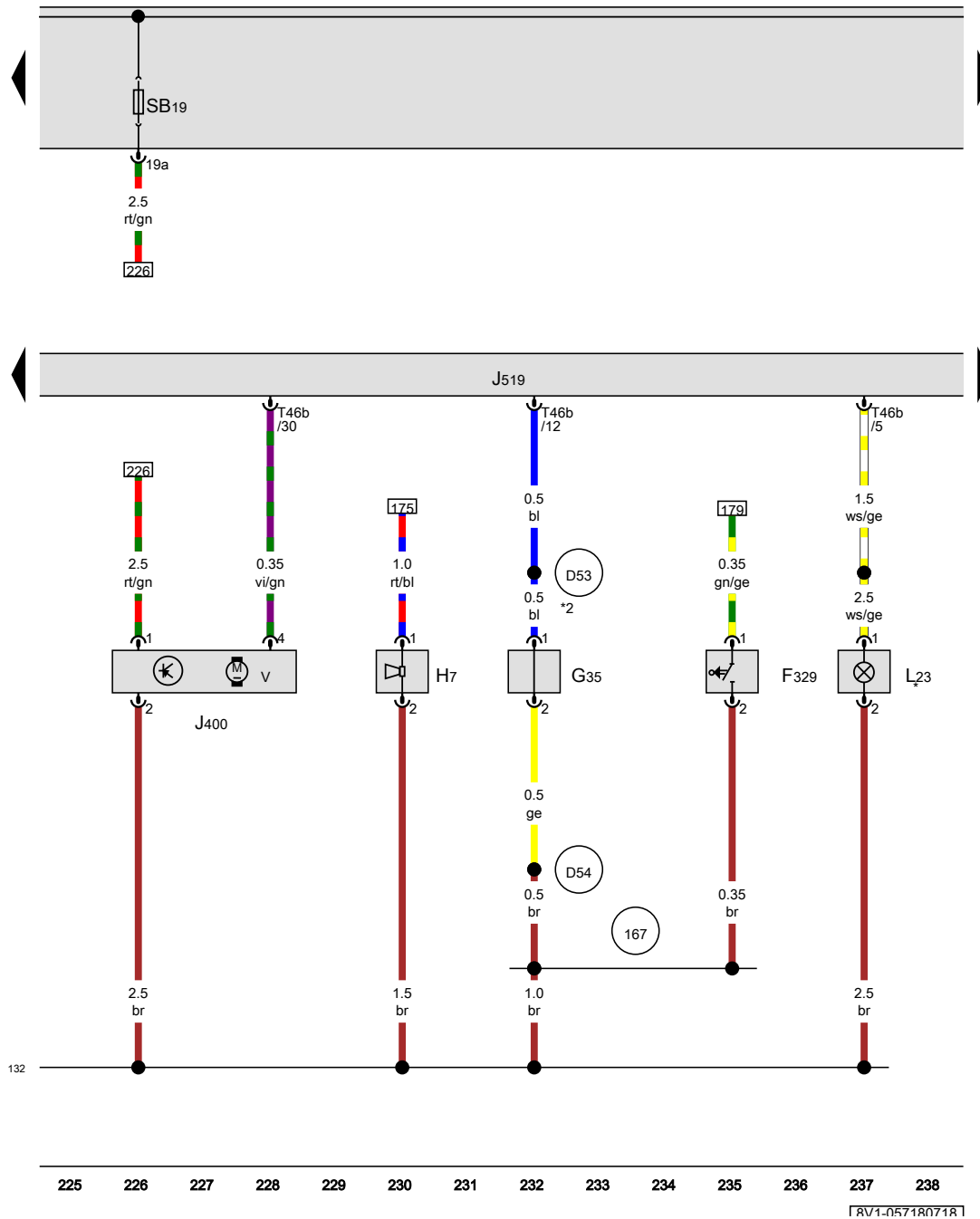
- J519 Onboard supply control unit
- L175 Right daytime running light bulb
- M3 Right side light bulb
- M7 Front right turn signal bulb
- M31 Right headlight dipped beam bulb
- M32 Right headlight main beam bulb
- T46b 46-pin connector
- V49 Right headlight range control motor

132 Earth connection 3, in engine compartment wiring harness

685 Earth point 1, on front of right longitudinal member

* For models with headlight range control





Bonnet contact switch 2, Front right brake pad wear sender, Bass horn, Wiper motor control unit, Onboard supply control unit, Right fog light bulb, Windscreen wiper motor

- F329 Bonnet contact switch 2
- G35 Front right brake pad wear sender
- H7 Bass horn
- J400 Wiper motor control unit
- J519 Onboard supply control unit
- L23 Right fog light bulb
- SB19 Fuse 19 on fuse holder B
- T46b 46-pin connector
- V Windscreen wiper motor

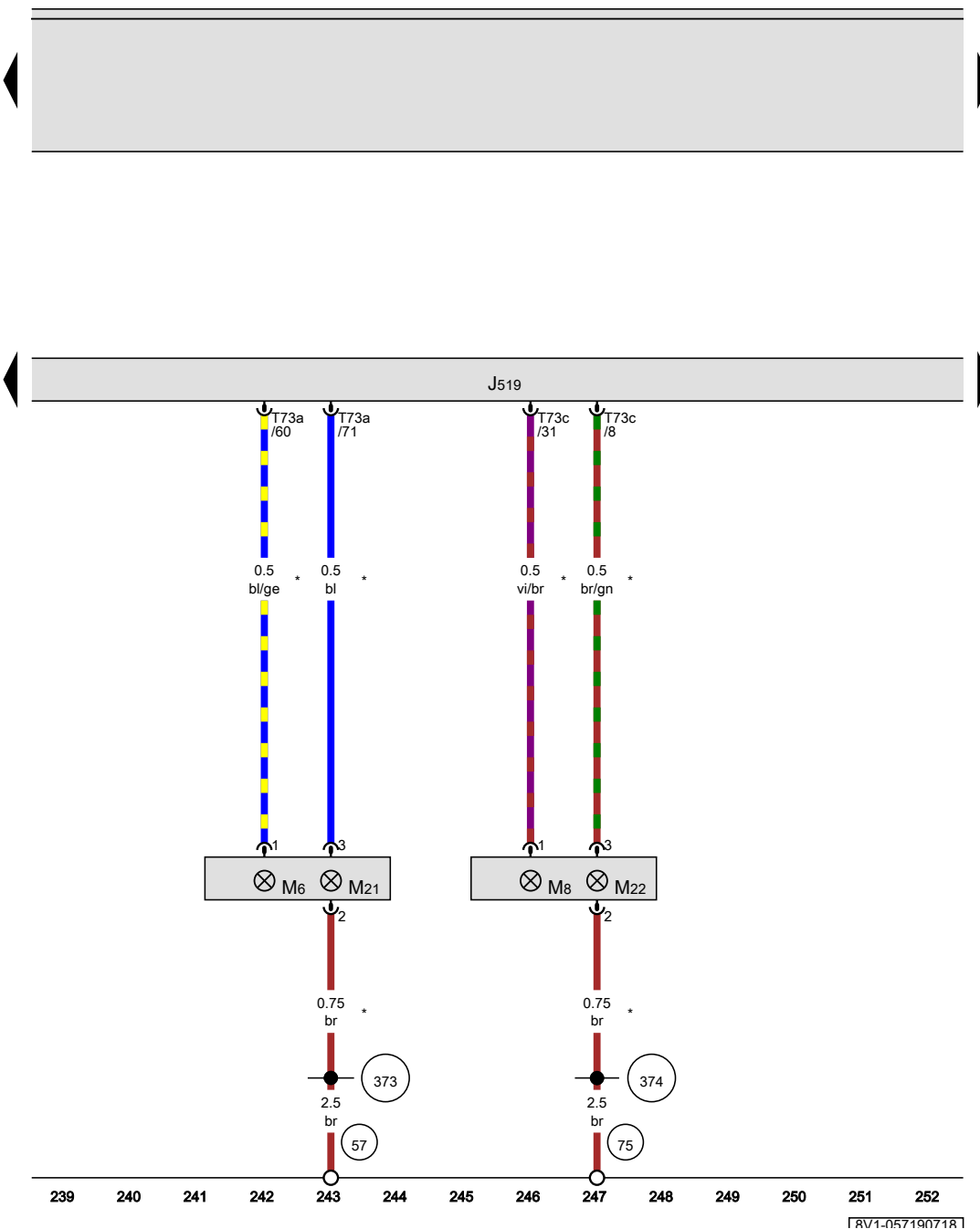
- 132 Earth connection 3, in engine compartment wiring harness
- 167 Earth connection 4, in engine compartment wiring harness
- D53 Connection (right brake wear indicator), in engine compartment wiring harness
- D54 Connection (right brake wear indicator), in engine compartment wiring harness
- * For models with fog lights
- *2 Wiring colour depends on equipment

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Onboard supply control unit, Rear left turn signal bulb, Rear right turn signal bulb, Left brake and tail light bulb, Right brake and tail light bulb

J519 Onboard supply control unit
M6 Rear left turn signal bulb
M8 Rear right turn signal bulb
M21 Left brake and tail light bulb
M22 Right brake and tail light bulb
T73a 73-pin connector
T73c 73-pin connector

57 Earth point, rear left pillar
75 Earth point, rear right pillar
373 Earth connection 8, in main wiring harness
374 Earth connection 9, in main wiring harness
* For models with 3 doors



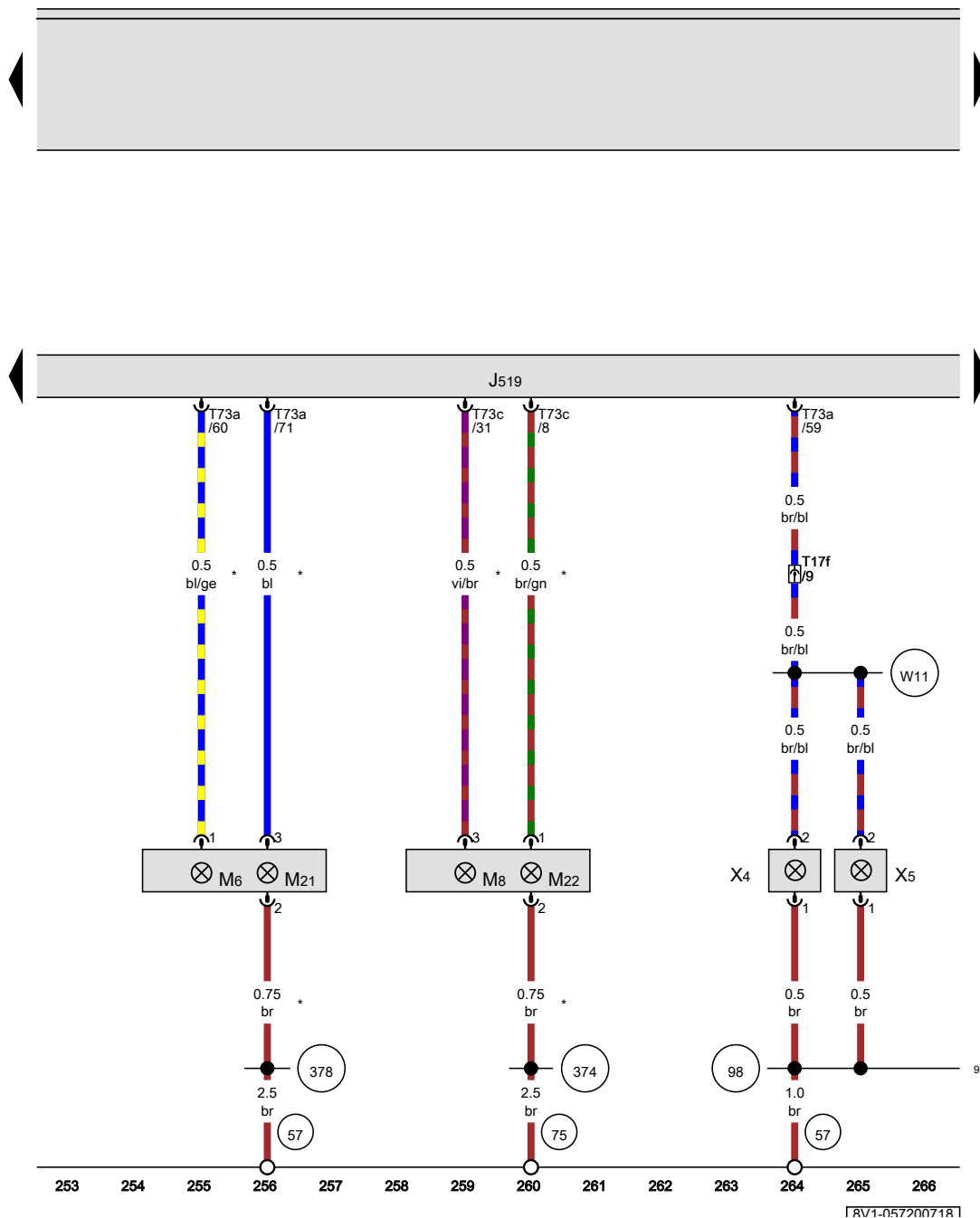
ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

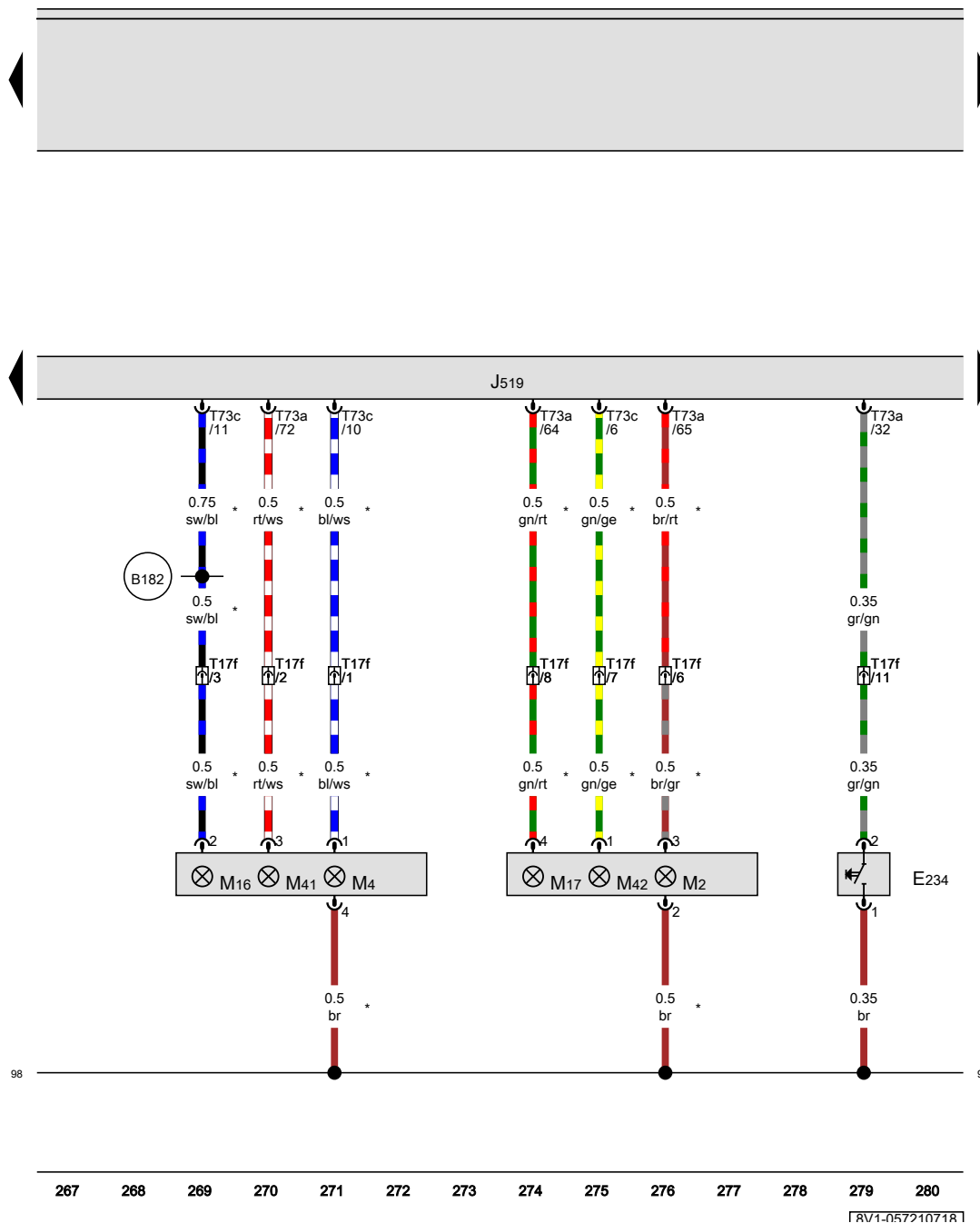
Onboard supply control unit, Rear left turn signal bulb, Rear right turn signal bulb, Left brake and tail light bulb, Right brake and tail light bulb

- J519 Onboard supply control unit
- M6 Rear left turn signal bulb
- M8 Rear right turn signal bulb
- M21 Left brake and tail light bulb
- M22 Right brake and tail light bulb
- T17f 17-pin connector
- T73a 73-pin connector
- T73c 73-pin connector
- X4 Left number plate light
- X5 Right number plate light

- 57 Earth point, rear left pillar
- 75 Earth point, rear right pillar
- 98 Earth connection, in rear lid wiring harness
- 374 Earth connection 9, in main wiring harness
- 378 Earth connection 13, in main wiring harness
- W11 Connection (58), in rear lid wiring harness
- * For models with 5 doors

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink





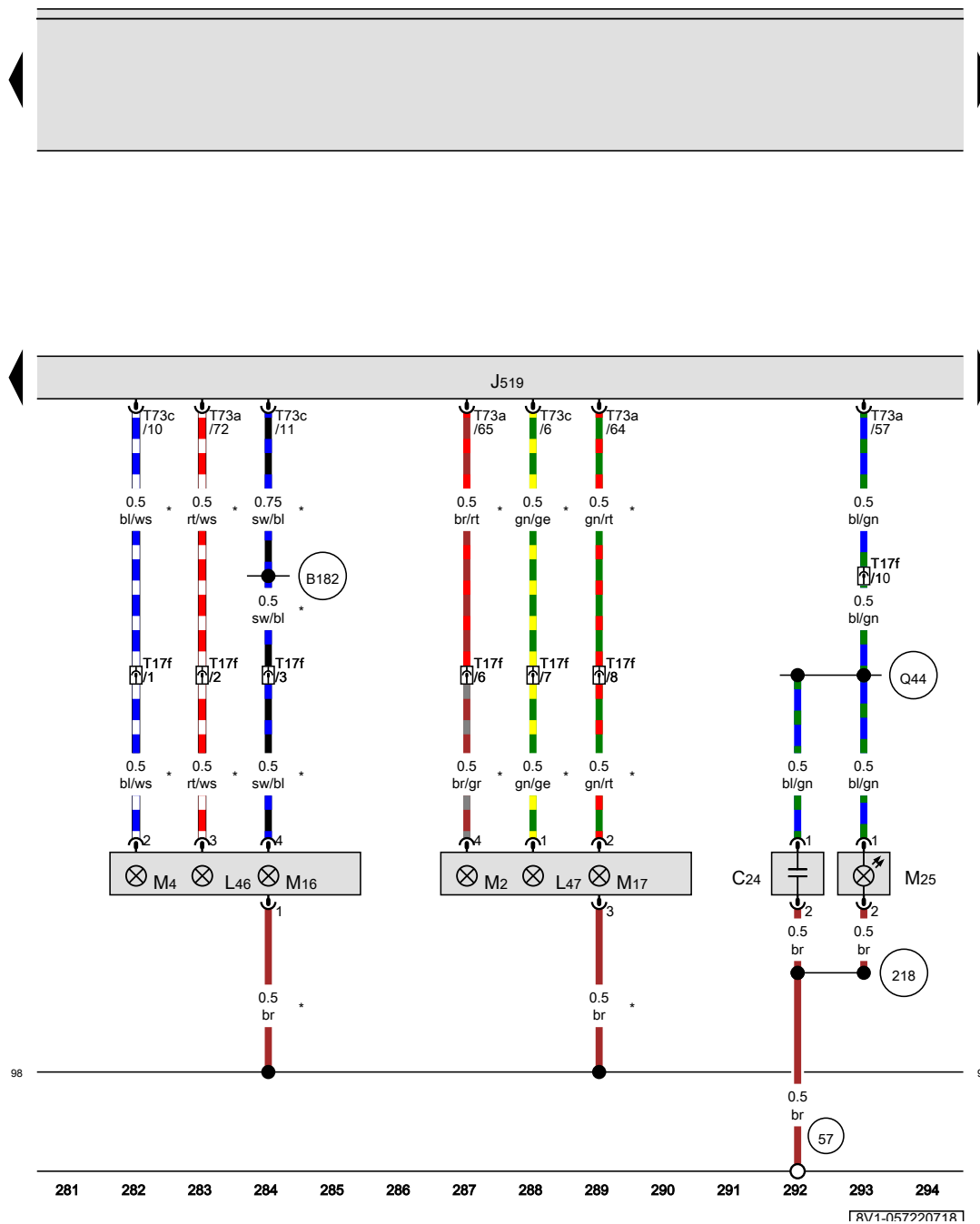
Rear lid handle release button, Onboard supply control unit, Right tail light bulb, Left tail light bulb, Left reversing light bulb, Right reversing light bulb, Left tail light and rear fog light bulb, Right tail light and rear fog light bulb

- E234 Rear lid handle release button
- J519 Onboard supply control unit
- M2 Right tail light bulb
- M4 Left tail light bulb
- M16 Left reversing light bulb
- M17 Right reversing light bulb
- M41 Left tail light and rear fog light bulb
- M42 Right tail light and rear fog light bulb
- T17f 17-pin connector
- T73a 73-pin connector
- T73c 73-pin connector

98 Earth connection, in rear lid wiring harness

B182 Connection (RL), in interior wiring harness

* For models with 5 doors



Onboard supply control unit, Rear left fog light bulb, Rear right fog light bulb, Right tail light bulb, Left tail light bulb, Left reversing light bulb, Right reversing light bulb, High-level brake light bulb

- C24 Suppression filter
- J519 Onboard supply control unit
- L46 Rear left fog light bulb
- L47 Rear right fog light bulb
- M2 Right tail light bulb
- M4 Left tail light bulb
- M16 Left reversing light bulb
- M17 Right reversing light bulb
- M25 High-level brake light bulb
- T17f 17-pin connector
- T73a 73-pin connector
- T73c 73-pin connector

- 57 Earth point, rear left pillar
- 98 Earth connection, in rear lid wiring harness
- 218 Earth connection 1, in rear lid wiring harness
- B182 Connection (RL), in interior wiring harness
- Q44 Connection 2, in rear lid wiring harness

* For models with 3 doors

Reversing light switch, Onboard supply control unit, Rear window wiper motor, Windscreen and rear window washer pump

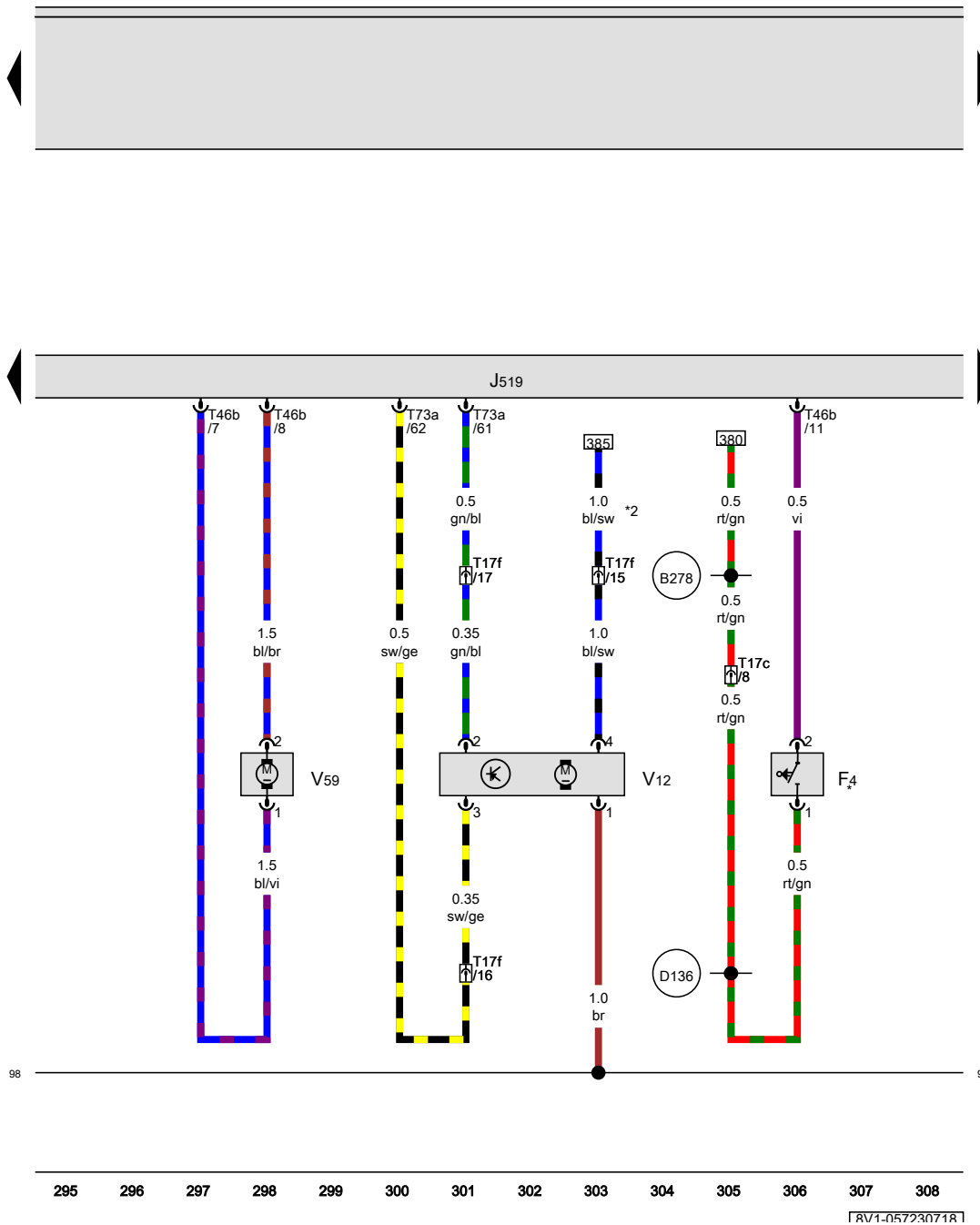
- F4 Reversing light switch
- J519 Onboard supply control unit
- T17c 17-pin connector
- T17f 17-pin connector
- T46b 46-pin connector
- T73a 73-pin connector
- V12 Rear window wiper motor
- V59 Windscreen and rear window washer pump

98 Earth connection, in rear lid wiring harness

B278 Positive connection 2 (15a) in main wiring harness

D136 Positive connection 2 (15a), in engine compartment wiring harness

- * For models with manual gearbox
- *2 Wiring colour depends on equipment



Rear lid contact switch for anti-theft alarm, Onboard supply control unit, Rear lid central locking motor

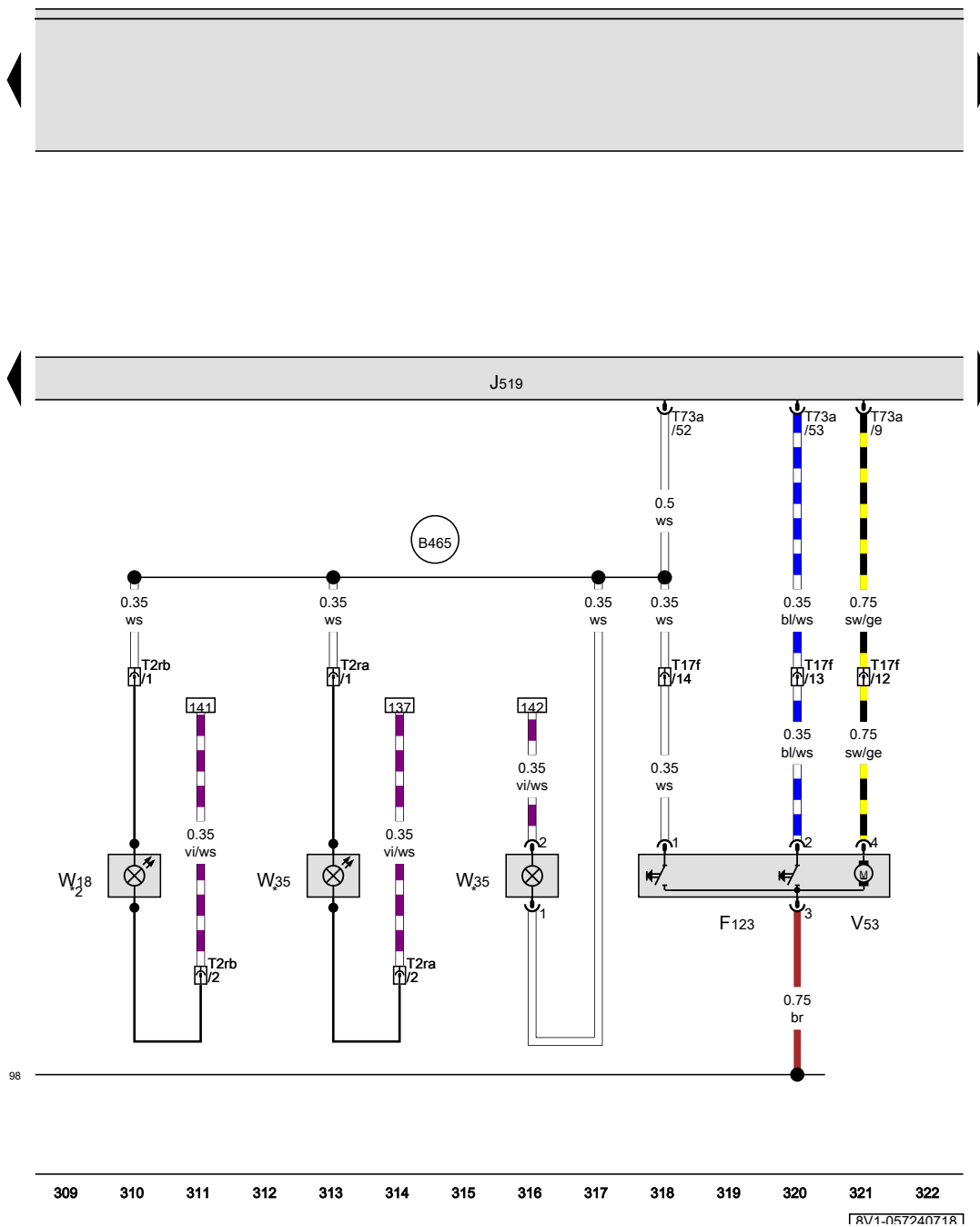
- F123 Rear lid contact switch for anti-theft alarm
- J519 Onboard supply control unit
- T2ra 2-pin connector
- T2rb 2-pin connector
- T17f 17-pin connector
- T73a 73-pin connector
- V53 Rear lid central locking motor
- W18 Left luggage compartment light
- W35 Right luggage compartment light

98 Earth connection, in rear lid wiring harness

B465 Connection 1, in main wiring harness

* According to equipment

*2 If fitted



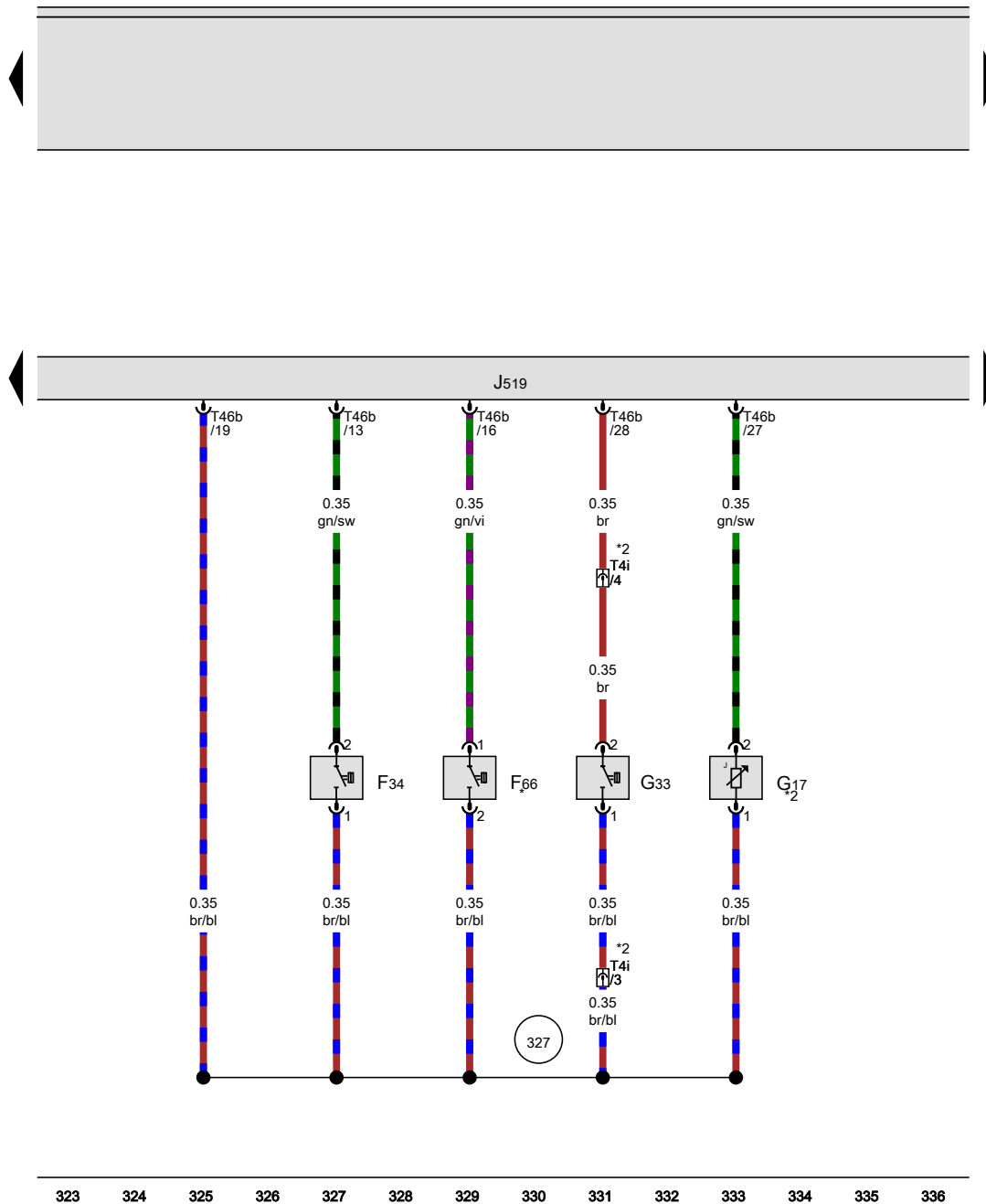
Brake fluid level warning contact, Coolant shortage indicator switch, Ambient temperature sensor, Windscreen washer fluid level sender, Onboard supply control unit

- F34 Brake fluid fluid level warning contact
- F66 Coolant shortage indicator switch
- G17 Ambient temperature sensor
- G33 Windscreen washer fluid level sender
- J519 Onboard supply control unit
- T4i 4-pin connector
- T46b 46-pin connector

327 Earth connection (sender earth), in engine compartment wiring harness

* For models with no hybrid drive system

*2 According to equipment



- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

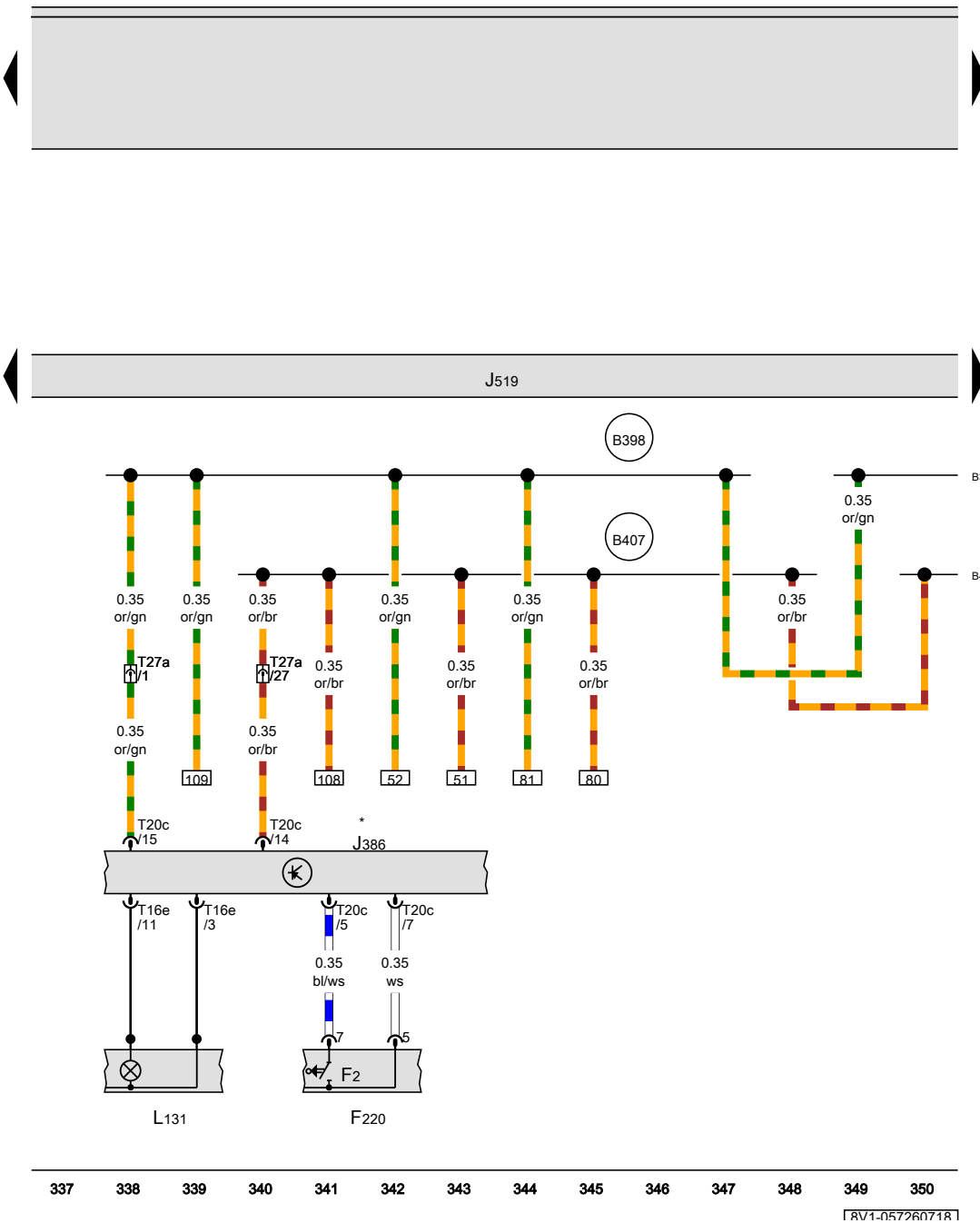
18V1-057250718

Driver side central locking lock unit, Driver door control unit, Onboard supply control unit, Driver side turn signal repeater bulb

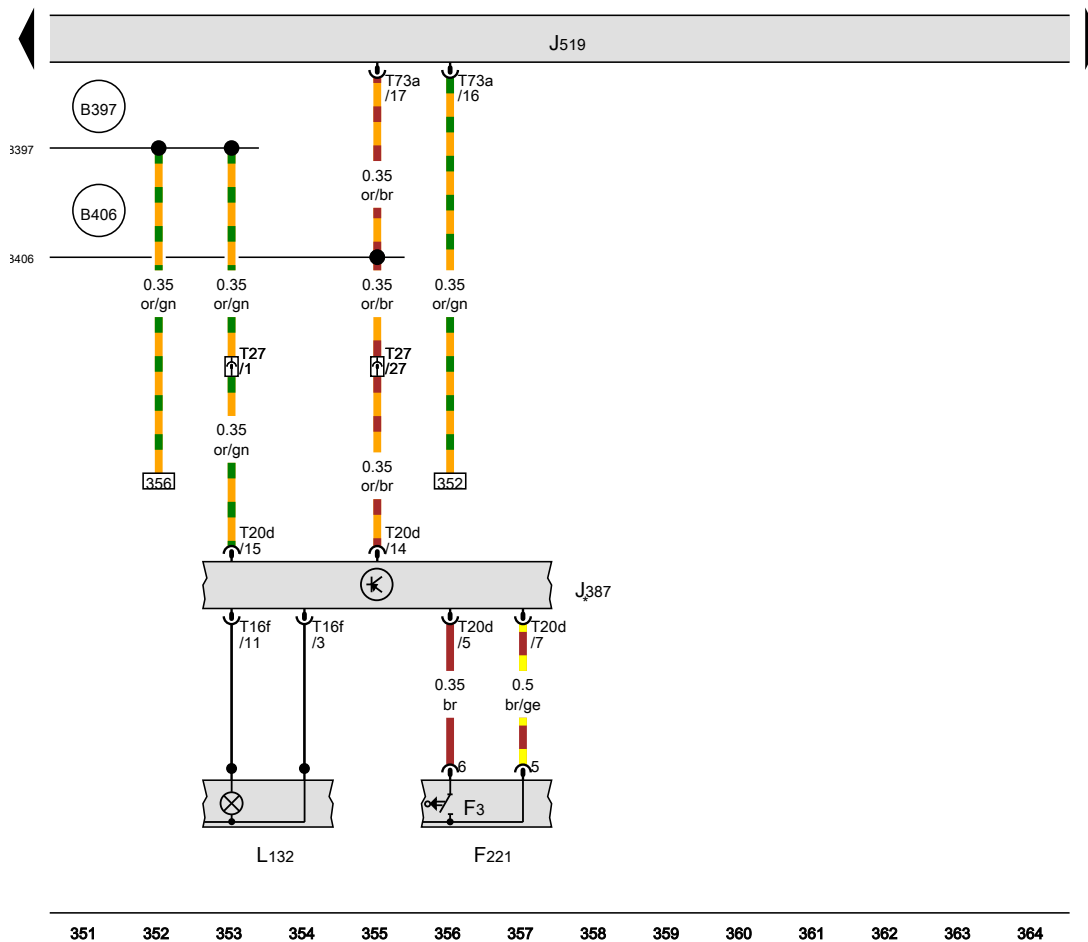
- F2 Driver door contact switch
- F220 Driver side central locking lock unit
- J386 Driver door control unit
- J519 Onboard supply control unit
- L131 Driver side turn signal repeater bulb
- T16e 16-pin connector
- T20c 20-pin connector
- T27a 27-pin connector

- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness

* see applicable current flow diagram for convenience system



- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



Front passenger side central locking lock unit, Front passenger door control unit, Onboard supply control unit, Front passenger side turn signal repeater bulb

- F3 Front passenger door contact switch
- F221 Front passenger side central locking lock unit
- J387 Front passenger door control unit
- J519 Onboard supply control unit
- L132 Front passenger side turn signal repeater bulb
- T16f 16-pin connector
- T20d 20-pin connector
- T27 27-pin connector
- T73a 73-pin connector
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- * see applicable current flow diagram for convenience system

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

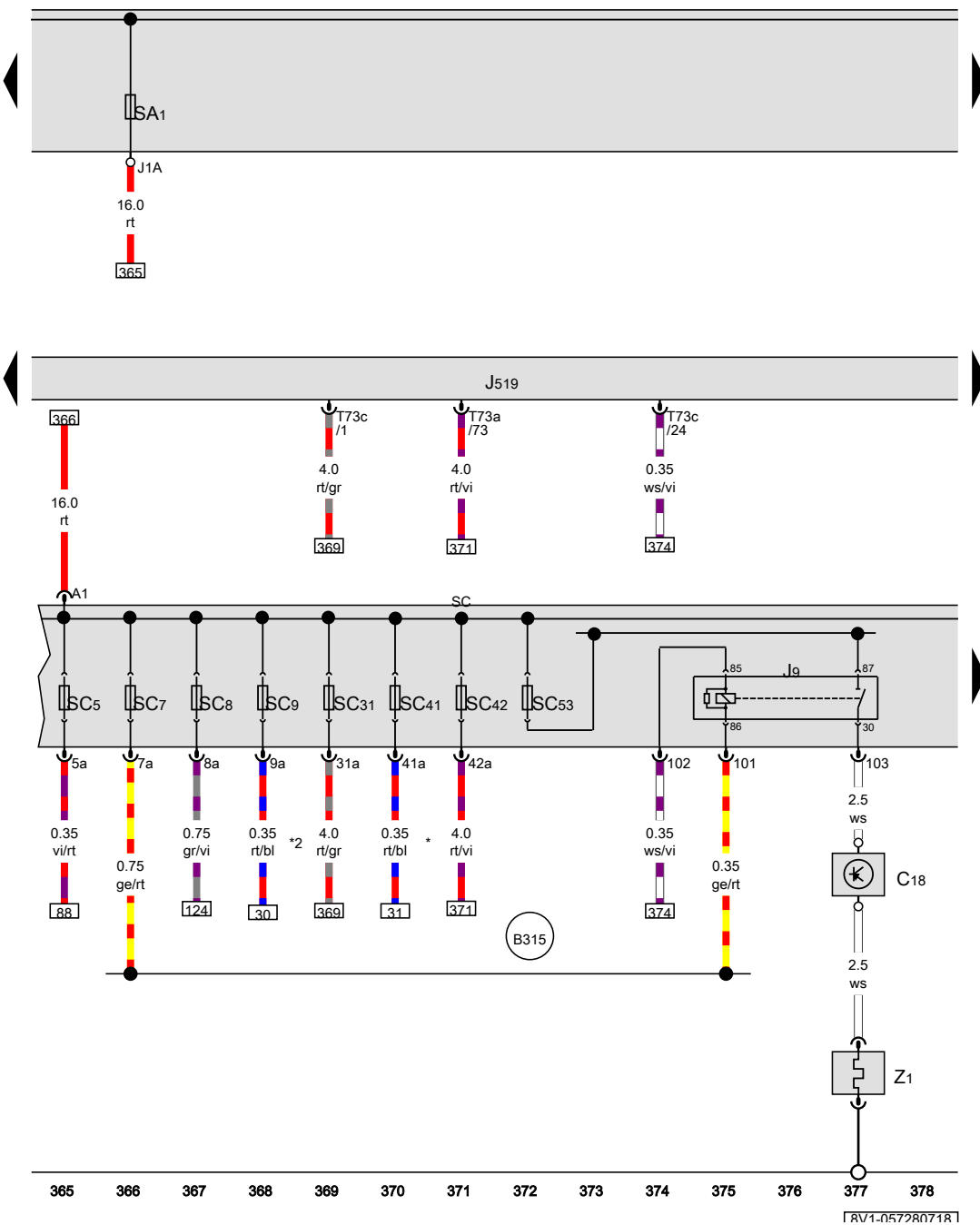
Heated rear window relay, Onboard supply control unit,
Fuse holder C, Heated rear window

- C18 Window aerial suppression filter
- J9 Heated rear window relay
- J519 Onboard supply control unit
- SA1 Fuse 1 on fuse holder A
- SC Fuse holder C
- SC5 Fuse 5 on fuse holder C
- SC7 Fuse 7 on fuse holder C
- SC8 Fuse 8 on fuse holder C
- SC9 Fuse 9 on fuse holder C
- SC31 Fuse 31 on fuse holder C
- SC41 Fuse 41 on fuse holder C
- SC42 Fuse 42 on fuse holder C
- SC53 Fuse 53 on fuse holder C
- T73a 73-pin connector
- T73c 73-pin connector
- Z1 Heated rear window

B315 Positive connection 1 (30a) in main wiring harness

* Up to April 2013

*2 From May 2013

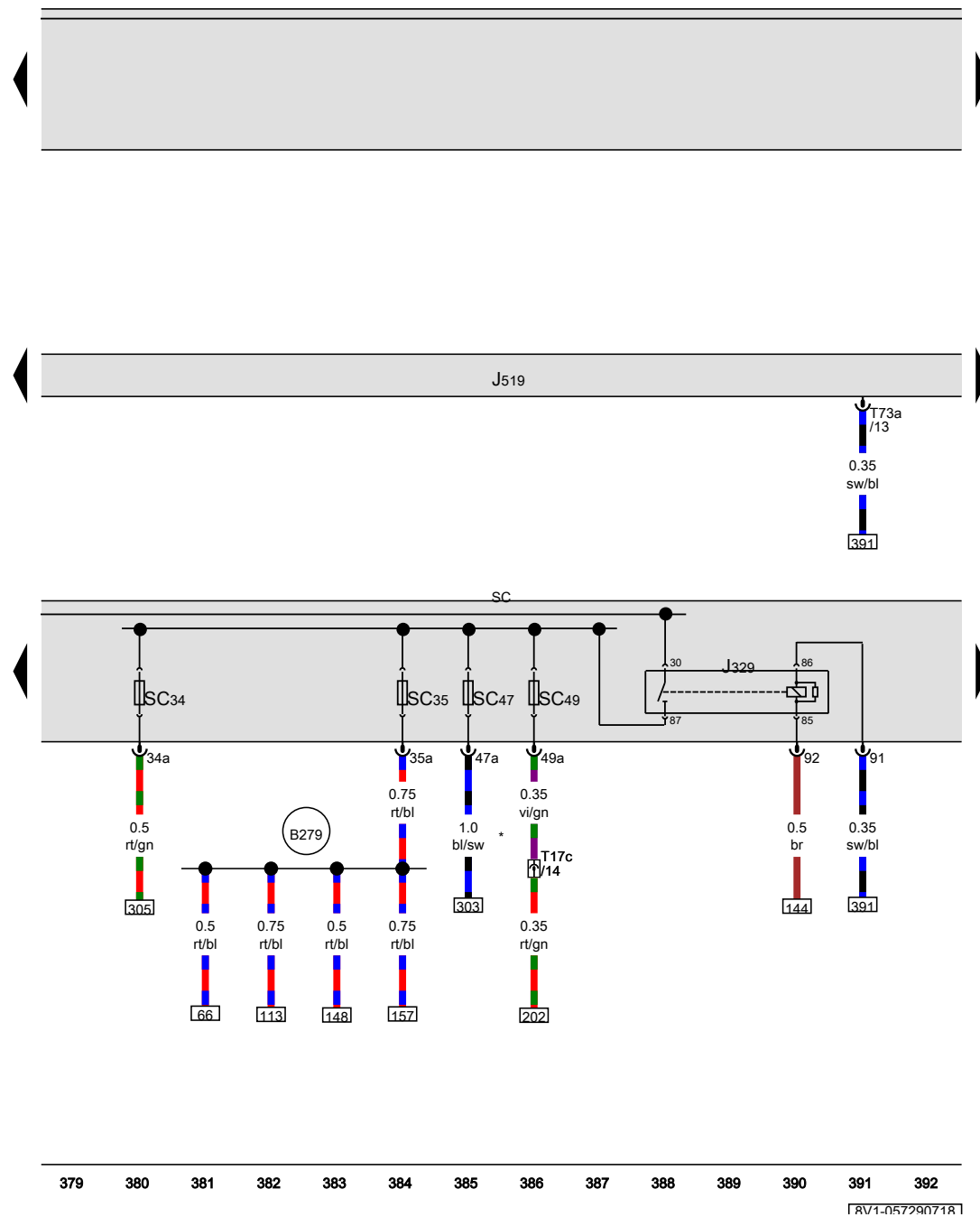


Terminal 15 voltage supply relay, Onboard supply control unit, Fuse holder C

- J329 Terminal 15 voltage supply relay
- J519 Onboard supply control unit
- SC Fuse holder C
- SC34 Fuse 34 on fuse holder C
- SC35 Fuse 35 on fuse holder C
- SC47 Fuse 47 on fuse holder C
- SC49 Fuse 49 on fuse holder C
- T17c 17-pin connector
- T73a 73-pin connector

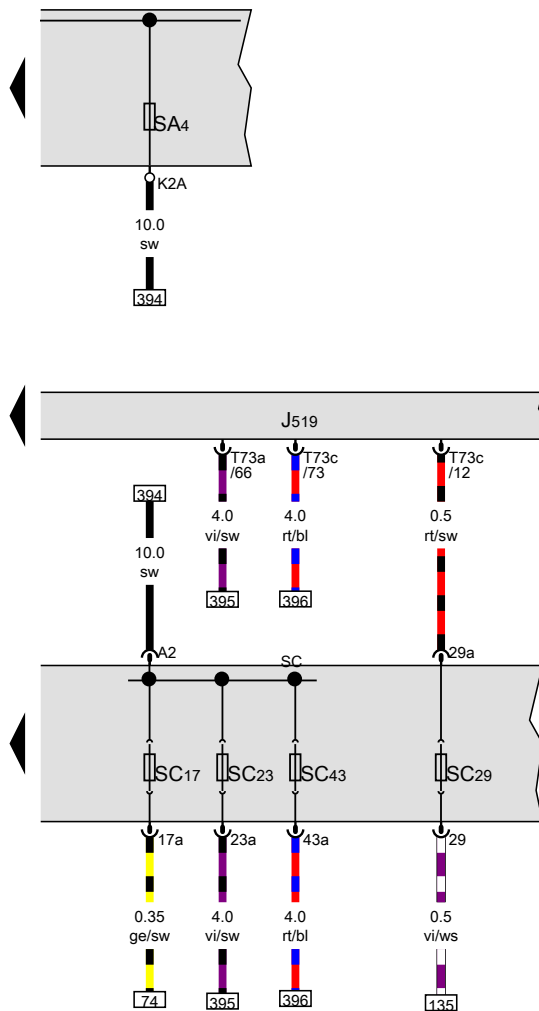
(B279) Positive connection 3 (15a) in main wiring harness

* Wiring colour depends on equipment



Onboard supply control unit, Fuse holder C

- J519 Onboard supply control unit
- SA4 Fuse 4 on fuse holder A
- SC Fuse holder C
- SC17 Fuse 17 on fuse holder C
- SC23 Fuse 23 on fuse holder C
- SC29 Fuse 29 on fuse holder C
- SC43 Fuse 43 on fuse holder C
- T73a 73-pin connector
- T73c 73-pin connector



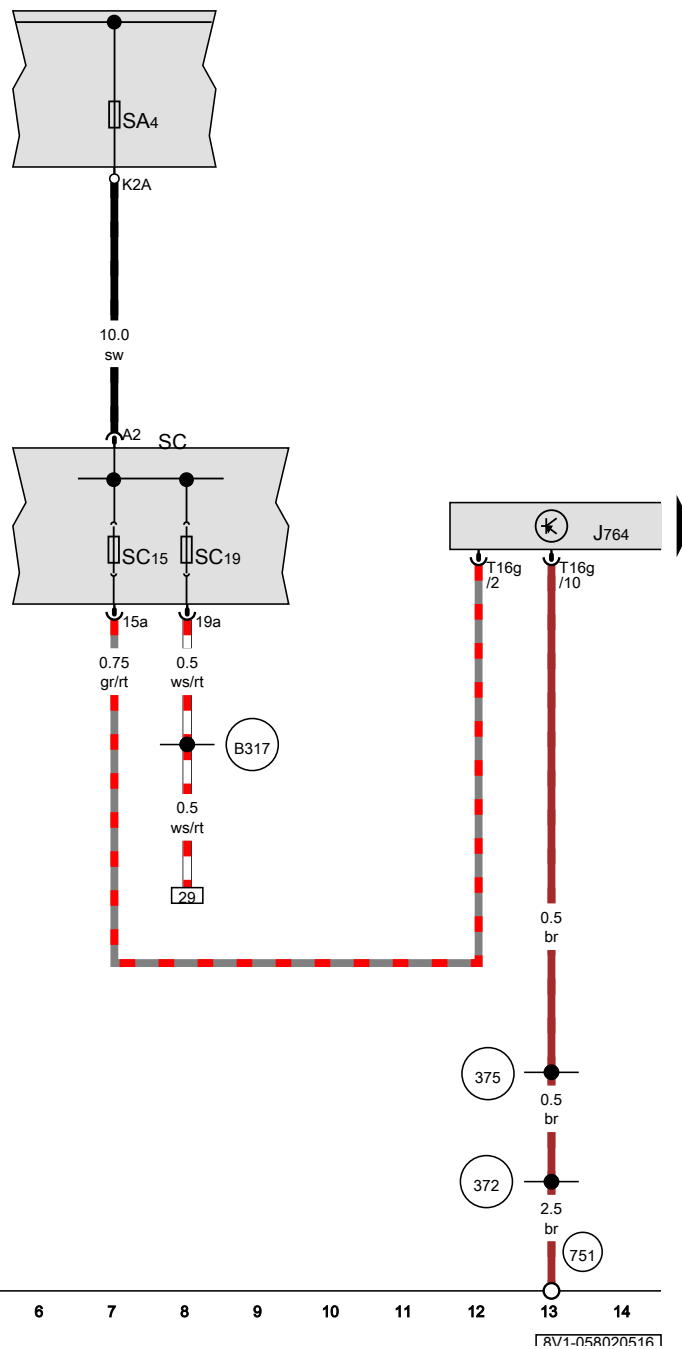
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

393 394 395 396 397 398 399 400 401 402 403 404 405 406

[RV1-057300718]

Entry and start authorisation for RHD vehicles , (L0R)

From March 2012



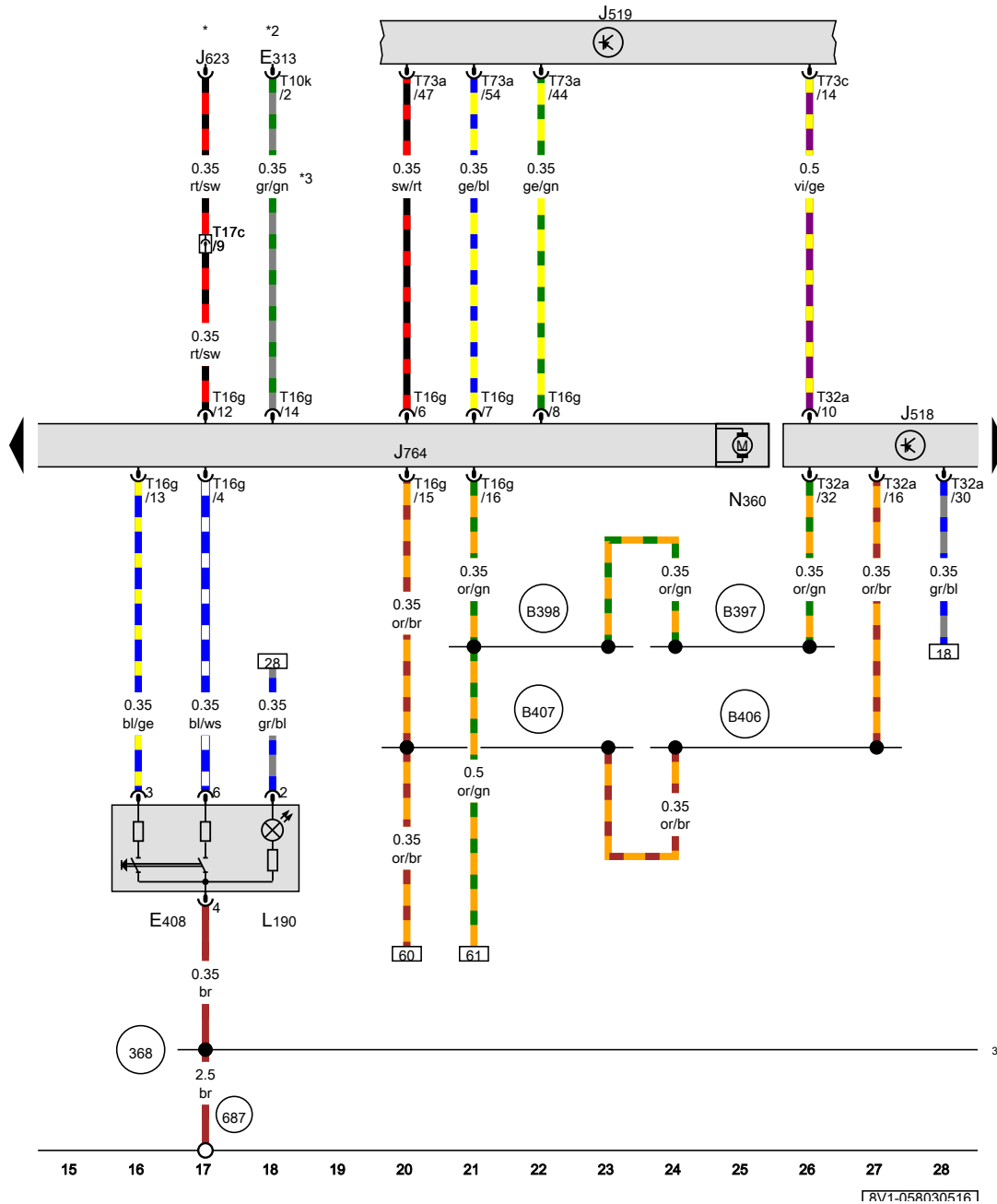
Control unit for electronic steering column lock, Fuse 4 in fuse holder A, Fuse holder C

- J764 Control unit for electronic steering column lock
- SA4 Fuse 4 in fuse holder A
- SC Fuse holder C
- SC15 Fuse 15 on fuse holder C
- SC19 Fuse 19 on fuse holder C
- T16g 16-pin connector

- 372 Earth connection 7, in main wiring harness
- 375 Earth connection 10, in main wiring harness
- 751 Earth point 2, on right A-pillar
- B317 Positive connection 3 (30a) in main wiring harness

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Entry and start authorisation button, Entry and start authorisation control unit, Onboard supply control unit, Control unit for electronic steering column lock



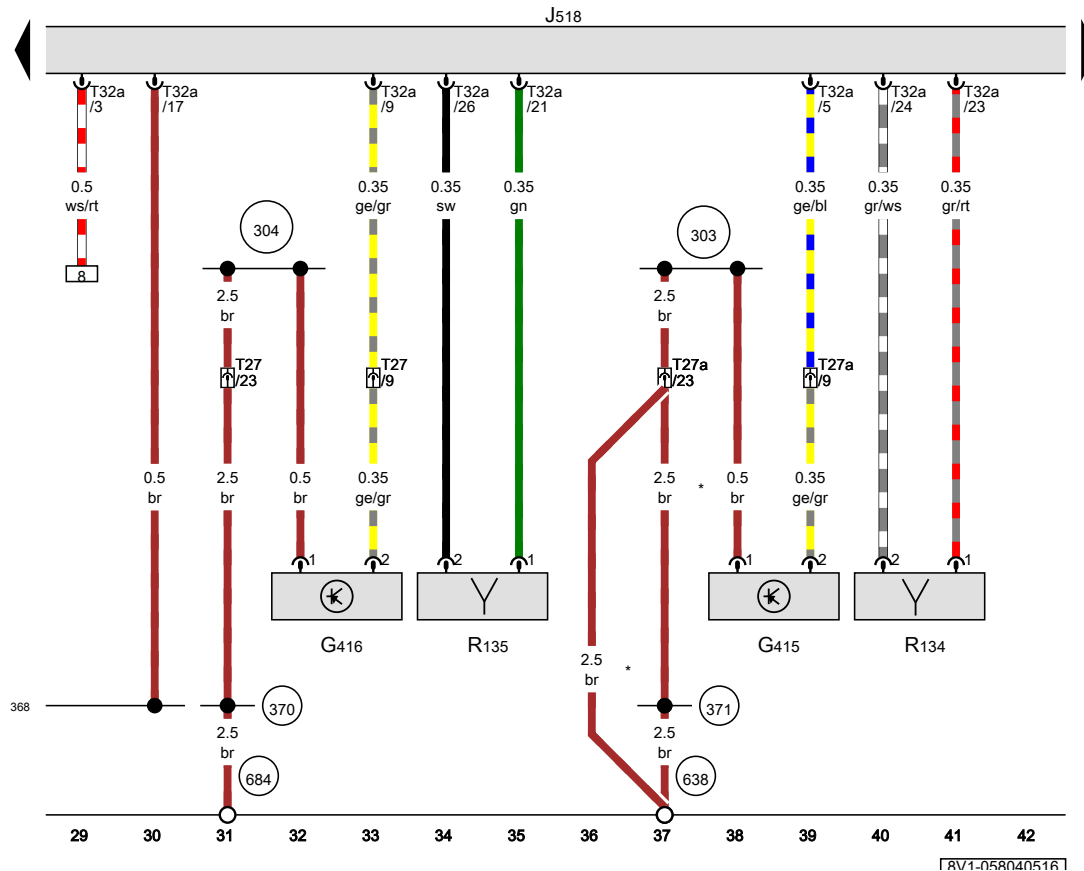
- E313 Selector lever
- E408 Entry and start authorisation button
- J518 Entry and start authorisation control unit
- J519 Onboard supply control unit
- J623 Engine control unit
- J764 Control unit for electronic steering column lock
- L190 Ignition and starter button illumination bulb
- N360 Steering column lock control element
- T10k 10-pin connector
- T16g 16-pin connector
- T17c 17-pin connector
- T32a 32-pin connector
- T73a 73-pin connector
- T73c 73-pin connector
- 368 Earth connection 3, in main wiring harness
- 687 Earth point 1, on centre tunnel
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness
- * see applicable current flow diagram for engine
- *2 see applicable current flow diagram for dual clutch gearbox
- *3 Up to October 2013

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

Driver door exterior handle contact sensor, Front passenger door exterior handle contact sensor, Entry and start authorisation control unit, Driver side aerial for entry and start system, Passenger side aerial for entry and start system

- G415 Driver door exterior handle contact sensor
- G416 Front passenger door exterior handle contact sensor
- J518 Entry and start authorisation control unit
- R134 Driver side aerial for entry and start system
- R135 Passenger side aerial for entry and start system
- T27 27-pin connector, on left A-pillar
- T27a 27-pin connector, on right A-pillar
- T32a 32-pin connector

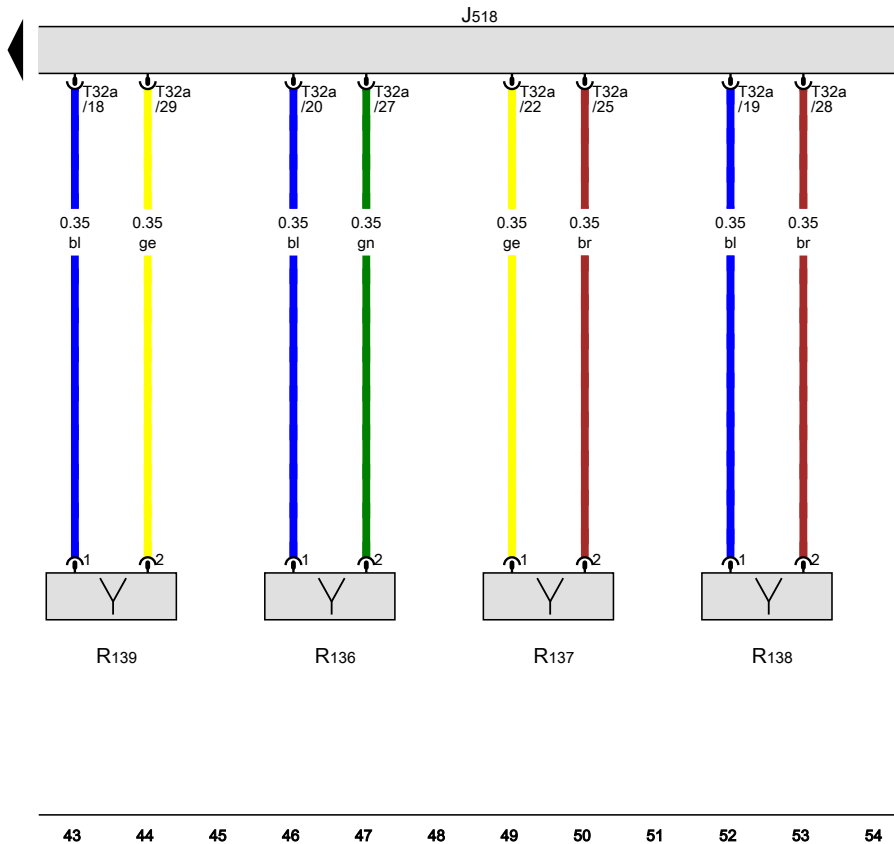
- 303 Earth connection 3, in drive side door wiring harness
- 304 Earth connection 3, in front passenger side door wiring harness
- 368 Earth connection 3, in main wiring harness
- 370 Earth connection 5, in main wiring harness
- 371 Earth connection 6, in main wiring harness
- 638 Earth point, on right A-pillar
- 684 Earth point on front of left side member
- * According to equipment



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- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

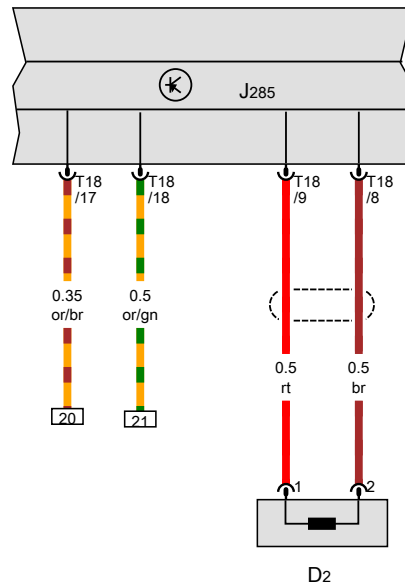
Entry and start authorisation control unit, Rear bumper aerial for entry and start system, Luggage compartment aerial for entry and start system, Interior aerial 1 for entry and start system, Interior aerial 2 for entry and start system

- J518 Entry and start authorisation control unit
- R136 Rear bumper aerial for entry and start system
- R137 Luggage compartment aerial for entry and start system
- R138 Interior aerial 1 for entry and start system
- R139 Interior aerial 2 for entry and start system
- T32a 32-pin connector



Immobiliser reader coil, Control unit in dash panel insert

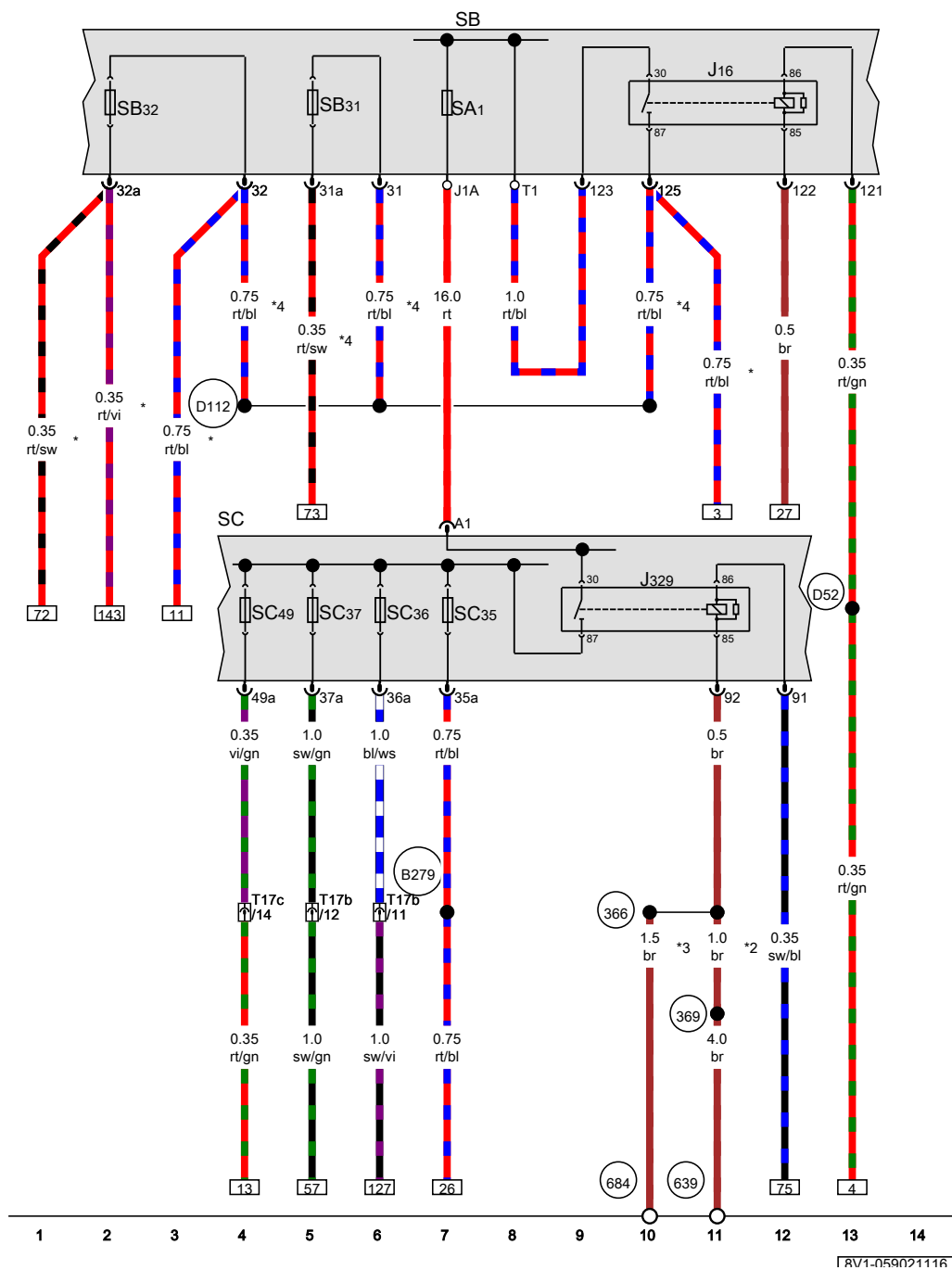
D2 Immobiliser reader coil
J285 Control unit in dash panel insert
T18 18-pin connector



ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

LED headlights , (8IT)

From September 2012



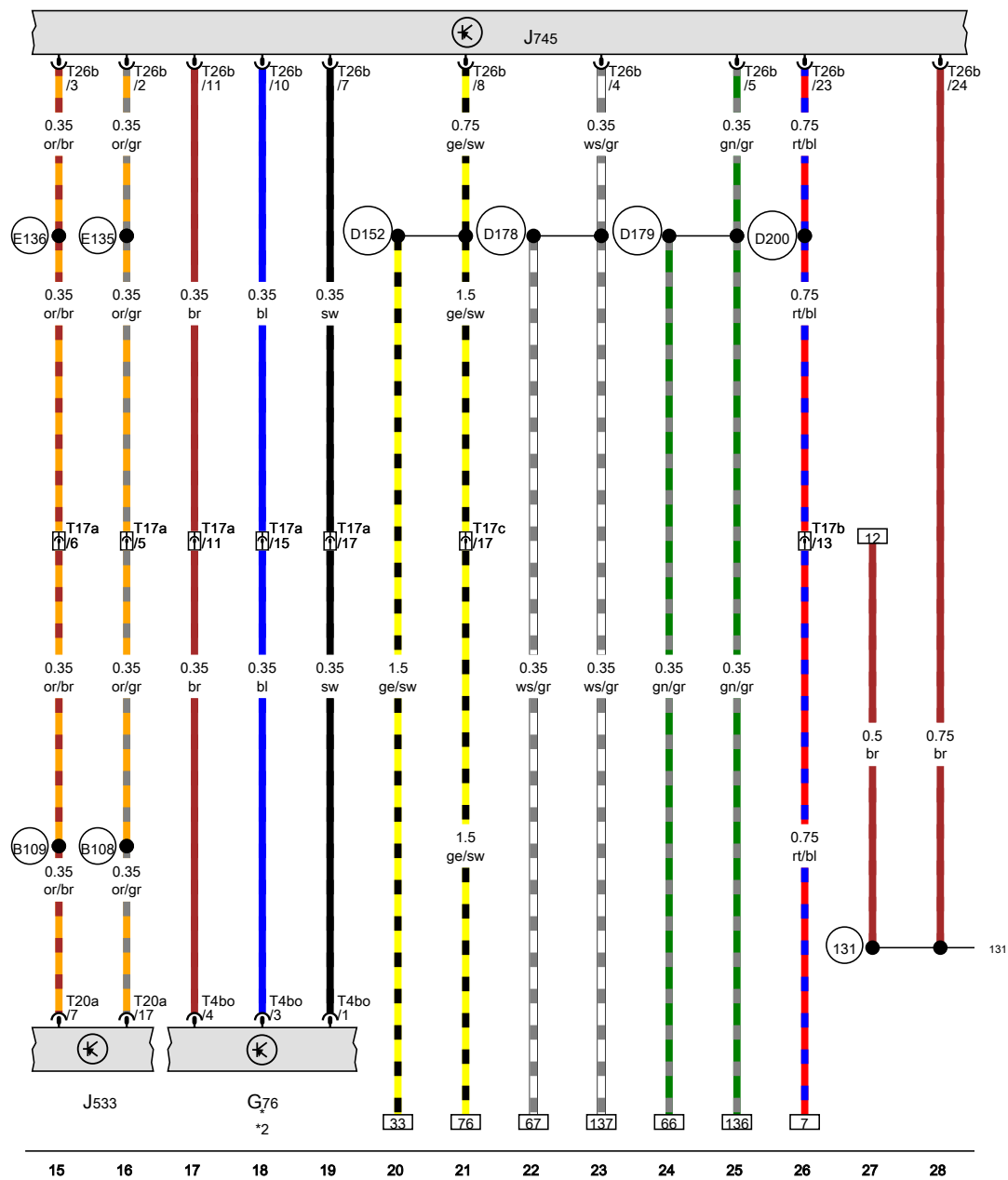
Terminal 15 voltage supply relay, Fuse 1 on fuse holder A, Fuse 31 on fuse holder B, Fuse 32 on fuse holder B, Fuse holder C

- J16 Current supply relay
- J329 Terminal 15 voltage supply relay
- SA1 Fuse 1 on fuse holder A
- SB Fuse holder B
- SB31 Fuse 31 on fuse holder B
- SB32 Fuse 32 on fuse holder B
- SC Fuse holder C
- SC35 Fuse 35 on fuse holder C
- SC36 Fuse 36 on fuse holder C
- SC37 Fuse 37 on fuse holder C
- SC49 Fuse 49 on fuse holder C
- T17b 17-pin connector
- T17c 17-pin connector

- 366 Earth connection 1, in main wiring harness
- 369 Earth connection 4, in main wiring harness
- 639 Earth point, left A-pillar
- 684 Earth point on front of left side member
- B279 Positive connection 3 (15a) in main wiring harness
- D52 Positive connection (15a), in engine compartment wiring harness
- D112 Connection 10 in engine compartment wiring harness

- * From May 2013
- *2 Only left-hand drive models
- *3 Only right-hand drive models
- *4 Up to April 2013

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



Rear left vehicle level sender, Control unit for cornering light and headlight range control

- G76 Rear left vehicle level sender
- J533 Data bus diagnostic interface
- J745 Control unit for cornering light and headlight range control
- T4bo 4-pin connector
- T17a 17-pin connector
- T17b 17-pin connector
- T17c 17-pin connector
- T20a 20-pin connector
- T26b 26-pin connector

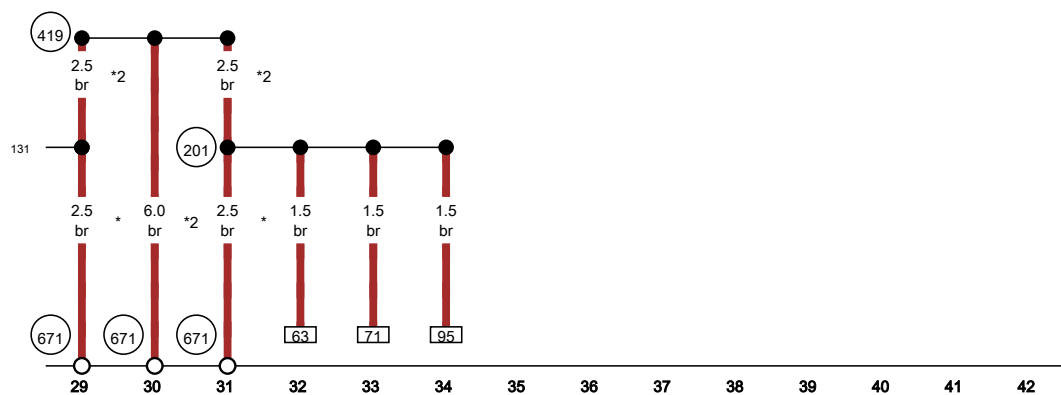
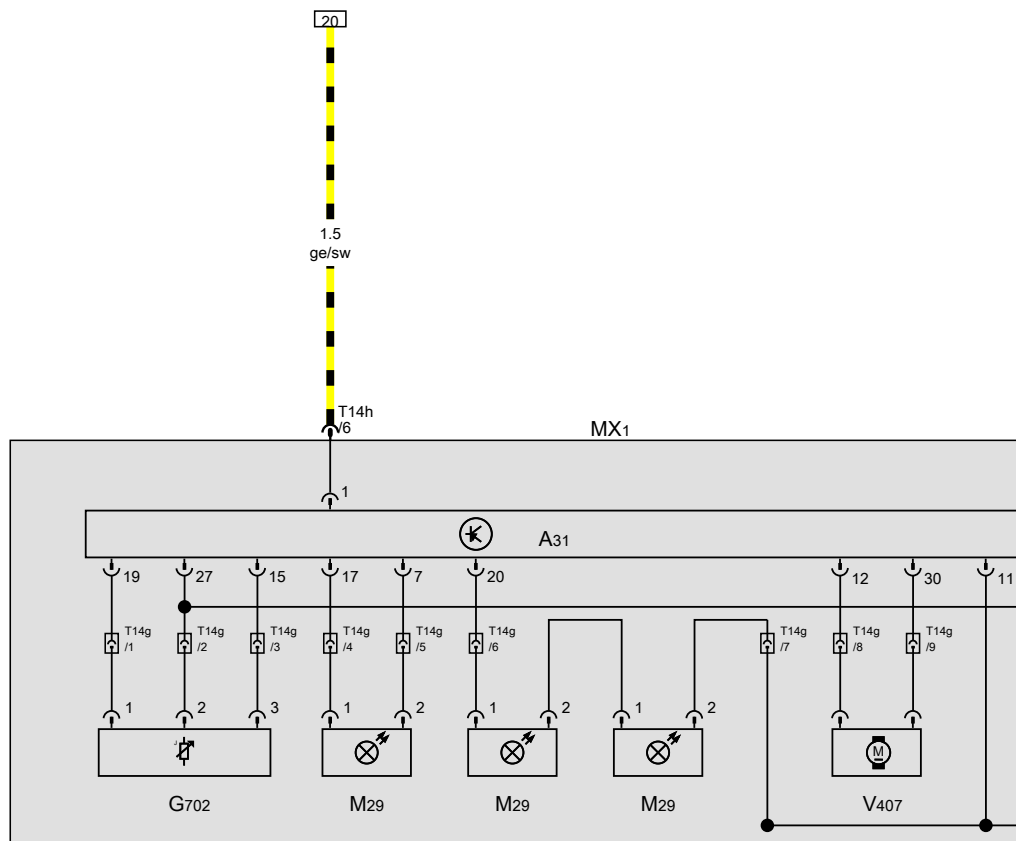
- 131 Earth connection 2, in engine compartment wiring harness
- B108 Connection 1 (CAN bus extended high), in main wiring harness
- B109 Connection 1 (CAN bus extended low), in main wiring harness
- D152 Positive connection 1 (56b), in engine compartment wiring harness
- D178 Connection 2 (high bus), in engine compartment wiring harness
- D179 Connection 2 (low bus), in engine compartment wiring harness
- D200 Positive connection 3 (15a), in engine compartment wiring harness
- E135 Connection (CAN bus extended high), in engine compartment wiring harness
- E136 Connection (CAN bus extended low), in engine compartment wiring harness
- * According to equipment
- *2 If fitted

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Output module 1 for left LED headlight, Temperature sender 1 for left headlight, Front left headlight, Left headlight dipped beam bulb, Left headlight fan

- A31 Output module 1 for left LED headlight
- G702 Temperature sender 1 for left headlight
- MX1 Front left headlight
- M29 Left headlight dipped beam bulb
- T14g 14-pin connector
- T14h 14-pin connector
- V407 Left headlight fan

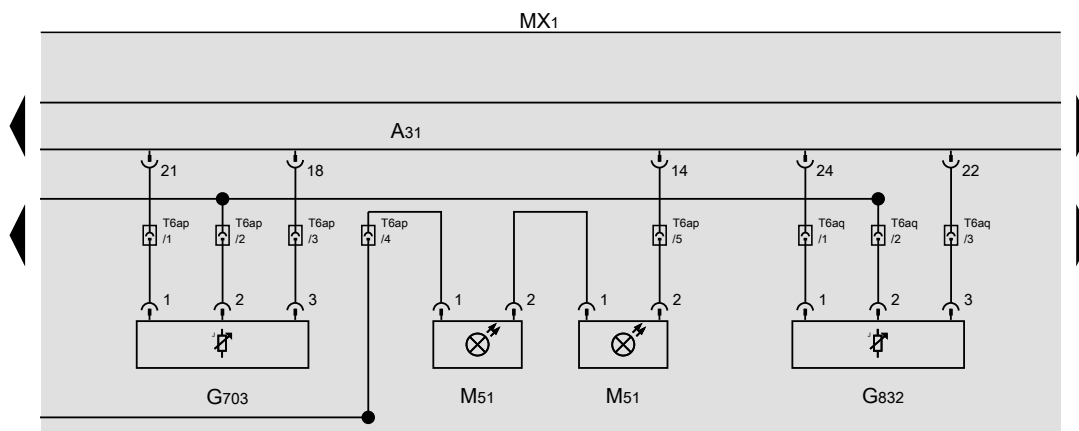
- 131 Earth connection 2, in engine compartment wiring harness
- 201 Earth connection 5, in engine compartment wiring harness
- 419 Earth connection 11, in engine compartment wiring harness
- 671 Earth point 1, on front of left longitudinal member
- * Gradually discontinued
- *2 gradual introduction



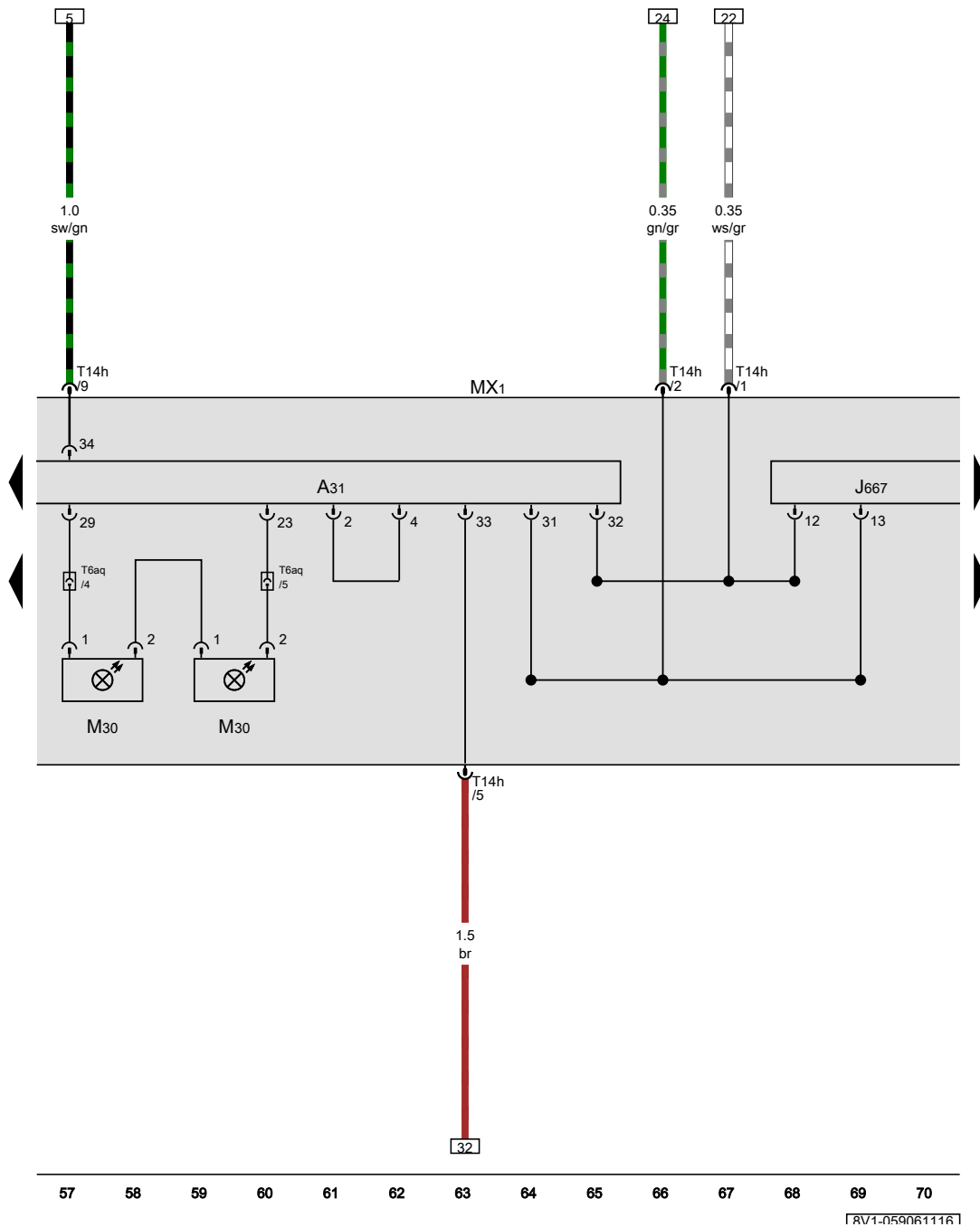
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- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
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- rs = pink

[8V1-059041116]

A31	Output module 1 for left LED headlight
G703	Temperature sender 2 for left headlight
G832	Temperature sender 3 for left headlight
MX1	Front left headlight
M51	Left static cornering light
T6ap	6-pin connector
T6aq	6-pin connector



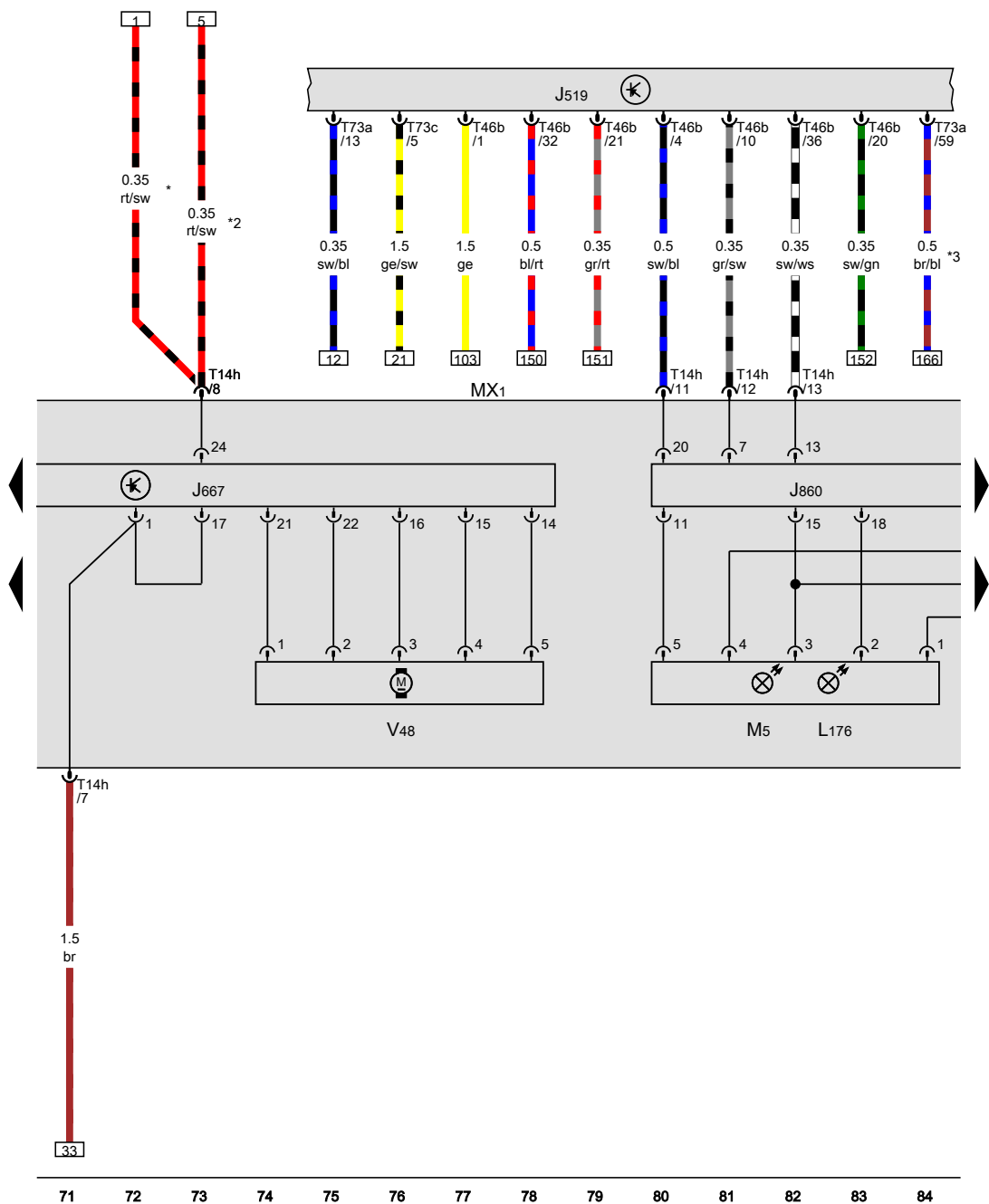
ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink



Output module 1 for left LED headlight, Output module for left headlight, Front left headlight, Left headlight main beam bulb

- A31 Output module 1 for left LED headlight
- J667 Output module for left headlight
- MX1 Front left headlight
- M30 Left headlight main beam bulb
- T6aq 6-pin connector
- T14h 14-pin connector

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



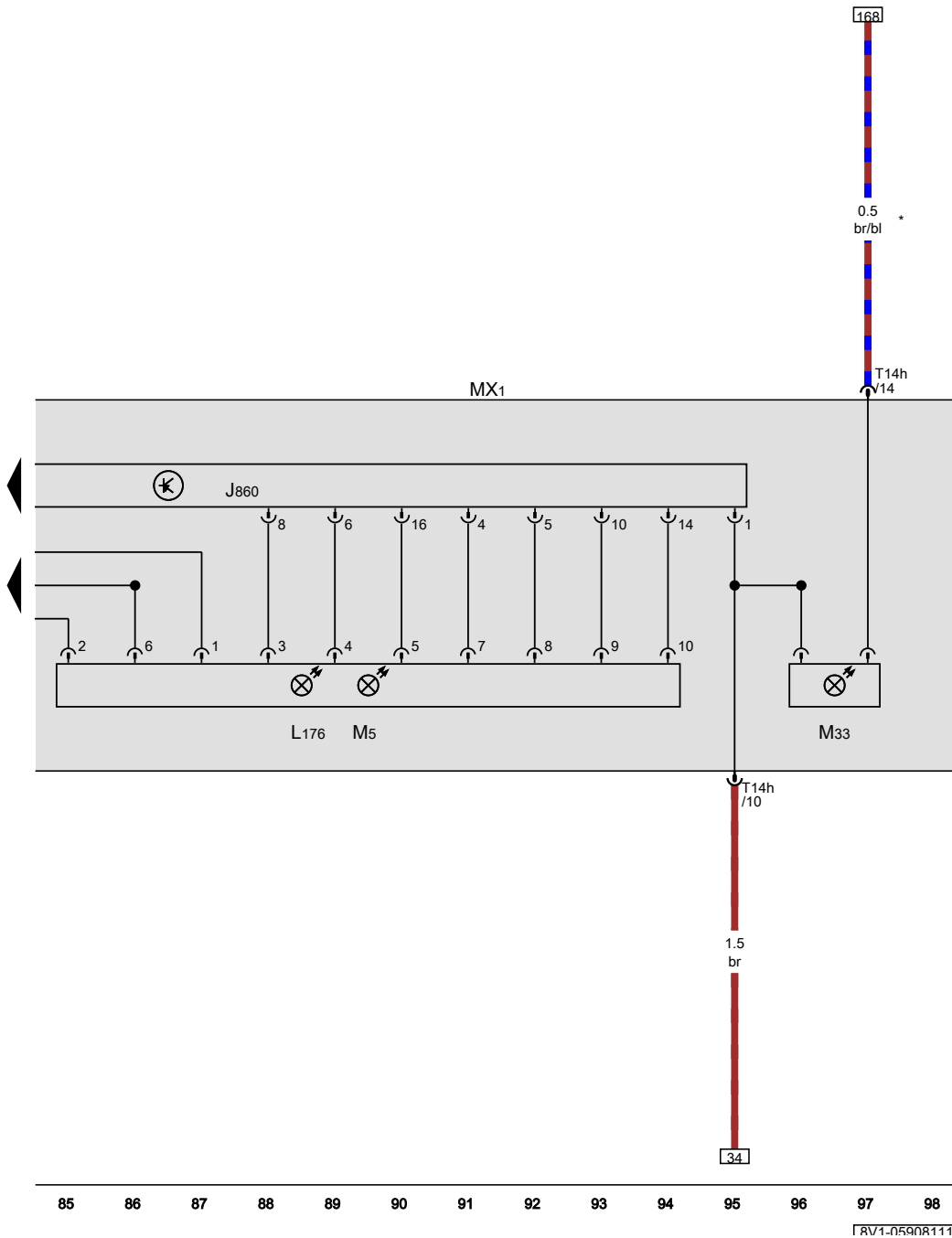
Onboard supply control unit, Output module for left headlight, Control unit for left daytime running light and side light, Left LED module for daytime running light and side light, Front left headlight, Front left turn signal bulb, Left headlight range control motor

- J519 Onboard supply control unit
- J667 Output module for left headlight
- J860 Control unit for left daytime running light and side light
- L176 Left LED module for daytime running light and side light
- MX1 Front left headlight
- M5 Front left turn signal bulb
- T14h 14-pin connector
- T46b 46-pin connector
- T73a 73-pin connector
- T73c 73-pin connector
- V48 Left headlight range control motor
- * From May 2013
- *2 Up to April 2013
- *3 Only models with US equipment

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

Control unit for left daytime running light and side light, Left LED module for daytime running light and side light, Front left headlight, Front left turn signal bulb, Front left side marker bulb

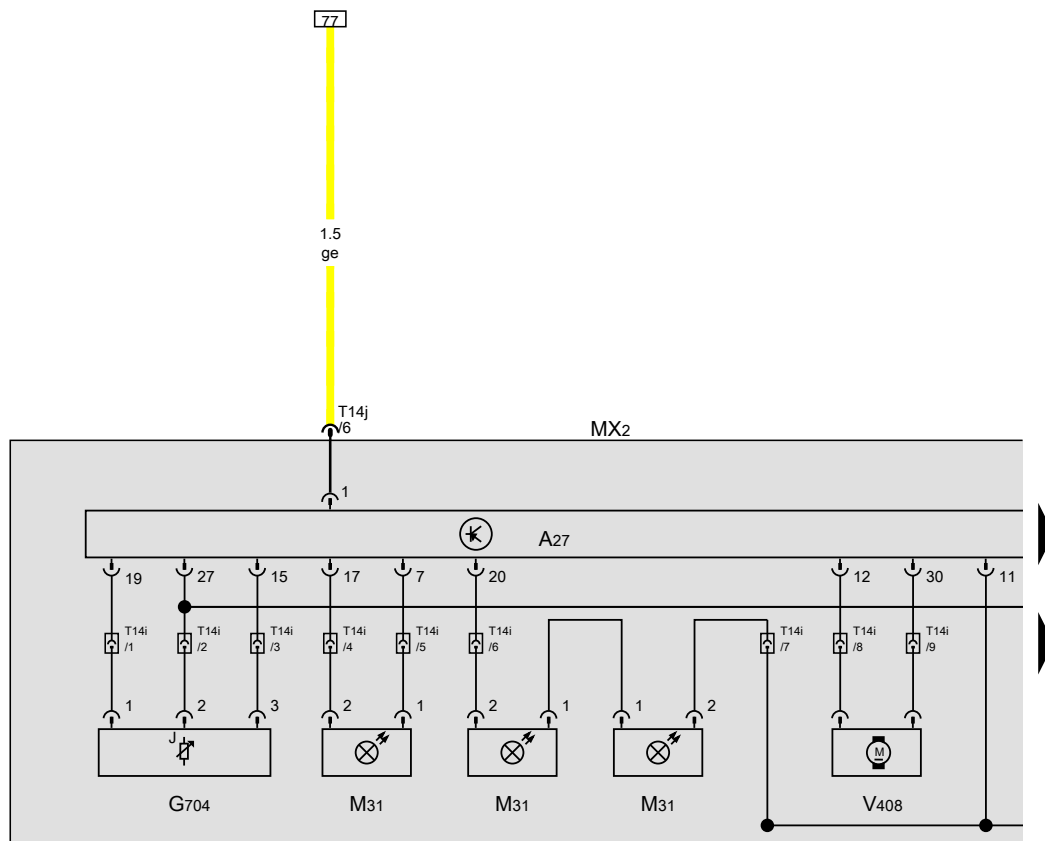
- J860 Control unit for left daytime running light and side light
- L176 Left LED module for daytime running light and side light
- MX1 Front left headlight
- M5 Front left turn signal bulb
- M33 Front left side marker bulb
- T14h 14-pin connector
- * Only models with US equipment



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- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Output module 1 for right LED headlight, Temperature sender 1 for right headlight, Front right headlight, Right headlight dipped beam bulb, Right headlight fan

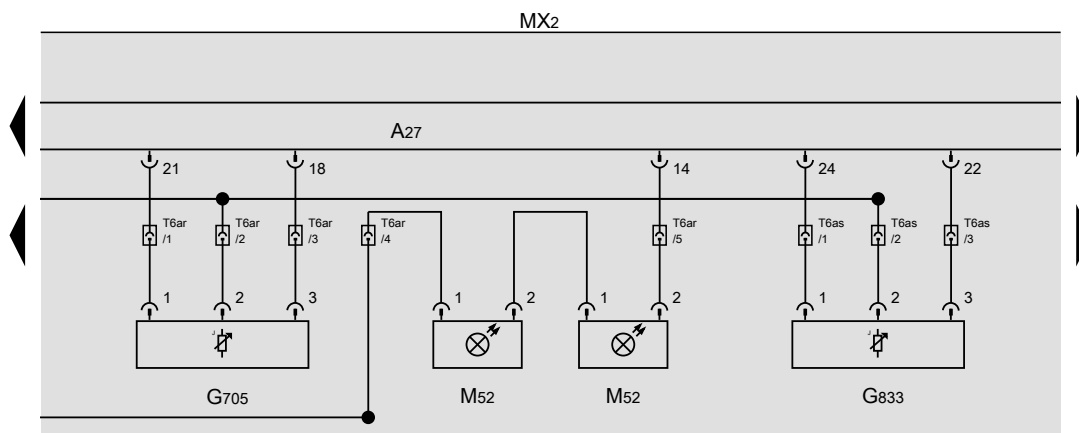
- A27 Output module 1 for right LED headlight
- G704 Temperature sender 1 for right headlight
- MX2 Front right headlight
- M31 Right headlight dipped beam bulb
- T14i 14-pin connector
- T14j 14-pin connector
- V408 Right headlight fan



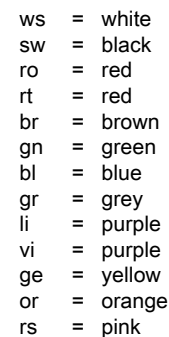
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Output module 1 for right LED headlight, Temperature sender 2 for right headlight, Temperature sender 3 for right headlight, Front right headlight, Right static cornering light

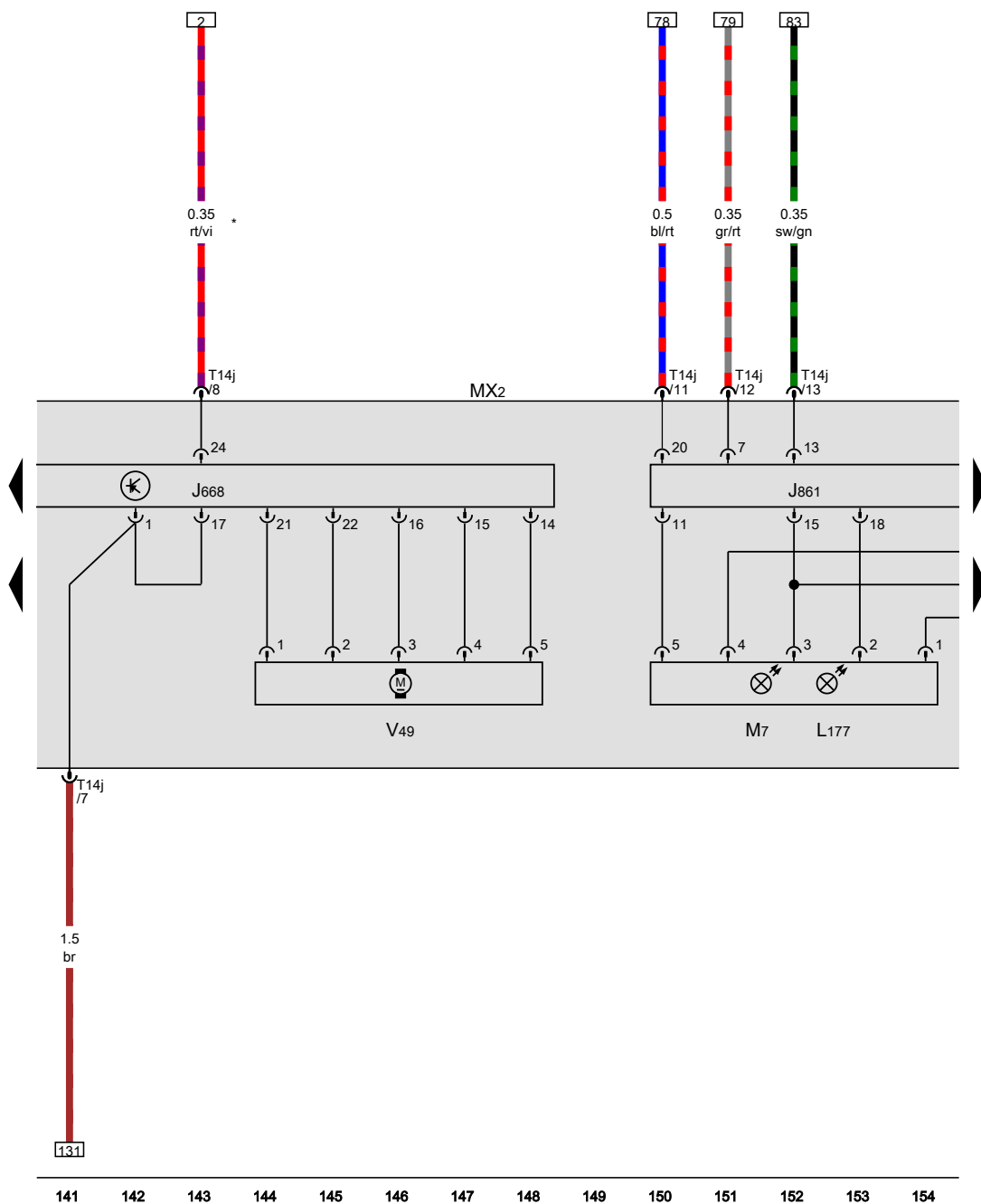
- A27 Output module 1 for right LED headlight
- G705 Temperature sender 2 for right headlight
- G833 Temperature sender 3 for right headlight
- MX2 Front right headlight
- M52 Right static cornering light
- T6ar 6-pin connector
- T6as 6-pin connector



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- bl = blue
- gr = grey
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- rs = pink



685 Earth point 1, on front of right longitudinal member



Output module for right headlight, Control unit for right daytime running light and side light, Right LED module for daytime running light and side light, Front right headlight, Front right turn signal bulb, Right headlight range control motor

- J668 Output module for right headlight
- J861 Control unit for right daytime running light and side light
- L177 Right LED module for daytime running light and side light
- MX2 Front right headlight
- M7 Front right turn signal bulb
- T14j 14-pin connector
- V49 Right headlight range control motor
- * From May 2013

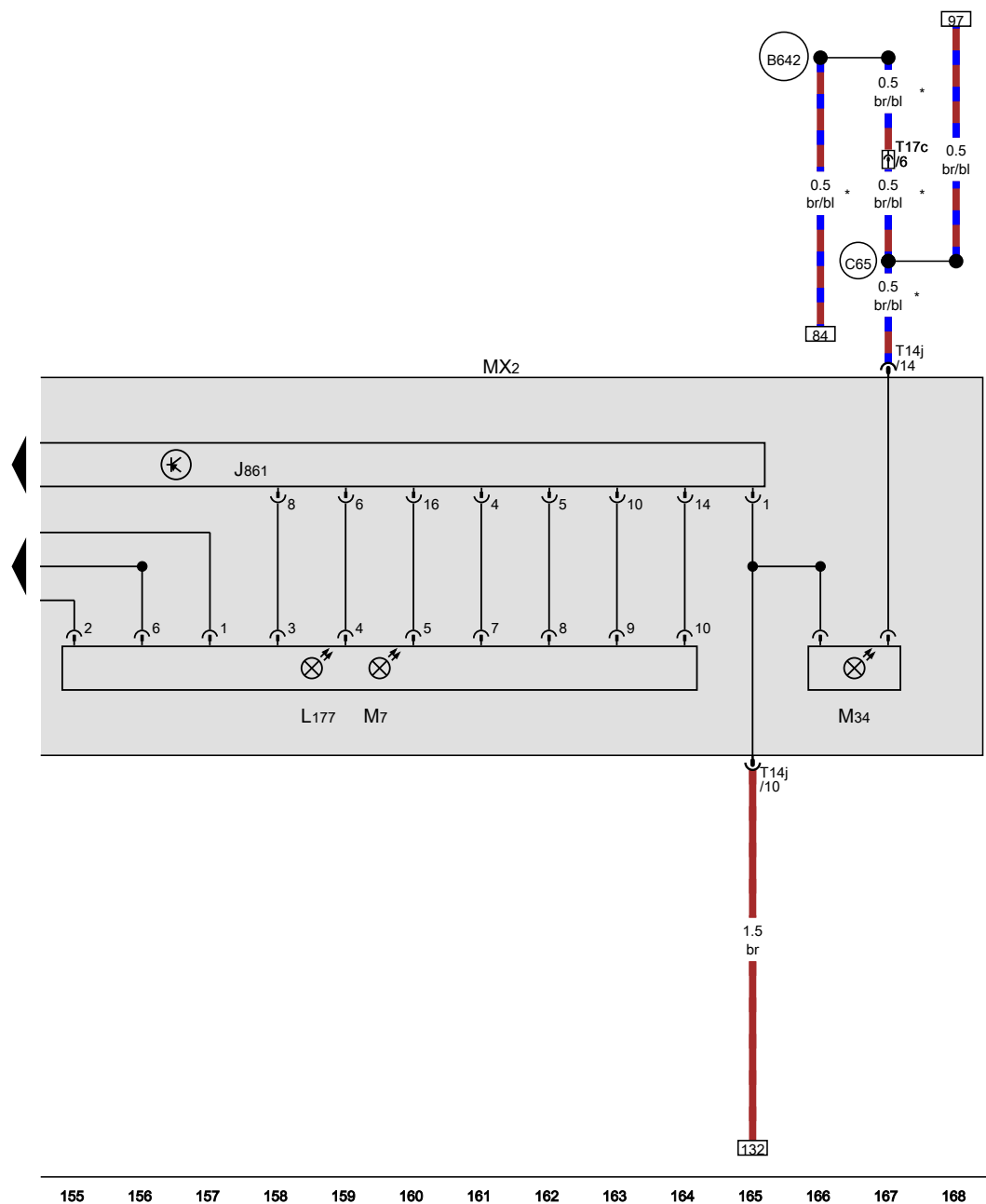
Control unit for right daytime running light and side light,
Right LED module for daytime running light and side light,
Front right headlight, Front right turn signal bulb, Front right
side marker bulb

- J861 Control unit for right daytime running light and side light
- L177 Right LED module for daytime running light and side light
- MX2 Front right headlight
- M7 Front right turn signal bulb
- M34 Front right side marker bulb
- T14j 14-pin connector
- T17c 17-pin connector

B642 Positive connection (58), in main wiring harness

C65 Positive connection 1, in side marker light wiring harness

* Only models with US equipment

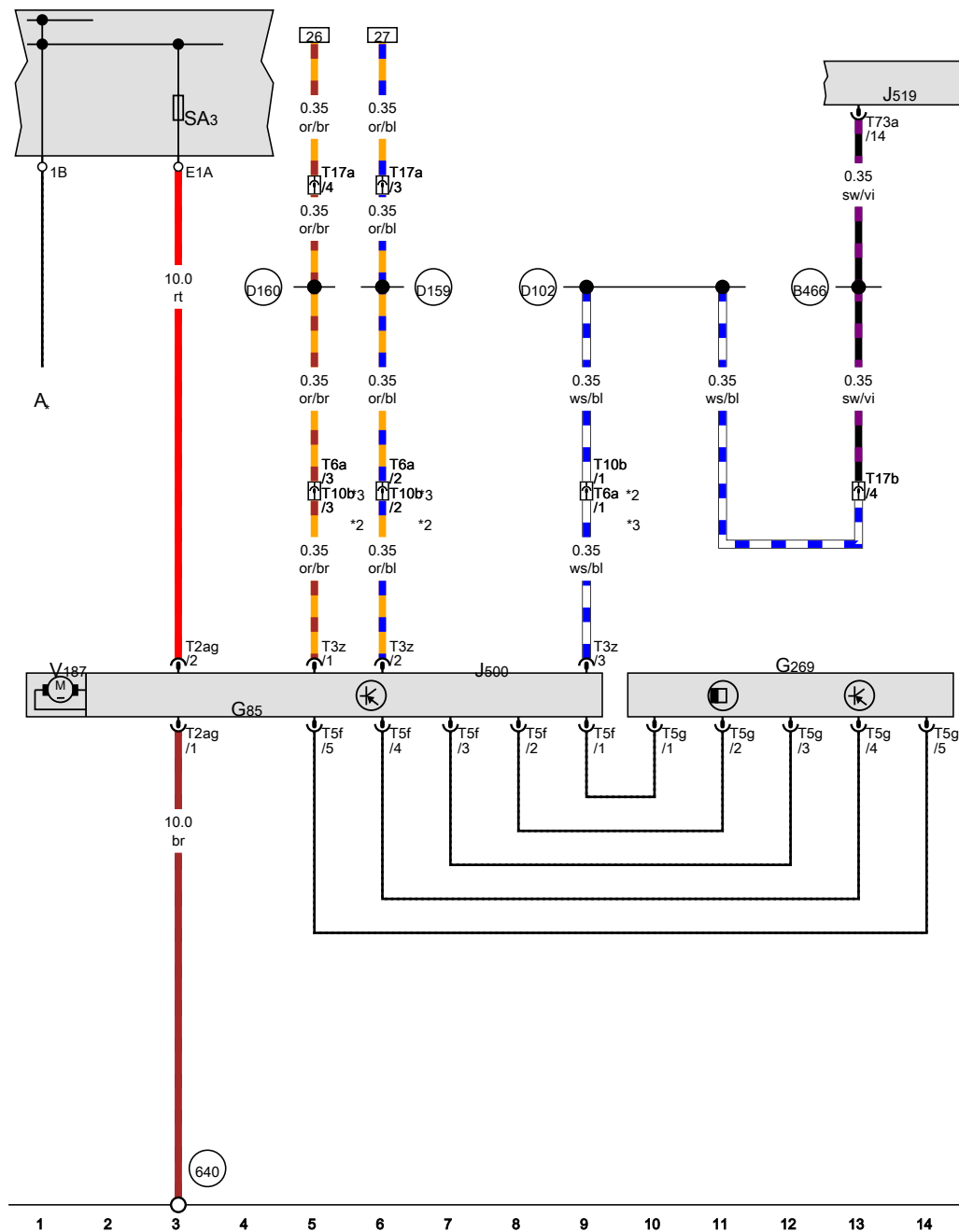


- ws = white
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- ro = red
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- bl = blue
- gr = grey
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- rs = pink

Electromechanical steering, right-hand drive , (L0R)

From March 2012

Steering angle sender, Power steering control unit, Onboard supply control unit, Electromechanical power steering motor

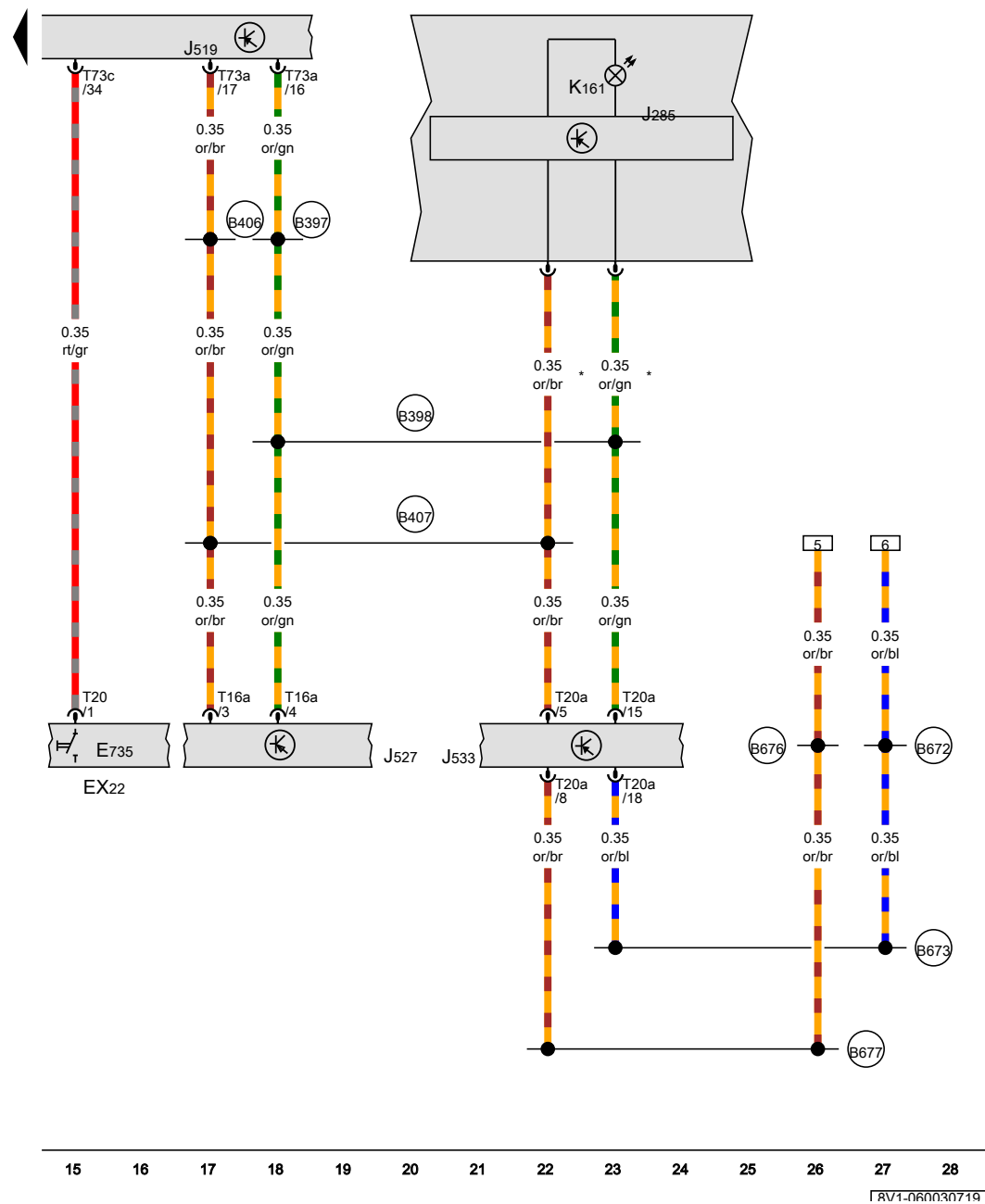


- A Battery
- G85 Steering angle sender
- G269 Steering moment sender
- J500 Power steering control unit
- J519 Onboard supply control unit
- SA3 Fuse 3 on fuse holder A
- T2ag 2-pin connector
- T3z 3-pin connector
- T5f 5-pin connector
- T5g 5-pin connector
- T6a 6-pin connector, near front left longitudinal member
- T10b 10-pin connector, near front left longitudinal member
- T17a 17-pin connector
- T17b 17-pin connector
- T73a 73-pin connector
- V187 Electromechanical power steering motor

- 640 Earth point 2, left in engine compartment
- B466 Connection 2, in main wiring harness
- D102 Connection 2 in engine compartment wiring harness
- D159 Connection (high bus), in engine compartment wiring harness
- D160 Connection (low bus), in engine compartment wiring harness

- * see applicable current flow diagram for battery in engine compartment
- *2 For models with diesel engine
- *3 For models with petrol engine

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



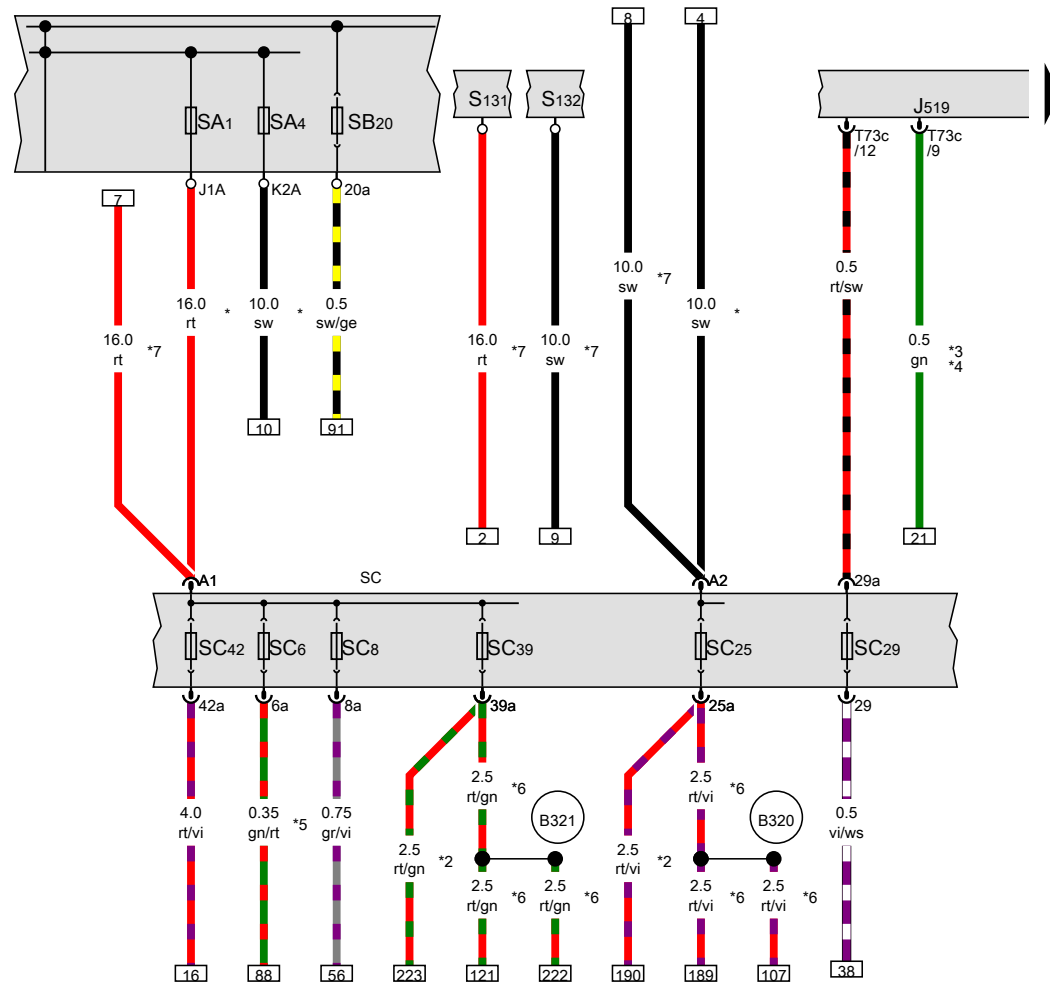
Control unit in dash panel insert, Onboard supply control unit, Steering column electronics control unit, Data bus diagnostic interface, Electromechanical power steering warning lamp

- EX22 Centre switch module in dash panel
- E735 Driving mode selection button
- J285 Control unit in dash panel insert
- J519 Onboard supply control unit
- J527 Steering column electronics control unit
- J533 Data bus diagnostic interface
- K161 Electromechanical power steering warning lamp
- T16a 16-pin connector
- T20 20-pin connector, red
- T20a 20-pin connector
- T73a 73-pin connector
- T73c 73-pin connector
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness
- B672 Connection 1 (running gear/dash panel insert CAN bus, high), in main wiring harness
- B673 Connection 2 (running gear/dash panel insert CAN bus, high), in main wiring harness
- B676 Connection 1 (running gear/dash panel insert CAN bus, low), in main wiring harness
- B677 Connection 2 (running gear/dash panel insert CAN bus, low), in main wiring harness
- * see applicable current flow diagram for dash panel insert

ws = white
 sw = black
 ro = red
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 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

Convenience system, right-hand drive , (L0R)

From March 2012



Fuse holder C

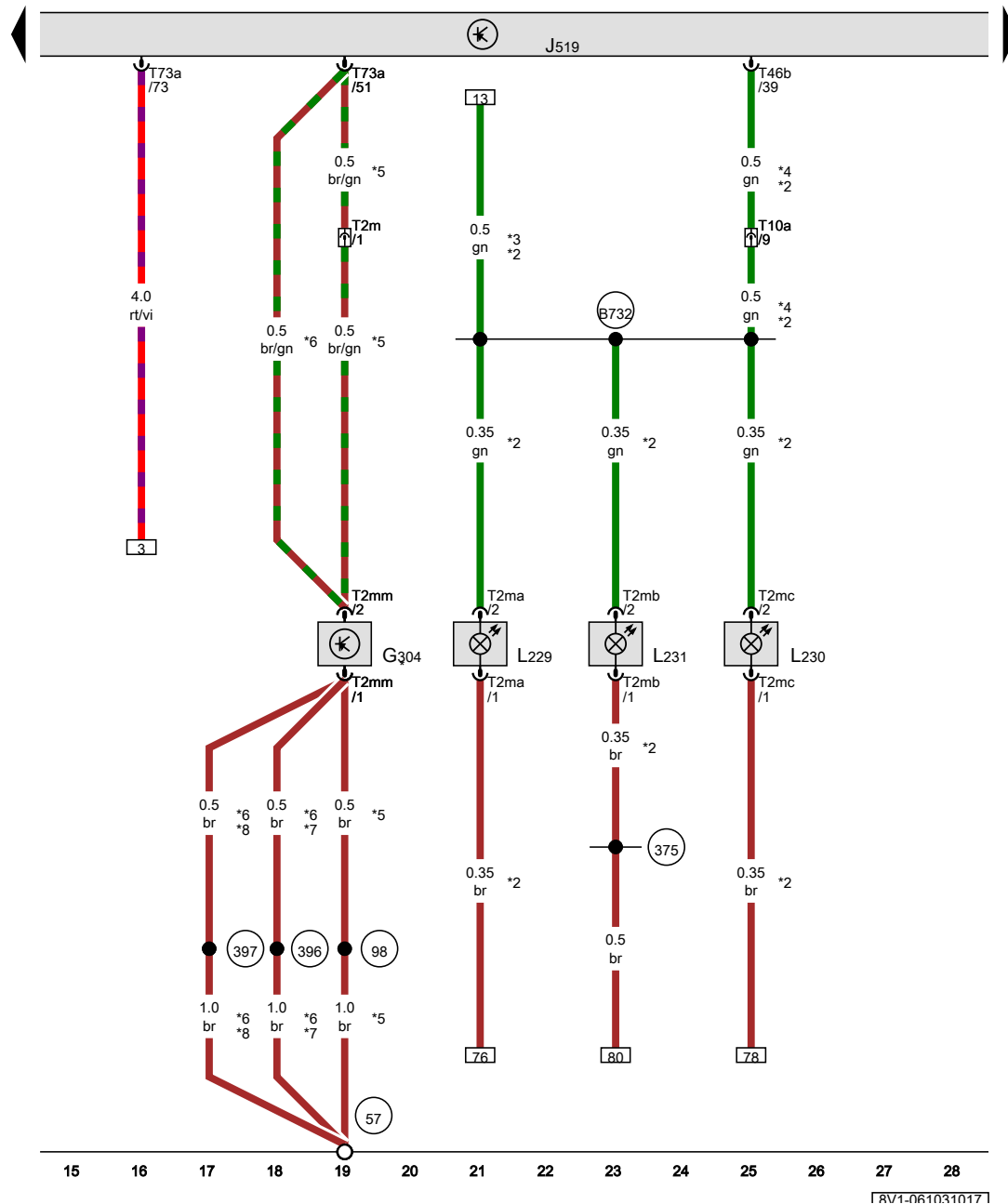
- J519 Onboard supply control unit
- SA1 Fuse 1 on fuse holder A
- SA4 Fuse 4 on fuse holder A
- SB20 Fuse 20 on fuse holder B
- SC Fuse holder C
- SC6 Fuse 6 on fuse holder C
- SC8 Fuse 8 on fuse holder C
- SC25 Fuse 25 on fuse holder C
- SC29 Fuse 29 on fuse holder C
- SC39 Fuse 39 on fuse holder C
- SC42 Fuse 42 on fuse holder C
- S131 Fuse 1
- S132 Fuse 2
- T73c 73-pin connector

B320 Positive connection 6 (30a) in main wiring harness

B321 Positive connection 7 (30a) in main wiring harness

- * Not for RS 3 models
- *2 For models with 3 doors
- *3 For models with no automatic headlight range control
- *4 Up to April 2016
- *5 Up to April 2015
- *6 For models with 5 doors
- *7 For RS 3 models

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



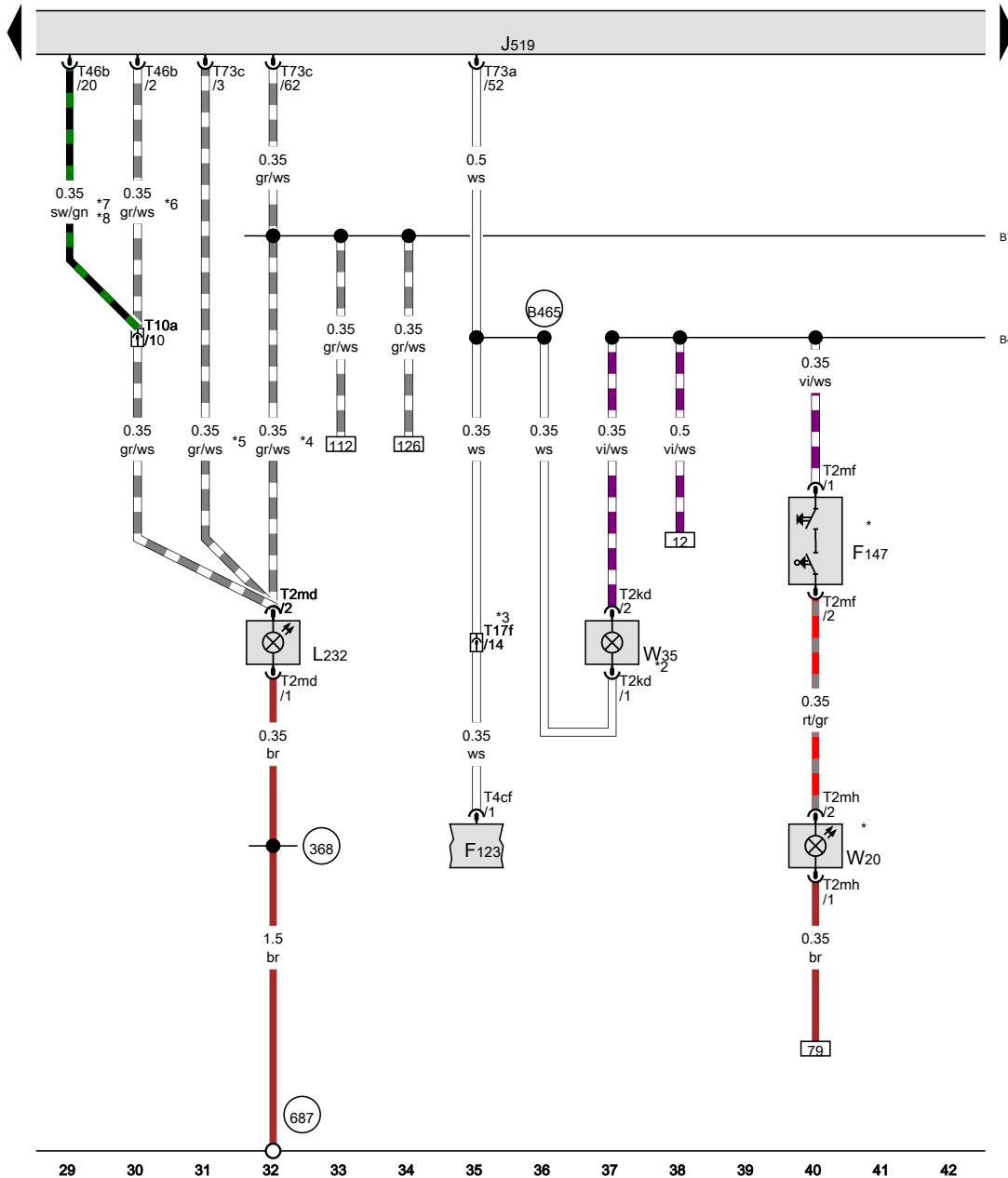
Glass breakage sensor for rear window, Light for left dashboard background lighting, Light for right dashboard background lighting, Light for centre dashboard background lighting

- G304 Glass breakage sensor for rear window
- J519 Onboard supply control unit
- L229 Light for left dashboard background lighting
- L230 Light for right dashboard background lighting
- L231 Light for centre dashboard background lighting
- T2m 2-pin connector
- T2ma 2-pin connector
- T2mb 2-pin connector
- T2mc 2-pin connector
- T2mm 2-pin connector
- T10a 10-pin connector, white
- T46b 46-pin connector
- T73a 73-pin connector

- 57 Earth point, rear left pillar
- 98 Earth connection, in rear lid wiring harness
- 375 Earth connection 10, in main wiring harness
- 396 Earth connection 31, in main wiring harness
- 397 Earth connection 32, in main wiring harness
- B732 Connection 2 (58s), in main wiring harness

- * For models with anti-theft alarm system
- *2 Up to April 2016
- *3 For models with no automatic headlight range control
- *4 For models with automatic headlight range control
- *5 Up to October 2014
- *6 From November 2014
- *7 For models with 3 doors
- *8 For models with 5 doors

- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

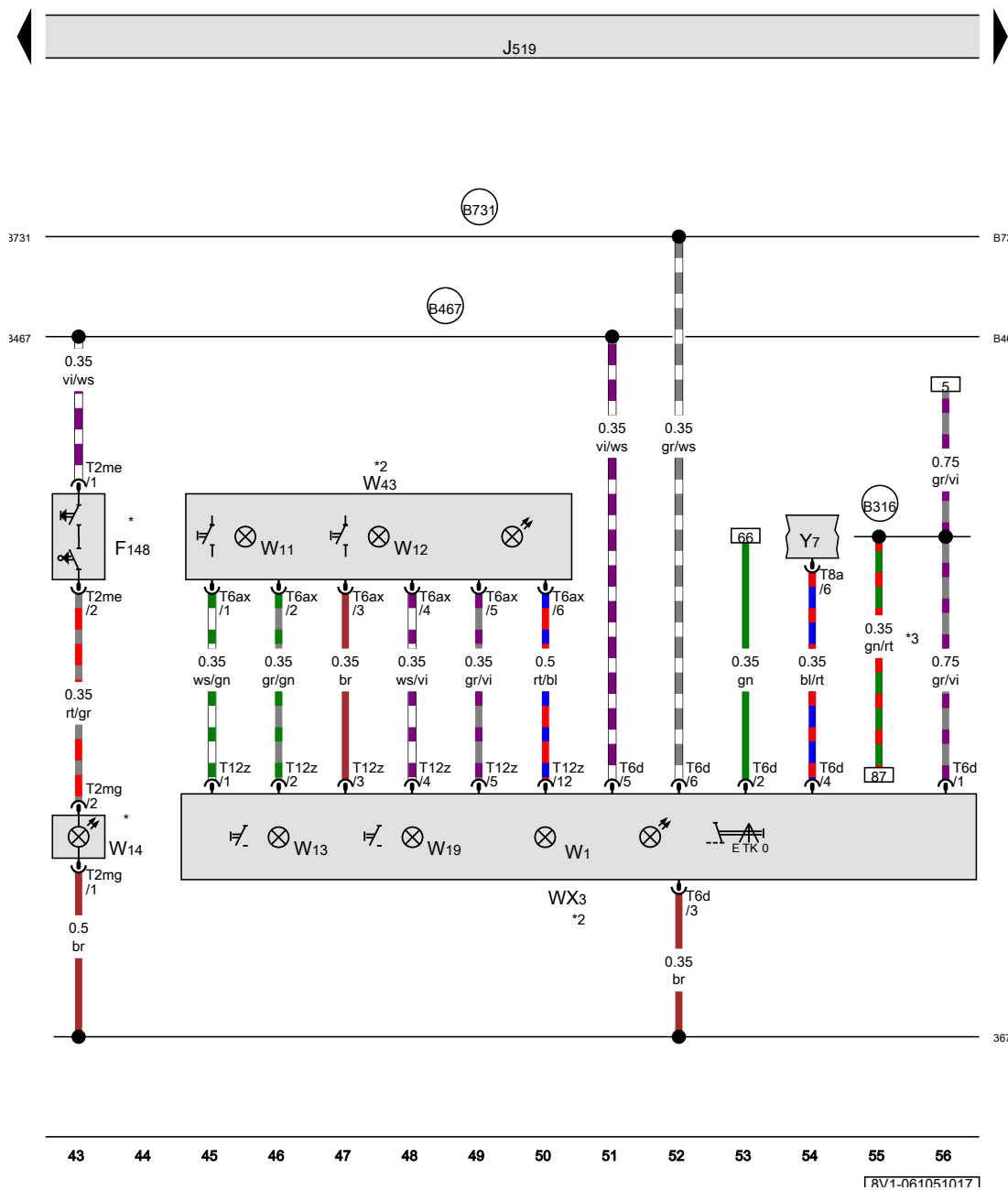
Driver vanity mirror contact switch, Light for cup holder background lighting, Right luggage compartment light

- F123 Rear lid contact switch for anti-theft alarm
- F147 Driver vanity mirror contact switch
- J519 Onboard supply control unit
- L232 Light for cup holder background lighting
- T2kd 2-pin connector
- T2md 2-pin connector
- T2mf 2-pin connector
- T2mh 2-pin connector
- T4cf 4-pin connector
- T10a 10-pin connector, white
- T17f 17-pin connector, black
- T46b 46-pin connector
- T73a 73-pin connector
- T73c 73-pin connector
- W20 Driver side illuminated vanity mirror
- W35 Right luggage compartment light

- 368 Earth connection 3, in main wiring harness
- 687 Earth point 1, on centre tunnel
- B465 Connection 1, in main wiring harness
- B467 Connection 3, in main wiring harness
- B731 Connection 1 (58s), in main wiring harness

- * For models with illuminated vanity mirror
- *2 According to equipment
- *3 Up to October 2014
- *4 For models with additional lights
- *5 For models with halogen headlights
- *6 For models with xenon headlights
- *7 For models with LED headlights
- *8 From May 2016

18V1-061041017



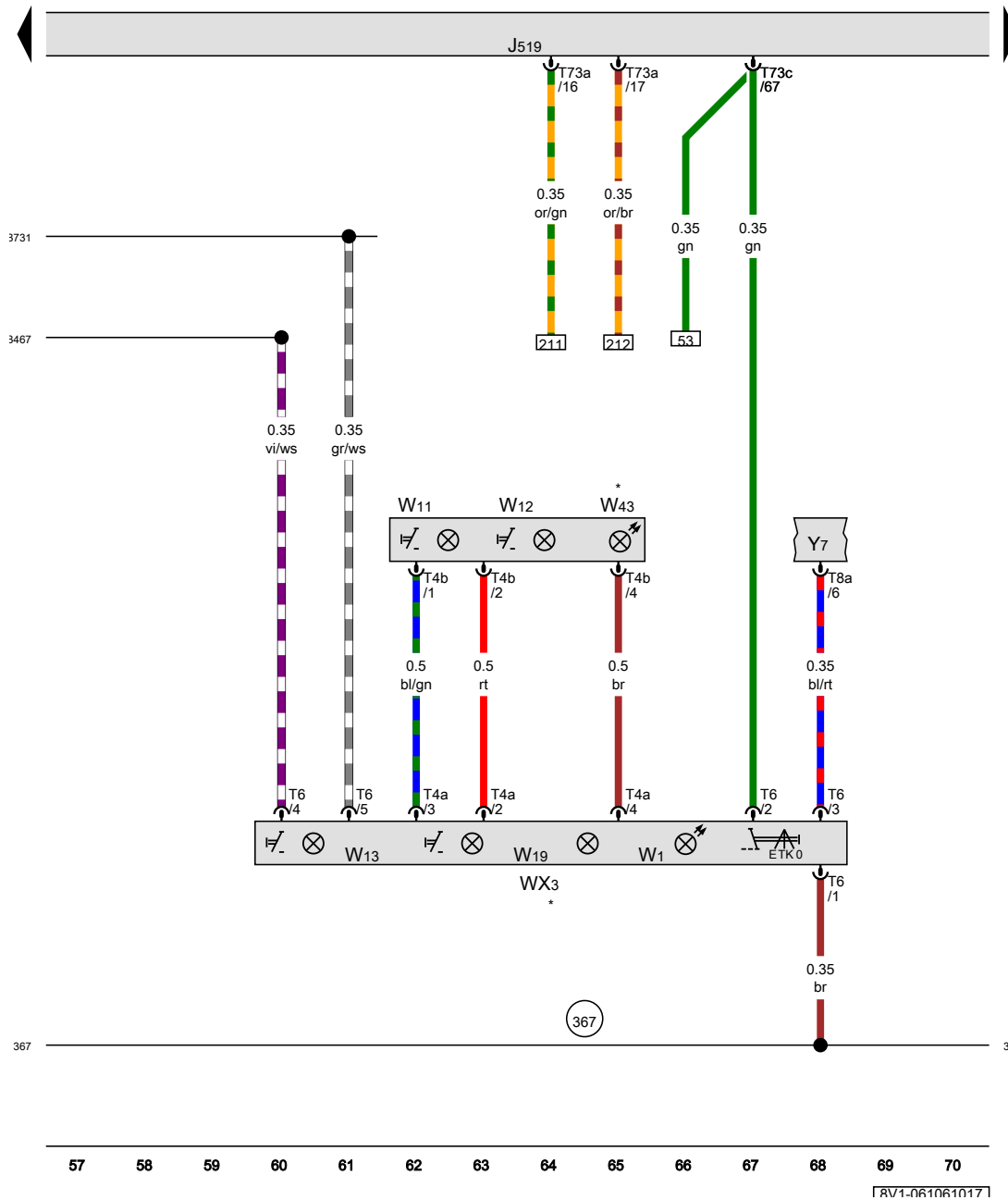
Front roof module, Rear interior light

- F148 Front passenger vanity mirror contact switch
- J519 Onboard supply control unit
- T2me 2-pin connector
- T2mg 2-pin connector
- T6ax 6-pin connector
- T6d 6-pin connector
- T8a 8-pin connector
- T12z 12-pin connector
- W1 Front interior light
- WX3 Front roof module
- W11 Rear left reading light
- W12 Rear right reading light
- W13 Front passenger reading light
- W14 Front passenger side illuminated vanity mirror
- W19 Driver side reading light
- W43 Rear interior light
- Y7 Automatic anti-dazzle interior mirror

- 367 Earth connection 2, in main wiring harness
- B316 Positive connection 2 (30a) in main wiring harness
- B467 Connection 3, in main wiring harness
- B731 Connection 1 (58s), in main wiring harness

- * For models with illuminated vanity mirror
- *2 According to equipment
- *3 From May 2015

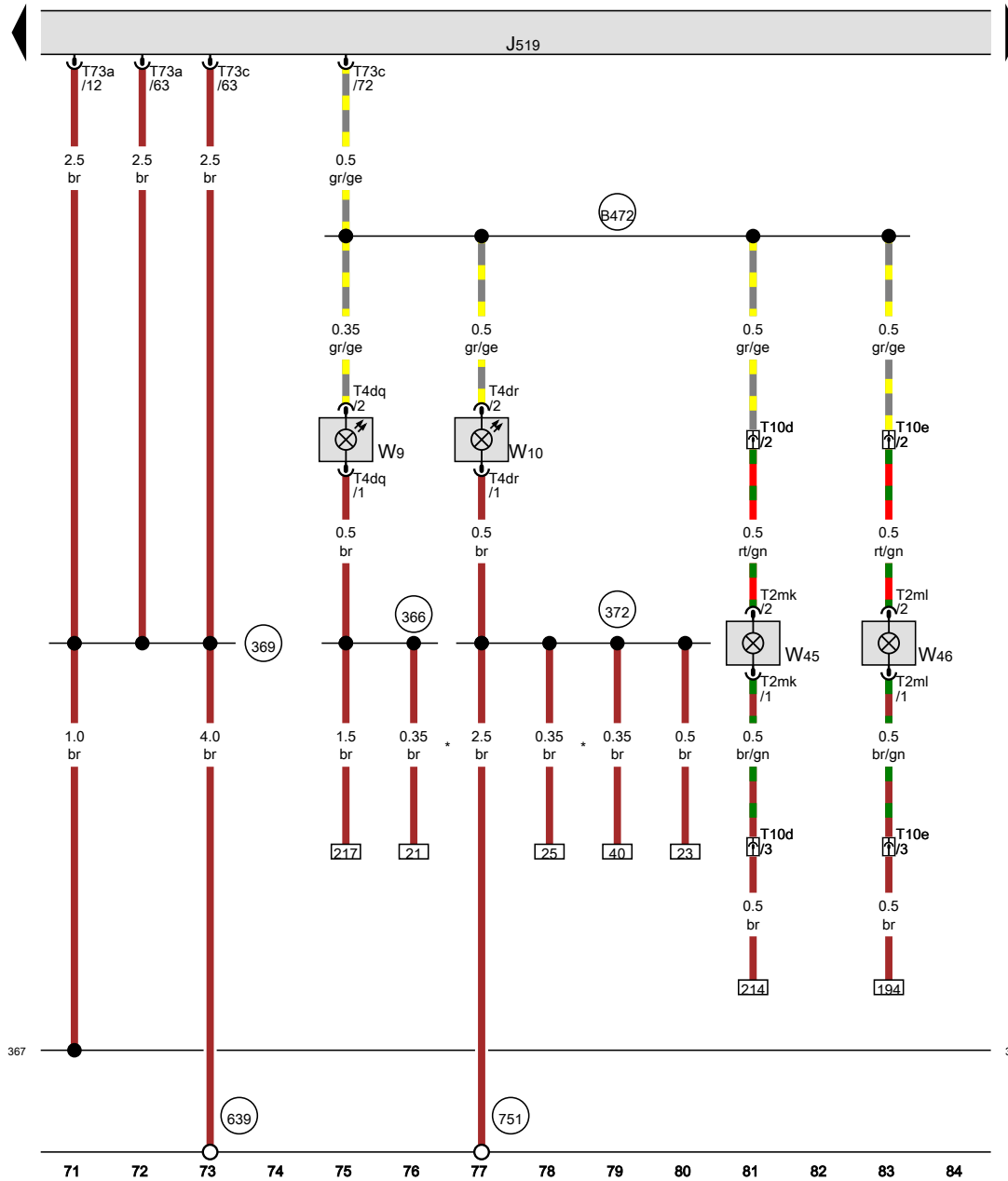
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



Front roof module, Rear interior light

- J519 Onboard supply control unit
- T4a 4-pin connector
- T4b 4-pin connector
- T6 6-pin connector
- T8a 8-pin connector
- T73a 73-pin connector
- T73c 73-pin connector
- W1 Front interior light
- WX3 Front roof module
- W11 Rear left reading light
- W12 Rear right reading light
- W13 Front passenger reading light
- W19 Driver side reading light
- W43 Rear interior light
- Y7 Automatic anti-dazzle interior mirror
- 367 Earth connection 2, in main wiring harness
- B467 Connection 3, in main wiring harness
- B731 Connection 1 (58s), in main wiring harness
- * According to equipment

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



Left footwell light, Right footwell light, Rear left footwell light, Rear right footwell light

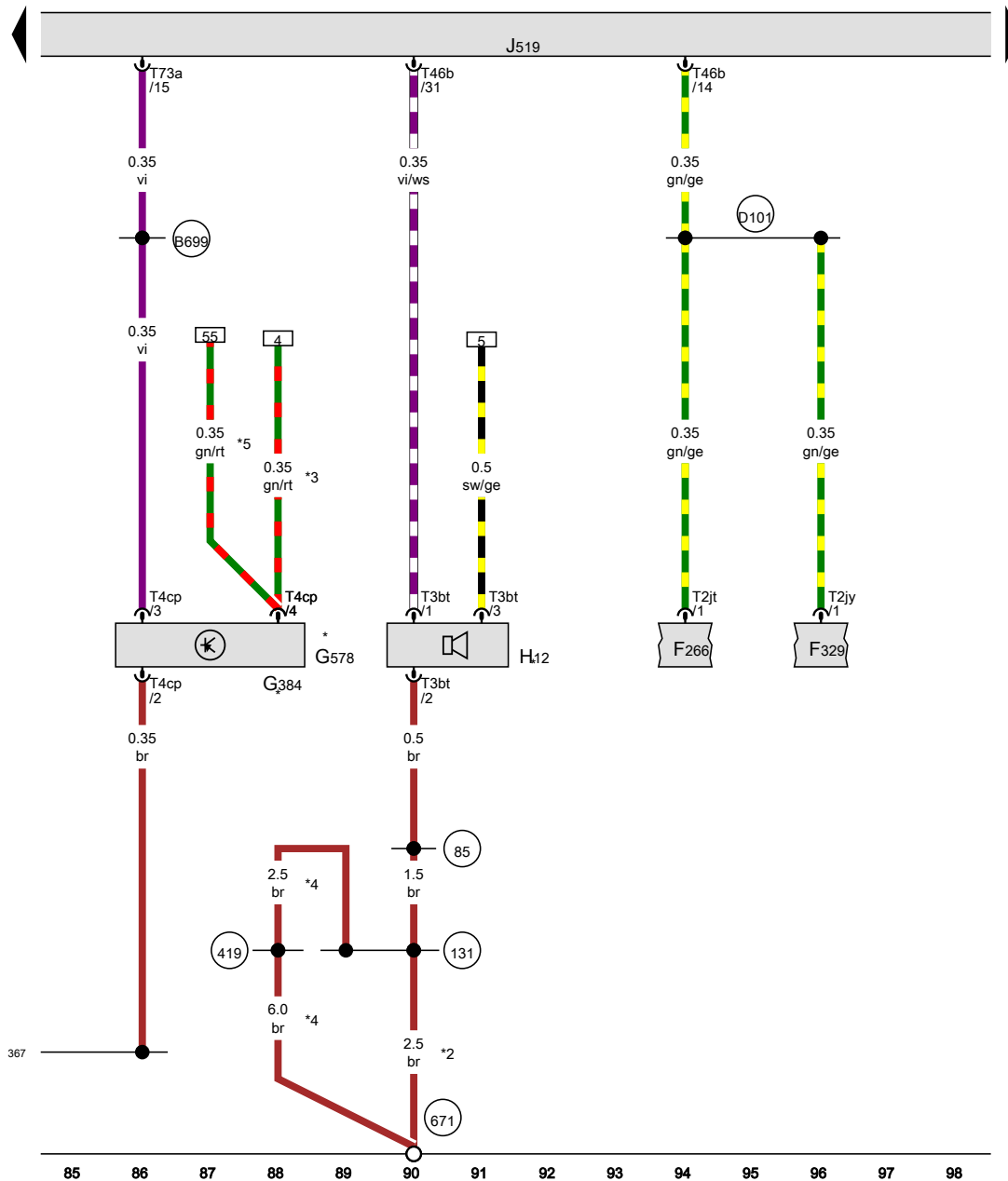
- J519 Onboard supply control unit
- T2mk 2-pin connector
- T2ml 2-pin connector
- T4dq 4-pin connector
- T4dr 4-pin connector
- T10d 10-pin connector, in coupling point for front seat, left, red
- T10e 10-pin connector, in coupling point for front seat, right, red
- T73a 73-pin connector
- T73c 73-pin connector
- W9 Left footwell light
- W10 Right footwell light
- W45 Rear left footwell light
- W46 Rear right footwell light

- 366 Earth connection 1, in main wiring harness
- 367 Earth connection 2, in main wiring harness
- 369 Earth connection 4, in main wiring harness
- 372 Earth connection 7, in main wiring harness
- 639 Earth point, left A-pillar
- 751 Earth point 2, on right A-pillar
- B472 Connection 8, in main wiring harness

* Up to April 2016

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

[RV1-061071017]



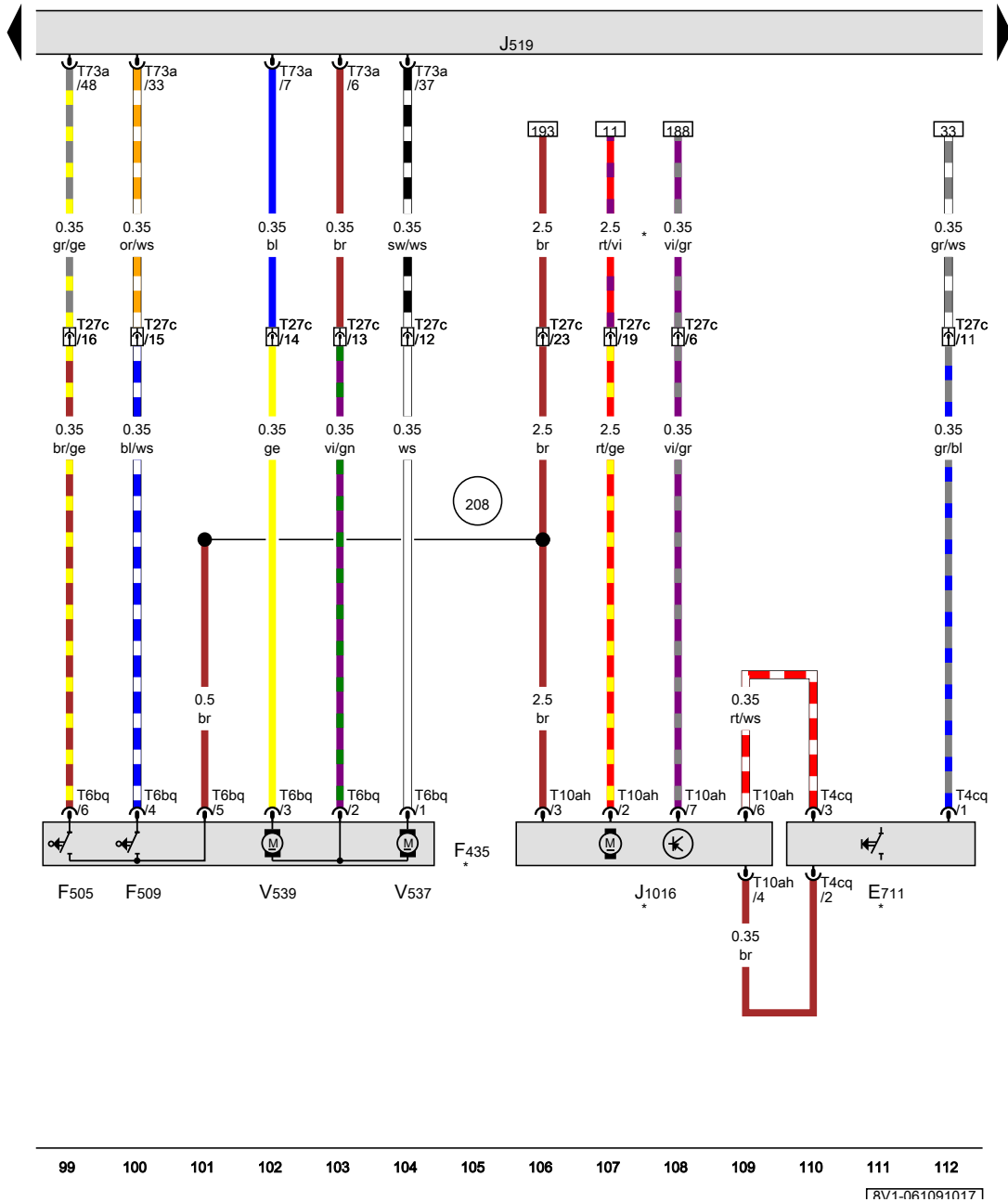
Anti-theft alarm sensor, Alarm horn

- F266 Bonnet contact switch
- F329 Bonnet contact switch 2
- G578 Vehicle inclination sender
- H12 Alarm horn
- J519 Onboard supply control unit
- T2jt 2-pin connector
- T2jy 2-pin connector
- T3bt 3-pin connector
- T4cp 4-pin connector
- T46b 46-pin connector
- T73a 73-pin connector

- 85 Earth connection 1, in engine compartment wiring harness
- 131 Earth connection 2, in engine compartment wiring harness
- 367 Earth connection 2, in main wiring harness
- 419 Earth connection 11, in engine compartment wiring harness
- 671 Earth point 1, on front of left longitudinal member
- B699 Connection 4 (LIN bus) in main wiring harness
- D101 Connection 1 in engine compartment wiring harness

- * For models with anti-theft alarm system
- *2 Gradually discontinued
- *3 Up to April 2015
- *4 gradual introduction
- *5 From May 2015

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



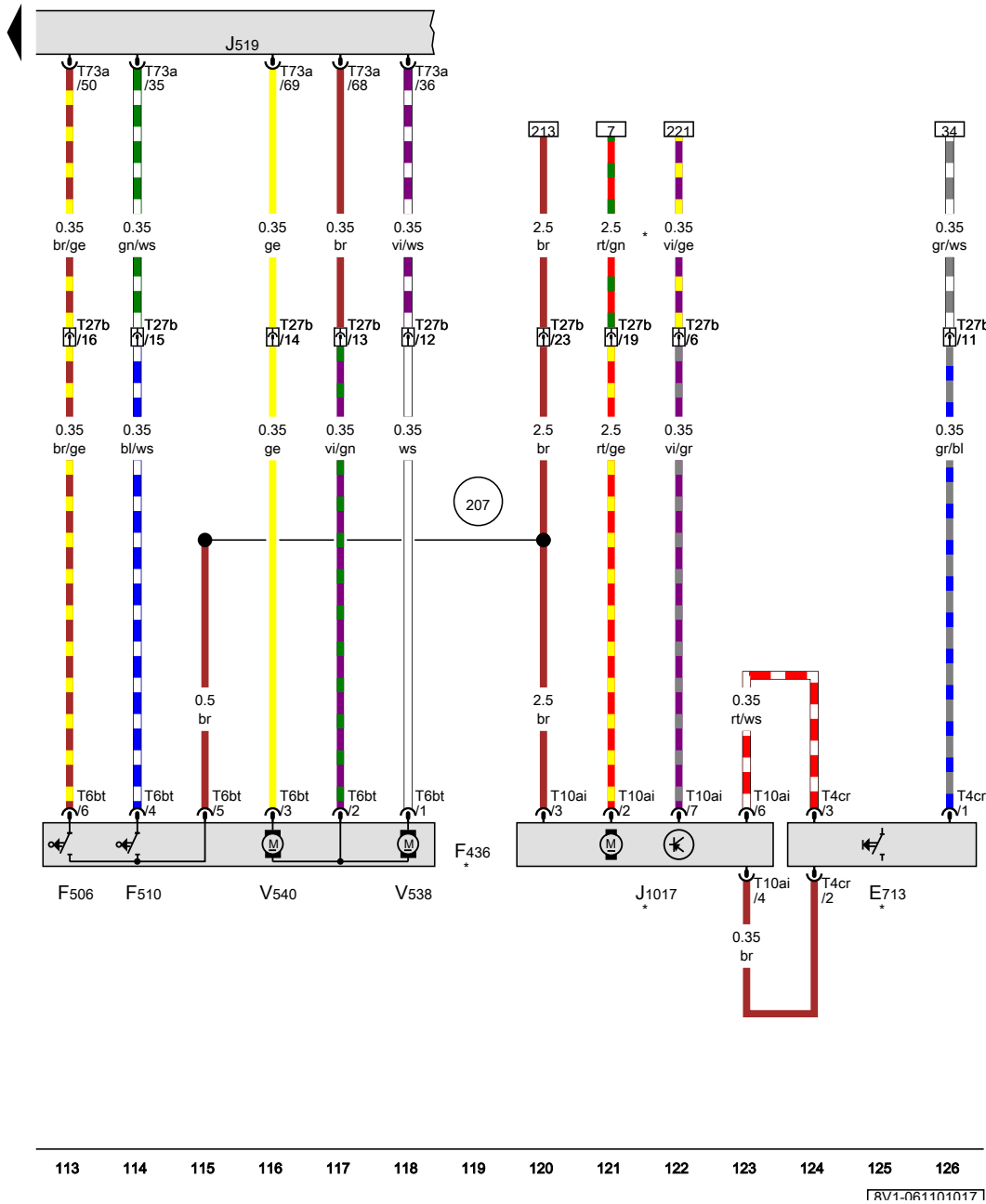
Rear driver side central locking lock unit, Rear door contact switch, driver side, Rear central locking actuator, driver side, Rear central locking SAFELOCK function motor, driver side, Rear central locking motor, driver side

- E711 Rear driver side window regulator button
- F435 Rear driver side central locking lock unit
- F505 Rear door contact switch, driver side
- F509 Rear central locking actuator, driver side
- J519 Onboard supply control unit
- J1016 Control unit with rear driver side window regulator motor
- T4cq 4-pin connector
- T6bq 6-pin connector
- T10ah 10-pin connector
- T27c 27-pin connector, on right B-pillar, black
- T73a 73-pin connector
- V537 Rear central locking SAFELOCK function motor, driver side
- V539 Rear central locking motor, driver side

208 Earth connection, in rear right door wiring harness

* For models with 5 doors

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



Rear passenger side central locking lock unit, Rear door contact switch, passenger side, Rear central locking actuator, passenger side, Rear central locking SAFELOCK function motor, passenger side, Rear central locking motor, passenger side

- E713 Rear passenger side window regulator button
- F436 Rear passenger side central locking lock unit
- F506 Rear door contact switch, passenger side
- F510 Rear central locking actuator, passenger side
- J519 Onboard supply control unit
- J1017 Control unit with rear passenger side window regulator motor
- T4cr 4-pin connector
- T6bt 6-pin connector
- T10ai 10-pin connector
- T27b 27-pin connector, on left B-pillar, black
- T73a 73-pin connector
- V538 Rear central locking SAFELOCK function motor, passenger side
- V540 Rear central locking motor, passenger side

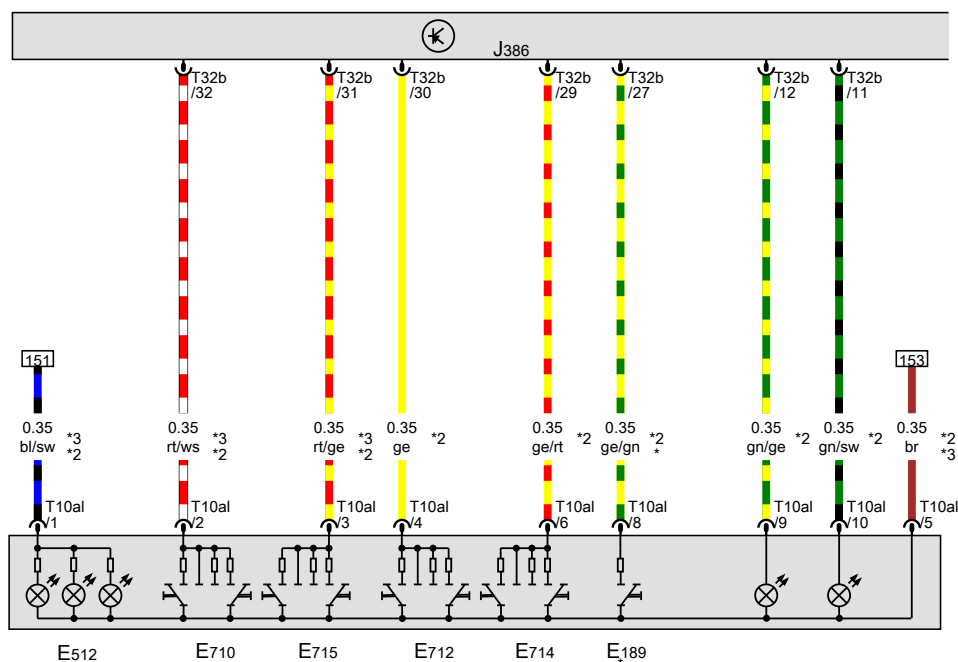
207 Earth connection, in rear left door wiring harness

* For models with 5 doors

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 gr = grey
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 rs = pink

Central switch for window regulators in driver door,
Operating unit for window regulator in driver door, Front
driver side window regulator button, Rear driver side window
regulator button, in driver door, Rear passenger side
window regulator button, in driver door, Front passenger
side window regulator button, in driver door, Driver door
control unit

- E189 Central switch for window regulators in driver door
- E512 Operating unit for window regulator in driver door
- E710 Front driver side window regulator button
- E712 Rear driver side window regulator button, in driver door
- E714 Rear passenger side window regulator button, in driver door
- E715 Front passenger side window regulator button, in driver door
- J386 Driver door control unit
- T10al 10-pin connector
- T32b 32-pin connector
- * If fitted
- *2 For models with 5 doors
- *3 For models with 3 doors



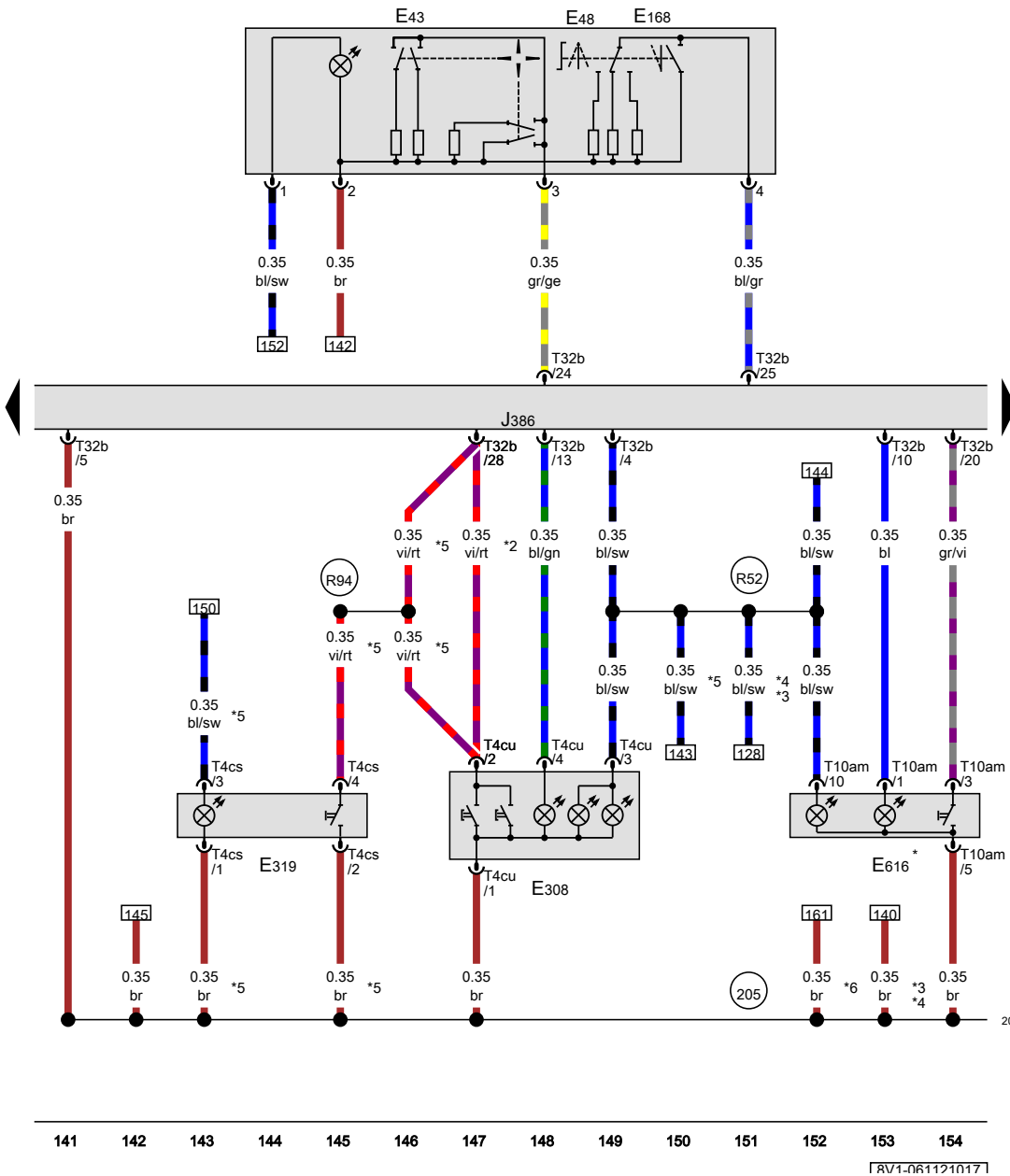
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gr = grey
li = purple
vi = purple
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or = orange
rs = pink

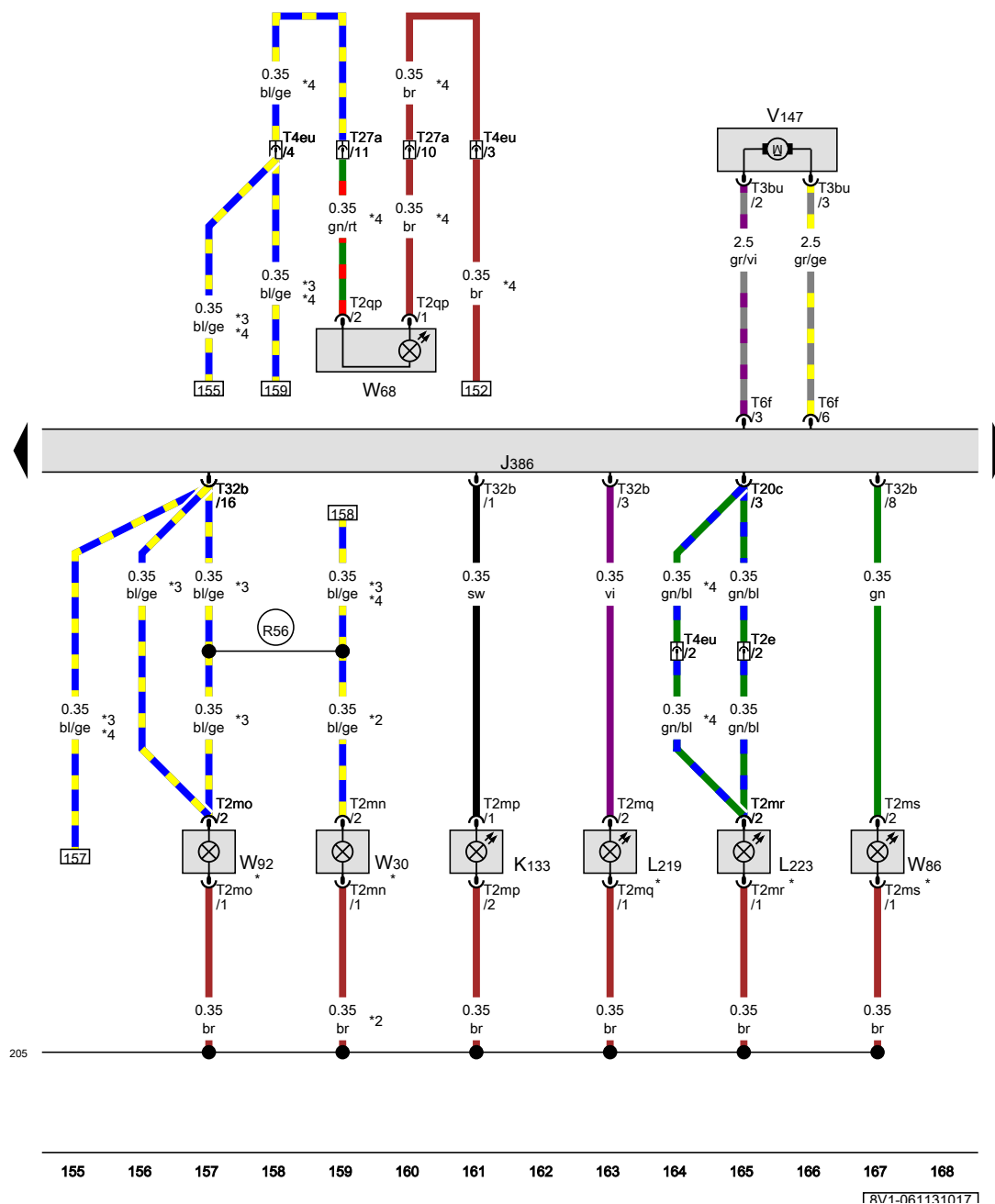
Mirror adjustment switch, Mirror adjustment changeover switch, Adjustment switch for mirror with fold-in feature, Driver side interior locking button for central locking system, Fuel tank flap release button, Button for deactivating interior monitoring and vehicle inclination sensor, Driver door control unit

- E43 Mirror adjustment switch
- E48 Mirror adjustment changeover switch
- E168 Adjustment switch for mirror with fold-in feature
- E308 Driver side interior locking button for central locking system
- E319 Fuel tank flap release button
- E616 Button for deactivating interior monitoring and vehicle inclination sensor
- J386 Driver door control unit
- T4cs 4-pin connector
- T4cu 4-pin connector
- T10am 10-pin connector
- T32b 32-pin connector

- 205 Earth connection, in driver door wiring harness
- R52 Connection (58s), in driver side door wiring harness
- R94 Connection 1 in driver side door wiring harness
- * For models with interior monitoring
- *2 For models with no hybrid drive system
- *3 For models with 5 doors
- *4 For models with 3 doors
- *5 For models with hybrid drive system
- *6 For models with background lighting in sill panel mouldings

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
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vi = purple
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Driver door control unit, Central locking SAFELOCK function warning lamp, Light for driver side interior door handle illumination, Light for driver side door loudspeaker trim, Driver side window regulator motor, Driver side door warning lamp, Light conductor for front right sill panel moulding background lighting, Light for driver door background lighting, Driver side entry light

- J386 Driver door control unit
- K133 Central locking SAFELOCK function warning lamp
- L219 Light for driver side interior door handle illumination
- L223 Light for driver side door loudspeaker trim
- T2e 2-pin connector
- T2mn 2-pin connector
- T2mo 2-pin connector
- T2mp 2-pin connector
- T2mq 2-pin connector
- T2mr 2-pin connector
- T2ms 2-pin connector
- T2qp 2-pin connector
- T3bu 3-pin connector
- T4eu 4-pin connector
- T6f 6-pin connector
- T20c 20-pin connector
- T27a 27-pin connector
- T32b 32-pin connector
- V147 Driver side window regulator motor
- W30 Driver side door warning lamp
- W68 Light conductor for front right sill panel moulding background lighting
- W86 Light for driver door background lighting
- W92 Driver side entry light

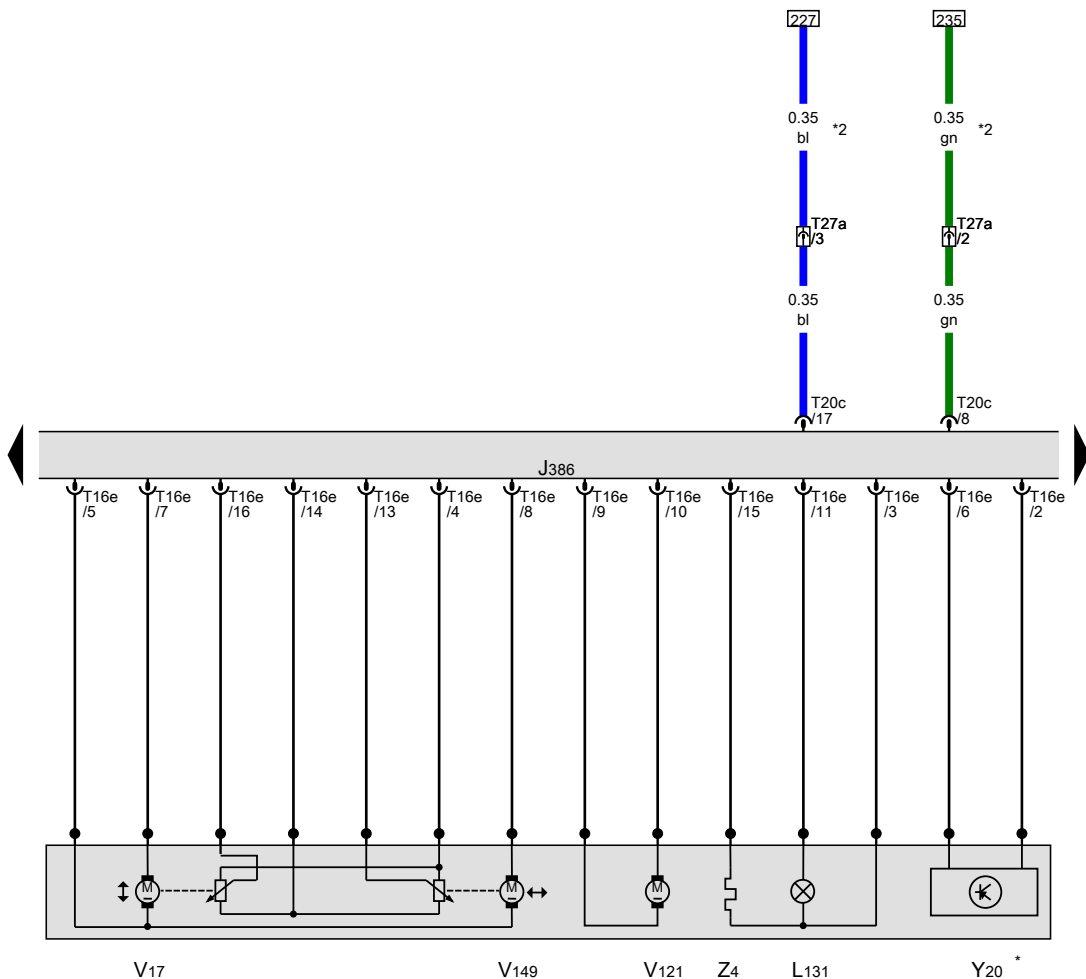
- 205 Earth connection, in driver door wiring harness
- R56 Connection (entry light), in driver door wiring harness

- * For models with additional lights
- *2 Up to April 2017
- *3 According to equipment
- *4 For models with background lighting in sill panel mouldings

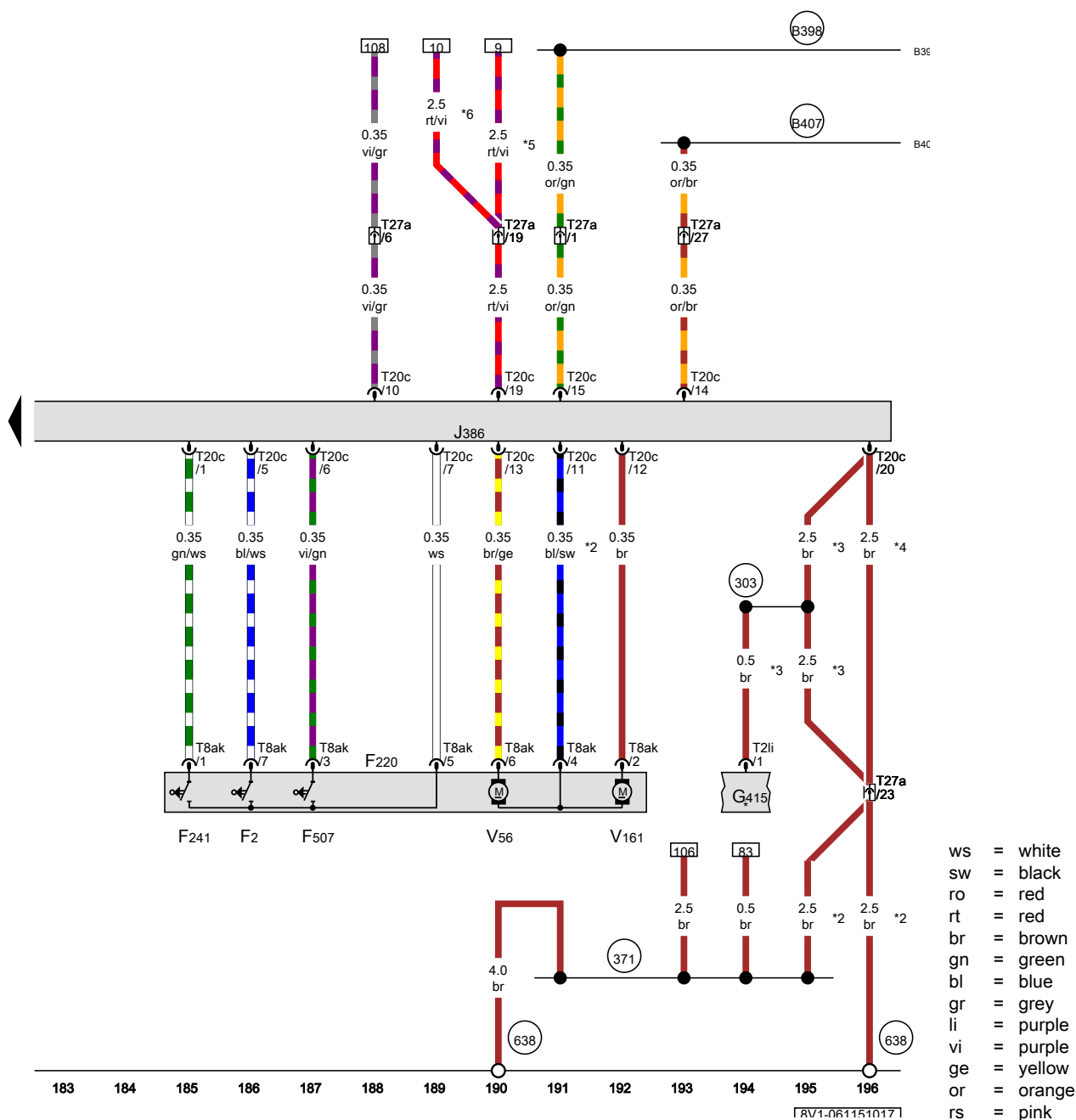
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 or = orange
 rs = pink

Driver door control unit, Driver side turn signal repeater bulb, Driver side mirror adjustment motor 2, Driver side fold-in mirror motor, Driver side mirror adjustment motor, Automatic anti-dazzle exterior mirror, driver side, Heated exterior mirror on driver side

- J386 Driver door control unit
- L131 Driver side turn signal repeater bulb
- T16e 16-pin connector
- T20c 20-pin connector
- T27a 27-pin connector, on right A-pillar, black
- V17 Driver side mirror adjustment motor 2
- V121 Driver side fold-in mirror motor
- V149 Driver side mirror adjustment motor
- Y20 Automatic anti-dazzle exterior mirror, driver side
- Z4 Heated exterior mirror on driver side
- * For models with automatic anti-dazzle exterior mirror
- *2 For models with automatic anti-dazzle interior mirror



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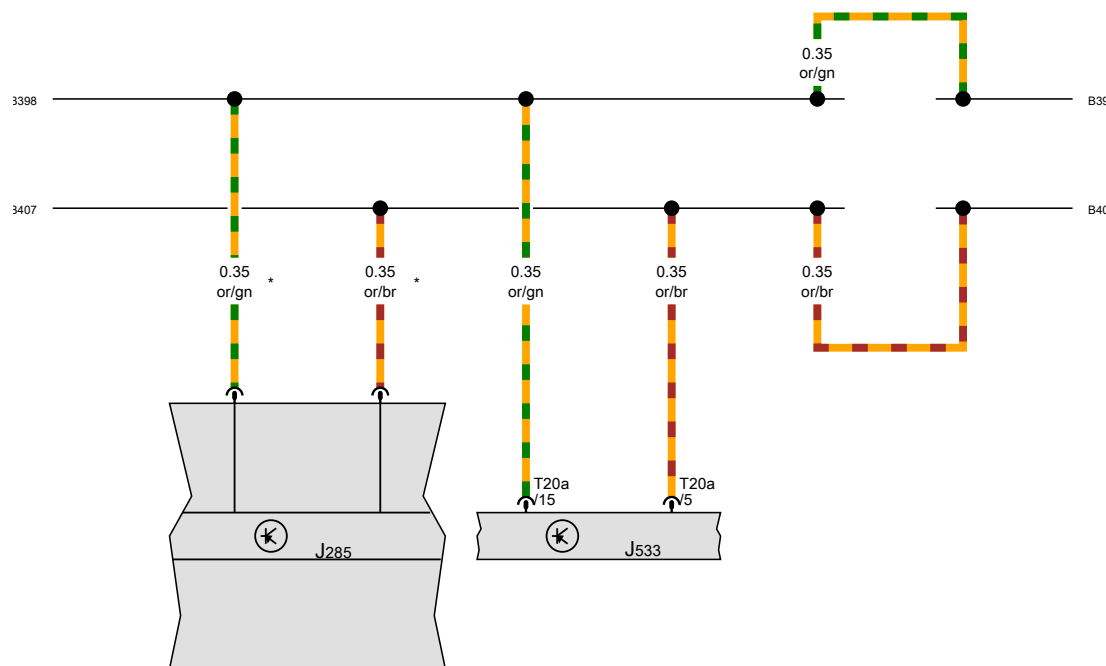


Driver door contact switch, Driver side central locking lock unit, Driver side contact switch in lock cylinder, Driver side central locking actuator, Driver door control unit, Driver door central locking motor, Driver door central locking SAFELOCK function motor

- F2 Driver door contact switch
- F220 Driver side central locking lock unit
- F241 Driver side contact switch in lock cylinder
- F507 Driver side central locking actuator
- G415 Driver exterior door handle contact sensor
- J386 Driver door control unit
- T2li 2-pin connector
- T8ak 8-pin connector
- T20c 20-pin connector
- T27a 27-pin connector, on right A-pillar, black
- V56 Driver door central locking motor
- V161 Driver door central locking SAFELOCK function motor

- 303 Earth connection 3, in drive side door wiring harness
- 371 Earth connection 6, in main wiring harness
- 638 Earth point, on right A-pillar
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness

- * see applicable current flow diagram
- *2 According to equipment
- *3 For models with entry and start authorisation
- *4 For models with no entry and start authorisation
- *5 For models with 3 doors
- *6 For models with 5 doors



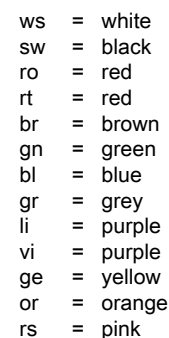
Control unit in dash panel insert, Data bus diagnostic interface

J285 Control unit in dash panel insert
J533 Data bus diagnostic interface
T20a 20-pin connector

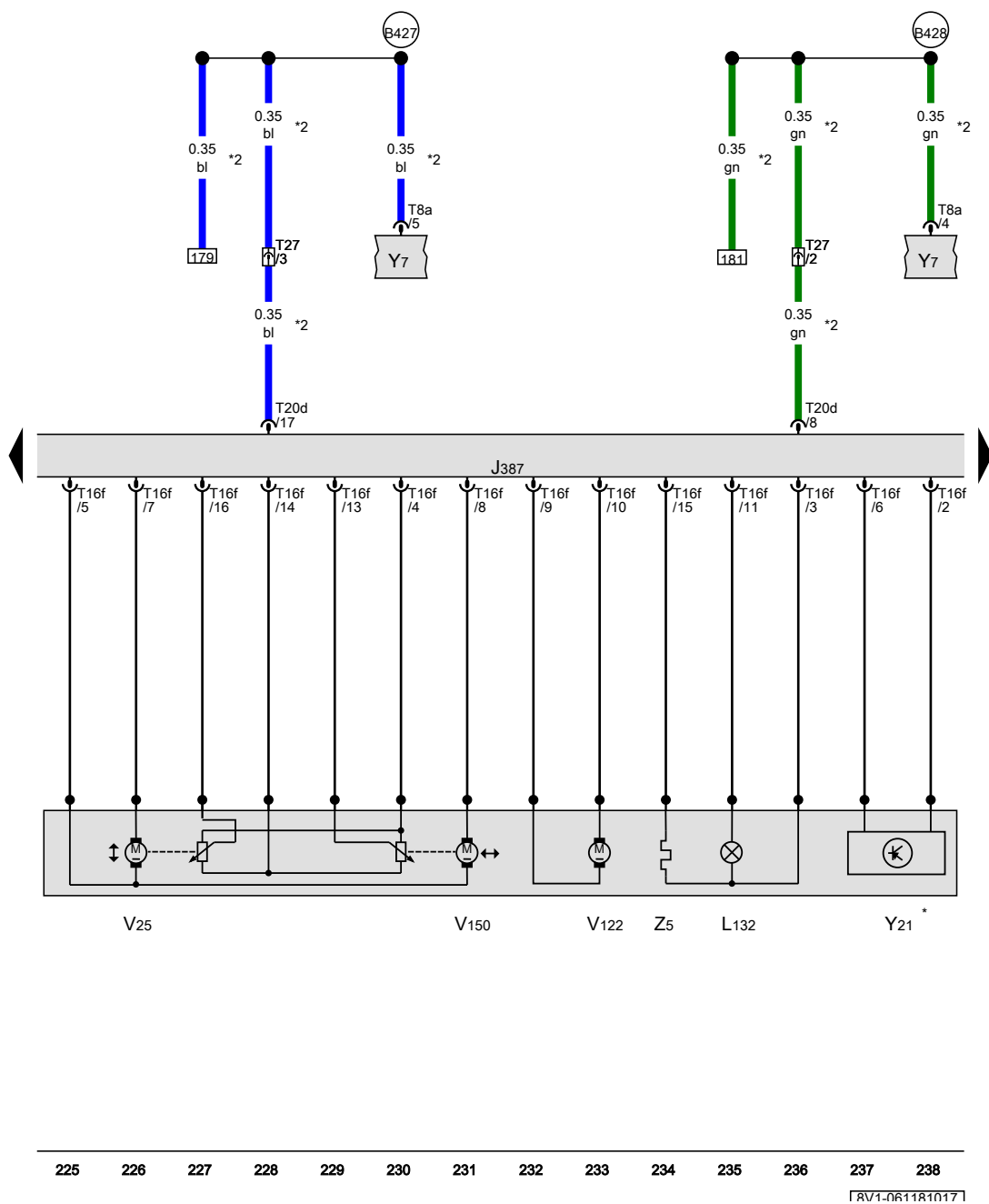
- (B397) Connection 1 (convenience CAN bus, high), in main wiring harness
- (B398) Connection 2 (convenience CAN bus, high), in main wiring harness
- (B406) Connection 1 (convenience CAN bus, low), in main wiring harness
- (B407) Connection 2 (convenience CAN bus, low), in main wiring harness

* see applicable current flow diagram for dash panel insert

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- * According to equipment
- *2 For models with entry and start authorisation
- *3 For models with no entry and start authorisation
- *4 For models with 3 doors
- *5 For models with 5 doors



Front passenger door control unit, Front passenger side turn signal repeater bulb, Front passenger side mirror adjustment motor 2, Front passenger side fold-in mirror motor, Front passenger side mirror adjustment motor, Automatic anti-dazzle exterior mirror, passenger side, Heated exterior mirror on passenger side

- J387 Front passenger door control unit
- L132 Front passenger side turn signal repeater bulb
- T8a 8-pin connector
- T16f 16-pin connector
- T20d 20-pin connector
- T27 27-pin connector, on left A-pillar, black
- V25 Front passenger side mirror adjustment motor 2
- V122 Front passenger side fold-in mirror motor
- V150 Front passenger side mirror adjustment motor
- Y7 Automatic anti-dazzle interior mirror
- Y21 Automatic anti-dazzle exterior mirror, passenger side
- Z5 Heated exterior mirror on passenger side

B427 Connection 1 (mirror signal), in main wiring harness

B428 Connection 2 (mirror signal), in main wiring harness

- * For models with automatic anti-dazzle exterior mirror
- *2 For models with automatic anti-dazzle interior mirror

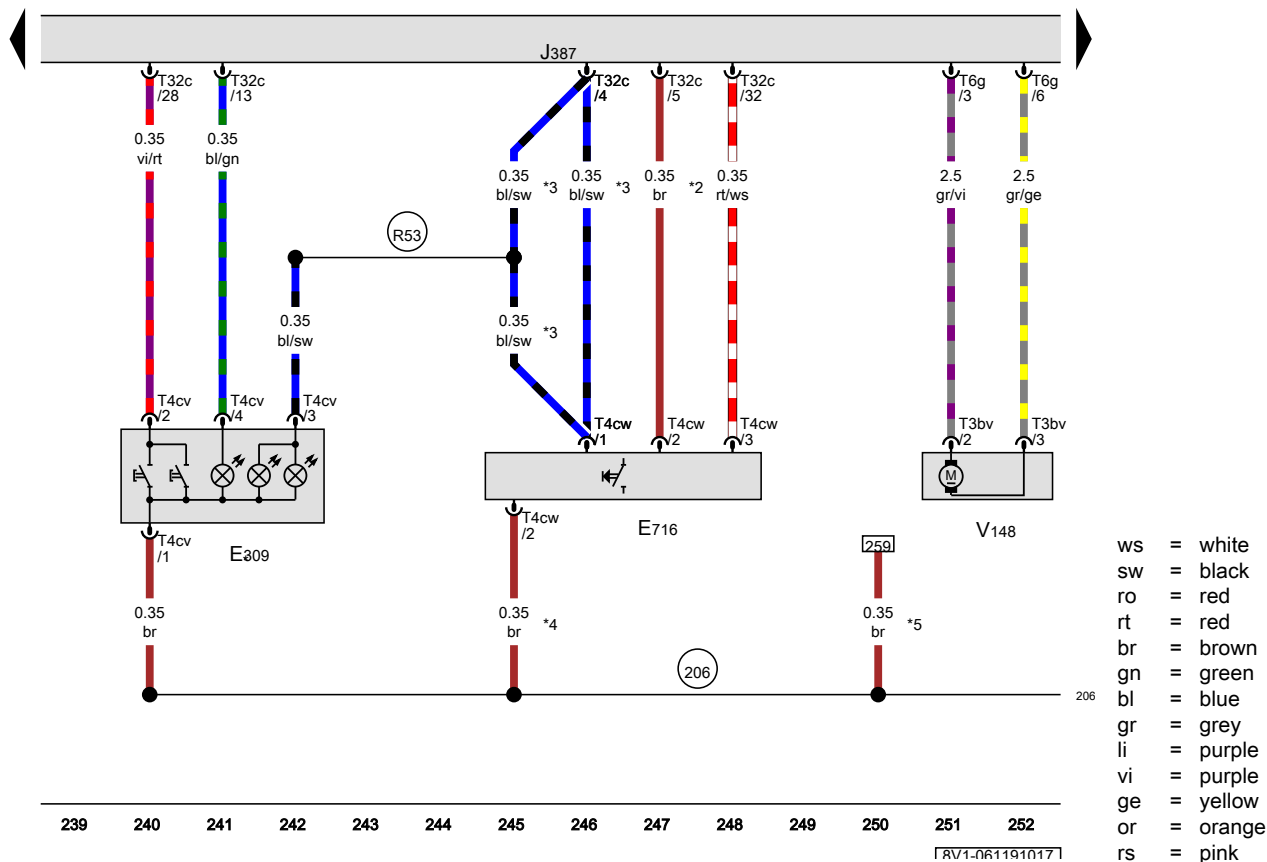
Front passenger side interior locking button for central locking system, Front passenger side window regulator button, Front passenger door control unit, Front passenger side window regulator motor

- E309 Front passenger side interior locking button for central locking system
- E716 Front passenger side window regulator button
- J387 Front passenger door control unit
- T3bv 3-pin connector
- T4cv 4-pin connector
- T4cw 4-pin connector
- T6g 6-pin connector
- T32c 32-pin connector
- V148 Front passenger side window regulator motor

206 Earth connection, in front passenger door wiring harness

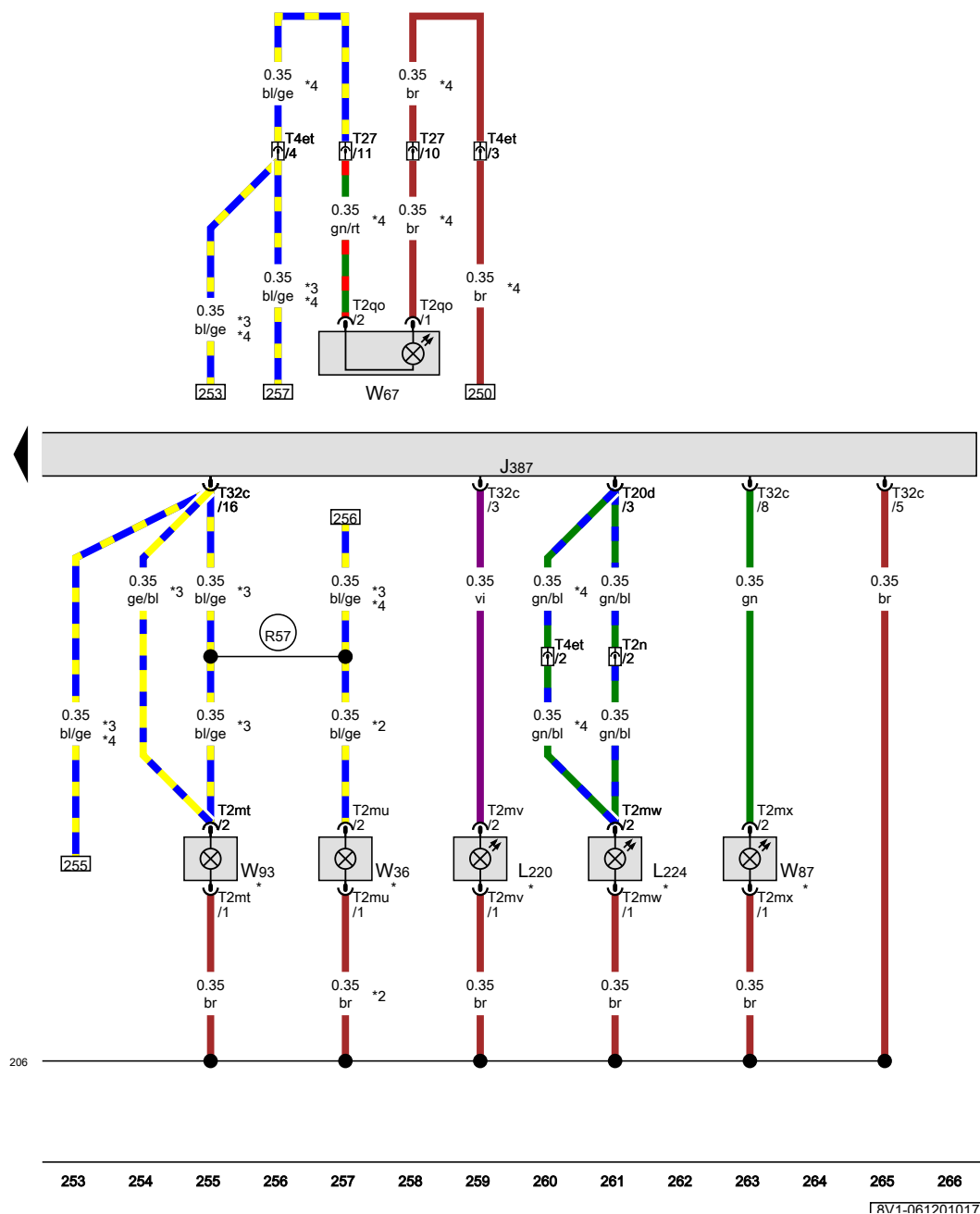
R53 Connection (58s), in driver side door wiring harness

- * For models with front passenger side interior locking button
- *2 For models with no additional lights
- *3 According to equipment
- *4 For models with additional lights
- *5 For models with background lighting in sill panel mouldings



Front passenger door control unit, Light for passenger side interior door handle illumination, Light for passenger side door loudspeaker trim, Front passenger side door warning lamp, Light conductor for front left sill panel moulding background lighting, Light for passenger door background lighting, Passenger side entry light

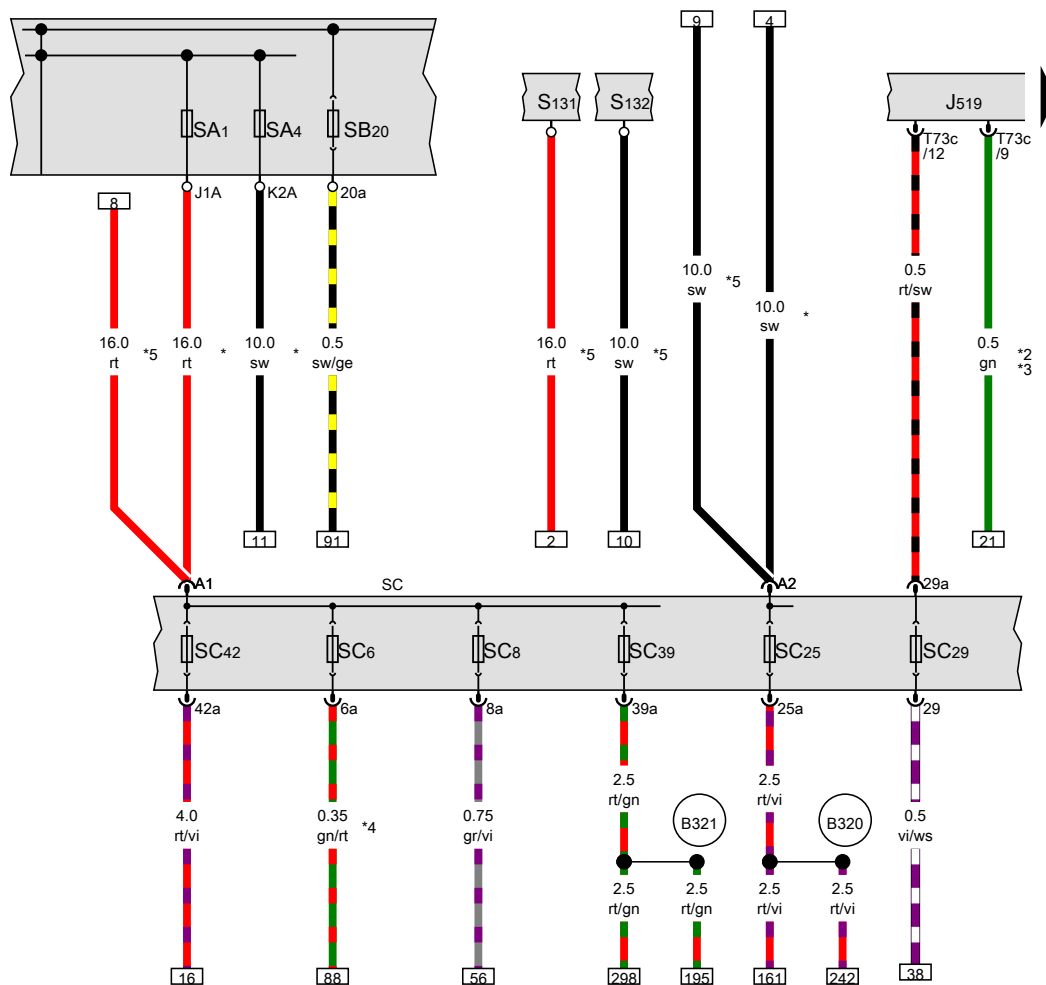
- J387 Front passenger door control unit
- L220 Light for passenger side interior door handle illumination
- L224 Light for passenger side door loudspeaker trim
- T2mt 2-pin connector
- T2mu 2-pin connector
- T2mv 2-pin connector
- T2mw 2-pin connector
- T2mx 2-pin connector
- T2n 2-pin connector
- T2qo 2-pin connector
- T4et 4-pin connector
- T20d 20-pin connector
- T27 27-pin connector
- T32c 32-pin connector
- W36 Front passenger side door warning lamp
- W67 Light conductor for front left sill panel moulding background lighting
- W87 Light for passenger door background lighting
- W93 Passenger side entry light
- 206 Earth connection, in front passenger door wiring harness
- R57 Connection (entry light), in front passenger door wiring harness
- * For models with additional lights
- *2 Up to April 2017
- *3 According to equipment
- *4 For models with background lighting in sill panel mouldings



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Convenience system, 5-door vehicle with lighting package and/or childproof locks, right-hand drive , (L0R),(4H5)

From September 2012



Fuse holder C

- J519 Onboard supply control unit
- SA1 Fuse 1 on fuse holder A
- SA4 Fuse 4 on fuse holder A
- SB20 Fuse 20 on fuse holder B
- SC Fuse holder C
- SC6 Fuse 6 on fuse holder C
- SC8 Fuse 8 on fuse holder C
- SC25 Fuse 25 on fuse holder C
- SC29 Fuse 29 on fuse holder C
- SC39 Fuse 39 on fuse holder C
- SC42 Fuse 42 on fuse holder C
- S131 Fuse 1
- S132 Fuse 2
- T73c 73-pin connector

B320 Positive connection 6 (30a) in main wiring harness

B321 Positive connection 7 (30a) in main wiring harness

* Not for RS 3 models

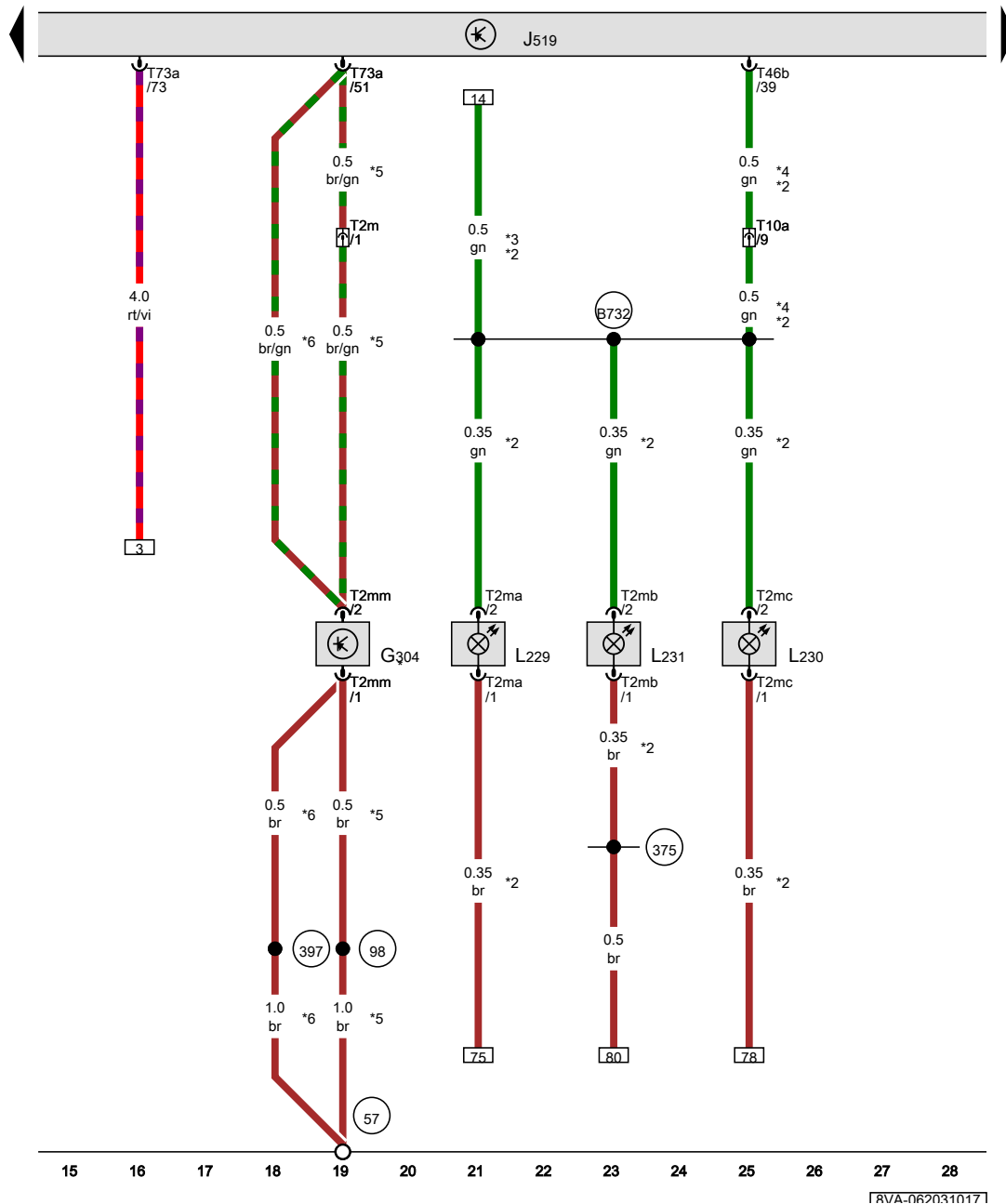
*2 For models with no automatic headlight range control

*3 Up to April 2016

*4 Up to April 2015

*5 For RS 3 models

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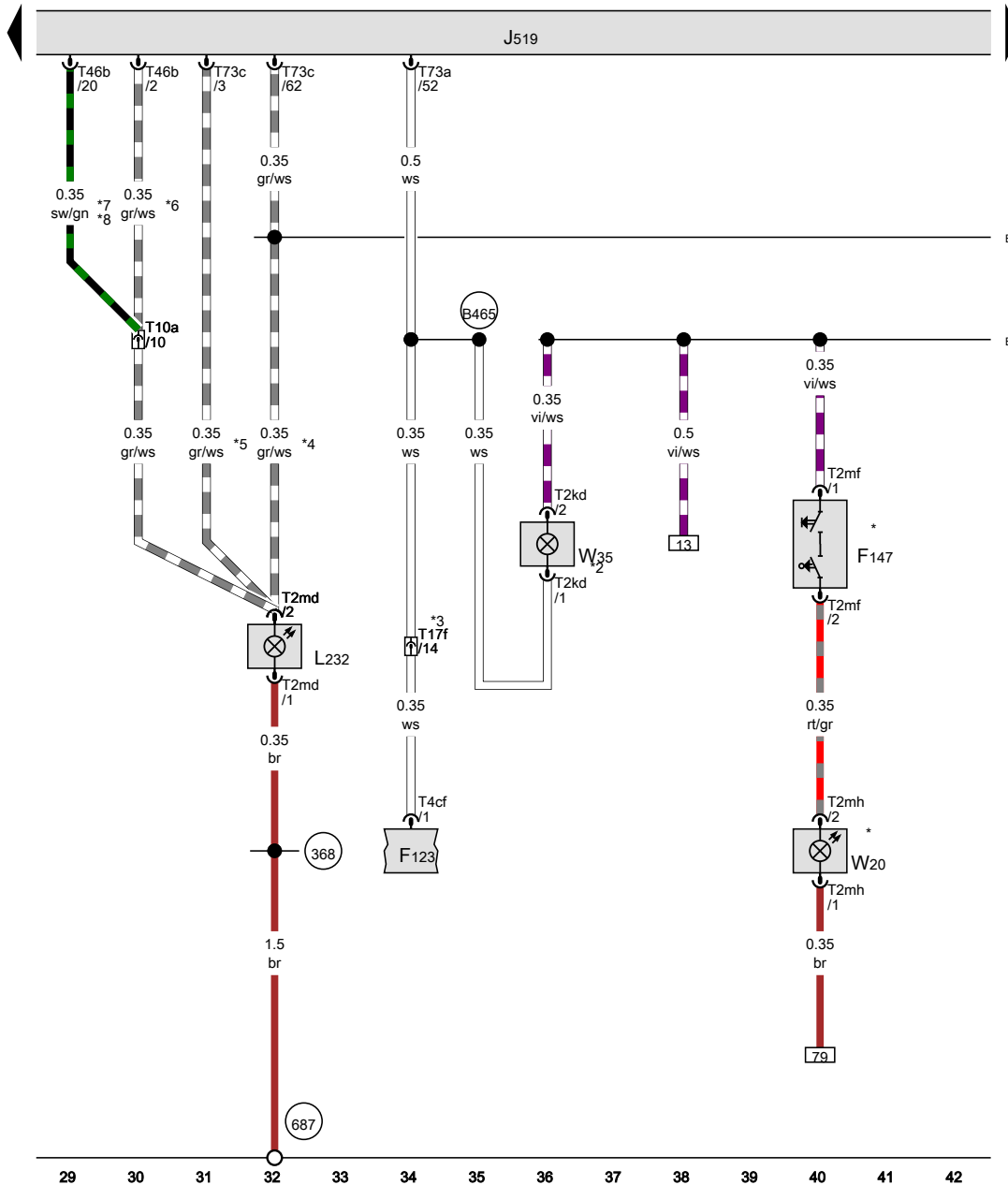


Glass breakage sensor for rear window, Light for left dashboard background lighting, Light for right dashboard background lighting, Light for centre dashboard background lighting

- G304 Glass breakage sensor for rear window
- J519 Onboard supply control unit
- L229 Light for left dashboard background lighting
- L230 Light for right dashboard background lighting
- L231 Light for centre dashboard background lighting
- T2m 2-pin connector
- T2ma 2-pin connector
- T2mb 2-pin connector
- T2mc 2-pin connector
- T2mm 2-pin connector
- T10a 10-pin connector, white
- T46b 46-pin connector
- T73a 73-pin connector

- 57 Earth point, rear left pillar
- 98 Earth connection, in rear lid wiring harness
- 375 Earth connection 10, in main wiring harness
- 397 Earth connection 32, in main wiring harness
- B732 Connection 2 (58s), in main wiring harness

- * For models with anti-theft alarm system
- *2 Up to April 2016
- *3 For models with no automatic headlight range control
- *4 For models with automatic headlight range control
- *5 Up to October 2014
- *6 From November 2014



[8VA-062041017]

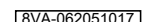
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Driver vanity mirror contact switch, Light for cup holder background lighting, Right luggage compartment light

- F123 Rear lid contact switch for anti-theft alarm
- F147 Driver vanity mirror contact switch
- J519 Onboard supply control unit
- L232 Light for cup holder background lighting
- T2kd 2-pin connector
- T2md 2-pin connector
- T2mf 2-pin connector
- T2mh 2-pin connector
- T4cf 4-pin connector
- T10a 10-pin connector, white
- T17f 17-pin connector, black
- T46b 46-pin connector
- T73a 73-pin connector
- T73c 73-pin connector
- W20 Driver side illuminated vanity mirror
- W35 Right luggage compartment light

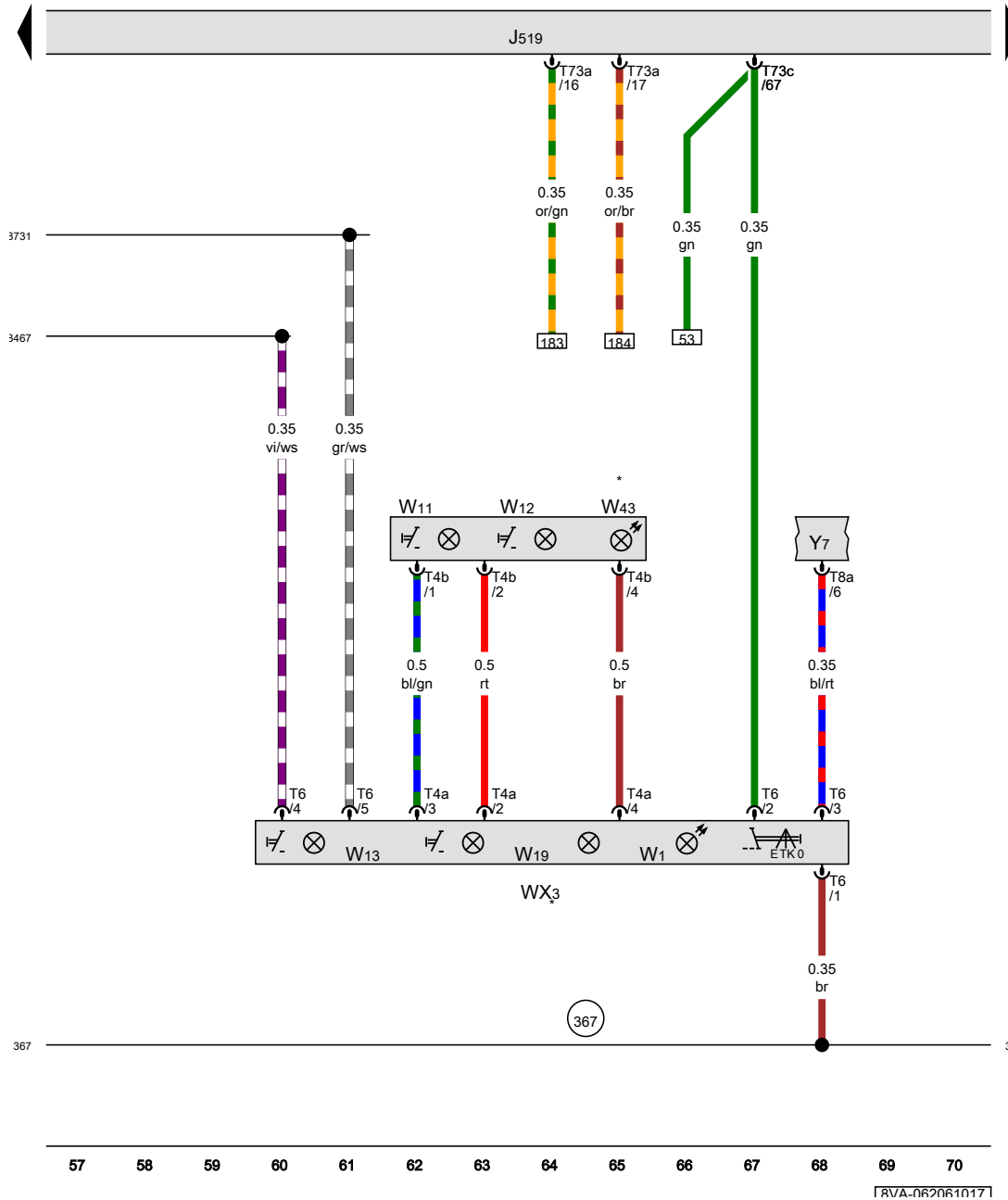
- 368 Earth connection 3, in main wiring harness
- 687 Earth point 1, on centre tunnel
- B465 Connection 1, in main wiring harness
- B467 Connection 3, in main wiring harness
- B731 Connection 1 (58s), in main wiring harness

- * For models with illuminated vanity mirror
- *2 According to equipment
- *3 Up to October 2014
- *4 For models with additional lights
- *5 For models with halogen headlights
- *6 For models with xenon headlights
- *7 For models with LED headlights
- *8 From May 2016



* For models with illuminated vanity mirror
*2 According to equipment
*3 From May 2015

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Front roof module, Rear interior light

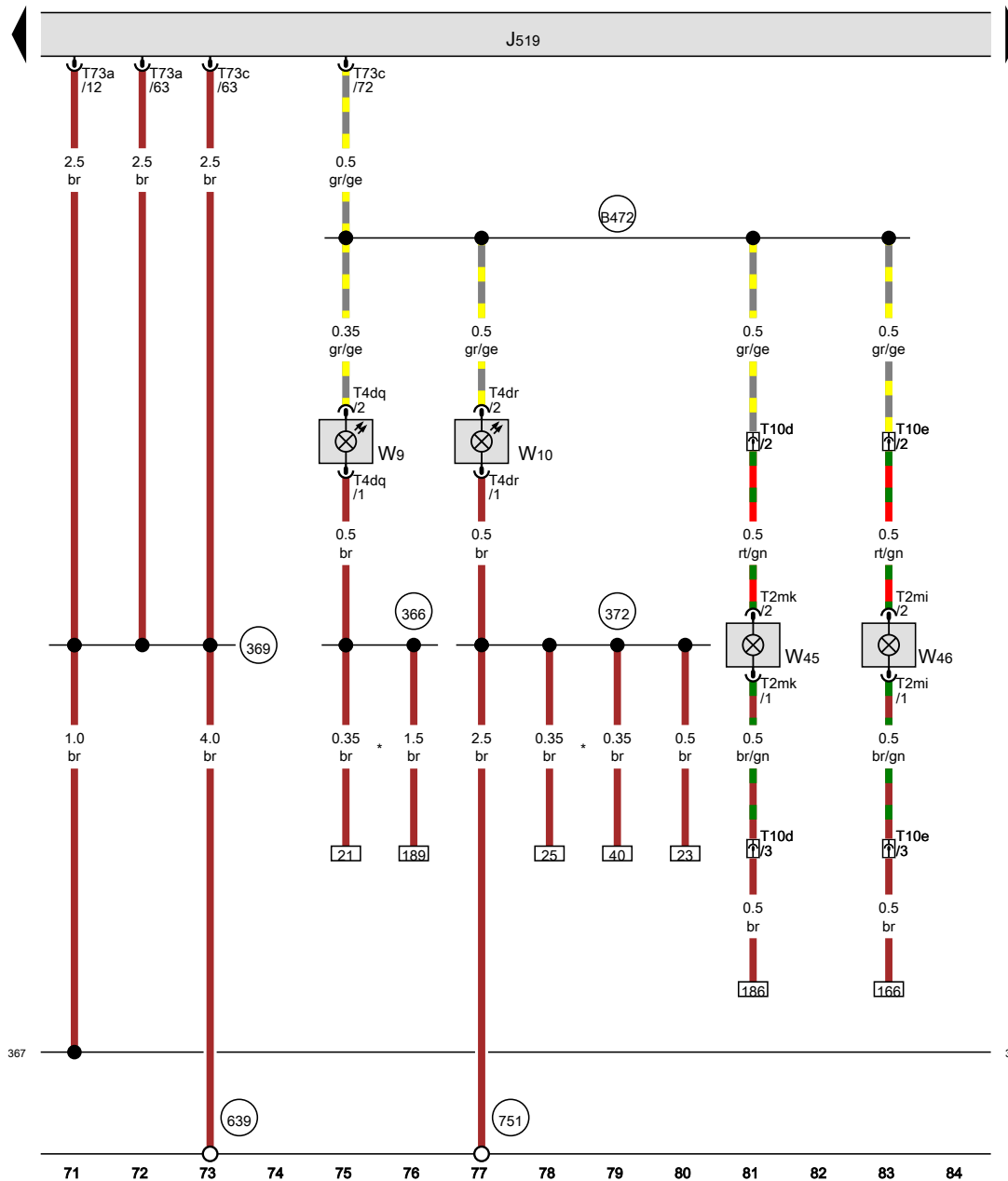
- J519 Onboard supply control unit
- T4a 4-pin connector
- T4b 4-pin connector
- T6 6-pin connector
- T8a 8-pin connector
- T73a 73-pin connector
- T73c 73-pin connector
- W1 Front interior light
- WX3 Front roof module
- W11 Rear left reading light
- W12 Rear right reading light
- W13 Front passenger reading light
- W19 Driver side reading light
- W43 Rear interior light
- Y7 Automatic anti-dazzle interior mirror

367 Earth connection 2, in main wiring harness

B467 Connection 3, in main wiring harness

B731 Connection 1 (58s), in main wiring harness

* According to equipment



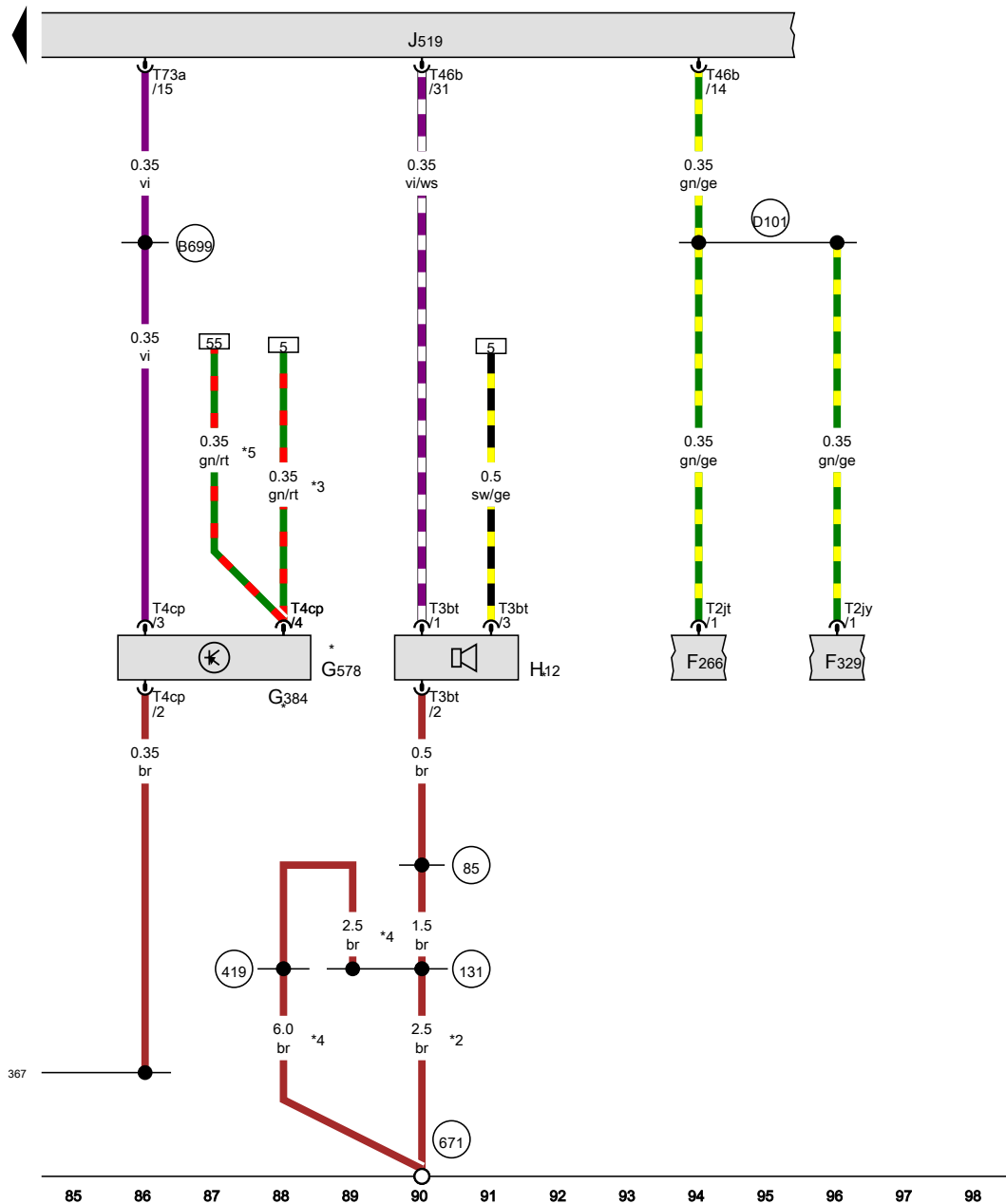
Left footwell light, Right footwell light, Rear left footwell light, Rear right footwell light

- J519 Onboard supply control unit
- T2mi 2-pin connector
- T2mk 2-pin connector
- T4dq 4-pin connector
- T4dr 4-pin connector
- T10d 10-pin connector, in coupling point for front seat, left, red
- T10e 10-pin connector, in coupling point for front seat, right, red
- T73a 73-pin connector
- T73c 73-pin connector
- W9 Left footwell light
- W10 Right footwell light
- W45 Rear left footwell light
- W46 Rear right footwell light

- 366 Earth connection 1, in main wiring harness
- 367 Earth connection 2, in main wiring harness
- 369 Earth connection 4, in main wiring harness
- 372 Earth connection 7, in main wiring harness
- 639 Earth point, left A-pillar
- 751 Earth point 2, on right A-pillar
- B472 Connection 8, in main wiring harness

* Up to April 2016

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Anti-theft alarm sensor, Alarm horn

- F266 Bonnet contact switch
- F329 Bonnet contact switch 2
- G384 Vehicle inclination sender
- G578 Anti-theft alarm sensor
- H12 Alarm horn
- J519 Onboard supply control unit
- T2jt 2-pin connector
- T2jy 2-pin connector
- T3bt 3-pin connector
- T4cp 4-pin connector
- T46b 46-pin connector
- T73a 73-pin connector

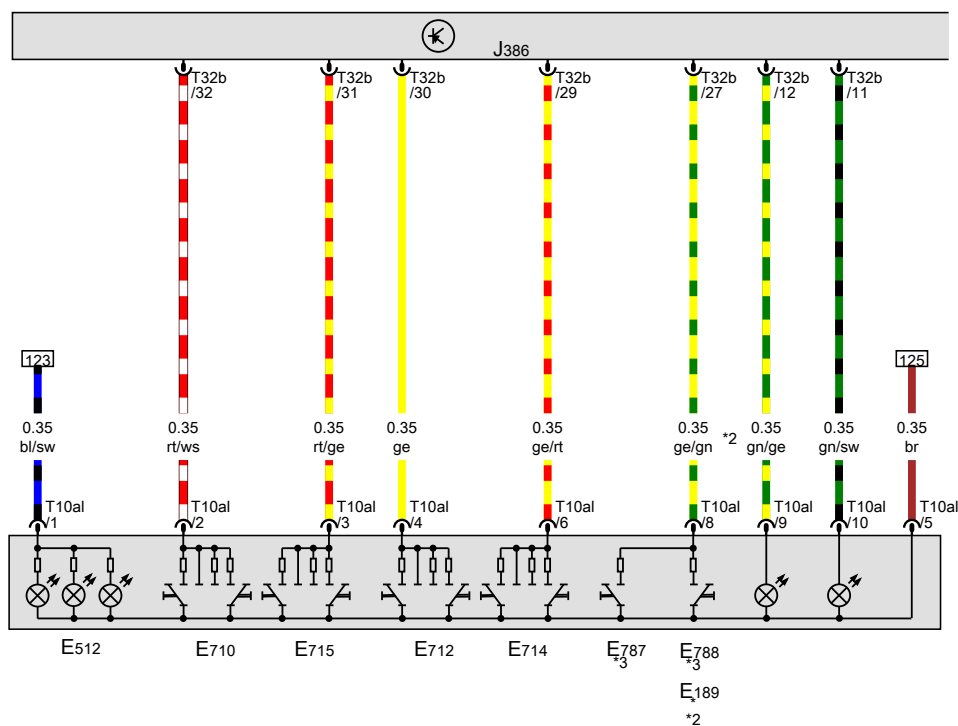
- 85 Earth connection 1, in engine compartment wiring harness
- 131 Earth connection 2, in engine compartment wiring harness
- 367 Earth connection 2, in main wiring harness
- 419 Earth connection 11, in engine compartment wiring harness
- 671 Earth point 1, on front of left longitudinal member
- B699 Connection 4 (LIN bus) in main wiring harness
- D101 Connection 1 in engine compartment wiring harness

- * For models with anti-theft alarm system
- *2 Gradually discontinued
- *3 Up to April 2015
- *4 gradual introduction
- *5 From May 2015

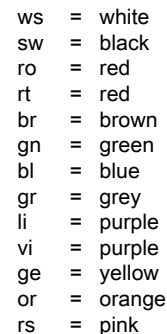
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Central switch for window regulators in driver door, Operating unit for window regulator in driver door, Front driver side window regulator button, Rear driver side window regulator button, in driver door, Rear passenger side window regulator button, in driver door, Front passenger side window regulator button, in driver door, Rear childproof lock button, driver side, Rear childproof lock button, passenger side, Driver door control unit

- E189 Central switch for window regulators in driver door
- E512 Operating unit for window regulator in driver door
- E710 Front driver side window regulator button
- E712 Rear driver side window regulator button, in driver door
- E714 Rear passenger side window regulator button, in driver door
- E715 Front passenger side window regulator button, in driver door
- E787 Rear childproof lock button, driver side
- E788 Rear childproof lock button, passenger side
- J386 Driver door control unit
- T10al 10-pin connector
- T32b 32-pin connector
- * For models with no childproof locks
- *2 If fitted
- *3 For models with childproof locks



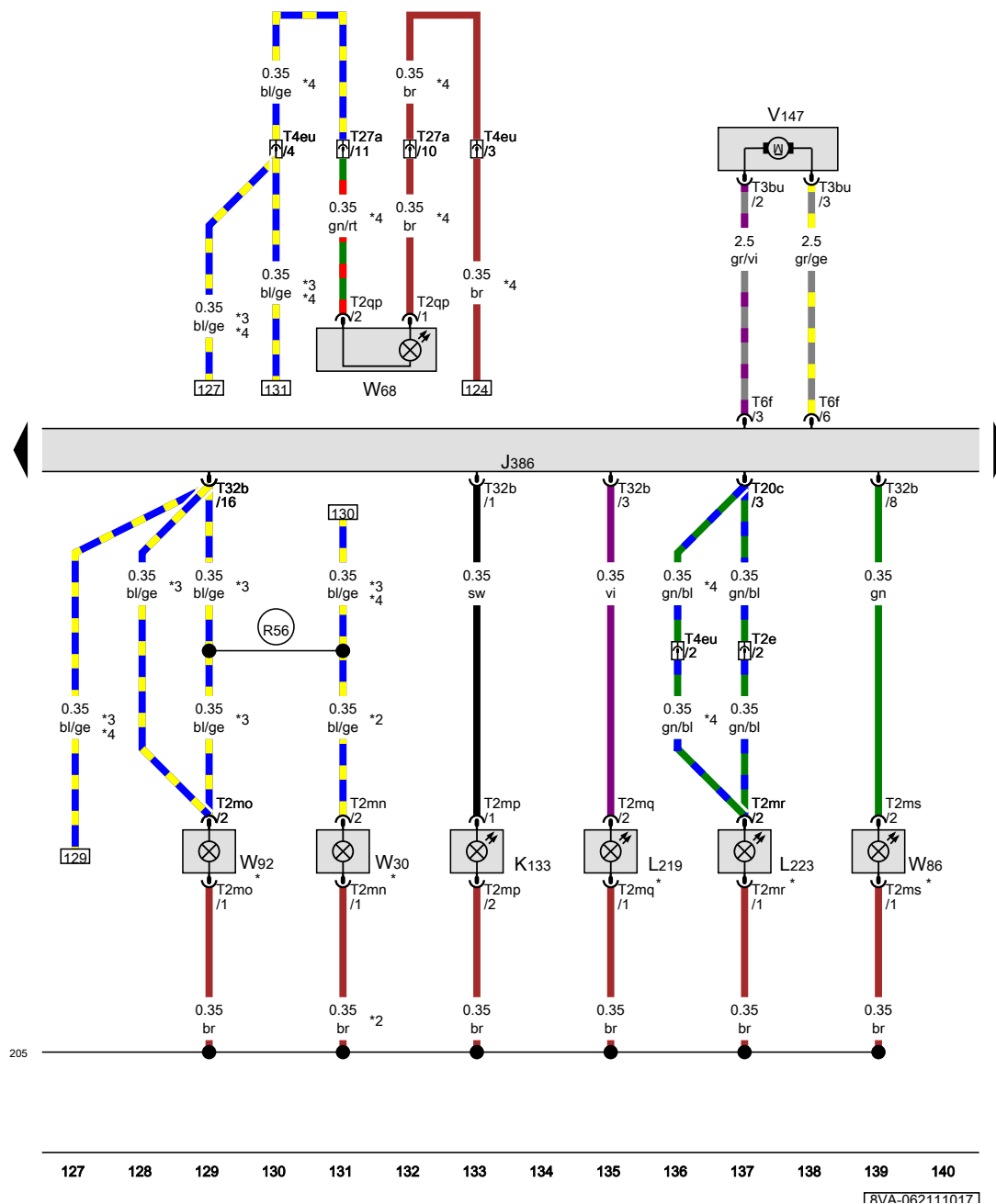
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E43	Mirror adjustment switch
E48	Mirror adjustment changeover switch
E168	Adjustment switch for mirror with fold-in feature
E308	Driver side interior locking button for central locking system
E319	Fuel tank flap release button
E616	Button for deactivating interior monitoring and vehicle inclination sensor
J386	Driver door control unit
T4cs	4-pin connector
T4ct	4-pin connector
T4cu	4-pin connector
T10am	10-pin connector
T32b	32-pin connector

(R94) Connection 1 in driver side door wiring harness

* For models with interior monitoring
*2 For models with no hybrid drive system
*3 For models with hybrid drive system
*4 For models with background lighting in sill panel mouldings



Driver door control unit, Central locking SAFELOCK function warning lamp, Light for driver side interior door handle illumination, Light for driver side door loudspeaker trim, Driver side window regulator motor, Driver side door warning lamp, Light conductor for front right sill panel moulding background lighting, Light for driver door background lighting, Driver side entry light

- J386 Driver door control unit
- K133 Central locking SAFELOCK function warning lamp
- L219 Light for driver side interior door handle illumination
- L223 Light for driver side door loudspeaker trim
- T2e 2-pin connector
- T2mn 2-pin connector
- T2mo 2-pin connector
- T2mp 2-pin connector
- T2mq 2-pin connector
- T2mr 2-pin connector
- T2ms 2-pin connector
- T2qp 2-pin connector
- T3bu 3-pin connector
- T4eu 4-pin connector
- T6f 6-pin connector
- T20c 20-pin connector
- T27a 27-pin connector
- T32b 32-pin connector
- V147 Driver side window regulator motor
- W30 Driver side door warning lamp
- W68 Light conductor for front right sill panel moulding background lighting
- W86 Light for driver door background lighting
- W92 Driver side entry light

205 Earth connection, in driver door wiring harness

R56 Connection (entry light), in driver door wiring harness

* For models with additional lights

*2 Up to April 2017

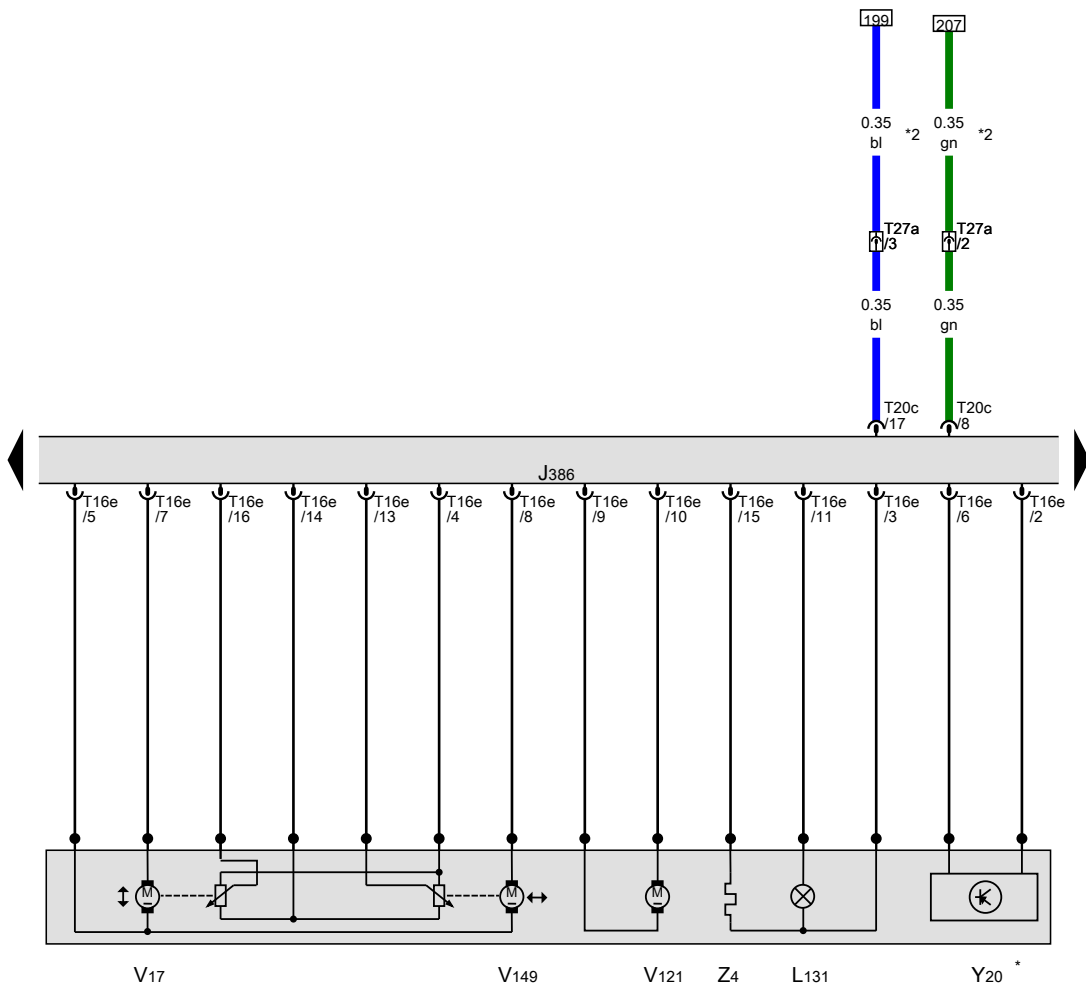
*3 According to equipment

*4 For models with background lighting in sill panel mouldings

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Driver door control unit, Driver side turn signal repeater bulb, Driver side mirror adjustment motor 2, Driver side fold-in mirror motor, Driver side mirror adjustment motor, Automatic anti-dazzle exterior mirror, driver side, Heated exterior mirror on driver side

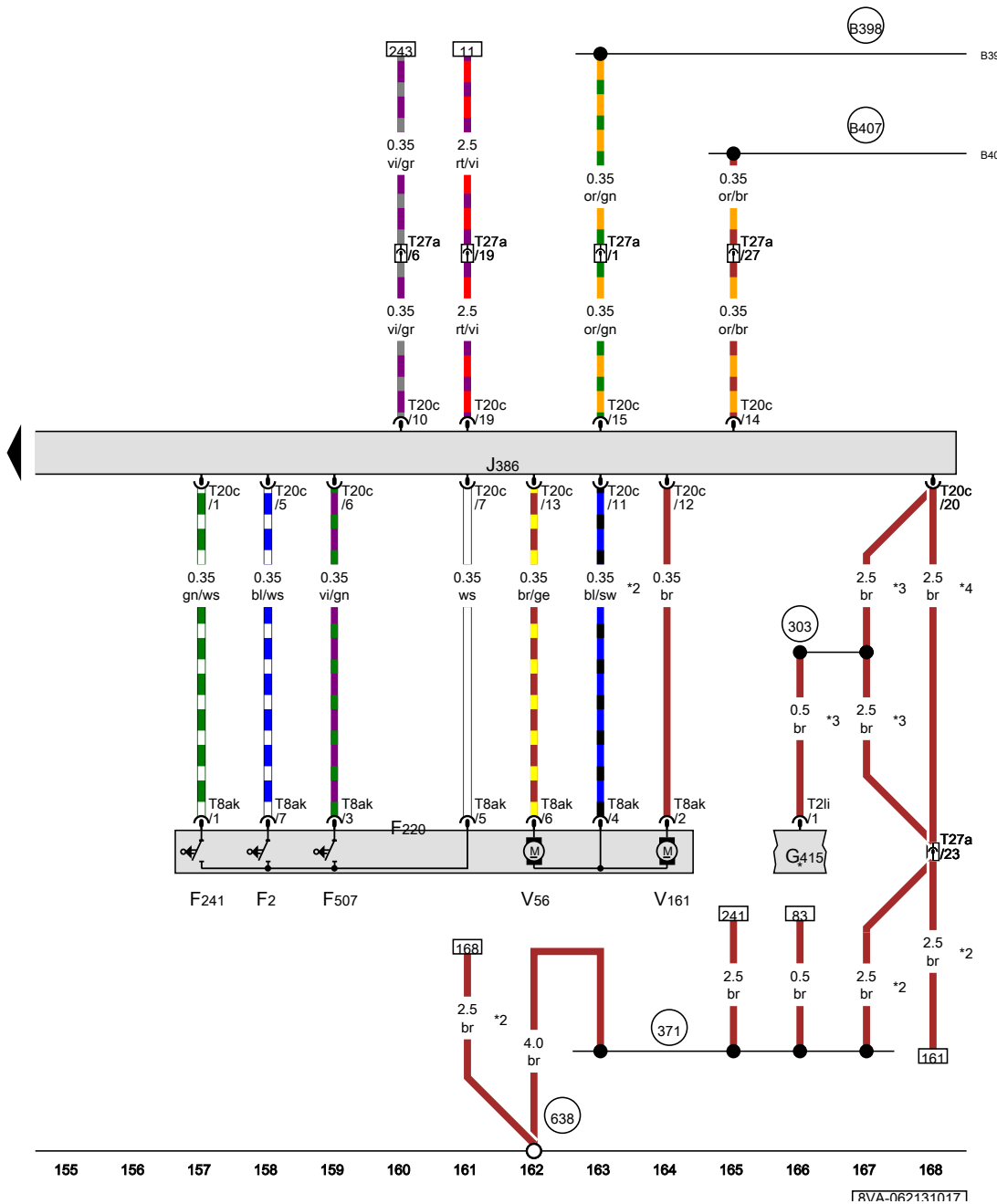
- J386 Driver door control unit
- L131 Driver side turn signal repeater bulb
- T16e 16-pin connector
- T20c 20-pin connector
- T27a 27-pin connector
- V17 Driver side mirror adjustment motor 2
- V121 Driver side fold-in mirror motor
- V149 Driver side mirror adjustment motor
- Y20 Automatic anti-dazzle exterior mirror, driver side
- Z4 Heated exterior mirror on driver side
- * For models with automatic anti-dazzle exterior mirror
- *2 For models with automatic anti-dazzle interior mirror



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141 142 143 144 145 146 147 148 149 150 151 152 153 154

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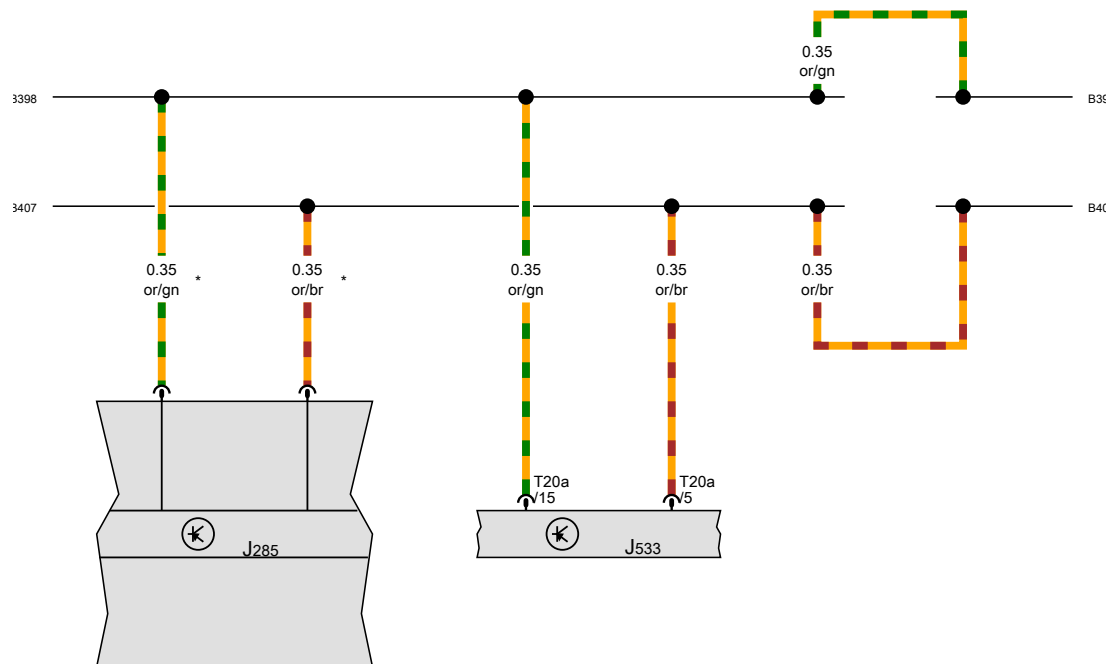


Driver door contact switch, Driver side central locking lock unit, Driver side contact switch in lock cylinder, Driver side central locking actuator, Driver door control unit, Driver door central locking motor, Driver door central locking SAFELOCK function motor

- F2 Driver door contact switch
- F220 Driver side central locking lock unit
- F241 Driver side contact switch in lock cylinder
- F507 Driver side central locking actuator
- G415 Driver exterior door handle contact sensor
- J386 Driver door control unit
- T2li 2-pin connector
- T8ak 8-pin connector
- T20c 20-pin connector
- T27a 27-pin connector
- V56 Driver door central locking motor
- V161 Driver door central locking SAFELOCK function motor

- 303 Earth connection 3, in drive side door wiring harness
- 371 Earth connection 6, in main wiring harness
- 638 Earth point, on right A-pillar
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness
- * see applicable current flow diagram
- *2 According to equipment
- *3 For models with entry and start authorisation
- *4 For models with no entry and start authorisation

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Control unit in dash panel insert, Data bus diagnostic interface

J285 Control unit in dash panel insert
J533 Data bus diagnostic interface
T20a 20-pin connector

B397 Connection 1 (convenience CAN bus, high), in main wiring harness

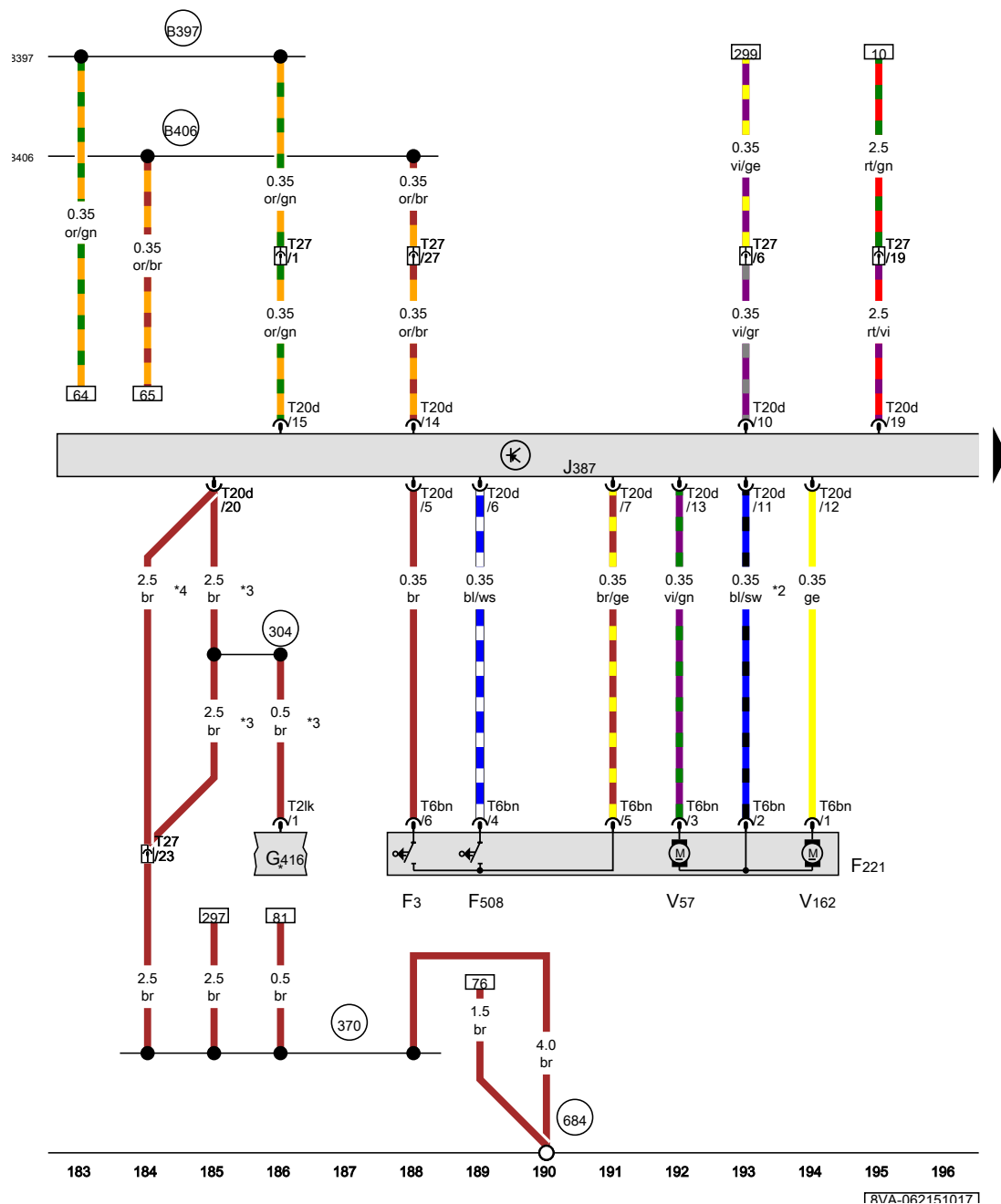
B398 Connection 2 (convenience CAN bus, high), in main wiring harness

B406 Connection 1 (convenience CAN bus, low), in main wiring harness

B407 Connection 2 (convenience CAN bus, low), in main wiring harness

* see applicable current flow diagram for dash panel insert

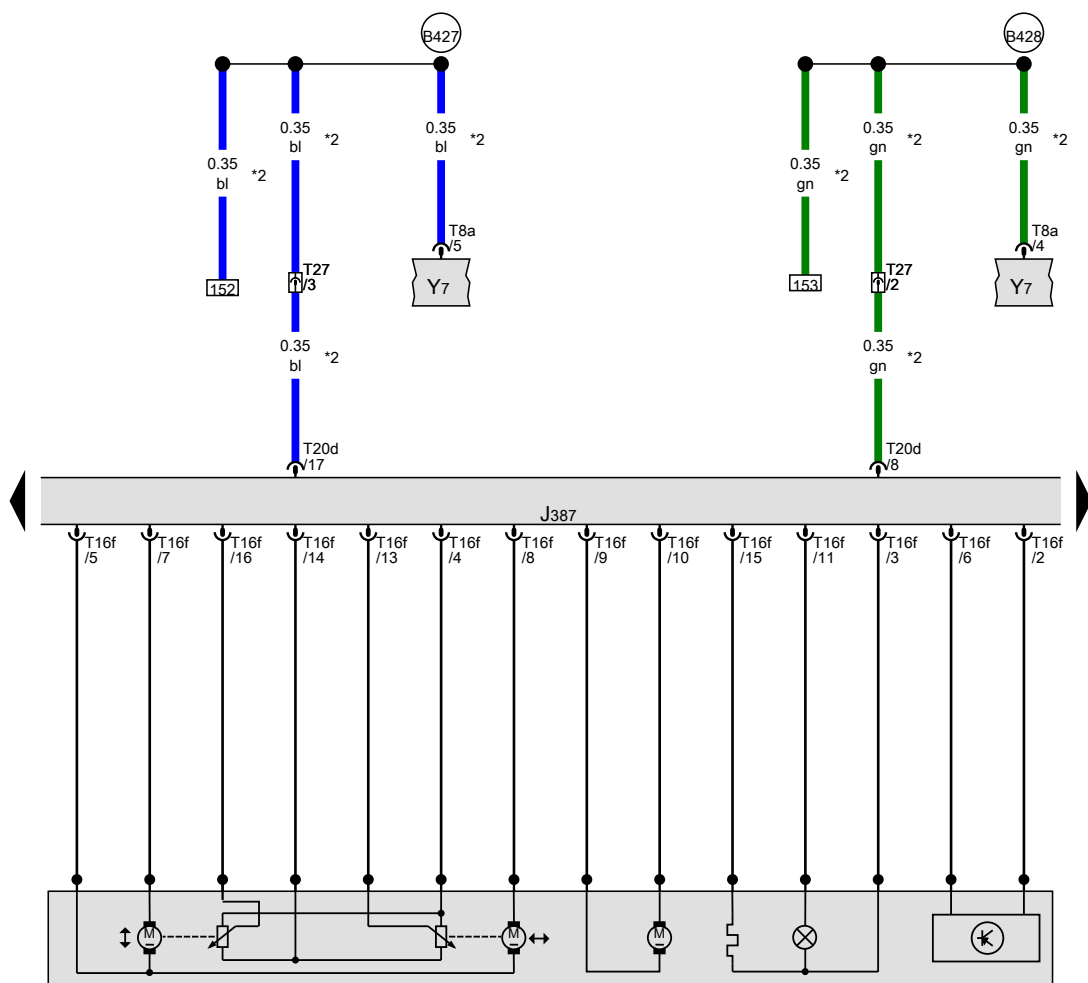
ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink



Front passenger door contact switch, Front passenger side central locking lock unit, Passenger side central locking actuator, Front passenger door control unit, Front passenger door central locking motor, Front passenger door central locking SAFELOCK function motor

- F3 Front passenger door contact switch
- F221 Front passenger side central locking lock unit
- F508 Passenger side central locking actuator
- G416 Front passenger exterior door handle contact sensor
- J387 Front passenger door control unit
- T2lk 2-pin connector
- T6bn 6-pin connector
- T20d 20-pin connector
- T27 27-pin connector
- V57 Front passenger door central locking motor
- V162 Front passenger door central locking SAFELOCK function motor

- 304 Earth connection 3, in front passenger side door wiring harness
- 370 Earth connection 5, in main wiring harness
- 684 Earth point on front of left side member
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- * see applicable current flow diagram
- *2 According to equipment
- *3 For models with entry and start authorisation
- *4 For models with no entry and start authorisation



Front passenger door control unit, Front passenger side turn signal repeater bulb, Front passenger side mirror adjustment motor 2, Front passenger side fold-in mirror motor, Front passenger side mirror adjustment motor, Automatic anti-dazzle exterior mirror, passenger side, Heated exterior mirror on passenger side

- J387 Front passenger door control unit
- L132 Front passenger side turn signal repeater bulb
- T8a 8-pin connector
- T16f 16-pin connector
- T20d 20-pin connector
- T27 27-pin connector
- V25 Front passenger side mirror adjustment motor 2
- V122 Front passenger side fold-in mirror motor
- V150 Front passenger side mirror adjustment motor
- Y7 Automatic anti-dazzle interior mirror
- Y21 Automatic anti-dazzle exterior mirror, passenger side
- Z5 Heated exterior mirror on passenger side

B427 Connection 1 (mirror signal), in main wiring harness

B428 Connection 2 (mirror signal), in main wiring harness

- * For models with automatic anti-dazzle exterior mirror
- *2 For models with automatic anti-dazzle interior mirror

ws = white
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 ro = red
 rt = red
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 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

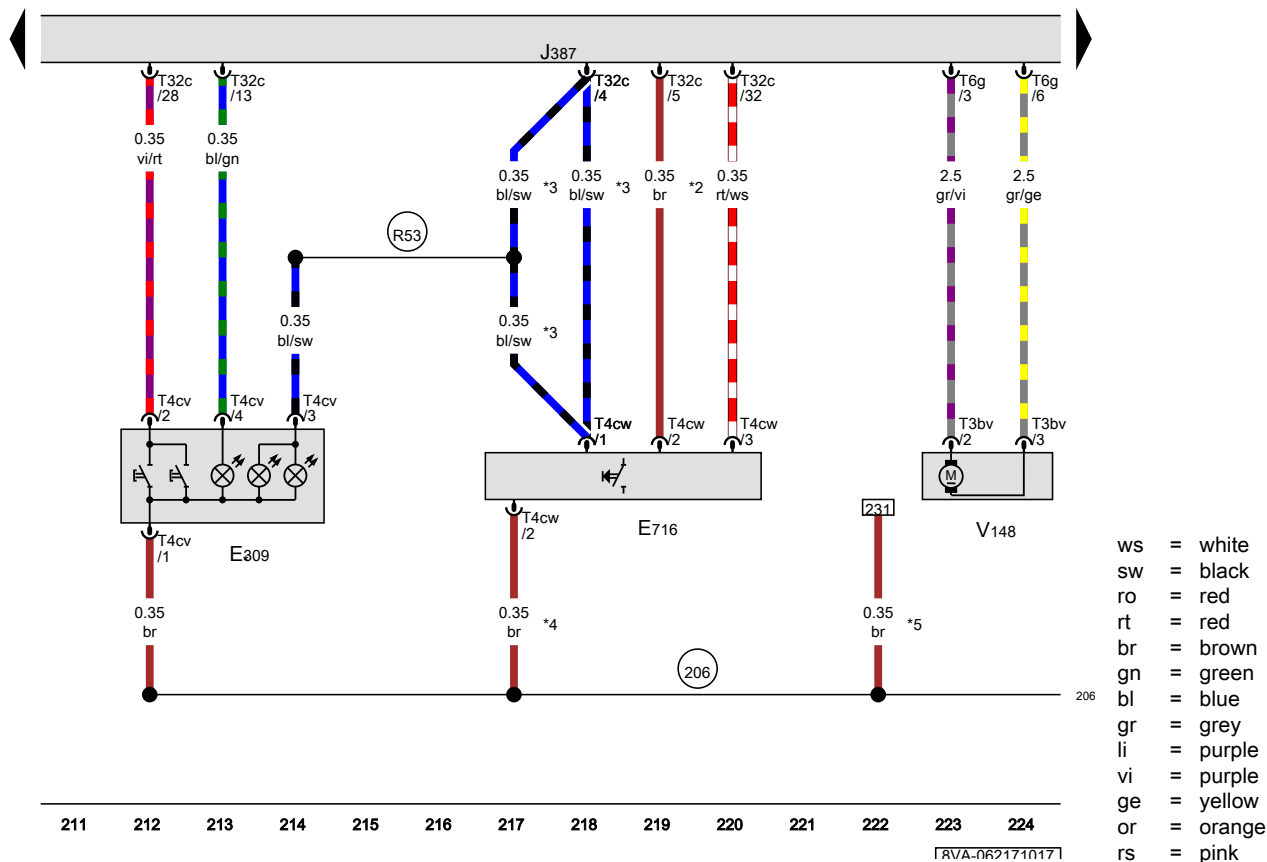
Front passenger side interior locking button for central locking system, Front passenger side window regulator button, Front passenger door control unit, Front passenger side window regulator motor

- E309 Front passenger side interior locking button for central locking system
- E716 Front passenger side window regulator button
- J387 Front passenger door control unit
- T3bv 3-pin connector
- T4cv 4-pin connector
- T4cw 4-pin connector
- T6g 6-pin connector
- T32c 32-pin connector
- V148 Front passenger side window regulator motor

206 Earth connection, in front passenger door wiring harness

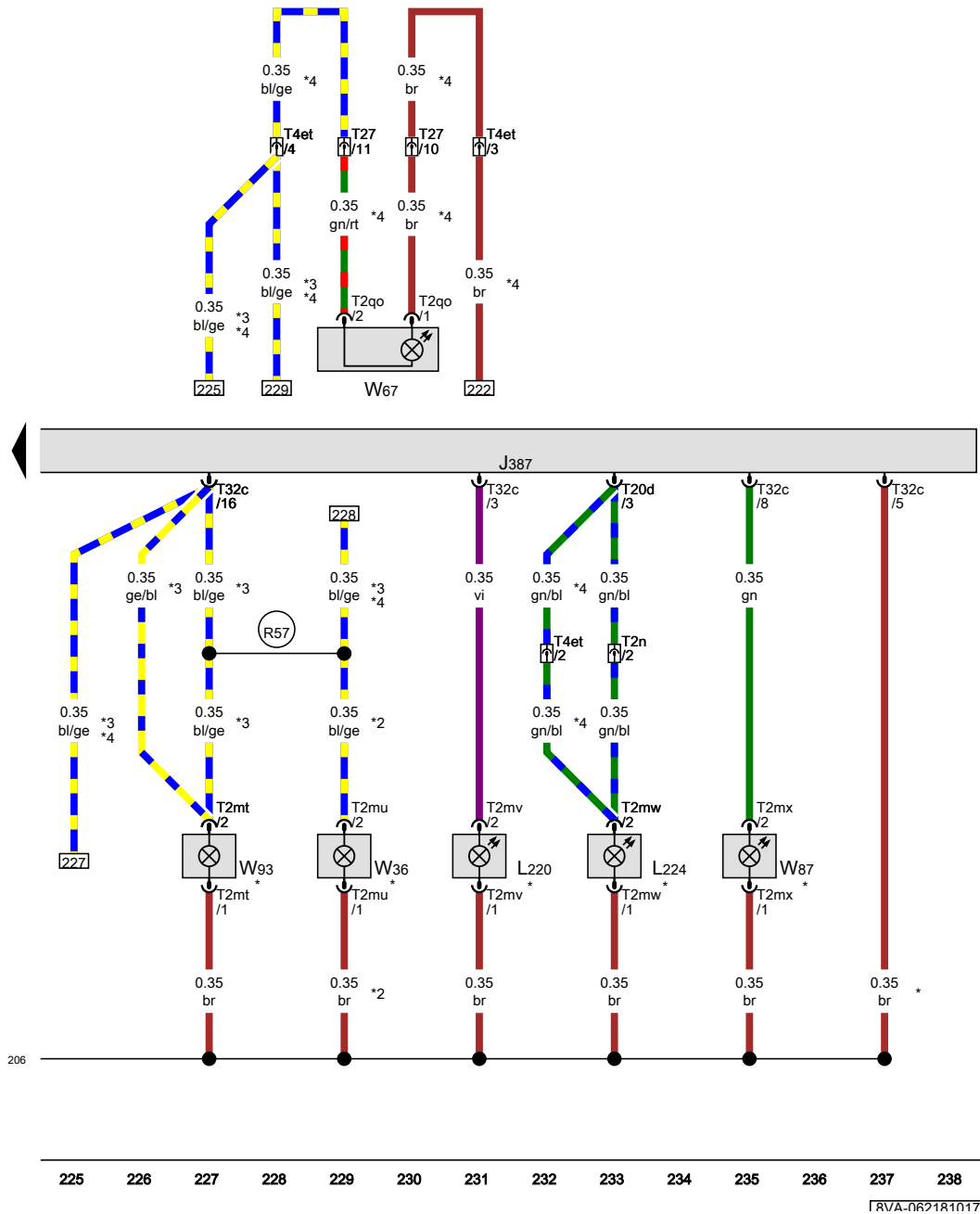
R53 Connection (58s), in driver side door wiring harness

- * For models with front passenger side interior locking button
- *2 For models with no additional lights
- *3 According to equipment
- *4 For models with additional lights
- *5 For models with background lighting in sill panel mouldings



Front passenger door control unit, Light for passenger side interior door handle illumination, Light for passenger side door loudspeaker trim, Front passenger side door warning lamp, Light conductor for front left sill panel moulding background lighting, Light for passenger door background lighting, Passenger side entry light

- J387 Front passenger door control unit
- L220 Light for passenger side interior door handle illumination
- L224 Light for passenger side door loudspeaker trim
- T2mt 2-pin connector
- T2mu 2-pin connector
- T2mv 2-pin connector
- T2mw 2-pin connector
- T2mx 2-pin connector
- T2n 2-pin connector
- T2qo 2-pin connector
- T4et 4-pin connector
- T20d 20-pin connector
- T27 27-pin connector
- T32c 32-pin connector
- W36 Front passenger side door warning lamp
- W67 Light conductor for front left sill panel moulding background lighting
- W87 Light for passenger door background lighting
- W93 Passenger side entry light
- 206 Earth connection, in front passenger door wiring harness
- R57 Connection (entry light), in front passenger door wiring harness
- * For models with additional lights
- *2 Up to April 2017
- *3 According to equipment
- *4 For models with background lighting in sill panel mouldings



ws = white
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 li = purple
 vi = purple
 ge = yellow
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 rs = pink

Rear driver side door control unit, Light for rear driver side interior door handle illumination, Rear driver side entry light, Light for rear door background lighting, driver side, Rear door warning lamp, driver side

- J926 Rear driver side door control unit
- L221 Light for rear driver side interior door handle illumination
- T2my 2-pin connector
- T2mz 2-pin connector
- T2na 2-pin connector
- T2nb 2-pin connector
- T16i 16-pin connector
- T20j 20-pin connector
- T27c 27-pin connector
- W83 Rear driver side entry light
- W88 Light for rear door background lighting, driver side
- W90 Rear door warning lamp, driver side

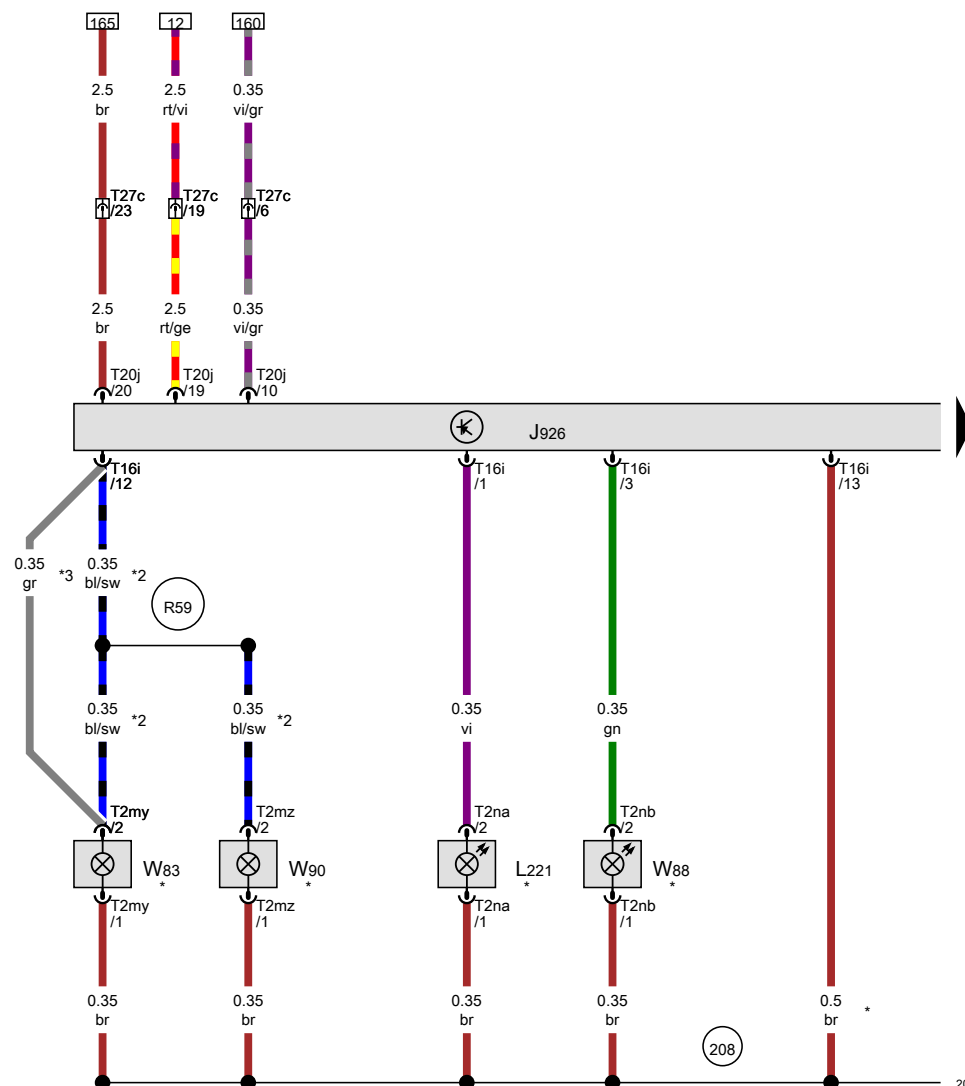
208 Earth connection, in rear right door wiring harness

R59 Connection (entry light), in rear right door wiring harness

* For models with additional lights

*2 Up to April 2017

*3 From May 2017



ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

239 240 241 242 243 244 245 246 247 248 249 250 251 252

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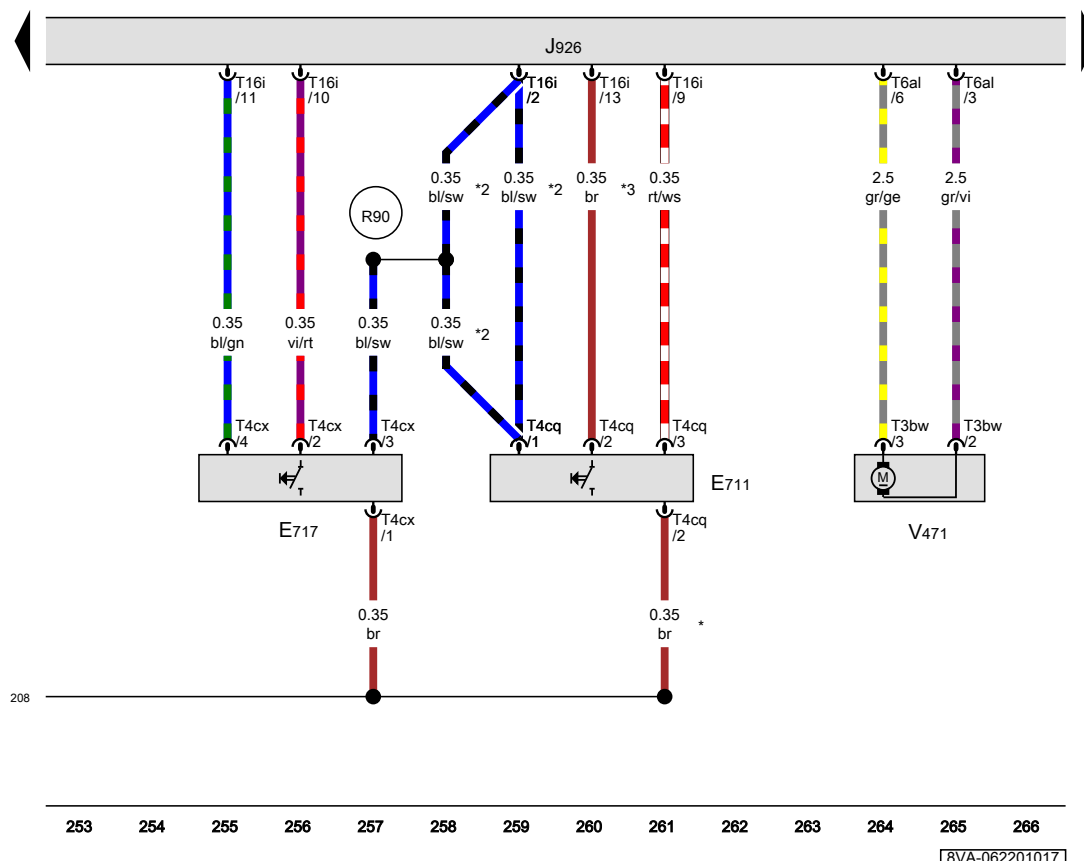
Rear driver side window regulator button, Rear driver side interior locking button for central locking system, Rear driver side door control unit, Rear driver side window regulator motor

- E711 Rear driver side window regulator button
- E717 Rear driver side interior locking button for central locking system
- J926 Rear driver side door control unit
- T3bw 3-pin connector
- T4cq 4-pin connector
- T4cx 4-pin connector
- T6al 6-pin connector
- T16i 16-pin connector
- V471 Rear driver side window regulator motor

208 Earth connection, in rear right door wiring harness

R90 Connection 1, in rear right door wiring harness

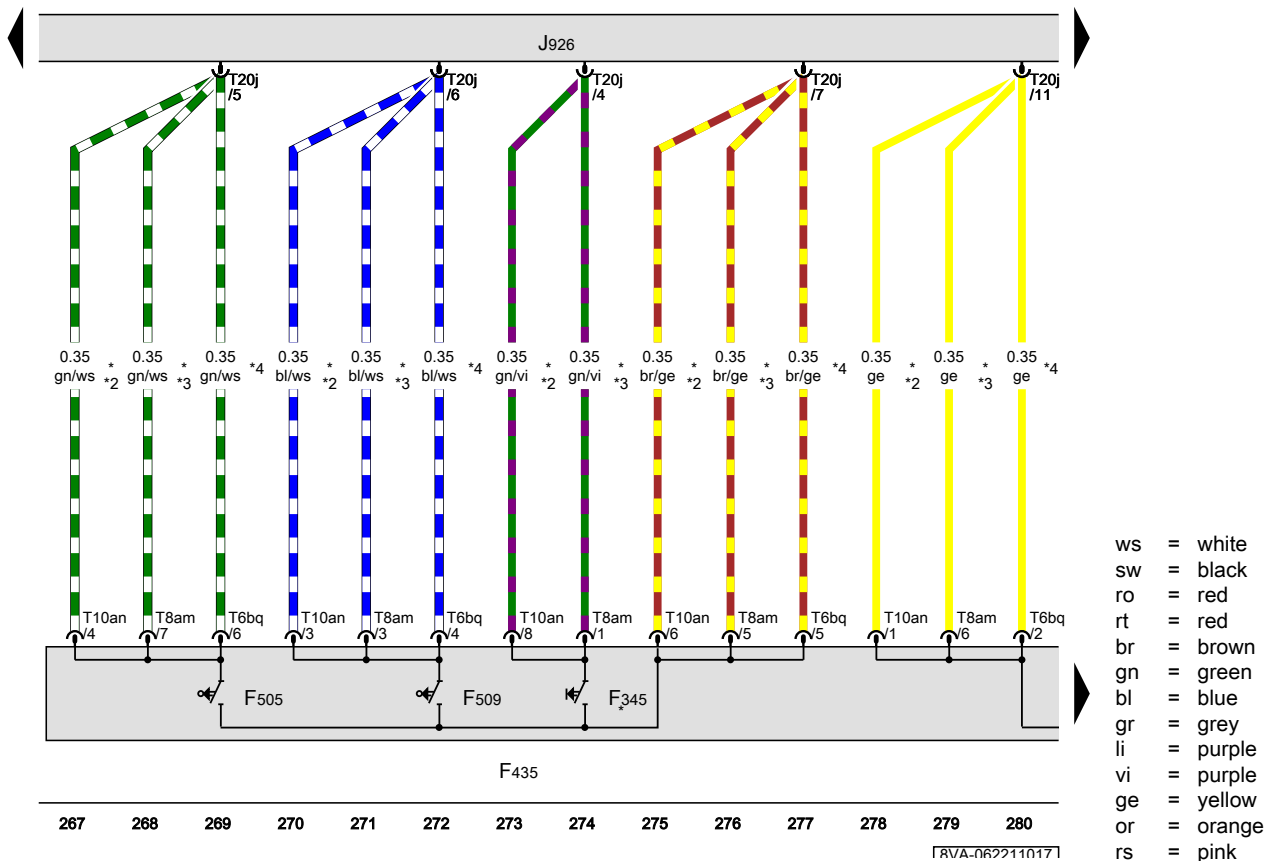
- * For models with additional lights
- *2 According to equipment
- *3 For models with no additional lights



- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

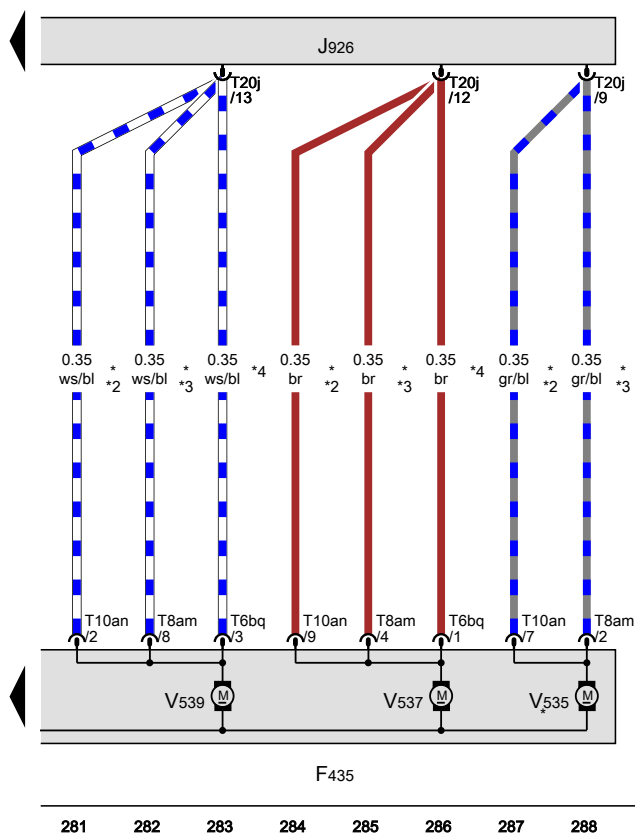
Rear driver side central locking lock unit, Rear driver side door control unit

- F345 Rear right childproof lock contact switch
- F435 Rear driver side central locking lock unit
- F505 Rear door contact switch, driver side
- F509 Rear central locking actuator, driver side
- J926 Rear driver side door control unit
- T6bq 6-pin connector
- T8am 8-pin connector
- T10an 10-pin connector
- T20j 20-pin connector
- * For models with childproof locks
- *2 Up to October 2015
- *3 From November 2015
- *4 For models with no childproof locks



Rear driver side central locking lock unit, Rear driver side door control unit

- F435 Rear driver side central locking lock unit
- J926 Rear driver side door control unit
- T6bq 6-pin connector
- T8am 8-pin connector
- T10an 10-pin connector
- T20j 20-pin connector
- V535 Rear childproof lock motor, driver side
- V537 Rear central locking SAFELOCK function motor, driver side
- V539 Rear central locking motor, driver side
- * For models with childproof locks
- *2 Up to October 2015
- *3 From November 2015
- *4 For models with no childproof locks



- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

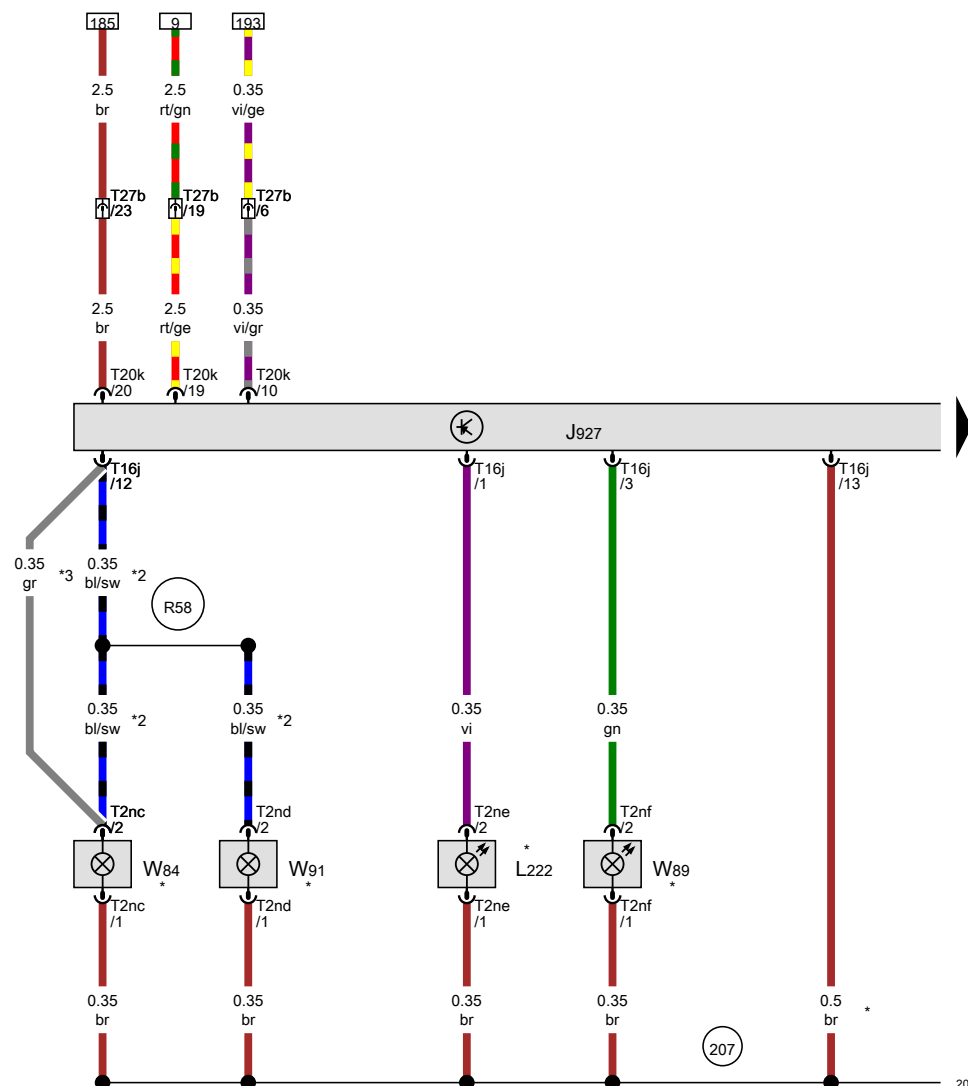
Rear passenger side door control unit, Light for rear passenger side interior door handle illumination, Rear passenger side entry light, Light for rear door background lighting, passenger side, Rear door warning lamp, passenger side

- J927 Rear passenger side door control unit
- L222 Light for rear passenger side interior door handle illumination
- T2nc 2-pin connector
- T2nd 2-pin connector
- T2ne 2-pin connector
- T2nf 2-pin connector
- T16j 16-pin connector
- T20k 20-pin connector
- T27b 27-pin connector
- W84 Rear passenger side entry light
- W89 Light for rear door background lighting, passenger side
- W91 Rear door warning lamp, passenger side

207 Earth connection, in rear left door wiring harness

R58 Connection (entry light), in rear left door wiring harness

- * For models with additional lights
- *2 Up to April 2017
- *3 From May 2017



- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = violet
- ge = yellow
- or = orange
- rs = pink

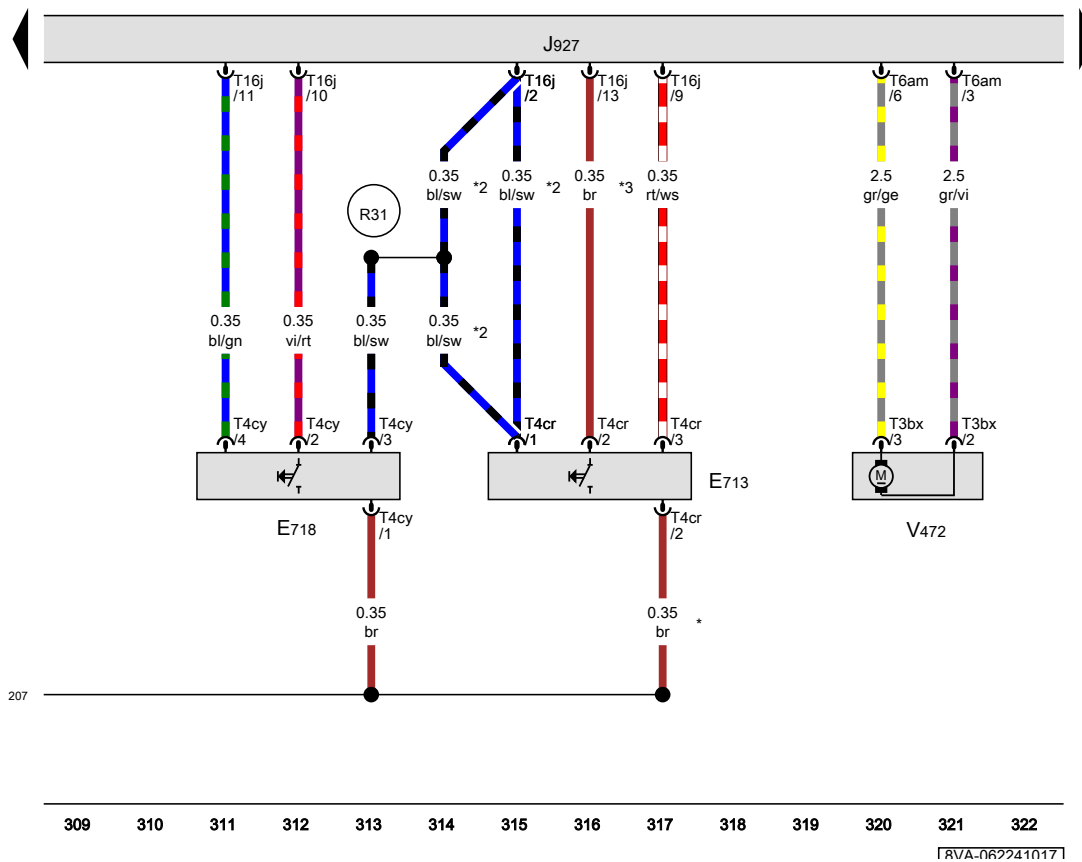
Rear passenger side window regulator button, Rear passenger side interior locking button for central locking system, Rear passenger side door control unit, Rear passenger side window regulator motor

- E713 Rear passenger side window regulator button
- E718 Rear passenger side interior locking button for central locking system
- J927 Rear passenger side door control unit
- T3bx 3-pin connector
- T4cr 4-pin connector
- T4cy 4-pin connector
- T6am 6-pin connector
- T16j 16-pin connector
- V472 Rear passenger side window regulator motor

207 Earth connection, in rear left door wiring harness

R31 Connection 1, in rear left door wiring harness

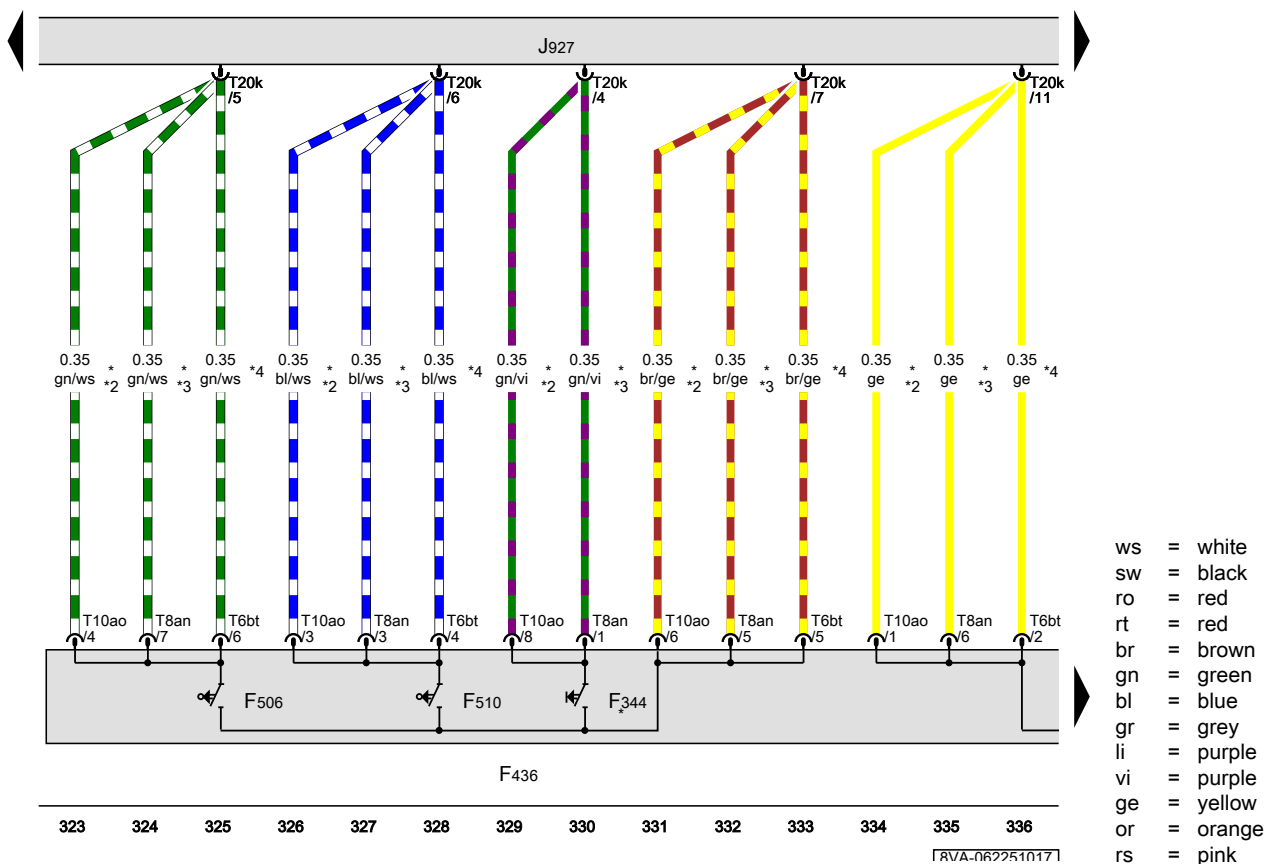
- * For models with additional lights
- *2 According to equipment
- *3 For models with no additional lights



- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

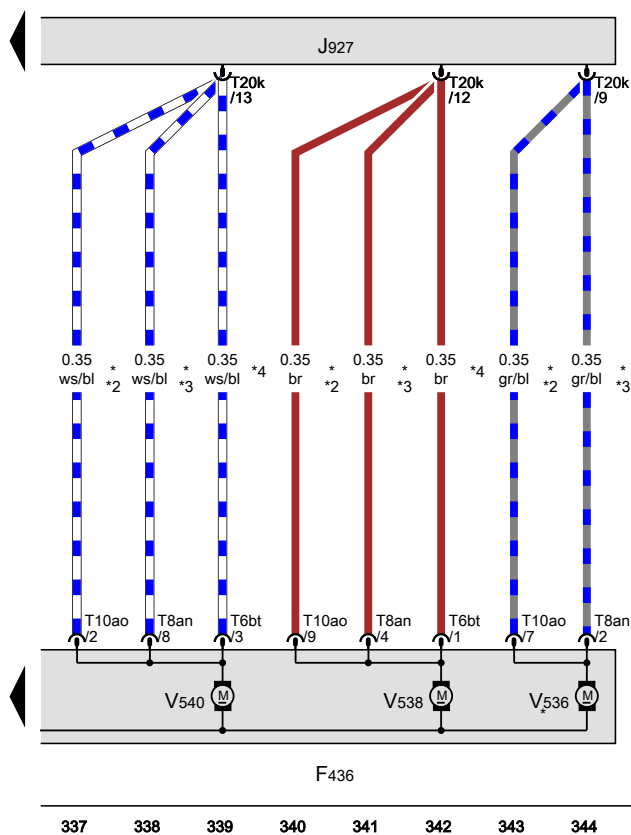
Rear passenger side central locking lock unit, Rear passenger side door control unit

- F344 Rear left childproof lock contact switch
- F436 Rear passenger side central locking lock unit
- F506 Rear door contact switch, passenger side
- F510 Rear central locking actuator, passenger side
- J927 Rear passenger side door control unit
- T6bt 6-pin connector
- T8an 8-pin connector
- T10ao 10-pin connector
- T20k 20-pin connector
- * For models with childproof locks
- *2 Up to October 2015
- *3 From November 2015
- *4 For models with no childproof locks



Rear passenger side central locking lock unit, Rear passenger side door control unit

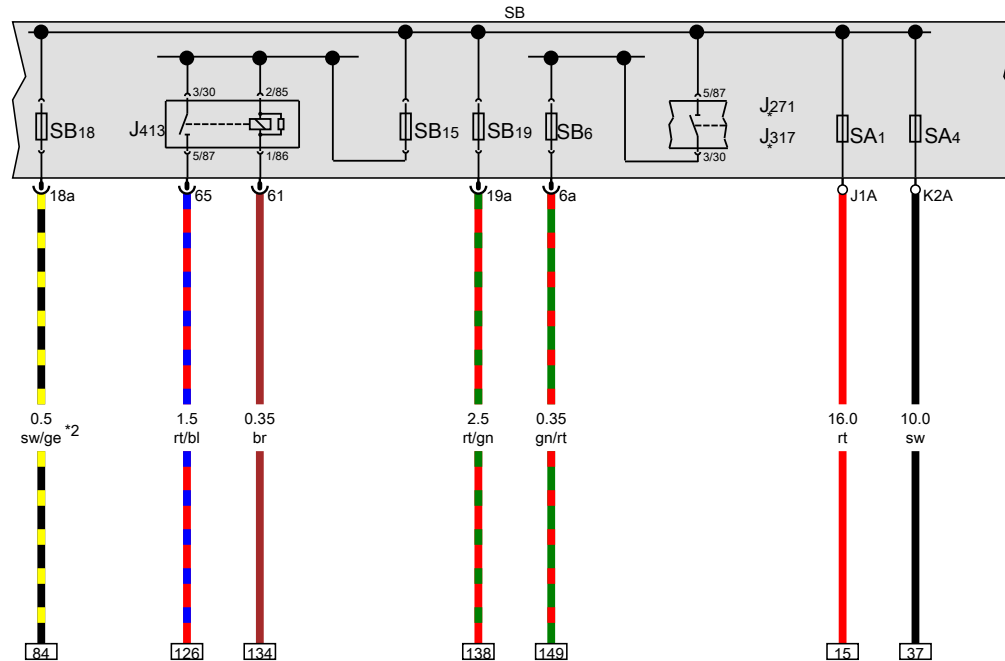
- F436 Rear passenger side central locking lock unit
- J927 Rear passenger side door control unit
- T6bt 6-pin connector
- T8an 8-pin connector
- T10ao 10-pin connector
- T20k 20-pin connector
- V536 Rear childproof lock motor, passenger side
- V538 Rear central locking SAFELOCK function motor, passenger side
- V540 Rear central locking motor, passenger side
- * For models with childproof locks
- *2 Up to October 2015
- *3 From November 2015
- *4 For models with no childproof locks



[8VA-062261017]

Basic equipment, 4-door vehicle , (L0L),(5C0)

From May 2013



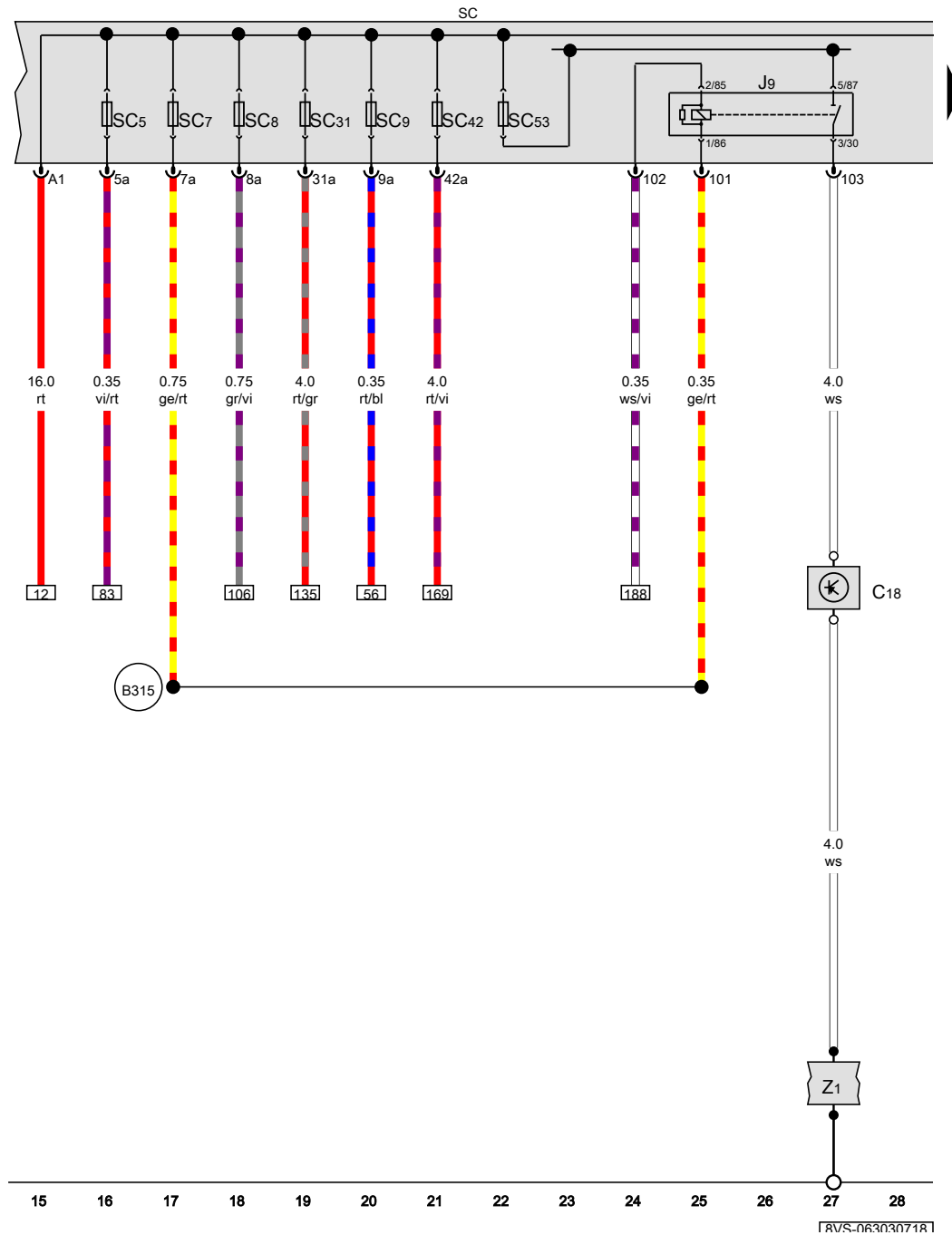
Main relay, Terminal 30 voltage supply relay, Horn relay

- J271 Main relay
- J317 Terminal 30 voltage supply relay
- J413 Horn relay
- SA1 Fuse 1 on fuse holder A
- SA4 Fuse 4 on fuse holder A
- SB Fuse holder B
- SB6 Fuse 6 on fuse holder B
- SB15 Fuse 15 on fuse holder B
- SB18 Fuse 18 on fuse holder B
- SB19 Fuse 19 on fuse holder B
- * According to equipment
- *2 For models with no start/stop system

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

1 2 3 4 5 6 7 8 9 10 11 12 13 14

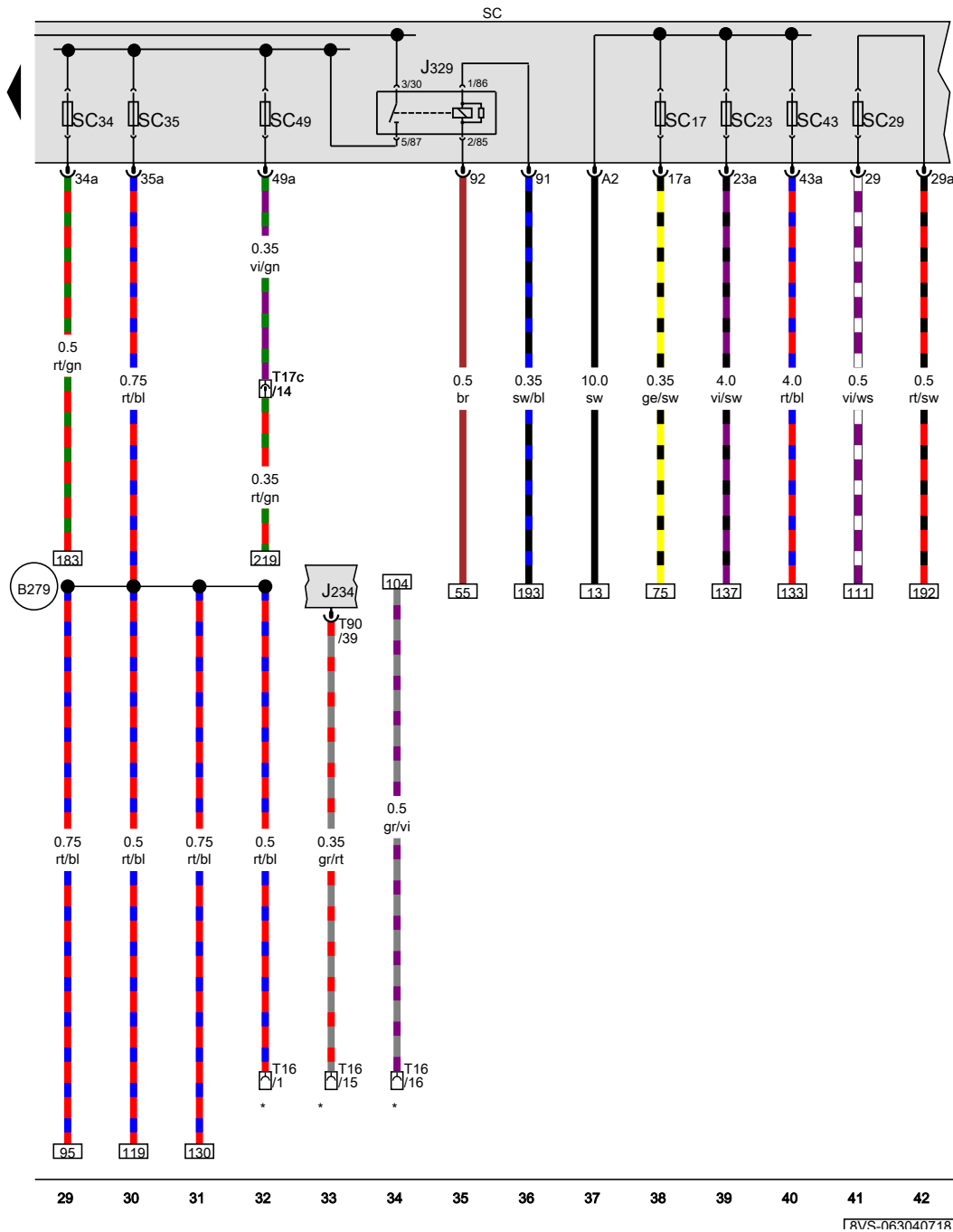
18V5-0630207181



Heated rear window relay, Fuse holder C

- C18 Window aerial suppression filter
- J9 Heated rear window relay
- SC Fuse holder C
- SC5 Fuse 5 on fuse holder C
- SC7 Fuse 7 on fuse holder C
- SC8 Fuse 8 on fuse holder C
- SC9 Fuse 9 on fuse holder C
- SC31 Fuse 31 on fuse holder C
- SC42 Fuse 42 on fuse holder C
- SC53 Fuse 53 on fuse holder C
- Z1 Heated rear window
- B315 Positive connection 1 (30a) in main wiring harness

ws = white
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 vi = purple
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Terminal 15 voltage supply relay, Fuse holder C

- J234 Airbag control unit
- J329 Terminal 15 voltage supply relay
- SC Fuse holder C
- SC17 Fuse 17 on fuse holder C
- SC23 Fuse 23 on fuse holder C
- SC29 Fuse 29 on fuse holder C
- SC34 Fuse 34 on fuse holder C
- SC35 Fuse 35 on fuse holder C
- SC43 Fuse 43 on fuse holder C
- SC49 Fuse 49 on fuse holder C
- T16 16-pin connector
- T17c 17-pin connector
- T90 90-pin connector

B279 Positive connection 3 (15a) in main wiring harness

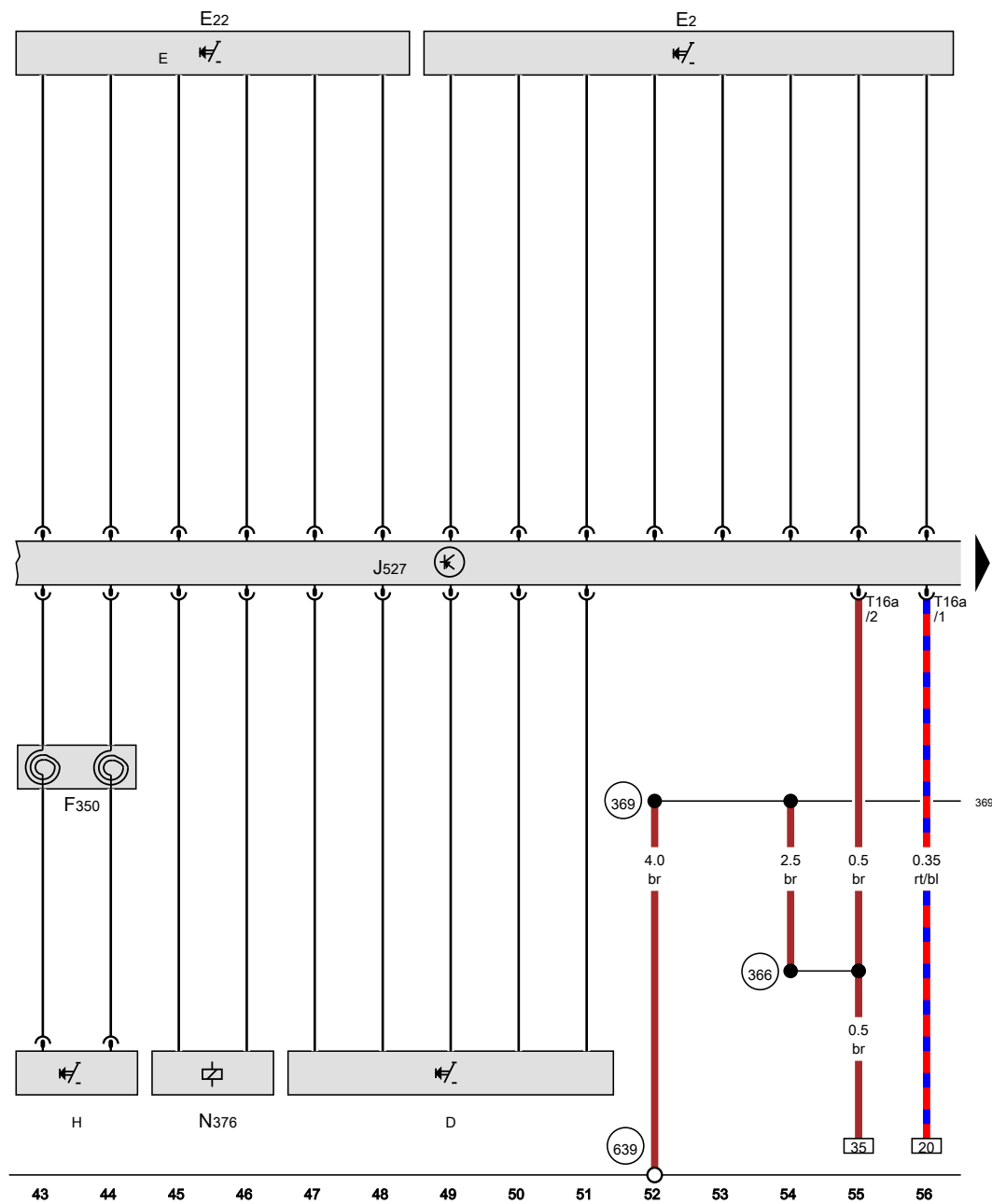
* Diagnostic connection

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- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

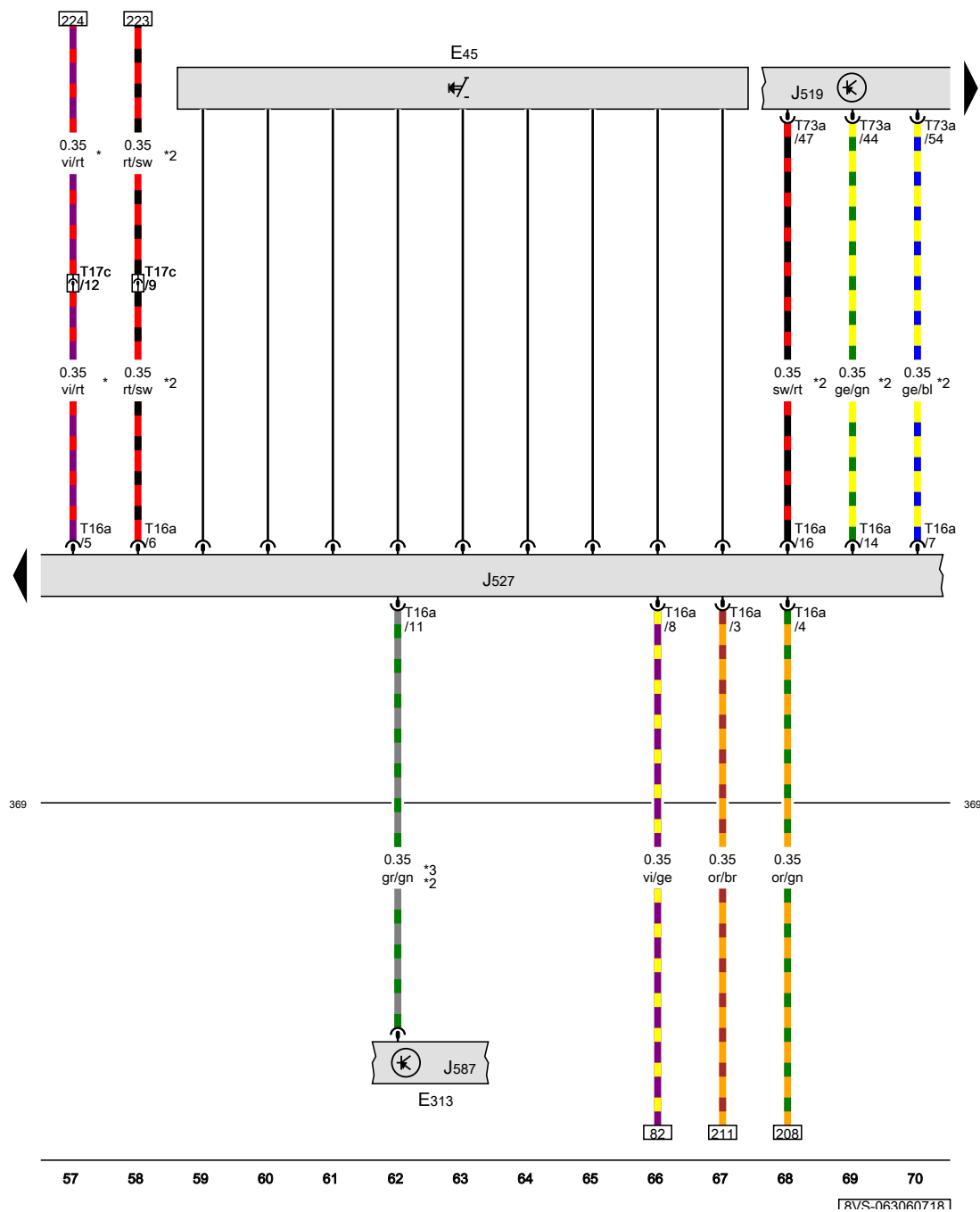
Ignition/starter switch, Windscreen wiper switch, Turn signal switch, Intermittent wiper switch, Horn plate, Steering column electronics control unit

- D Ignition/starter switch
- E Windscreen wiper switch
- E2 Turn signal switch
- E22 Intermittent wiper switch
- F350 Coil connector
- H Horn plate
- J527 Steering column electronics control unit
- N376 Ignition key withdrawal lock solenoid
- T16a 16-pin connector

- 366 Earth connection 1, in main wiring harness
- 369 Earth connection 4, in main wiring harness
- 639 Earth point, left A-pillar



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- gn = green
- bl = blue
- gr = grey
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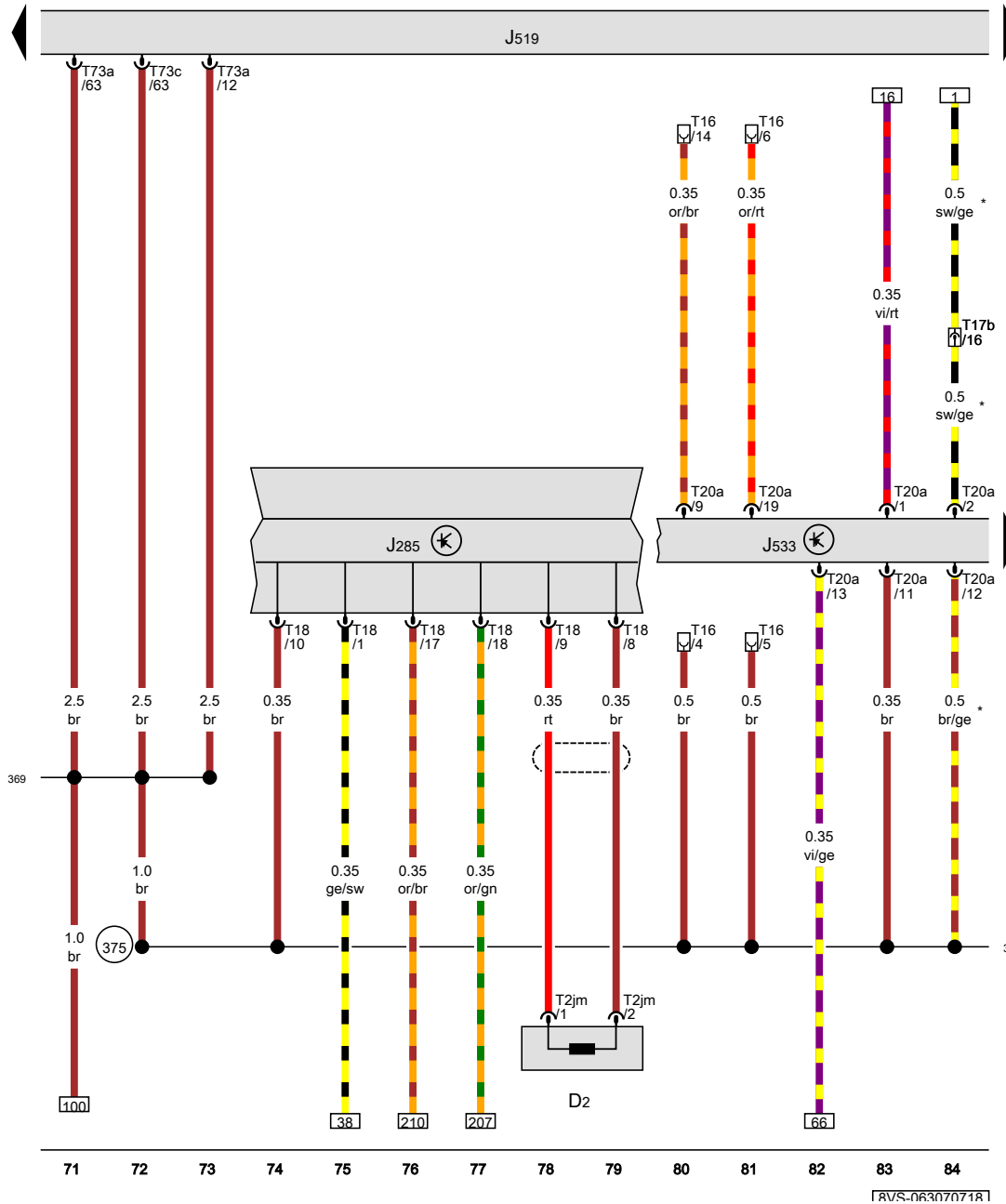
Cruise control system switch, Onboard supply control unit, Steering column electronics control unit

- E45 Cruise control system switch
- E313 Selector lever
- J519 Onboard supply control unit
- J527 Steering column electronics control unit
- J587 Selector lever sensors control unit
- T16a 16-pin connector
- T17c 17-pin connector
- T73a 73-pin connector

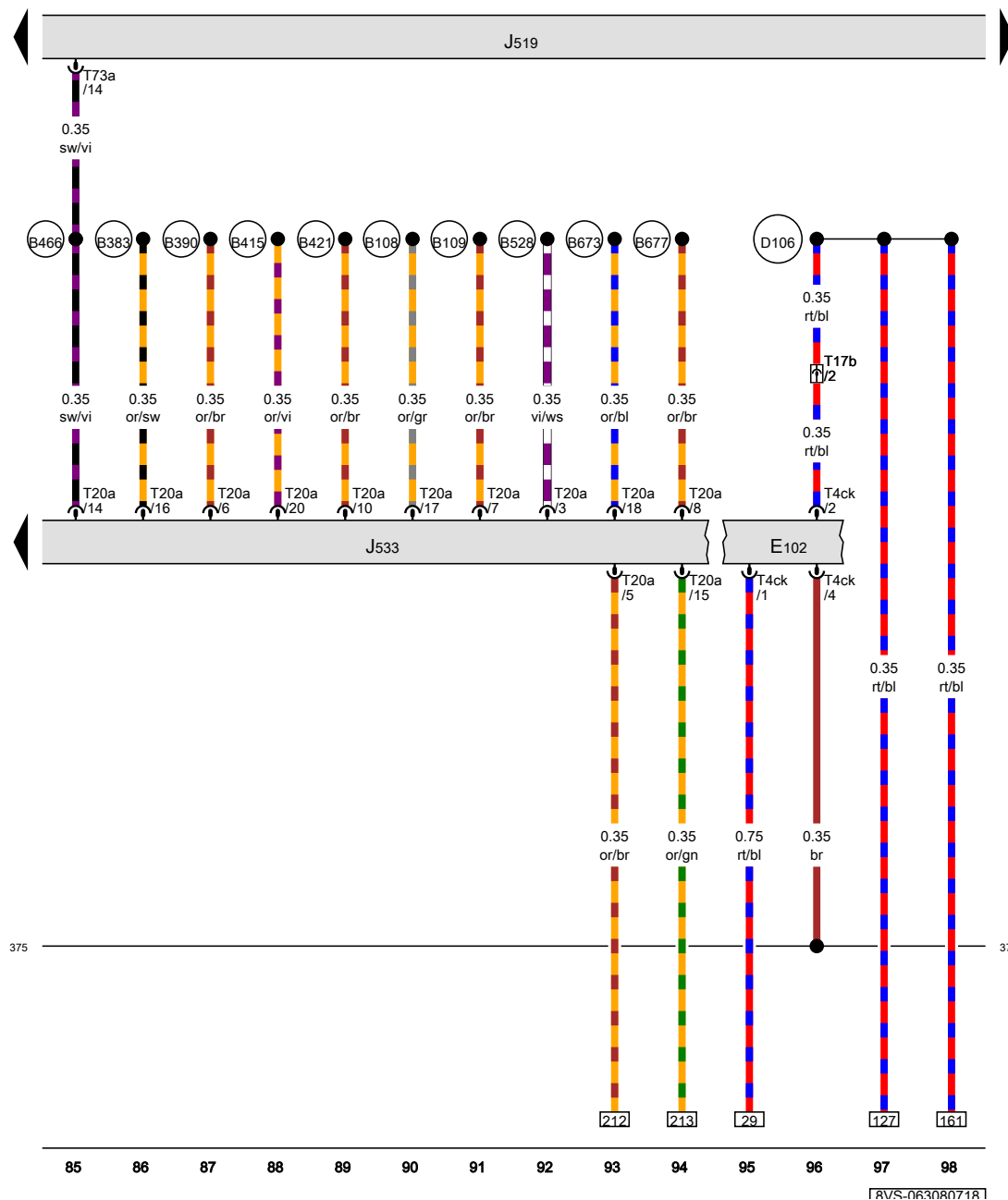
369 Earth connection 4, in main wiring harness

- * For models with cruise control system (CCS)
- *2 For models with no entry and start authorisation
- *3 see applicable current flow diagram for automatic gearbox

Control unit in dash panel insert, Onboard supply control unit, Data bus diagnostic interface



- D2 Immobiliser reader coil
- J285 Control unit in dash panel insert
- J519 Onboard supply control unit
- J533 Data bus diagnostic interface
- T2jm 2-pin connector
- T16 16-pin connector
- T17b 17-pin connector
- T18 18-pin connector
- T20a 20-pin connector
- T73a 73-pin connector
- T73c 73-pin connector
- 369 Earth connection 4, in main wiring harness
- 375 Earth connection 10, in main wiring harness
- * For models with no start/stop system



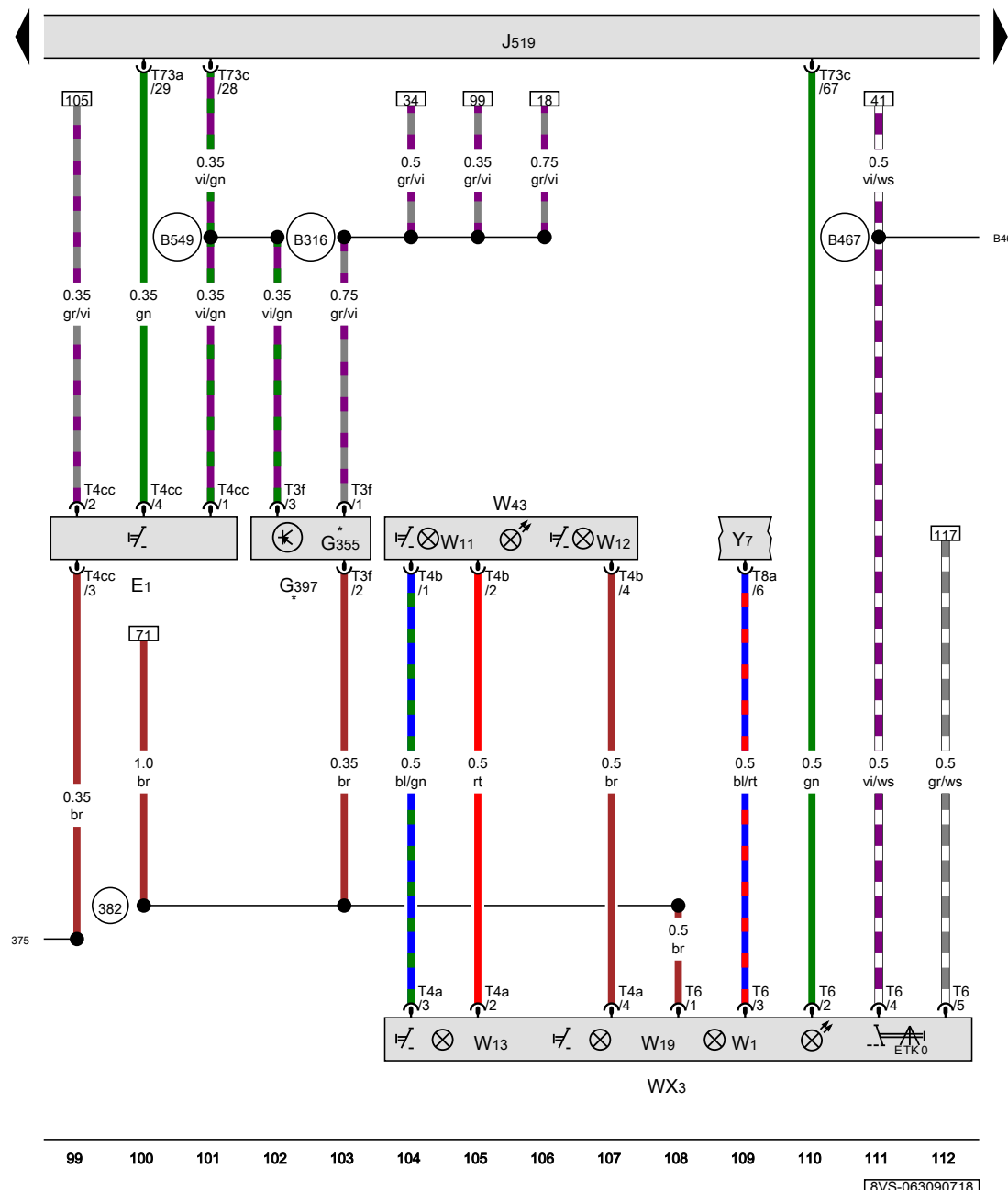
Onboard supply control unit, Data bus diagnostic interface

- E102 Headlight range control regulator
- J519 Onboard supply control unit
- J533 Data bus diagnostic interface
- T4ck 4-pin connector
- T17b 17-pin connector
- T20a 20-pin connector
- T73a 73-pin connector

- 375 Earth connection 10, in main wiring harness
- B108 Connection 1 (CAN bus extended high), in main wiring harness
- B109 Connection 1 (CAN bus extended low), in main wiring harness
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- B415 Connection 1 (infotainment CAN bus, high), in main wiring harness
- B421 Connection 1 (infotainment CAN bus, low), in main wiring harness
- B466 Connection 2, in main wiring harness
- B528 Connection 1 (LIN bus) in main wiring harness
- B673 Connection 2 (running gear/dash panel insert CAN bus, high), in main wiring harness
- B677 Connection 2 (running gear/dash panel insert CAN bus, low), in main wiring harness
- D106 Connection 4 in engine compartment wiring harness

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Light switch, Rain and light sensor, Onboard supply control unit, Front roof module, Rear interior light

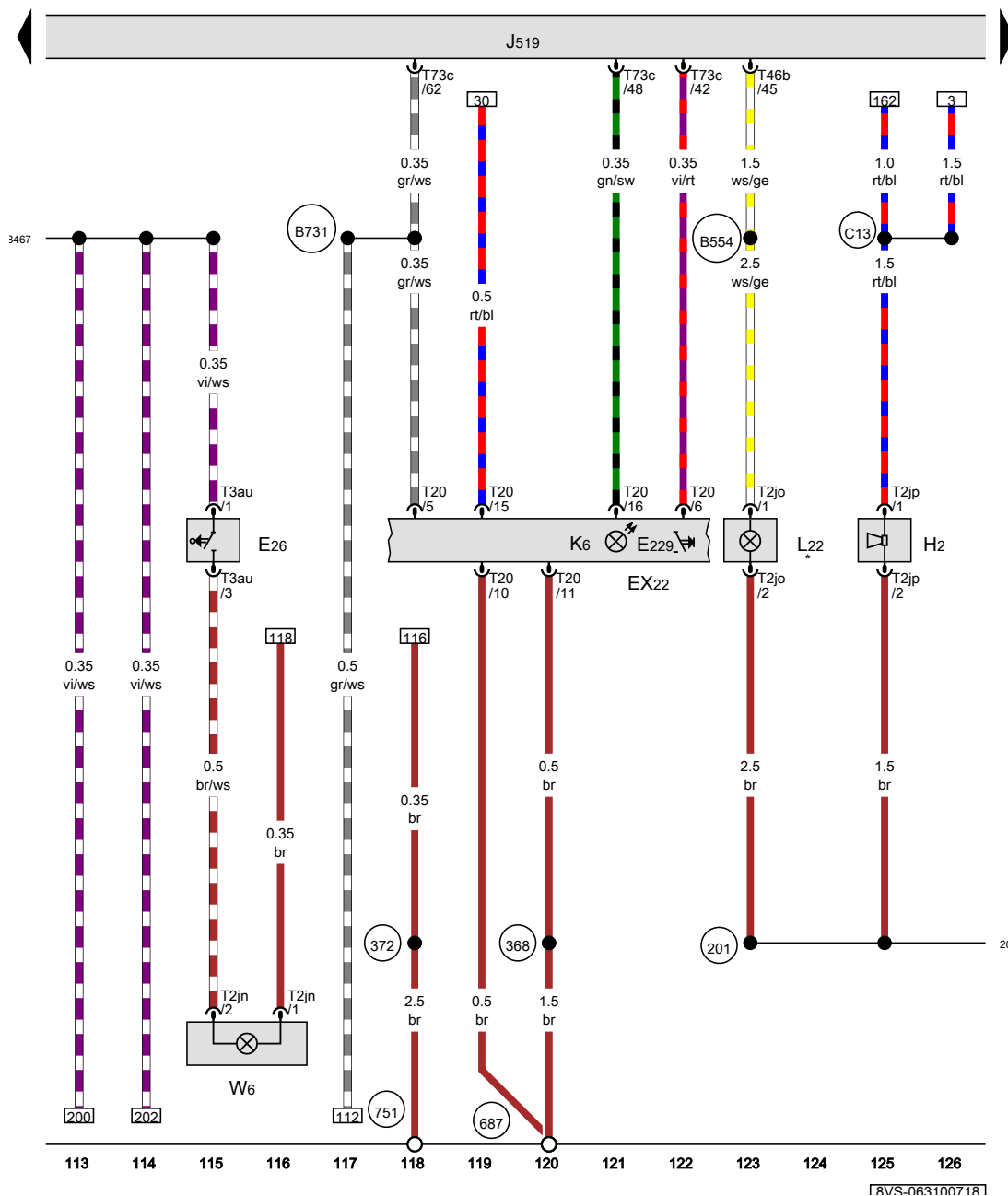


- E1 Light switch
- G355 Humidity sender
- G397 Rain and light sensor
- J519 Onboard supply control unit
- T3f 3-pin connector
- T4a 4-pin connector
- T4b 4-pin connector
- T4cc 4-pin connector
- T6 6-pin connector
- T8a 8-pin connector
- T73a 73-pin connector
- T73c 73-pin connector
- W1 Front interior light
- WX3 Front roof module
- W11 Rear left reading light
- W12 Rear right reading light
- W13 Front passenger reading light
- W19 Driver side reading light
- W43 Rear interior light
- Y7 Automatic anti-dazzle interior mirror

- 375 Earth connection 10, in main wiring harness
- 382 Earth connection 17, in main wiring harness
- B316 Positive connection 2 (30a) in main wiring harness
- B467 Connection 3, in main wiring harness
- B549 Connection 2 (LIN bus) in main wiring harness

* According to equipment

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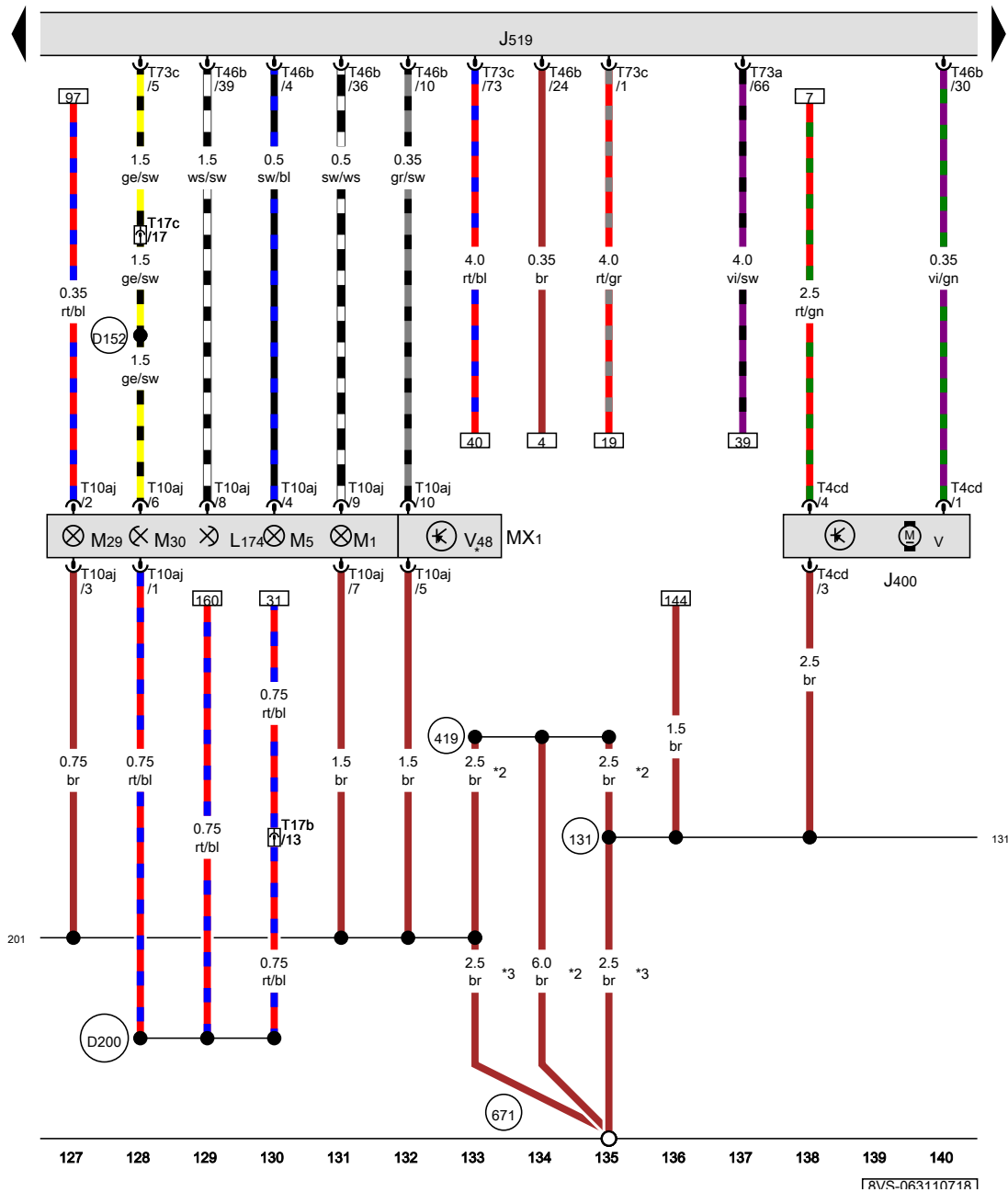


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Centre switch module in dash panel, Glove compartment light switch, Hazard warning lights button, Treble horn, Onboard supply control unit, Left fog light bulb, Glove compartment light

- EX22 Centre switch module in dash panel
- E26 Glove compartment light switch
- E229 Hazard warning lights button
- H2 Treble horn
- J519 Onboard supply control unit
- K6 Indicator lamp for hazard warning light
- L22 Left fog light bulb
- T2jn 2-pin connector
- T2jo 2-pin connector
- T2jp 2-pin connector
- T3au 3-pin connector
- T20 20-pin connector
- T46b 46-pin connector
- T73c 73-pin connector
- W6 Glove compartment light

- 201 Earth connection 5, in engine compartment wiring harness
- 368 Earth connection 3, in main wiring harness
- 372 Earth connection 7, in main wiring harness
- 687 Earth point 1, on centre tunnel
- 751 Earth point 2, on right A-pillar
- B467 Connection 3, in main wiring harness
- B554 Connection (fog light), in main wiring harness
- B731 Connection 1 (58s), in main wiring harness
- C13 Positive connection in dual tone horn wiring harness
- * For models with fog lights

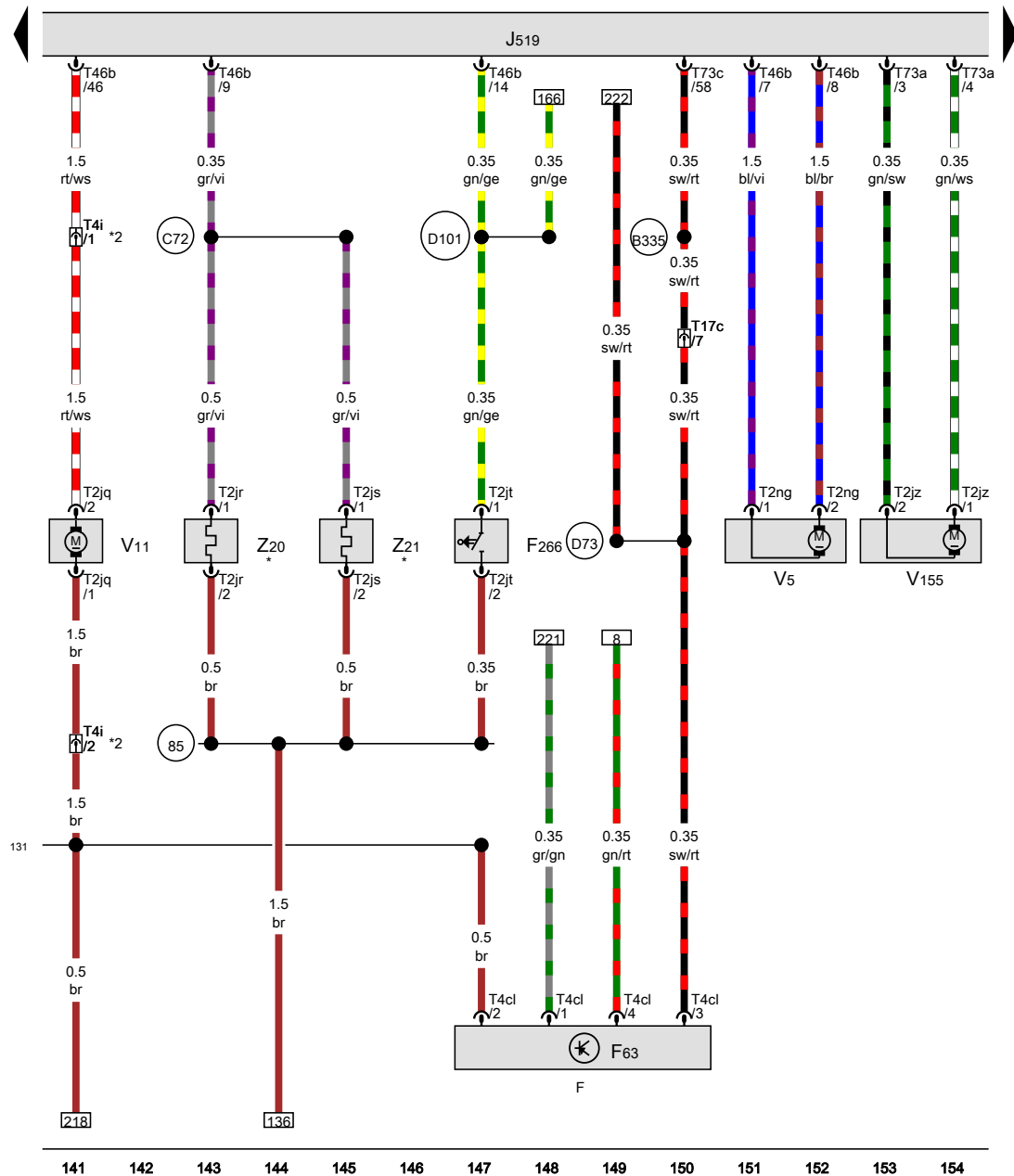


Wiper motor control unit, Onboard supply control unit, Left daytime running light bulb, Left side light bulb, Front left headlight, Front left turn signal bulb, Left headlight dipped beam bulb, Left headlight main beam bulb, Windscreen wiper motor, Left headlight range control motor

- J400 Wiper motor control unit
- J519 Onboard supply control unit
- L174 Left daytime running light bulb
- M1 Left side light bulb
- MX1 Front left headlight
- M5 Front left turn signal bulb
- M29 Left headlight dipped beam bulb
- M30 Left headlight main beam bulb
- T4cd 4-pin connector
- T10aj 10-pin connector
- T17b 17-pin connector
- T17c 17-pin connector
- T46b 46-pin connector
- T73a 73-pin connector
- T73c 73-pin connector
- V Windscreen wiper motor
- V48 Left headlight range control motor

- 131 Earth connection 2, in engine compartment wiring harness
- 201 Earth connection 5, in engine compartment wiring harness
- 419 Earth connection 11, in engine compartment wiring harness
- 671 Earth point 1, on front of left longitudinal member
- D152 Positive connection 1 (56b), in engine compartment wiring harness
- D200 Positive connection 3 (15a), in engine compartment wiring harness

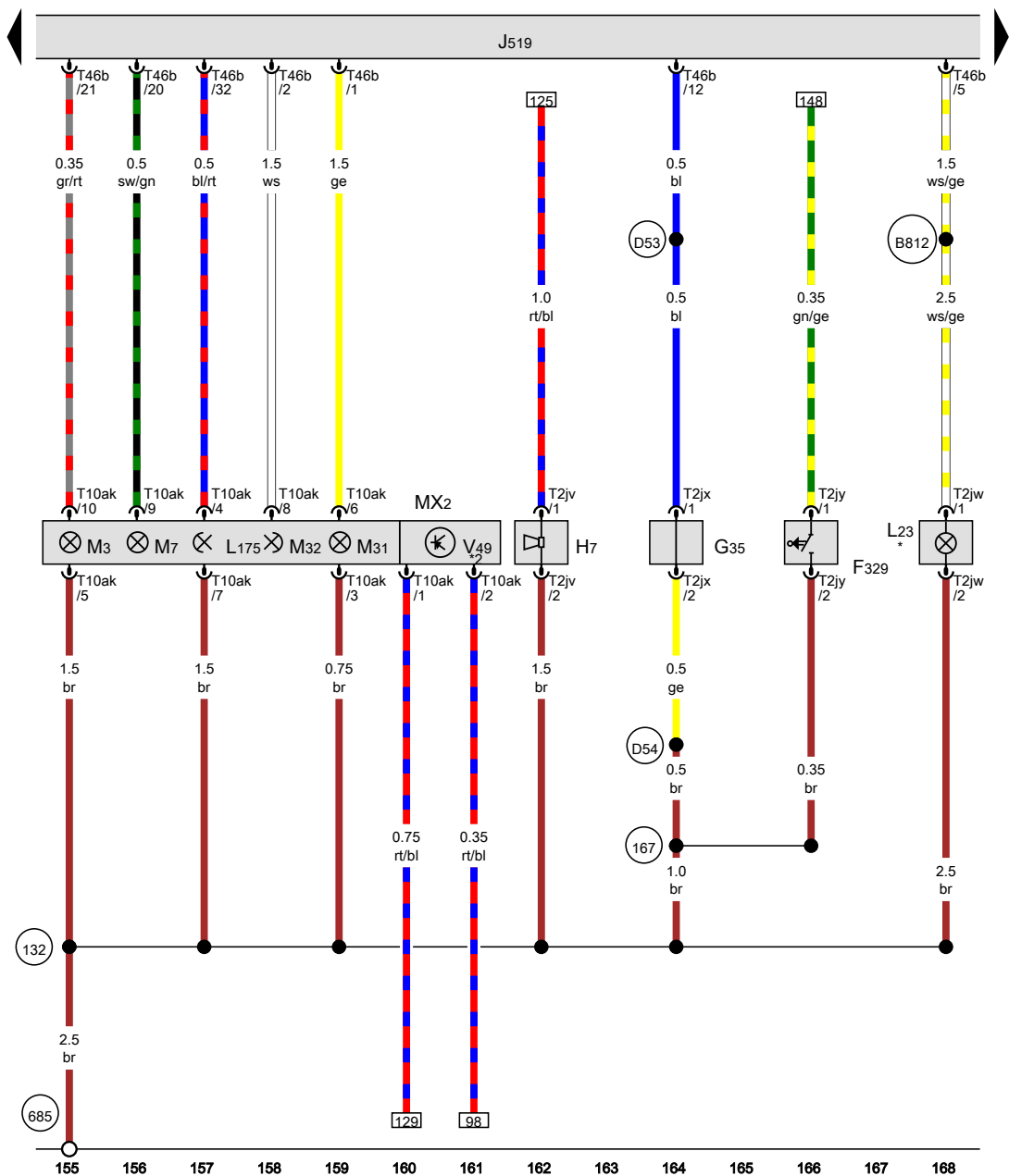
- * For models with headlight range control
- *2 gradual introduction
- *3 Gradually discontinued



Brake light switch, Bonnet contact switch, Onboard supply control unit, Washer pump, Headlight washer system pump, Tank filler flap locking motor, Left washer jet heater element, Right washer jet heater element

- F Brake light switch
- F63 Brake pedal switch
- F266 Bonnet contact switch
- J519 Onboard supply control unit
- T2jq 2-pin connector
- T2jr 2-pin connector
- T2js 2-pin connector
- T2jt 2-pin connector
- T2jz 2-pin connector
- T2ng 2-pin connector
- T4cl 4-pin connector
- T4i 4-pin connector
- T17c 17-pin connector
- T46b 46-pin connector
- T73a 73-pin connector
- T73c 73-pin connector
- V5 Washer pump
- V11 Headlight washer system pump
- V155 Tank filler flap locking motor
- Z20 Left washer jet heater element
- Z21 Right washer jet heater element
- 85 Earth connection 1, in engine compartment wiring harness
- 131 Earth connection 2, in engine compartment wiring harness
- B335 Connection 1 (54), in main wiring harness
- C72 Positive connection in heated washer jet wiring harness
- D73 Positive connection (54), in engine compartment wiring harness
- D101 Connection 1 in engine compartment wiring harness
- * For models with heater element for washer jets
- *2 According to equipment

ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

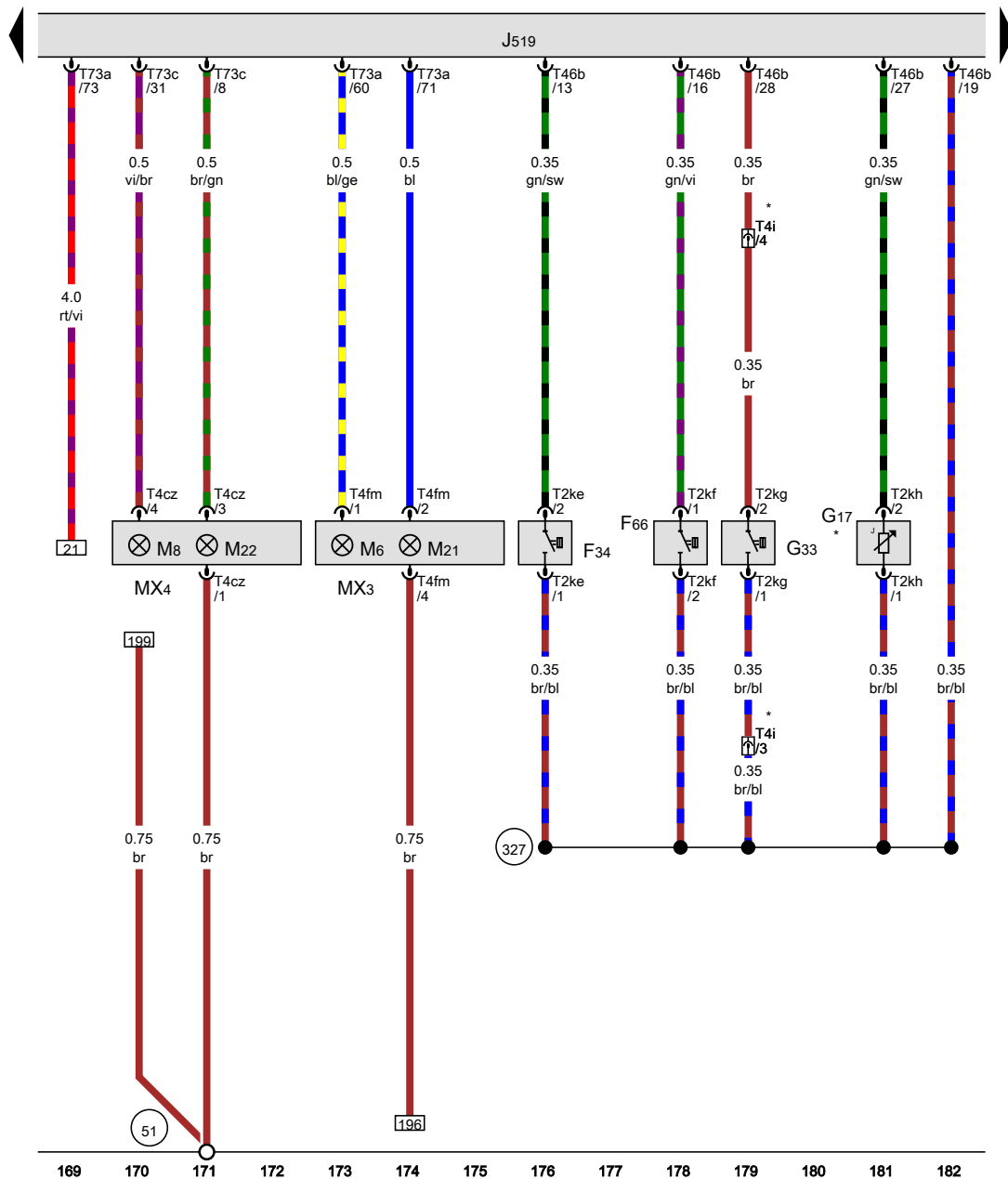


ws = white
 sw = black
 ro = red
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Bonnet contact switch 2, Front right brake pad wear sender, Bass horn, Onboard supply control unit, Right fog light bulb, Right daytime running light bulb, Front right headlight, Right side light bulb, Front right turn signal bulb, Right headlight dipped beam bulb, Right headlight main beam bulb, Right headlight range control motor

- F329 Bonnet contact switch 2
- G35 Front right brake pad wear sender
- H7 Bass horn
- J519 Onboard supply control unit
- L23 Right fog light bulb
- L175 Right daytime running light bulb
- MX2 Front right headlight
- M3 Right side light bulb
- M7 Front right turn signal bulb
- M31 Right headlight dipped beam bulb
- M32 Right headlight main beam bulb
- T2jv 2-pin connector
- T2jw 2-pin connector
- T2jx 2-pin connector
- T2jy 2-pin connector
- T10ak 10-pin connector
- T46b 46-pin connector
- V49 Right headlight range control motor

- 132 Earth connection 3, in engine compartment wiring harness
- 167 Earth connection 4, in engine compartment wiring harness
- 685 Earth point 1, on front of right longitudinal member
- B812 Connection 2 (fog light), in main wiring harness
- D53 Connection (right brake wear indicator), in engine compartment wiring harness
- D54 Connection (right brake wear indicator), in engine compartment wiring harness
- * For models with fog lights
- *2 For models with headlight range control



Brake fluid level warning contact, Coolant shortage indicator switch, Ambient temperature sensor, Windscreen washer fluid level sender, Onboard supply control unit, Rear left turn signal bulb, Rear right turn signal bulb, Left brake and tail light bulb, Right brake and tail light bulb

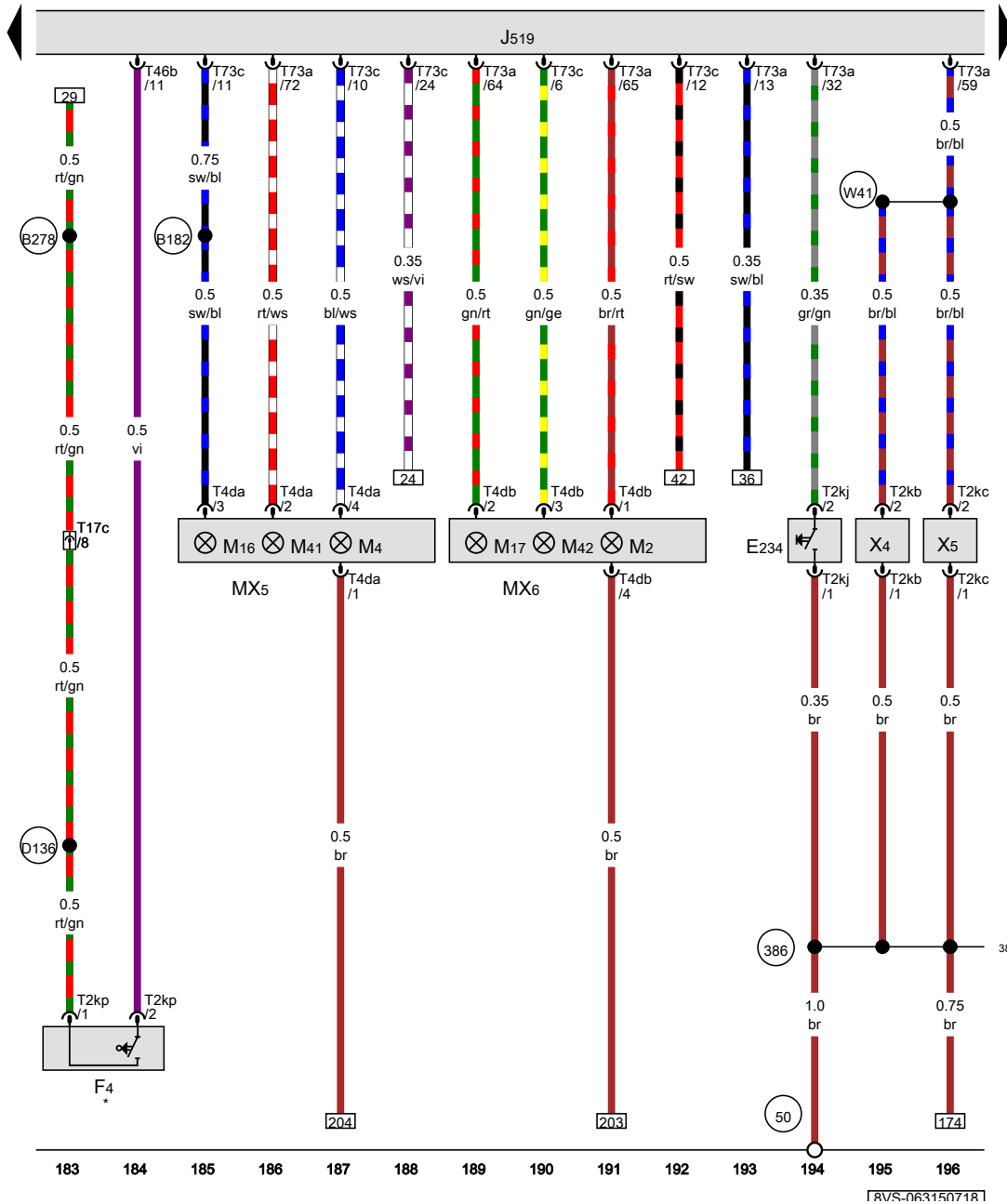
- F34 Brake fluid level warning contact
- F66 Coolant shortage indicator switch
- G17 Ambient temperature sensor
- G33 Windscreen washer fluid level sender
- J519 Onboard supply control unit
- MX3 Left tail light
- MX4 Right tail light
- M6 Rear left turn signal bulb
- M8 Rear right turn signal bulb
- M21 Left brake and tail light bulb
- M22 Right brake and tail light bulb
- T2ke 2-pin connector
- T2kf 2-pin connector
- T2kg 2-pin connector
- T2kh 2-pin connector
- T4cz 4-pin connector
- T4fm 4-pin connector
- T4i 4-pin connector
- T46b 46-pin connector
- T73a 73-pin connector
- T73c 73-pin connector

51 Earth point, on right in luggage compartment

327 Earth connection (sender earth), in engine compartment wiring harness

* According to equipment

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- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

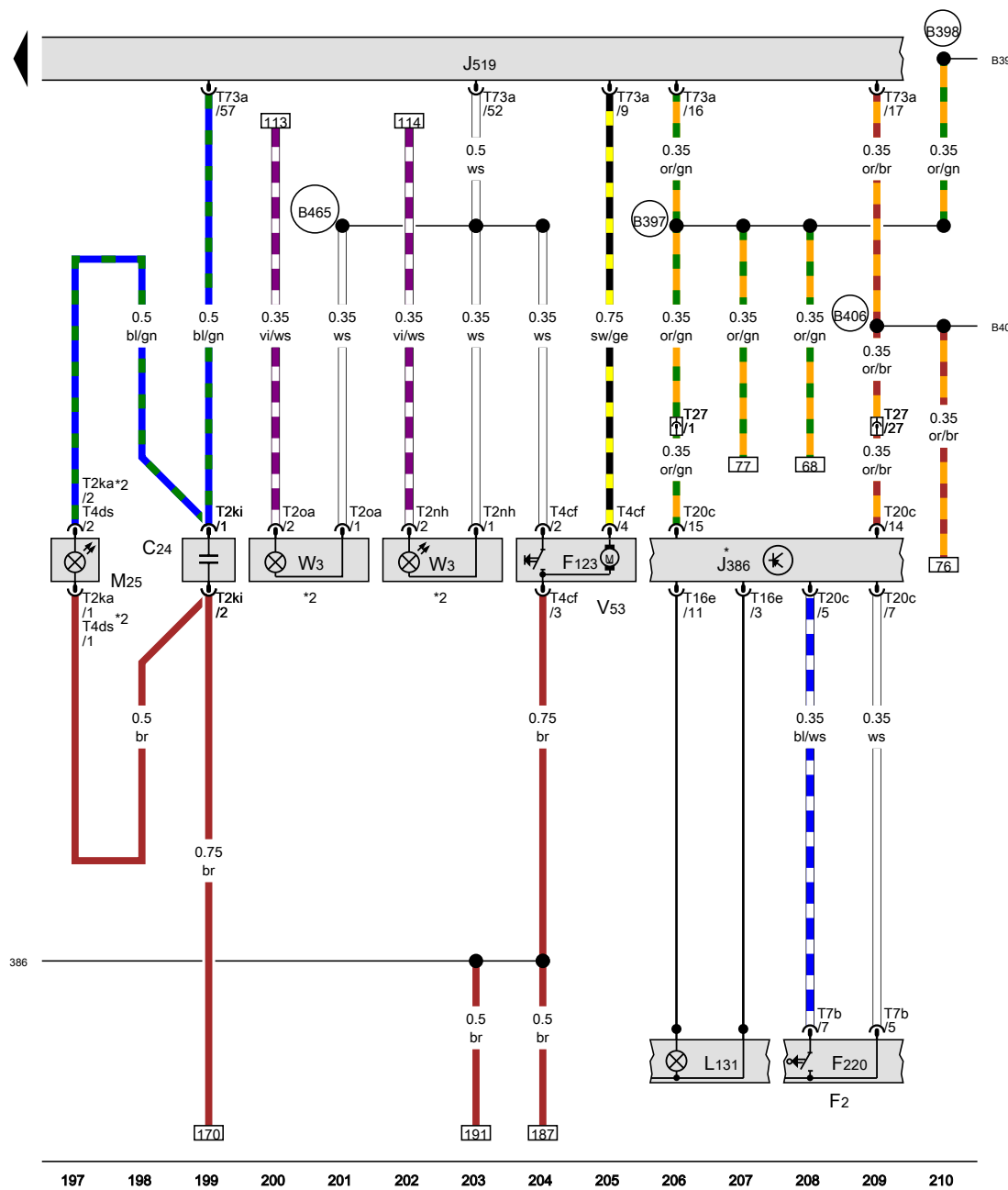


Rear lid handle release button, Reversing light switch, Onboard supply control unit, Right tail light bulb, Left tail light bulb, Left reversing light bulb, Right reversing light bulb, Left tail light and rear fog light bulb, Right tail light and rear fog light bulb

- E234 Rear lid handle release button
- F4 Reversing light switch
- J519 Onboard supply control unit
- M2 Right tail light bulb
- M4 Left tail light bulb
- MX5 Left tail light 2
- MX6 Right tail light 2
- M16 Left reversing light bulb
- M17 Right reversing light bulb
- M41 Left tail light and rear fog light bulb
- M42 Right tail light and rear fog light bulb
- T2kb 2-pin connector
- T2kc 2-pin connector
- T2kj 2-pin connector
- T2kp 2-pin connector
- T4da 4-pin connector
- T4db 4-pin connector
- T17c 17-pin connector
- T46b 46-pin connector
- T73a 73-pin connector
- T73c 73-pin connector
- X4 Left number plate light
- X5 Right number plate light

- 50 Earth point, on left in luggage compartment
- 386 Earth connection 21, in main wiring harness
- B182 Connection (RL), in interior wiring harness
- B278 Positive connection 2 (15a) in main wiring harness
- D136 Positive connection 2 (15a), in engine compartment wiring harness
- W41 Positive connection (58), in number plate lights wiring harness
- * For models with manual gearbox

ws = white
ro = black
rt = red
br = brown
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bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink



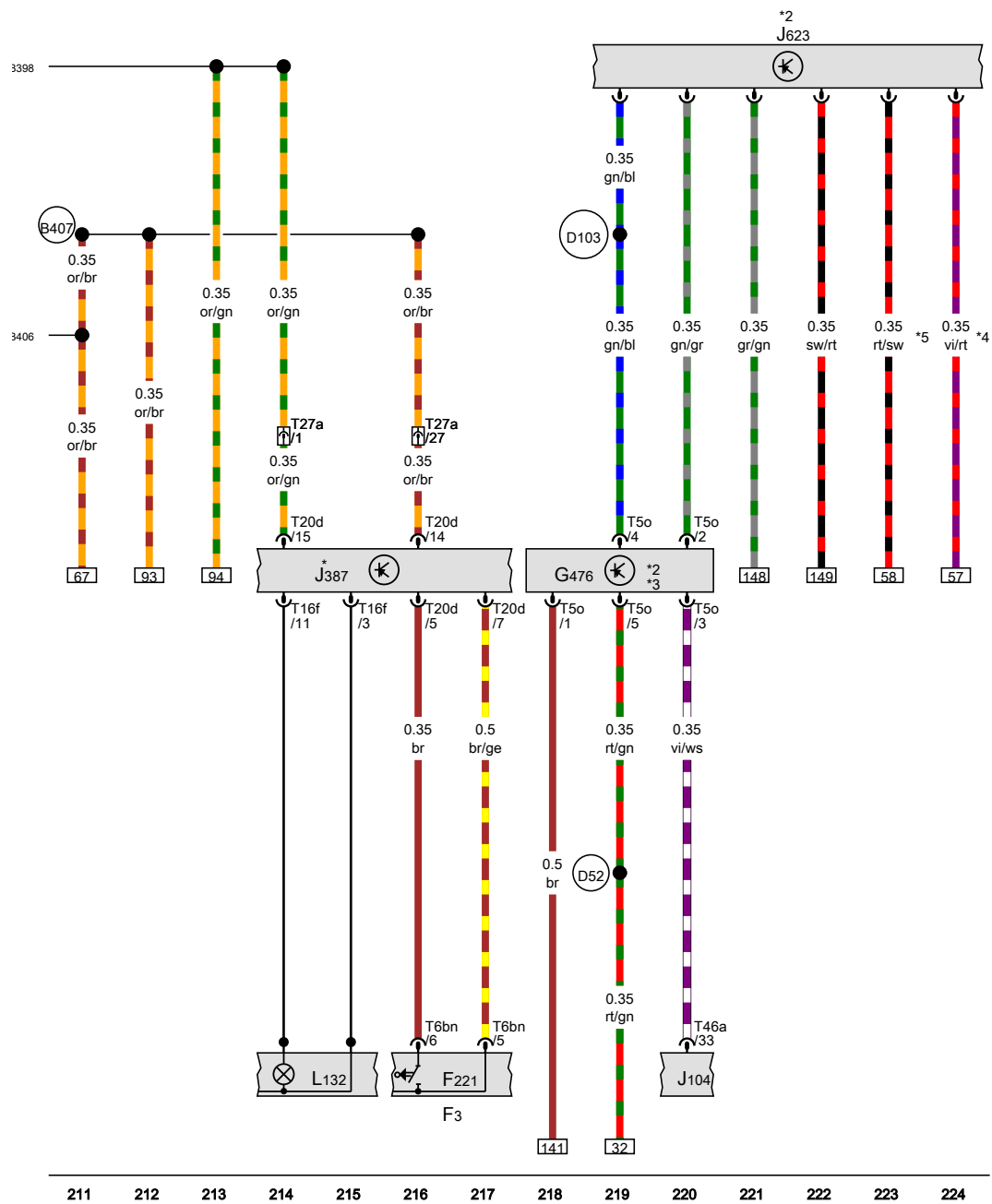
Rear lid contact switch for anti-theft alarm, Driver side central locking lock unit, Driver door control unit, Onboard supply control unit, Driver side turn signal repeater bulb, High-level brake light bulb, Rear lid central locking motor

- C24 Suppression filter
- F2 Driver door contact switch
- F123 Rear lid contact switch for anti-theft alarm
- F220 Driver side central locking lock unit
- J386 Driver door control unit
- J519 Onboard supply control unit
- L131 Driver side turn signal repeater bulb
- M25 High-level brake light bulb
- T2ka 2-pin connector
- T2ki 2-pin connector
- T2nh 2-pin connector
- T2oa 2-pin connector
- T4cf 4-pin connector
- T7b 7-pin connector
- T16e 16-pin connector
- T20c 20-pin connector
- T27 27-pin connector, on left A-pillar
- T73a 73-pin connector
- V53 Rear lid central locking motor
- W3 Luggage compartment light

- 386 Earth connection 21, in main wiring harness
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- B465 Connection 1, in main wiring harness

* see applicable current flow diagram for convenience system
 *2 According to equipment

ws = white
 sw = black
 ro = red
 rt = red
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 gn = green
 bl = blue
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 vi = purple
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Front passenger side central locking lock unit, Front passenger door control unit, Front passenger side turn signal repeater bulb

- F3 Front passenger door contact switch
- F221 Front passenger side central locking lock unit
- G476 Clutch position sender
- J104 ABS control unit
- J387 Front passenger door control unit
- J623 Engine/motor control unit
- L132 Front passenger side turn signal repeater bulb
- T5o 5-pin connector
- T6bn 6-pin connector
- T16f 16-pin connector
- T20d 20-pin connector
- T27a 27-pin connector, in right A-pillar, on right A-pillar
- T46a 46-pin connector

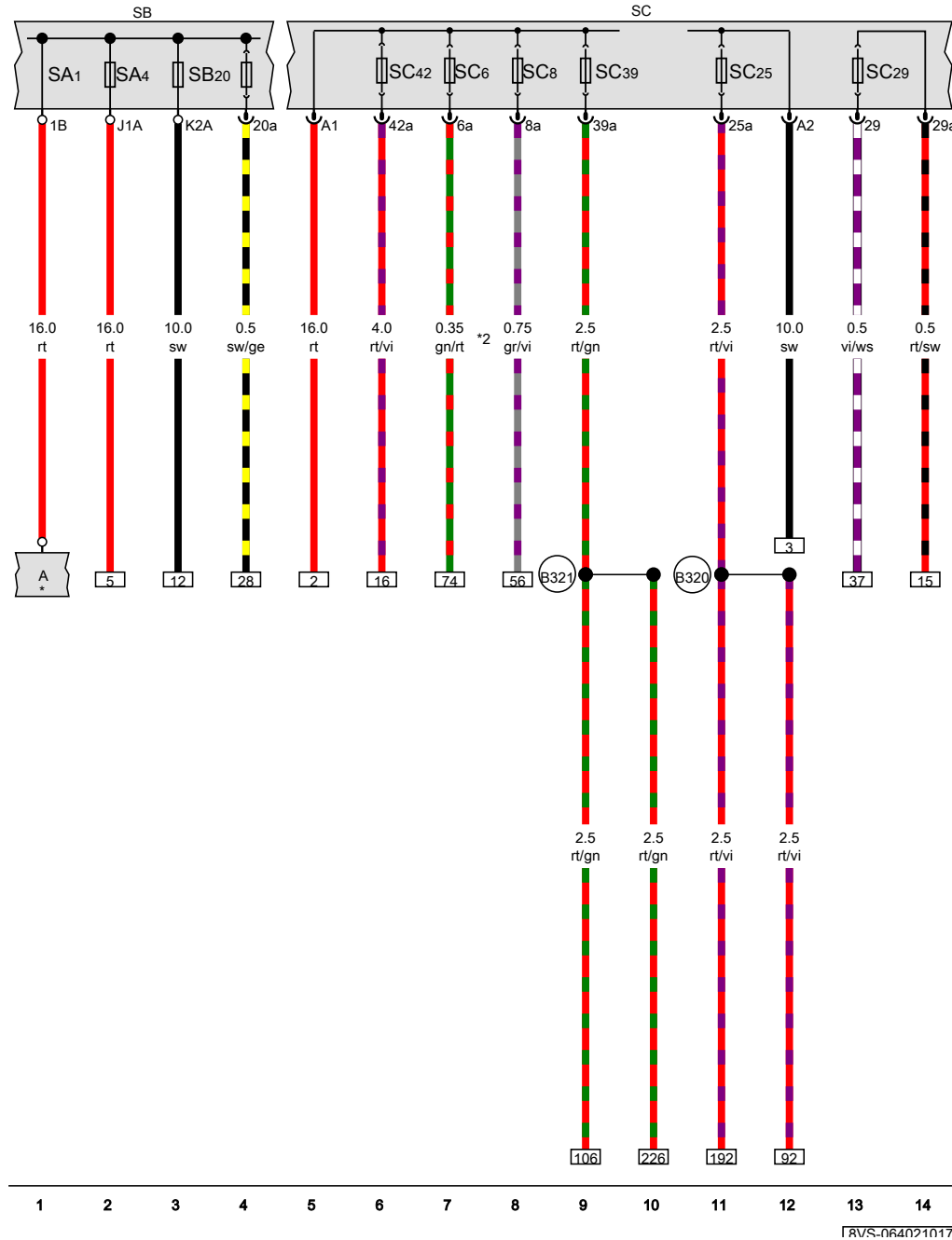
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness
- D52 Positive connection (15a), in engine compartment wiring harness
- D103 Connection 3 in engine compartment wiring harness

- * see applicable current flow diagram for convenience system
- *2 see applicable current flow diagram for engine
- *3 For models with manual gearbox
- *4 For models with cruise control system (CCS)
- *5 For models with no entry and start authorisation

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- vi = purple
- ge = yellow
- or = orange
- rs = pink

Convenience system, 4-door vehicle , (L0L),(4H0),(4H3)

From May 2013

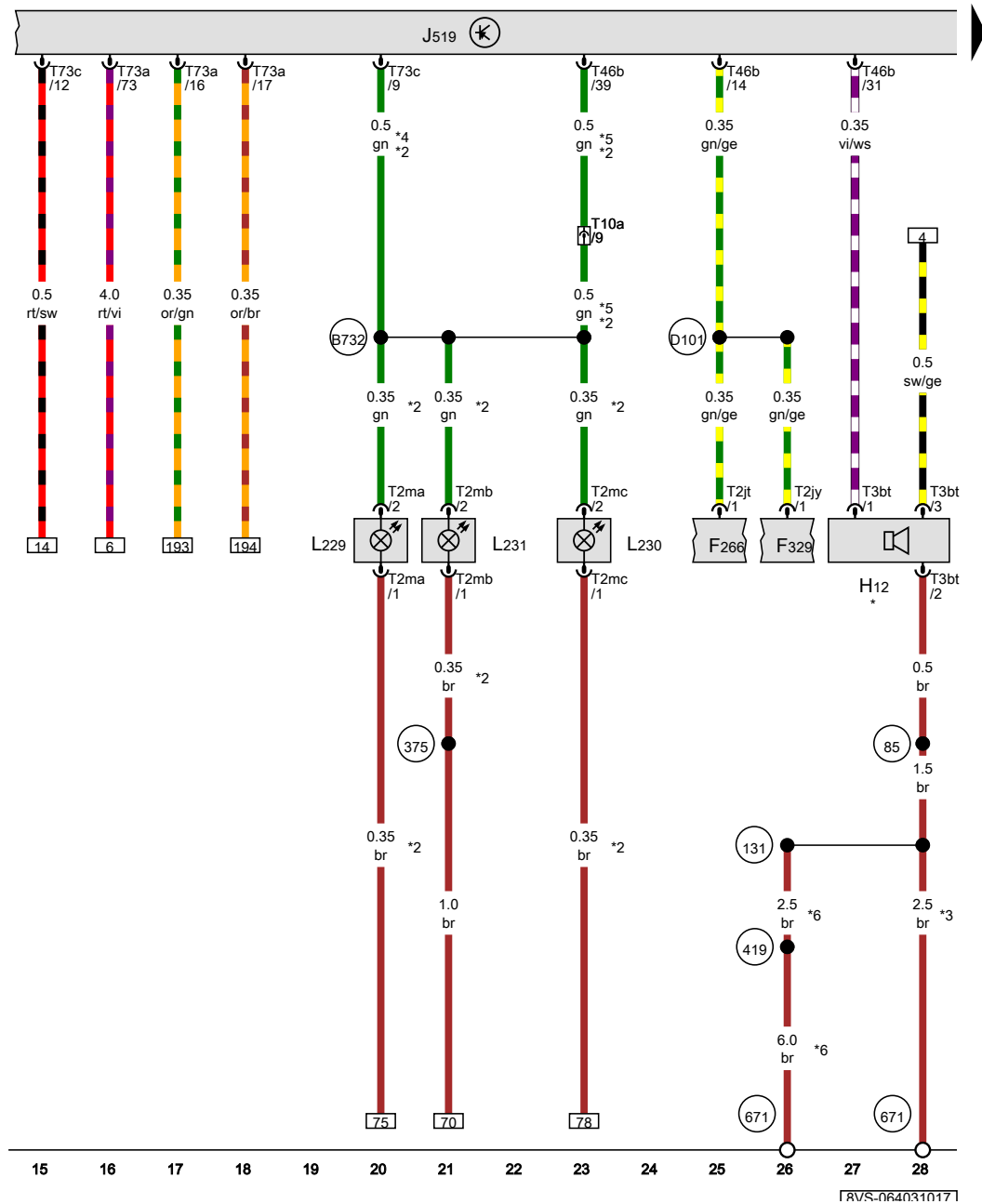


Fuse holder C

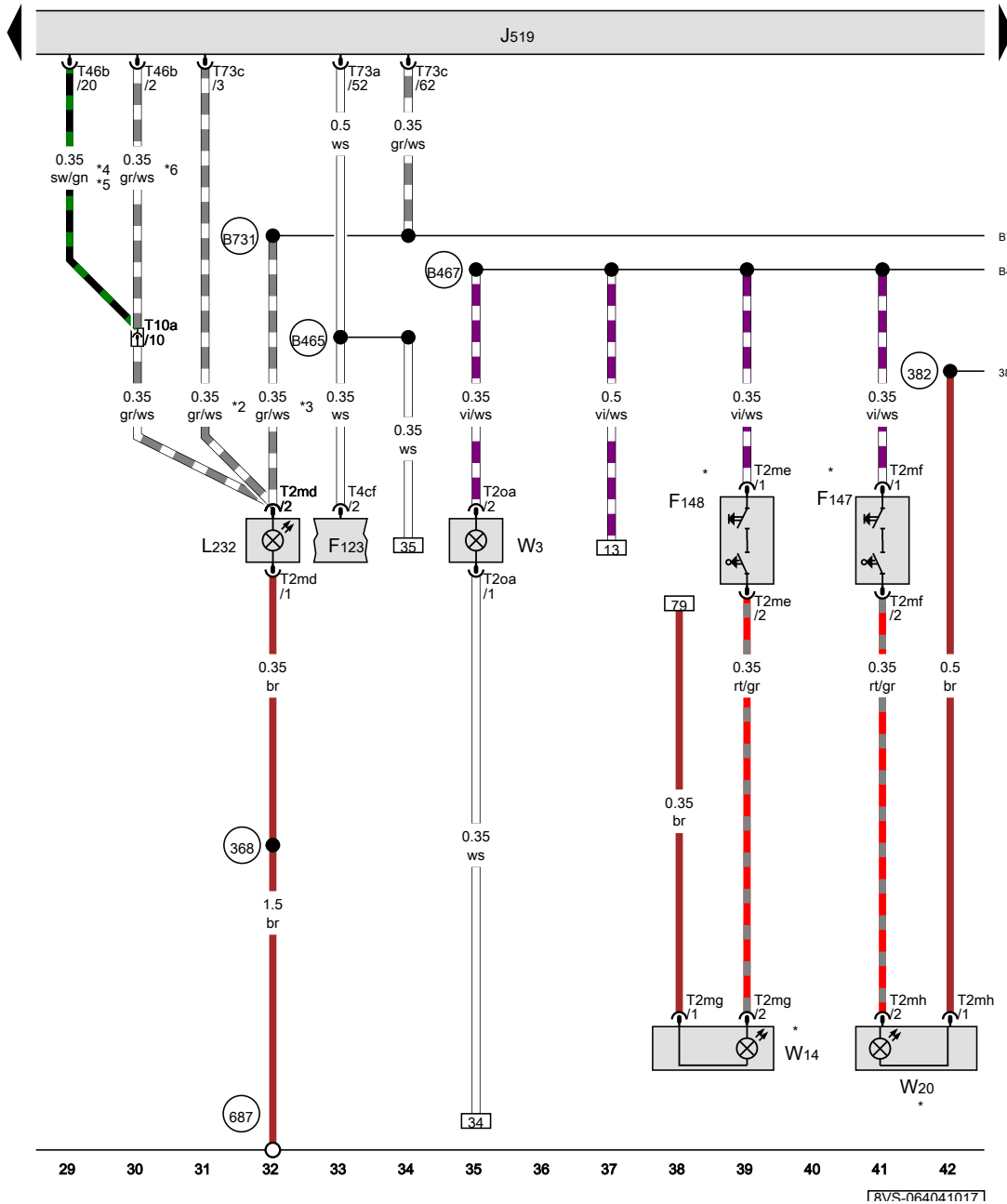
- A Battery
- SA1 Fuse 1 on fuse holder A
- SA4 Fuse 4 on fuse holder A
- SB Fuse holder B
- SB20 Fuse 20 on fuse holder B
- SC Fuse holder C
- SC6 Fuse 6 on fuse holder C
- SC8 Fuse 8 on fuse holder C
- SC25 Fuse 25 on fuse holder C
- SC29 Fuse 29 on fuse holder C
- SC39 Fuse 39 on fuse holder C
- SC42 Fuse 42 on fuse holder C
- B320 Positive connection 6 (30a) in main wiring harness
- B321 Positive connection 7 (30a) in main wiring harness
- * see applicable current flow diagram for battery in engine compartment
- *2 Up to April 2015

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 vi = purple
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Bonnet contact switch, Bonnet contact switch 2, Alarm horn, Light for left dashboard background lighting, Light for right dashboard background lighting, Light for centre dashboard background lighting



- 85 Earth connection 1, in engine compartment wiring harness
- 131 Earth connection 2, in engine compartment wiring harness
- 375 Earth connection 10, in main wiring harness
- 419 Earth connection 11, in engine compartment wiring harness
- 671 Earth point 1, on front of left longitudinal member
- B732 Connection 2 (58s), in main wiring harness
- D101 Connection 1 in engine compartment wiring harness



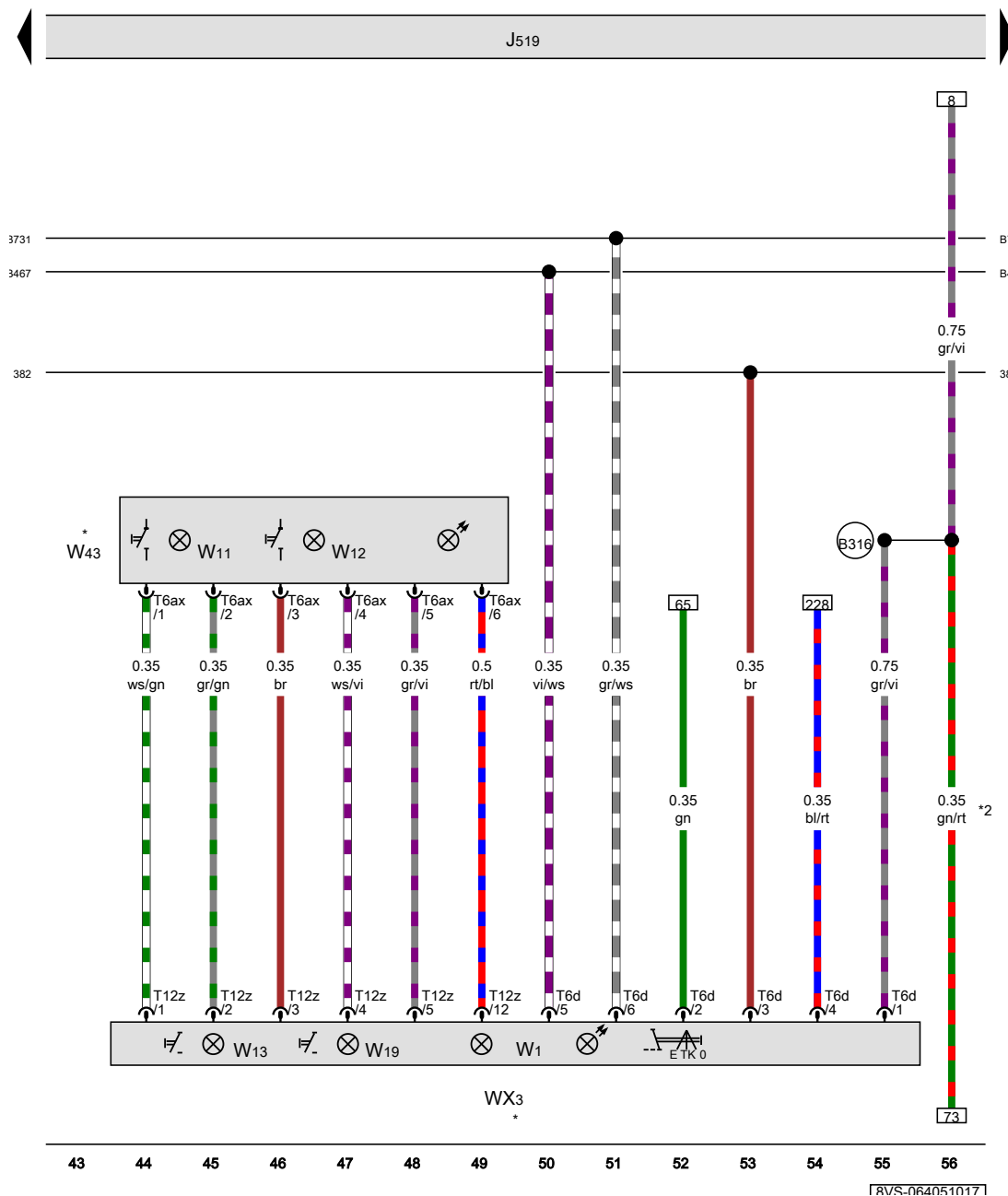
Front passenger vanity mirror contact switch, Light for cup holder background lighting, Luggage compartment light

- F123 Rear lid contact switch for anti-theft alarm
- F147 Driver vanity mirror contact switch
- F148 Front passenger vanity mirror contact switch
- J519 Onboard supply control unit
- L232 Light for cup holder background lighting
- T2md 2-pin connector
- T2me 2-pin connector
- T2mf 2-pin connector
- T2mg 2-pin connector
- T2mh 2-pin connector
- T2oa 2-pin connector
- T4cf 4-pin connector
- T10a 10-pin connector, white
- T46b 46-pin connector
- T73a 73-pin connector
- T73c 73-pin connector
- W3 Luggage compartment light
- W14 Front passenger side illuminated vanity mirror
- W20 Driver side illuminated vanity mirror

- 368 Earth connection 3, in main wiring harness
- 382 Earth connection 17, in main wiring harness
- 687 Earth point 1, on centre tunnel
- B465 Connection 1, in main wiring harness
- B467 Connection 3, in main wiring harness
- B731 Connection 1 (58s), in main wiring harness

- * For models with illuminated vanity mirror
- *2 For models with halogen headlights
- *3 For models with additional lights
- *4 For models with LED headlights
- *5 From May 2016
- *6 For models with xenon headlights

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- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



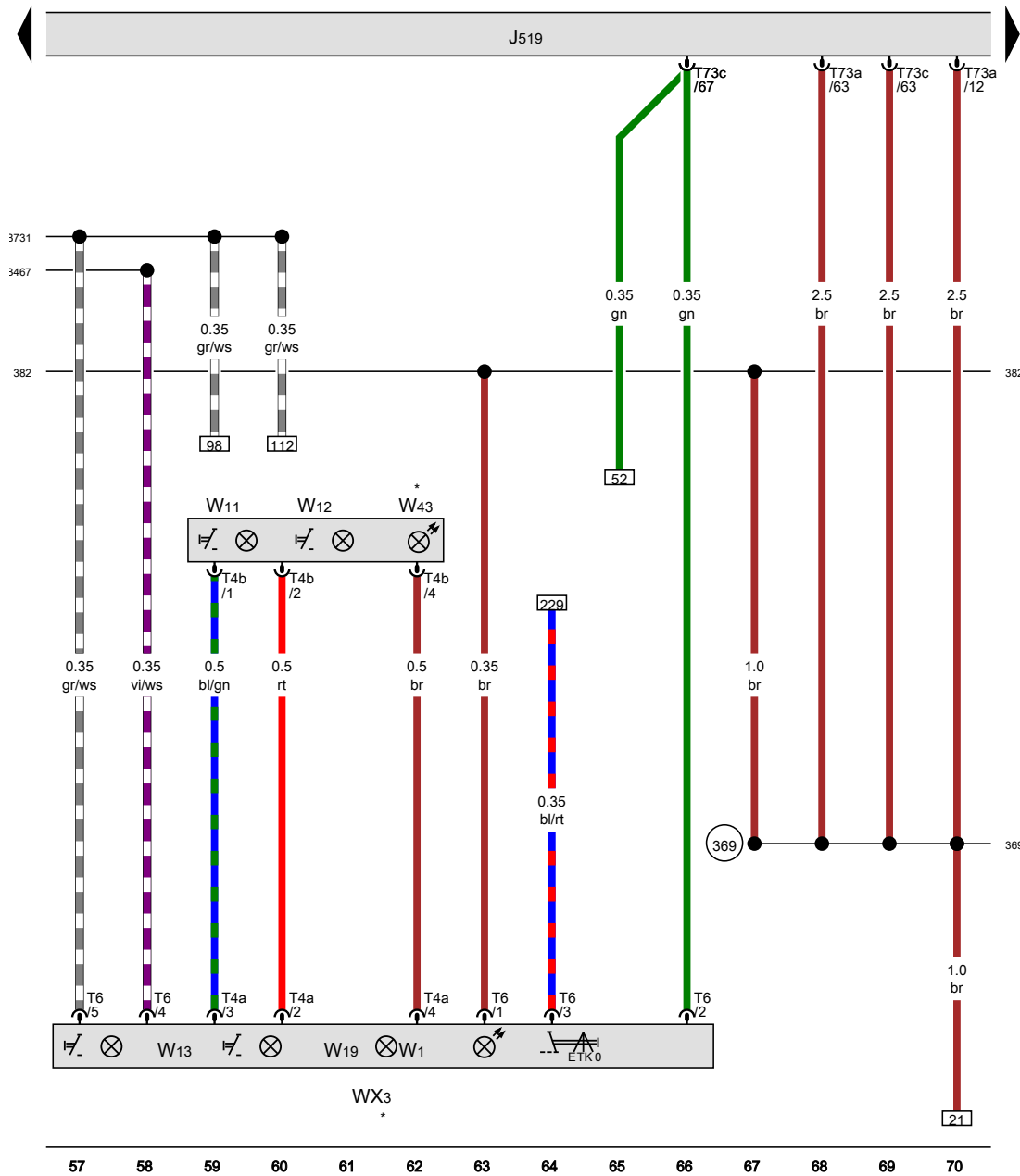
Front roof module, Rear interior light

- J519 Onboard supply control unit
- T6ax 6-pin connector
- T6d 6-pin connector
- T12z 12-pin connector
- W1 Front interior light
- WX3 Front roof module
- W11 Rear left reading light
- W12 Rear right reading light
- W13 Front passenger reading light
- W19 Driver side reading light
- W43 Rear interior light

- 382 Earth connection 17, in main wiring harness
- B316 Positive connection 2 (30a) in main wiring harness
- B467 Connection 3, in main wiring harness
- B731 Connection 1 (58s), in main wiring harness

* According to equipment
*2 From May 2015

ws = white
sw = black
ro = red
rt = red
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bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink



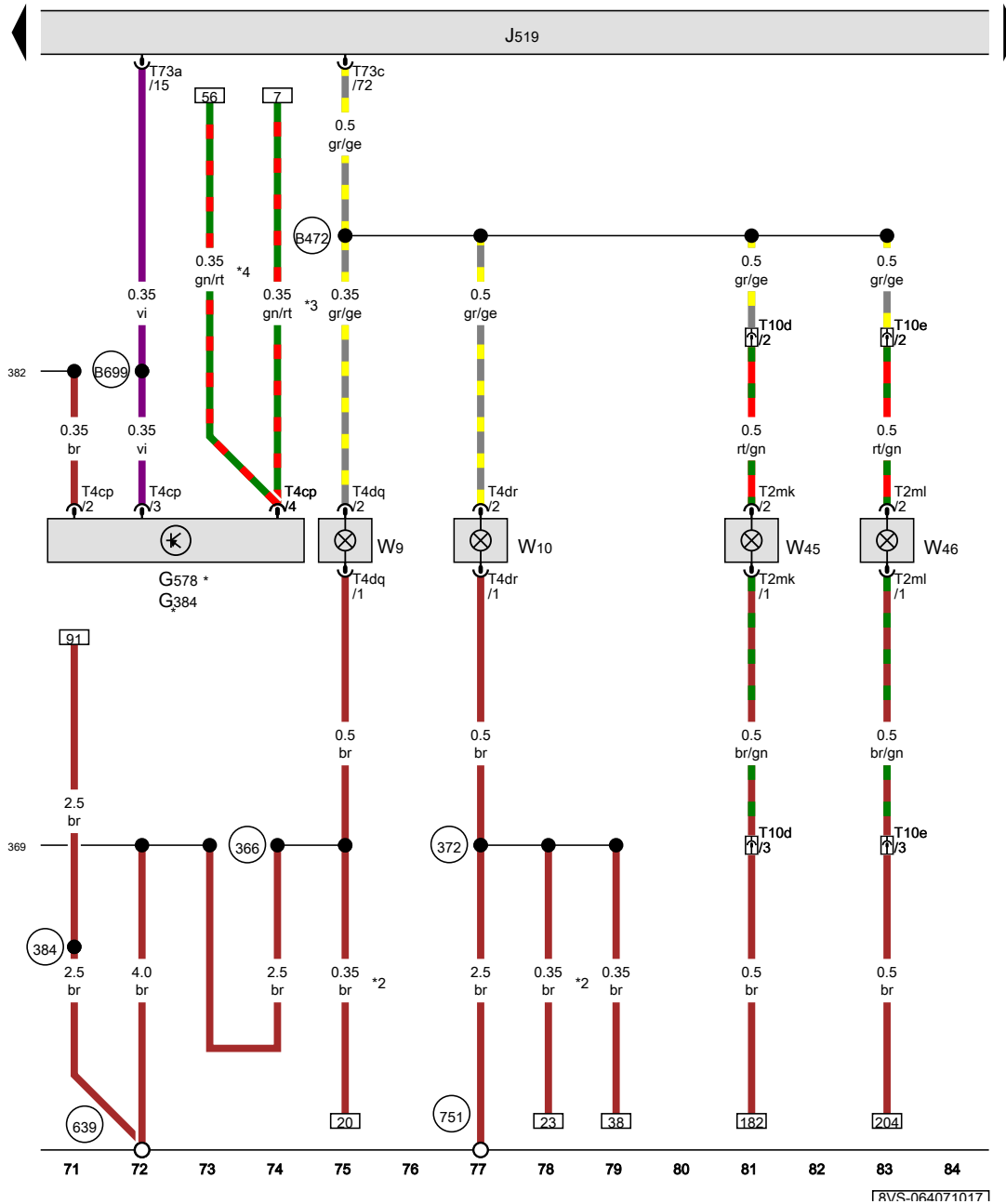
Front roof module, Rear interior light

- J519 Onboard supply control unit
- T4a 4-pin connector
- T4b 4-pin connector
- T6 6-pin connector
- T73a 73-pin connector
- T73c 73-pin connector
- W1 Front interior light
- WX3 Front roof module
- W11 Rear left reading light
- W12 Rear right reading light
- W13 Front passenger reading light
- W19 Driver side reading light
- W43 Rear interior light

- 369 Earth connection 4, in main wiring harness
- 382 Earth connection 17, in main wiring harness
- B467 Connection 3, in main wiring harness
- B731 Connection 1 (58s), in main wiring harness

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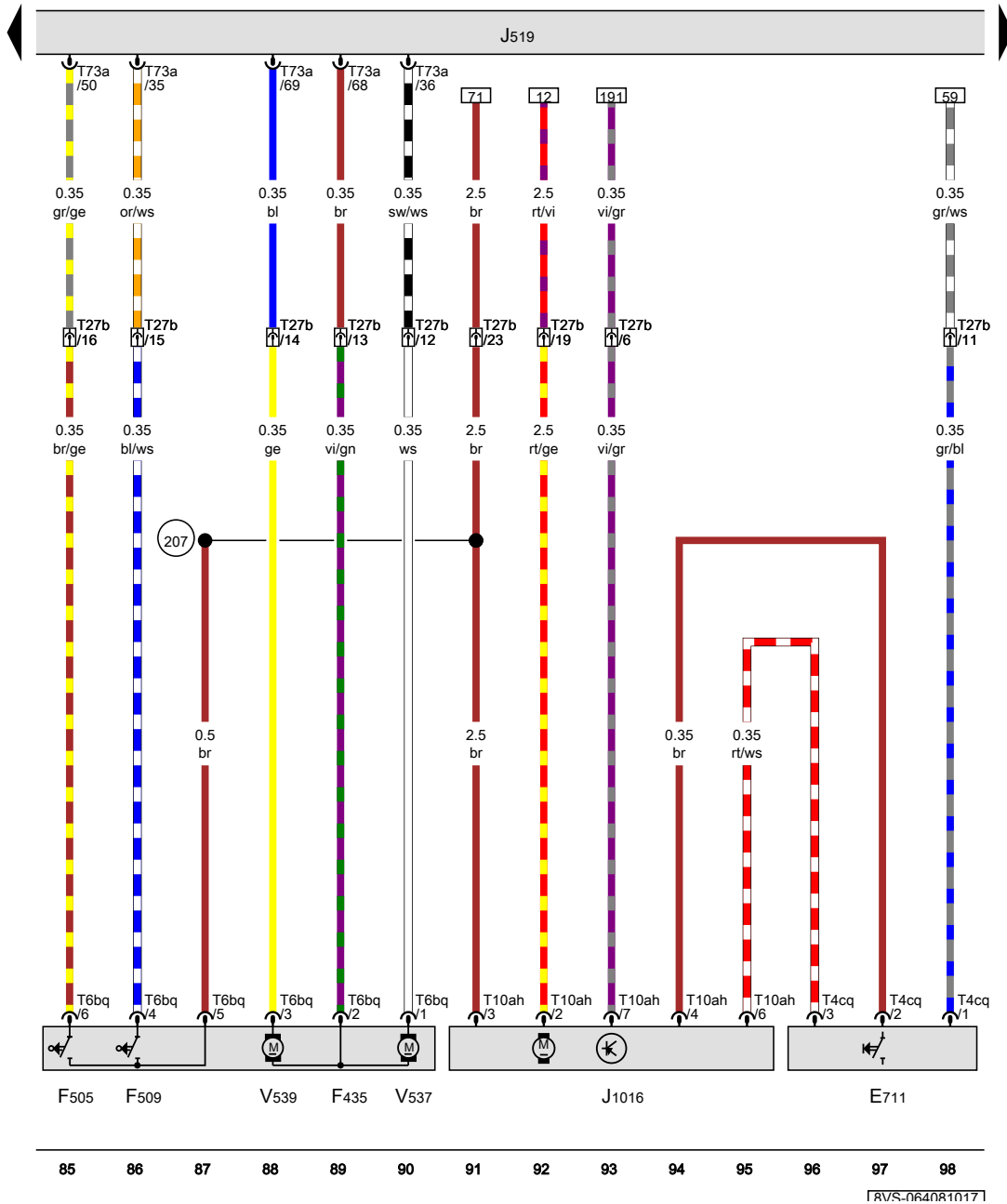


Anti-theft alarm sensor, Left footwell light, Right footwell light, Rear left footwell light, Rear right footwell light

- G384 Vehicle inclination sender
- G578 Anti-theft alarm sensor
- J519 Onboard supply control unit
- T2mk 2-pin connector
- T2ml 2-pin connector
- T4cp 4-pin connector
- T4dq 4-pin connector
- T4dr 4-pin connector
- T10d 10-pin connector, in coupling point for front seat, left, red
- T10e 10-pin connector, in coupling point for front seat, right, red
- T73a 73-pin connector
- T73c 73-pin connector
- W9 Left footwell light
- W10 Right footwell light
- W45 Rear left footwell light
- W46 Rear right footwell light

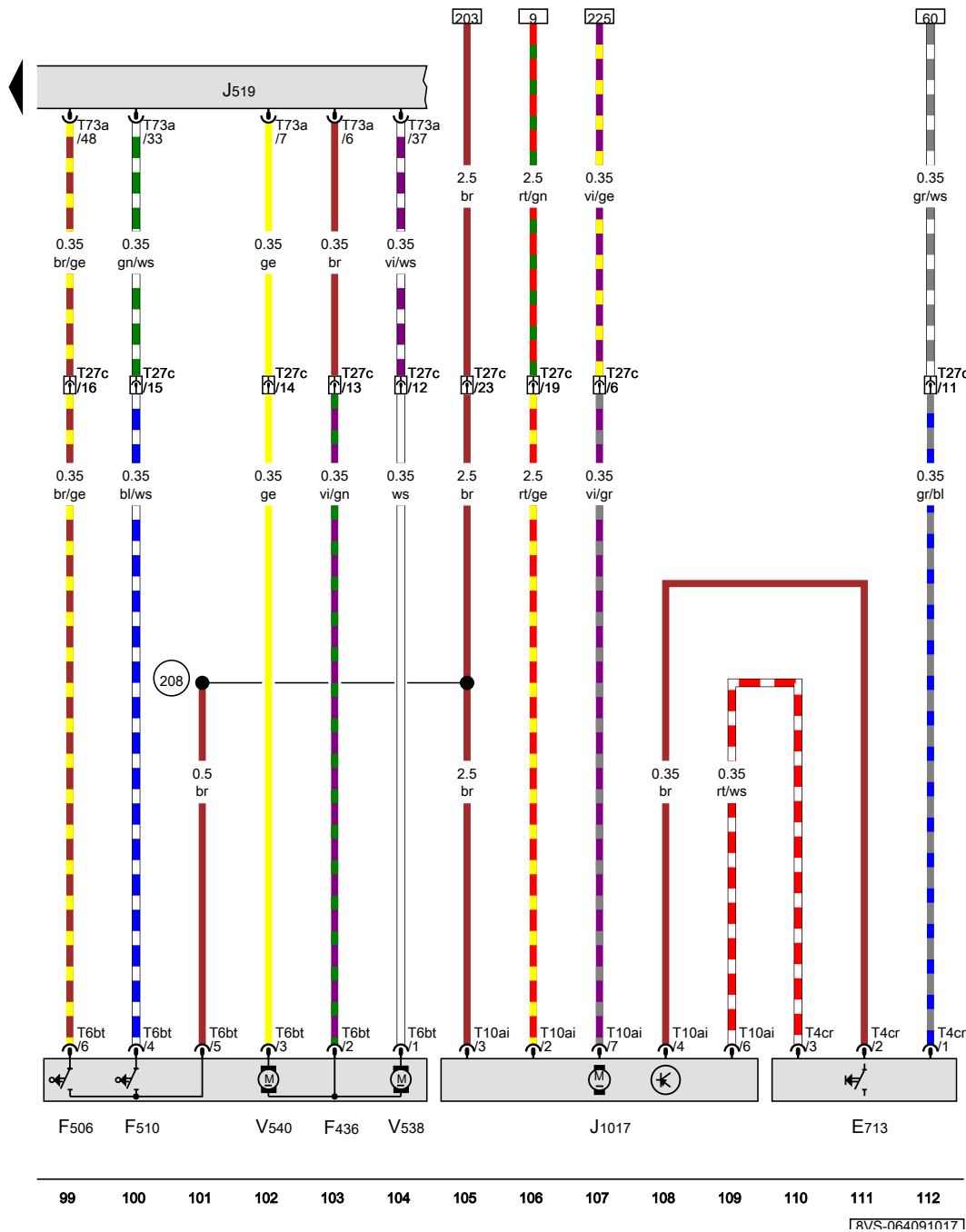
- 366 Earth connection 1, in main wiring harness
- 369 Earth connection 4, in main wiring harness
- 372 Earth connection 7, in main wiring harness
- 382 Earth connection 17, in main wiring harness
- 384 Earth connection 19, in main wiring harness
- 639 Earth point, left A-pillar
- 751 Earth point 2, on right A-pillar
- B472 Connection 8, in main wiring harness
- B699 Connection 4 (LIN bus) in main wiring harness

- * For models with anti-theft alarm system
- *2 Up to April 2016
- *3 Up to April 2015
- *4 From May 2015



Rear driver side central locking lock unit, Rear door contact switch, driver side, Rear central locking actuator, driver side, Rear central locking SAFELOCK function motor, driver side, Rear central locking motor, driver side

- E711 Rear driver side window regulator button
- F435 Rear driver side central locking lock unit
- F505 Rear door contact switch, driver side
- F509 Rear central locking actuator, driver side
- J519 Onboard supply control unit
- J1016 Control unit with rear driver side window regulator motor
- T4cq 4-pin connector
- T6bq 6-pin connector
- T10ah 10-pin connector
- T27b 27-pin connector, on left B-pillar, black
- T73a 73-pin connector
- V537 Rear central locking SAFELOCK function motor, driver side
- V539 Rear central locking motor, driver side
- 207 Earth connection, in rear left door wiring harness

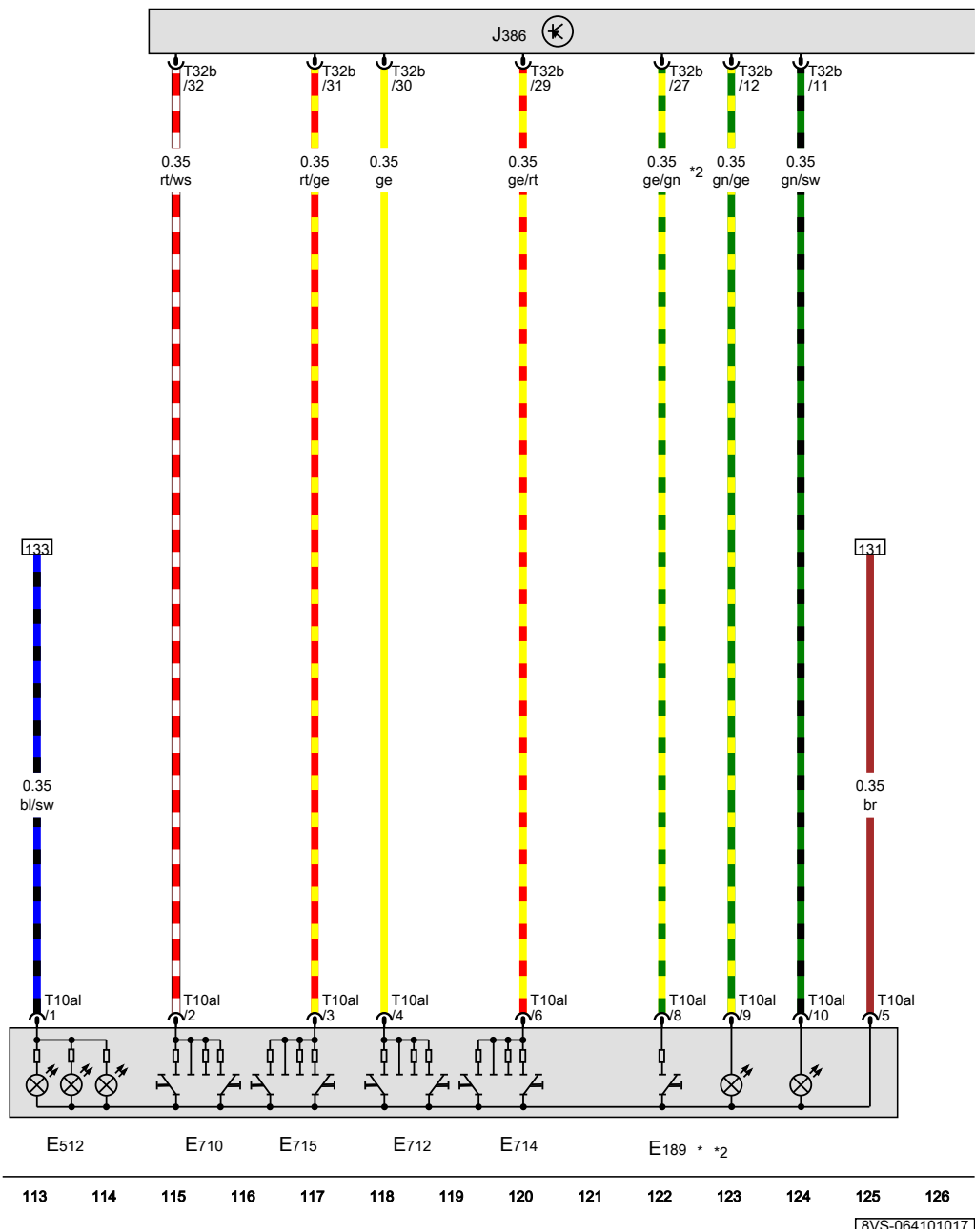


Rear passenger side central locking lock unit, Rear door contact switch, passenger side, Rear central locking actuator, passenger side, Rear central locking SAFELOCK function motor, passenger side, Rear central locking motor, passenger side

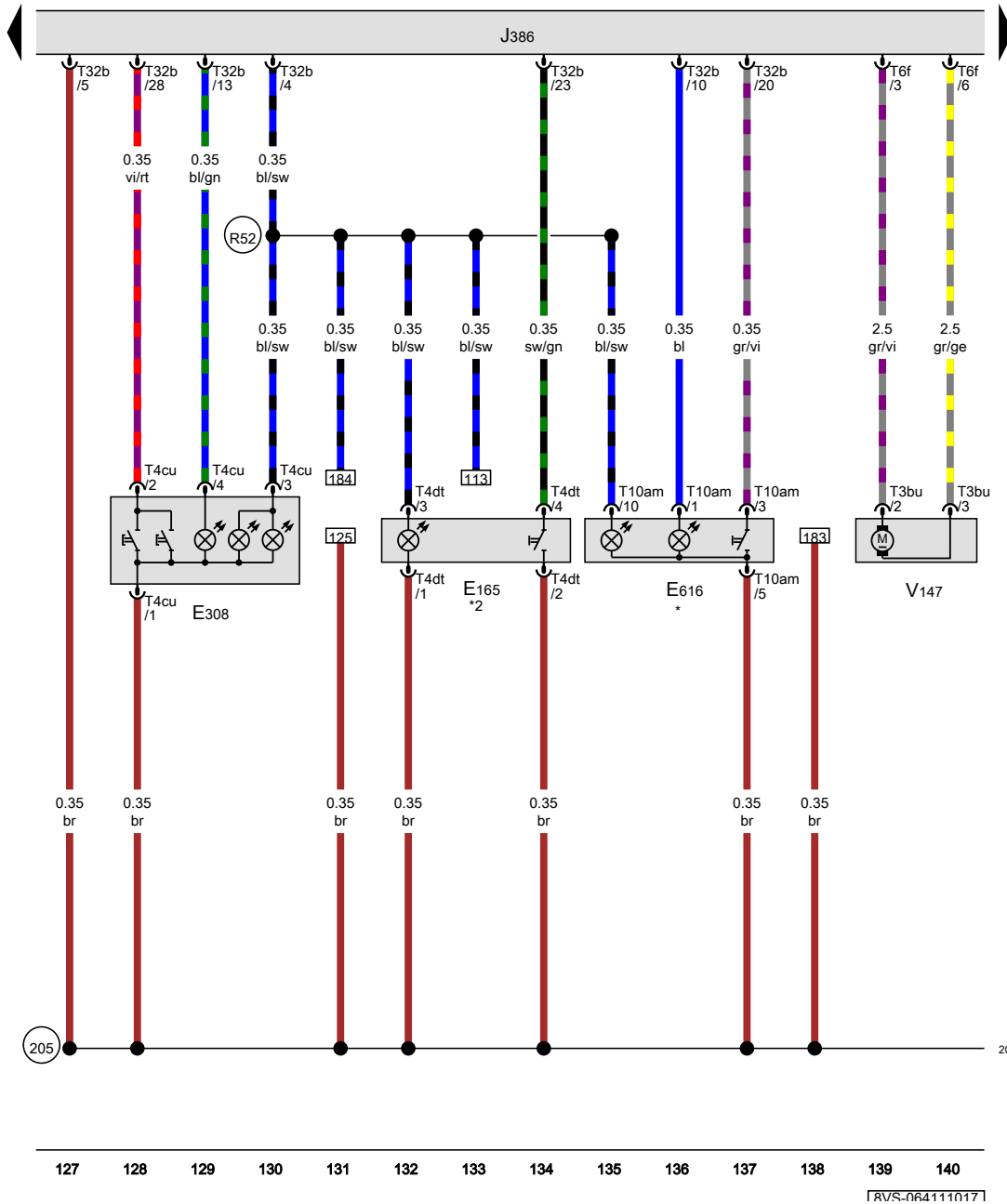
- E713 Rear passenger side window regulator button
- F436 Rear passenger side central locking lock unit
- F506 Rear door contact switch, passenger side
- F510 Rear central locking actuator, passenger side
- J519 Onboard supply control unit
- J1017 Control unit with rear passenger side window regulator motor
- T4cr 4-pin connector
- T6bt 6-pin connector
- T10ai 10-pin connector
- T27c 27-pin connector, on right B-pillar, black
- T73a 73-pin connector
- V538 Rear central locking SAFELOCK function motor, passenger side
- V540 Rear central locking motor, passenger side
- 208 Earth connection, in rear right door wiring harness

Central switch for window regulators in driver door,
Operating unit for window regulator in driver door, Front
driver side window regulator button, Rear driver side window
regulator button, in driver door, Rear passenger side
window regulator button, in driver door, Front passenger
side window regulator button, in driver door, Driver door
control unit

- E189 Central switch for window regulators in driver door
- E512 Operating unit for window regulator in driver door
- E710 Front driver side window regulator button
- E712 Rear driver side window regulator button, in driver door
- E714 Rear passenger side window regulator button, in driver door
- E715 Front passenger side window regulator button, in driver door
- J386 Driver door control unit
- T10al 10-pin connector
- T32b 32-pin connector
- * For models with no childproof locks
- *2 If fitted



ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink



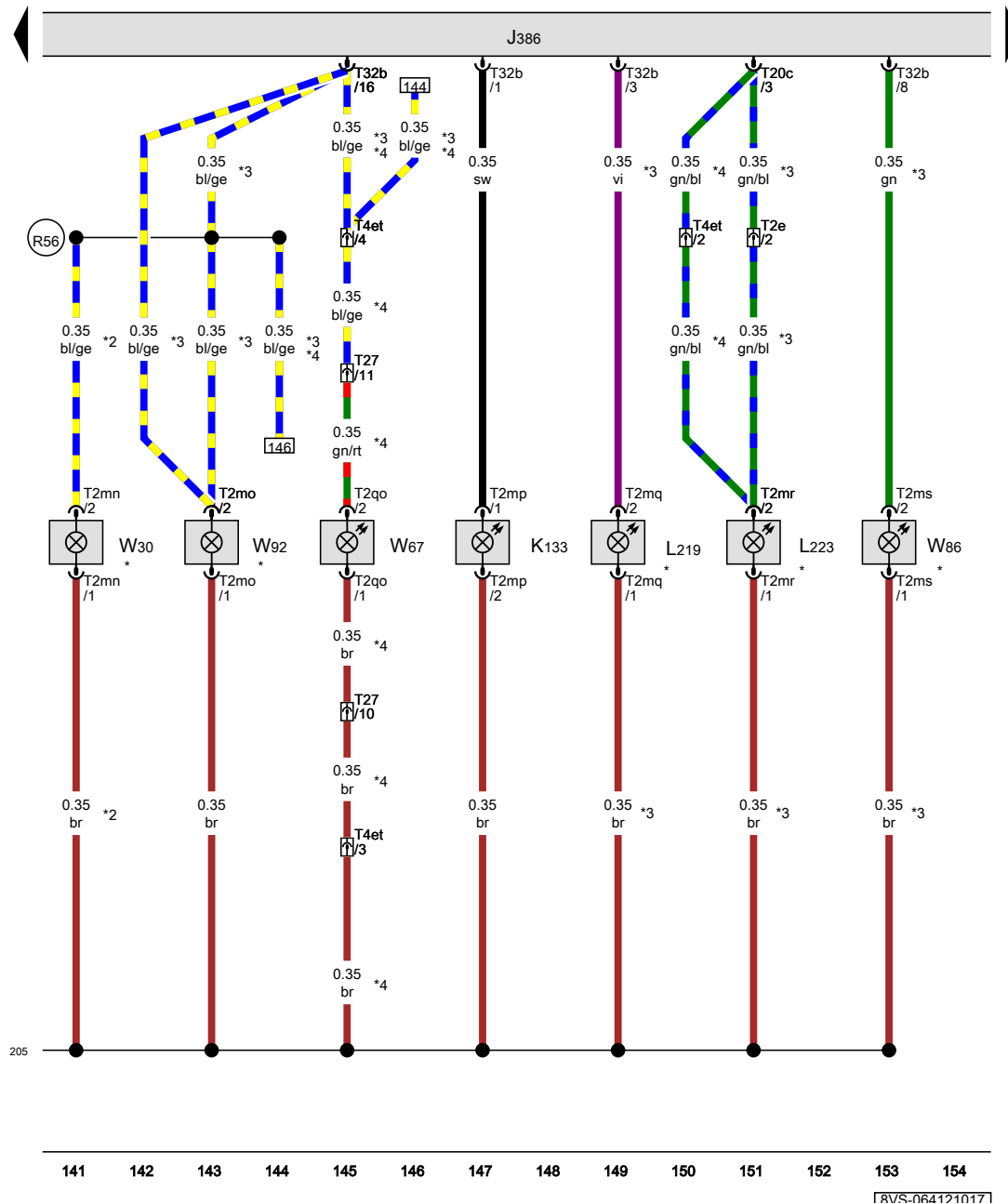
Rear lid release switch, Driver side interior locking button for central locking system, Button for deactivating interior monitoring and vehicle inclination sensor, Driver door control unit, Driver side window regulator motor

- E165 Rear lid release switch
- E308 Driver side interior locking button for central locking system
- E616 Button for deactivating interior monitoring and vehicle inclination sensor
- J386 Driver door control unit
- T3bu 3-pin connector
- T4cu 4-pin connector
- T4dt 4-pin connector
- T6f 6-pin connector
- T10am 10-pin connector
- T32b 32-pin connector
- V147 Driver side window regulator motor

205 Earth connection, in driver door wiring harness

R52 Connection (58s), in driver side door wiring harness

* For models with interior monitoring
*2 If fitted

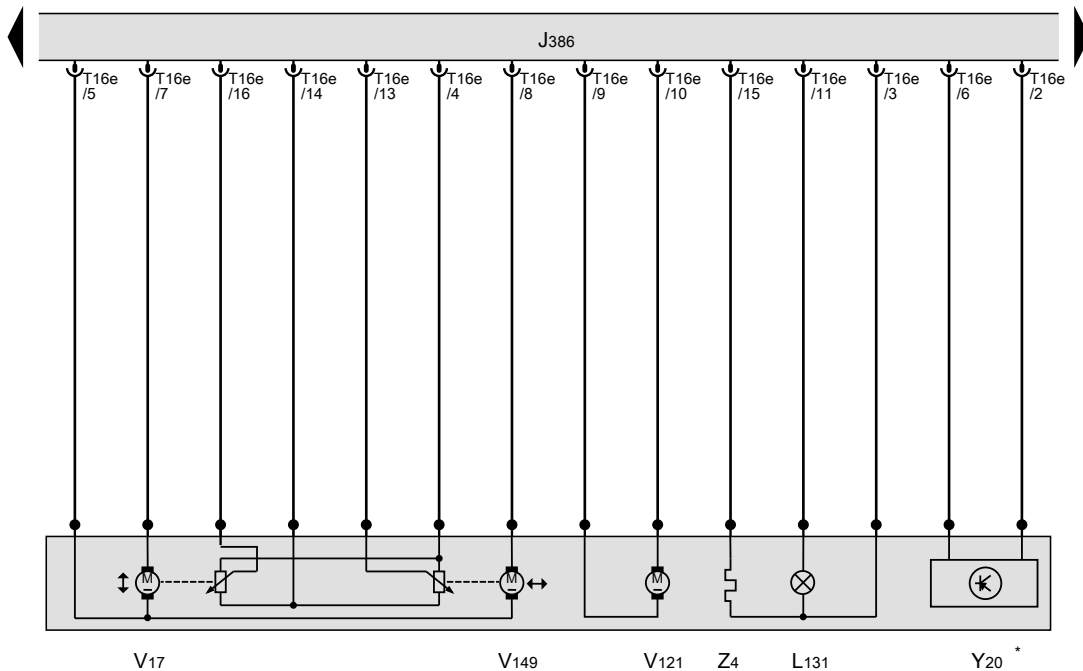


Driver door control unit, Central locking SAFELOCK function warning lamp, Light for driver side interior door handle illumination, Light for driver side door loudspeaker trim, Driver side door warning lamp, Light conductor for front left sill panel moulding background lighting, Light for driver door background lighting, Driver side entry light

- J386 Driver door control unit
- K133 Central locking SAFELOCK function warning lamp
- L219 Light for driver side interior door handle illumination
- L223 Light for driver side door loudspeaker trim
- T2e 2-pin connector
- T2mn 2-pin connector
- T2mo 2-pin connector
- T2mp 2-pin connector
- T2mq 2-pin connector
- T2mr 2-pin connector
- T2ms 2-pin connector
- T2qo 2-pin connector
- T4et 4-pin connector
- T20c 20-pin connector
- T27 27-pin connector, on left A-pillar, black
- T32b 32-pin connector
- W30 Driver side door warning lamp
- W67 Light conductor for front left sill panel moulding background lighting
- W86 Light for driver door background lighting
- W92 Driver side entry light

- 205 Earth connection, in driver door wiring harness
- R56 Connection (entry light), in driver door wiring harness
- * For models with additional lights
- *2 Up to April 2017
- *3 According to equipment
- *4 For models with background lighting in sill panel mouldings

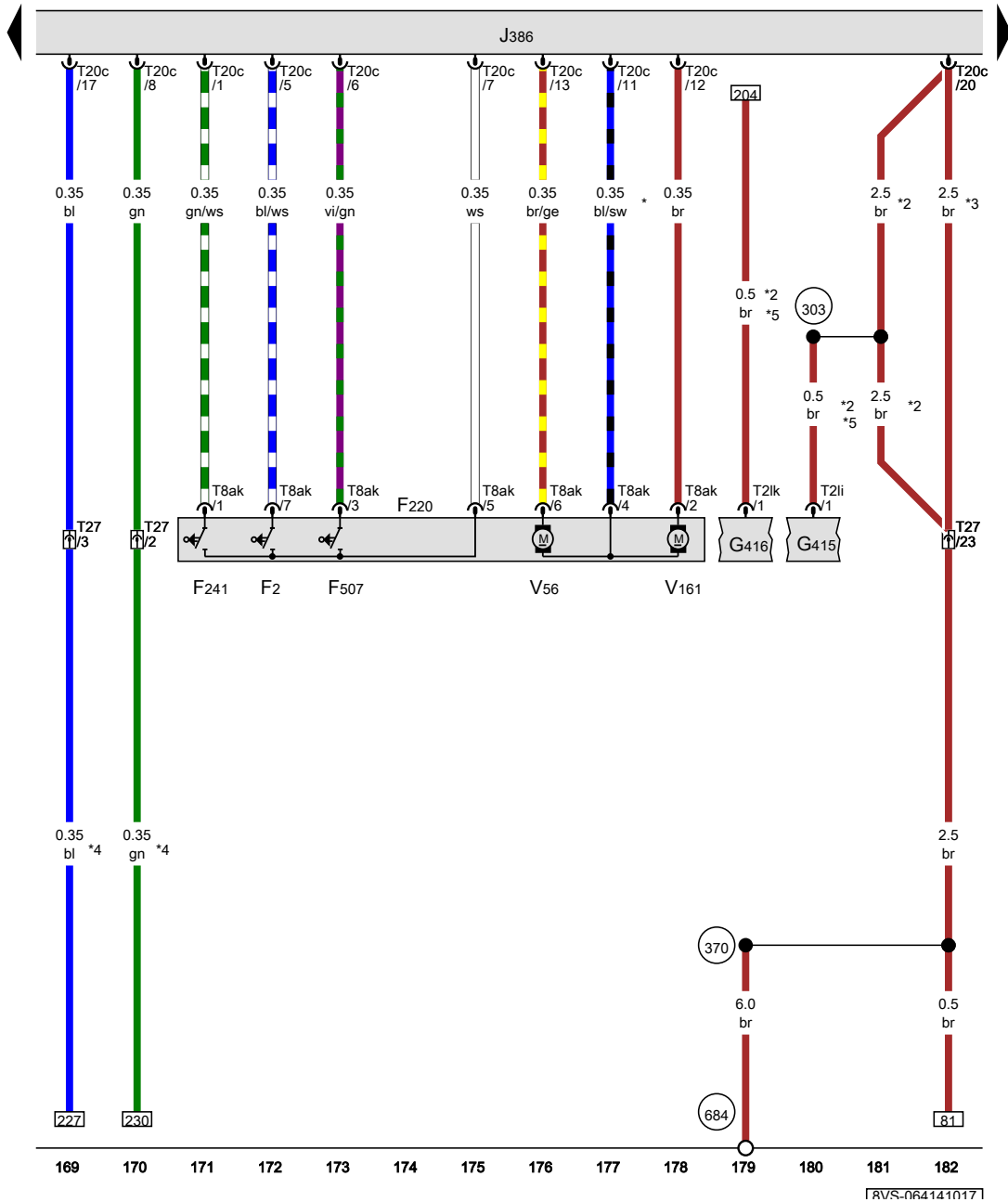
ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
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Driver door control unit, Driver side turn signal repeater bulb, Driver side mirror adjustment motor 2, Driver side fold-in mirror motor, Driver side mirror adjustment motor, Automatic anti-dazzle exterior mirror, driver side, Heated exterior mirror on driver side

- J386 Driver door control unit
- L131 Driver side turn signal repeater bulb
- T16e 16-pin connector
- V17 Driver side mirror adjustment motor 2
- V121 Driver side fold-in mirror motor
- V149 Driver side mirror adjustment motor
- Y20 Automatic anti-dazzle exterior mirror, driver side
- Z4 Heated exterior mirror on driver side
- * For models with automatic anti-dazzle exterior mirror

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- gn = green
- bl = blue
- gr = grey
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Driver door contact switch, Driver side central locking lock unit, Driver side contact switch in lock cylinder, Driver side central locking actuator, Driver door control unit, Driver door central locking motor, Driver door central locking SAFELOCK function motor

- F2 Driver door contact switch
- F220 Driver side central locking lock unit
- F241 Driver side contact switch in lock cylinder
- F507 Driver side central locking actuator
- G415 Driver exterior door handle contact sensor
- G416 Front passenger exterior door handle contact sensor
- J386 Driver door control unit
- T2li 2-pin connector
- T2lk 2-pin connector
- T8ak 8-pin connector
- T20c 20-pin connector
- T27 27-pin connector, on left A-pillar, black
- V56 Driver door central locking motor
- V161 Driver door central locking SAFELOCK function motor

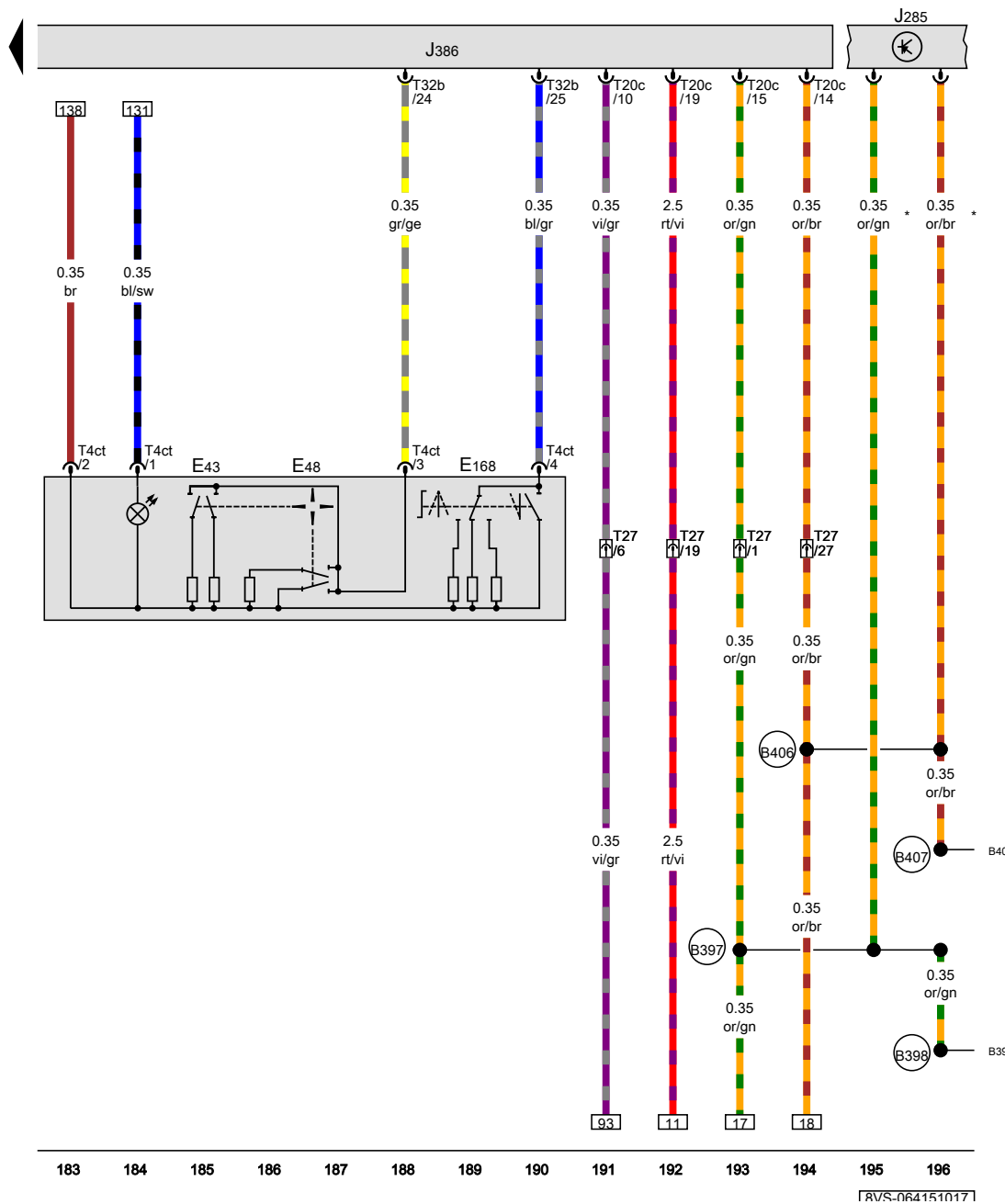
303 Earth connection 3, in drive side door wiring harness

370 Earth connection 5, in main wiring harness

684 Earth point on front of left side member

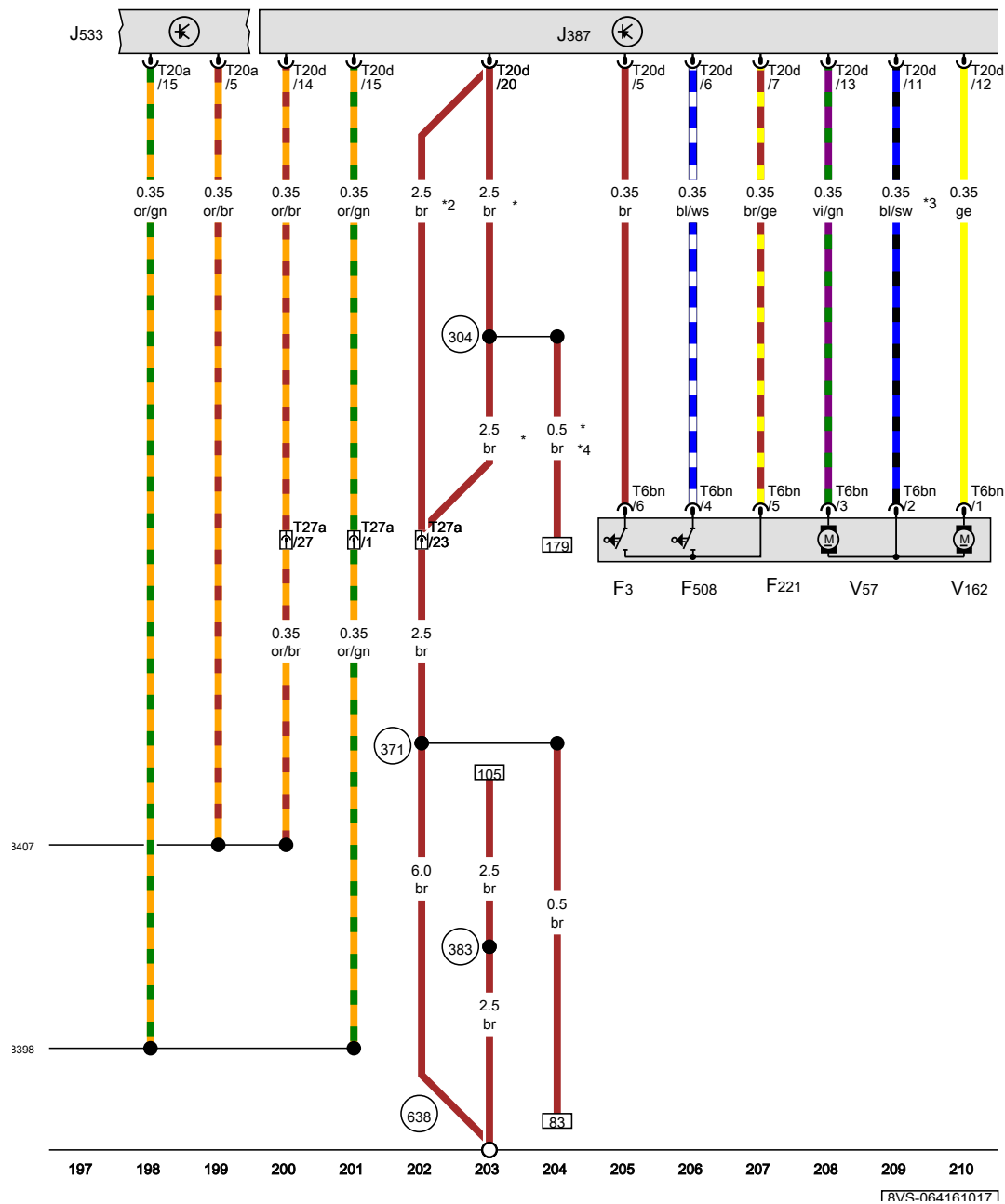
- * According to equipment
- *2 For models with entry and start authorisation
- *3 For models with no entry and start authorisation
- *4 For models with automatic anti-dazzle interior mirror
- *5 see applicable current flow diagram

- ws = white
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- bl = blue
- gr = grey
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Adjustment switch for mirror with fold-in feature, Control unit in dash panel insert, Driver door control unit

- E43 Mirror adjustment switch
- E48 Mirror adjustment changeover switch
- E168 Adjustment switch for mirror with fold-in feature
- J285 Control unit in dash panel insert
- J386 Driver door control unit
- T4ct 4-pin connector
- T20c 20-pin connector
- T27 27-pin connector, on left A-pillar, black
- T32b 32-pin connector
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness
- * see applicable current flow diagram for dash panel insert



Front passenger door contact switch, Front passenger side central locking lock unit, Passenger side central locking actuator, Front passenger door control unit, Data bus diagnostic interface, Front passenger door central locking motor, Front passenger door central locking SAFELOCK function motor

- F3 Front passenger door contact switch
- F221 Front passenger side central locking lock unit
- F508 Passenger side central locking actuator
- J387 Front passenger door control unit
- J533 Data bus diagnostic interface
- T6bn 6-pin connector
- T20a 20-pin connector
- T20d 20-pin connector
- T27a 27-pin connector, on right A-pillar, black
- V57 Front passenger door central locking motor
- V162 Front passenger door central locking SAFELOCK function motor

304 Earth connection 3, in front passenger side door wiring harness

371 Earth connection 6, in main wiring harness

383 Earth connection 18, in main wiring harness

638 Earth point, on right A-pillar

B398 Connection 2 (convenience CAN bus, high), in main wiring harness

B407 Connection 2 (convenience CAN bus, low), in main wiring harness

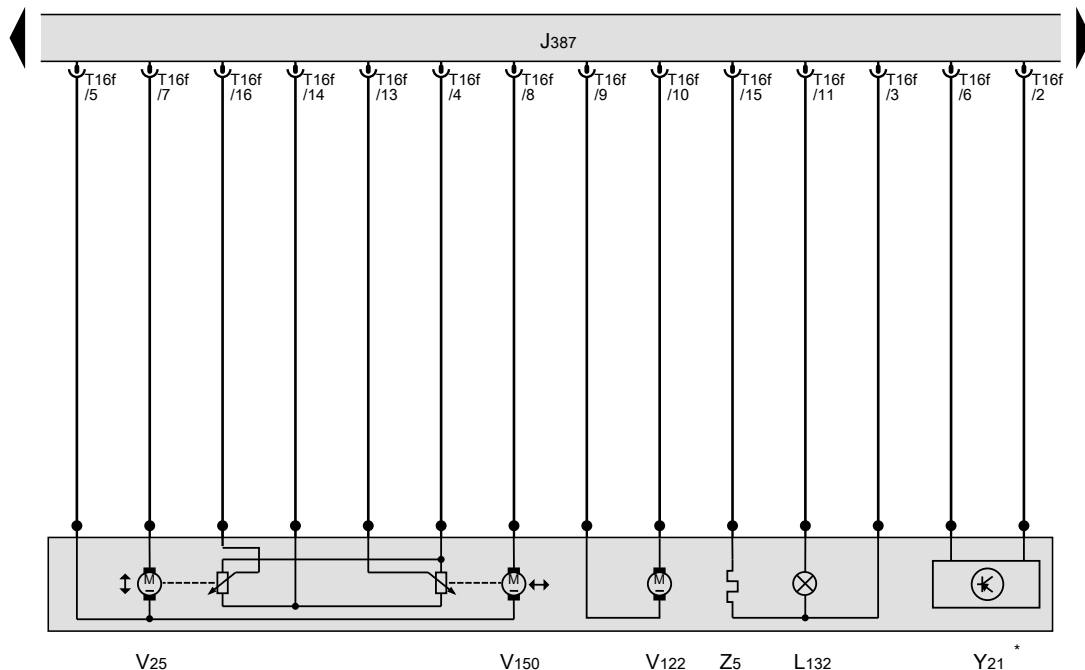
* For models with entry and start authorisation

*2 For models with no entry and start authorisation

*3 According to equipment

*4 see applicable current flow diagram

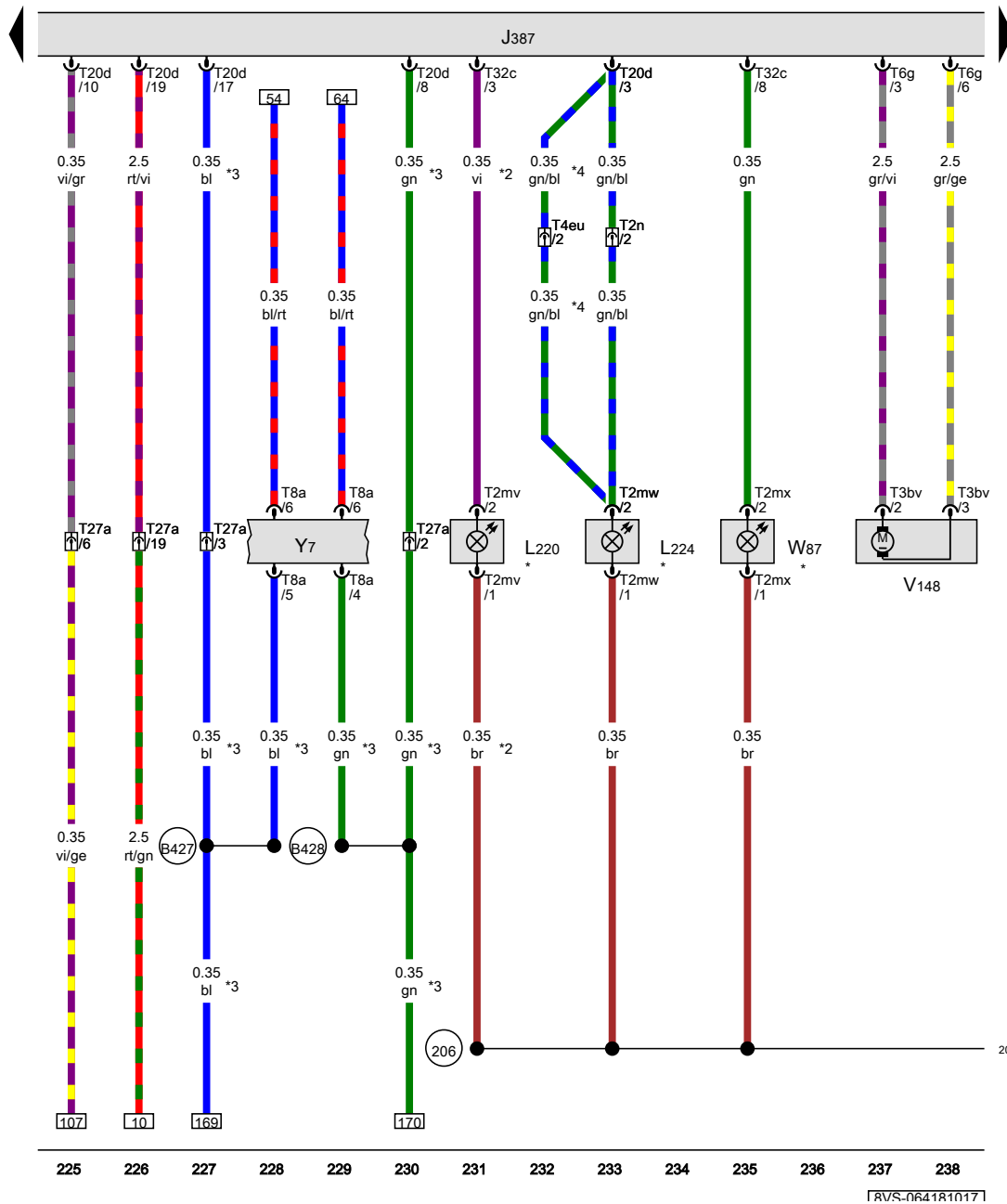
ws = white
sw = black
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or = orange
rs = pink



Front passenger door control unit, Front passenger side turn signal repeater bulb, Front passenger side mirror adjustment motor 2, Front passenger side fold-in mirror motor, Front passenger side mirror adjustment motor, Automatic anti-dazzle exterior mirror, passenger side, Heated exterior mirror on passenger side

- J387 Front passenger door control unit
- L132 Front passenger side turn signal repeater bulb
- T16f 16-pin connector
- V25 Front passenger side mirror adjustment motor 2
- V122 Front passenger side fold-in mirror motor
- V150 Front passenger side mirror adjustment motor
- Y21 Automatic anti-dazzle exterior mirror, passenger side
- Z5 Heated exterior mirror on passenger side
- * For models with automatic anti-dazzle exterior mirror

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



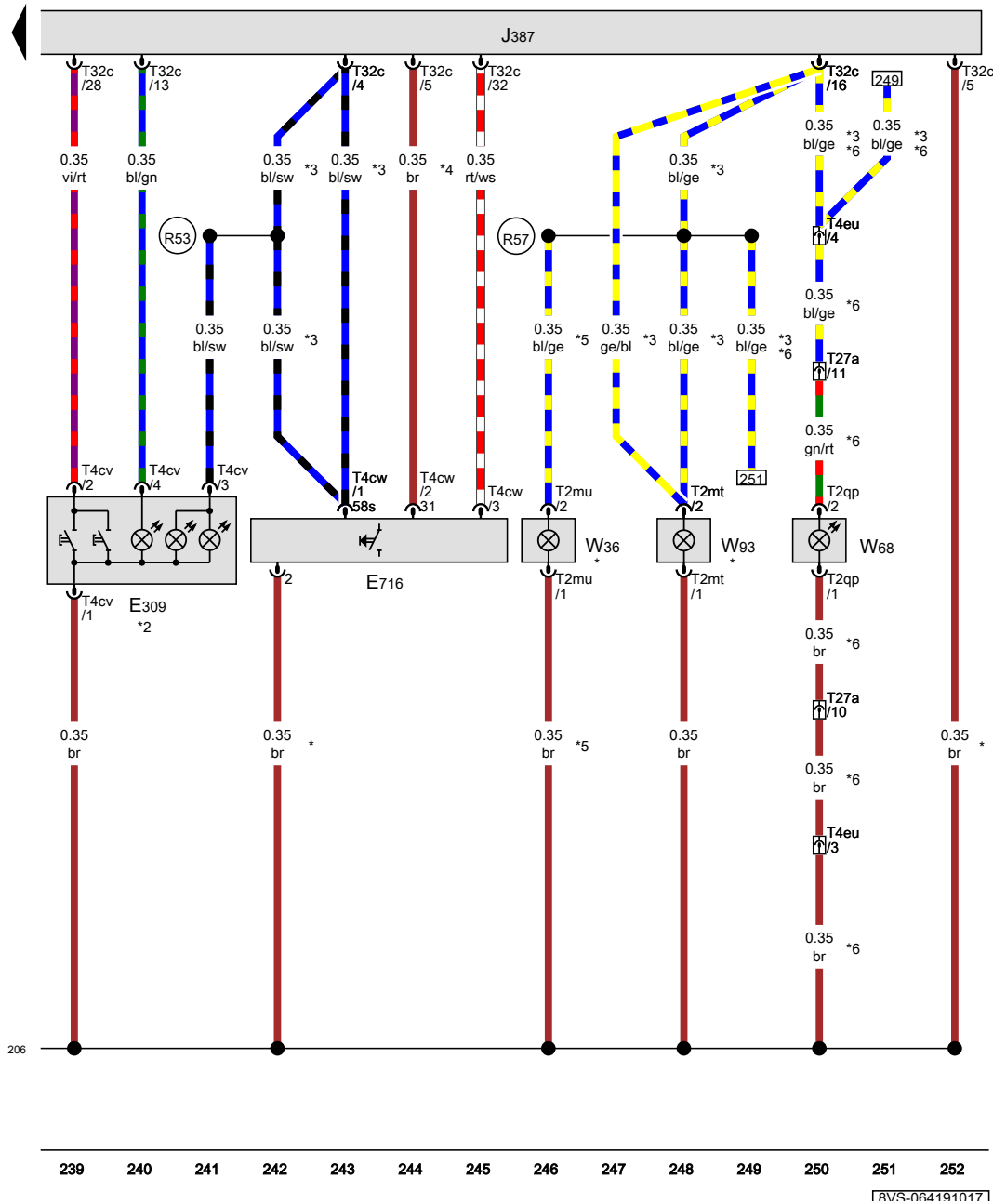
Front passenger door control unit, Light for passenger side interior door handle illumination, Light for passenger side door loudspeaker trim, Front passenger side window regulator motor, Light for passenger door background lighting

- J387 Front passenger door control unit
- L220 Light for passenger side interior door handle illumination
- L224 Light for passenger side door loudspeaker trim
- T2mv 2-pin connector
- T2mw 2-pin connector
- T2mx 2-pin connector
- T2n 2-pin connector
- T3bv 3-pin connector
- T4eu 4-pin connector
- T6g 6-pin connector
- T8a 8-pin connector
- T20d 20-pin connector
- T27a 27-pin connector, on right A-pillar, black
- T32c 32-pin connector
- V148 Front passenger side window regulator motor
- W87 Light for passenger door background lighting
- Y7 Automatic anti-dazzle interior mirror

- 206 Earth connection, in front passenger door wiring harness
- B427 Connection 1 (mirror signal), in main wiring harness
- B428 Connection 2 (mirror signal), in main wiring harness

- * For models with additional lights
- *2 According to equipment
- *3 For models with automatic anti-dazzle interior mirror
- *4 For models with background lighting in sill panel mouldings

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



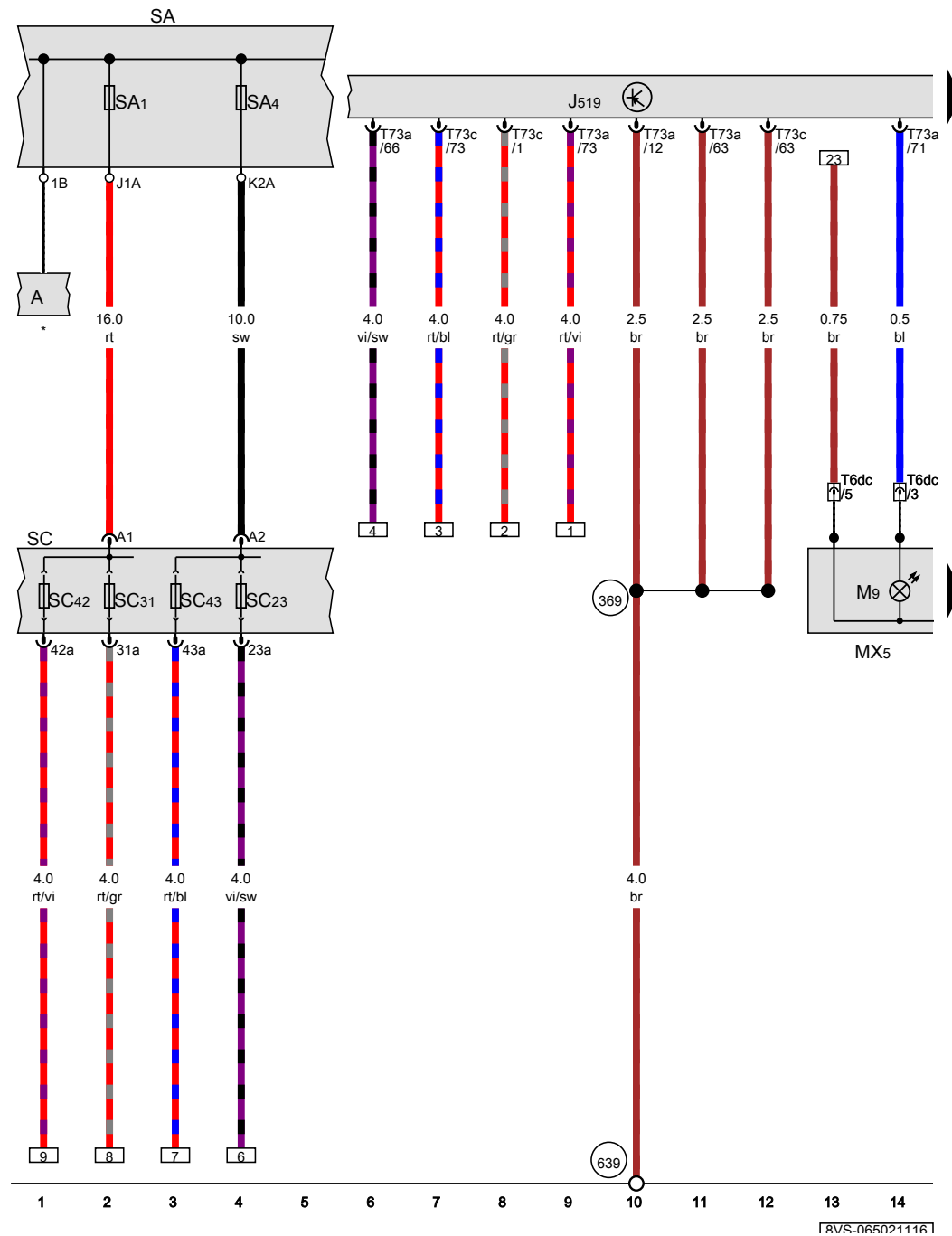
Front passenger side interior locking button for central locking system, Front passenger side window regulator button, Front passenger door control unit, Front passenger side door warning lamp, Light conductor for front right sill panel moulding background lighting, Passenger side entry light

- E309 Front passenger side interior locking button for central locking system
- E716 Front passenger side window regulator button
- J387 Front passenger door control unit
- T2mt 2-pin connector
- T2mu 2-pin connector
- T2qp 2-pin connector
- T4cv 4-pin connector
- T4cw 4-pin connector
- T4eu 4-pin connector
- T27a 27-pin connector, on right A-pillar, black
- T32c 32-pin connector
- W36 Front passenger side door warning lamp
- W68 Light conductor for front right sill panel moulding background lighting
- W93 Passenger side entry light
- 206 Earth connection, in front passenger door wiring harness
- R53 Connection (58s), in driver side door wiring harness
- R57 Connection (entry light), in front passenger door wiring harness
- * For models with additional lights
- *2 For models with front passenger side interior locking button
- *3 According to equipment
- *4 For models with no additional lights
- *5 Up to April 2017
- *6 For models with background lighting in sill panel mouldings

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 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

Tail light cluster with LED, 4-door vehicle , (8SP),(8SK)

From May 2013



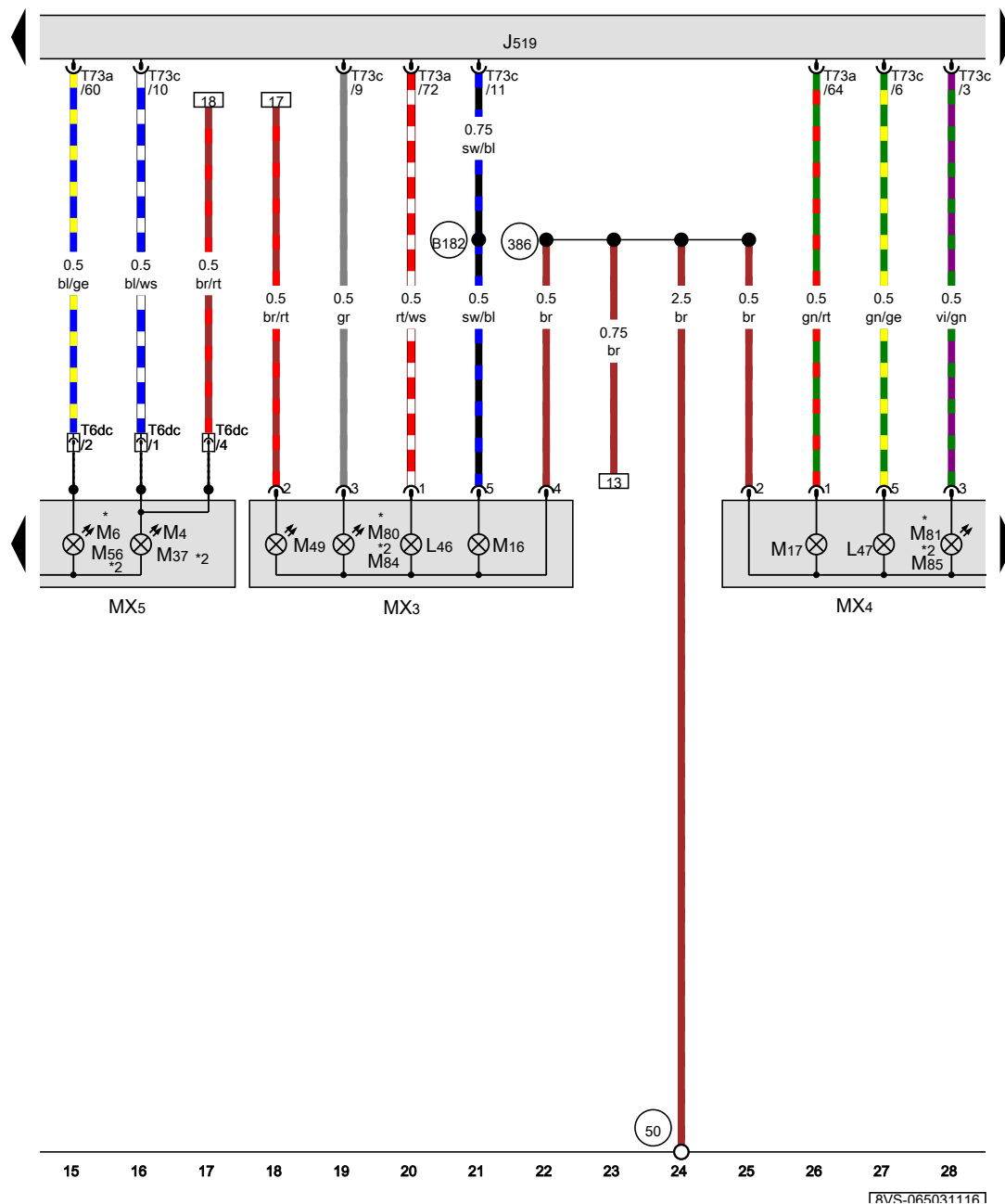
Onboard supply control unit, Left tail light 2, Fuse holder C

- A Battery
- J519 Onboard supply control unit
- MX5 Left tail light 2
- M9 Left brake light bulb
- SA Fuse holder A
- SA1 Fuse 1 on fuse holder A
- SA4 Fuse 4 on fuse holder A
- SC Fuse holder C
- SC23 Fuse 23 on fuse holder C
- SC31 Fuse 31 on fuse holder C
- SC42 Fuse 42 on fuse holder C
- SC43 Fuse 43 on fuse holder C
- T6dc 6-pin connector
- T73a 73-pin connector
- T73c 73-pin connector

369 Earth connection 4, in main wiring harness

639 Earth point, left A-pillar

* see applicable current flow diagram for battery in engine compartment



Onboard supply control unit, Left tail light, Right tail light, Left tail light 2

- J519 Onboard supply control unit
- L46 Rear left fog light bulb
- L47 Rear right fog light bulb
- MX3 Left tail light
- M4 Left tail light bulb
- MX4 Right tail light
- MX5 Left tail light 2
- M6 Rear left turn signal bulb
- M16 Left reversing light bulb
- M17 Right reversing light bulb
- M37 Rear left side marker bulb
- M49 Left tail light bulb 2
- M56 Left brake and turn signal bulb
- M80 Bulb 2 for rear left turn signal
- M81 Bulb 2 for rear right turn signal
- M84 Left brake and turn signal bulb 2
- M85 Right brake and turn signal bulb 2
- T6dc 6-pin connector
- T73a 73-pin connector
- T73c 73-pin connector

50 Earth point, on left in luggage compartment

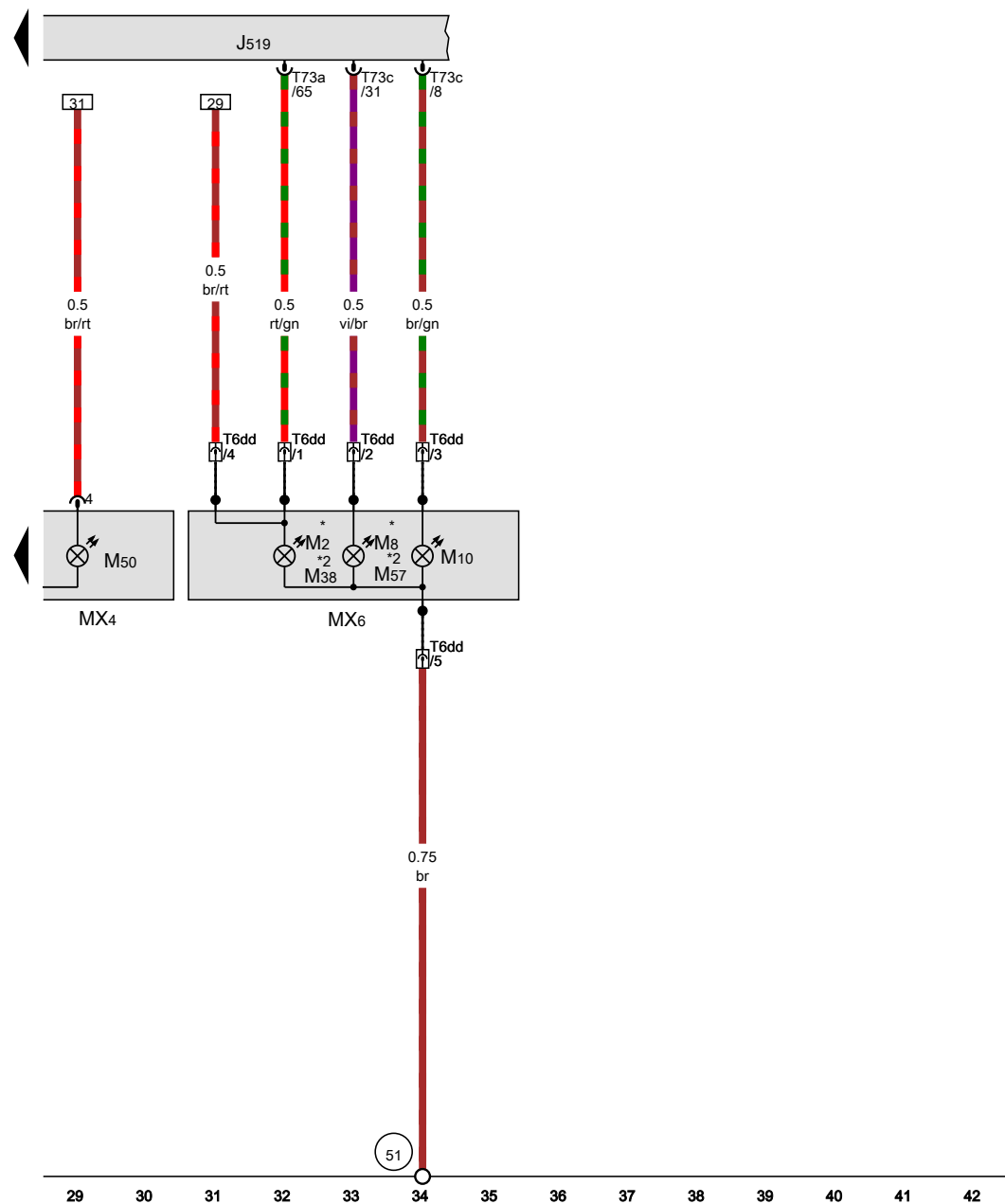
386 Earth connection 21, in main wiring harness

B182 Connection (RL), in interior wiring harness

* Only models with no US equipment

*2 Only models with US equipment

Onboard supply control unit, Right tail light, Right tail light 2



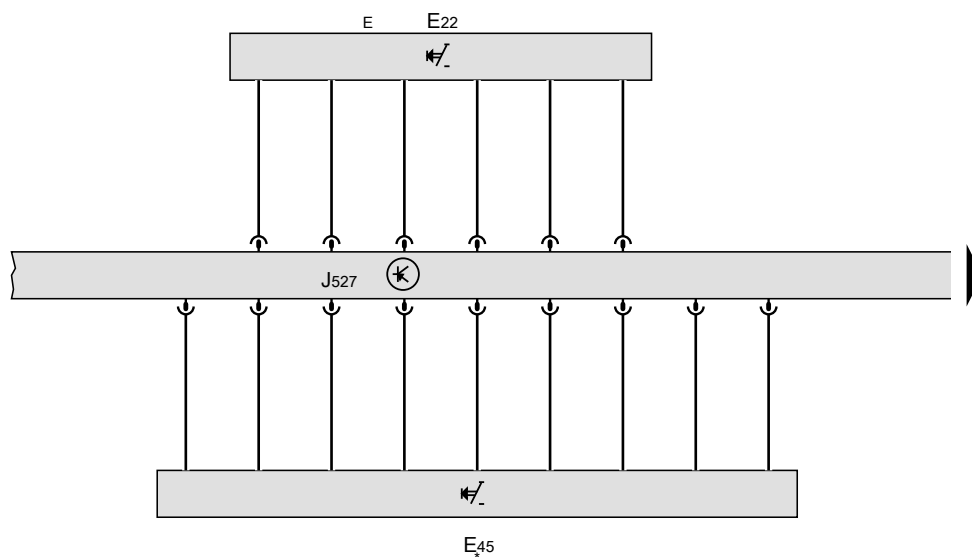
- J519 Onboard supply control unit
- M2 Right tail light bulb
- MX4 Right tail light
- MX6 Right tail light 2
- M8 Rear right turn signal bulb
- M10 Right brake light bulb
- M38 Rear right side marker bulb
- M50 Right tail light bulb 2
- M57 Right brake and turn signal bulb
- T6dd 6-pin connector
- T73a 73-pin connector
- T73c 73-pin connector
- 51 Earth point, on right in luggage compartment
- * Only models with no US equipment
- *2 Only models with US equipment

Basic equipment, 4-door RHD vehicles , (L0R)

From May 2013

Windscreen wiper switch, Intermittent wiper switch, Cruise control system switch, Steering column electronics control unit

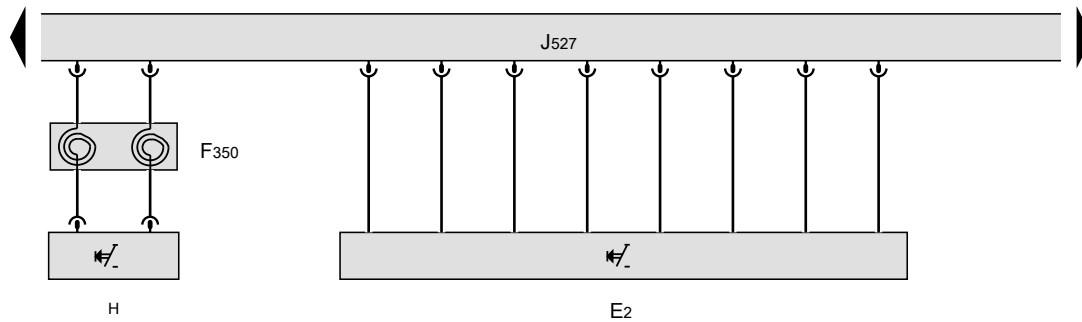
- E Windscreen wiper switch
- E22 Intermittent wiper switch
- E45 Cruise control system switch
- J527 Steering column electronics control unit
- * For models with cruise control system (CCS)



- ws = white
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- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Turn signal switch, Horn plate, Steering column electronics control unit

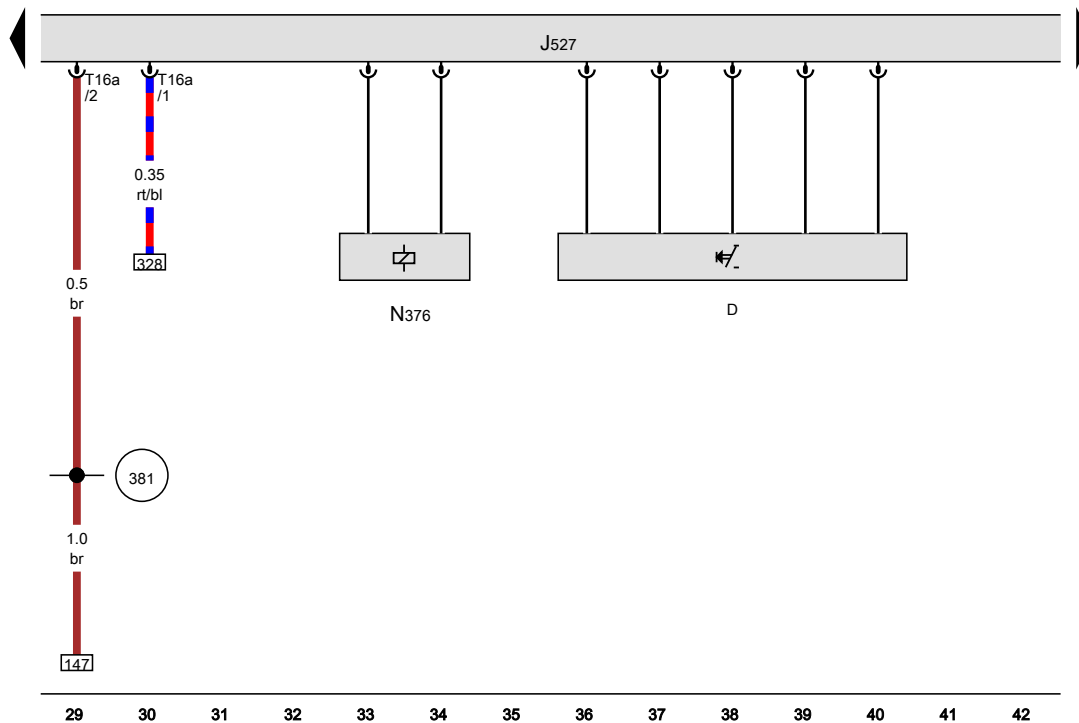
- E2 Turn signal switch
- F350 Coil connector
- H Horn plate
- J527 Steering column electronics control unit



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- ro = red
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- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Ignition/starter switch, Steering column electronics control unit

- D Ignition/starter switch
- J527 Steering column electronics control unit
- N376 Ignition key withdrawal lock solenoid
- T16a 16-pin connector
- 381 Earth connection 16, in main wiring harness

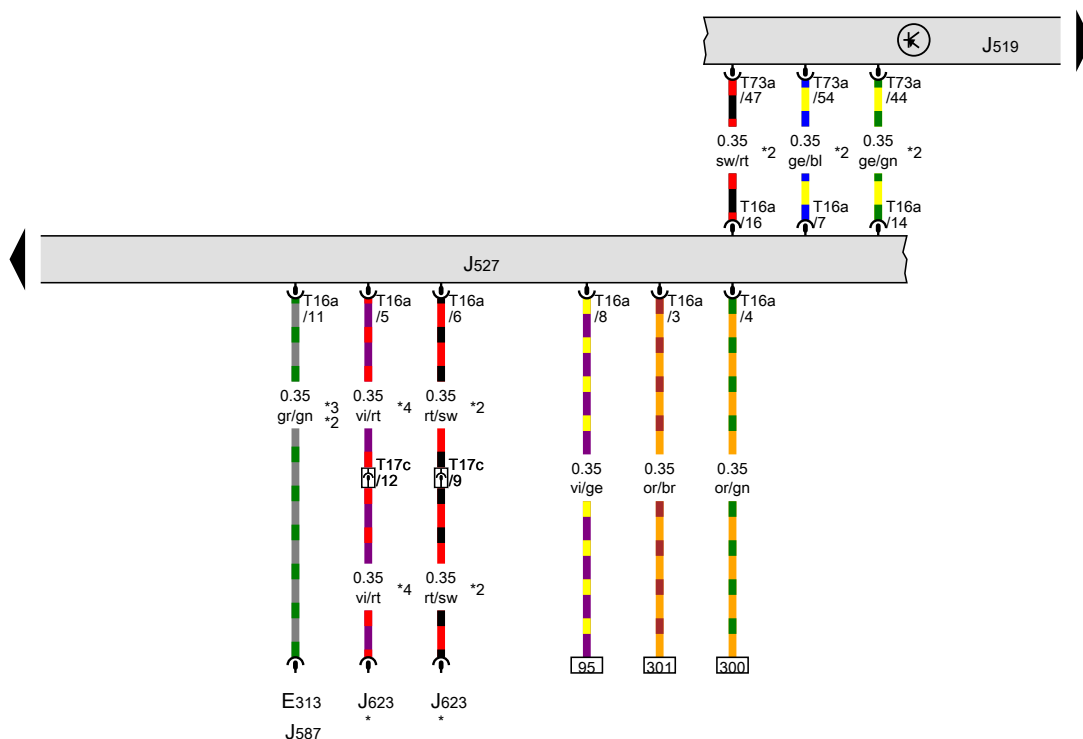


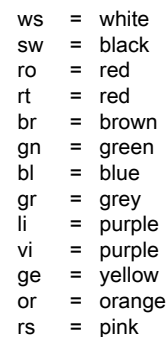
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
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[AVS-066040718]

Onboard supply control unit, Steering column electronics control unit

- E313 Selector lever
- J519 Onboard supply control unit
- J527 Steering column electronics control unit
- J587 Selector lever sensors control unit
- J623 Engine/motor control unit
- T16a 16-pin connector
- T17c 17-pin connector
- T73a 73-pin connector
- * see applicable current flow diagram for engine
- *2 For models with no entry and start authorisation
- *3 see applicable current flow diagram for automatic gearbox
- *4 For models with cruise control system (CCS)





J234	Airbag control unit
J519	Onboard supply control unit
T16	16-pin connector
T73a	73-pin connector
T73c	73-pin connector
T90	90-pin connector

- 369 Earth connection 4, in main wiring harness
- 375 Earth connection 10, in main wiring harness
- 382 Earth connection 17, in main wiring harness

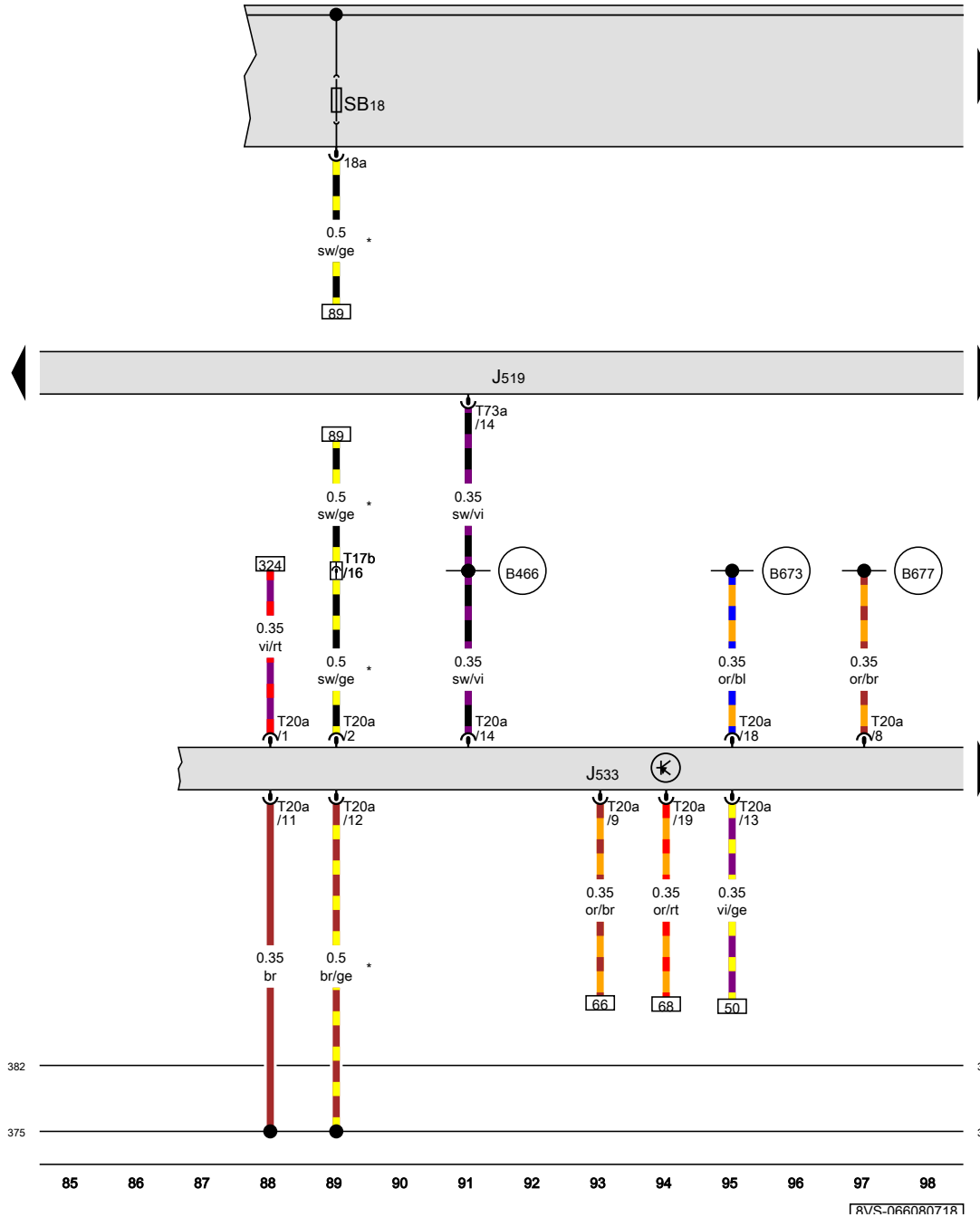
639 Earth point, left A-pillar

* Diagnostic connection

D2	Immobiliser reader coil
J285	Control unit in dash panel insert
J519	Onboard supply control unit
T2jm	2-pin connector
T18	18-pin connector

- 375 Earth connection 10, in main wiring harness
- 382 Earth connection 17, in main wiring harness





Onboard supply control unit, Data bus diagnostic interface

- J519 Onboard supply control unit
- J533 Data bus diagnostic interface
- SB18 Fuse 18 on fuse holder B
- T17b 17-pin connector
- T20a 20-pin connector
- T73a 73-pin connector

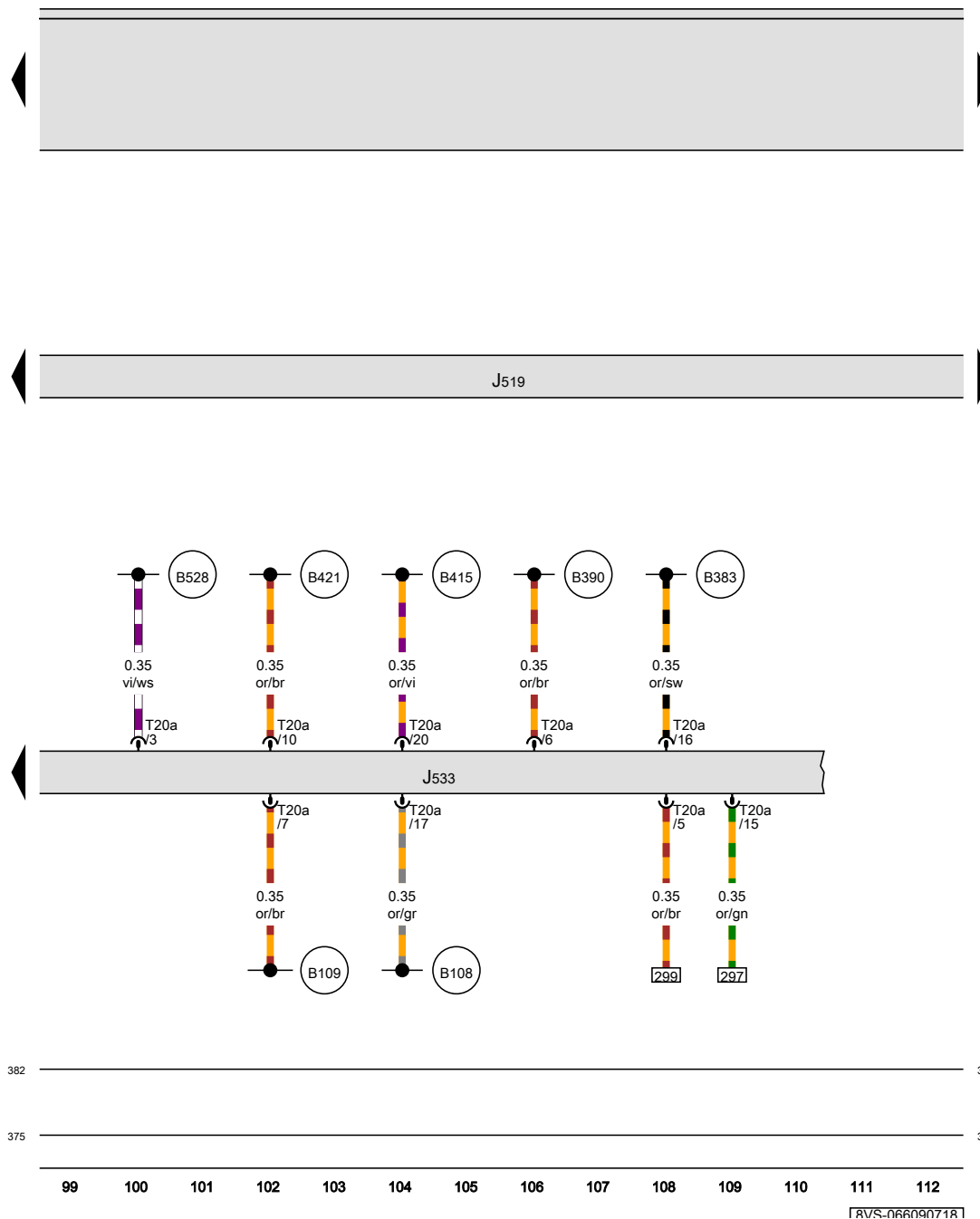
- 375 Earth connection 10, in main wiring harness
- 382 Earth connection 17, in main wiring harness
- B466 Connection 2, in main wiring harness
- B673 Connection 2 (running gear/dash panel insert CAN bus, high), in main wiring harness
- B677 Connection 2 (running gear/dash panel insert CAN bus, low), in main wiring harness

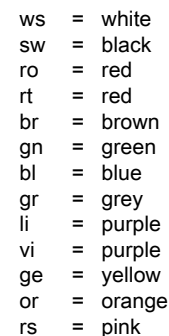
* For models with no start/stop system

Onboard supply control unit, Data bus diagnostic interface

J519 Onboard supply control unit
J533 Data bus diagnostic interface
T20a 20-pin connector

- 375 Earth connection 10, in main wiring harness
- 382 Earth connection 17, in main wiring harness
- B108 Connection 1 (CAN bus extended high), in main wiring harness
- B109 Connection 1 (CAN bus extended low), in main wiring harness
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- B415 Connection 1 (infotainment CAN bus, high), in main wiring harness
- B421 Connection 1 (infotainment CAN bus, low), in main wiring harness
- B528 Connection 1 (LIN bus) in main wiring harness

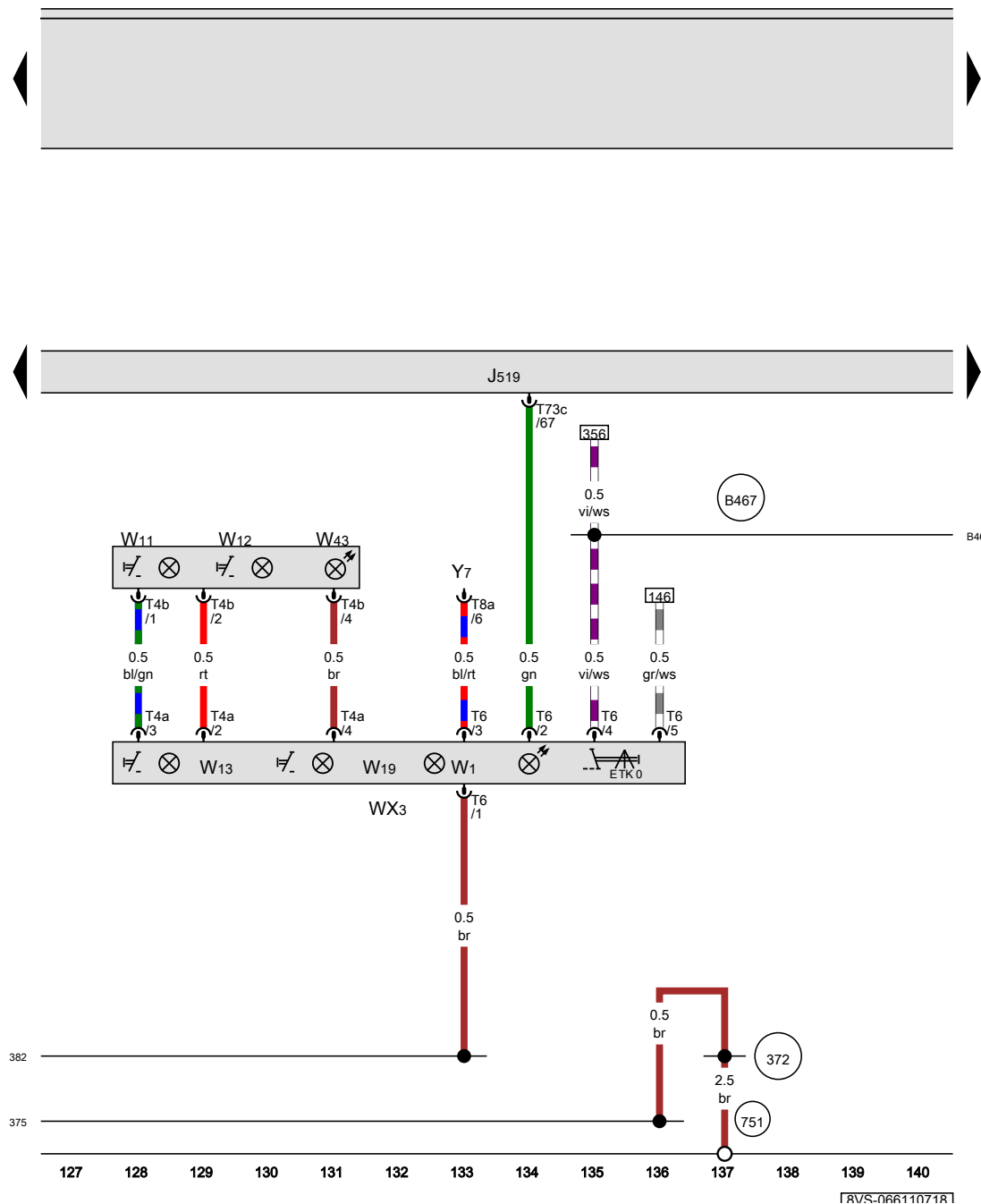




- 375 Earth connection 10, in main wiring harness
- 382 Earth connection 17, in main wiring harness
- B316 Positive connection 2 (30a) in main wiring harness
- B549 Connection 2 (LIN bus) in main wiring harness
- D106 Connection 4 in engine compartment wiring harness

* According to equipment

*2 For models with no automatic headlight range control

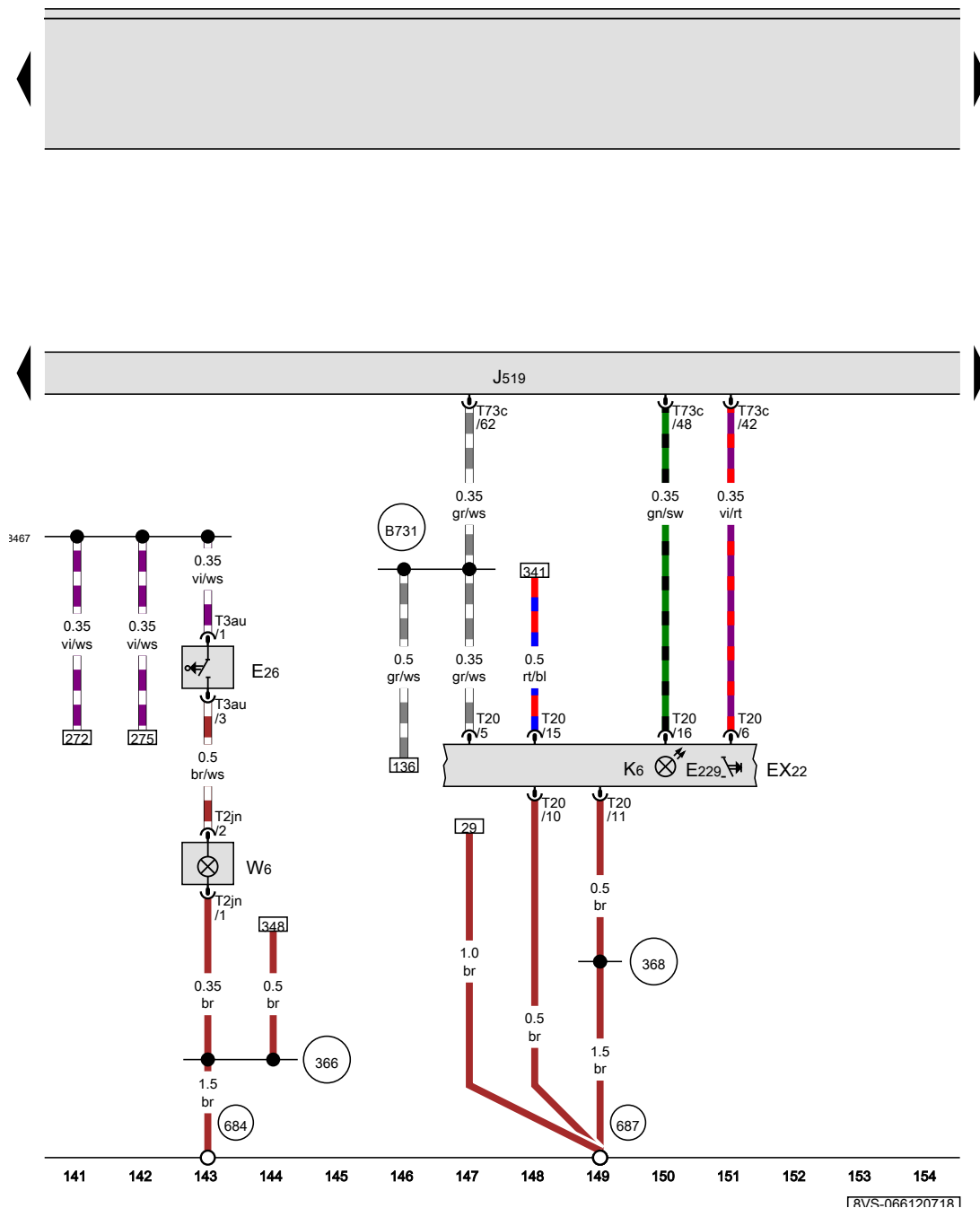


Onboard supply control unit, Front roof module, Rear interior light

- J519 Onboard supply control unit
- T4a 4-pin connector
- T4b 4-pin connector
- T6 6-pin connector
- T8a 8-pin connector
- T73c 73-pin connector
- W1 Front interior light
- WX3 Front roof module
- W11 Rear left reading light
- W12 Rear right reading light
- W13 Front passenger reading light
- W19 Driver side reading light
- W43 Rear interior light
- Y7 Automatic anti-dazzle interior mirror

- 372 Earth connection 7, in main wiring harness
- 375 Earth connection 10, in main wiring harness
- 382 Earth connection 17, in main wiring harness
- 751 Earth point 2, on right A-pillar
- B467 Connection 3, in main wiring harness

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



Centre switch module in dash panel, Glove compartment light switch, Hazard warning lights button, Onboard supply control unit, Glove compartment light

- EX22 Centre switch module in dash panel
- E26 Glove compartment light switch
- E229 Hazard warning lights button
- J519 Onboard supply control unit
- K6 Indicator lamp for hazard warning light
- T2jn 2-pin connector
- T3au 3-pin connector
- T20 20-pin connector
- T73c 73-pin connector
- W6 Glove compartment light

- 366 Earth connection 1, in main wiring harness
- 368 Earth connection 3, in main wiring harness
- 684 Earth point on front of left side member
- 687 Earth point 1, on centre tunnel
- B467 Connection 3, in main wiring harness
- B731 Connection 1 (58s), in main wiring harness

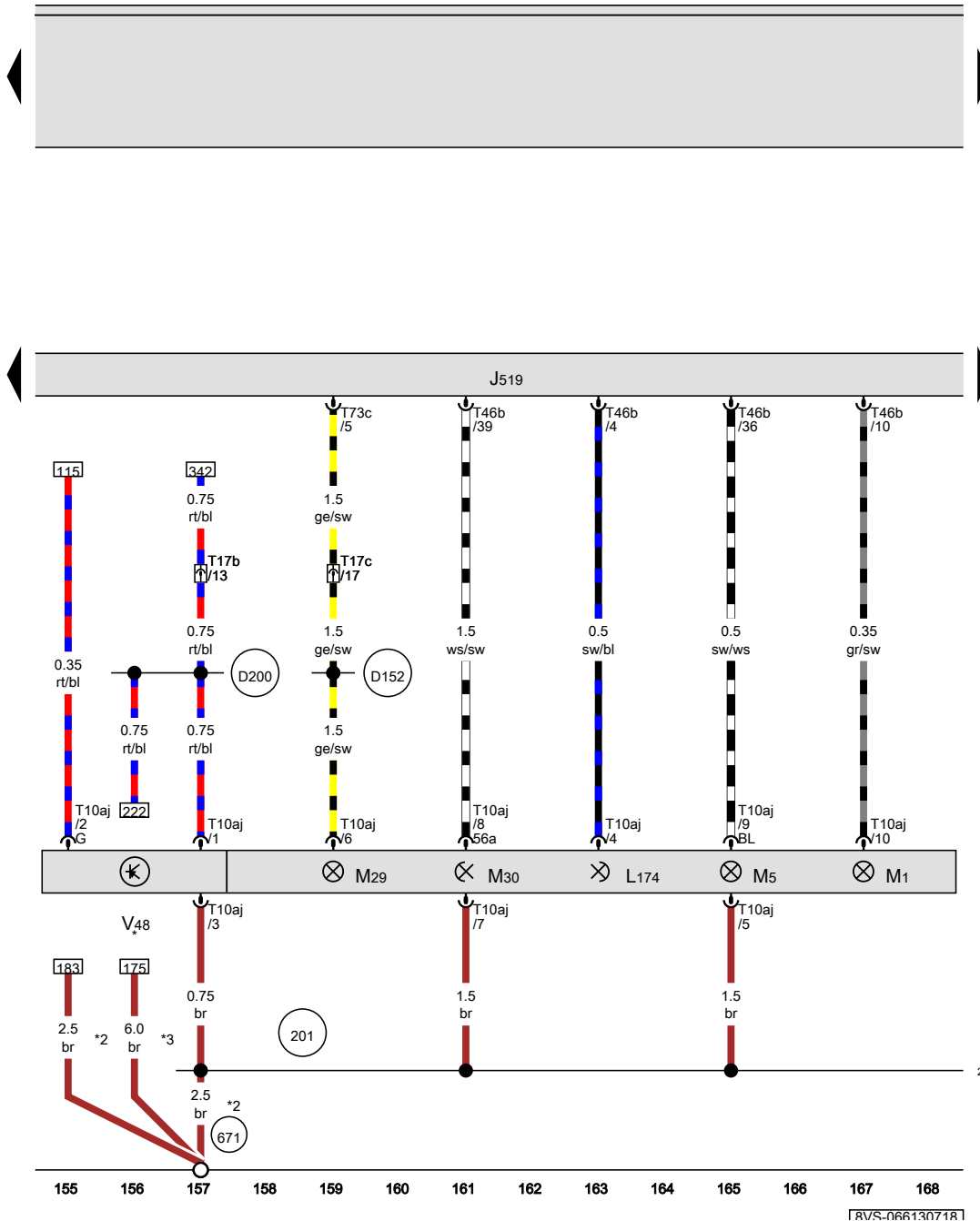
ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

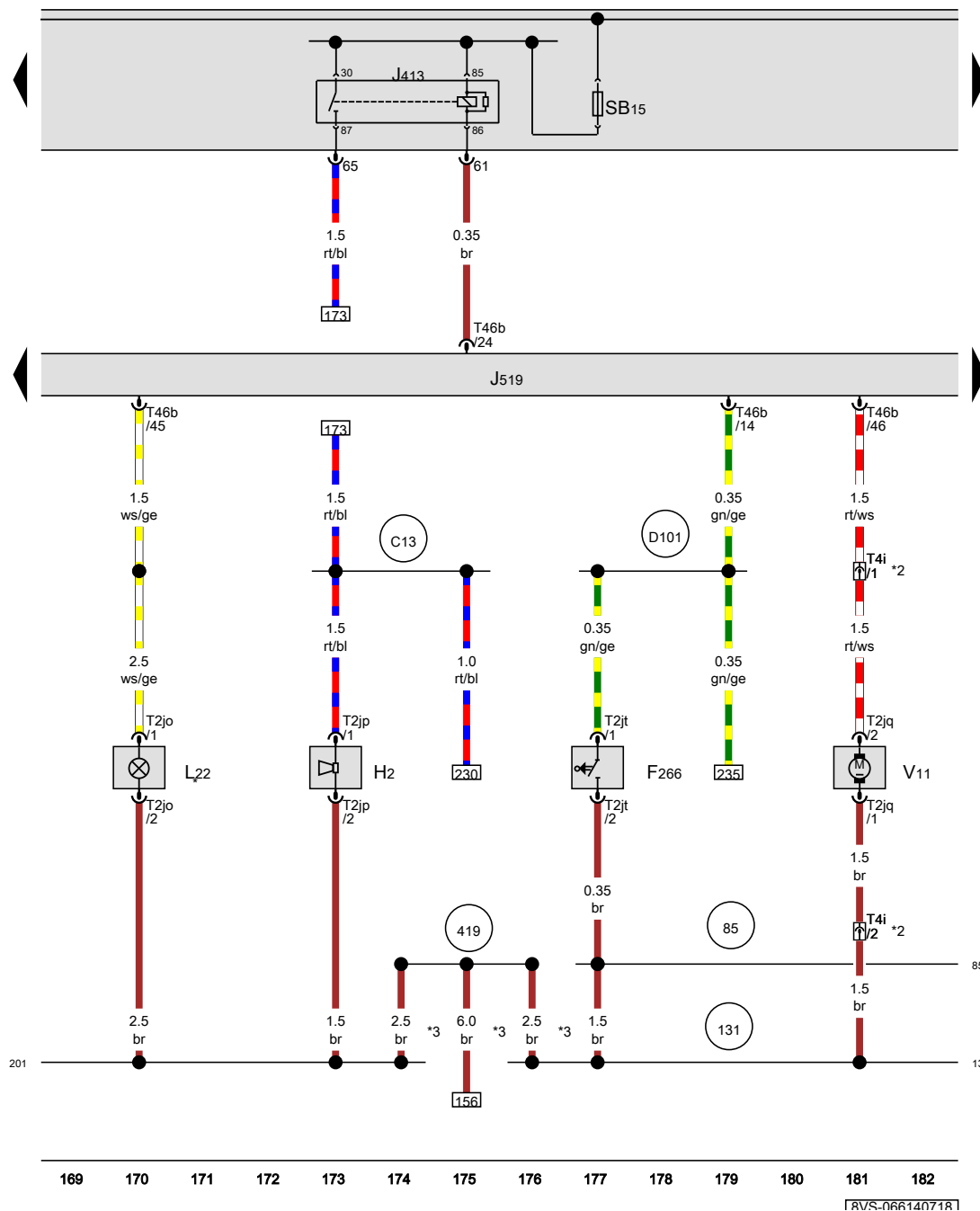
Onboard supply control unit, Left daytime running light bulb, Left side light bulb, Front left turn signal bulb, Left headlight dipped beam bulb, Left headlight main beam bulb, Left headlight range control motor

- J519 Onboard supply control unit
- L174 Left daytime running light bulb
- M1 Left side light bulb
- M5 Front left turn signal bulb
- M29 Left headlight dipped beam bulb
- M30 Left headlight main beam bulb
- T10aj 10-pin connector
- T17b 17-pin connector
- T17c 17-pin connector
- T46b 46-pin connector
- T73c 73-pin connector
- V48 Left headlight range control motor

- 201 Earth connection 5, in engine compartment wiring harness
- 671 Earth point 1, on front of left longitudinal member
- D152 Positive connection 1 (56b), in engine compartment wiring harness
- D200 Positive connection 3 (15a), in engine compartment wiring harness
- * For models with headlight range control
- *2 Gradually discontinued
- *3 gradual introduction

ws = white
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ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink





Bonnet contact switch, Treble horn, Onboard supply control unit, Left fog light bulb, Headlight washer system pump

- F266 Bonnet contact switch
- H2 Treble horn
- J413 Horn relay
- J519 Onboard supply control unit
- L22 Left fog light bulb
- SB15 Fuse 15 on fuse holder B
- T2jo 2-pin connector
- T2jp 2-pin connector
- T2jq 2-pin connector
- T2jt 2-pin connector
- T4i 4-pin connector
- T46b 46-pin connector
- V11 Headlight washer system pump

- 85 Earth connection 1, in engine compartment wiring harness
- 131 Earth connection 2, in engine compartment wiring harness
- 201 Earth connection 5, in engine compartment wiring harness
- 419 Earth connection 11, in engine compartment wiring harness
- C13 Positive connection in dual tone horn wiring harness
- D101 Connection 1 in engine compartment wiring harness

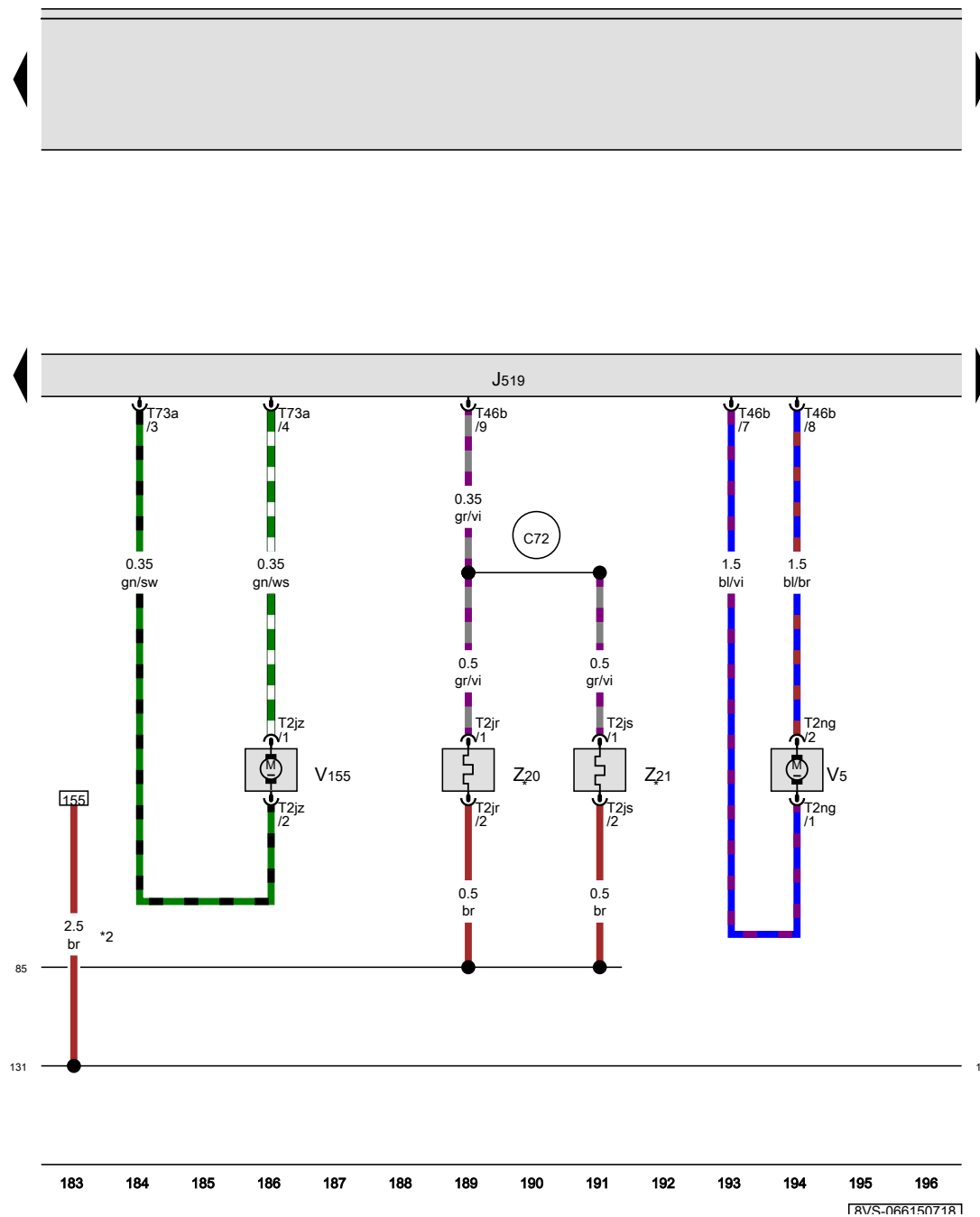
- * For models with fog lights
- *2 According to equipment
- *3 gradual introduction

ws = white
 sw = black
 ro = red
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 vi = purple
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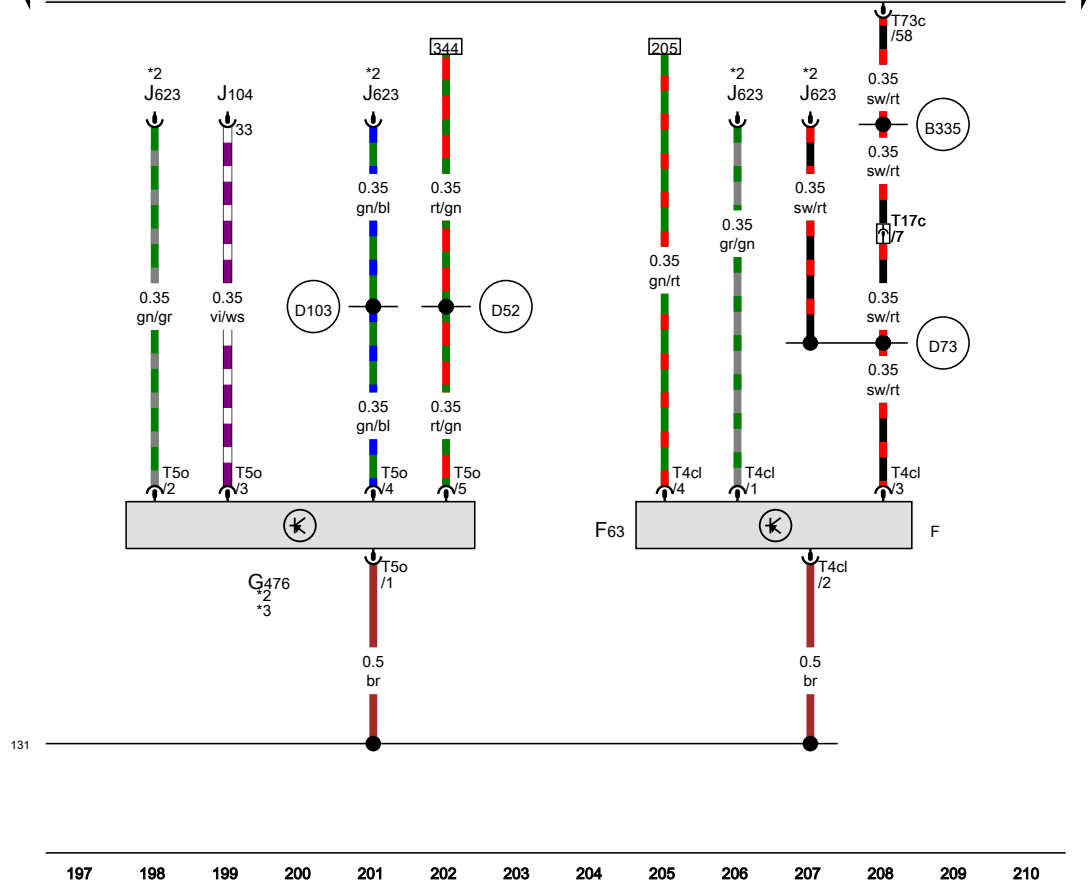
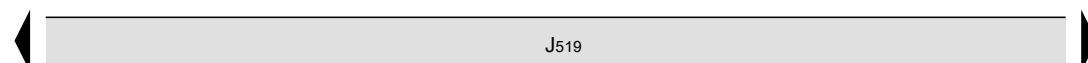
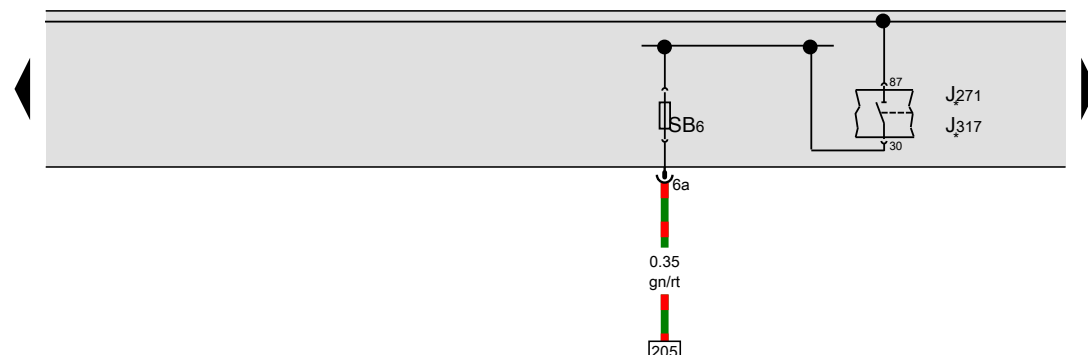
Onboard supply control unit, Washer pump, Tank filler flap locking motor, Left washer jet heater element, Right washer jet heater element

- J519 Onboard supply control unit
- T2jr 2-pin connector
- T2js 2-pin connector
- T2jz 2-pin connector
- T2ng 2-pin connector
- T46b 46-pin connector
- T73a 73-pin connector
- V5 Washer pump
- V155 Tank filler flap locking motor
- Z20 Left washer jet heater element
- Z21 Right washer jet heater element

- 85 Earth connection 1, in engine compartment wiring harness
- 131 Earth connection 2, in engine compartment wiring harness
- C72 Positive connection in heated washer jet wiring harness
- * For models with heater element for washer jets
- *2 Gradually discontinued



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- bl = blue
- gr = grey
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- vi = purple
- ge = yellow
- or = orange
- rs = pink



Brake pedal switch, Clutch position sender, Onboard supply control unit

- F Brake light switch
- F63 Brake pedal switch
- G476 Clutch position sender
- J104 ABS control unit
- J271 Main relay
- J317 Terminal 30 voltage supply relay
- J519 Onboard supply control unit
- J623 Engine/motor control unit
- SB6 Fuse 6 on fuse holder B
- T4cl 4-pin connector
- T5o 5-pin connector
- T17c 17-pin connector
- T73c 73-pin connector

- 131 Earth connection 2, in engine compartment wiring harness
- B335 Connection 1 (54), in main wiring harness
- D52 Positive connection (15a), in engine compartment wiring harness
- D73 Positive connection (54), in engine compartment wiring harness
- D103 Connection 3 in engine compartment wiring harness
- * According to equipment
- *2 see applicable current flow diagram for engine
- *3 For models with manual gearbox

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- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

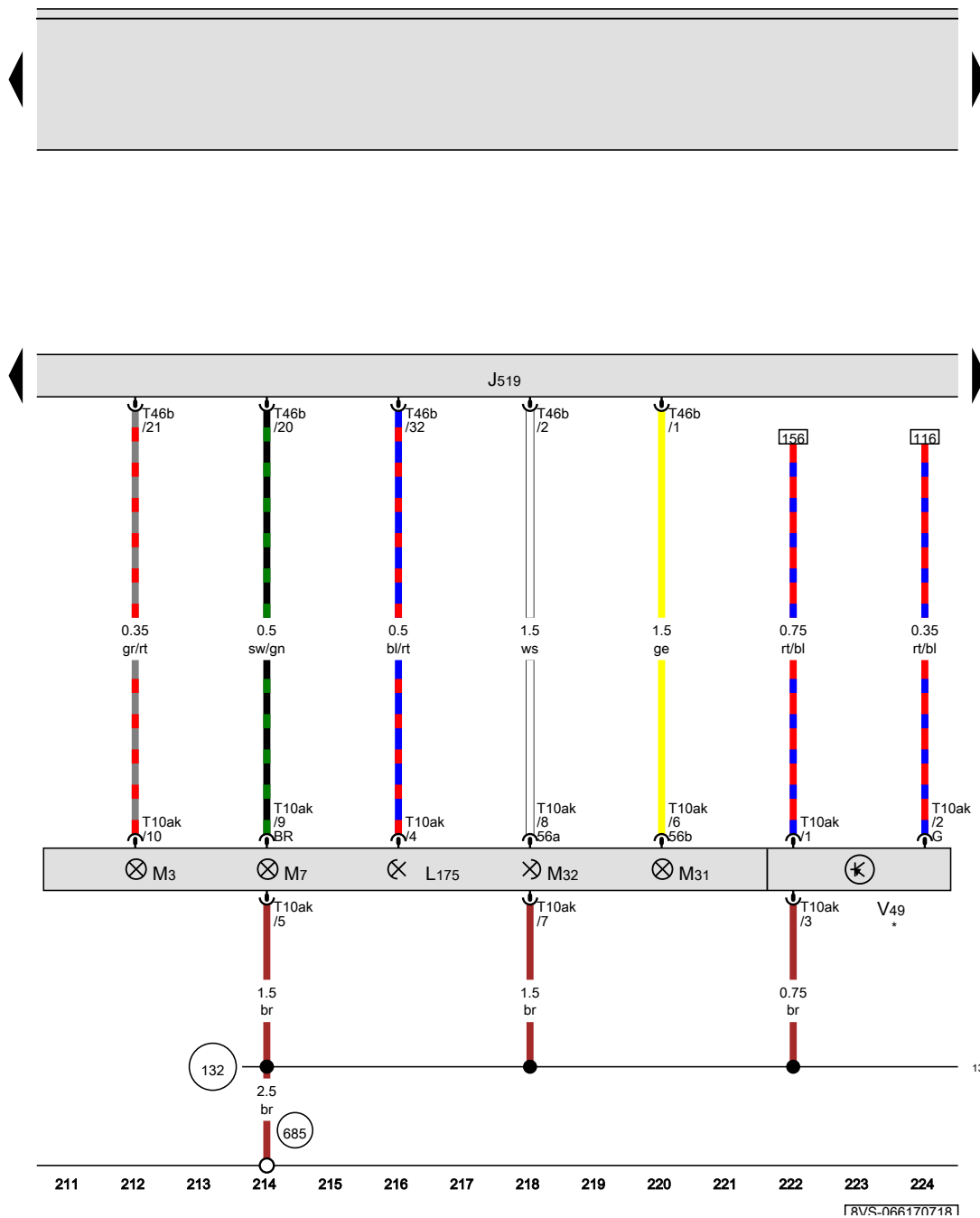
Onboard supply control unit, Right daytime running light bulb, Right side light bulb, Front right turn signal bulb, Right headlight dipped beam bulb, Right headlight main beam bulb, Right headlight range control motor

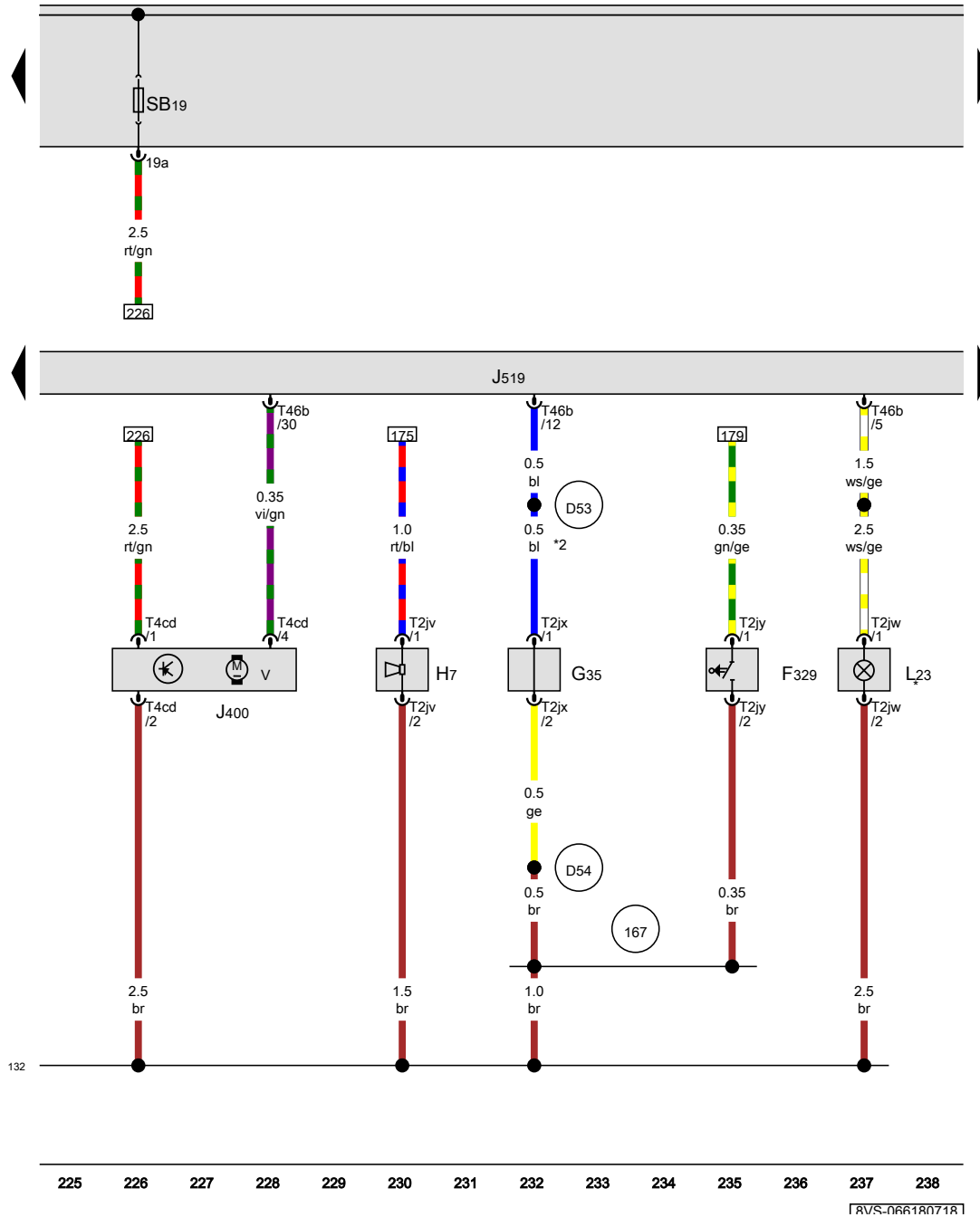
- J519 Onboard supply control unit
- L175 Right daytime running light bulb
- M3 Right side light bulb
- M7 Front right turn signal bulb
- M31 Right headlight dipped beam bulb
- M32 Right headlight main beam bulb
- T10ak 10-pin connector
- T46b 46-pin connector
- V49 Right headlight range control motor

132 Earth connection 3, in engine compartment wiring harness

685 Earth point 1, on front of right longitudinal member

* For models with headlight range control





Bonnet contact switch 2, Front right brake pad wear sender, Bass horn, Wiper motor control unit, Onboard supply control unit, Right fog light bulb, Windscreen wiper motor

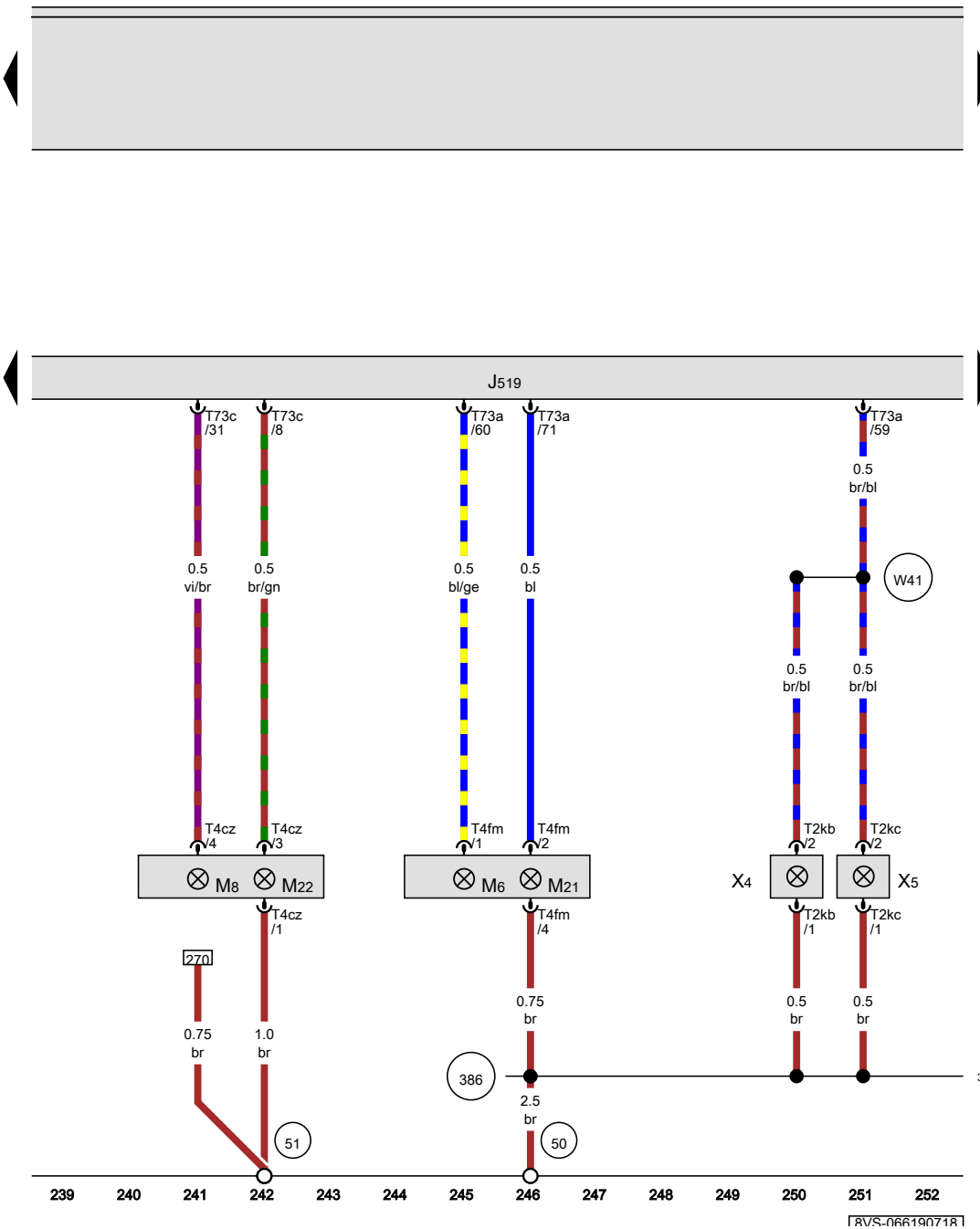
- F329 Bonnet contact switch 2
- G35 Front right brake pad wear sender
- H7 Bass horn
- J400 Wiper motor control unit
- J519 Onboard supply control unit
- L23 Right fog light bulb
- SB19 Fuse 19 on fuse holder B
- T2jv 2-pin connector
- T2jw 2-pin connector
- T2jx 2-pin connector
- T2jy 2-pin connector
- T4cd 4-pin connector
- T46b 46-pin connector
- V Windscreen wiper motor

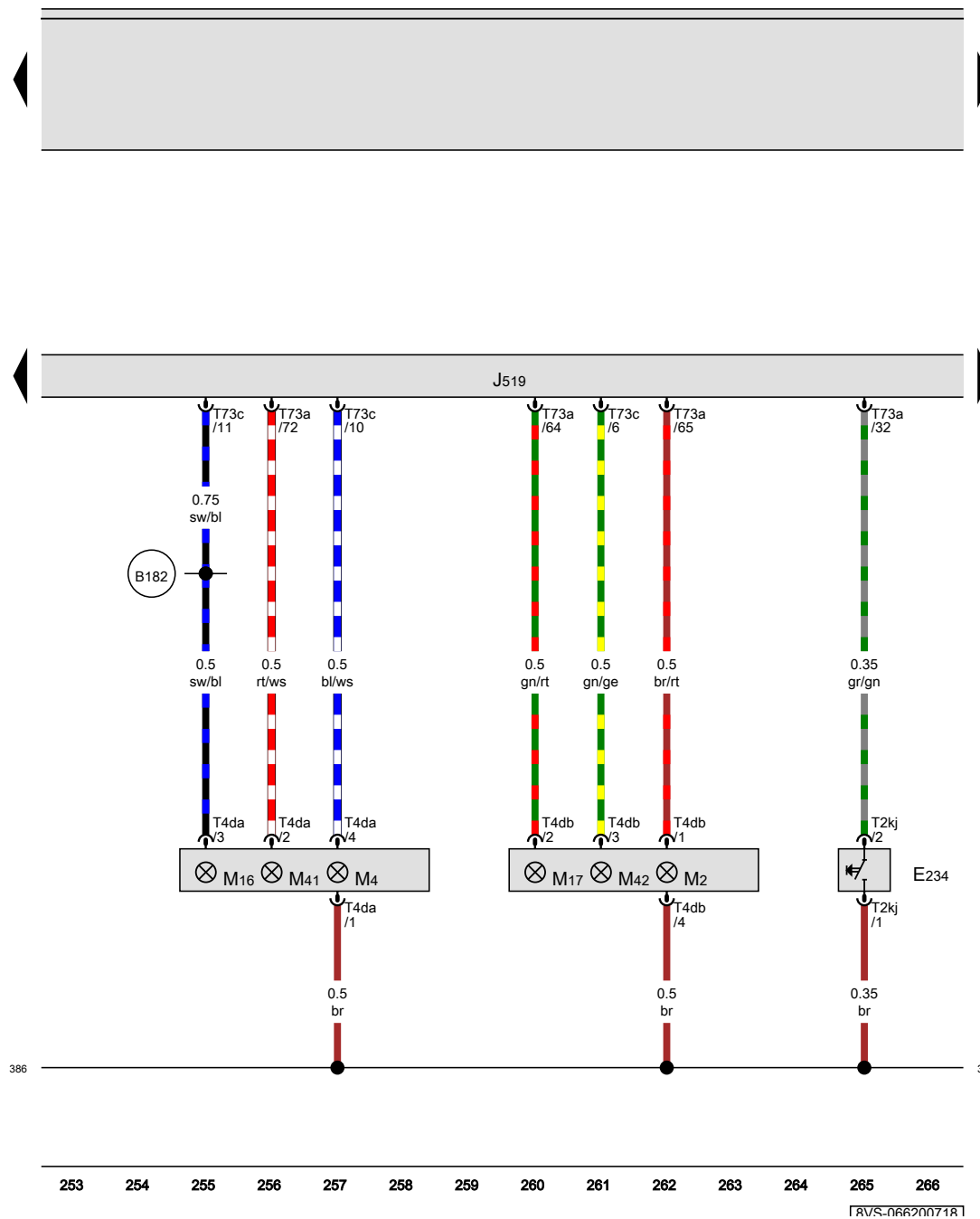
- 132 Earth connection 3, in engine compartment wiring harness
- 167 Earth connection 4, in engine compartment wiring harness
- D53 Connection (right brake wear indicator), in engine compartment wiring harness
- D54 Connection (right brake wear indicator), in engine compartment wiring harness
- * For models with fog lights
- *2 Wiring colour depends on equipment

Onboard supply control unit, Rear left turn signal bulb, Rear right turn signal bulb, Left brake and tail light bulb, Right brake and tail light bulb

- J519 Onboard supply control unit
- M6 Rear left turn signal bulb
- M8 Rear right turn signal bulb
- M21 Left brake and tail light bulb
- M22 Right brake and tail light bulb
- T2kb 2-pin connector
- T2kc 2-pin connector
- T4cz 4-pin connector
- T4fm 4-pin connector
- T73a 73-pin connector
- T73c 73-pin connector
- X4 Left number plate light
- X5 Right number plate light

- 50 Earth point, on left in luggage compartment
- 51 Earth point, on right in luggage compartment
- 386 Earth connection 21, in main wiring harness
- W41 Positive connection (58), in number plate lights wiring harness



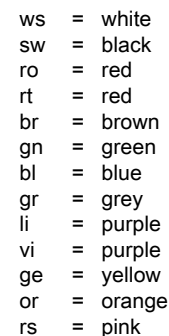


Rear lid handle release button, Onboard supply control unit, Right tail light bulb, Left tail light bulb, Left reversing light bulb, Right reversing light bulb, Left tail light and rear fog light bulb, Right tail light and rear fog light bulb

- E234 Rear lid handle release button
- J519 Onboard supply control unit
- M2 Right tail light bulb
- M4 Left tail light bulb
- M16 Left reversing light bulb
- M17 Right reversing light bulb
- M41 Left tail light and rear fog light bulb
- M42 Right tail light and rear fog light bulb
- T2kj 2-pin connector
- T4da 4-pin connector
- T4db 4-pin connector
- T73a 73-pin connector
- T73c 73-pin connector

386 Earth connection 21, in main wiring harness

B182 Connection (RL), in interior wiring harness



* According to equipment

Reversing light switch, Brake fluid level warning contact, Coolant shortage indicator switch, Ambient temperature sensor, Windscreen washer fluid level sender, Onboard supply control unit

- F4 Reversing light switch
- F34 Brake fluid level warning contact
- F66 Coolant shortage indicator switch
- G17 Ambient temperature sensor
- G33 Windscreen washer fluid level sender
- J519 Onboard supply control unit
- T2ke 2-pin connector
- T2kf 2-pin connector
- T2kg 2-pin connector
- T2kh 2-pin connector
- T2kp 2-pin connector
- T4i 4-pin connector
- T17c 17-pin connector
- T46b 46-pin connector

327 Earth connection (sender earth), in engine compartment wiring harness

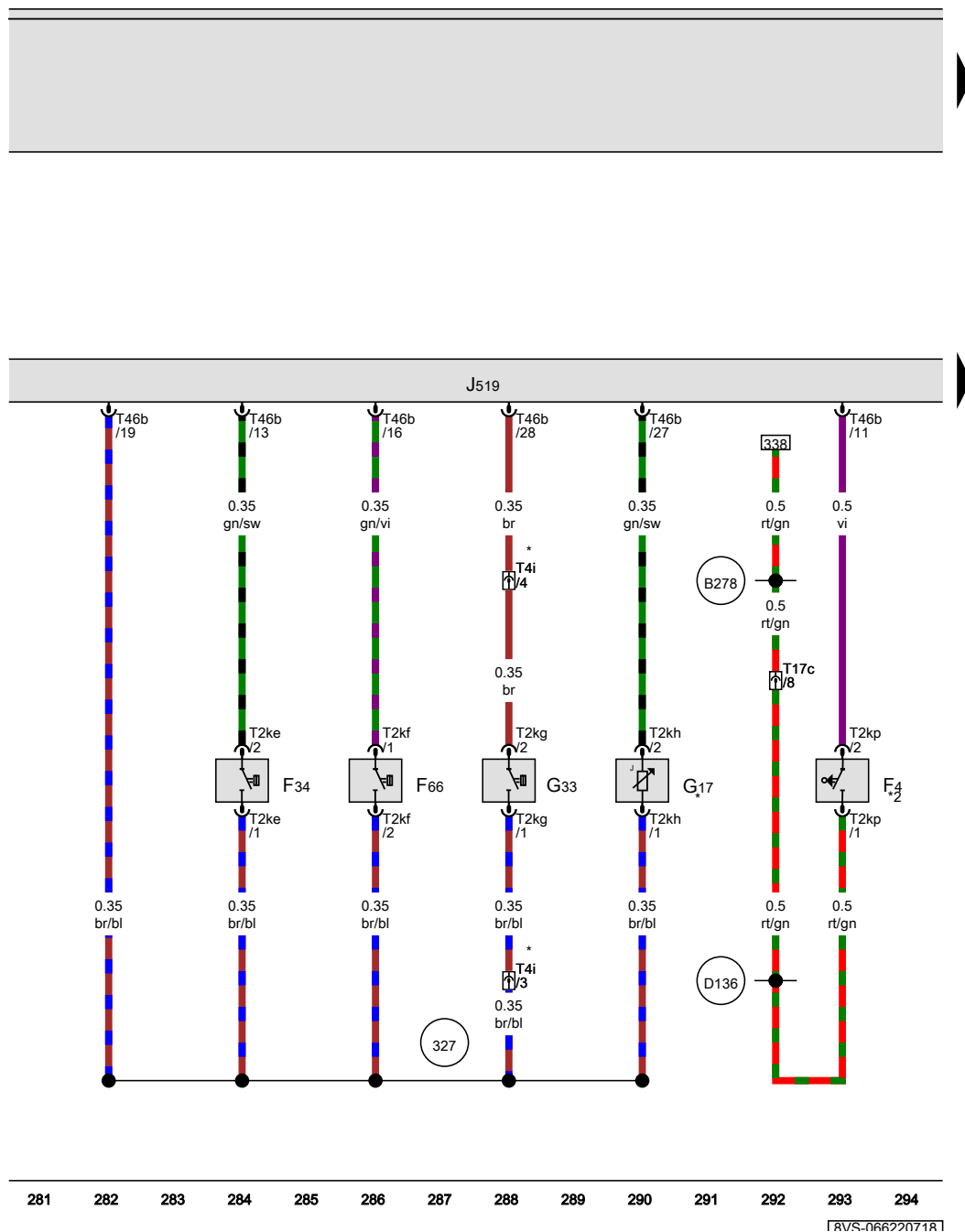
B278 Positive connection 2 (15a) in main wiring harness

D136 Positive connection 2 (15a), in engine compartment wiring harness

* According to equipment

*2 For models with manual gearbox

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink



Driver side central locking lock unit, Driver door control unit, Onboard supply control unit, Driver side turn signal repeater bulb

- F2 Driver door contact switch
- F220 Driver side central locking lock unit
- J386 Driver door control unit
- J519 Onboard supply control unit
- L131 Driver side turn signal repeater bulb
- T8ak 8-pin connector
- T16e 16-pin connector
- T20c 20-pin connector
- T27a 27-pin connector

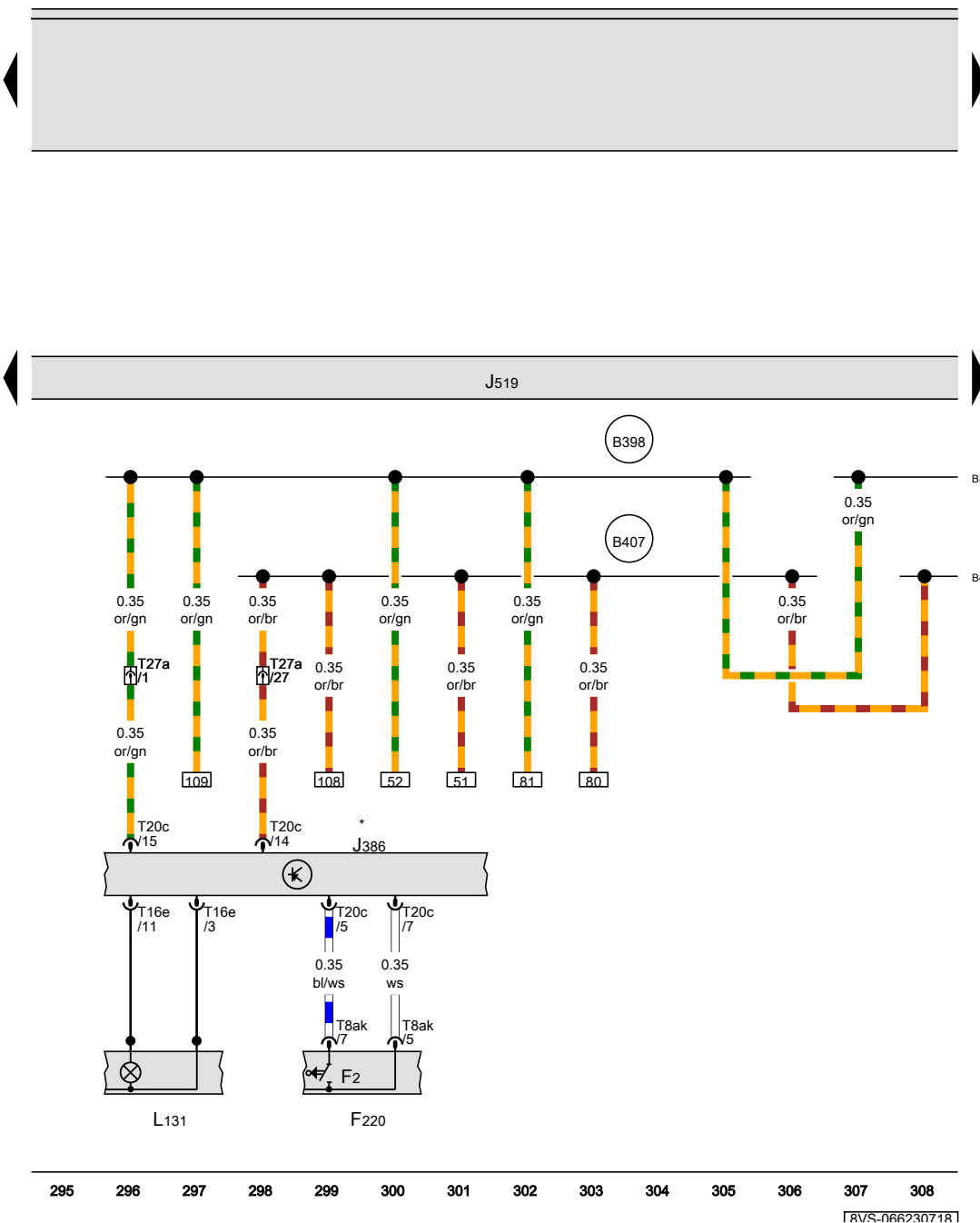
B397 Connection 1 (convenience CAN bus, high), in main wiring harness

B398 Connection 2 (convenience CAN bus, high), in main wiring harness

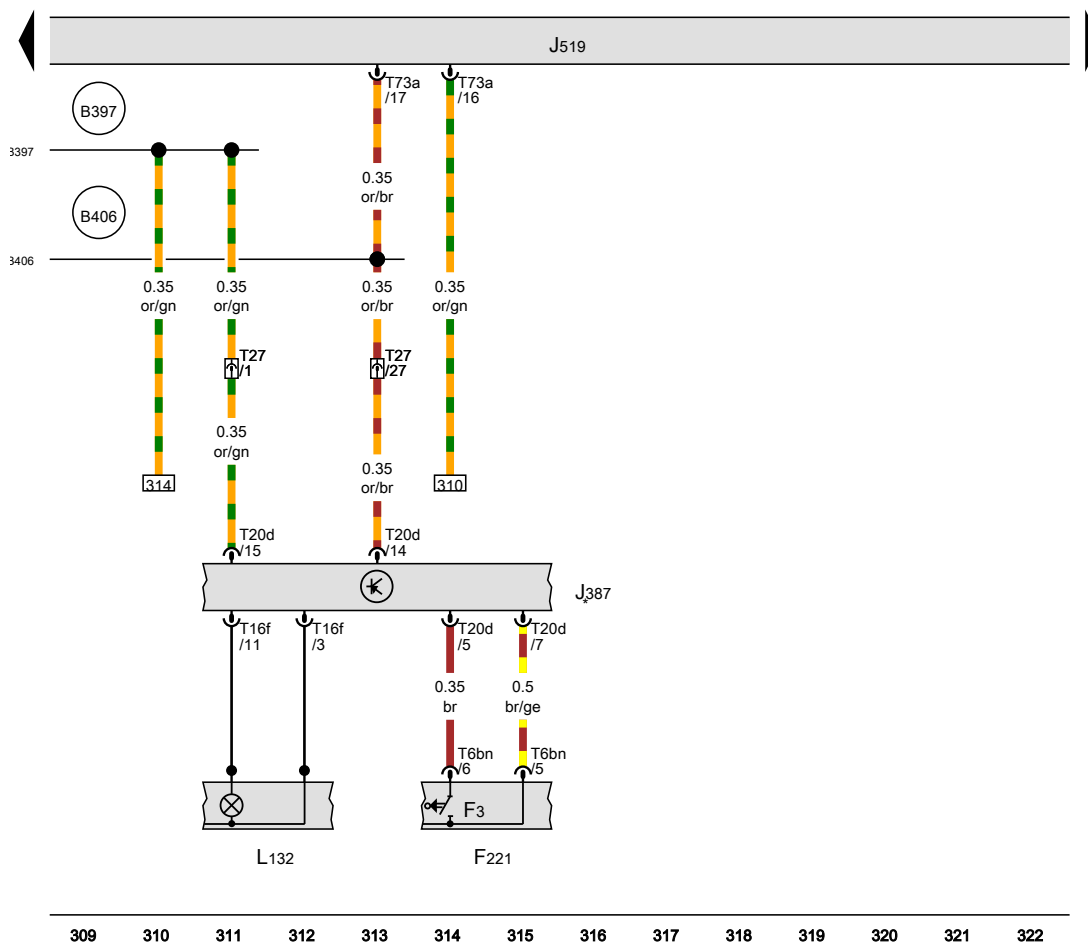
B406 Connection 1 (convenience CAN bus, low), in main wiring harness

B407 Connection 2 (convenience CAN bus, low), in main wiring harness

* see applicable current flow diagram for convenience system



- ws = white
- sw = black
- ro = red
- rt = red
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- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



Front passenger side central locking lock unit, Front passenger door control unit, Onboard supply control unit, Front passenger side turn signal repeater bulb

- F3 Front passenger door contact switch
- F221 Front passenger side central locking lock unit
- J387 Front passenger door control unit
- J519 Onboard supply control unit
- L132 Front passenger side turn signal repeater bulb
- T6bn 6-pin connector
- T16f 16-pin connector
- T20d 20-pin connector
- T27 27-pin connector
- T73a 73-pin connector

- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- * see applicable current flow diagram for convenience system

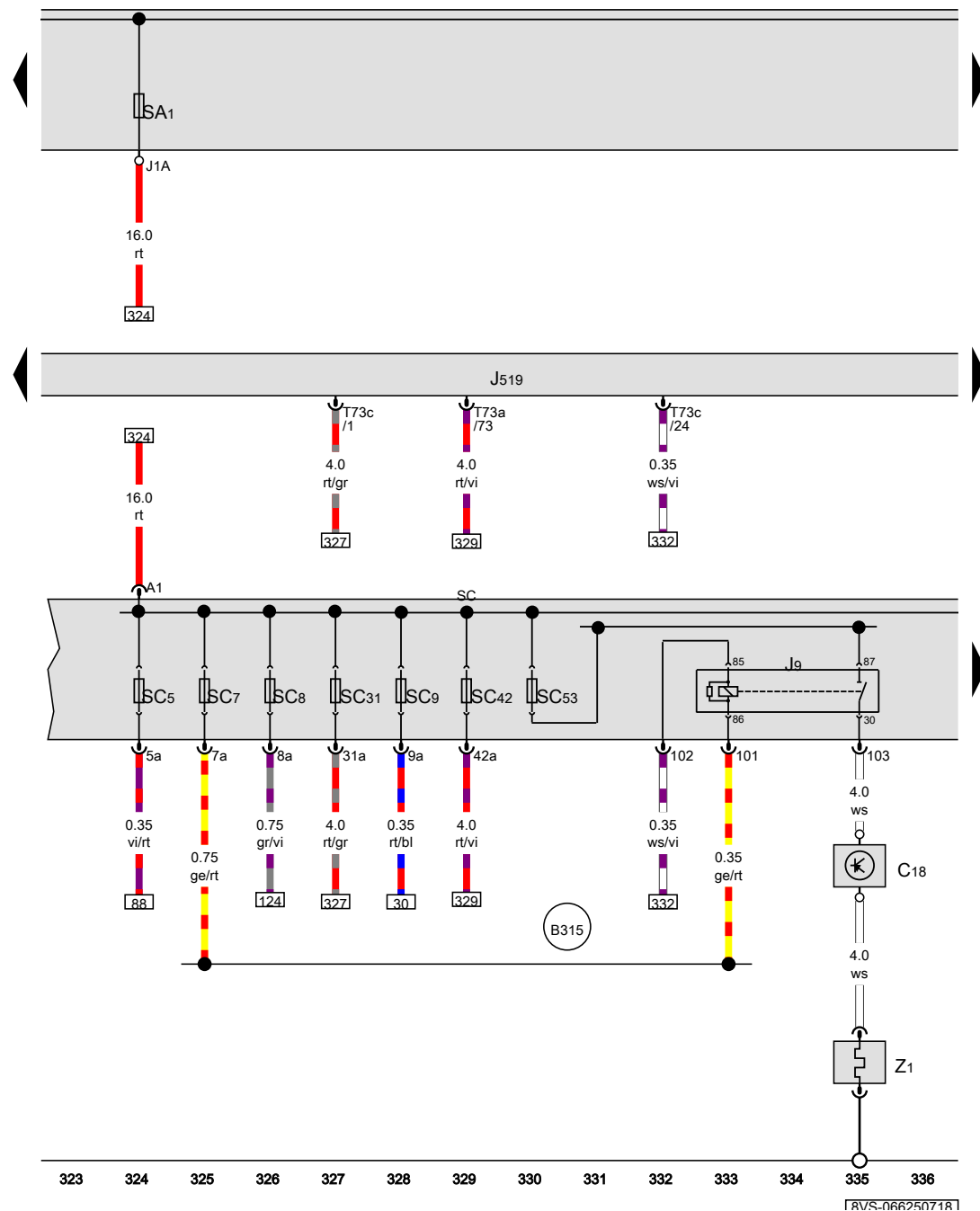
- ws = white
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Heated rear window relay, Onboard supply control unit,
Fuse holder C, Heated rear window

- C18 Window aerial suppression filter
- J9 Heated rear window relay
- J519 Onboard supply control unit
- SA1 Fuse 1 on fuse holder A
- SC Fuse holder C
- SC5 Fuse 5 on fuse holder C
- SC7 Fuse 7 on fuse holder C
- SC8 Fuse 8 on fuse holder C
- SC9 Fuse 9 on fuse holder C
- SC31 Fuse 31 on fuse holder C
- SC42 Fuse 42 on fuse holder C
- SC53 Fuse 53 on fuse holder C
- T73a 73-pin connector
- T73c 73-pin connector
- Z1 Heated rear window

B315 Positive connection 1 (30a) in main wiring harness

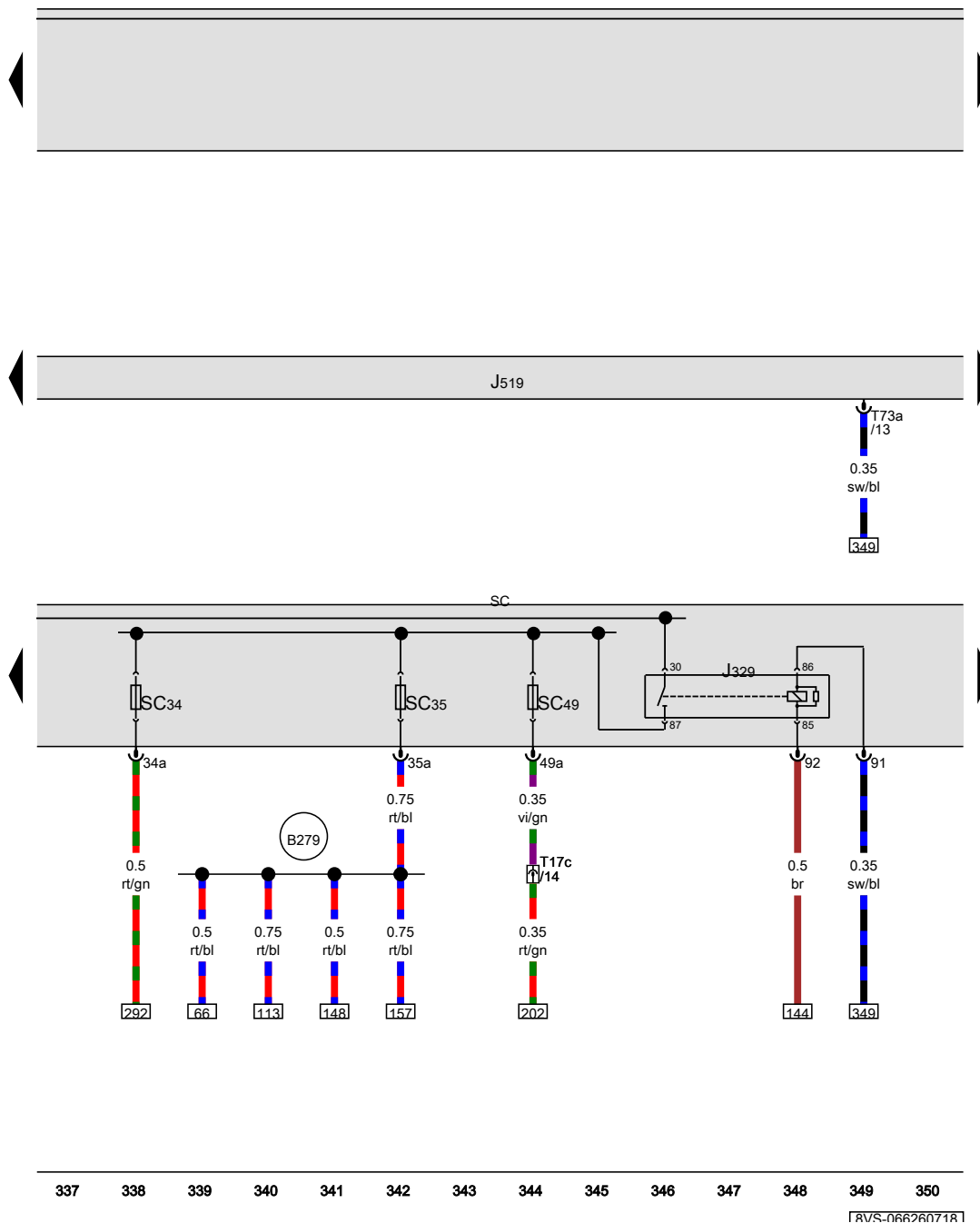
- ws = white
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Terminal 15 voltage supply relay, Onboard supply control unit, Fuse holder C

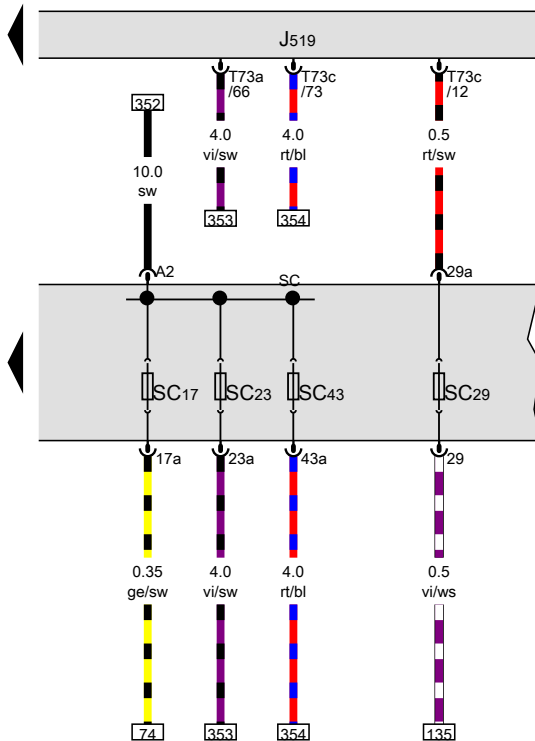
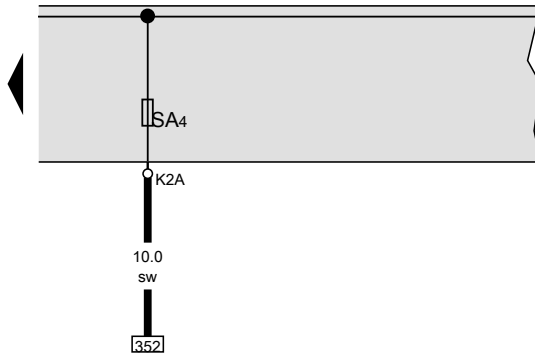
- J329 Terminal 15 voltage supply relay
- J519 Onboard supply control unit
- SC Fuse holder C
- SC34 Fuse 34 on fuse holder C
- SC35 Fuse 35 on fuse holder C
- SC49 Fuse 49 on fuse holder C
- T17c 17-pin connector
- T73a 73-pin connector

(B279) Positive connection 3 (15a) in main wiring harness



Onboard supply control unit, Fuse holder C

- J519 Onboard supply control unit
- SA4 Fuse 4 on fuse holder A
- SC Fuse holder C
- SC17 Fuse 17 on fuse holder C
- SC23 Fuse 23 on fuse holder C
- SC29 Fuse 29 on fuse holder C
- SC43 Fuse 43 on fuse holder C
- T73a 73-pin connector
- T73c 73-pin connector



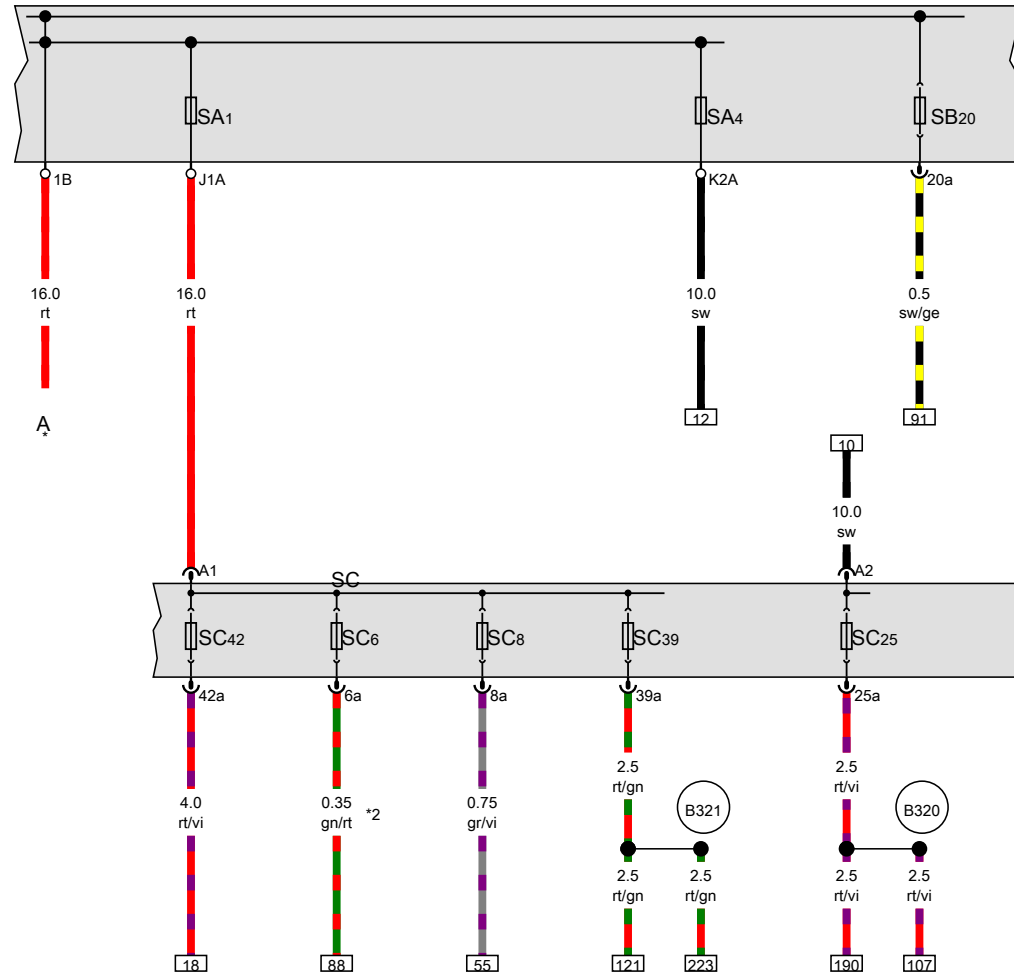
351 352 353 354 355 356 357 358 359 360 361 362 363 364

[AVS-06R270718]

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Convenience system, 4-door RHD vehicles , (L0R),(4H0),(4H3)

From May 2013



Fuse holder C

- A Battery
- SA1 Fuse 1 on fuse holder A
- SA4 Fuse 4 on fuse holder A
- SC Fuse holder C
- SC6 Fuse 6 on fuse holder C
- SC8 Fuse 8 on fuse holder C
- SB20 Fuse 20 on fuse holder B
- SC25 Fuse 25 on fuse holder C
- SC39 Fuse 39 on fuse holder C
- SC42 Fuse 42 on fuse holder C

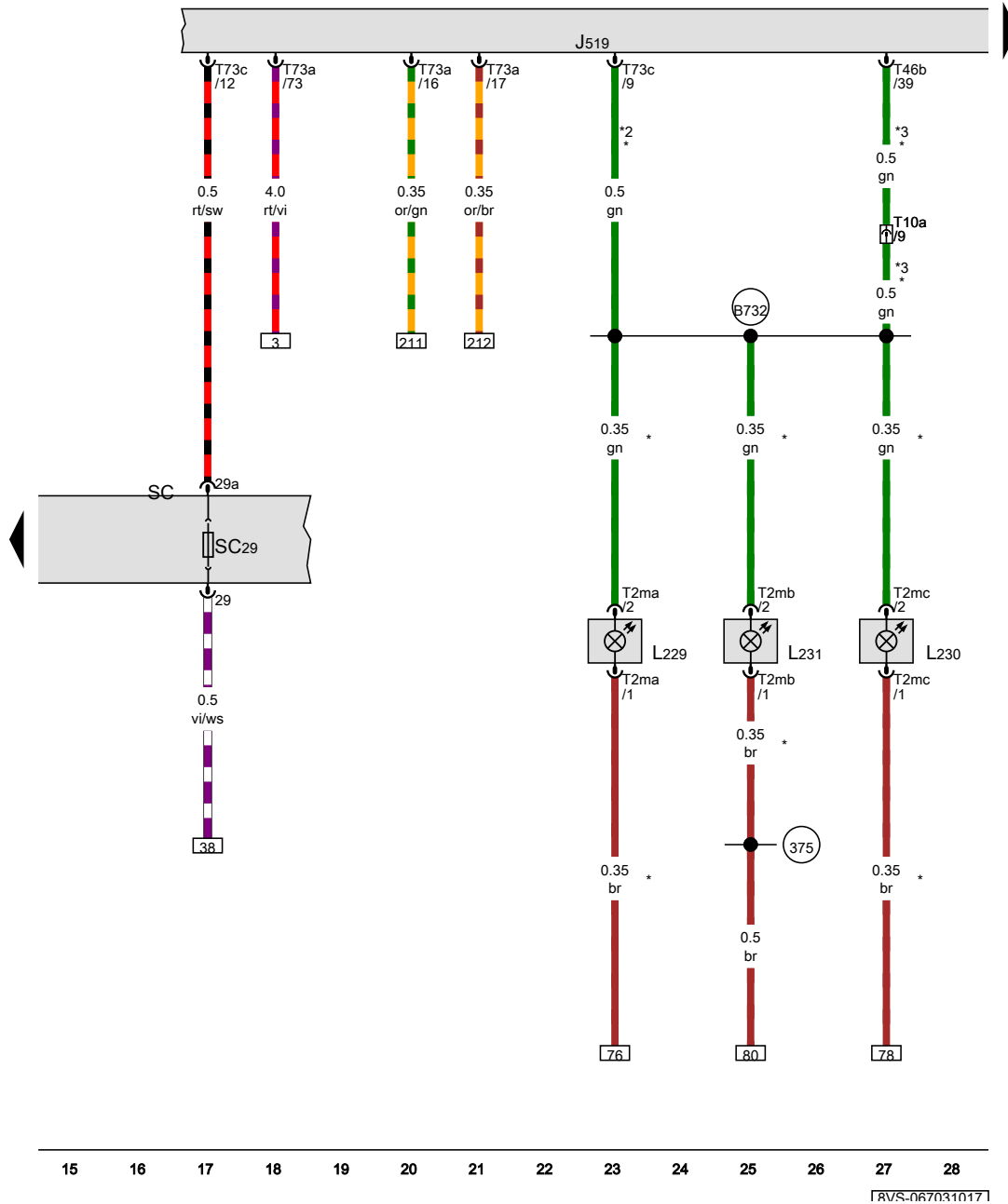
B320 Positive connection 6 (30a) in main wiring harness

B321 Positive connection 7 (30a) in main wiring harness

* see applicable current flow diagram for battery in engine compartment

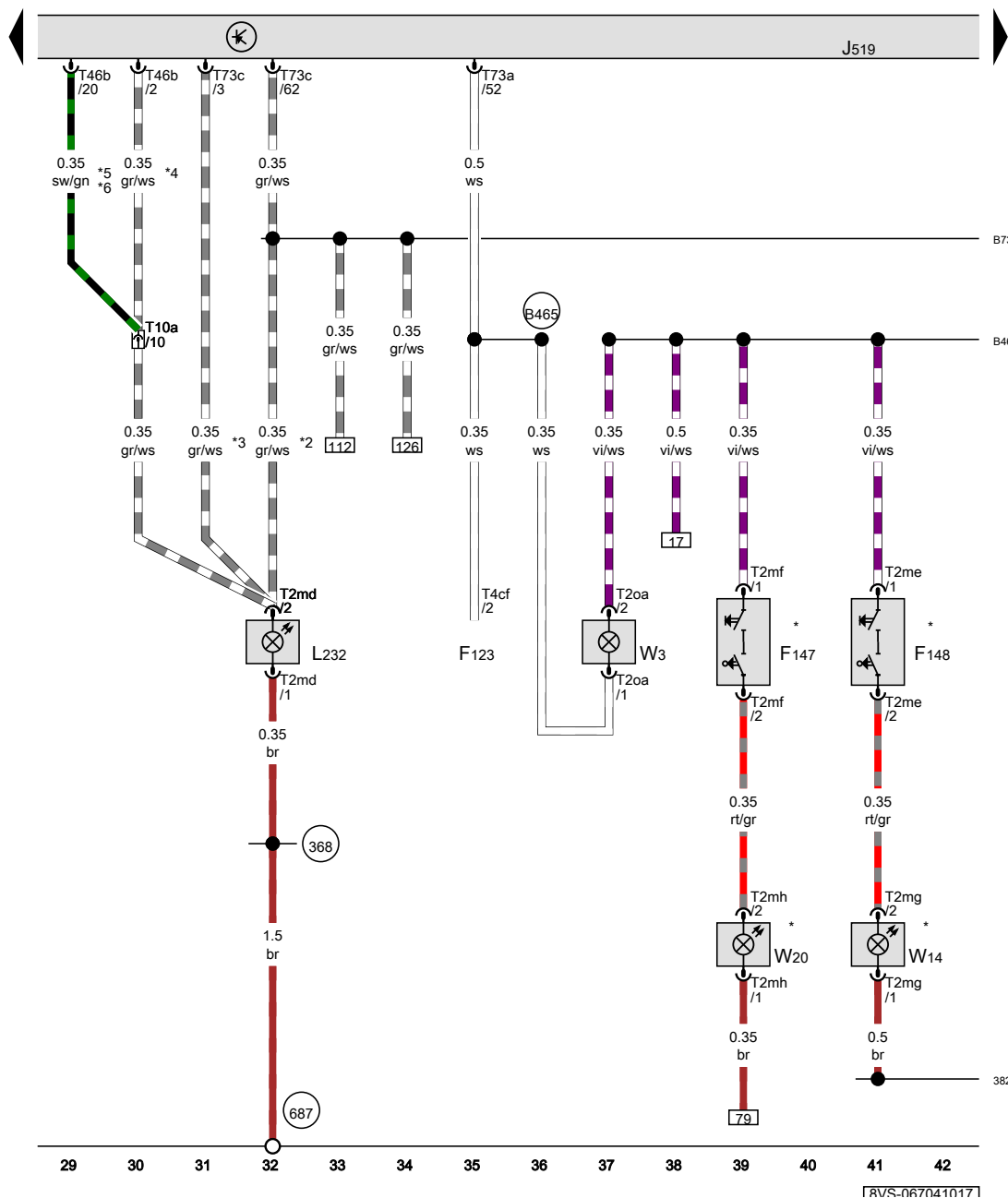
*2 Up to April 2015

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Fuse holder C

- J519 Onboard supply control unit
- L229 Light for left dashboard background lighting
- L230 Light for right dashboard background lighting
- L231 Light for centre dashboard background lighting
- SC Fuse holder C
- SC29 Fuse 29 on fuse holder C
- T2ma 2-pin connector
- T2mb 2-pin connector
- T2mc 2-pin connector
- T10a 10-pin connector, white
- T46b 46-pin connector
- T73a 73-pin connector
- T73c 73-pin connector
- 375 Earth connection 10, in main wiring harness
- B732 Connection 2 (58s), in main wiring harness
- * Up to April 2016
- *2 For models with no automatic headlight range control
- *3 For models with automatic headlight range control

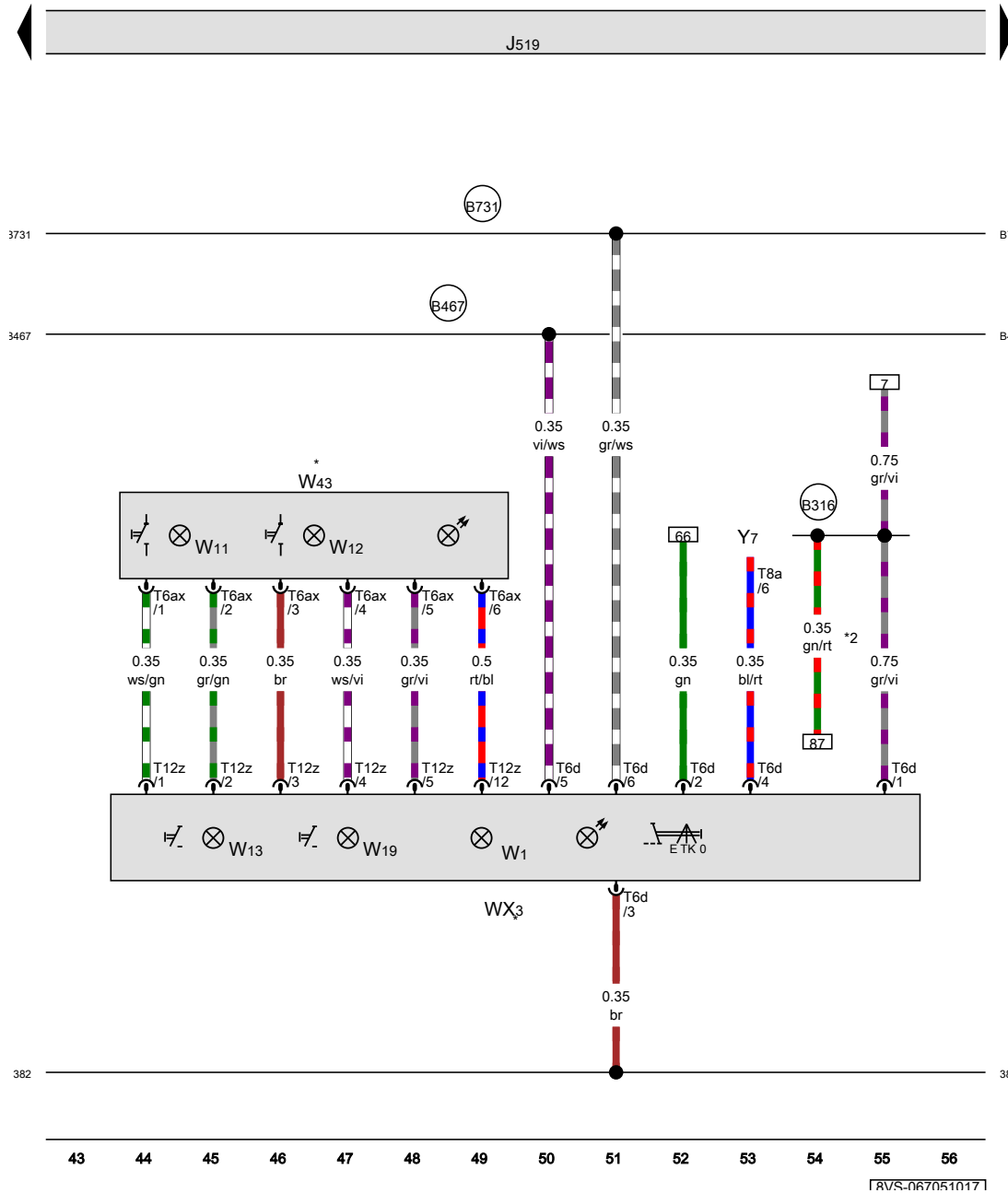


Driver vanity mirror contact switch, Light for cup holder background lighting, Luggage compartment light

- F123 Rear lid contact switch for anti-theft alarm
- F147 Driver vanity mirror contact switch
- F148 Front passenger vanity mirror contact switch
- J519 Onboard supply control unit
- L232 Light for cup holder background lighting
- T2md 2-pin connector
- T2me 2-pin connector
- T2mf 2-pin connector
- T2mg 2-pin connector
- T2mh 2-pin connector
- T2oa 2-pin connector
- T4cf 4-pin connector
- T10a 10-pin connector, white
- T46b 46-pin connector
- T73a 73-pin connector
- T73c 73-pin connector
- W3 Luggage compartment light
- W14 Front passenger side illuminated vanity mirror
- W20 Driver side illuminated vanity mirror

- 368 Earth connection 3, in main wiring harness
- 382 Earth connection 17, in main wiring harness
- 687 Earth point 1, on centre tunnel
- B465 Connection 1, in main wiring harness
- B467 Connection 3, in main wiring harness
- B731 Connection 1 (58s), in main wiring harness

- * For models with illuminated vanity mirror
- *2 For models with additional lights
- *3 For models with halogen headlights
- *4 For models with xenon headlights
- *5 For models with LED headlights
- *6 From May 2016



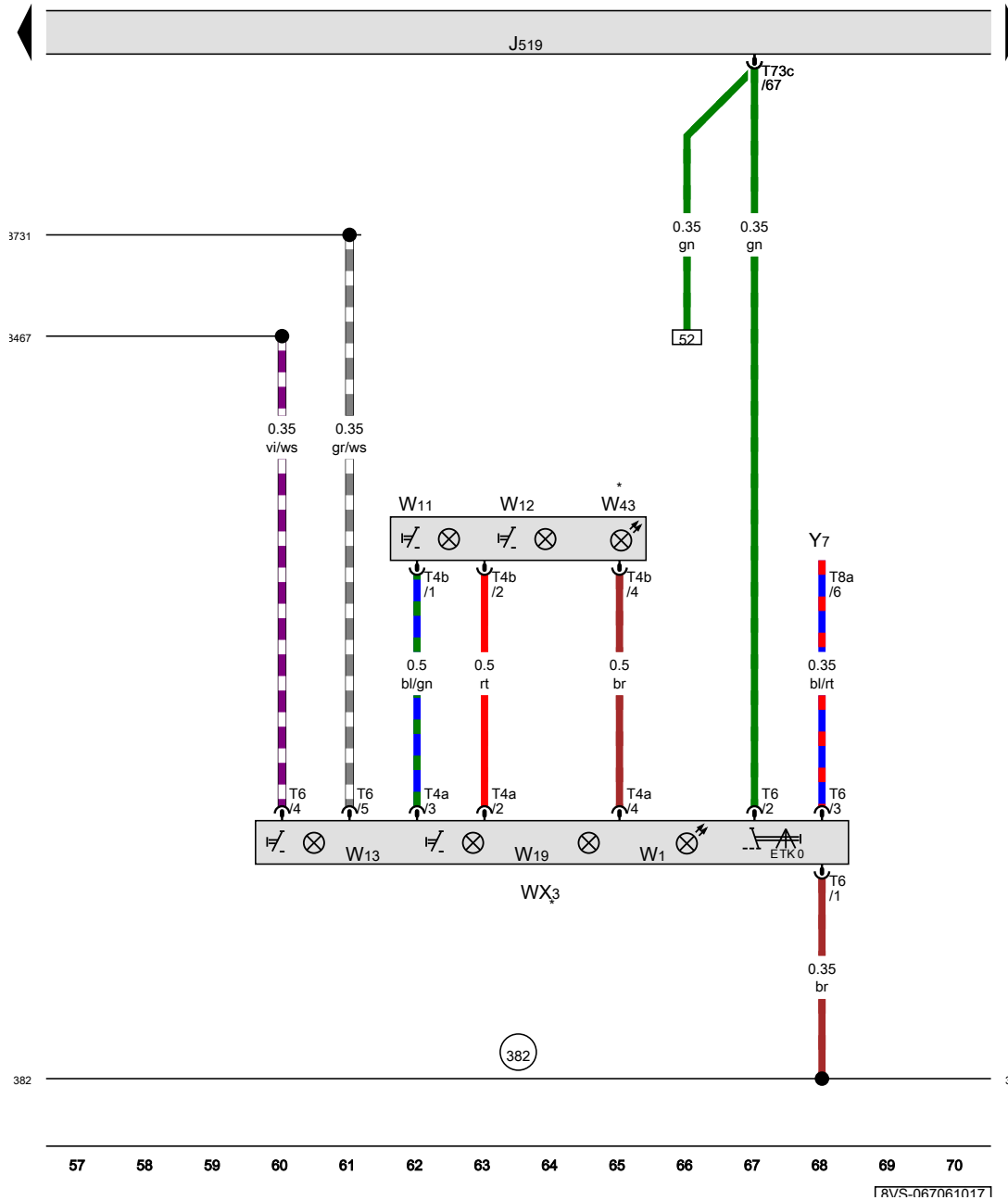
Front roof module, Rear interior light

- J519 Onboard supply control unit
- T6ax 6-pin connector
- T6d 6-pin connector
- T8a 8-pin connector
- T12z 12-pin connector
- W1 Front interior light
- WX3 Front roof module
- W11 Rear left reading light
- W12 Rear right reading light
- W13 Front passenger reading light
- W19 Driver side reading light
- W43 Rear interior light
- Y7 Automatic anti-dazzle interior mirror

- 382 Earth connection 17, in main wiring harness
- B316 Positive connection 2 (30a) in main wiring harness
- B467 Connection 3, in main wiring harness
- B731 Connection 1 (58s), in main wiring harness

- * According to equipment
- *2 From May 2015

- ws = white
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- gr = grey
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Front roof module, Rear interior light

- J519 Onboard supply control unit
- T4a 4-pin connector
- T4b 4-pin connector
- T6 6-pin connector
- T8a 8-pin connector
- T73c 73-pin connector
- W1 Front interior light
- WX3 Front roof module
- W11 Rear left reading light
- W12 Rear right reading light
- W13 Front passenger reading light
- W19 Driver side reading light
- W43 Rear interior light
- Y7 Automatic anti-dazzle interior mirror

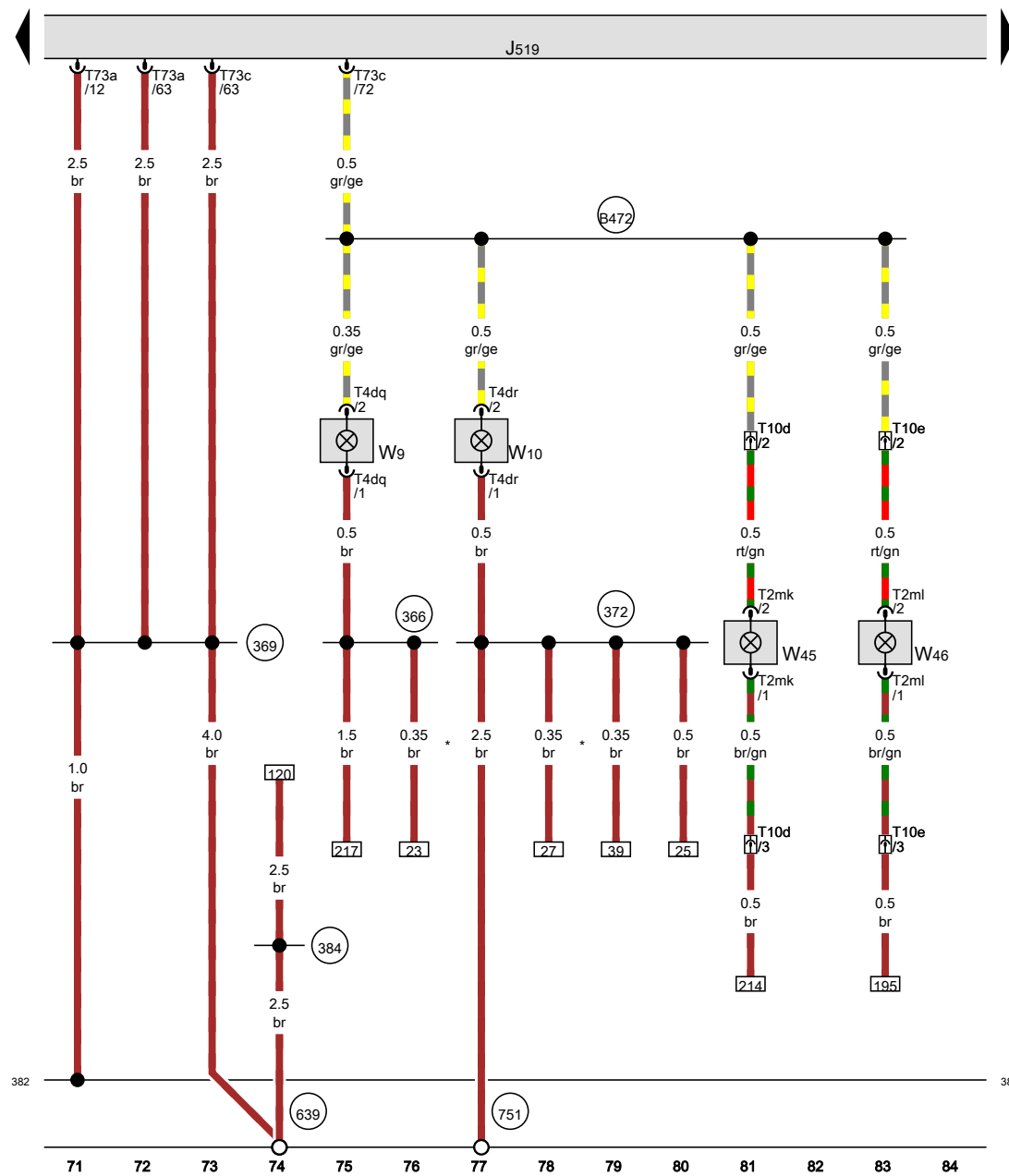
382 Earth connection 17, in main wiring harness

B467 Connection 3, in main wiring harness

B731 Connection 1 (58s), in main wiring harness

* According to equipment

Left footwell light, Right footwell light, Rear left footwell light, Rear right footwell light

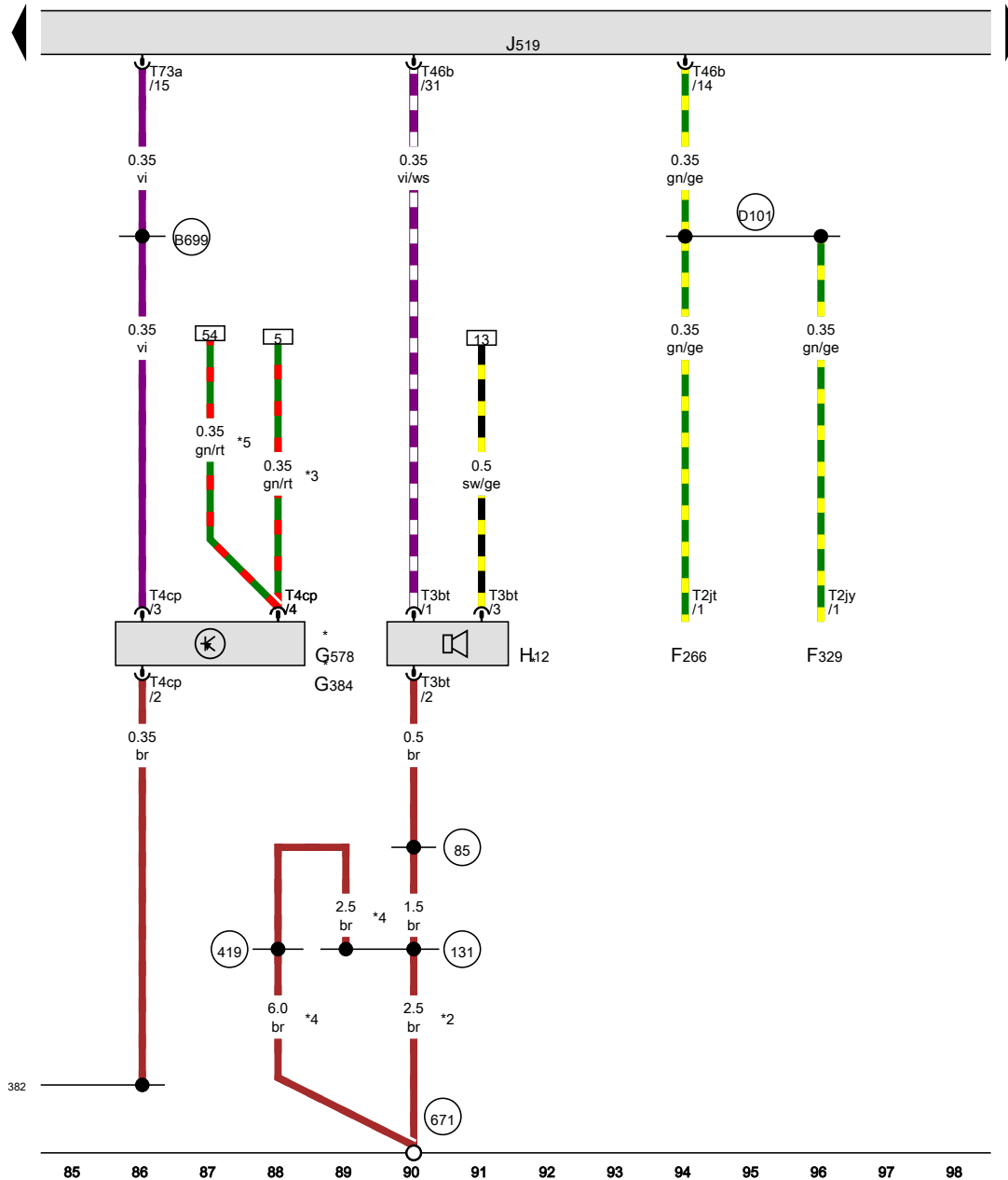


- J519 Onboard supply control unit
- T2mk 2-pin connector
- T2ml 2-pin connector
- T4dq 4-pin connector
- T4dr 4-pin connector
- T10d 10-pin connector, in coupling point for front seat, left, red
- T10e 10-pin connector, in coupling point for front seat, right, red
- T73a 73-pin connector
- T73c 73-pin connector
- W9 Left footwell light
- W10 Right footwell light
- W45 Rear left footwell light
- W46 Rear right footwell light

- 366 Earth connection 1, in main wiring harness
- 369 Earth connection 4, in main wiring harness
- 372 Earth connection 7, in main wiring harness
- 382 Earth connection 17, in main wiring harness
- 384 Earth connection 19, in main wiring harness
- 639 Earth point, left A-pillar
- 751 Earth point 2, on right A-pillar
- B472 Connection 8, in main wiring harness

* Up to April 2016

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Bonnet contact switch, Bonnet contact switch 2, Vehicle inclination sender, Anti-theft alarm sensor, Alarm horn

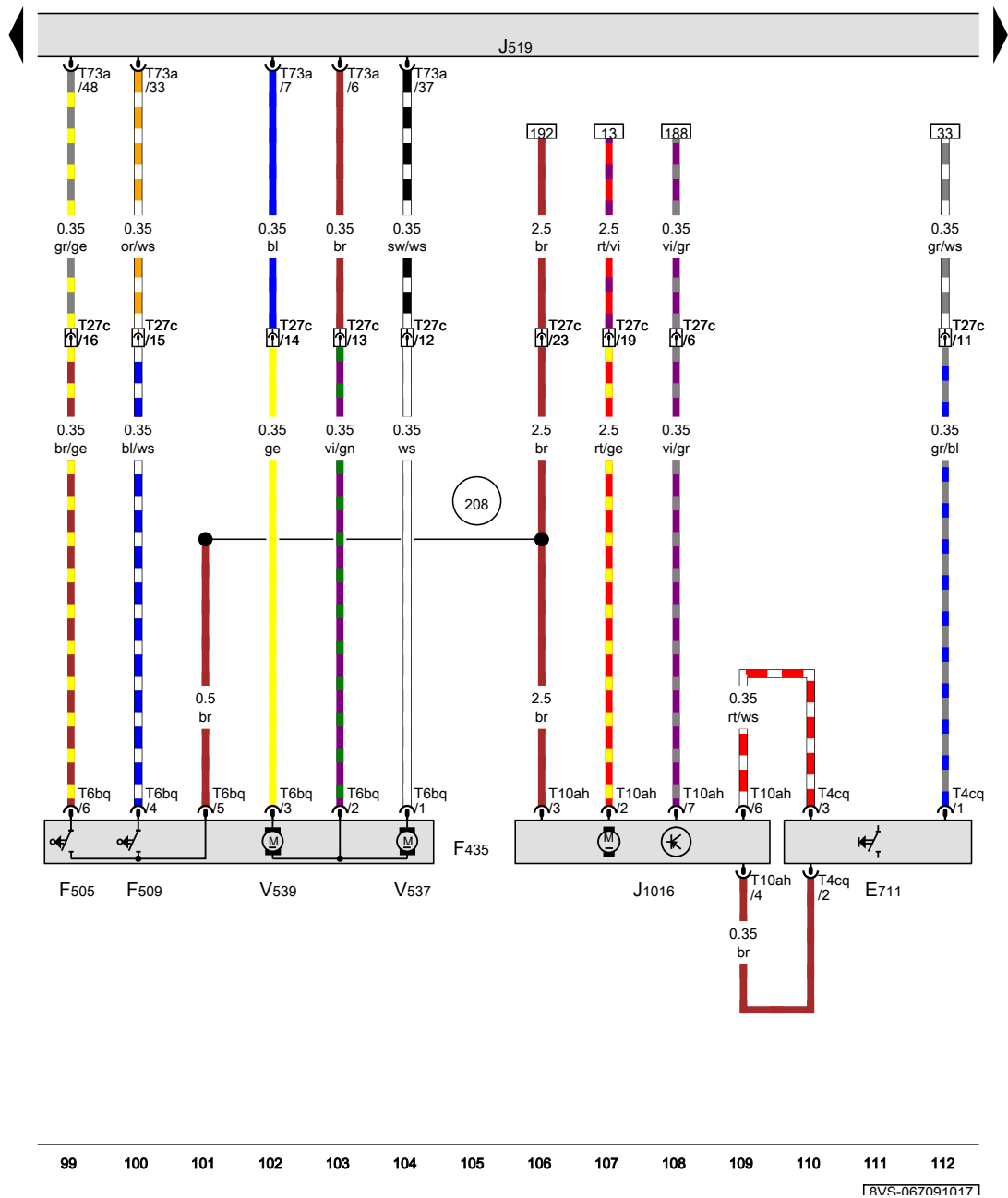
- F266 Bonnet contact switch
- F329 Bonnet contact switch 2
- G384 Vehicle inclination sender
- G578 Anti-theft alarm sensor
- H12 Alarm horn
- J519 Onboard supply control unit
- T2jt 2-pin connector
- T2jy 2-pin connector
- T3bt 3-pin connector
- T4cp 4-pin connector
- T46b 46-pin connector
- T73a 73-pin connector

- 85 Earth connection 1, in engine compartment wiring harness
- 131 Earth connection 2, in engine compartment wiring harness
- 382 Earth connection 17, in main wiring harness
- 419 Earth connection 11, in engine compartment wiring harness
- 671 Earth point 1, on front of left longitudinal member
- B699 Connection 4 (LIN bus) in main wiring harness
- D101 Connection 1 in engine compartment wiring harness

- * For models with anti-theft alarm system
- *2 Gradually discontinued
- *3 Up to April 2015
- *4 gradual introduction
- *5 From May 2015

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- bl = blue
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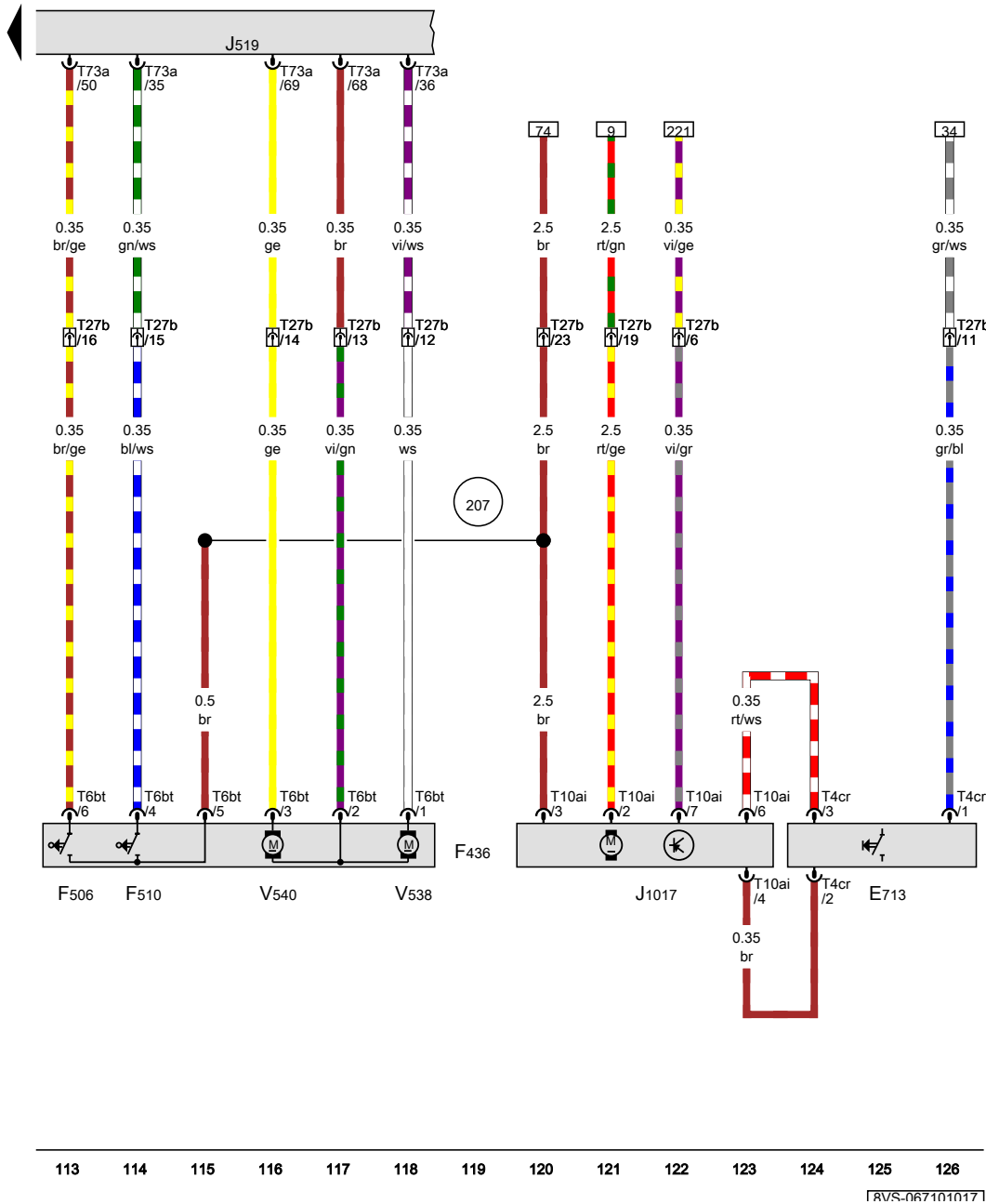
[AVS-067081017]



Rear driver side central locking lock unit, Rear door contact switch, driver side, Rear central locking actuator, driver side, Rear central locking SAFELOCK function motor, driver side, Rear central locking motor, driver side

- E711 Rear driver side window regulator button
- F435 Rear driver side central locking lock unit
- F505 Rear door contact switch, driver side
- F509 Rear central locking actuator, driver side
- J519 Onboard supply control unit
- J1016 Control unit with rear driver side window regulator motor
- T4cq 4-pin connector
- T6bq 6-pin connector
- T10ah 10-pin connector
- T27c 27-pin connector, on right B-pillar, black
- T73a 73-pin connector
- V537 Rear central locking SAFELOCK function motor, driver side
- V539 Rear central locking motor, driver side

208 Earth connection, in rear right door wiring harness

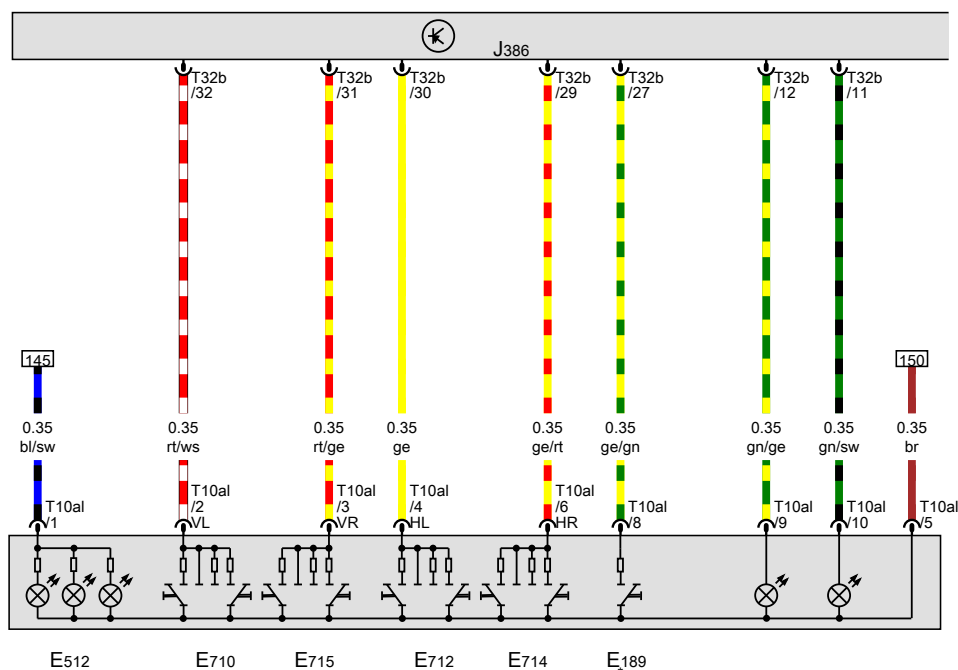


Rear passenger side central locking lock unit, Rear door contact switch, passenger side, Rear central locking actuator, passenger side, Rear central locking SAFELOCK function motor, passenger side, Rear central locking motor, passenger side

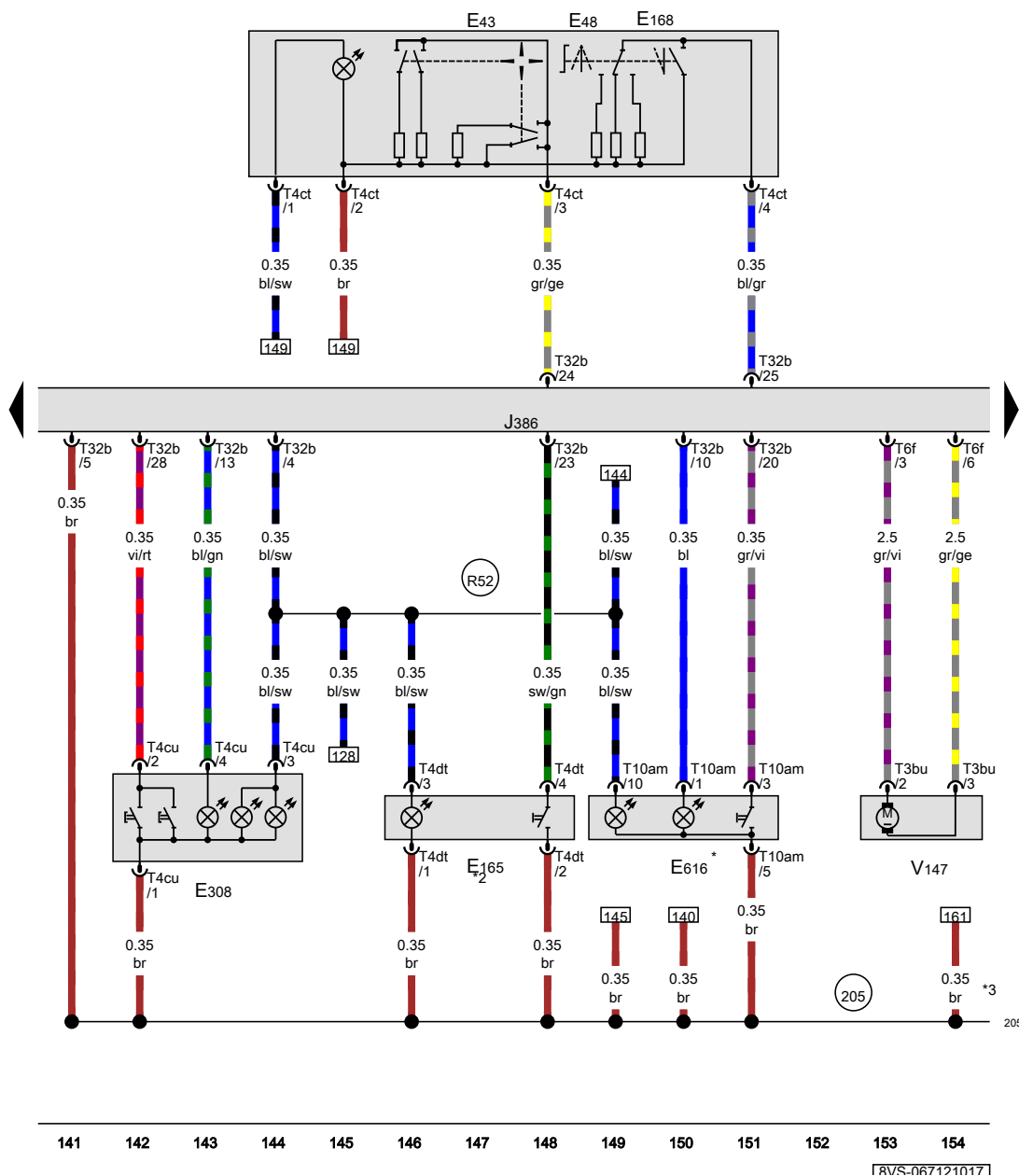
- E713 Rear passenger side window regulator button
- F436 Rear passenger side central locking lock unit
- F506 Rear door contact switch, passenger side
- F510 Rear central locking actuator, passenger side
- J519 Onboard supply control unit
- J1017 Control unit with rear passenger side window regulator motor
- T4cr 4-pin connector
- T6bt 6-pin connector
- T10ai 10-pin connector
- T27b 27-pin connector, on left B-pillar, black
- T73a 73-pin connector
- V538 Rear central locking SAFELOCK function motor, passenger side
- V540 Rear central locking motor, passenger side
- 207 Earth connection, in rear left door wiring harness

Central switch for window regulators in driver door,
Operating unit for window regulator in driver door, Front
driver side window regulator button, Rear driver side window
regulator button, in driver door, Rear passenger side
window regulator button, in driver door, Front passenger
side window regulator button, in driver door, Driver door
control unit

- E189 Central switch for window regulators in driver door
- E512 Operating unit for window regulator in driver door
- E710 Front driver side window regulator button
- E712 Rear driver side window regulator button, in driver door
- E714 Rear passenger side window regulator button, in driver door
- E715 Front passenger side window regulator button, in driver door
- J386 Driver door control unit
- T10al 10-pin connector
- T32b 32-pin connector
- * If fitted



ws = white
sw = black
ro = red
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Mirror adjustment switch, Mirror adjustment changeover switch, Adjustment switch for mirror with fold-in feature, Driver side interior locking button for central locking system, Button for deactivating interior monitoring and vehicle inclination sensor, Driver door control unit, Driver side window regulator motor

- E43 Mirror adjustment switch
- E48 Mirror adjustment changeover switch
- E168 Rear lid release switch
- E168 Adjustment switch for mirror with fold-in feature
- E308 Driver side interior locking button for central locking system
- E616 Button for deactivating interior monitoring and vehicle inclination sensor
- J386 Driver door control unit
- T3bu 3-pin connector
- T4ct 4-pin connector
- T4cu 4-pin connector
- T4dt 4-pin connector
- T6f 6-pin connector
- T10am 10-pin connector
- T32b 32-pin connector
- V147 Driver side window regulator motor

205 Earth connection, in driver door wiring harness

R52 Connection (58s), in driver side door wiring harness

* For models with interior monitoring

*2 If fitted

*3 For models with background lighting in sill panel mouldings

ws = white
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Driver door control unit, Central locking SAFELOCK function warning lamp, Light for driver side interior door handle illumination, Light for driver side door loudspeaker trim, Driver side door warning lamp, Light conductor for front right sill panel moulding background lighting, Light for driver door background lighting, Driver side entry light

- J386 Driver door control unit
- K133 Central locking SAFELOCK function warning lamp
- L219 Light for driver side interior door handle illumination
- L223 Light for driver side door loudspeaker trim
- T2e 2-pin connector
- T2mn 2-pin connector
- T2mo 2-pin connector
- T2mp 2-pin connector
- T2mq 2-pin connector
- T2mr 2-pin connector
- T2ms 2-pin connector
- T2qp 2-pin connector
- T4eu 4-pin connector
- T20c 20-pin connector
- T27a 27-pin connector
- T32b 32-pin connector
- W30 Driver side door warning lamp
- W68 Light conductor for front right sill panel moulding background lighting
- W86 Light for driver door background lighting
- W92 Driver side entry light

205 Earth connection, in driver door wiring harness

R56 Connection (entry light), in driver door wiring harness

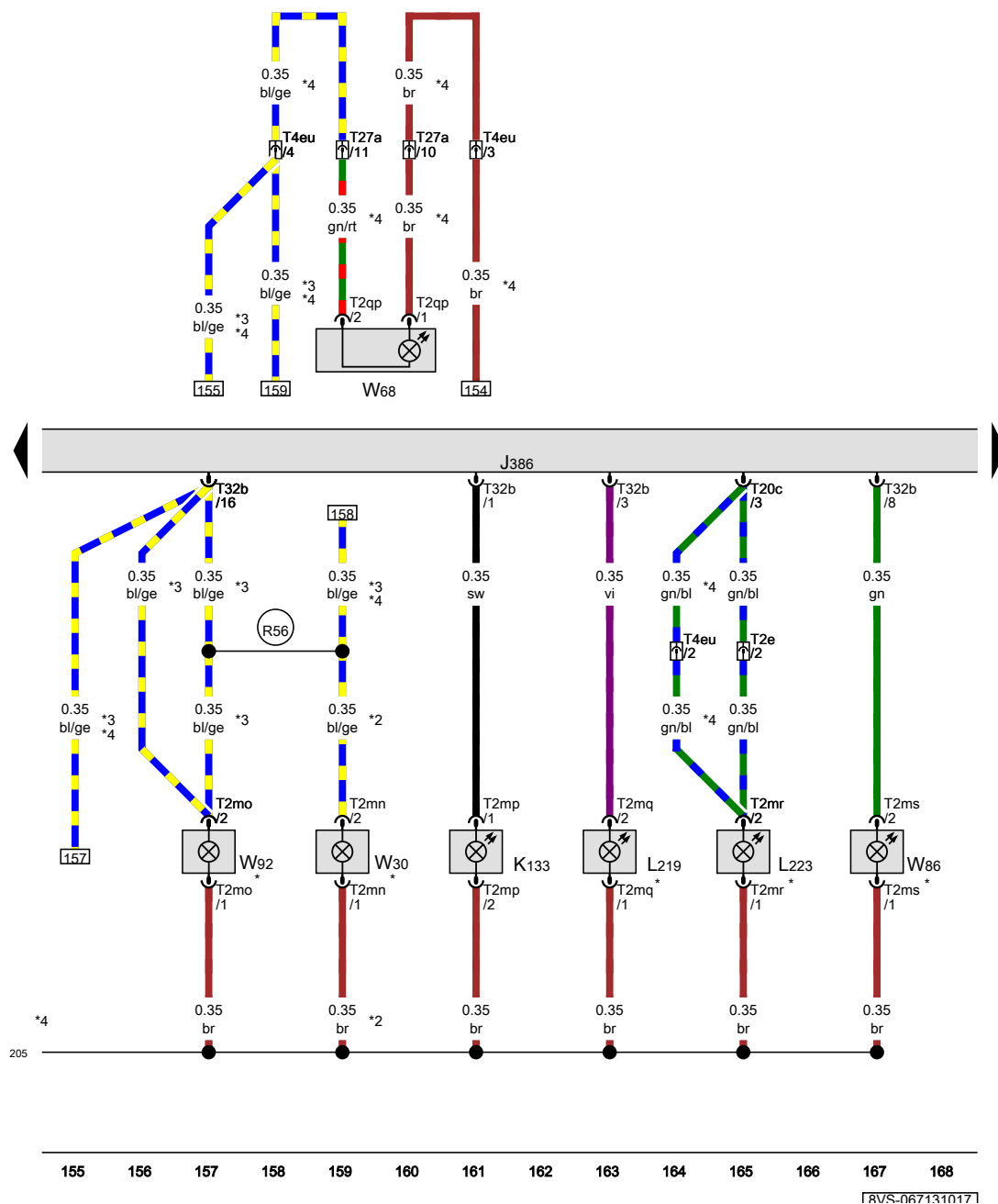
* For models with additional lights

*2 Up to April 2017

*3 According to equipment

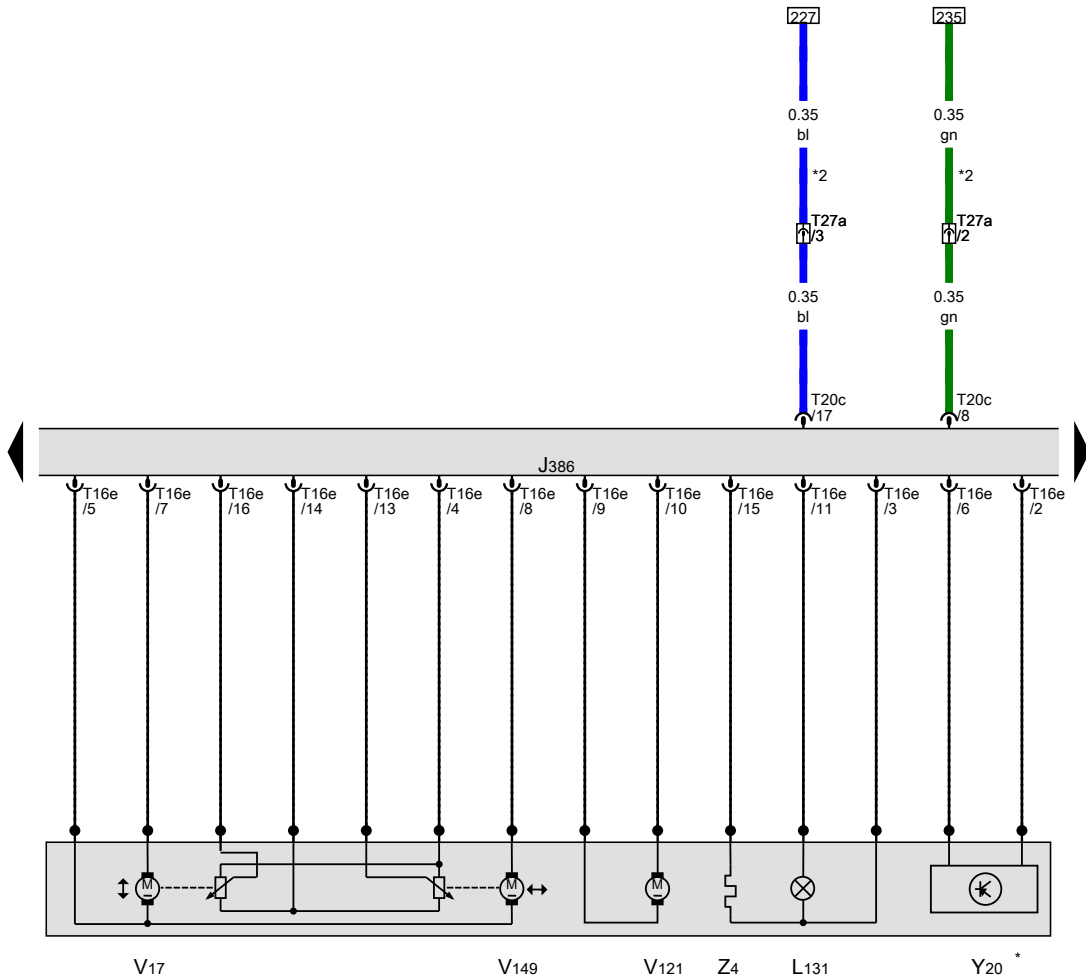
*4 For models with background lighting in sill panel mouldings

ws = white
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 ro = red
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 li = purple
 vi = purple
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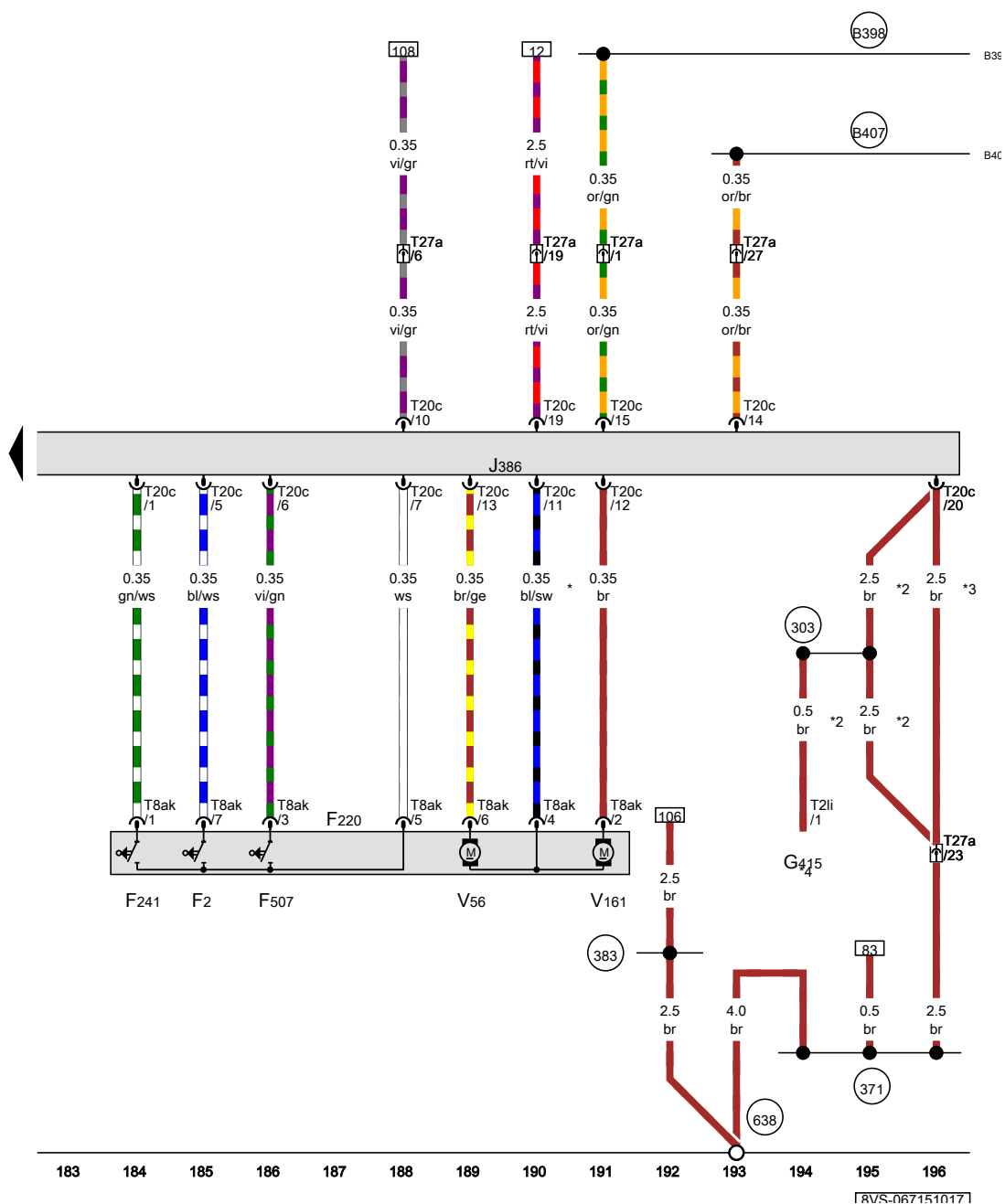


Driver door control unit, Driver side turn signal repeater bulb, Driver side mirror adjustment motor 2, Driver side fold-in mirror motor, Driver side mirror adjustment motor, Automatic anti-dazzle exterior mirror, driver side, Heated exterior mirror on driver side

- J386 Driver door control unit
- L131 Driver side turn signal repeater bulb
- T16e 16-pin connector
- T20c 20-pin connector
- T27a 27-pin connector, on right A-pillar, black
- V17 Driver side mirror adjustment motor 2
- V121 Driver side fold-in mirror motor
- V149 Driver side mirror adjustment motor
- Y20 Automatic anti-dazzle exterior mirror, driver side
- Z4 Heated exterior mirror on driver side
- * For models with automatic anti-dazzle exterior mirror
- *2 For models with automatic anti-dazzle interior mirror



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Driver door contact switch, Driver side central locking lock unit, Driver side contact switch in lock cylinder, Driver side central locking actuator, Driver door control unit, Driver door central locking motor, Driver door central locking SAFELOCK function motor

- F2 Driver door contact switch
- F220 Driver side central locking lock unit
- F241 Driver side contact switch in lock cylinder
- F507 Driver side central locking actuator
- G415 Driver exterior door handle contact sensor
- J386 Driver door control unit
- T2li 2-pin connector
- T8ak 8-pin connector
- T20c 20-pin connector
- T27a 27-pin connector, on right A-pillar, black
- V56 Driver door central locking motor
- V161 Driver door central locking SAFELOCK function motor

303 Earth connection 3, in drive side door wiring harness

371 Earth connection 6, in main wiring harness

383 Earth connection 18, in main wiring harness

638 Earth point, on right A-pillar

B398 Connection 2 (convenience CAN bus, high), in main wiring harness

B407 Connection 2 (convenience CAN bus, low), in main wiring harness

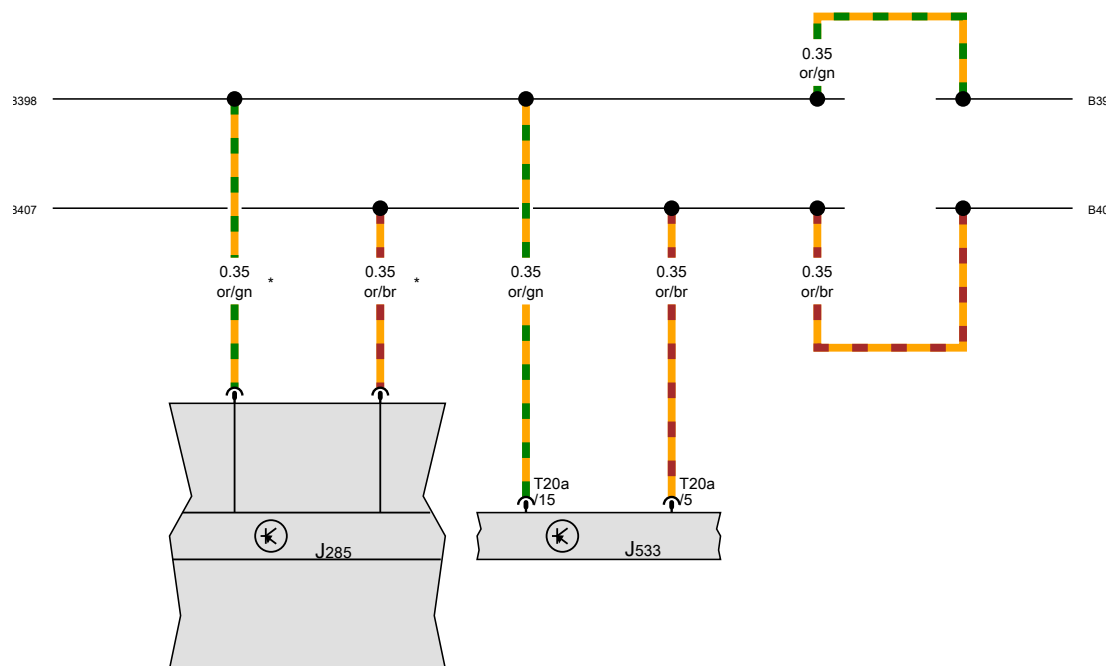
* According to equipment

*2 For models with entry and start authorisation

*3 For models with no entry and start authorisation

*4 see applicable current flow diagram

ws = white
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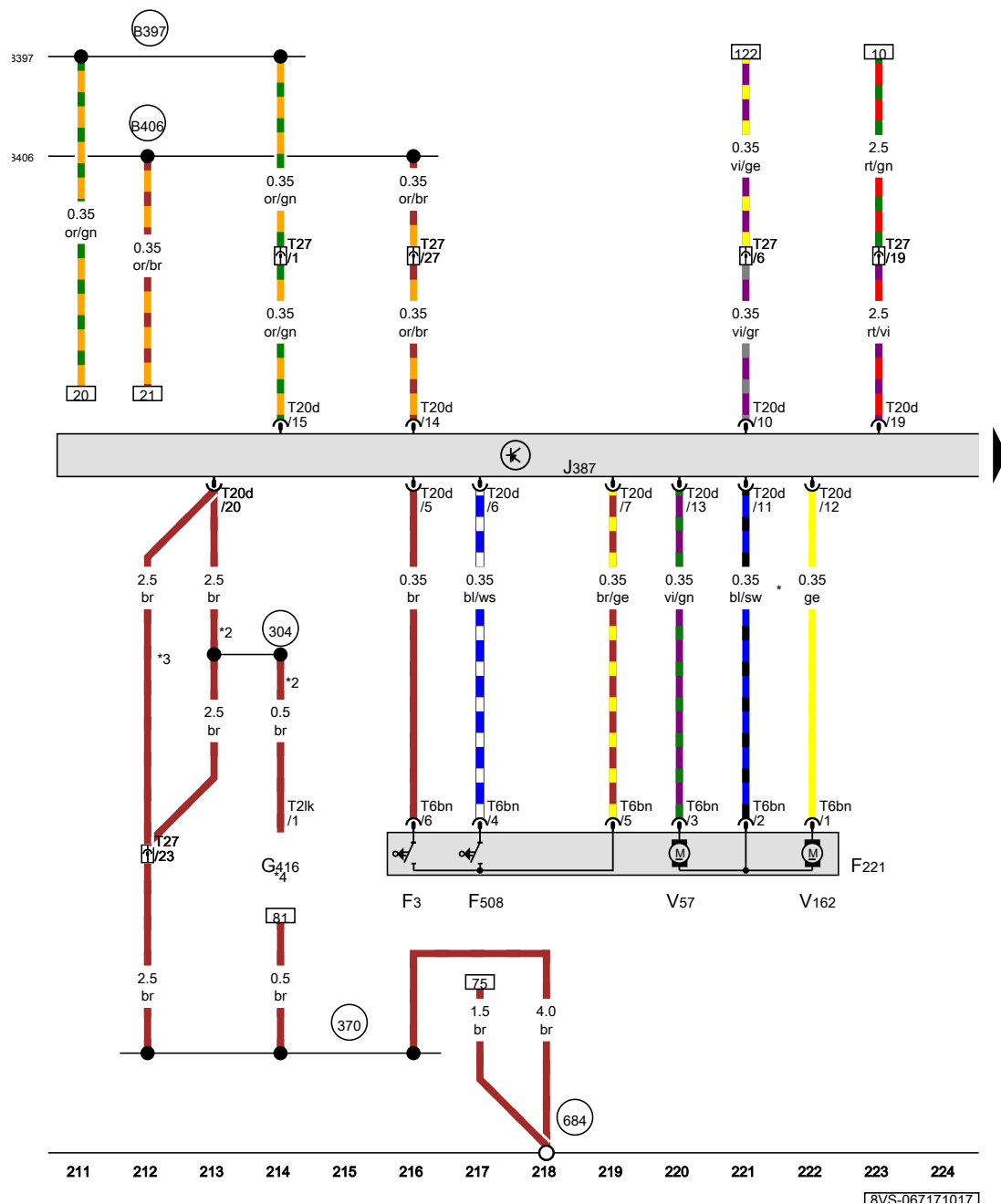
Control unit in dash panel insert, Data bus diagnostic interface

J285 Control unit in dash panel insert
J533 Data bus diagnostic interface
T20a 20-pin connector

- (B397) Connection 1 (convenience CAN bus, high), in main wiring harness
- (B398) Connection 2 (convenience CAN bus, high), in main wiring harness
- (B406) Connection 1 (convenience CAN bus, low), in main wiring harness
- (B407) Connection 2 (convenience CAN bus, low), in main wiring harness

* see applicable current flow diagram for dash panel insert

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vi = purple
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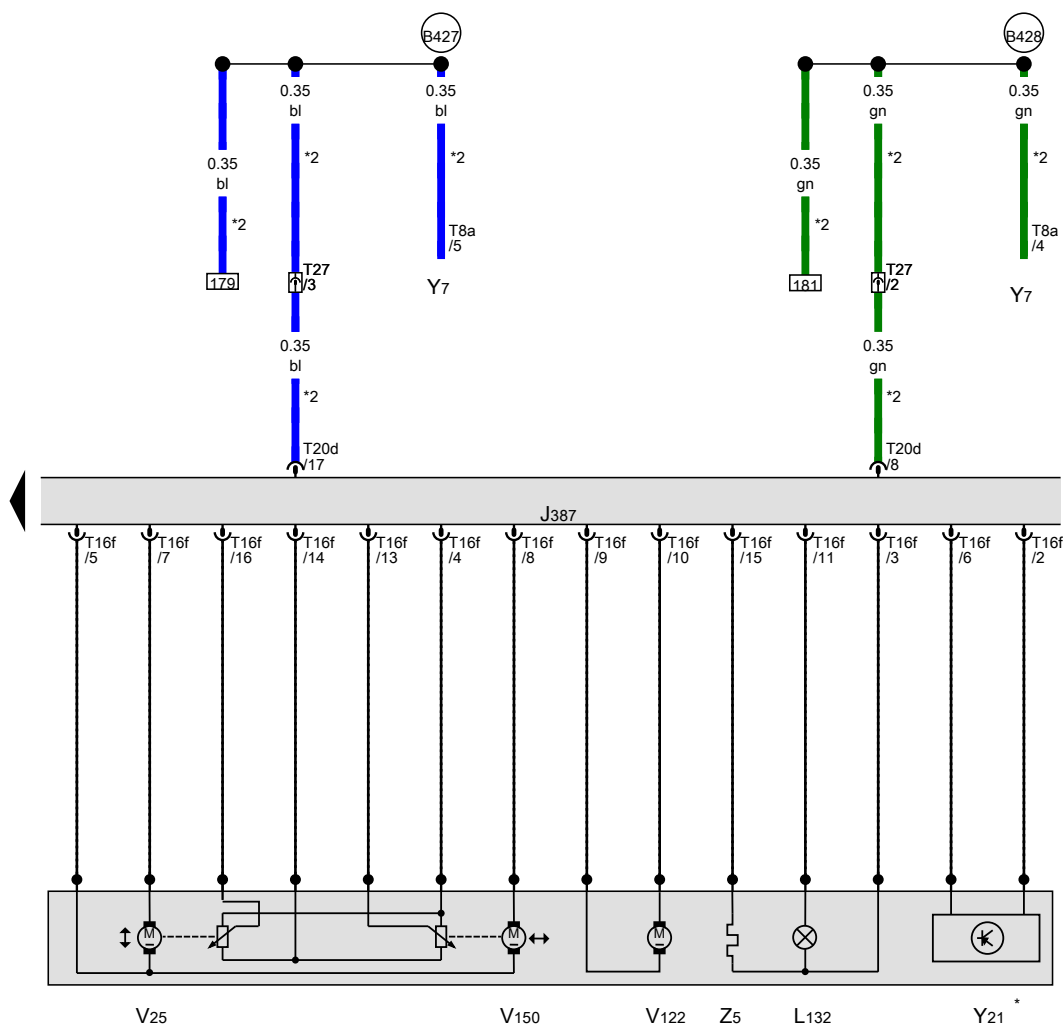


Front passenger door contact switch, Front passenger side central locking lock unit, Passenger side central locking actuator, Front passenger door control unit, Front passenger door central locking motor, Front passenger door central locking SAFELOCK function motor

- F3 Front passenger door contact switch
- F221 Front passenger side central locking lock unit
- F508 Passenger side central locking actuator
- G416 Front passenger exterior door handle contact sensor
- J387 Front passenger door control unit
- T2lk 2-pin connector
- T6bn 6-pin connector
- T20d 20-pin connector
- T27 27-pin connector, on left A-pillar, black
- V57 Front passenger door central locking motor
- V162 Front passenger door central locking SAFELOCK function motor

- 304 Earth connection 3, in front passenger side door wiring harness
- 370 Earth connection 5, in main wiring harness
- 684 Earth point on front of left side member
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- * According to equipment
- *2 For models with entry and start authorisation
- *3 For models with no entry and start authorisation
- *4 see applicable current flow diagram

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Front passenger door control unit, Front passenger side turn signal repeater bulb, Front passenger side mirror adjustment motor 2, Front passenger side fold-in mirror motor, Front passenger side mirror adjustment motor, Automatic anti-dazzle exterior mirror, passenger side, Heated exterior mirror on passenger side

J387	Front passenger door control unit
L132	Front passenger side turn signal repeater bulb
T8a	8-pin connector
T16f	16-pin connector
T20d	20-pin connector
T27	27-pin connector, on left A-pillar, black
V25	Front passenger side mirror adjustment motor 2
V122	Front passenger side fold-in mirror motor
V150	Front passenger side mirror adjustment motor
Y7	Automatic anti-dazzle interior mirror
Y21	Automatic anti-dazzle exterior mirror, passenger side
Z5	Heated exterior mirror on passenger side

B427 Connection 1 (mirror signal), in main wiring harness

(B428) Connection 2 (mirror signal), in main wiring harness

* For models with automatic anti-dazzle exterior mirror
*2 For models with automatic anti-dazzle interior mirror

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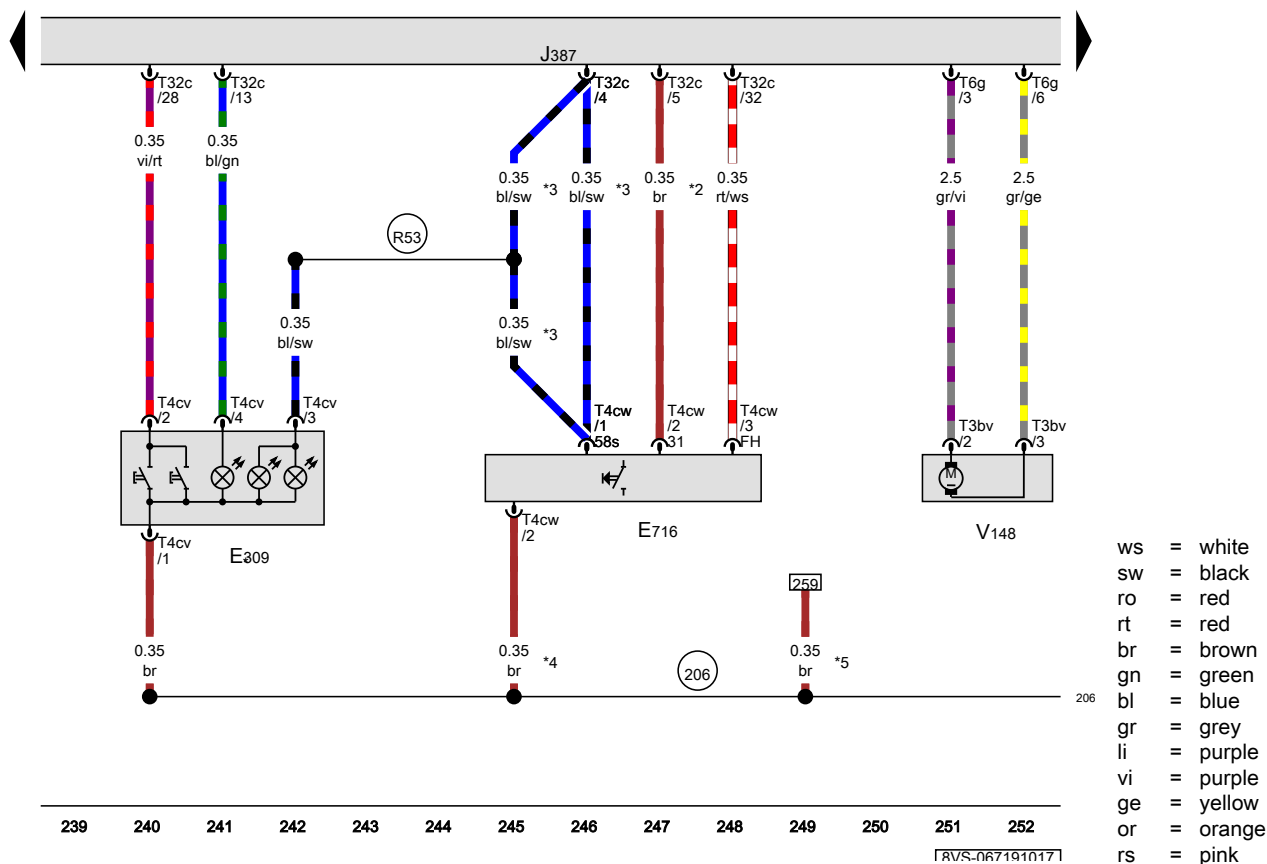
Front passenger side interior locking button for central locking system, Front passenger side window regulator button, Front passenger door control unit, Front passenger side window regulator motor

- E309 Front passenger side interior locking button for central locking system
- E716 Front passenger side window regulator button
- J387 Front passenger door control unit
- T3bv 3-pin connector
- T4cv 4-pin connector
- T4cw 4-pin connector
- T6g 6-pin connector
- T32c 32-pin connector
- V148 Front passenger side window regulator motor

206 Earth connection, in front passenger door wiring harness

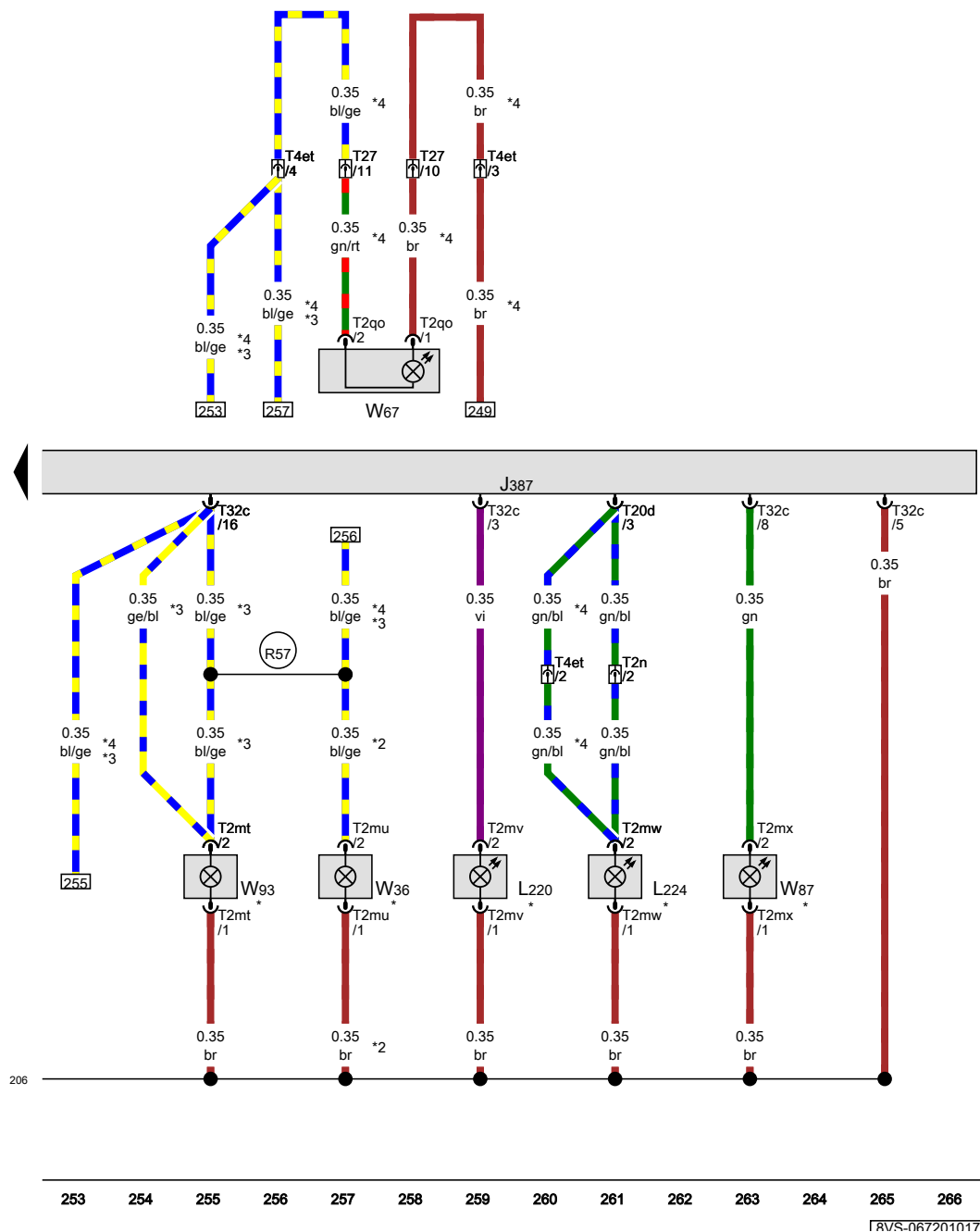
R53 Connection (58s), in driver side door wiring harness

- * For models with front passenger side interior locking button
- *2 For models with no additional lights
- *3 According to equipment
- *4 For models with additional lights
- *5 For models with background lighting in sill panel mouldings



Front passenger door control unit, Light for passenger side interior door handle illumination, Light for passenger side door loudspeaker trim, Front passenger side door warning lamp, Light conductor for front left sill panel moulding background lighting, Light for passenger door background lighting, Passenger side entry light

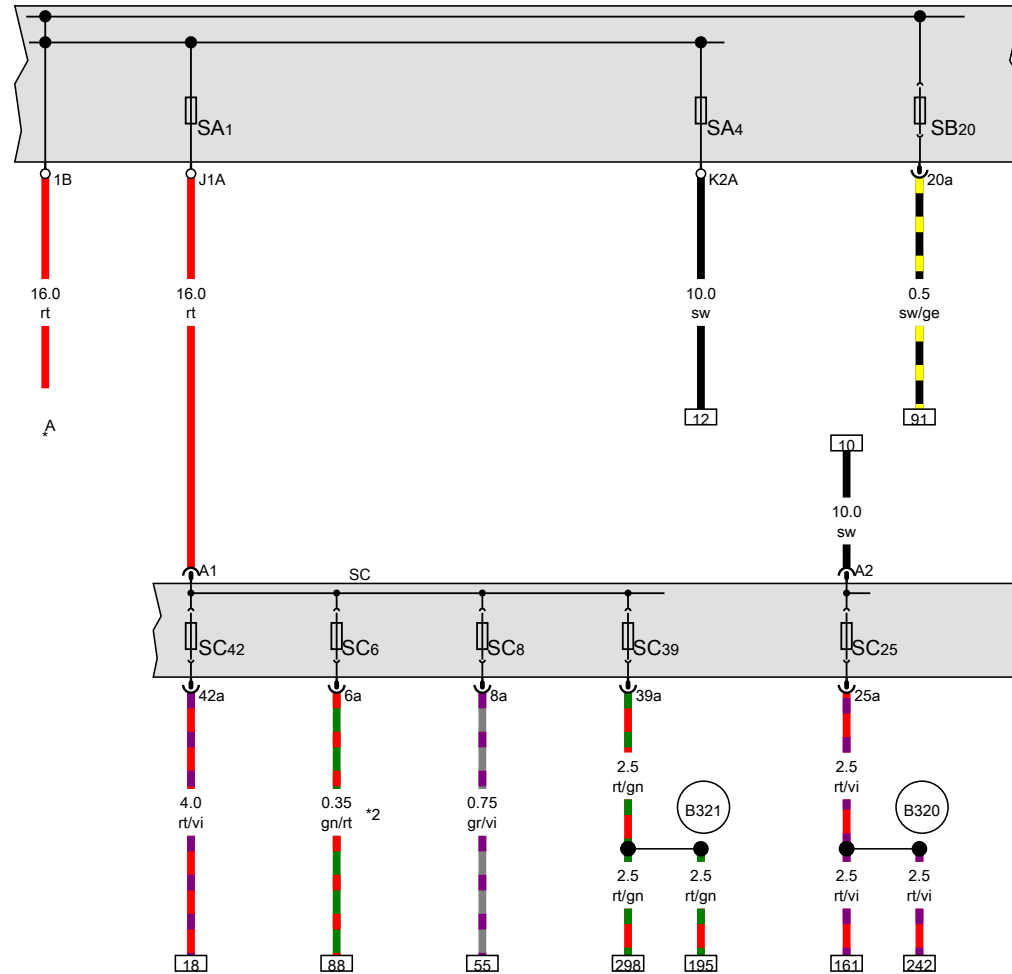
- J387 Front passenger door control unit
- L220 Light for passenger side interior door handle illumination
- L224 Light for passenger side door loudspeaker trim
- T2mt 2-pin connector
- T2mu 2-pin connector
- T2mv 2-pin connector
- T2mw 2-pin connector
- T2mx 2-pin connector
- T2n 2-pin connector
- T2qo 2-pin connector
- T4et 4-pin connector
- T20d 20-pin connector
- T27 27-pin connector
- T32c 32-pin connector
- W36 Front passenger side door warning lamp
- W67 Light conductor for front left sill panel moulding background lighting
- W87 Light for passenger door background lighting
- W93 Passenger side entry light
- 206 Earth connection, in front passenger door wiring harness
- R57 Connection (entry light), in front passenger door wiring harness
- * For models with additional lights
- *2 Up to April 2017
- *3 According to equipment
- *4 For models with background lighting in sill panel mouldings



ws = white
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Convenience system, 4-door vehicle with lighting package and/or childproof locks, right-hand drive , (L0R),(4H5)

From May 2013



Fuse holder C

- A Battery
- SA1 Fuse 1 on fuse holder A
- SA4 Fuse 4 on fuse holder A
- SB20 Fuse 20 on fuse holder B
- SC Fuse holder C
- SC6 Fuse 6 on fuse holder C
- SC8 Fuse 8 on fuse holder C
- SC25 Fuse 25 on fuse holder C
- SC39 Fuse 39 on fuse holder C
- SC42 Fuse 42 on fuse holder C

B320 Positive connection 6 (30a) in main wiring harness

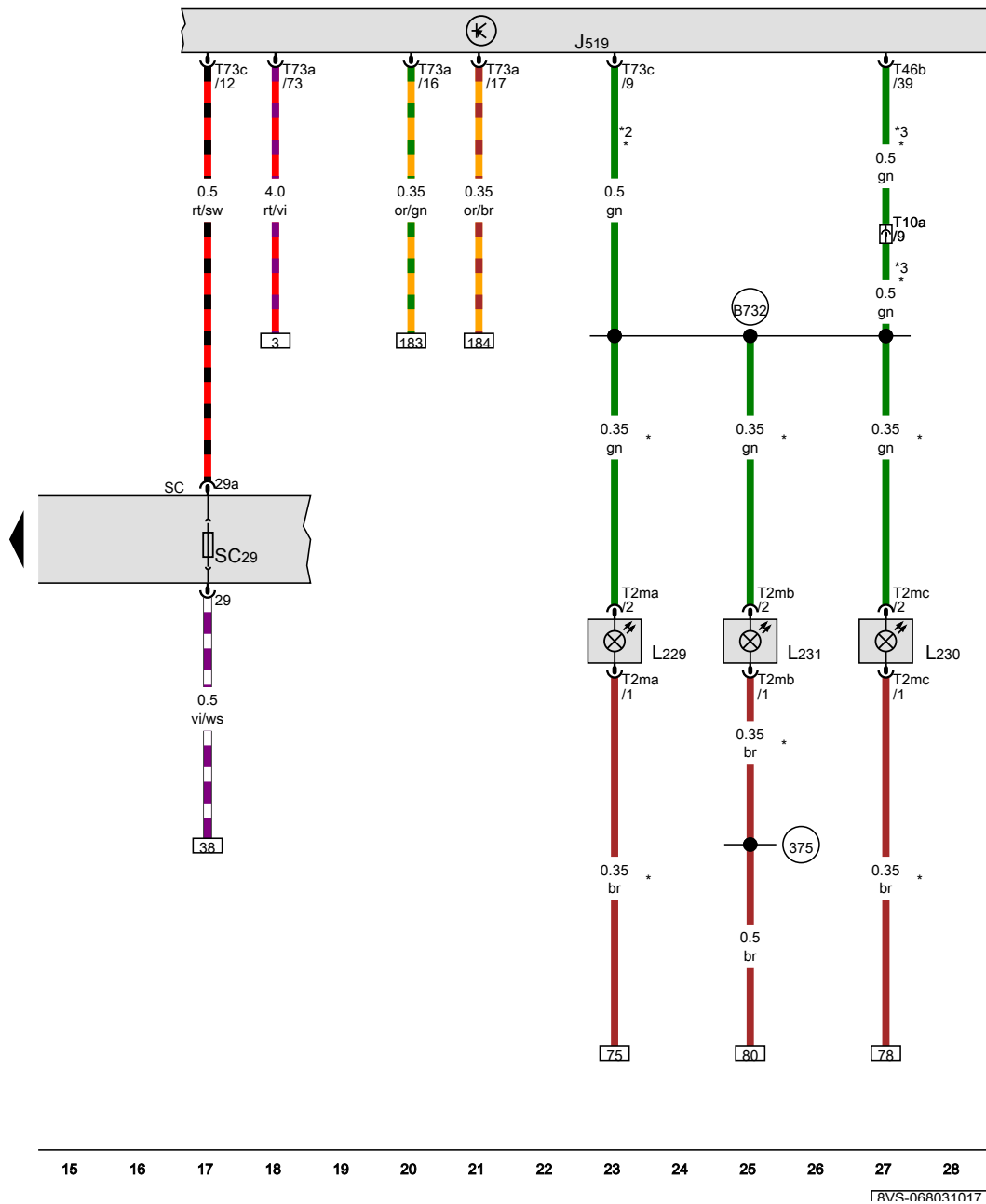
B321 Positive connection 7 (30a) in main wiring harness

* see applicable current flow diagram for battery in engine compartment

*2 Up to April 2015

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
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 rs = pink

Light for left dashboard background lighting, Light for right dashboard background lighting, Light for centre dashboard background lighting, Fuse holder C



- J519 Onboard supply control unit
- L229 Light for left dashboard background lighting
- L230 Light for right dashboard background lighting
- L231 Light for centre dashboard background lighting
- SC Fuse holder C
- SC29 Fuse 29 on fuse holder C
- T2ma 2-pin connector
- T2mb 2-pin connector
- T2mc 2-pin connector
- T10a 10-pin connector, white
- T46b 46-pin connector
- T73a 73-pin connector
- T73c 73-pin connector

375 Earth connection 10, in main wiring harness

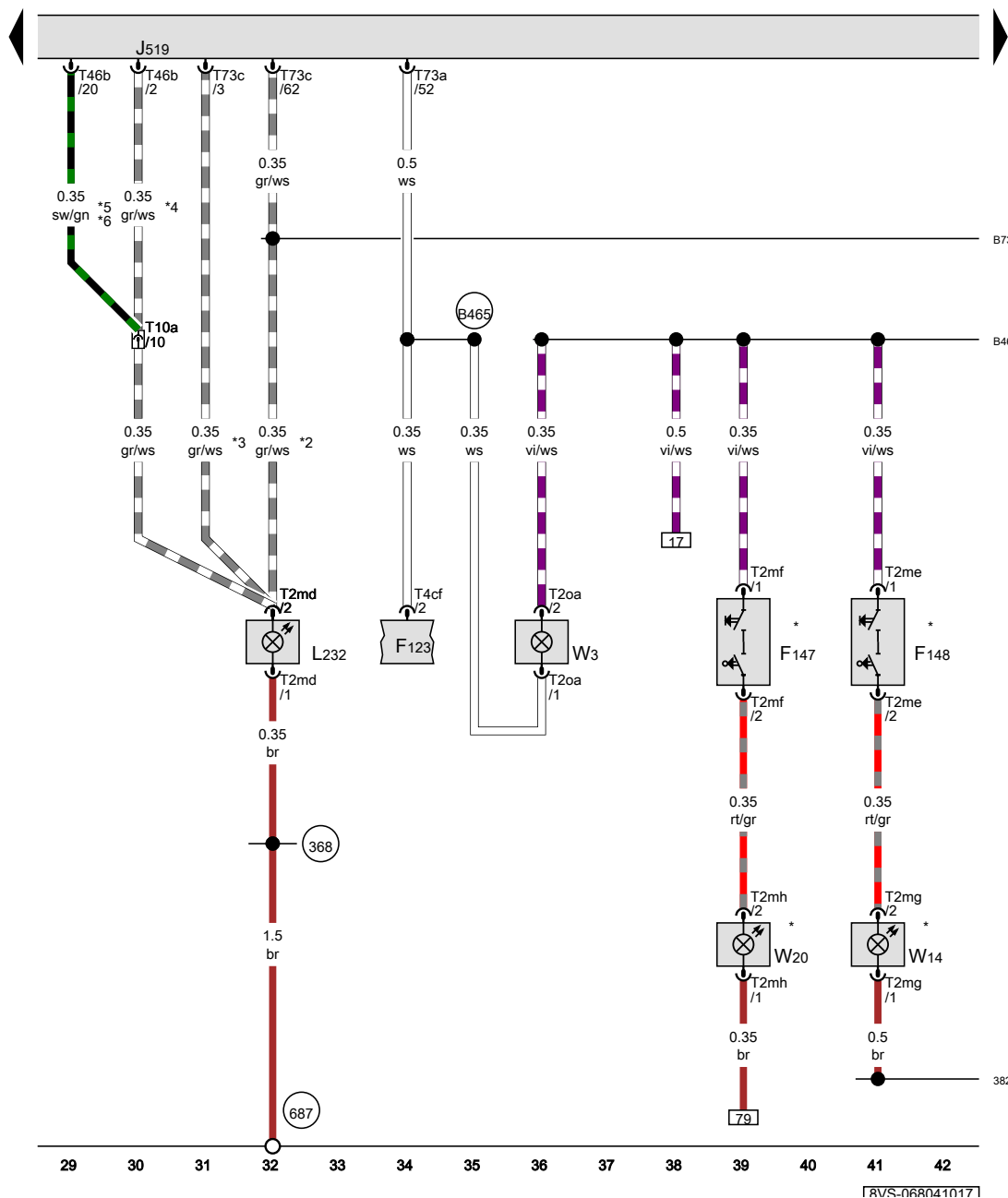
B732 Connection 2 (58s), in main wiring harness

* Up to April 2016

*2 For models with no automatic headlight range control

*3 For models with automatic headlight range control

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
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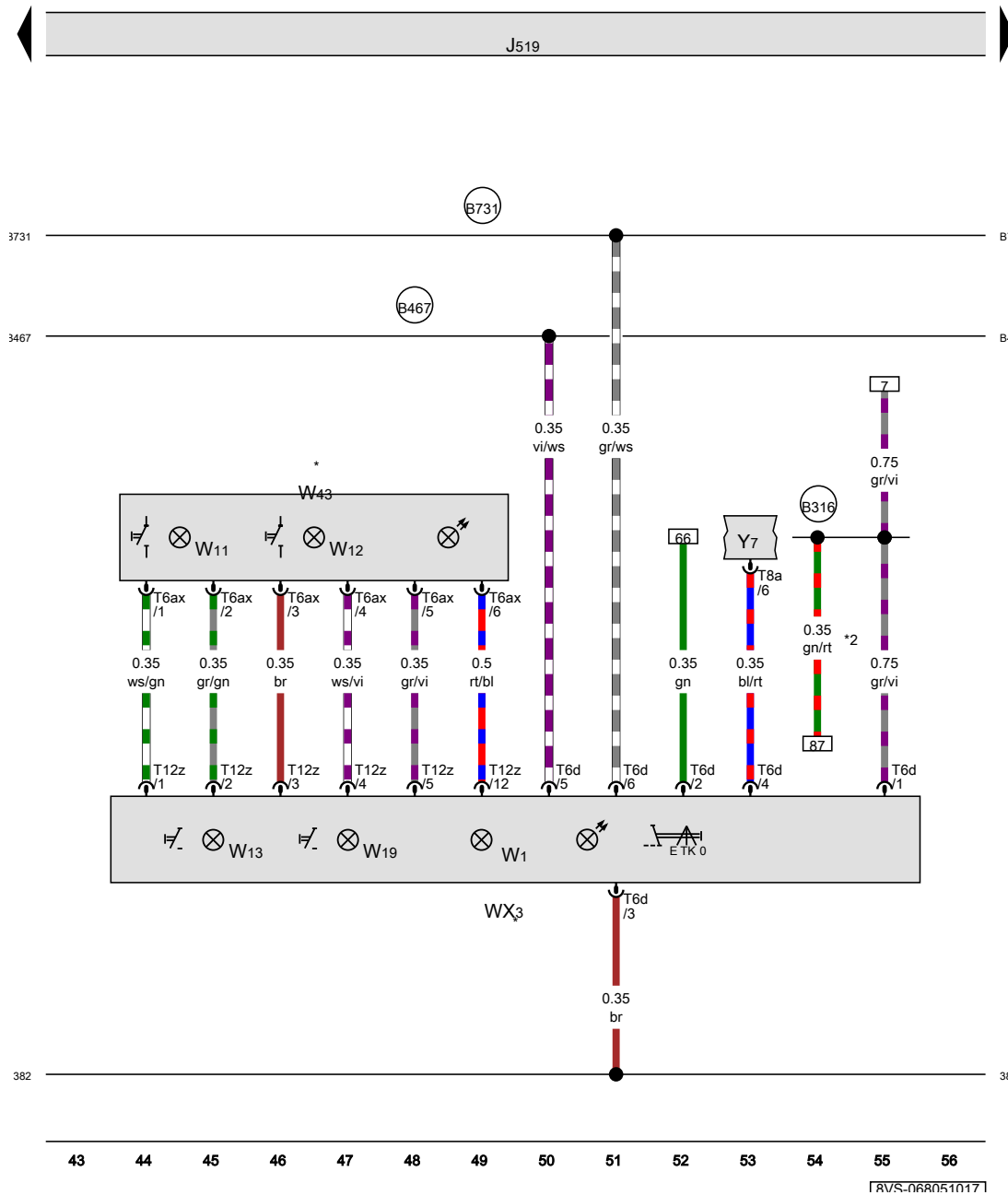
Driver vanity mirror contact switch, Light for cup holder background lighting, Luggage compartment light

- F123 Rear lid contact switch for anti-theft alarm
- F147 Driver vanity mirror contact switch
- F148 Front passenger vanity mirror contact switch
- J519 Onboard supply control unit
- L232 Light for cup holder background lighting
- T2md 2-pin connector
- T2me 2-pin connector
- T2mf 2-pin connector
- T2mg 2-pin connector
- T2mh 2-pin connector
- T2oa 2-pin connector
- T4cf 4-pin connector
- T10a 10-pin connector, white
- T46b 46-pin connector
- T73a 73-pin connector
- T73c 73-pin connector
- W3 Luggage compartment light
- W14 Front passenger side illuminated vanity mirror
- W20 Driver side illuminated vanity mirror

- 368 Earth connection 3, in main wiring harness
- 382 Earth connection 17, in main wiring harness
- 687 Earth point 1, on centre tunnel
- B465 Connection 1, in main wiring harness
- B467 Connection 3, in main wiring harness
- B731 Connection 1 (58s), in main wiring harness

- * For models with illuminated vanity mirror
- *2 For models with additional lights
- *3 For models with halogen headlights
- *4 For models with xenon headlights
- *5 For models with LED headlights
- *6 From May 2016

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- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
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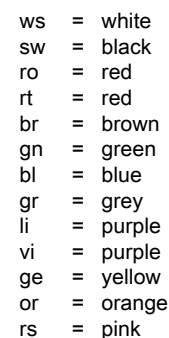
Front roof module, Rear interior light

- J519 Onboard supply control unit
- T6ax 6-pin connector
- T6d 6-pin connector
- T8a 8-pin connector
- T12z 12-pin connector
- W1 Front interior light
- WX3 Front roof module
- W11 Rear left reading light
- W12 Rear right reading light
- W13 Front passenger reading light
- W19 Driver side reading light
- W43 Rear interior light
- Y7 Automatic anti-dazzle interior mirror

- 382 Earth connection 17, in main wiring harness
- B316 Positive connection 2 (30a) in main wiring harness
- B467 Connection 3, in main wiring harness
- B731 Connection 1 (58s), in main wiring harness

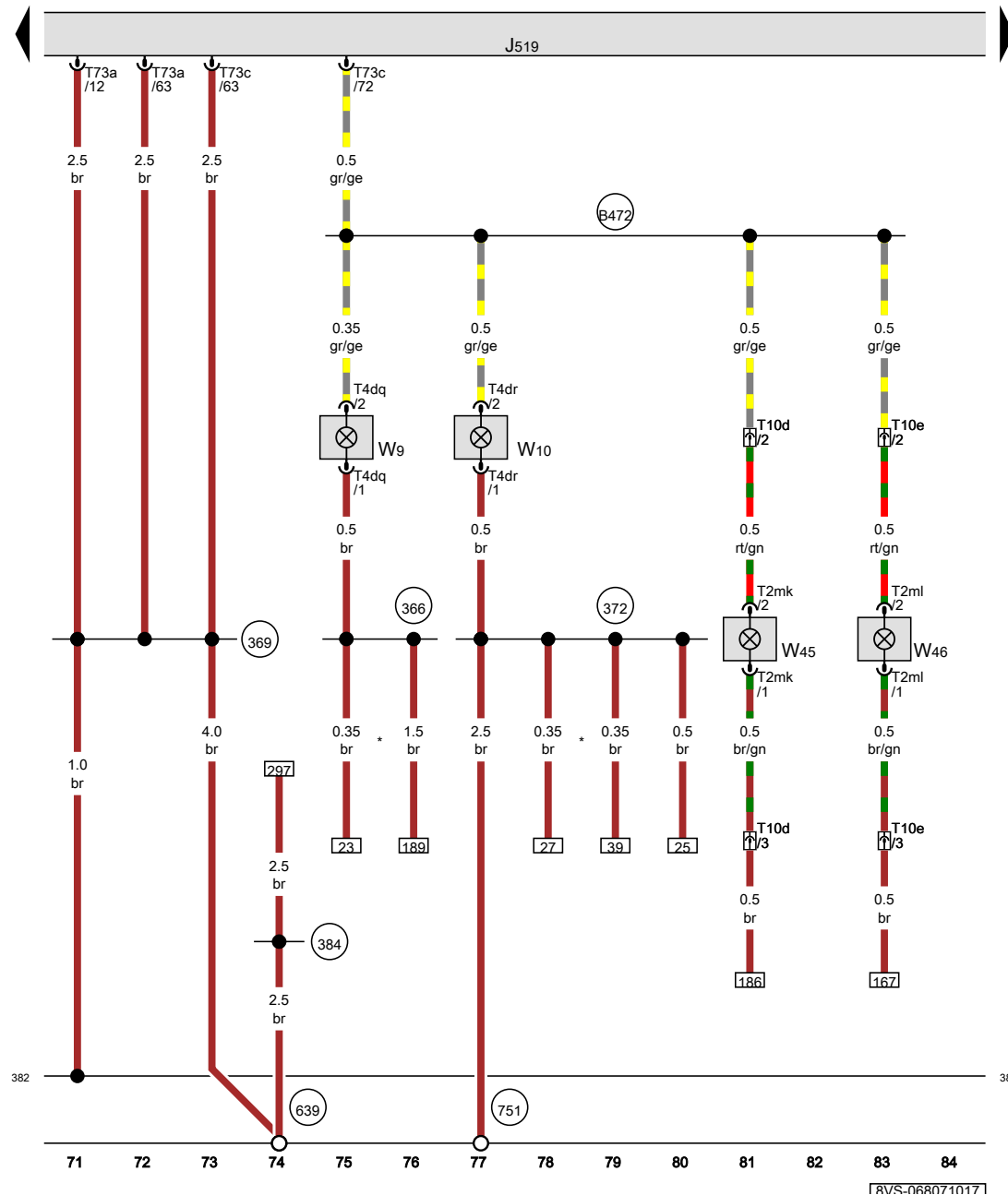
- * According to equipment
- *2 From May 2015

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- ge = yellow
- or = orange
- rs = pink



* According to equipment

Left footwell light, Right footwell light, Rear left footwell light, Rear right footwell light

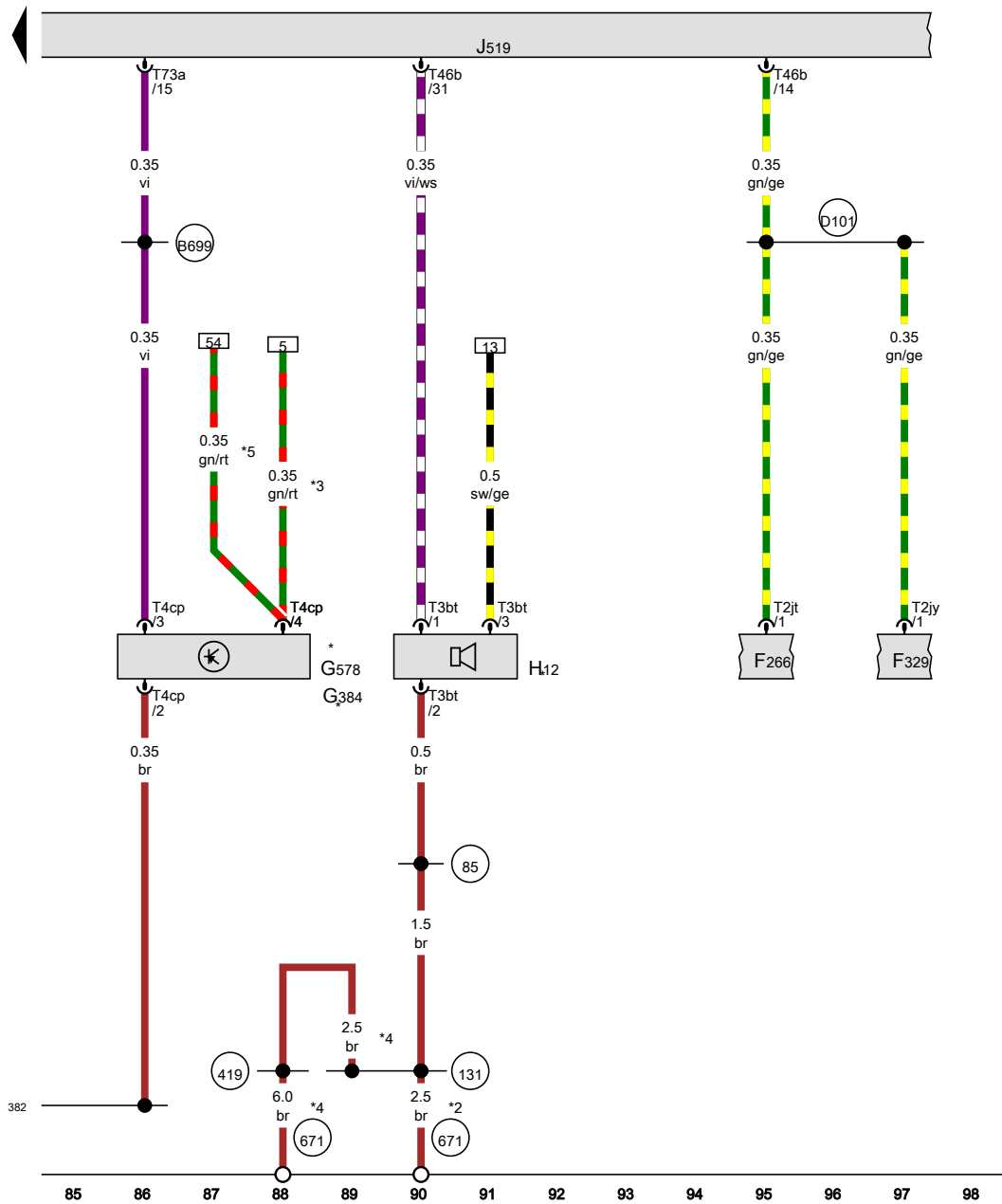


- J519 Onboard supply control unit
- T2mk 2-pin connector
- T2ml 2-pin connector
- T4dq 4-pin connector
- T4dr 4-pin connector
- T10d 10-pin connector, in coupling point for front seat, left, red
- T10e 10-pin connector, in coupling point for front seat, right, red
- T73a 73-pin connector
- T73c 73-pin connector
- W9 Left footwell light
- W10 Right footwell light
- W45 Rear left footwell light
- W46 Rear right footwell light

- 366 Earth connection 1, in main wiring harness
- 369 Earth connection 4, in main wiring harness
- 372 Earth connection 7, in main wiring harness
- 382 Earth connection 17, in main wiring harness
- 384 Earth connection 19, in main wiring harness
- 639 Earth point, left A-pillar
- 751 Earth point 2, on right A-pillar
- B472 Connection 8, in main wiring harness

* Up to April 2016

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Anti-theft alarm sensor, Alarm horn

F266 Bonnet contact switch
 F329 Bonnet contact switch 2
 G384 Vehicle inclination sender
 G578 Anti-theft alarm sensor
 H12 Alarm horn
 J519 Onboard supply control unit
 T2jt 2-pin connector
 T2jy 2-pin connector
 T3bt 3-pin connector
 T4cp 4-pin connector
 T46b 46-pin connector
 T73a 73-pin connector

85 Earth connection 1, in engine compartment wiring harness

131 Earth connection 2, in engine compartment wiring harness

382 Earth connection 17, in main wiring harness

419 Earth connection 11, in engine compartment wiring harness

671 Earth point 1, on front of left longitudinal member

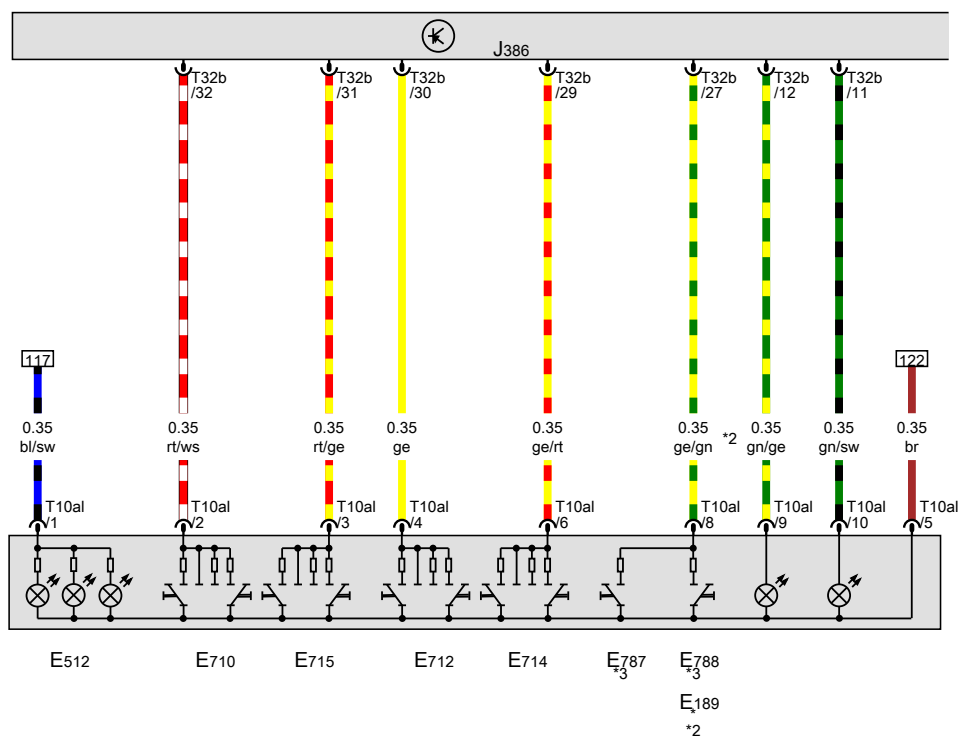
B699 Connection 4 (LIN bus) in main wiring harness

D101 Connection 1 in engine compartment wiring harness

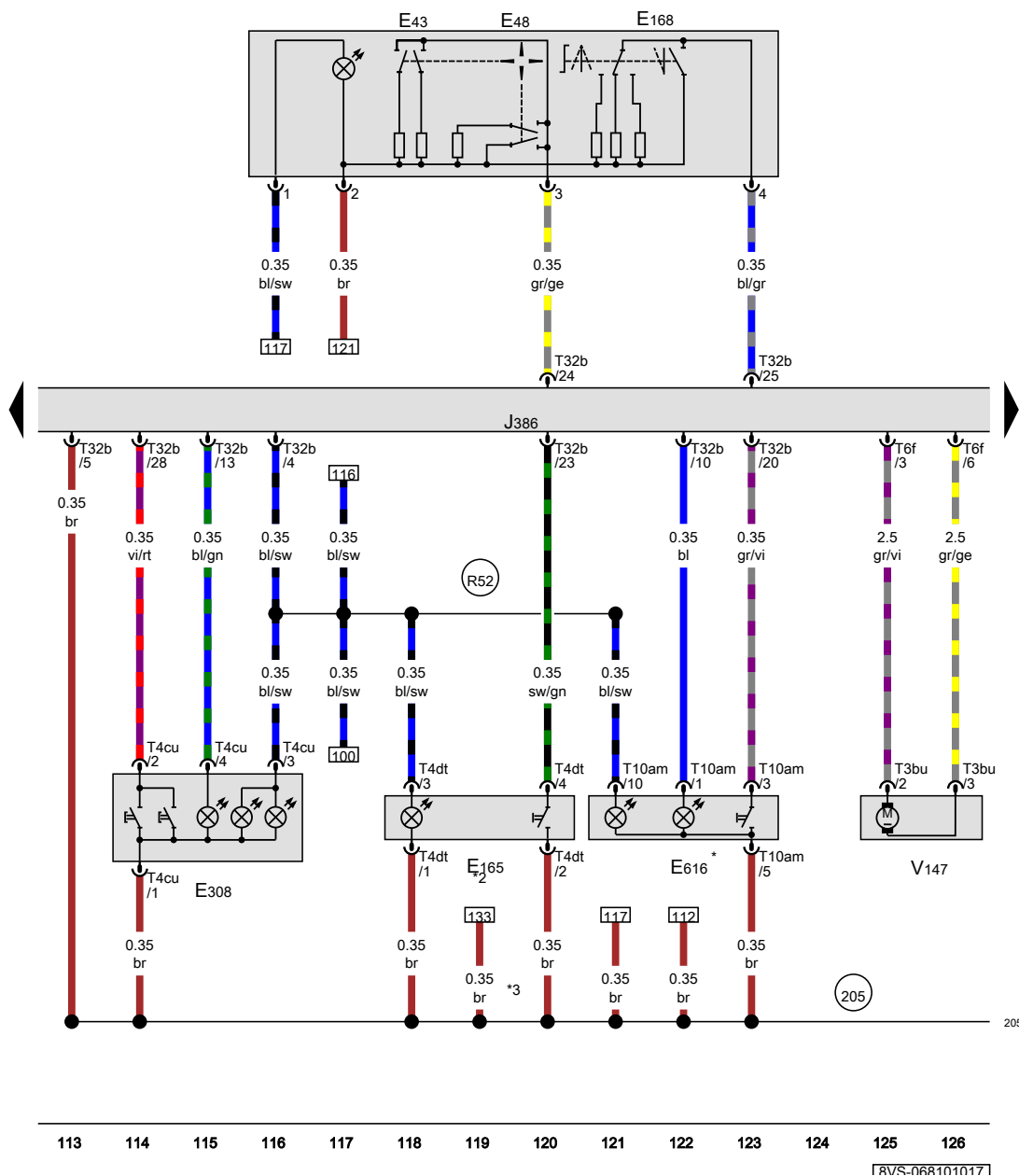
* For models with anti-theft alarm system
 *2 Gradually discontinued
 *3 Up to April 2015
 *4 gradual introduction
 *5 From May 2015

Central switch for window regulators in driver door, Operating unit for window regulator in driver door, Front driver side window regulator button, Rear driver side window regulator button, in driver door, Rear passenger side window regulator button, in driver door, Front passenger side window regulator button, in driver door, Rear childproof lock button, driver side, Rear childproof lock button, passenger side, Driver door control unit

- E189 Central switch for window regulators in driver door
- E512 Operating unit for window regulator in driver door
- E710 Front driver side window regulator button
- E712 Rear driver side window regulator button, in driver door
- E714 Rear passenger side window regulator button, in driver door
- E715 Front passenger side window regulator button, in driver door
- E787 Rear childproof lock button, driver side
- E788 Rear childproof lock button, passenger side
- J386 Driver door control unit
- T10al 10-pin connector
- T32b 32-pin connector
- * For models with no childproof locks
- *2 If fitted
- *3 For models with childproof locks



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Mirror adjustment switch, Mirror adjustment changeover switch, Adjustment switch for mirror with fold-in feature, Driver side interior locking button for central locking system, Button for deactivating interior monitoring and vehicle inclination sensor, Driver door control unit, Driver side window regulator motor

- E43 Mirror adjustment switch
- E48 Mirror adjustment changeover switch
- E165 Rear lid release switch
- E168 Adjustment switch for mirror with fold-in feature
- E308 Driver side interior locking button for central locking system
- E616 Button for deactivating interior monitoring and vehicle inclination sensor
- J386 Driver door control unit
- T3bu 3-pin connector
- T4cu 4-pin connector
- T4dt 4-pin connector
- T6f 6-pin connector
- T10am 10-pin connector
- T32b 32-pin connector
- V147 Driver side window regulator motor

205 Earth connection, in driver door wiring harness

R52 Connection (58s), in driver side door wiring harness

* For models with interior monitoring

*2 If fitted

*3 For models with background lighting in sill panel mouldings

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Driver door control unit, Central locking SAFELOCK function warning lamp, Light for driver side interior door handle illumination, Light for driver side door loudspeaker trim, Driver side door warning lamp, Light conductor for front right sill panel moulding background lighting, Light for driver door background lighting, Driver side entry light

- J386 Driver door control unit
- K133 Central locking SAFELOCK function warning lamp
- L219 Light for driver side interior door handle illumination
- L223 Light for driver side door loudspeaker trim
- T2e 2-pin connector
- T2mn 2-pin connector
- T2mo 2-pin connector
- T2mp 2-pin connector
- T2mq 2-pin connector
- T2mr 2-pin connector
- T2ms 2-pin connector
- T2qp 2-pin connector
- T4eu 4-pin connector
- T20c 20-pin connector
- T27a 27-pin connector
- T32b 32-pin connector
- W30 Driver side door warning lamp
- W68 Light conductor for front right sill panel moulding background lighting
- W86 Light for driver door background lighting
- W92 Driver side entry light

205 Earth connection, in driver door wiring harness

R56 Connection (entry light), in driver door wiring harness

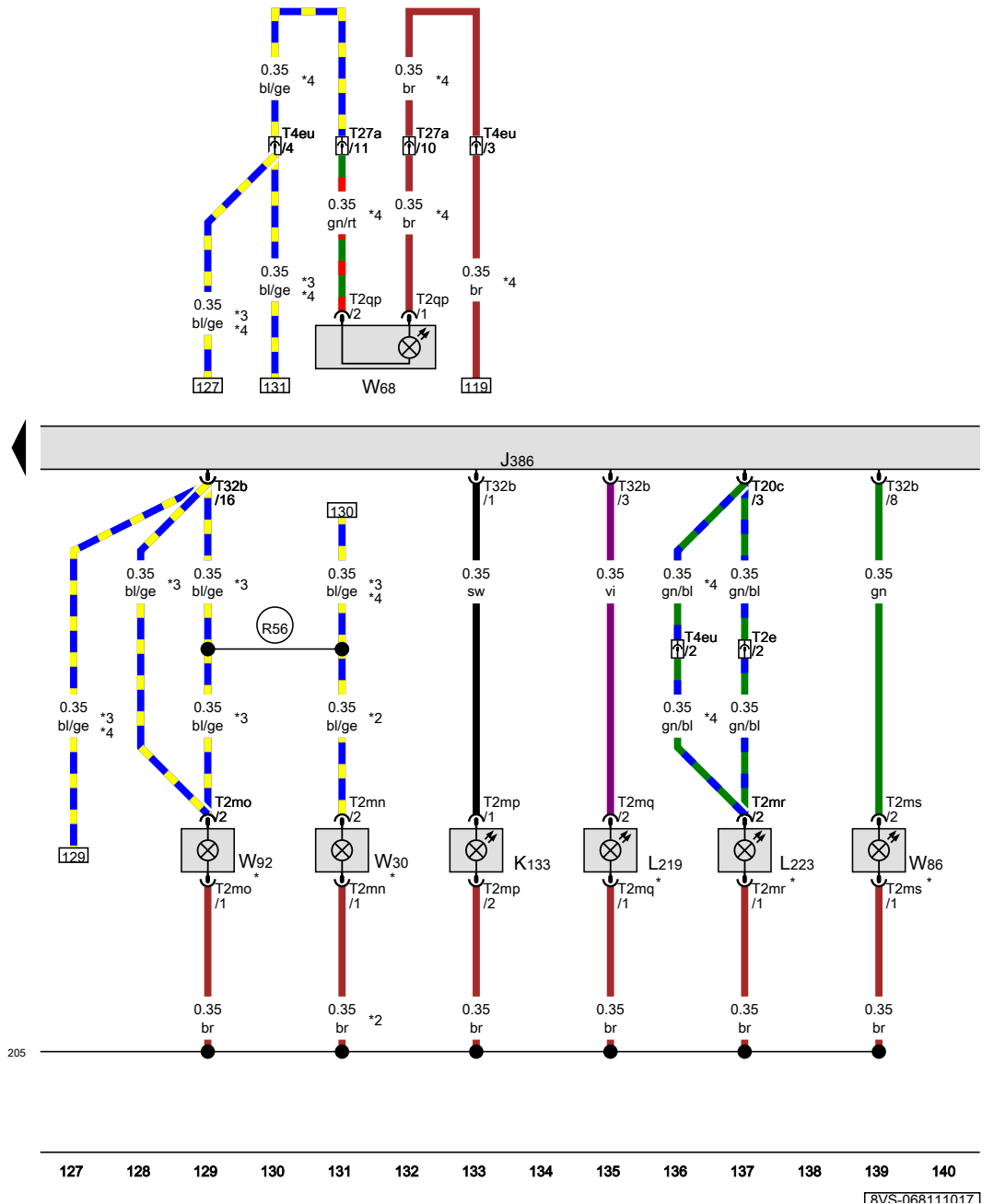
* For models with additional lights

*2 Up to April 2017

*3 According to equipment

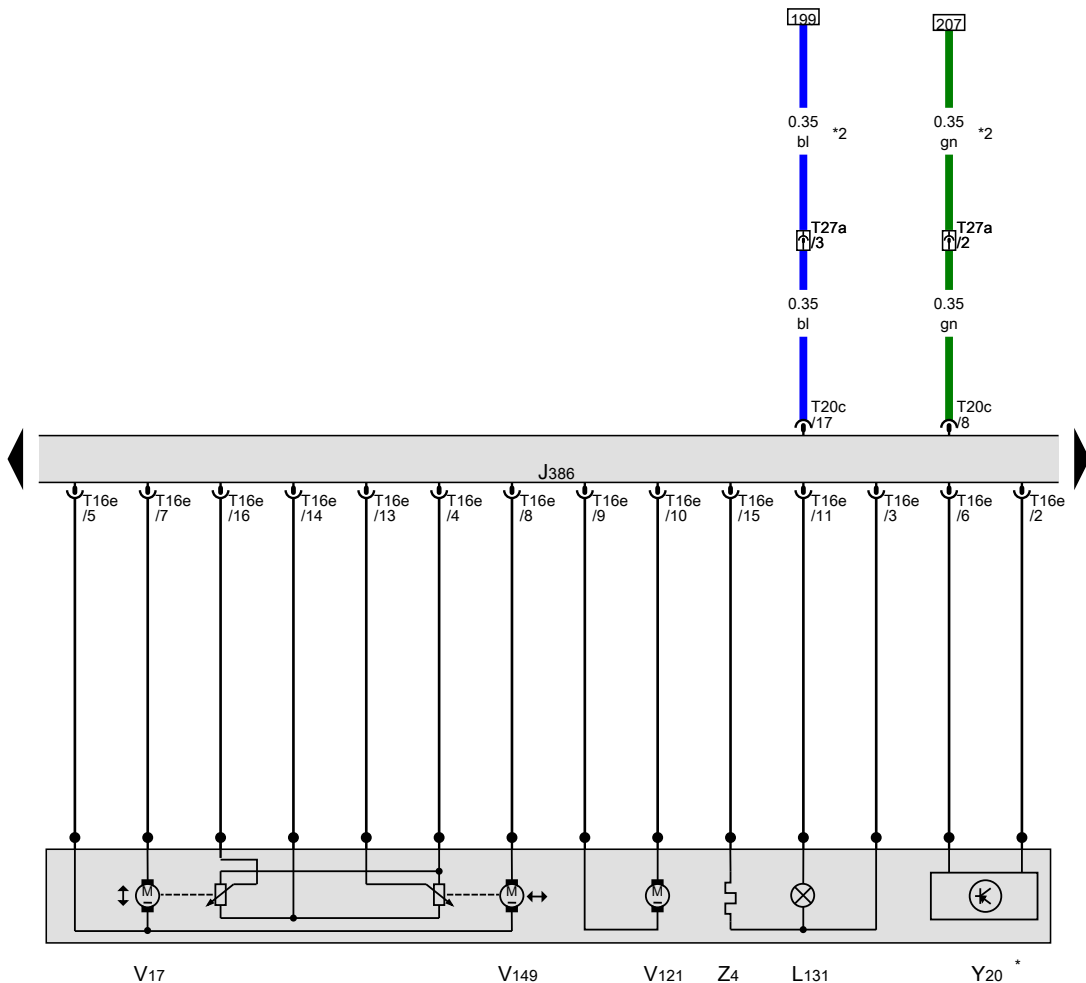
*4 For models with background lighting in sill panel mouldings

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Driver door control unit, Driver side turn signal repeater bulb, Driver side mirror adjustment motor 2, Driver side fold-in mirror motor, Driver side mirror adjustment motor, Automatic anti-dazzle exterior mirror, driver side, Heated exterior mirror on driver side

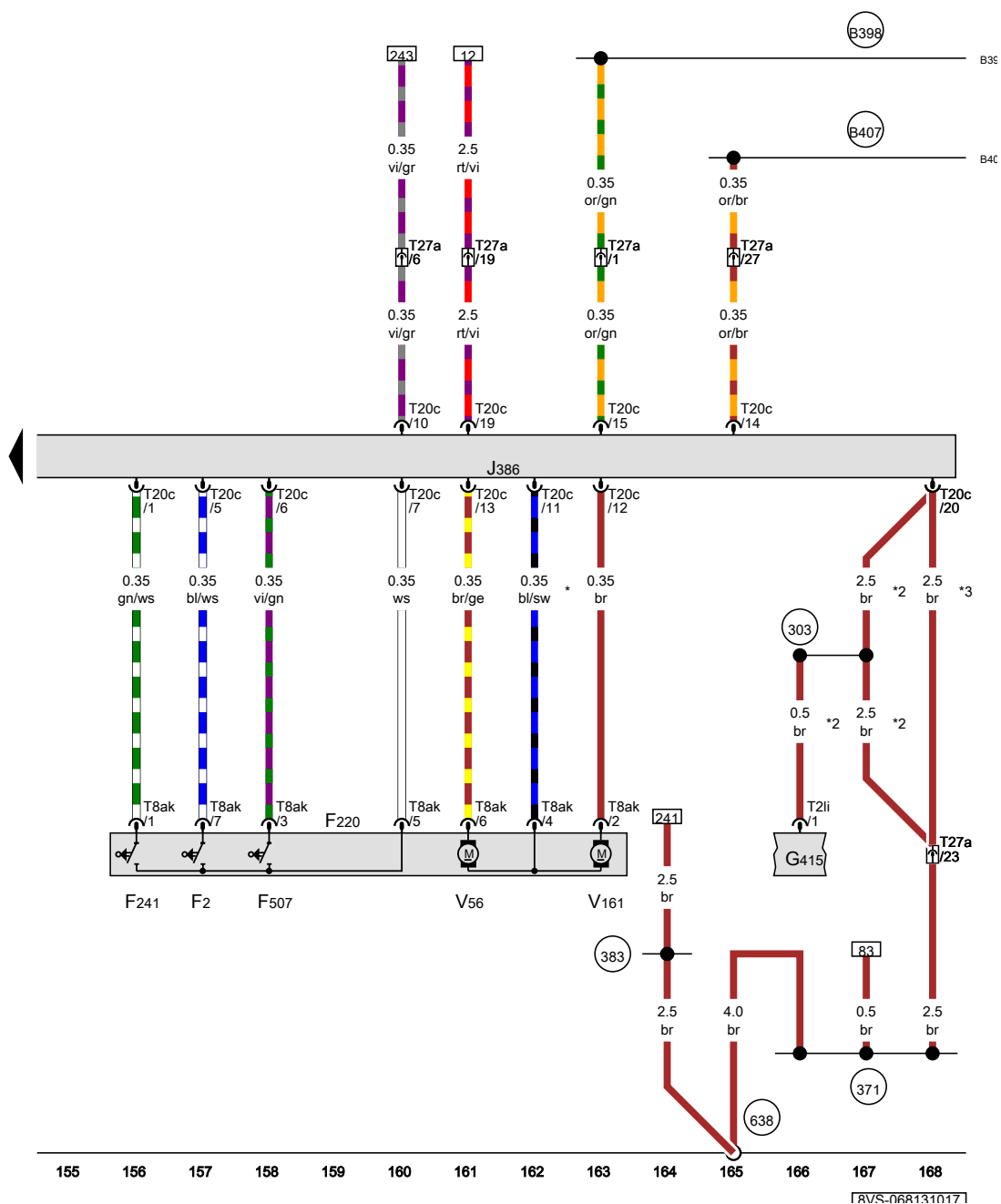
- J386 Driver door control unit
- L131 Driver side turn signal repeater bulb
- T16e 16-pin connector
- T20c 20-pin connector
- T27a 27-pin connector
- V17 Driver side mirror adjustment motor 2
- V121 Driver side fold-in mirror motor
- V149 Driver side mirror adjustment motor
- Y20 Automatic anti-dazzle exterior mirror, driver side
- Z4 Heated exterior mirror on driver side
- * For models with automatic anti-dazzle exterior mirror
- *2 For models with automatic anti-dazzle interior mirror



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141 142 143 144 145 146 147 148 149 150 151 152 153 154

[AVS-06R121017]



Driver door contact switch, Driver side central locking lock unit, Driver side contact switch in lock cylinder, Driver side central locking actuator, Driver door control unit, Driver door central locking motor, Driver door central locking SAFELOCK function motor

- F2 Driver door contact switch
- F220 Driver side central locking lock unit
- F241 Driver side contact switch in lock cylinder
- F507 Driver side central locking actuator
- G415 Driver exterior door handle contact sensor
- J386 Driver door control unit
- T2li 2-pin connector
- T8ak 8-pin connector
- T20c 20-pin connector
- T27a 27-pin connector
- V56 Driver door central locking motor
- V161 Driver door central locking SAFELOCK function motor

303 Earth connection 3, in drive side door wiring harness

371 Earth connection 6, in main wiring harness

383 Earth connection 18, in main wiring harness

638 Earth point, on right A-pillar

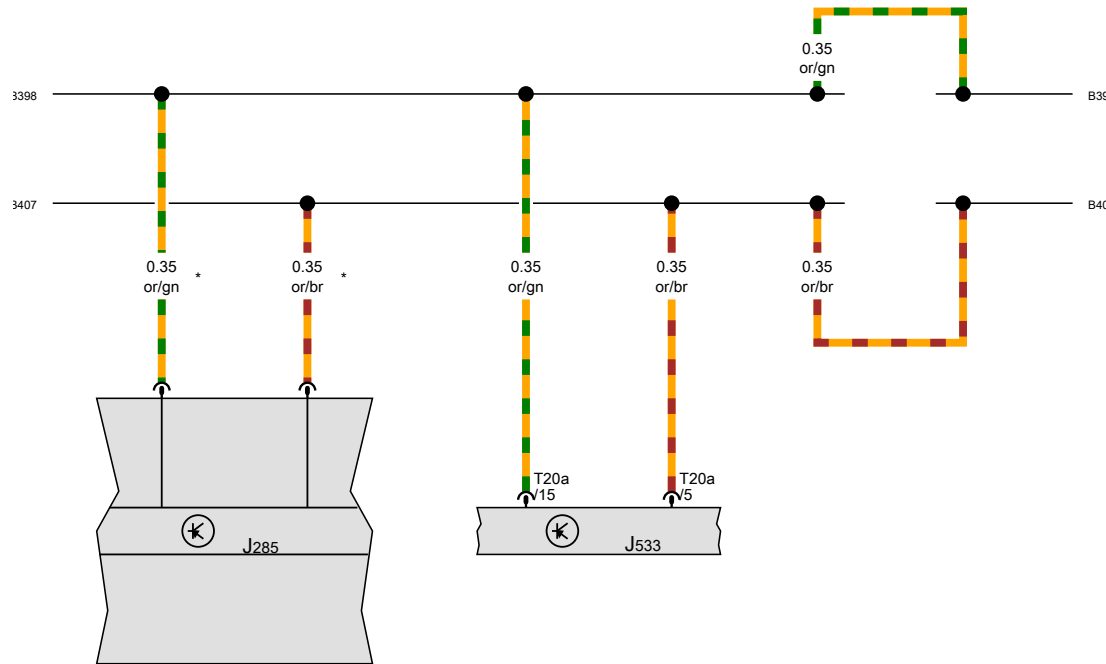
B398 Connection 2 (convenience CAN bus, high), in main wiring harness

B407 Connection 2 (convenience CAN bus, low), in main wiring harness

* According to equipment

*2 For models with entry and start authorisation

*3 For models with no entry and start authorisation



Control unit in dash panel insert, Data bus diagnostic interface

J285 Control unit in dash panel insert

J533 Data bus diagnostic interface

T20a 20-pin connector

B397 Connection 1 (convenience CAN bus, high), in main wiring harness

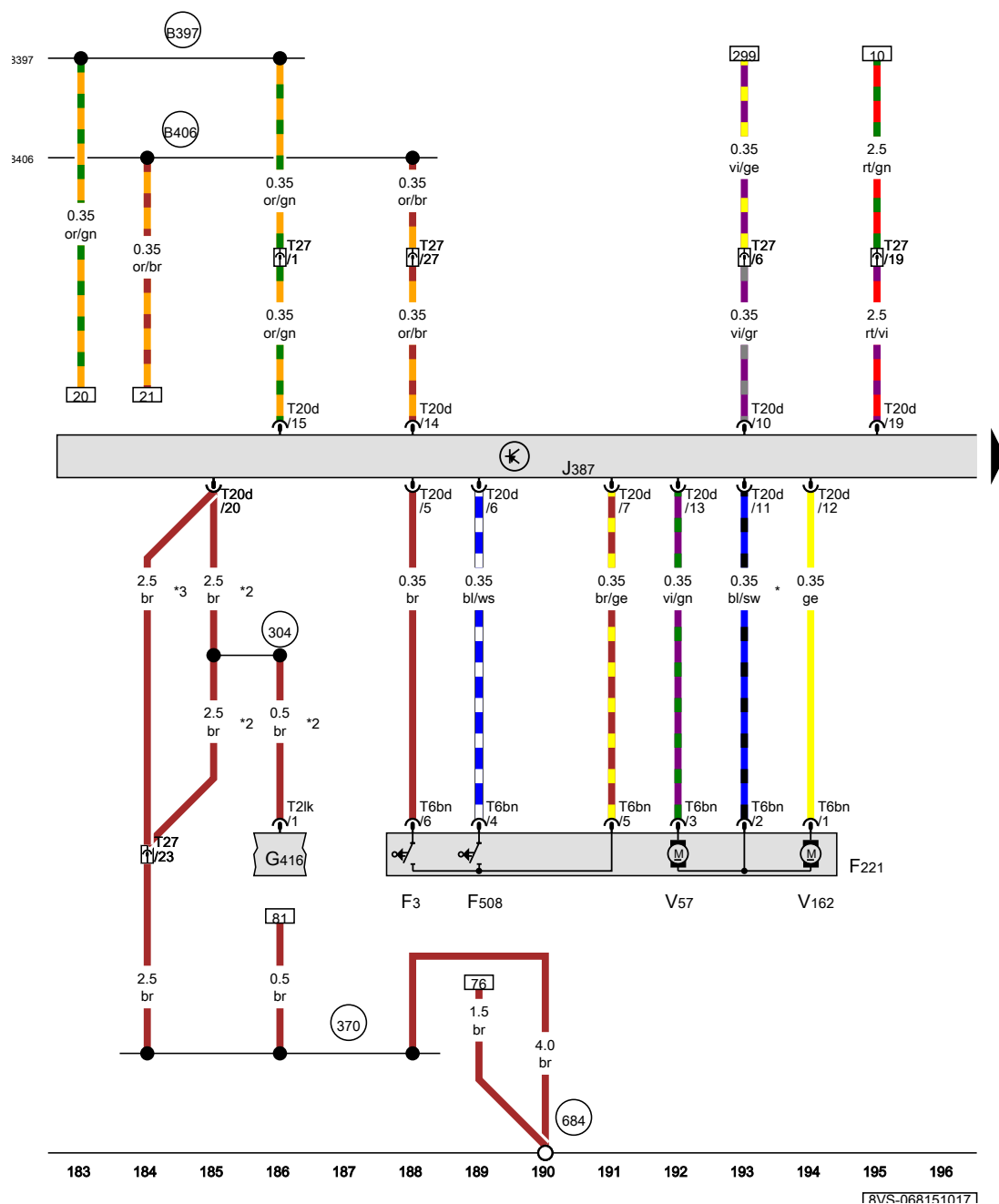
B398 Connection 2 (convenience CAN bus, high), in main wiring harness

B406 Connection 1 (convenience CAN bus, low), in main wiring harness

B407 Connection 2 (convenience CAN bus, low), in main wiring harness

* see applicable current flow diagram for dash panel insert

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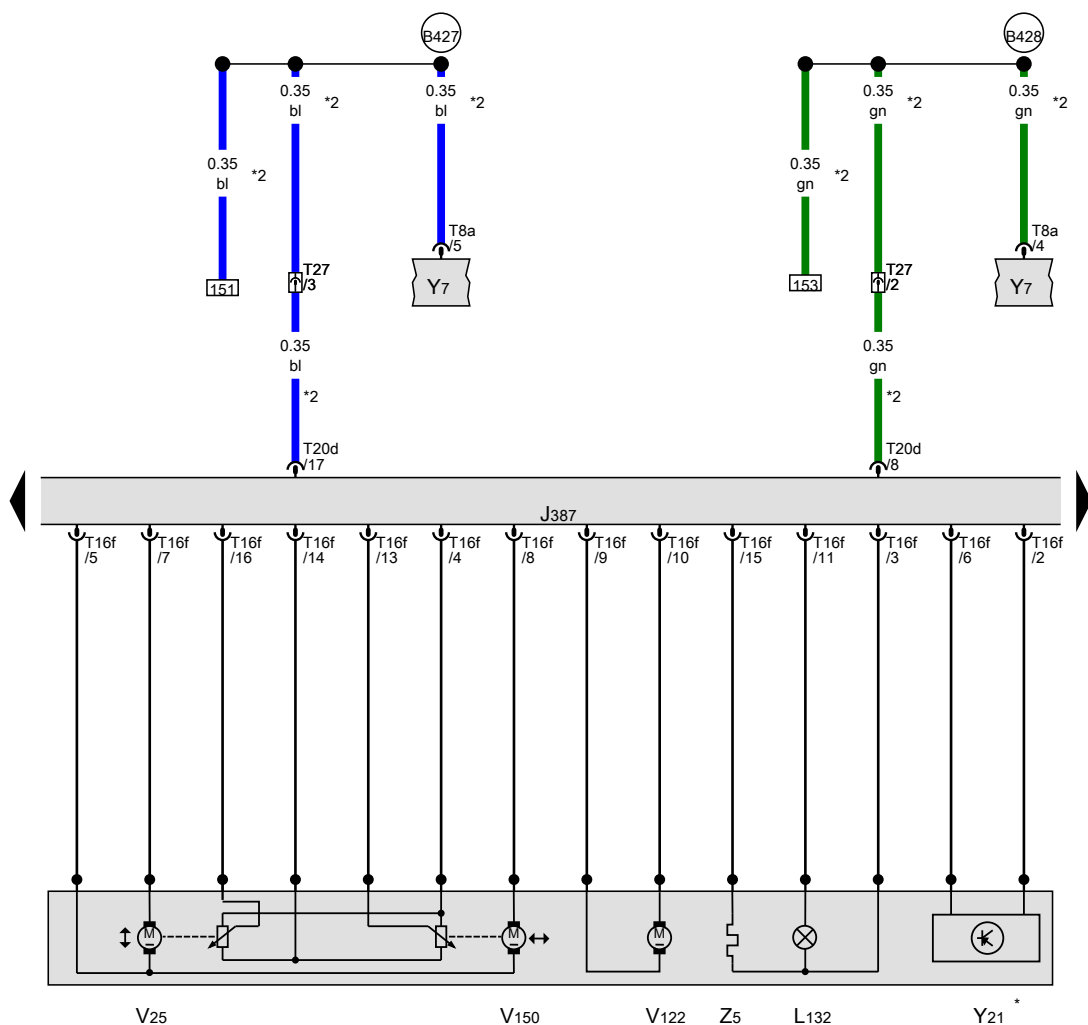


Front passenger door contact switch, Front passenger side central locking lock unit, Passenger side central locking actuator, Front passenger door control unit, Front passenger door central locking motor, Front passenger door central locking SAFELOCK function motor

- F3 Front passenger door contact switch
- F221 Front passenger side central locking lock unit
- F508 Passenger side central locking actuator
- G416 Front passenger exterior door handle contact sensor
- J387 Front passenger door control unit
- T2lk 2-pin connector
- T6bn 6-pin connector
- T20d 20-pin connector
- T27 27-pin connector
- V57 Front passenger door central locking motor
- V162 Front passenger door central locking SAFELOCK function motor

- 304 Earth connection 3, in front passenger side door wiring harness
- 370 Earth connection 5, in main wiring harness
- 684 Earth point on front of left side member
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- * According to equipment
- *2 For models with entry and start authorisation
- *3 For models with no entry and start authorisation

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Front passenger door control unit, Front passenger side turn signal repeater bulb, Front passenger side mirror adjustment motor 2, Front passenger side fold-in mirror motor, Front passenger side mirror adjustment motor, Automatic anti-dazzle exterior mirror, passenger side, Heated exterior mirror on passenger side

- J387 Front passenger door control unit
- L132 Front passenger side turn signal repeater bulb
- T8a 8-pin connector
- T16f 16-pin connector
- T20d 20-pin connector
- T27 27-pin connector
- V25 Front passenger side mirror adjustment motor 2
- V122 Front passenger side fold-in mirror motor
- V150 Front passenger side mirror adjustment motor
- Y7 Automatic anti-dazzle interior mirror
- Y21 Automatic anti-dazzle exterior mirror, passenger side
- Z5 Heated exterior mirror on passenger side

B427 Connection 1 (mirror signal), in main wiring harness

B428 Connection 2 (mirror signal), in main wiring harness

- * For models with automatic anti-dazzle exterior mirror
- *2 For models with automatic anti-dazzle interior mirror

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197 198 199 200 201 202 203 204 205 206 207 208 209 210

[AVS-068161017]

E309	Front passenger side interior locking button for central locking system
E716	Front passenger side window regulator button
J387	Front passenger door control unit
T3bv	3-pin connector
T4cv	4-pin connector
T4cw	4-pin connector
T6g	6-pin connector
T32c	32-pin connector
V148	Front passenger side window regulator motor

- (R53) Connection (58s), in driver side door wiring harness

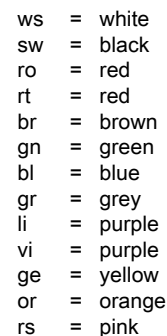
* For models with front passenger side interior locking button

*2 For models with no additional lights

*3 According to equipment

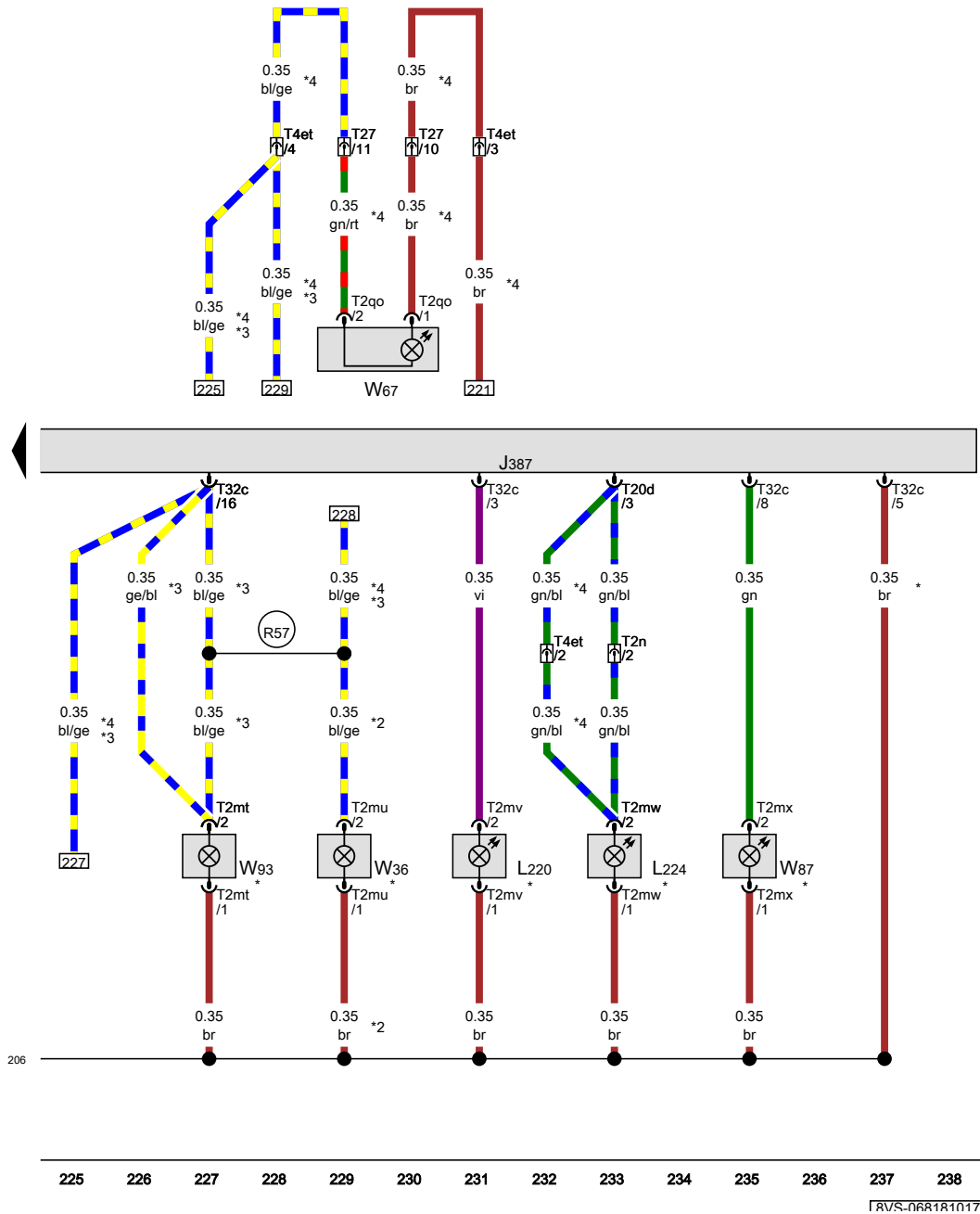
*4 For models with additional lights

*5 For models with background lighting in sill panel mouldings



Front passenger door control unit, Light for passenger side interior door handle illumination, Light for passenger side door loudspeaker trim, Front passenger side door warning lamp, Light conductor for front left sill panel moulding background lighting, Light for passenger door background lighting, Passenger side entry light

- J387 Front passenger door control unit
- L220 Light for passenger side interior door handle illumination
- L224 Light for passenger side door loudspeaker trim
- T2mt 2-pin connector
- T2mu 2-pin connector
- T2mv 2-pin connector
- T2mw 2-pin connector
- T2mx 2-pin connector
- T2n 2-pin connector
- T2qo 2-pin connector
- T4et 4-pin connector
- T20d 20-pin connector
- T27 27-pin connector
- T32c 32-pin connector
- W36 Front passenger side door warning lamp
- W67 Light conductor for front left sill panel moulding background lighting
- W87 Light for passenger door background lighting
- W93 Passenger side entry light
- 206 Earth connection, in front passenger door wiring harness
- R57 Connection (entry light), in front passenger door wiring harness
- * For models with additional lights
- *2 Up to April 2017
- *3 According to equipment
- *4 For models with background lighting in sill panel mouldings



Rear driver side door control unit, Light for rear driver side interior door handle illumination, Rear driver side entry light, Light for rear door background lighting, driver side, Rear door warning lamp, driver side

- J926 Rear driver side door control unit
- L221 Light for rear driver side interior door handle illumination
- T2my 2-pin connector
- T2mz 2-pin connector
- T2na 2-pin connector
- T2nb 2-pin connector
- T16i 16-pin connector
- T20j 20-pin connector
- T27c 27-pin connector
- W83 Rear driver side entry light
- W88 Light for rear door background lighting, driver side
- W90 Rear door warning lamp, driver side

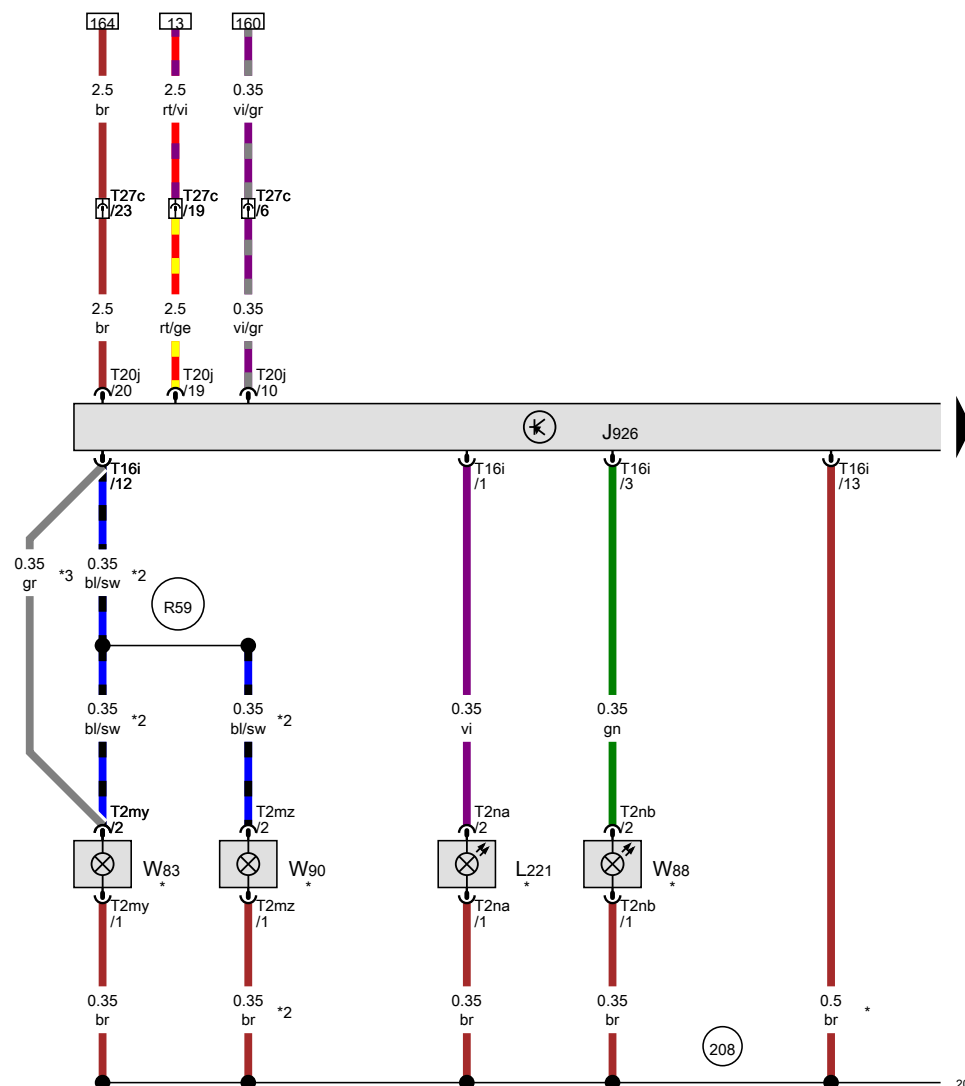
208 Earth connection, in rear right door wiring harness

R59 Connection (entry light), in rear right door wiring harness

* For models with additional lights

*2 Up to April 2017

*3 From May 2017



ws = white
sw = black
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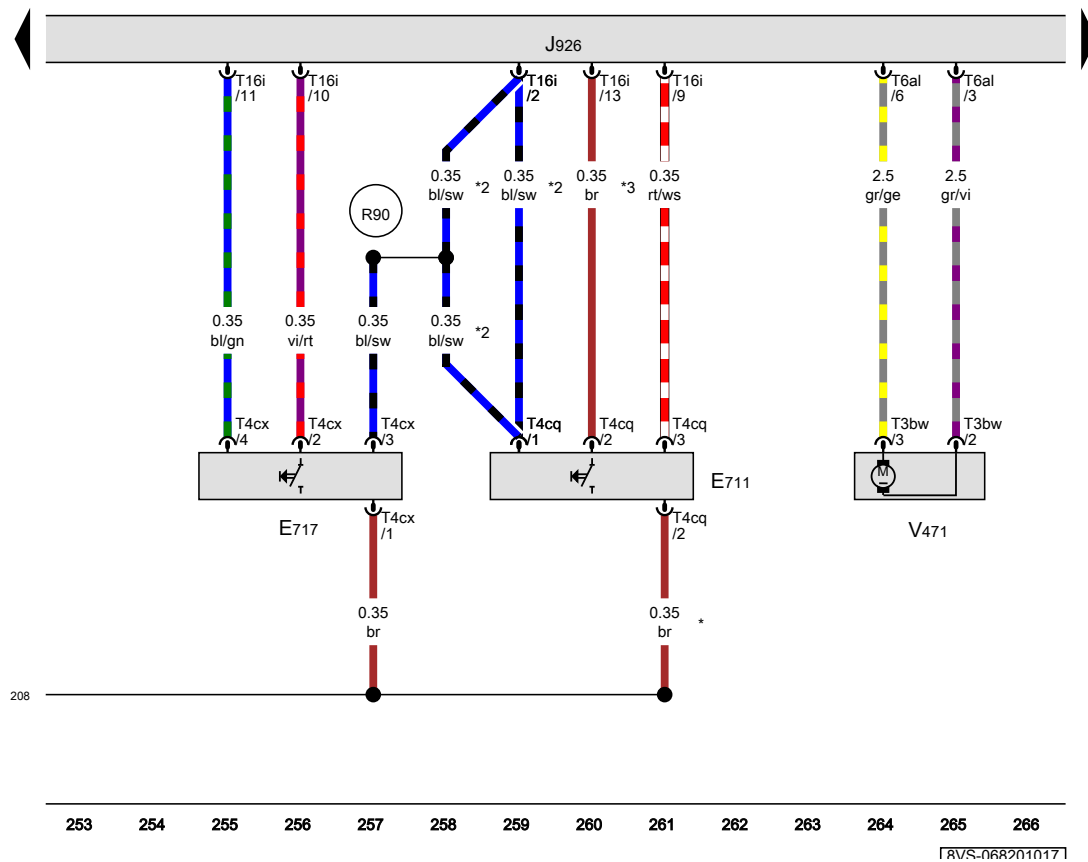
Rear driver side window regulator button, Rear driver side interior locking button for central locking system, Rear driver side door control unit, Rear driver side window regulator motor

- E711 Rear driver side window regulator button
- E717 Rear driver side interior locking button for central locking system
- J926 Rear driver side door control unit
- T3bw 3-pin connector
- T4cq 4-pin connector
- T4cx 4-pin connector
- T6al 6-pin connector
- T16i 16-pin connector
- V471 Rear driver side window regulator motor

208 Earth connection, in rear right door wiring harness

R90 Connection 1, in rear right door wiring harness

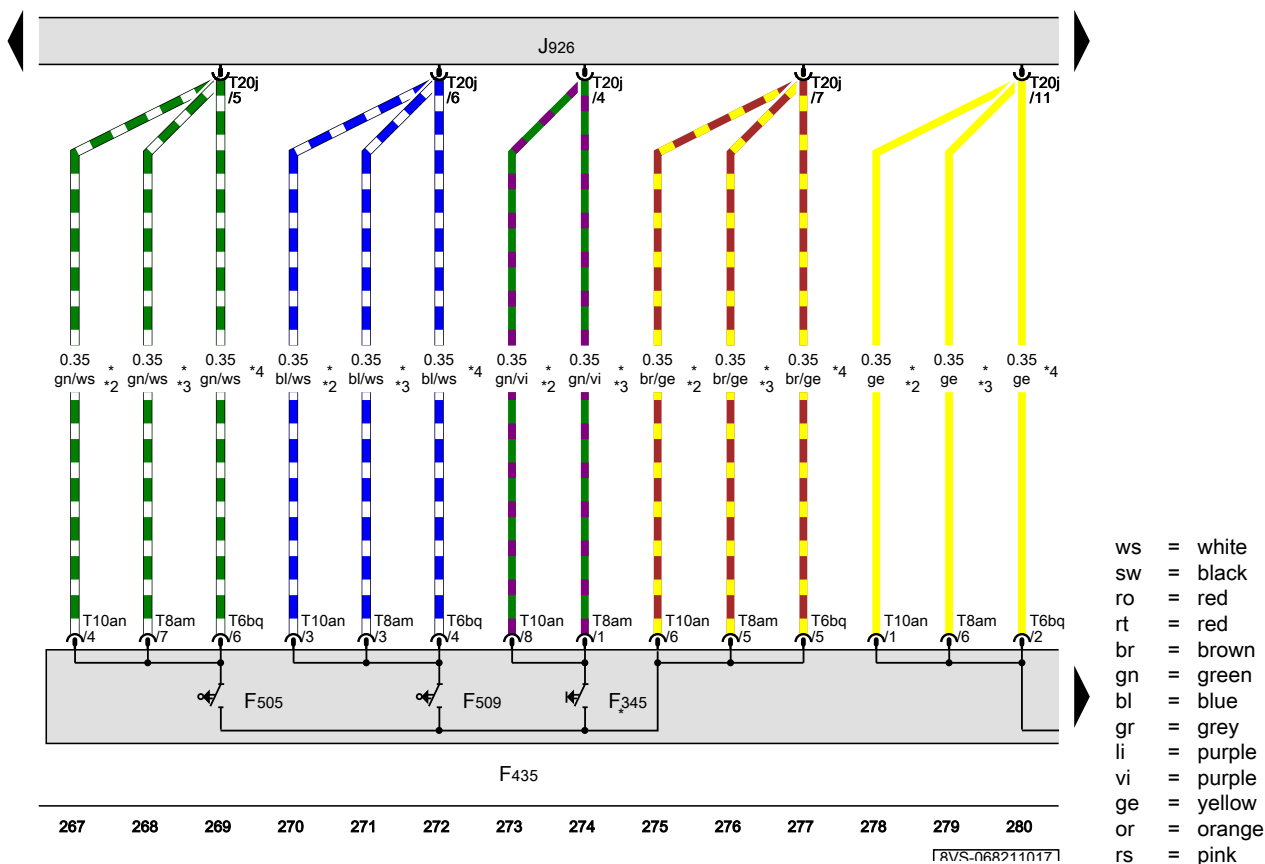
- * For models with additional lights
- *2 According to equipment
- *3 For models with no additional lights



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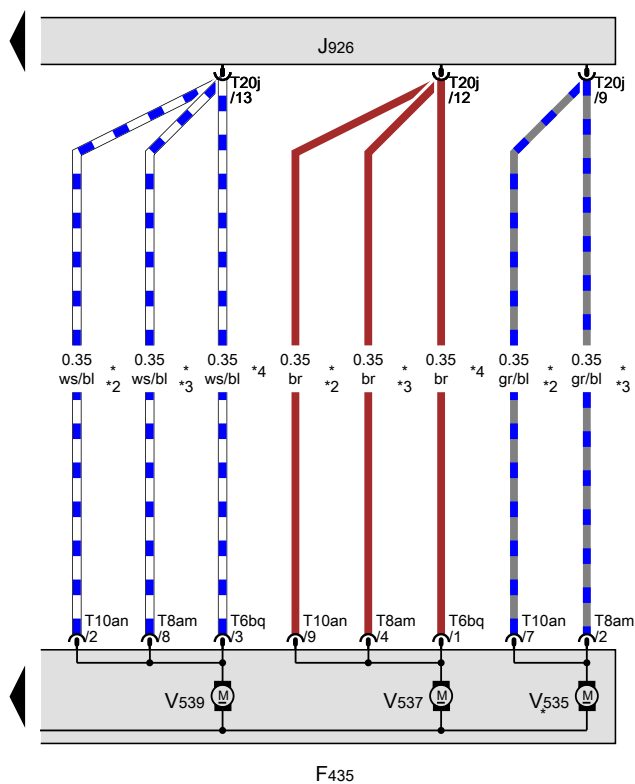
Rear driver side central locking lock unit, Rear driver side door control unit

- F345 Rear right childproof lock contact switch
- F435 Rear driver side central locking lock unit
- F505 Rear door contact switch, driver side
- F509 Rear central locking actuator, driver side
- J926 Rear driver side door control unit
- T6bq 6-pin connector
- T8am 8-pin connector
- T10an 10-pin connector
- T20j 20-pin connector
- * For models with childproof locks
- *2 Up to October 2015
- *3 From November 2015
- *4 For models with no childproof locks



Rear driver side central locking lock unit, Rear driver side door control unit

- F435 Rear driver side central locking lock unit
- J926 Rear driver side door control unit
- T6bq 6-pin connector
- T8am 8-pin connector
- T10an 10-pin connector
- T20j 20-pin connector
- V535 Rear childproof lock motor, driver side
- V537 Rear central locking SAFELOCK function motor, driver side
- V539 Rear central locking motor, driver side
- * For models with childproof locks
- *2 Up to October 2015
- *3 From November 2015
- *4 For models with no childproof locks



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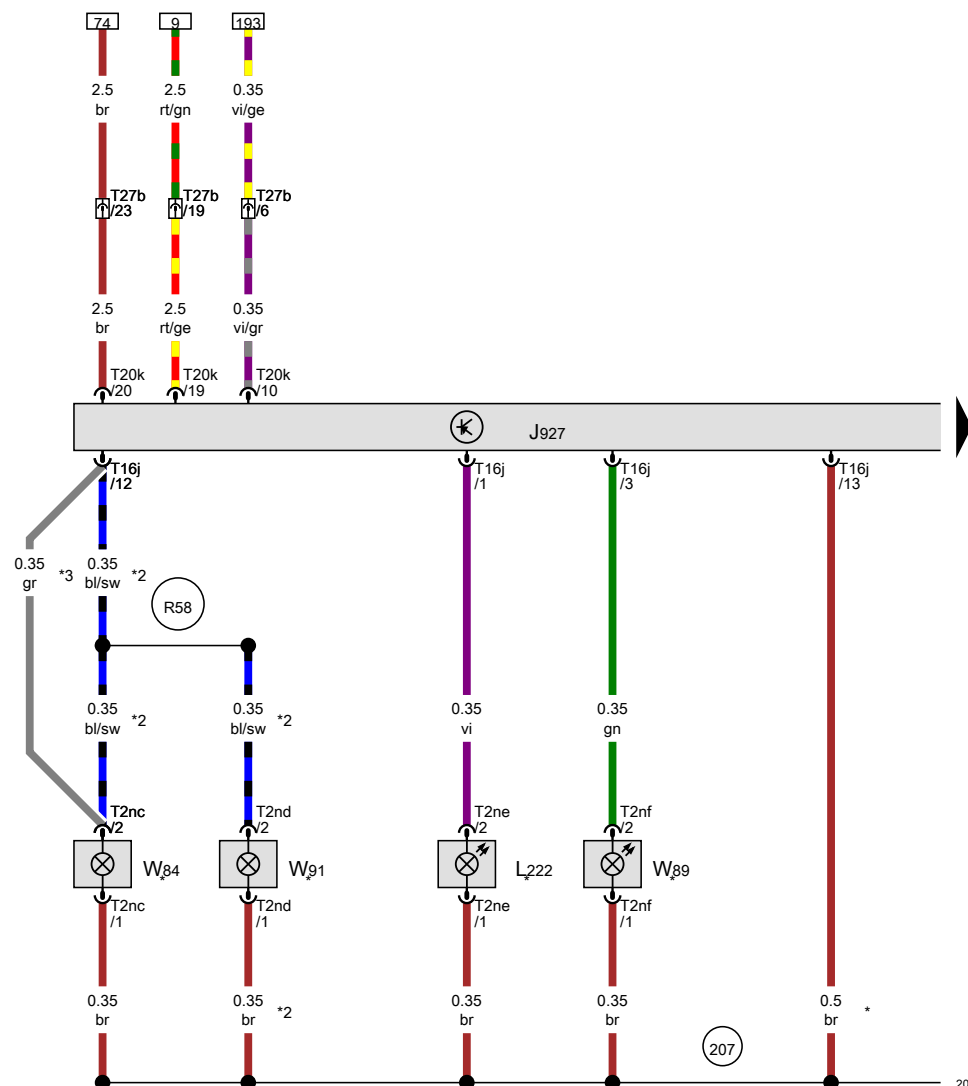
[AVS-068221017]

Rear passenger side door control unit, Light for rear passenger side interior door handle illumination, Rear passenger side entry light, Light for rear door background lighting, passenger side, Rear door warning lamp, passenger side

- J927 Rear passenger side door control unit
- L222 Light for rear passenger side interior door handle illumination
- T2nc 2-pin connector
- T2nd 2-pin connector
- T2ne 2-pin connector
- T2nf 2-pin connector
- T16i 16-pin connector
- T16j 16-pin connector
- T20k 20-pin connector
- T27b 27-pin connector
- W84 Rear passenger side entry light
- W89 Light for rear door background lighting, passenger side
- W91 Rear door warning lamp, passenger side

- 207 Earth connection, in rear left door wiring harness
- R58 Connection (entry light), in rear left door wiring harness

- * For models with additional lights
- *2 Up to April 2017
- *3 From May 2017



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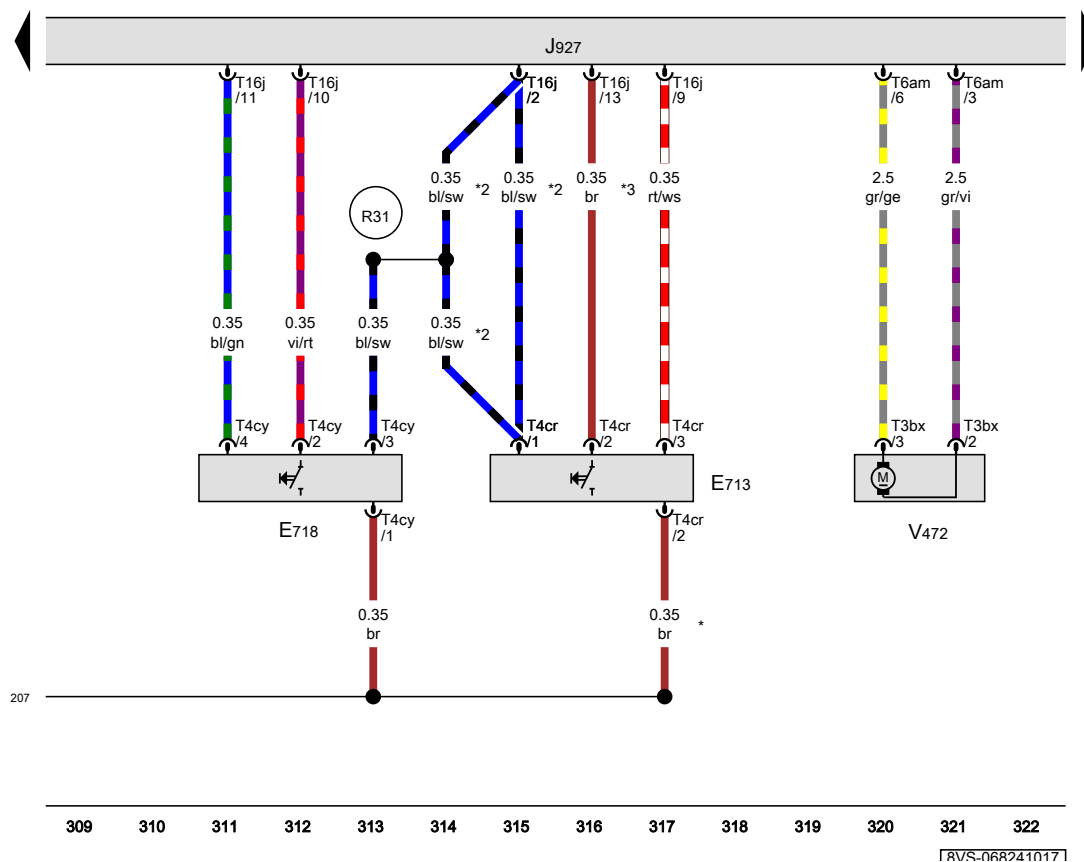
Rear passenger side window regulator button, Rear passenger side interior locking button for central locking system, Rear passenger side door control unit, Rear passenger side window regulator motor

- E713 Rear passenger side window regulator button
- E718 Rear passenger side interior locking button for central locking system
- J927 Rear passenger side door control unit
- T3bx 3-pin connector
- T4cr 4-pin connector
- T4cy 4-pin connector
- T6am 6-pin connector
- T16j 16-pin connector
- V472 Rear passenger side window regulator motor

207 Earth connection, in rear left door wiring harness

R31 Connection 1, in rear left door wiring harness

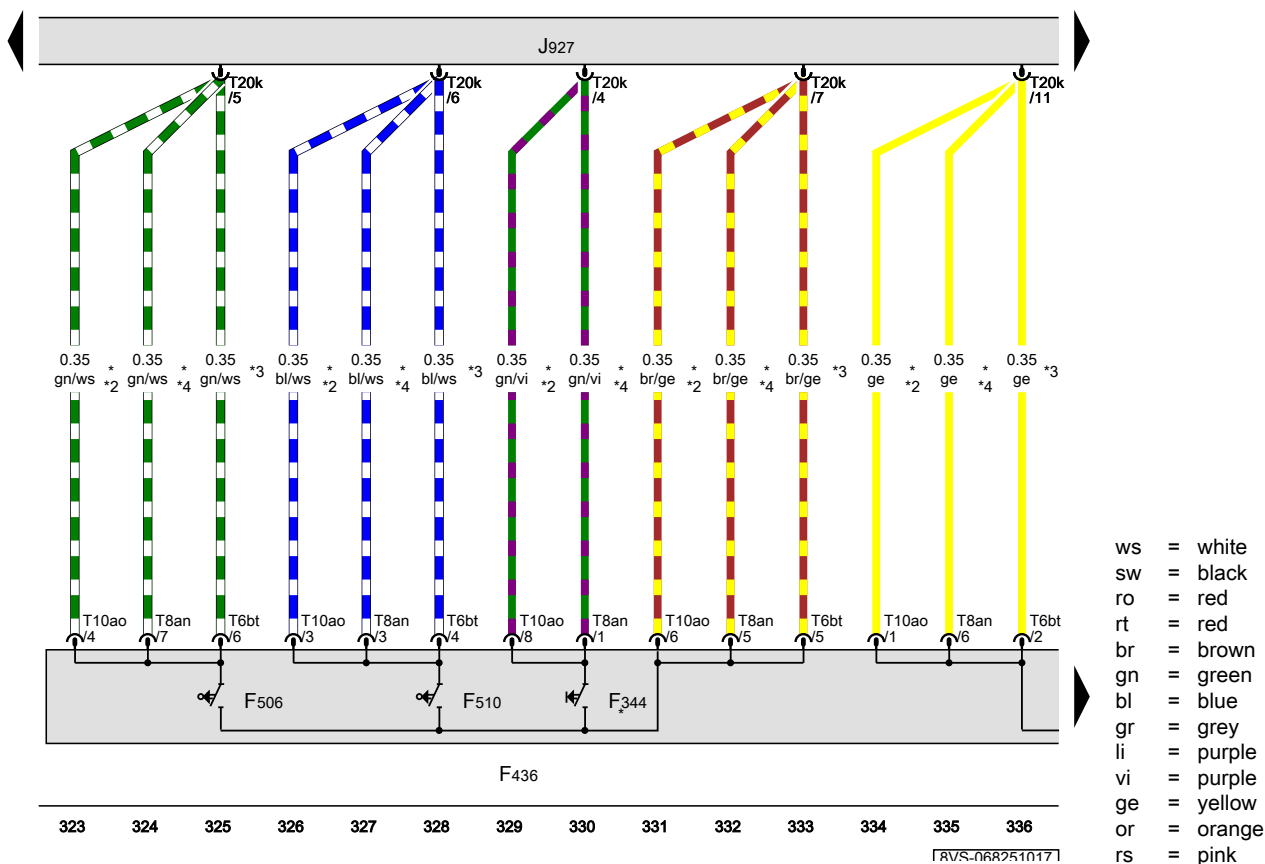
- * For models with additional lights
- *2 According to equipment
- *3 For models with no additional lights



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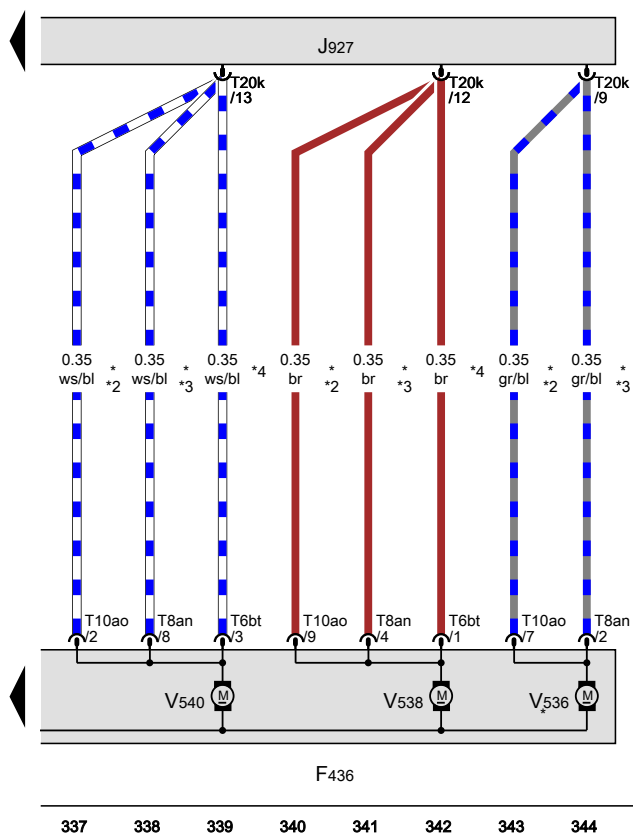
Rear passenger side central locking lock unit, Rear passenger side door control unit

- F344 Rear left childproof lock contact switch
- F436 Rear passenger side central locking lock unit
- F506 Rear door contact switch, passenger side
- F510 Rear central locking actuator, passenger side
- J927 Rear passenger side door control unit
- T6bt 6-pin connector
- T8an 8-pin connector
- T10ao 10-pin connector
- T20k 20-pin connector
- * For models with childproof locks
- *2 Up to October 2015
- *3 For models with no childproof locks
- *4 From November 2015



Rear passenger side central locking lock unit, Rear passenger side door control unit

- F436 Rear passenger side central locking lock unit
- J927 Rear passenger side door control unit
- T6bt 6-pin connector
- T8an 8-pin connector
- T10ao 10-pin connector
- T20k 20-pin connector
- V536 Rear childproof lock motor, passenger side
- V538 Rear central locking SAFELOCK function motor, passenger side
- V540 Rear central locking motor, passenger side
- * For models with childproof locks
- *2 Up to October 2015
- *3 From November 2015
- *4 For models with no childproof locks

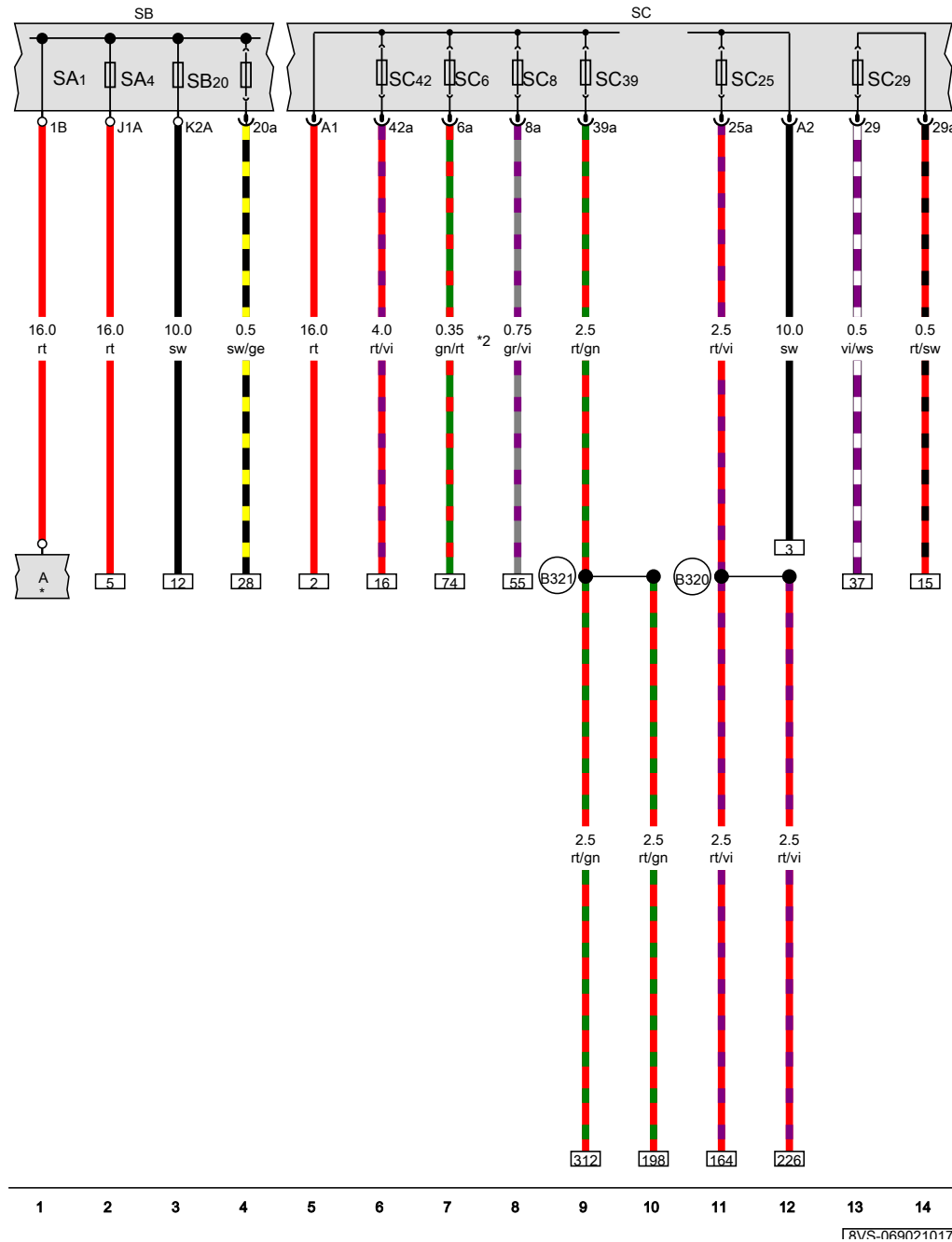


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[AVS-068261017]

Convenience system, 4-door vehicle with lighting package and/or childproof locks , (L0L),(4H5)

From May 2013

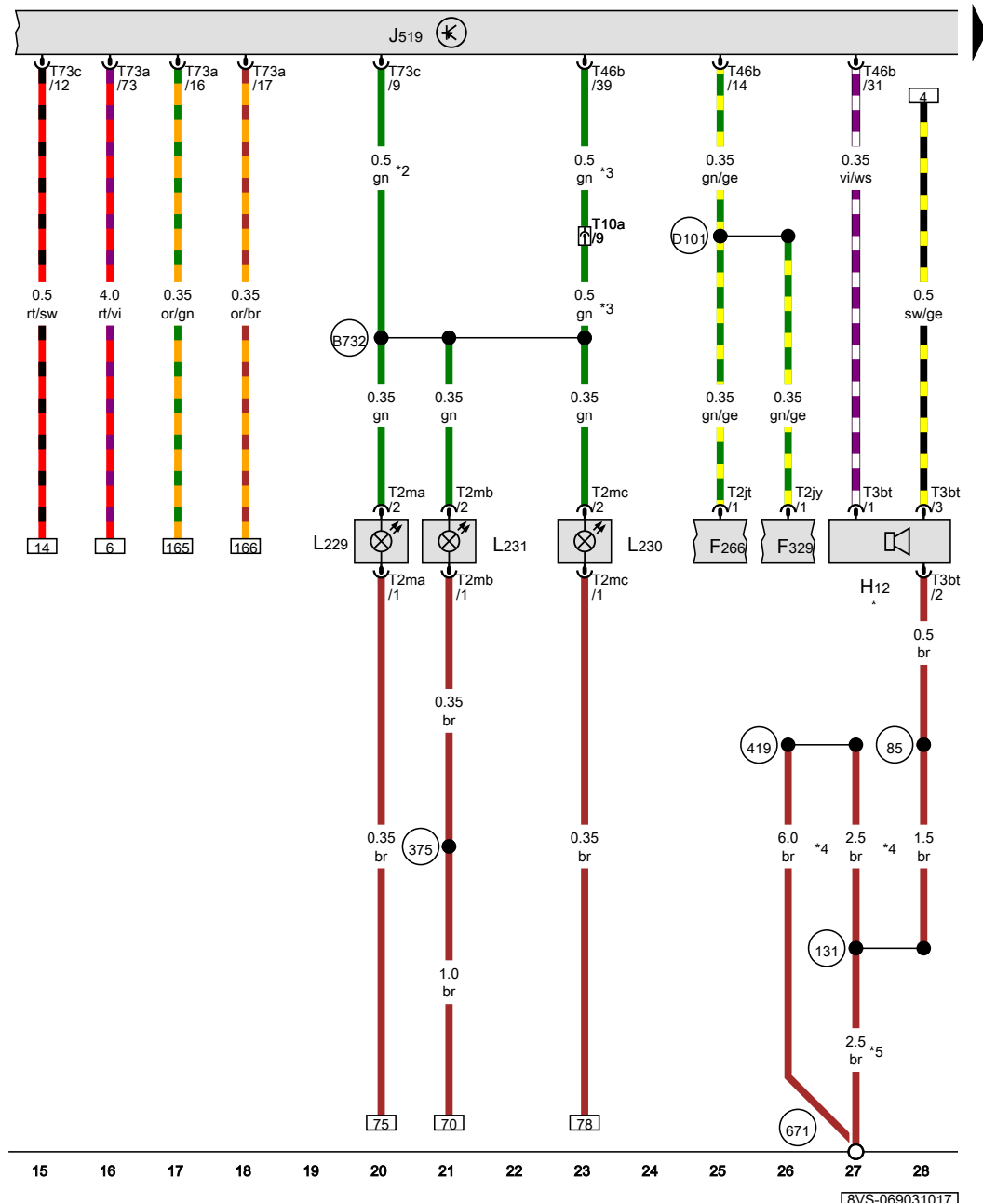


Fuse holder C

- A Battery
- SA1 Fuse 1 on fuse holder A
- SA4 Fuse 4 on fuse holder A
- SB Fuse holder B
- SB20 Fuse 20 on fuse holder B
- SC Fuse holder C
- SC6 Fuse 6 on fuse holder C
- SC8 Fuse 8 on fuse holder C
- SC25 Fuse 25 on fuse holder C
- SC29 Fuse 29 on fuse holder C
- SC39 Fuse 39 on fuse holder C
- SC42 Fuse 42 on fuse holder C
- B320 Positive connection 6 (30a) in main wiring harness
- B321 Positive connection 7 (30a) in main wiring harness
- * see applicable current flow diagram for battery in engine compartment
- *2 Up to April 2015

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Bonnet contact switch, Bonnet contact switch 2, Alarm horn, Light for left dashboard background lighting, Light for right dashboard background lighting, Light for centre dashboard background lighting

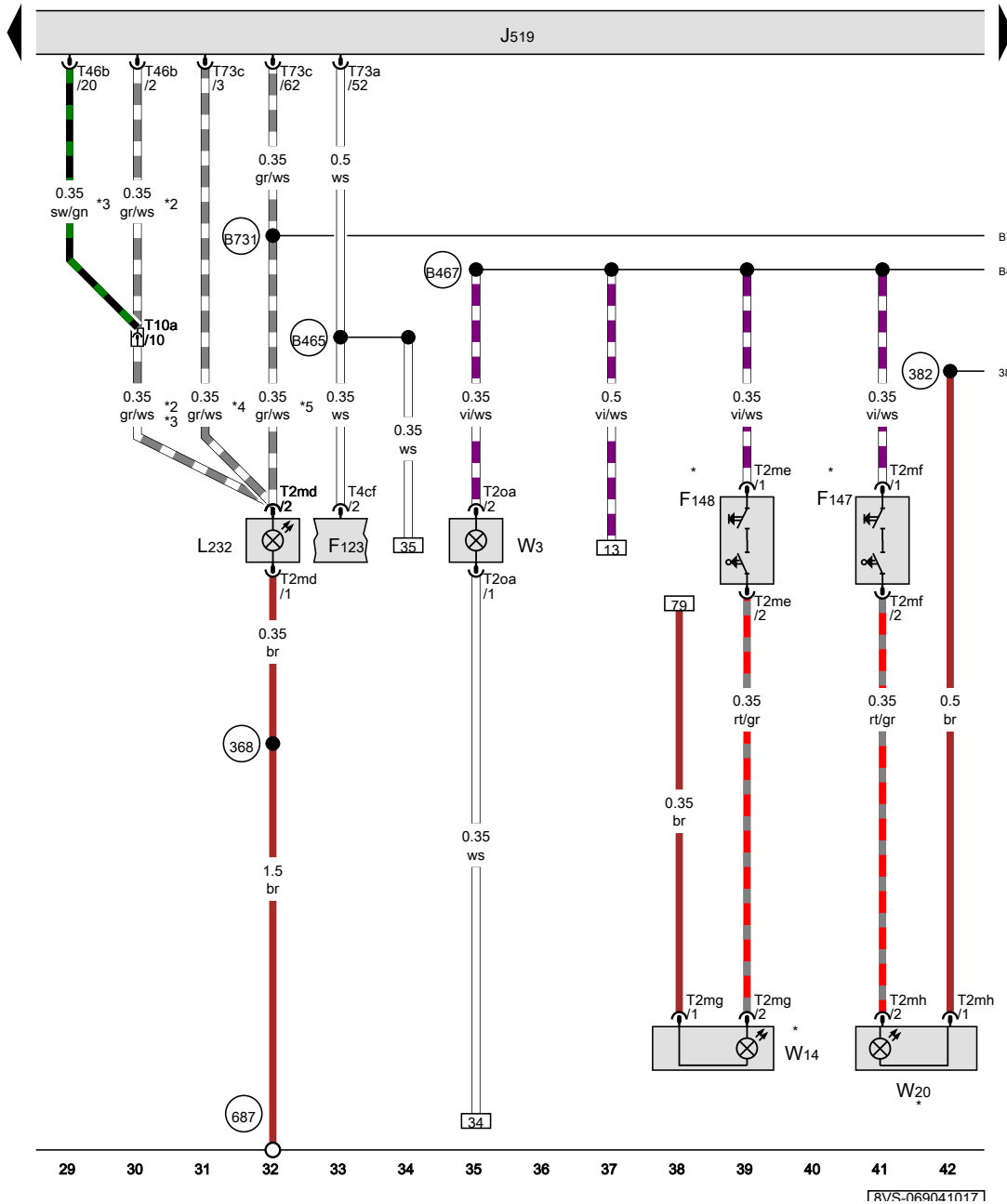


- F266 Bonnet contact switch
- F329 Bonnet contact switch 2
- H12 Alarm horn
- J519 Onboard supply control unit
- L229 Light for left dashboard background lighting
- L230 Light for right dashboard background lighting
- L231 Light for centre dashboard background lighting
- T2jt 2-pin connector
- T2jy 2-pin connector
- T2ma 2-pin connector
- T2mb 2-pin connector
- T2mc 2-pin connector
- T3bt 3-pin connector
- T10a 10-pin connector, white
- T46b 46-pin connector
- T73a 73-pin connector
- T73c 73-pin connector

- 85 Earth connection 1, in engine compartment wiring harness
- 131 Earth connection 2, in engine compartment wiring harness
- 375 Earth connection 10, in main wiring harness
- 419 Earth connection 11, in engine compartment wiring harness
- 671 Earth point 1, on front of left longitudinal member
- B732 Connection 2 (58s), in main wiring harness
- D101 Connection 1 in engine compartment wiring harness

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- * For models with anti-theft alarm system
- *2 For models with no automatic headlight range control
- *3 For models with automatic headlight range control
- *4 gradual introduction
- *5 Gradually discontinued



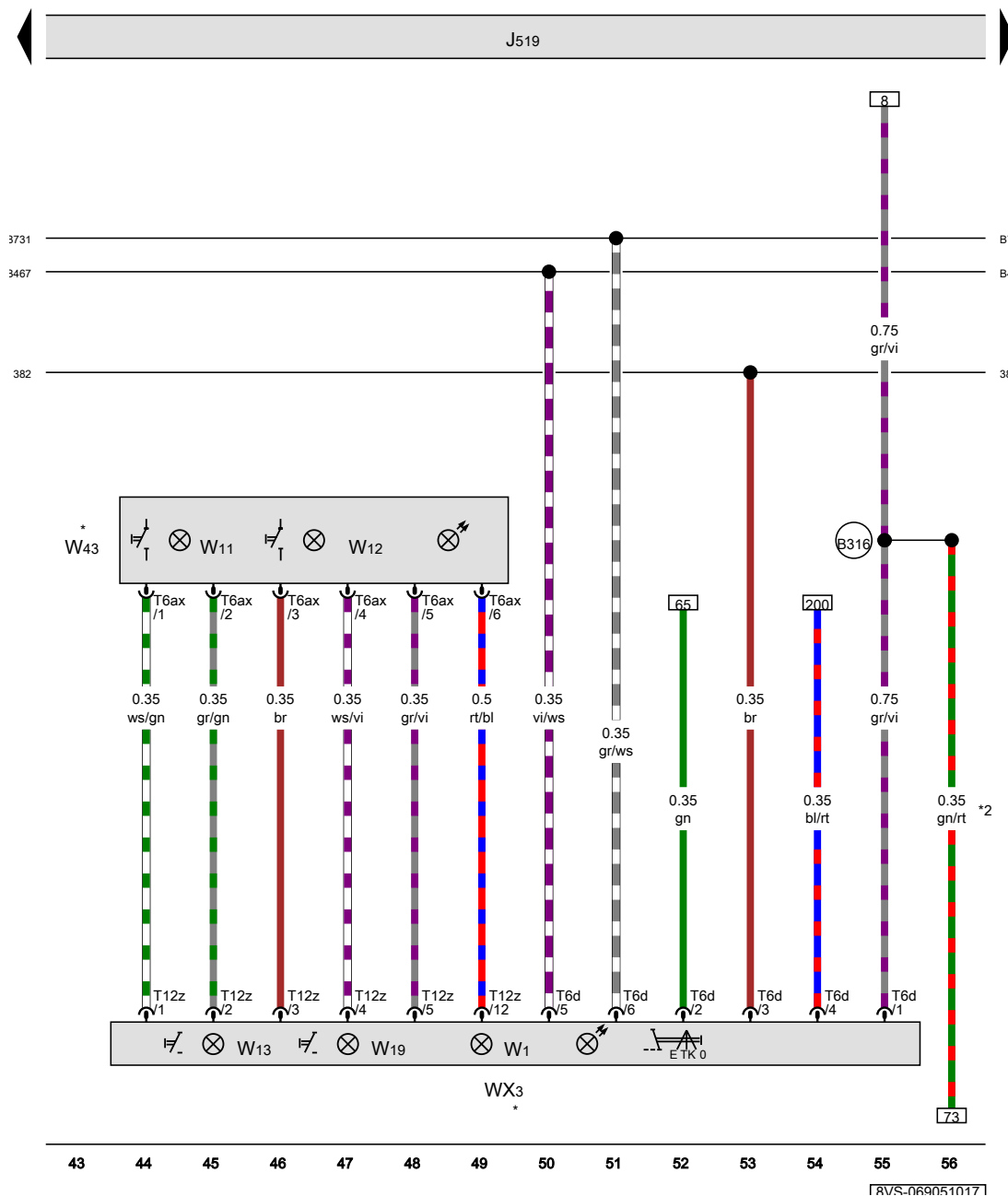
Front passenger vanity mirror contact switch, Light for cup holder background lighting, Luggage compartment light

- F123 Rear lid contact switch for anti-theft alarm
- F147 Driver vanity mirror contact switch
- F148 Front passenger vanity mirror contact switch
- J519 Onboard supply control unit
- L232 Light for cup holder background lighting
- T2md 2-pin connector
- T2me 2-pin connector
- T2mf 2-pin connector
- T2mg 2-pin connector
- T2mh 2-pin connector
- T2oa 2-pin connector
- T4cf 4-pin connector
- T10a 10-pin connector, white
- T46b 46-pin connector
- T73a 73-pin connector
- T73c 73-pin connector
- W3 Luggage compartment light
- W14 Front passenger side illuminated vanity mirror
- W20 Driver side illuminated vanity mirror

- 368 Earth connection 3, in main wiring harness
- 382 Earth connection 17, in main wiring harness
- 687 Earth point 1, on centre tunnel
- B465 Connection 1, in main wiring harness
- B467 Connection 3, in main wiring harness
- B731 Connection 1 (58s), in main wiring harness

- * For models with illuminated vanity mirror
- *2 For models with xenon headlights
- *3 For models with LED headlights
- *4 For models with halogen headlights
- *5 For models with additional lights

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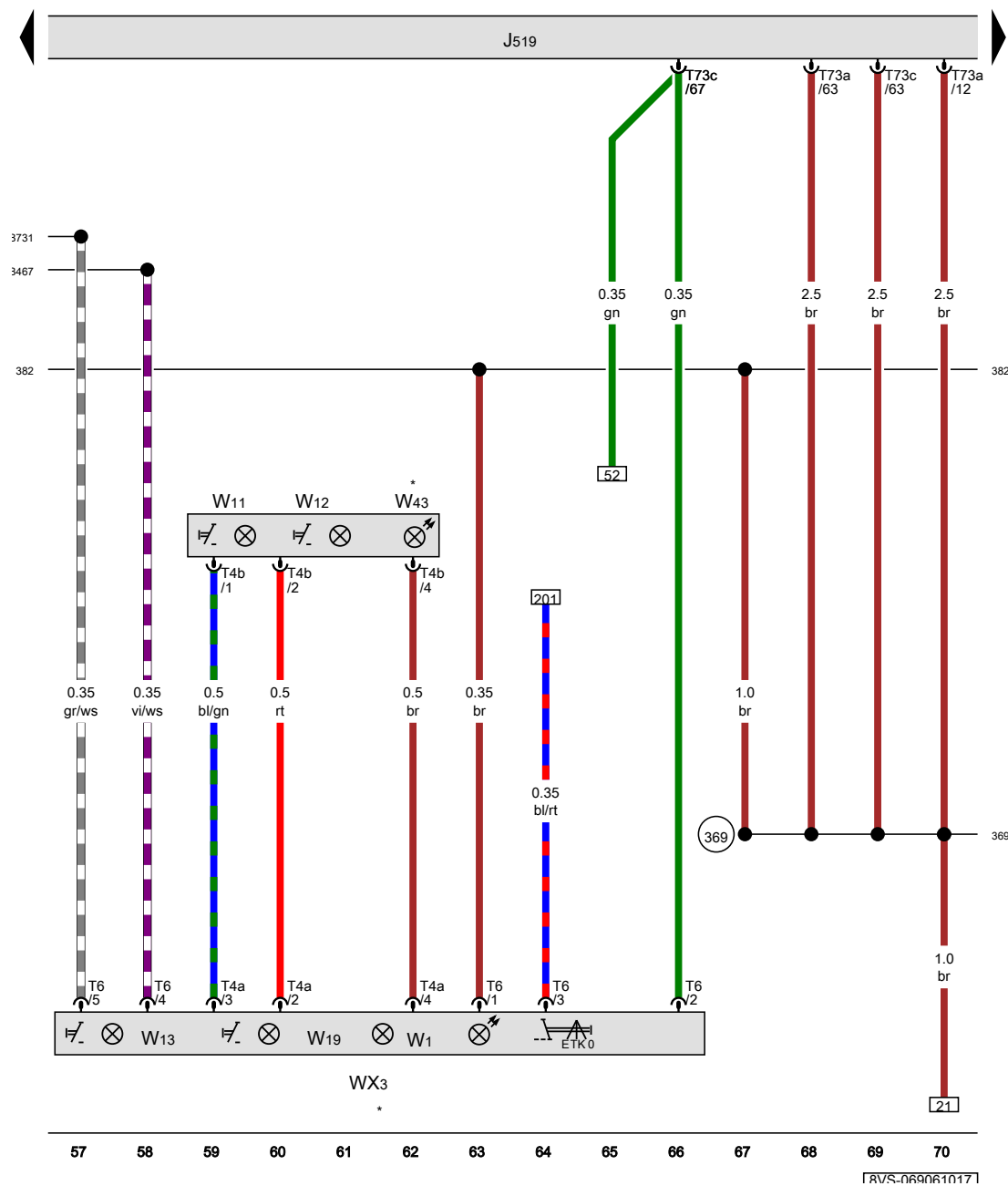
Front roof module, Rear interior light

- J519 Onboard supply control unit
- T6ax 6-pin connector
- T6d 6-pin connector
- T12z 12-pin connector
- W1 Front interior light
- WX3 Front roof module
- W11 Rear left reading light
- W12 Rear right reading light
- W13 Front passenger reading light
- W19 Driver side reading light
- W43 Rear interior light

- 382 Earth connection 17, in main wiring harness
- B316 Positive connection 2 (30a) in main wiring harness
- B467 Connection 3, in main wiring harness
- B731 Connection 1 (58s), in main wiring harness

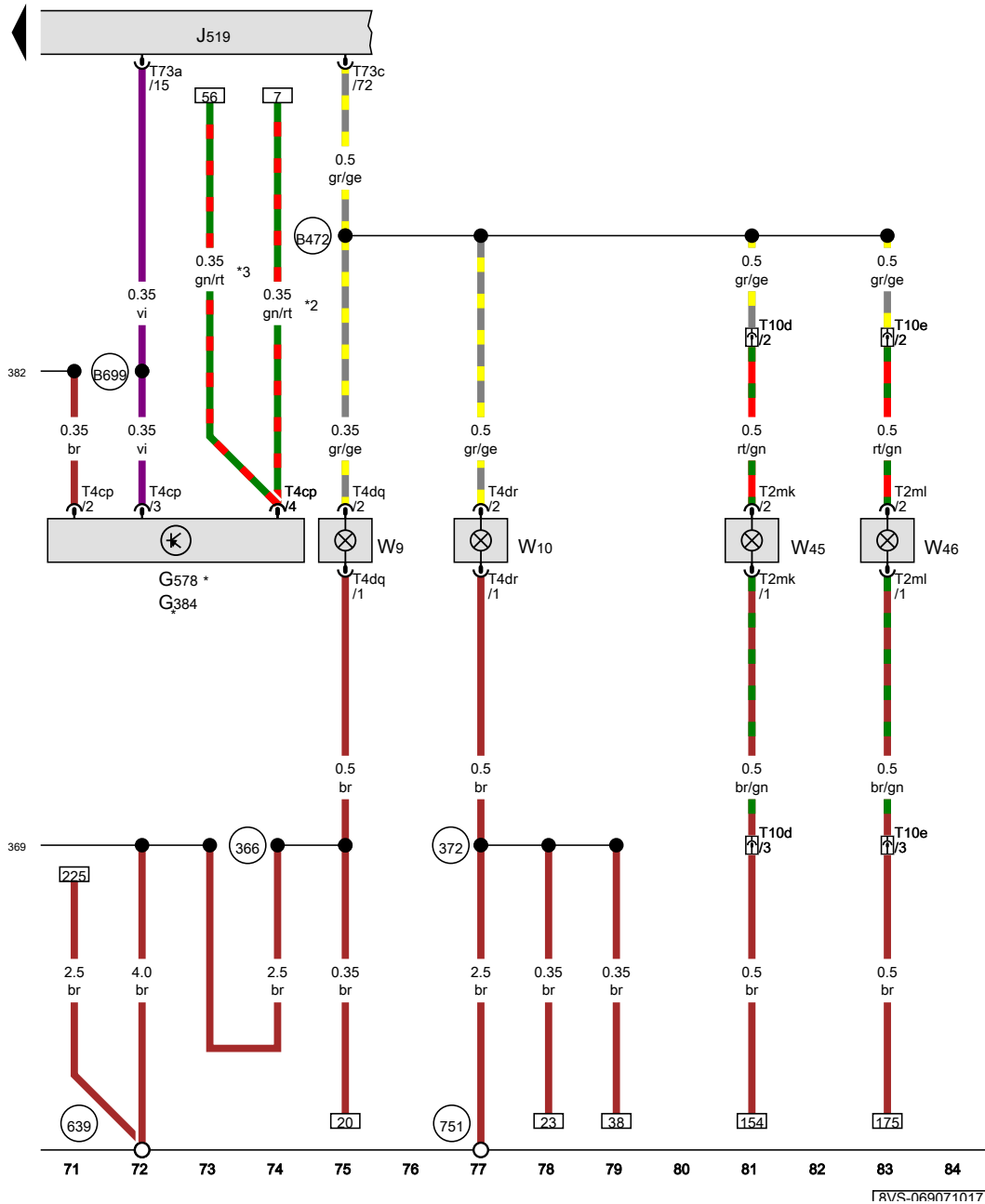
* According to equipment
*2 From May 2015

Front roof module, Rear interior light



J519	Onboard supply control unit
T4a	4-pin connector
T4b	4-pin connector
T6	6-pin connector
T73a	73-pin connector
T73c	73-pin connector
W1	Front interior light
WX3	Front roof module
W11	Rear left reading light
W12	Rear right reading light
W13	Front passenger reading light
W19	Driver side reading light
W43	Rear interior light
369	Earth connection 4, in main wiring harness
382	Earth connection 17, in main wiring harness
B467	Connection 3, in main wiring harness
B731	Connection 1 (58s), in main wiring harness
*	According to equipment

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Anti-theft alarm sensor, Left footwell light, Right footwell light, Rear left footwell light, Rear right footwell light

- G384 Vehicle inclination sender
- G578 Anti-theft alarm sensor
- J519 Onboard supply control unit
- T2mk 2-pin connector
- T2ml 2-pin connector
- T4cp 4-pin connector
- T4dq 4-pin connector
- T4dr 4-pin connector
- T10d 10-pin connector, in coupling point for front seat, left, red
- T10e 10-pin connector, in coupling point for front seat, right, red
- T73a 73-pin connector
- T73c 73-pin connector
- W9 Left footwell light
- W10 Right footwell light
- W45 Rear left footwell light
- W46 Rear right footwell light

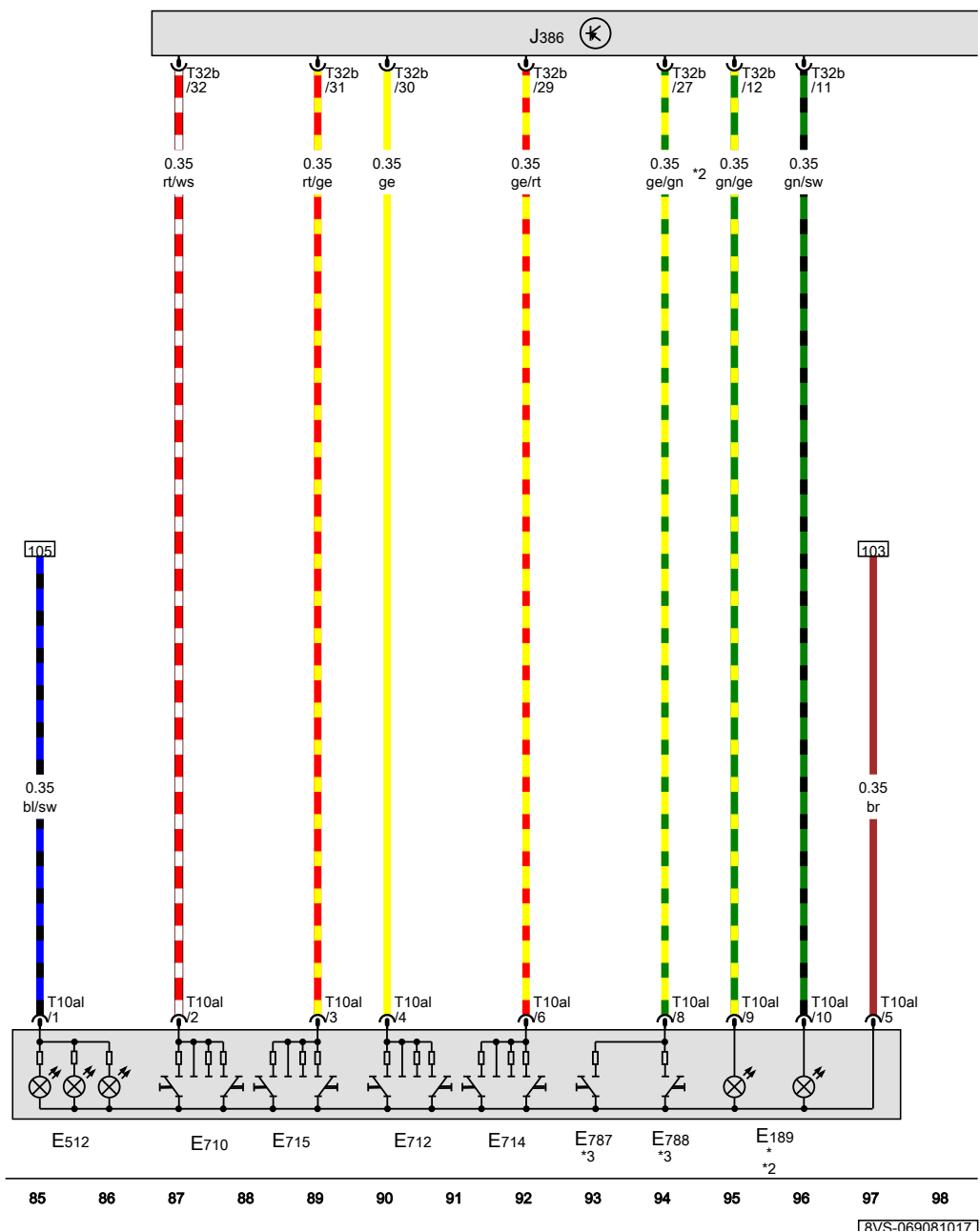
- 366 Earth connection 1, in main wiring harness
- 369 Earth connection 4, in main wiring harness
- 372 Earth connection 7, in main wiring harness
- 382 Earth connection 17, in main wiring harness
- 639 Earth point, left A-pillar
- 751 Earth point 2, on right A-pillar
- B472 Connection 8, in main wiring harness
- B699 Connection 4 (LIN bus) in main wiring harness

- * For models with anti-theft alarm system
- *2 Up to April 2015
- *3 From May 2015

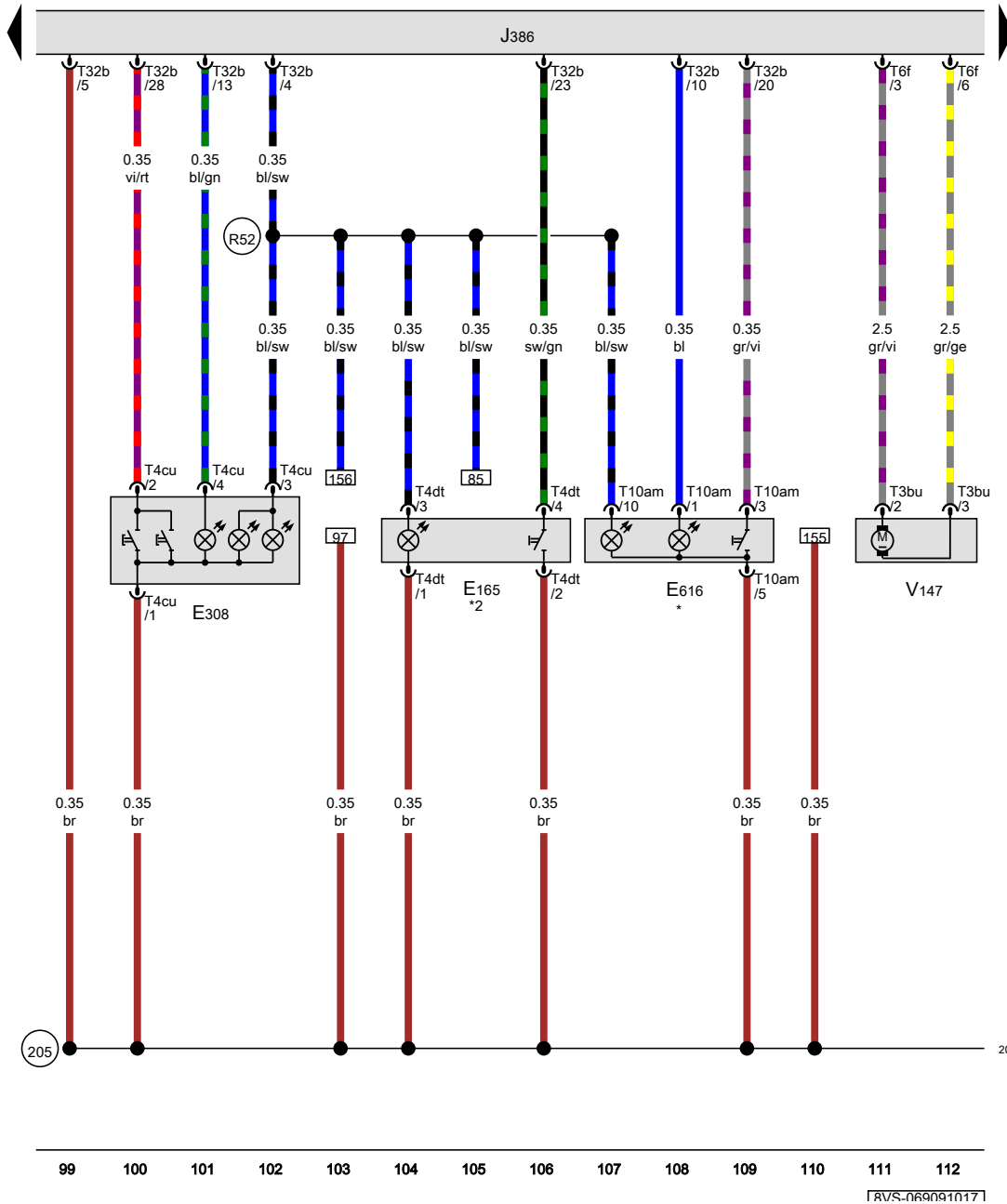
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Central switch for window regulators in driver door, Operating unit for window regulator in driver door, Front driver side window regulator button, Rear driver side window regulator button, in driver door, Rear passenger side window regulator button, in driver door, Front passenger side window regulator button, in driver door, Rear childproof lock button, driver side, Rear childproof lock button, passenger side, Driver door control unit

- E189 Central switch for window regulators in driver door
- E512 Operating unit for window regulator in driver door
- E710 Front driver side window regulator button
- E712 Rear driver side window regulator button, in driver door
- E714 Rear passenger side window regulator button, in driver door
- E715 Front passenger side window regulator button, in driver door
- E787 Rear childproof lock button, driver side
- E788 Rear childproof lock button, passenger side
- J386 Driver door control unit
- T10al 10-pin connector
- T32b 32-pin connector
- * For models with no childproof locks
- *2 If fitted
- *3 For models with childproof locks



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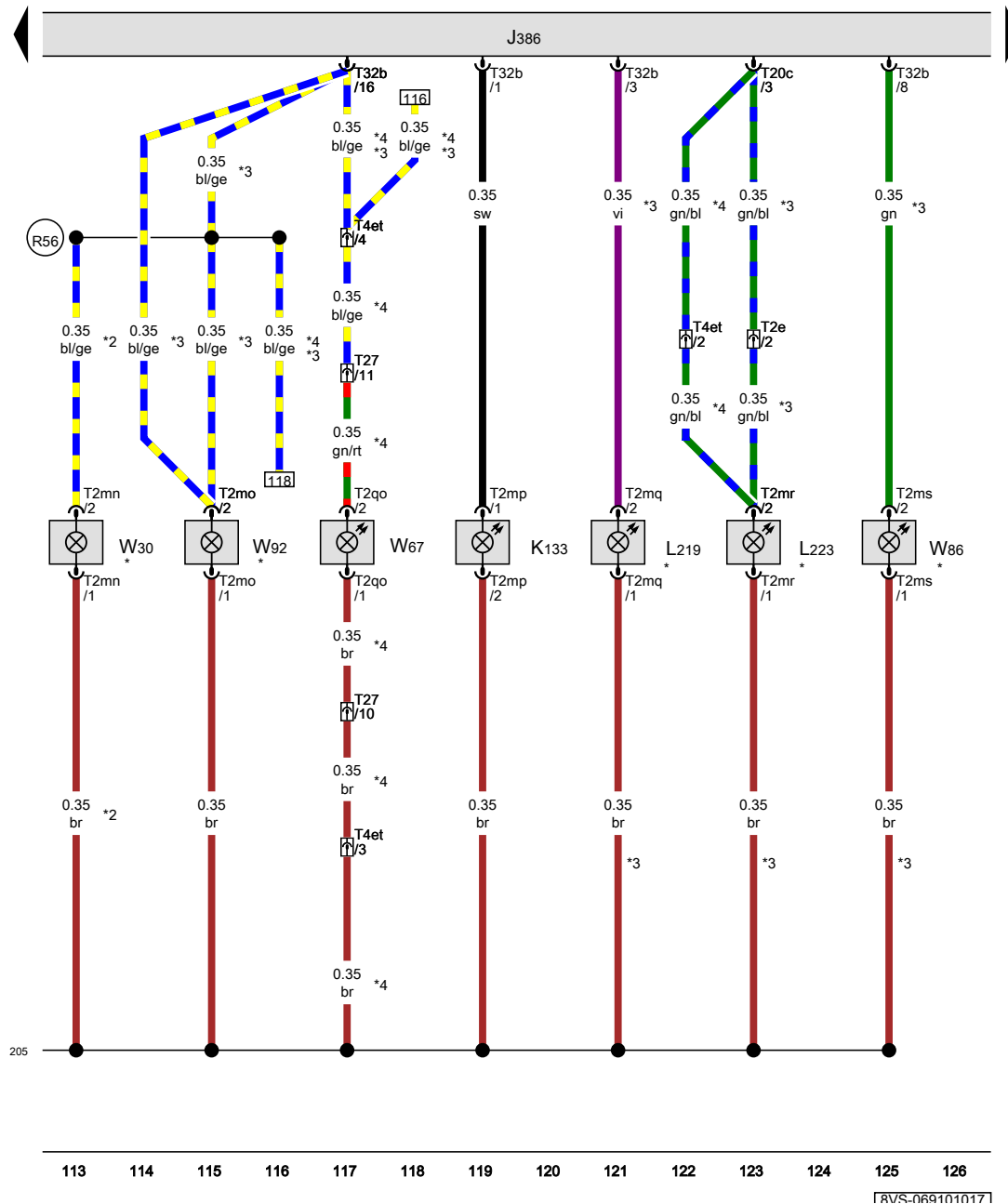
Rear lid release switch, Driver side interior locking button for central locking system, Button for deactivating interior monitoring and vehicle inclination sensor, Driver door control unit, Driver side window regulator motor

- E165 Rear lid release switch
- E308 Driver side interior locking button for central locking system
- E616 Button for deactivating interior monitoring and vehicle inclination sensor
- J386 Driver door control unit
- T3bu 3-pin connector
- T4cu 4-pin connector
- T4dt 4-pin connector
- T6f 6-pin connector
- T10am 10-pin connector
- T32b 32-pin connector
- V147 Driver side window regulator motor

205 Earth connection, in driver door wiring harness

R52 Connection (58s), in driver side door wiring harness

* For models with interior monitoring
*2 If fitted



Driver door control unit, Central locking SAFELOCK function warning lamp, Light for driver side interior door handle illumination, Light for driver side door loudspeaker trim, Driver side door warning lamp, Light conductor for front left sill panel moulding background lighting, Light for driver door background lighting, Driver side entry light

- J386 Driver door control unit
- K133 Central locking SAFELOCK function warning lamp
- L219 Light for driver side interior door handle illumination
- L223 Light for driver side door loudspeaker trim
- T2e 2-pin connector
- T2mn 2-pin connector
- T2mo 2-pin connector
- T2mp 2-pin connector
- T2mq 2-pin connector
- T2mr 2-pin connector
- T2ms 2-pin connector
- T2qo 2-pin connector
- T4et 4-pin connector
- T20c 20-pin connector
- T27 27-pin connector, on left A-pillar, black
- T32b 32-pin connector
- W30 Driver side door warning lamp
- W67 Light conductor for front left sill panel moulding background lighting
- W86 Light for driver door background lighting
- W92 Driver side entry light

205 Earth connection, in driver door wiring harness

R56 Connection (entry light), in driver door wiring harness

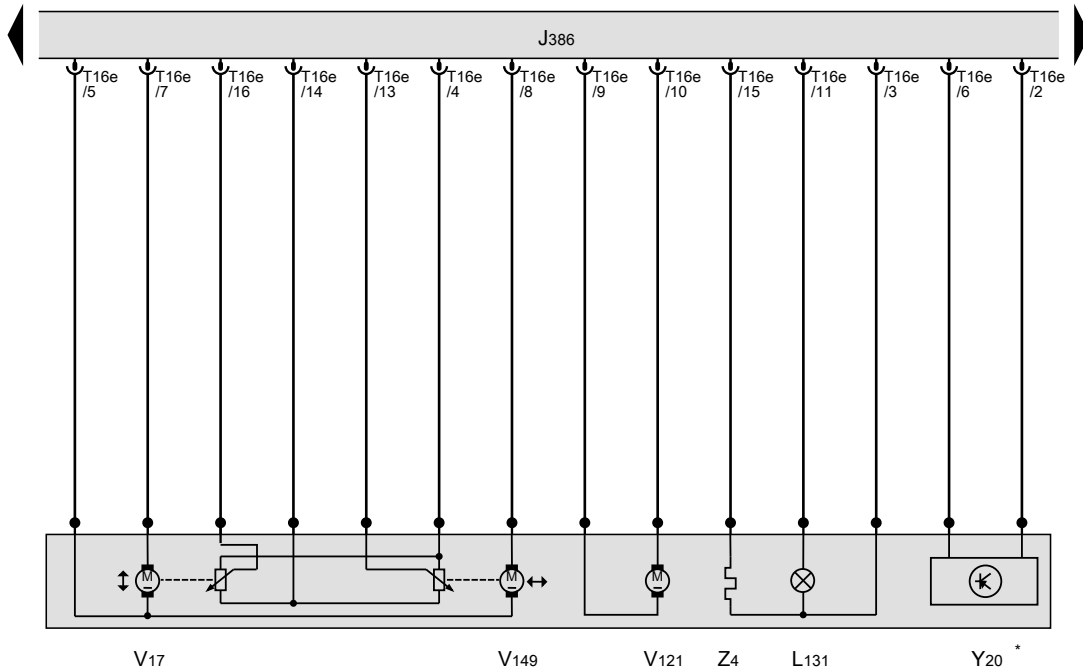
* For models with additional lights

*2 Up to April 2017

*3 According to equipment

*4 For models with background lighting in sill panel mouldings

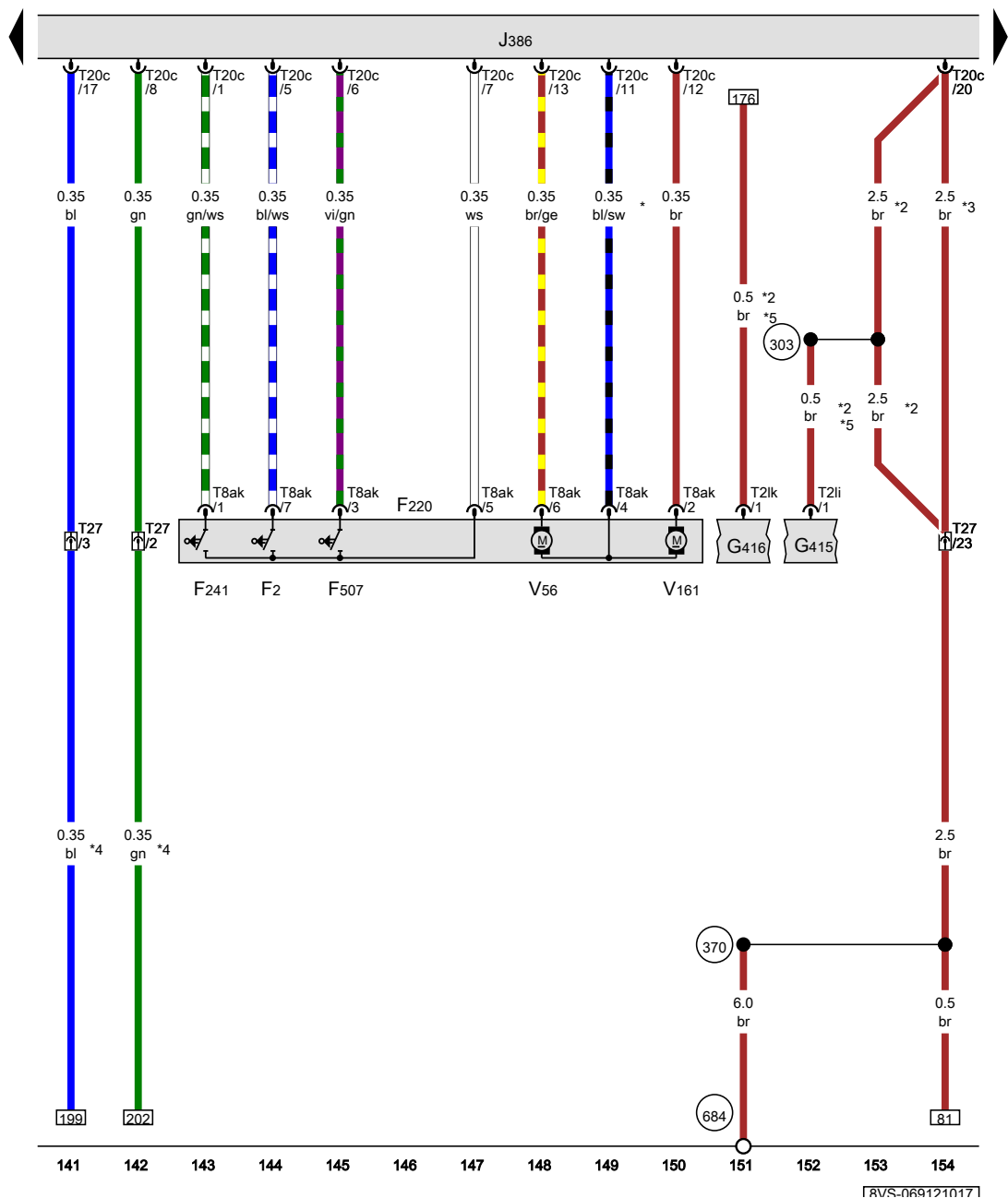
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Driver door control unit, Driver side turn signal repeater bulb, Driver side mirror adjustment motor 2, Driver side fold-in mirror motor, Driver side mirror adjustment motor, Automatic anti-dazzle exterior mirror, driver side, Heated exterior mirror on driver side

- J386 Driver door control unit
- L131 Driver side turn signal repeater bulb
- T16e 16-pin connector
- V17 Driver side mirror adjustment motor 2
- V121 Driver side fold-in mirror motor
- V149 Driver side mirror adjustment motor
- Y20 Automatic anti-dazzle exterior mirror, driver side
- Z4 Heated exterior mirror on driver side
- * For models with automatic anti-dazzle exterior mirror

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Driver door contact switch, Driver side central locking lock unit, Driver side contact switch in lock cylinder, Driver side central locking actuator, Driver door control unit, Driver door central locking motor, Driver door central locking SAFELOCK function motor

- F2 Driver door contact switch
- F220 Driver side central locking lock unit
- F241 Driver side contact switch in lock cylinder
- F507 Driver side central locking actuator
- G415 Driver exterior door handle contact sensor
- G416 Front passenger exterior door handle contact sensor
- J386 Driver door control unit
- T2li 2-pin connector
- T2lk 2-pin connector
- T8ak 8-pin connector
- T20c 20-pin connector
- T27 27-pin connector, on left A-pillar, black
- V56 Driver door central locking motor
- V161 Driver door central locking SAFELOCK function motor

303 Earth connection 3, in drive side door wiring harness

370 Earth connection 5, in main wiring harness

684 Earth point on front of left side member

* According to equipment

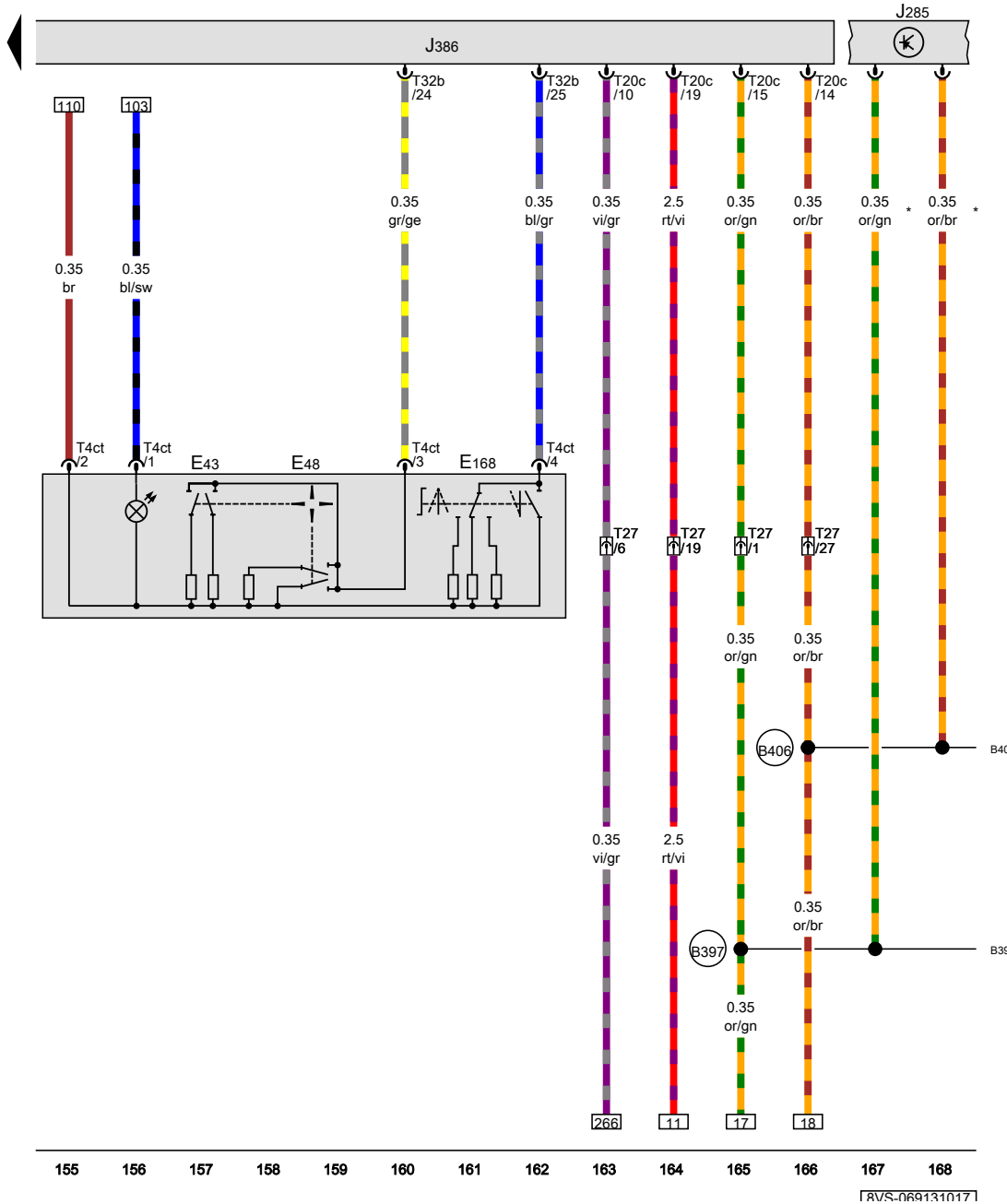
*2 For models with entry and start authorisation

*3 For models with no entry and start authorisation

*4 For models with automatic anti-dazzle interior mirror

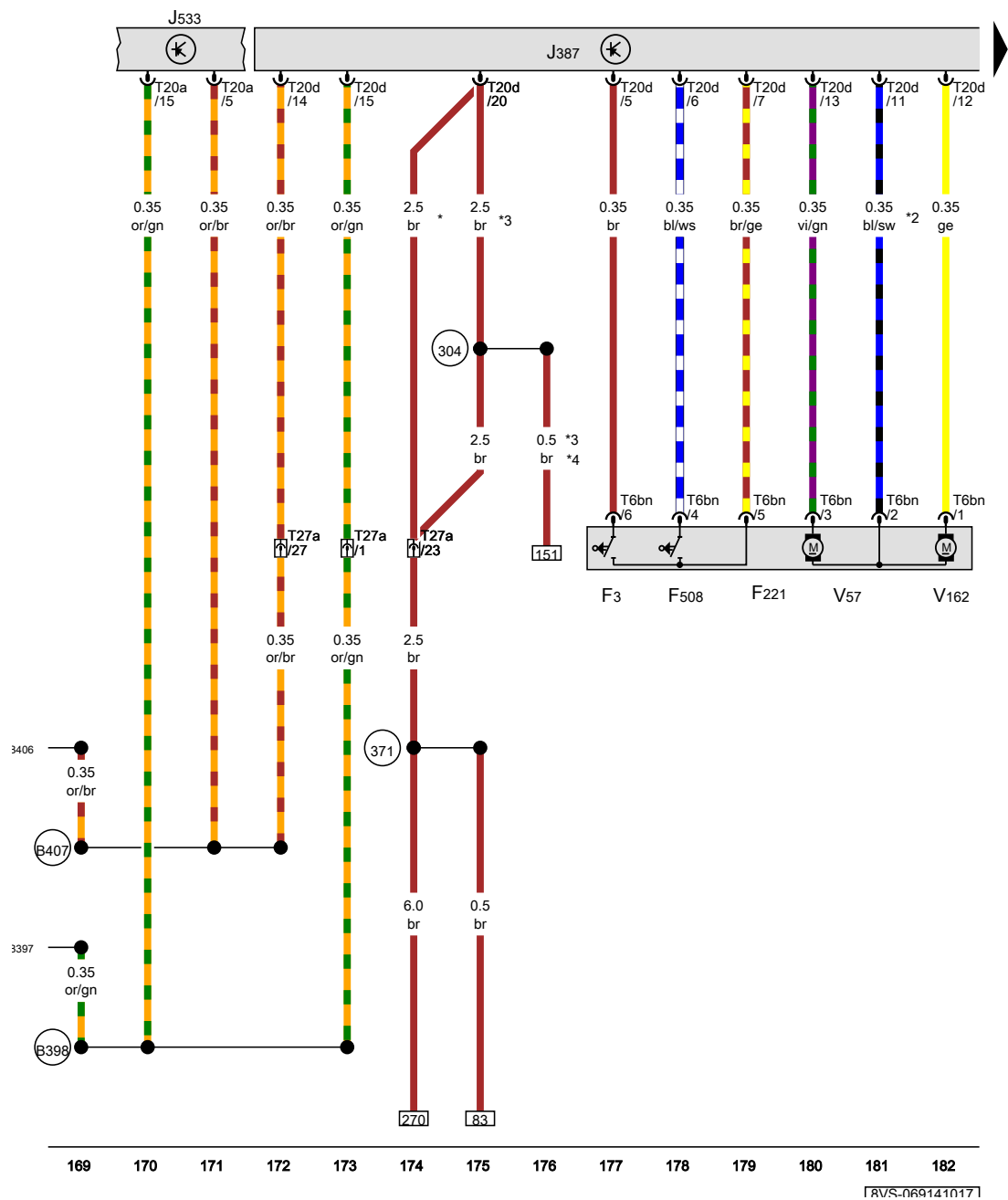
*5 see applicable current flow diagram

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Adjustment switch for mirror with fold-in feature, Control unit in dash panel insert, Driver door control unit

- E43 Mirror adjustment switch
- E48 Mirror adjustment changeover switch
- E168 Adjustment switch for mirror with fold-in feature
- J285 Control unit in dash panel insert
- J386 Driver door control unit
- T4ct 4-pin connector
- T20c 20-pin connector
- T27 27-pin connector, on left A-pillar, black
- T32b 32-pin connector
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- * see applicable current flow diagram for dash panel insert



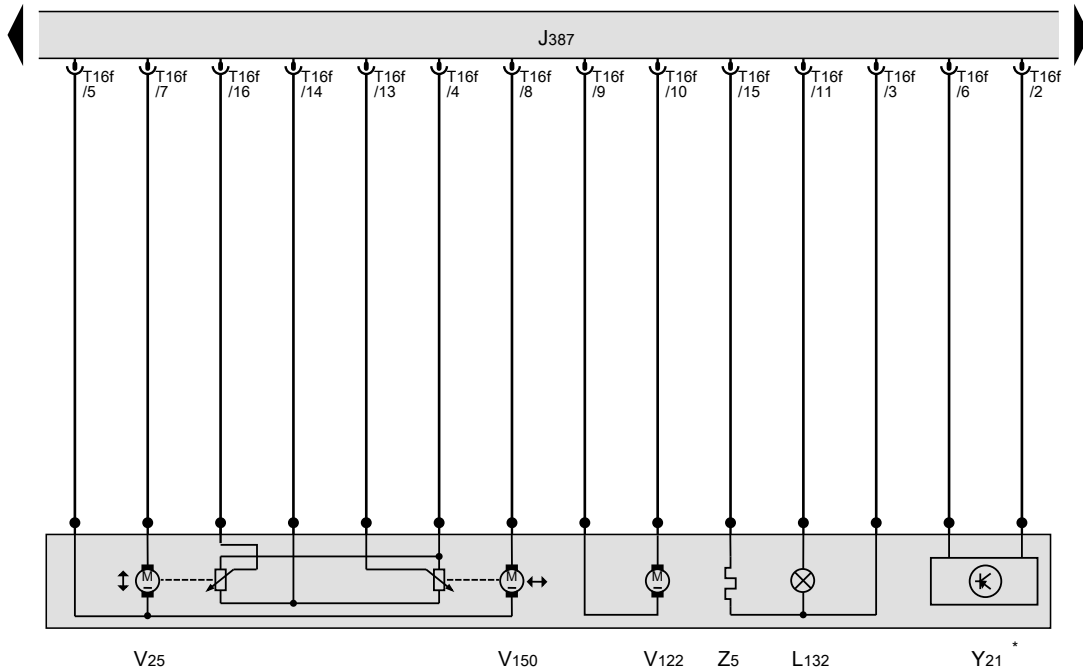
Front passenger door contact switch, Front passenger side central locking lock unit, Passenger side central locking actuator, Front passenger door control unit, Data bus diagnostic interface, Front passenger door central locking motor, Front passenger door central locking SAFELOCK function motor

- F3 Front passenger door contact switch
- F221 Front passenger side central locking lock unit
- F508 Passenger side central locking actuator
- J387 Front passenger door control unit
- J533 Data bus diagnostic interface
- T6bn 6-pin connector
- T20a 20-pin connector
- T20d 20-pin connector
- T27a 27-pin connector, on right A-pillar, black
- V57 Front passenger door central locking motor
- V162 Front passenger door central locking SAFELOCK function motor

- 304 Earth connection 3, in front passenger side door wiring harness
- 371 Earth connection 6, in main wiring harness
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness

- * For models with no entry and start authorisation
- *2 According to equipment
- *3 For models with entry and start authorisation
- *4 see applicable current flow diagram

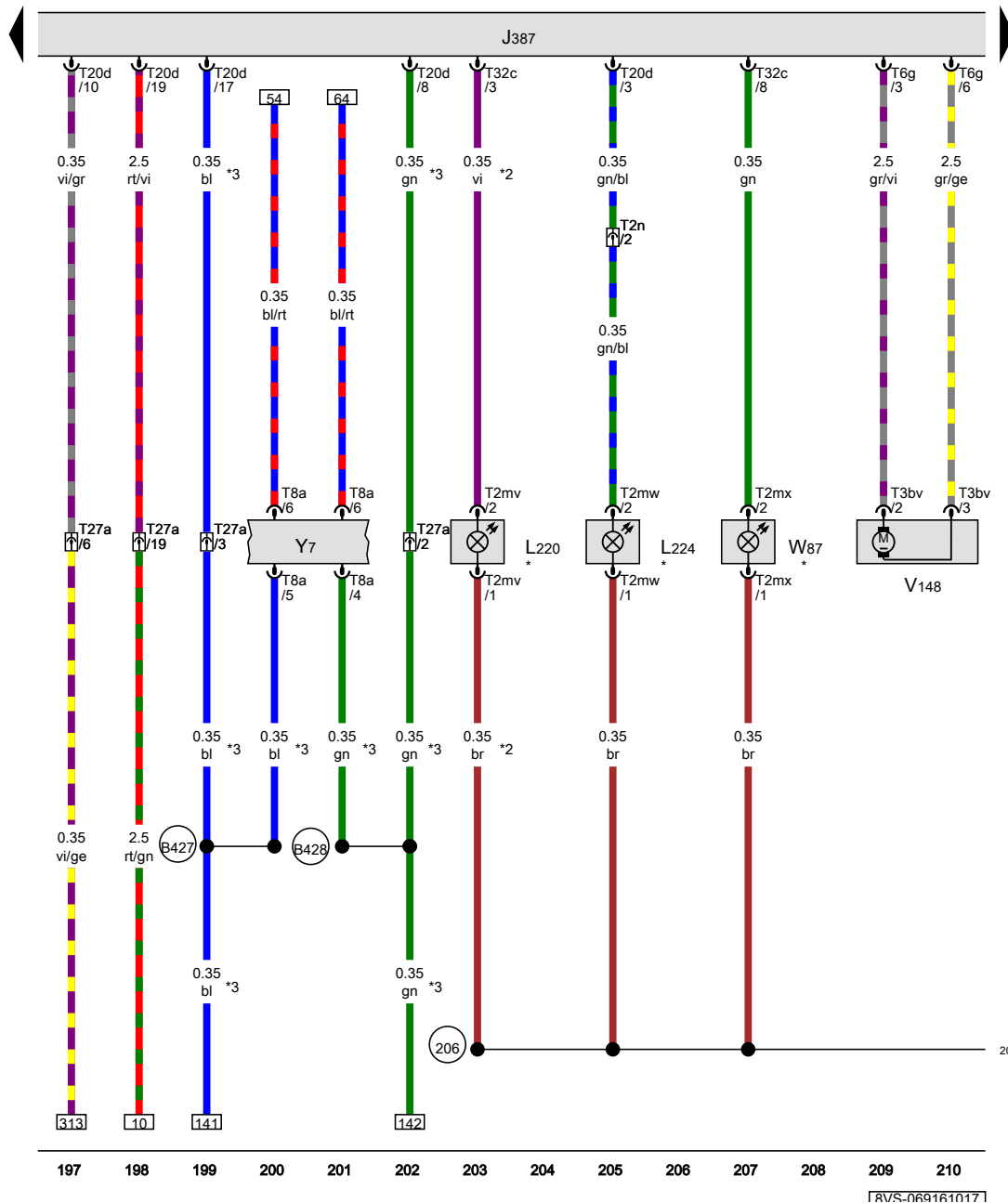
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Front passenger door control unit, Front passenger side turn signal repeater bulb, Front passenger side mirror adjustment motor 2, Front passenger side fold-in mirror motor, Front passenger side mirror adjustment motor, Automatic anti-dazzle exterior mirror, passenger side, Heated exterior mirror on passenger side

- J387 Front passenger door control unit
- L132 Front passenger side turn signal repeater bulb
- T16f 16-pin connector
- V25 Front passenger side mirror adjustment motor 2
- V122 Front passenger side fold-in mirror motor
- V150 Front passenger side mirror adjustment motor
- Y21 Automatic anti-dazzle exterior mirror, passenger side
- Z5 Heated exterior mirror on passenger side
- * For models with automatic anti-dazzle exterior mirror

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Front passenger door control unit, Light for passenger side interior door handle illumination, Light for passenger side door loudspeaker trim, Front passenger side window regulator motor, Light for passenger door background lighting

- J387 Front passenger door control unit
- L220 Light for passenger side interior door handle illumination
- L224 Light for passenger side door loudspeaker trim
- T2mv 2-pin connector
- T2mw 2-pin connector
- T2mx 2-pin connector
- T2n 2-pin connector
- T3bv 3-pin connector
- T6g 6-pin connector
- T8a 8-pin connector
- T20d 20-pin connector
- T27a 27-pin connector, on right A-pillar, black
- T32c 32-pin connector
- V148 Front passenger side window regulator motor
- W87 Light for passenger door background lighting
- Y7 Automatic anti-dazzle interior mirror

206 Earth connection, in front passenger door wiring harness

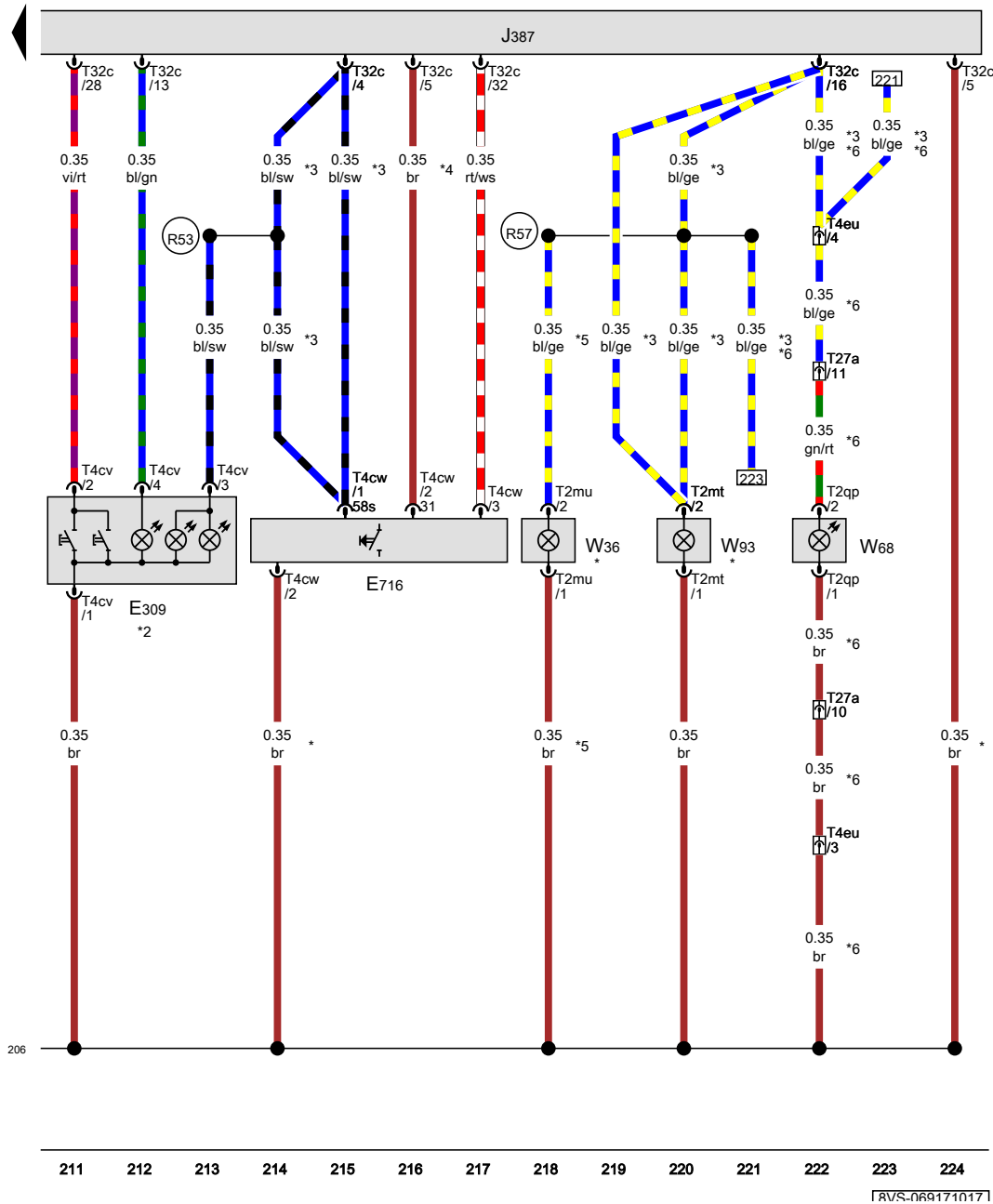
B427 Connection 1 (mirror signal), in main wiring harness

B428 Connection 2 (mirror signal), in main wiring harness

* For models with additional lights

*2 According to equipment

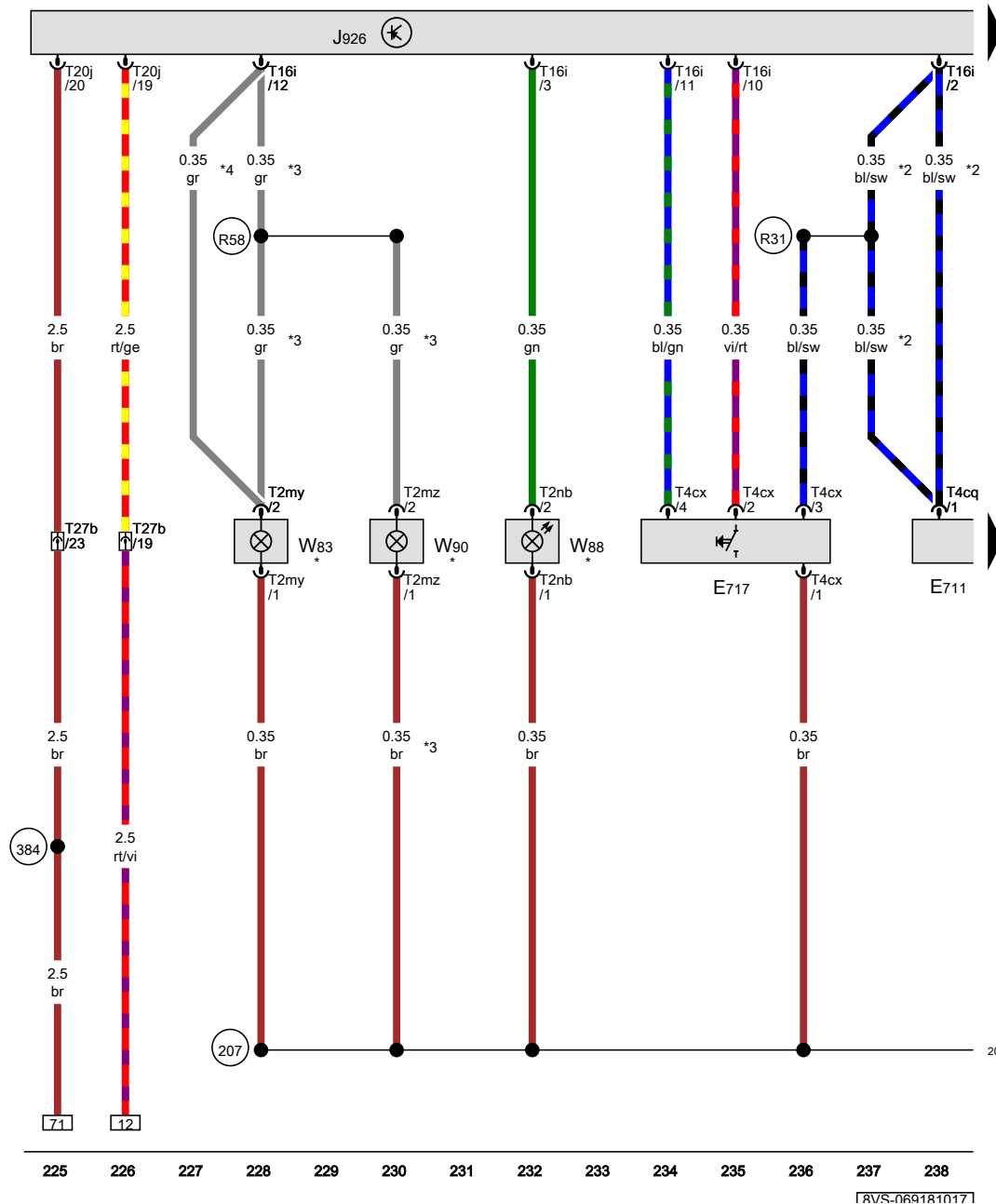
*3 For models with automatic anti-dazzle interior mirror



Front passenger side interior locking button for central locking system, Front passenger side window regulator button, Front passenger door control unit, Front passenger side door warning lamp, Light conductor for front right sill panel moulding background lighting, Passenger side entry light

- E309 Front passenger side interior locking button for central locking system
- E716 Front passenger side window regulator button
- J387 Front passenger door control unit
- T2mt 2-pin connector
- T2mu 2-pin connector
- T2qp 2-pin connector
- T4cv 4-pin connector
- T4cw 4-pin connector
- T4eu 4-pin connector
- T27a 27-pin connector, on right A-pillar, black
- T32c 32-pin connector
- W36 Front passenger side door warning lamp
- W68 Light conductor for front right sill panel moulding background lighting
- W93 Passenger side entry light
- 206 Earth connection, in front passenger door wiring harness
- R53 Connection (58s), in driver side door wiring harness
- R57 Connection (entry light), in front passenger door wiring harness
- * For models with additional lights
- *2 For models with front passenger side interior locking button
- *3 According to equipment
- *4 For models with no additional lights
- *5 Up to April 2017
- *6 For models with background lighting in sill panel mouldings

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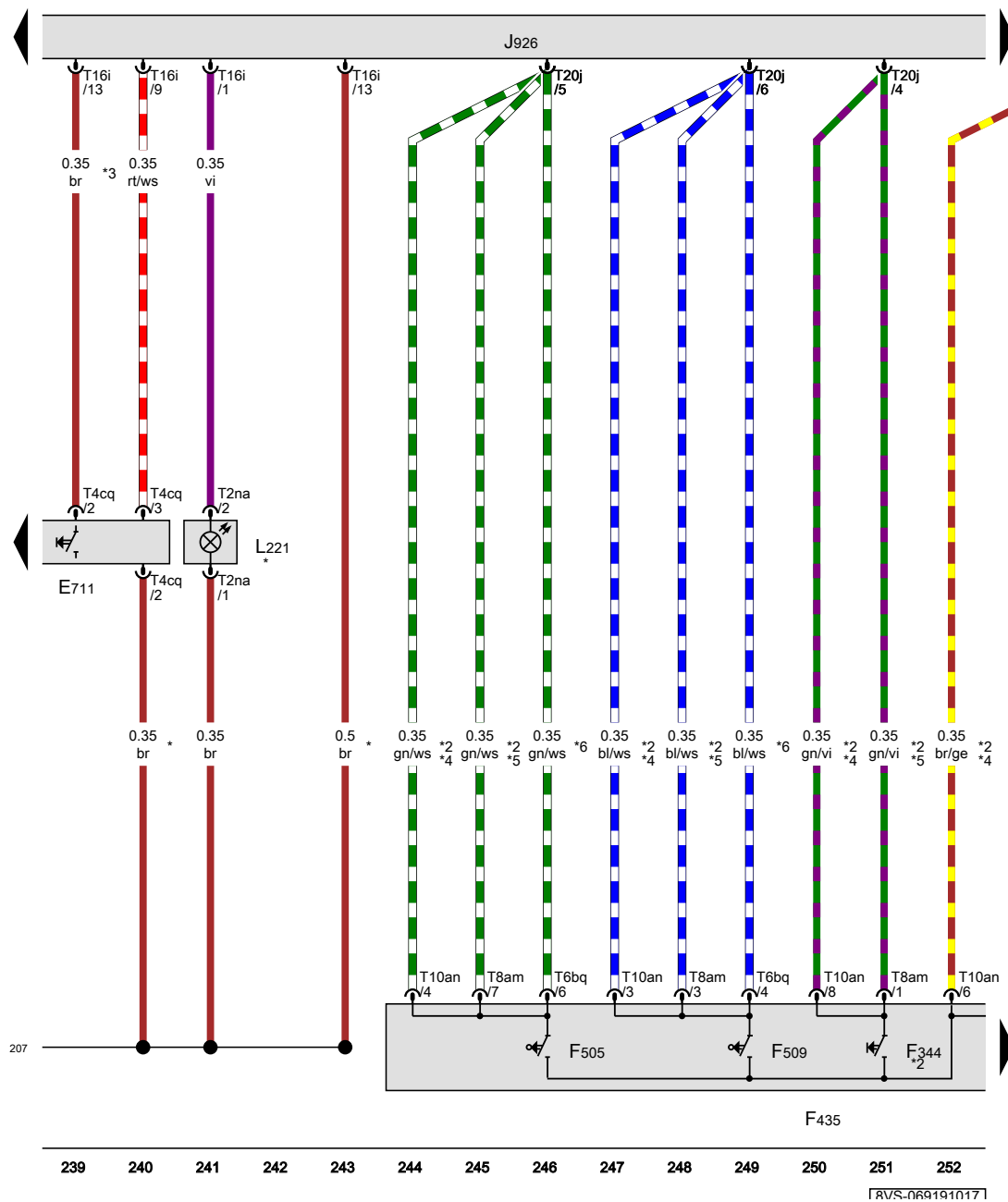
Rear driver side window regulator button, Rear driver side interior locking button for central locking system, Rear driver side door control unit, Rear driver side entry light, Light for rear door background lighting, driver side, Rear door warning lamp, driver side

- E711 Rear driver side window regulator button
- E717 Rear driver side interior locking button for central locking system
- J926 Rear driver side door control unit
- T2my 2-pin connector
- T2mz 2-pin connector
- T2nb 2-pin connector
- T4cq 4-pin connector
- T4cx 4-pin connector
- T16i 16-pin connector
- T20j 20-pin connector
- T27b 27-pin connector, on left B-pillar, black
- W83 Rear driver side entry light
- W88 Light for rear door background lighting, driver side
- W90 Rear door warning lamp, driver side

- 207 Earth connection, in rear left door wiring harness
- 384 Earth connection 19, in main wiring harness
- R31 Connection 1, in rear left door wiring harness
- R58 Connection (entry light), in rear left door wiring harness

- * For models with additional lights
- *2 According to equipment
- *3 Up to April 2017
- *4 From May 2017

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



Rear driver side window regulator button, Rear driver side central locking lock unit, Rear driver side door control unit, Light for rear driver side interior door handle illumination

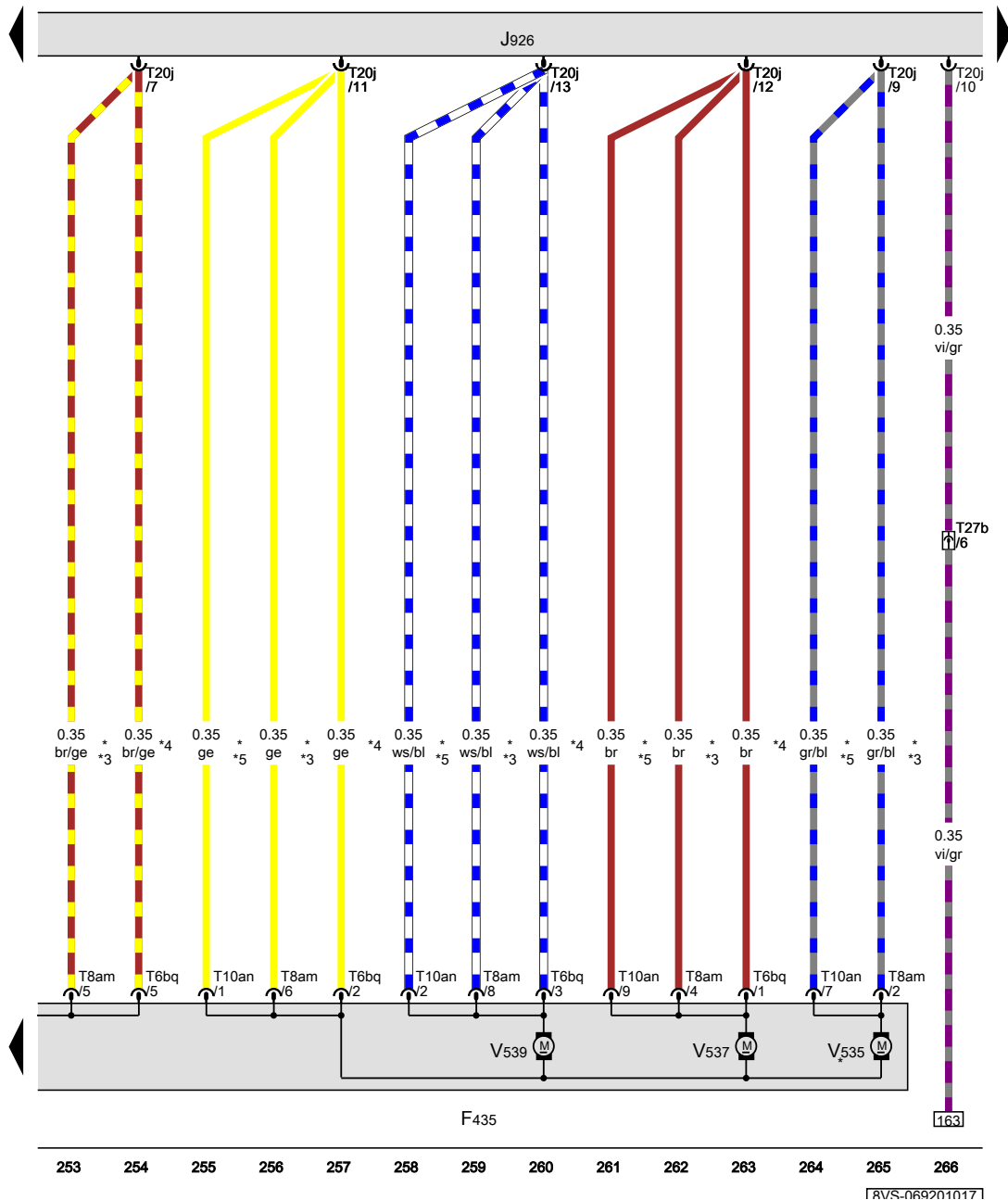
- E711 Rear driver side window regulator button
- F344 Rear left childproof lock contact switch
- F435 Rear driver side central locking lock unit
- F505 Rear door contact switch, driver side
- F509 Rear central locking actuator, driver side
- J926 Rear driver side door control unit
- L221 Light for rear driver side interior door handle illumination
- T2na 2-pin connector
- T4cq 4-pin connector
- T6bq 6-pin connector
- T8am 8-pin connector
- T10an 10-pin connector
- T16i 16-pin connector
- T20j 20-pin connector

207 Earth connection, in rear left door wiring harness

- * For models with additional lights
- *2 For models with childproof locks
- *3 For models with no additional lights
- *4 Up to October 2015
- *5 From November 2015
- *6 For models with no childproof locks

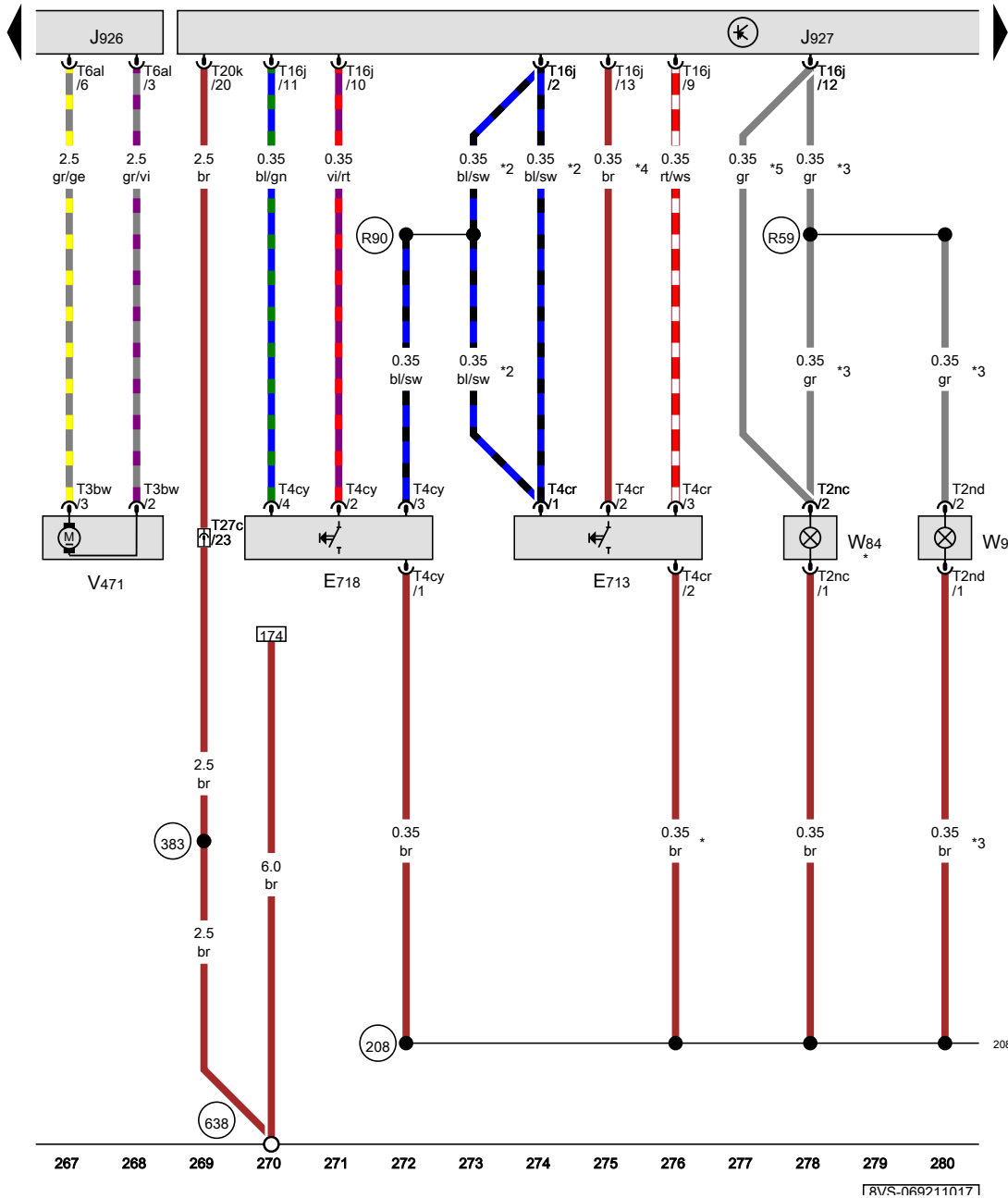
ws = white
 sw = black
 ro = red
 rt = red
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Rear driver side central locking lock unit, Rear driver side door control unit



- F435 Rear driver side central locking lock unit
- J926 Rear driver side door control unit
- T6bq 6-pin connector
- T8am 8-pin connector
- T10an 10-pin connector
- T20j 20-pin connector
- T27b 27-pin connector, on left B-pillar, black
- V535 Rear childproof lock motor, driver side
- V537 Rear central locking SAFELOCK function motor, driver side
- V539 Rear central locking motor, driver side
- * For models with childproof locks
- *2 For models with entry and start authorisation
- *3 From November 2015
- *4 For models with no childproof locks
- *5 Up to October 2015

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 sw = black
 ro = red
 rt = red
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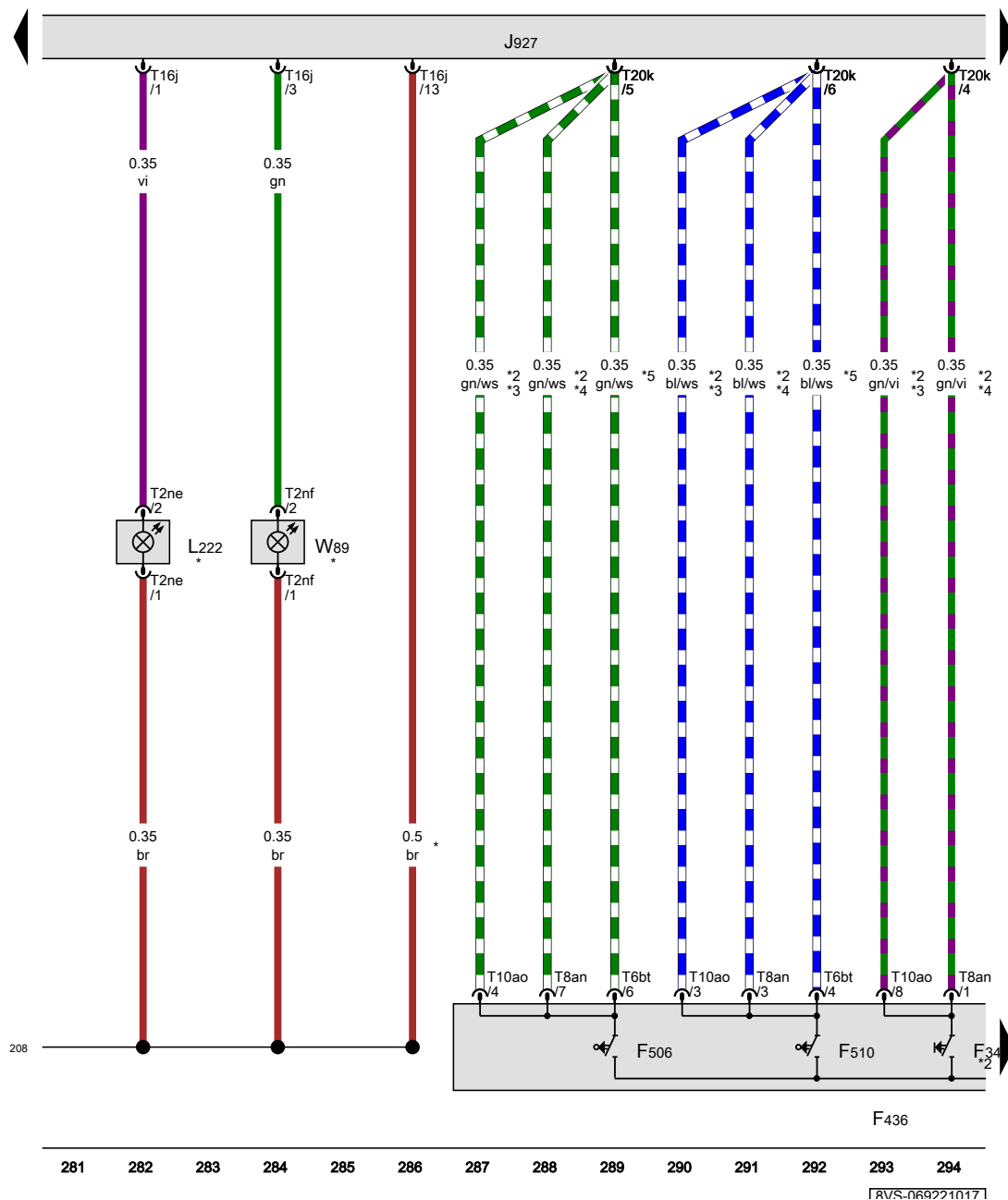


Rear passenger side window regulator button, Rear passenger side interior locking button for central locking system, Rear driver side door control unit, Rear passenger side door control unit, Rear driver side window regulator motor, Rear passenger side entry light, Rear door warning lamp, passenger side

- E713 Rear passenger side window regulator button
- E718 Rear passenger side interior locking button for central locking system
- J926 Rear driver side door control unit
- J927 Rear passenger side door control unit
- T2nc 2-pin connector
- T2nd 2-pin connector
- T3bw 3-pin connector
- T4cr 4-pin connector
- T4cy 4-pin connector
- T6al 6-pin connector
- T16j 16-pin connector
- T20k 20-pin connector
- T27c 27-pin connector, on right B-pillar, black
- V471 Rear driver side window regulator motor
- W84 Rear passenger side entry light
- W91 Rear door warning lamp, passenger side

- 208 Earth connection, in rear right door wiring harness
- 383 Earth connection 18, in main wiring harness
- 638 Earth point, on right A-pillar
- R59 Connection (entry light), in rear right door wiring harness
- R90 Connection 1, in rear right door wiring harness

- * For models with additional lights
- *2 According to equipment
- *3 Up to April 2017
- *4 For models with no additional lights
- *5 From May 2017



Rear passenger side central locking lock unit, Rear passenger side door control unit, Light for rear passenger side interior door handle illumination, Light for rear door background lighting, passenger side

- F345 Rear right childproof lock contact switch
- F436 Rear passenger side central locking lock unit
- F506 Rear door contact switch, passenger side
- F510 Rear central locking actuator, passenger side
- J927 Rear passenger side door control unit
- L222 Light for rear passenger side interior door handle illumination
- T2ne 2-pin connector
- T2nf 2-pin connector
- T6bt 6-pin connector
- T8an 8-pin connector
- T10ao 10-pin connector
- T16j 16-pin connector
- T20k 20-pin connector
- W89 Light for rear door background lighting, passenger side

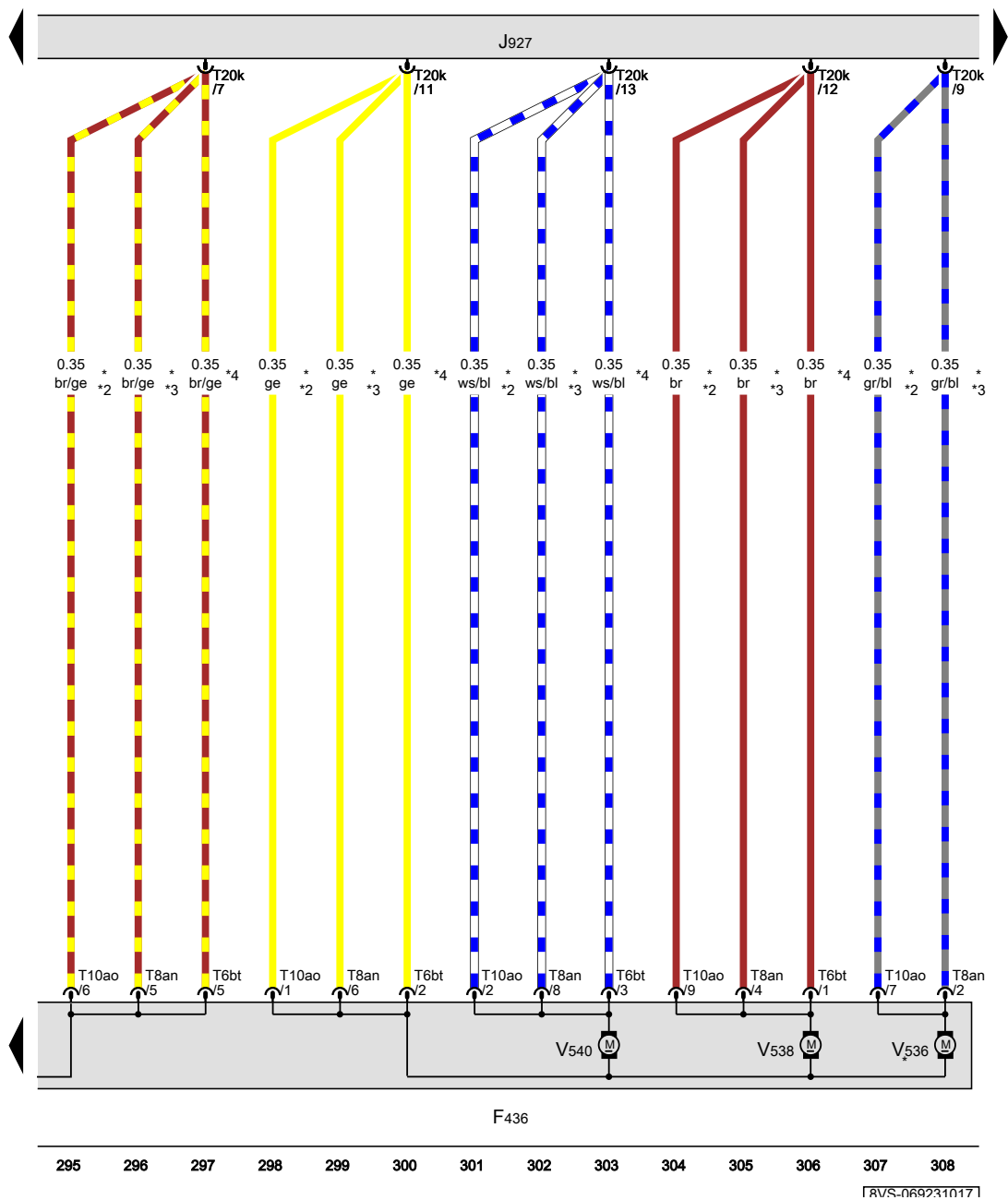
208 Earth connection, in rear right door wiring harness

- * For models with additional lights
- *2 For models with childproof locks
- *3 Up to October 2015
- *4 From November 2015
- *5 For models with no childproof locks

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 rt = red
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 bl = blue
 gr = grey
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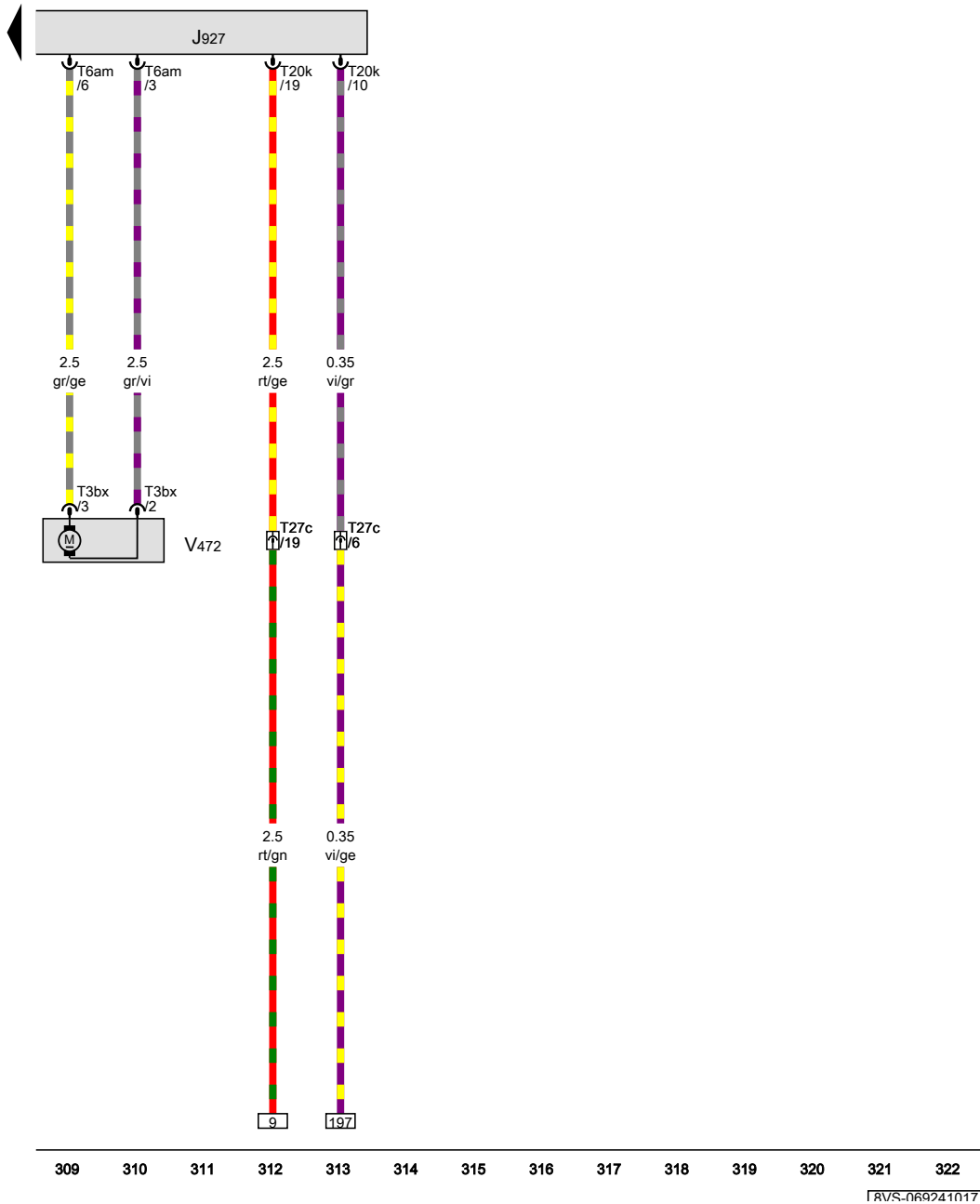
Rear passenger side central locking lock unit, Rear passenger side door control unit

- F436 Rear passenger side central locking lock unit
- J927 Rear passenger side door control unit
- T6bt 6-pin connector
- T8an 8-pin connector
- T10ao 10-pin connector
- T20k 20-pin connector
- V536 Rear childproof lock motor, passenger side
- V538 Rear central locking SAFELOCK function motor, passenger side
- V540 Rear central locking motor, passenger side
- * For models with childproof locks
- *2 Up to October 2015
- *3 From November 2015
- *4 For models with no childproof locks



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Rear passenger side door control unit, Rear passenger side window regulator motor

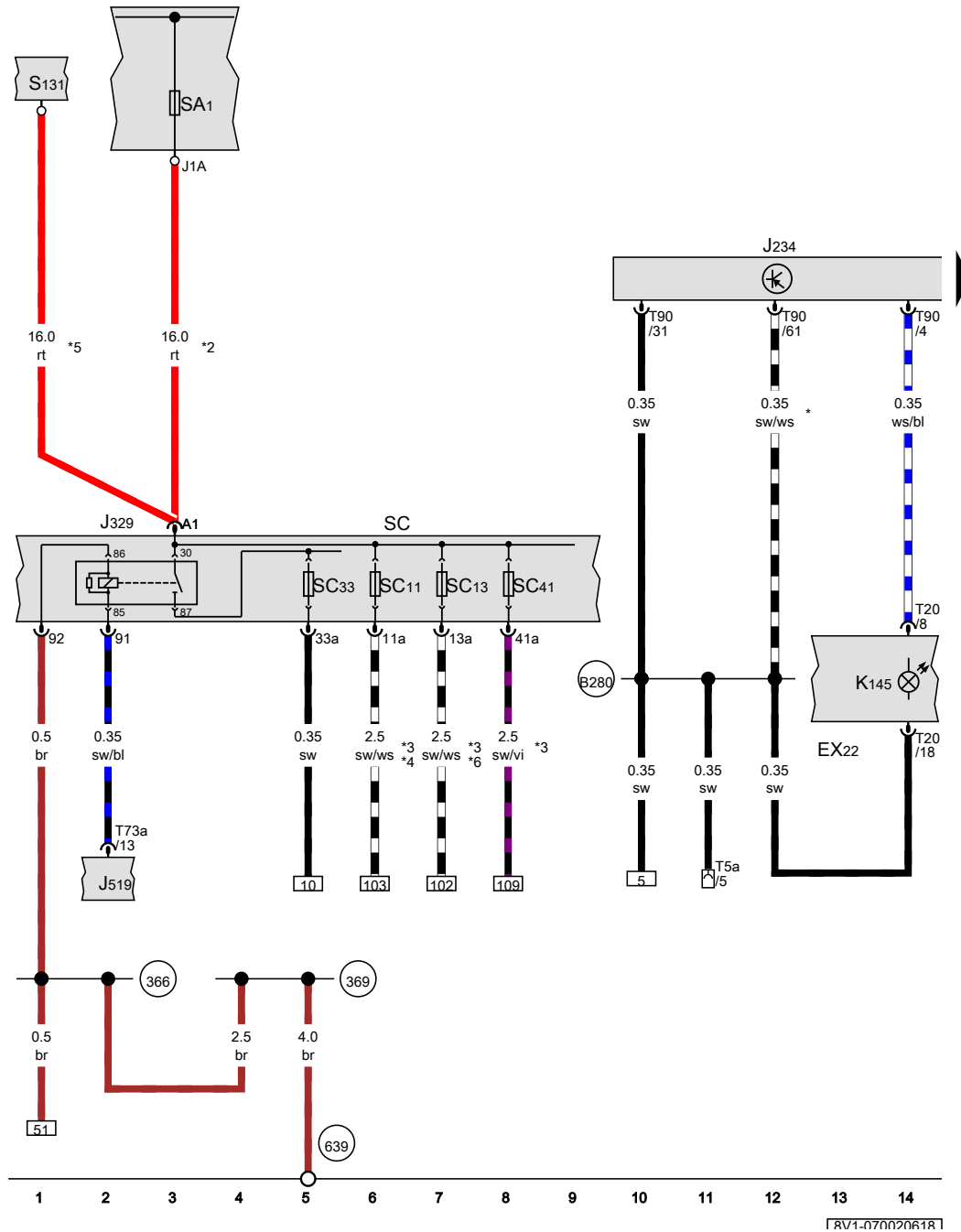


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
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or = orange
rs = pink

Airbag systems , (L0L)

From May 2013

Centre switch module in dash panel, Airbag control unit, Terminal 15 voltage supply relay, Warning lamp for airbag deactivated on front passenger side, Fuse holder C



- EX22 Centre switch module in dash panel
- J234 Airbag control unit
- J329 Terminal 15 voltage supply relay
- J519 Onboard supply control unit
- K145 Warning lamp for airbag deactivated on front passenger side
- SA1 Fuse 1 on fuse holder A
- SC Fuse holder C
- SC11 Fuse 11 on fuse holder C
- SC13 Fuse 13 on fuse holder C
- SC33 Fuse 33 on fuse holder C
- SC41 Fuse 41 on fuse holder C
- S131 Fuse 1
- T5a 5-pin connector
- T20 20-pin connector
- T73a 73-pin connector
- T90 90-pin connector

366 Earth connection 1, in main wiring harness

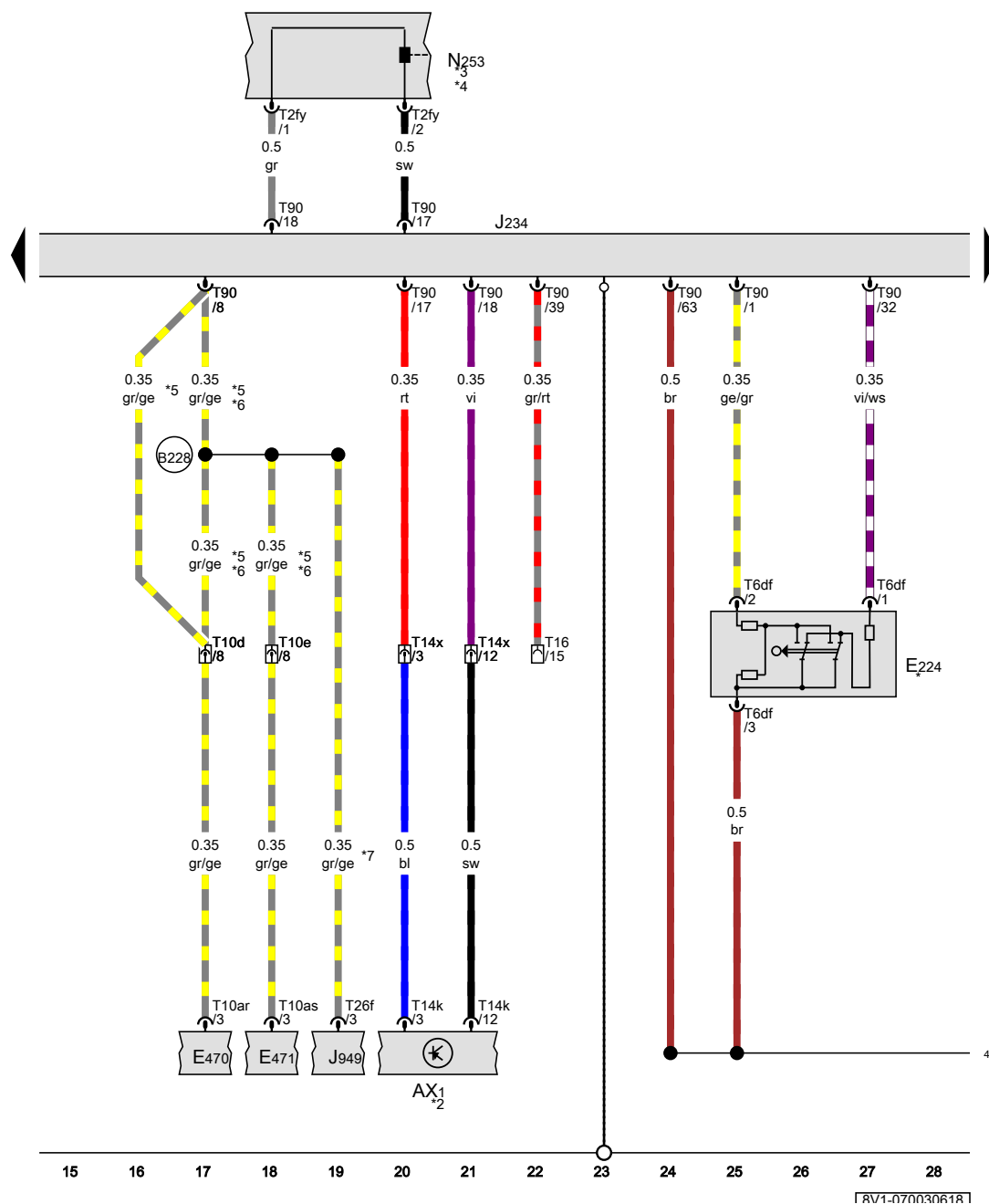
369 Earth connection 4, in main wiring harness

639 Earth point, left A-pillar

B280 Positive connection 4 (15a) in main wiring harness

- * Different wire colour possible
- *2 Not for RS 3 models
- *3 According to equipment
- *4 Up to April 2017
- *5 For RS 3 models
- *6 From May 2017

- ws = white
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- ro = red
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Key operated switch to deactivate airbag on front passenger side, Airbag control unit, Battery isolation igniter

- AX1 Hybrid battery unit
- E224 Key operated switch to deactivate airbag on front passenger side
- E470 Driver seat adjustment operating unit
- E471 Front passenger seat adjustment operating unit
- J234 Airbag control unit
- J949 Emergency call module control unit and communication unit
- N253 Battery isolation igniter
- T2fy 2-pin connector
- T6df 6-pin connector
- T10ar 10-pin connector
- T10as 10-pin connector
- T10d 10-pin connector, in coupling point for front seat, left
- T10e 10-pin connector, in coupling point for front seat, right
- T14k 14-pin connector, black
- T14x 14-pin connector, on fuel gauge sender, black
- T16 16-pin connector
- T26f 26-pin connector
- T90 90-pin connector

475 Earth connection (airbag), in main wiring harness

B228 Connection (crash signal), in interior wiring harness

- * For models with no equipment for China
- *2 For models with hybrid drive system
- *3 For RS 3 models
- *4 see applicable current flow diagram for battery
- *5 For models with electric seat adjustment on driver side
- *6 For models with electric seat adjustment on passenger side
- *7 For models with emergency call module

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- ge = yellow
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Driver side belt switch, Front passenger side belt switch, Rear belt switch, driver side, Rear belt switch, passenger side, Airbag control unit

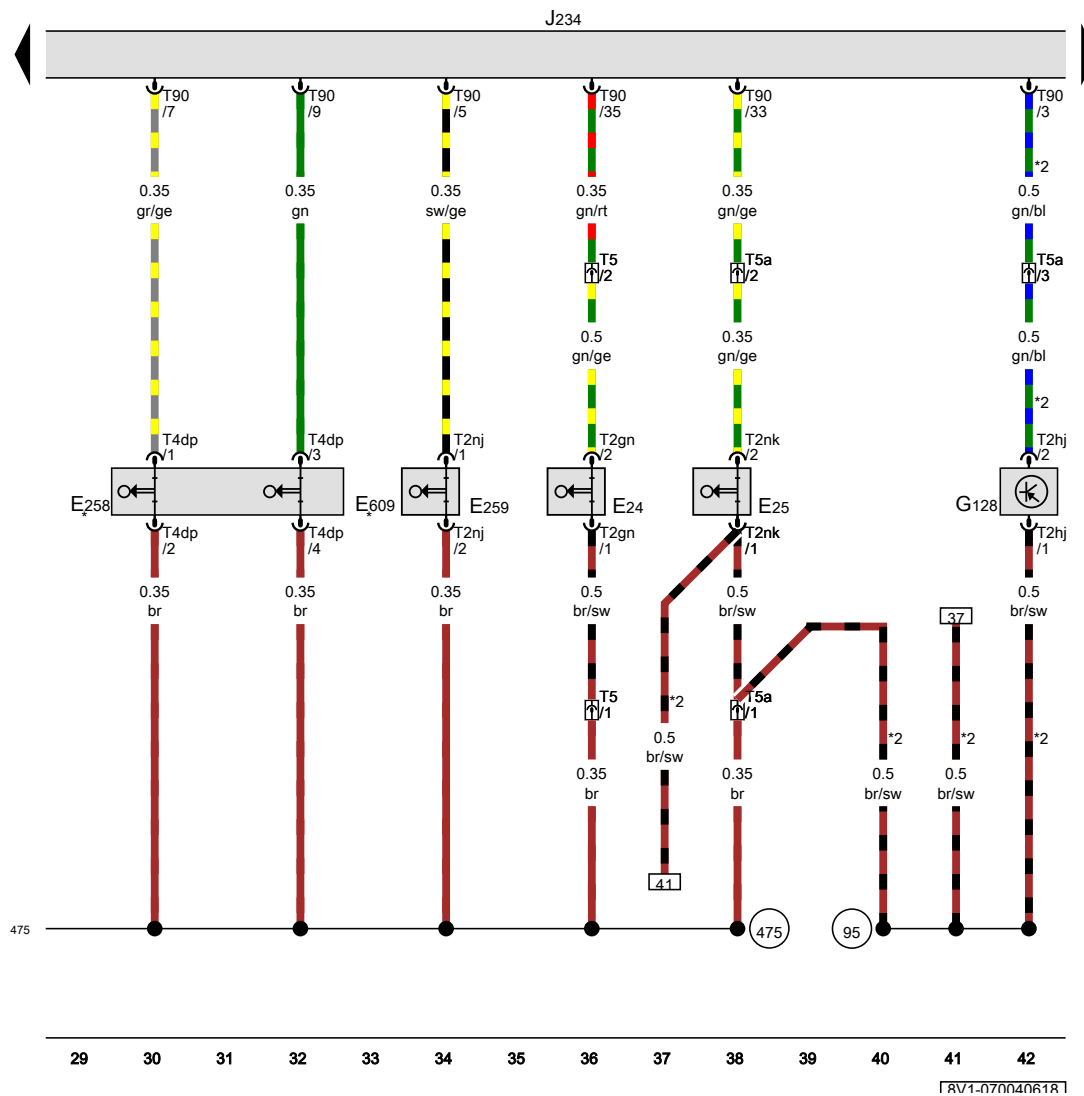
- E24 Driver side belt switch
- E25 Front passenger side belt switch
- E258 Rear belt switch, driver side
- E259 Rear belt switch, passenger side
- E609 Rear centre belt switch
- G128 Seat occupied sensor, front passenger side
- J234 Airbag control unit
- T2gn 2-pin connector
- T2hj 2-pin connector
- T2nj 2-pin connector
- T2nk 2-pin connector
- T4dp 4-pin connector
- T5 5-pin connector
- T5a 5-pin connector
- T90 90-pin connector

95 Earth connection 1, in seat adjustment wiring harness

475 Earth connection (airbag), in main wiring harness

* For models with no equipment for China

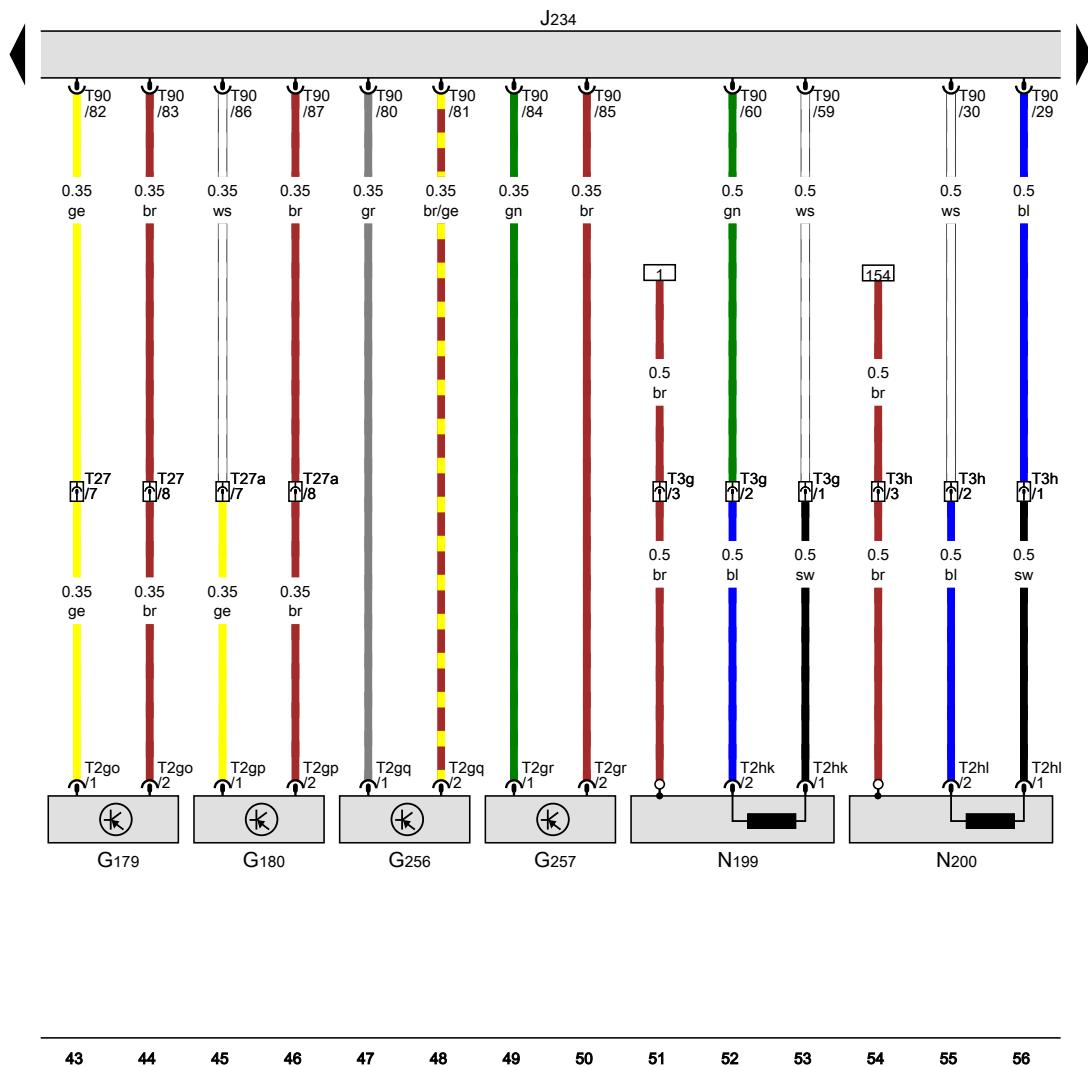
*2 For models with seat occupied recognition



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Side airbag crash sensor on driver side, Side airbag crash sensor on front passenger side, Rear side airbag crash sensor on driver side, Rear side airbag crash sensor on passenger side, Airbag control unit, Side airbag igniter on driver side, Side airbag igniter on front passenger side

- G179 Side airbag crash sensor on driver side
- G180 Side airbag crash sensor on front passenger side
- G256 Rear side airbag crash sensor on driver side
- G257 Rear side airbag crash sensor on passenger side
- J234 Airbag control unit
- N199 Side airbag igniter on driver side
- N200 Side airbag igniter on front passenger side
- T2go 2-pin connector
- T2gp 2-pin connector
- T2gq 2-pin connector
- T2gr 2-pin connector
- T2hk 2-pin connector
- T2hl 2-pin connector
- T3g 3-pin connector, in driver seat armrest
- T3h 3-pin connector, under front passenger seat
- T27 27-pin connector
- T27a 27-pin connector
- T90 90-pin connector

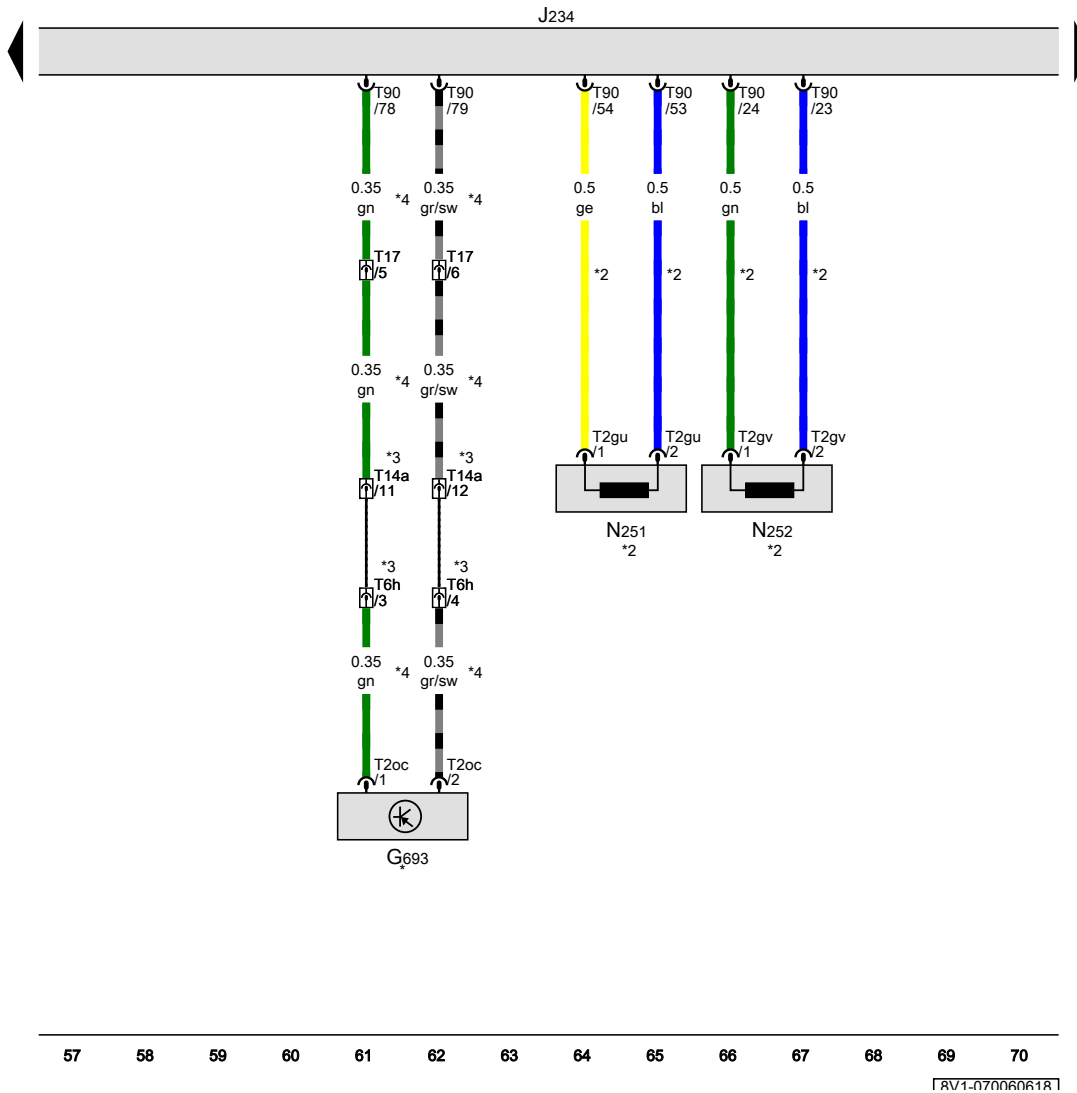


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18V1-0700506181

Centre crash sensor for pedestrian protection, Airbag control unit, Driver side curtain airbag igniter, Front passenger side curtain airbag igniter

- G693 Centre crash sensor for pedestrian protection
- J234 Airbag control unit
- N251 Driver side curtain airbag igniter
- N252 Front passenger side curtain airbag igniter
- T2gu 2-pin connector
- T2gv 2-pin connector
- T2oc 2-pin connector
- T6h 6-pin connector
- T14a 14-pin connector
- T17 17-pin connector
- T90 90-pin connector
- * For models with no equipment for China
- *2 For models with curtain airbag
- *3 According to equipment
- *4 Up to April 2016



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- vi = purple
- ge = yellow
- or = orange
- rs = pink

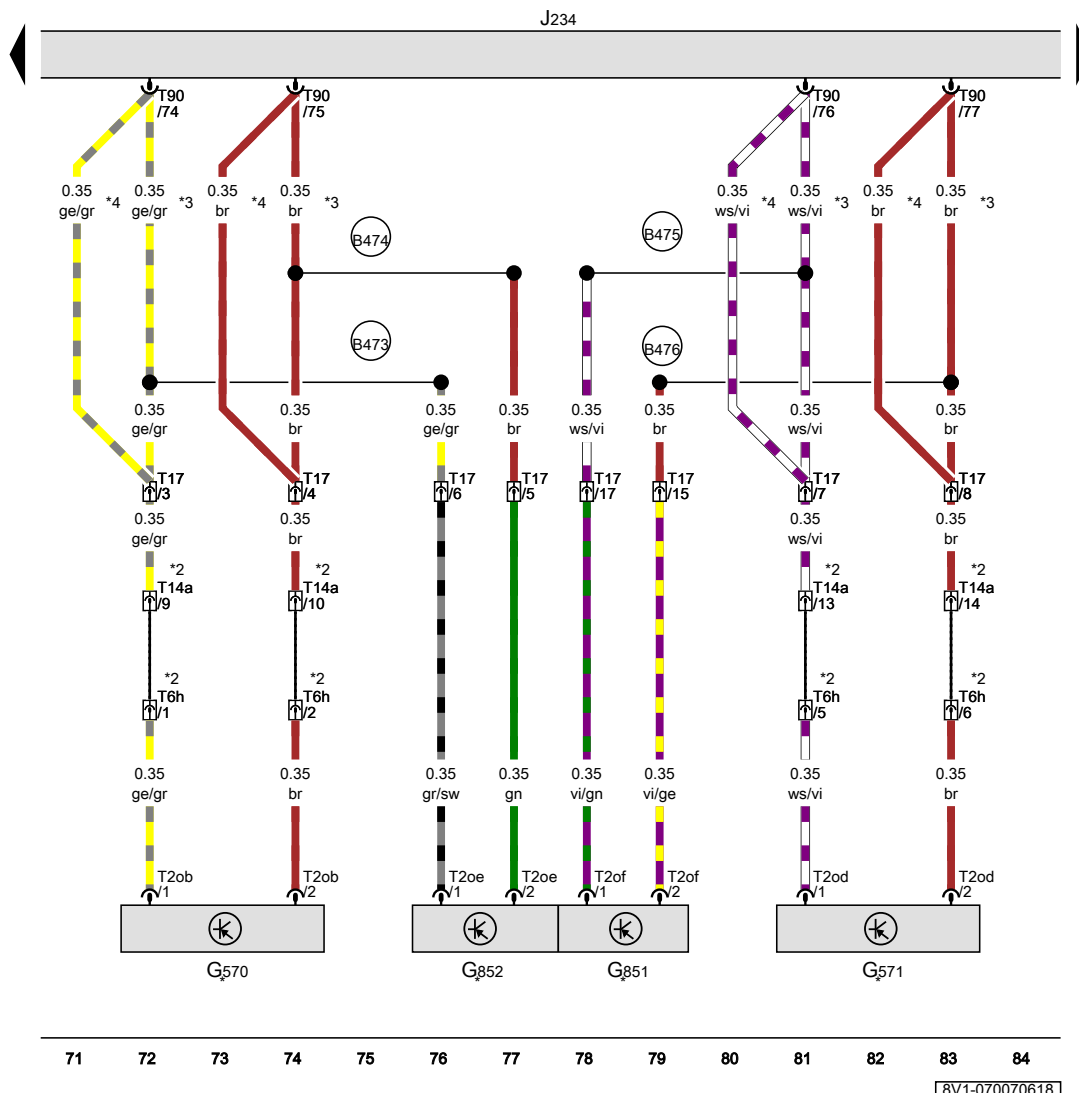
Driver side crash sensor for pedestrian protection, Front passenger side crash sensor for pedestrian protection, Airbag control unit

- G570 Driver side crash sensor for pedestrian protection
- G571 Front passenger side crash sensor for pedestrian protection
- G851 Driver side crash sensor 2 for pedestrian protection
- G852 Front passenger side crash sensor 2 for pedestrian protection
- J234 Airbag control unit
- T2ob 2-pin connector
- T2od 2-pin connector
- T2oe 2-pin connector
- T2of 2-pin connector
- T6h 6-pin connector
- T14a 14-pin connector
- T17 17-pin connector
- T90 90-pin connector

- B473 Connection 9, in main wiring harness
- B474 Connection 10, in main wiring harness
- B475 Connection 11, in main wiring harness
- B476 Connection 12, in main wiring harness

- * For models with no equipment for China
- *2 According to equipment
- *3 From May 2016
- *4 Up to April 2016

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- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
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18V1-070070R181

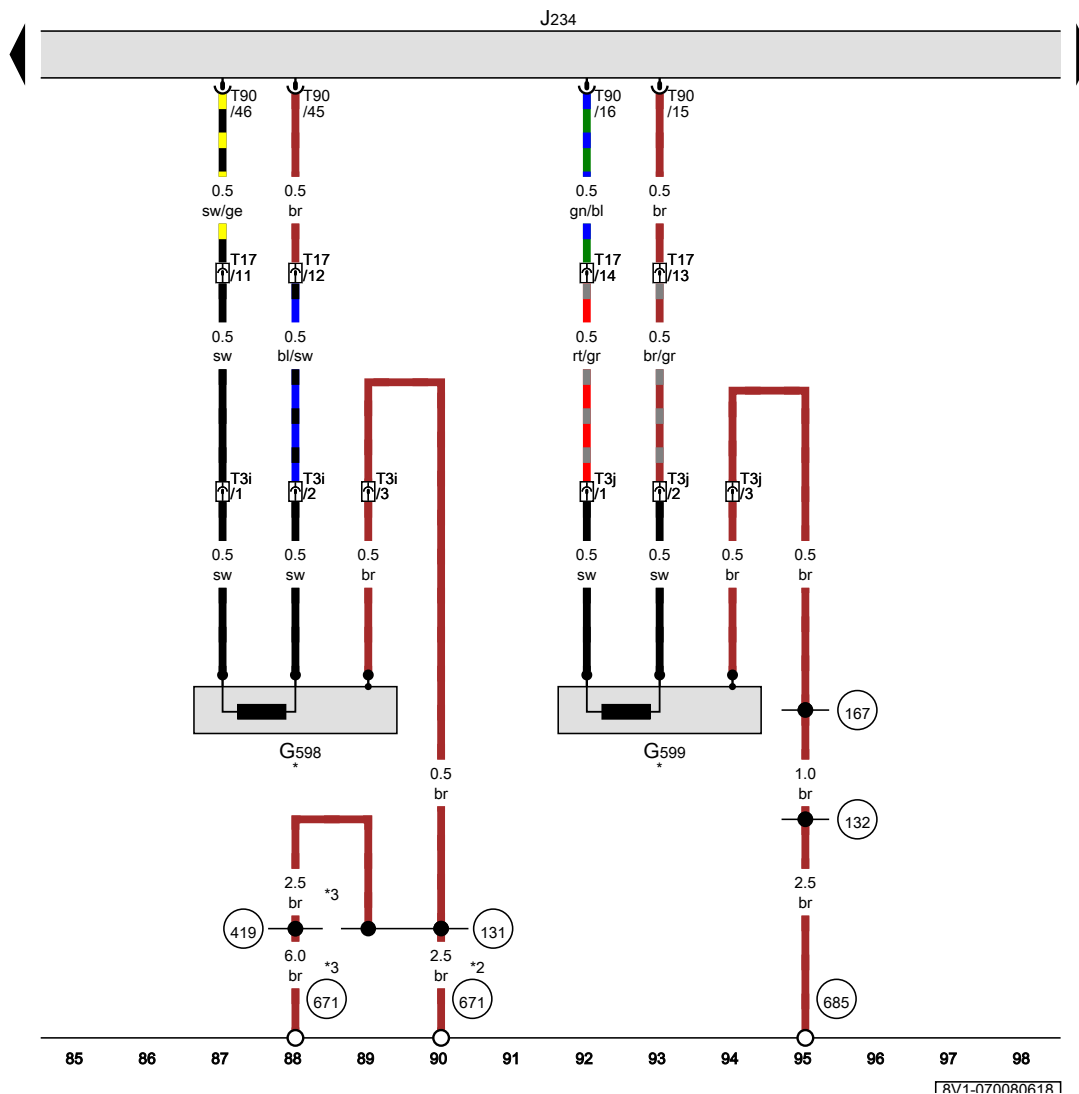
Trigger 1 for pedestrian protection, Trigger 2 for pedestrian protection, Airbag control unit

G598 Trigger 1 for pedestrian protection
G599 Trigger 2 for pedestrian protection
J234 Airbag control unit
T3i 3-pin connector
T3j 3-pin connector
T17 17-pin connector
T90 90-pin connector

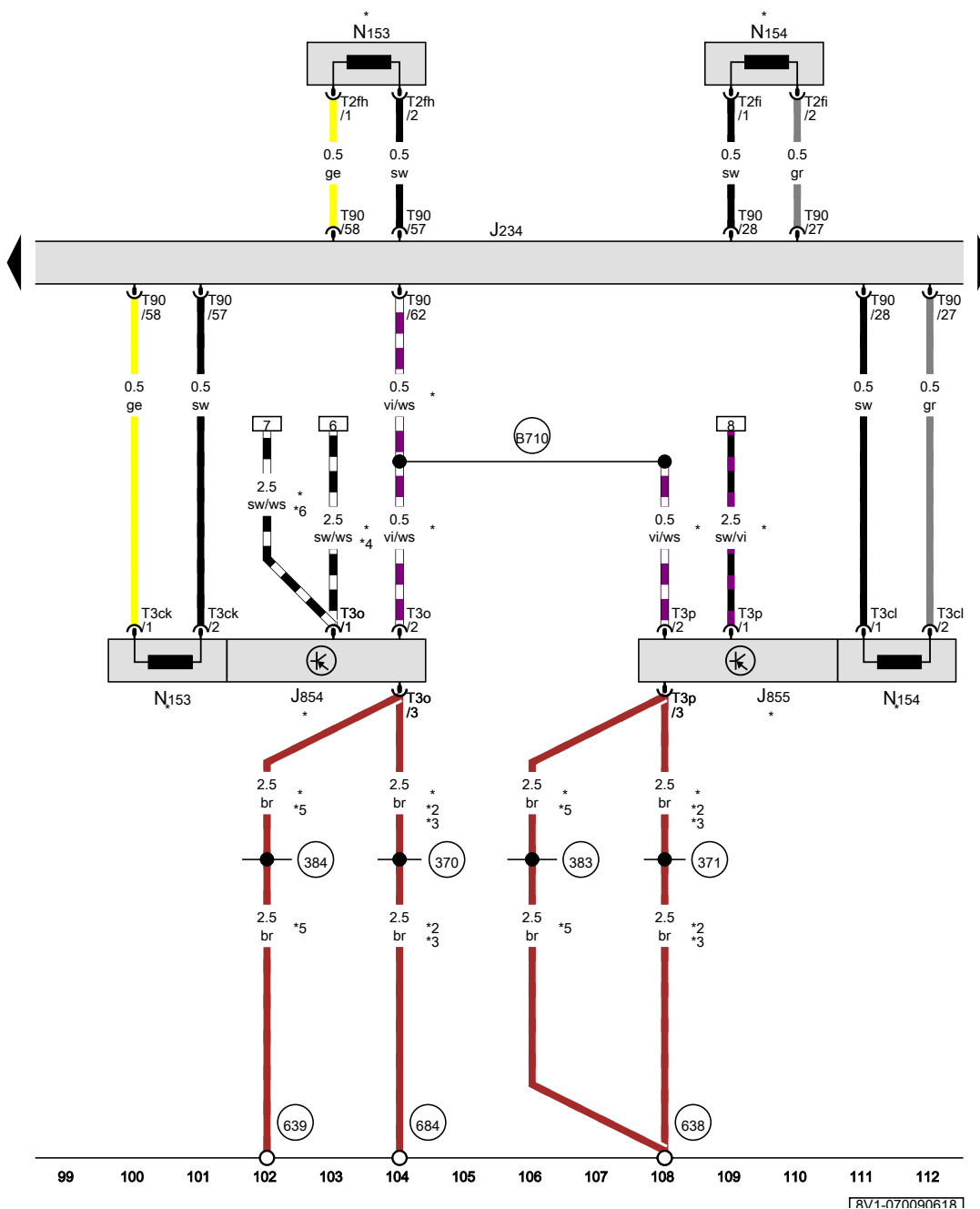
- 131 Earth connection 2, in engine compartment wiring harness
- 132 Earth connection 3, in engine compartment wiring harness
- 167 Earth connection 4, in engine compartment wiring harness
- 419 Earth connection 11, in engine compartment wiring harness
- 671 Earth point 1, on front of left longitudinal member
- 685 Earth point 1, on front of right longitudinal member

* For models with no equipment for China
*2 Gradually discontinued
*3 gradual introduction

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Airbag control unit, Control unit for front left belt tensioner, Control unit for front right belt tensioner, Driver seat belt tensioner igniter 1, Front passenger seat belt tensioner igniter 1



ws = white
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J234 Airbag control unit
J854 Control unit for front left belt tensioner
J855 Control unit for front right belt tensioner
N153 Driver seat belt tensioner igniter 1
N154 Front passenger seat belt tensioner igniter 1
T2fh 2-pin connector
T2fi 2-pin connector
T3ck 3-pin connector
T3cl 3-pin connector
T3o 3-pin connector
T3p 3-pin connector
T90 90-pin connector

370 Earth connection 5, in main wiring harness
371 Earth connection 6, in main wiring harness
383 Earth connection 18, in main wiring harness
384 Earth connection 19, in main wiring harness
638 Earth point, on right A-pillar
639 Earth point, left A-pillar
684 Earth point on front of left side member
B710 Connection 5 (LIN bus) in main wiring harness

* According to equipment
*2 For models with 3 doors
*3 For models with 5 doors
*4 Up to April 2017
*5 For models with 4 doors
*6 From May 2017

Airbag control unit, Rear side airbag igniter on driver side,
Rear side airbag igniter on passenger side

- J234 Airbag control unit
- N201 Rear side airbag igniter on driver side
- N202 Rear side airbag igniter on passenger side
- T3m 3-pin connector
- T3n 3-pin connector
- T90 90-pin connector

50 Earth point, on left in luggage compartment

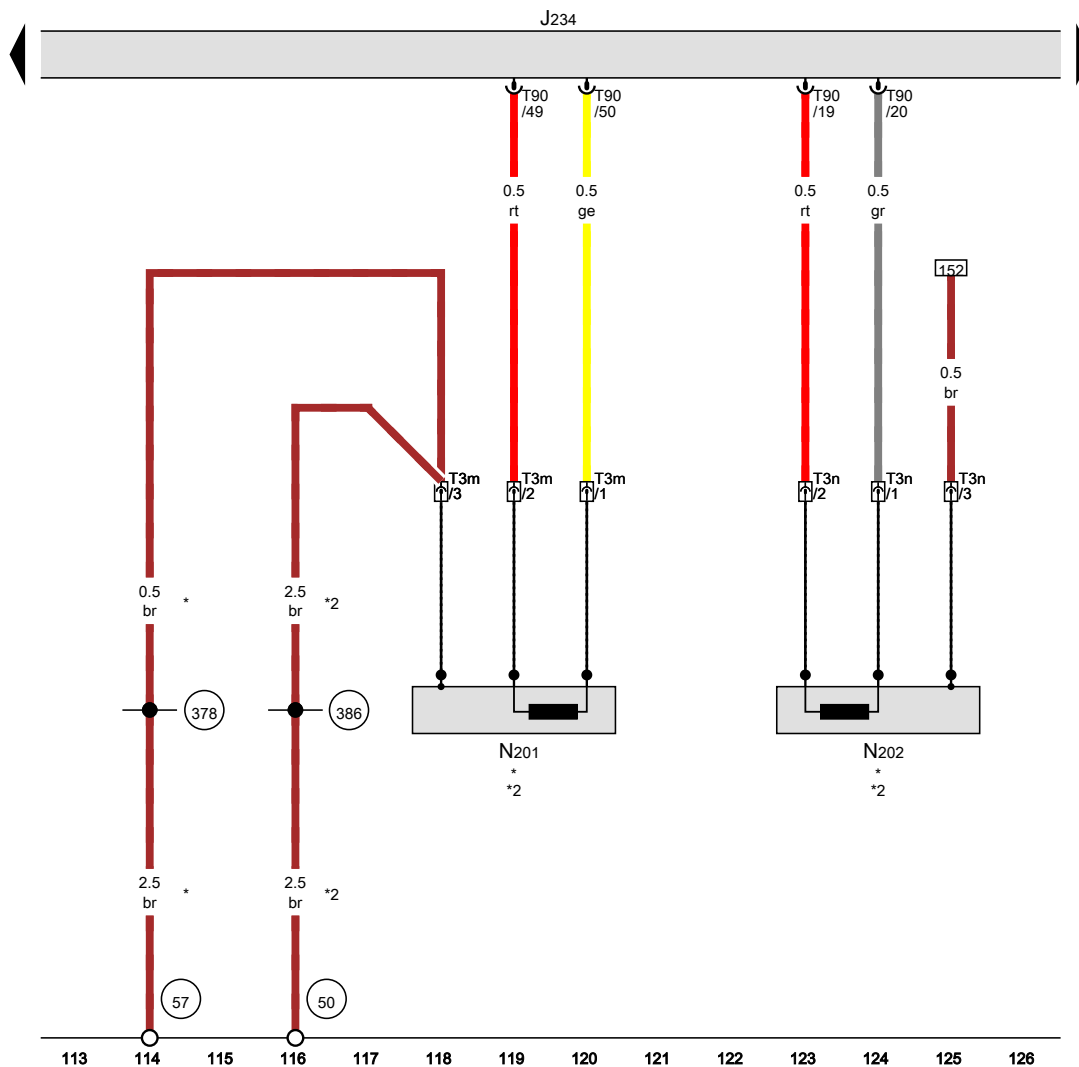
57 Earth point, rear left pillar

378 Earth connection 13, in main wiring harness

386 Earth connection 21, in main wiring harness

* For models with 5 doors

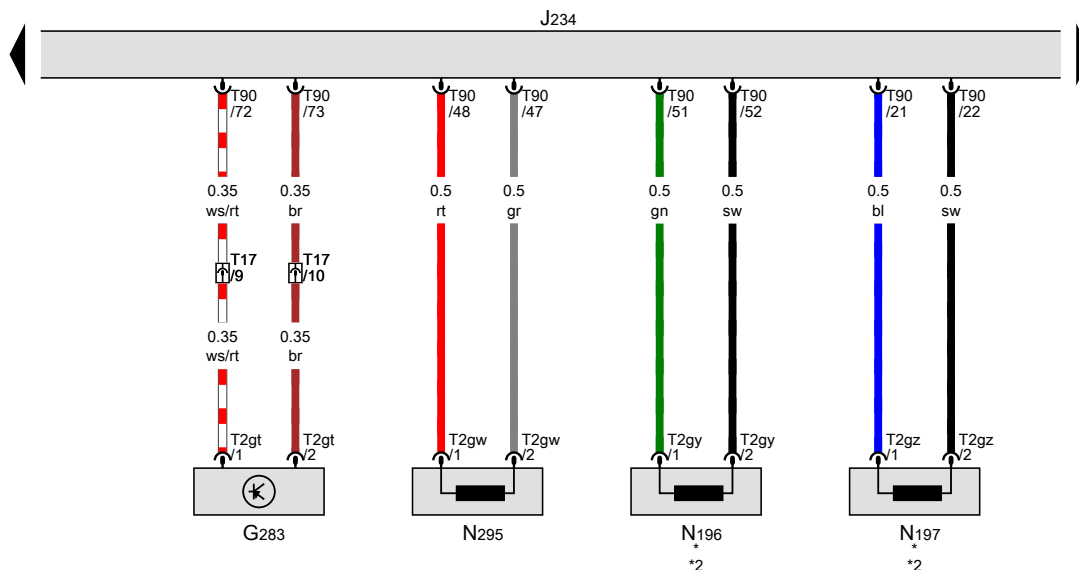
*2 For models with 4 doors



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- rs = pink

Front airbag crash sensor for driver side, Airbag control unit, Rear belt tensioner igniter on driver side, Rear belt tensioner igniter on passenger side, Driver side knee airbag igniter

- G283 Front airbag crash sensor for driver side
- J234 Airbag control unit
- N196 Rear belt tensioner igniter on driver side
- N197 Rear belt tensioner igniter on passenger side
- N295 Driver side knee airbag igniter
- T2gt 2-pin connector
- T2gw 2-pin connector
- T2gy 2-pin connector
- T2gz 2-pin connector
- T17 17-pin connector
- T90 90-pin connector
- * For models with equipment for China
- *2 For models with no hybrid drive system



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 gr = grey
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 vi = purple
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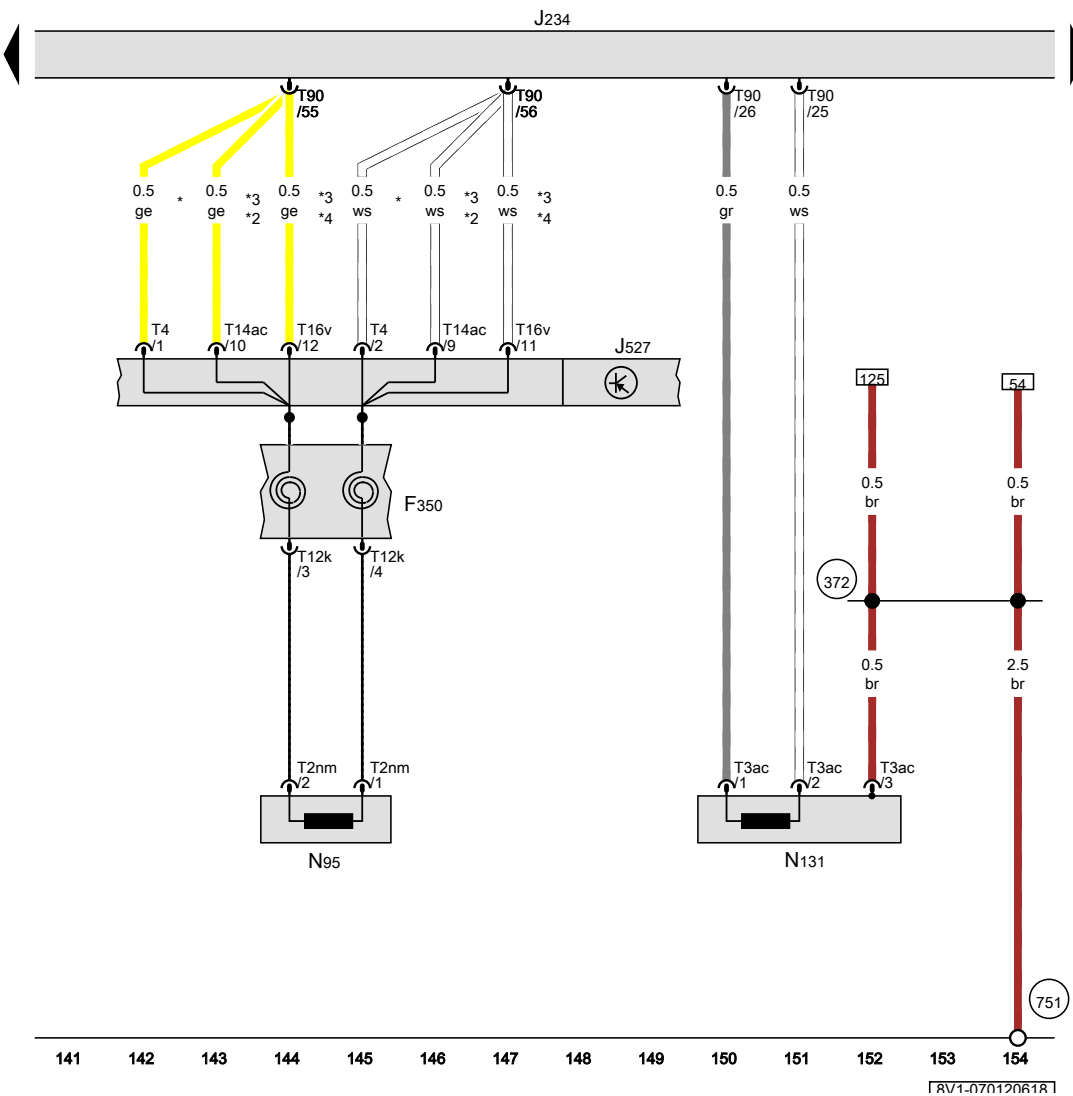
Airbag control unit, Steering column electronics control unit,
Airbag igniter on driver side, Airbag igniter 1 on front
passenger side

- F350 Coil connector
- J234 Airbag control unit
- J527 Steering column electronics control unit
- N95 Airbag igniter on driver side
- N131 Airbag igniter 1 on front passenger side
- T2nm 2-pin connector
- T3ac 3-pin connector
- T4 4-pin connector, yellow
- T12k 12-pin connector
- T14ac 14-pin connector, black
- T16v 16-pin connector, black
- T90 90-pin connector

372 Earth connection 7, in main wiring harness

751 Earth point 2, on right A-pillar

- * Up to June 2018
- *2 For models with heated steering wheel
- *3 From July 2018
- *4 For models with no heated steering wheel

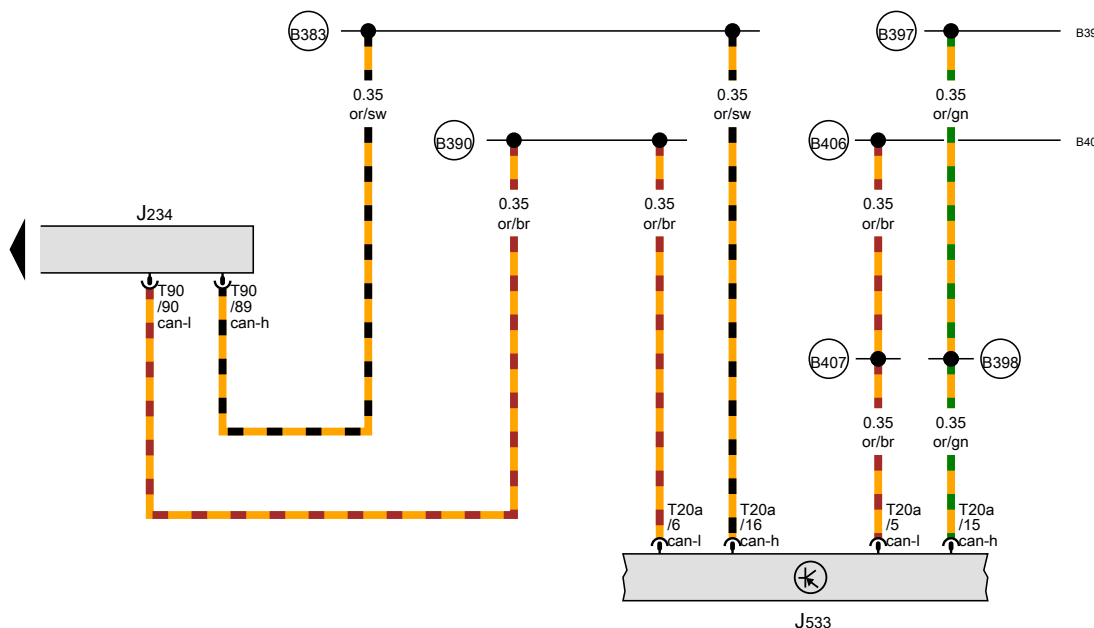


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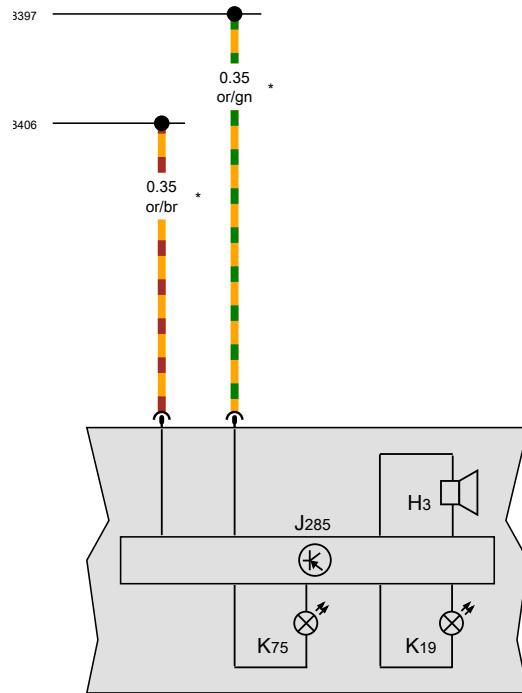
Airbag control unit, Data bus diagnostic interface

J234 Airbag control unit
J533 Data bus diagnostic interface, in left footwell, near centre console
T20a 20-pin connector
T90 90-pin connector

- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness



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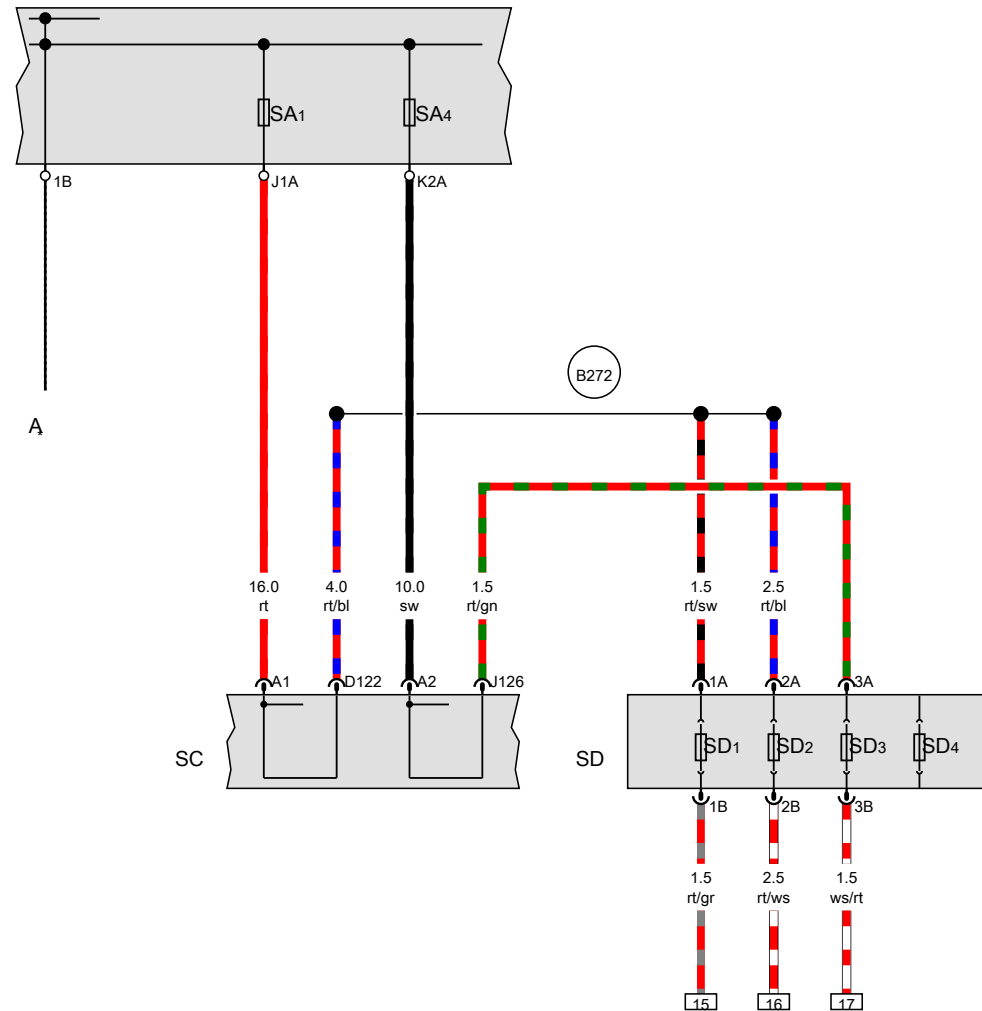
Buzzer and gong, Control unit in dash panel insert, Seat belt warning system warning lamp, Airbag warning lamp

- H3 Buzzer and gong
- J285 Control unit in dash panel insert
- K19 Seat belt warning system warning lamp
- K75 Airbag warning lamp
- (B397) Connection 1 (convenience CAN bus, high), in main wiring harness
- (B406) Connection 1 (convenience CAN bus, low), in main wiring harness
- * see applicable current flow diagram for dash panel insert

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 sw = black
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 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

Trailer coupling , (1M5),(1D2)

From May 2013



Fuse holder C, Fuse holder D

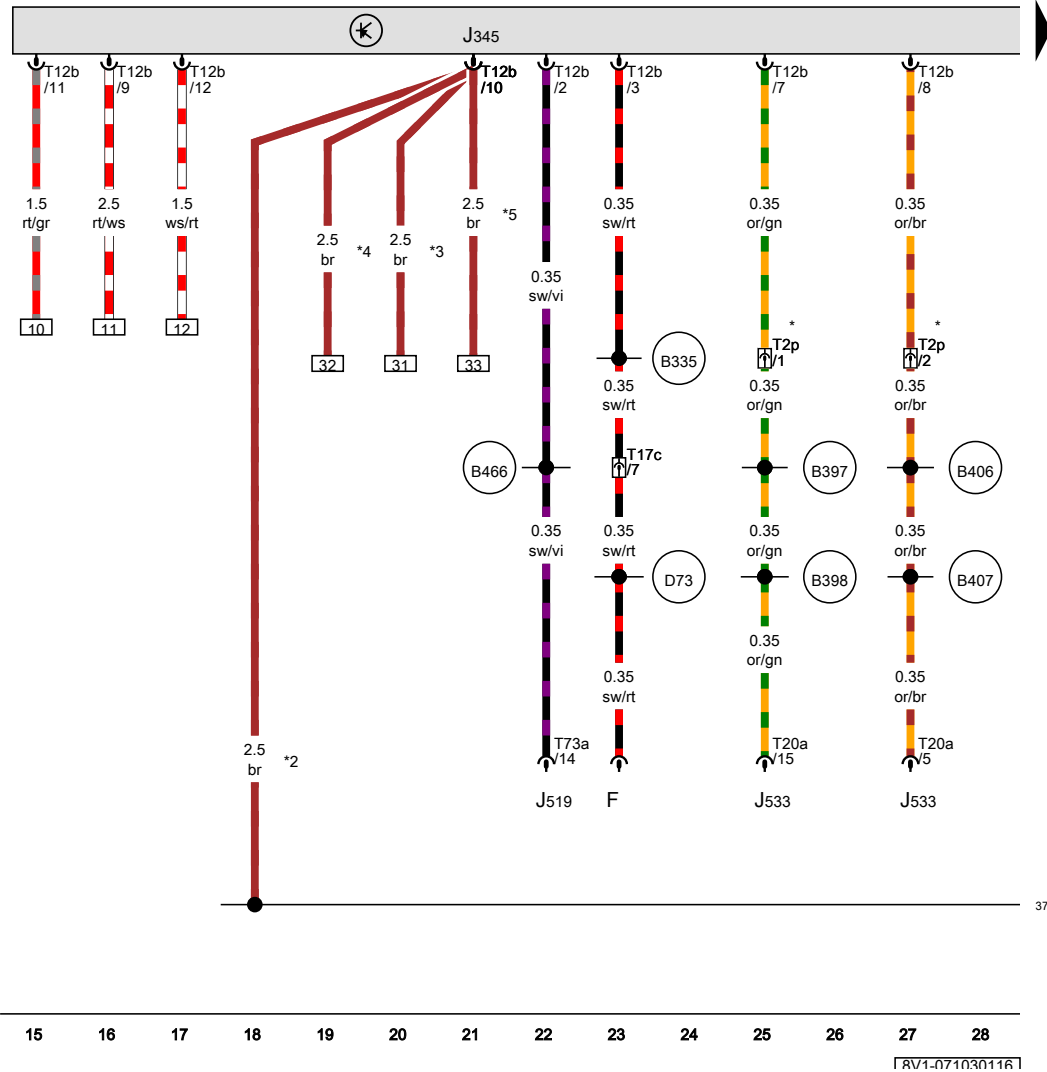
- A Battery
- SA1 Fuse 1 in fuse holder A
- SA4 Fuse 4 in fuse holder A
- SC Fuse holder C
- SD Fuse holder D
- SD1 Fuse 1 on fuse holder D
- SD2 Fuse 2 on fuse holder D
- SD3 Fuse 3 on fuse holder D
- SD4 Fuse 4 on fuse holder D
- B272 Positive connection (30), in main wiring harness
- * see applicable current flow diagram for battery in engine compartment

Brake light switch, Trailer detector control unit

- F Brake light switch
- J345 Trailer detector control unit
- J519 Onboard supply control unit
- J533 Data bus diagnostic interface
- T2p 2-pin connector
- T12b 12-pin connector
- T17c 17-pin connector
- T20a 20-pin connector
- T73a 73-pin connector

- 373 Earth connection 8, in main wiring harness
- B335 Connection 1 (54), in main wiring harness
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness
- B466 Connection 2, in main wiring harness
- D73 Positive connection (54), in engine compartment wiring harness
- * Only models with preparation for trailer coupling
- *2 Only models with 3-doors
- *3 Only models with 5-doors
- *4 Only models with 4-doors
- *5 Only Cabriolet models

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 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
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 or = orange
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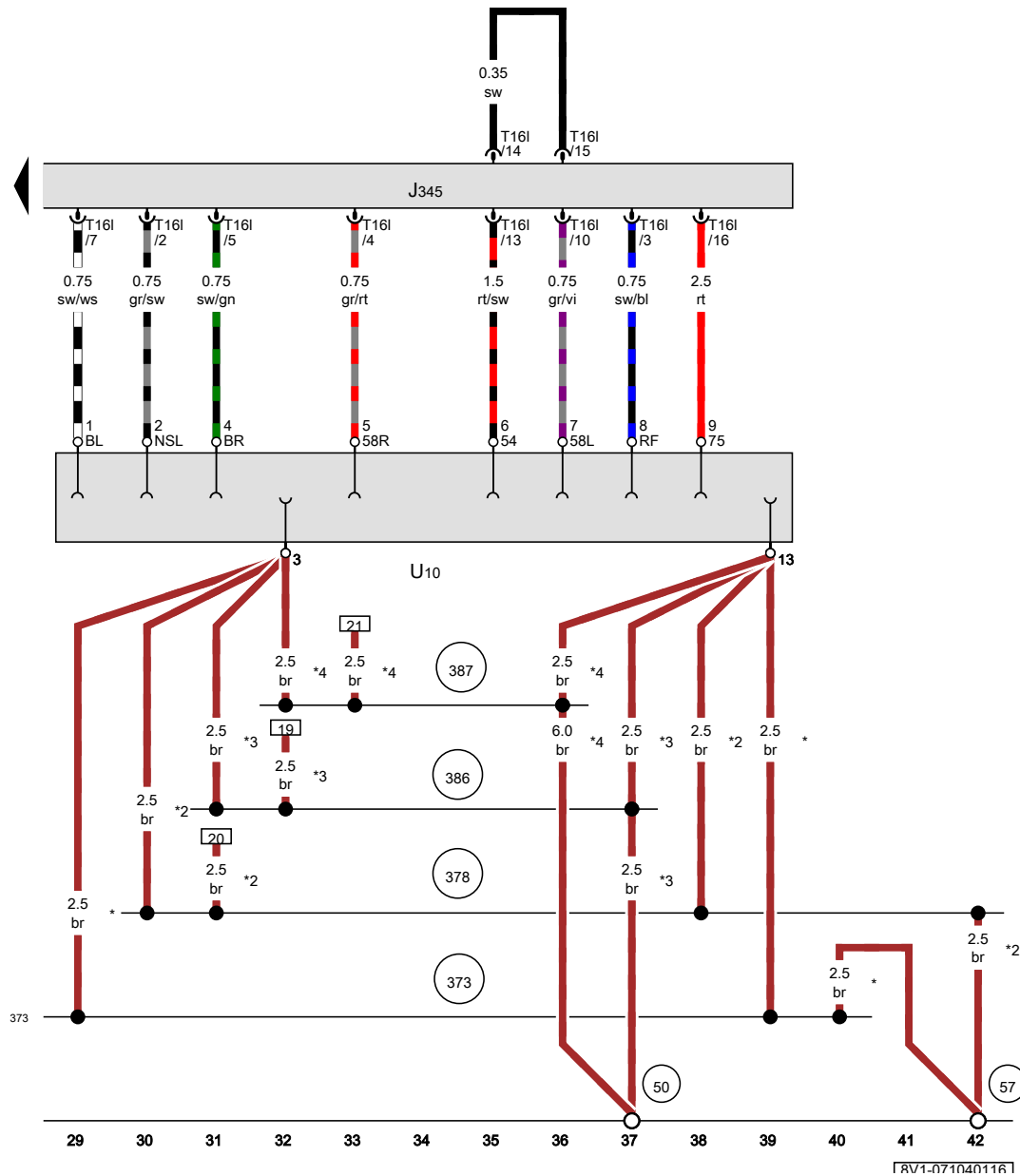


Trailer detector control unit, Trailer socket

J345 Trailer detector control unit
T16l 16-pin connector
U10 Trailer socket

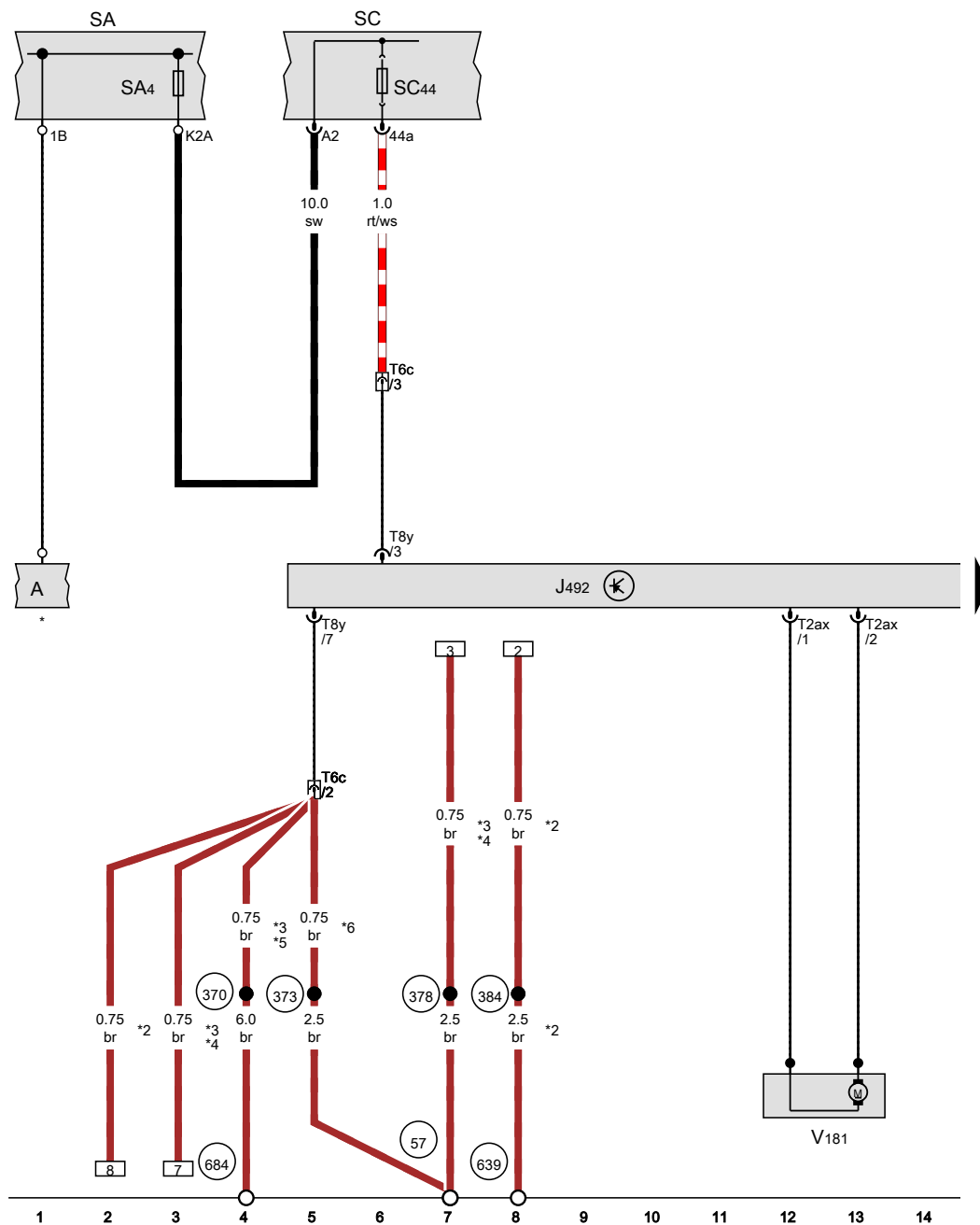
- 50 Earth point, on left in luggage compartment
- 57 Earth point, rear left pillar
- 373 Earth connection 8, in main wiring harness
- 378 Earth connection 13, in main wiring harness
- 386 Earth connection 21, in main wiring harness
- 387 Earth connection 22, in main wiring harness

* Only models with 3-doors
*2 Only models with 5-doors
*3 Only models with 4-doors
*4 Only Cabriolet models



All-wheel drive , (1X1)

From May 2013



18V1-0720211161

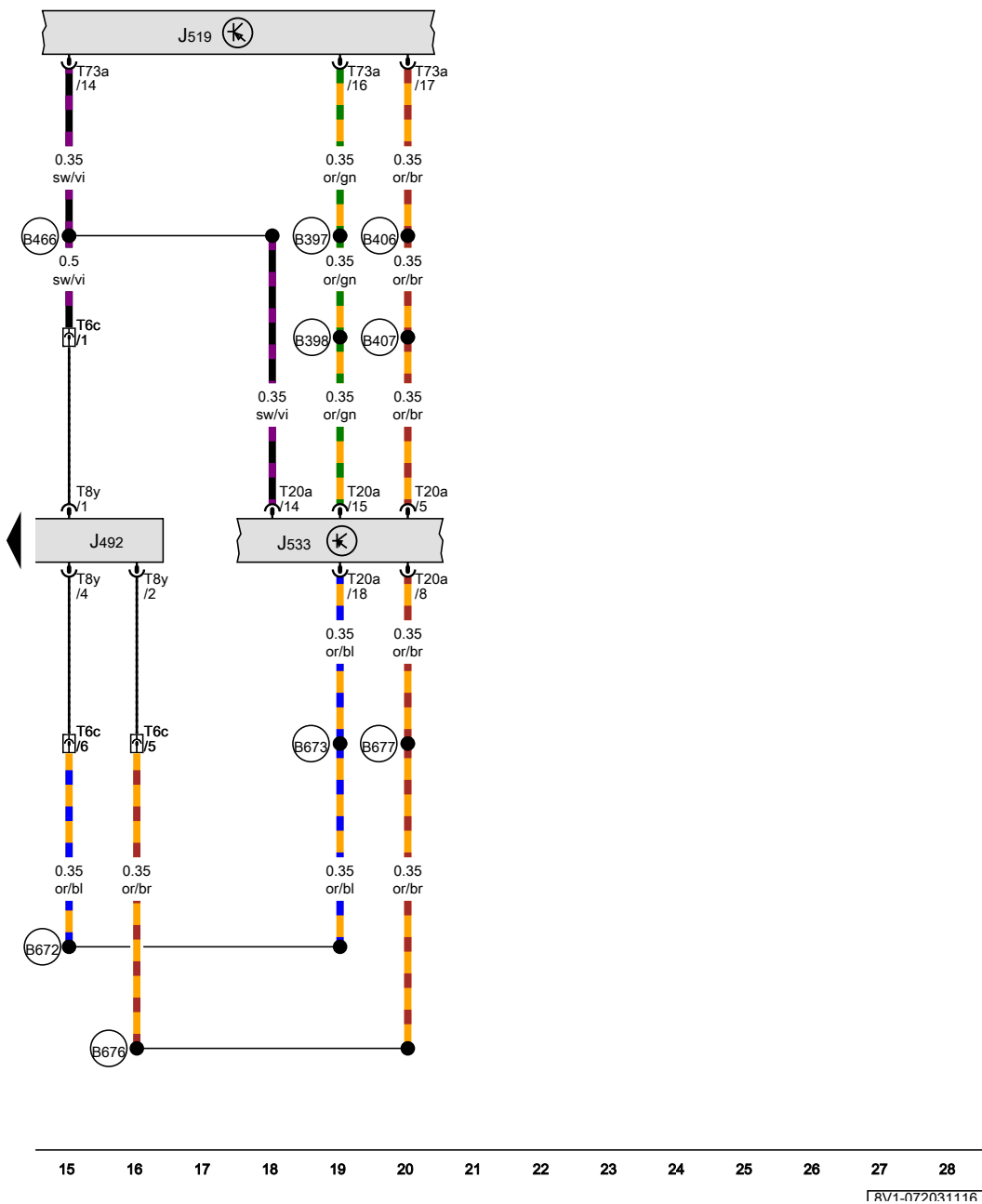
All-wheel drive control unit, Fuse holder C

- A Battery
- J492 All-wheel drive control unit
- SA Fuse holder A
- SA4 Fuse 4 on fuse holder A
- SC Fuse holder C
- SC44 Fuse 44 on fuse holder C
- T2ax 2-pin connector
- T6c 6-pin connector
- T8y 8-pin connector
- V181 All-wheel drive coupling pump

- 57 Earth point, rear left pillar
- 370 Earth connection 5, in main wiring harness
- 373 Earth connection 8, in main wiring harness
- 378 Earth connection 13, in main wiring harness
- 384 Earth connection 19, in main wiring harness
- 639 Earth point, left A-pillar
- 684 Earth point on front of left side member

- * see applicable current flow diagram for battery in engine compartment
- *2 Only models with 4-doors
- *3 Only models with 5-doors
- *4 Only right-hand drive models
- *5 Only left-hand drive models
- *6 Only models with 3-doors

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- or = orange
- rs = pink



**All-wheel drive control unit, Onboard supply control unit,
Data bus diagnostic interface**

J492	All-wheel drive control unit
J519	Onboard supply control unit
J533	Data bus diagnostic interface
T6c	6-pin connector
T8y	8-pin connector
T20a	20-pin connector
T73a	73-pin connector
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B398	Connection 2 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
B407	Connection 2 (convenience CAN bus, low), in main wiring harness
B466	Connection 2, in main wiring harness
B672	Connection 1 (running gear/dash panel insert CAN bus, high), in main wiring harness
B673	Connection 2 (running gear/dash panel insert CAN bus, high), in main wiring harness
B676	Connection 1 (running gear/dash panel insert CAN bus, low), in main wiring harness
B677	Connection 2 (running gear/dash panel insert CAN bus, low), in main wiring harness

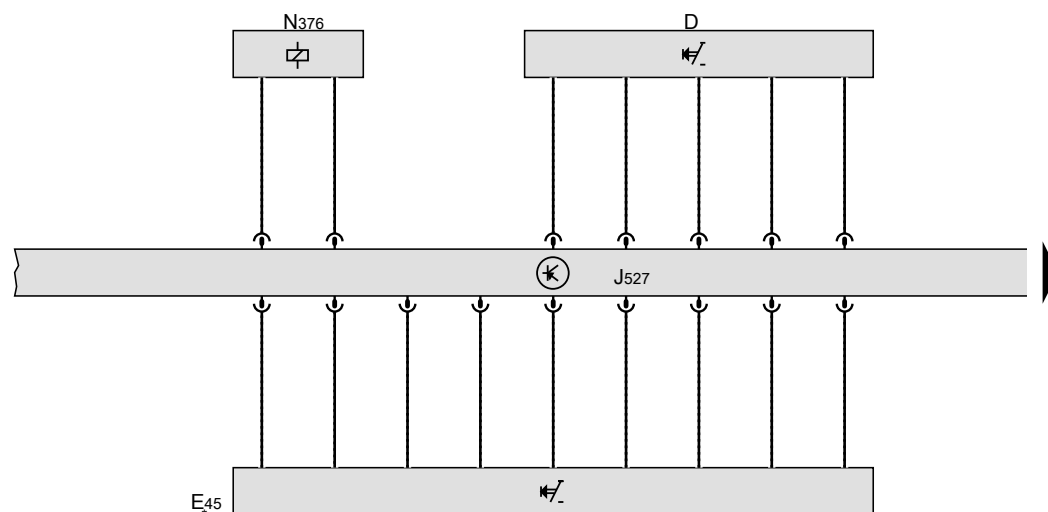
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1.4l petrol engine , CPWA

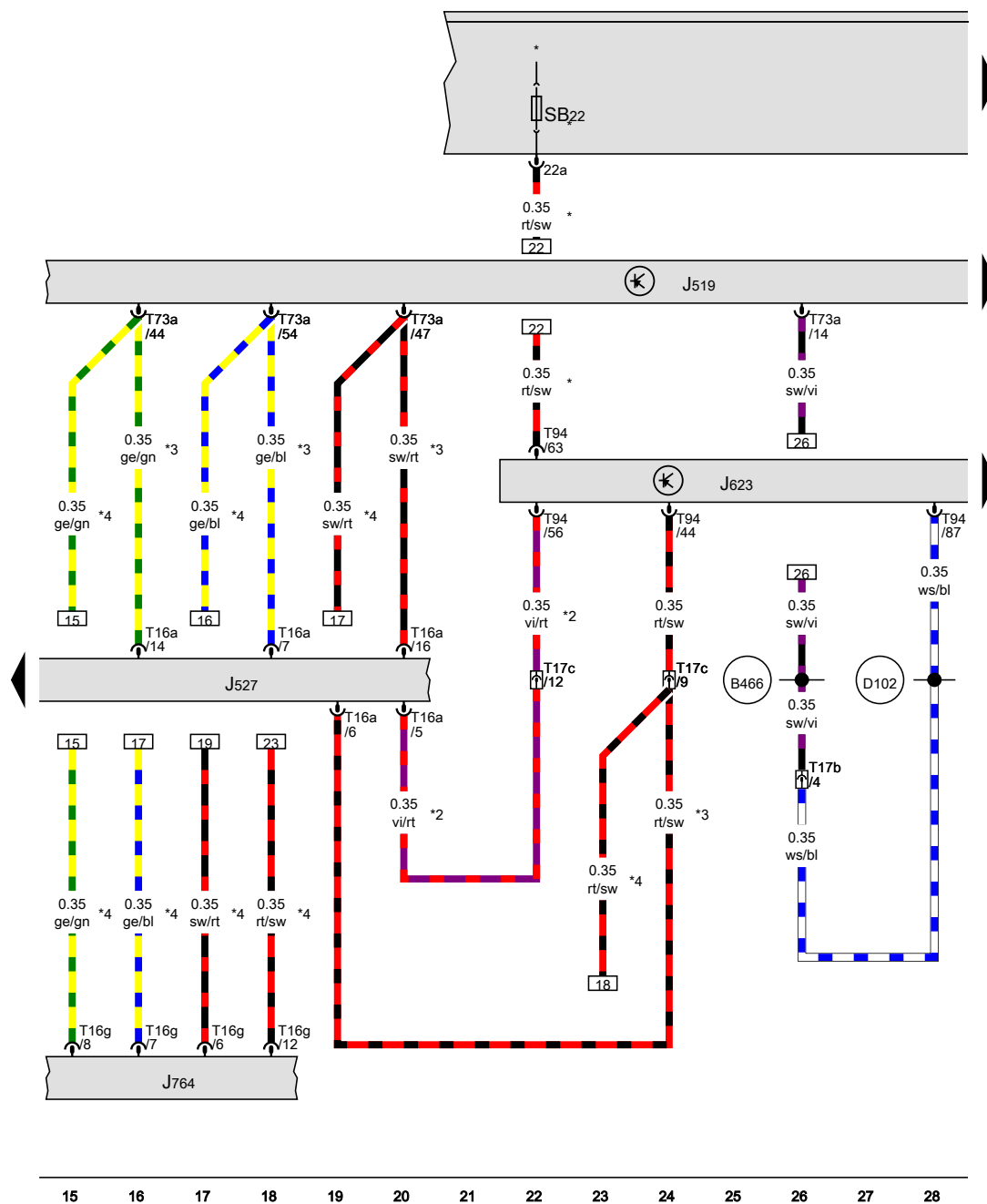
From May 2013

Ignition/starter switch, Cruise control system switch,
Steering column electronics control unit

- D Ignition/starter switch
- E45 Cruise control system switch
- J527 Steering column electronics control unit
- N376 Ignition key withdrawal lock solenoid
- T2oi 2-pin connector
- * Only models with cruise control system (CCS)



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Onboard supply control unit, Steering column electronics control unit, Engine control unit

- J519 Onboard supply control unit
- J527 Steering column electronics control unit
- J623 Engine control unit
- J764 Control unit for electronic steering column lock
- SB22 Fuse 22 on fuse holder B
- T16a 16-pin connector
- T16g 16-pin connector
- T17b 17-pin connector
- T17c 17-pin connector
- T73a 73-pin connector
- T94 94-pin connector

B466 Connection 2, in main wiring harness

D102 Connection 2 in engine compartment wiring harness

* see applicable current flow diagram for battery in engine compartment

*2 Only models with cruise control system (CCS)

*3 Only models with no entry and start authorisation

*4 Only models with entry and start authorisation

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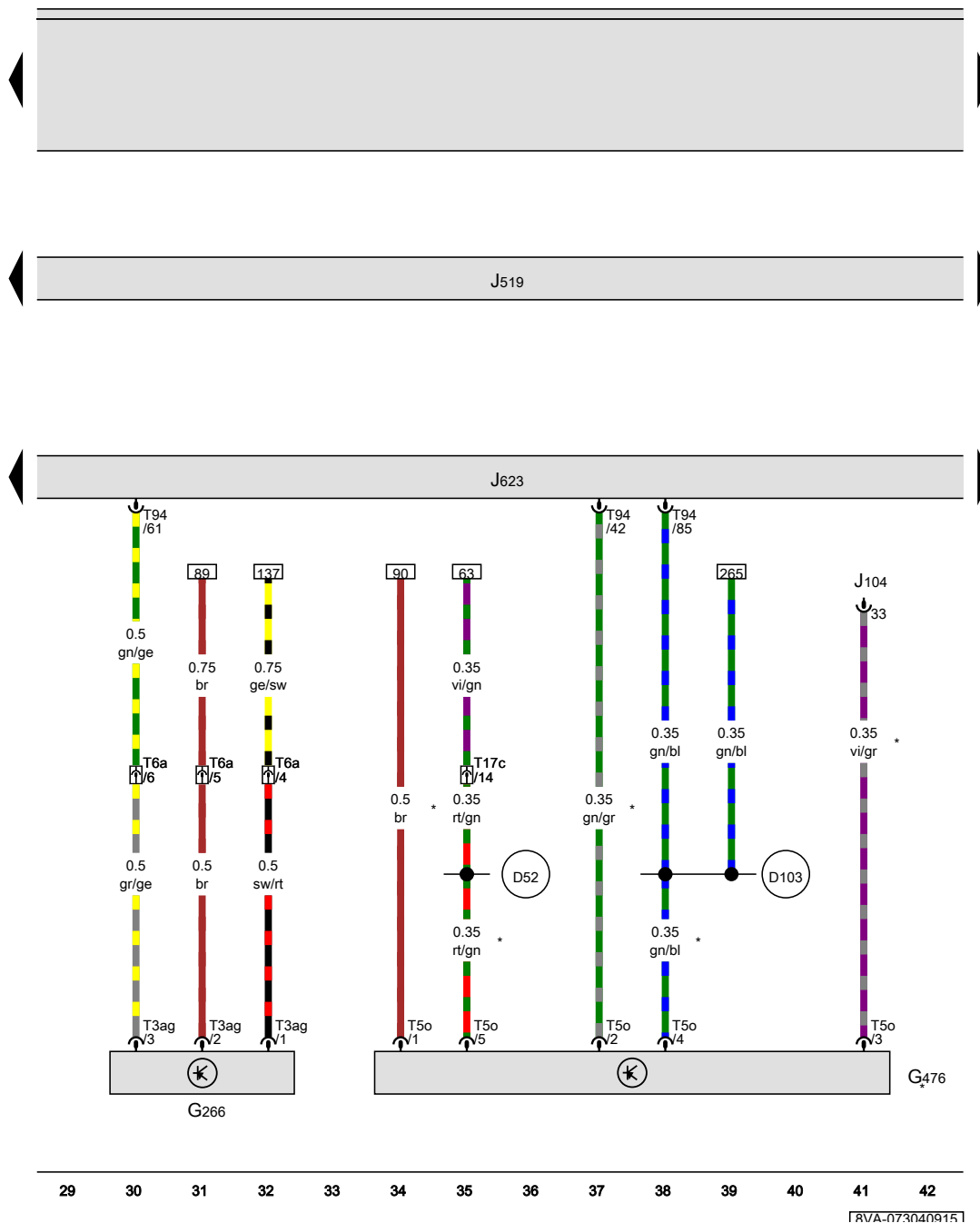
Oil level and oil temperature sender, Clutch position sender, Onboard supply control unit, Engine control unit

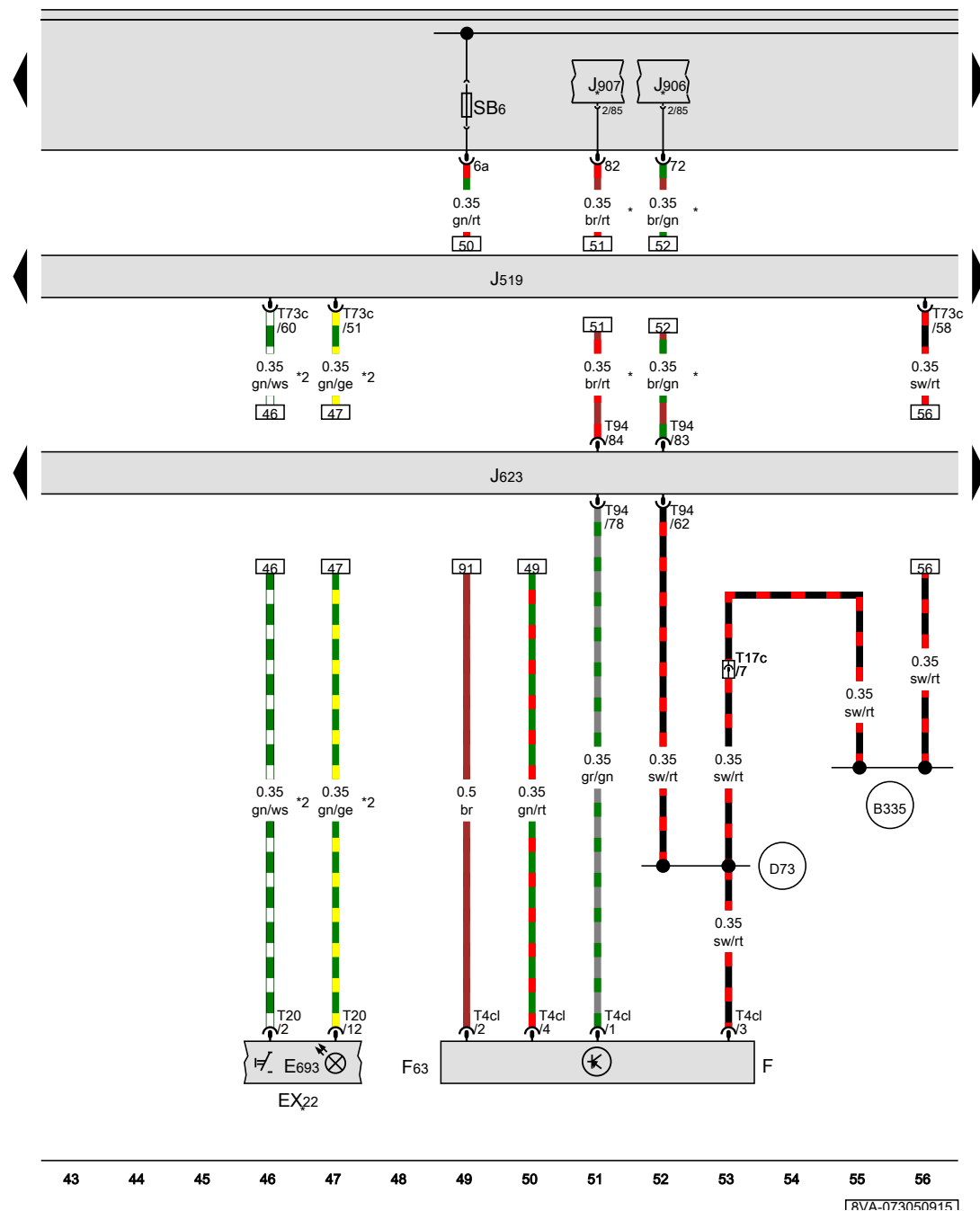
- G266 Oil level and oil temperature sender
- G476 Clutch position sender
- J104 ABS control unit
- J519 Onboard supply control unit
- J623 Engine control unit
- T3ag 3-pin connector, black
- T5o 5-pin connector, black
- T6a 6-pin connector
- T17c 17-pin connector
- T94 94-pin connector

D52 Positive connection (15a), in engine compartment wiring harness

D103 Connection 3 in engine compartment wiring harness

* Only models with manual gearbox





Centre switch module in dash panel, Brake light switch, Brake pedal switch, Onboard supply control unit, Engine control unit

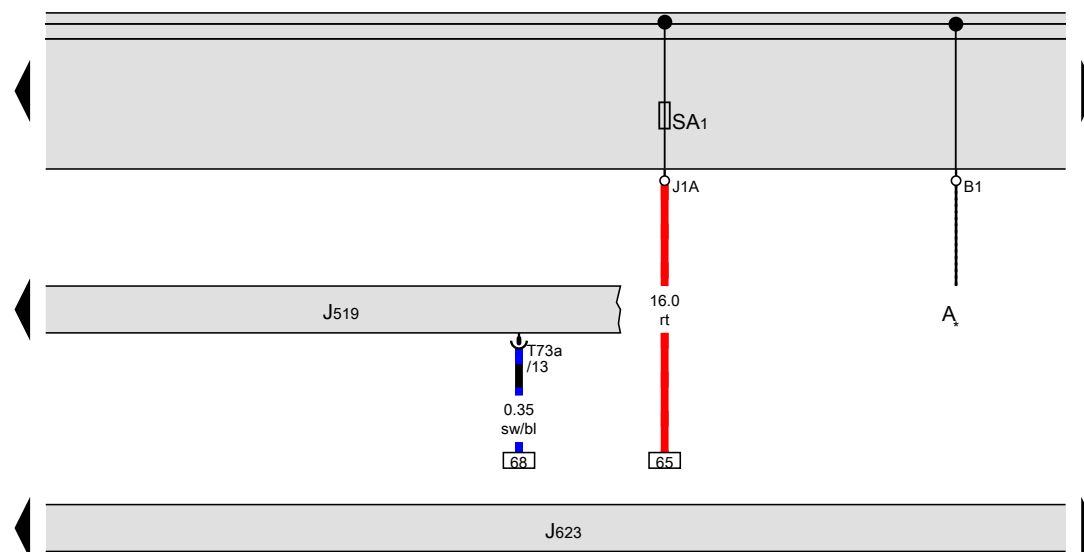
- EX22 Centre switch module in dash panel
- E693 Start/Stop operation button
- F Brake light switch
- F63 Brake pedal switch
- J519 Onboard supply control unit
- J623 Engine control unit
- J906 Starter relay 1
- J907 Starter relay 2
- SB6 Fuse 6 on fuse holder B
- T4cl 4-pin connector, black
- T17c 17-pin connector
- T20 20-pin connector
- T73c 73-pin connector
- T94 94-pin connector

B335 Connection 1 (54), in main wiring harness

D73 Positive connection (54), in engine compartment wiring harness

* see applicable current flow diagram for battery in engine compartment

*2 Only models with start/stop system



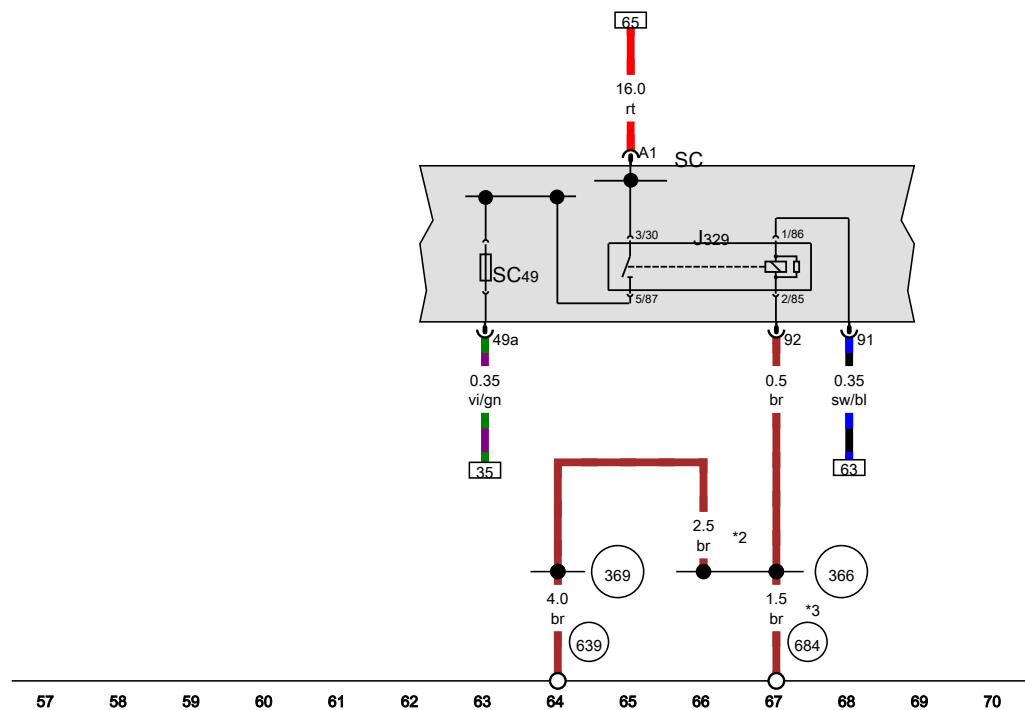
Terminal 15 voltage supply relay, Onboard supply control unit, Engine control unit, Fuse holder C

- A Battery
- J329 Terminal 15 voltage supply relay
- J519 Onboard supply control unit
- J623 Engine control unit
- SA1 Fuse 1 in fuse holder A
- SC Fuse holder C
- SC49 Fuse 49 on fuse holder C
- T73a 73-pin connector
- 366 Earth connection 1, in main wiring harness
- 369 Earth connection 4, in main wiring harness
- 639 Earth point, left A-pillar
- 684 Earth point on front of left side member

* see applicable current flow diagram for battery in engine compartment

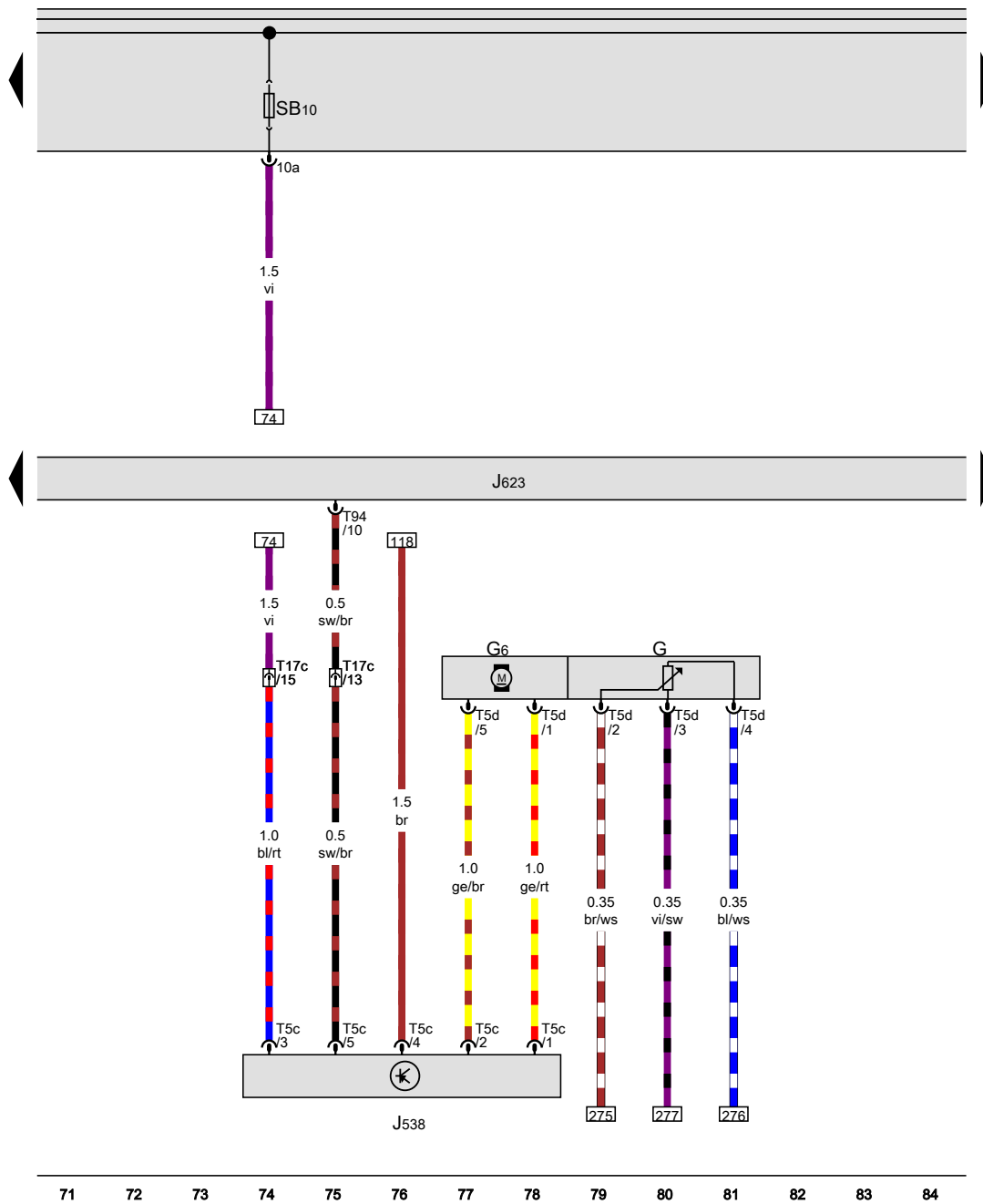
*2 Only left-hand drive models

*3 Only right-hand drive models



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- gn = green
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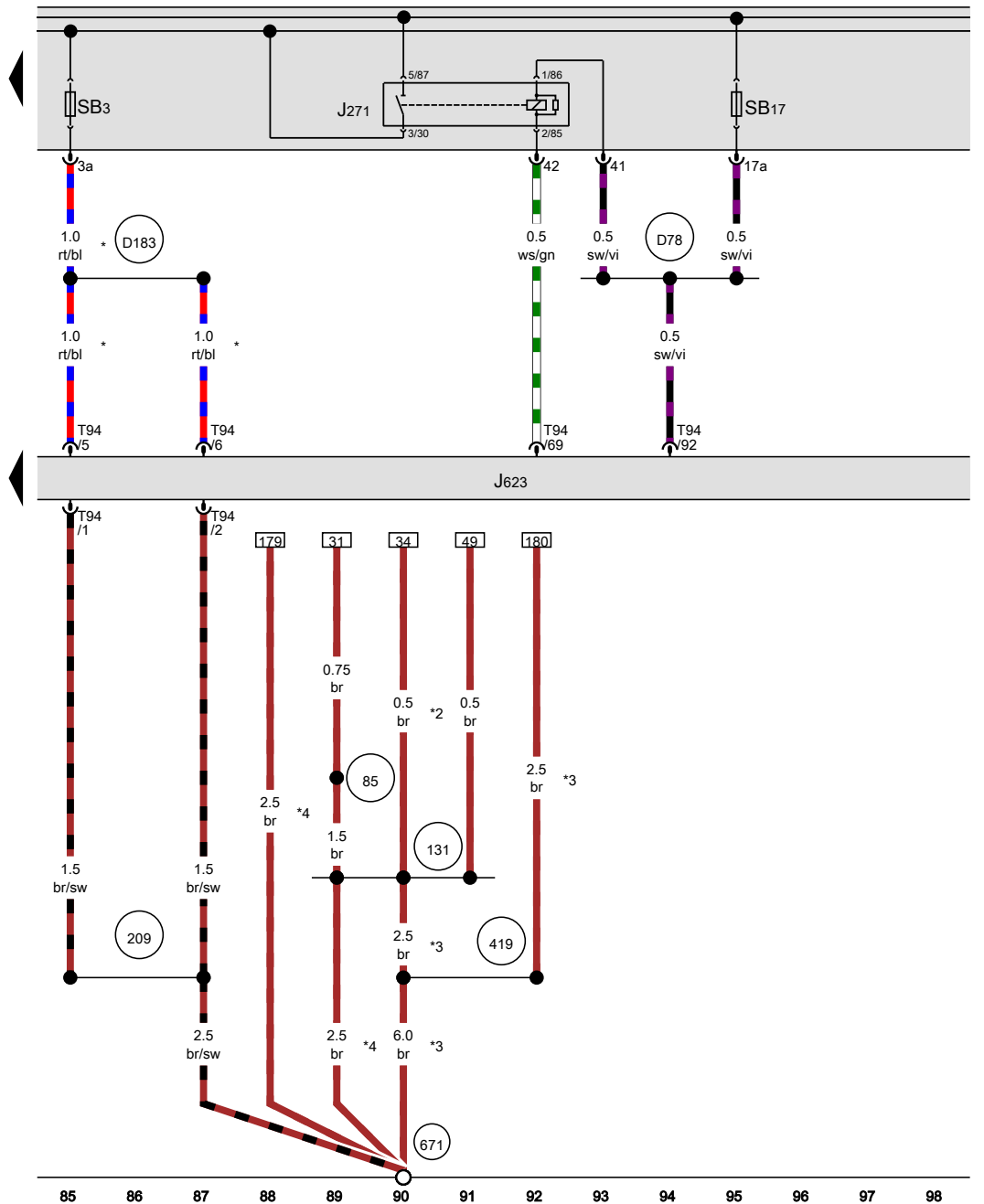
18V A-073060915



Fuel gauge sender, Fuel system pressurisation pump,
Engine control unit

- G Fuel gauge sender
- G6 Fuel system pressurisation pump
- J538 Fuel pump control unit
- J623 Engine control unit
- SB10 Fuse 10 on fuse holder B
- T5c 5-pin connector
- T5d 5-pin connector
- T17c 17-pin connector
- T94 94-pin connector

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Main relay, Engine control unit

- J271 Main relay
- J623 Engine control unit
- SB3 Fuse 3 on fuse holder B
- SB17 Fuse 17 on fuse holder B
- T94 94-pin connector

- 85 Earth connection 1, in engine compartment wiring harness
- 131 Earth connection 2, in engine compartment wiring harness
- 209 Earth connection 6, in engine compartment wiring harness
- 419 Earth connection 11, in engine compartment wiring harness
- 671 Earth point 1, on front of left longitudinal member
- D78 Positive connection 1 (30a), in engine compartment wiring harness
- D183 Connection 4 (87a) in engine compartment wiring harness

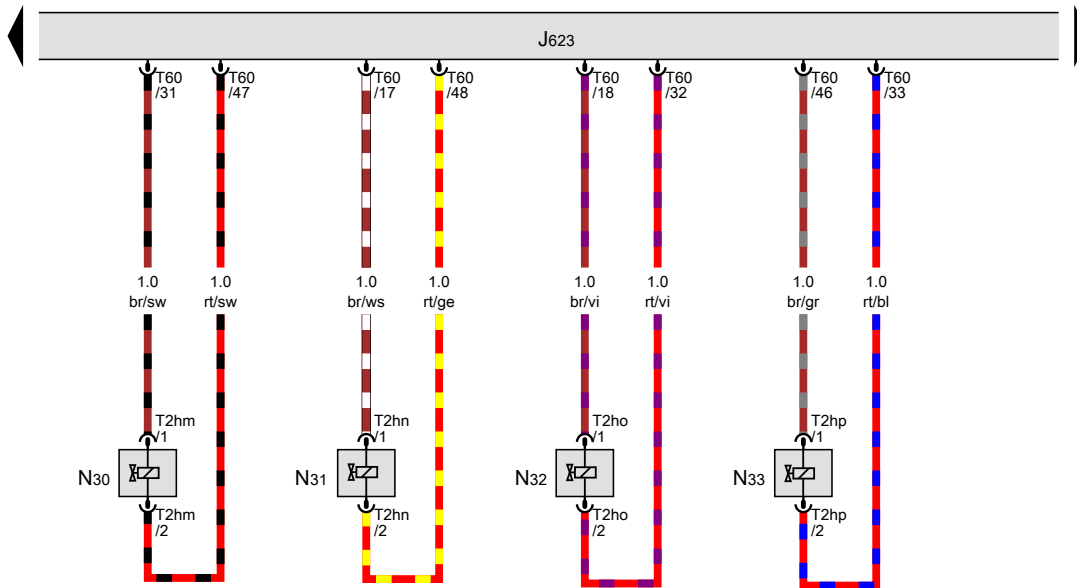
- * Wiring colour depends on equipment
- *2 Only models with manual gearbox
- *3 gradual introduction
- *4 Gradually discontinued

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 vi = purple
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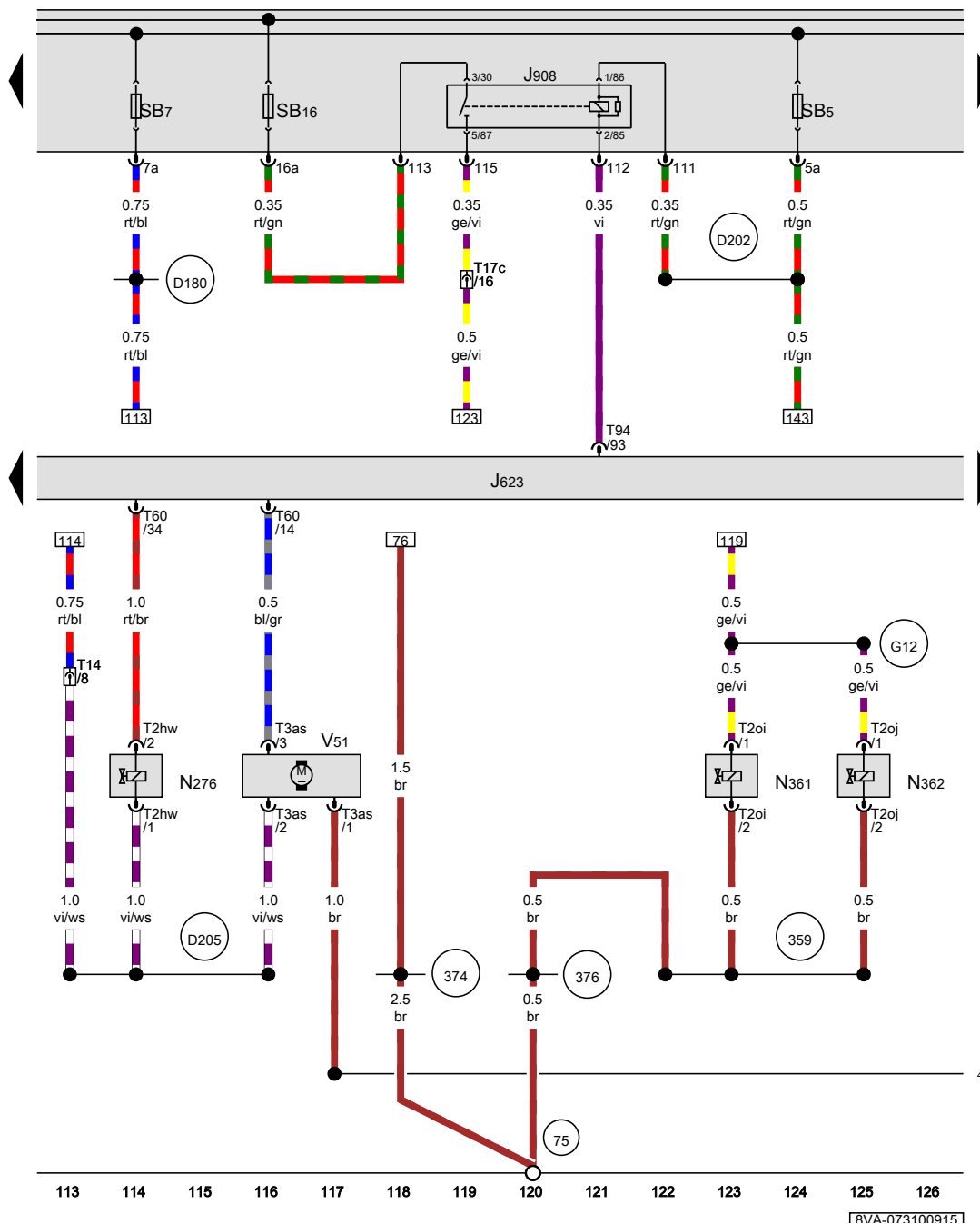
[AVB-073080915]

Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

- J623 Engine control unit
- N30 Injector, cylinder 1
- N31 Injector, cylinder 2
- N32 Injector, cylinder 3
- N33 Injector, cylinder 4
- T2hm 2-pin connector, black
- T2hn 2-pin connector, black
- T2ho 2-pin connector, black
- T2hp 2-pin connector, black
- T60 60-pin connector



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Engine control unit, Fuel pressure regulating valve, Fuel tank shut-off valve 1, Fuel tank shut-off valve 2, Continued coolant circulation pump

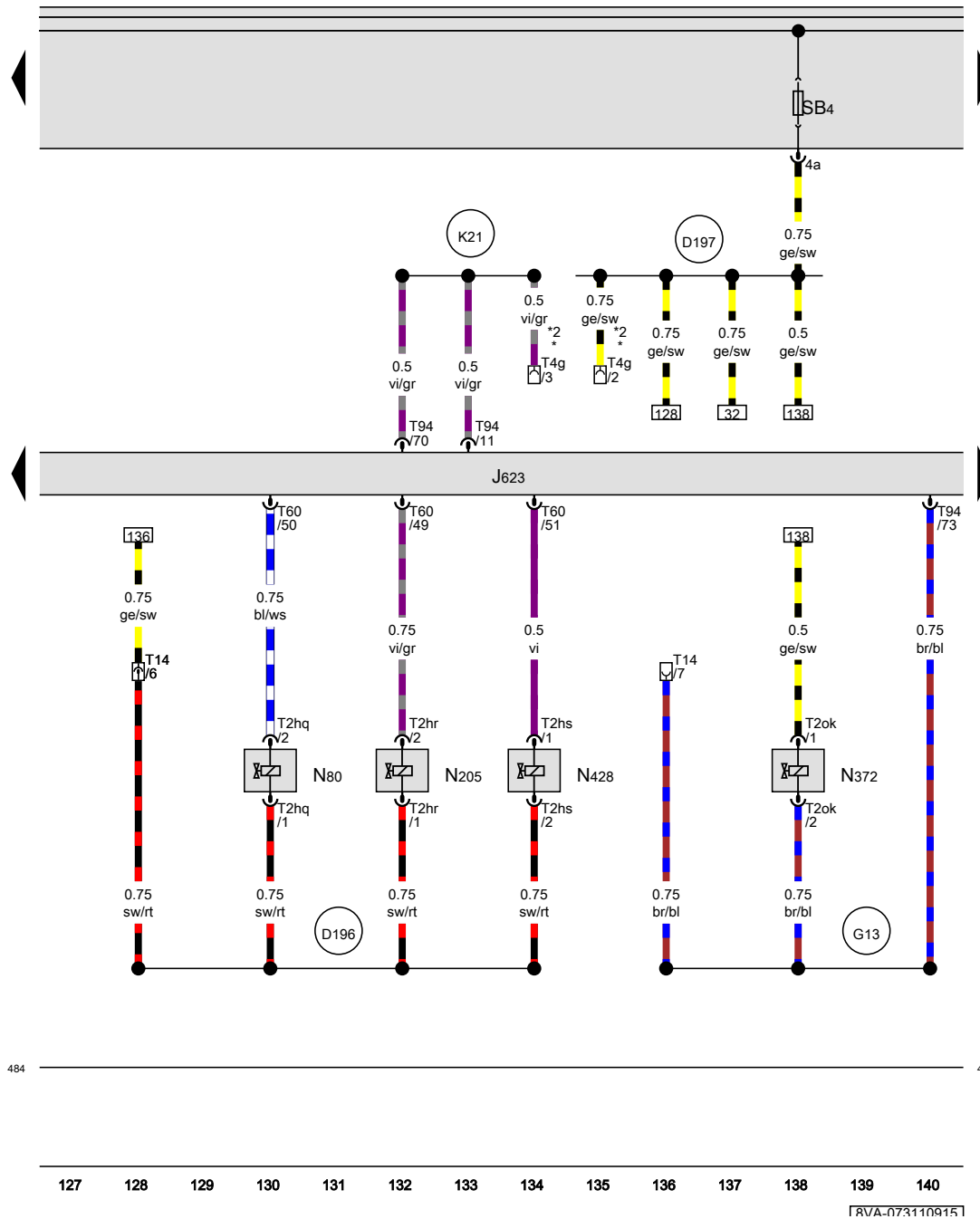
- J623 Engine control unit
- J908 Relay for gas shut-off valves
- N276 Fuel pressure regulating valve
- N361 Fuel tank shut-off valve 1
- N362 Fuel tank shut-off valve 2
- SB5 Fuse 5 on fuse holder B
- SB7 Fuse 7 on fuse holder B
- SB16 Fuse 16 on fuse holder B
- T2hw 2-pin connector, black
- T2oi 2-pin connector
- T2oj 2-pin connector, black
- T3as 3-pin connector, black
- T14 14-pin connector, near front left longitudinal member
- T17c 17-pin connector
- T60 60-pin connector
- T94 94-pin connector
- V51 Continued coolant circulation pump

- 75 Earth point, rear right pillar
- 359 Earth connection, in gas mode wiring harness
- 374 Earth connection 9, in main wiring harness
- 376 Earth connection 11, in main wiring harness
- 484 Earth connection 2 (ignition coils), in engine prewiring harness
- D180 Connection (87a), in engine compartment wiring harness
- D202 Connection 6 (87a) in engine compartment wiring harness
- D205 Connection 3 (87a) in engine prewiring harness
- G12 Connection 1 in gas mode wiring harness

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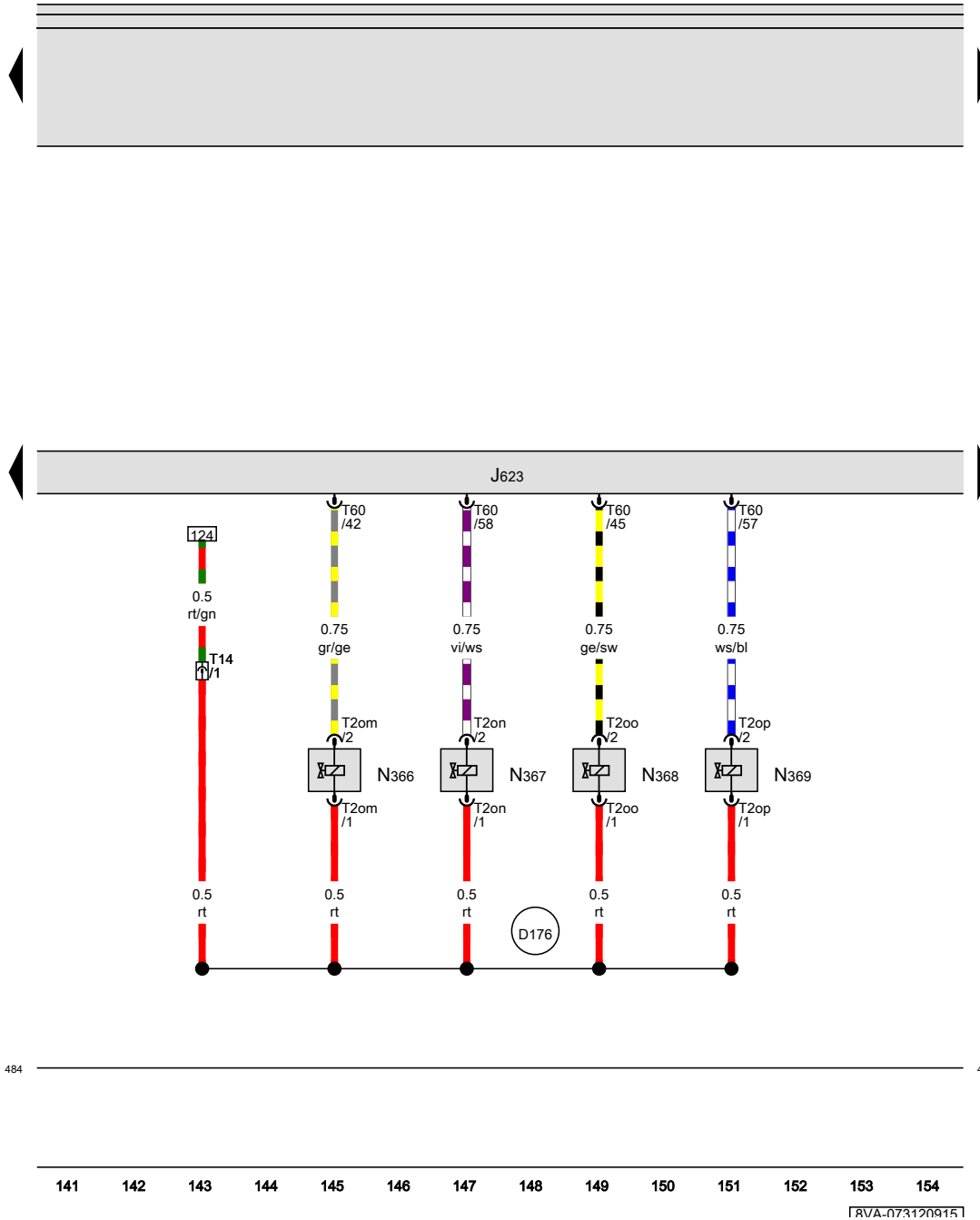
Engine control unit, Activated charcoal filter solenoid valve 1, Camshaft control valve 1, High-pressure valve for gas mode, Valve for oil pressure control

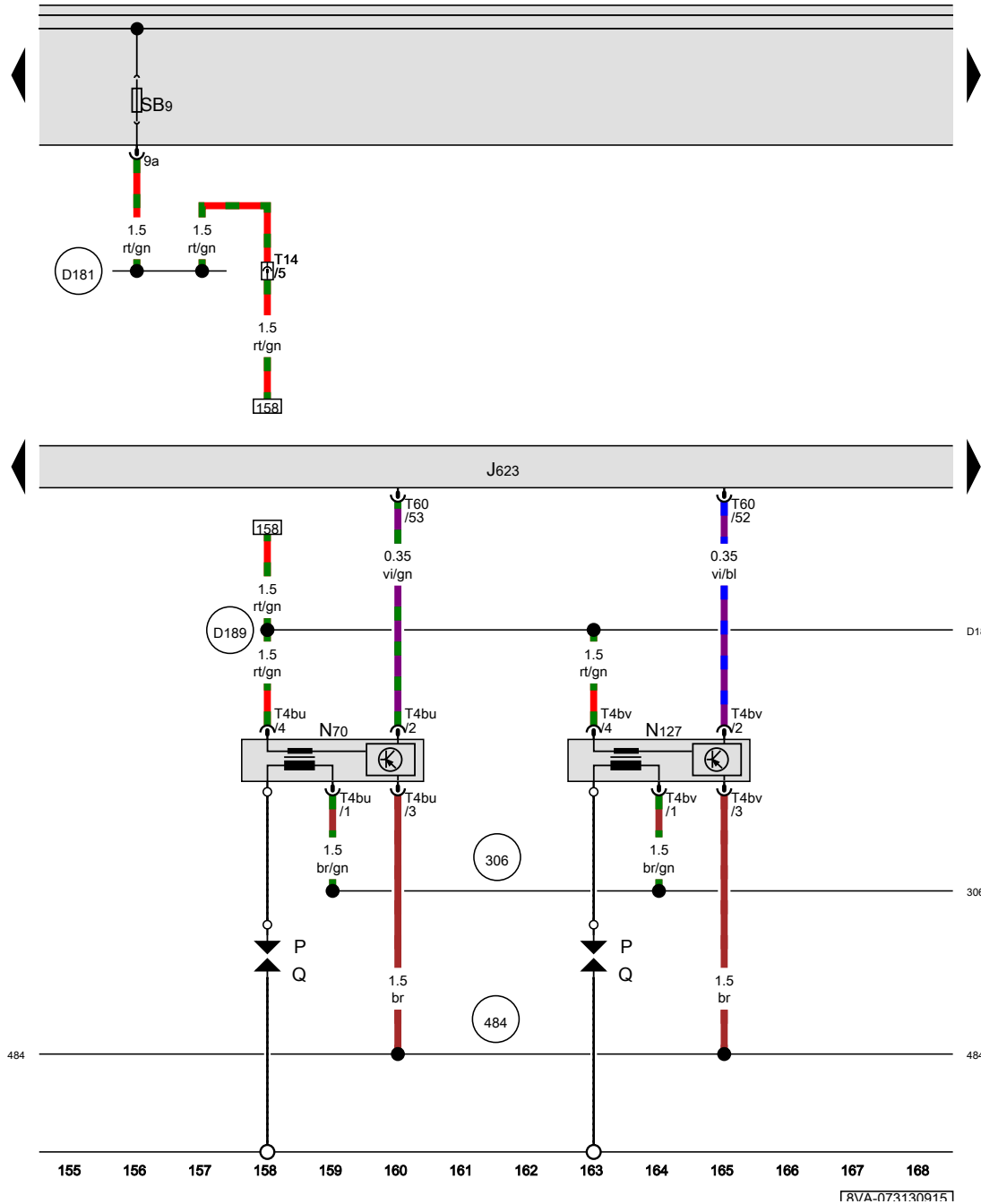
- J623 Engine control unit
- N80 Activated charcoal filter solenoid valve 1
- N205 Camshaft control valve 1
- N372 High-pressure valve for gas mode
- N428 Valve for oil pressure control
- SB4 Fuse 4 on fuse holder B
- T2hq 2-pin connector, black
- T2hr 2-pin connector, black
- T2ok 2-pin connector, black
- T4g 4-pin connector
- T14 14-pin connector, near front left longitudinal member
- T60 60-pin connector
- T94 94-pin connector
- 484 Earth connection 2 (ignition coils), in engine prewiring harness
- D196 Connection 2 (87a) in engine prewiring harness
- D197 Connection 5 (87a) in engine compartment wiring harness
- G13 Connection 2 in gas mode wiring harness
- K21 Connection 1, in radiator fan wiring harness
- * Radiator fan connection
- *2 see applicable current flow diagram for radiator fan



Engine control unit, Gas injection valve 1, Gas injection valve 2, Gas injection valve 3, Gas injection valve 4

- J623 Engine control unit
- N366 Gas injection valve 1
- N367 Gas injection valve 2
- N368 Gas injection valve 3
- N369 Gas injection valve 4
- T2om 2-pin connector, black
- T2on 2-pin connector, black
- T2oo 2-pin connector, black
- T2op 2-pin connector, black
- T14 14-pin connector, near front left longitudinal member
- T60 60-pin connector
- 484 Earth connection 2 (ignition coils), in engine prewiring harness
- D176 Connection (gas injector), in engine compartment wiring harness





Engine control unit, Ignition coil 1 with output stage, Ignition coil 2 with output stage

- J623 Engine control unit
- N70 Ignition coil 1 with output stage
- N127 Ignition coil 2 with output stage
- P Spark plug connector
- Q Spark plugs
- SB9 Fuse 9 on fuse holder B
- T4bu 4-pin connector, black
- T4bv 4-pin connector, black
- T14 14-pin connector, near front left longitudinal member
- T60 60-pin connector
- 306 Earth connection (ignition coils), in engine prewiring harness
- 484 Earth connection 2 (ignition coils), in engine prewiring harness
- D181 Connection 2 (87a) in engine compartment wiring harness
- D189 Connection (87a) in engine prewiring harness

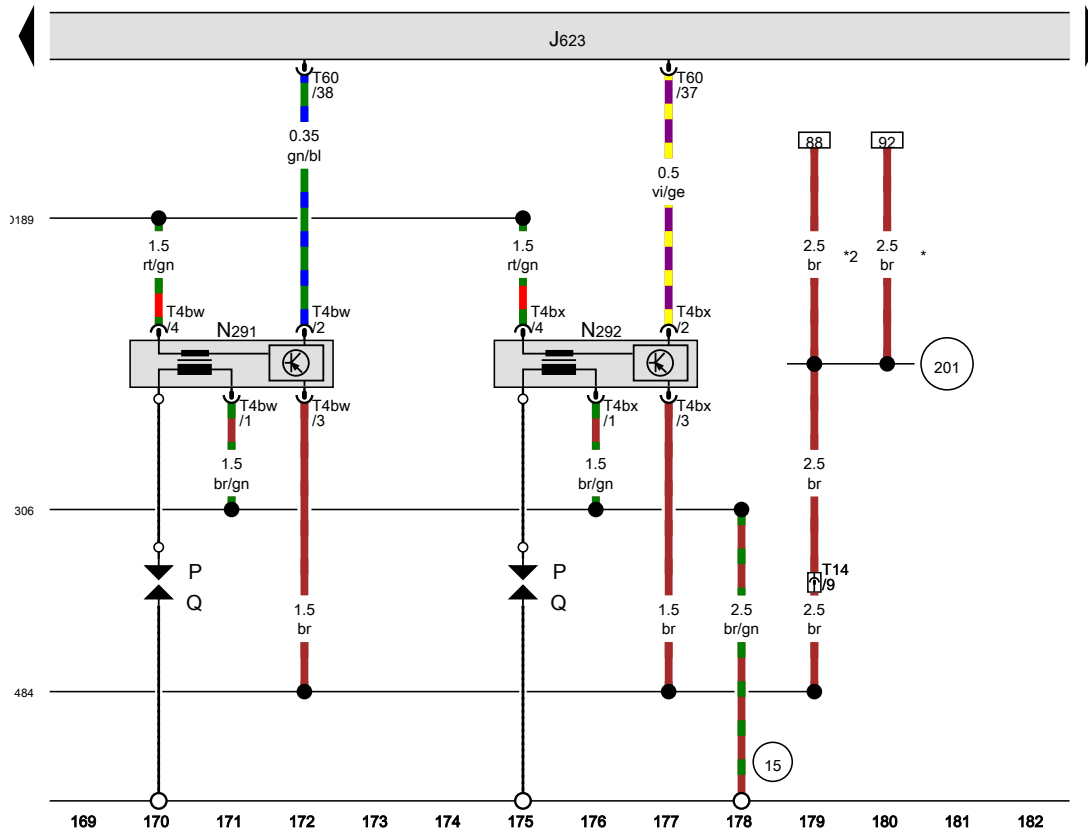
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Engine control unit, Ignition coil 3 with output stage, Ignition coil 4 with output stage

- J623 Engine control unit
- N291 Ignition coil 3 with output stage
- N292 Ignition coil 4 with output stage
- P Spark plug connector
- Q Spark plugs
- T4bw 4-pin connector, black
- T4bx 4-pin connector, black
- T14 14-pin connector, near front left longitudinal member
- T60 60-pin connector

- 15 Earth point, on cylinder head
- 201 Earth connection 5, in engine compartment wiring harness
- 306 Earth connection (ignition coils), in engine prewiring harness
- 484 Earth connection 2 (ignition coils), in engine prewiring harness
- D189 Connection (87a) in engine prewiring harness

- * gradual introduction
- *2 Gradually discontinued



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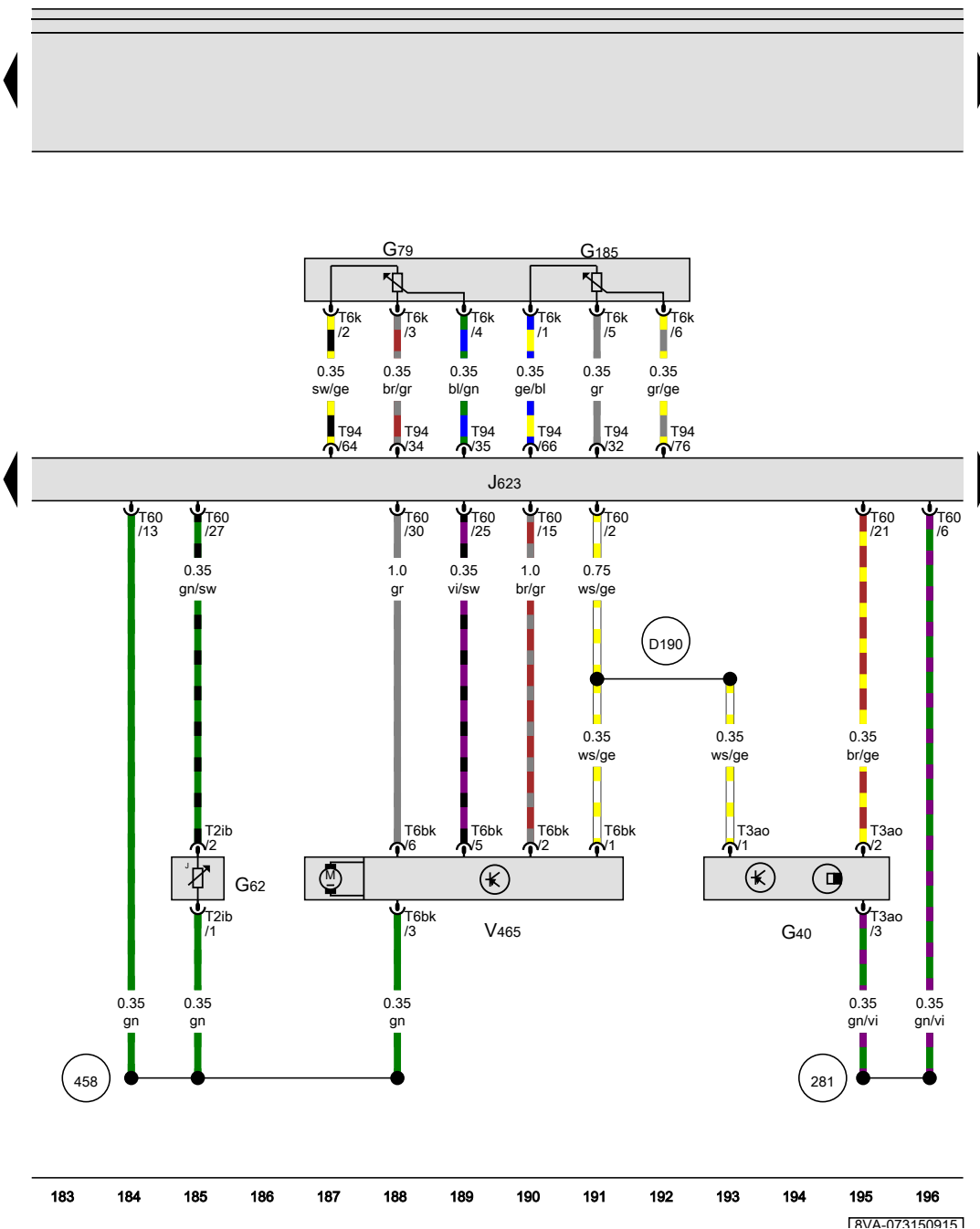
Hall sender, Coolant temperature sender, Accelerator position sender, Accelerator position sender 2, Engine control unit, Charge pressure positioner

- G40 Hall sender
- G62 Coolant temperature sender
- G79 Accelerator position sender
- G185 Accelerator position sender 2
- J623 Engine control unit
- T2ib 2-pin connector, black
- T3ao 3-pin connector, black
- T6bk 6-pin connector, grey
- T6k 6-pin connector
- T60 60-pin connector
- T94 94-pin connector
- V465 Charge pressure positioner

281 Earth point 1, engine prewiring harness

458 Earth point 3, engine prewiring harness

D190 Connection 3 (5V) in engine prewiring harness



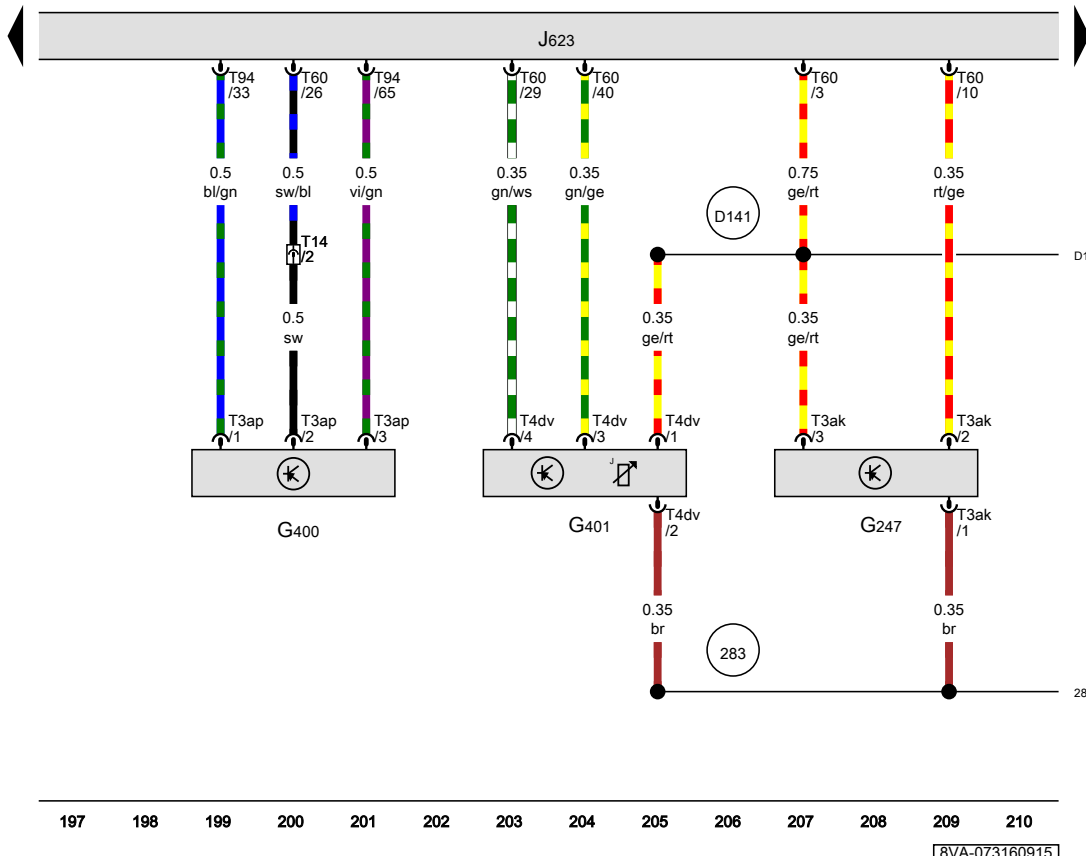
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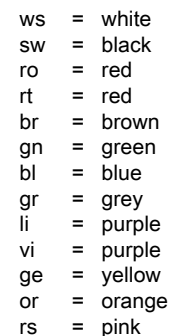
Fuel pressure sender, Tank pressure sensor, Gas rail sensor, Engine control unit

- G247 Fuel pressure sender
- G400 Tank pressure sensor
- G401 Gas rail sensor
- J623 Engine control unit
- T3ak 3-pin connector, black
- T3ap 3-pin connector, black
- T4dv 4-pin connector, black
- T14 14-pin connector
- T60 60-pin connector
- T94 94-pin connector

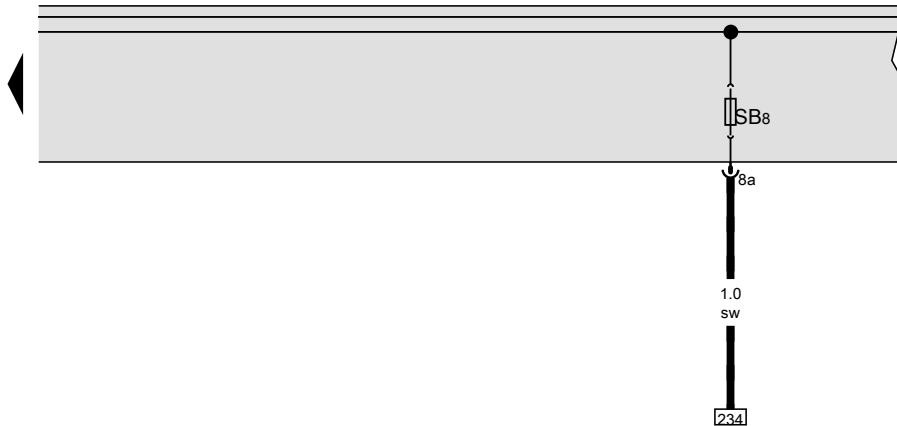
283 Earth point 2, engine prewiring harness

D141 Connection (5V) in engine prewiring harness



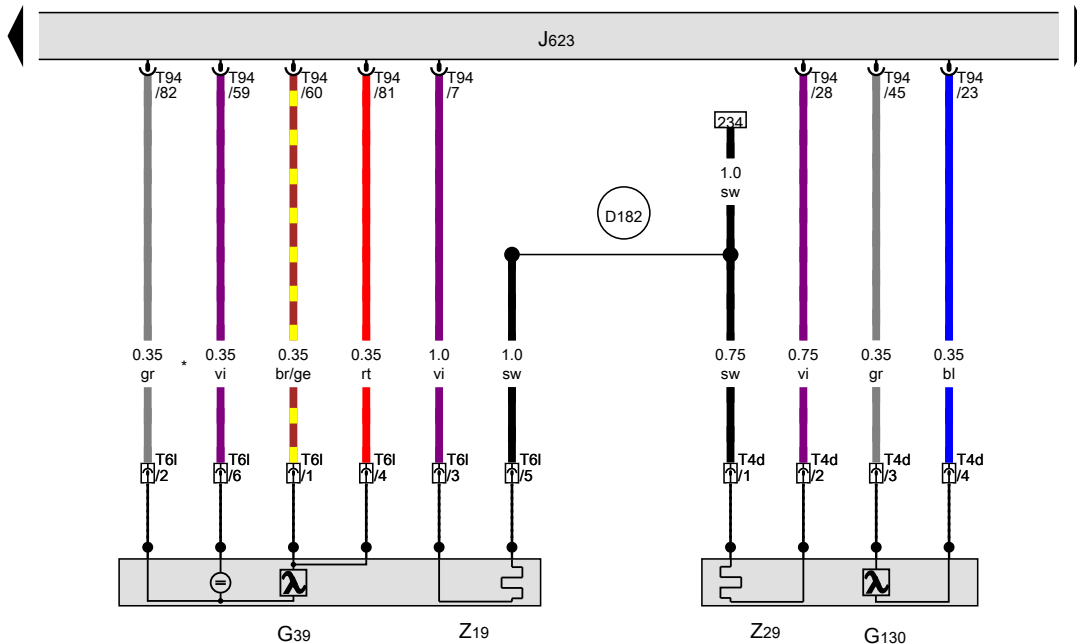


(D174) Connection 2 (5V) in engine prewiring harness



Lambda probe, Lambda probe after catalytic converter, Engine control unit, Lambda probe heater, Lambda probe 1 heater after catalytic converter

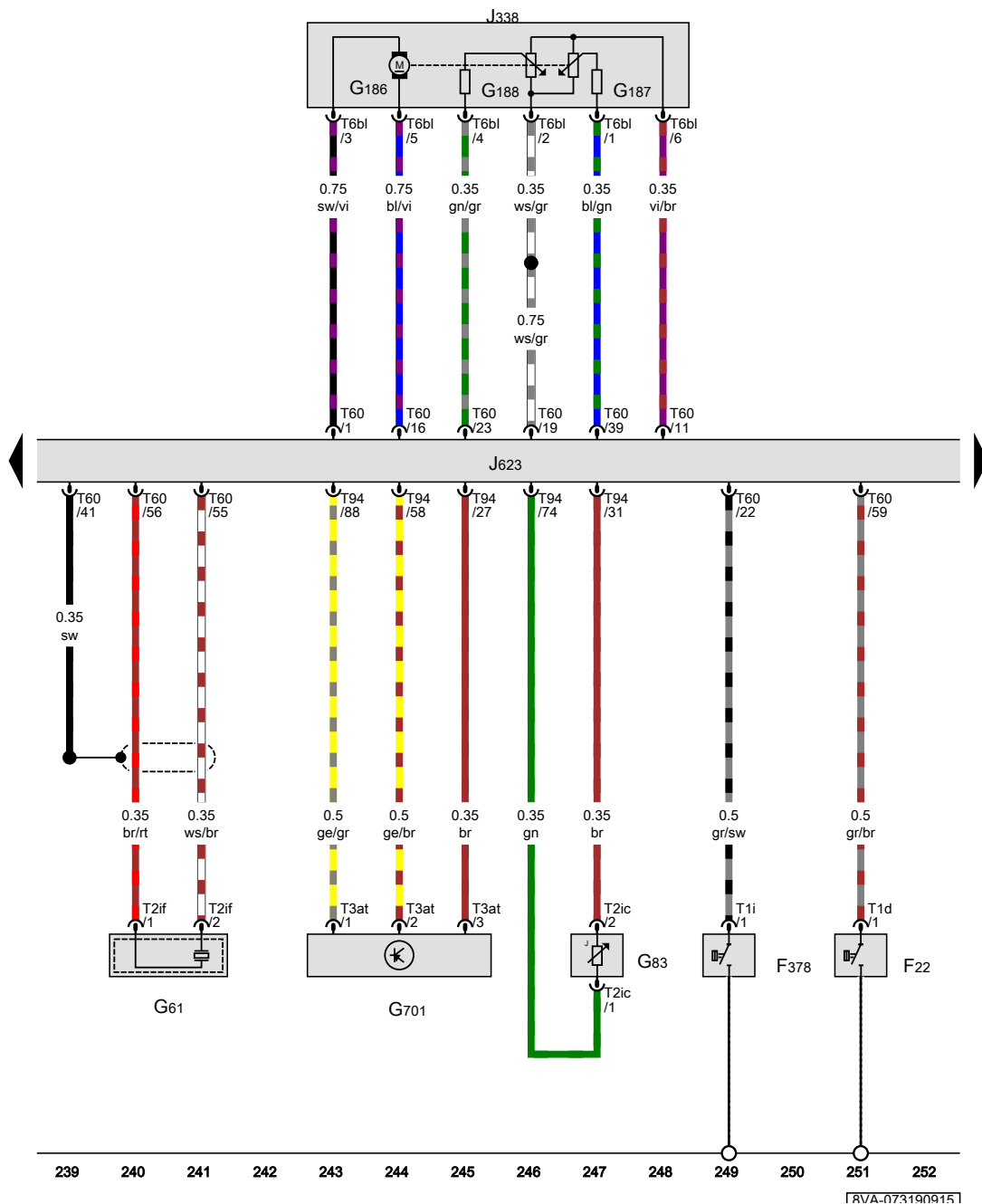
- G39 Lambda probe
- G130 Lambda probe after catalytic converter
- J623 Engine control unit
- SB8 Fuse 8 on fuse holder B
- T4d 4-pin connector
- T6l 6-pin connector, black
- T94 94-pin connector
- Z19 Lambda probe heater
- Z29 Lambda probe 1 heater after catalytic converter
- D182 Connection 3 (87a) in engine compartment wiring harness
- * Wiring colour depends on equipment



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225 226 227 228 229 230 231 232 233 234 235 236 237 238

18V A-073180915



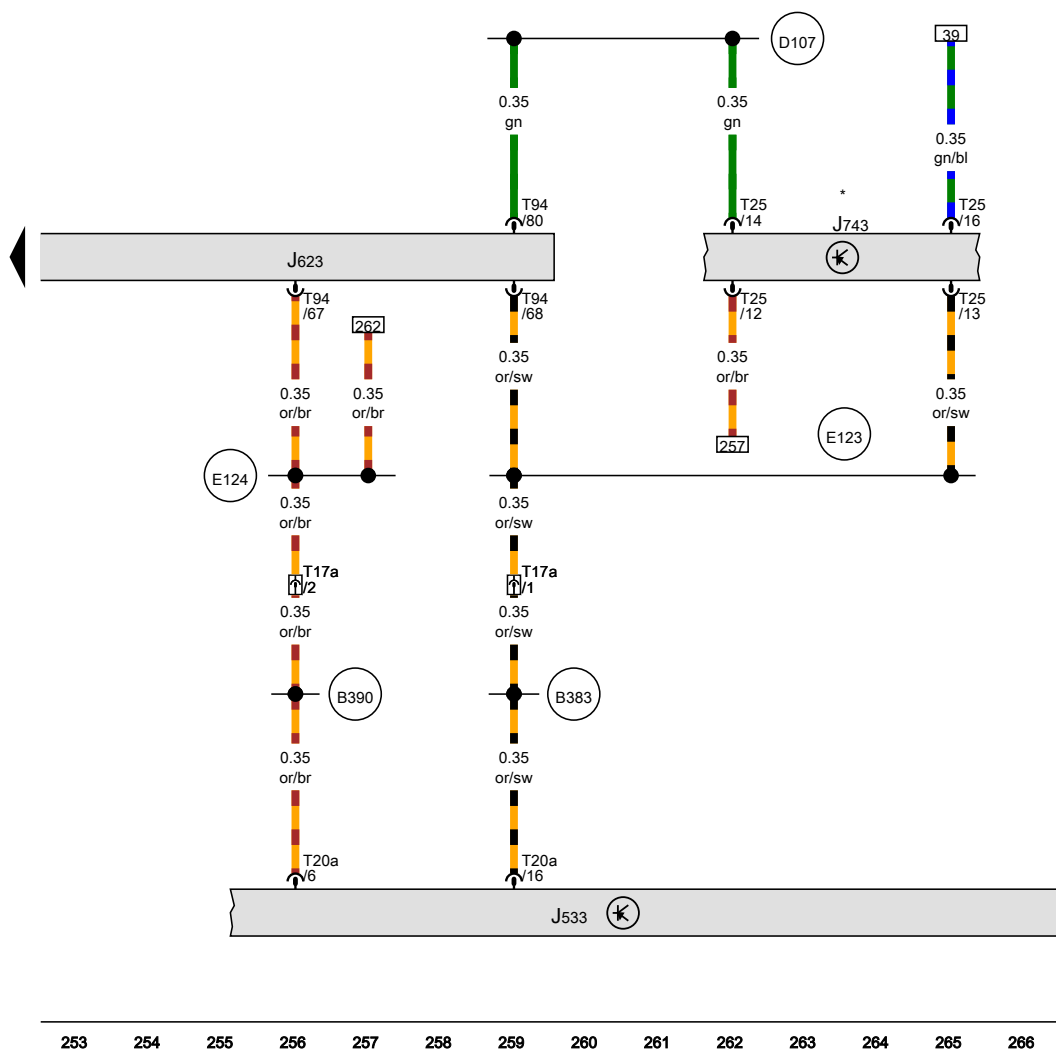
Oil pressure switch, Oil pressure switch for reduced oil pressure, Knock sensor 1, Radiator outlet coolant temperature sender, Gearbox neutral position sender, Throttle valve module, Engine control unit

- F22 Oil pressure switch
- F378 Oil pressure switch for reduced oil pressure
- G61 Knock sensor 1
- G83 Radiator outlet coolant temperature sender
- G186 Throttle valve drive for electric throttle
- G187 Throttle valve drive angle sender 1 for electric throttle
- G188 Throttle valve drive angle sender 2 for electric throttle
- G701 Gearbox neutral position sender
- J338 Throttle valve module
- J623 Engine control unit
- T1d Single connector, black
- T1i Single connector, black
- T2ic 2-pin connector, black
- T2if 2-pin connector, black
- T3at 3-pin connector, black
- T6bl 6-pin connector, black
- T60 60-pin connector
- T94 94-pin connector

Data bus diagnostic interface, Engine control unit, Mechatronic unit for dual clutch gearbox

- J533 Data bus diagnostic interface
- J623 Engine control unit
- J743 Mechatronic unit for dual clutch gearbox
- T17a 17-pin connector
- T20a 20-pin connector
- T25 25-pin connector
- T94 94-pin connector

- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- D107 Connection 5 in engine compartment wiring harness
- E123 Connection 1 (powertrain CAN bus, high), in engine wiring harness
- E124 Connection 1 (powertrain CAN bus, low), in engine wiring harness
- * see applicable current flow diagram for dual clutch gearbox



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Control unit in dash panel insert, Data bus diagnostic interface

J285 Control unit in dash panel insert
J533 Data bus diagnostic interface
T18 18-pin connector
T20a 20-pin connector

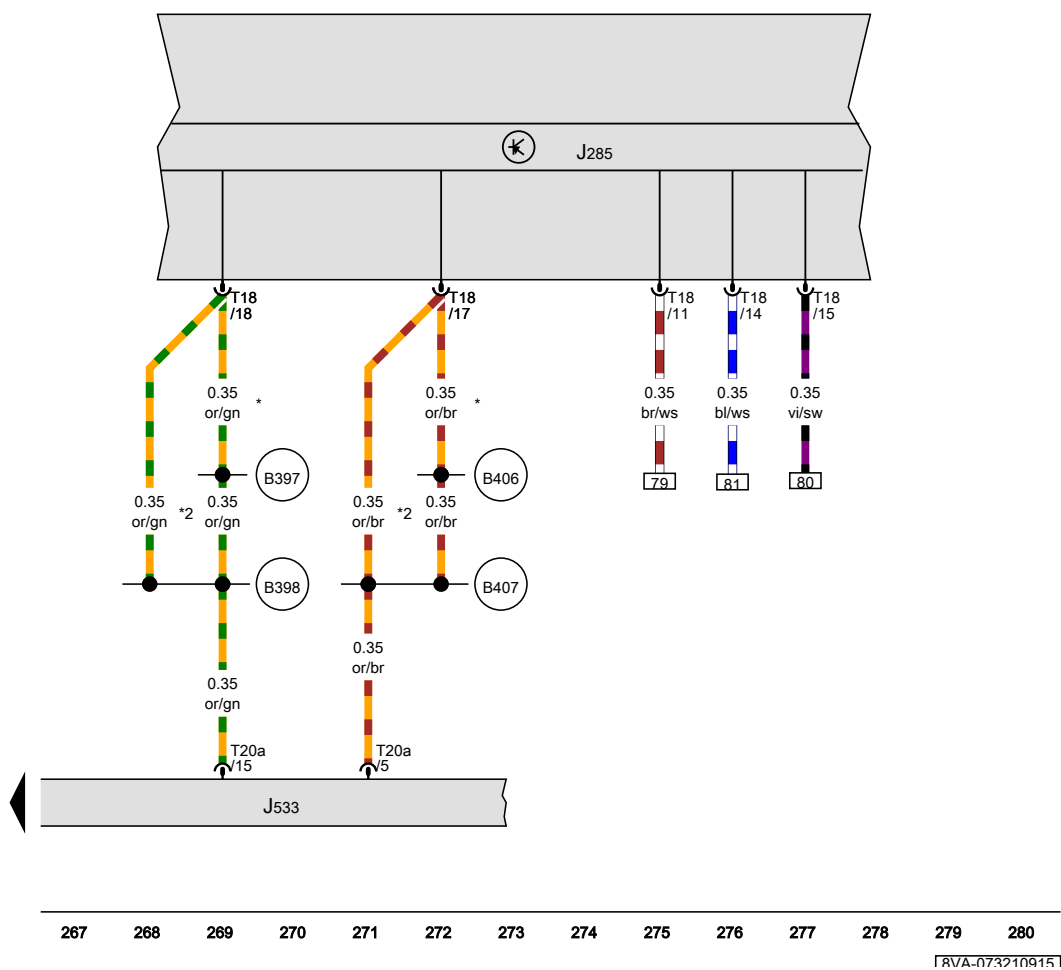
B397 Connection 1 (convenience CAN bus, high), in main wiring harness

B398 Connection 2 (convenience CAN bus, high), in main wiring harness

B406 Connection 1 (convenience CAN bus, low), in main wiring harness

B407 Connection 2 (convenience CAN bus, low), in main wiring harness

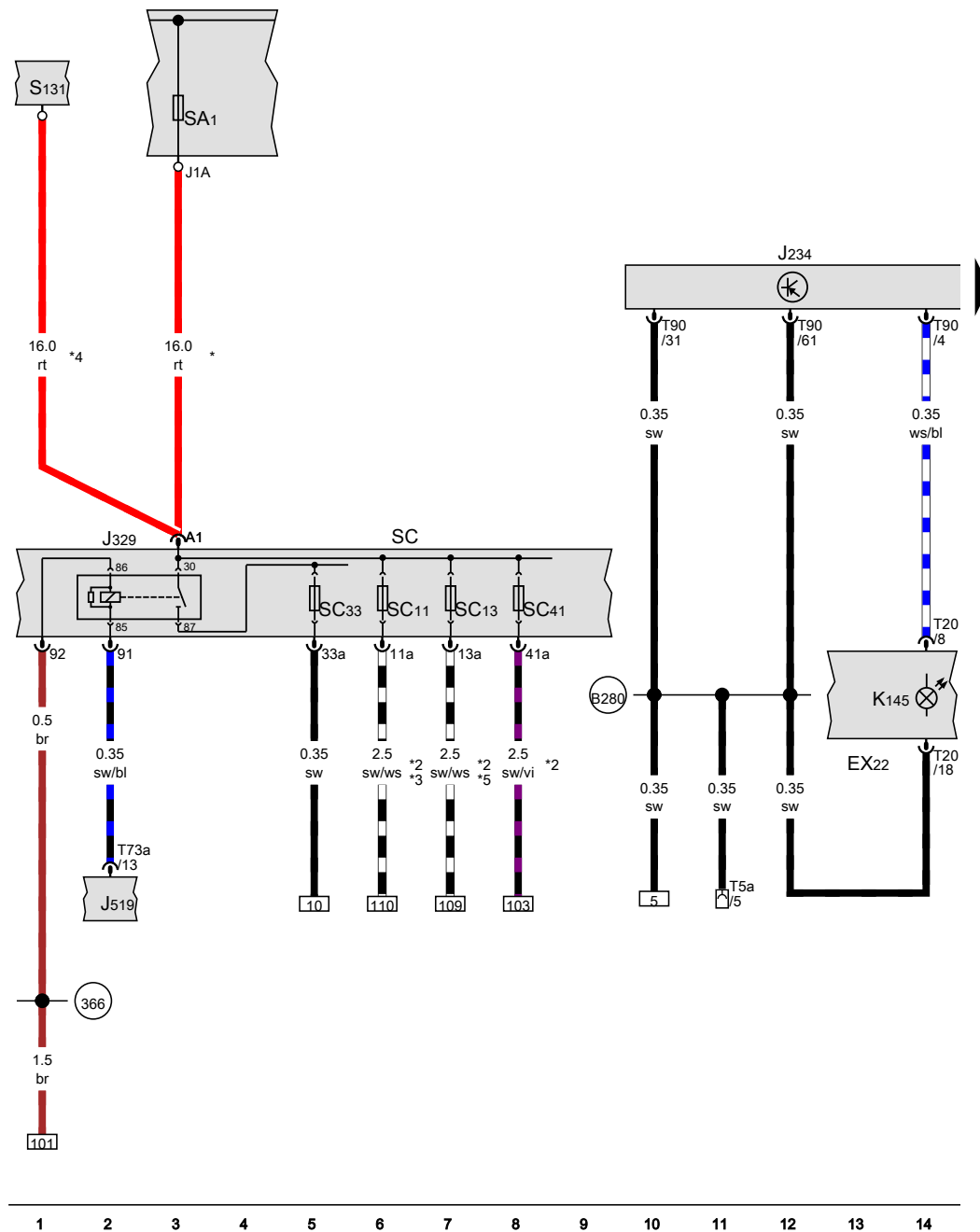
* Only left-hand drive models
*2 Only right-hand drive models



Airbag systems for RHD vehicles , (L0R)

From May 2013

Centre switch module in dash panel, Airbag control unit, Terminal 15 voltage supply relay, Warning lamp for airbag deactivated on front passenger side, Fuse holder C



- EX22 Centre switch module in dash panel
- J234 Airbag control unit
- J329 Terminal 15 voltage supply relay
- J519 Onboard supply control unit
- K145 Warning lamp for airbag deactivated on front passenger side
- SA1 Fuse 1 on fuse holder A
- SC Fuse holder C
- SC11 Fuse 11 on fuse holder C
- SC13 Fuse 13 on fuse holder C
- SC33 Fuse 33 on fuse holder C
- SC41 Fuse 41 on fuse holder C
- S131 Fuse 1
- T5a 5-pin connector
- T20 20-pin connector
- T73a 73-pin connector
- T90 90-pin connector

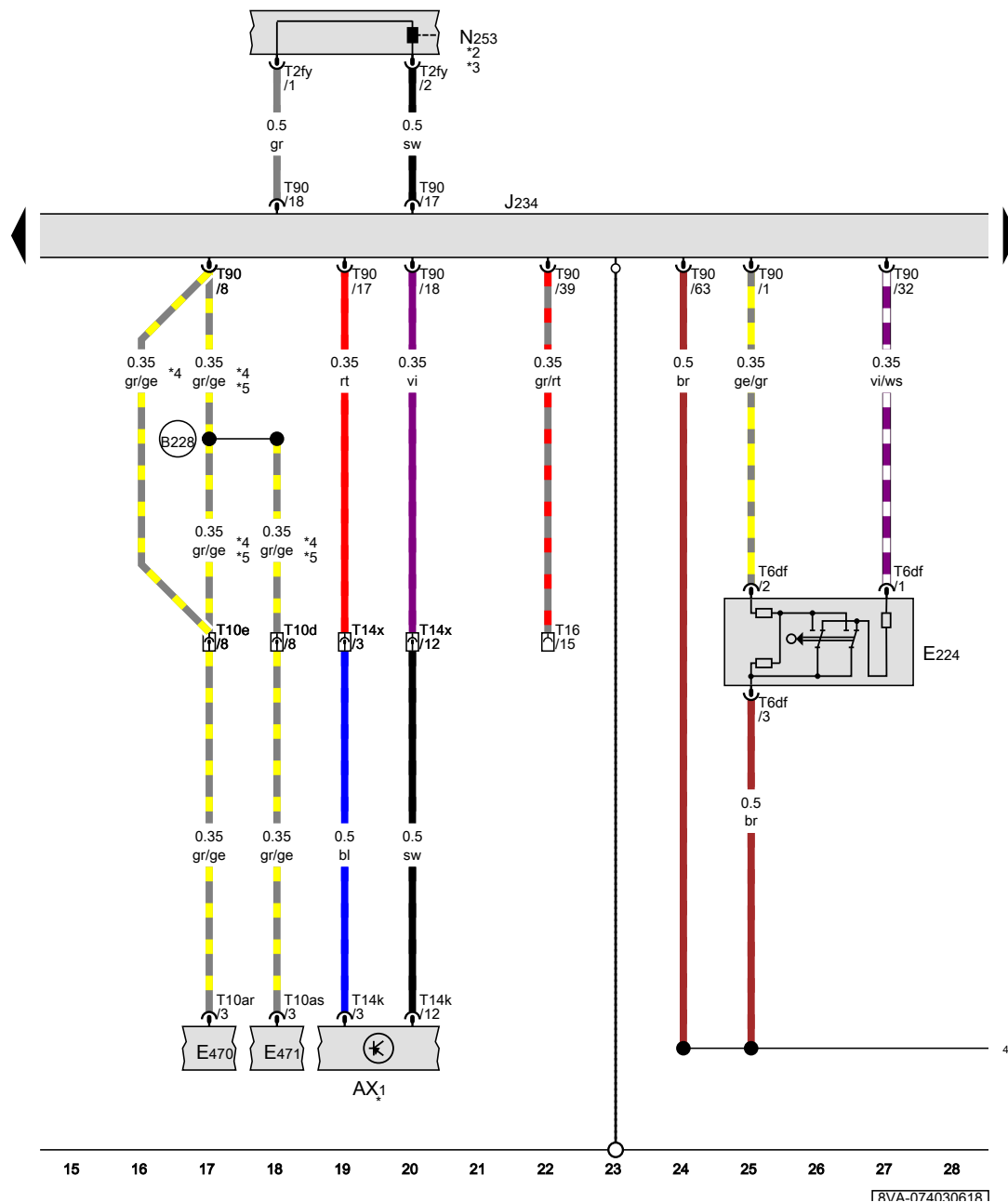
366 Earth connection 1, in main wiring harness

B280 Positive connection 4 (15a) in main wiring harness

- * Not for RS 3 models
- *2 According to equipment
- *3 Up to April 2017
- *4 For RS 3 models
- *5 From May 2017

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Key operated switch to deactivate airbag on front passenger side, Airbag control unit, Battery isolation igniter



- AX1 Hybrid battery unit
- E224 Key operated switch to deactivate airbag on front passenger side
- E470 Driver seat adjustment operating unit
- E471 Front passenger seat adjustment operating unit
- J234 Airbag control unit
- N253 Battery isolation igniter
- T2fy 2-pin connector
- T6df 6-pin connector
- T10ar 10-pin connector
- T10as 10-pin connector
- T10d 10-pin connector, in coupling point for front seat, left
- T10e 10-pin connector, in coupling point for front seat, right
- T14k 14-pin connector, black
- T14x 14-pin connector, on fuel gauge sender, black
- T16 16-pin connector
- T90 90-pin connector

475 Earth connection (airbag), in main wiring harness

B228 Connection (crash signal), in interior wiring harness

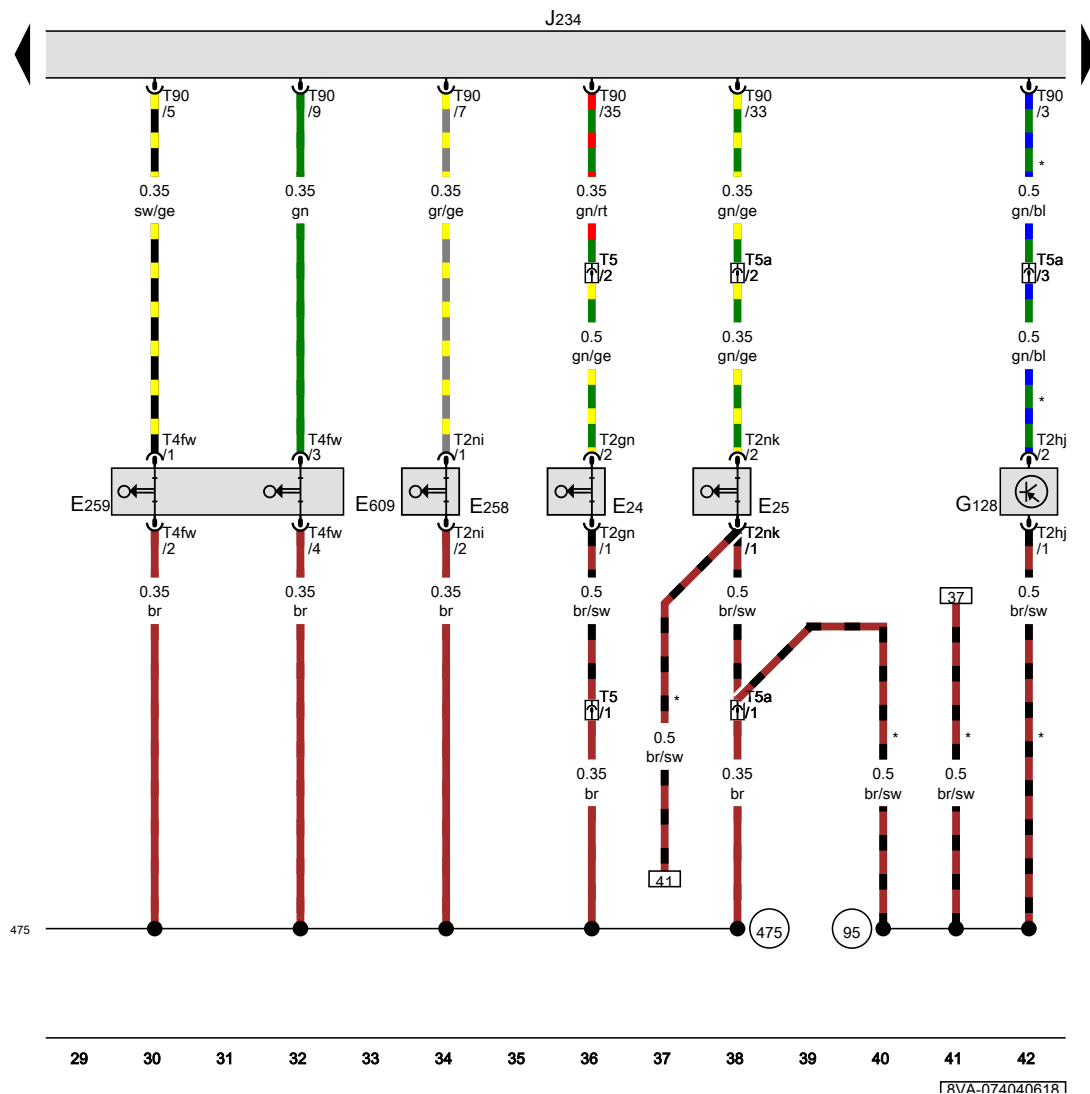
- * For models with hybrid drive system
- *2 For RS 3 models
- *3 see applicable current flow diagram for battery
- *4 For models with electric seat adjustment on driver side
- *5 For models with electric seat adjustment on passenger side

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 or = orange
 rs = pink

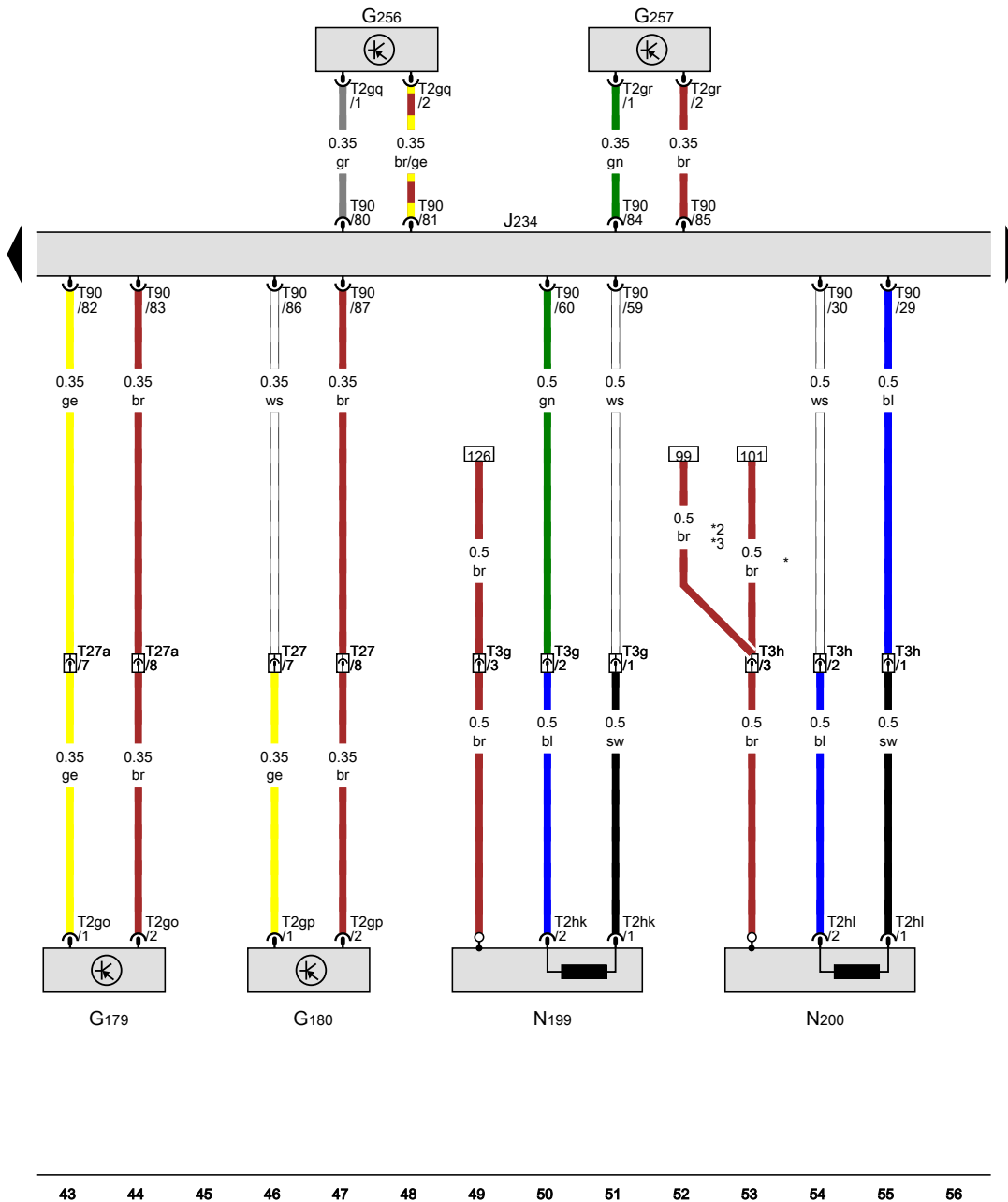
Driver side belt switch, Front passenger side belt switch, Rear belt switch, driver side, Rear belt switch, passenger side, Airbag control unit

- E24 Driver side belt switch
- E25 Front passenger side belt switch
- E258 Rear belt switch, driver side
- E259 Rear belt switch, passenger side
- E609 Rear centre belt switch
- G128 Seat occupied sensor, front passenger side
- J234 Airbag control unit
- T2gn 2-pin connector
- T2hj 2-pin connector
- T2ni 2-pin connector
- T2nk 2-pin connector
- T4fw 4-pin connector
- T5 5-pin connector
- T5a 5-pin connector
- T90 90-pin connector

- 95 Earth connection 1, in seat adjustment wiring harness
- 475 Earth connection (airbag), in main wiring harness
- * For models with seat occupied recognition



- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



Side airbag crash sensor on driver side, Side airbag crash sensor on front passenger side, Rear side airbag crash sensor on driver side, Rear side airbag crash sensor on passenger side, Airbag control unit, Side airbag igniter on driver side, Side airbag igniter on front passenger side

- G179 Side airbag crash sensor on driver side
- G180 Side airbag crash sensor on front passenger side
- G256 Rear side airbag crash sensor on driver side
- G257 Rear side airbag crash sensor on passenger side
- J234 Airbag control unit
- N199 Side airbag igniter on driver side
- N200 Side airbag igniter on front passenger side
- T2go 2-pin connector
- T2gp 2-pin connector
- T2gq 2-pin connector
- T2gr 2-pin connector
- T2hk 2-pin connector
- T2hl 2-pin connector
- T3g 3-pin connector
- T3h 3-pin connector
- T27 27-pin connector
- T27a 27-pin connector
- T90 90-pin connector
- * For models with 4 doors
- *2 For models with 3 doors
- *3 For models with 5 doors

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

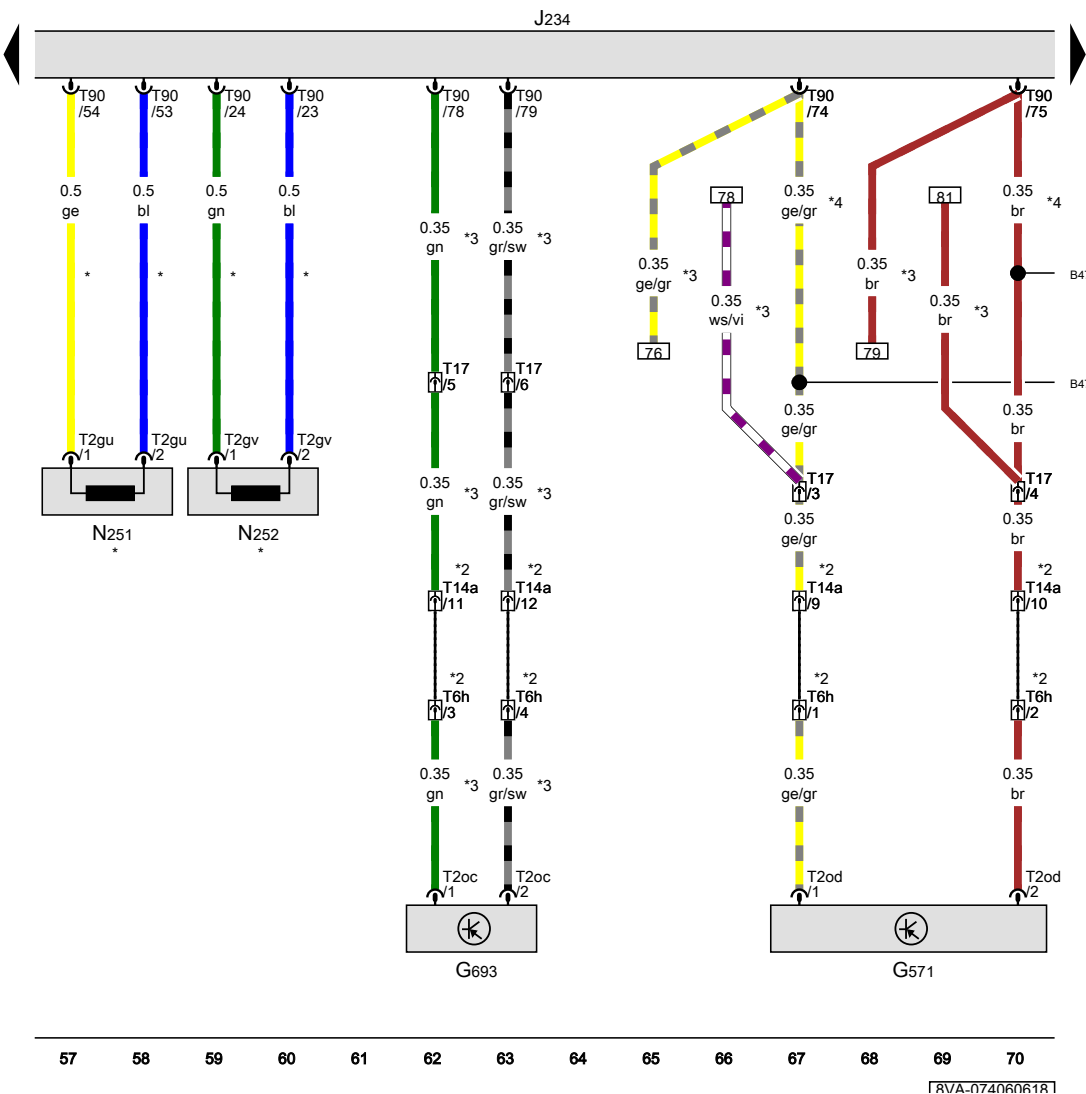
Front passenger side crash sensor for pedestrian protection, Centre crash sensor for pedestrian protection, Airbag control unit, Driver side curtain airbag igniter, Front passenger side curtain airbag igniter

- G571 Front passenger side crash sensor for pedestrian protection
- G693 Centre crash sensor for pedestrian protection
- J234 Airbag control unit
- N251 Driver side curtain airbag igniter
- N252 Front passenger side curtain airbag igniter
- T2gu 2-pin connector
- T2gv 2-pin connector
- T2oc 2-pin connector
- T2od 2-pin connector
- T6h 6-pin connector
- T14a 14-pin connector
- T17 17-pin connector
- T90 90-pin connector

B473 Connection 9, in main wiring harness

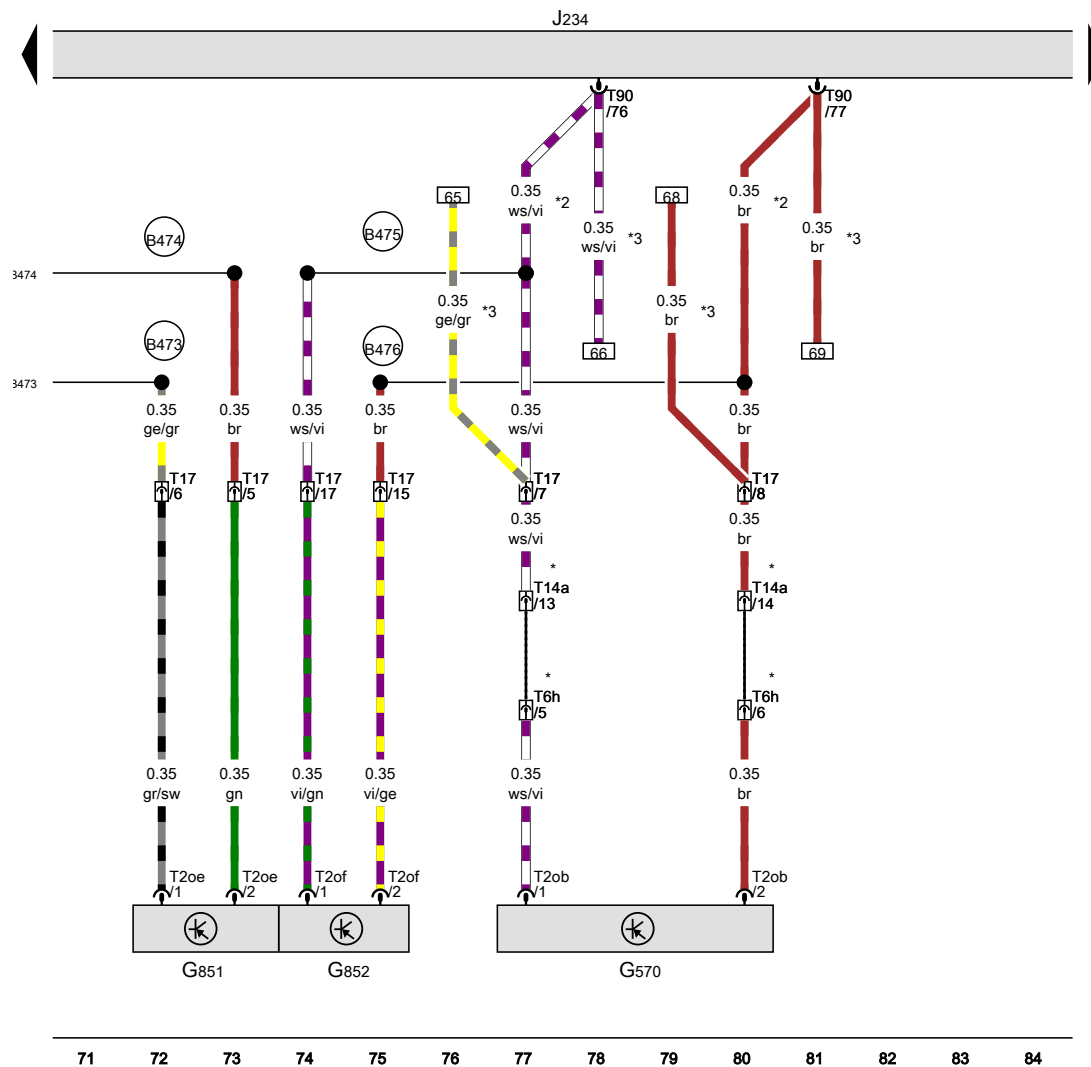
B474 Connection 10, in main wiring harness

- * For models with curtain airbag
- *2 According to equipment
- *3 Up to April 2016
- *4 From May 2016



- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Driver side crash sensor for pedestrian protection, Front passenger side crash sensor 2 for pedestrian protection, Airbag control unit



- G570 Driver side crash sensor for pedestrian protection
- G851 Driver side crash sensor 2 for pedestrian protection
- G852 Front passenger side crash sensor 2 for pedestrian protection
- J234 Airbag control unit
- T2ob 2-pin connector
- T2oe 2-pin connector
- T2of 2-pin connector
- T6h 6-pin connector
- T14a 14-pin connector
- T17 17-pin connector
- T90 90-pin connector

- B473 Connection 9, in main wiring harness
- B474 Connection 10, in main wiring harness
- B475 Connection 11, in main wiring harness
- B476 Connection 12, in main wiring harness

- * According to equipment
- *2 From May 2016
- *3 Up to April 2016

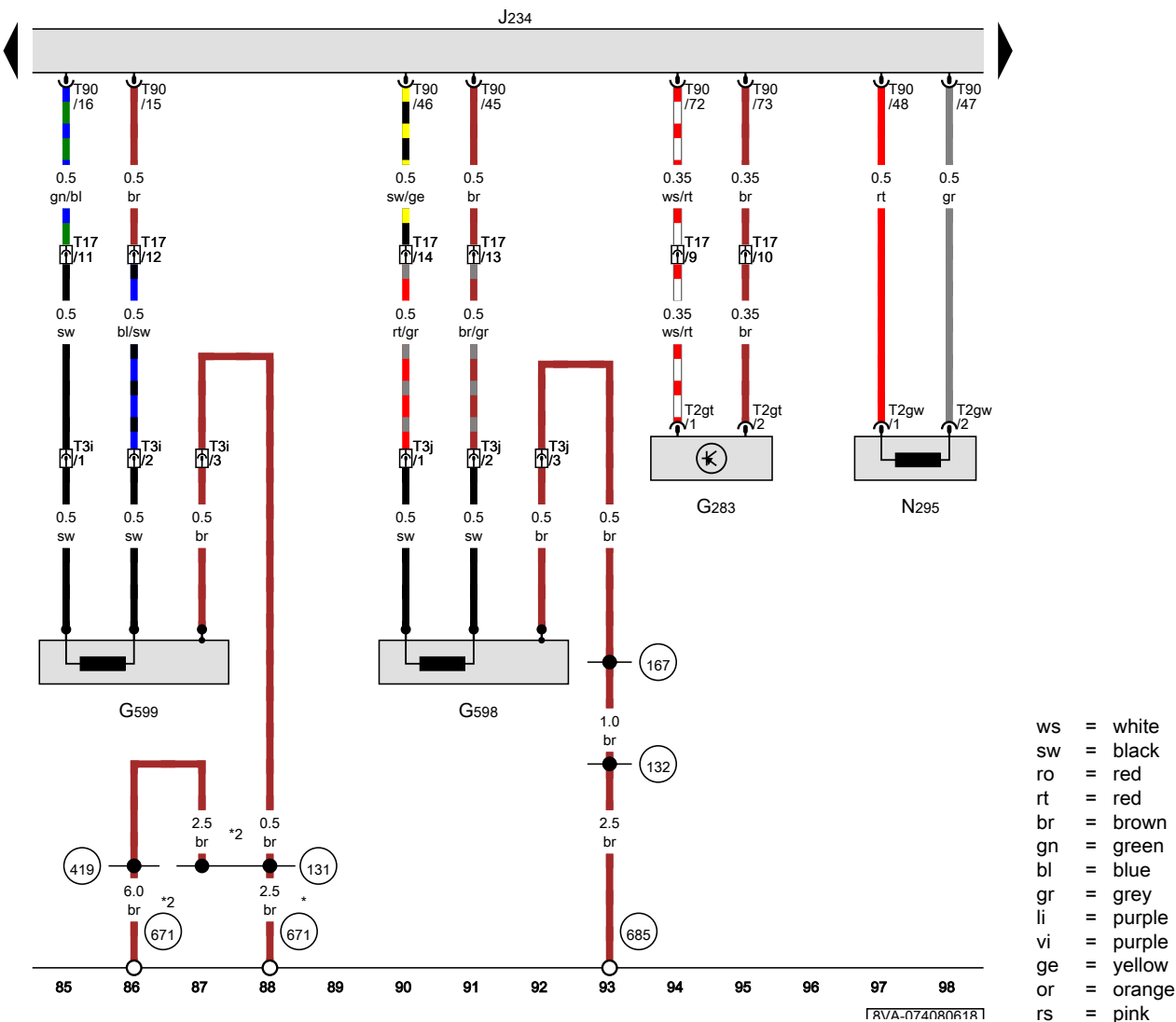
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Front airbag crash sensor for driver side, Trigger 1 for pedestrian protection, Trigger 2 for pedestrian protection, Airbag control unit, Driver side knee airbag igniter

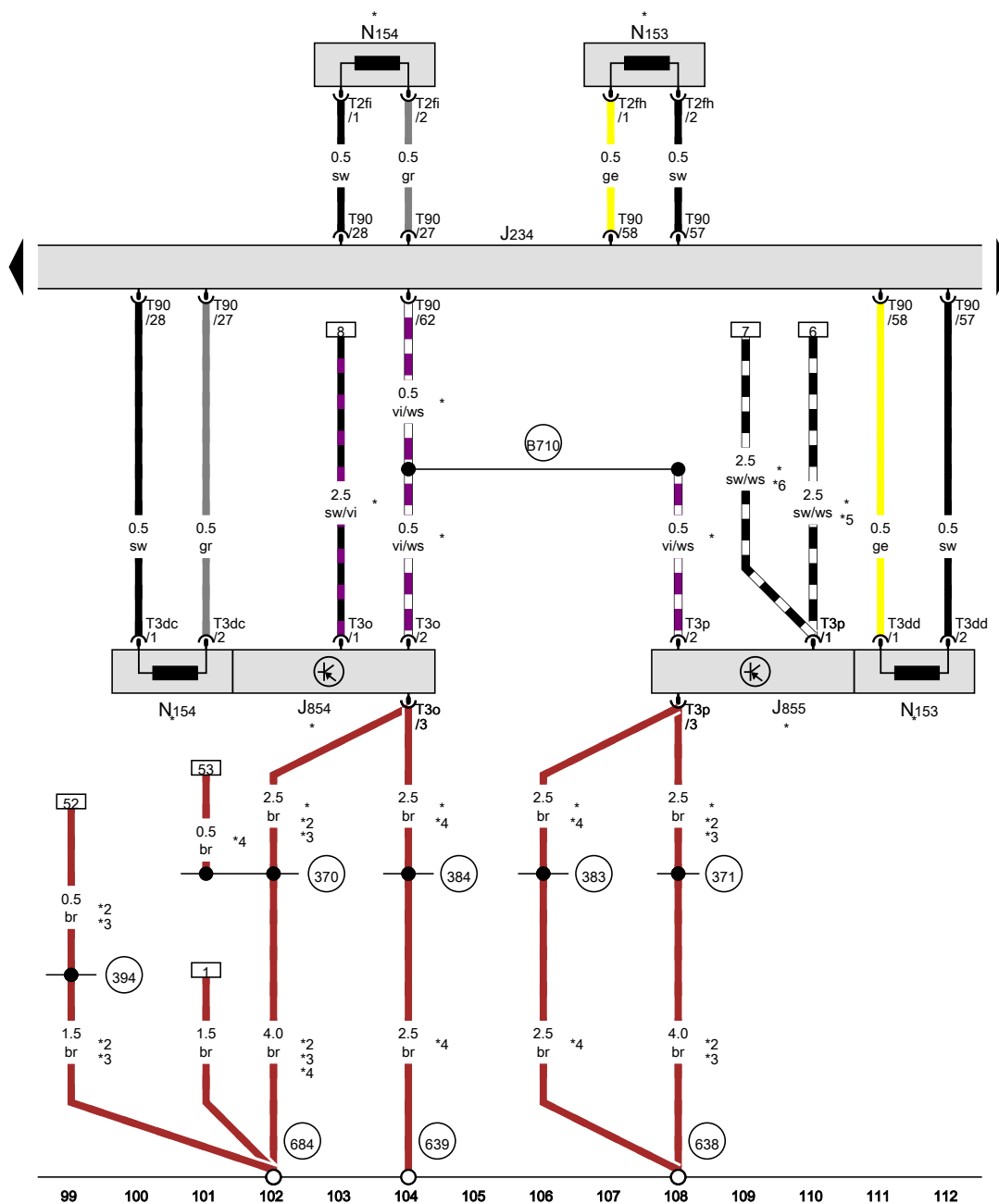
- G283 Front airbag crash sensor for driver side
- G598 Trigger 1 for pedestrian protection
- G599 Trigger 2 for pedestrian protection
- J234 Airbag control unit
- N295 Driver side knee airbag igniter
- T2gt 2-pin connector
- T2gw 2-pin connector
- T3i 3-pin connector
- T3j 3-pin connector
- T17 17-pin connector
- T90 90-pin connector

- 131 Earth connection 2, in engine compartment wiring harness
- 132 Earth connection 3, in engine compartment wiring harness
- 167 Earth connection 4, in engine compartment wiring harness
- 419 Earth connection 11, in engine compartment wiring harness
- 671 Earth point 1, on front of left longitudinal member
- 685 Earth point 1, on front of right longitudinal member

* Gradually discontinued
*2 gradual introduction



Airbag control unit, Control unit for front left belt tensioner, Control unit for front right belt tensioner



- J234 Airbag control unit
- J854 Control unit for front left belt tensioner
- J855 Control unit for front right belt tensioner
- N153 Driver seat belt tensioner igniter 1
- N154 Front passenger seat belt tensioner igniter 1
- T2fh 2-pin connector
- T2fi 2-pin connector
- T3dc 3-pin connector
- T3dd 3-pin connector
- T3o 3-pin connector
- T3p 3-pin connector
- T90 90-pin connector

- 370 Earth connection 5, in main wiring harness
- 371 Earth connection 6, in main wiring harness
- 383 Earth connection 18, in main wiring harness
- 384 Earth connection 19, in main wiring harness
- 394 Earth connection 29, in main wiring harness
- 638 Earth point, on right A-pillar
- 639 Earth point, left A-pillar
- 684 Earth point on front of left side member
- B710 Connection 5 (LIN bus) in main wiring harness

- * According to equipment
- *2 For models with 3 doors
- *3 For models with 5 doors
- *4 For models with 4 doors
- *5 Up to April 2017
- *6 From May 2017

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

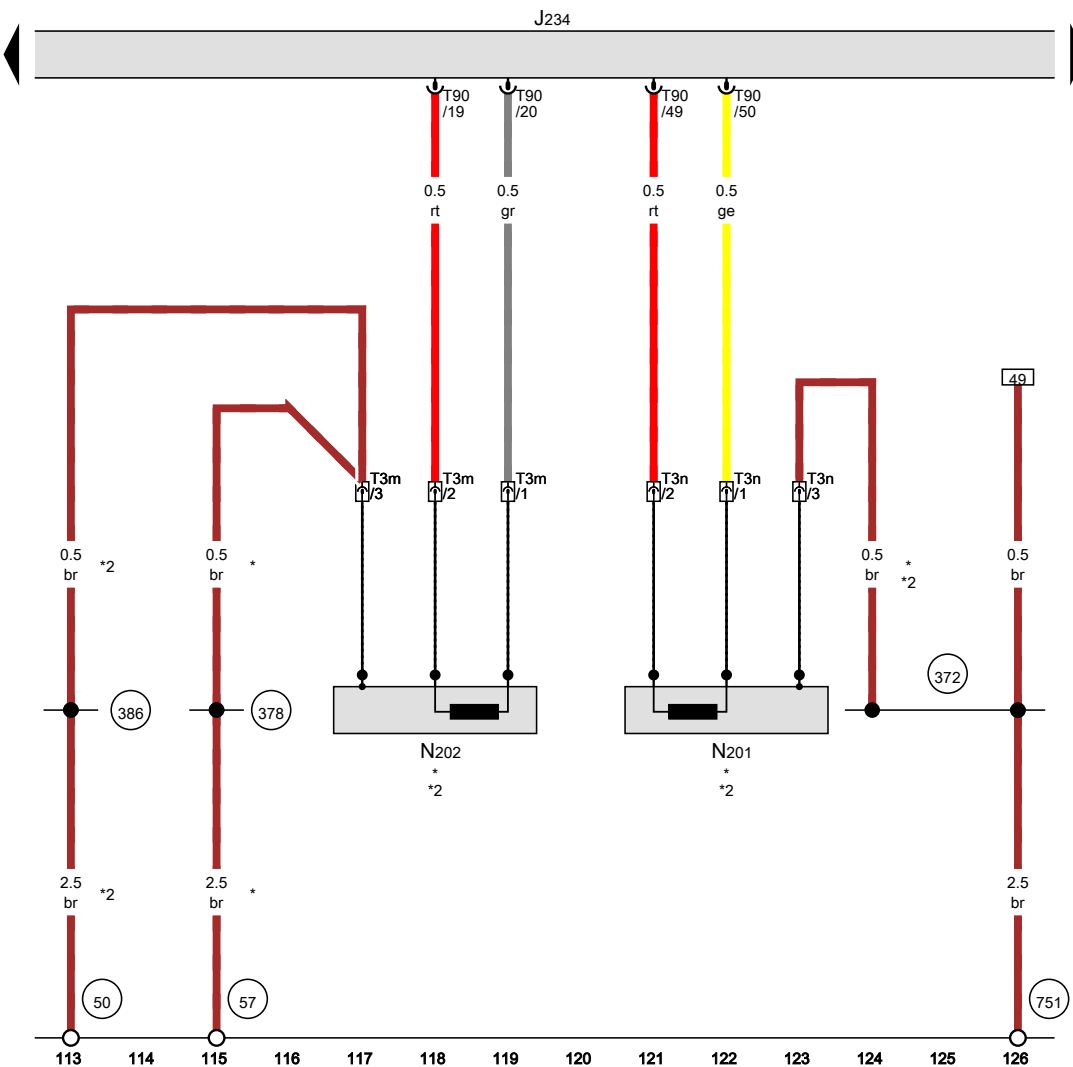
18V A-074090618

Airbag control unit, Rear side airbag igniter on driver side,
Rear side airbag igniter on passenger side

- J234 Airbag control unit
- N201 Rear side airbag igniter on driver side
- N202 Rear side airbag igniter on passenger side
- T3m 3-pin connector
- T3n 3-pin connector
- T90 90-pin connector

- 50 Earth point, on left in luggage compartment
- 57 Earth point, rear left pillar
- 372 Earth connection 7, in main wiring harness
- 378 Earth connection 13, in main wiring harness
- 386 Earth connection 21, in main wiring harness
- 751 Earth point 2, on right A-pillar

- * For models with 5 doors
- *2 For models with 4 doors



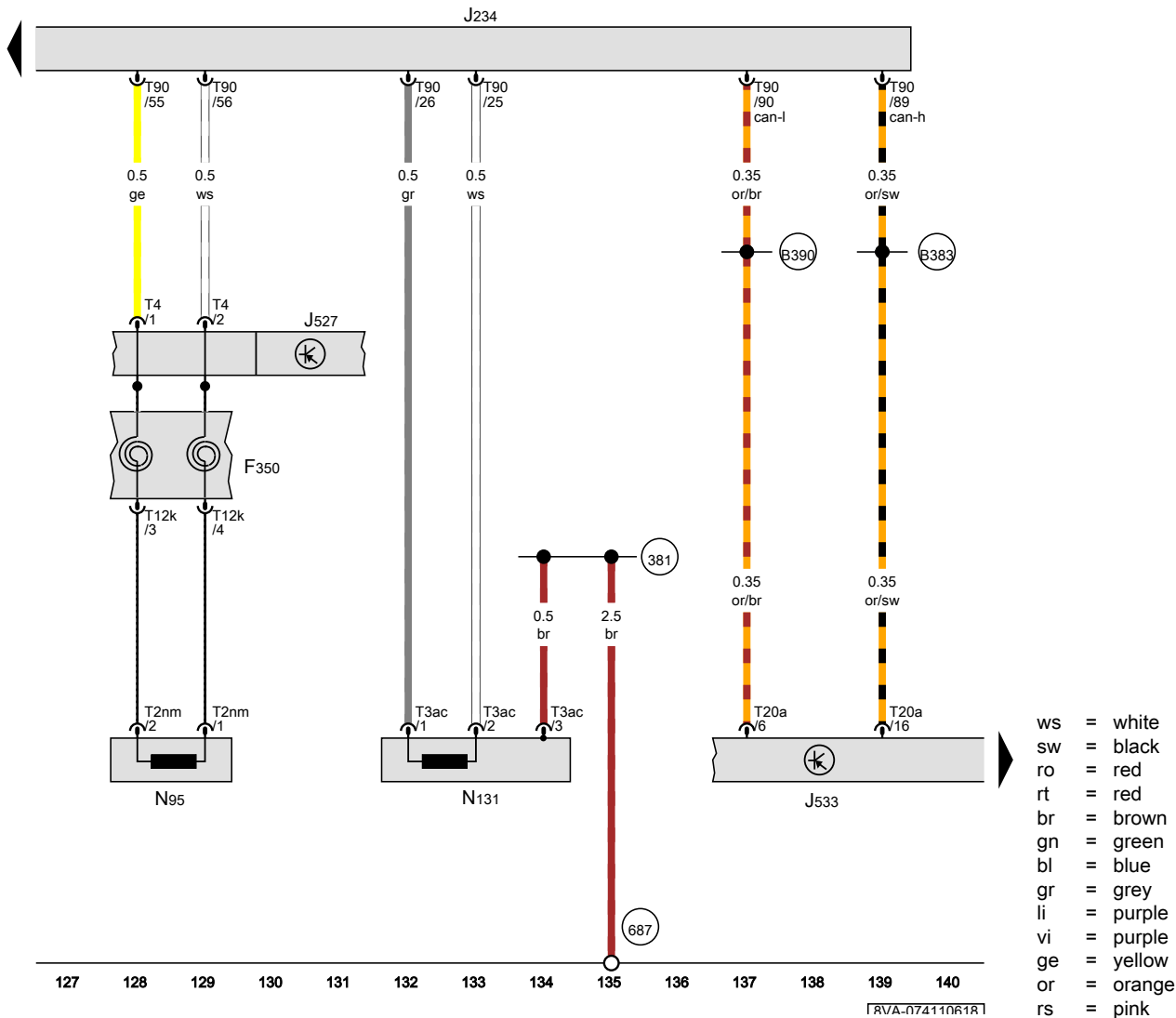
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

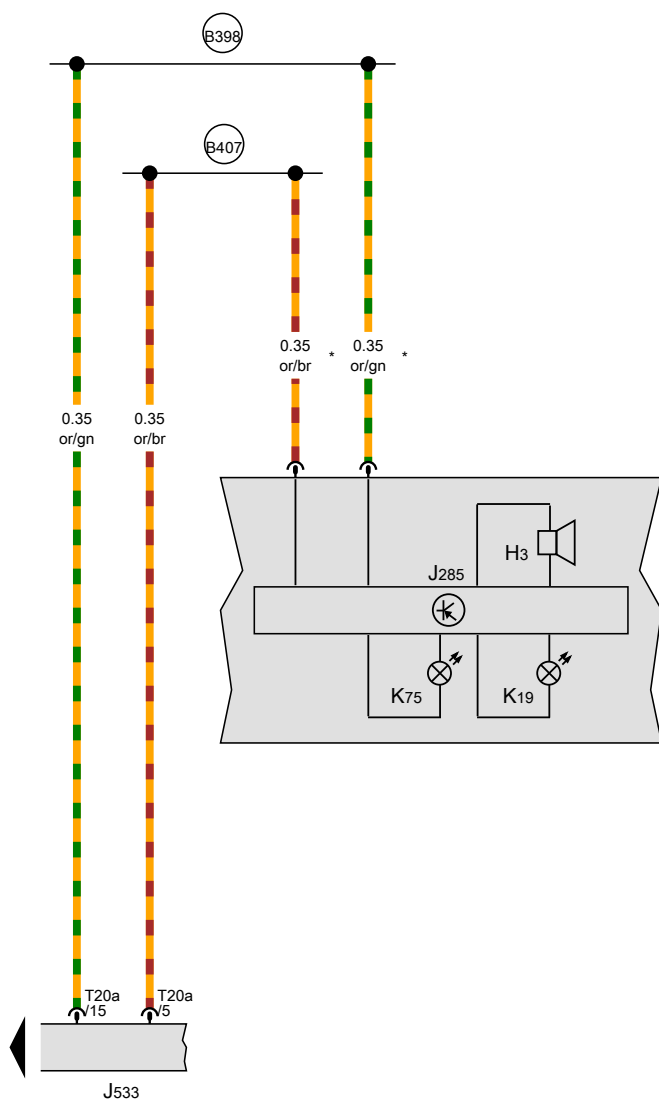
18VA-0741006181

Airbag control unit, Steering column electronics control unit,
Data bus diagnostic interface, Airbag igniter on driver side,
Airbag igniter 1 on front passenger side

- F350 Coil connector
- J234 Airbag control unit
- J527 Steering column electronics control unit
- J533 Data bus diagnostic interface
- N95 Airbag igniter on driver side
- N131 Airbag igniter 1 on front passenger side
- T2nm 2-pin connector
- T3ac 3-pin connector
- T4 4-pin connector, yellow
- T10x 10-pin connector
- T12k 12-pin connector
- T20a 20-pin connector
- T90 90-pin connector

- 381 Earth connection 16, in main wiring harness
- 687 Earth point 1, on centre tunnel
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness





Buzzer and gong, Control unit in dash panel insert, Data bus diagnostic interface, Seat belt warning system warning lamp, Airbag warning lamp

- H3 Buzzer and gong
- J285 Control unit in dash panel insert
- J533 Data bus diagnostic interface
- K19 Seat belt warning system warning lamp
- K75 Airbag warning lamp
- T20a 20-pin connector

B398 Connection 2 (convenience CAN bus, high), in main wiring harness

B407 Connection 2 (convenience CAN bus, low), in main wiring harness

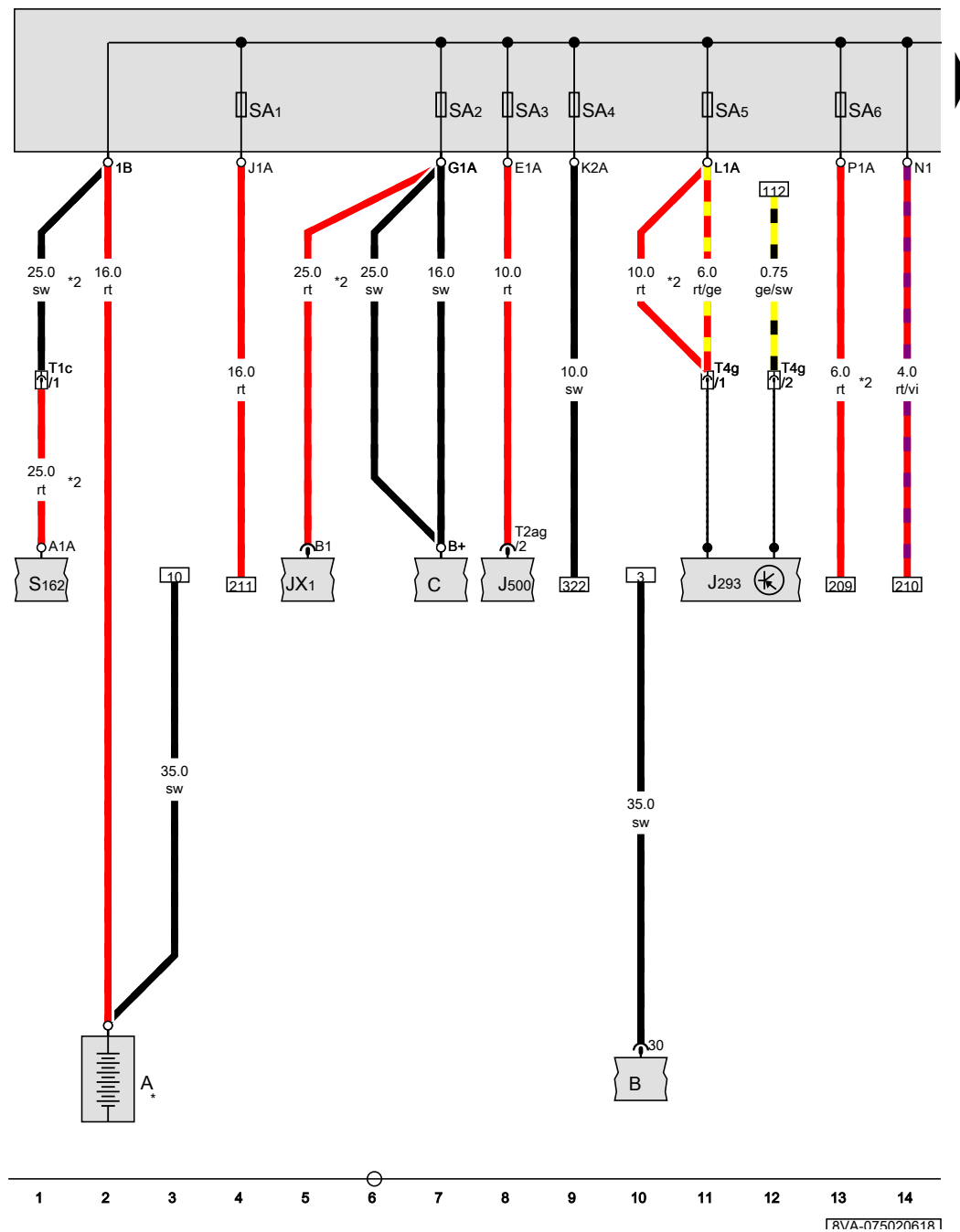
* see applicable current flow diagram for dash panel insert

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



Fuse assignment

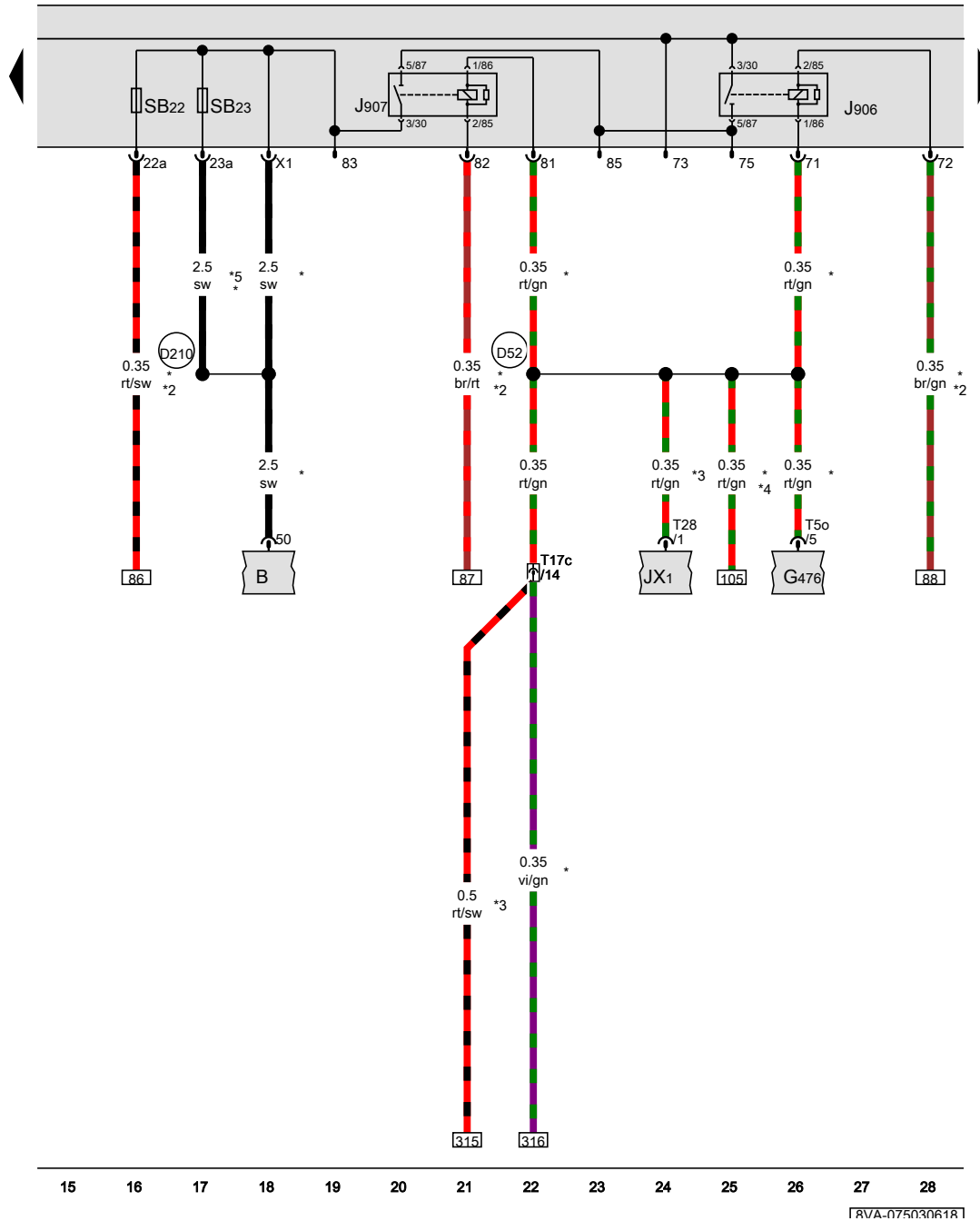
From May 2013



Battery, Power steering control unit, Fuse 1 on fuse holder A, Fuse 2 on fuse holder A, Fuse 3 on fuse holder A, Fuse 4 on fuse holder A, Fuse 5 on fuse holder A, Fuse 6 on fuse holder A

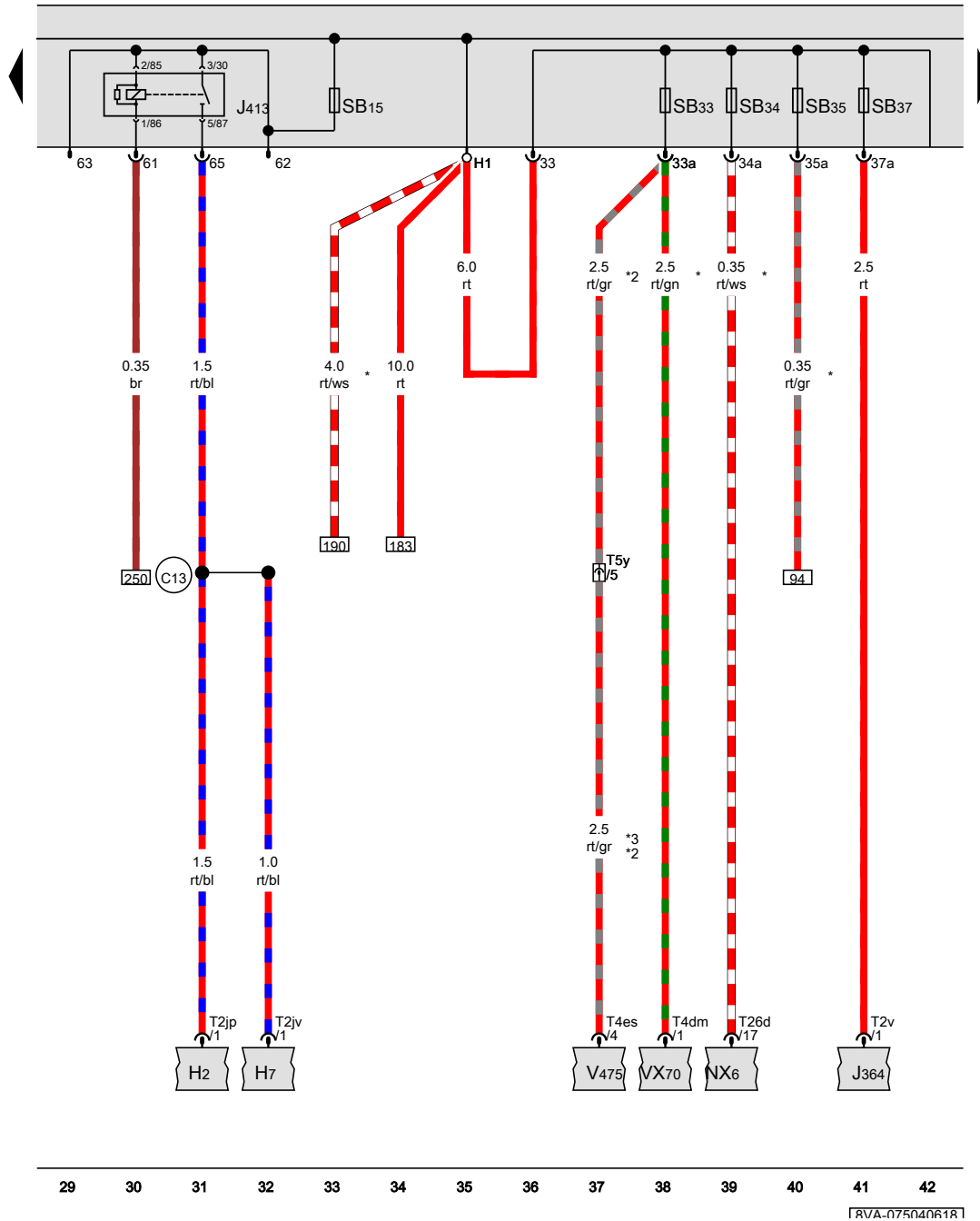
- A Battery
- B Starter
- C Alternator
- JX1 Power and control electronics for electric drive
- J293 Radiator fan control unit
- J500 Power steering control unit
- SA1 Fuse 1 on fuse holder A
- SA2 Fuse 2 on fuse holder A
- SA3 Fuse 3 on fuse holder A
- SA4 Fuse 4 on fuse holder A
- SA5 Fuse 5 on fuse holder A
- SA6 Fuse 6 on fuse holder A
- S162 Fuse 1 (30), in battery fuse holder
- T1c 1-pin connector
- T2ag 2-pin connector
- T4g 4-pin connector
- * see applicable current flow diagram for battery
- *2 For models with hybrid drive system

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



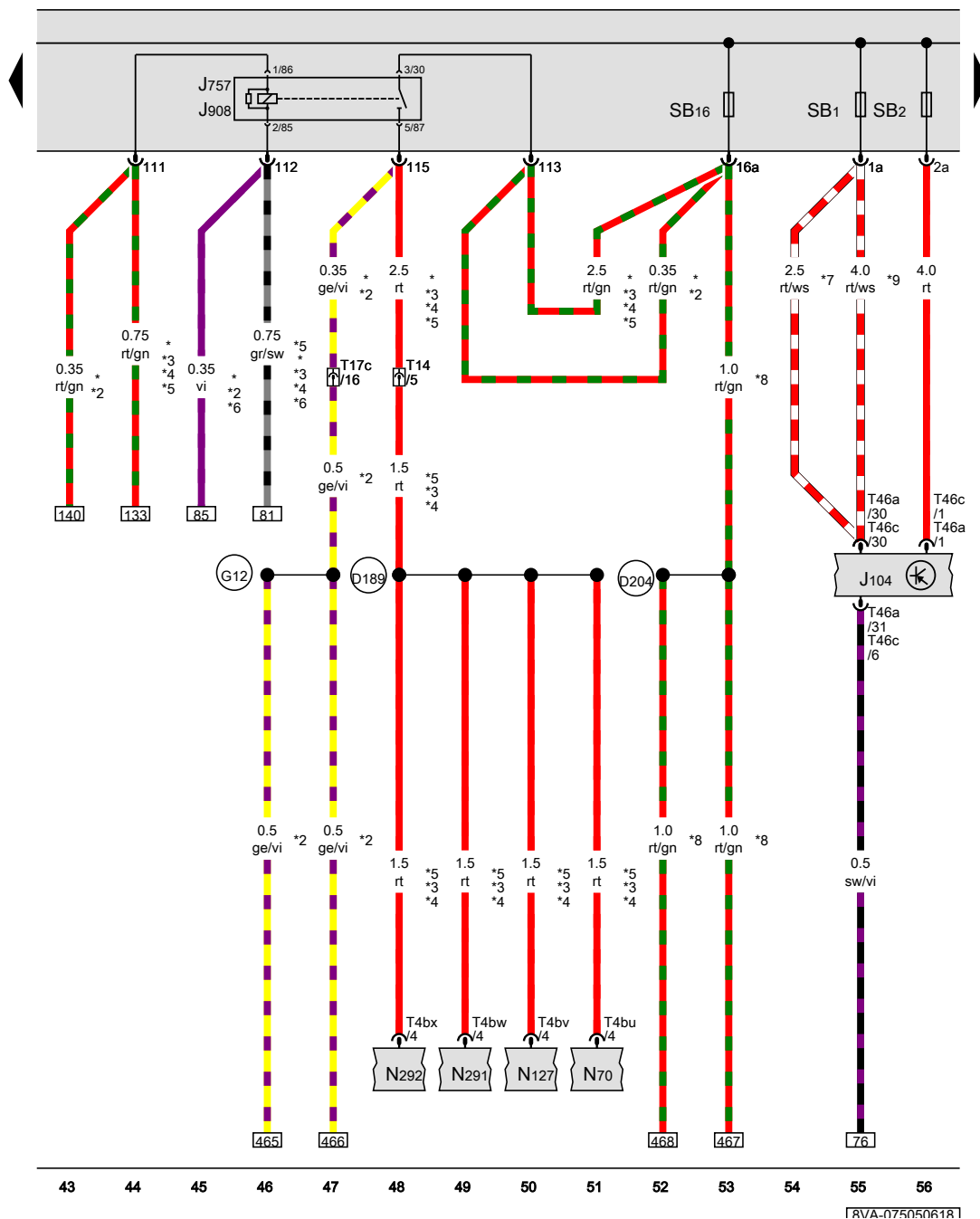
Starter relay 1, Starter relay 2, Fuse 22 on fuse holder B,
Fuse 23 on fuse holder B

- B Starter
- G476 Clutch position sender
- JX1 Power and control electronics for electric drive
- J906 Starter relay 1
- J907 Starter relay 2
- SB22 Fuse 22 on fuse holder B
- SB23 Fuse 23 on fuse holder B
- T50 5-pin connector
- T17c 17-pin connector
- T28 28-pin connector
- D52 Positive connection (15a), in engine compartment wiring harness
- D210 Connection (50), in engine compartment wiring harness
- * For models with no hybrid drive system
- *2 see applicable current flow diagram for engine
- *3 For models with hybrid drive system
- *4 Up to April 2016
- *5 From November 2013



Treble horn, Bass horn, Auxiliary heater control unit, Horn relay, Fuse 15 on fuse holder B, Fuse 33 on fuse holder B, Fuse 34 on fuse holder B, Fuse 35 on fuse holder B, Fuse 37 on fuse holder B

- H2 Treble horn
- H7 Bass horn
- J364 Auxiliary heater control unit
- J413 Horn relay
- NX6 Brake servo
- SB15 Fuse 15 on fuse holder B
- SB33 Fuse 33 on fuse holder B
- SB34 Fuse 34 on fuse holder B
- SB35 Fuse 35 on fuse holder B
- SB37 Fuse 37 on fuse holder B
- T2jp 2-pin connector
- T2jv 2-pin connector
- T2v 2-pin connector
- T4dm 4-pin connector
- T4es 4-pin connector
- T5y 5-pin connector
- T26d 26-pin connector
- VX70 Brake system pressure accumulator
- V475 Auxiliary hydraulic pump 1 for gearbox oil
- C13 Positive connection in dual tone horn wiring harness
- * For models with hybrid drive system
- *2 For models with no hybrid drive system
- *3 Wiring colour depends on equipment



Engine component current supply relay, Fuse 1 on fuse holder B, Fuse 2 on fuse holder B, Fuse 16 on fuse holder B

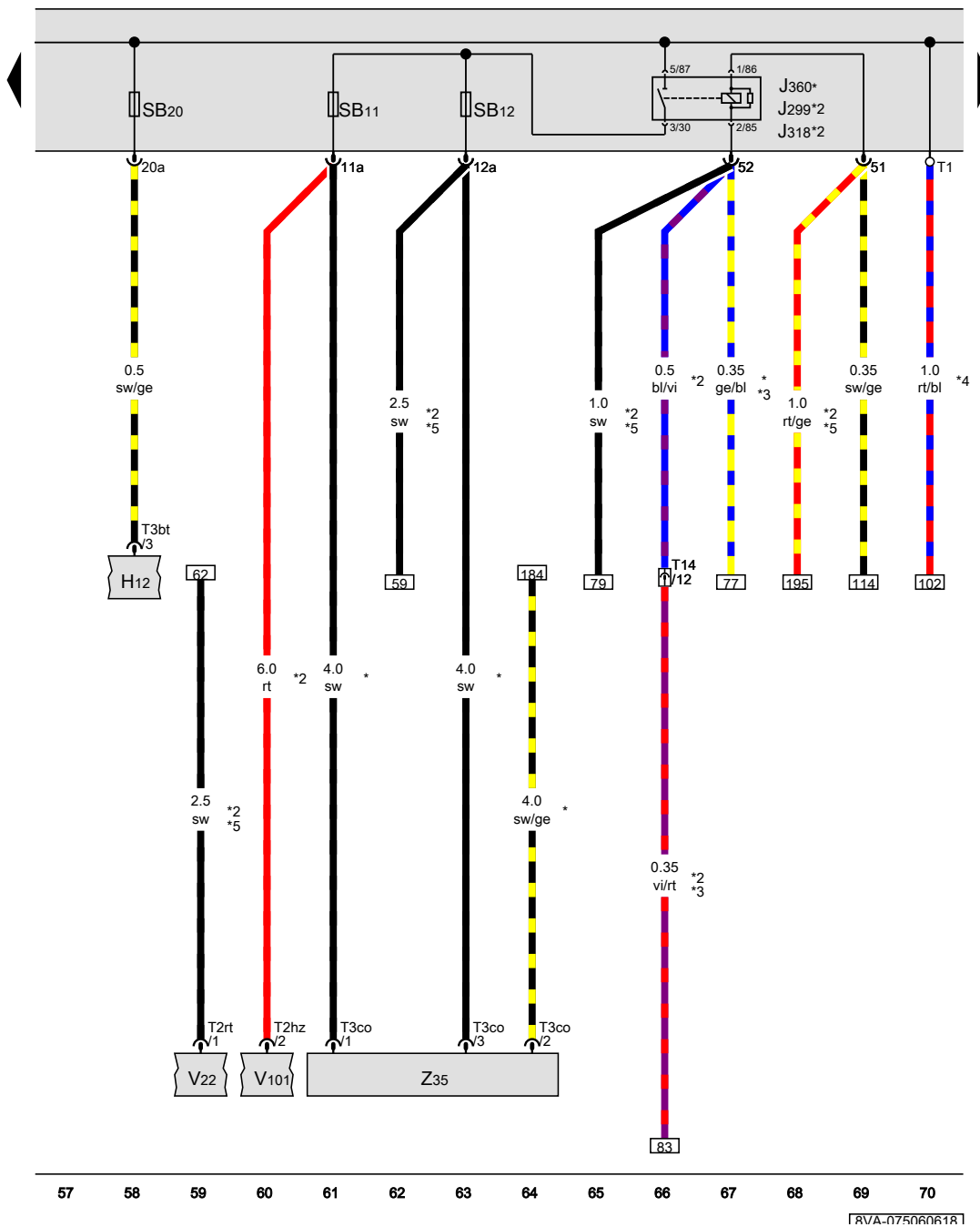
- J104 ABS control unit
- J757 Engine component current supply relay
- J908 Relay for gas shut-off valves
- N70 Ignition coil 1 with output stage
- N127 Ignition coil 2 with output stage
- N291 Ignition coil 3 with output stage
- N292 Ignition coil 4 with output stage
- SB1 Fuse 1 on fuse holder B
- SB2 Fuse 2 on fuse holder B
- SB16 Fuse 16 on fuse holder B
- T4bu 4-pin connector
- T4bv 4-pin connector
- T4bw 4-pin connector
- T4bx 4-pin connector
- T14 14-pin connector
- T17c 17-pin connector
- T46a 46-pin connector
- T46c 46-pin connector, black

- D189 Connection (87a) in engine prewiring harness
- D204 Positive connection 4 (30a), in engine compartment wiring harness
- G12 Connection 1 in gas mode wiring harness

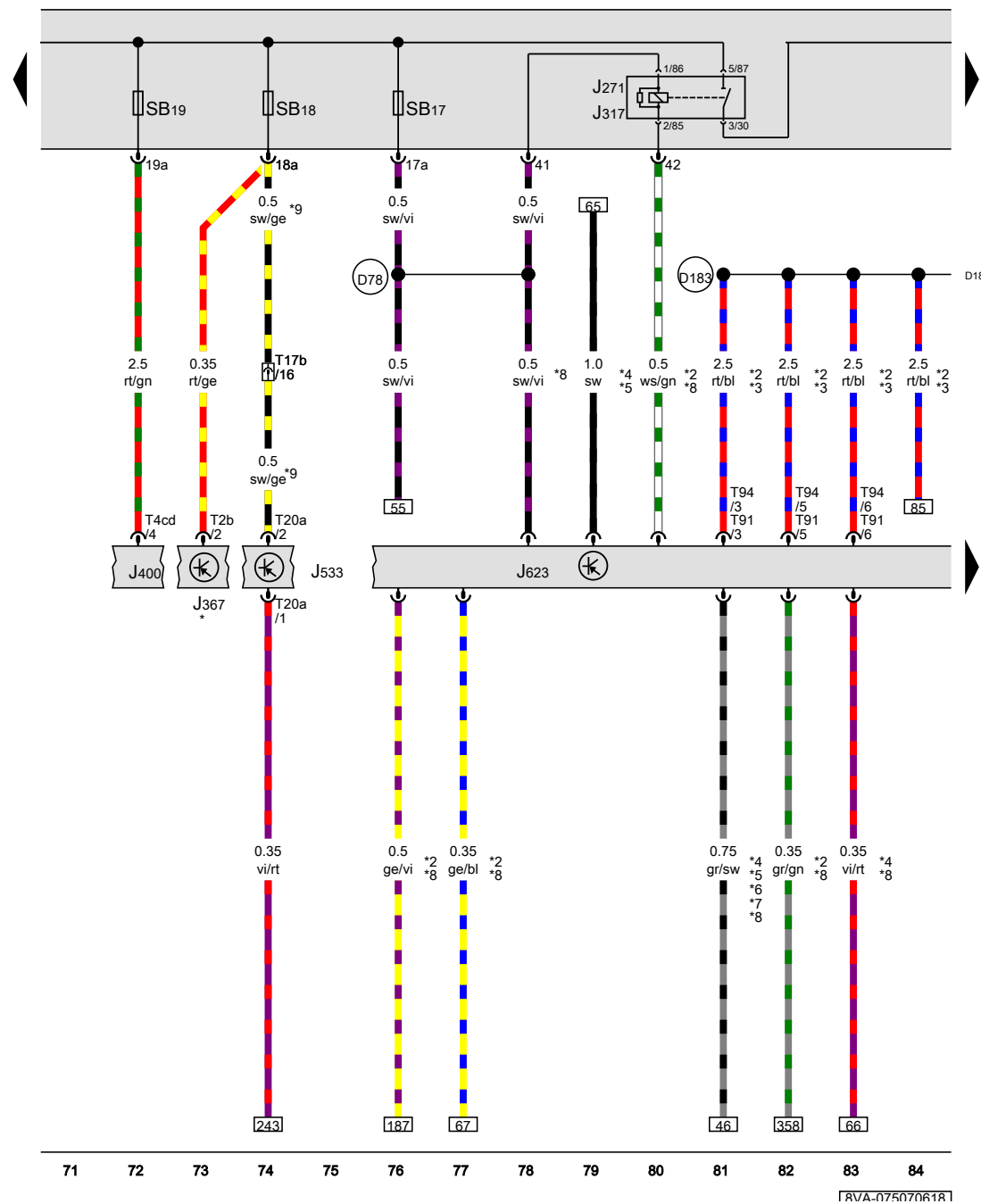
- * According to equipment
- *2 For models with 1.4l engine
- *3 For models with 1.8l engine
- *4 For models with 2.0l engine
- *5 For models with petrol engine
- *6 see applicable current flow diagram for engine
- *7 From May 2017
- *8 For models with hybrid drive system
- *9 Up to April 2017

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

High heat output relay, Fuse 11 on fuse holder B, Fuse 12 on fuse holder B, Fuse 20 on fuse holder B



- H12 Alarm horn
- J299 Secondary air pump relay
- J318 Vacuum pump relay
- J360 High heat output relay
- SB11 Fuse 11 on fuse holder B
- SB12 Fuse 12 on fuse holder B
- SB20 Fuse 20 on fuse holder B
- T2hz 2-pin connector
- T2rt 2-pin connector, black
- T3bt 3-pin connector
- T3co 3-pin connector
- T14 14-pin connector
- V22 Vacuum pump
- V101 Secondary air pump motor
- Z35 Auxiliary air heater element
- * For models with diesel engine
- *2 For models with petrol engine
- *3 see applicable current flow diagram for engine
- *4 Up to April 2016
- *5 According to equipment



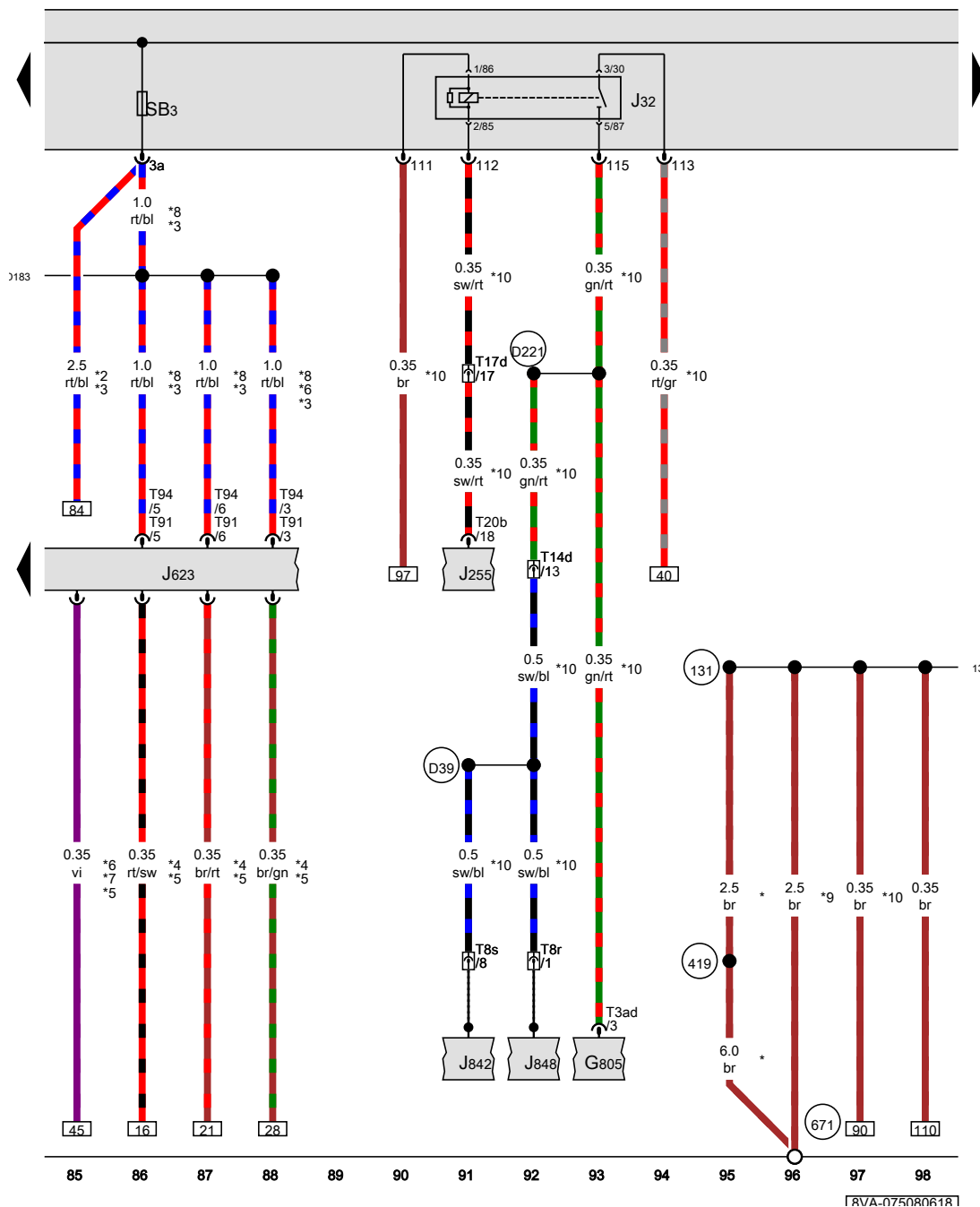
Main relay, Terminal 30 voltage supply relay, Battery monitor control unit, Engine/motor control unit, Fuse 17 on fuse holder B, Fuse 18 on fuse holder B, Fuse 19 on fuse holder B

- J271 Main relay
- J317 Terminal 30 voltage supply relay
- J367 Battery monitor control unit
- J400 Wiper motor control unit
- J533 Data bus diagnostic interface
- J623 Engine/motor control unit
- SB17 Fuse 17 on fuse holder B
- SB18 Fuse 18 on fuse holder B
- SB19 Fuse 19 on fuse holder B
- T2b 2-pin connector
- T4cd 4-pin connector
- T17b 17-pin connector
- T20a 20-pin connector
- T94 94-pin connector

D78 Positive connection 1 (30a), in engine compartment wiring harness

D183 Connection 4 (87a), in engine compartment wiring harness

- * For models with start/stop system
- *2 For models with diesel engine
- *3 Wiring colour depends on equipment
- *4 For models with petrol engine
- *5 According to equipment
- *6 For models with 1.8l engine
- *7 For models with 2.0l engine
- *8 see applicable current flow diagram for engine
- *9 For models with no start/stop system

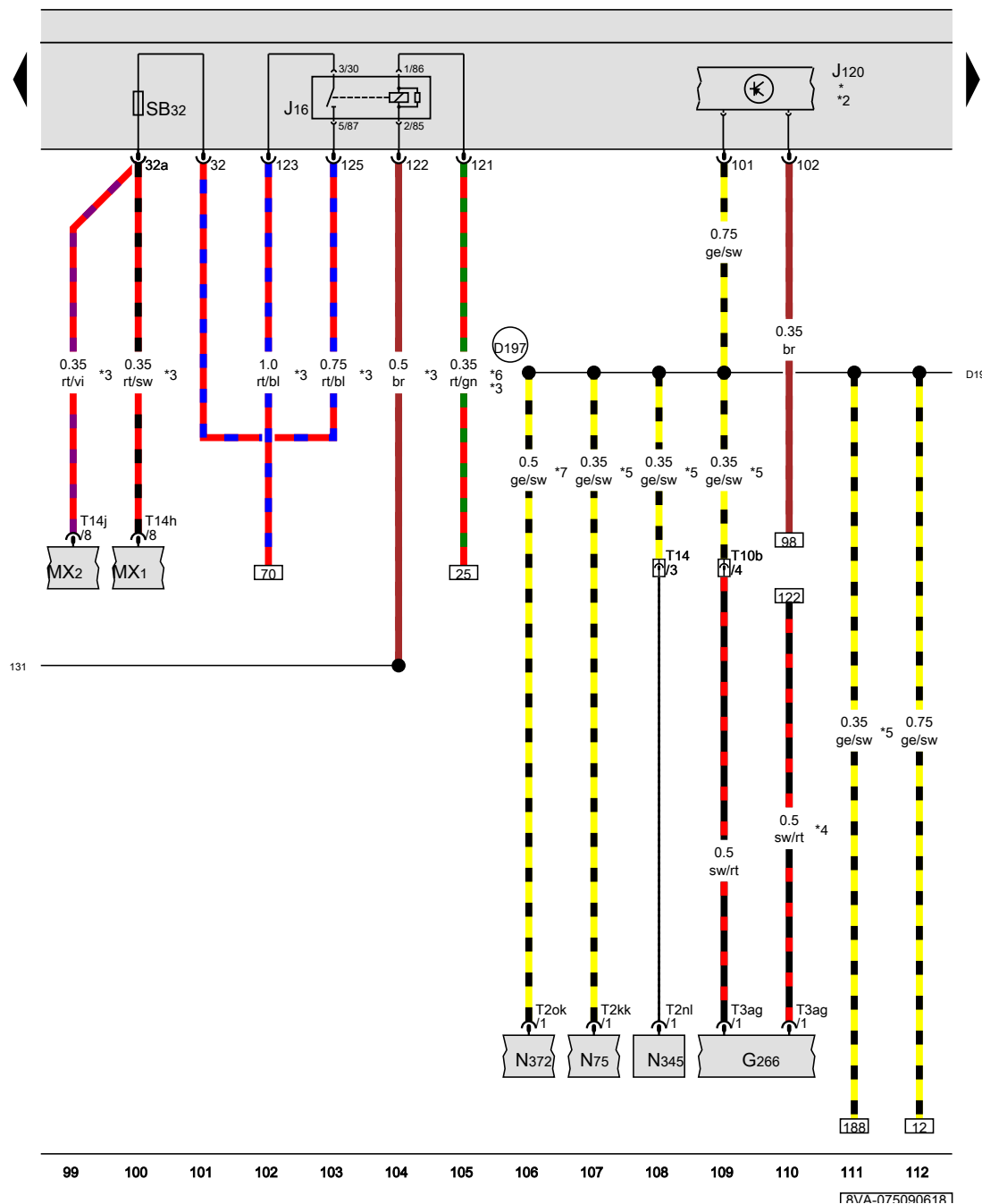


Air conditioning system relay, Engine/motor control unit, Fuse 3 on fuse holder B

- G805 Pressure sender for refrigerant circuit
- J32 Air conditioning system relay
- J255 Climatronic control unit
- J623 Engine/motor control unit
- J842 Control unit for air conditioning compressor
- J848 High-voltage heater (PTC) control unit
- SB3 Fuse 3 on fuse holder B
- T3ad 3-pin connector
- T8r 8-pin connector
- T8s 8-pin connector
- T14d 14-pin connector
- T17d 17-pin connector
- T20b 20-pin connector
- T94 94-pin connector

- 131 Earth connection 2, in engine compartment wiring harness
- 419 Earth connection 11, in engine compartment wiring harness
- 671 Earth point 1, on front of left longitudinal member
- D39 Connection 1, in engine prewiring harness
- D183 Connection 4 (87a), in engine compartment wiring harness
- D221 Connection 9 (87a), in engine compartment wiring harness

- * gradual introduction
- *2 For models with diesel engine
- *3 Wiring colour depends on equipment
- *4 For models with no hybrid drive system
- *5 see applicable current flow diagram for engine
- *6 According to equipment
- *7 For models with 1.4l engine
- *8 For models with petrol engine
- *9 Gradually discontinued
- *10 For models with hybrid drive system



Current supply relay, Fuse 32 on fuse holder B

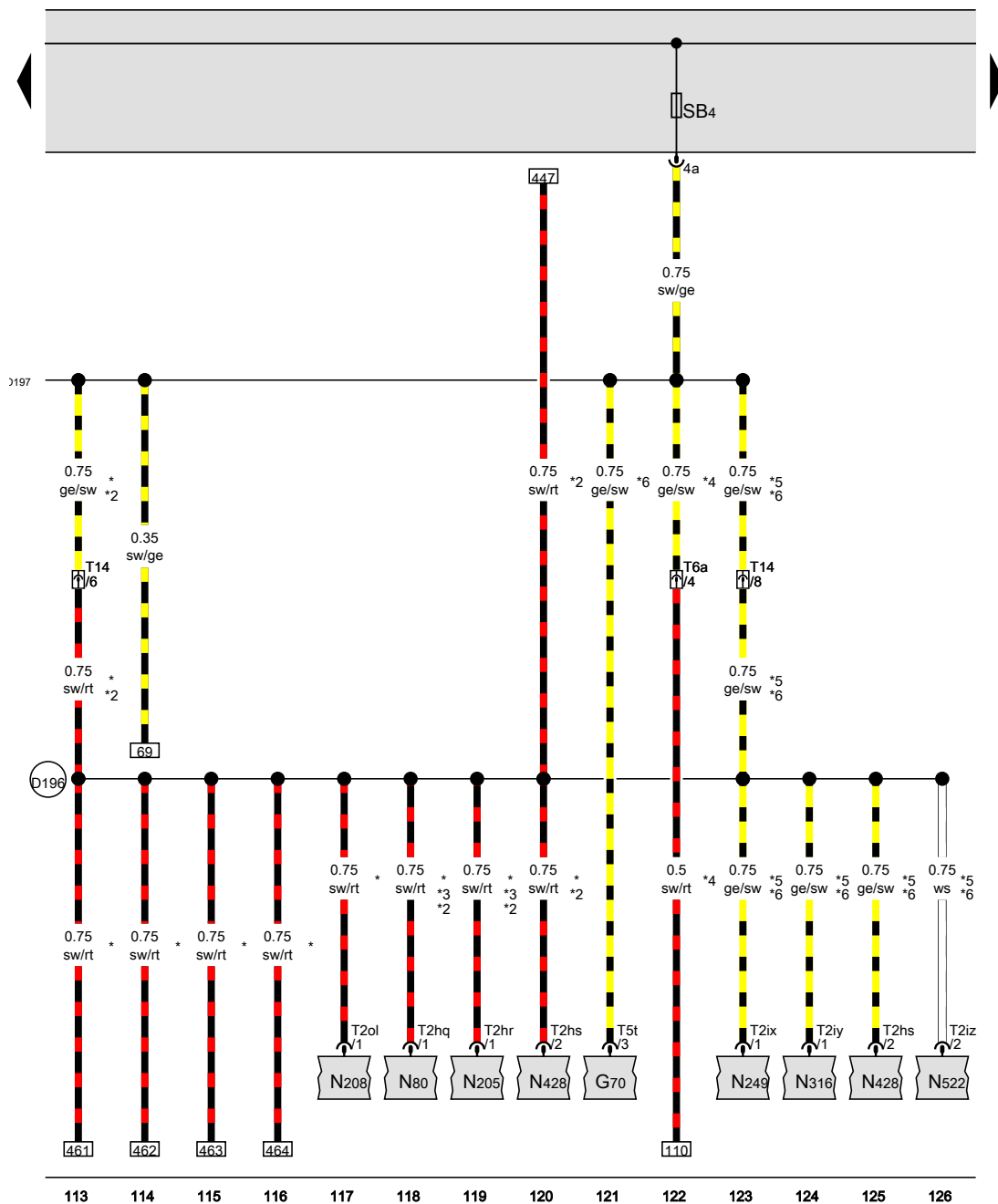
- G266 Oil level and oil temperature sender
- J16 Current supply relay
- J120 Coolant shortage indicator control unit
- MX1 Front left headlight
- MX2 Front right headlight
- N75 Charge pressure control solenoid valve
- N345 Exhaust gas recirculation cooler changeover valve
- N372 High-pressure valve for gas mode
- SB32 Fuse 32 on fuse holder B
- T2kk 2-pin connector
- T2nl 2-pin connector
- T2ok 2-pin connector
- T3ag 3-pin connector
- T10b 10-pin connector
- T14 14-pin connector
- T14h 14-pin connector
- T14j 14-pin connector

131 Earth connection 2, in engine compartment wiring harness

D197 Connection 5 (87a), in engine compartment wiring harness

- * For models with hybrid drive system
- *2 see applicable current flow diagram for high-voltage system
- *3 Up to April 2016
- *4 For models with petrol engine
- *5 For models with diesel engine
- *6 For models with no hybrid drive system
- *7 For models with 1.4l engine

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



Fuse 4 on fuse holder B

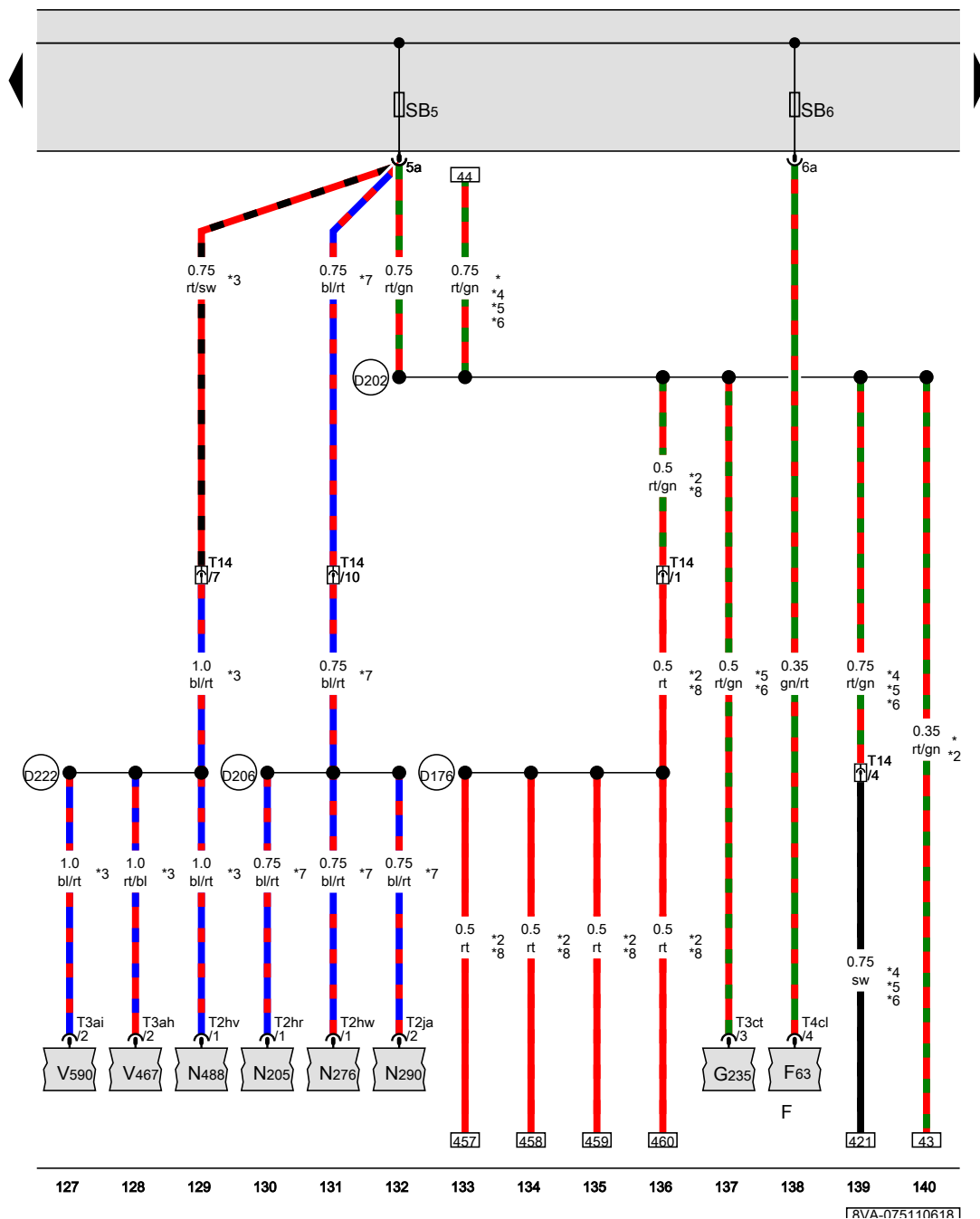
- G70 Air mass meter
- N80 Activated charcoal filter solenoid valve 1
- N205 Camshaft control valve 1
- N208 Camshaft control valve 2
- N249 Turbocharger air recirculation valve
- N316 Intake manifold flap valve
- N428 Valve for oil pressure control
- N522 Piston cooling jet control valve
- SB4 Fuse 4 on fuse holder B
- T2hq 2-pin connector
- T2hr 2-pin connector
- T2hs 2-pin connector
- T2ix 2-pin connector
- T2iy 2-pin connector
- T2iz 2-pin connector
- T2ol 2-pin connector
- T5t 5-pin connector
- T6a 6-pin connector
- T14 14-pin connector

D196 Connection 2 (87a) in engine prewiring harness

D197 Connection 5 (87a), in engine compartment wiring harness

- * For models with 1.4l engine
- *2 For models with 1.0l petrol engine
- *3 For models with 1.2l engine
- *4 For models with petrol engine
- *5 For models with 1.8l engine
- *6 For models with 2.0l engine

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



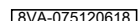
Fuse 5 on fuse holder B, Fuse 6 on fuse holder B

- F Brake light switch
- F63 Brake pedal switch
- G235 Exhaust gas temperature sender 1
- N205 Camshaft control valve 1
- N276 Fuel pressure regulating valve
- N290 Fuel metering valve
- N488 Coolant valve for gearbox
- SB5 Fuse 5 on fuse holder B
- SB6 Fuse 6 on fuse holder B
- T2hr 2-pin connector
- T2hv 2-pin connector
- T2hw 2-pin connector
- T2ja 2-pin connector
- T3ah 3-pin connector
- T3ai 3-pin connector
- T3ct 3-pin connector
- T4cl 4-pin connector, black
- T14 14-pin connector
- V467 Coolant pump for high-temperature circuit
- V590 Coolant pump for high-voltage battery

- D176 Connection (gas injector), in engine compartment wiring harness
- D202 Connection 6 (87a), in engine compartment wiring harness
- D206 Connection 4 (87a) in engine prewiring harness
- D222 Connection 10 (87a), in engine compartment wiring harness

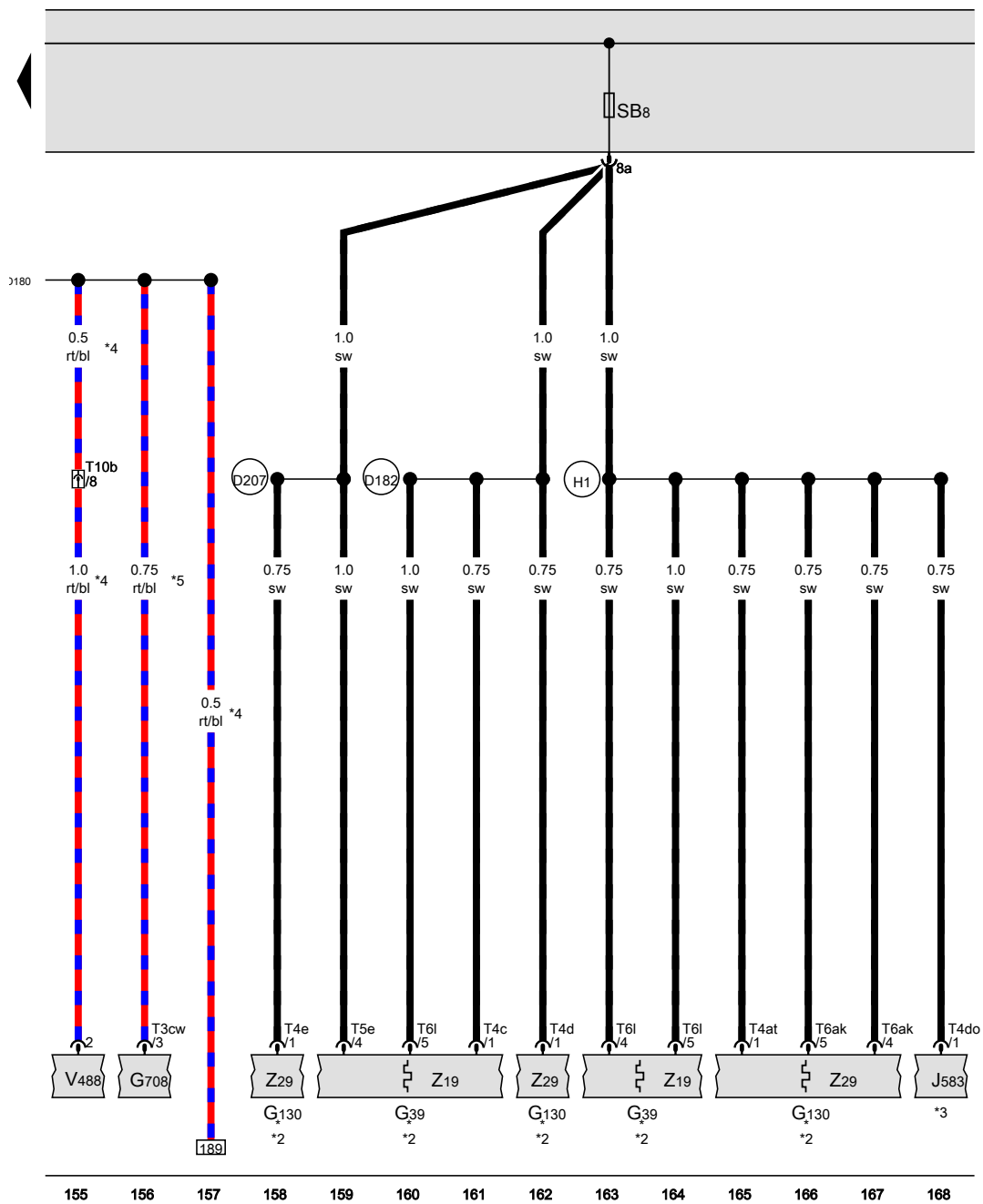
- * According to equipment
- *2 For models with 1.4l engine
- *3 For models with hybrid drive system
- *4 For models with 1.8l engine
- *5 For models with 2.0l engine
- *6 For models with petrol engine
- *7 For models with diesel engine
- *8 For models with natural gas engine

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- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



- * For models with 1.8l engine
- *2 For models with 2.0l engine
- *3 For models with petrol engine
- *4 For models with diesel engine
- *5 According to equipment
- *6 For models with 1.4l engine
- *7 For models with 1.2l engine
- *8 For models with hybrid drive system
- *9 If fitted
- *10 For models with equipment for Brazil

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink



Fuse 8 on fuse holder B, Auxiliary pump for heating, Lambda probe heater, Lambda probe 1 heater after catalytic converter

- G39 Lambda probe
- G130 Lambda probe after catalytic converter
- G708 Ethanol concentration sender
- J583 Control unit for NOx sender
- SB8 Fuse 8 on fuse holder B
- T3cw 3-pin connector, black
- T4at 4-pin connector
- T4c 4-pin connector, brown
- T4d 4-pin connector, black
- T4do 4-pin connector
- T4e 4-pin connector, black
- T5e 5-pin connector
- T6ak 6-pin connector
- T6l 6-pin connector
- T10b 10-pin connector
- V488 Auxiliary pump for heating
- Z19 Lambda probe heater
- Z29 Lambda probe 1 heater after catalytic converter

D180 Connection (87a), in engine compartment wiring harness

D182 Connection 3 (87a), in engine compartment wiring harness

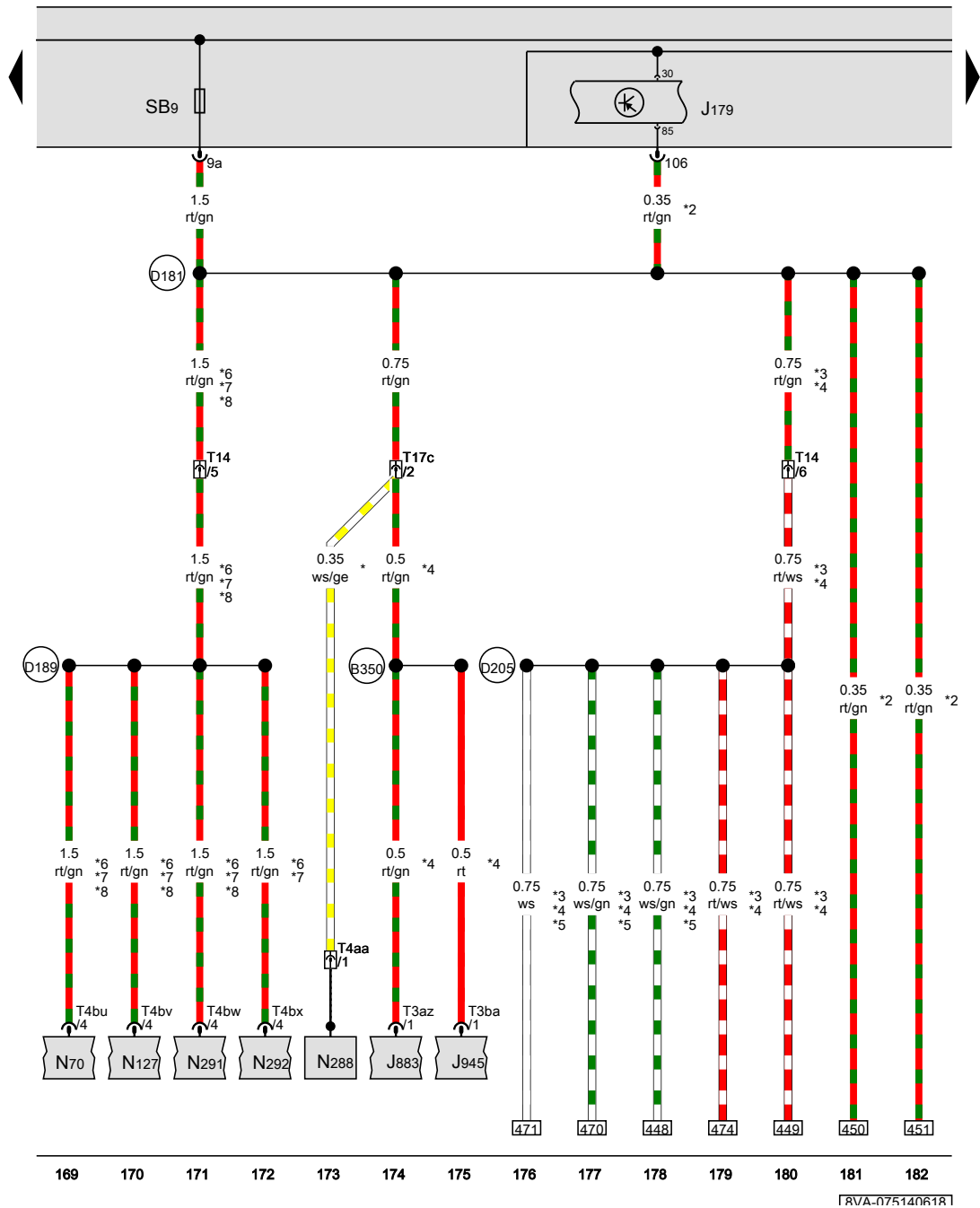
D207 Connection 7 (87a), in engine compartment wiring harness

H1 Positive connection, in Lambda wiring harness

- * Pre-wired component
- *2 According to equipment
- *3 For models with US equipment
- *4 For models with diesel engine
- *5 For models with equipment for Brazil

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

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Automatic glow period control unit, Fuse 9 on fuse holder B

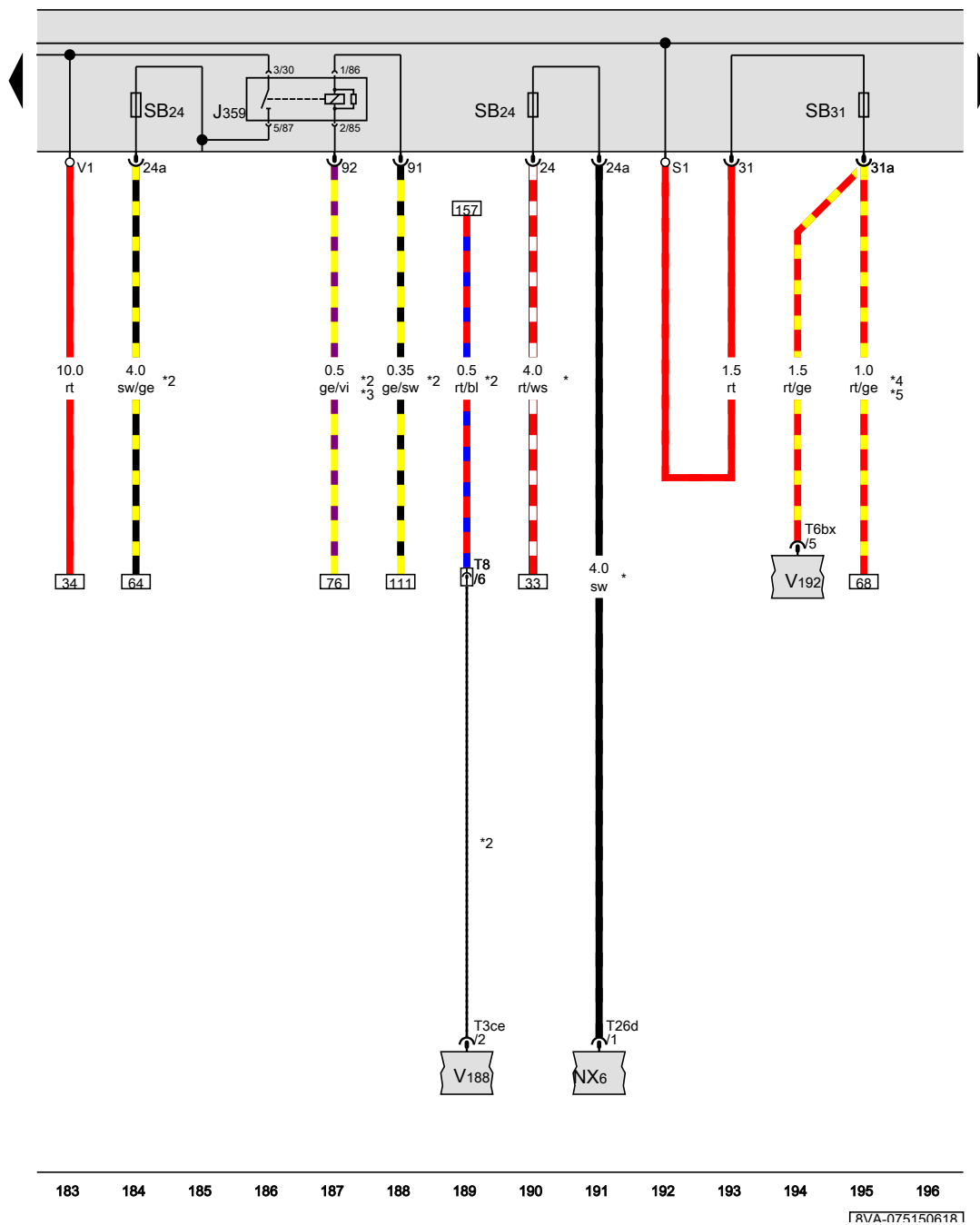
- J179 Automatic glow period control unit
- J883 Exhaust flap control unit
- J945 Exhaust flap control unit 2
- N70 Ignition coil 1 with output stage
- N127 Ignition coil 2 with output stage
- N288 Fuel tank shut-off valve
- N291 Ignition coil 3 with output stage
- N292 Ignition coil 4 with output stage
- SB9 Fuse 9 on fuse holder B
- T3az 3-pin connector
- T3ba 3-pin connector
- T4aa 4-pin connector
- T4bu 4-pin connector
- T4bv 4-pin connector
- T4bw 4-pin connector
- T4bx 4-pin connector
- T14 14-pin connector
- T17c 17-pin connector

- B350 Positive connection 1 (87a) in main wiring harness
- D181 Connection 2 (87a), in engine compartment wiring harness
- D189 Connection (87a) in engine prewiring harness
- D205 Connection 3 (87a) in engine prewiring harness

- * For models with hybrid drive system
- *2 For models with diesel engine
- *3 For models with 1.8l engine
- *4 For models with 2.0l engine
- *5 Wiring colour depends on equipment
- *6 For models with 1.4l engine
- *7 For models with 1.2l engine
- *8 For models with 1.0l petrol engine

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

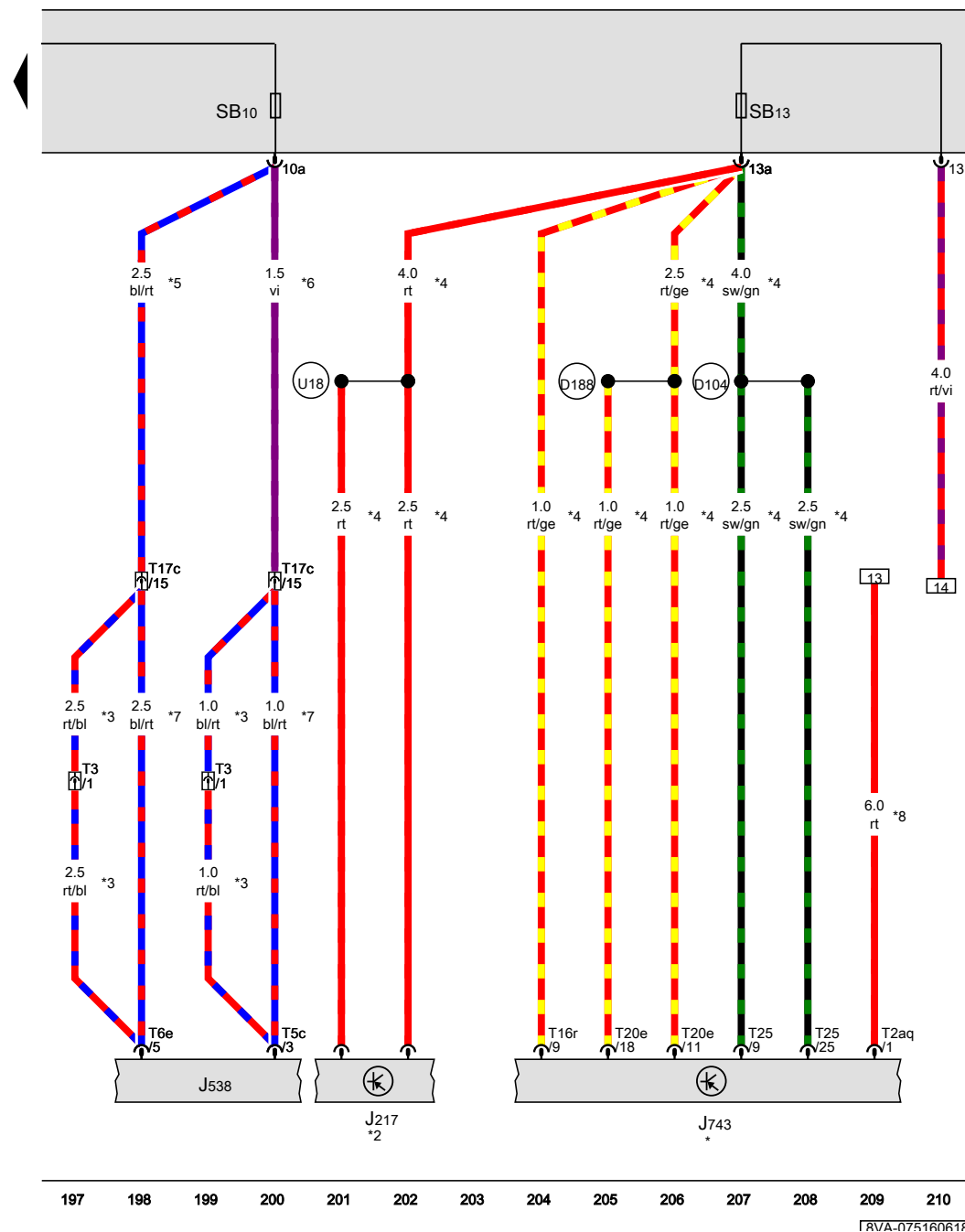
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Low heat output relay, Fuse 24 on fuse holder B, Fuse 31 on fuse holder B

J359	Low heat output relay
NX6	Brake servo
SB24	Fuse 24 on fuse holder B
SB31	Fuse 31 on fuse holder B
T3ce	3-pin connector
T6bx	6-pin connector
T8	8-pin connector
T26d	26-pin connector
V188	Charge air cooling pump
V192	Vacuum pump for brakes
*	For models with hybrid drive system
*2	For models with diesel engine
*3	see applicable current flow diagram for engine
*4	For models with petrol engine
*5	According to equipment

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink



Fuse 10 on fuse holder B, Fuse 13 on fuse holder B

- J217 Automatic gearbox control unit
- J538 Fuel pump control unit
- J743 Mechatronic unit for dual clutch gearbox
- SB10 Fuse 10 on fuse holder B
- SB13 Fuse 13 on fuse holder B
- T2aq 2-pin connector
- T3 3-pin connector
- T5c 5-pin connector
- T6e 6-pin connector
- T16r 16-pin connector
- T17c 17-pin connector
- T20e 20-pin connector
- T25 25-pin connector

- D104 Positive connection 2 (30a), in engine compartment wiring harness
- D188 Positive connection 3 (30a), in engine compartment wiring harness
- U18 Positive connection (30a), in automatic gearbox wiring harness
- * see applicable current flow diagram for dual clutch gearbox
- *2 see applicable current flow diagram for automatic gearbox
- *3 For models with auxiliary heating
- *4 According to equipment
- *5 For models with diesel engine
- *6 For models with petrol engine
- *7 For models with no auxiliary heater
- *8 For models with hybrid drive system

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Fuse holder C

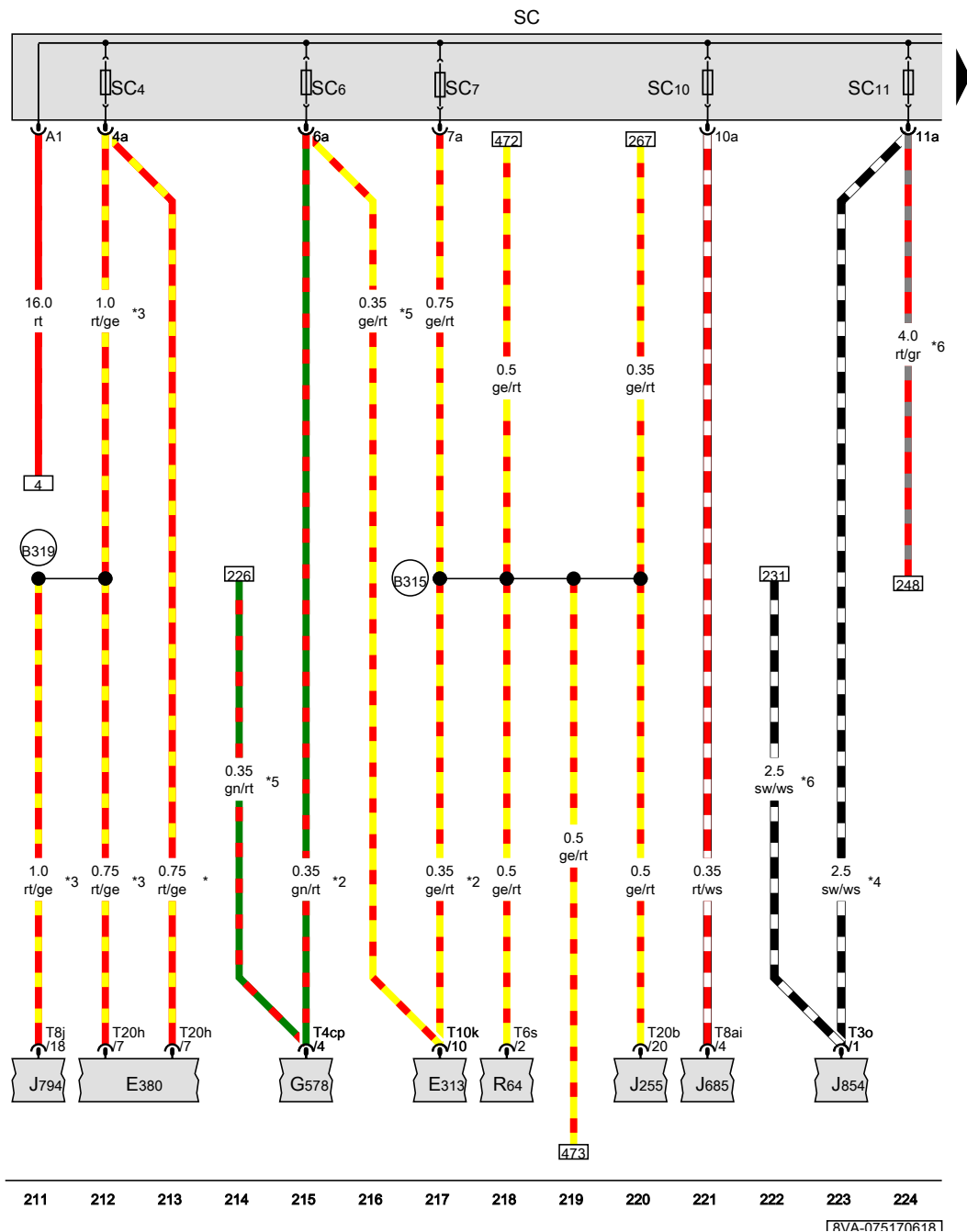
- E313 Selector lever
- E380 Multimedia system operating unit
- G578 Anti-theft alarm sensor
- J255 Climatronic control unit
- J685 Display unit for front information display and operating unit control unit
- J794 Control unit 1 for information electronics
- J854 Control unit for front left belt tensioner
- R64 Remote control receiver for auxiliary heater
- SC Fuse holder C
- SC4 Fuse 4 on fuse holder C
- SC6 Fuse 6 on fuse holder C
- SC7 Fuse 7 on fuse holder C
- SC10 Fuse 10 on fuse holder C
- SC11 Fuse 11 on fuse holder C
- T3o 3-pin connector
- T4cp 4-pin connector
- T6s 6-pin connector
- T8ai 8-pin connector
- T8j 8-pin connector
- T10k 10-pin connector
- T20b 20-pin connector
- T20h 20-pin connector

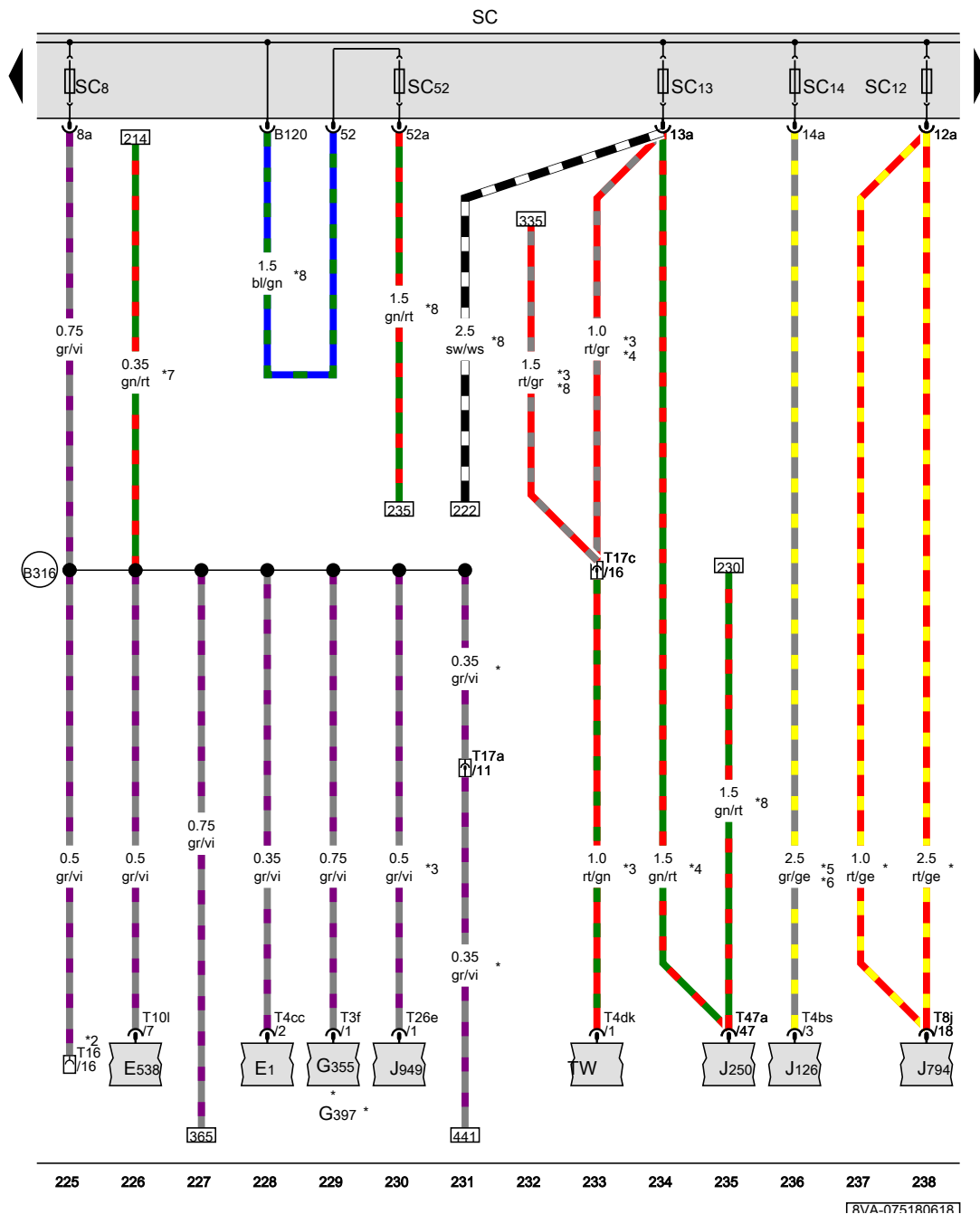
B315 Positive connection 1 (30a) in main wiring harness

B319 Positive connection 5 (30a) in main wiring harness

- * According to equipment
- *2 Up to April 2015
- *3 For models with Bang & Olufsen sound system
- *4 Up to April 2017
- *5 From May 2015
- *6 From May 2017

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



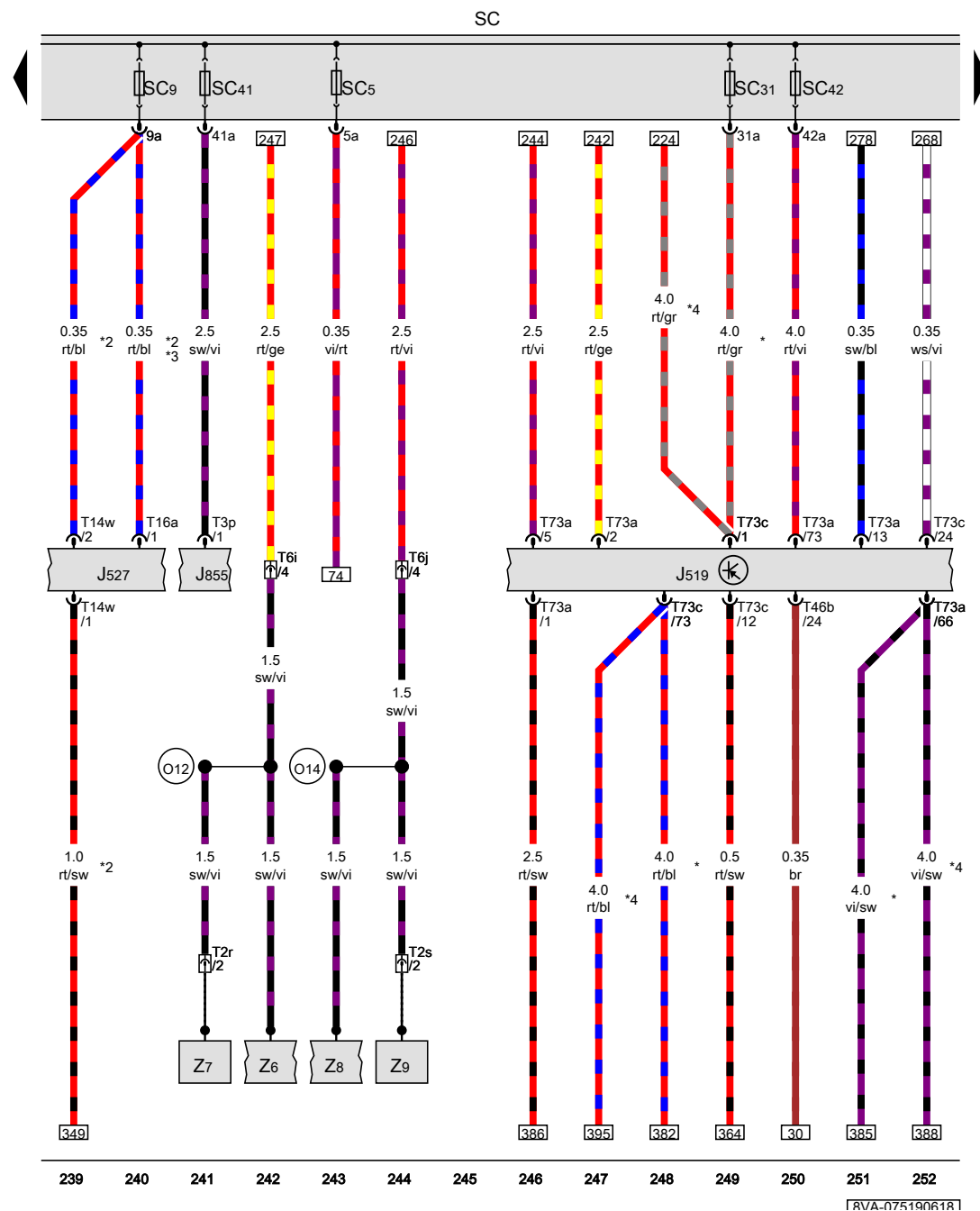


Fuse holder C

- E1 Light switch
- E538 Electromechanical parking brake button
- G355 Humidity sender
- G397 Rain and light sensor
- J126 Fresh air blower control unit
- J250 Electronically controlled damping control unit
- J794 Control unit 1 for information electronics
- J949 Emergency call module control unit and communication unit
- SC Fuse holder C
- SC8 Fuse 8 on fuse holder C
- SC12 Fuse 12 on fuse holder C
- SC13 Fuse 13 on fuse holder C
- SC14 Fuse 14 on fuse holder C
- SC52 Fuse 52 on fuse holder C
- T3f 3-pin connector
- T4bs 4-pin connector
- T4cc 4-pin connector
- T4dk 4-pin connector
- T8j 8-pin connector
- T10l 10-pin connector
- T16 16-pin connector
- T17a 17-pin connector, black
- T17c 17-pin connector
- T26e 26-pin connector
- T47a 47-pin connector
- TW Maintenance connector for high-voltage system
- B316 Positive connection 2 (30a) in main wiring harness

- * According to equipment
- *2 Diagnostic connection
- *3 For models with hybrid drive system
- *4 Up to April 2017
- *5 Different wire colour possible
- *6 Cross-section 4.0 possible
- *7 From May 2015
- *8 From May 2017

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

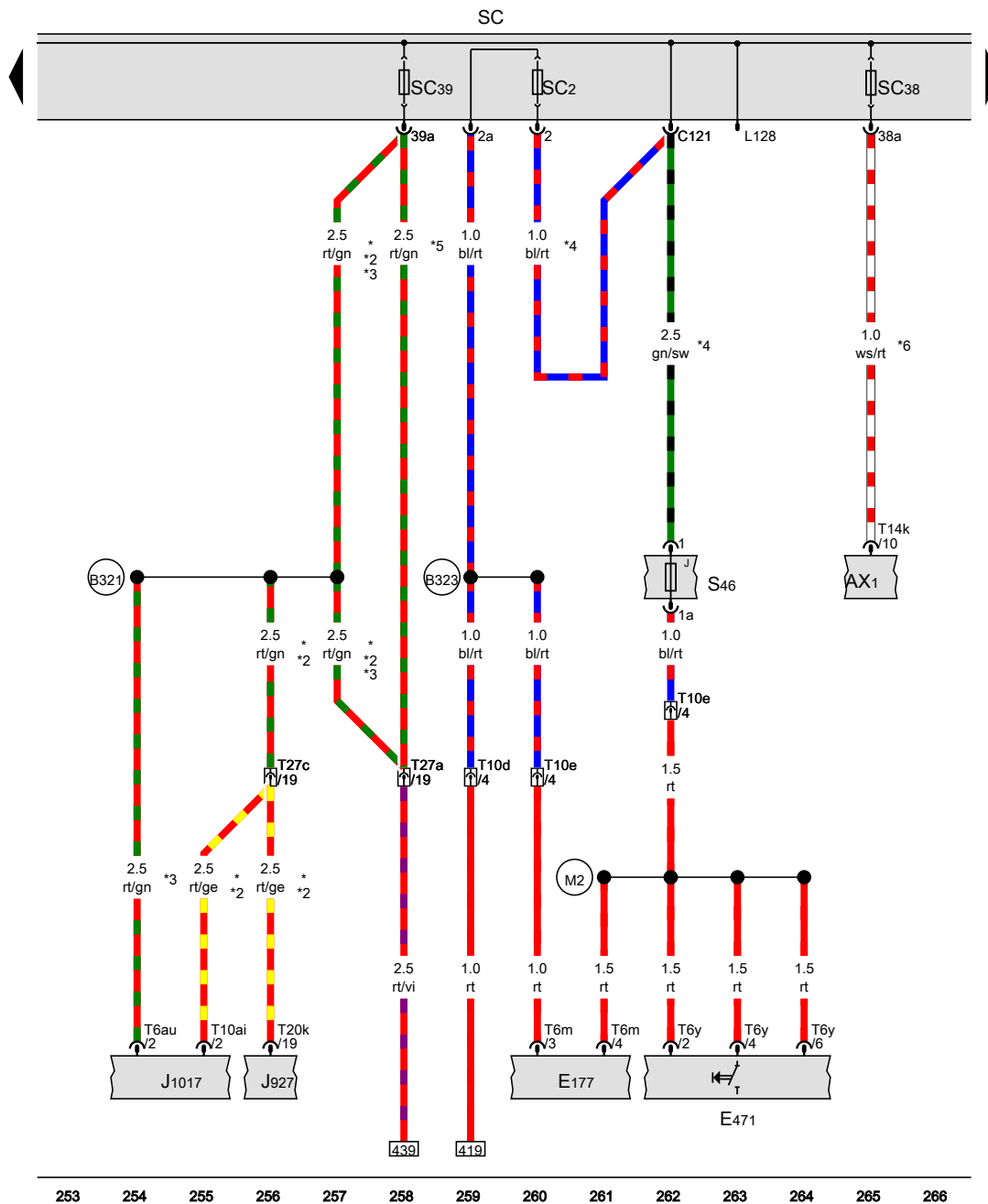


Fuse holder C

- J519 Onboard supply control unit
- J527 Steering column electronics control unit
- J855 Control unit for front right belt tensioner
- SC Fuse holder C
- SC5 Fuse 5 on fuse holder C
- SC9 Fuse 9 on fuse holder C
- SC31 Fuse 31 on fuse holder C
- SC41 Fuse 41 on fuse holder C
- SC42 Fuse 42 on fuse holder C
- T2r 2-pin connector
- T2s 2-pin connector
- T3p 3-pin connector
- T6i 6-pin connector
- T6j 6-pin connector
- T14w 14-pin connector, black
- T16a 16-pin connector
- T46b 46-pin connector
- T73a 73-pin connector
- T73c 73-pin connector
- Z6 Heated seat cushion for driver seat
- Z7 Heated backrest for driver seat
- Z8 Heated seat cushion for front passenger seat
- Z9 Heated backrest for front passenger seat

- O12 Connection 1, in seat heating wiring harness
- O14 Connection 3, in seat heating wiring harness

- * Up to April 2017
- *2 According to equipment
- *3 For models with no heated steering wheel
- *4 From May 2017



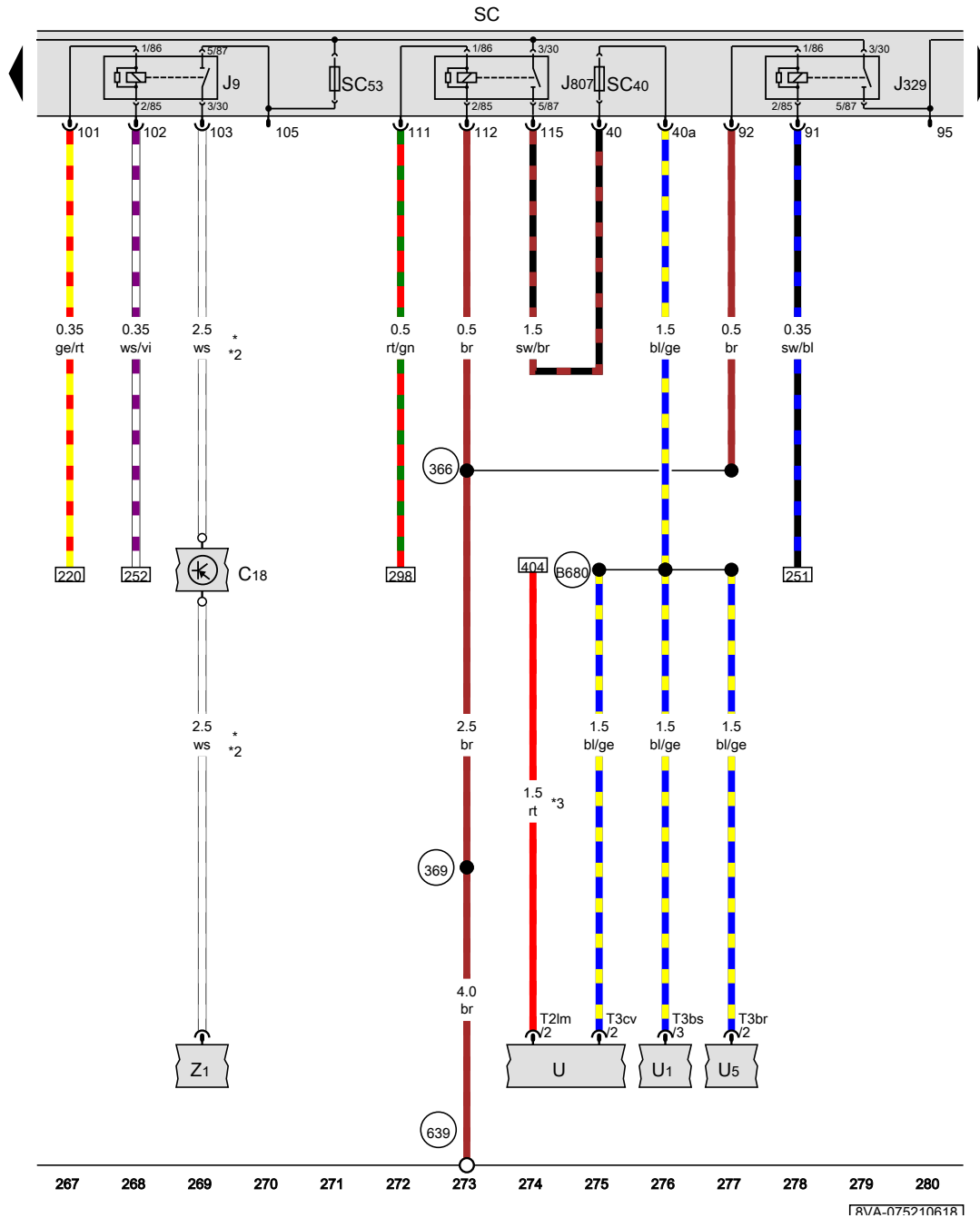
Fuse holder C, Front passenger seat adjustment thermal fuse 1

- AX1 Hybrid battery unit
- E177 Front passenger seat lumbar support adjustment switch
- E471 Front passenger seat adjustment operating unit
- J927 Rear passenger side door control unit
- J1017 Control unit with rear passenger side window regulator motor
- SC Fuse holder C
- SC2 Fuse 2 on fuse holder C
- SC38 Fuse 38 on fuse holder C
- SC39 Fuse 39 on fuse holder C
- S46 Front passenger seat adjustment thermal fuse 1
- T6au 6-pin connector
- T6m 6-pin connector
- T6y 6-pin connector
- T10ai 10-pin connector
- T10d 10-pin connector, in coupling point for front seat, left
- T10e 10-pin connector, in coupling point for front seat, right
- T14k 14-pin connector
- T20k 20-pin connector
- T27a 27-pin connector, on right A-pillar
- T27c 27-pin connector, on right B-pillar

- B321 Positive connection 7 (30a) in main wiring harness
- B323 Positive connection 9 (30a) in main wiring harness
- M2 Positive connection 2 (30), in seat adjustment wiring harness

- * For models with 5 doors
- *2 For models with 4 doors
- *3 For Cabriolet models
- *4 According to equipment
- *5 For models with 3 doors
- *6 For models with hybrid drive system

- ws = white
- sw = black
- ro = red
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- br = brown
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- bl = blue
- gr = grey
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- vi = purple
- ge = yellow
- or = orange
- rs = pink



Heated rear window relay, Terminal 15 voltage supply relay, Relay for power sockets, Fuse holder C

- C18 Window aerial suppression filter
- J9 Heated rear window relay
- J329 Terminal 15 voltage supply relay
- J807 Relay for power sockets
- SC Fuse holder C
- SC40 Fuse 40 on fuse holder C
- SC53 Fuse 53 on fuse holder C
- T2lm 2-pin connector
- T3br 3-pin connector
- T3bs 3-pin connector
- T3cv 3-pin connector
- U Electric socket
- U1 Cigarette lighter
- U5 12 V socket
- Z1 Heated rear window

366 Earth connection 1, in main wiring harness

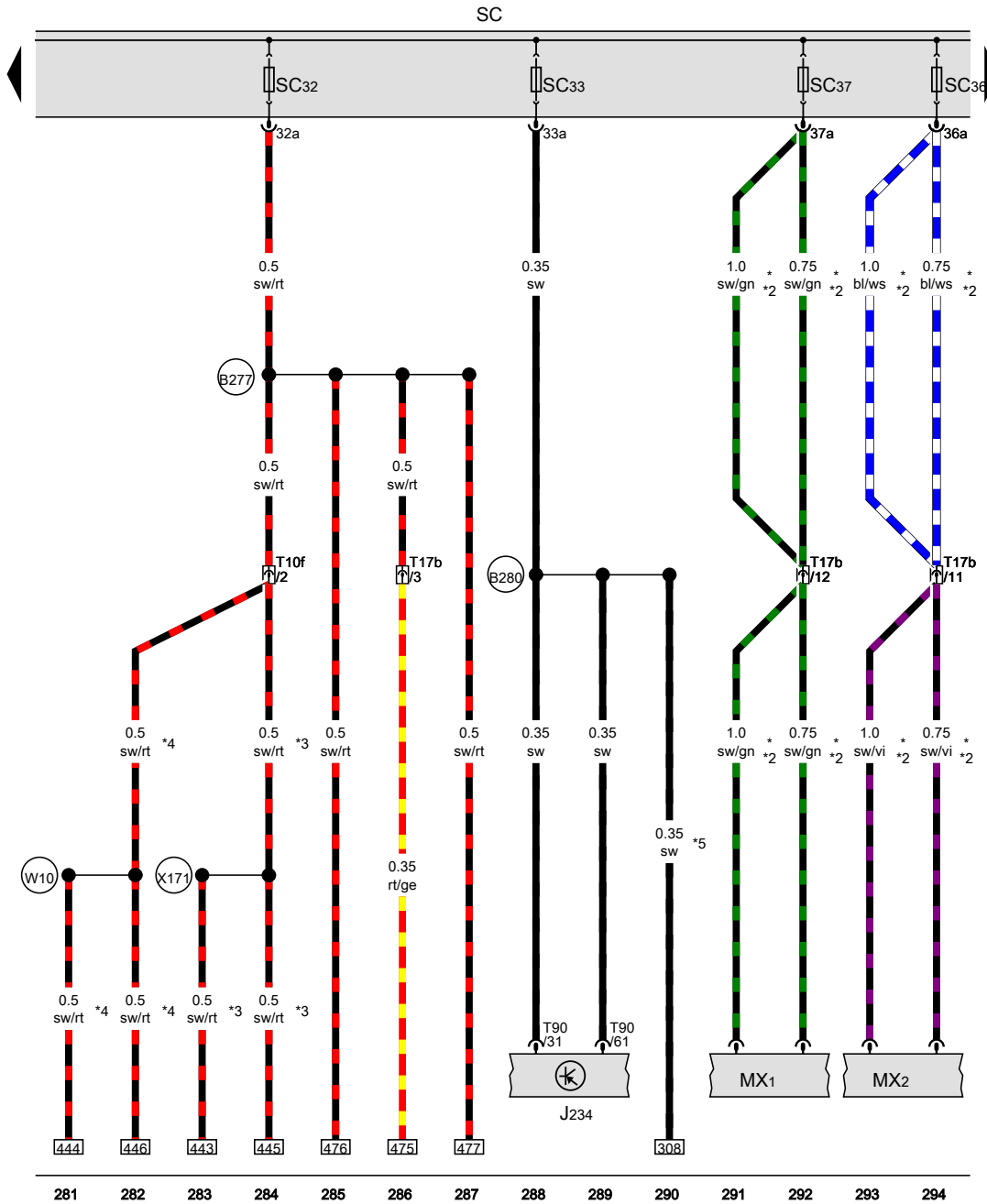
369 Earth connection 4, in main wiring harness

639 Earth point, left A-pillar

B680 Connection (electric socket), in interior wiring harness

- * Cross section depends on equipment
- *2 see applicable current flow diagram for basic equipment
- *3 see applicable current flow diagram for special purpose vehicles

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
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Airbag control unit, Fuse holder C

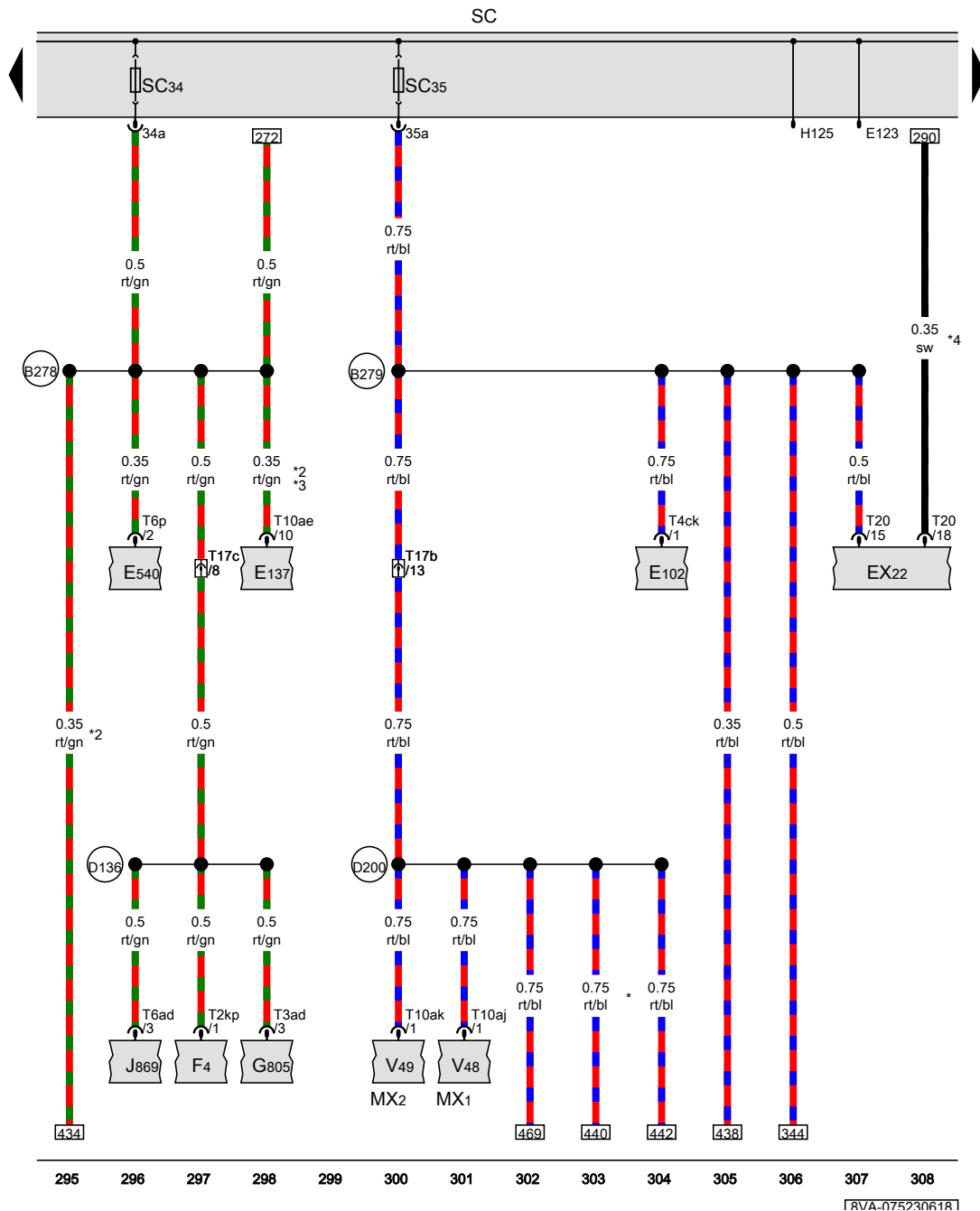
- J234 Airbag control unit
- MX1 Front left headlight
- MX2 Front right headlight
- SC Fuse holder C
- SC32 Fuse 32 on fuse holder C
- SC33 Fuse 33 on fuse holder C
- SC36 Fuse 36 on fuse holder C
- SC37 Fuse 37 on fuse holder C
- T10f 10-pin connector
- T17b 17-pin connector
- T90 90-pin connector

- B277 Positive connection 1 (15a) in main wiring harness
- B280 Positive connection 4 (15a) in main wiring harness
- W10 Positive connection (15), in interior light wiring harness
- X171 Connection (15), rear bumper wiring harness

- * According to equipment
- *2 see applicable current flow diagram for headlights
- *3 Up to April 2016
- *4 From May 2016
- *5 see applicable current flow diagram for airbag

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

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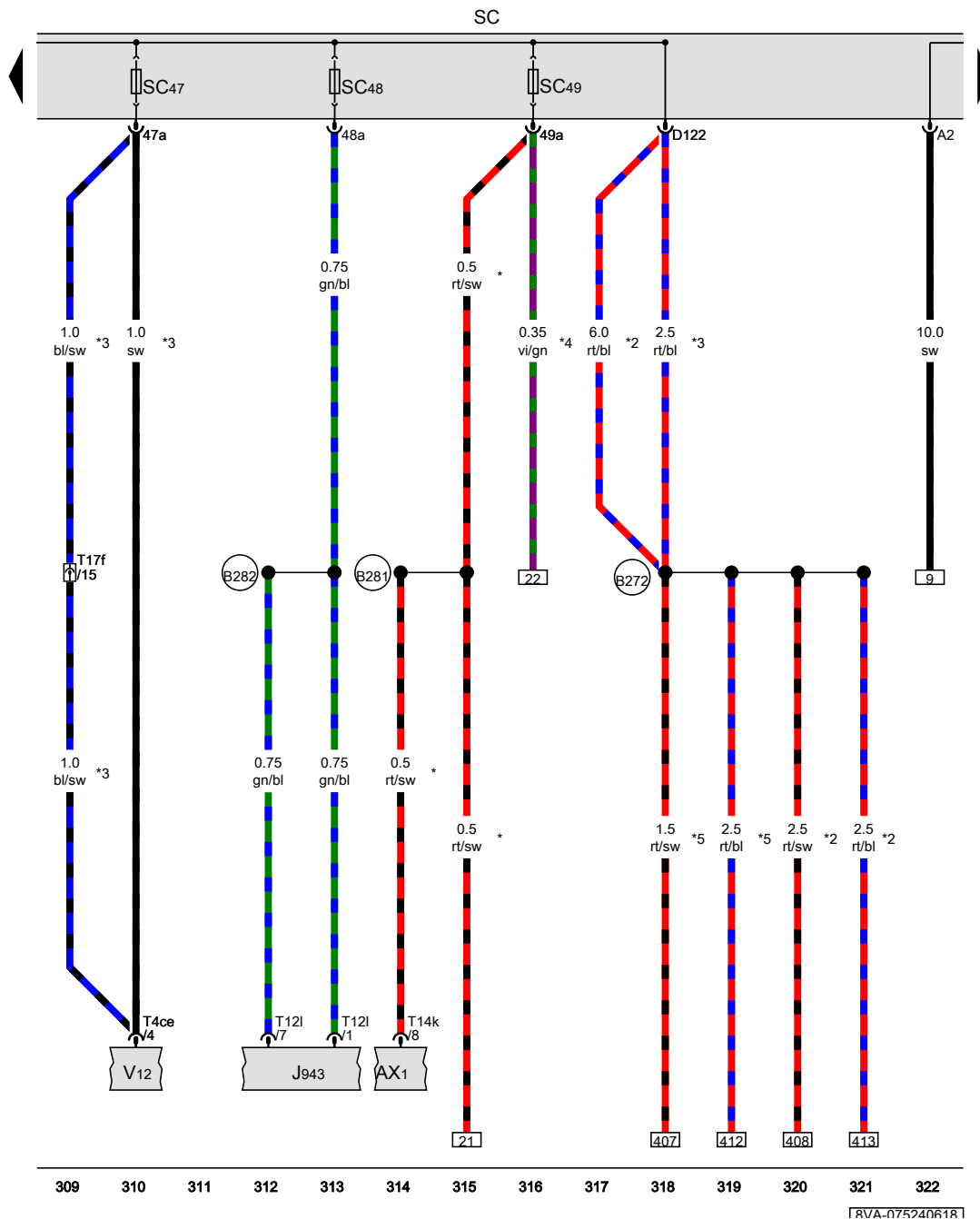
Fuse holder C

- EX22 Centre switch module in dash panel
- E102 Headlight range control regulator
- E137 Convertible roof actuation button
- E540 Auto-hold button
- F4 Reversing light switch
- G805 Pressure sender for refrigerant circuit
- J869 Control unit for structure-borne sound
- MX1 Front left headlight
- MX2 Front right headlight
- SC Fuse holder C
- SC34 Fuse 34 on fuse holder C
- SC35 Fuse 35 on fuse holder C
- T2kp 2-pin connector
- T3ad 3-pin connector
- T4ck 4-pin connector
- T6ad 6-pin connector
- T6p 6-pin connector
- T10ae 10-pin connector
- T10aj 10-pin connector
- T10ak 10-pin connector
- T17b 17-pin connector
- T17c 17-pin connector
- T20 20-pin connector
- V48 Left headlight range control motor
- V49 Right headlight range control motor

- B278 Positive connection 2 (15a) in main wiring harness
- B279 Positive connection 3 (15a) in main wiring harness
- D136 Positive connection 2 (15a), in engine compartment wiring harness
- D200 Positive connection 3 (15a), in engine compartment wiring harness

- * According to equipment
- *2 For Cabriolet models
- *3 see applicable current flow diagram for convertible roof
- *4 see applicable current flow diagram for airbag

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



Fuse holder C

- AX1 Hybrid battery unit
- J943 Engine sound generator control unit
- SC Fuse holder C
- SC47 Fuse 47 on fuse holder C
- SC48 Fuse 48 on fuse holder C
- SC49 Fuse 49 on fuse holder C
- T4ce 4-pin connector
- T12l 12-pin connector
- T14k 14-pin connector
- T17f 17-pin connector
- V12 Rear window wiper motor

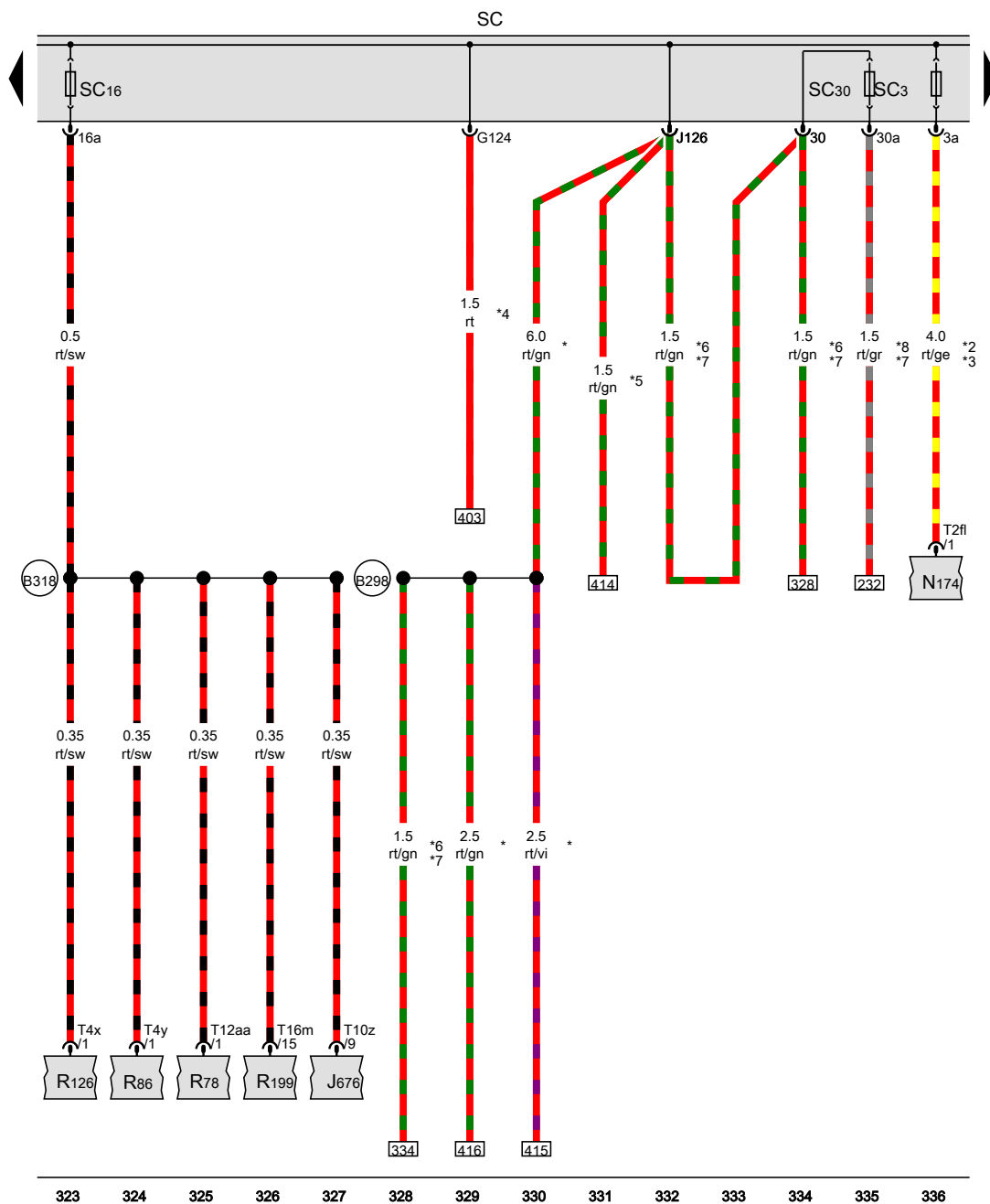
B272 Positive connection (30), in main wiring harness

B281 Positive connection 5 (15a) in main wiring harness

B282 Positive connection 6 (15a) in main wiring harness

- * For models with hybrid drive system
- *2 From May 2014
- *3 According to equipment
- *4 For models with no hybrid drive system
- *5 Up to April 2014

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



Fuse holder C

- J676 Chip card reader control unit
- N174 Hydraulic actuator
- R78 TV tuner
- R86 Aerial amplifier for mobile telephone
- R126 Telephone bracket
- R199 Connection for external audio sources
- SC Fuse holder C
- SC3 Fuse 3 on fuse holder C
- SC16 Fuse 16 on fuse holder C
- SC30 Fuse 30 on fuse holder C
- T2fl 2-pin connector
- T4x 4-pin connector
- T4y 4-pin connector
- T10z 10-pin connector
- T12aa 12-pin connector
- T16m 16-pin connector

B298 Positive connection 2 (30), in main wiring harness

B318 Positive connection 4 (30a) in main wiring harness

* From May 2014

*2 For Cabriolet models

*3 see applicable current flow diagram for convertible roof

*4 see applicable current flow diagram for special purpose vehicles

*5 Up to April 2014

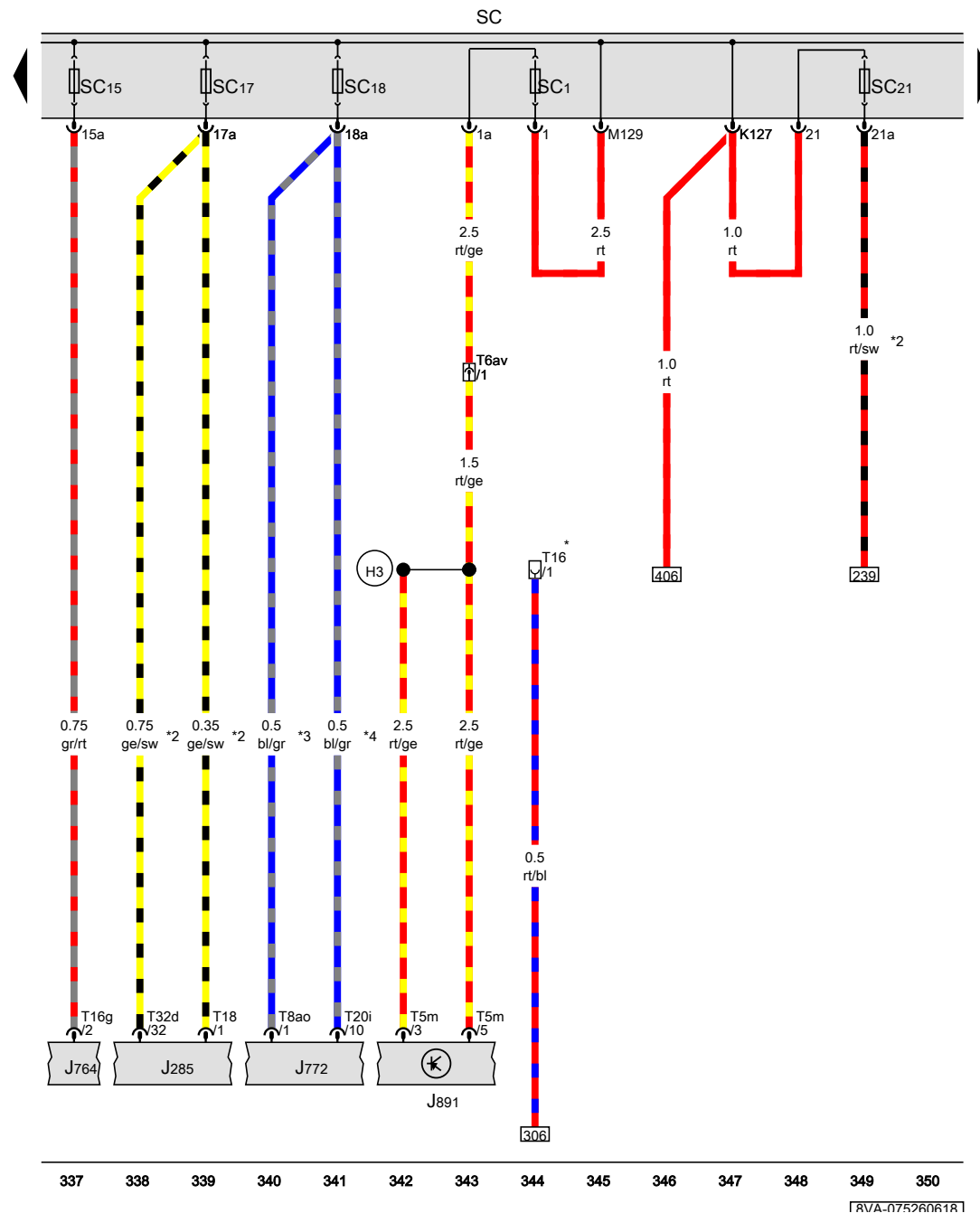
*6 According to equipment

*7 From May 2017

*8 For models with hybrid drive system

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

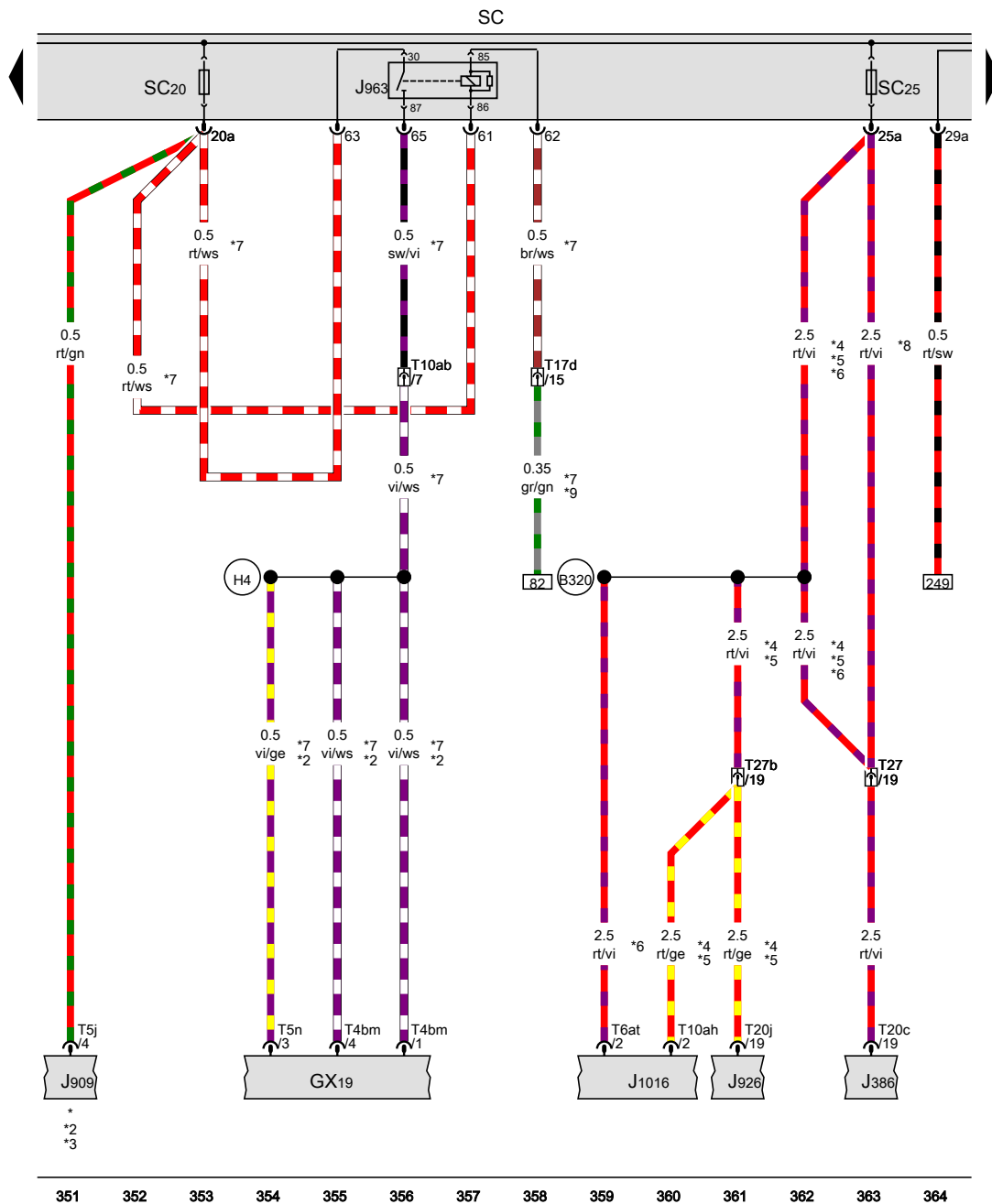
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Fuse holder C

- J285 Control unit in dash panel insert
- J764 Control unit for electronic steering column lock
- J772 Reversing camera system control unit
- J891 Control unit for reducing agent heater
- SC Fuse holder C
- SC1 Fuse 1 on fuse holder C
- SC15 Fuse 15 on fuse holder C
- SC17 Fuse 17 on fuse holder C
- SC18 Fuse 18 on fuse holder C
- SC21 Fuse 21 on fuse holder C
- T5m 5-pin connector
- T6av 6-pin connector
- T8ao 8-pin connector, black
- T16 16-pin connector
- T16g 16-pin connector
- T18 18-pin connector
- T20i 20-pin connector
- T32d 32-pin connector, grey
- H3 Connection 1 in wiring harness for reducing agent tank
- * Diagnostic connection
- *2 According to equipment
- *3 From May 2016
- *4 Up to April 2016

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



Relay for reducing agent metering system, Fuse holder C

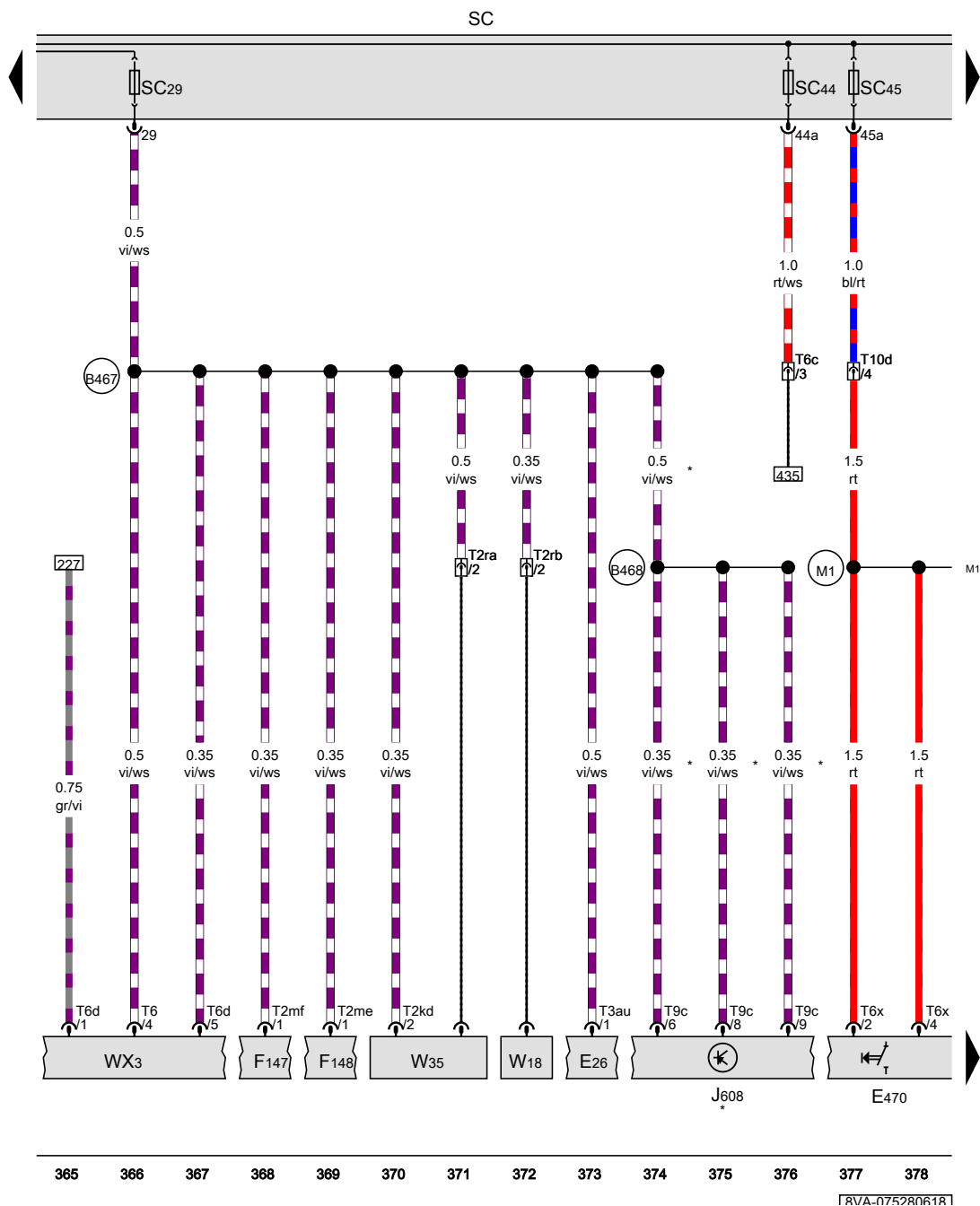
- GX19 Delivery unit for reducing agent metering system
- J386 Driver door control unit
- J909 Control unit for fuel tank leak detection
- J926 Rear driver side door control unit
- J963 Relay for reducing agent metering system
- J1016 Control unit with rear driver side window regulator motor
- SC Fuse holder C
- SC20 Fuse 20 on fuse holder C
- SC25 Fuse 25 on fuse holder C
- T4bm 4-pin connector
- T5j 5-pin connector
- T5n 5-pin connector
- T6at 6-pin connector
- T10ab 10-pin connector
- T10ah 10-pin connector
- T17d 17-pin connector
- T20c 20-pin connector
- T20j 20-pin connector
- T27 27-pin connector, on left A-pillar
- T27b 27-pin connector, on left B-pillar

B320 Positive connection 6 (30a) in main wiring harness

H4 Connection 2 in wiring harness for reducing agent tank

- * For models with petrol engine
- *2 For models with US equipment
- *3 Pre-wired component
- *4 For models with 5 doors
- *5 For models with 4 doors
- *6 For Cabriolet models
- *7 For models with diesel engine
- *8 For models with 3 doors
- *9 see applicable current flow diagram for engine

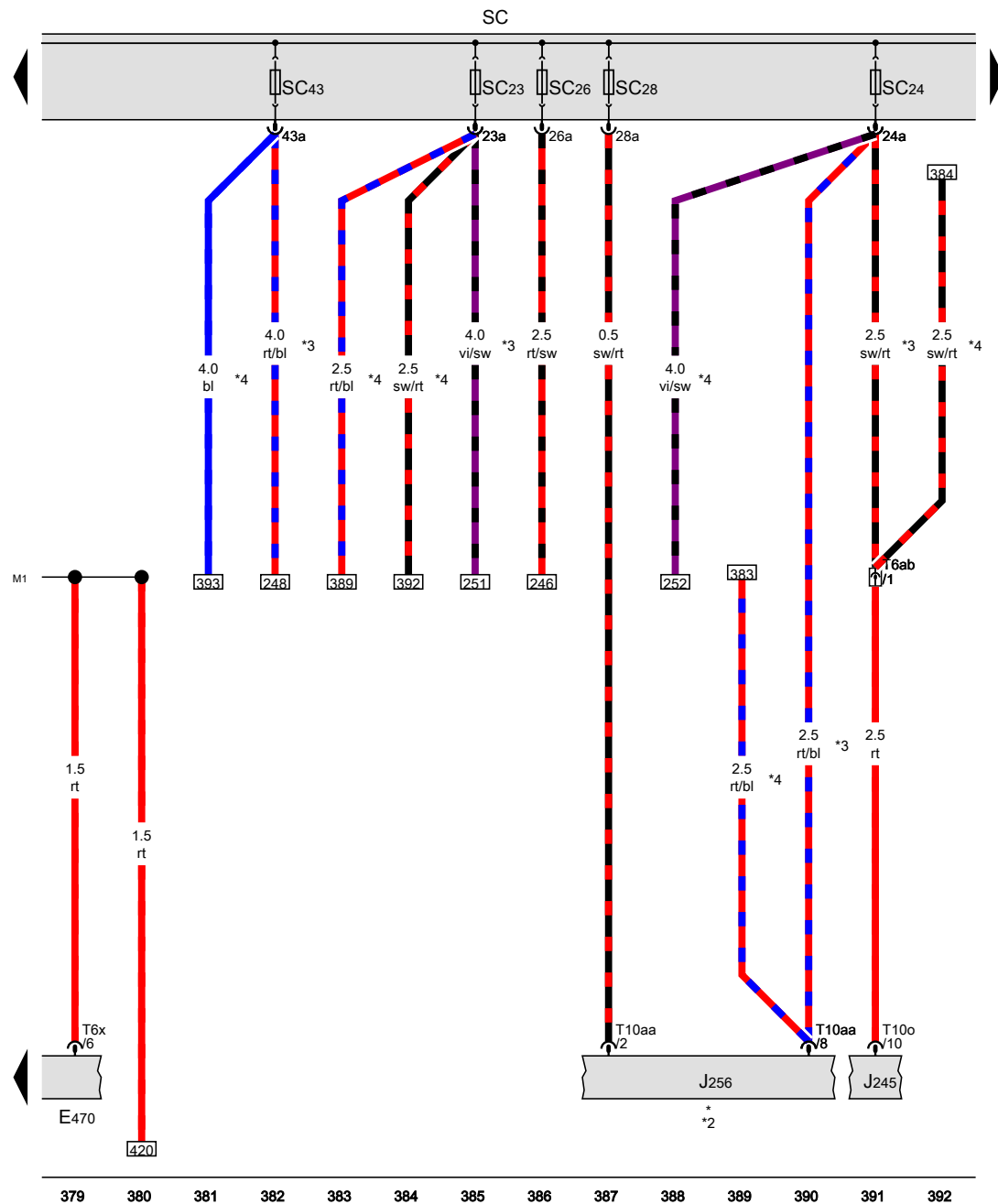
ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink



Fuse holder C

- E26 Glove compartment light switch
- E470 Driver seat adjustment operating unit
- F147 Driver vanity mirror contact switch
- F148 Front passenger vanity mirror contact switch
- J608 Special vehicle control unit
- SC Fuse holder C
- SC29 Fuse 29 on fuse holder C
- SC44 Fuse 44 on fuse holder C
- SC45 Fuse 45 on fuse holder C
- T2kd 2-pin connector
- T2me 2-pin connector
- T2mf 2-pin connector
- T2ra 2-pin connector
- T2rb 2-pin connector
- T3au 3-pin connector
- T6 6-pin connector
- T6c 6-pin connector
- T6d 6-pin connector
- T6x 6-pin connector
- T9c 9-pin connector
- T10d 10-pin connector, in coupling point for front seat, left
- WX3 Front roof module
- W18 Left luggage compartment light
- W35 Right luggage compartment light
- B467 Connection 3, in main wiring harness
- B468 Connection 4, in main wiring harness
- M1 Positive connection 1 (30), in seat adjustment wiring harness
- * see applicable current flow diagram for special purpose vehicles

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



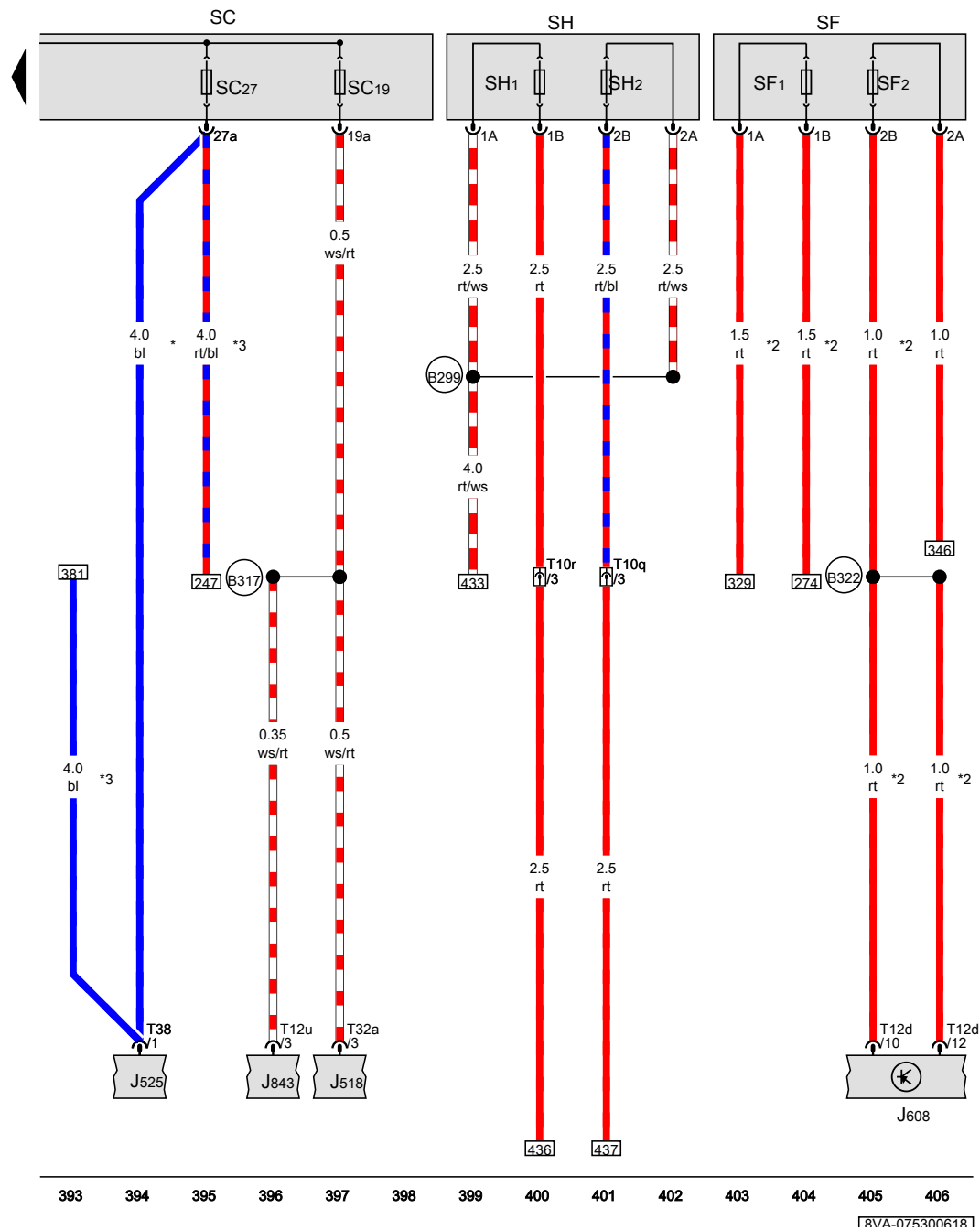
Fuse holder C

- E470 Driver seat adjustment operating unit
- J245 Sliding sunroof adjustment control unit
- J256 Convertible roof actuation control unit
- SC Fuse holder C
- SC23 Fuse 23 on fuse holder C
- SC24 Fuse 24 on fuse holder C
- SC26 Fuse 26 on fuse holder C
- SC28 Fuse 28 on fuse holder C
- SC43 Fuse 43 on fuse holder C
- T6ab 6-pin connector
- T6x 6-pin connector
- T10aa 10-pin connector
- T10o 10-pin connector

M1 Positive connection 1 (30), in seat adjustment wiring harness

- * For Cabriolet models
- *2 see applicable current flow diagram for convertible roof
- *3 Up to April 2017
- *4 From May 2017

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



Fuse holder C, Fuse holder F, Fuse holder H

- J518 Entry and start authorisation control unit
- J525 Digital sound package control unit
- J608 Special vehicle control unit
- J843 Interface control unit for vehicle location system
- SC Fuse holder C
- SF Fuse holder F
- SH1 Fuse 1 in fuse holder H
- SF1 Fuse 1 in fuse holder F
- SH Fuse holder H
- SF2 Fuse 2 in fuse holder F
- SH2 Fuse 2 in fuse holder H
- SC19 Fuse 19 on fuse holder C
- SC27 Fuse 27 on fuse holder C
- T10q 10-pin connector
- T10r 10-pin connector
- T12d 12-pin connector
- T12u 12-pin connector
- T32a 32-pin connector
- T38 38-pin connector

B299 Positive connection 3 (30), in main wiring harness

B317 Positive connection 3 (30a) in main wiring harness

B322 Positive connection 8 (30a) in main wiring harness

* Up to April 2017

*2 see applicable current flow diagram for special purpose vehicles

*3 From May 2017

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

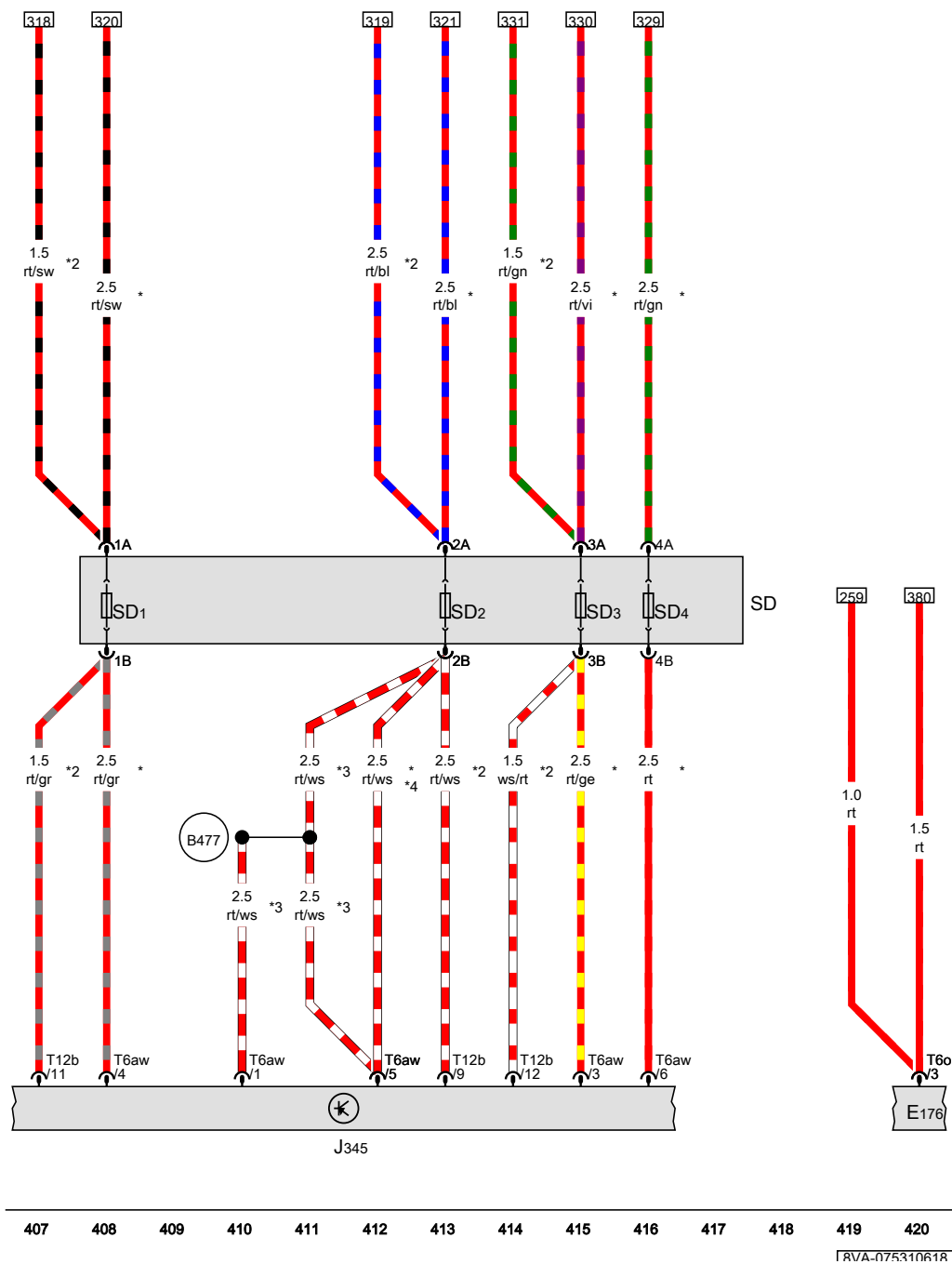
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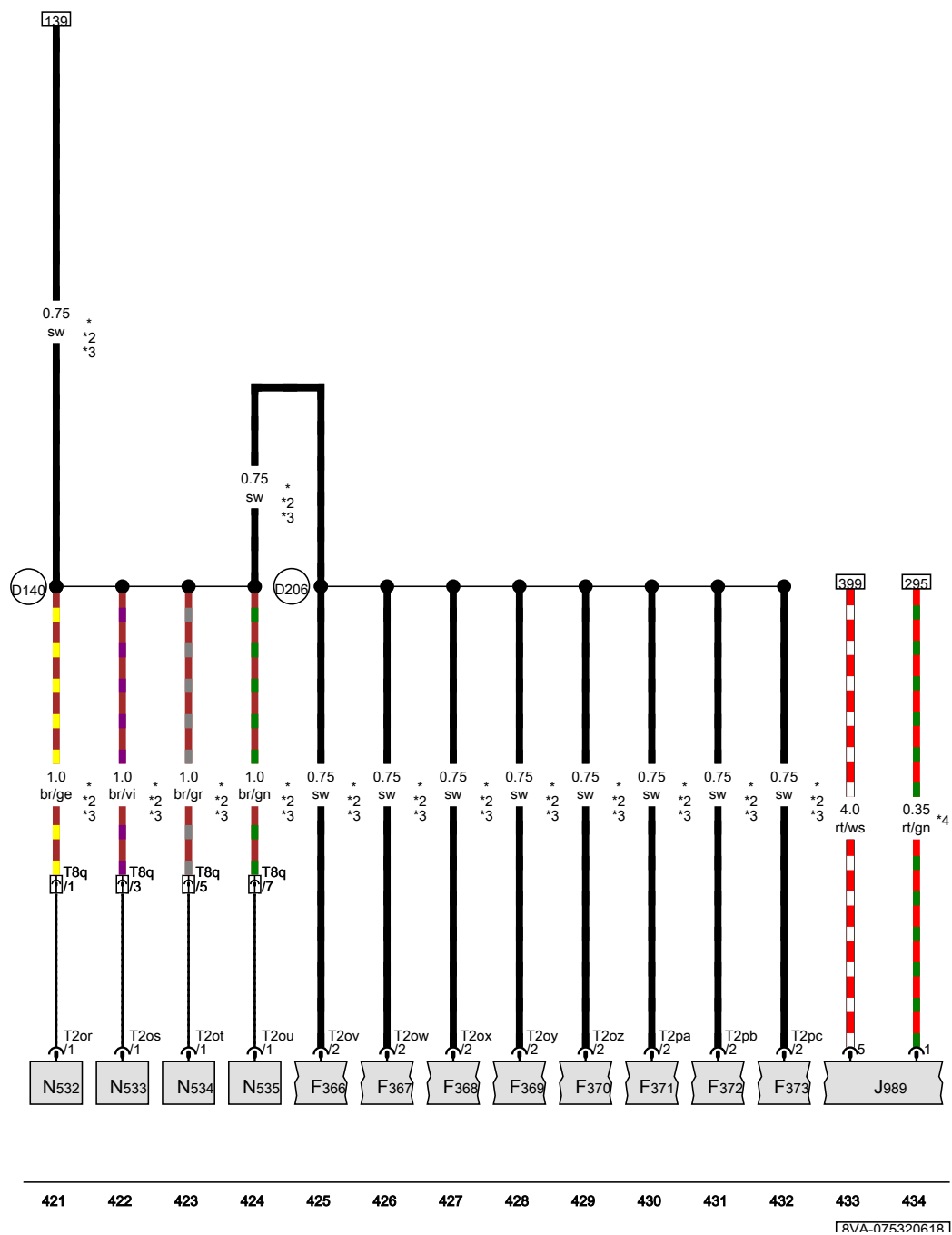
Fuse holder D

- E176 Driver seat lumbar support adjustment switch
- J345 Trailer detector control unit
- SD Fuse holder D
- SD1 Fuse 1 on fuse holder D
- SD2 Fuse 2 on fuse holder D
- SD3 Fuse 3 on fuse holder D
- SD4 Fuse 4 on fuse holder D
- T6aw 6-pin connector
- T6o 6-pin connector
- T12b 12-pin connector

B477 Connection 13, in main wiring harness

- * From May 2014
- *2 Up to April 2014
- *3 From May 2016
- *4 Up to April 2016





Relay for neck heating

- F366 Cam adjustment actuator 1
- F367 Cam adjustment actuator 2
- F368 Cam adjustment actuator 3
- F369 Cam adjustment actuator 4
- F370 Cam adjustment actuator 5
- F371 Cam adjustment actuator 6
- F372 Cam adjustment actuator 7
- F373 Cam adjustment actuator 8
- J989 Relay for neck heating
- N532 Injector 2, cylinder 1
- N533 Injector 2, cylinder 2
- N534 Injector 2, cylinder 3
- N535 Injector 2, cylinder 4
- T2or 2-pin connector
- T2os 2-pin connector
- T2ot 2-pin connector
- T2ou 2-pin connector
- T2ov 2-pin connector
- T2ow 2-pin connector
- T2ox 2-pin connector
- T2oy 2-pin connector
- T2oz 2-pin connector
- T2pa 2-pin connector
- T2pb 2-pin connector
- T2pc 2-pin connector
- T8q 8-pin connector

D140 Connection (injectors), in engine prewiring harness

D206 Connection 4 (87a) in engine prewiring harness

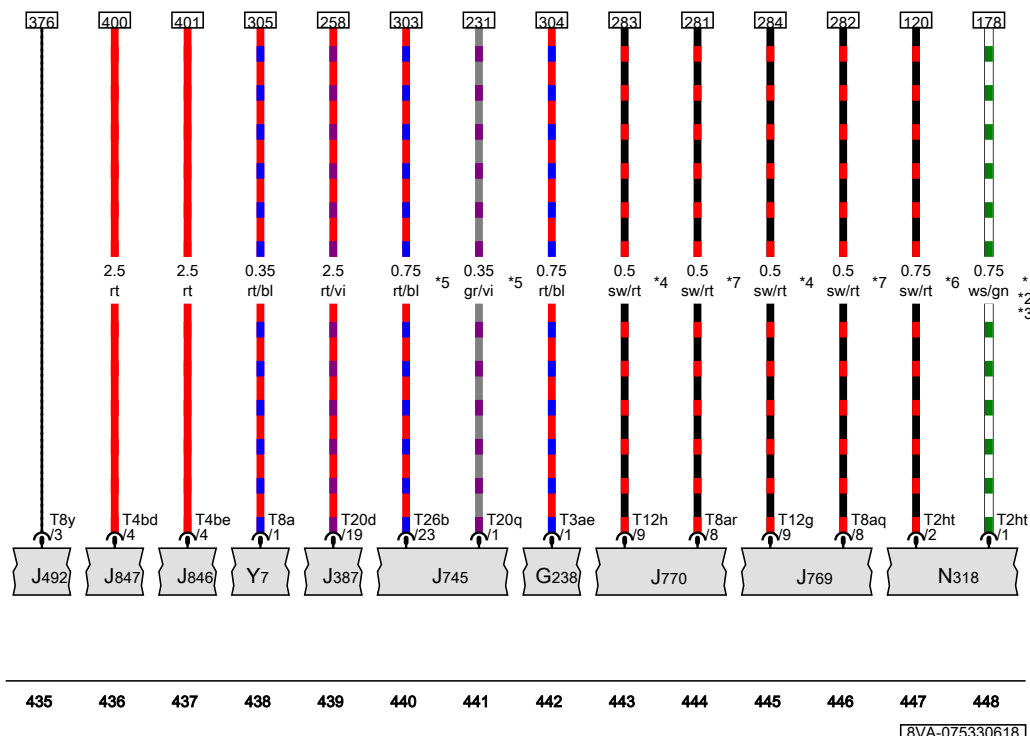
- * For models with 1.8l engine
- *2 For models with 2.0l engine
- *3 For models with petrol engine
- *4 For Cabriolet models

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

18VA-0753206181

Control unit for left neck heating, Control unit for right neck heating

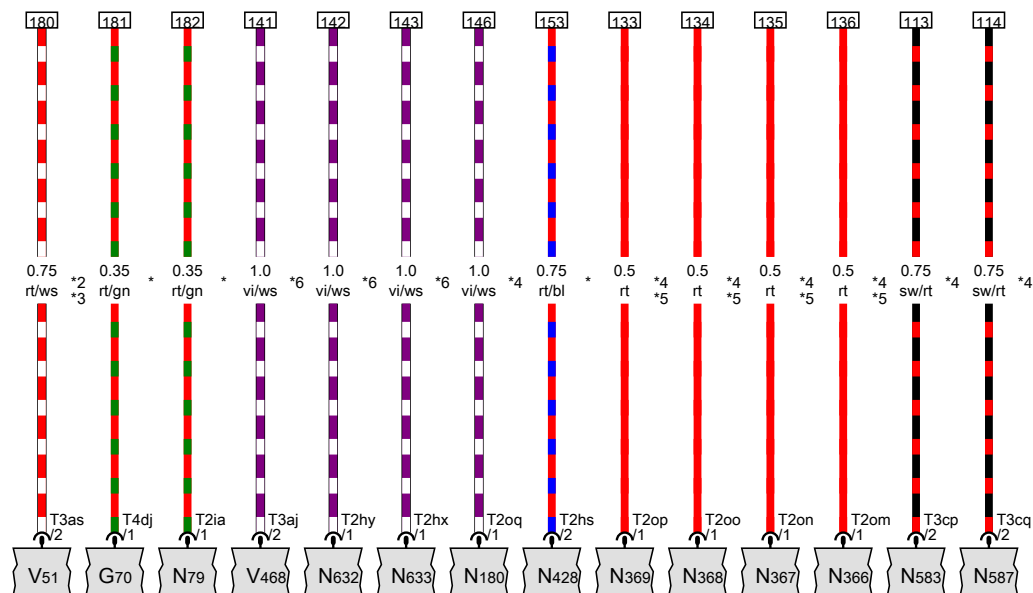
- G238 Air quality sensor
- J387 Front passenger door control unit
- J492 All-wheel drive control unit
- J745 Control unit for cornering light and headlight range control
- J769 Lane change assist control unit
- J770 Lane change assist control unit 2
- J846 Control unit for left neck heating
- J847 Control unit for right neck heating
- N318 Exhaust camshaft control valve 1
- T2ht 2-pin connector
- T3ae 3-pin connector
- T4bd 4-pin connector
- T4be 4-pin connector
- T8a 8-pin connector
- T8aq 8-pin connector
- T8ar 8-pin connector
- T8y 8-pin connector
- T12g 12-pin connector
- T12h 12-pin connector
- T20d 20-pin connector
- T20q 20-pin connector, brown
- T26b 26-pin connector
- Y7 Automatic anti-dazzle interior mirror
- * For models with 1.8l engine
- *2 For models with 2.0l engine
- *3 Wiring colour depends on equipment
- *4 Up to April 2016
- *5 According to equipment
- *6 For models with 1.0l petrol engine
- *7 From May 2016



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- gr = grey
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- or = orange
- rs = pink

Air mass meter, Heater element for crankcase breather,
Valve for oil pressure control

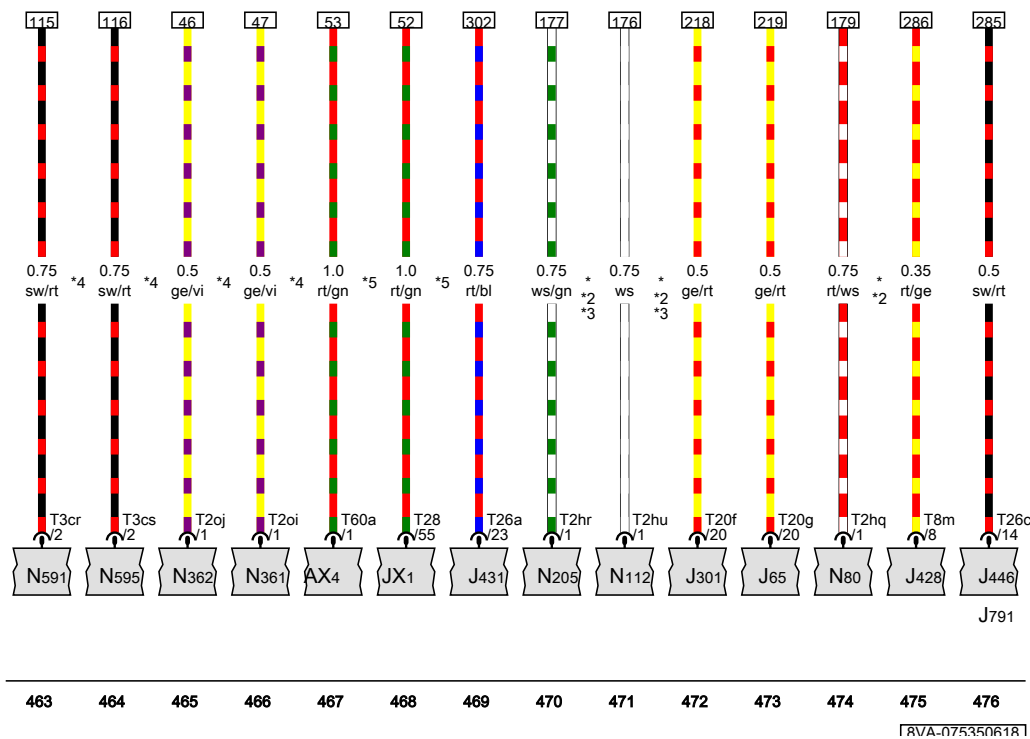
- G70 Air mass meter
- N79 Heater element for crankcase breather
- N180 Changeover valve
- N366 Gas injection valve 1
- N367 Gas injection valve 2
- N368 Gas injection valve 3
- N369 Gas injection valve 4
- N428 Valve for oil pressure control
- N583 Inlet cam actuator for cylinder 2
- N587 Exhaust cam actuator for cylinder 2
- N632 Coolant changeover valve 1
- N633 Coolant changeover valve 2
- T2hs 2-pin connector
- T2hx 2-pin connector
- T2hy 2-pin connector
- T2ia 2-pin connector
- T2om 2-pin connector
- T2on 2-pin connector
- T2oo 2-pin connector
- T2op 2-pin connector
- T2oq 2-pin connector
- T3aj 3-pin connector
- T3as 3-pin connector
- T3cp 3-pin connector
- T3cq 3-pin connector
- T4dj 4-pin connector
- V51 Continued coolant circulation pump
- V468 Coolant pump for low-temperature circuit
- * For models with diesel engine
- *2 For models with 1.8l engine
- *3 For models with 2.0l engine
- *4 For models with 1.4l engine
- *5 For models with natural gas engine
- *6 For models with hybrid drive system



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- gr = grey
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- vi = purple
- ge = yellow
- or = orange
- rs = pink

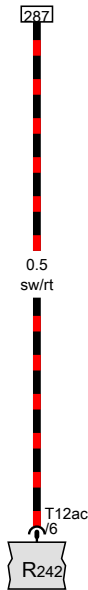
Charging unit 1 for high-voltage battery, Power and control electronics for electric drive, Adaptive cruise control unit, Camshaft control valve 1

- AX4 Charging unit 1 for high-voltage battery
- JX1 Power and control electronics for electric drive
- J65 Heater control unit
- J301 Air conditioning system control unit
- J428 Adaptive cruise control unit
- J431 Headlight range control unit
- J446 Parking aid control unit
- J791 Park assist steering control unit
- N80 Activated charcoal filter solenoid valve 1
- N112 Secondary air inlet valve
- N205 Camshaft control valve 1
- N361 Fuel tank shut-off valve 1
- N362 Fuel tank shut-off valve 2
- N591 Inlet cam actuator for cylinder 3
- N595 Exhaust cam actuator for cylinder 3
- T2hq 2-pin connector
- T2hr 2-pin connector
- T2hu 2-pin connector
- T2oi 2-pin connector
- T2oj 2-pin connector
- T3cr 3-pin connector
- T3cs 3-pin connector
- T8m 8-pin connector
- T20f 20-pin connector
- T20g 20-pin connector
- T26a 26-pin connector
- T26c 26-pin connector
- T28 28-pin connector
- T60a 60-pin connector
- * For models with 1.8l engine
- *2 For models with 2.0l engine
- *3 Wiring colour depends on equipment
- *4 For models with 1.4l engine
- *5 For models with hybrid drive system



Front camera for driver assist systems

R242 Front camera for driver assist systems
T12ac 12-pin connector



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- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

477 478 479 480 481 482 483 484 485 486 487 488 489 490

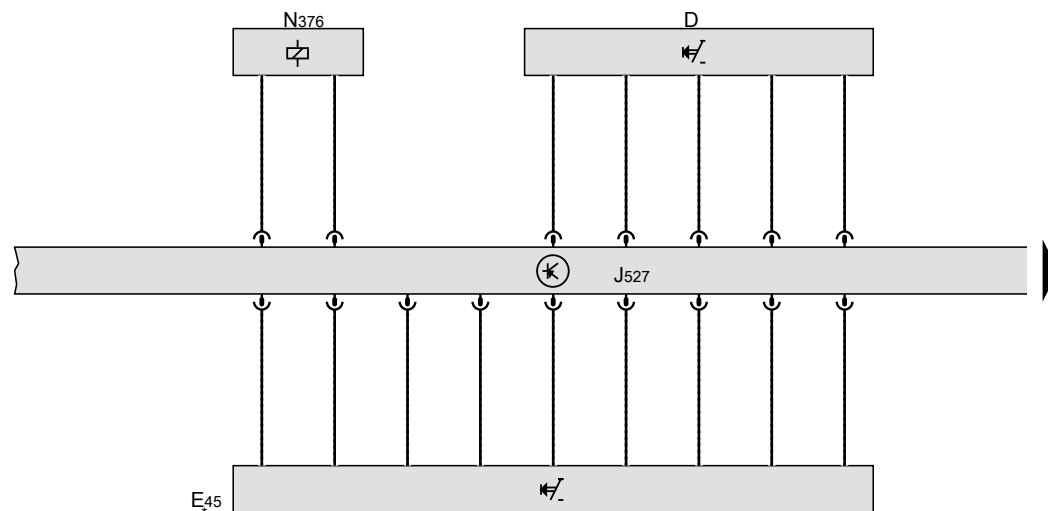
[8VA-075360618]

1.6l diesel engine , CRKB

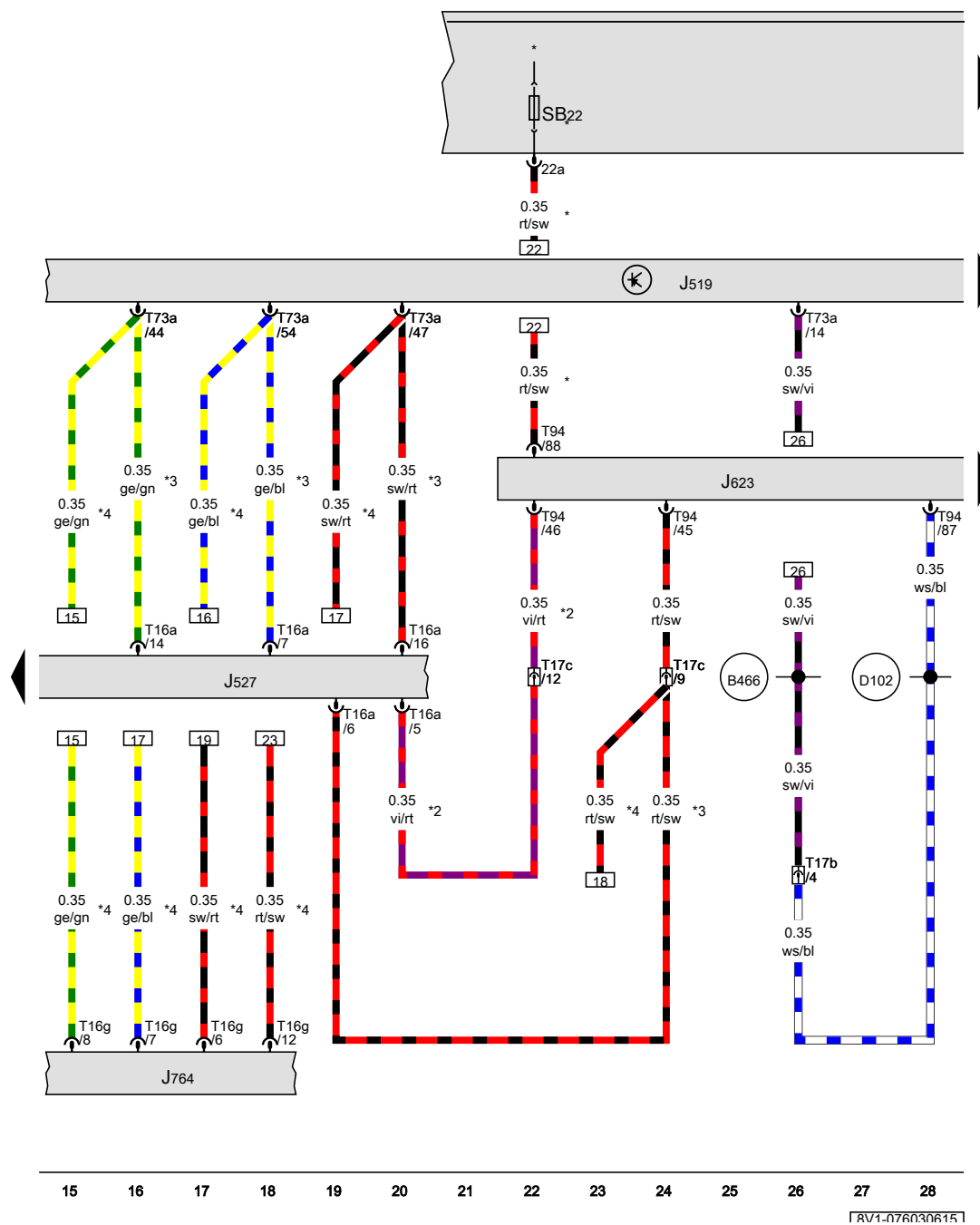
From September 2013

Ignition/starter switch, Cruise control system switch,
Steering column electronics control unit

- D Ignition/starter switch
- E45 Cruise control system switch
- J527 Steering column electronics control unit
- N376 Ignition key withdrawal lock solenoid
- T2z 2-pin connector
- * Only models with cruise control system (CCS)



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- ge = yellow
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- rs = pink



Onboard supply control unit, Steering column electronics control unit, Engine control unit

J519	Onboard supply control unit
J527	Steering column electronics control unit
J623	Engine control unit
J764	Control unit for electronic steering column lock
SB22	Fuse 22 on fuse holder B
T16a	16-pin connector
T16g	16-pin connector
T17b	17-pin connector
T17c	17-pin connector
T73a	73-pin connector
T94	94-pin connector

(B466) Connection 2, in main wiring harness

D102 Connection 2 in engine compartment wiring harness

* see applicable current flow diagram for battery in engine compartment

*2 Only models with cruise control system (CCS)

*3 Only models with no entry and start authorisation

*4 Only models with entry and start authorisation

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rs = pink

Oil level and oil temperature sender, Clutch position sender, Onboard supply control unit, Engine control unit

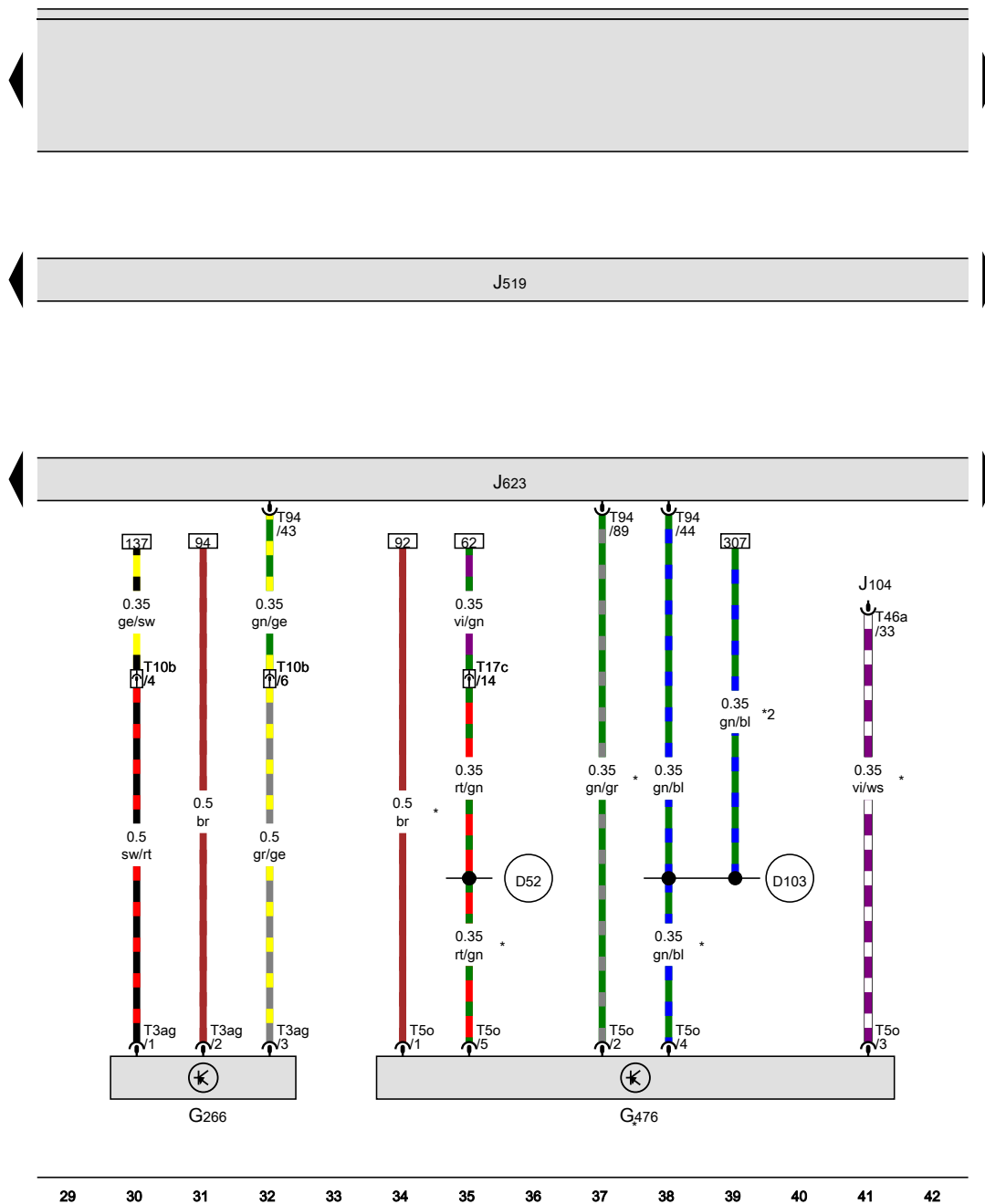
- G266 Oil level and oil temperature sender
- G476 Clutch position sender
- J104 ABS control unit
- J519 Onboard supply control unit
- J623 Engine control unit
- T3ag 3-pin connector
- T5o 5-pin connector
- T10b 10-pin connector
- T17c 17-pin connector
- T46a 46-pin connector, black
- T94 94-pin connector

D52 Positive connection (15a), in engine compartment wiring harness

D103 Connection 3 in engine compartment wiring harness

* Only models with manual gearbox

*2 Only models with dual clutch gearbox



18V1-076040615

Start/Stop operation button, Brake light switch, Brake pedal switch, Onboard supply control unit, Engine control unit

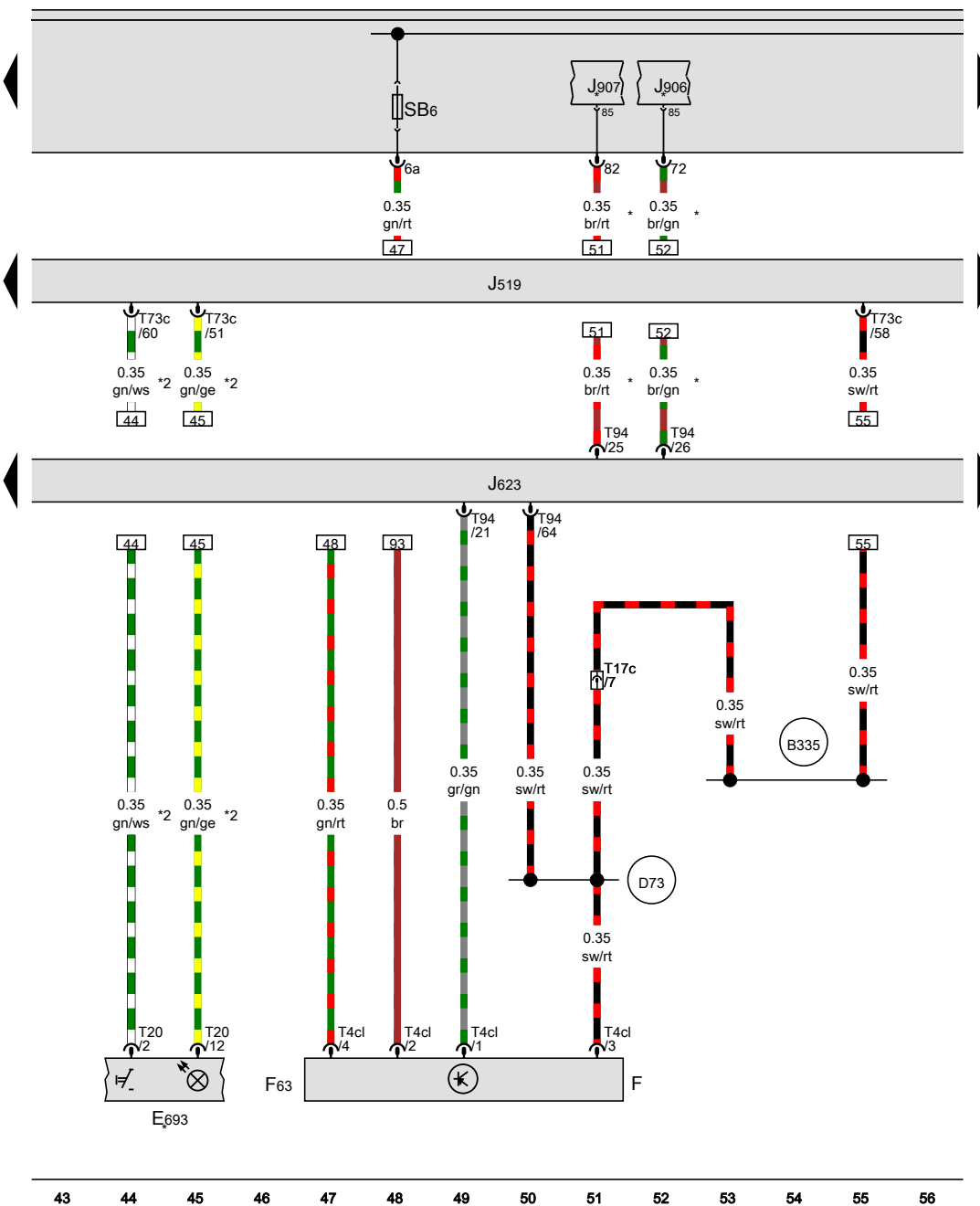
- E693 Start/Stop operation button
- F Brake light switch
- F63 Brake pedal switch
- J519 Onboard supply control unit
- J623 Engine control unit
- J906 Starter relay 1
- J907 Starter relay 2
- SB6 Fuse 6 on fuse holder B
- T4cl 4-pin connector
- T17c 17-pin connector
- T20 20-pin connector
- T73c 73-pin connector
- T94 94-pin connector

B335 Connection 1 (54), in main wiring harness

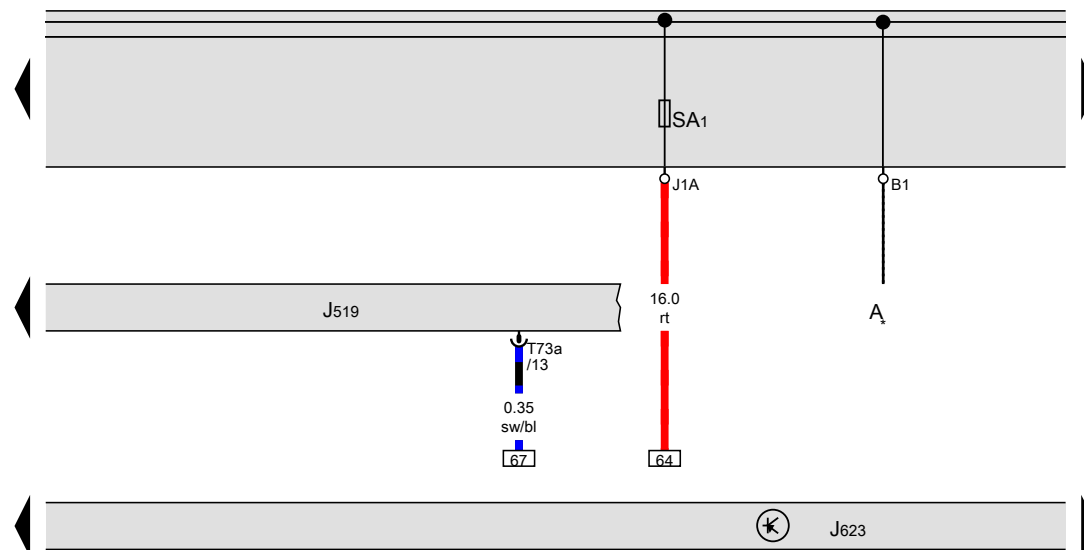
D73 Positive connection (54), in engine compartment wiring harness

* see applicable current flow diagram for battery in engine compartment

*2 Only models with start/stop system



ws = white
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 ro = red
 rt = red
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 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



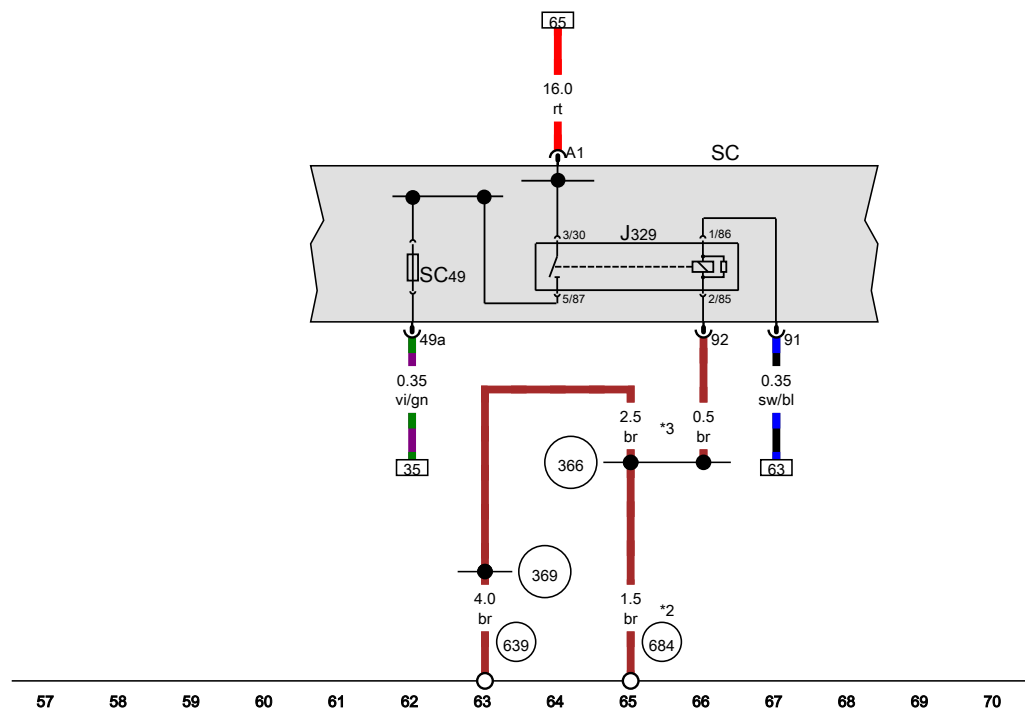
Terminal 15 voltage supply relay, Onboard supply control unit, Engine control unit, Fuse holder C

- A Battery
- J329 Terminal 15 voltage supply relay
- J519 Onboard supply control unit
- J623 Engine control unit
- SA1 Fuse 1 in fuse holder A
- SC Fuse holder C
- SC49 Fuse 49 on fuse holder C
- T73a 73-pin connector
- 366 Earth connection 1, in main wiring harness
- 369 Earth connection 4, in main wiring harness
- 639 Earth point, left A-pillar
- 684 Earth point on front of left side member

* see applicable current flow diagram for battery in engine compartment

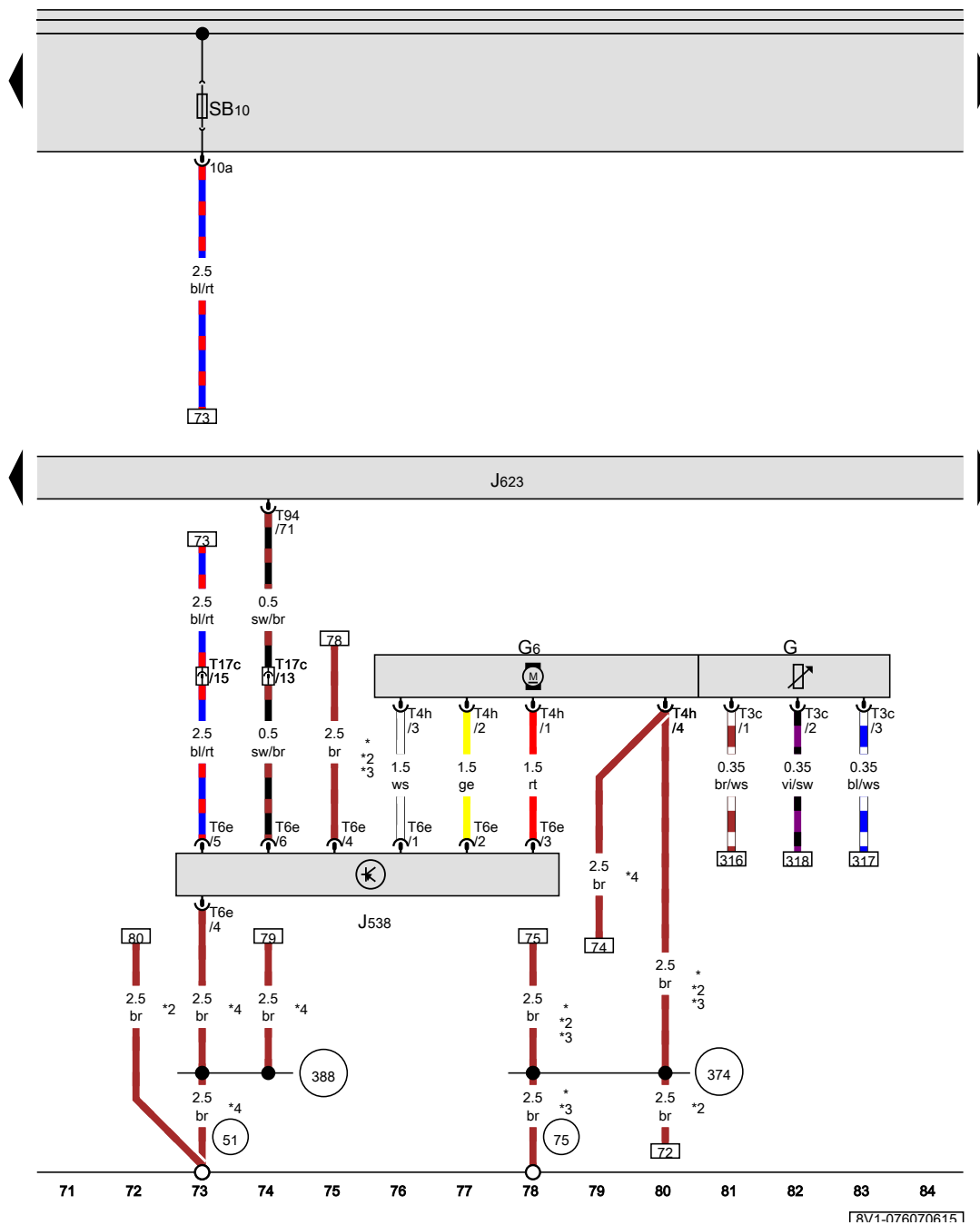
*2 Only right-hand drive models

*3 Only left-hand drive models



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- bl = blue
- gr = grey
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- or = orange
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[RV1-076060615]



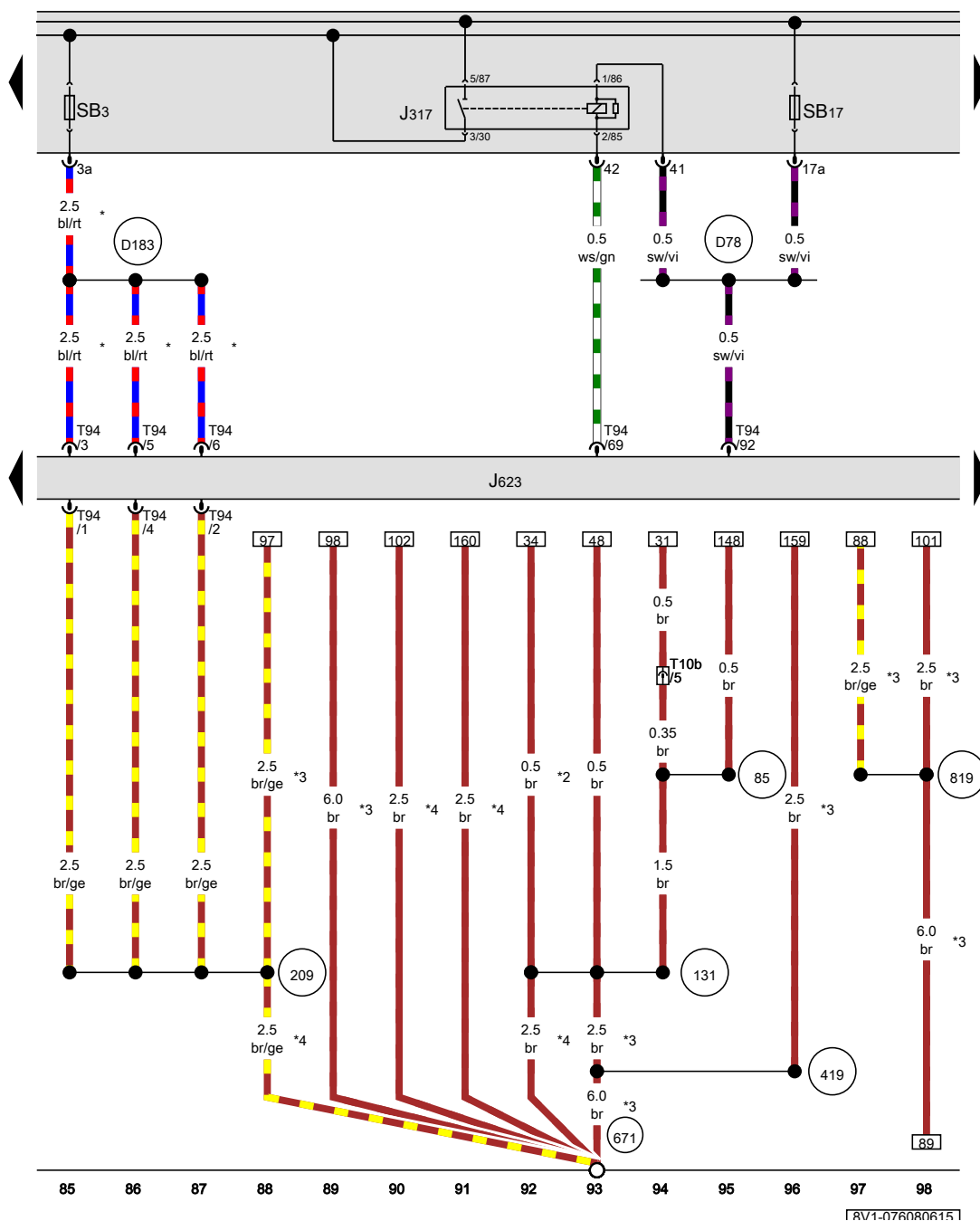
Fuel gauge sender, Fuel system pressurisation pump, Fuel pump control unit, Engine control unit

- G Fuel gauge sender
- G6 Fuel system pressurisation pump
- J538 Fuel pump control unit
- J623 Engine control unit
- SB10 Fuse 10 on fuse holder B
- T3c 3-pin connector
- T4h 4-pin connector
- T6e 6-pin connector
- T17c 17-pin connector
- T94 94-pin connector

- 51 Earth point, on right in luggage compartment
- 75 Earth point, rear right pillar
- 374 Earth connection 9, in main wiring harness
- 388 Earth connection 23, in main wiring harness

- * Only models with 3-doors
- *2 Only models with 4-doors
- *3 Only models with 5-doors
- *4 Only Cabriolet models

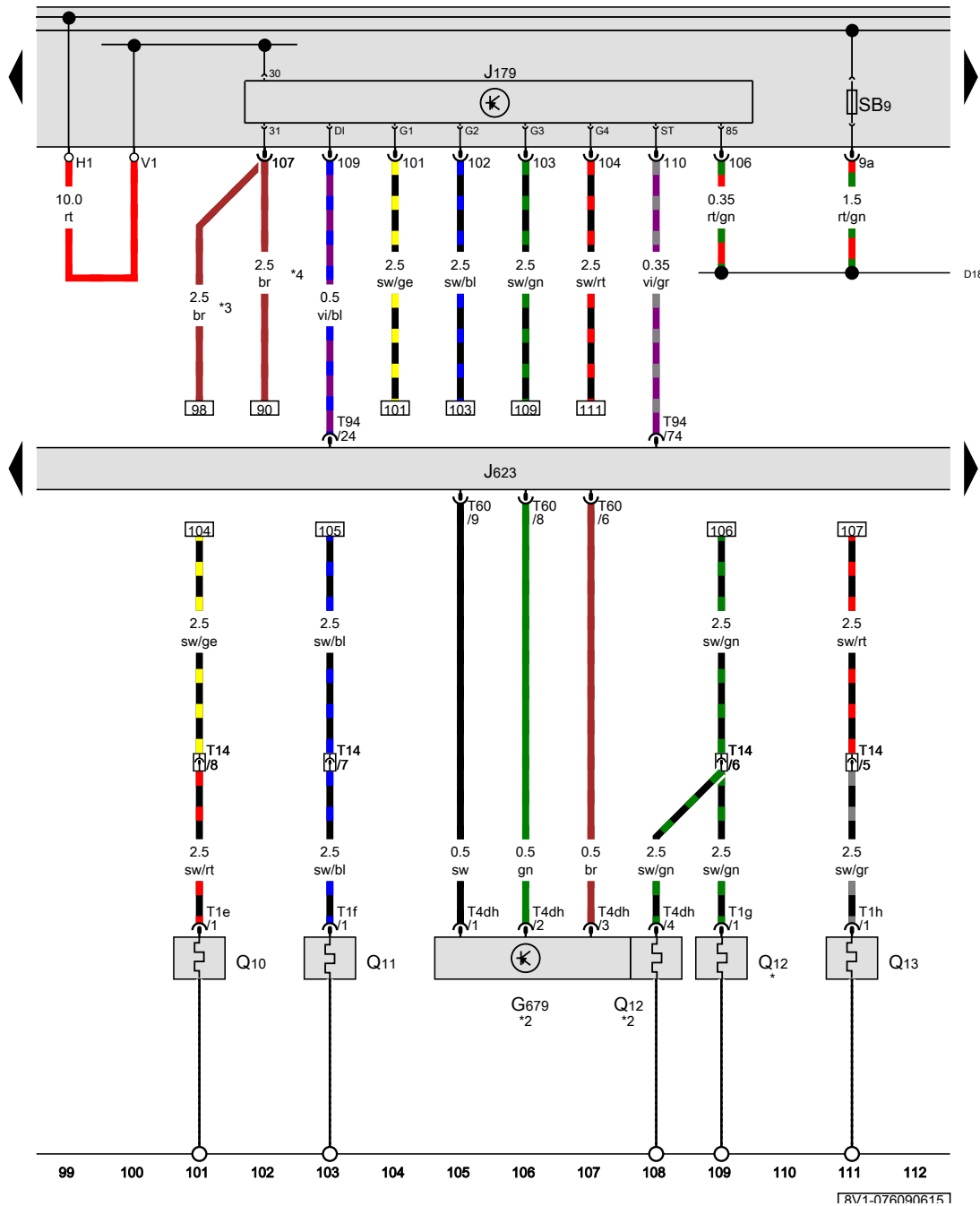
ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
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 vi = purple
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Terminal 30 voltage supply relay, Engine control unit

J317	Terminal 30 voltage supply relay
J623	Engine control unit
SB3	Fuse 3 on fuse holder B
SB17	Fuse 17 on fuse holder B
T10b	10-pin connector
T94	94-pin connector
85	Earth connection 1, in engine compartment wiring harness
131	Earth connection 2, in engine compartment wiring harness
209	Earth connection 6, in engine compartment wiring harness
419	Earth connection 11, in engine compartment wiring harness
671	Earth point 1, on front of left longitudinal member
819	Earth connection 12, in engine compartment wiring harness
D78	Positive connection 1 (30a), in engine compartment wiring harness
D183	Connection 4 (87a) in engine compartment wiring harness
*	Wiring colour depends on equipment
*2	Only models with manual gearbox
*3	gradual introduction
*4	Gradually discontinued

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ro = red
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gr = grey
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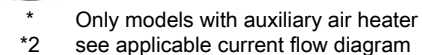
Automatic glow period control unit, Engine control unit, Glow plug 1, Glow plug 2, Glow plug 3, Glow plug 4

- G679 Cylinder 3 combustion chamber pressure sender
- J179 Automatic glow period control unit
- J623 Engine control unit
- Q10 Glow plug 1
- Q11 Glow plug 2
- Q12 Glow plug 3
- Q13 Glow plug 4
- SB9 Fuse 9 on fuse holder B
- T1e Single connector, black
- T1f Single connector
- T1g Single connector
- T1h Single connector
- T4dh 4-pin connector
- T14 14-pin connector
- T60 60-pin connector
- T94 94-pin connector

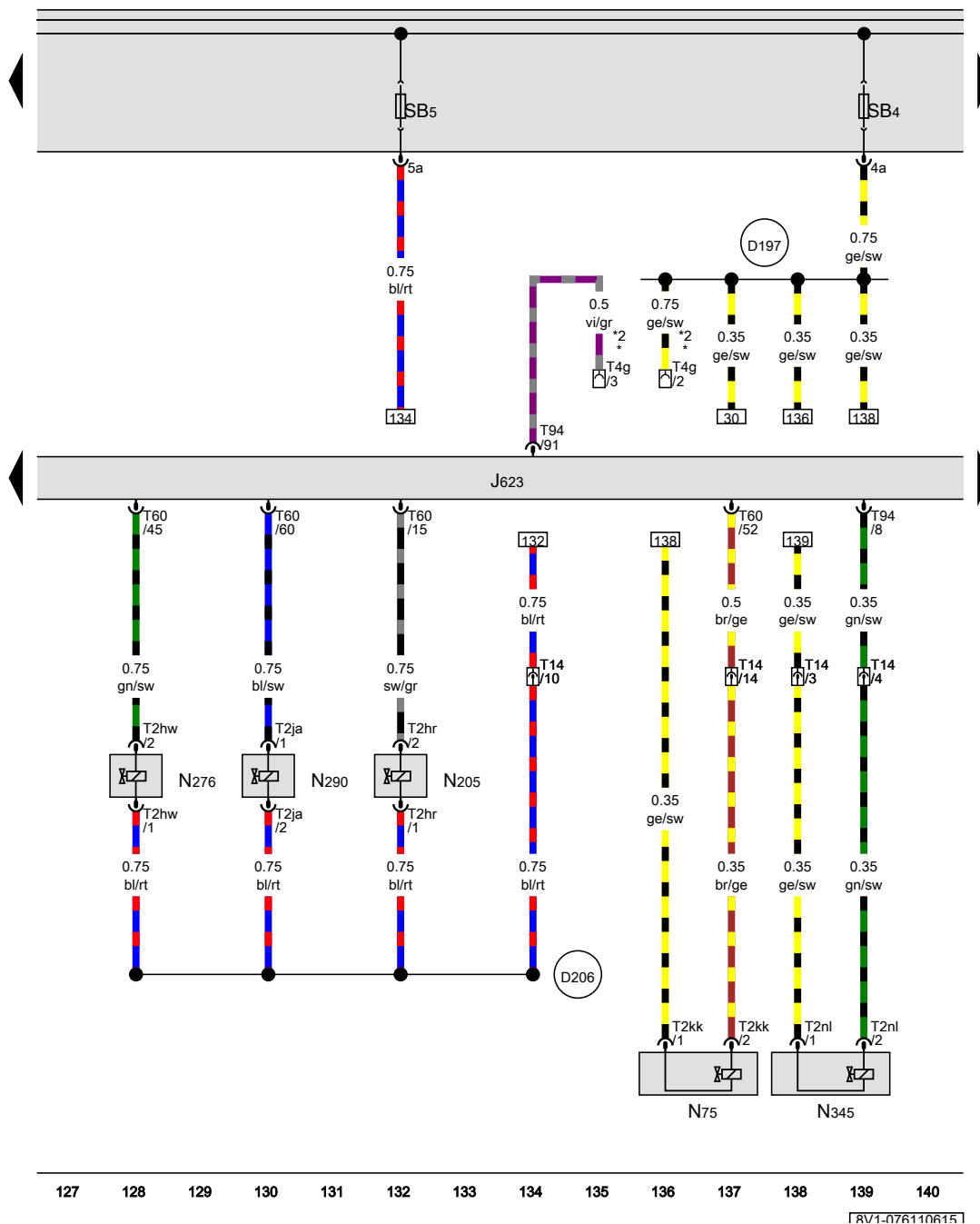
D181 Connection 2 (87a) in engine compartment wiring harness

- * Not for models with Euro 6 emission standard
- *2 Only models with Euro 6 emission standard
- *3 gradual introduction
- *4 Gradually discontinued

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
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 gr = grey
 li = purple
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06.2015



Engine control unit, Charge pressure control solenoid valve, Camshaft control valve 1, Fuel pressure regulating valve, Fuel metering valve, Exhaust gas recirculation cooler changeover valve

- J623 Engine control unit
- N75 Charge pressure control solenoid valve
- N205 Camshaft control valve 1
- N276 Fuel pressure regulating valve
- N290 Fuel metering valve
- N345 Exhaust gas recirculation cooler changeover valve
- SB4 Fuse 4 on fuse holder B
- SB5 Fuse 5 on fuse holder B
- T2hr 2-pin connector
- T2hw 2-pin connector
- T2ja 2-pin connector
- T2kk 2-pin connector
- T2nl 2-pin connector
- T4g 4-pin connector
- T14 14-pin connector
- T60 60-pin connector
- T94 94-pin connector

D197 Connection 5 (87a) in engine compartment wiring harness

D206 Connection 4 (87a) in engine prewiring harness

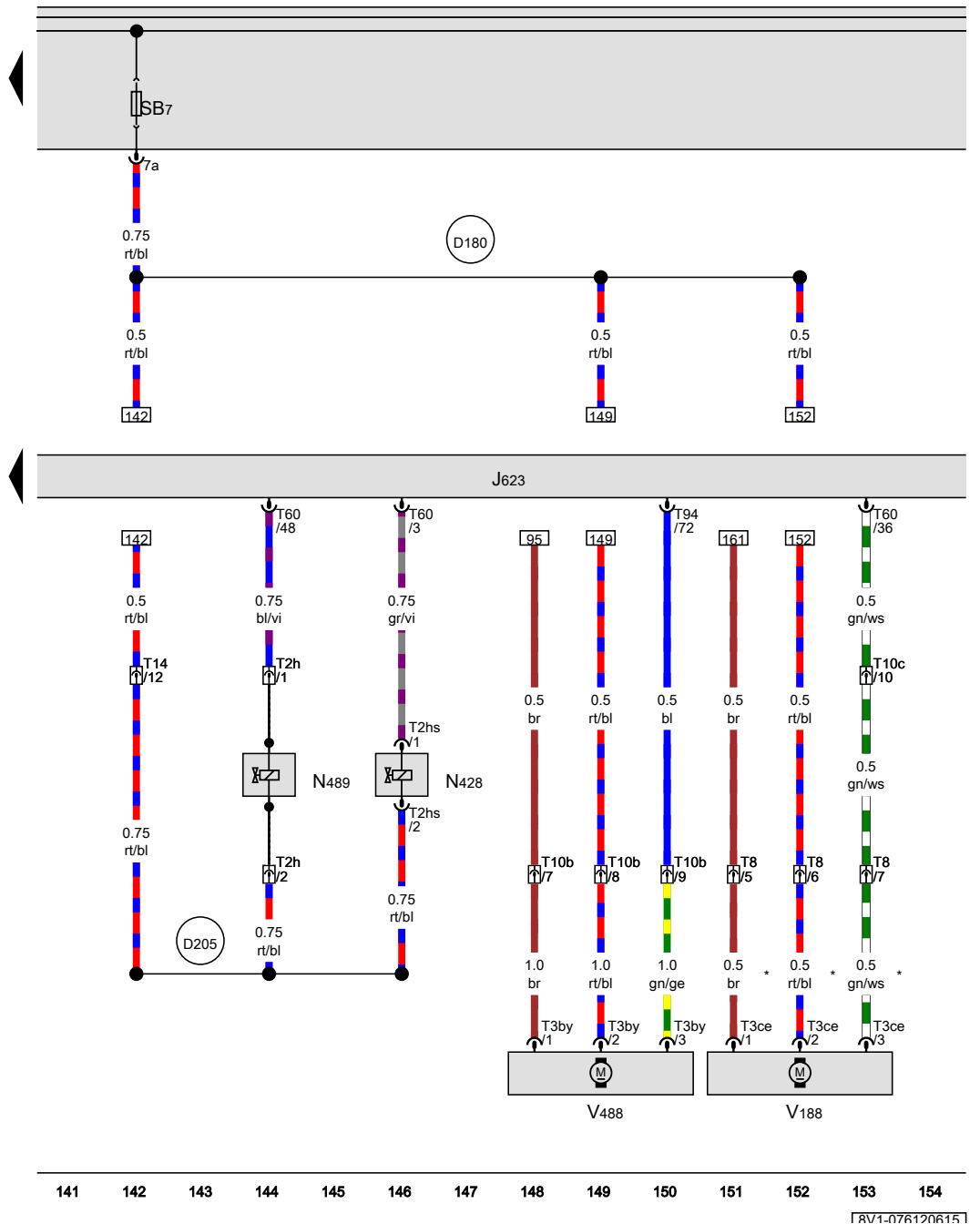
* Radiator fan connection
*2 see applicable current flow diagram for radiator fan

Engine control unit, Valve for oil pressure control, Coolant valve for cylinder head, Charge air cooling pump, Auxiliary pump for heating

- J623 Engine control unit
- N428 Valve for oil pressure control
- N489 Coolant valve for cylinder head
- SB7 Fuse 7 on fuse holder B
- T2h 2-pin connector
- T2hs 2-pin connector
- T3by 3-pin connector
- T3ce 3-pin connector
- T8 8-pin connector
- T10b 10-pin connector
- T10c 10-pin connector
- T14 14-pin connector, near front left longitudinal member
- T60 60-pin connector
- T94 94-pin connector
- V188 Charge air cooling pump
- V488 Auxiliary pump for heating
- D180 Connection (87a), in engine compartment wiring harness
- D205 Connection 3 (87a) in engine prewiring harness

* Wiring colour depends on equipment

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



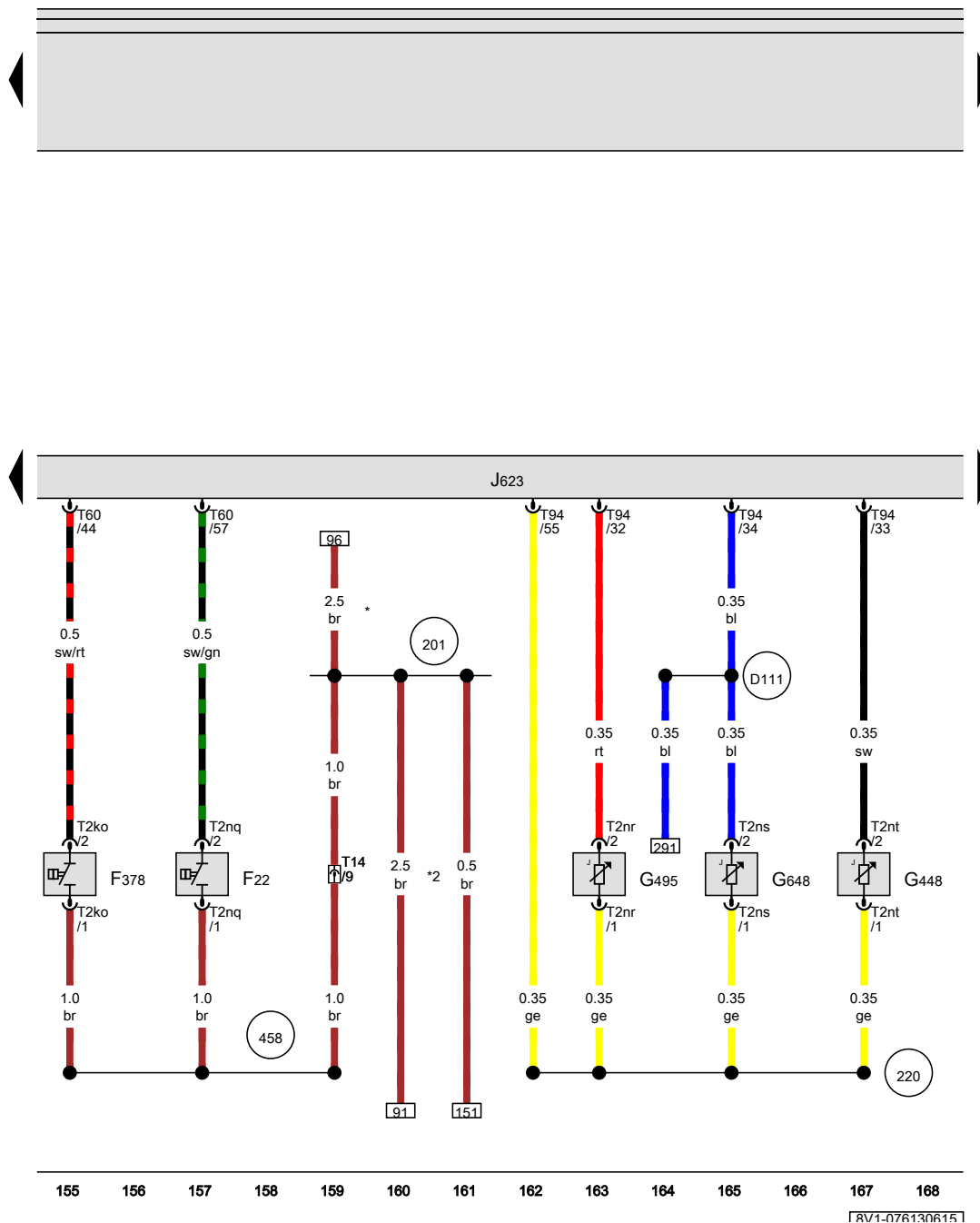
Oil pressure switch, Oil pressure switch for reduced oil pressure, Exhaust gas temperature sender 2, Exhaust gas temperature sender 3, Exhaust gas temperature sender 4, Engine control unit

- F22 Oil pressure switch
- F378 Oil pressure switch for reduced oil pressure
- G448 Exhaust gas temperature sender 2
- G495 Exhaust gas gas temperature sender 3
- G648 Exhaust gas temperature sender 4
- J623 Engine control unit
- T2ko 2-pin connector
- T2nq 2-pin connector
- T2nr 2-pin connector
- T2ns 2-pin connector
- T2nt 2-pin connector
- T14 14-pin connector
- T60 60-pin connector
- T94 94-pin connector

- 201 Earth connection 5, in engine compartment wiring harness
- 220 Earth connection (sender earth), in engine wiring harness
- 458 Earth point 3, engine prewiring harness
- D111 Connection 9 in engine compartment wiring harness

- * gradual introduction
- *2 Gradually discontinued

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- rs = pink

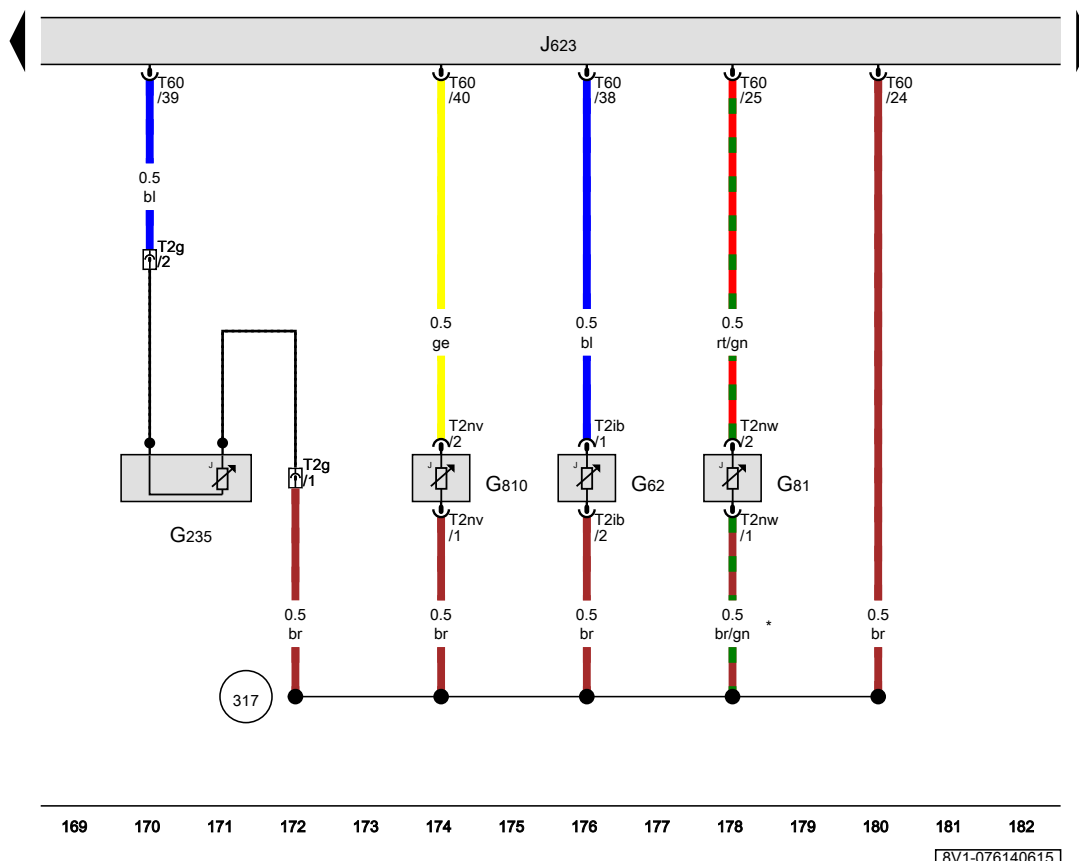


Coolant temperature sender, Fuel temperature sender, Exhaust gas temperature sender 1, Charge air temperature sender before charge air cooler, Engine control unit

- G62 Coolant temperature sender
- G81 Fuel temperature sender
- G235 Exhaust gas temperature sender 1
- G810 Charge air temperature sender before charge air cooler
- J623 Engine control unit
- T2g 2-pin connector
- T2ib 2-pin connector
- T2nv 2-pin connector
- T2nw 2-pin connector
- T60 60-pin connector

317 Earth connection 7, in engine compartment wiring harness

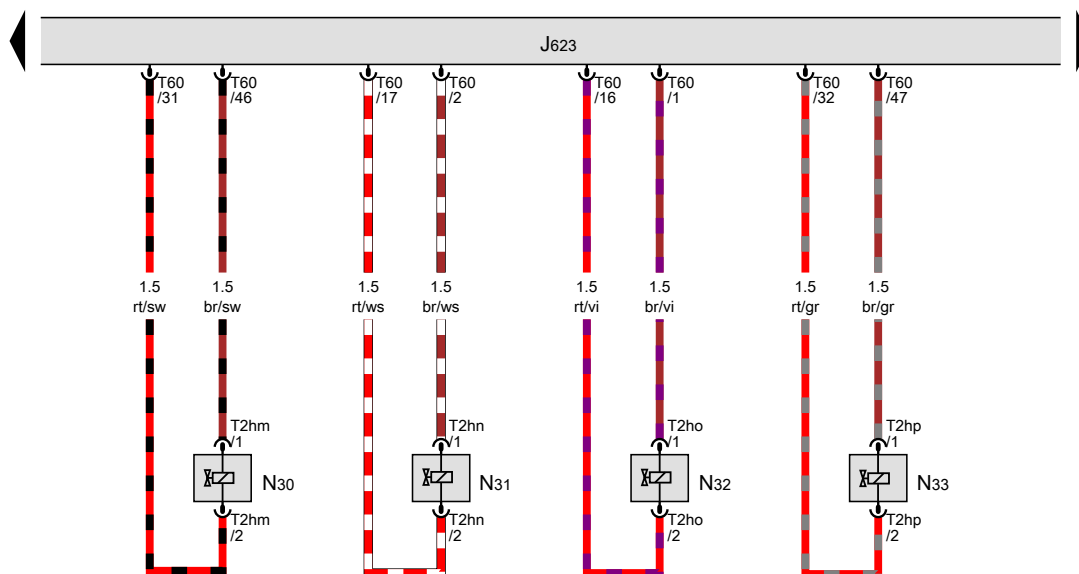
* Wiring colour depends on equipment



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- br = brown
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- gr = grey
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- rs = pink

Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

J623 Engine control unit
N30 Injector, cylinder 1
N31 Injector, cylinder 2
N32 Injector, cylinder 3
N33 Injector, cylinder 4
T2hm 2-pin connector
T2hn 2-pin connector
T2ho 2-pin connector
T2hp 2-pin connector
T60 60-pin connector



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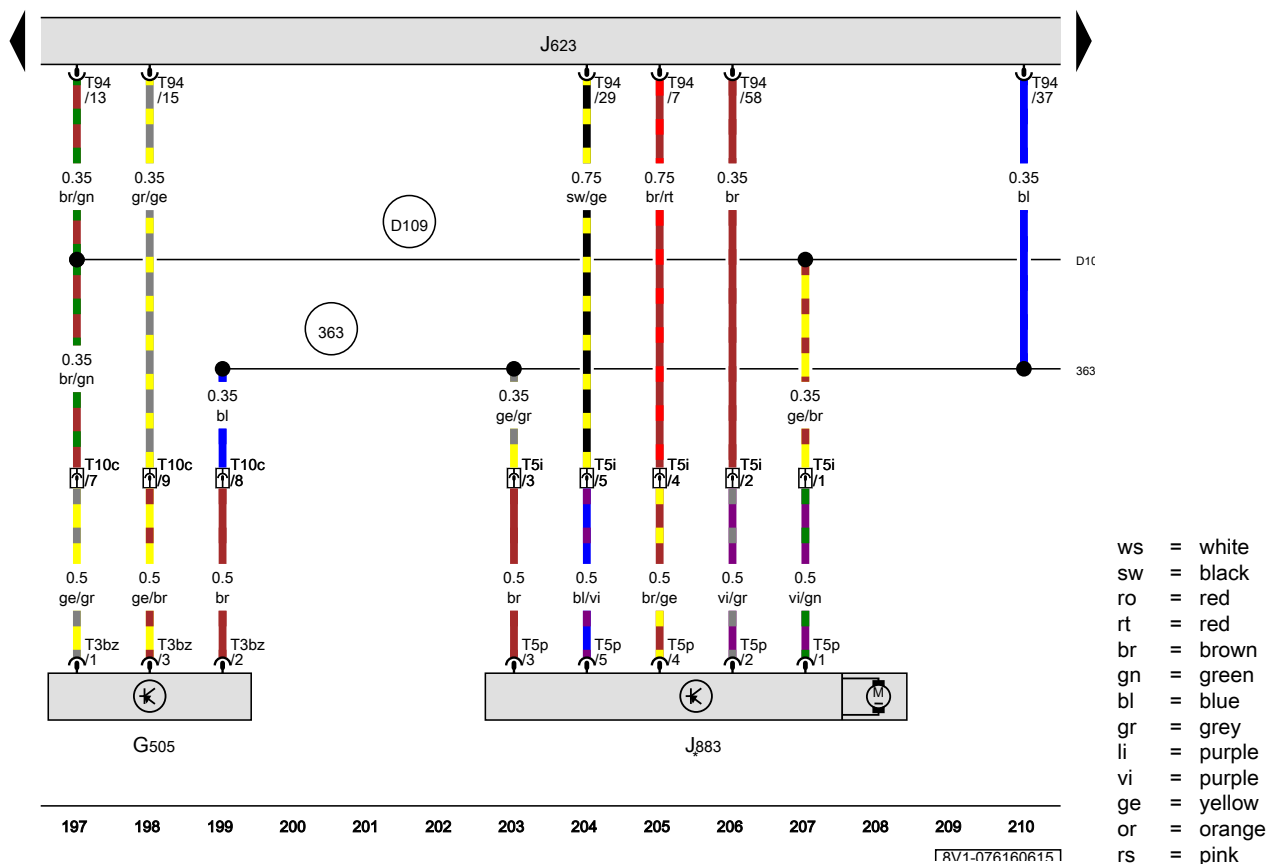
183 184 185 186 187 188 189 190 191 192 193 194 195 196

[8V1-076150615]

Pressure differential sender, Engine control unit, Exhaust flap control unit

- G505 Pressure differential sender
- J623 Engine control unit
- J883 Exhaust flap control unit
- T3bz 3-pin connector
- T5i 5-pin connector
- T5p 5-pin connector
- T10c 10-pin connector
- T94 94-pin connector

- 363 Earth connection 8, in engine compartment wiring harness
- D109 Connection 7 in engine compartment wiring harness
- * Not for models with Euro 4 emission standard

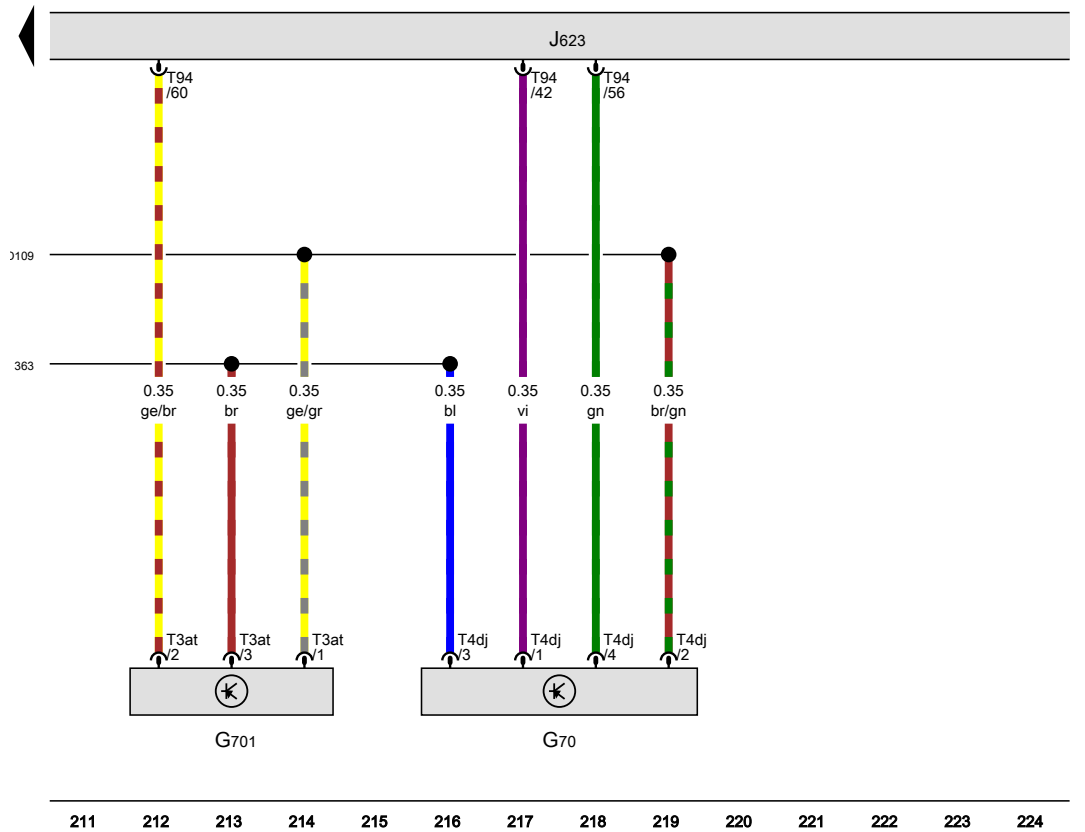


Air mass meter, Gearbox neutral position sender, Engine control unit

- G70 Air mass meter
- G701 Gearbox neutral position sender
- J623 Engine control unit
- T3at 3-pin connector
- T4dj 4-pin connector
- T94 94-pin connector

363 Earth connection 8, in engine compartment wiring harness

D109 Connection 7 in engine compartment wiring harness



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18V1-076170615

Hall sender, Fuel pressure sender, Position sender for charge pressure positioner, Engine control unit

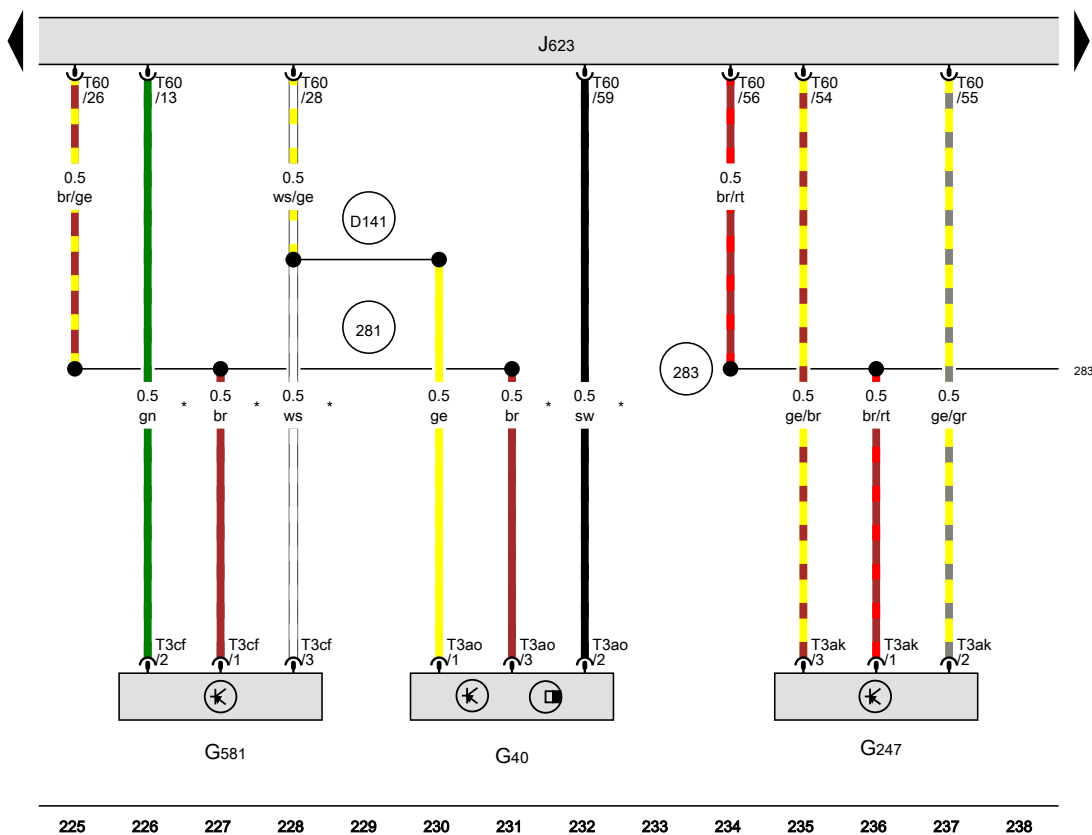
- G40 Hall sender
- G247 Fuel pressure sender
- G581 Position sender for charge pressure positioner
- J623 Engine control unit
- T3ak 3-pin connector
- T3ao 3-pin connector
- T3cf 3-pin connector
- T60 60-pin connector

281 Earth point 1, engine prewiring harness

283 Earth point 2, engine prewiring harness

D141 Connection (5V) in engine prewiring harness

* Wiring colour depends on equipment



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- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

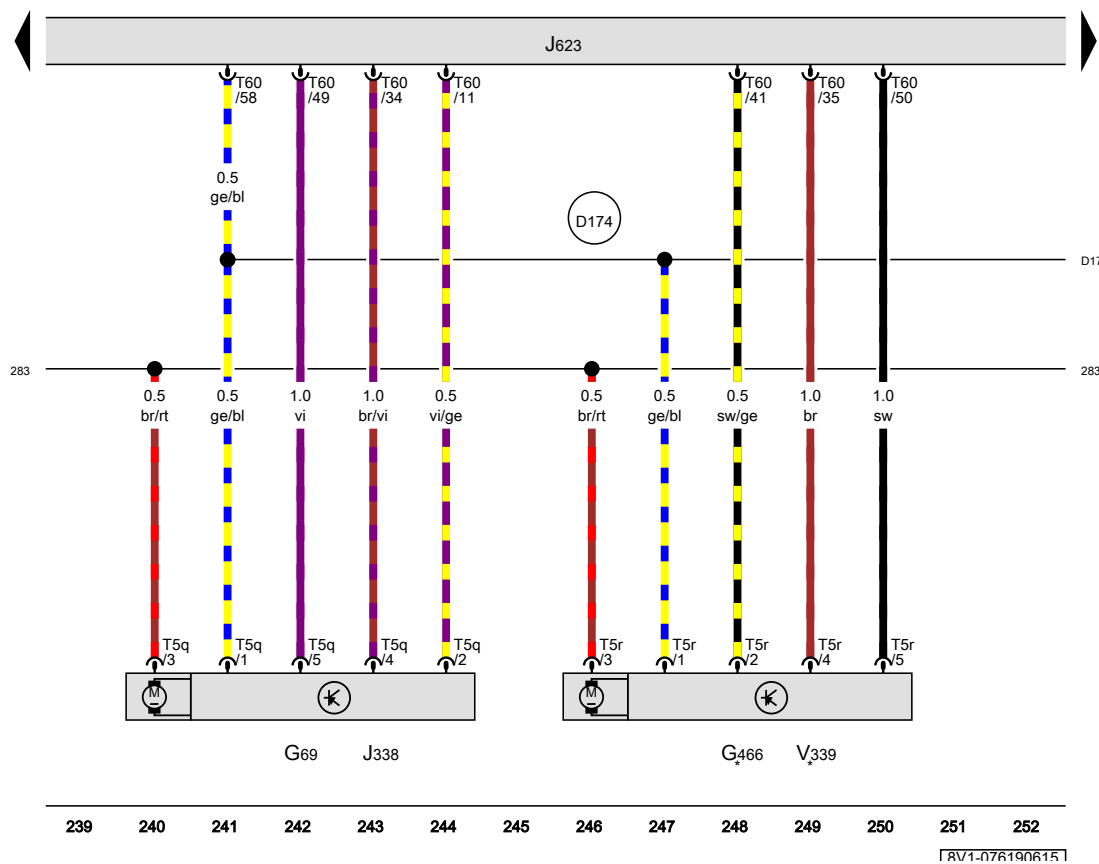
Throttle valve potentiometer, Exhaust gas recirculation potentiometer 2, Throttle valve module, Engine control unit, Exhaust gas recirculation control motor 2

- G69 Throttle valve potentiometer
- G466 Exhaust gas recirculation potentiometer 2
- J338 Throttle valve module
- J623 Engine control unit
- T5q 5-pin connector
- T5r 5-pin connector
- T60 60-pin connector
- V339 Exhaust gas recirculation control motor 2

283 Earth point 2, engine prewiring harness

D174 Connection 2 (5V) in engine prewiring harness

* Not for models with Euro 4 emission standard



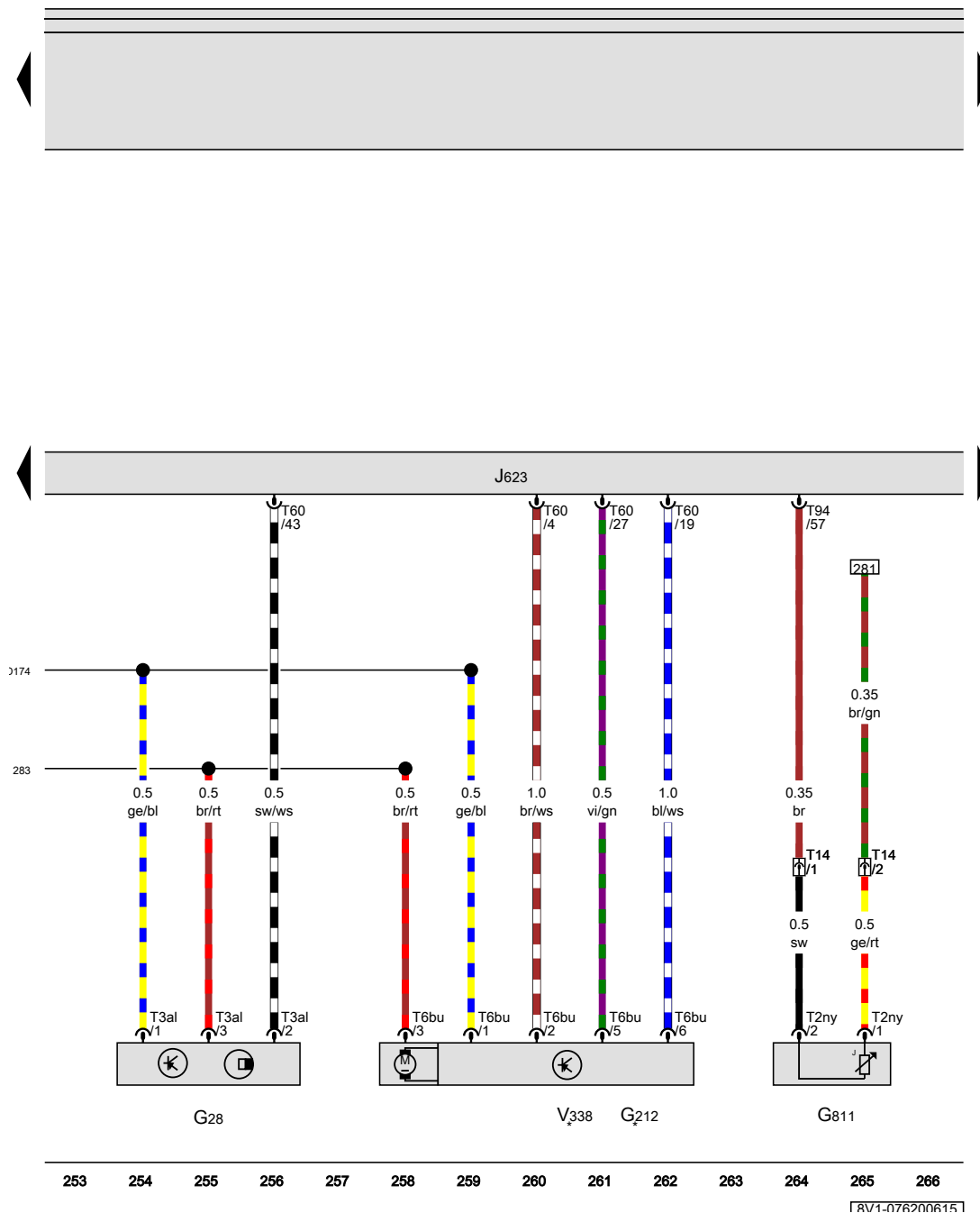
Engine speed sender, Charge air temperature sender after charge air cooler, Engine control unit, Exhaust gas recirculation control motor

- G28 Engine speed sender
- G212 Exhaust gas recirculation potentiometer
- G811 Charge air temperature sender after charge air cooler
- J623 Engine control unit
- T2ny 2-pin connector
- T3al 3-pin connector
- T6bu 6-pin connector
- T14 14-pin connector
- T60 60-pin connector
- T94 94-pin connector
- V338 Exhaust gas recirculation control motor

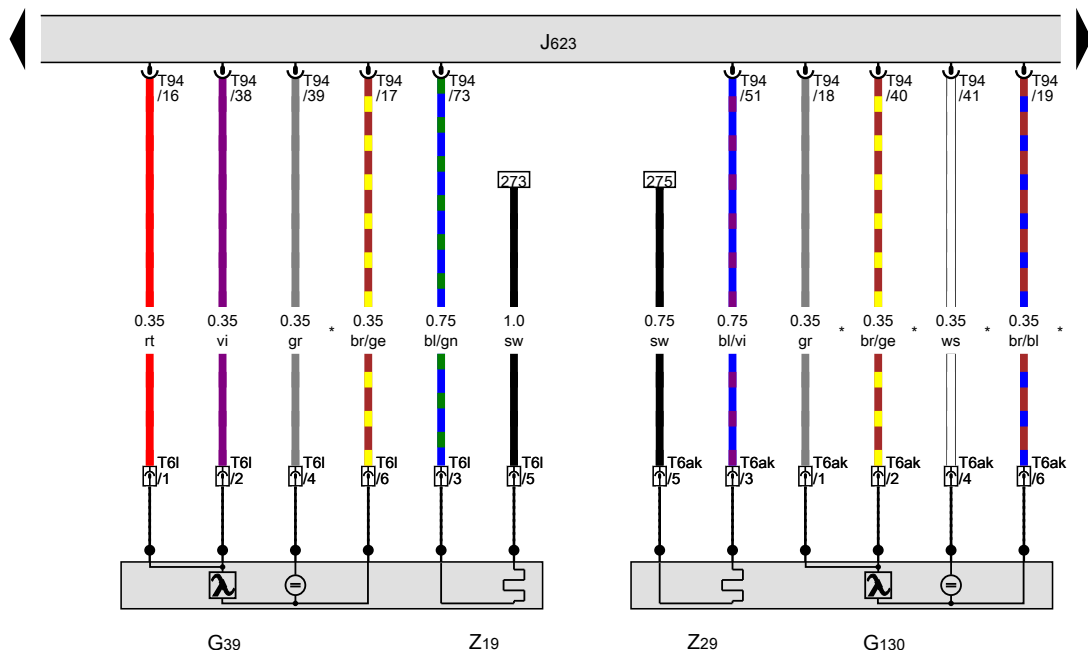
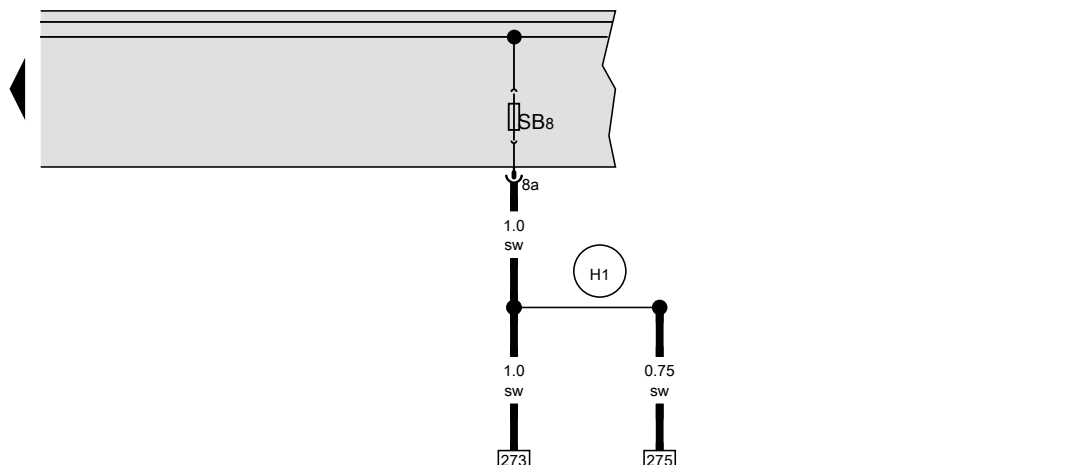
283 Earth point 2, engine prewiring harness

D174 Connection 2 (5V) in engine prewiring harness

* Not for models with Euro 5 emission standard



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 or = orange
 rs = pink

Lambda probe, Lambda probe after catalytic converter, Engine control unit, Fuse 8 on fuse holder B, Lambda probe heater, Lambda probe 1 heater after catalytic converter

- G39 Lambda probe
- G130 Lambda probe after catalytic converter
- J623 Engine control unit
- SB8 Fuse 8 on fuse holder B
- T6ak 6-pin connector
- T6l 6-pin connector
- T94 94-pin connector
- Z19 Lambda probe heater
- Z29 Lambda probe 1 heater after catalytic converter

H1 Positive connection, in Lambda wiring harness

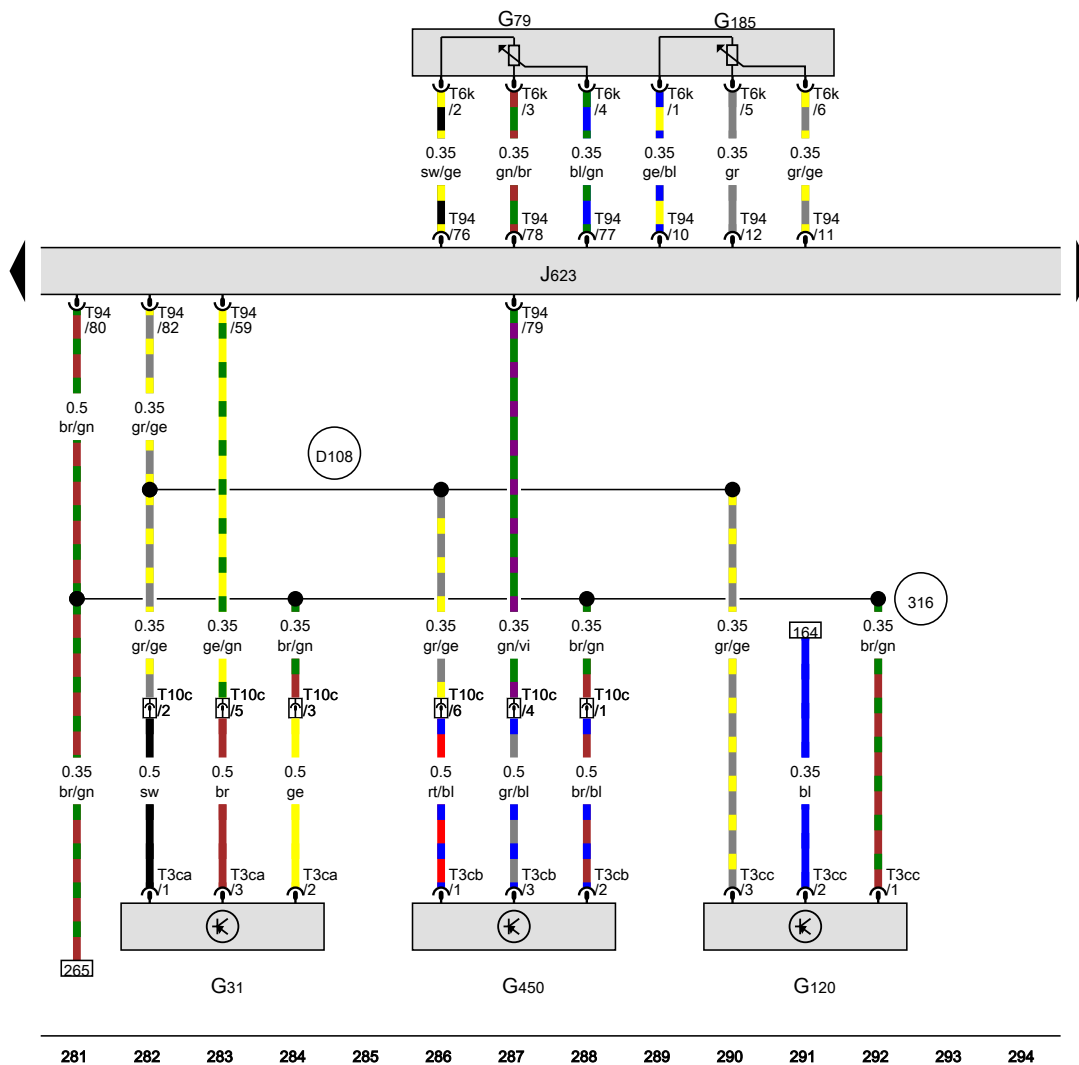
* Wiring colour depends on equipment

Charge pressure sender, Accelerator position sender, Water level sender, Accelerator position sender 2, Exhaust gas pressure sensor 1, Engine control unit

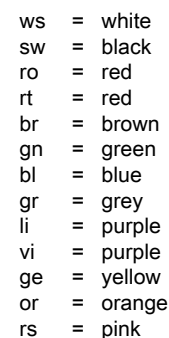
- G31 Charge pressure sender
- G79 Accelerator position sender
- G120 Water level sender
- G185 Accelerator position sender 2
- G450 Exhaust gas pressure sensor 1
- J623 Engine control unit
- T3ca 3-pin connector
- T3cb 3-pin connector
- T3cc 3-pin connector
- T6k 6-pin connector
- T10c 10-pin connector
- T94 94-pin connector

316 Earth connection (sender earth 2) in engine wiring harness

D108 Connection 6 in engine compartment wiring harness



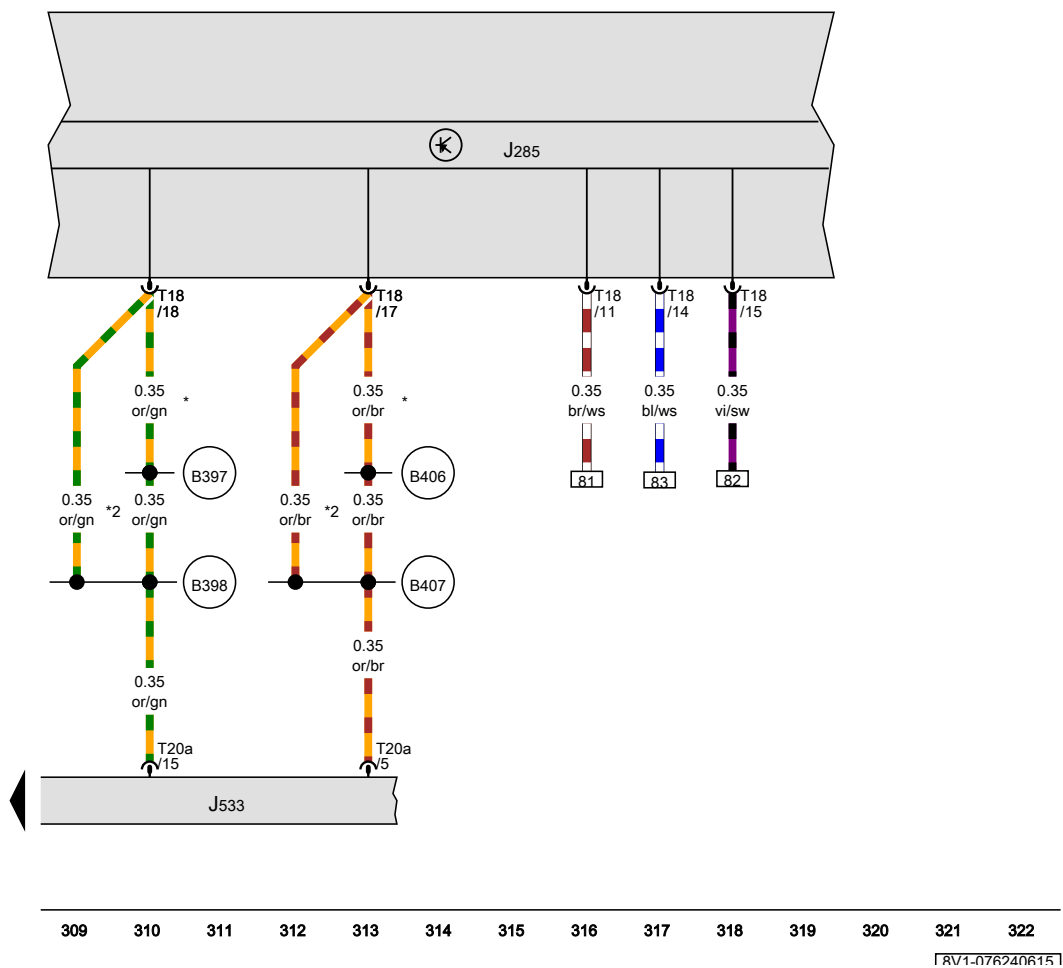
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



* Only models with dual clutch gearbox

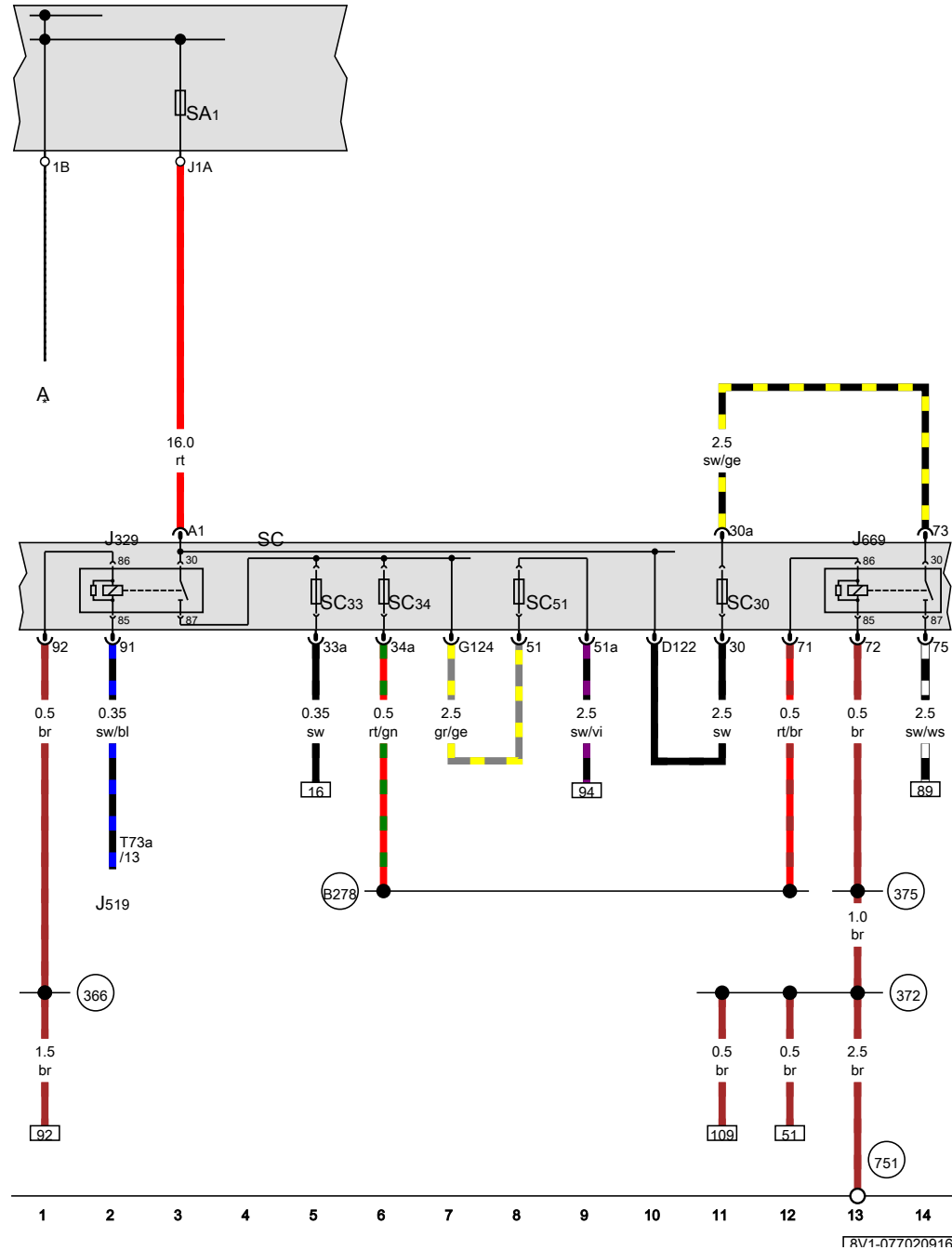
Control unit in dash panel insert, Data bus diagnostic interface

- J285 Control unit in dash panel insert
- J533 Data bus diagnostic interface
- T18 18-pin connector
- T20a 20-pin connector
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness
- * Only left-hand drive models
- *2 Only right-hand drive models



Airbag systems for RHD vehicles , (L0R)

From March 2012



Terminal 15 voltage supply relay, Seat belt tensioner relay, Fuse holder C

- A Battery
- J329 Terminal 15 voltage supply relay
- J519 Onboard supply control unit
- J669 Seat belt tensioner relay
- SA1 Fuse 1 on fuse holder A
- SC Fuse holder C
- SC30 Fuse 30 on fuse holder C
- SC33 Fuse 33 on fuse holder C
- SC34 Fuse 34 on fuse holder C
- SC51 Fuse 51 on fuse holder C
- T73a 73-pin connector

366 Earth connection 1, in main wiring harness

372 Earth connection 7, in main wiring harness

375 Earth connection 10, in main wiring harness

751 Earth point 2, on right A-pillar

B278 Positive connection 2 (15a) in main wiring harness

* see applicable current flow diagram for battery in engine compartment

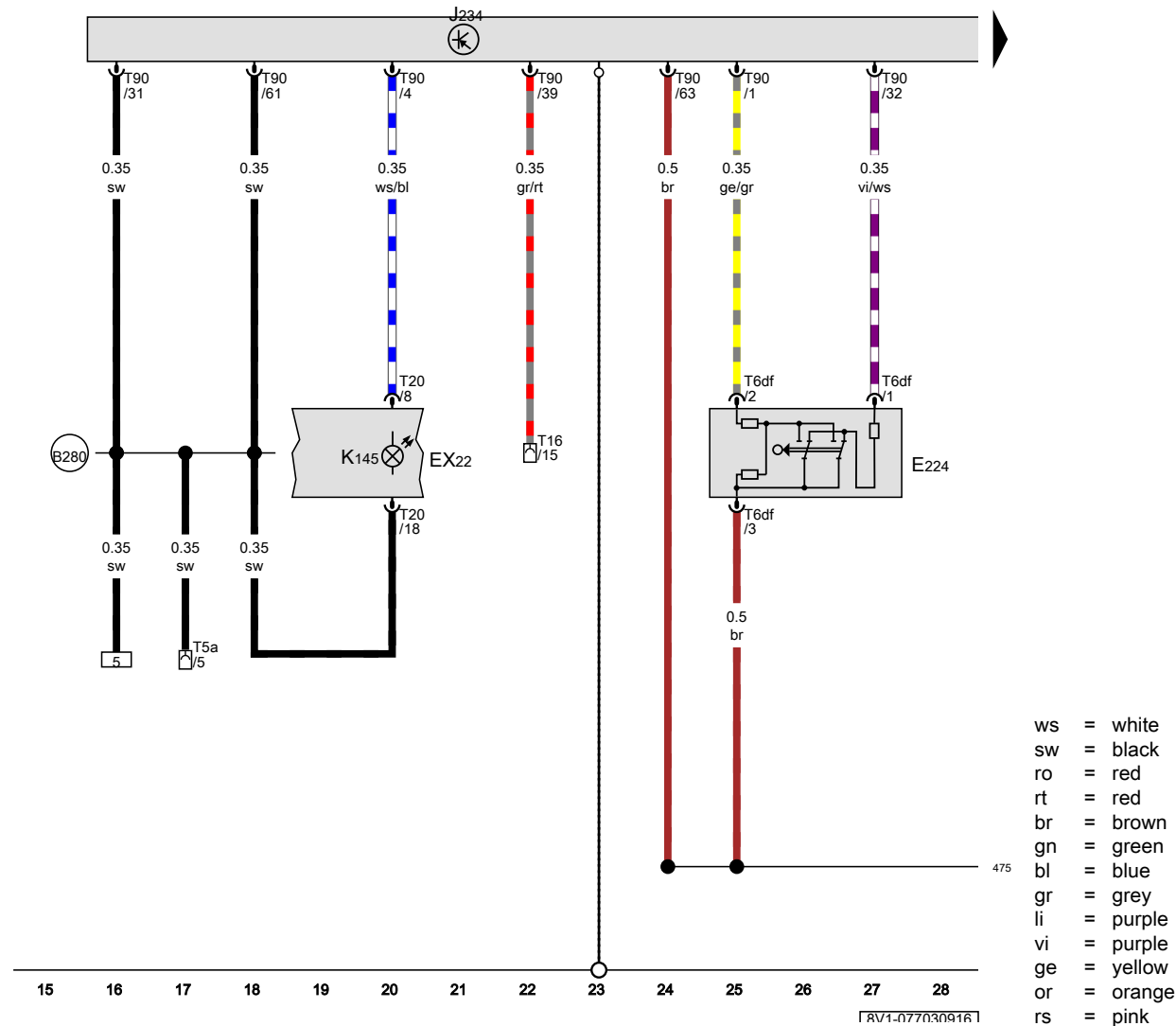
- ws = white
- sw = black
- ro = red
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Centre switch module in dash panel, Key operated switch to deactivate front passenger side airbag, Airbag control unit, Front passenger side airbag deactivated warning lamp

- EX22 Centre switch module in dash panel
- E224 Key operated switch to deactivate front passenger side airbag
- J234 Airbag control unit
- K145 Front passenger side airbag deactivated warning lamp
- T5a 5-pin connector
- T6df 6-pin connector
- T16 16-pin connector
- T20 20-pin connector
- T90 90-pin connector

475 Earth connection (airbag), in main wiring harness

B280 Positive connection 4 (15a) in main wiring harness

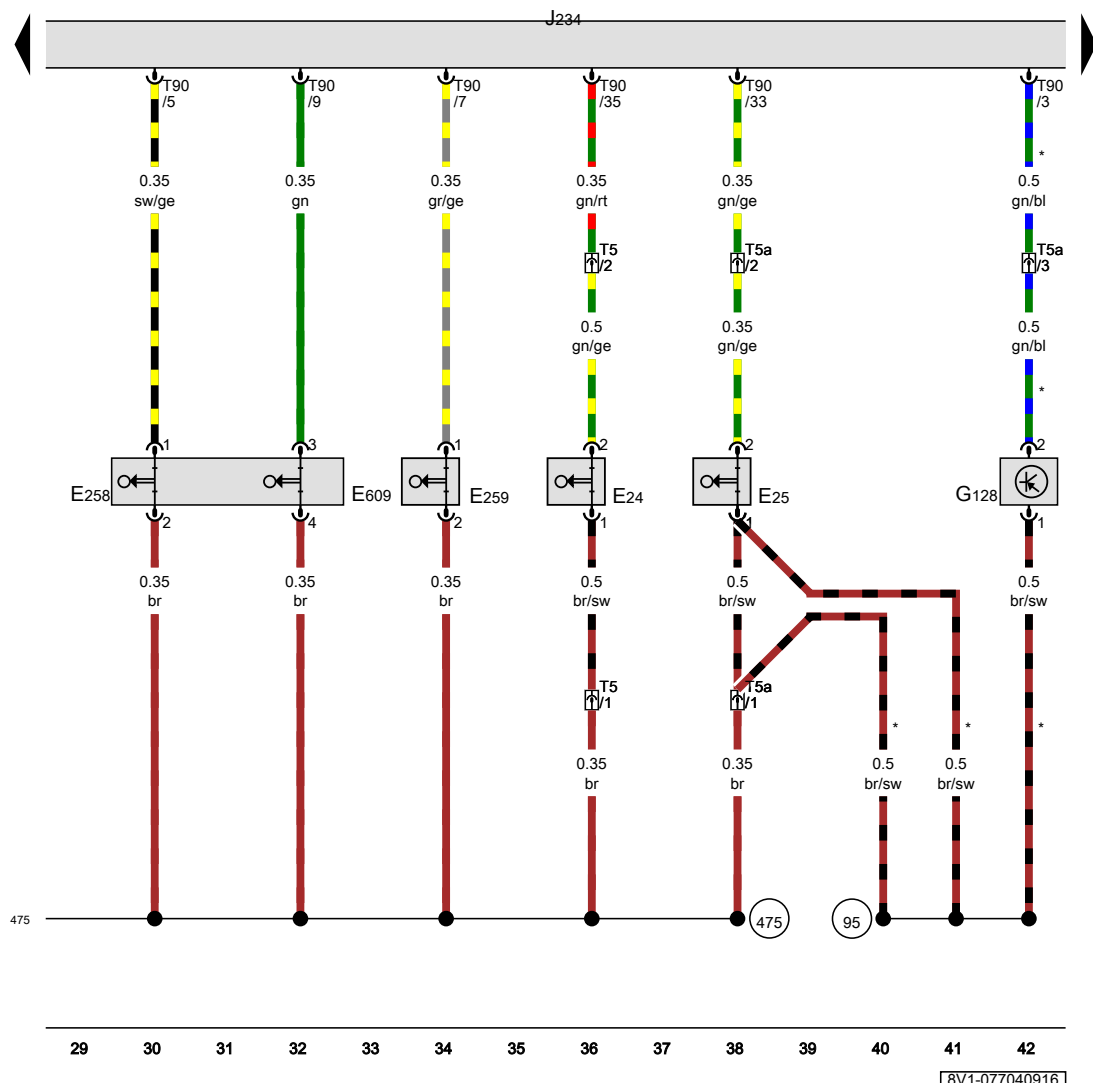


18V1-0770309161

Driver side belt switch, Front passenger side belt switch, Rear belt switch, driver side, Rear belt switch, passenger side, Airbag control unit

- E24 Driver side belt switch
- E25 Front passenger side belt switch
- E258 Rear belt switch, driver side
- E259 Rear belt switch, passenger side
- E609 Rear centre belt switch
- G128 Seat occupied sensor, front passenger side
- J234 Airbag control unit
- T5 5-pin connector
- T5a 5-pin connector
- T90 90-pin connector

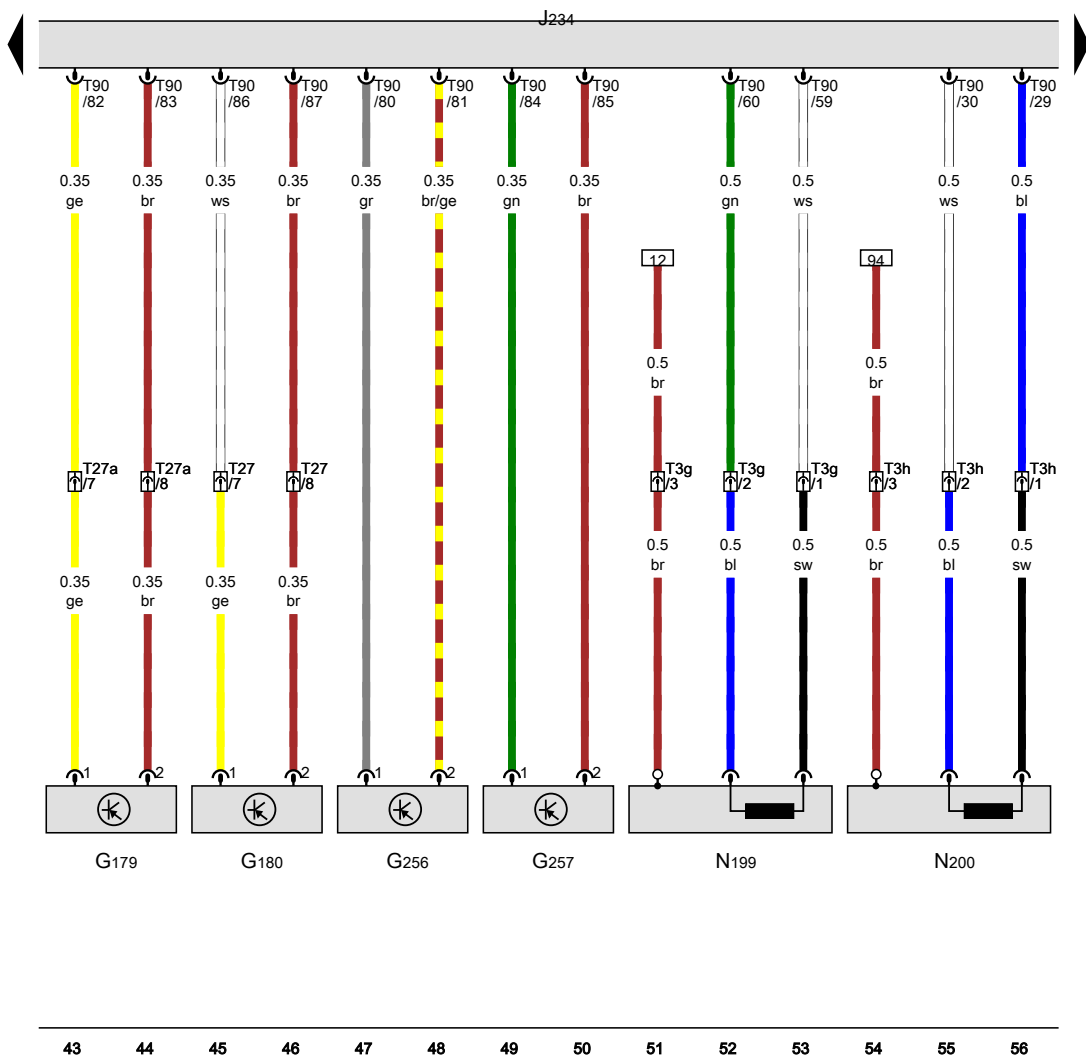
- 95 Earth connection 1, in seat adjustment wiring harness
- 475 Earth connection (airbag), in main wiring harness
- * Only models with seat occupied recognition



- ws = white
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- rt = red
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Side airbag crash sensor on driver side, Side airbag crash sensor on front passenger side, Rear side airbag crash sensor on driver side, Rear side airbag crash sensor on passenger side, Airbag control unit, Side airbag igniter on driver side, Side airbag igniter on front passenger side

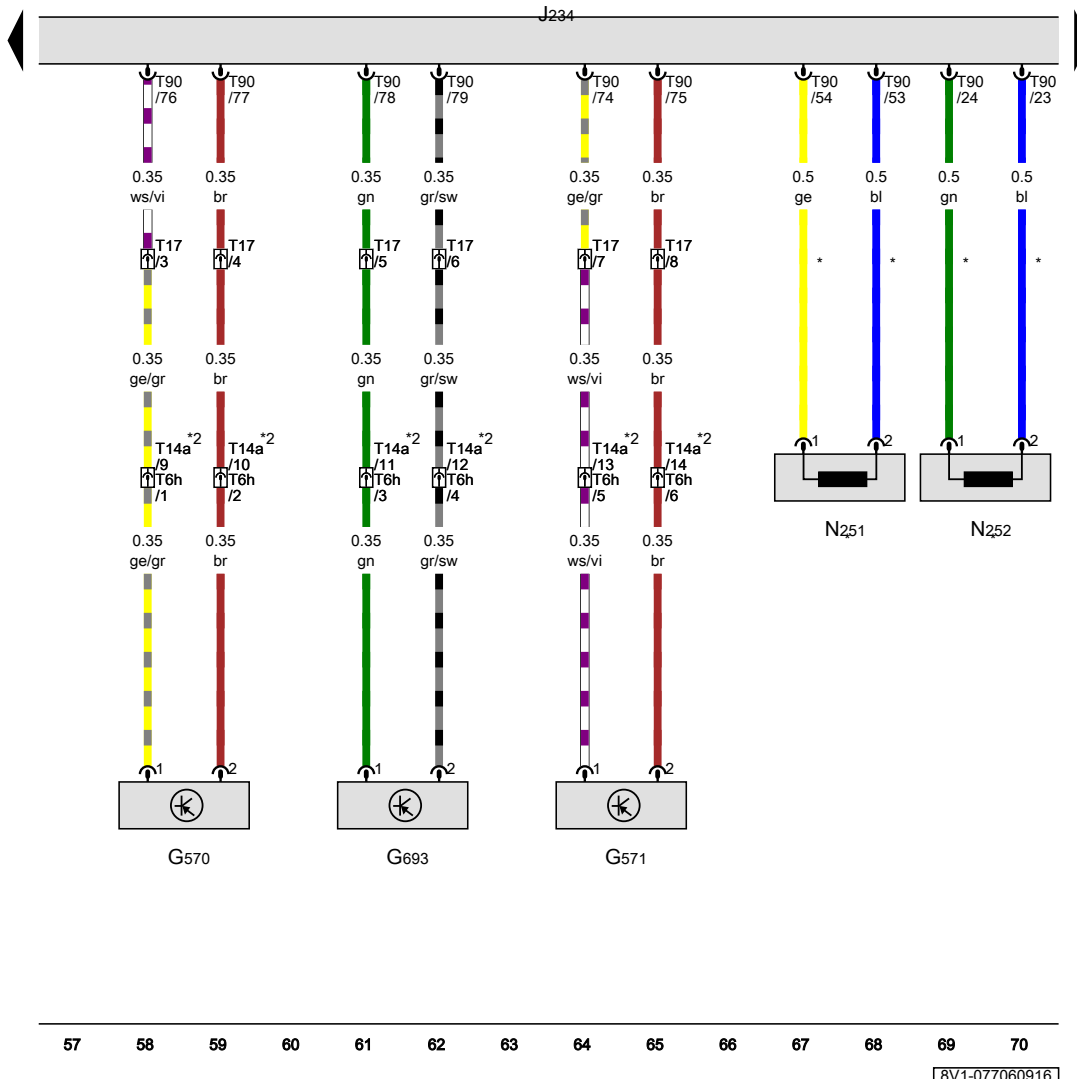
- G179 Side airbag crash sensor on driver side
- G180 Side airbag crash sensor on front passenger side
- G256 Rear side airbag crash sensor on driver side
- G257 Rear side airbag crash sensor on passenger side
- J234 Airbag control unit
- N199 Side airbag igniter on driver side
- N200 Side airbag igniter on front passenger side
- T3g 3-pin connector, in driver seat armrest
- T3h 3-pin connector, under front passenger seat
- T27 27-pin connector
- T27a 27-pin connector
- T90 90-pin connector



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- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
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- rs = pink

Driver side crash sensor for pedestrian protection, Front passenger side crash sensor for pedestrian protection, Centre crash sensor for pedestrian protection, Airbag control unit, Driver side curtain airbag igniter, Front passenger side curtain airbag igniter

- G570 Driver side crash sensor for pedestrian protection
- G571 Front passenger side crash sensor for pedestrian protection
- G693 Centre crash sensor for pedestrian protection
- J234 Airbag control unit
- N251 Driver side curtain airbag igniter
- N252 Front passenger side curtain airbag igniter
- T14a 14-pin connector
- T17 17-pin connector
- T90 90-pin connector
- * Only models with curtain/head airbag
- *2 According to equipment

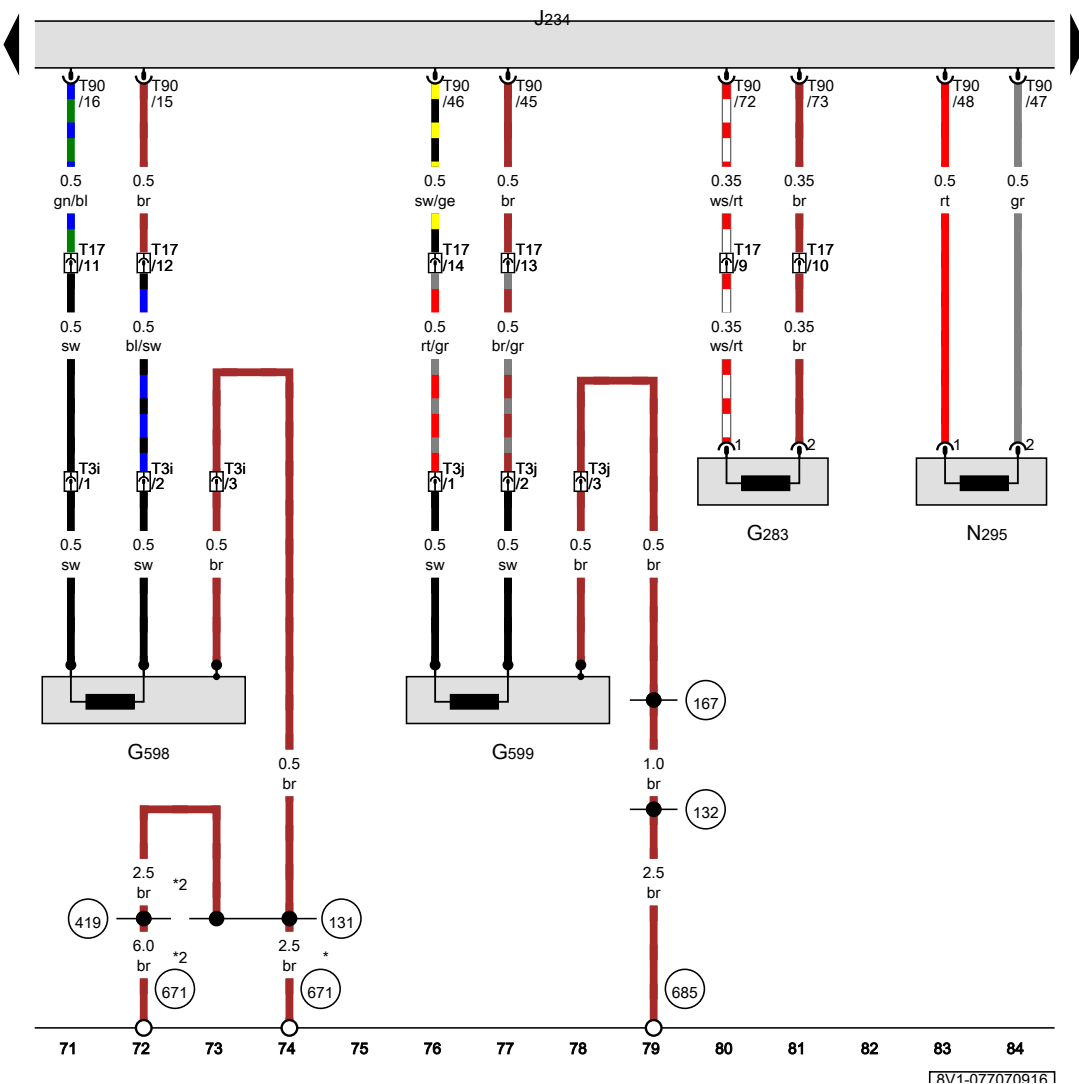


- ws = white
- sw = black
- ro = red
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- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Front airbag crash sensor for driver side, Trigger 1 for pedestrian protection, Trigger 2 for pedestrian protection, Airbag control unit, Driver side knee airbag igniter

G283 Front airbag crash sensor for driver side
G598 Trigger 1 for pedestrian protection
G599 Trigger 2 for pedestrian protection
J234 Airbag control unit
N295 Driver side knee airbag igniter
T3i 3-pin connector
T3j 3-pin connector
T17 17-pin connector
T90 90-pin connector

- 131 Earth connection 2, in engine compartment wiring harness
- 132 Earth connection 3, in engine compartment wiring harness
- 167 Earth connection 4, in engine compartment wiring harness
- 419 Earth connection 11, in engine compartment wiring harness
- 671 Earth point 1, on front of left longitudinal member
- 685 Earth point 1, on front of right longitudinal member
- * Gradually discontinued
- *2 gradual introduction

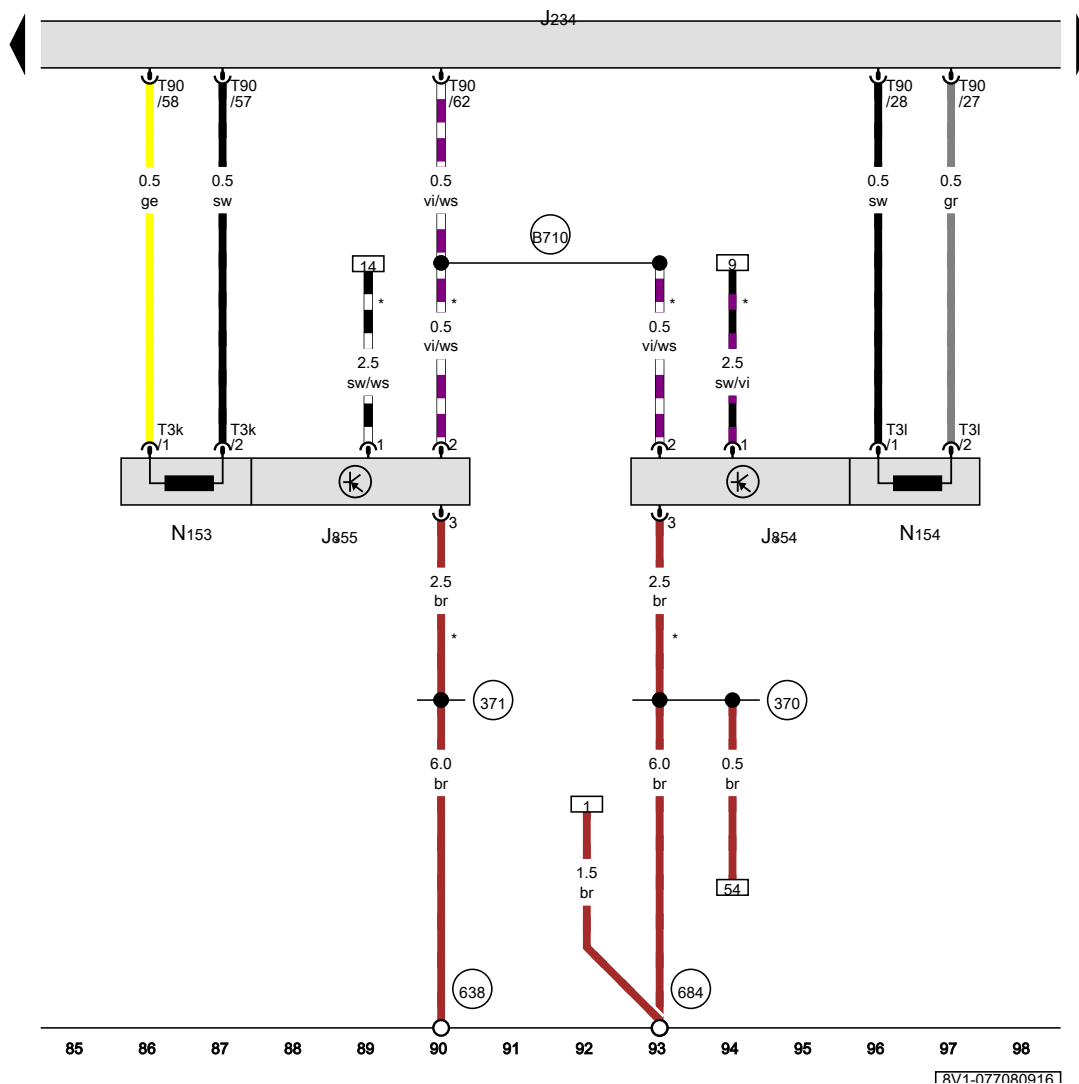


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Airbag control unit, Control unit for front left belt tensioner, Control unit for front right belt tensioner, Driver seat belt tensioner igniter 1, Front passenger seat belt tensioner igniter 1

J234 Airbag control unit
J854 Control unit for front left belt tensioner
J855 Control unit for front right belt tensioner
N153 Driver seat belt tensioner igniter 1
N154 Front passenger seat belt tensioner igniter 1
T3k 3-pin connector
T3l 3-pin connector
T90 90-pin connector

370 Earth connection 5, in main wiring harness
371 Earth connection 6, in main wiring harness
638 Earth point, on right A-pillar
684 Earth point on front of left side member
B710 Connection 5 (LIN bus) in main wiring harness
* According to equipment



ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

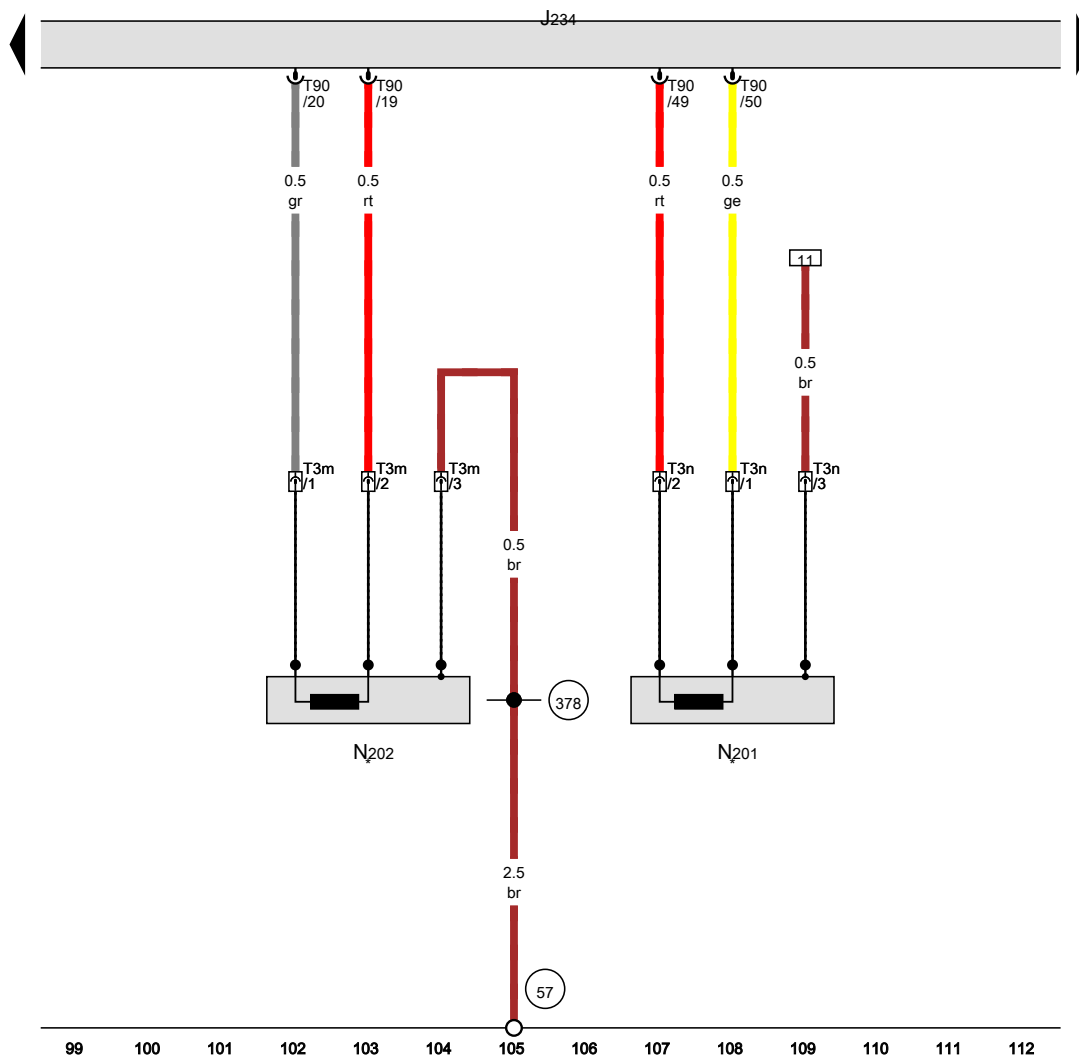
Airbag control unit, Rear side airbag igniter on driver side,
Rear side airbag igniter on passenger side

J234 Airbag control unit
N201 Rear side airbag igniter on driver side
N202 Rear side airbag igniter on passenger side
T3m 3-pin connector
T3n 3-pin connector
T90 90-pin connector

57 Earth point, rear left pillar

378 Earth connection 13, in main wiring harness

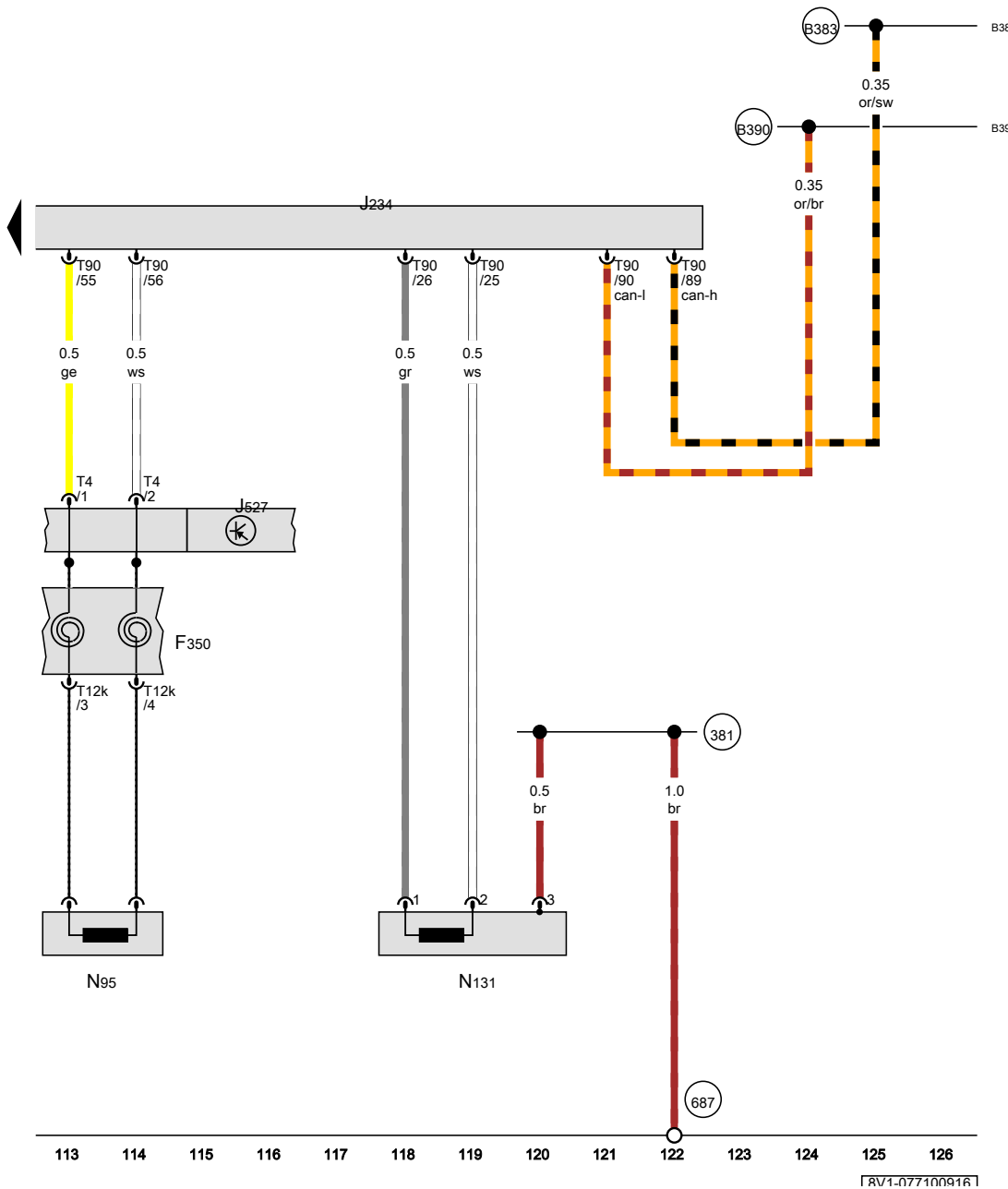
* Only models with 5-doors



ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

18V1-0770909161

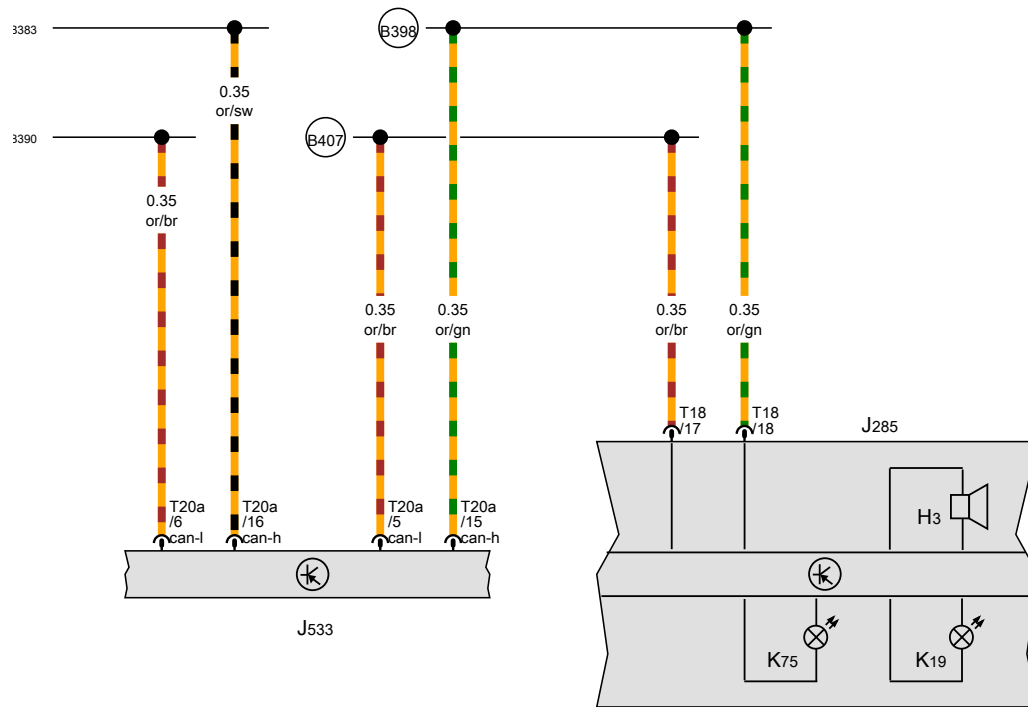
Airbag control unit, Steering column electronics control unit,
Driver side airbag igniter, Front passenger side airbag
igniter 1



ws = white
sw = black
ro = red
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F350 Coil connector
J234 Airbag control unit
J527 Steering column electronics control unit
N95 Driver side airbag igniter
N131 Front passenger side airbag igniter 1
T4 4-pin connector
T10x 10-pin connector
T12k 12-pin connector
T90 90-pin connector

381 Earth connection 16, in main wiring harness
687 Earth point 1, on centre tunnel
B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
B390 Connection 1 (powertrain CAN bus, low), in main wiring harness



Buzzer and gong, Control unit in dash panel insert, Data bus diagnostic interface, Seat belt warning system warning lamp, Airbag warning lamp

- H3 Buzzer and gong
- J285 Control unit in dash panel insert
- J533 Data bus diagnostic interface, in left footwell, near centre console
- K19 Seat belt warning system warning lamp
- K75 Airbag warning lamp
- T18 18-pin connector
- T20a 20-pin connector

- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness

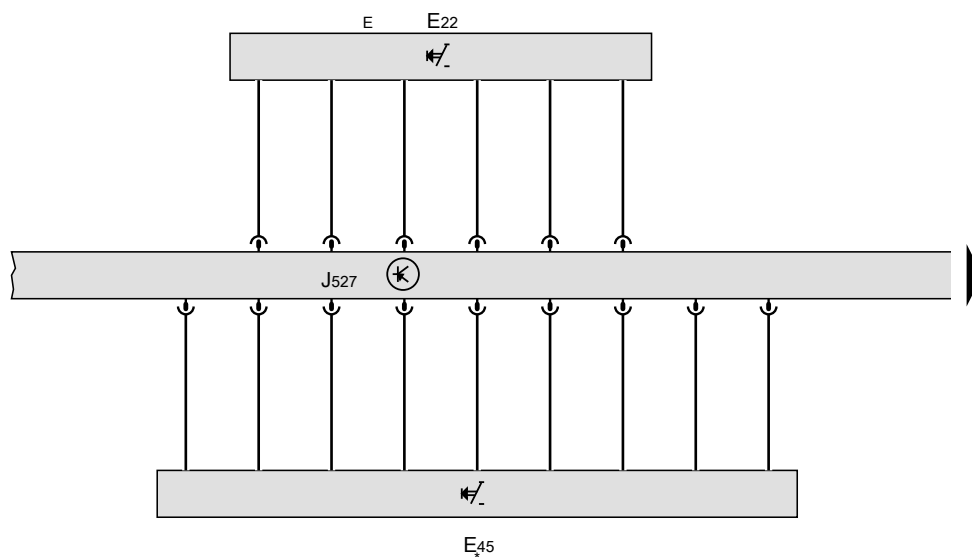
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- sw = black
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- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Basic equipment , (L0L),(5C0)

From November 2013

Intermittent wiper switch, Cruise control system switch,
Steering column electronics control unit

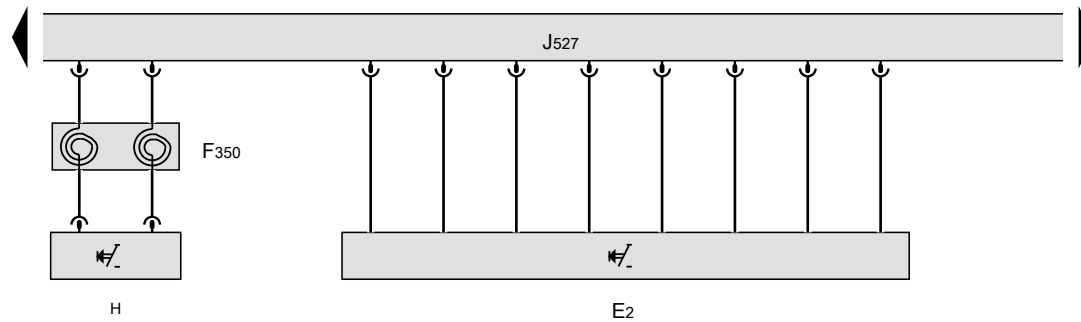
- E Windscreen wiper switch
- E22 Intermittent wiper switch
- E45 Cruise control system switch
- J527 Steering column electronics control unit
- * For models with cruise control system (CCS)



- ws = white
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Turn signal switch, Horn plate, Steering column electronics control unit

- E2 Turn signal switch
- F350 Coil connector
- H Horn plate
- J527 Steering column electronics control unit



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- vi = purple
- ge = yellow
- or = orange
- rs = pink

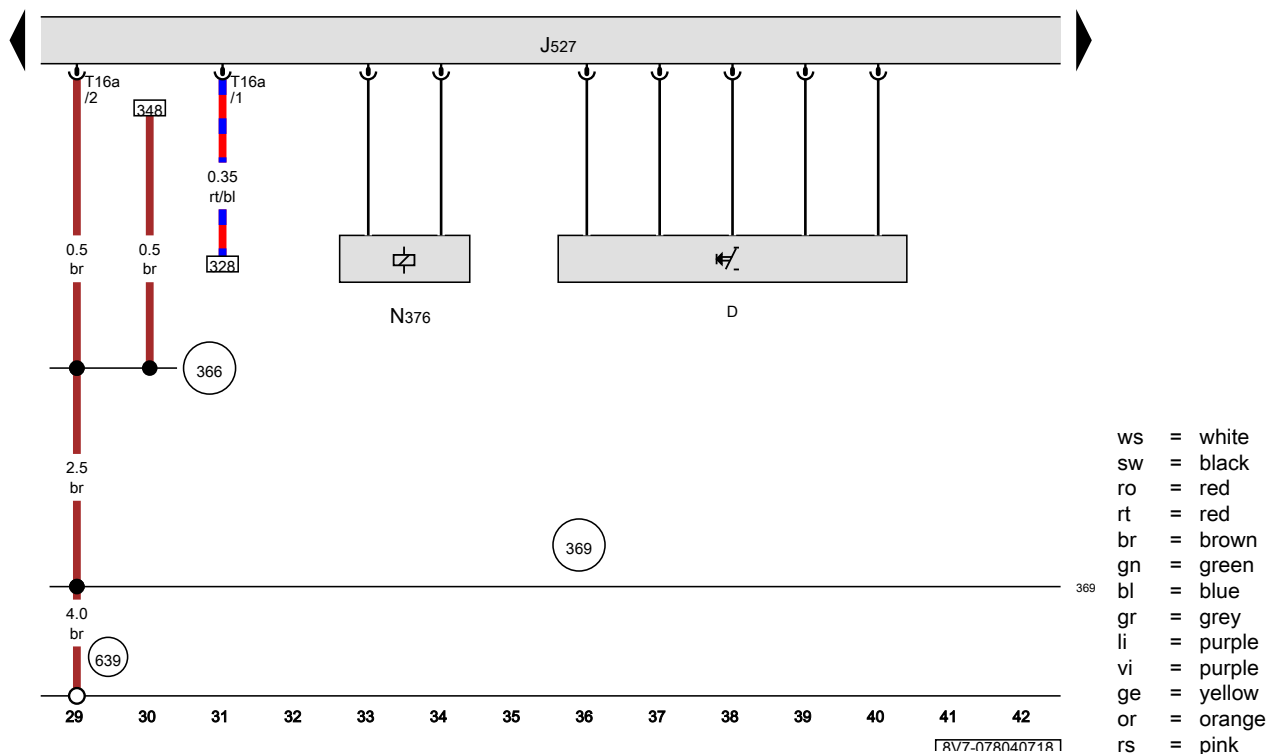
15 16 17 18 19 20 21 22 23 24 25 26 27 28

[8V7-078030718]

Ignition/starter switch, Steering column electronics control unit

- D Ignition/starter switch
- J527 Steering column electronics control unit
- N376 Ignition key withdrawal lock solenoid
- T1 1-pin connector, black
- T16a 16-pin connector

- 366 Earth connection 1, in main wiring harness
- 369 Earth connection 4, in main wiring harness
- 639 Earth point, left A-pillar

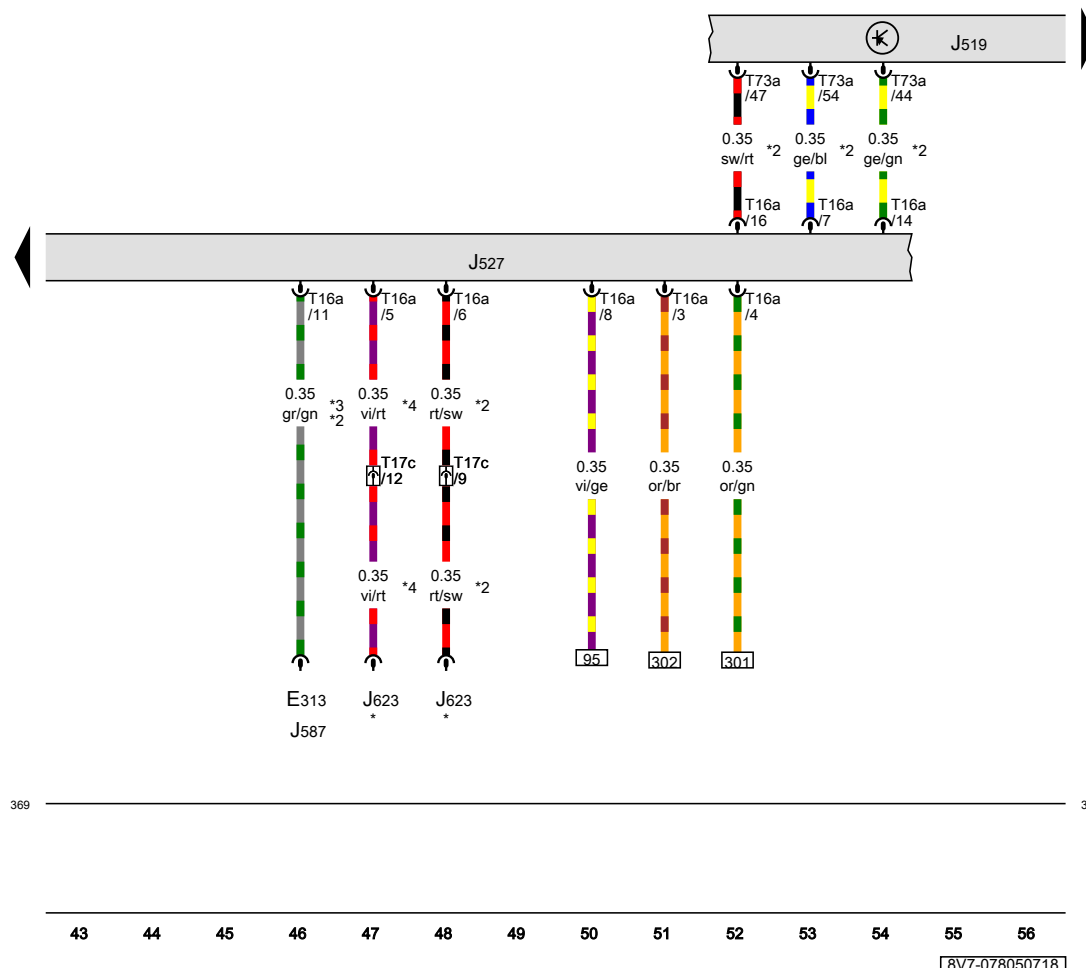


Onboard supply control unit, Steering column electronics control unit

- E313 Selector lever
- J519 Onboard supply control unit
- J527 Steering column electronics control unit
- J587 Selector lever sensors control unit
- J623 Engine/motor control unit
- T16a 16-pin connector
- T17c 17-pin connector
- T73a 73-pin connector

369 Earth connection 4, in main wiring harness

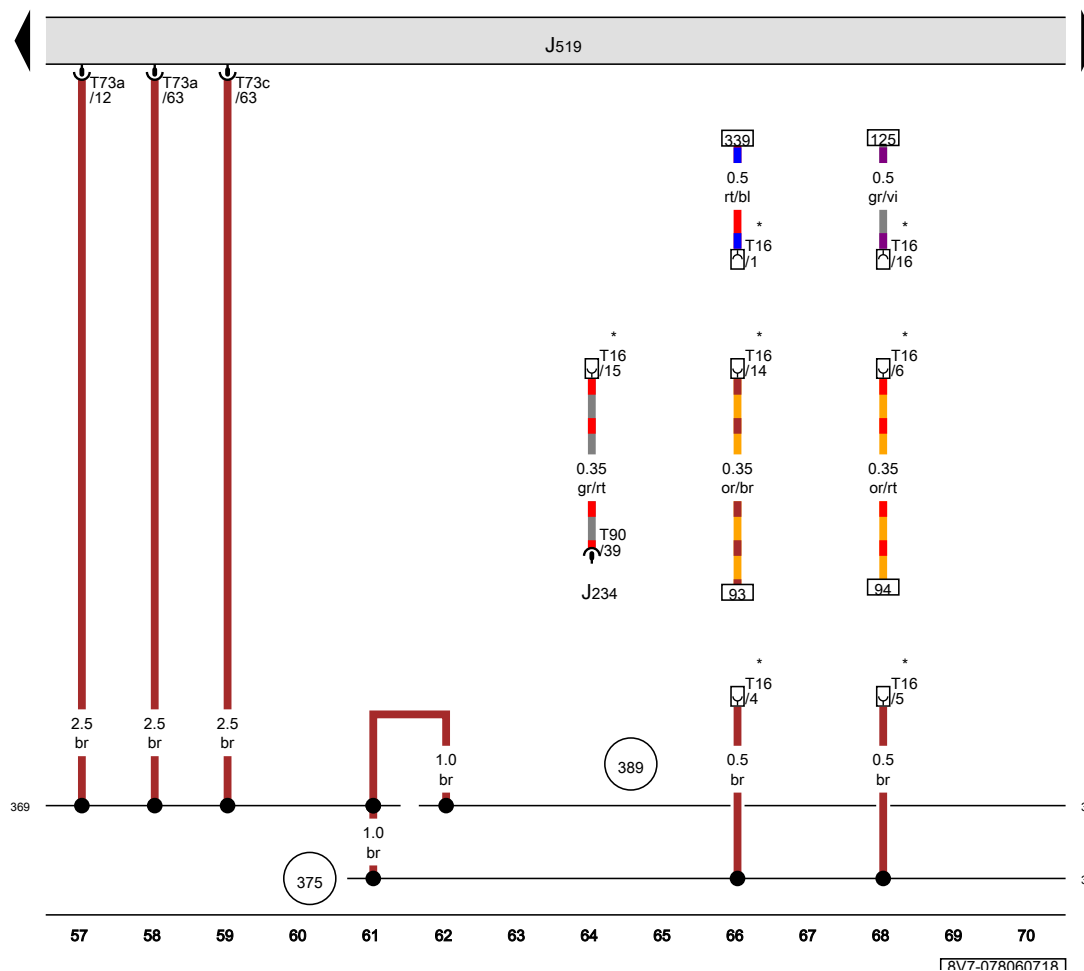
- * see applicable current flow diagram for engine
- *2 For models with no entry and start authorisation
- *3 see applicable current flow diagram for automatic gearbox
- *4 For models with cruise control system (CCS)



Onboard supply control unit

- J234 Airbag control unit
- J519 Onboard supply control unit
- T16 16-pin connector
- T73a 73-pin connector
- T73c 73-pin connector
- T90 90-pin connector

- 369 Earth connection 4, in main wiring harness
- 375 Earth connection 10, in main wiring harness
- 389 Earth connection 24, in main wiring harness
- * Diagnostic connection



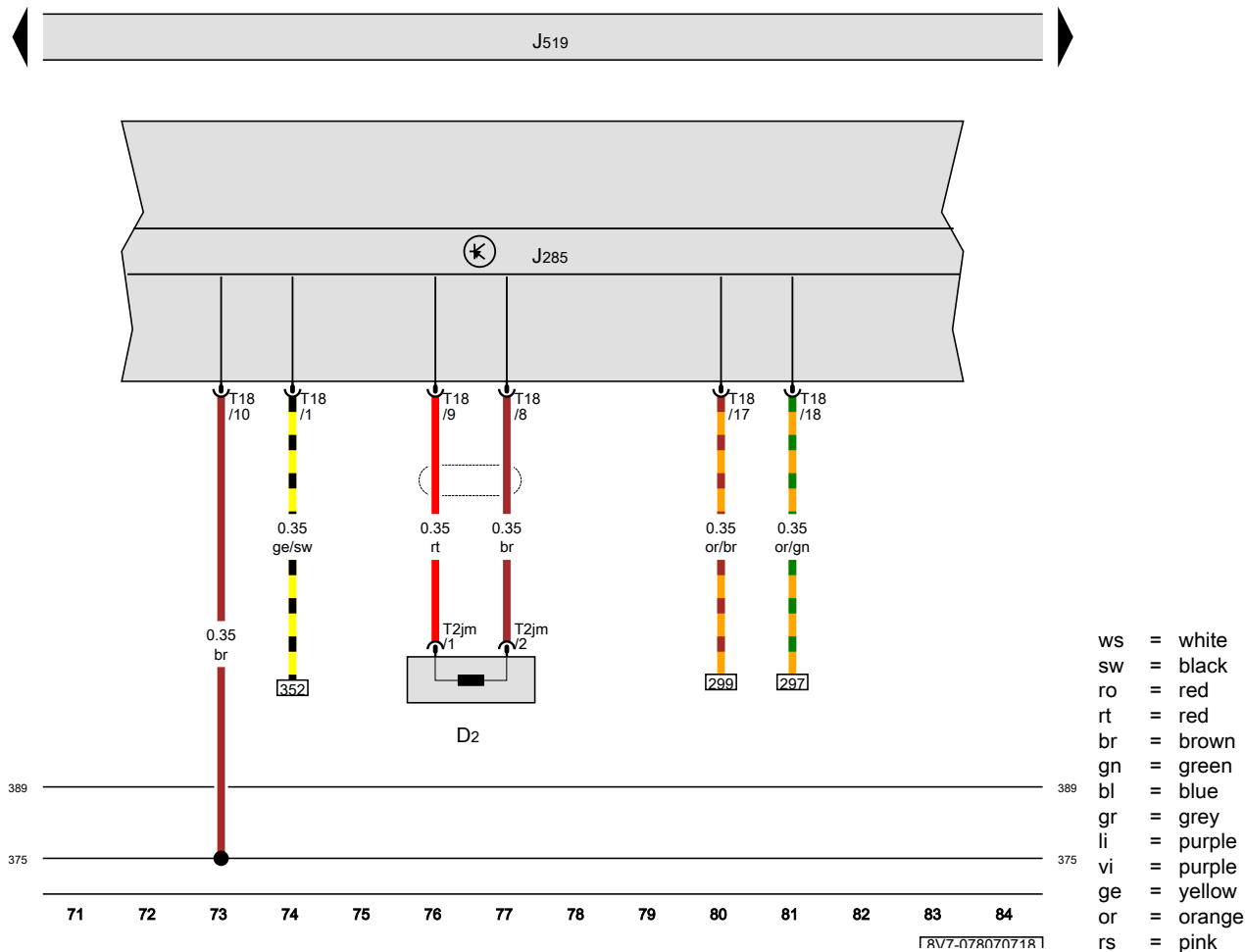
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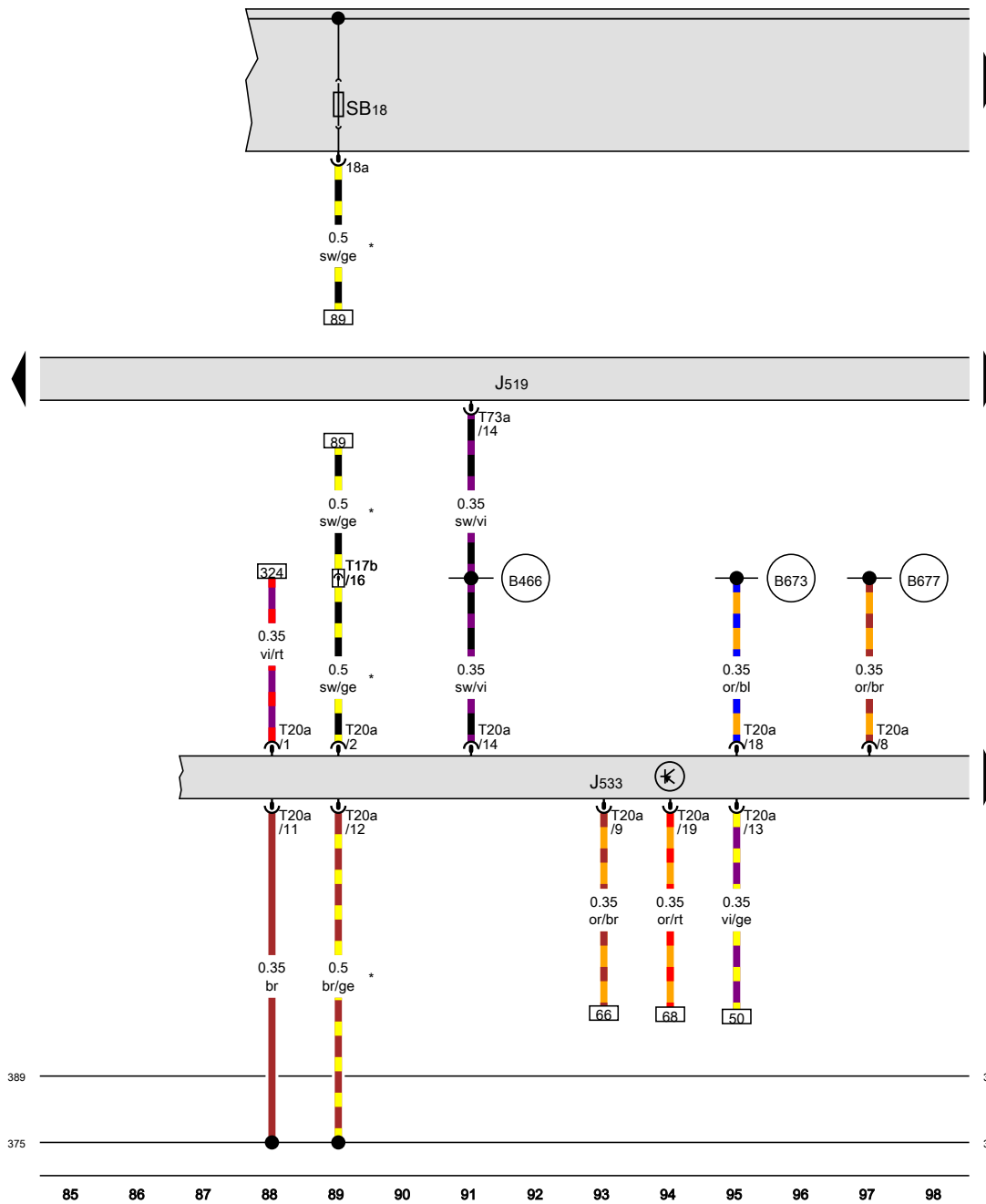
Control unit in dash panel insert, Onboard supply control unit

- D2 Immobiliser reader coil
- J285 Control unit in dash panel insert
- J519 Onboard supply control unit
- T2jm 2-pin connector
- T18 18-pin connector

375 Earth connection 10, in main wiring harness

389 Earth connection 24, in main wiring harness





Onboard supply control unit, Data bus diagnostic interface

J519 Onboard supply control unit
 J533 Data bus diagnostic interface
 SB18 Fuse 18 on fuse holder B
 T17b 17-pin connector
 T20a 20-pin connector
 T73a 73-pin connector

375 Earth connection 10, in main wiring harness

389 Earth connection 24, in main wiring harness

B466 Connection 2, in main wiring harness

B673 Connection 2 (running gear/dash panel insert CAN bus, high), in main wiring harness

B677 Connection 2 (running gear/dash panel insert CAN bus, low), in main wiring harness

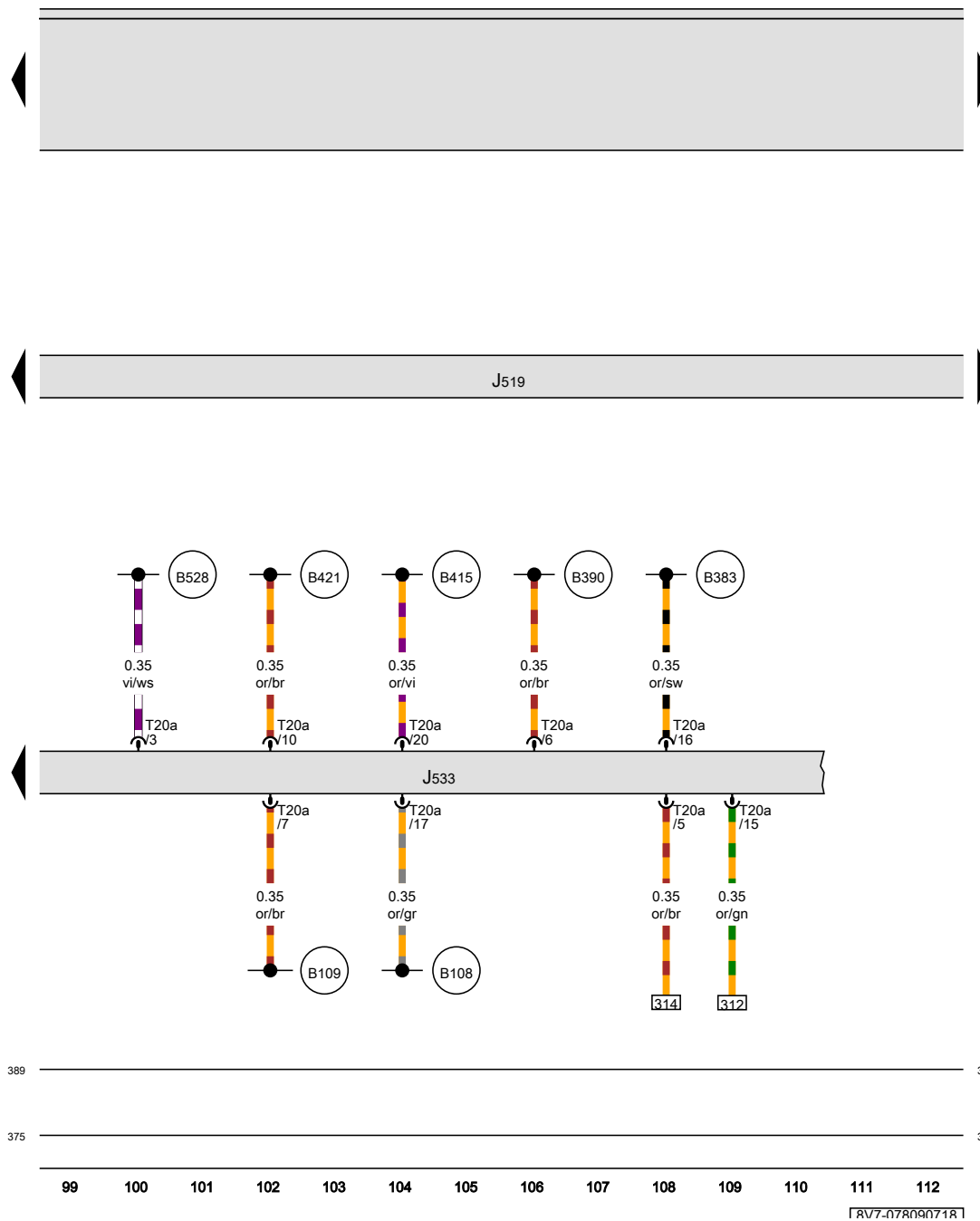
* For models with no start/stop system

ws = white
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 gr = grey
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 vi = purple
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Onboard supply control unit, Data bus diagnostic interface

J519 Onboard supply control unit
J533 Data bus diagnostic interface
T20a 20-pin connector

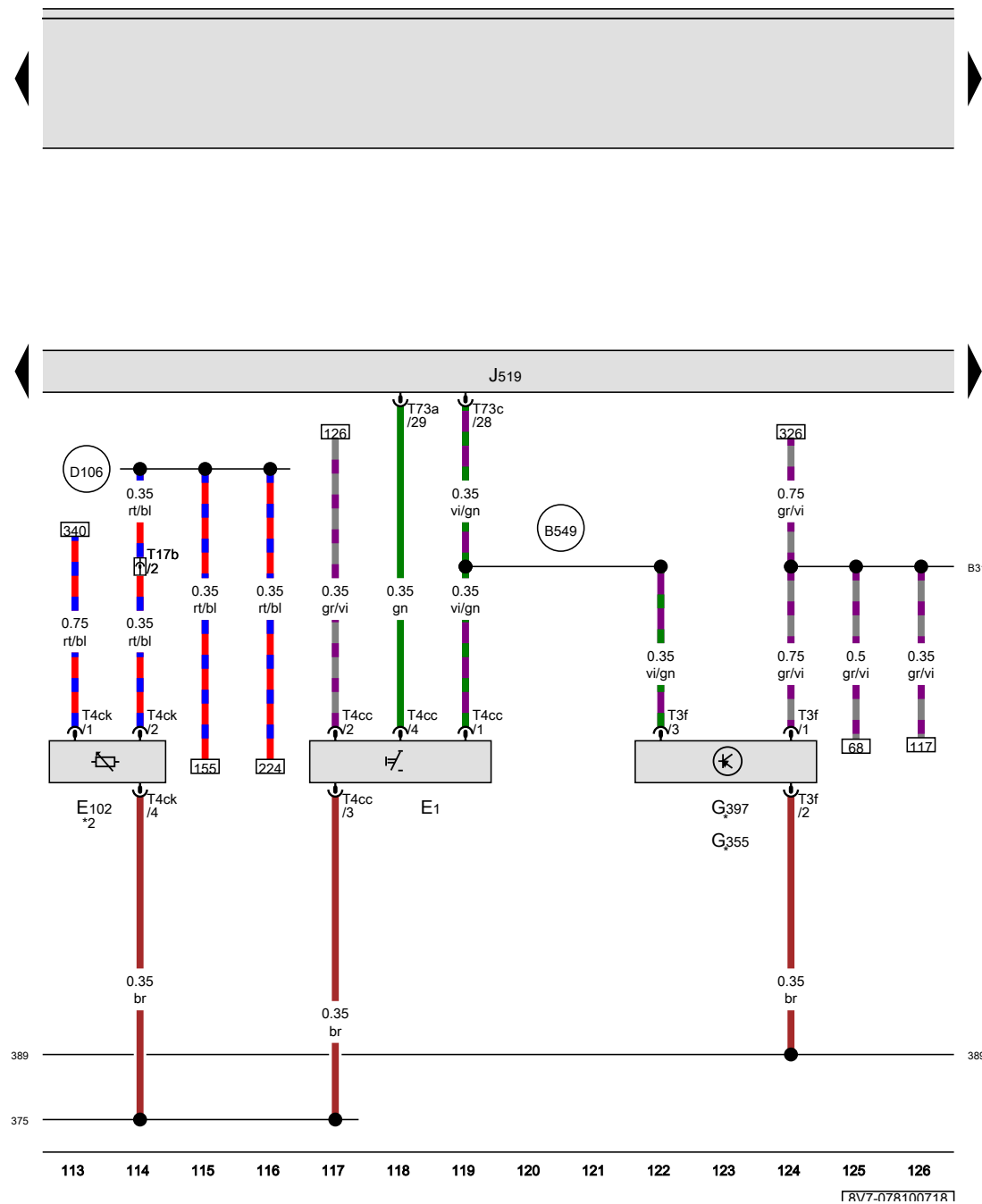
- 375 Earth connection 10, in main wiring harness
- 389 Earth connection 24, in main wiring harness
- B108 Connection 1 (CAN bus extended high), in main wiring harness
- B109 Connection 1 (CAN bus extended low), in main wiring harness
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- B415 Connection 1 (infotainment CAN bus, high), in main wiring harness
- B421 Connection 1 (infotainment CAN bus, low), in main wiring harness
- B528 Connection 1 (LIN bus) in main wiring harness

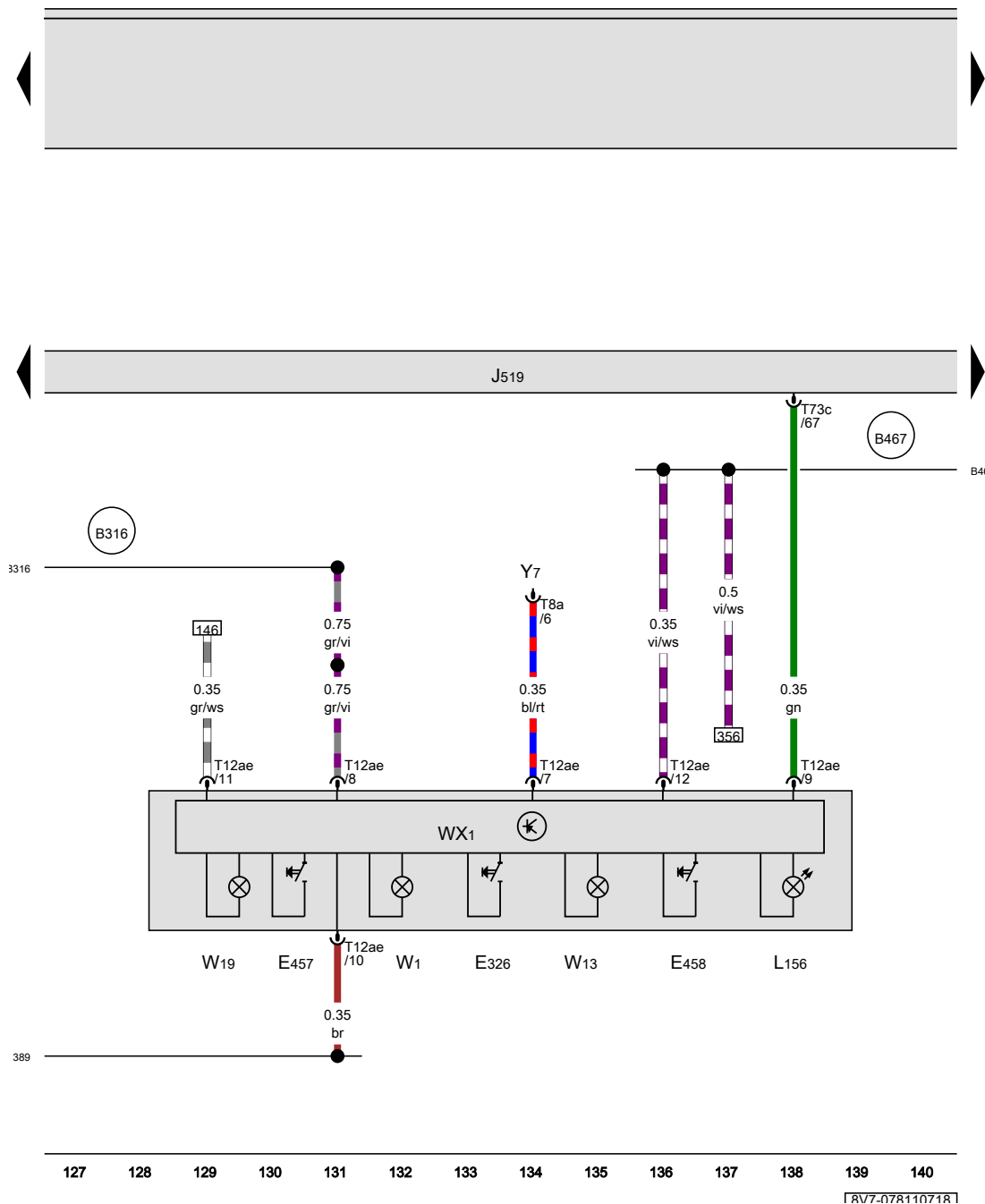


Light switch, Rain and light sensor, Onboard supply control unit

- E1 Light switch
- E102 Headlight range control regulator
- G355 Humidity sender
- G397 Rain and light sensor
- J519 Onboard supply control unit
- T3f 3-pin connector
- T4cc 4-pin connector
- T4ck 4-pin connector
- T17b 17-pin connector
- T73a 73-pin connector
- T73c 73-pin connector

- 375 Earth connection 10, in main wiring harness
- 389 Earth connection 24, in main wiring harness
- B316 Positive connection 2 (30a) in main wiring harness
- B549 Connection 2 (LIN bus) in main wiring harness
- D106 Connection 4 in engine compartment wiring harness
- * According to equipment
- *2 For models with no automatic headlight range control

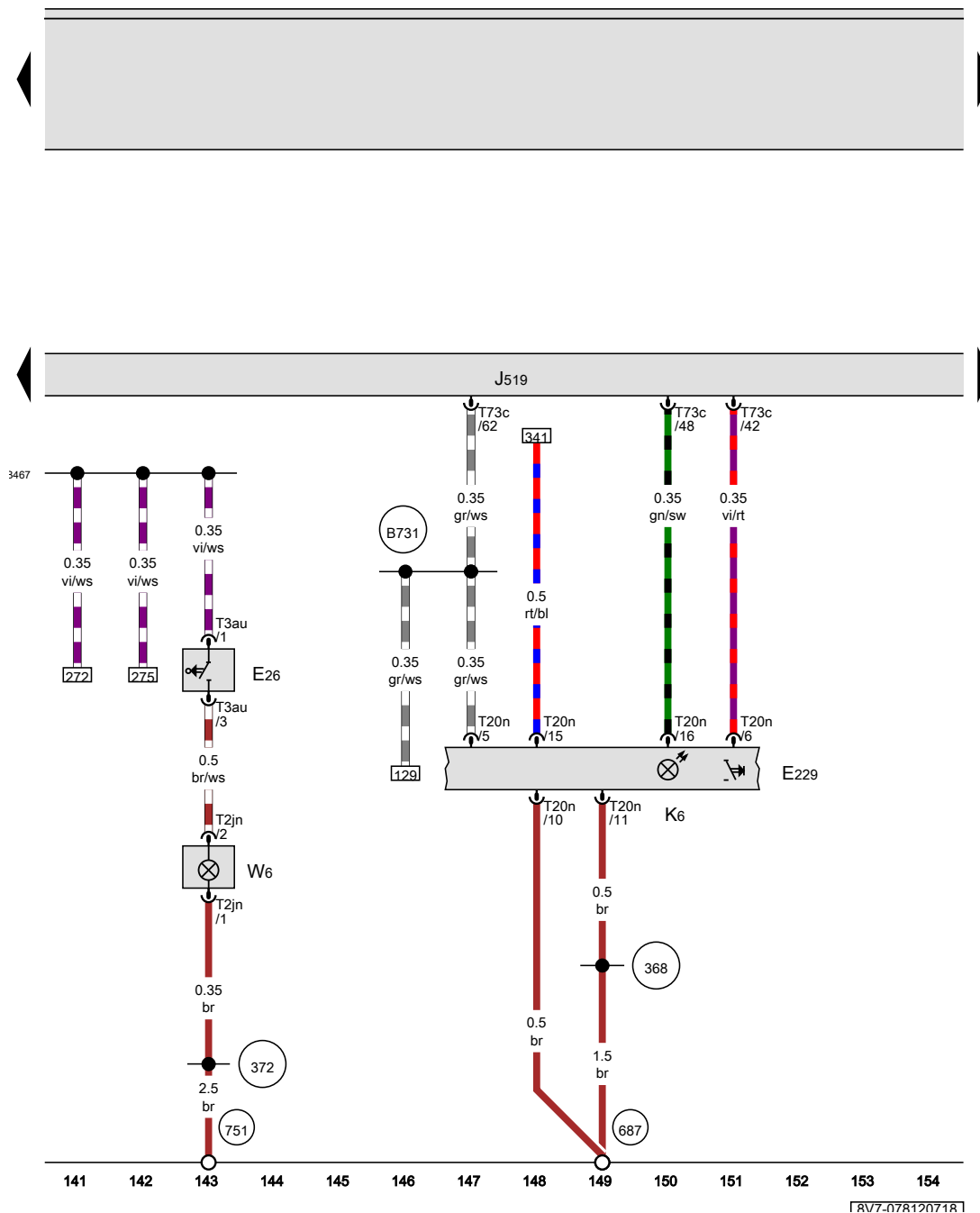




Onboard supply control unit, Front interior light

- E326 Front interior light button
- E457 Driver side reading light button
- E458 Front passenger side reading light button
- J519 Onboard supply control unit
- L156 Switch illumination bulb
- T8a 8-pin connector
- T12ae 12-pin connector
- T73c 73-pin connector
- WX1 Front interior light
- W1 Front interior light
- W13 Front passenger reading light
- W19 Driver side reading light
- Y7 Automatic anti-dazzle interior mirror

- 389 Earth connection 24, in main wiring harness
- B316 Positive connection 2 (30a) in main wiring harness
- B467 Connection 3, in main wiring harness



Glove compartment light switch, Hazard warning lights button, Onboard supply control unit, Glove compartment light

- E26 Glove compartment light switch
- E229 Hazard warning lights button
- J519 Onboard supply control unit
- K6 Indicator lamp for hazard warning light
- T2jn 2-pin connector
- T3au 3-pin connector
- T20n 20-pin connector
- T73c 73-pin connector
- W6 Glove compartment light

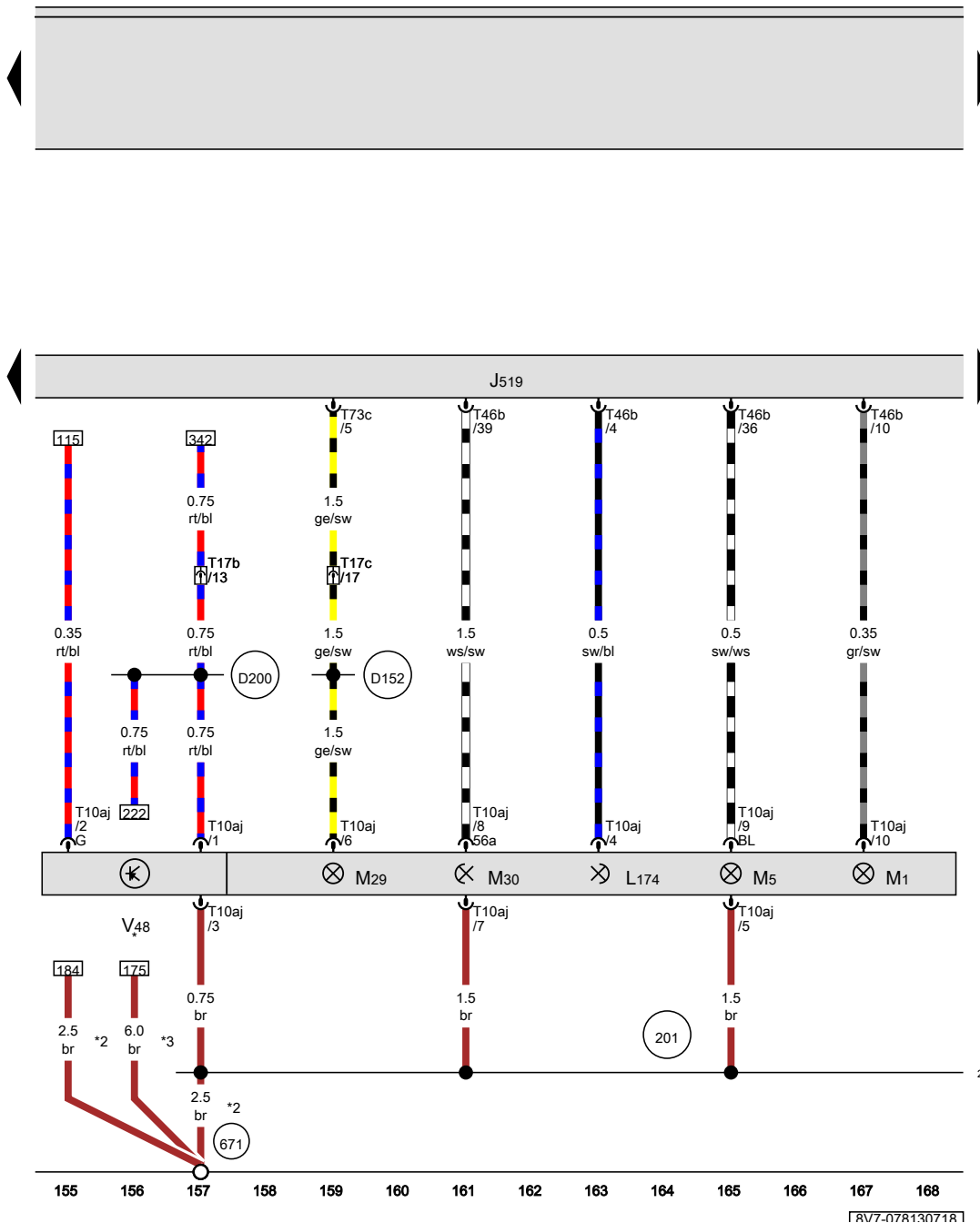
- 368 Earth connection 3, in main wiring harness
- 372 Earth connection 7, in main wiring harness
- 687 Earth point 1, on centre tunnel
- 751 Earth point 2, on right A-pillar
- B467 Connection 3, in main wiring harness
- B731 Connection 1 (58s), in main wiring harness

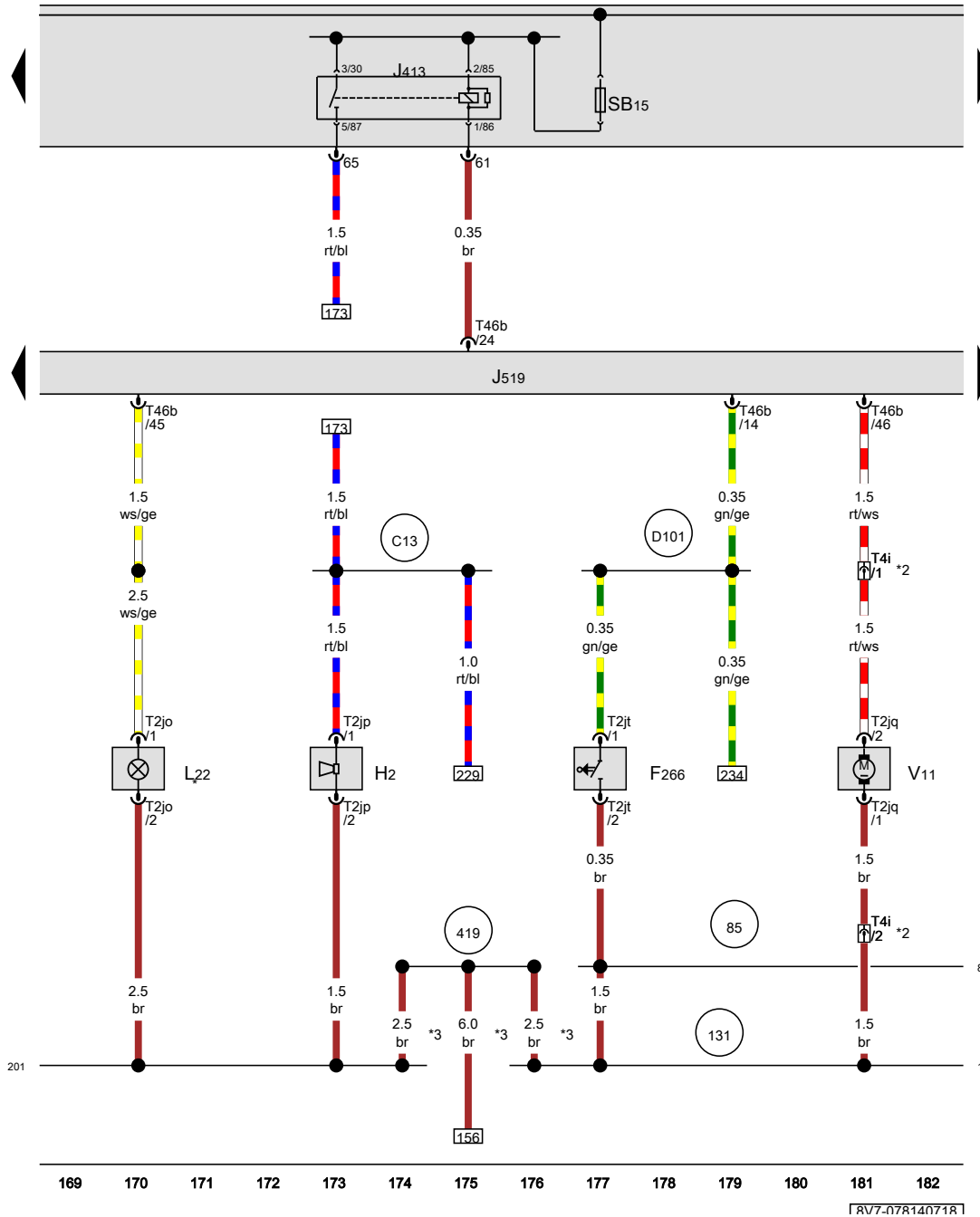
Onboard supply control unit, Left daytime running light bulb, Left side light bulb, Front left turn signal bulb, Left headlight dipped beam bulb, Left headlight main beam bulb, Left headlight range control motor

- J519 Onboard supply control unit
- L174 Left daytime running light bulb
- M1 Left side light bulb
- M5 Front left turn signal bulb
- M29 Left headlight dipped beam bulb
- M30 Left headlight main beam bulb
- T10aj 10-pin connector
- T17b 17-pin connector
- T17c 17-pin connector
- T46b 46-pin connector
- T73c 73-pin connector
- V48 Left headlight range control motor

- 201 Earth connection 5, in engine compartment wiring harness
- 671 Earth point 1, on front of left longitudinal member
- D152 Positive connection 1 (56b), in engine compartment wiring harness
- D200 Positive connection 3 (15a), in engine compartment wiring harness
- * For models with headlight range control
- *2 Gradually discontinued
- *3 gradual introduction

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
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or = orange
rs = pink





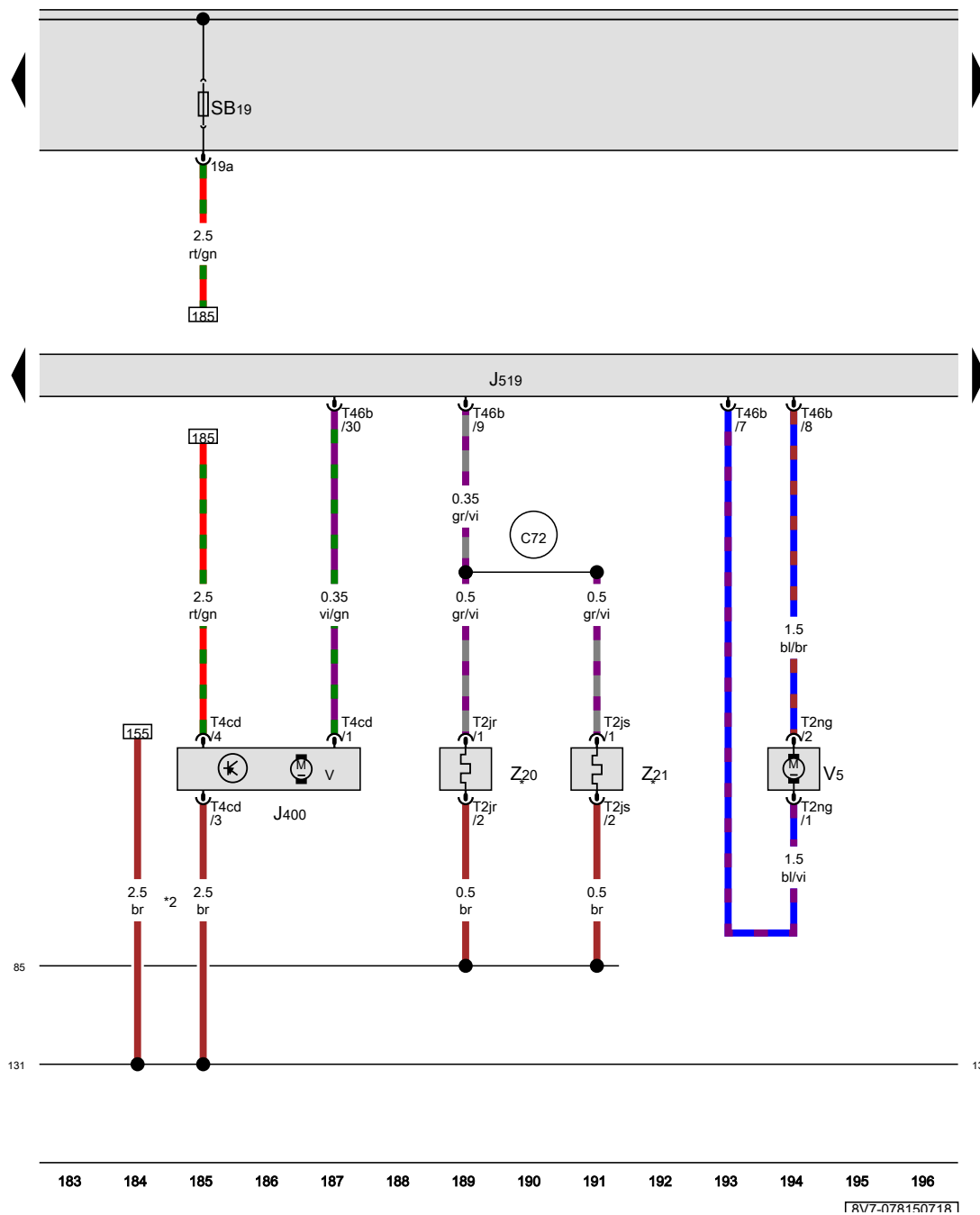
Bonnet contact switch, Treble horn, Onboard supply control unit, Left fog light bulb, Headlight washer system pump

- F266 Bonnet contact switch
- H2 Treble horn
- J413 Horn relay
- J519 Onboard supply control unit
- L22 Left fog light bulb
- SB15 Fuse 15 on fuse holder B
- T2jo 2-pin connector
- T2jp 2-pin connector
- T2jq 2-pin connector
- T2jt 2-pin connector
- T4i 4-pin connector
- T46b 46-pin connector
- V11 Headlight washer system pump

- 85 Earth connection 1, in engine compartment wiring harness
- 131 Earth connection 2, in engine compartment wiring harness
- 201 Earth connection 5, in engine compartment wiring harness
- 419 Earth connection 11, in engine compartment wiring harness
- C13 Positive connection in dual tone horn wiring harness
- D101 Connection 1 in engine compartment wiring harness

- * For models with fog lights
- *2 According to equipment
- *3 gradual introduction

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Wiper motor control unit, Onboard supply control unit, Windscreen wiper motor, Washer pump, Left washer jet heater element, Right washer jet heater element

- J400 Wiper motor control unit
- J519 Onboard supply control unit
- SB19 Fuse 19 on fuse holder B
- T2jr 2-pin connector
- T2js 2-pin connector
- T2ng 2-pin connector
- T4cd 4-pin connector
- T46b 46-pin connector
- V Windscreen wiper motor
- V5 Washer pump
- Z20 Left washer jet heater element
- Z21 Right washer jet heater element

85 Earth connection 1, in engine compartment wiring harness

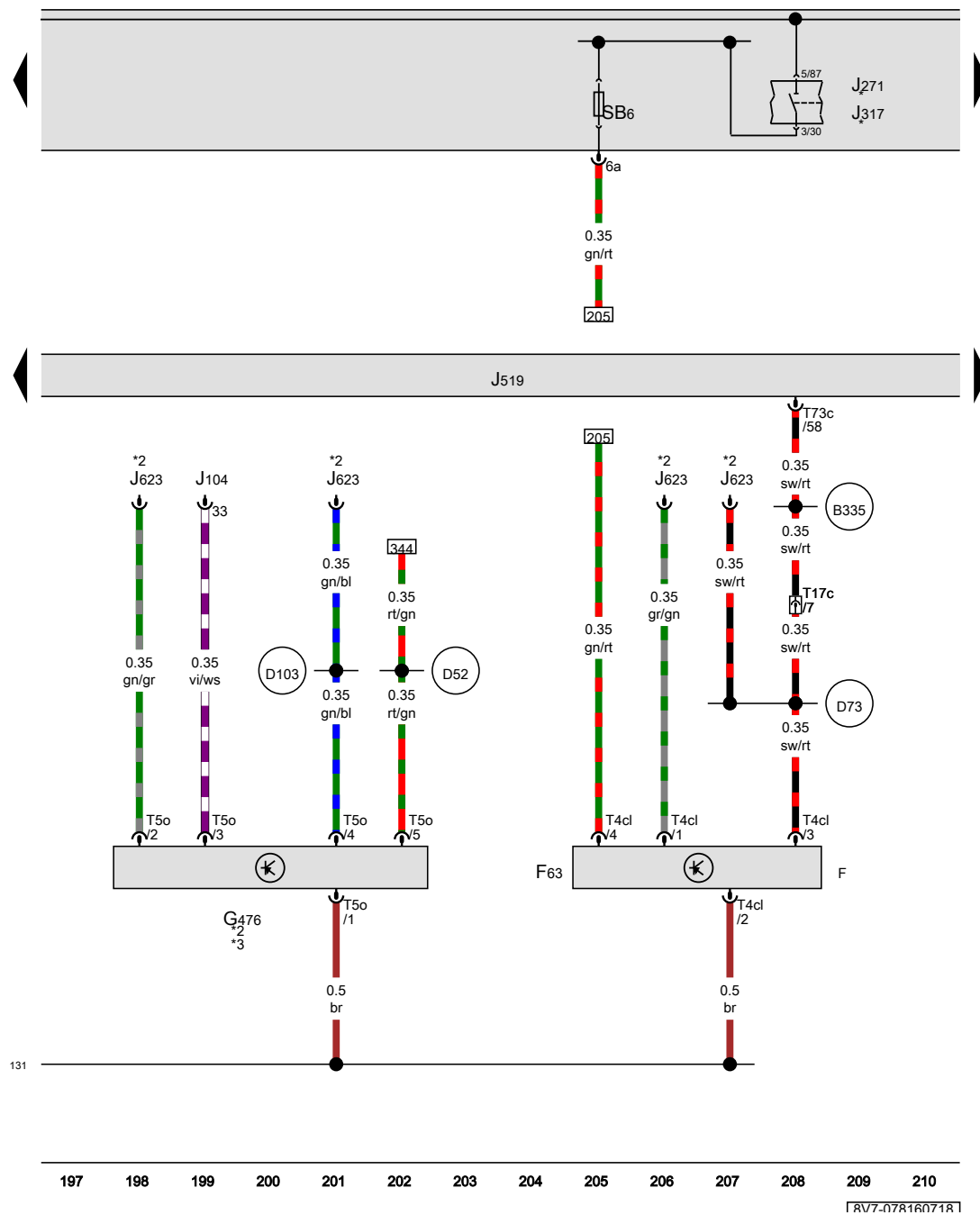
131 Earth connection 2, in engine compartment wiring harness

C72 Positive connection in heated washer jet wiring harness

* For models with heater element for washer jets

*2 Gradually discontinued

ws = white
sw = black
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Brake pedal switch, Clutch position sender, Onboard supply control unit

- F Brake light switch
- F63 Brake pedal switch
- G476 Clutch position sender
- J104 ABS control unit
- J271 Main relay
- J317 Terminal 30 voltage supply relay
- J519 Onboard supply control unit
- J623 Engine/motor control unit
- SB6 Fuse 6 on fuse holder B
- T4cl 4-pin connector
- T50 5-pin connector
- T17c 17-pin connector
- T73c 73-pin connector

- 131 Earth connection 2, in engine compartment wiring harness
- B335 Connection 1 (54), in main wiring harness
- D52 Positive connection (15a), in engine compartment wiring harness
- D73 Positive connection (54), in engine compartment wiring harness
- D103 Connection 3 in engine compartment wiring harness
- * According to equipment
- *2 see applicable current flow diagram for engine
- *3 For models with manual gearbox

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

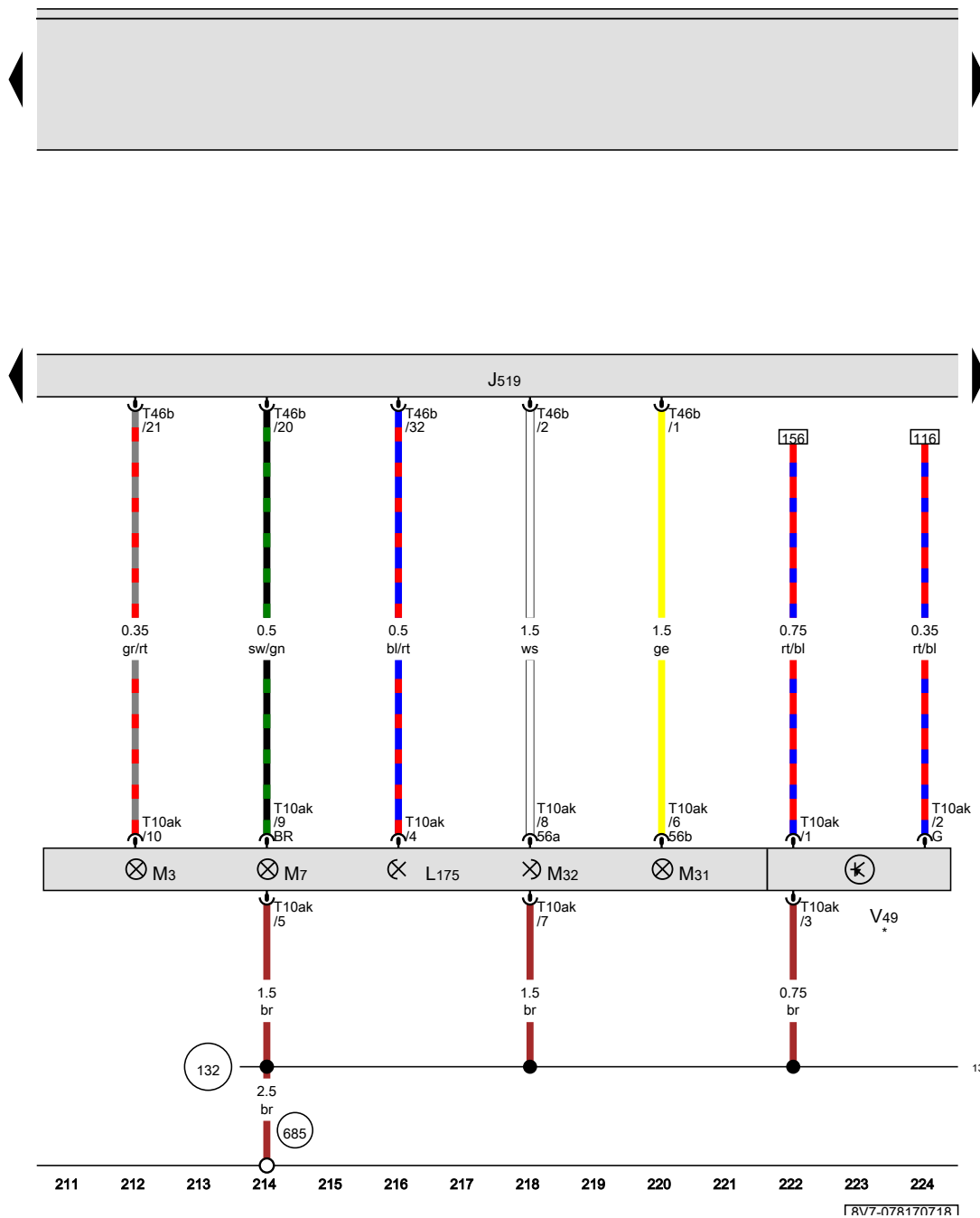
Onboard supply control unit, Right daytime running light bulb, Right side light bulb, Front right turn signal bulb, Right headlight dipped beam bulb, Right headlight main beam bulb, Right headlight range control motor

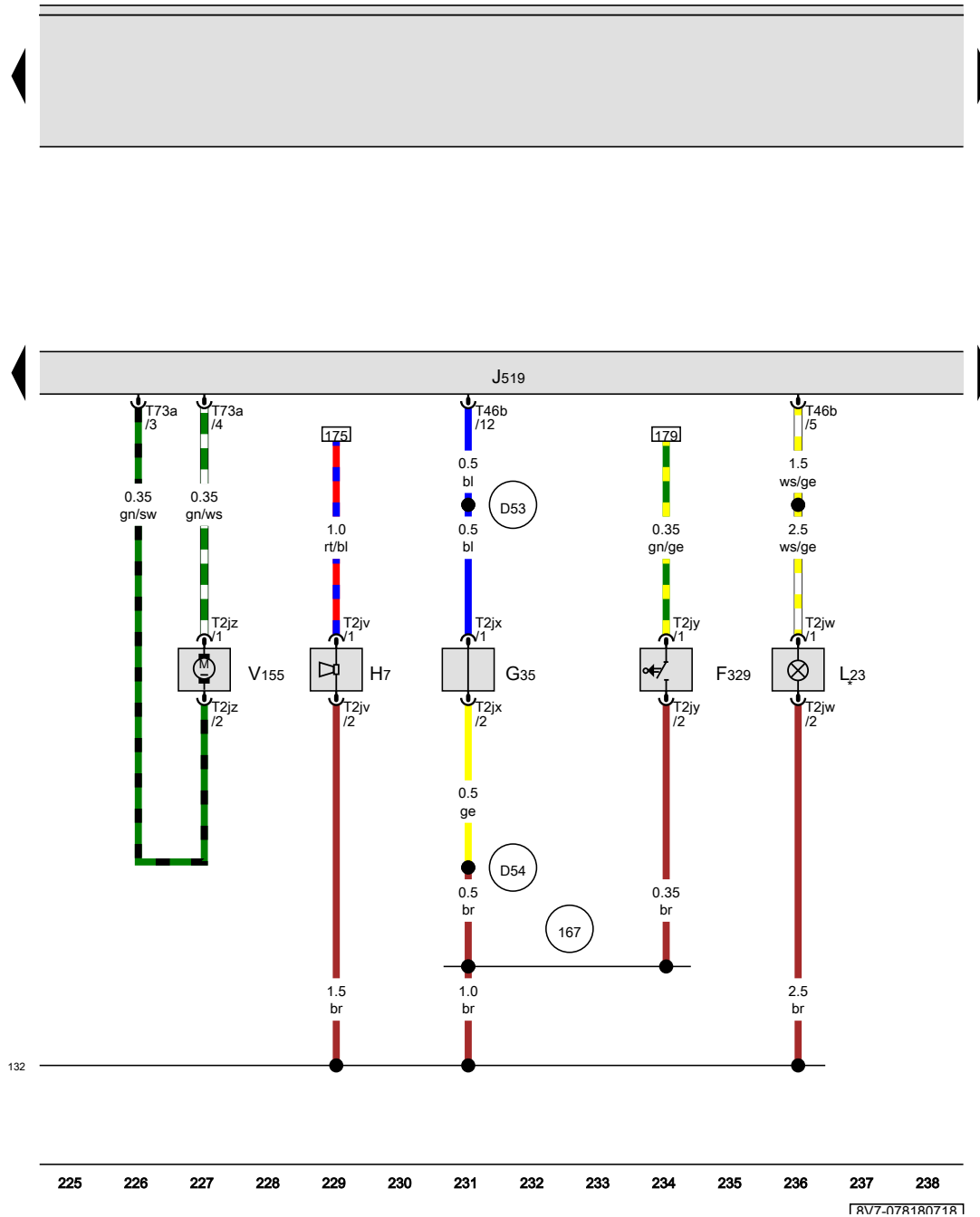
- J519 Onboard supply control unit
- L175 Right daytime running light bulb
- M3 Right side light bulb
- M7 Front right turn signal bulb
- M31 Right headlight dipped beam bulb
- M32 Right headlight main beam bulb
- T10ak 10-pin connector
- T46b 46-pin connector
- V49 Right headlight range control motor

132 Earth connection 3, in engine compartment wiring harness

685 Earth point 1, on front of right longitudinal member

* For models with headlight range control





Bonnet contact switch 2, Front right brake pad wear sender, Bass horn, Onboard supply control unit, Right fog light bulb, Tank filler flap locking motor

- F329 Bonnet contact switch 2
- G35 Front right brake pad wear sender
- H7 Bass horn
- J519 Onboard supply control unit
- L23 Right fog light bulb
- T2jv 2-pin connector
- T2jw 2-pin connector
- T2jx 2-pin connector
- T2jy 2-pin connector
- T2jz 2-pin connector
- T46b 46-pin connector
- T73a 73-pin connector
- V155 Tank filler flap locking motor

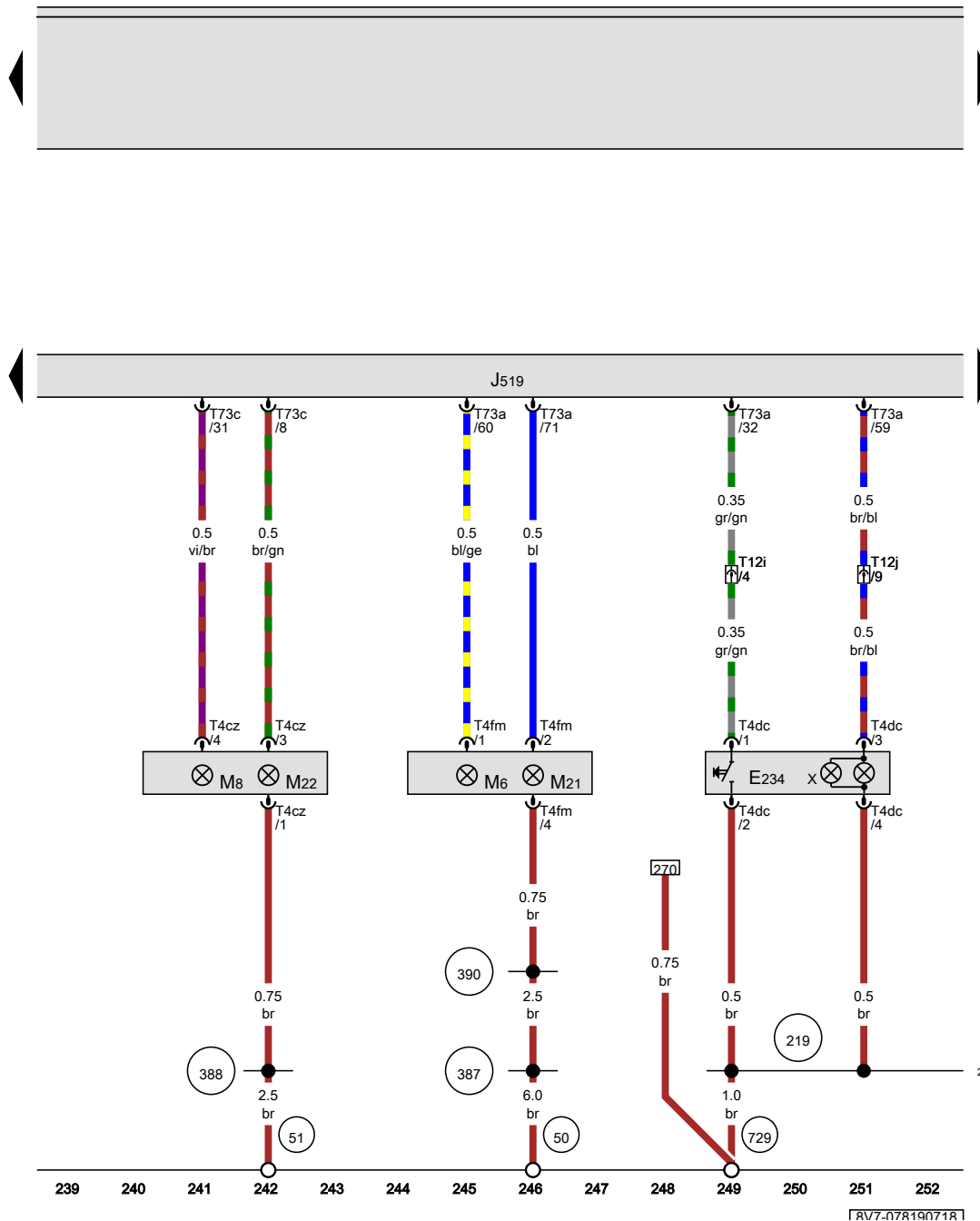
- 132 Earth connection 3, in engine compartment wiring harness
- 167 Earth connection 4, in engine compartment wiring harness
- D53 Connection (right brake wear indicator), in engine compartment wiring harness
- D54 Connection (right brake wear indicator), in engine compartment wiring harness
- * For models with fog lights

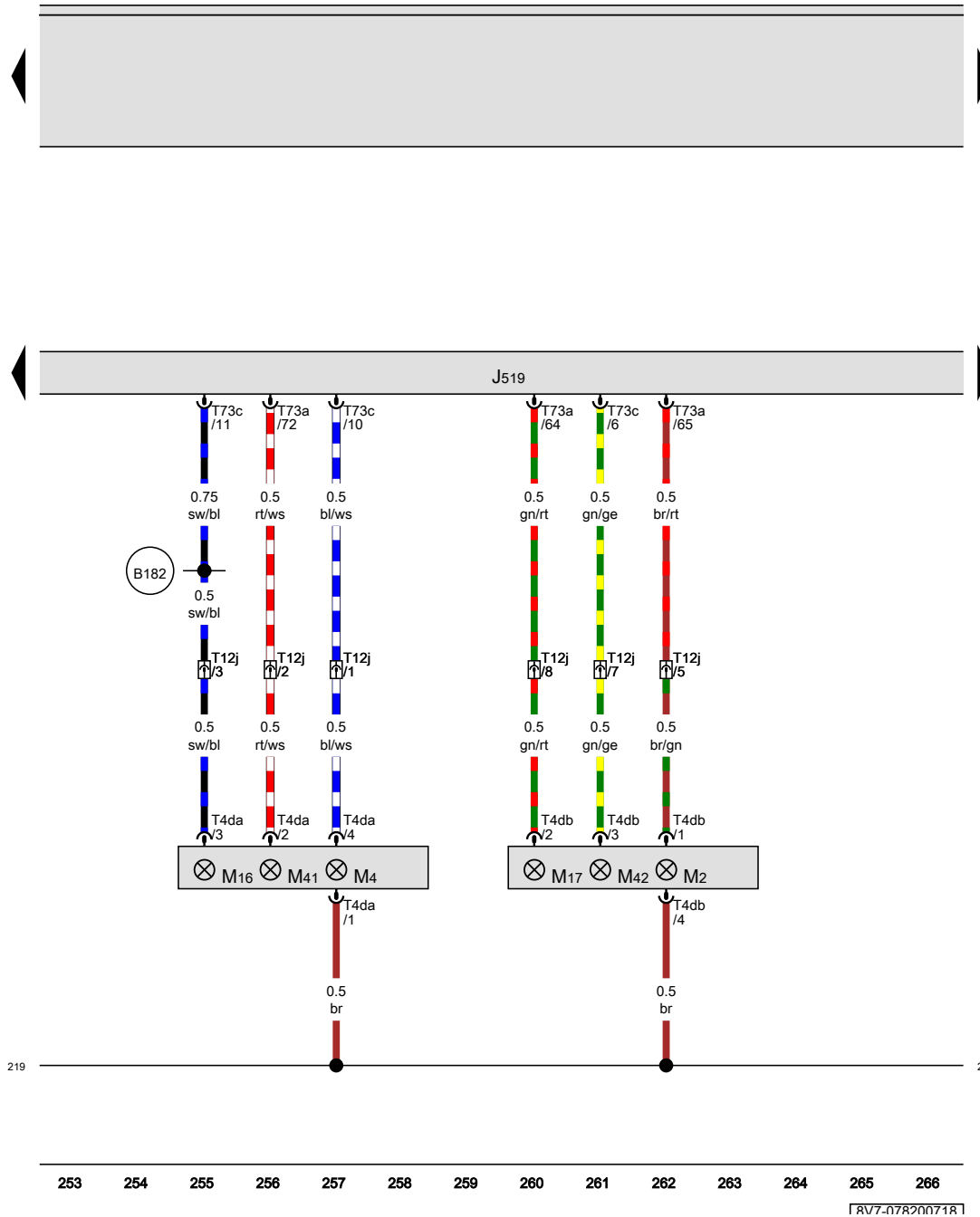
Rear lid handle release button, Onboard supply control unit, Rear left turn signal bulb, Rear right turn signal bulb, Left brake and tail light bulb, Right brake and tail light bulb, Number plate light

- E234 Rear lid handle release button
- J519 Onboard supply control unit
- M6 Rear left turn signal bulb
- M8 Rear right turn signal bulb
- M21 Left brake and tail light bulb
- M22 Right brake and tail light bulb
- T4cz 4-pin connector
- T4dc 4-pin connector
- T4fm 4-pin connector
- T12i 12-pin connector
- T12j 12-pin connector
- T73a 73-pin connector
- T73c 73-pin connector
- X Number plate light

- 50 Earth point, on left in luggage compartment
- 51 Earth point, on right in luggage compartment
- 219 Earth connection 2, in rear lid wiring harness
- 387 Earth connection 22, in main wiring harness
- 388 Earth connection 23, in main wiring harness
- 390 Earth connection 25, in main wiring harness
- 729 Earth point, on left rear wheel housing

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 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



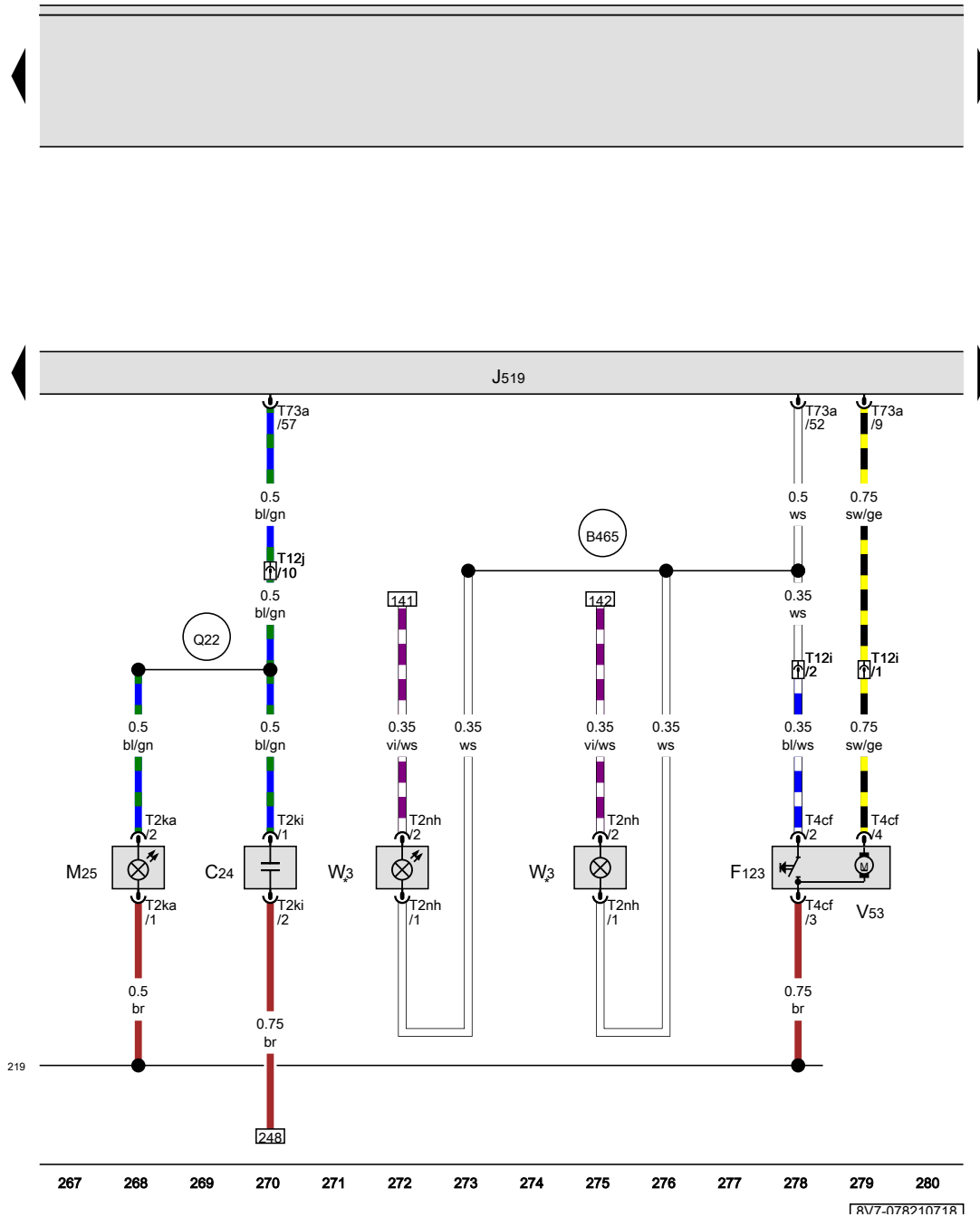


Onboard supply control unit, Right tail light bulb, Left tail light bulb, Left reversing light bulb, Right reversing light bulb, Left tail light and rear fog light bulb, Right tail light and rear fog light bulb

- J519 Onboard supply control unit
- M2 Right tail light bulb
- M4 Left tail light bulb
- M16 Left reversing light bulb
- M17 Right reversing light bulb
- M41 Left tail light and rear fog light bulb
- M42 Right tail light and rear fog light bulb
- T4da 4-pin connector
- T4db 4-pin connector
- T12j 12-pin connector
- T73a 73-pin connector
- T73c 73-pin connector

- 219 Earth connection 2, in rear lid wiring harness
- B182 Connection (RL), in interior wiring harness

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Rear lid contact switch for anti-theft alarm, Onboard supply control unit, High-level brake light bulb, Rear lid central locking motor

- C24 Suppression filter
- F123 Rear lid contact switch for anti-theft alarm
- J519 Onboard supply control unit
- M25 High-level brake light bulb
- T2ka 2-pin connector
- T2ki 2-pin connector
- T2nh 2-pin connector
- T4cf 4-pin connector
- T12i 12-pin connector
- T12j 12-pin connector
- T73a 73-pin connector
- V53 Rear lid central locking motor
- W3 Luggage compartment light

219 Earth connection 2, in rear lid wiring harness

B465 Connection 1, in main wiring harness

Q22 Connection 1, in rear lid wiring harness

* According to equipment

Reversing light switch, Brake fluid level warning contact, Coolant shortage indicator switch, Ambient temperature sensor, Windscreen washer fluid level sender, Onboard supply control unit

- F4 Reversing light switch
- F34 Brake fluid level warning contact
- F66 Coolant shortage indicator switch
- G17 Ambient temperature sensor
- G33 Windscreen washer fluid level sender
- J519 Onboard supply control unit
- T2ke 2-pin connector
- T2kf 2-pin connector
- T2kg 2-pin connector
- T2kh 2-pin connector
- T2kp 2-pin connector
- T4i 4-pin connector
- T17c 17-pin connector
- T46b 46-pin connector

327 Earth connection (sender earth), in engine compartment wiring harness

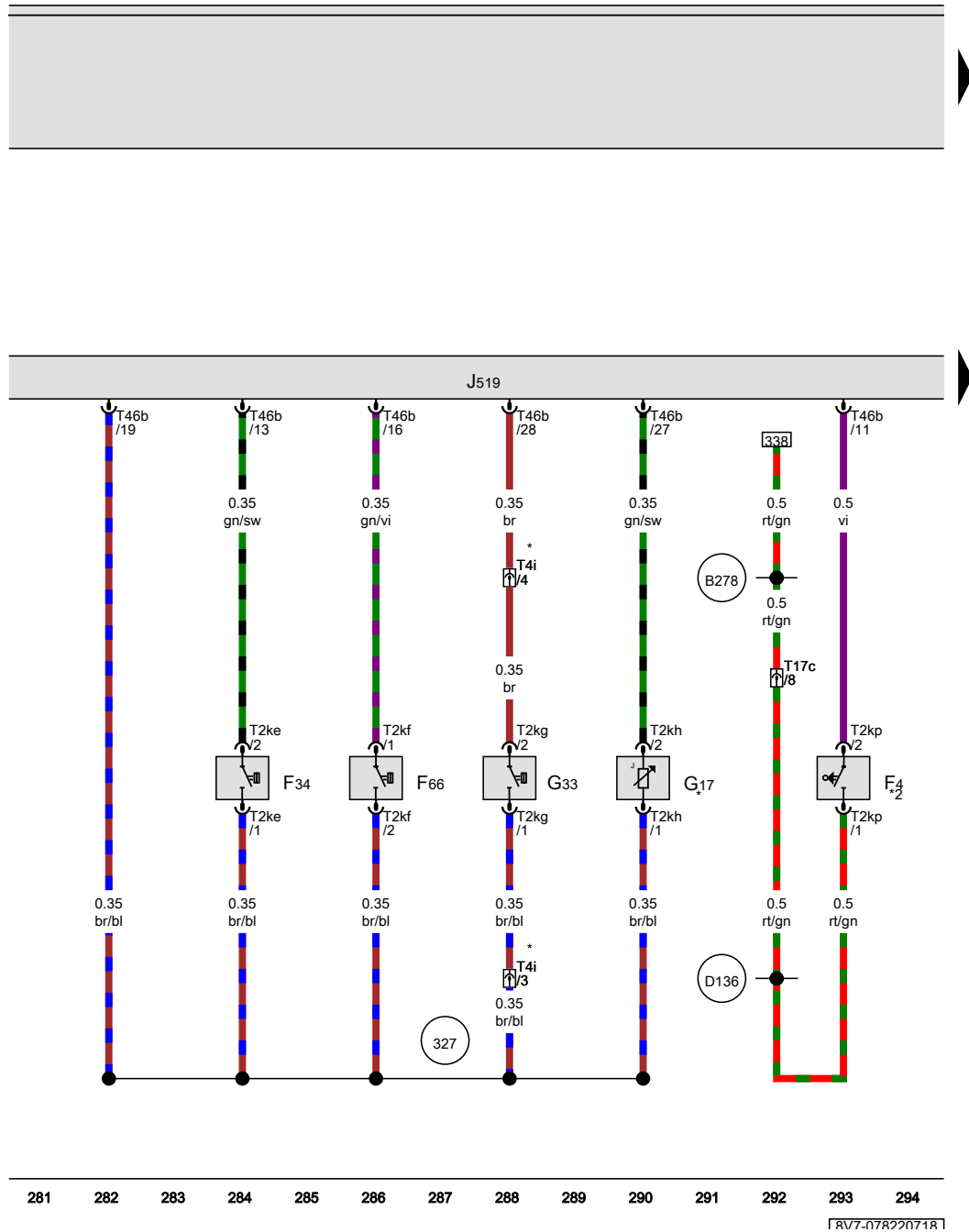
B278 Positive connection 2 (15a) in main wiring harness

D136 Positive connection 2 (15a), in engine compartment wiring harness

* According to equipment

*2 For models with manual gearbox

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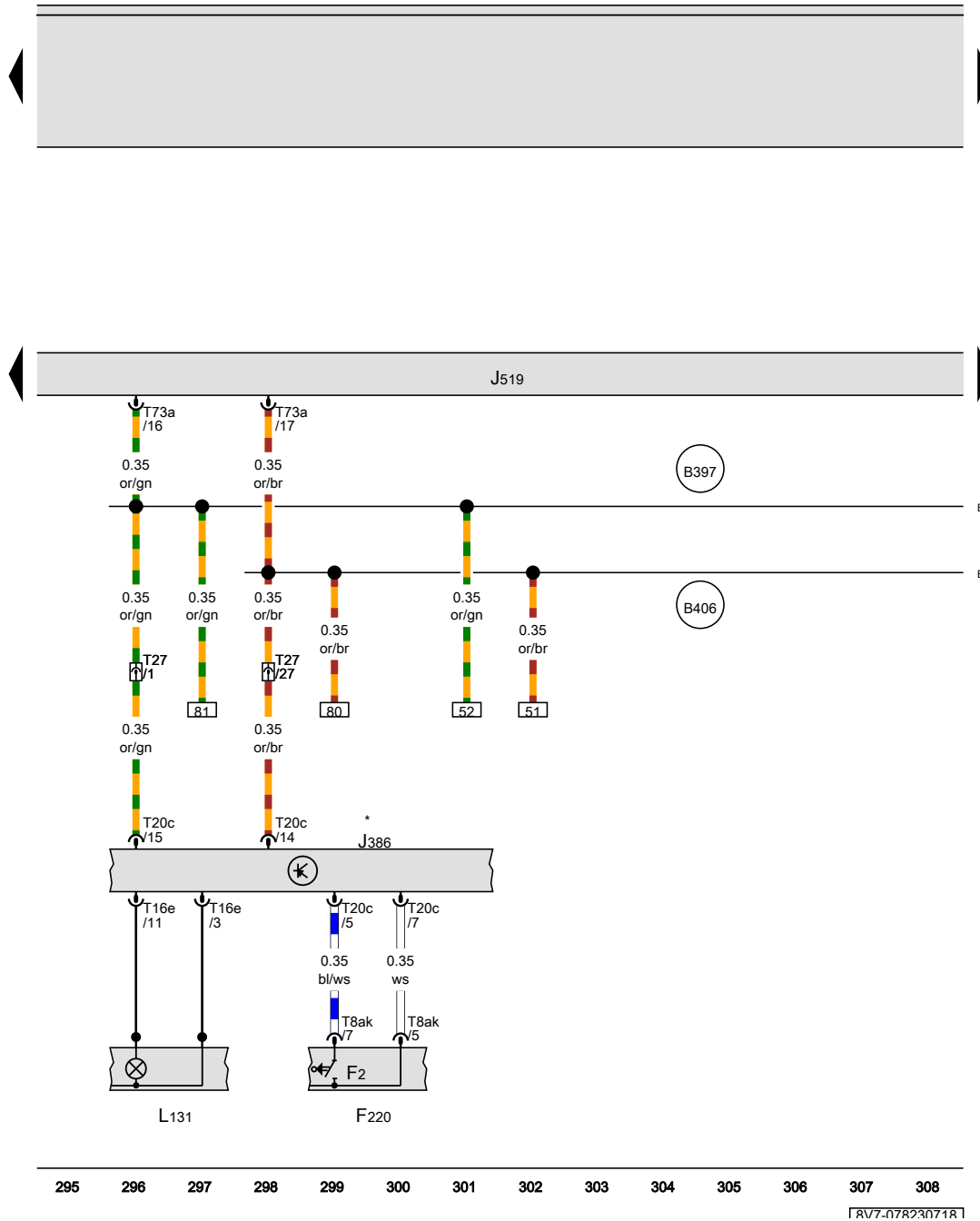
Driver side central locking lock unit, Driver door control unit, Onboard supply control unit, Driver side turn signal repeater bulb

- F2 Driver door contact switch
- F220 Driver side central locking lock unit
- J386 Driver door control unit
- J519 Onboard supply control unit
- L131 Driver side turn signal repeater bulb
- T8ak 8-pin connector
- T16e 16-pin connector
- T20c 20-pin connector
- T27 27-pin connector, on left A-pillar
- T73a 73-pin connector

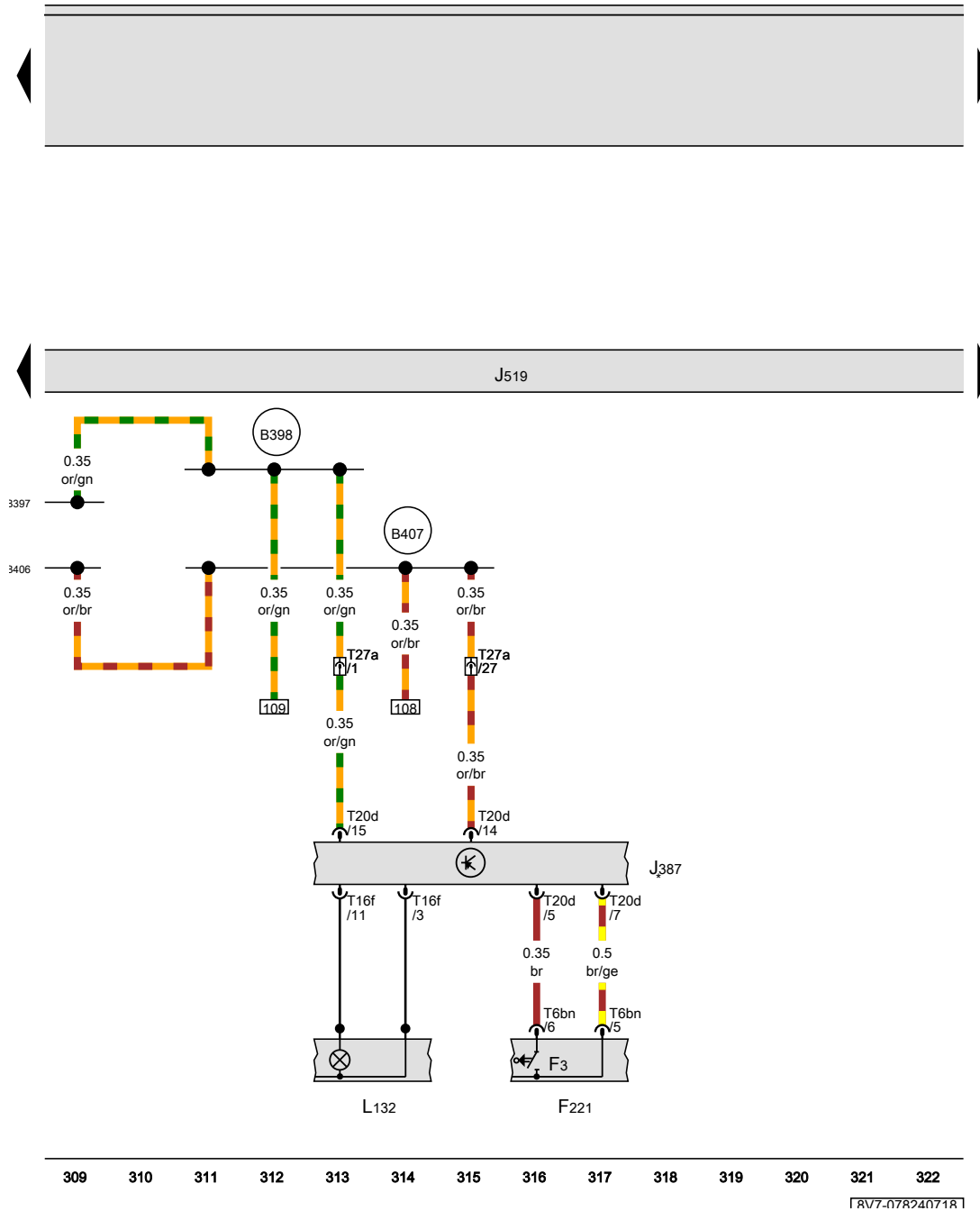
B397 Connection 1 (convenience CAN bus, high), in main wiring harness

B406 Connection 1 (convenience CAN bus, low), in main wiring harness

* see applicable current flow diagram for convenience system



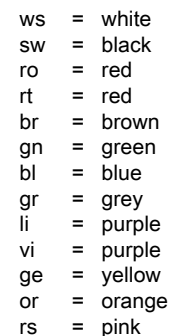
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Front passenger side central locking lock unit, Front passenger door control unit, Onboard supply control unit, Front passenger side turn signal repeater bulb

- F3 Front passenger door contact switch
- F221 Front passenger side central locking lock unit
- J387 Front passenger door control unit
- J519 Onboard supply control unit
- L132 Front passenger side turn signal repeater bulb
- T6bn 6-pin connector
- T16f 16-pin connector
- T20d 20-pin connector
- T27a 27-pin connector, in right A-pillar, on right A-pillar
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness
- * see applicable current flow diagram for convenience system

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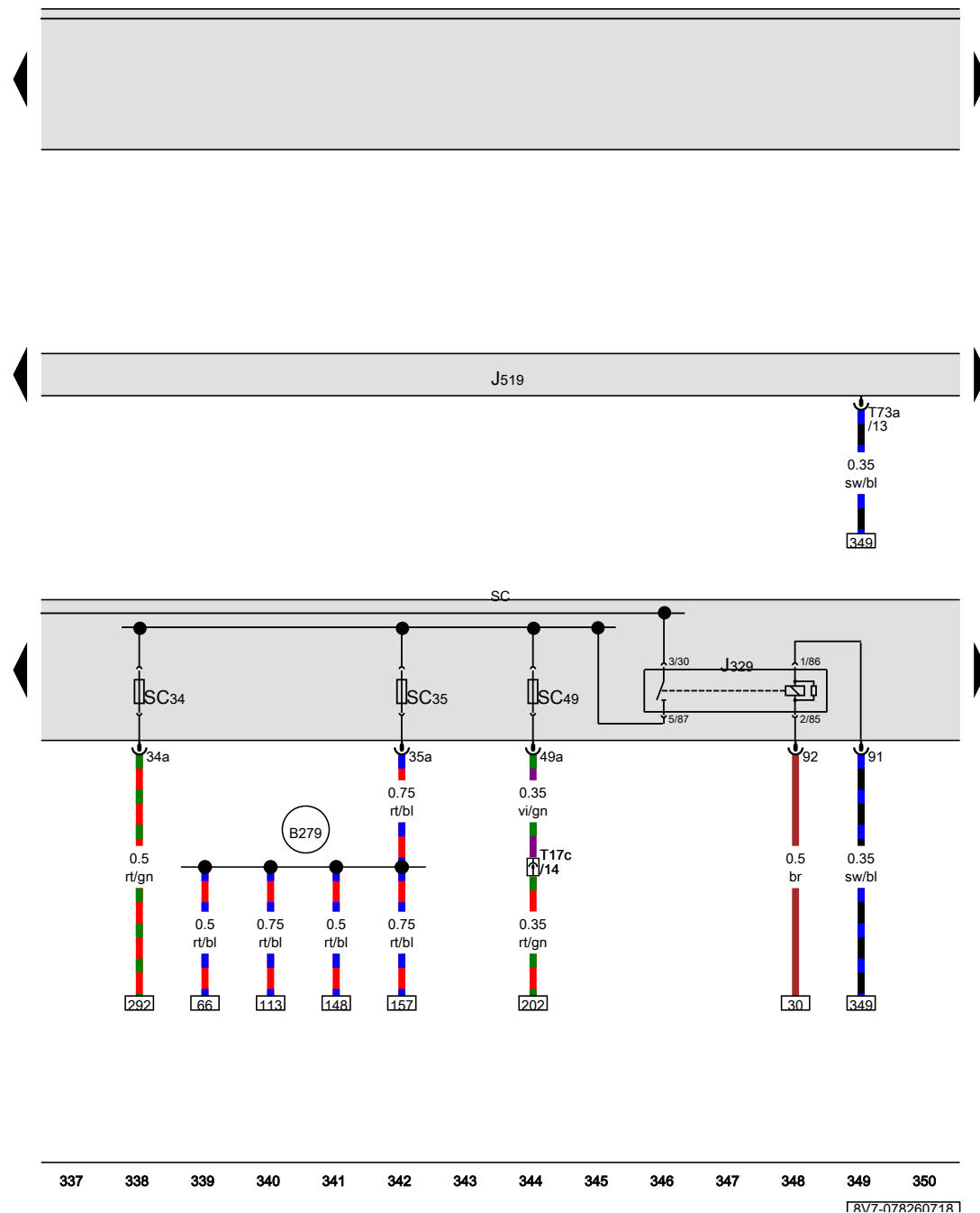


* see applicable current flow diagram for convertible roof

Terminal 15 voltage supply relay, Onboard supply control unit, Fuse holder C

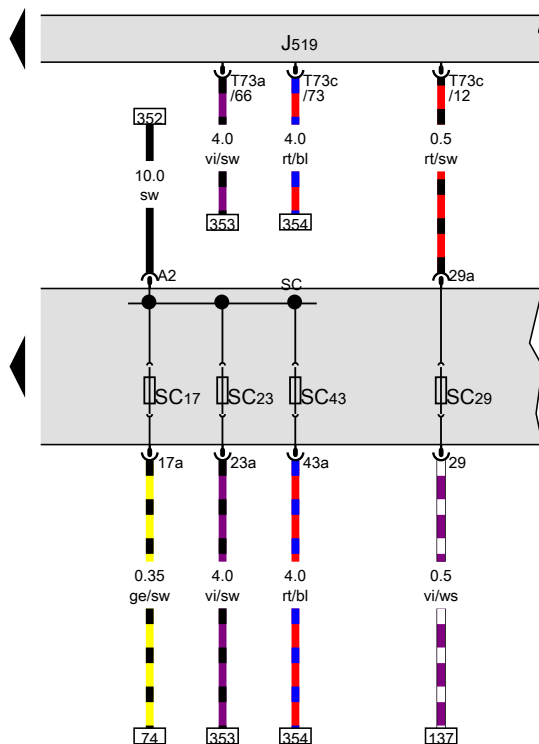
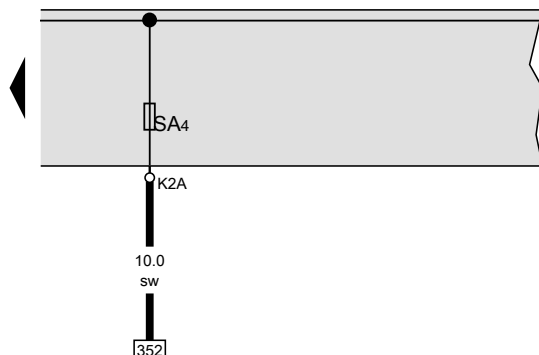
- J329 Terminal 15 voltage supply relay
- J519 Onboard supply control unit
- SC Fuse holder C
- SC34 Fuse 34 on fuse holder C
- SC35 Fuse 35 on fuse holder C
- SC49 Fuse 49 on fuse holder C
- T17c 17-pin connector
- T73a 73-pin connector

B279 Positive connection 3 (15a) in main wiring harness



Onboard supply control unit, Fuse holder C

- J519 Onboard supply control unit
- SA4 Fuse 4 on fuse holder A
- SC Fuse holder C
- SC17 Fuse 17 on fuse holder C
- SC23 Fuse 23 on fuse holder C
- SC29 Fuse 29 on fuse holder C
- SC43 Fuse 43 on fuse holder C
- T73a 73-pin connector
- T73c 73-pin connector



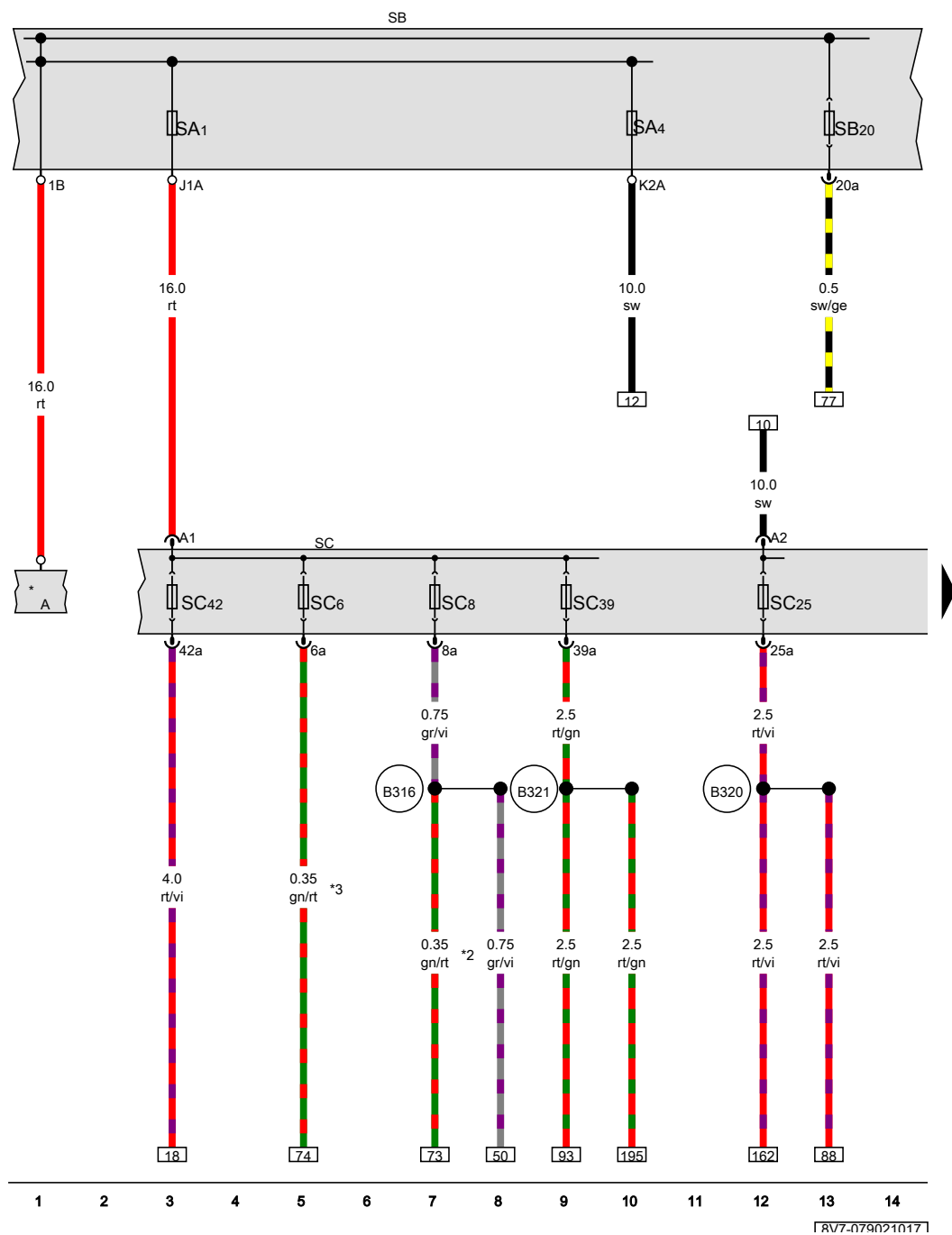
351 352 353 354 355 356 357 358 359 360 361 362 363 364

[RV7-07R27071R]

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Convenience system , (L0L)

From November 2013



Fuse holder C

- A Battery
- SA1 Fuse 1 on fuse holder A
- SA4 Fuse 4 on fuse holder A
- SB Fuse holder B
- SB20 Fuse 20 on fuse holder B
- SC Fuse holder C
- SC6 Fuse 6 on fuse holder C
- SC8 Fuse 8 on fuse holder C
- SC25 Fuse 25 on fuse holder C
- SC39 Fuse 39 on fuse holder C
- SC42 Fuse 42 on fuse holder C

B316 Positive connection 2 (30a) in main wiring harness

B320 Positive connection 6 (30a) in main wiring harness

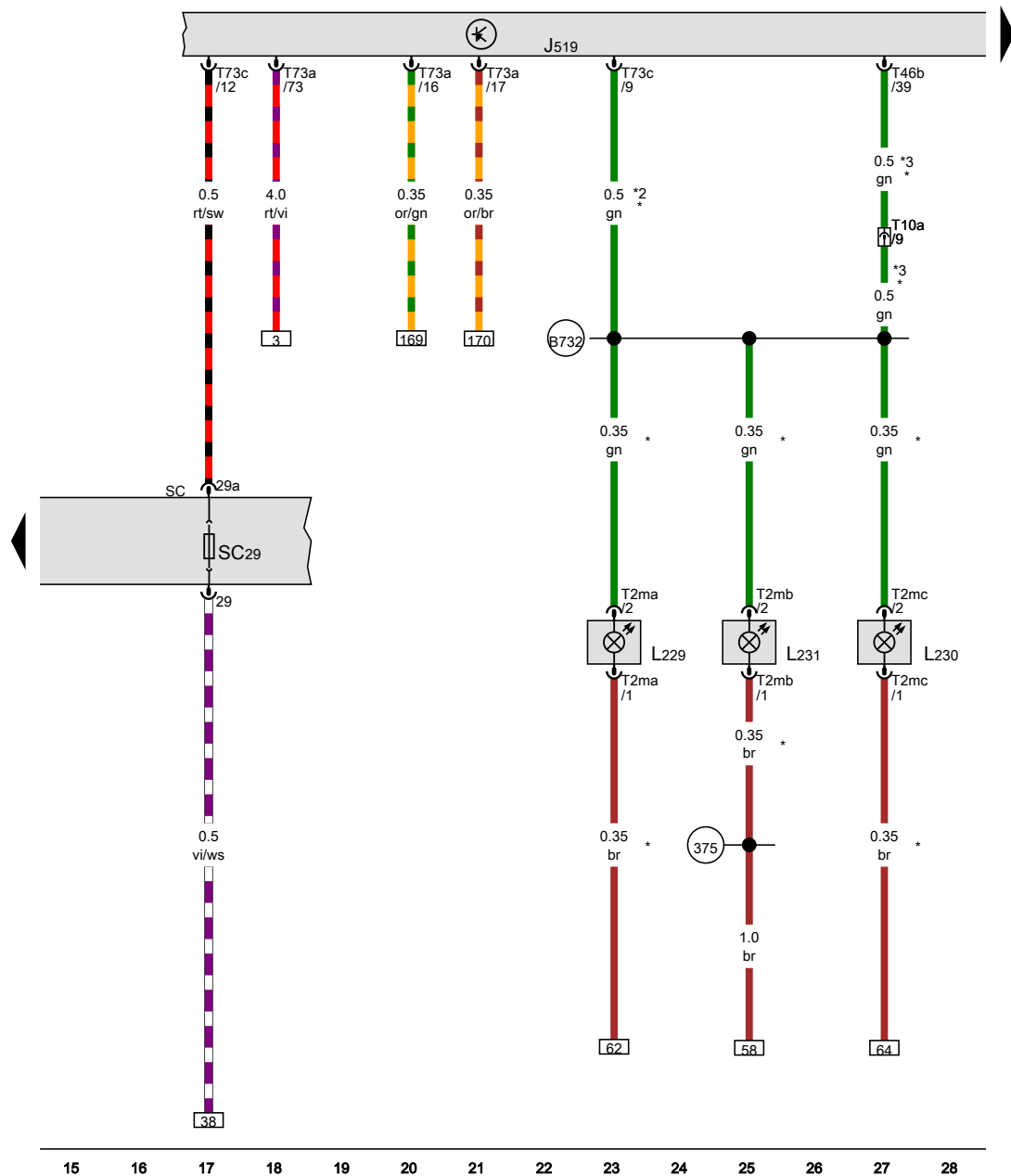
B321 Positive connection 7 (30a) in main wiring harness

* see applicable current flow diagram for battery in engine compartment

*2 From May 2015

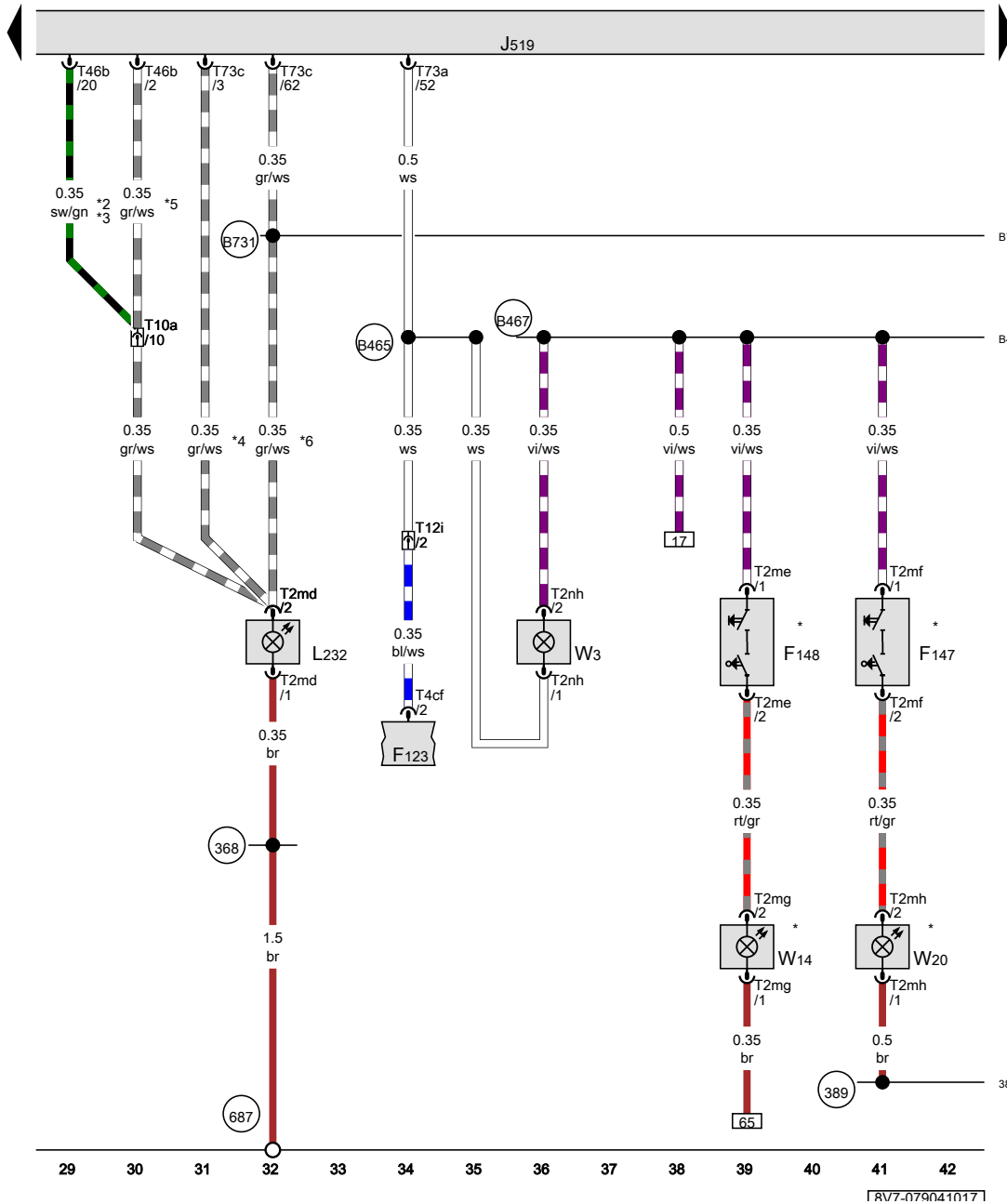
*3 Up to April 2015

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Fuse holder C

- J519 Onboard supply control unit
- L229 Light for left dashboard background lighting
- L230 Light for right dashboard background lighting
- L231 Light for centre dashboard background lighting
- SC Fuse holder C
- SC29 Fuse 29 on fuse holder C
- T2ma 2-pin connector
- T2mb 2-pin connector
- T2mc 2-pin connector
- T10a 10-pin connector, white
- T46b 46-pin connector
- T73a 73-pin connector
- T73c 73-pin connector
- 375 Earth connection 10, in main wiring harness
- B732 Connection 2 (58s), in main wiring harness
- * Up to April 2016
- *2 For models with no automatic headlight range control
- *3 For models with automatic headlight range control



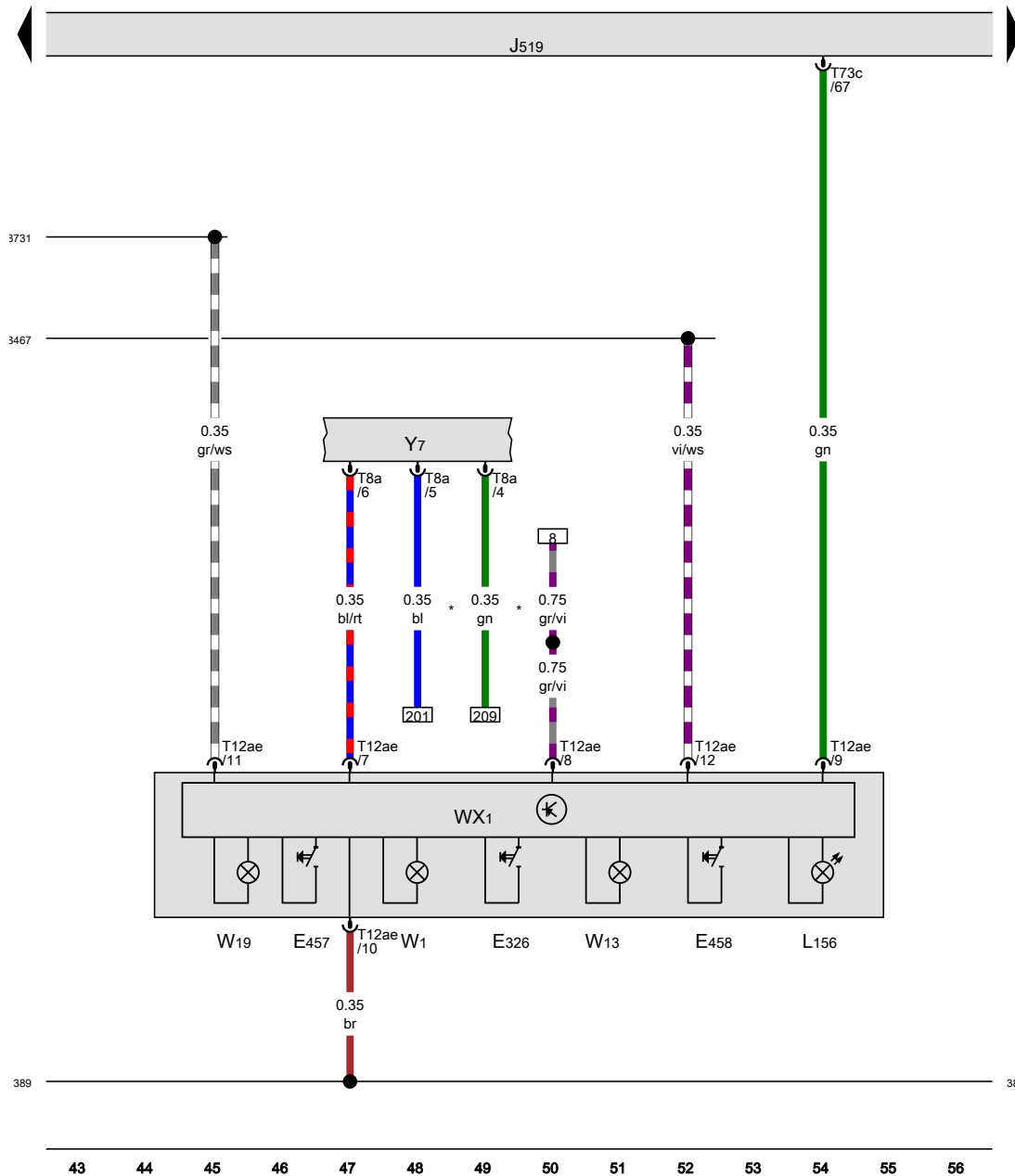
Front passenger vanity mirror contact switch, Light for cup holder background lighting, Luggage compartment light

- F123 Rear lid contact switch for anti-theft alarm
- F147 Driver vanity mirror contact switch
- F148 Front passenger vanity mirror contact switch
- J519 Onboard supply control unit
- L232 Light for cup holder background lighting
- T2md 2-pin connector
- T2me 2-pin connector
- T2mf 2-pin connector
- T2mg 2-pin connector
- T2mh 2-pin connector
- T2nh 2-pin connector
- T4cf 4-pin connector
- T10a 10-pin connector, white
- T12i 12-pin connector
- T46b 46-pin connector
- T73a 73-pin connector
- T73c 73-pin connector
- W3 Luggage compartment light
- W14 Front passenger side illuminated vanity mirror
- W20 Driver side illuminated vanity mirror

- 368 Earth connection 3, in main wiring harness
- 389 Earth connection 24, in main wiring harness
- 687 Earth point 1, on centre tunnel
- B465 Connection 1, in main wiring harness
- B467 Connection 3, in main wiring harness
- B731 Connection 1 (58s), in main wiring harness

- * For models with illuminated vanity mirror
- *2 For models with LED headlights
- *3 From May 2016
- *4 For models with halogen headlights
- *5 For models with xenon headlights
- *6 For models with additional lights

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Front interior light

- E326 Front interior light button
- E457 Driver side reading light button
- E458 Front passenger side reading light button
- J519 Onboard supply control unit
- L156 Switch illumination bulb
- T8a 8-pin connector
- T12ae 12-pin connector
- T73c 73-pin connector
- WX1 Front interior light
- W1 Front interior light
- W13 Front passenger reading light
- W19 Driver side reading light
- Y7 Automatic anti-dazzle interior mirror

389 Earth connection 24, in main wiring harness

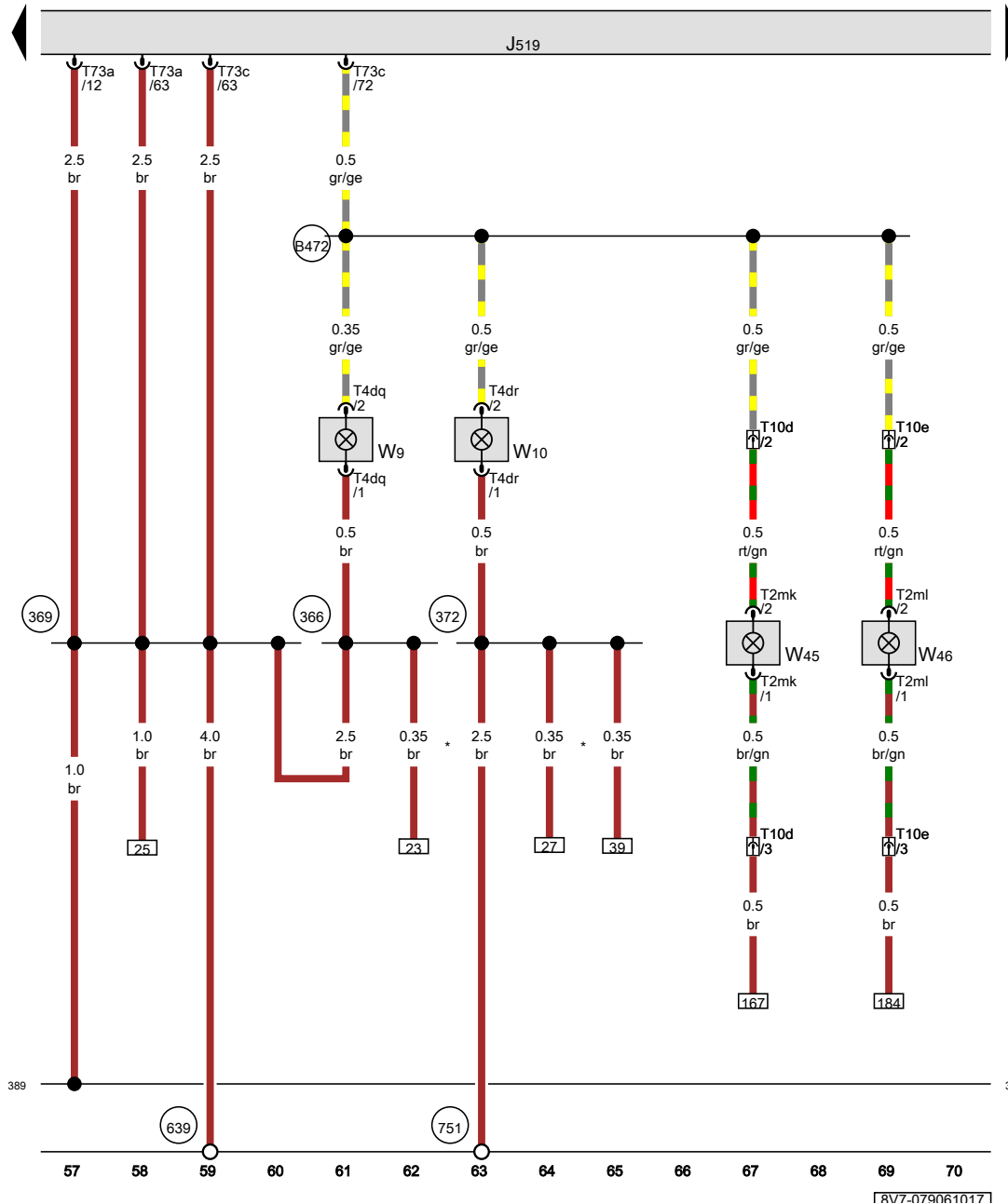
B467 Connection 3, in main wiring harness

B731 Connection 1 (58s), in main wiring harness

* For models with automatic anti-dazzle interior mirror

ws = white
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 ro = red
 rt = red
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[AV7-079051017]



Left footwell light, Right footwell light, Rear left footwell light, Rear right footwell light

- J519 Onboard supply control unit
- T2mk 2-pin connector
- T2ml 2-pin connector
- T4dq 4-pin connector
- T4dr 4-pin connector
- T10d 10-pin connector, in coupling point for front seat, left, red
- T10e 10-pin connector, in coupling point for front seat, right, red
- T73a 73-pin connector
- T73c 73-pin connector
- W9 Left footwell light
- W10 Right footwell light
- W45 Rear left footwell light
- W46 Rear right footwell light

366 Earth connection 1, in main wiring harness

369 Earth connection 4, in main wiring harness

372 Earth connection 7, in main wiring harness

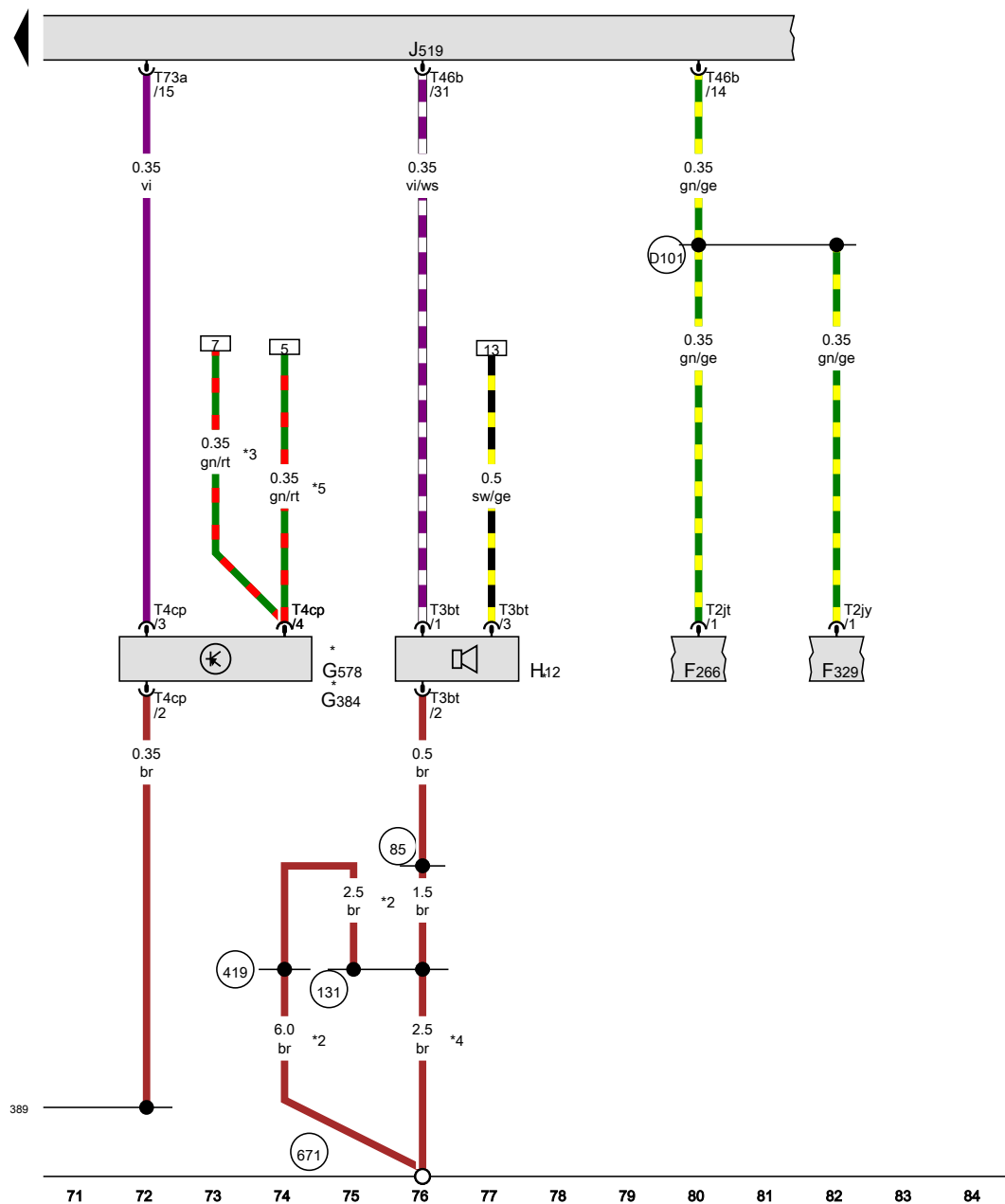
389 Earth connection 24, in main wiring harness

639 Earth point, left A-pillar

751 Earth point 2, on right A-pillar

B472 Connection 8, in main wiring harness

* Up to April 2016



Bonnet contact switch, Bonnet contact switch 2, Anti-theft alarm sensor, Alarm horn

- F266 Bonnet contact switch
- F329 Bonnet contact switch 2
- G384 Vehicle inclination sender
- G578 Anti-theft alarm sensor
- H12 Alarm horn
- J519 Onboard supply control unit
- T2jt 2-pin connector
- T2jy 2-pin connector
- T3bt 3-pin connector
- T4cp 4-pin connector
- T46b 46-pin connector
- T73a 73-pin connector

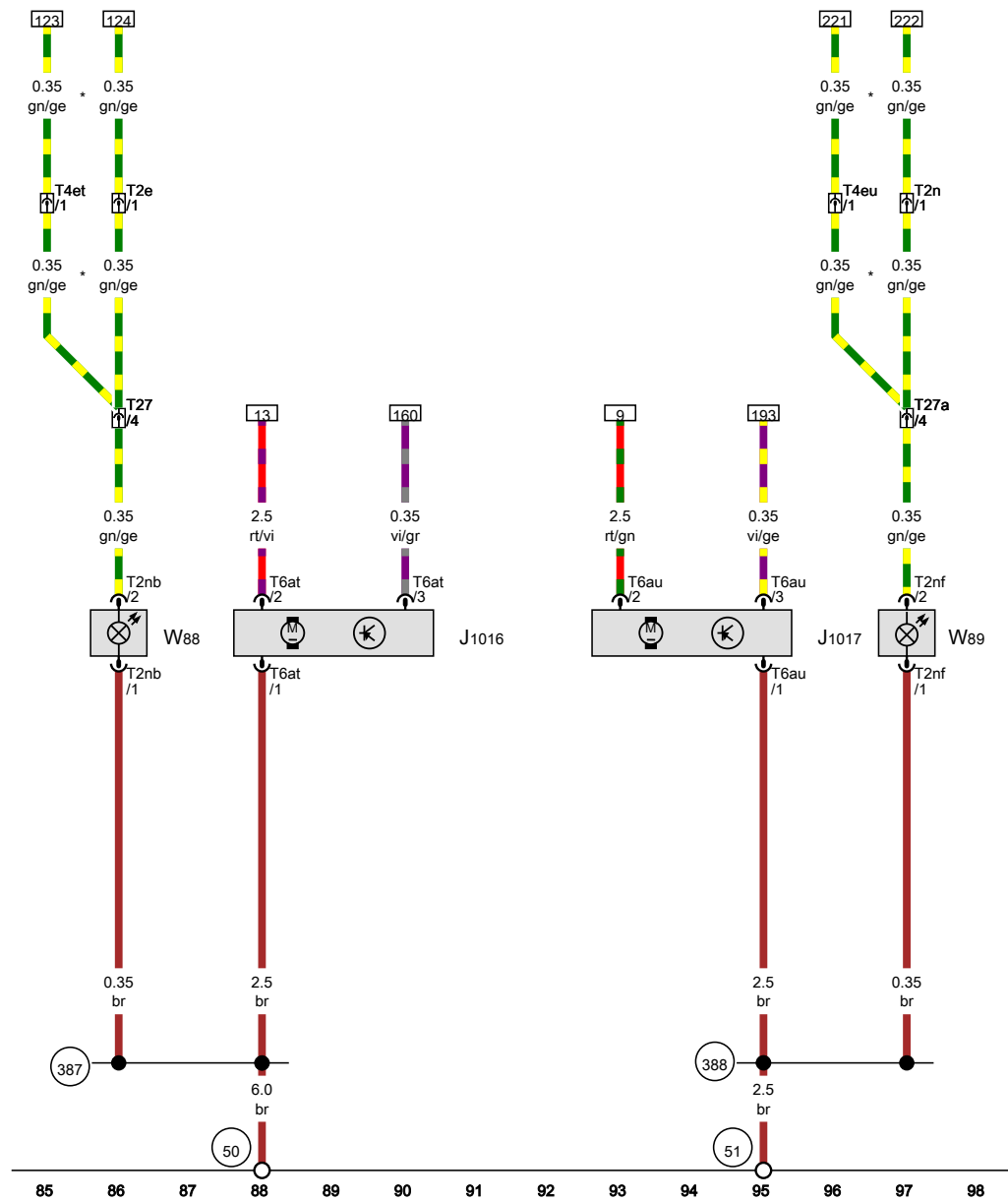
- 85 Earth connection 1, in engine compartment wiring harness
- 131 Earth connection 2, in engine compartment wiring harness
- 389 Earth connection 24, in main wiring harness
- 419 Earth connection 11, in engine compartment wiring harness
- 671 Earth point 1, on front of left longitudinal member
- D101 Connection 1 in engine compartment wiring harness

- * For models with anti-theft alarm system
- *2 gradual introduction
- *3 From May 2015
- *4 Gradually discontinued
- *5 Up to April 2015

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[AV7-079071017]

Control unit with rear driver side window regulator motor,
Control unit with rear passenger side window regulator
motor, Light for rear door background lighting, driver side,
Light for rear door background lighting, passenger side



- J1016 Control unit with rear driver side window regulator motor
- J1017 Control unit with rear passenger side window regulator motor
- T2e 2-pin connector
- T2n 2-pin connector
- T2nb 2-pin connector
- T2nf 2-pin connector
- T4et 4-pin connector
- T4eu 4-pin connector
- T6at 6-pin connector
- T6au 6-pin connector
- T27 27-pin connector
- T27a 27-pin connector
- W88 Light for rear door background lighting, driver side
- W89 Light for rear door background lighting, passenger side

50 Earth point, on left in luggage compartment

51 Earth point, on right in luggage compartment

387 Earth connection 22, in main wiring harness

388 Earth connection 23, in main wiring harness

* For models with background lighting in sill panel mouldings

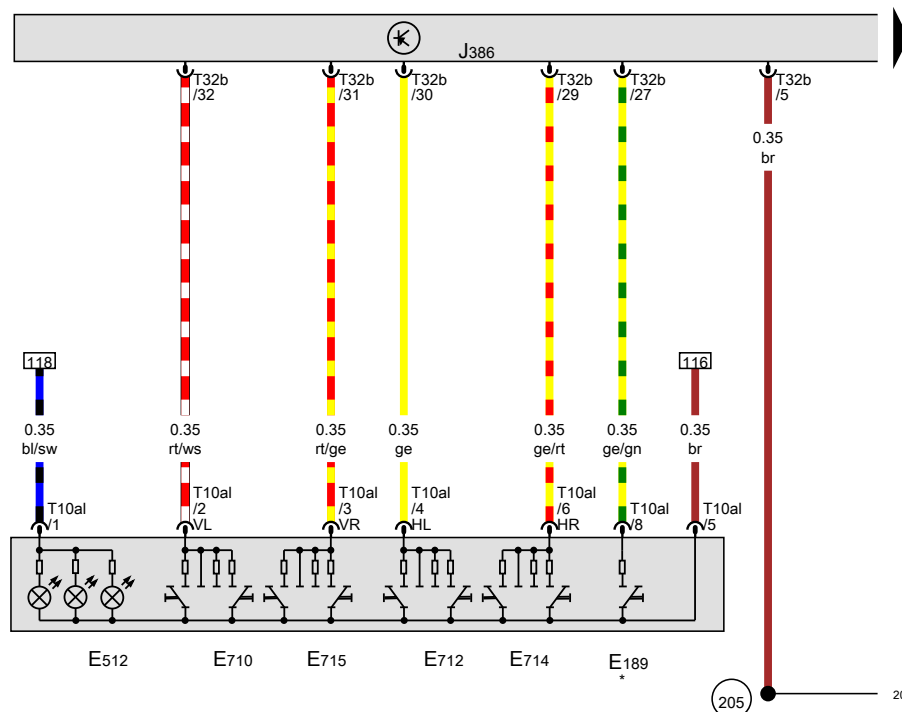
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Central switch for window regulators in driver door,
Operating unit for window regulator in driver door, Front
driver side window regulator button, Rear driver side window
regulator button, in driver door, Rear passenger side
window regulator button, in driver door, Front passenger
side window regulator button, in driver door, Driver door
control unit

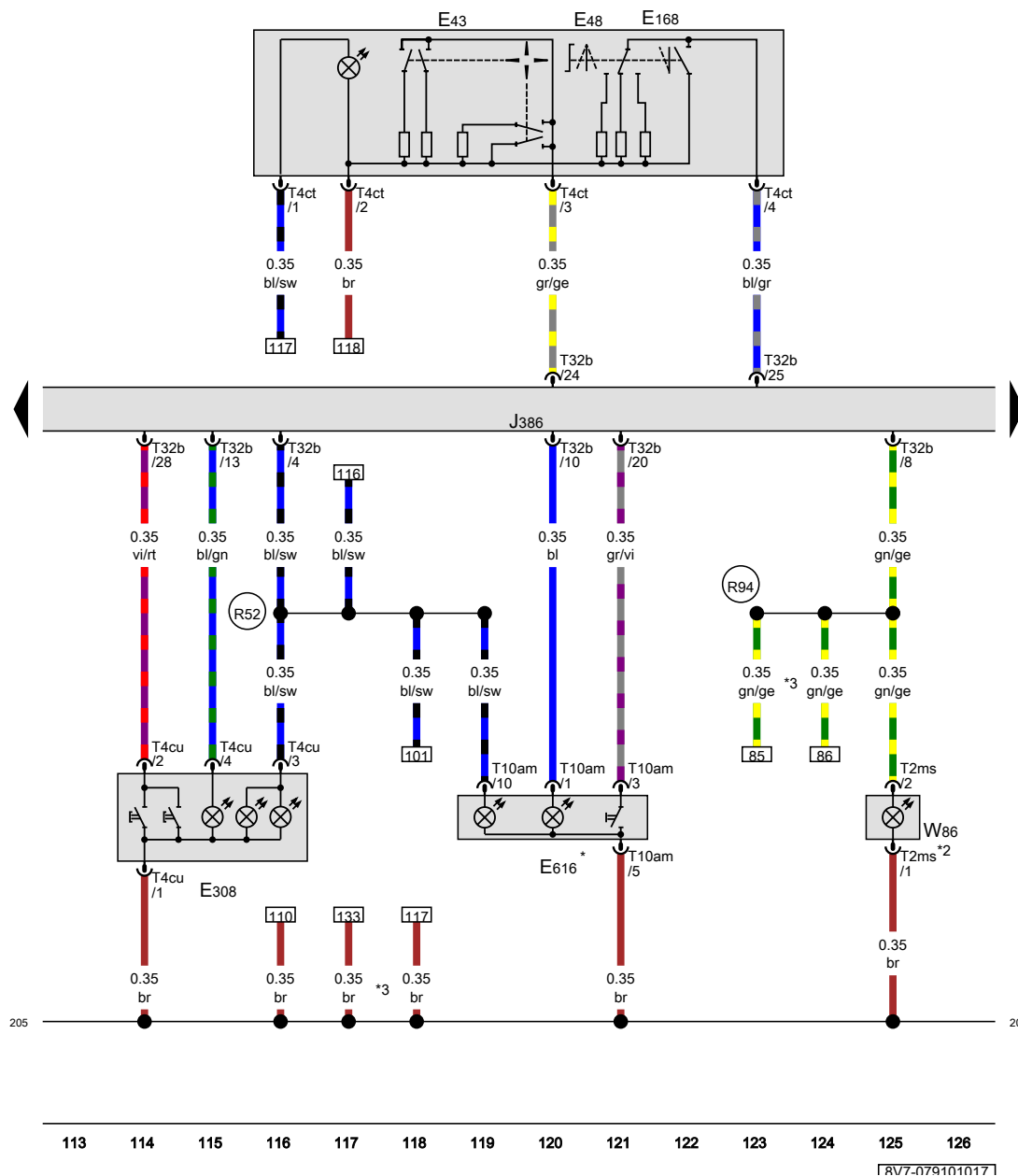
- E189 Central switch for window regulators in driver door
- E512 Operating unit for window regulator in driver door
- E710 Front driver side window regulator button
- E712 Rear driver side window regulator button, in driver door
- E714 Rear passenger side window regulator button, in driver door
- E715 Front passenger side window regulator button, in driver door
- J386 Driver door control unit
- T10al 10-pin connector
- T32b 32-pin connector

205 Earth connection, in driver door wiring harness

* If fitted



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Mirror adjustment switch, Mirror adjustment changeover switch, Adjustment switch for mirror with fold-in feature, Driver side interior locking button for central locking system, Button for deactivating interior monitoring and vehicle inclination sensor, Driver door control unit, Light for driver door background lighting

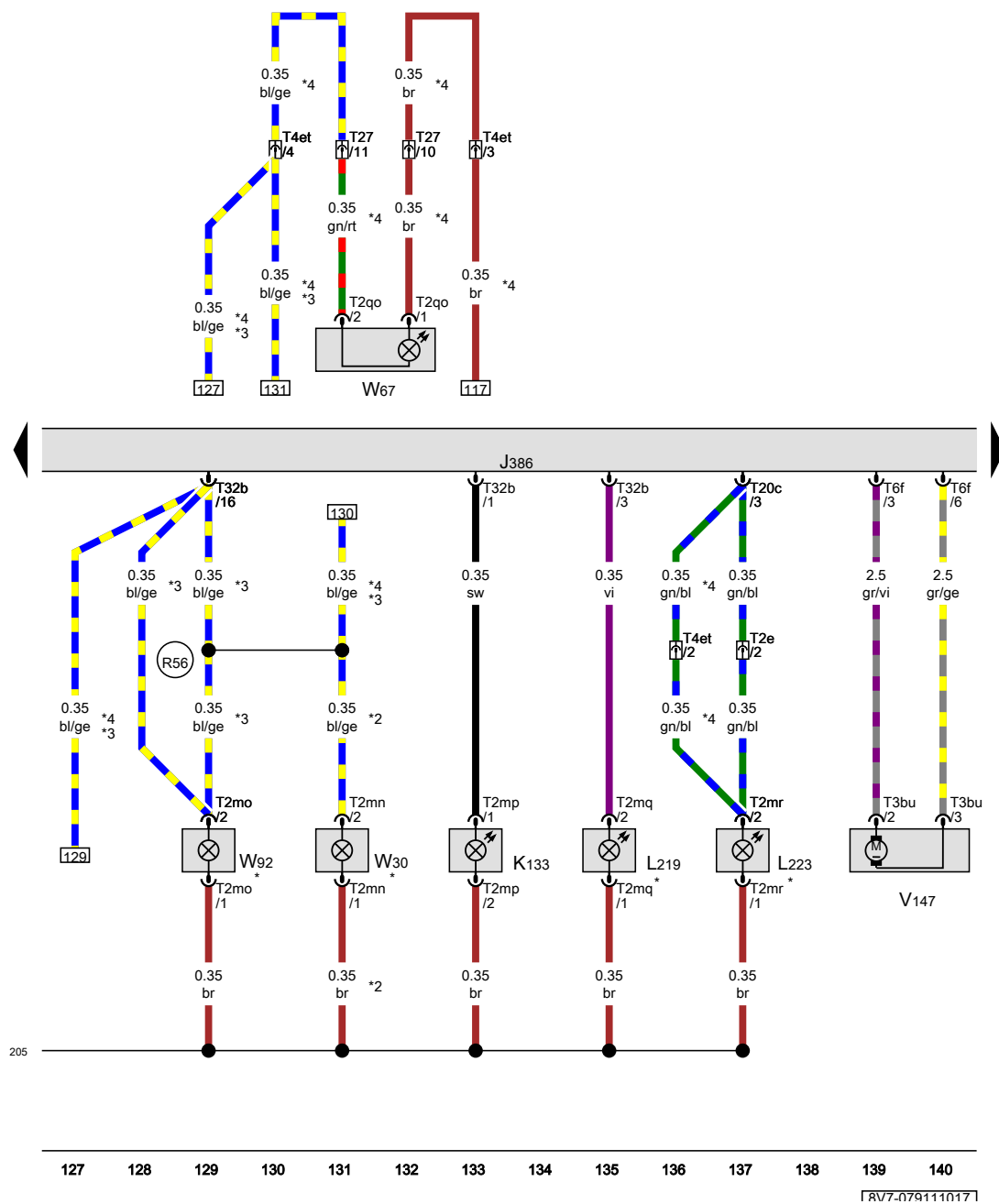
- E43 Mirror adjustment switch
- E48 Mirror adjustment changeover switch
- E168 Adjustment switch for mirror with fold-in feature
- E308 Driver side interior locking button for central locking system
- E616 Button for deactivating interior monitoring and vehicle inclination sensor
- J386 Driver door control unit
- T2ms 2-pin connector
- T4ct 4-pin connector
- T4cu 4-pin connector
- T10am 10-pin connector
- T32b 32-pin connector
- W86 Light for driver door background lighting

205 Earth connection, in driver door wiring harness

R52 Connection (58s), in driver side door wiring harness

R94 Connection 1 in driver side door wiring harness

- * For models with interior monitoring
- *2 For models with additional lights
- *3 For models with background lighting in sill panel mouldings



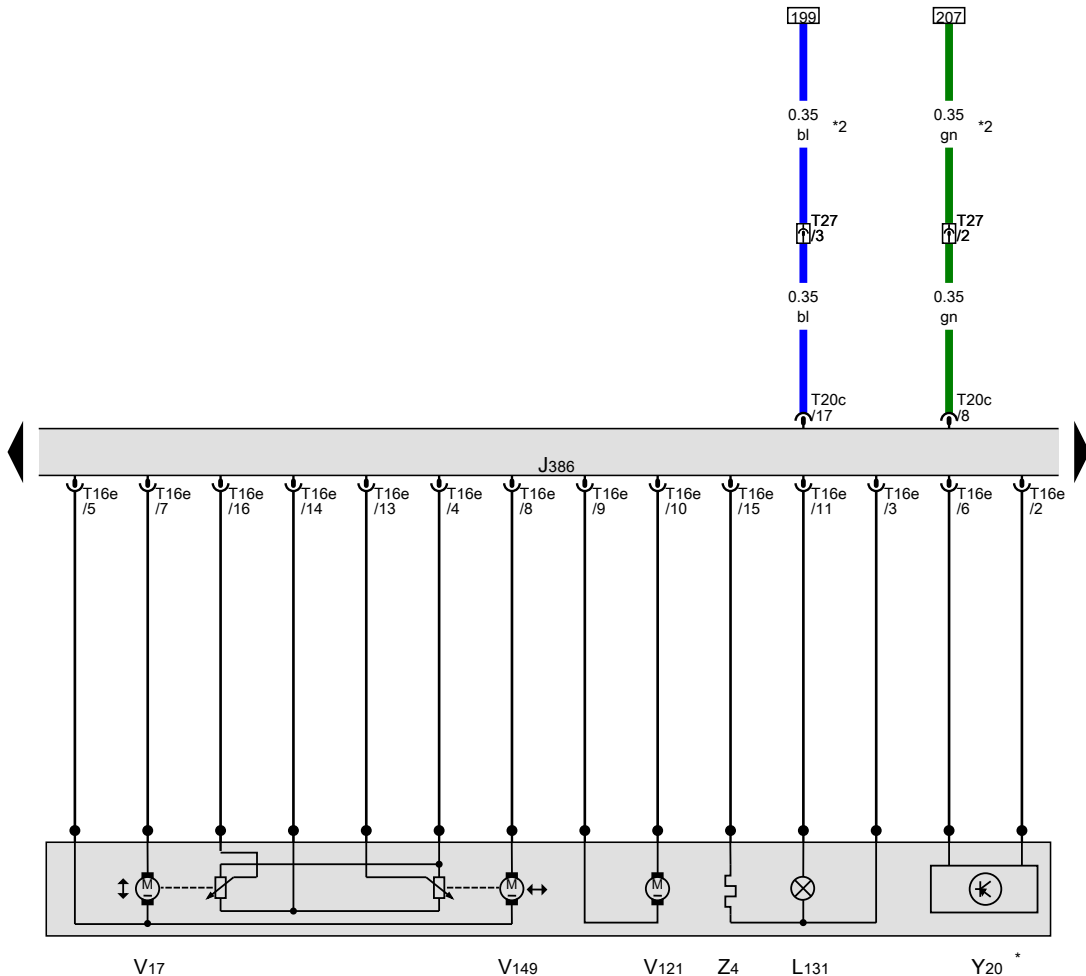
Driver door control unit, Central locking SAFELOCK function warning lamp, Light for driver side interior door handle illumination, Light for driver side door loudspeaker trim, Driver side window regulator motor, Driver side door warning lamp, Light conductor for front left sill panel moulding background lighting, Driver side entry light

- J386 Driver door control unit
- K133 Central locking SAFELOCK function warning lamp
- L219 Light for driver side interior door handle illumination
- L223 Light for driver side door loudspeaker trim
- T2e 2-pin connector
- T2mn 2-pin connector
- T2mo 2-pin connector
- T2mp 2-pin connector
- T2mq 2-pin connector
- T2mr 2-pin connector
- T2qo 2-pin connector
- T3bu 3-pin connector
- T4et 4-pin connector
- T6f 6-pin connector
- T20c 20-pin connector
- T27 27-pin connector
- T32b 32-pin connector
- V147 Driver side window regulator motor
- W30 Driver side door warning lamp
- W67 Light conductor for front left sill panel moulding background lighting
- W92 Driver side entry light
- 205 Earth connection, in driver door wiring harness
- R56 Connection (entry light), in driver door wiring harness
- * For models with additional lights
- *2 Up to April 2017
- *3 According to equipment
- *4 For models with background lighting in sill panel mouldings

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Driver door control unit, Driver side turn signal repeater bulb, Driver side mirror adjustment motor 2, Driver side fold-in mirror motor, Driver side mirror adjustment motor, Automatic anti-dazzle exterior mirror, driver side, Heated exterior mirror on driver side

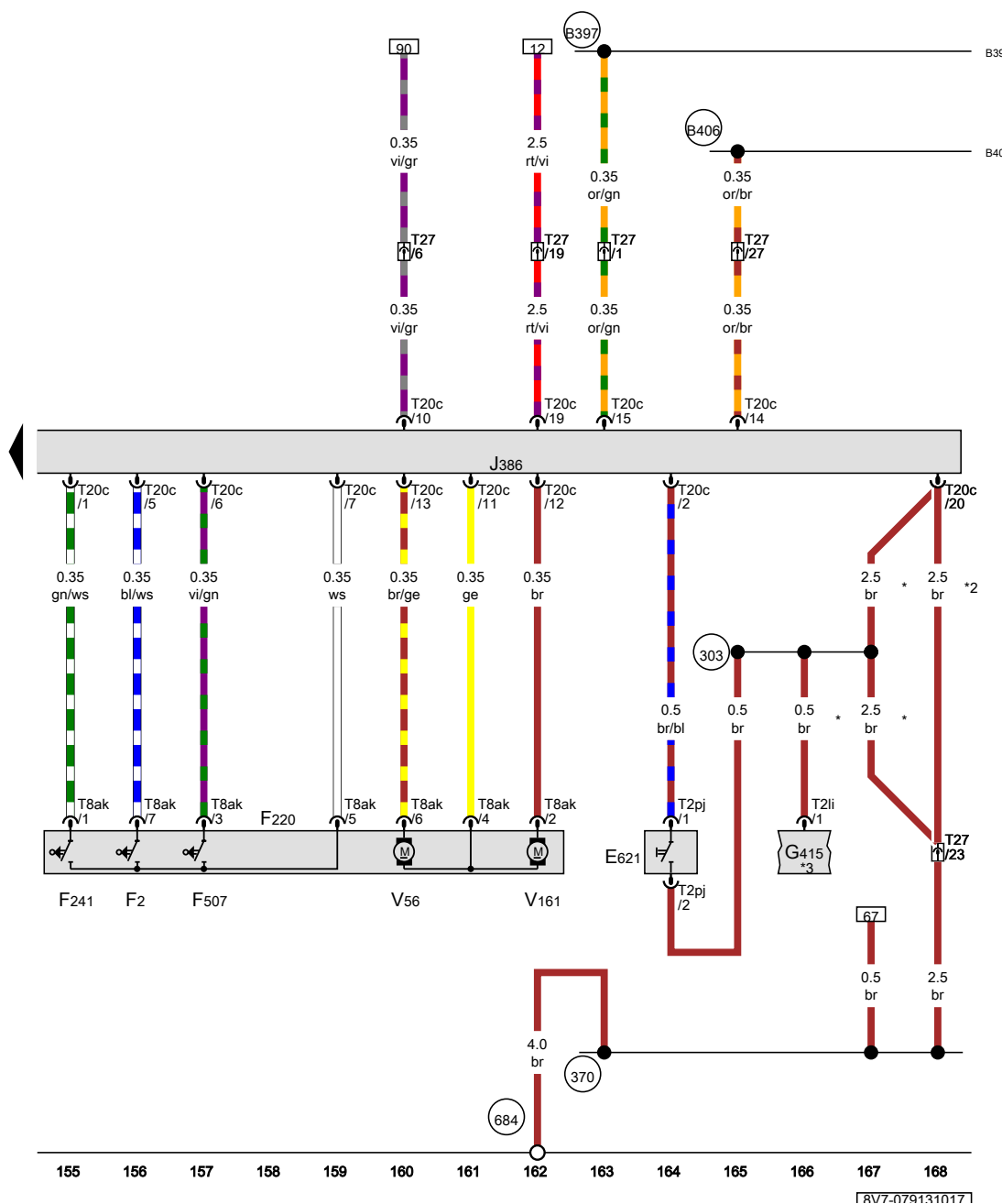
- J386 Driver door control unit
- L131 Driver side turn signal repeater bulb
- T16e 16-pin connector
- T20c 20-pin connector
- T27 27-pin connector
- V17 Driver side mirror adjustment motor 2
- V121 Driver side fold-in mirror motor
- V149 Driver side mirror adjustment motor
- Y20 Automatic anti-dazzle exterior mirror, driver side
- Z4 Heated exterior mirror on driver side
- * For models with automatic anti-dazzle exterior mirror
- *2 For models with automatic anti-dazzle interior mirror



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141 142 143 144 145 146 147 148 149 150 151 152 153 154

[8V7-079121017]

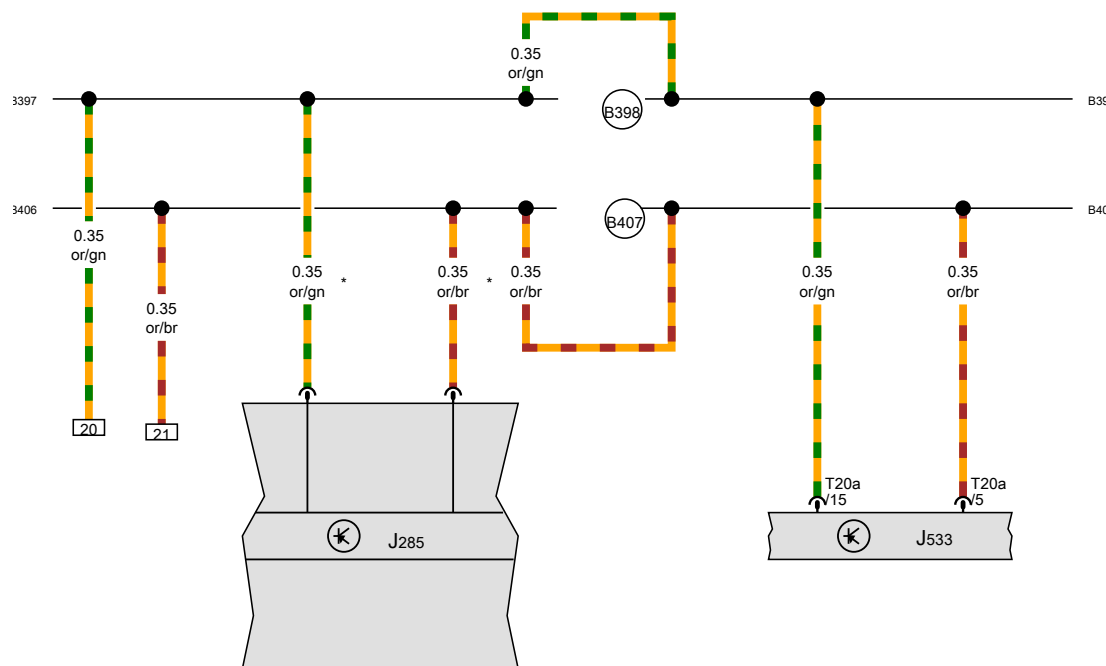


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 or = orange
 rs = pink

Microswitch for lowering driver window, Driver door contact switch, Driver side central locking lock unit, Driver side contact switch in lock cylinder, Driver side central locking actuator, Driver door control unit, Driver door central locking motor, Driver door central locking SAFELOCK function motor

- E621 Microswitch for lowering driver window
- F2 Driver door contact switch
- F220 Driver side central locking lock unit
- F241 Driver side contact switch in lock cylinder
- F507 Driver side central locking actuator
- G415 Driver exterior door handle contact sensor
- J386 Driver door control unit
- T2li 2-pin connector
- T2pj 2-pin connector
- T8ak 8-pin connector
- T20c 20-pin connector
- T27 27-pin connector
- V56 Driver door central locking motor
- V161 Driver door central locking SAFELOCK function motor

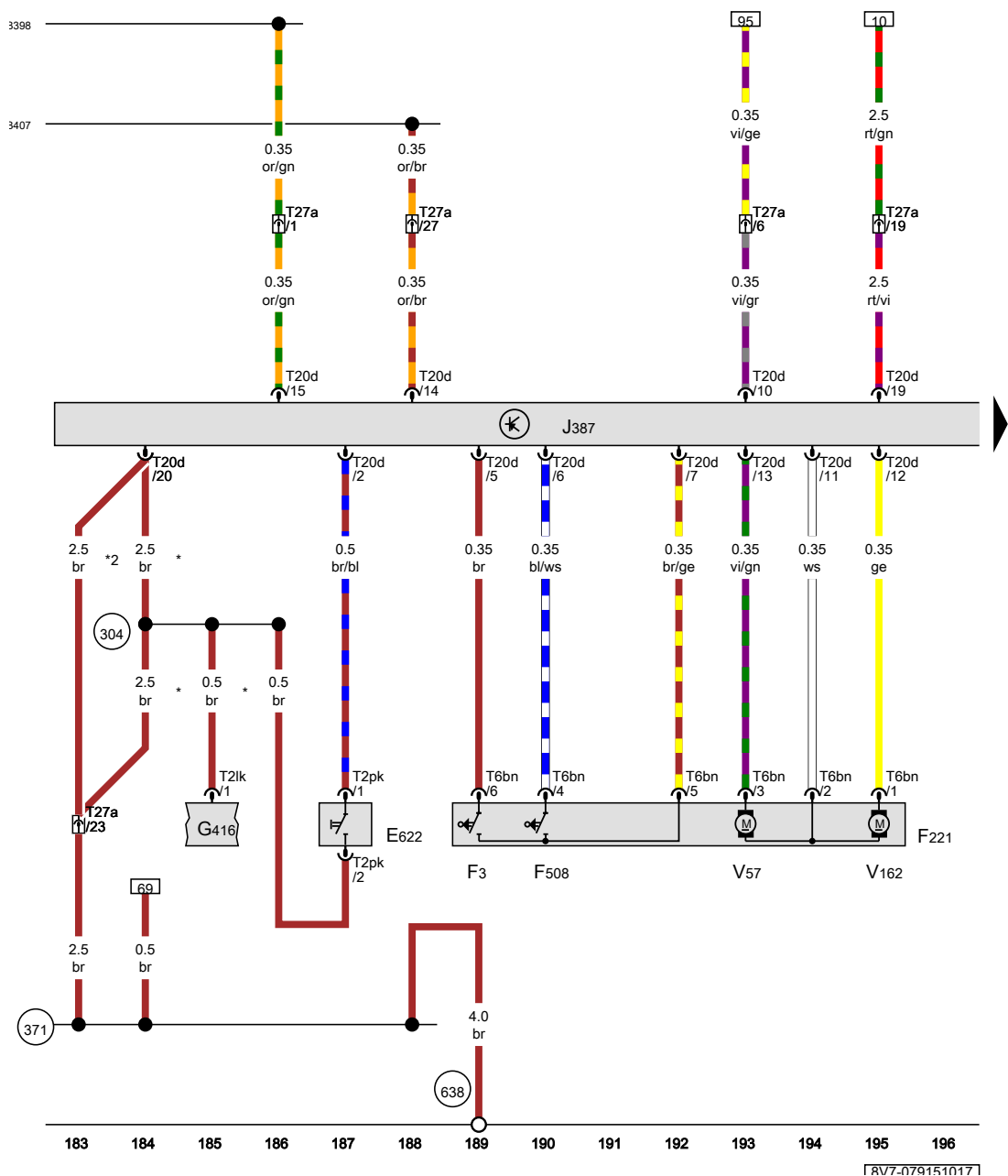
- 303 Earth connection 3, in drive side door wiring harness
- 370 Earth connection 5, in main wiring harness
- 684 Earth point on front of left side member
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- * For models with entry and start authorisation
- *2 For models with no entry and start authorisation
- *3 see applicable current flow diagram



Control unit in dash panel insert, Data bus diagnostic interface

- J285 Control unit in dash panel insert
- J533 Data bus diagnostic interface
- T20a 20-pin connector
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness
- * see applicable current flow diagram for dash panel insert

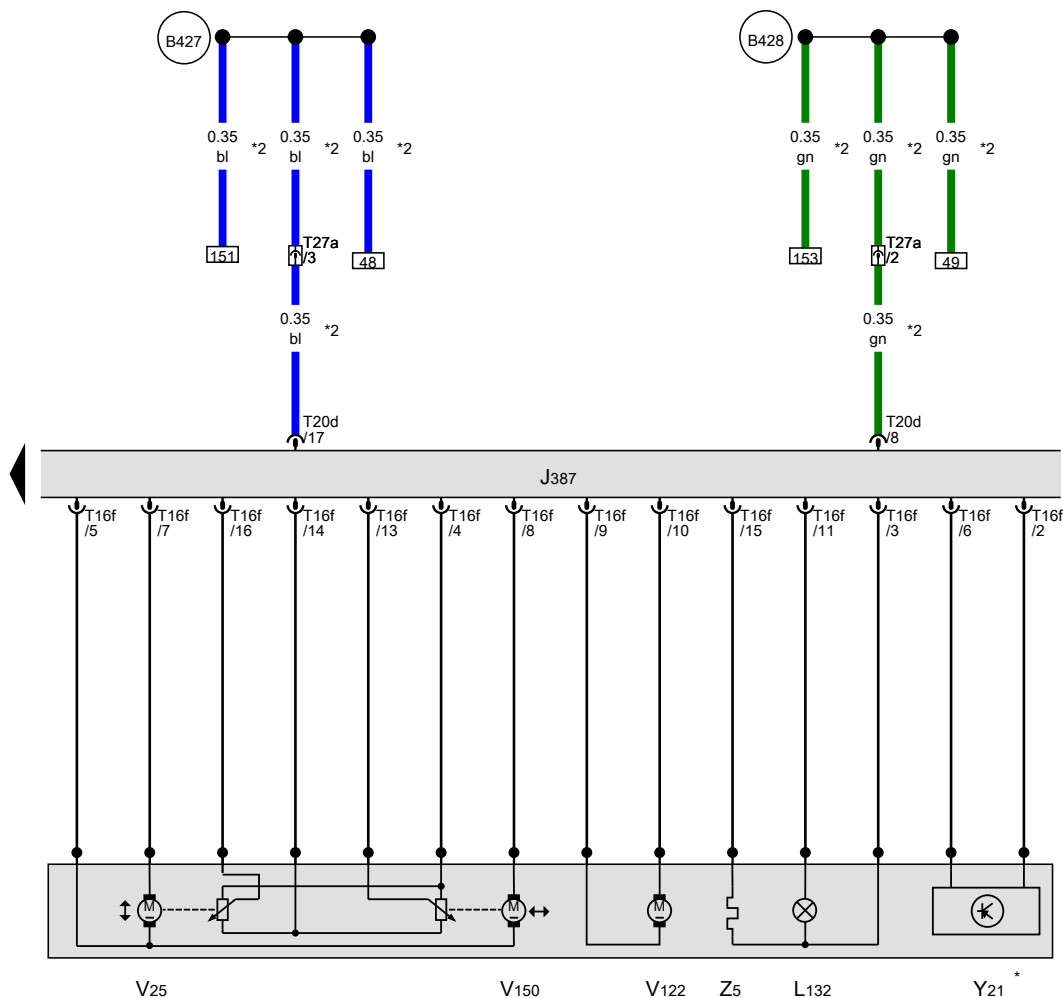
ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



Microswitch for lowering front passenger window, Front passenger door contact switch, Front passenger side central locking lock unit, Passenger side central locking actuator, Front passenger exterior door handle contact sensor, Front passenger door control unit, Front passenger door central locking motor, Front passenger door central locking SAFELOCK function motor

- E622 Microswitch for lowering front passenger window
- F3 Front passenger door contact switch
- F221 Front passenger side central locking lock unit
- F508 Passenger side central locking actuator
- G416 Front passenger exterior door handle contact sensor
- J387 Front passenger door control unit
- T2lk 2-pin connector
- T2pk 2-pin connector
- T6bn 6-pin connector
- T20d 20-pin connector
- T27a 27-pin connector
- V57 Front passenger door central locking motor
- V162 Front passenger door central locking SAFELOCK function motor

- 304 Earth connection 3, in front passenger side door wiring harness
- 371 Earth connection 6, in main wiring harness
- 638 Earth point, on right A-pillar
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness
- * For models with entry and start authorisation
- *2 For models with no entry and start authorisation



Front passenger door control unit, Front passenger side turn signal repeater bulb, Front passenger side mirror adjustment motor 2, Front passenger side fold-in mirror motor, Front passenger side mirror adjustment motor, Automatic anti-dazzle exterior mirror, passenger side, Heated exterior mirror on passenger side

- J387 Front passenger door control unit
- L132 Front passenger side turn signal repeater bulb
- T16f 16-pin connector
- T20d 20-pin connector
- T27a 27-pin connector
- V25 Front passenger side mirror adjustment motor 2
- V122 Front passenger side fold-in mirror motor
- V150 Front passenger side mirror adjustment motor
- Y21 Automatic anti-dazzle exterior mirror, passenger side
- Z5 Heated exterior mirror on passenger side

B427 Connection 1 (mirror signal), in main wiring harness

B428 Connection 2 (mirror signal), in main wiring harness

- * For models with automatic anti-dazzle exterior mirror
- *2 For models with automatic anti-dazzle interior mirror

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Front passenger side interior locking button for central locking system, Front passenger side window regulator button, Front passenger door control unit, Light for passenger door background lighting

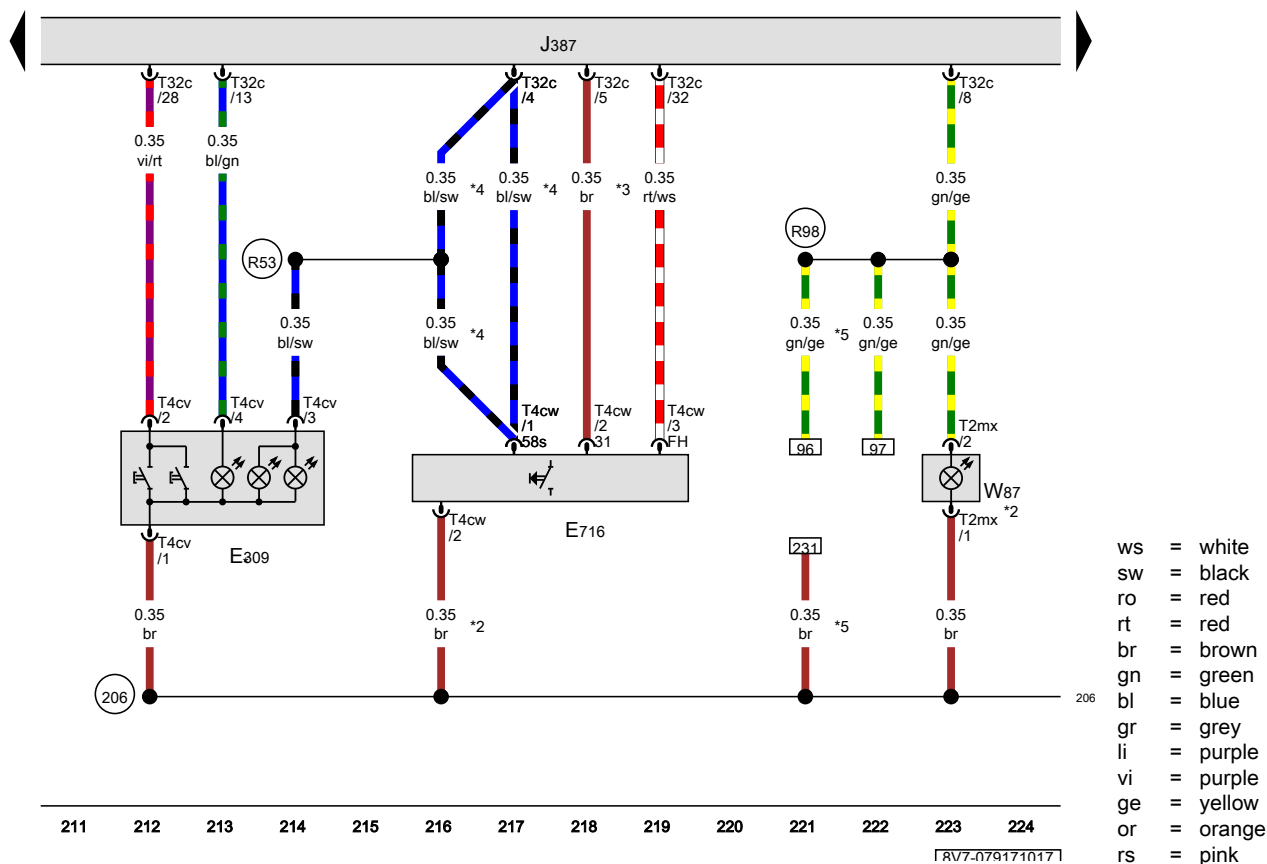
- E309 Front passenger side interior locking button for central locking system
- E716 Front passenger side window regulator button
- J387 Front passenger door control unit
- T2mx 2-pin connector
- T4cv 4-pin connector
- T4cw 4-pin connector
- T32c 32-pin connector
- W87 Light for passenger door background lighting

206 Earth connection, in front passenger door wiring harness

R53 Connection (58s), in driver side door wiring harness

R98 Connection 1 in front passenger side door wiring harness

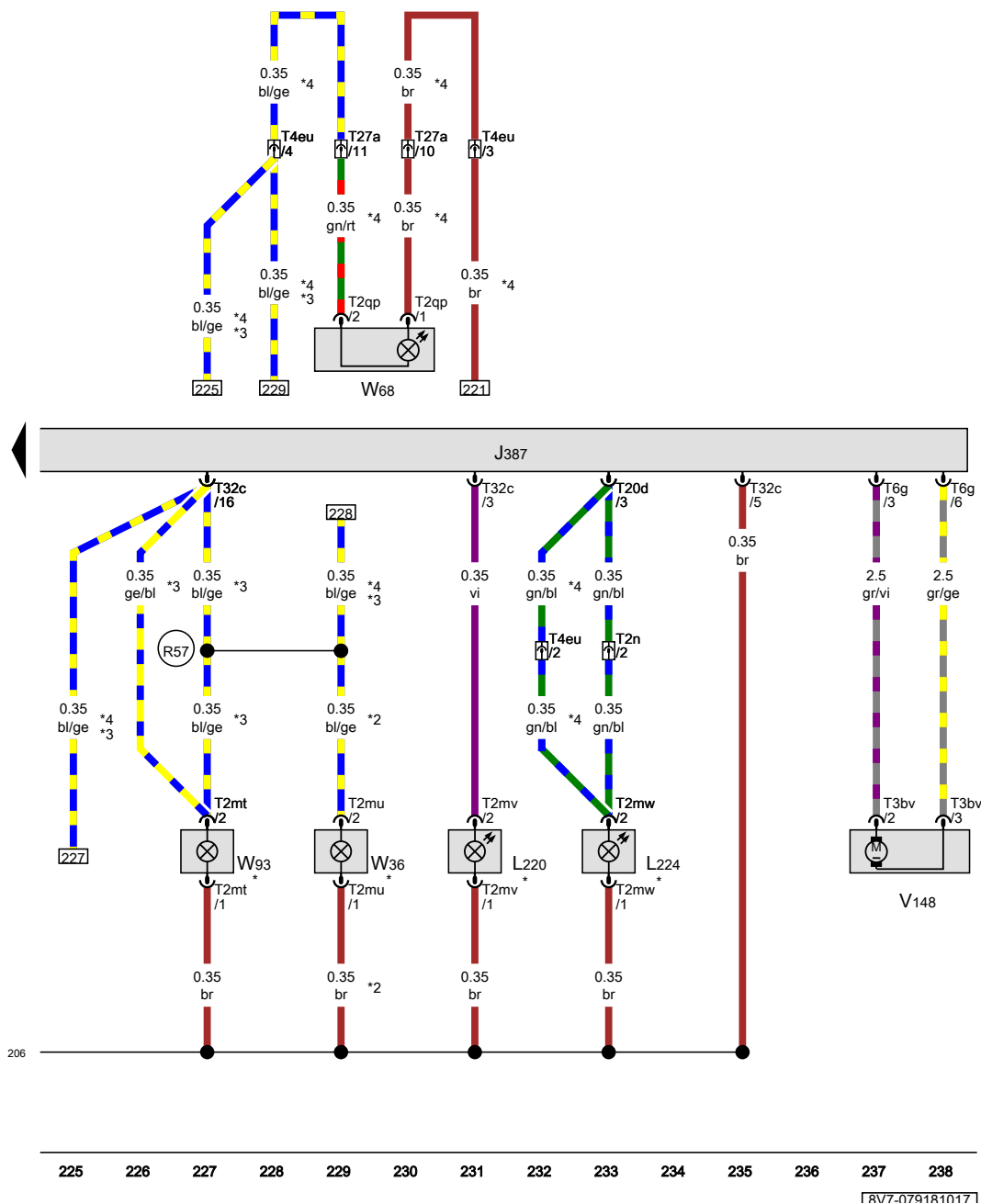
- * For models with front passenger side interior locking button
- *2 For models with additional lights
- *3 For models with no additional lights
- *4 According to equipment
- *5 For models with background lighting in sill panel mouldings



Front passenger door control unit, Light for passenger side interior door handle illumination, Light for passenger side door loudspeaker trim, Front passenger side window regulator motor, Front passenger side door warning lamp, Light conductor for front right sill panel moulding background lighting, Passenger side entry light

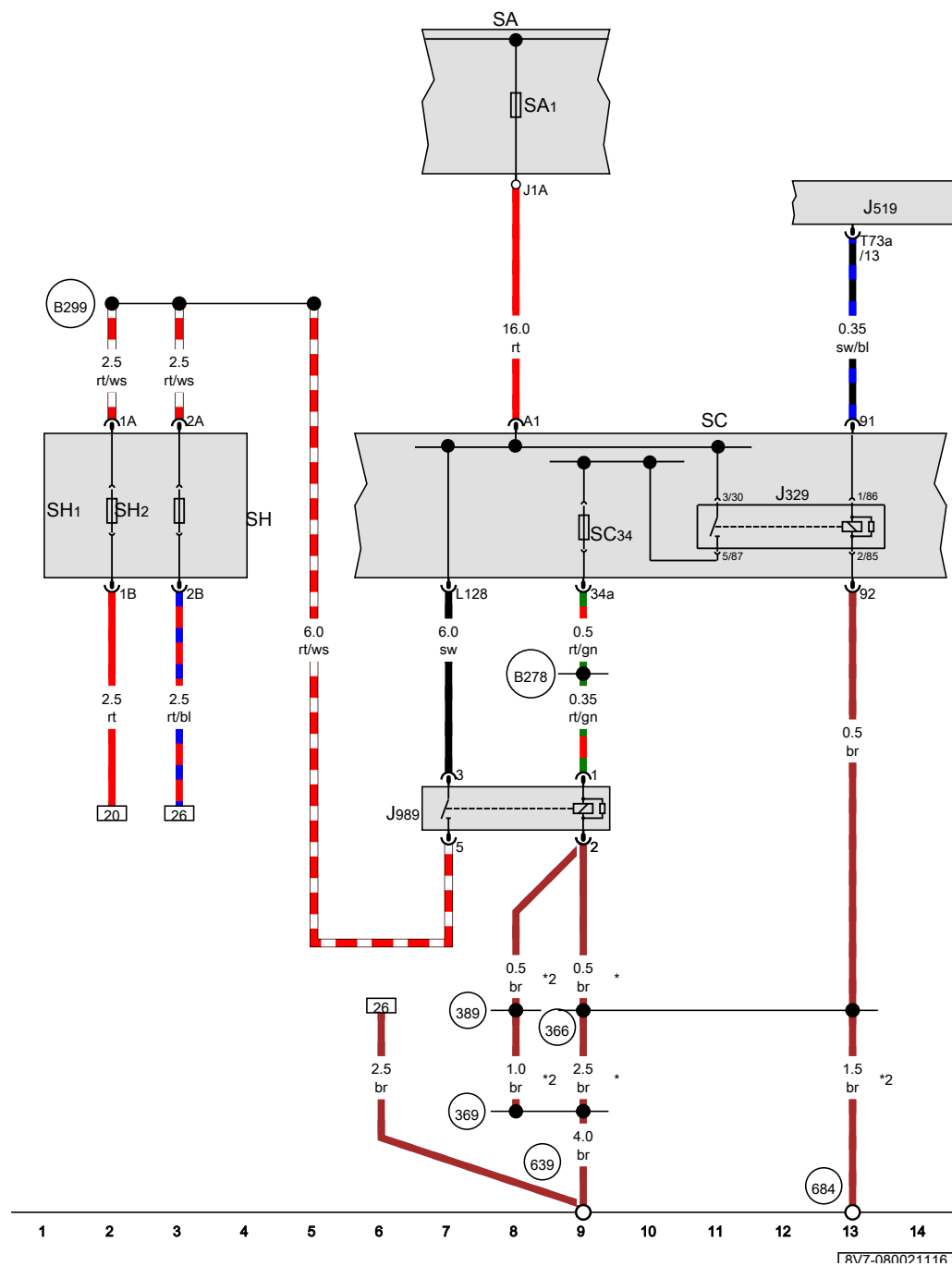
- J387 Front passenger door control unit
- L220 Light for passenger side interior door handle illumination
- L224 Light for passenger side door loudspeaker trim
- T2mt 2-pin connector
- T2mu 2-pin connector
- T2mv 2-pin connector
- T2mw 2-pin connector
- T2n 2-pin connector
- T2qp 2-pin connector
- T3bv 3-pin connector
- T4eu 4-pin connector
- T6g 6-pin connector
- T20d 20-pin connector
- T27a 27-pin connector
- T32c 32-pin connector
- V148 Front passenger side window regulator motor
- W36 Front passenger side door warning lamp
- W68 Light conductor for front right sill panel moulding background lighting
- W93 Passenger side entry light

- 206 Earth connection, in front passenger door wiring harness
- R57 Connection (entry light), in front passenger door wiring harness
- * For models with additional lights
- *2 Up to April 2017
- *3 According to equipment
- *4 For models with background lighting in sill panel mouldings



Neck heating

From November 2013



**Terminal 15 voltage supply relay, Relay for neck heating,
Fuse holder C, Fuse holder H**

J329	Terminal 15 voltage supply relay
J519	Onboard supply control unit
J989	Relay for neck heating
SA	Fuse holder A
SA1	Fuse 1 on fuse holder A
SC	Fuse holder C
SC34	Fuse 34 on fuse holder C
SH	Fuse holder H
SH1	Fuse 1 in fuse holder H
SH2	Fuse 2 in fuse holder H
T73a	73-pin connector

- 366 Earth connection 1, in main wiring harness
- 369 Earth connection 4, in main wiring harness
- 389 Earth connection 24, in main wiring harness
- 639 Earth point, left A-pillar
- 684 Earth point on front of left side member
- B278 Positive connection 2 (15a) in main wiring harness
- B299 Positive connection 3 (30), in main wiring harness

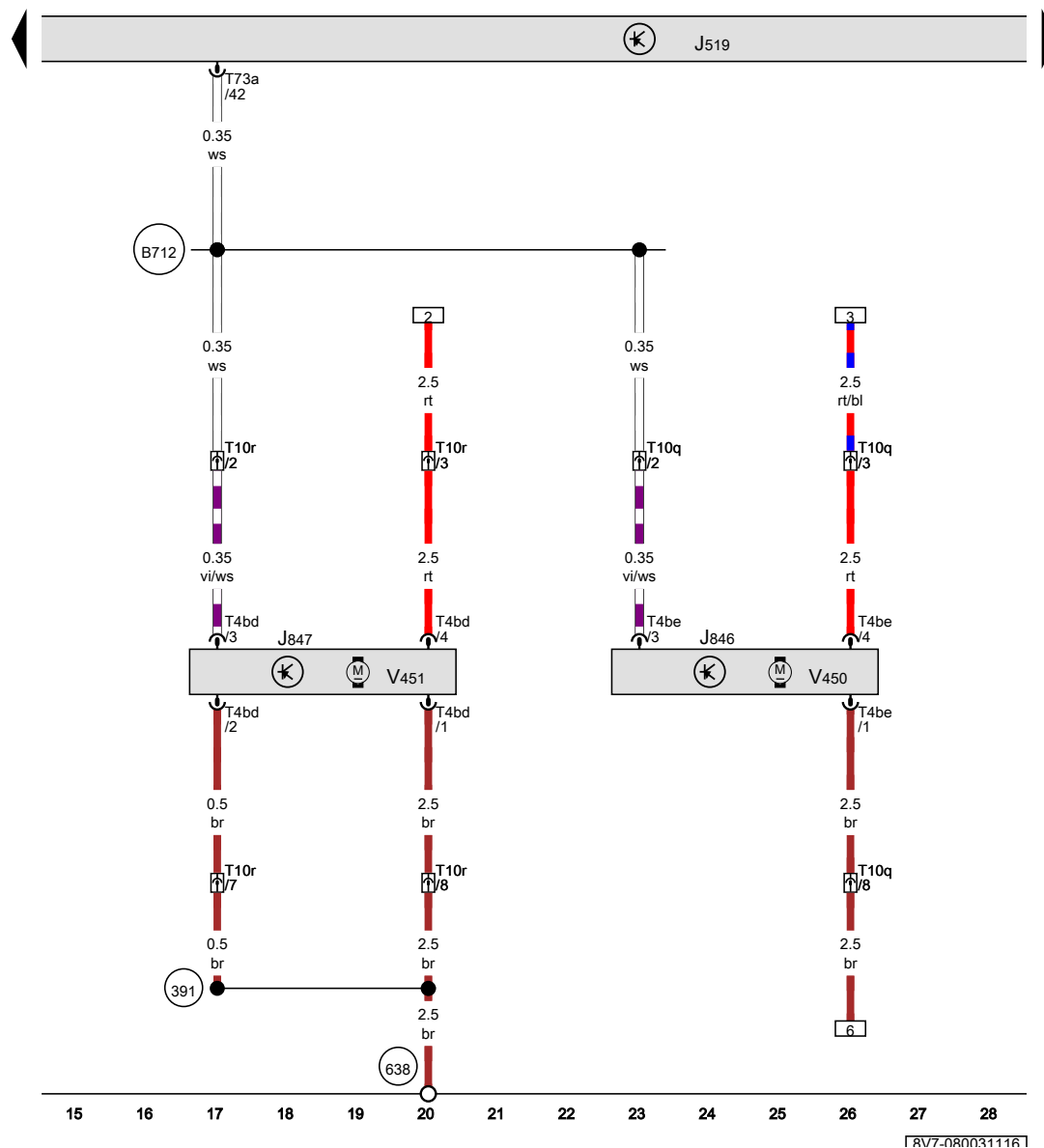
* Only left-hand drive models
*2 Only right-hand drive models

ws = white
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ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Control unit for left neck heating, Control unit for right neck heating, Blower for left neck heating, Blower for right neck heating

- J519 Onboard supply control unit
- J846 Control unit for left neck heating
- J847 Control unit for right neck heating
- T4bd 4-pin connector
- T4be 4-pin connector
- T10q 10-pin connector
- T10r 10-pin connector
- T73a 73-pin connector
- V450 Blower for left neck heating
- V451 Blower for right neck heating

- 391 Earth connection 26, in main wiring harness
- 638 Earth point, on right A-pillar
- B712 Connection 7 (LIN bus) in main wiring harness

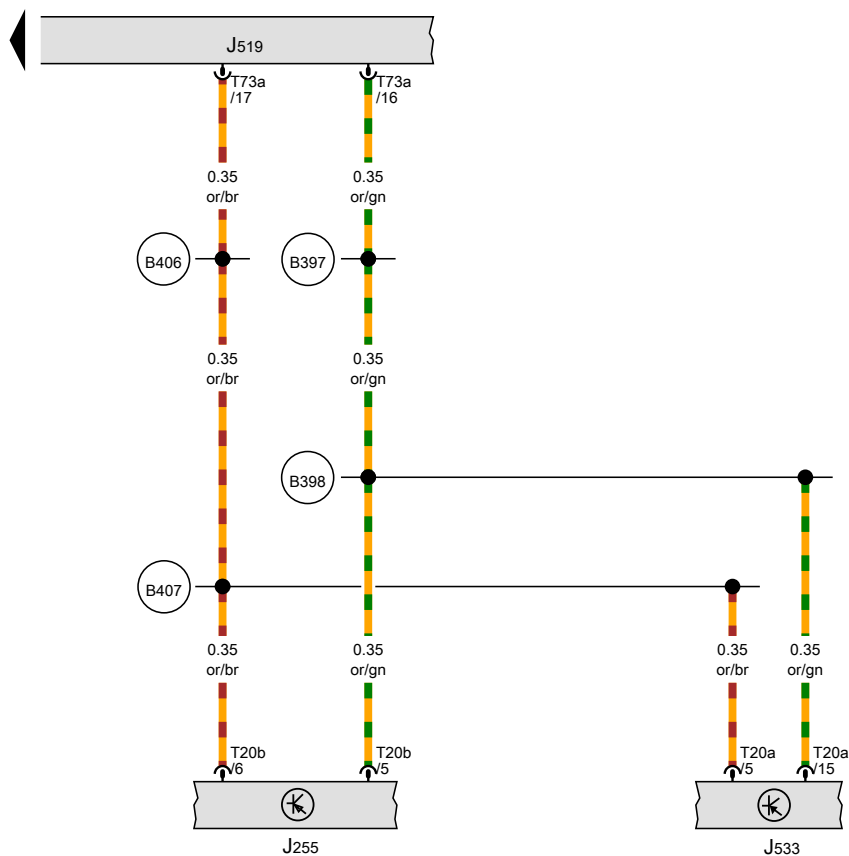


- ws = white
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- rs = pink

Climatronic control unit, Data bus diagnostic interface

J255 Climatronic control unit
J519 Onboard supply control unit
J533 Data bus diagnostic interface
T20a 20-pin connector
T20b 20-pin connector
T73a 73-pin connector

B397 Connection 1 (convenience CAN bus, high), in main wiring harness
B398 Connection 2 (convenience CAN bus, high), in main wiring harness
B406 Connection 1 (convenience CAN bus, low), in main wiring harness
B407 Connection 2 (convenience CAN bus, low), in main wiring harness



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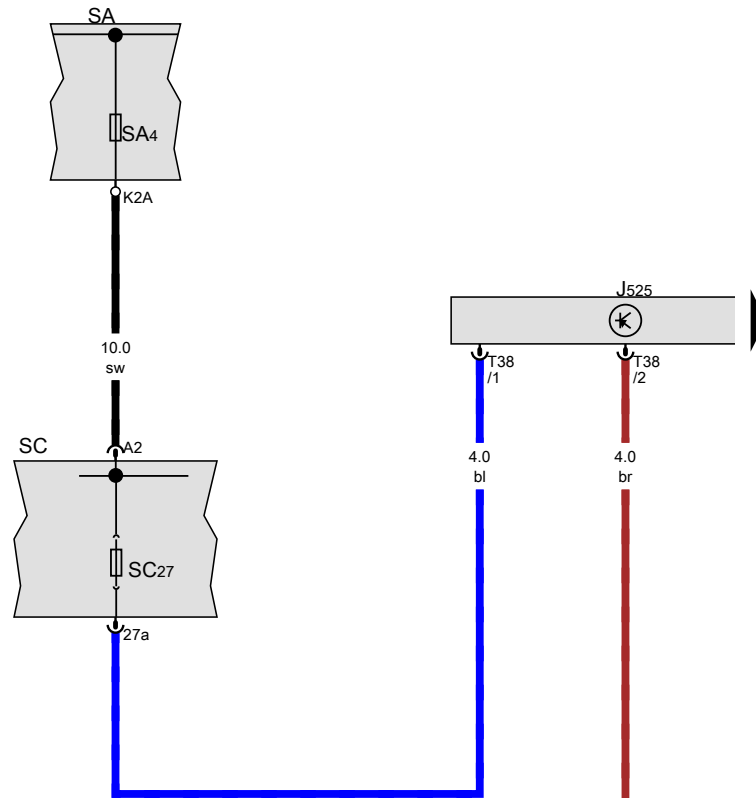
Bang & Olufsen sound system , (9VS)

From November 2013

Digital sound package control unit, Fuse holder A, Fuse holder C

- J525 Digital sound package control unit
- SA Fuse holder A
- SA4 Fuse 4 on fuse holder A
- SC Fuse holder C
- SC27 Fuse 27 on fuse holder C
- T38 38-pin connector

639 Earth point, left A-pillar



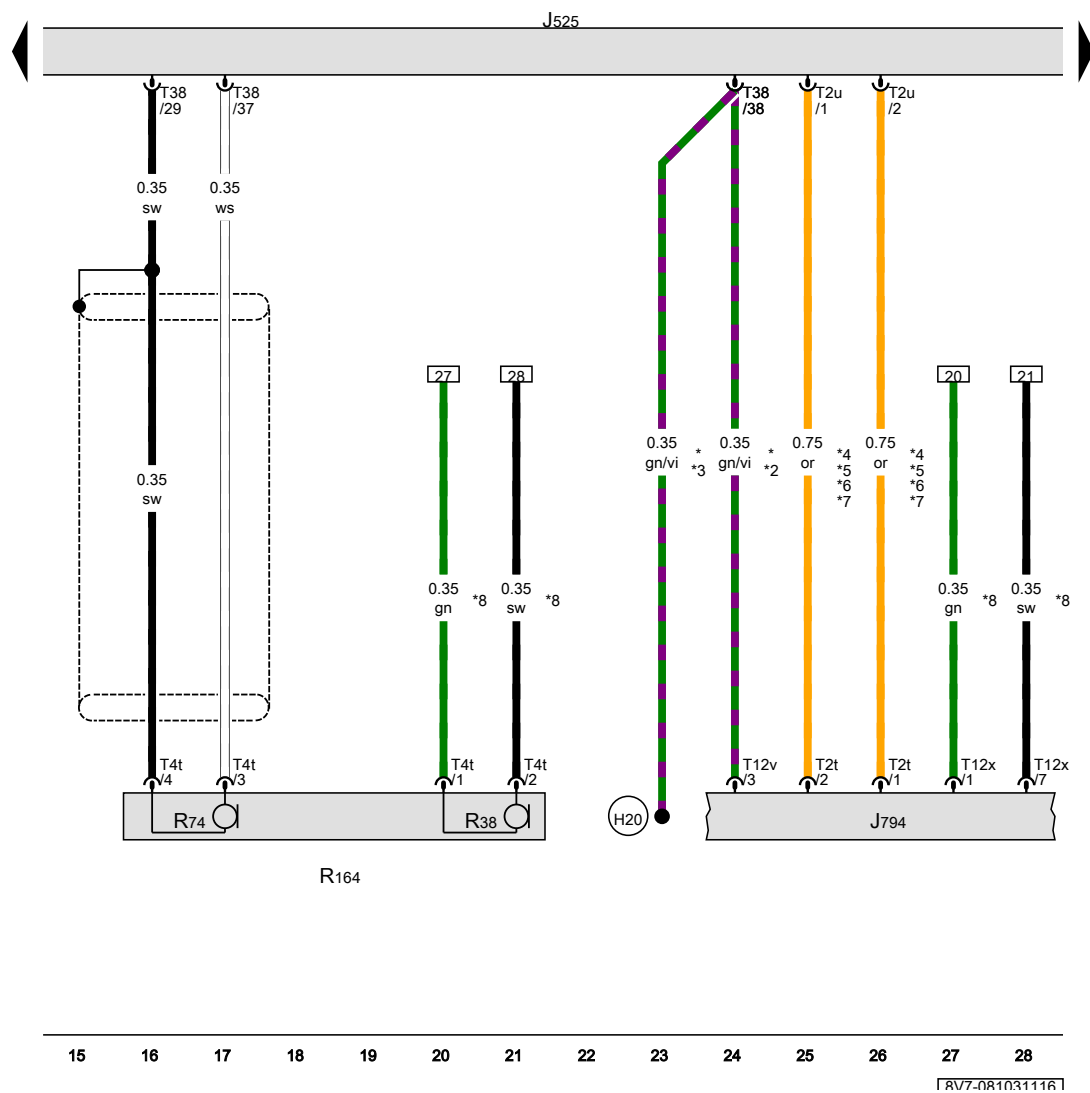
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- gr = grey
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- vi = purple
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Digital sound package control unit, Telephone microphone, Internal microphone, Microphone unit in front roof module

- J525 Digital sound package control unit
- J794 Control unit 1 for information electronics
- R38 Telephone microphone
- R74 Internal microphone
- R164 Microphone unit in front roof module
- T2t 2-pin connector
- T2u 2-pin connector
- T4t 4-pin connector
- T12v 12-pin connector
- T12x 12-pin connector
- T38 38-pin connector

H20 Connection 1, in diagnosis wiring harness

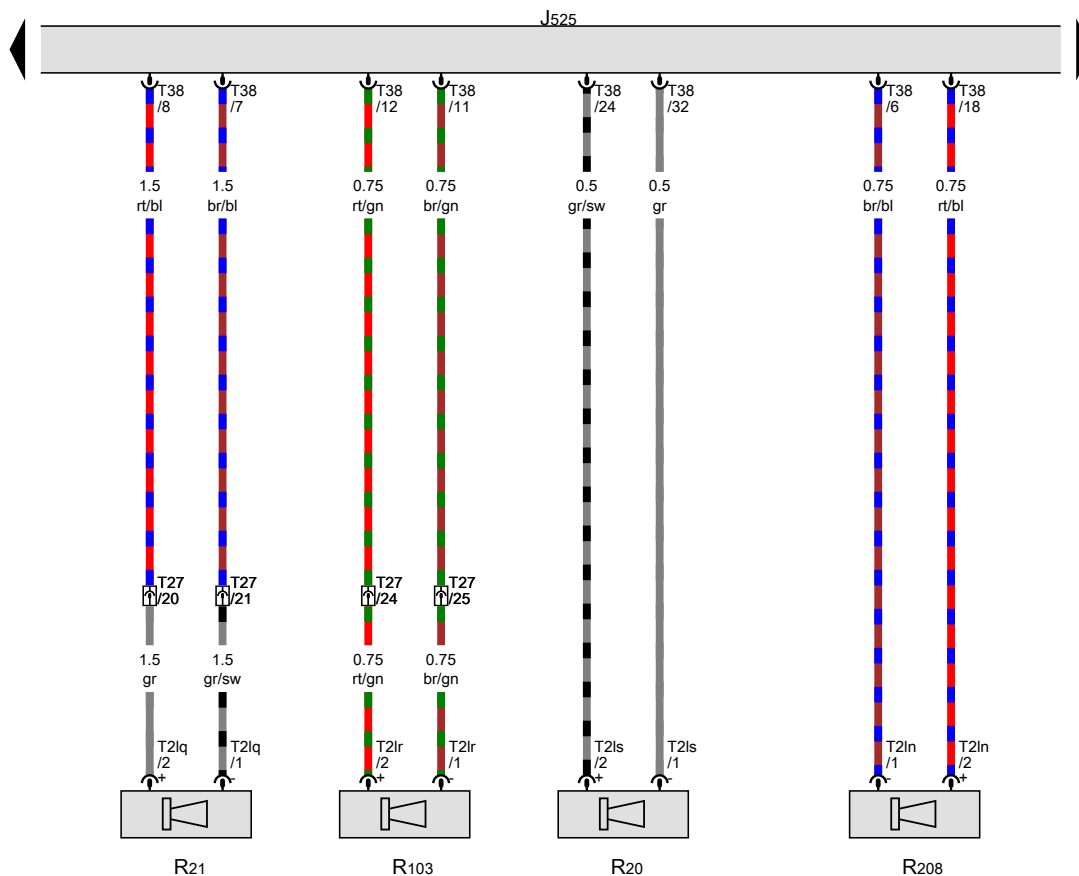
- * see applicable current flow diagram for ring circuit break diagnostic
- *2 Only models with no TV receiver
- *3 Only models with TV tuner
- *4 Fibre optic cable (FOC)
- *5 Wiring colour depends on equipment
- *6 Only models with MMI
- *7 see applicable current flow diagram for infotainment MOST bus
- *8 Only models with mobile telephone/telephone



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- bl = blue
- gr = grey
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- vi = purple
- ge = yellow
- or = orange
- rs = pink

Digital sound package control unit, Front left treble loudspeaker, Front left bass loudspeaker, Front left mid-range loudspeaker, Centre loudspeaker

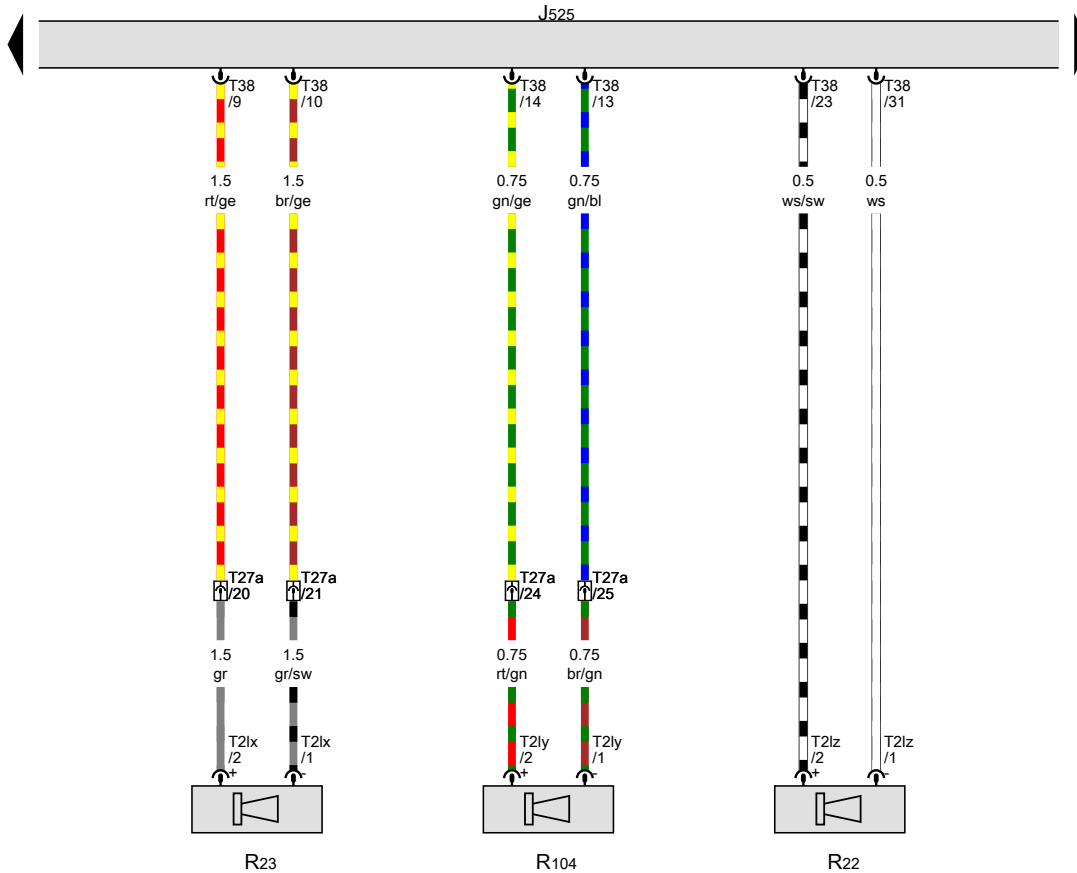
- J525 Digital sound package control unit
- R20 Front left treble loudspeaker
- R21 Front left bass loudspeaker
- R103 Front left mid-range loudspeaker
- R208 Centre loudspeaker
- T2ln 2-pin connector
- T2lq 2-pin connector
- T2lr 2-pin connector
- T2ls 2-pin connector
- T27 27-pin connector, on left A-pillar
- T38 38-pin connector



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- gr = grey
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- vi = purple
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- or = orange
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Digital sound package control unit, Front right treble loudspeaker, Front right bass loudspeaker, Front right mid-range loudspeaker

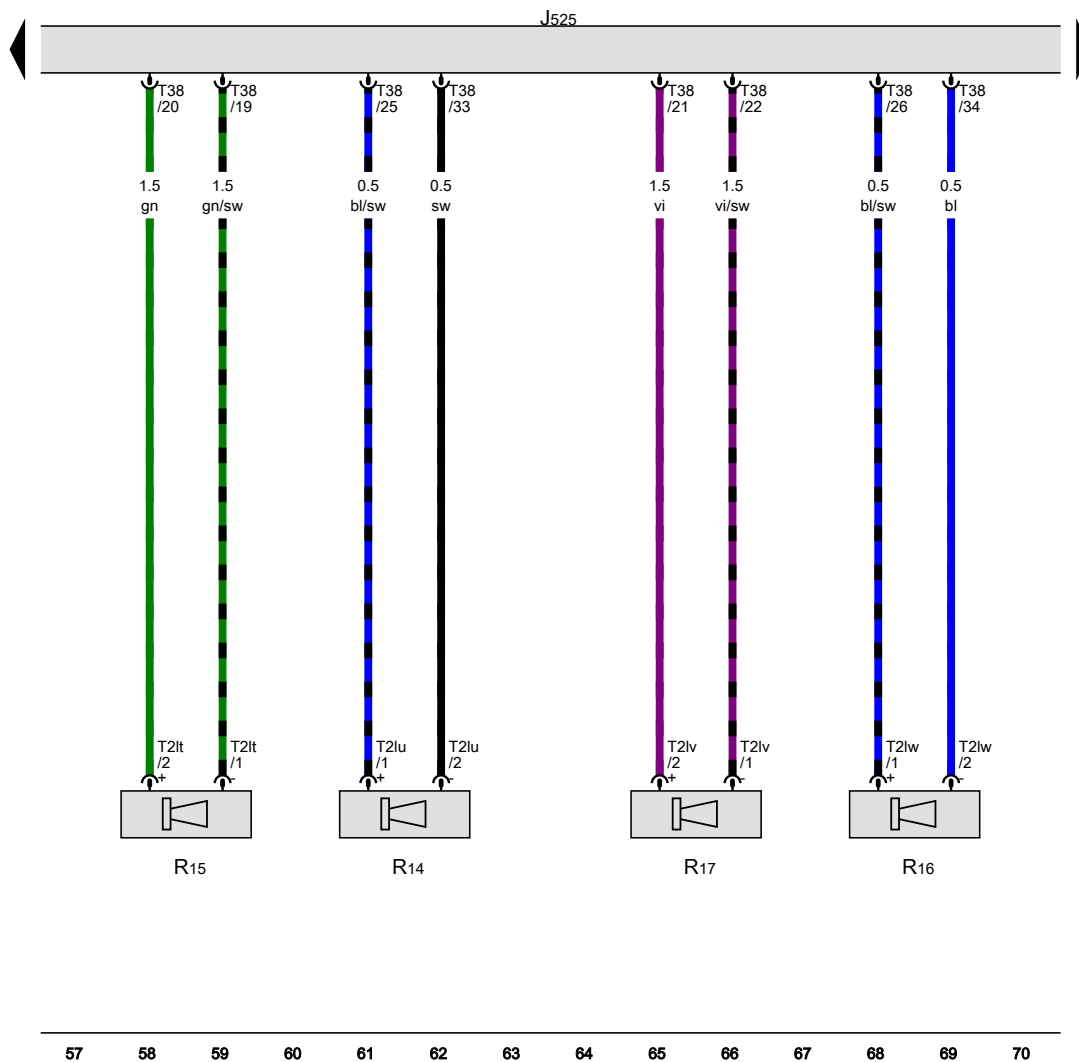
- J525 Digital sound package control unit
- R22 Front right treble loudspeaker
- R23 Front right bass loudspeaker
- R104 Front right mid-range loudspeaker
- T2lx 2-pin connector
- T2ly 2-pin connector
- T2lz 2-pin connector
- T27a 27-pin connector, on right A-pillar
- T38 38-pin connector



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- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Digital sound package control unit, Rear left treble loudspeaker, Rear left bass loudspeaker, Rear right treble loudspeaker, Rear right bass loudspeaker

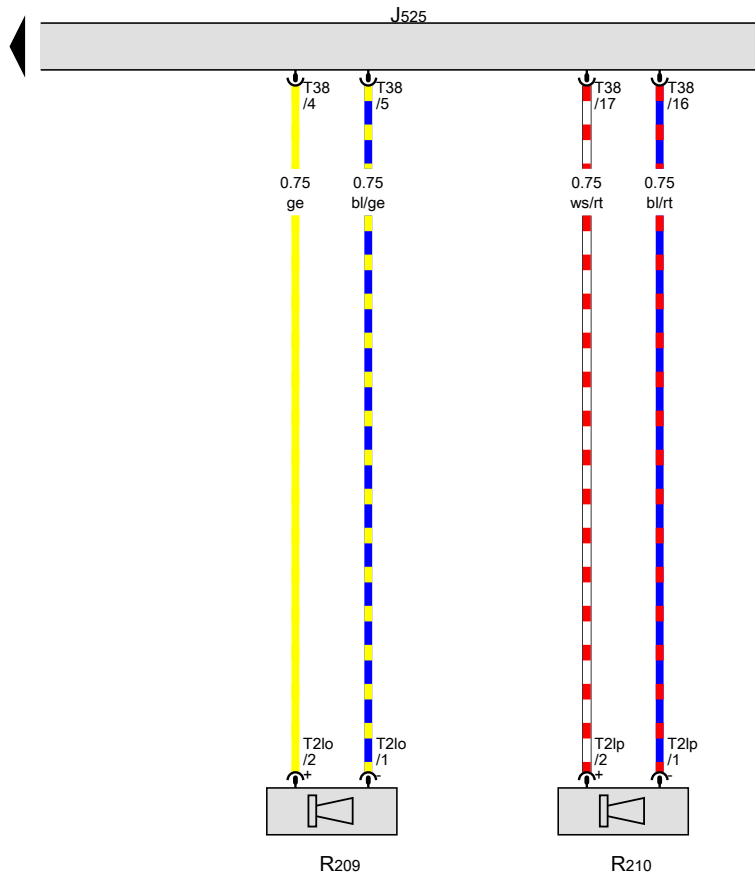
- J525 Digital sound package control unit
- R14 Rear left treble loudspeaker
- R15 Rear left bass loudspeaker
- R16 Rear right treble loudspeaker
- R17 Rear right bass loudspeaker
- T2lt 2-pin connector
- T2lu 2-pin connector
- T2lv 2-pin connector
- T2lw 2-pin connector
- T38 38-pin connector



[RV7-0810R1116]

Digital sound package control unit, Left effect loudspeaker, Right effect loudspeaker

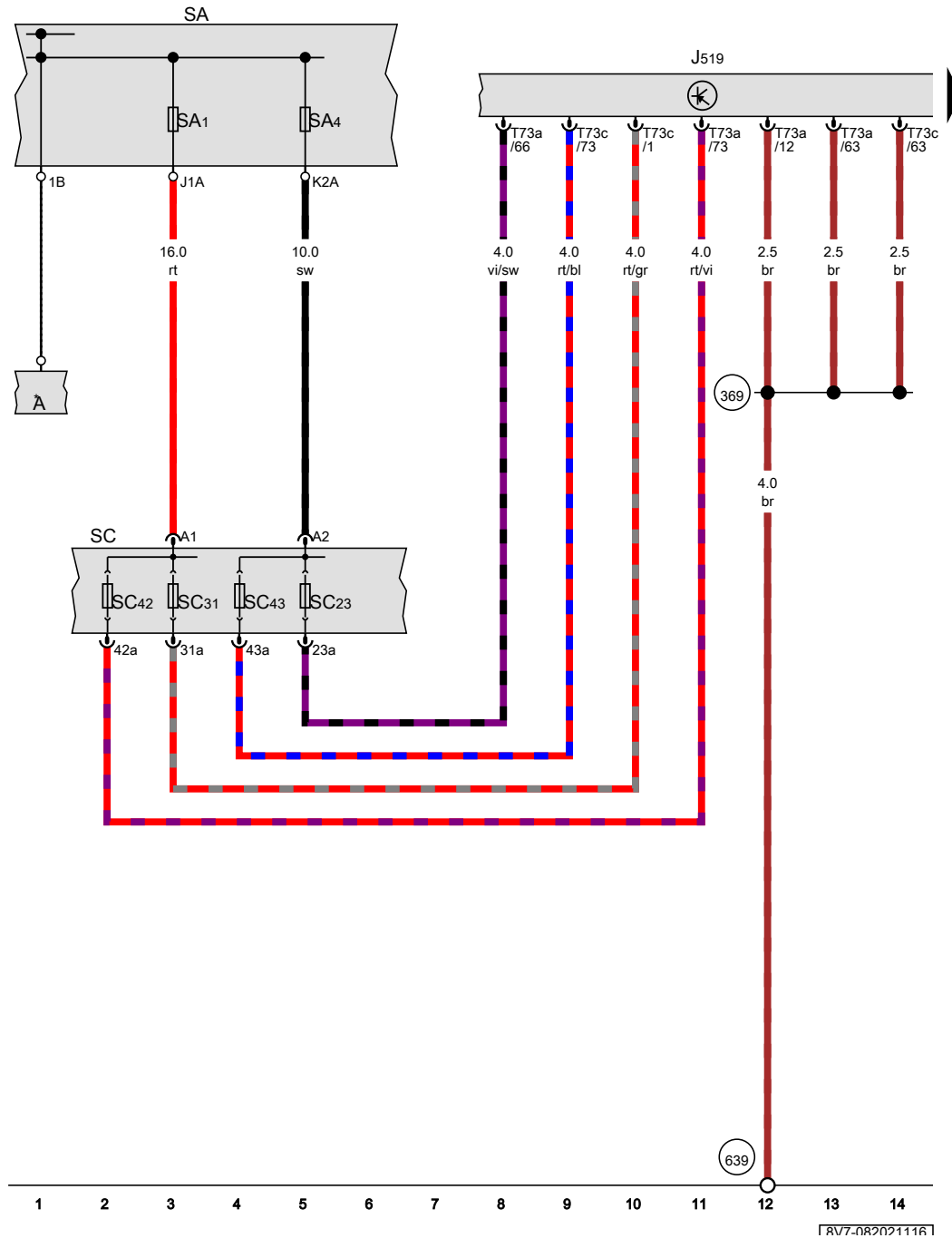
- J525 Digital sound package control unit
- R209 Left effect loudspeaker
- R210 Right effect loudspeaker
- T2lo 2-pin connector
- T2lp 2-pin connector
- T38 38-pin connector



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- gr = grey
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- vi = purple
- ge = yellow
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- rs = pink

Tail light cluster with LED , (8SP),(8SK)

From November 2013

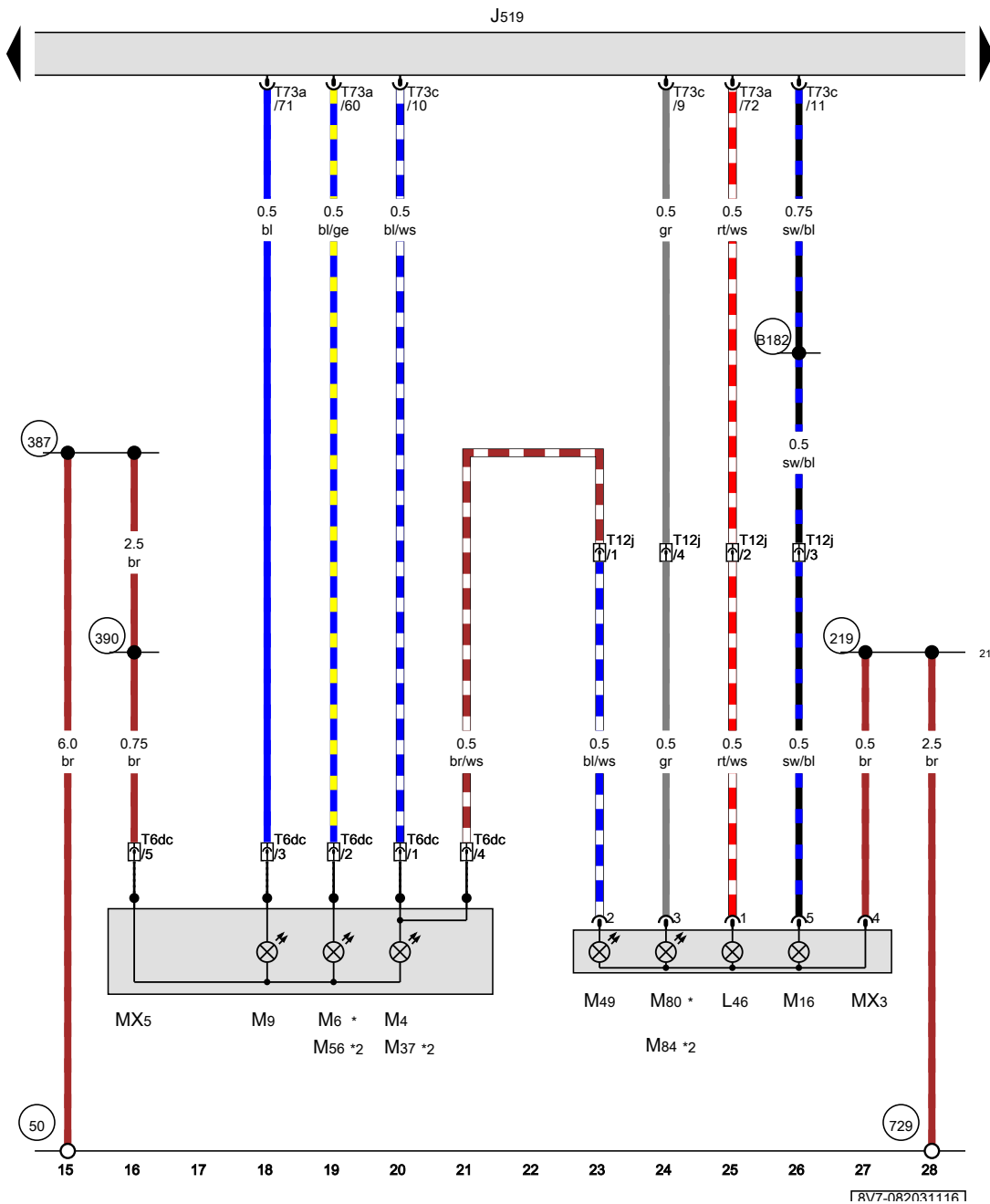


Onboard supply control unit, Fuse holder C

- A Battery
- J519 Onboard supply control unit
- SA Fuse holder A
- SA1 Fuse 1 on fuse holder A
- SA4 Fuse 4 on fuse holder A
- SC Fuse holder C
- SC23 Fuse 23 on fuse holder C
- SC31 Fuse 31 on fuse holder C
- SC42 Fuse 42 on fuse holder C
- SC43 Fuse 43 on fuse holder C
- T73a 73-pin connector
- T73c 73-pin connector
- 369 Earth connection 4, in main wiring harness
- 639 Earth point, left A-pillar
- * see applicable current flow diagram for battery in engine compartment

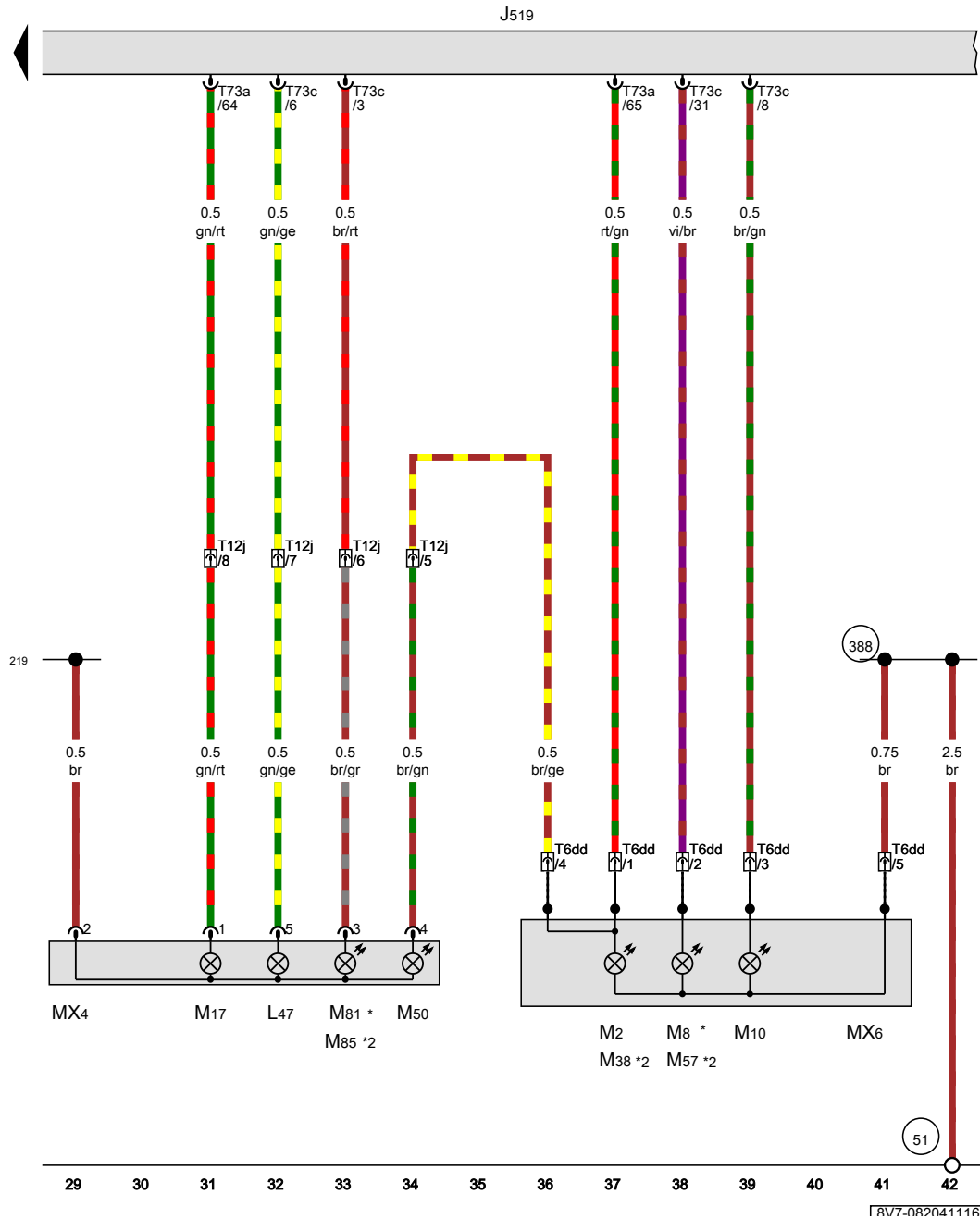
ws = white
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 vi = purple
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Onboard supply control unit, Left tail light, Left tail light 2



- J519 Onboard supply control unit
- L46 Rear left fog light bulb
- MX3 Left tail light
- M4 Left tail light bulb
- MX5 Left tail light 2
- M6 Rear left turn signal bulb
- M9 Left brake light bulb
- M16 Left reversing light bulb
- M37 Rear left side marker bulb
- M49 Left tail light bulb 2
- M56 Left brake and turn signal bulb
- M80 Bulb 2 for rear left turn signal
- M84 Left brake and turn signal bulb 2
- T6dc 6-pin connector
- T12j 12-pin connector
- T73a 73-pin connector
- T73c 73-pin connector
- 50 Earth point, on left in luggage compartment
- 219 Earth connection 2, in rear lid wiring harness
- 387 Earth connection 22, in main wiring harness
- 390 Earth connection 25, in main wiring harness
- 729 Earth point, on left rear wheel housing
- B182 Connection (RL), in interior wiring harness
- * Only models with no US equipment
- *2 Only models with US equipment

Onboard supply control unit, Right tail light, Right tail light 2



- J519 Onboard supply control unit
- L47 Rear right fog light bulb
- M2 Right tail light bulb
- MX4 Right tail light
- MX6 Right tail light 2
- M8 Rear right turn signal bulb
- M10 Right brake light bulb
- M17 Right reversing light bulb
- M38 Rear right side marker bulb
- M50 Right tail light bulb 2
- M57 Right brake and turn signal bulb
- M81 Bulb 2 for rear right turn signal
- M85 Right brake and turn signal bulb 2
- T6dd 6-pin connector
- T12j 12-pin connector
- T73a 73-pin connector
- T73c 73-pin connector

51 Earth point, on right in luggage compartment

219 Earth connection 2, in rear lid wiring harness

388 Earth connection 23, in main wiring harness

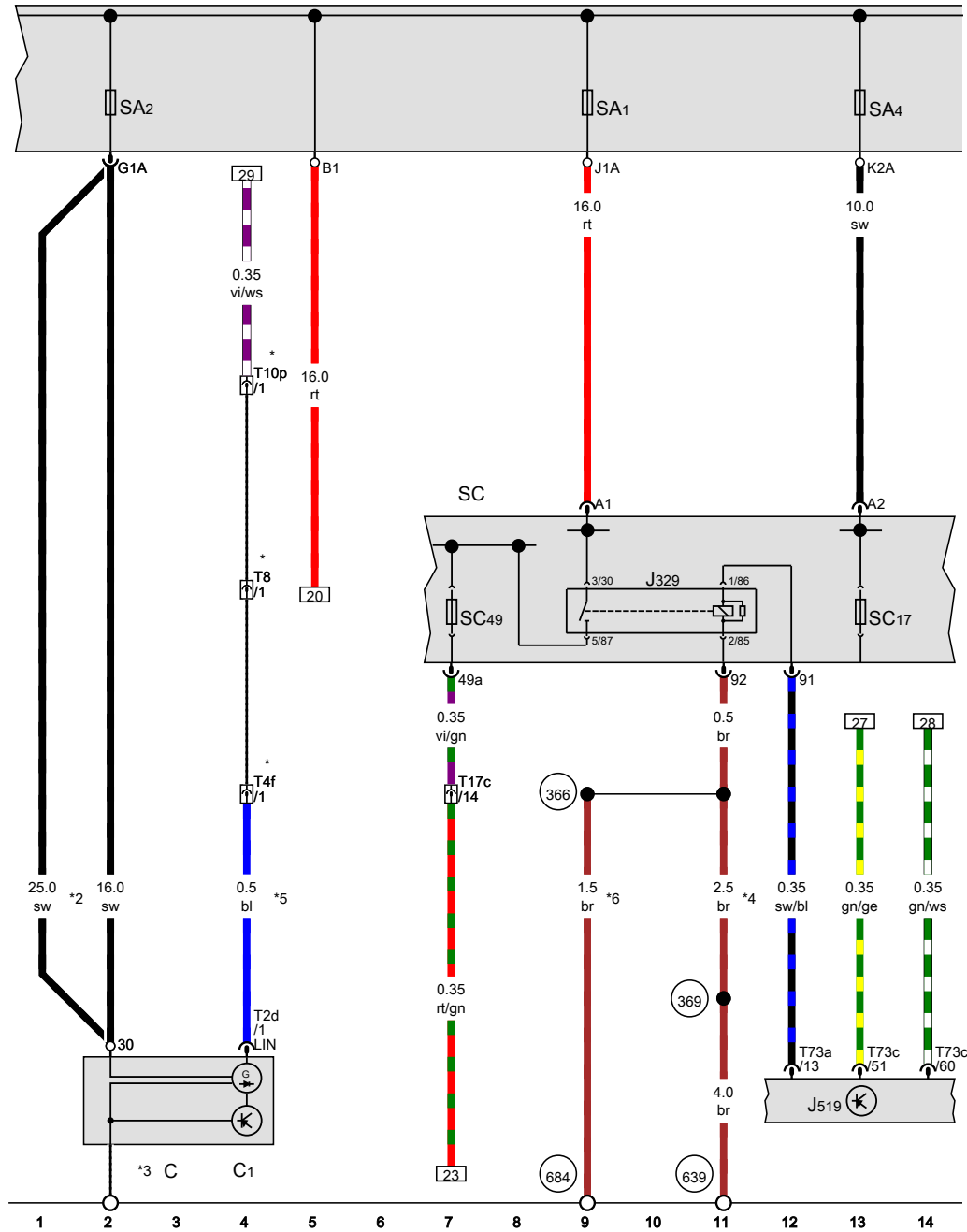
* Only models with no US equipment

*2 Only models with US equipment

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Battery in engine compartment with start/stop system and energy recovery , (7L6)

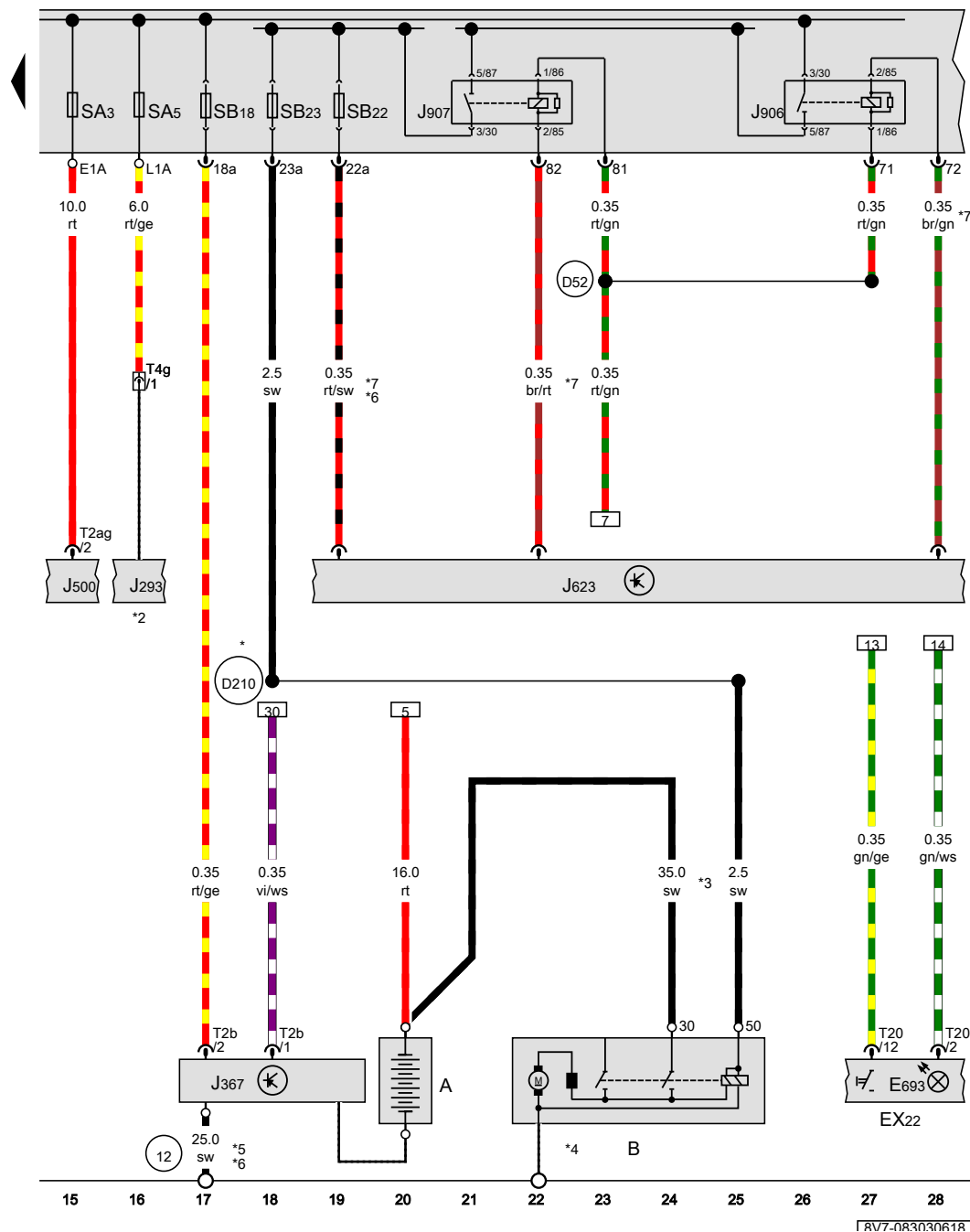
From November 2013



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Alternator, Terminal 15 voltage supply relay, Fuse 1 on fuse holder A, Fuse 2 on fuse holder A, Fuse 4 on fuse holder A, Fuse holder C

- C Alternator
- C1 Voltage regulator
- J329 Terminal 15 voltage supply relay
- J519 Onboard supply control unit
- SA1 Fuse 1 on fuse holder A
- SA2 Fuse 2 on fuse holder A
- SA4 Fuse 4 on fuse holder A
- SC Fuse holder C
- SC17 Fuse 17 on fuse holder C
- SC49 Fuse 49 on fuse holder C
- T2d 2-pin connector
- T4f 4-pin connector
- T8 8-pin connector
- T10p 10-pin connector
- T17c 17-pin connector
- T73a 73-pin connector
- T73c 73-pin connector
- 366 Earth connection 1, in main wiring harness
- 369 Earth connection 4, in main wiring harness
- 639 Earth point, left A-pillar
- 684 Earth point on front of left side member
- * According to equipment
- *2 For models with 140 A/180 A alternator
- *3 Earth supply via housing
- *4 For left-hand drive models
- *5 Wiring colour depends on equipment
- *6 For right-hand drive models



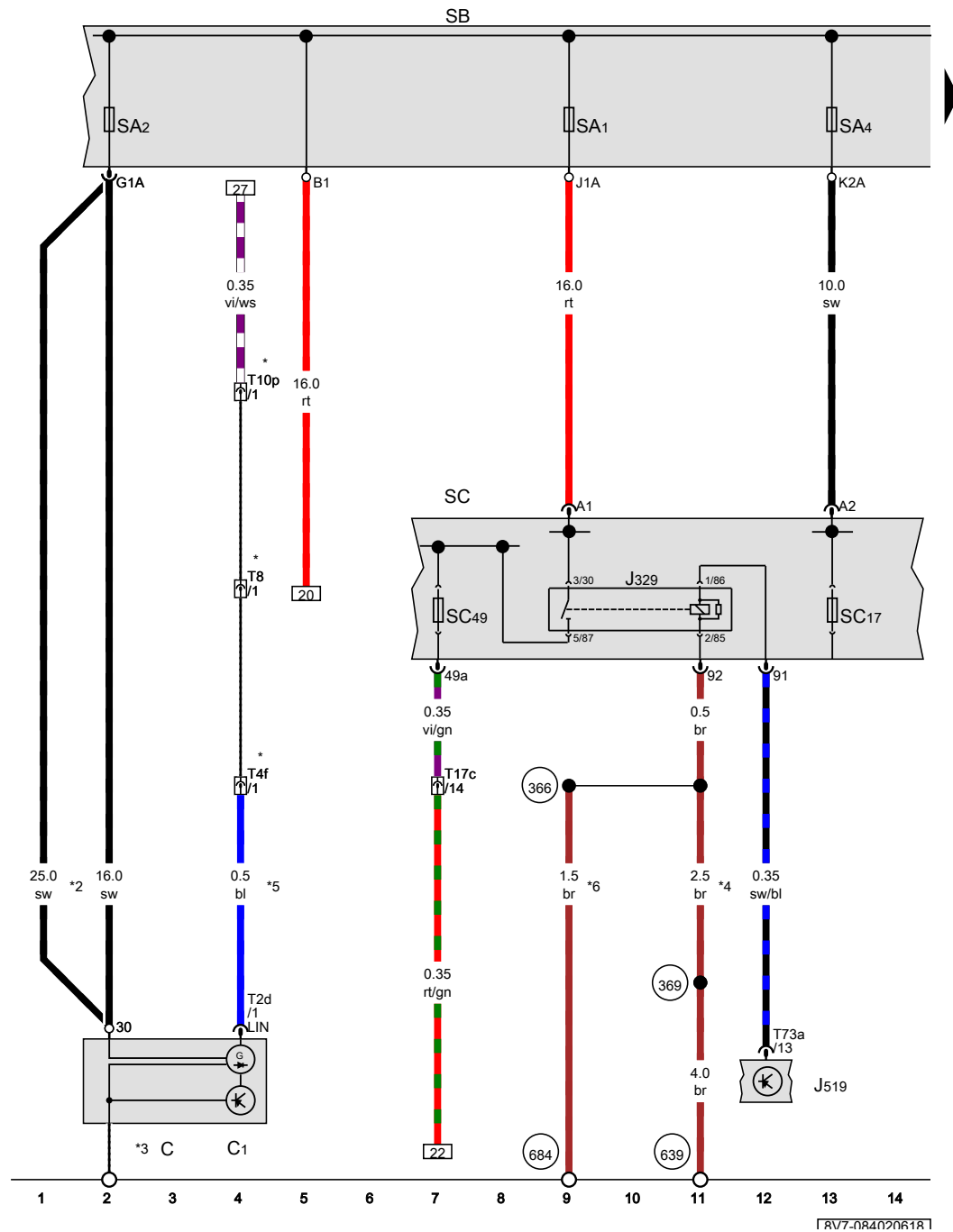
Battery, Starter, Centre switch module in dash panel, Battery monitor control unit, Engine/motor control unit, Starter relay 1, Starter relay 2, Fuse 3 on fuse holder A, Fuse 5 on fuse holder A

- A Battery
- B Starter
- EX22 Centre switch module in dash panel
- E693 Start/Stop operation button
- J293 Radiator fan control unit
- J367 Battery monitor control unit
- J500 Power steering control unit
- J623 Engine/motor control unit
- J906 Starter relay 1
- J907 Starter relay 2
- SA3 Fuse 3 on fuse holder A
- SA5 Fuse 5 on fuse holder A
- SB18 Fuse 18 on fuse holder B
- SB22 Fuse 22 on fuse holder B
- SB23 Fuse 23 on fuse holder B
- T2ag 2-pin connector
- T2b 2-pin connector
- T4g 4-pin connector
- T20 20-pin connector
- 12 Earth point, on left in engine compartment
- D52 Positive connection (15a), in engine compartment wiring harness
- D210 Connection (50), in engine compartment wiring harness
- * Gradually discontinued
- *2 see applicable current flow diagram for radiator fan
- *3 Cross section depends on equipment
- *4 Earth supply via housing
- *5 Cross-section 35.0 possible
- *6 Wiring colour depends on equipment
- *7 see applicable current flow diagram for engine

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Battery in engine compartment with no start/stop system and no energy recovery , (7L3)

From November 2013



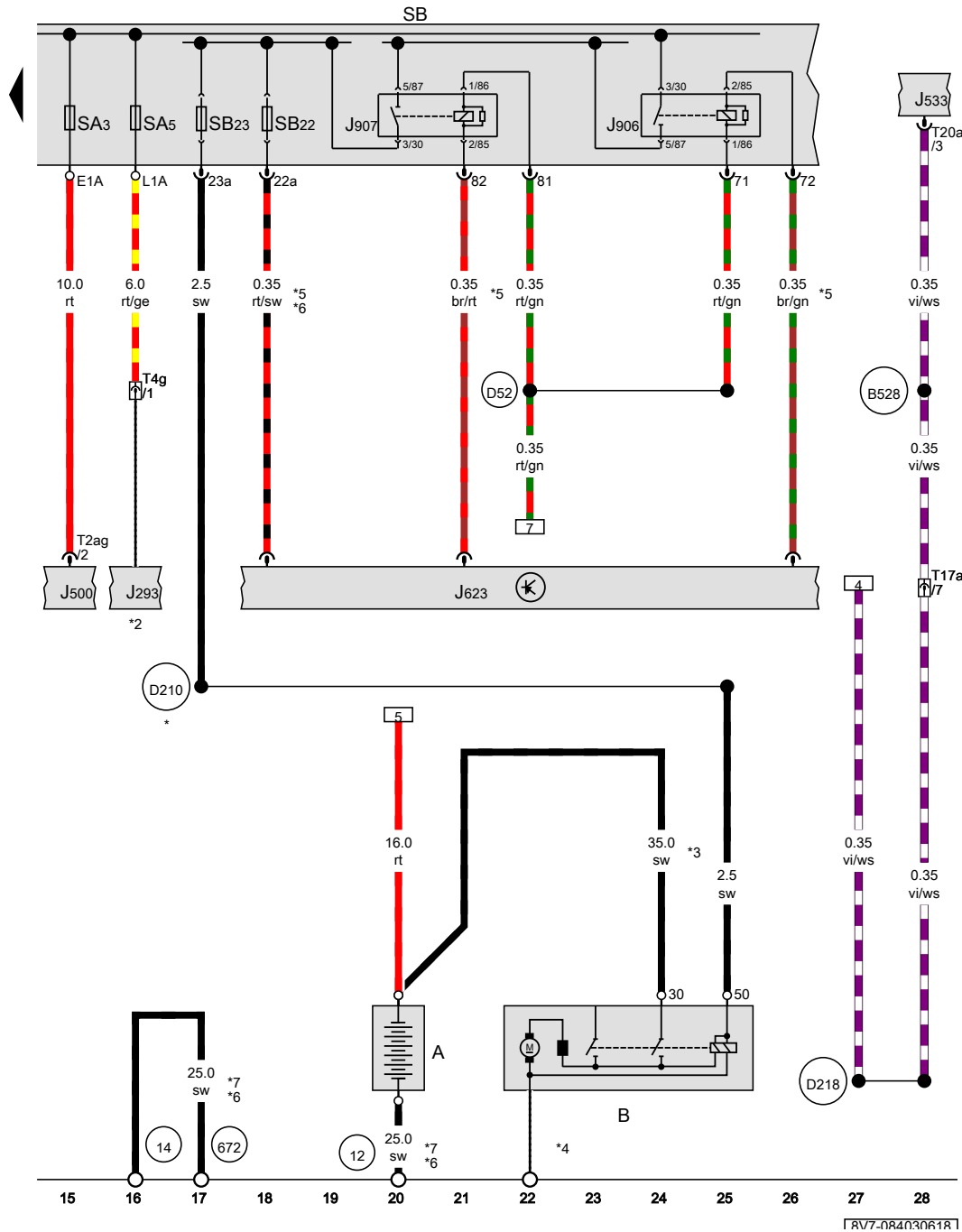
Alternator, Terminal 15 voltage supply relay, Fuse 1 on fuse holder A, Fuse 2 on fuse holder A, Fuse 4 on fuse holder A, Fuse holder C

- C Alternator
- C1 Voltage regulator
- J329 Terminal 15 voltage supply relay
- J519 Onboard supply control unit
- SA1 Fuse 1 on fuse holder A
- SA2 Fuse 2 on fuse holder A
- SA4 Fuse 4 on fuse holder A
- SB Fuse holder B
- SC Fuse holder C
- SC17 Fuse 17 on fuse holder C
- SC49 Fuse 49 on fuse holder C
- T2d 2-pin connector
- T4f 4-pin connector
- T8 8-pin connector
- T10p 10-pin connector
- T17c 17-pin connector
- T73a 73-pin connector

- 366 Earth connection 1, in main wiring harness
- 369 Earth connection 4, in main wiring harness
- 639 Earth point, left A-pillar
- 684 Earth point on front of left side member

- * According to equipment
- *2 For models with 140 A/180 A alternator
- *3 Earth supply via housing
- *4 For left-hand drive models
- *5 Wiring colour depends on equipment
- *6 For right-hand drive models

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- vi = purple
- ge = yellow
- or = orange
- rs = pink



Battery, Starter, Engine/motor control unit, Starter relay 1, Starter relay 2, Fuse 3 on fuse holder A, Fuse 5 on fuse holder A

- A Battery
- B Starter
- J293 Radiator fan control unit
- J500 Power steering control unit
- J533 Data bus diagnostic interface
- J623 Engine/motor control unit
- J906 Starter relay 1
- J907 Starter relay 2
- SA3 Fuse 3 on fuse holder A
- SA5 Fuse 5 on fuse holder A
- SB Fuse holder B
- SB22 Fuse 22 on fuse holder B
- SB23 Fuse 23 on fuse holder B
- T2ag 2-pin connector
- T4g 4-pin connector
- T17a 17-pin connector
- T20a 20-pin connector

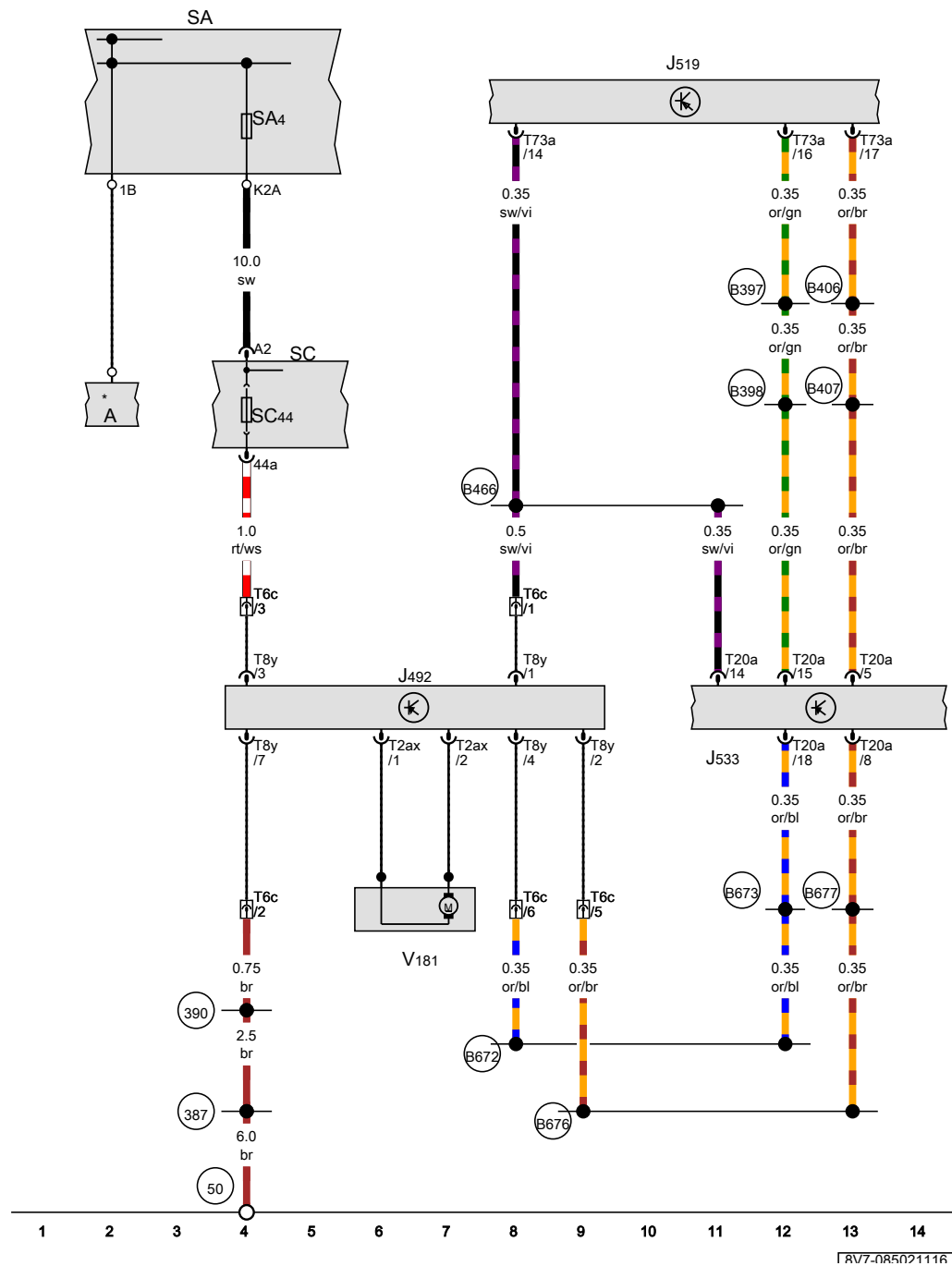
- 12 Earth point, on left in engine compartment
- 14 Earth point, on gearbox
- 672 Earth point 2, on front of left longitudinal member
- B528 Connection 1 (LIN bus) in main wiring harness
- D52 Positive connection (15a), in engine compartment wiring harness
- D210 Connection (50), in engine compartment wiring harness
- D218 Connection 1 (LIN bus) in engine compartment wiring harness

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- gr = grey
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- vi = purple
- ge = yellow
- or = orange
- rs = pink

- * Gradually discontinued
- *2 see applicable current flow diagram for radiator fan
- *3 Cross section depends on equipment
- *4 Earth supply via housing
- *5 see applicable current flow diagram for engine
- *6 Wiring colour depends on equipment
- *7 Cross-section 35.0 possible

All-wheel drive , (1X1)

From November 2013



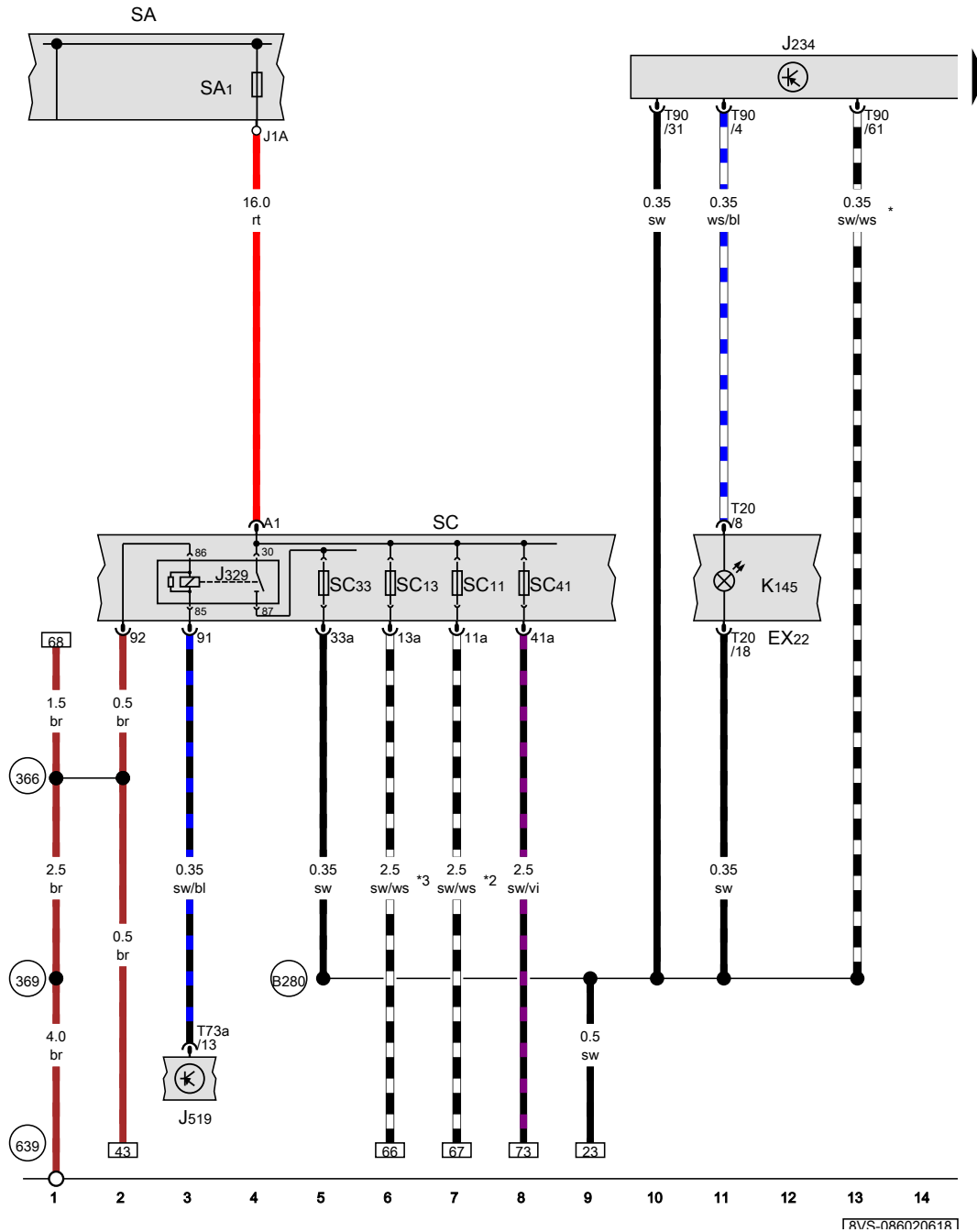
All-wheel drive control unit, Onboard supply control unit,
Data bus diagnostic interface, Fuse holder C

- A Battery
- J492 All-wheel drive control unit
- J519 Onboard supply control unit
- J533 Data bus diagnostic interface
- SA Fuse holder A
- SA4 Fuse 4 on fuse holder A
- SC Fuse holder C
- SC44 Fuse 44 on fuse holder C
- T2ax 2-pin connector
- T6c 6-pin connector
- T8y 8-pin connector
- T20a 20-pin connector
- T73a 73-pin connector
- V181 All-wheel drive coupling pump

- 50 Earth point, on left in luggage compartment
- 387 Earth connection 22, in main wiring harness
- 390 Earth connection 25, in main wiring harness
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness
- B466 Connection 2, in main wiring harness
- B672 Connection 1 (running gear/dash panel insert CAN bus, high), in main wiring harness
- B673 Connection 2 (running gear/dash panel insert CAN bus, high), in main wiring harness
- B676 Connection 1 (running gear/dash panel insert CAN bus, low), in main wiring harness
- B677 Connection 2 (running gear/dash panel insert CAN bus, low), in main wiring harness
- * see applicable current flow diagram for battery in engine compartment

Airbag systems (US equipment) , (5C1)

From November 2013



Centre switch module in dash panel, Airbag control unit, Terminal 15 voltage supply relay, Warning lamp for airbag deactivated on front passenger side, Fuse holder A, Fuse holder C

- EX22 Centre switch module in dash panel
- J234 Airbag control unit
- J329 Terminal 15 voltage supply relay
- J519 Onboard supply control unit
- K145 Warning lamp for airbag deactivated on front passenger side
- SA Fuse holder A
- SA1 Fuse 1 on fuse holder A
- SC Fuse holder C
- SC11 Fuse 11 on fuse holder C
- SC13 Fuse 13 on fuse holder C
- SC33 Fuse 33 on fuse holder C
- SC41 Fuse 41 on fuse holder C
- T20 20-pin connector
- T73a 73-pin connector
- T90 90-pin connector

366 Earth connection 1, in main wiring harness

369 Earth connection 4, in main wiring harness

639 Earth point, left A-pillar

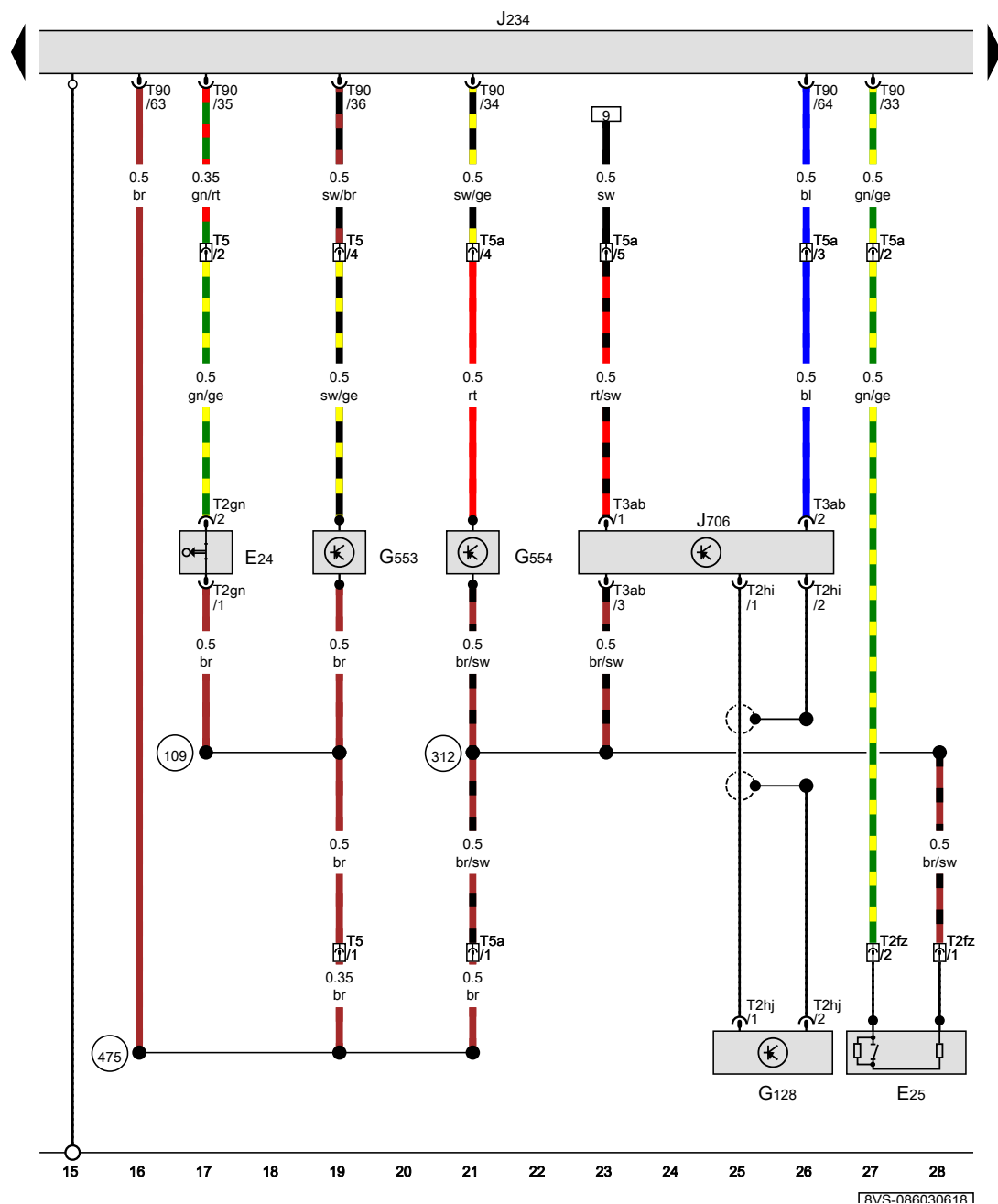
B280 Positive connection 4 (15a) in main wiring harness

* Different wire colour possible

*2 Up to April 2017

*3 From May 2017

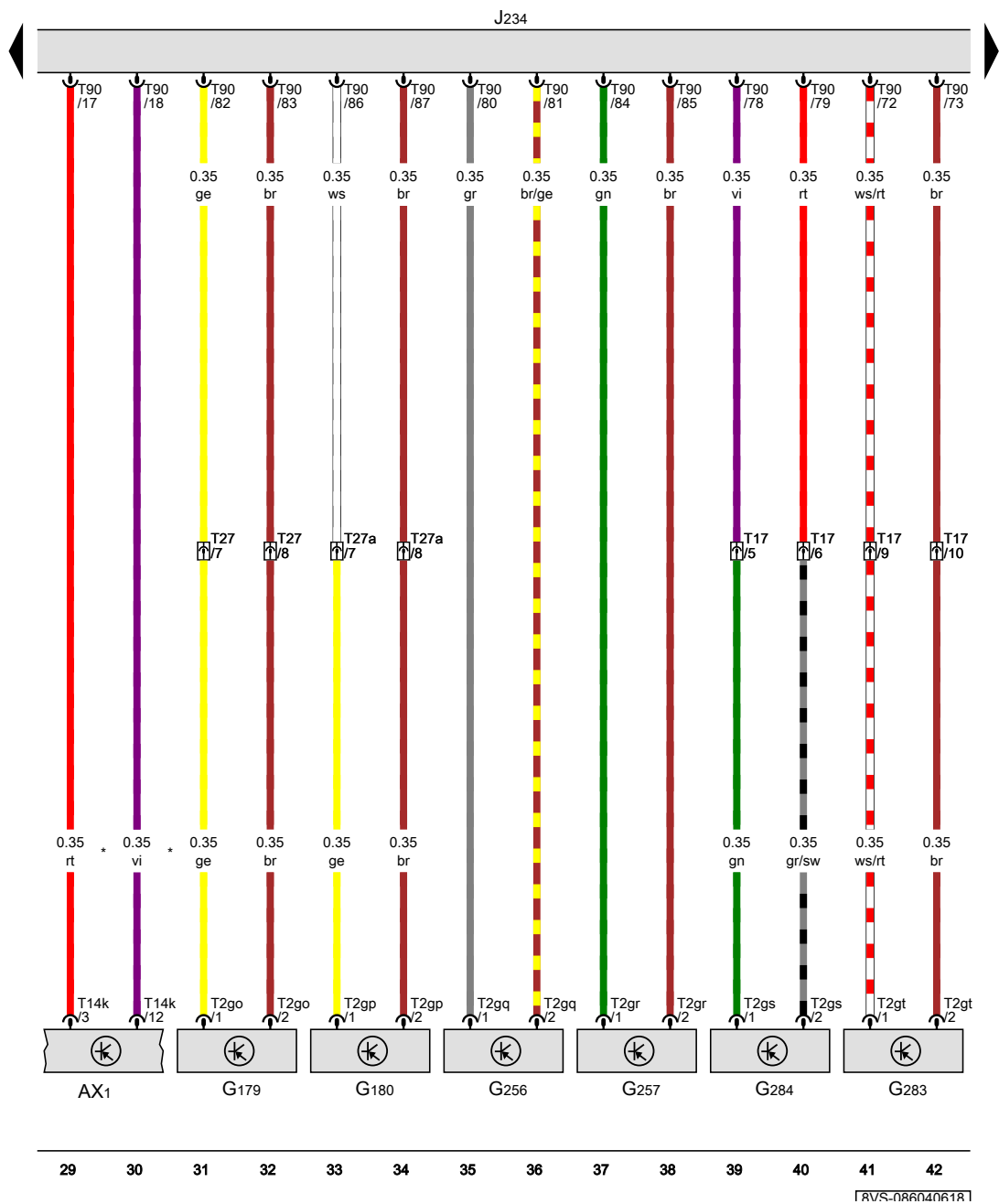
ws = white
sw = black
ro = red
rt = red
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gn = green
bl = blue
gr = grey
li = purple
vi = purple
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or = orange
rs = pink



Driver side belt switch, Front passenger side seat position sensor, Airbag control unit, Seat occupied recognition control unit

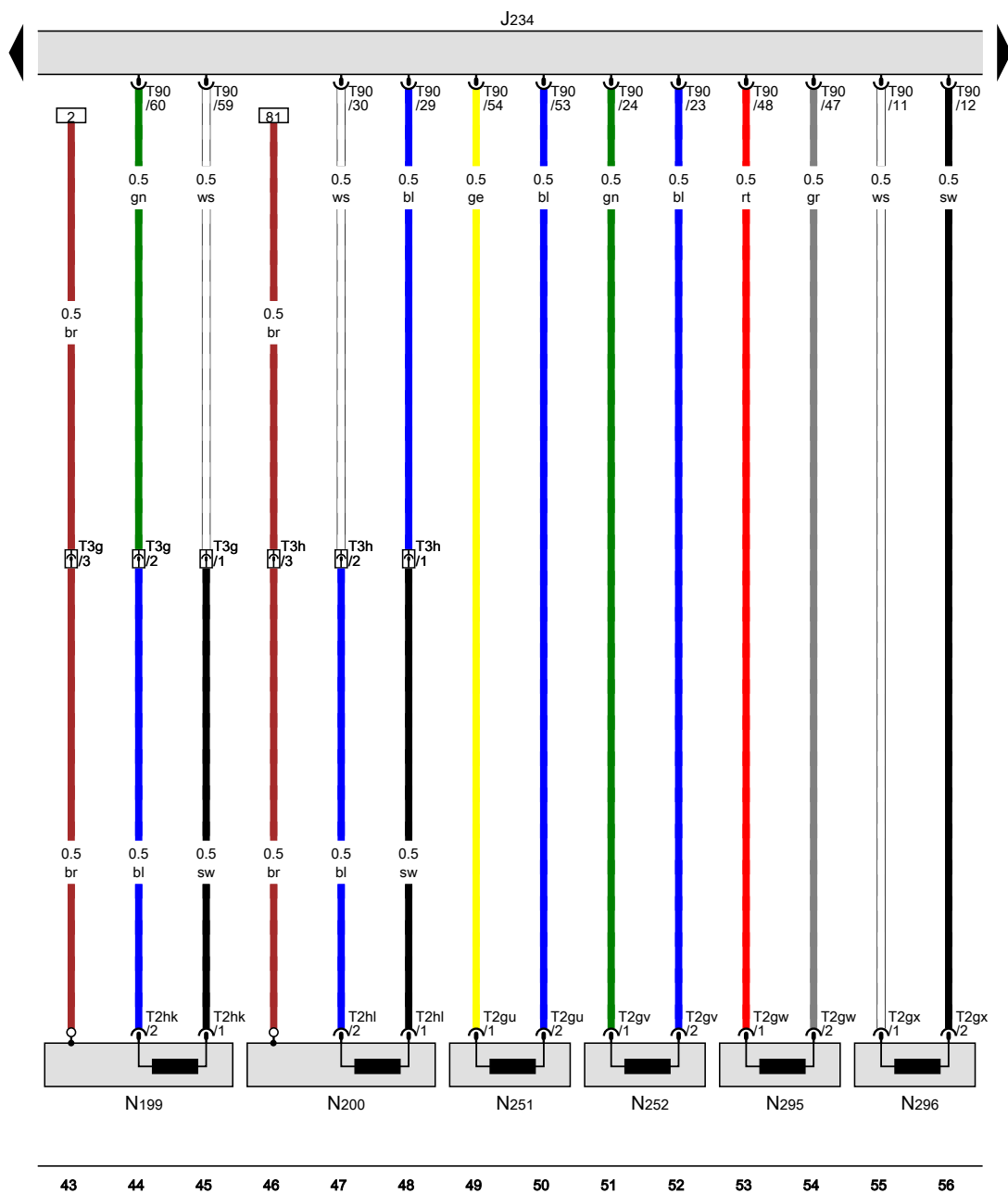
- E24 Driver side belt switch
- E25 Front passenger side belt switch
- G128 Seat occupied sensor, front passenger side
- G553 Driver side seat position sensor
- G554 Front passenger side seat position sensor
- J234 Airbag control unit
- J706 Seat occupied recognition control unit
- T2fz 2-pin connector
- T2gn 2-pin connector
- T2hi 2-pin connector
- T2hj 2-pin connector
- T3ab 3-pin connector
- T5 5-pin connector
- T5a 5-pin connector
- T90 90-pin connector

- 109 Earth connection, in airbag wiring harness
- 312 Earth connection 2, in airbag wiring harness
- 475 Earth connection (airbag), in main wiring harness



Side airbag crash sensor on driver side, Side airbag crash sensor on front passenger side, Rear side airbag crash sensor on driver side, Rear side airbag crash sensor on passenger side, Front airbag crash sensor for driver side, Front airbag crash sensor for front passenger side, Airbag control unit

- AX1 Hybrid battery unit
- G179 Side airbag crash sensor on driver side
- G180 Side airbag crash sensor on front passenger side
- G256 Rear side airbag crash sensor on driver side
- G257 Rear side airbag crash sensor on passenger side
- G283 Front airbag crash sensor for driver side
- G284 Front airbag crash sensor for front passenger side
- J234 Airbag control unit
- T2go 2-pin connector
- T2gp 2-pin connector
- T2gq 2-pin connector
- T2gr 2-pin connector
- T2gs 2-pin connector
- T2gt 2-pin connector
- T14k 14-pin connector
- T17 17-pin connector
- T27 27-pin connector
- T27a 27-pin connector
- T90 90-pin connector
- * For models with hybrid drive system

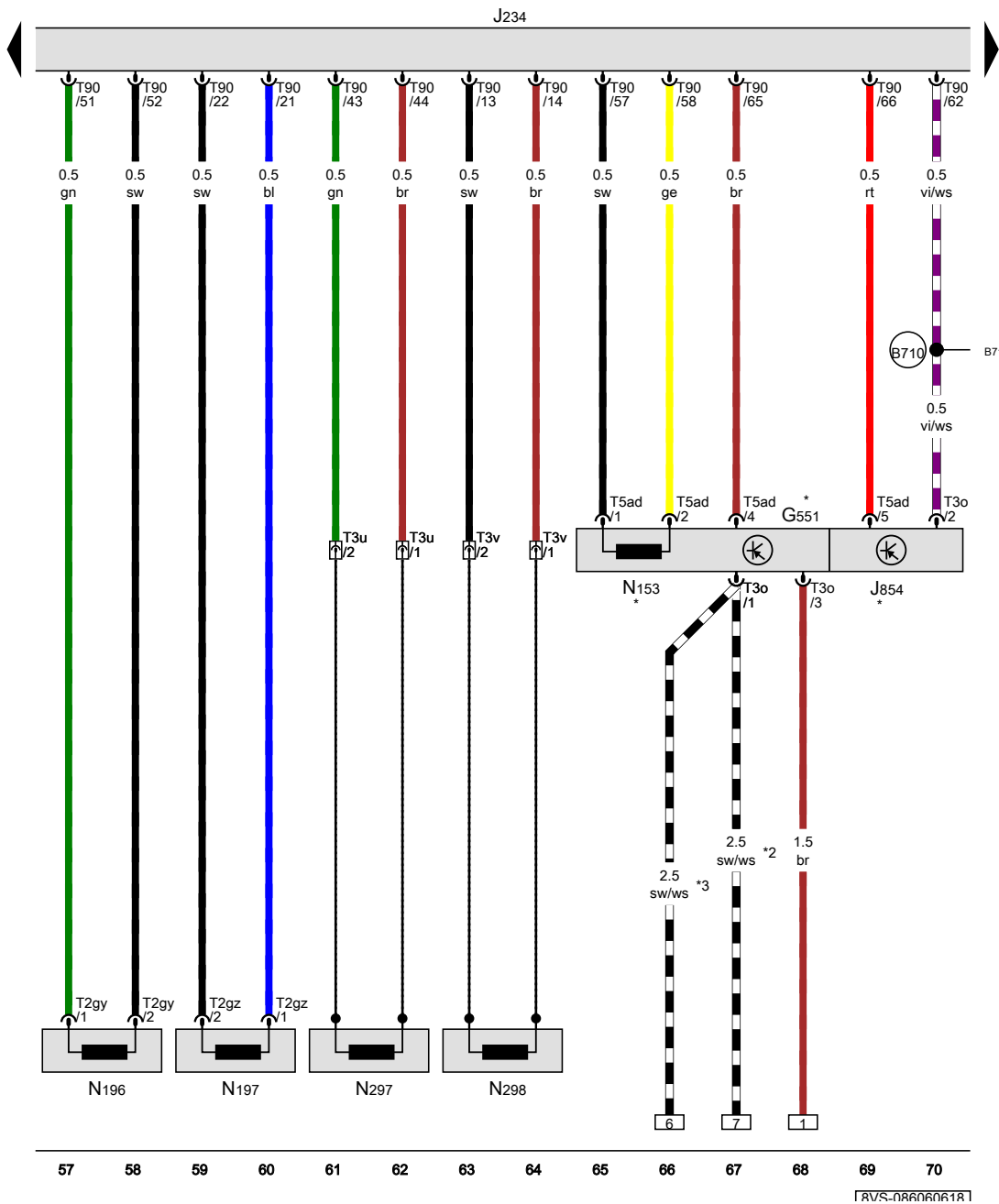


Airbag control unit, Side airbag igniter on driver side, Side airbag igniter on front passenger side, Driver side curtain airbag igniter, Front passenger side curtain airbag igniter, Driver side knee airbag igniter, Front passenger side knee airbag igniter

- J234 Airbag control unit
- N199 Side airbag igniter on driver side
- N200 Side airbag igniter on front passenger side
- N251 Driver side curtain airbag igniter
- N252 Front passenger side curtain airbag igniter
- N295 Driver side knee airbag igniter
- N296 Front passenger side knee airbag igniter
- T2gu 2-pin connector
- T2gv 2-pin connector
- T2gw 2-pin connector
- T2gx 2-pin connector
- T2hk 2-pin connector
- T2hl 2-pin connector
- T3g 3-pin connector
- T3h 3-pin connector
- T90 90-pin connector

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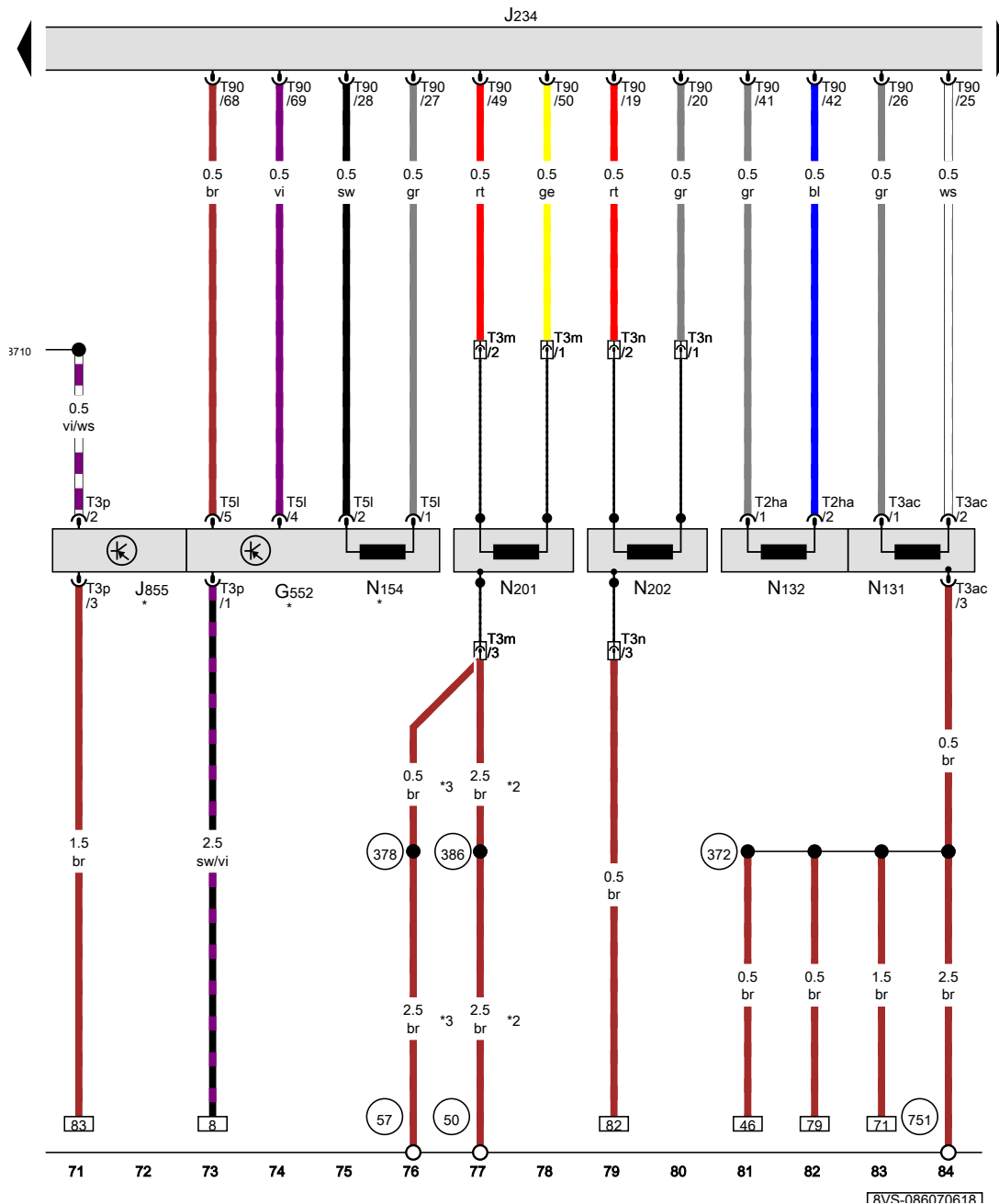
Airbag control unit, Control unit for front left belt tensioner, Driver seat belt tensioner igniter 1, Rear belt tensioner igniter on driver side, Rear belt tensioner igniter on passenger side, Igniter for driver side seat belt tensioner 2, Igniter for front passenger side seat belt tensioner 2

- G551 Driver side belt force limiter
- J234 Airbag control unit
- J854 Control unit for front left belt tensioner
- N153 Driver seat belt tensioner igniter 1
- N196 Rear belt tensioner igniter on driver side
- N197 Rear belt tensioner igniter on passenger side
- N297 Igniter for driver side seat belt tensioner 2
- N298 Igniter for front passenger side seat belt tensioner 2
- T2gy 2-pin connector
- T2gz 2-pin connector
- T3o 3-pin connector
- T3u 3-pin connector
- T3v 3-pin connector
- T5ad 5-pin connector
- T90 90-pin connector

B710 Connection 5 (LIN bus) in main wiring harness

- * According to equipment
- *2 Up to April 2017
- *3 From May 2017

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- li = purple
- vi = purple
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- or = orange
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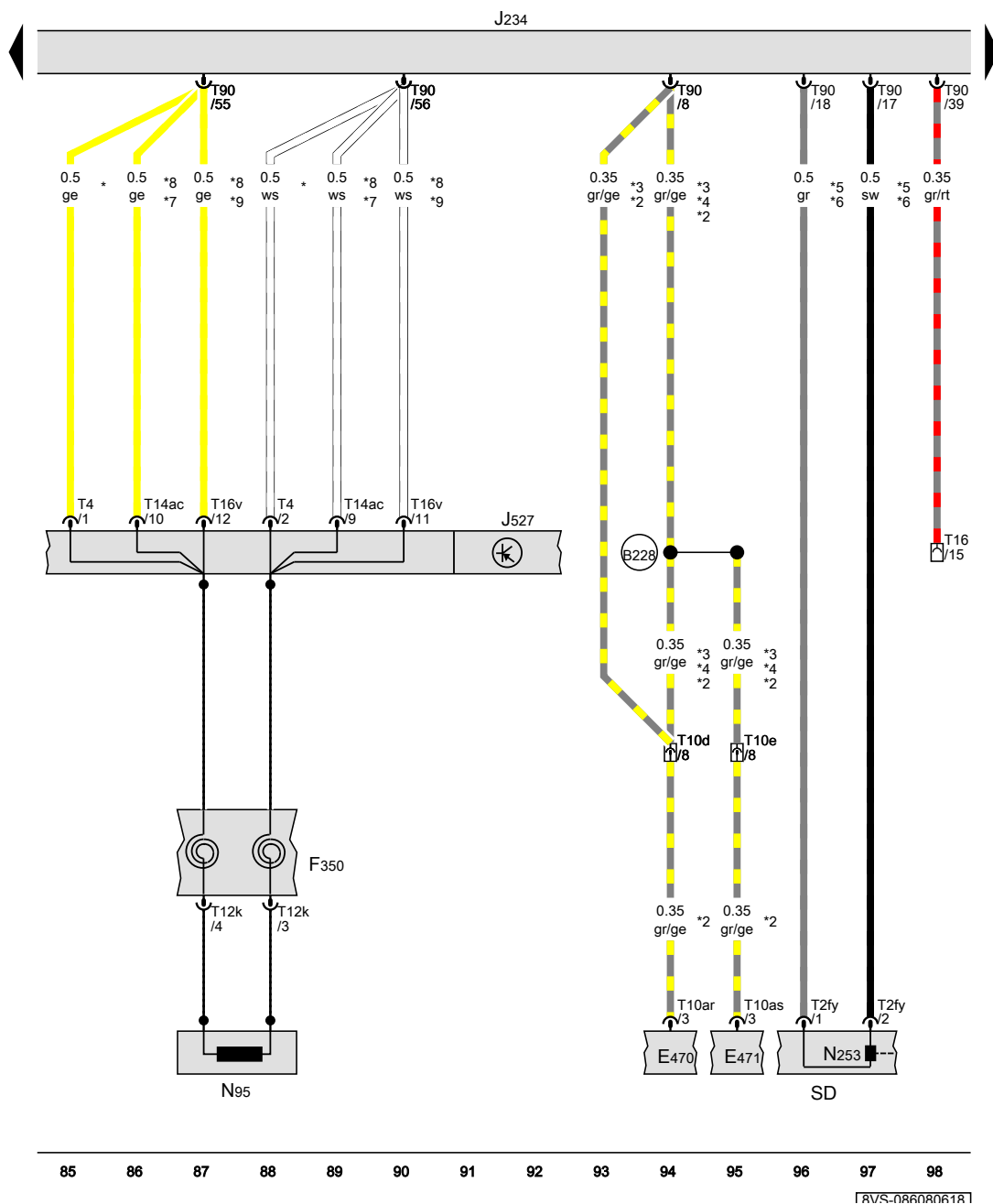


Airbag control unit, Control unit for front right belt tensioner, Airbag igniter 1 on front passenger side, Front passenger seat belt tensioner igniter 1, Rear side airbag igniter on driver side, Rear side airbag igniter on passenger side

- G552 Front passenger side belt force limiter
- J234 Airbag control unit
- J855 Control unit for front right belt tensioner
- N131 Airbag igniter 1 on front passenger side
- N132 Airbag igniter 2 on front passenger side
- N154 Front passenger seat belt tensioner igniter 1
- N201 Rear side airbag igniter on driver side
- N202 Rear side airbag igniter on passenger side
- T2ha 2-pin connector
- T3ac 3-pin connector
- T3m 3-pin connector
- T3n 3-pin connector
- T3p 3-pin connector
- T5l 5-pin connector
- T90 90-pin connector

- 50 Earth point, on left in luggage compartment
- 57 Earth point, rear left pillar
- 372 Earth connection 7, in main wiring harness
- 378 Earth connection 13, in main wiring harness
- 386 Earth connection 21, in main wiring harness
- 751 Earth point 2, on right A-pillar
- B710 Connection 5 (LIN bus) in main wiring harness

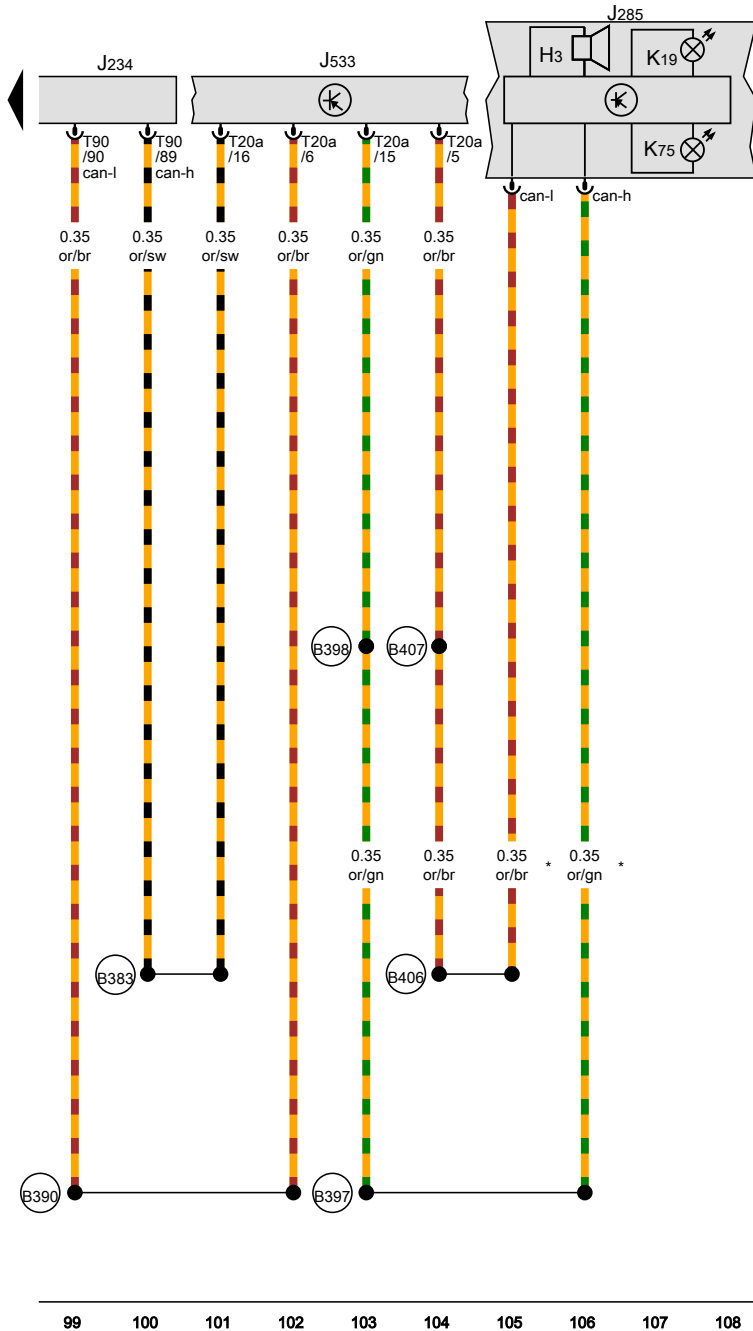
- * According to equipment
- *2 For models with 4 doors
- *3 For models with 5 doors



Airbag control unit, Steering column electronics control unit, Airbag igniter on driver side

- E470 Driver seat adjustment operating unit
- E471 Front passenger seat adjustment operating unit
- F350 Coil connector
- J234 Airbag control unit
- J527 Steering column electronics control unit
- N95 Airbag igniter on driver side
- N253 Battery isolation igniter
- SD Fuse holder D
- T2fy 2-pin connector
- T4 4-pin connector, yellow
- T10ar 10-pin connector
- T10as 10-pin connector
- T10d 10-pin connector, in coupling point for front seat, left
- T10e 10-pin connector, in coupling point for front seat, right
- T12k 12-pin connector
- T14ac 14-pin connector, black
- T16 16-pin connector
- T16v 16-pin connector, black
- T90 90-pin connector
- B228 Connection (crash signal), in interior wiring harness
- * Up to June 2018
- *2 According to equipment
- *3 For models with electric seat adjustment on driver side
- *4 For models with electric seat adjustment on passenger side
- *5 For RS 3 models
- *6 see applicable current flow diagram for battery
- *7 For models with heated steering wheel
- *8 From July 2018
- *9 For models with no heated steering wheel

ws = white
sw = black
ro = red
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Buzzer and gong, Airbag control unit, Control unit in dash panel insert, Data bus diagnostic interface, Seat belt warning system warning lamp, Airbag warning lamp

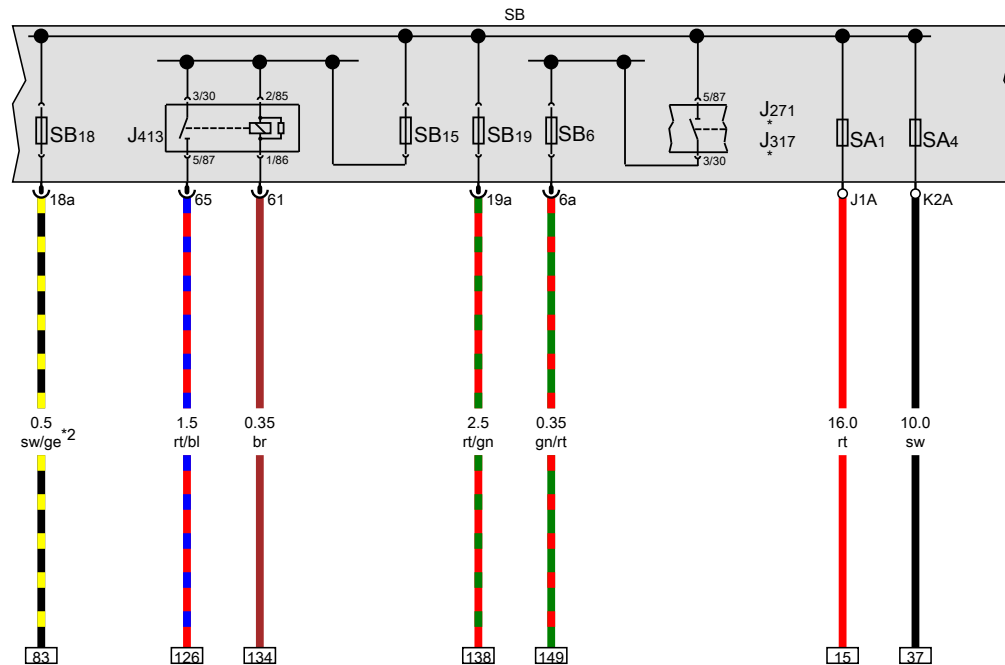
- H3 Buzzer and gong
- J234 Airbag control unit
- J285 Control unit in dash panel insert
- J533 Data bus diagnostic interface
- K19 Seat belt warning system warning lamp
- K75 Airbag warning lamp
- T20a 20-pin connector
- T90 90-pin connector

- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness
- * see applicable current flow diagram for dash panel insert

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Basic equipment (Canada, Mexico, USA) , (L0L),(5C1),(A8U)

From November 2013



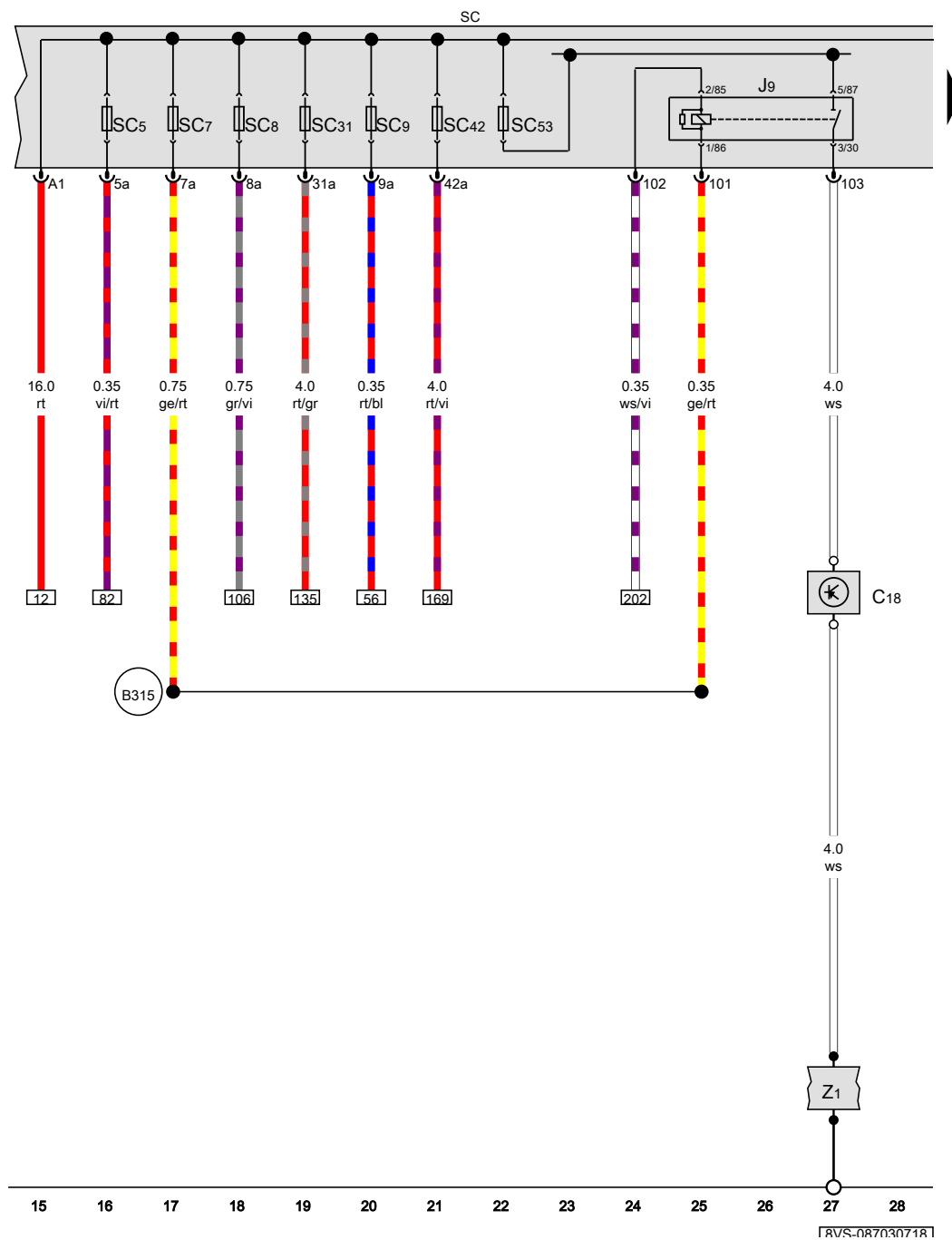
Main relay, Terminal 30 voltage supply relay, Horn relay

- J271 Main relay
- J317 Terminal 30 voltage supply relay
- J413 Horn relay
- SA1 Fuse 1 on fuse holder A
- SA4 Fuse 4 on fuse holder A
- SB Fuse holder B
- SB6 Fuse 6 on fuse holder B
- SB15 Fuse 15 on fuse holder B
- SB18 Fuse 18 on fuse holder B
- SB19 Fuse 19 on fuse holder B
- * According to equipment
- *2 For models with no start/stop system

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1 2 3 4 5 6 7 8 9 10 11 12 13 14

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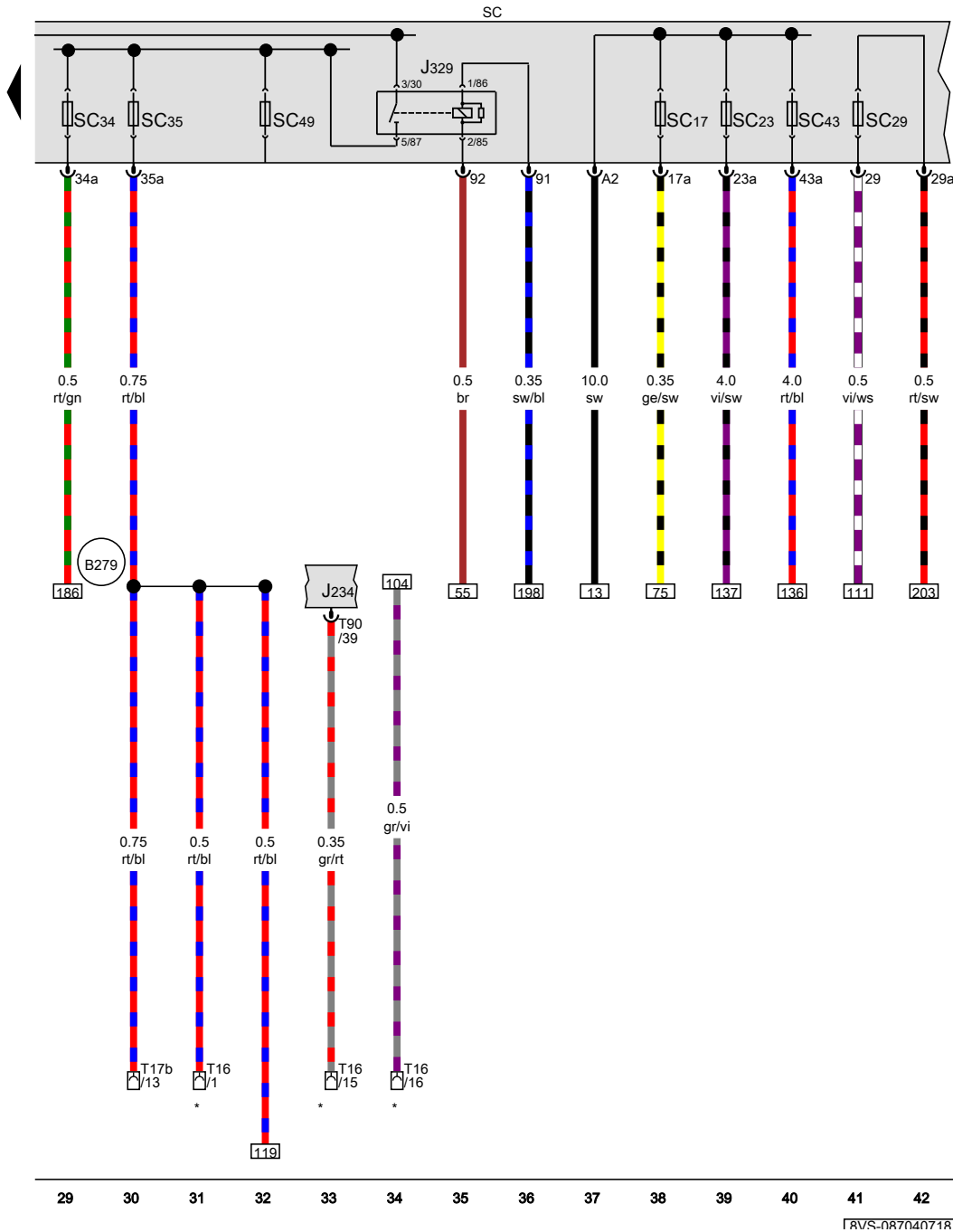


Heated rear window relay, Fuse holder C

- C18 Window aerial suppression filter
- J9 Heated rear window relay
- SC Fuse holder C
- SC5 Fuse 5 on fuse holder C
- SC7 Fuse 7 on fuse holder C
- SC8 Fuse 8 on fuse holder C
- SC9 Fuse 9 on fuse holder C
- SC31 Fuse 31 on fuse holder C
- SC42 Fuse 42 on fuse holder C
- SC53 Fuse 53 on fuse holder C
- Z1 Heated rear window

B315 Positive connection 1 (30a) in main wiring harness

- ws = white
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Terminal 15 voltage supply relay, Fuse holder C

- J234 Airbag control unit
- J329 Terminal 15 voltage supply relay
- SC Fuse holder C
- SC17 Fuse 17 on fuse holder C
- SC23 Fuse 23 on fuse holder C
- SC29 Fuse 29 on fuse holder C
- SC34 Fuse 34 on fuse holder C
- SC35 Fuse 35 on fuse holder C
- SC43 Fuse 43 on fuse holder C
- SC49 Fuse 49 on fuse holder C
- T16 16-pin connector
- T17b 17-pin connector
- T90 90-pin connector

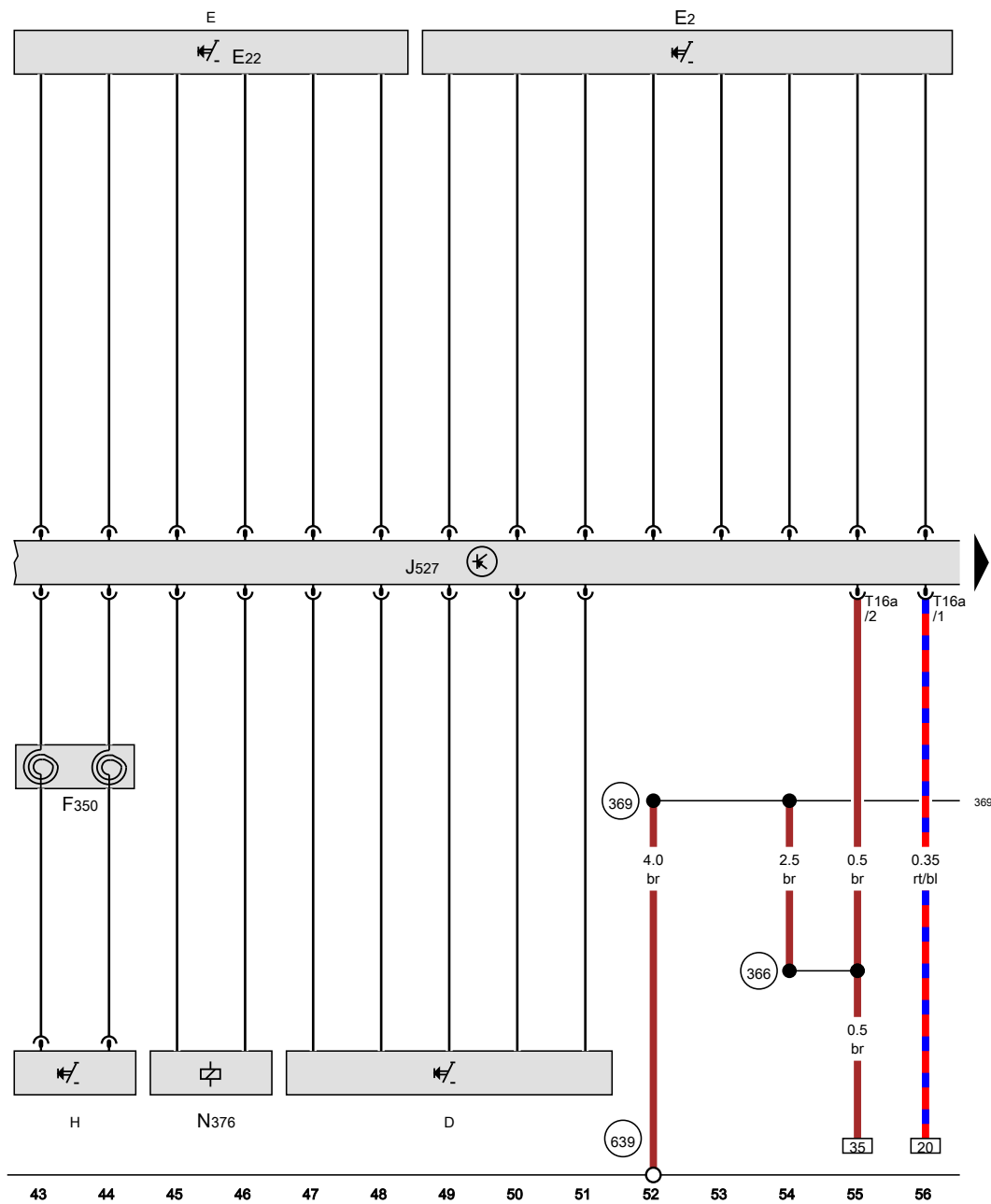
B279 Positive connection 3 (15a) in main wiring harness

* Diagnostic connection

Ignition/starter switch, Windscreen wiper switch, Turn signal switch, Horn plate, Steering column electronics control unit

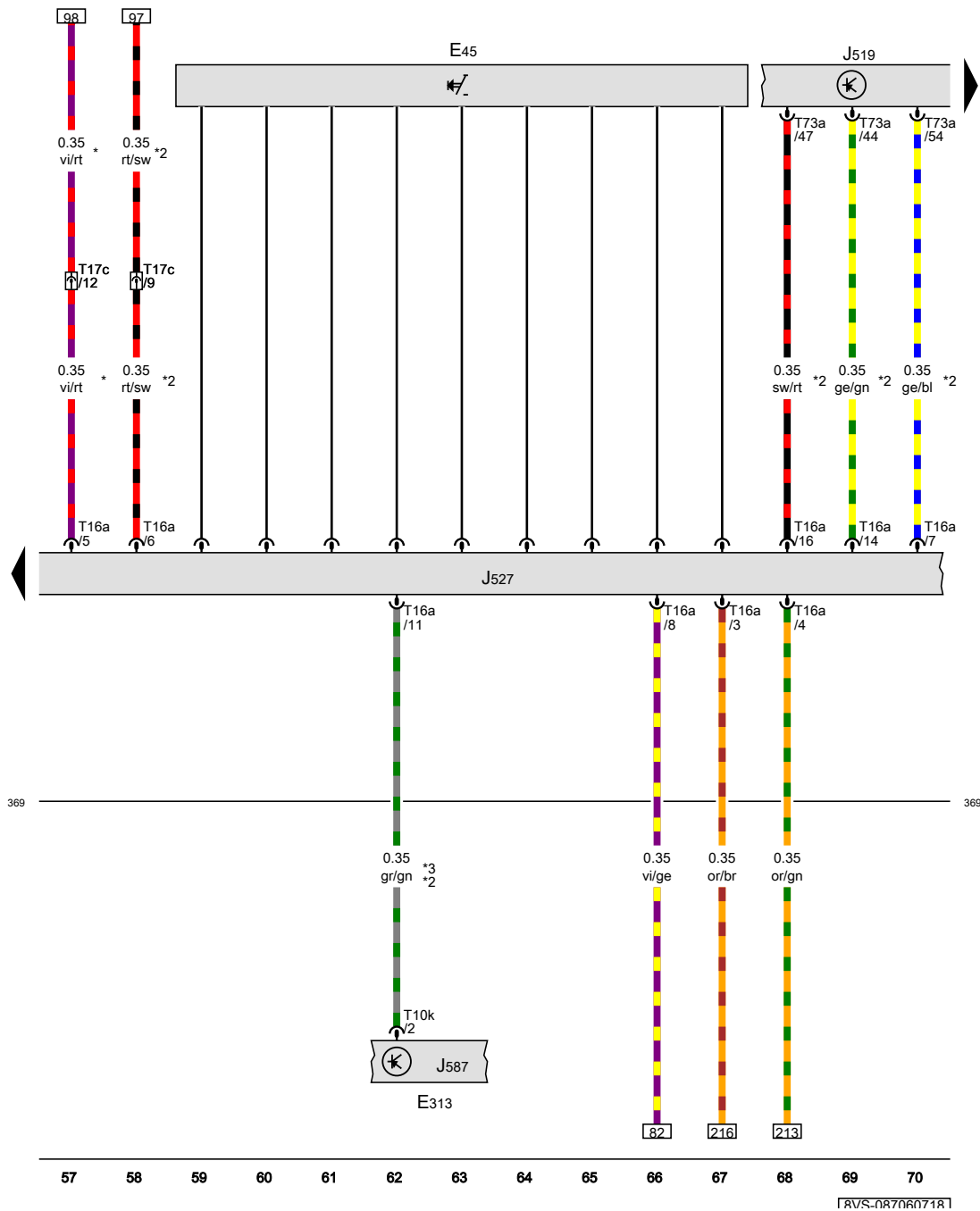
- D Ignition/starter switch
- E Windscreen wiper switch
- E2 Turn signal switch
- E22 Intermittent wiper switch
- F350 Coil connector
- H Horn plate
- J527 Steering column electronics control unit
- N376 Ignition key withdrawal lock solenoid
- T16a 16-pin connector

- 366 Earth connection 1, in main wiring harness
- 369 Earth connection 4, in main wiring harness
- 639 Earth point, left A-pillar



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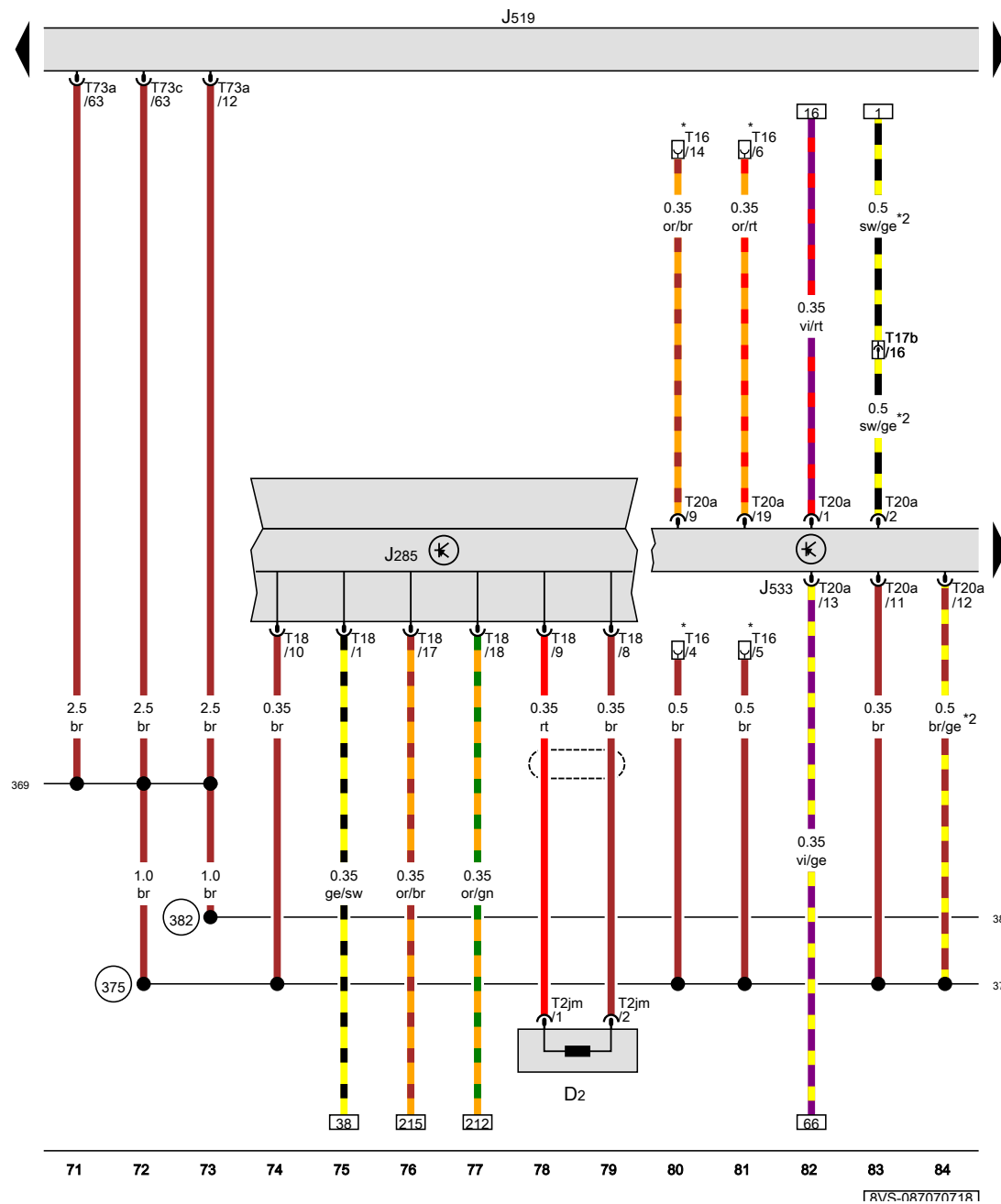


Cruise control system switch, Onboard supply control unit,
Steering column electronics control unit

- E45 Cruise control system switch
- E313 Selector lever
- J519 Onboard supply control unit
- J527 Steering column electronics control unit
- J587 Selector lever sensors control unit
- T10k 10-pin connector
- T16a 16-pin connector
- T17c 17-pin connector
- T73a 73-pin connector

369 Earth connection 4, in main wiring harness

- * For models with cruise control system (CCS)
- *2 For models with no entry and start authorisation
- *3 see applicable current flow diagram for automatic gearbox

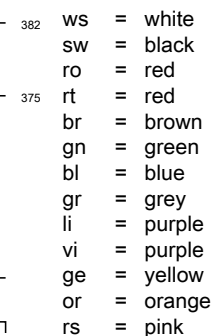


Control unit in dash panel insert, Onboard supply control unit, Data bus diagnostic interface

- D2 Immobiliser reader coil
- J285 Control unit in dash panel insert
- J519 Onboard supply control unit
- J533 Data bus diagnostic interface
- T2jm 2-pin connector
- T16 16-pin connector
- T17b 17-pin connector
- T18 18-pin connector
- T20a 20-pin connector
- T73a 73-pin connector
- T73c 73-pin connector

- 369 Earth connection 4, in main wiring harness
- 375 Earth connection 10, in main wiring harness
- 382 Earth connection 17, in main wiring harness

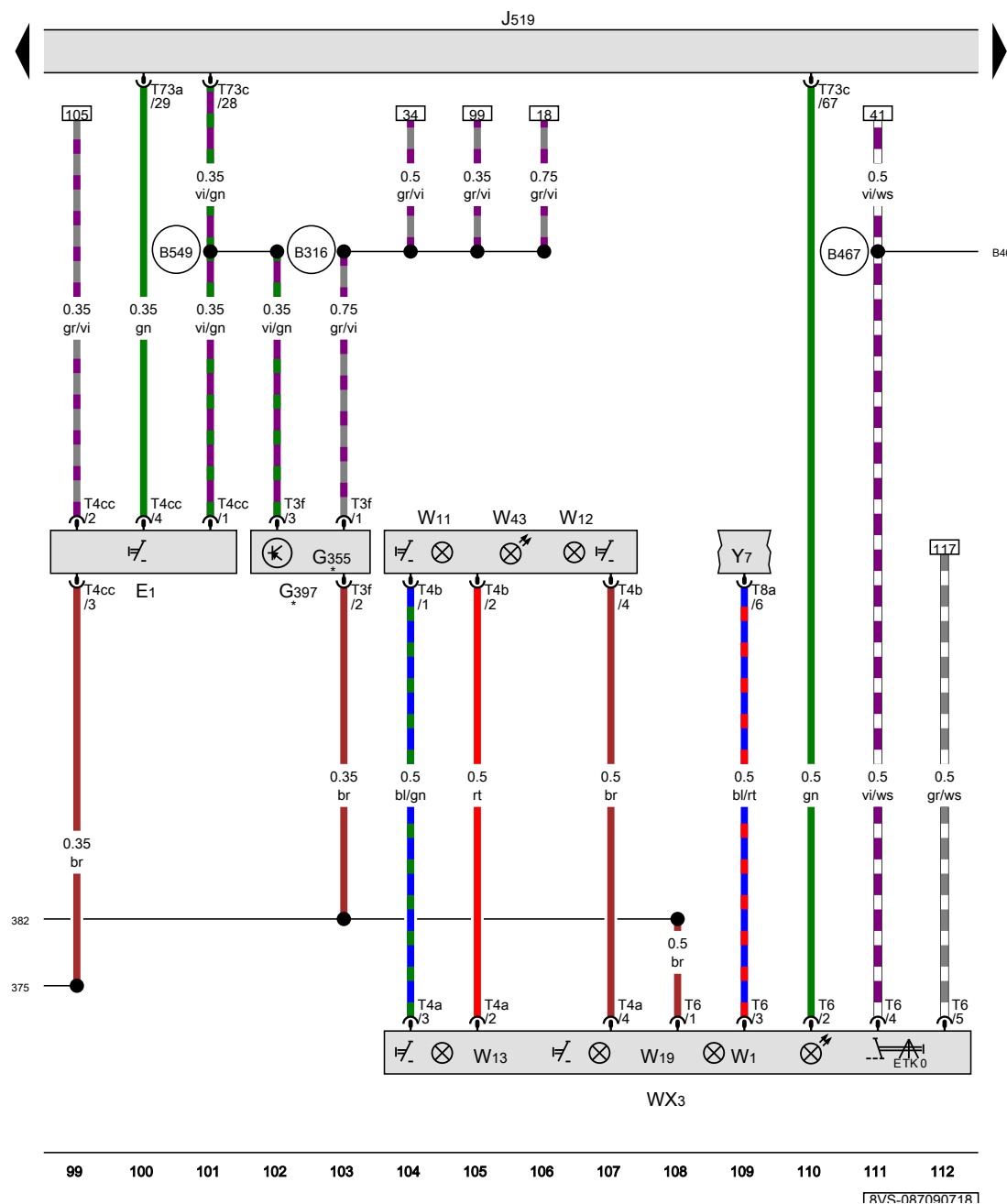
- * Diagnostic connection
- *2 For models with no start/stop system



J519 Onboard supply control unit
J533 Data bus diagnostic interface
J623 Engine/motor control unit
T20a 20-pin connector
T73a 73-pin connector

375	Earth connection 10, in main wiring harness
382	Earth connection 17, in main wiring harness
B108	Connection 1 (CAN bus extended high), in main wiring harness
B109	Connection 1 (CAN bus extended low), in main wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B415	Connection 1 (infotainment CAN bus, high), in main wiring harness
B421	Connection 1 (infotainment CAN bus, low), in main wiring harness
B466	Connection 2, in main wiring harness
B528	Connection 1 (LIN bus) in main wiring harness
B673	Connection 2 (running gear/dash panel insert CAN bus, high), in main wiring harness
B677	Connection 2 (running gear/dash panel insert CAN bus, low), in main wiring harness

* see applicable current flow diagram for engine
*2 For models with cruise control system (CCS)
*3 For models with no entry and start authorisation

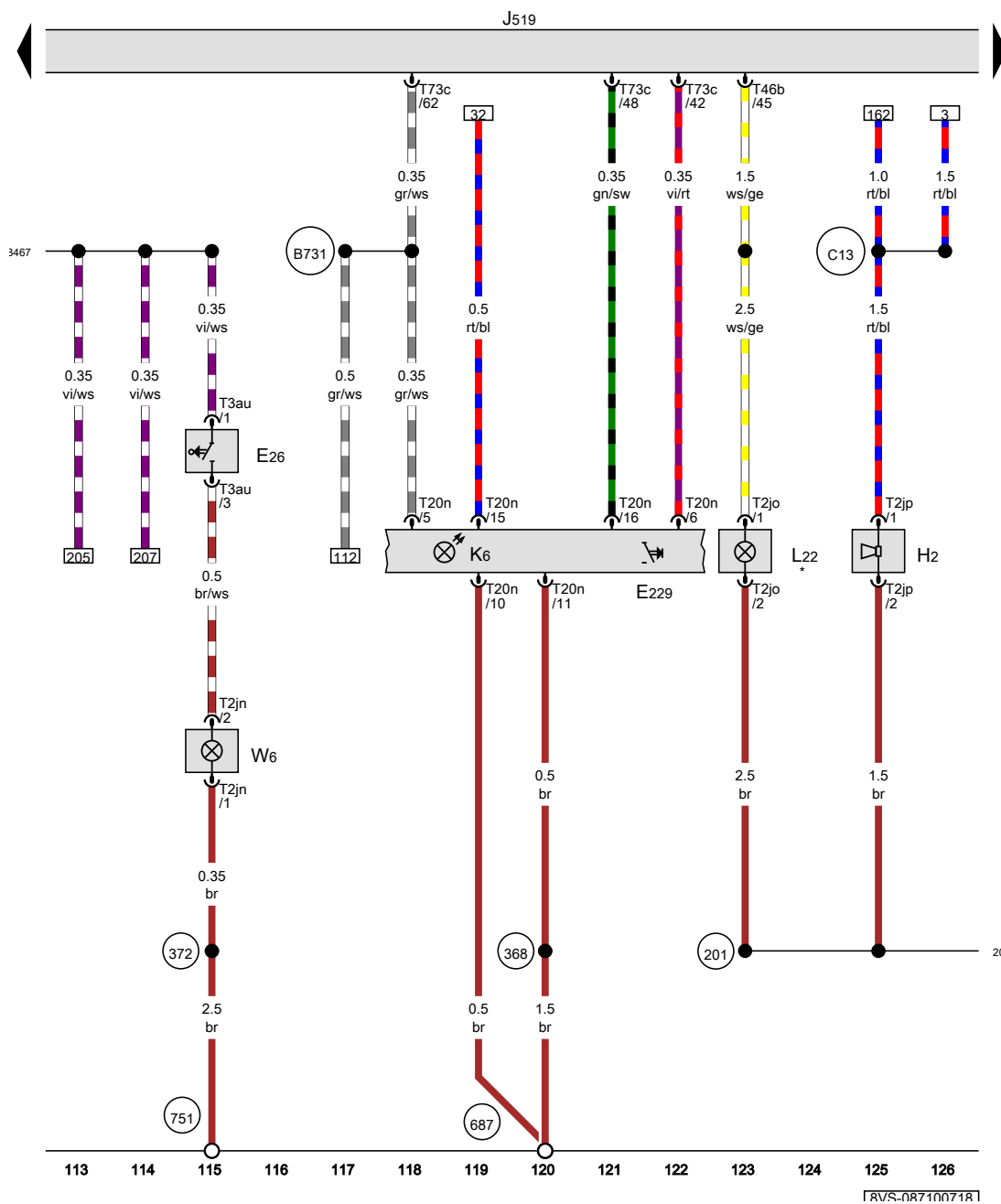


Light switch, Rain and light sensor, Onboard supply control unit, Front roof module, Rear interior light

- E1 Light switch
- G355 Humidity sender
- G397 Rain and light sensor
- J519 Onboard supply control unit
- T3f 3-pin connector
- T4a 4-pin connector
- T4b 4-pin connector
- T4cc 4-pin connector
- T6 6-pin connector
- T8a 8-pin connector
- T73a 73-pin connector
- T73c 73-pin connector
- W1 Front interior light
- WX3 Front roof module
- W11 Rear left reading light
- W12 Rear right reading light
- W13 Front passenger reading light
- W19 Driver side reading light
- W43 Rear interior light
- Y7 Automatic anti-dazzle interior mirror

- 375 Earth connection 10, in main wiring harness
- 382 Earth connection 17, in main wiring harness
- B316 Positive connection 2 (30a) in main wiring harness
- B467 Connection 3, in main wiring harness
- B549 Connection 2 (LIN bus) in main wiring harness

* According to equipment

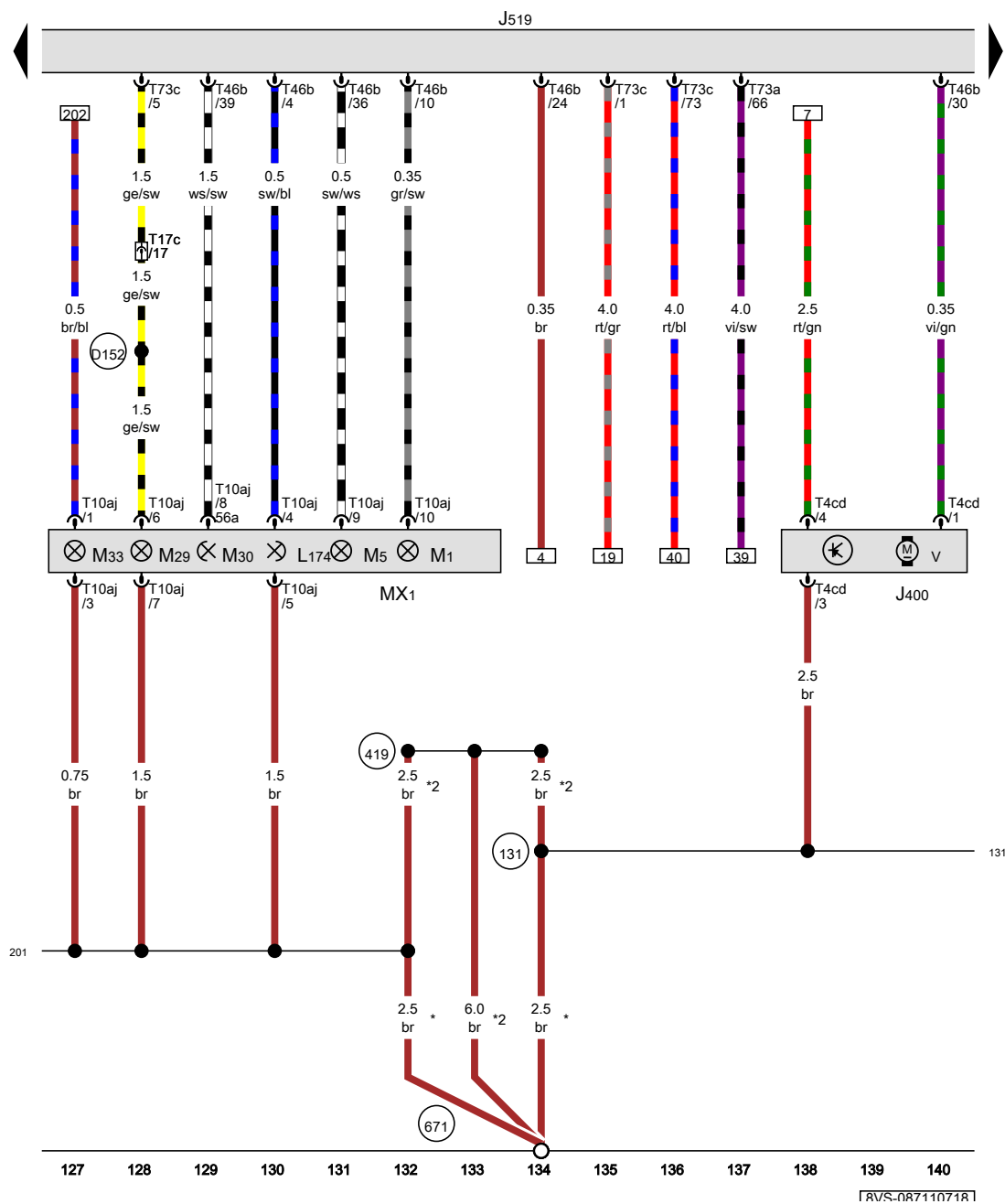


Glove compartment light switch, Hazard warning lights button, Treble horn, Onboard supply control unit, Left fog light bulb, Glove compartment light

- E26 Glove compartment light switch
- E229 Hazard warning lights button
- H2 Treble horn
- J519 Onboard supply control unit
- K6 Indicator lamp for hazard warning light
- L22 Left fog light bulb
- T2jn 2-pin connector
- T2jo 2-pin connector
- T2jp 2-pin connector
- T3au 3-pin connector
- T20n 20-pin connector
- T46b 46-pin connector
- T73c 73-pin connector
- W6 Glove compartment light

- 201 Earth connection 5, in engine compartment wiring harness
- 368 Earth connection 3, in main wiring harness
- 372 Earth connection 7, in main wiring harness
- 687 Earth point 1, on centre tunnel
- 751 Earth point 2, on right A-pillar
- B467 Connection 3, in main wiring harness
- B731 Connection 1 (58s), in main wiring harness
- C13 Positive connection in dual tone horn wiring harness

* For models with fog lights

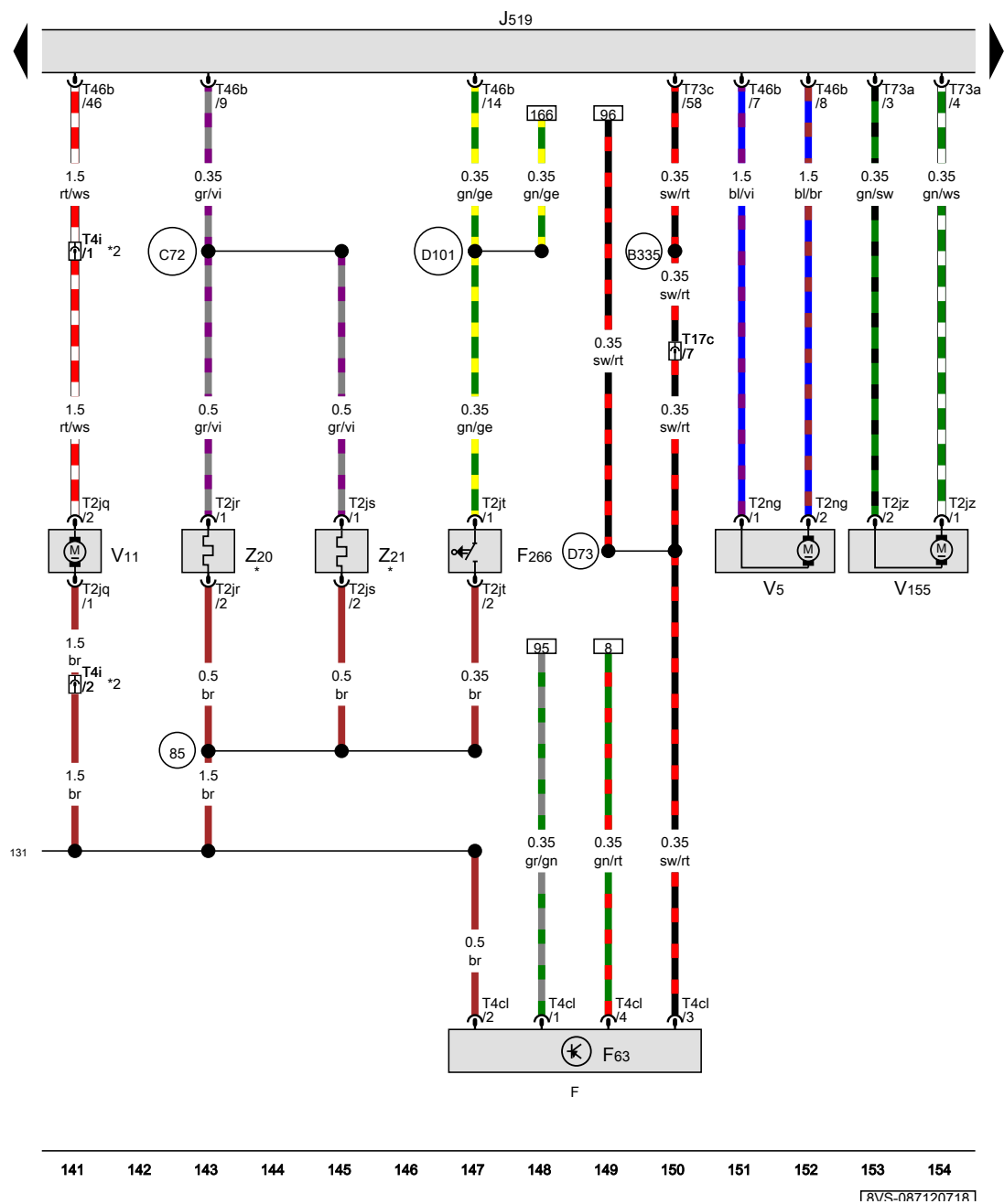


Wiper motor control unit, Onboard supply control unit, Left daytime running light bulb, Front left headlight, Left side light bulb, Front left turn signal bulb, Left headlight dipped beam bulb, Left headlight main beam bulb, Front left side marker bulb, Windscreen wiper motor

- J400 Wiper motor control unit
- J519 Onboard supply control unit
- L174 Left daytime running light bulb
- MX1 Front left headlight
- M1 Left side light bulb
- M5 Front left turn signal bulb
- M29 Left headlight dipped beam bulb
- M30 Left headlight main beam bulb
- M33 Front left side marker bulb
- T4cd 4-pin connector
- T10aj 10-pin connector
- T17c 17-pin connector
- T46b 46-pin connector
- T73a 73-pin connector
- T73c 73-pin connector
- V Windscreen wiper motor

- 131 Earth connection 2, in engine compartment wiring harness
- 201 Earth connection 5, in engine compartment wiring harness
- 419 Earth connection 11, in engine compartment wiring harness
- 671 Earth point 1, on front of left longitudinal member
- D152 Positive connection 1 (56b), in engine compartment wiring harness
- * Gradually discontinued
- *2 gradual introduction

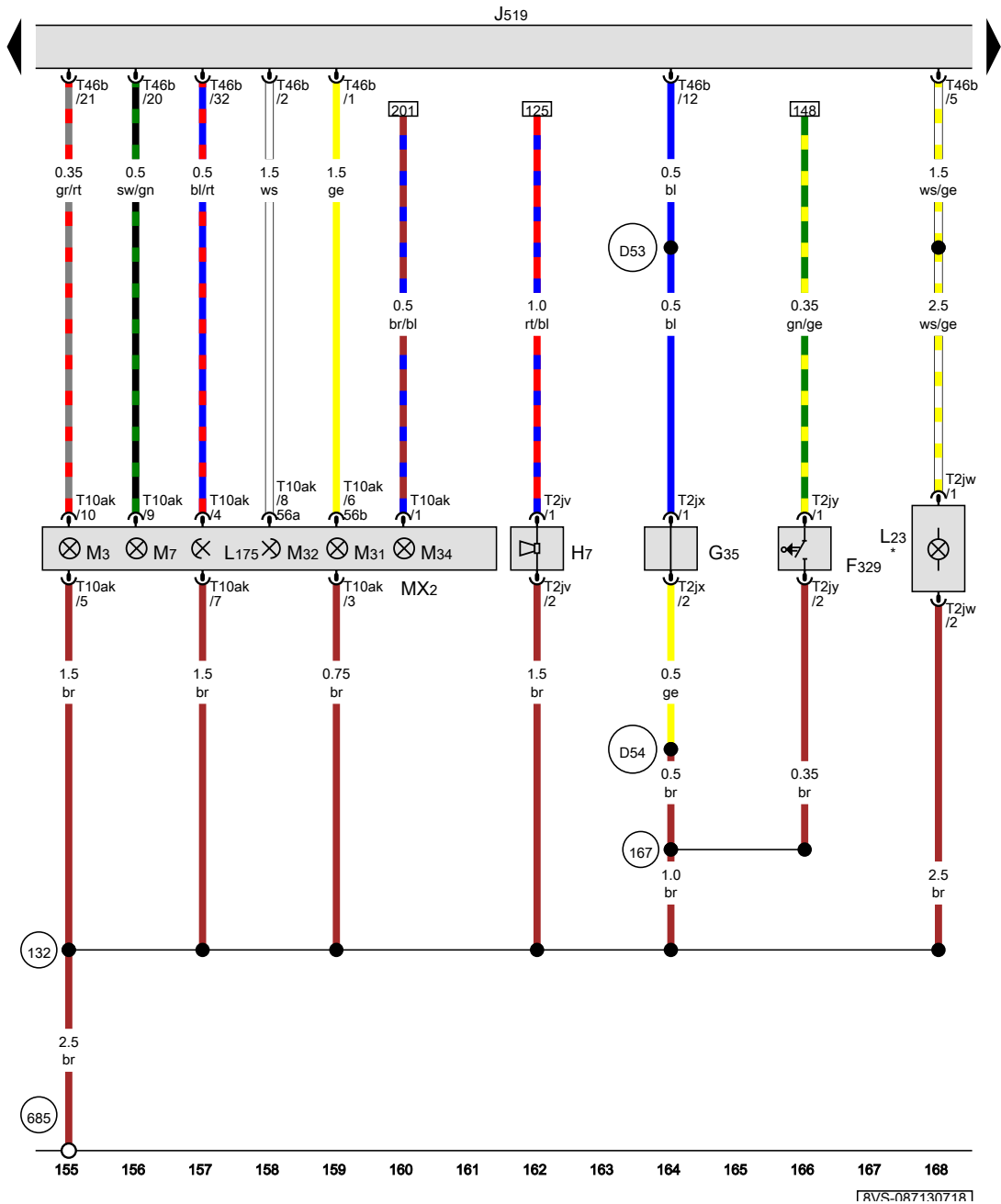
ws = white
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 gr = grey
 li = purple
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Brake light switch, Bonnet contact switch, Onboard supply control unit, Washer pump, Headlight washer system pump, Tank filler flap locking motor, Left washer jet heater element, Right washer jet heater element

- F Brake light switch
- F63 Brake pedal switch
- F266 Bonnet contact switch
- J519 Onboard supply control unit
- T2jq 2-pin connector
- T2jr 2-pin connector
- T2js 2-pin connector
- T2jt 2-pin connector
- T2jz 2-pin connector
- T2ng 2-pin connector
- T4cl 4-pin connector
- T4i 4-pin connector
- T17c 17-pin connector
- T46b 46-pin connector
- T73a 73-pin connector
- T73c 73-pin connector
- V5 Washer pump
- V11 Headlight washer system pump
- V155 Tank filler flap locking motor
- Z20 Left washer jet heater element
- Z21 Right washer jet heater element
- 85 Earth connection 1, in engine compartment wiring harness
- 131 Earth connection 2, in engine compartment wiring harness
- B335 Connection 1 (54), in main wiring harness
- C72 Positive connection in heated washer jet wiring harness
- D73 Positive connection (54), in engine compartment wiring harness
- D101 Connection 1 in engine compartment wiring harness
- * For models with heater element for washer jets
- *2 According to equipment

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gn = green
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Bonnet contact switch 2, Front right brake pad wear sender, Bass horn, Onboard supply control unit, Right fog light bulb, Right daytime running light bulb, Front right headlight, Right side light bulb, Front right turn signal bulb, Right headlight dipped beam bulb, Right headlight main beam bulb, Front right side marker bulb

- F329 Bonnet contact switch 2
- G35 Front right brake pad wear sender
- H7 Bass horn
- J519 Onboard supply control unit
- L23 Right fog light bulb
- L175 Right daytime running light bulb
- MX2 Front right headlight
- M3 Right side light bulb
- M7 Front right turn signal bulb
- M31 Right headlight dipped beam bulb
- M32 Right headlight main beam bulb
- M34 Front right side marker bulb
- T2jv 2-pin connector
- T2jw 2-pin connector
- T2jx 2-pin connector
- T2jy 2-pin connector
- T10ak 10-pin connector
- T46b 46-pin connector

132 Earth connection 3, in engine compartment wiring harness

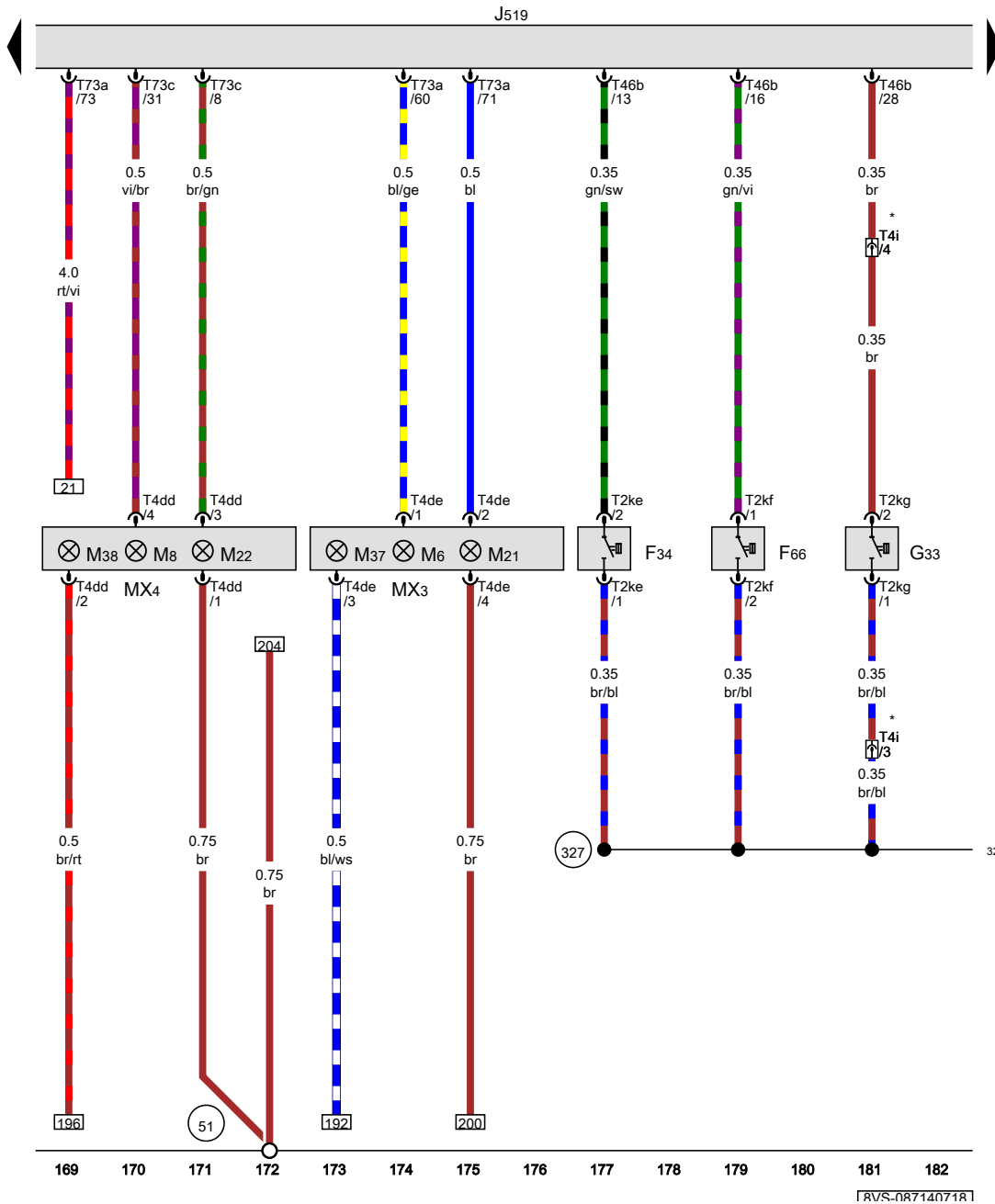
167 Earth connection 4, in engine compartment wiring harness

685 Earth point 1, on front of right longitudinal member

D53 Connection (right brake wear indicator), in engine compartment wiring harness

D54 Connection (right brake wear indicator), in engine compartment wiring harness

* For models with fog lights



Brake fluid level warning contact, Coolant shortage indicator switch, Windscreen washer fluid level sender, Onboard supply control unit, Rear left turn signal bulb, Rear right turn signal bulb, Left brake and tail light bulb, Right brake and tail light bulb, Rear left side marker bulb, Rear right side marker bulb

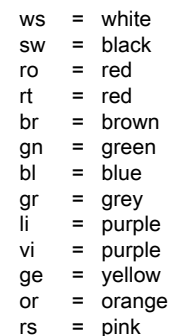
- F34 Brake fluid level warning contact
- F66 Coolant shortage indicator switch
- G33 Windscreen washer fluid level sender
- J519 Onboard supply control unit
- MX3 Left tail light
- MX4 Right tail light
- M6 Rear left turn signal bulb
- M8 Rear right turn signal bulb
- M21 Left brake and tail light bulb
- M22 Right brake and tail light bulb
- M37 Rear left side marker bulb
- M38 Rear right side marker bulb
- T2ke 2-pin connector
- T2kf 2-pin connector
- T2kg 2-pin connector
- T4dd 4-pin connector
- T4de 4-pin connector
- T4i 4-pin connector
- T46b 46-pin connector
- T73a 73-pin connector
- T73c 73-pin connector

51 Earth point, on right in luggage compartment

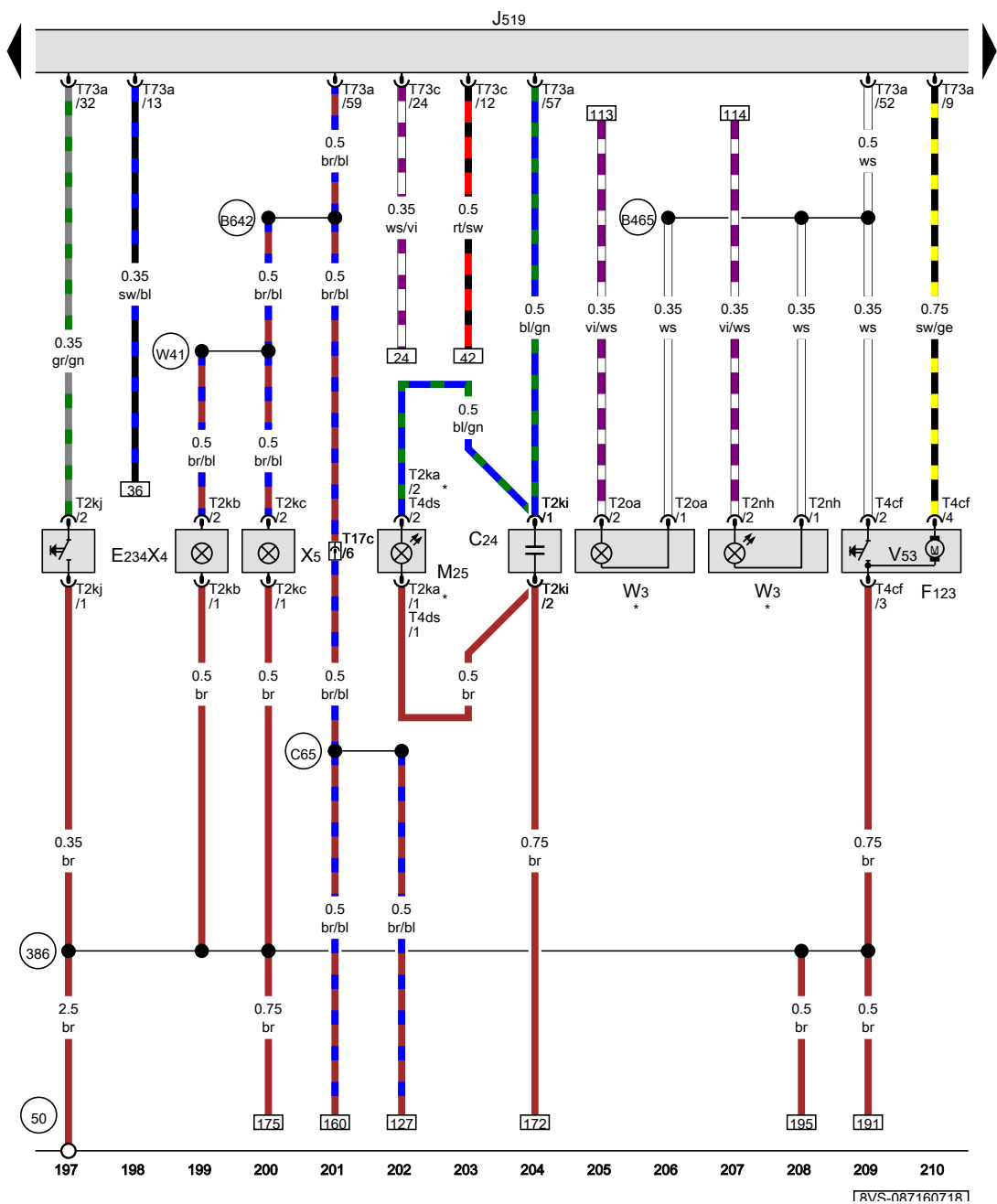
327 Earth connection (sender earth), in engine compartment wiring harness

* According to equipment

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

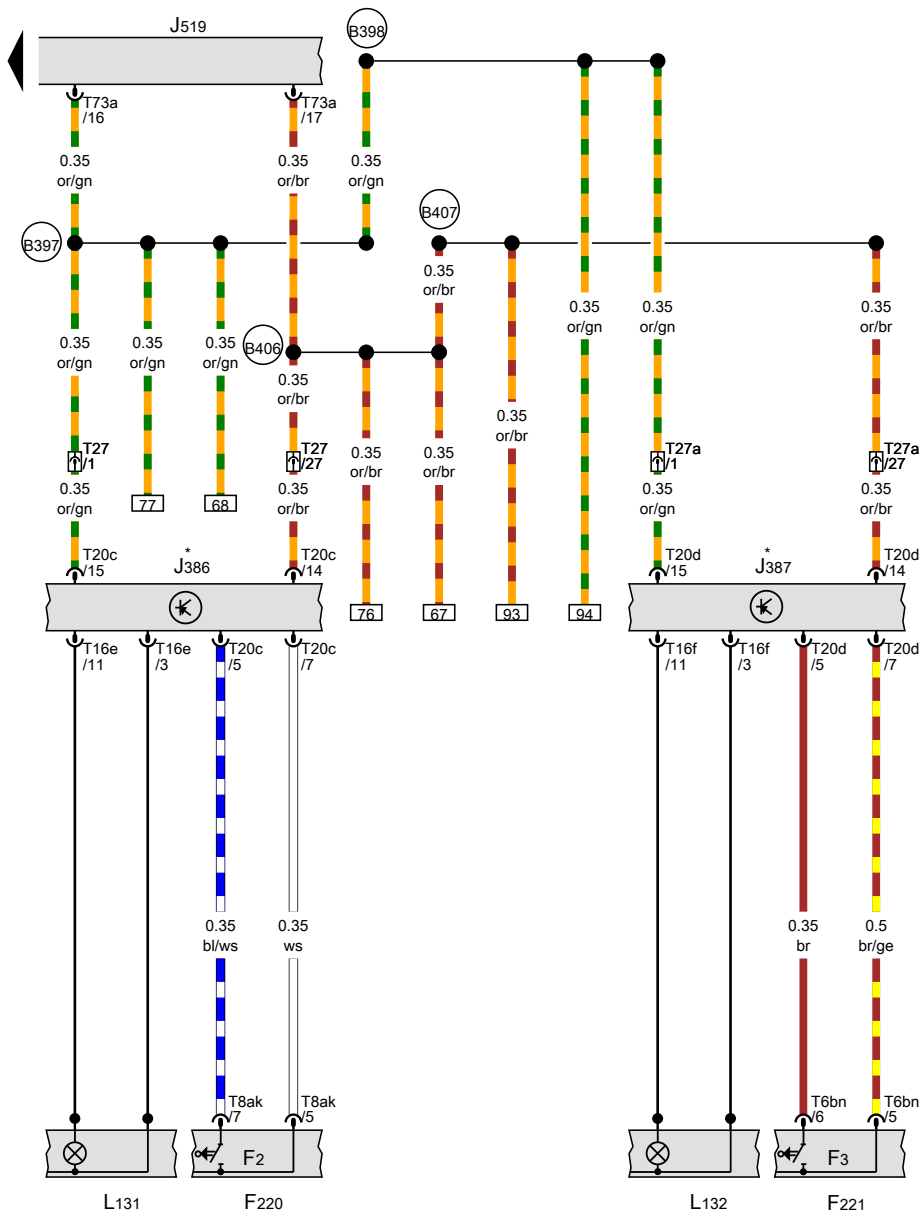


* According to equipment
*2 For models with manual gearbox



Rear lid handle release button, Rear lid contact switch for anti-theft alarm, Onboard supply control unit, High-level brake light bulb, Rear lid central locking motor

- C24 Suppression filter
- E234 Rear lid handle release button
- F123 Rear lid contact switch for anti-theft alarm
- J519 Onboard supply control unit
- M25 High-level brake light bulb
- T2ka 2-pin connector
- T2kb 2-pin connector
- T2kc 2-pin connector
- T2ki 2-pin connector
- T2kj 2-pin connector
- T2nh 2-pin connector
- T2oa 2-pin connector
- T4cf 4-pin connector
- T17c 17-pin connector
- T73a 73-pin connector
- T73c 73-pin connector
- V53 Rear lid central locking motor
- W3 Luggage compartment light
- X4 Left number plate light
- X5 Right number plate light
- 50 Earth point, on left in luggage compartment
- 386 Earth connection 21, in main wiring harness
- B465 Connection 1, in main wiring harness
- B642 Positive connection (58), in main wiring harness
- C65 Positive connection 1, in side marker light wiring harness
- W41 Positive connection (58), in number plate lights wiring harness
- * According to equipment



Driver side central locking lock unit, Front passenger side central locking lock unit, Driver door control unit, Front passenger door control unit, Onboard supply control unit, Driver side turn signal repeater bulb, Front passenger side turn signal repeater bulb

- F2 Driver door contact switch
- F3 Front passenger door contact switch
- F220 Driver side central locking lock unit
- F221 Front passenger side central locking lock unit
- J386 Driver door control unit
- J387 Front passenger door control unit
- J519 Onboard supply control unit
- L131 Driver side turn signal repeater bulb
- L132 Front passenger side turn signal repeater bulb
- T6bn 6-pin connector
- T8ak 8-pin connector
- T16e 16-pin connector
- T16f 16-pin connector
- T20c 20-pin connector
- T20d 20-pin connector
- T27 27-pin connector, on left A-pillar
- T27a 27-pin connector, in right A-pillar, on right A-pillar
- T73a 73-pin connector

B397 Connection 1 (convenience CAN bus, high), in main wiring harness

B398 Connection 2 (convenience CAN bus, high), in main wiring harness

B406 Connection 1 (convenience CAN bus, low), in main wiring harness

B407 Connection 2 (convenience CAN bus, low), in main wiring harness

* see applicable current flow diagram for convenience system

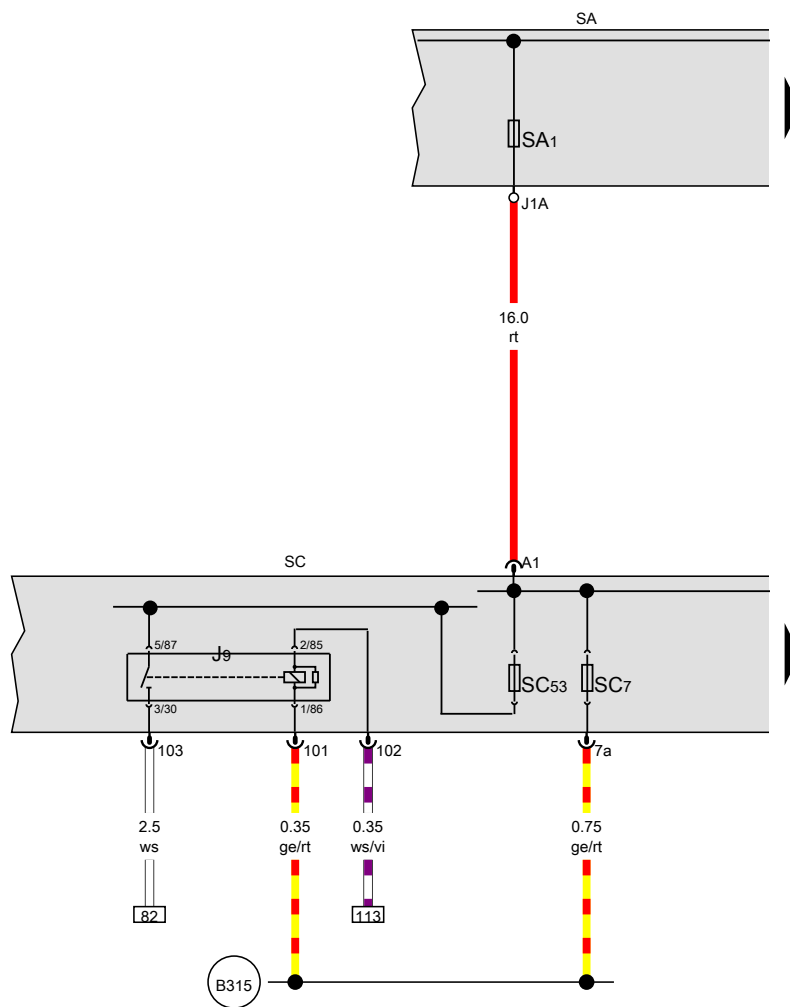
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

211 212 213 214 215 216 217 218 219 220 221 222 223 224

18V5-0871707181

Power operated convertible roof

From November 2013

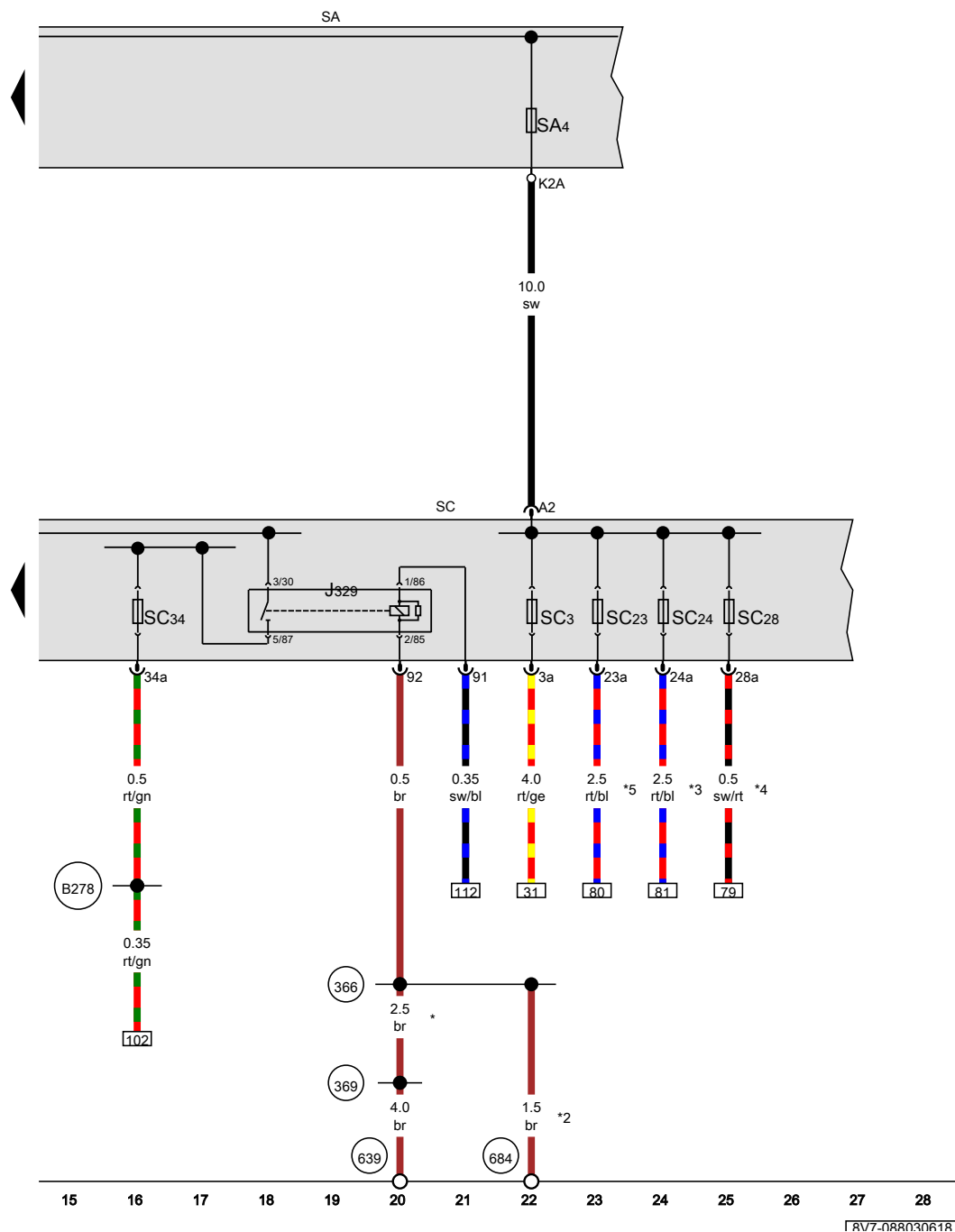


Heated rear window relay, Fuse 1 on fuse holder A, Fuse holder C

- J9 Heated rear window relay
- SA Fuse holder A
- SA1 Fuse 1 on fuse holder A
- SC Fuse holder C
- SC7 Fuse 7 on fuse holder C
- SC53 Fuse 53 on fuse holder C

B315 Positive connection 1 (30a) in main wiring harness

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



Terminal 15 voltage supply relay, Fuse 4 on fuse holder A, Fuse holder C

- J329 Terminal 15 voltage supply relay
- SA Fuse holder A
- SA4 Fuse 4 on fuse holder A
- SC Fuse holder C
- SC3 Fuse 3 on fuse holder C
- SC23 Fuse 23 on fuse holder C
- SC24 Fuse 24 on fuse holder C
- SC28 Fuse 28 on fuse holder C
- SC34 Fuse 34 on fuse holder C

- 366 Earth connection 1, in main wiring harness
- 369 Earth connection 4, in main wiring harness
- 639 Earth point, left A-pillar
- 684 Earth point on front of left side member
- B278 Positive connection 2 (15a) in main wiring harness

- * For left-hand drive models
- *2 For right-hand drive models
- *3 Up to April 2017
- *4 Cross section depends on equipment
- *5 From May 2017

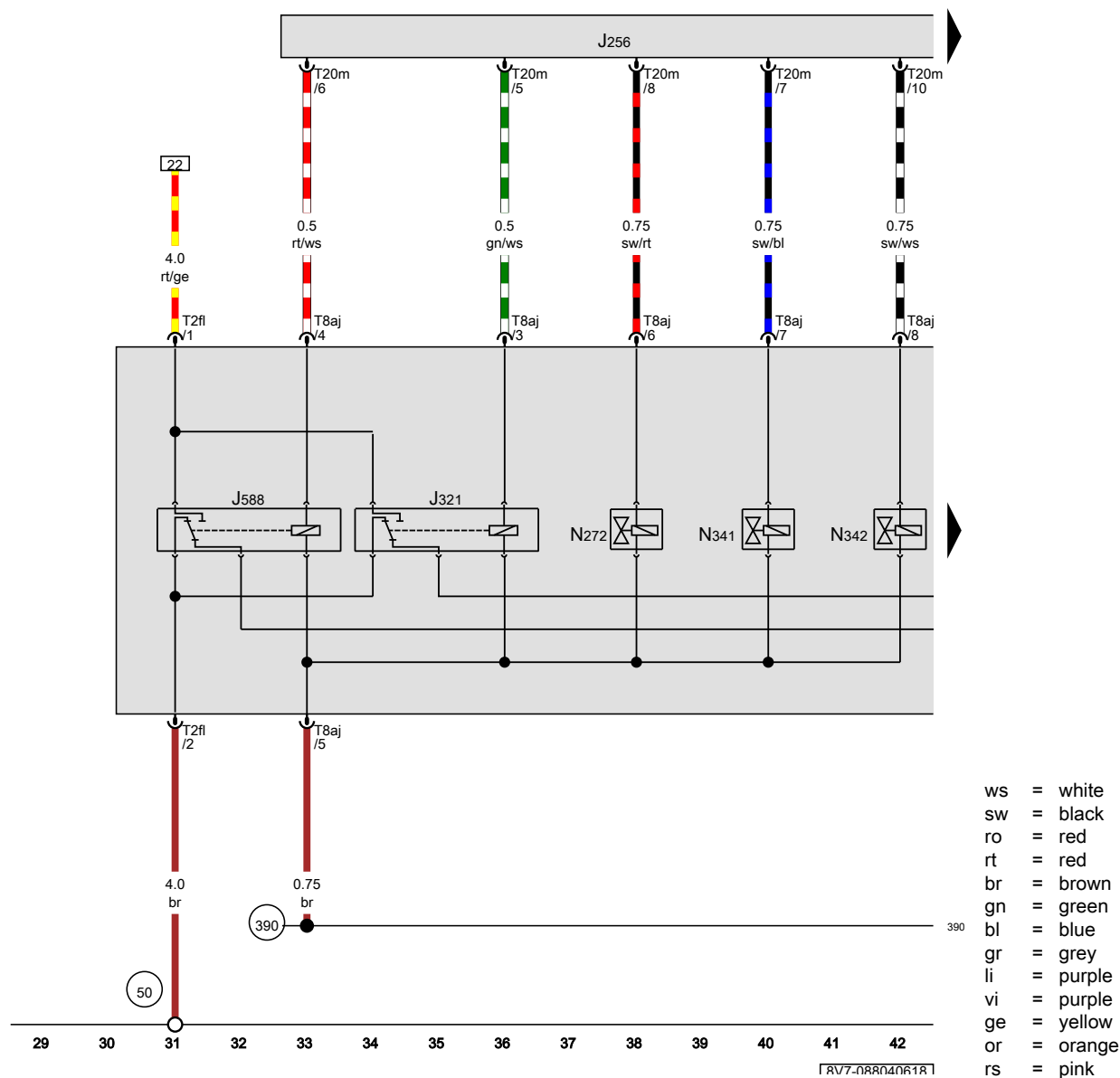
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
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Convertible roof actuation control unit

- J256 Convertible roof actuation control unit
- J321 Convertible roof actuation hydraulic pump relay
- J588 Hydraulic pump relay 2 for convertible roof
- N272 Power operated convertible roof valve 1
- N341 Power operated convertible roof valve 2
- N342 Power operated convertible roof valve 3
- T2fl 2-pin connector
- T8aj 8-pin connector
- T20m 20-pin connector

50 Earth point, on left in luggage compartment

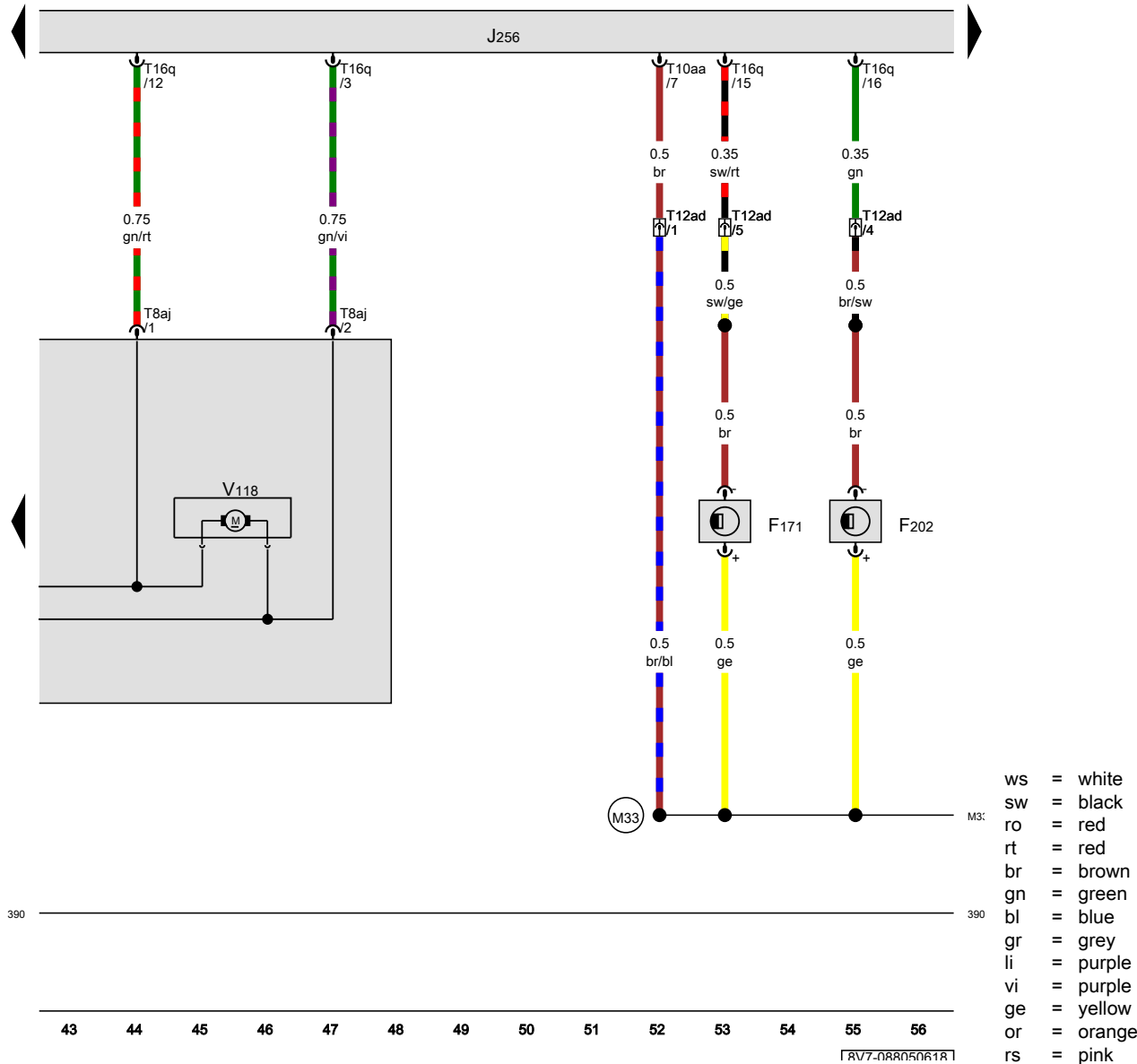
390 Earth connection 25, in main wiring harness



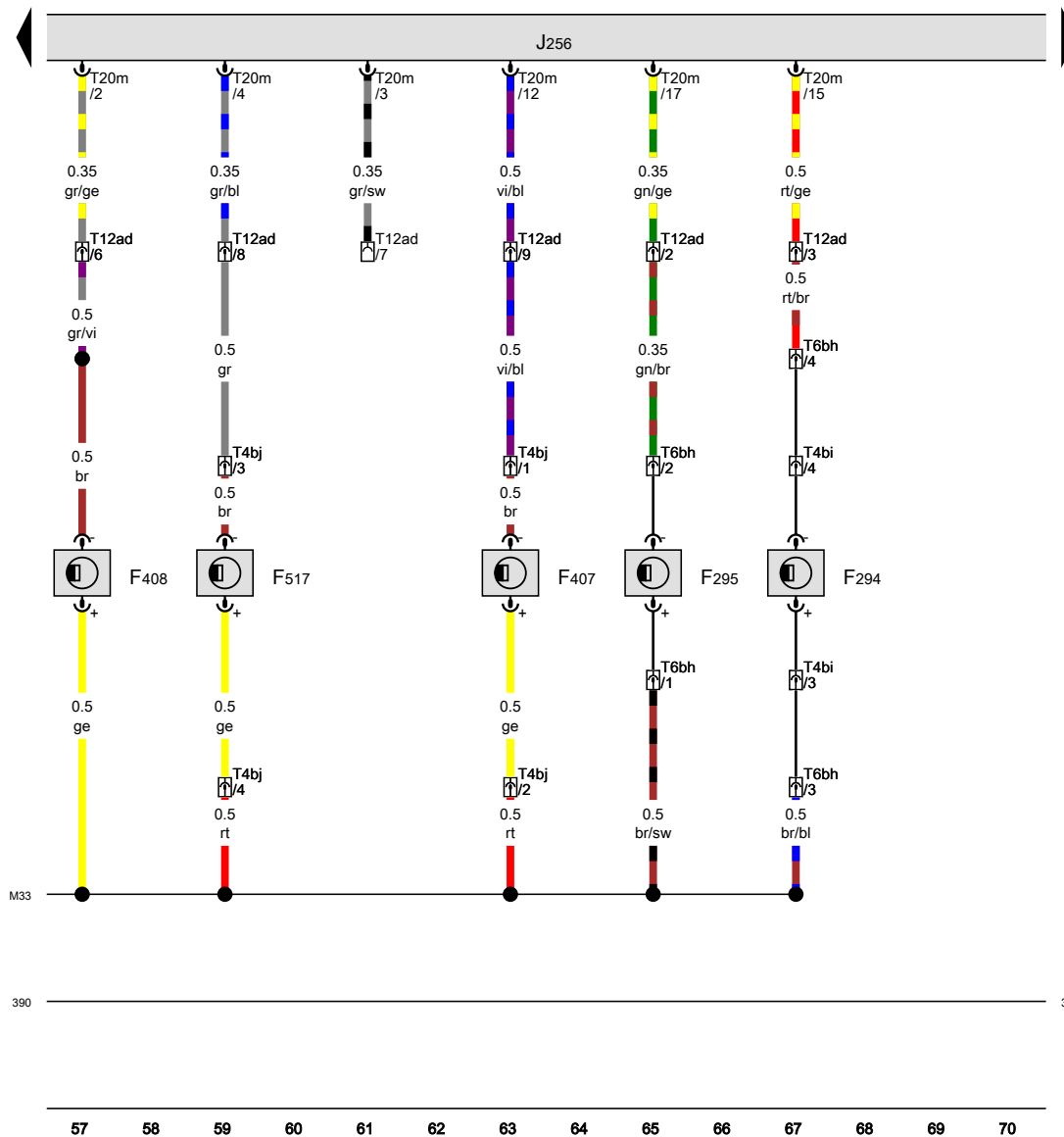
Convertible roof stowed switch, Convertible roof front switch, Convertible roof actuation control unit

- F171 Convertible roof stowed switch
- F202 Convertible roof front switch
- J256 Convertible roof actuation control unit
- T8aj 8-pin connector
- T10aa 10-pin connector
- T12ad 12-pin connector
- T16q 16-pin connector
- V118 Convertible roof actuation hydraulic pump

- 390 Earth connection 25, in main wiring harness
- M33 Connection 2, in wiring harness for roof operation

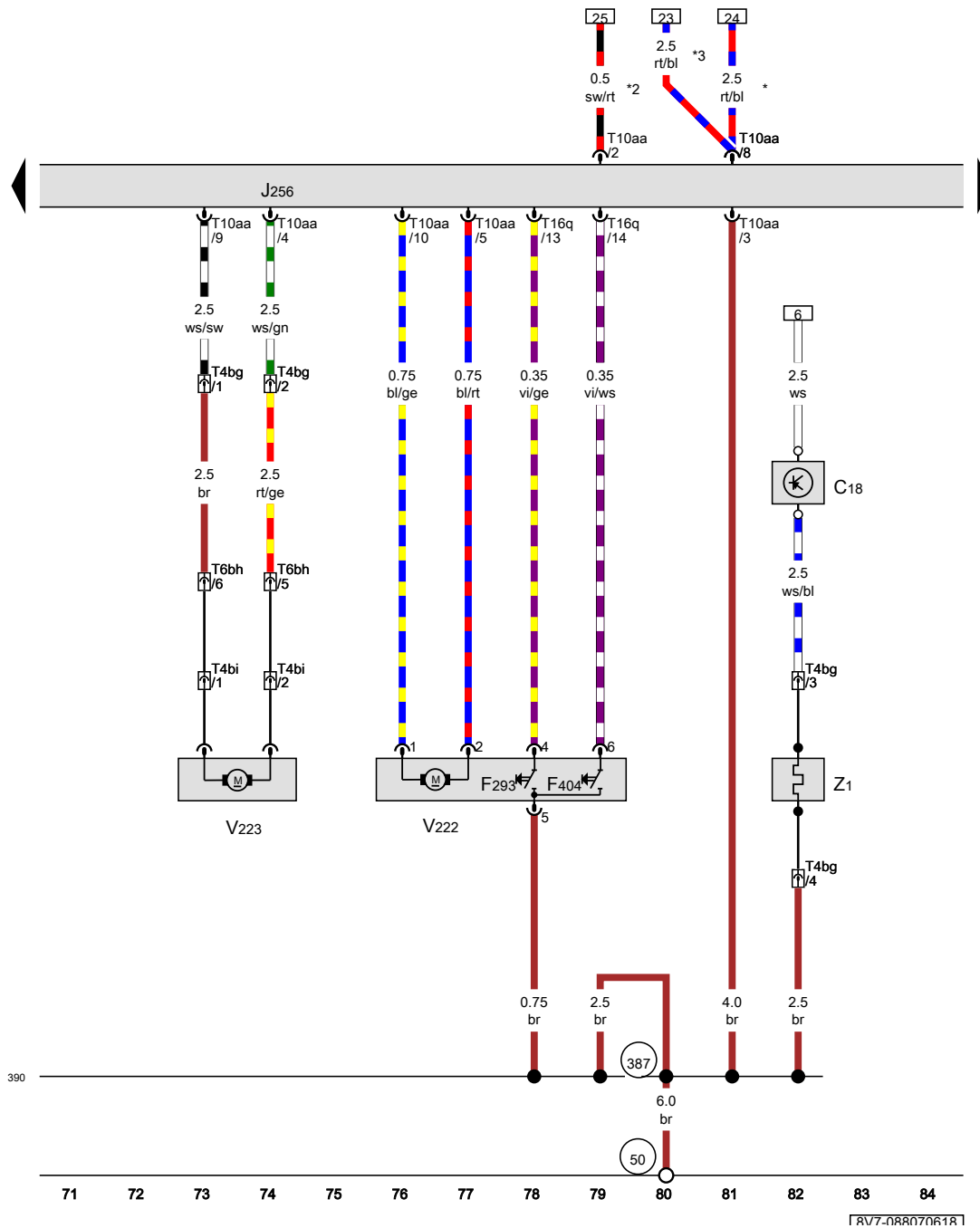


Convertible roof latch open switch, Convertible roof latch closed switch, Convertible roof box lid open switch, Tensioning strut top switch, Tensioning strut bottom switch, Convertible roof actuation control unit



- F294 Convertible roof latch open switch
- F295 Convertible roof latch closed switch
- F407 Convertible roof box lid open switch
- F408 Tensioning strut top switch
- F517 Tensioning strut bottom switch
- J256 Convertible roof actuation control unit
- T4bi 4-pin connector
- T4bj 4-pin connector
- T6bh 6-pin connector, blue
- T12ad 12-pin connector
- T20m 20-pin connector
- 390 Earth connection 25, in main wiring harness
- M33 Connection 2, in wiring harness for roof operation

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



Convertible roof box lid released switch, Convertible roof box lid locked switch, Convertible roof actuation control unit, Convertible roof box lid lock motor, Convertible roof lock motor, Heated rear window

- C18 Window aerial suppression filter
- F293 Convertible roof box lid released switch
- F404 Convertible roof box lid locked switch
- J256 Convertible roof actuation control unit
- T4bg 4-pin connector
- T4bi 4-pin connector
- T6bh 6-pin connector, blue
- T10aa 10-pin connector
- T16q 16-pin connector
- V222 Convertible roof box lid lock motor
- V223 Convertible roof lock motor
- Z1 Heated rear window

- 50 Earth point, on left in luggage compartment
- 387 Earth connection 22, in main wiring harness
- 390 Earth connection 25, in main wiring harness

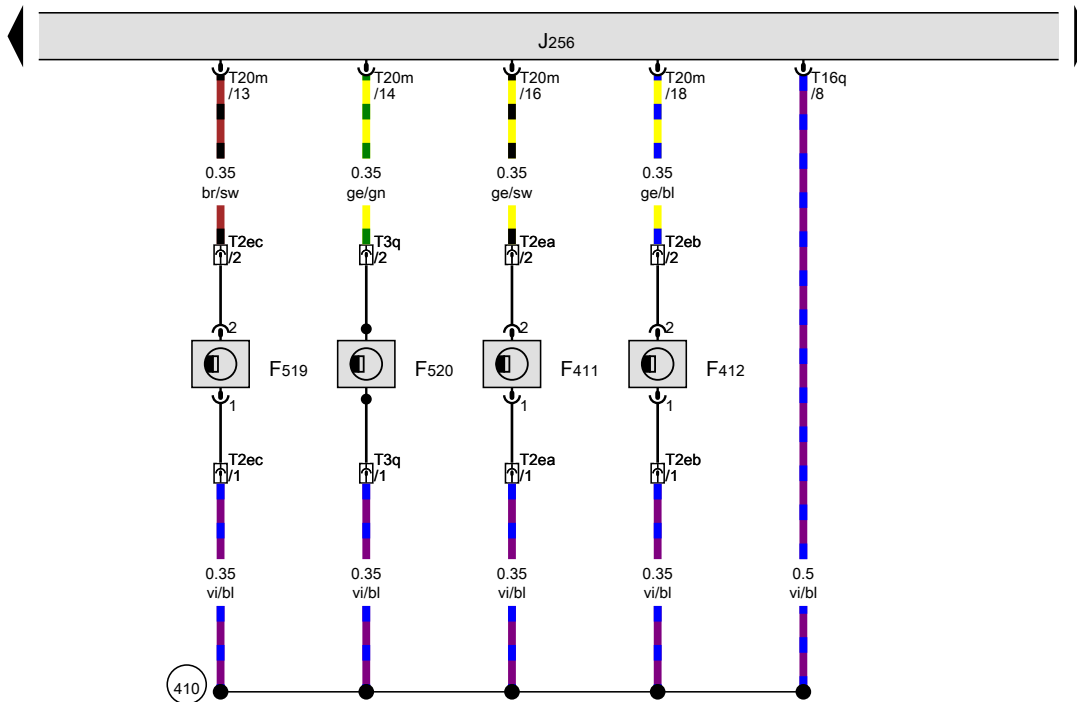
- * Up to April 2017
- *2 Cross section depends on equipment
- *3 From May 2017

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
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 or = orange
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Left switch for convertible roof closed, Right switch for convertible roof closed, Convertible roof box lid closed switch, Convertible roof box switch, bottom, Convertible roof actuation control unit

- F411 Left switch for convertible roof closed
- F412 Right switch for convertible roof closed
- F519 Convertible roof box lid closed switch
- F520 Convertible roof box switch, bottom
- J256 Convertible roof actuation control unit
- T2ea 2-pin connector
- T2eb 2-pin connector
- T2ec 2-pin connector
- T3q 3-pin connector
- T16q 16-pin connector
- T20m 20-pin connector

410 Earth connection 1 (sender earth) in main wiring harness



ws = white
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 ro = red
 rt = red
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 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

Convertible roof actuation button, Auto-hold button,
Convertible roof actuation control unit, Onboard supply
control unit

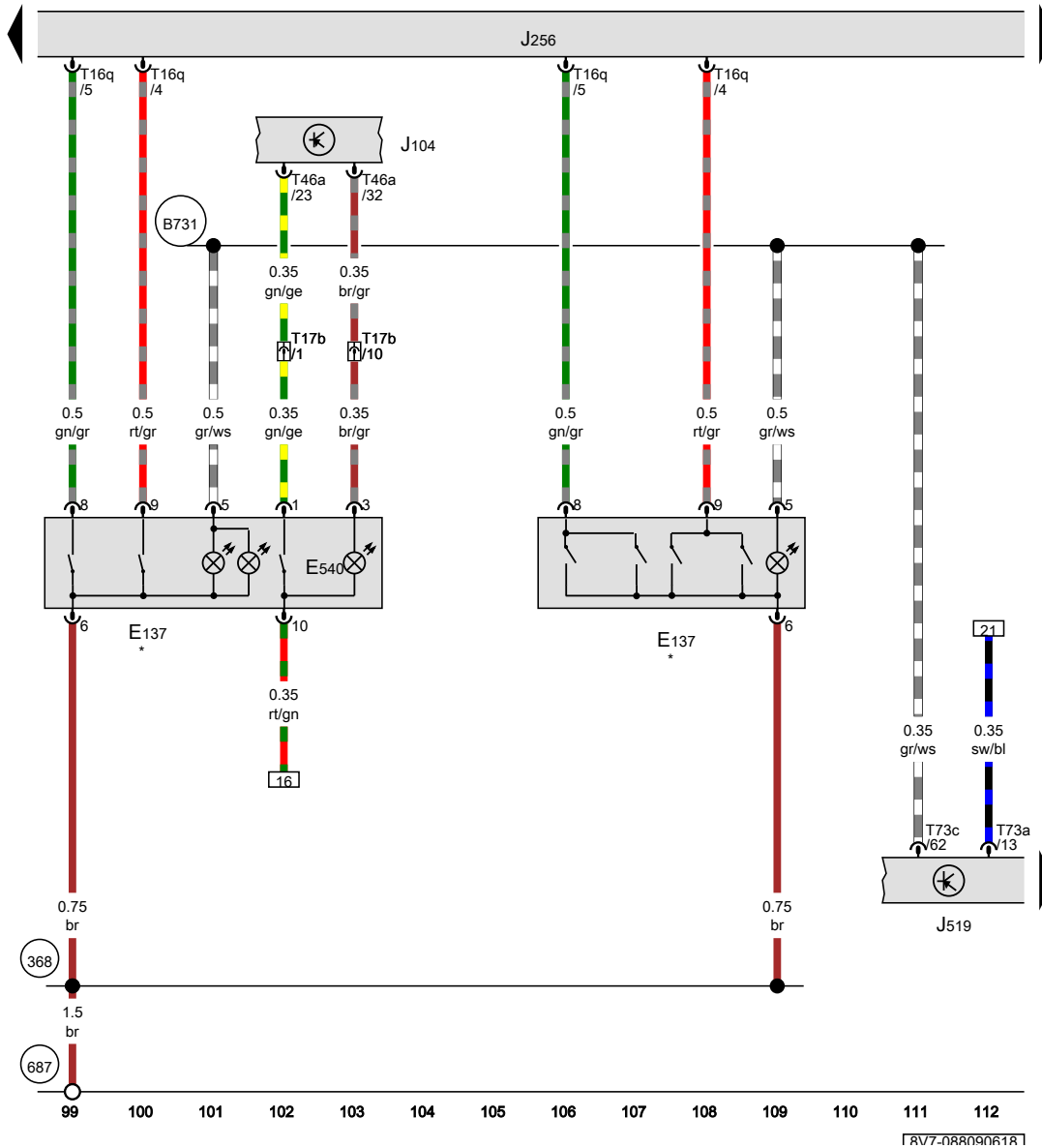
- E137 Convertible roof actuation button
- E540 Auto-hold button
- J104 ABS control unit
- J256 Convertible roof actuation control unit
- J519 Onboard supply control unit
- T16q 16-pin connector
- T17b 17-pin connector
- T46a 46-pin connector
- T73a 73-pin connector
- T73c 73-pin connector

368 Earth connection 3, in main wiring harness

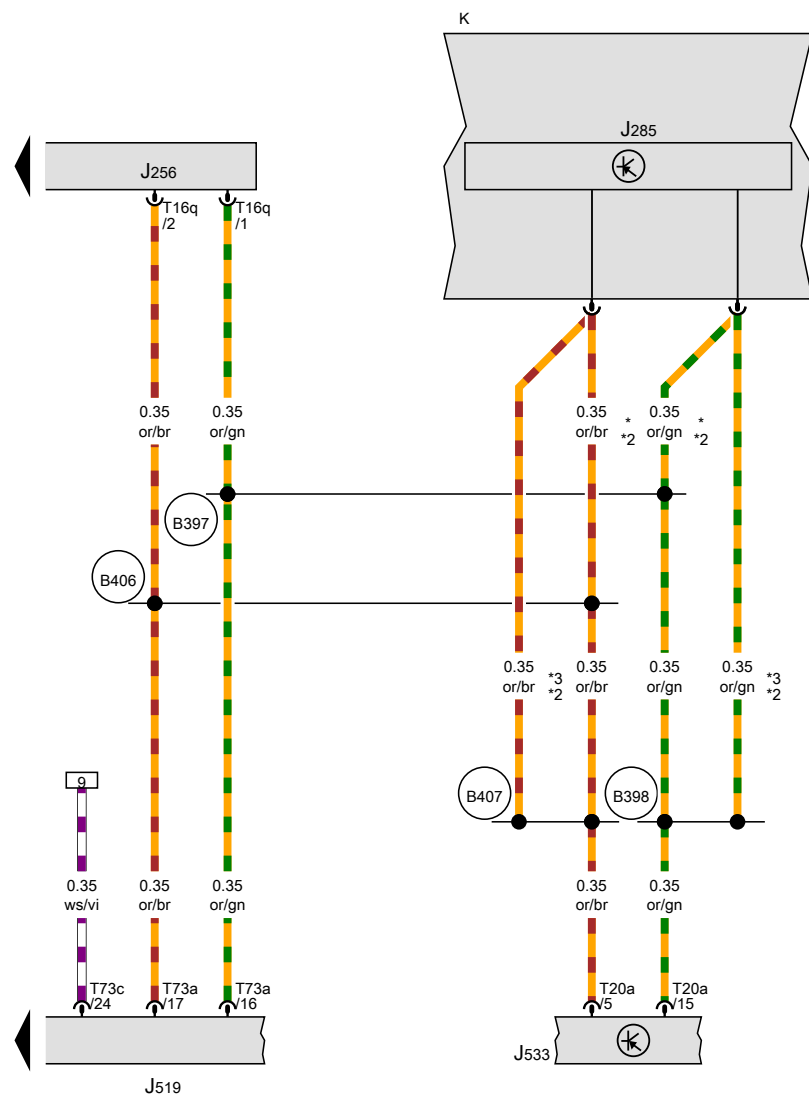
687 Earth point 1, on centre tunnel

B731 Connection 1 (58s), in main wiring harness

* According to equipment



ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink



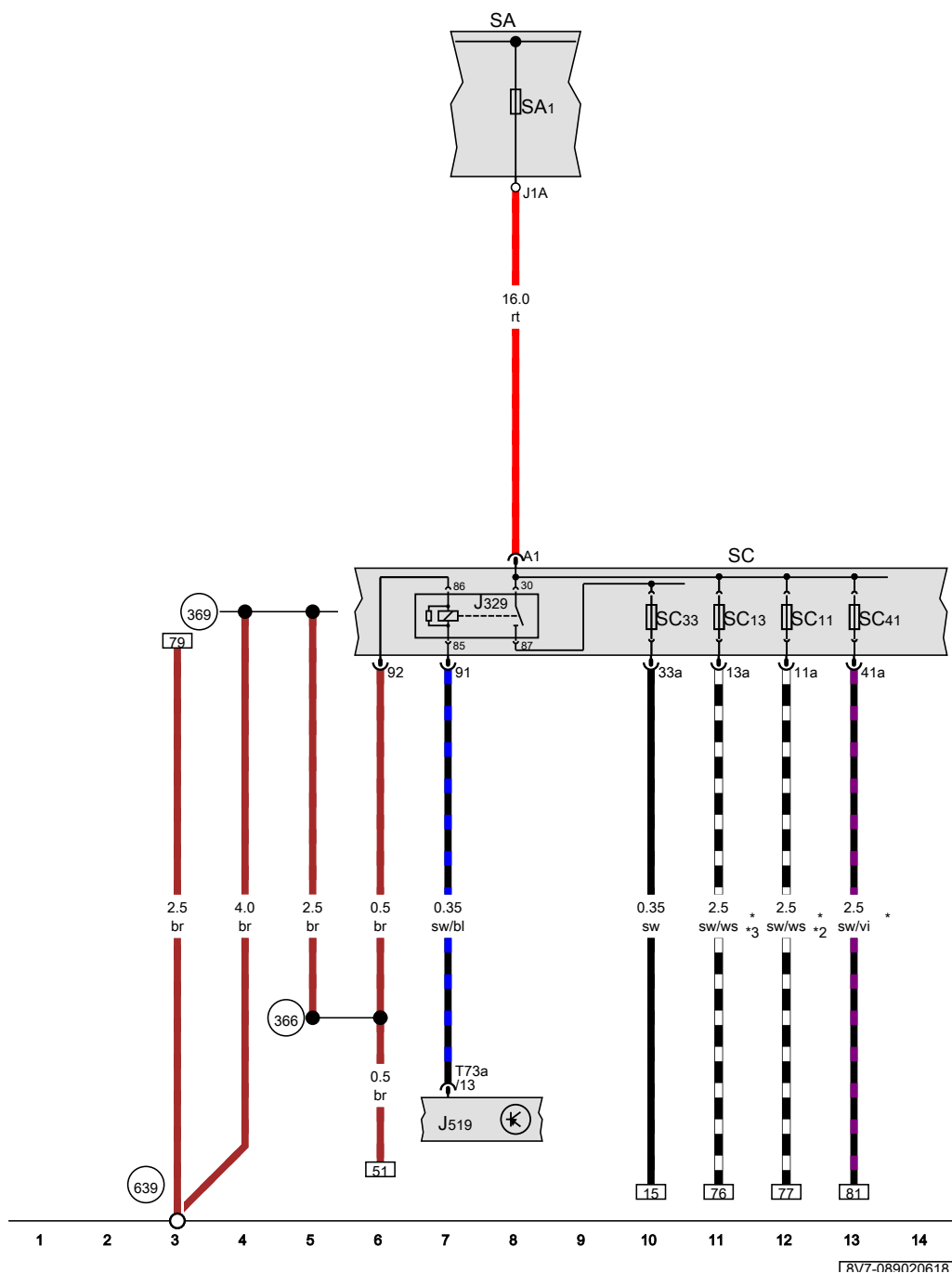
Convertible roof actuation control unit, Control unit in dash panel insert, Onboard supply control unit, Data bus diagnostic interface

- J256 Convertible roof actuation control unit
- J285 Control unit in dash panel insert
- J519 Onboard supply control unit
- J533 Data bus diagnostic interface
- K Dash panel insert
- T16q 16-pin connector
- T20a 20-pin connector
- T73a 73-pin connector
- T73c 73-pin connector
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness
- * For left-hand drive models
- *2 see applicable current flow diagram for dash panel insert
- *3 For right-hand drive models

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

Airbag systems , (L0L)

From November 2013



Terminal 15 voltage supply relay, Fuse holder C

- J329 Terminal 15 voltage supply relay
- J519 Onboard supply control unit
- SA Fuse holder A
- SA1 Fuse 1 on fuse holder A
- SC Fuse holder C
- SC11 Fuse 11 on fuse holder C
- SC13 Fuse 13 on fuse holder C
- SC33 Fuse 33 on fuse holder C
- SC41 Fuse 41 on fuse holder C
- T73a 73-pin connector

366 Earth connection 1, in main wiring harness

369 Earth connection 4, in main wiring harness

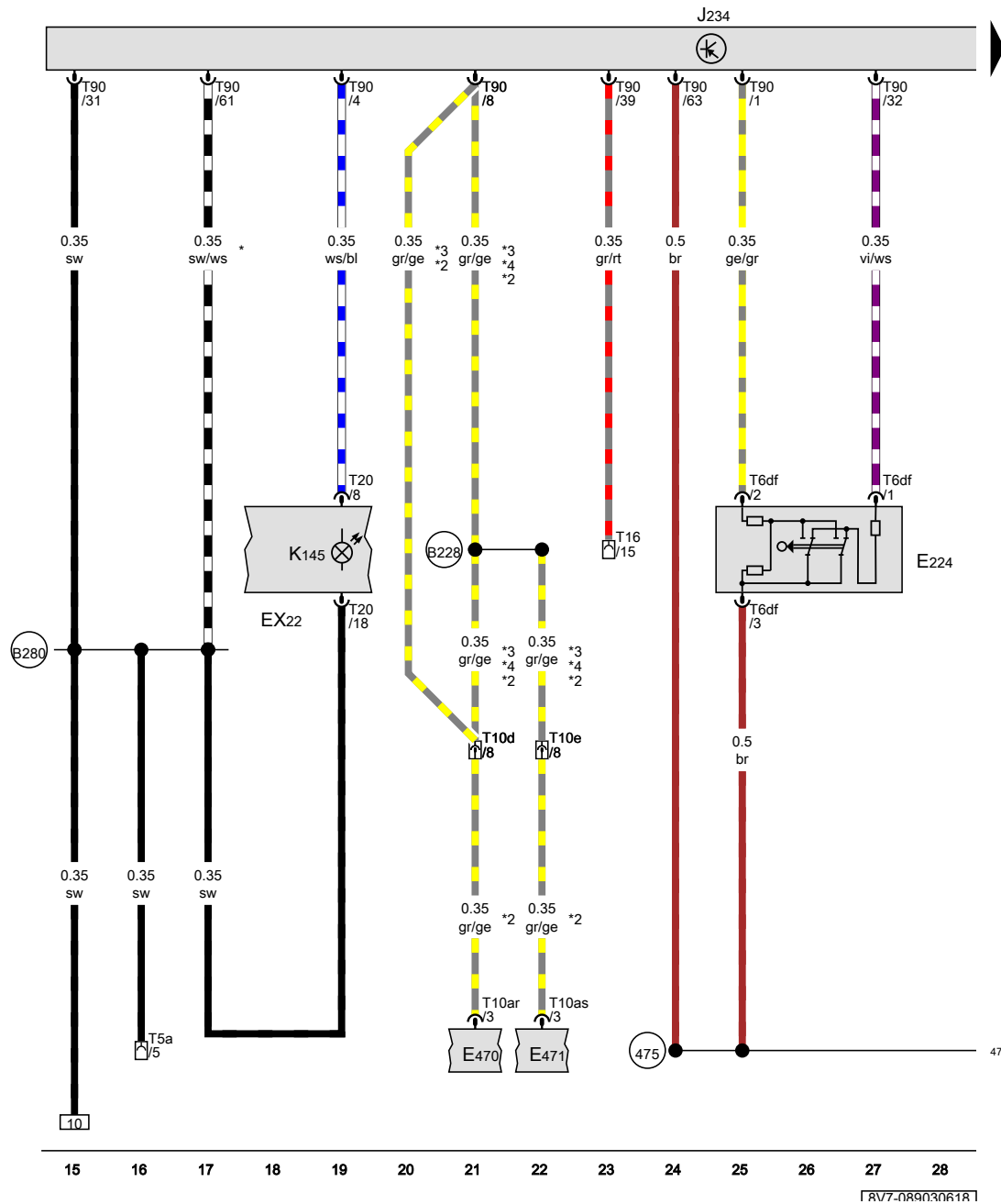
639 Earth point, left A-pillar

* According to equipment

*2 Up to April 2017

*3 From May 2017

ws = white
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ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
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or = orange
rs = pink

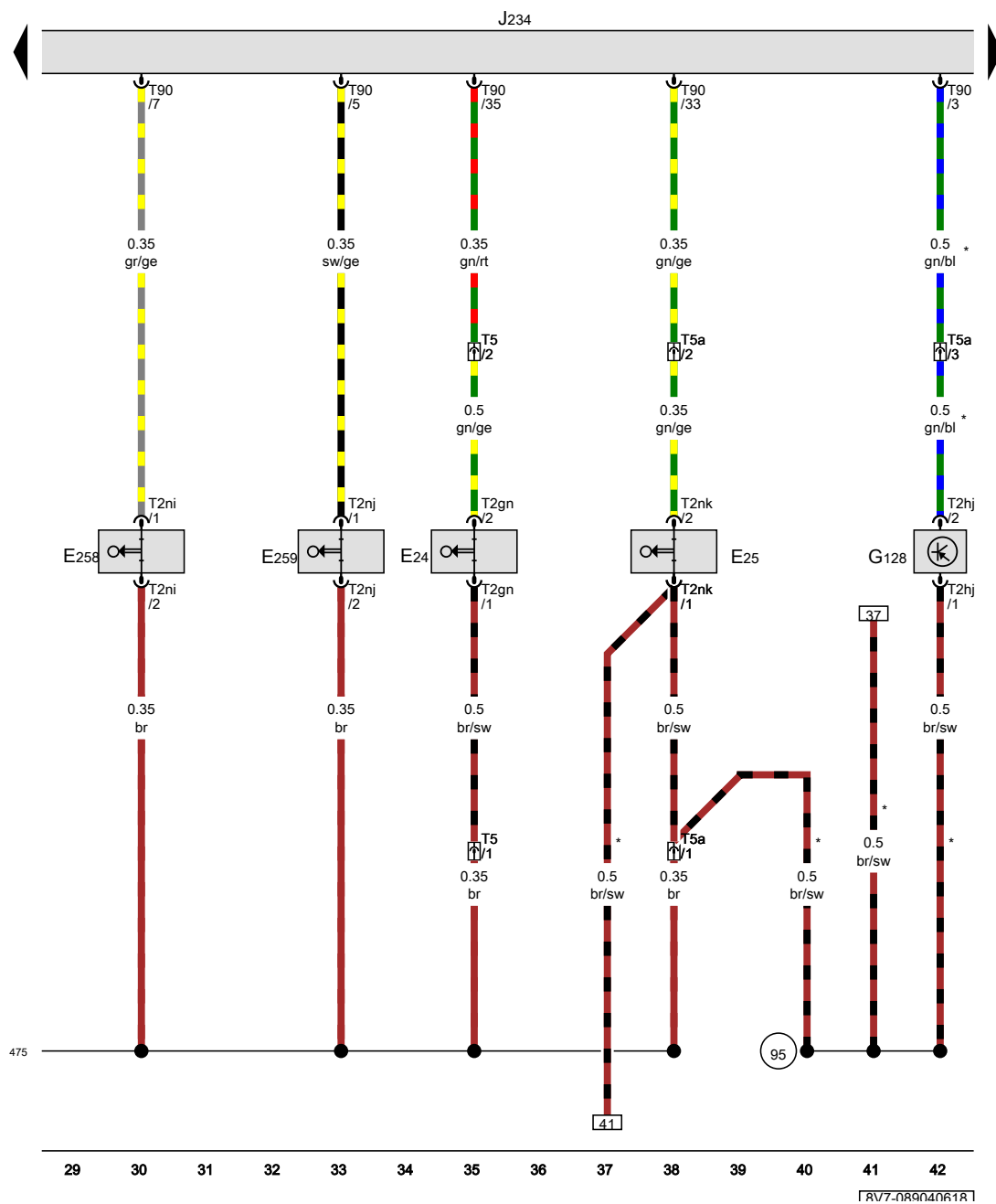


Centre switch module in dash panel, Key operated switch to deactivate airbag on front passenger side, Airbag control unit, Warning lamp for airbag deactivated on front passenger side

- EX22 Centre switch module in dash panel
- E224 Key operated switch to deactivate airbag on front passenger side
- E470 Driver seat adjustment operating unit
- E471 Front passenger seat adjustment operating unit
- J234 Airbag control unit
- K145 Warning lamp for airbag deactivated on front passenger side
- T5a 5-pin connector
- T6df 6-pin connector
- T10ar 10-pin connector
- T10as 10-pin connector
- T10d 10-pin connector, in coupling point for front seat, left
- T10e 10-pin connector, in coupling point for front seat, right
- T16 16-pin connector
- T20 20-pin connector
- T90 90-pin connector

- 475 Earth connection (airbag), in main wiring harness
- B228 Connection (crash signal), in interior wiring harness
- B280 Positive connection 4 (15a) in main wiring harness

- * Different wire colour possible
- *2 According to equipment
- *3 For models with electric seat adjustment on driver side
- *4 For models with electric seat adjustment on passenger side



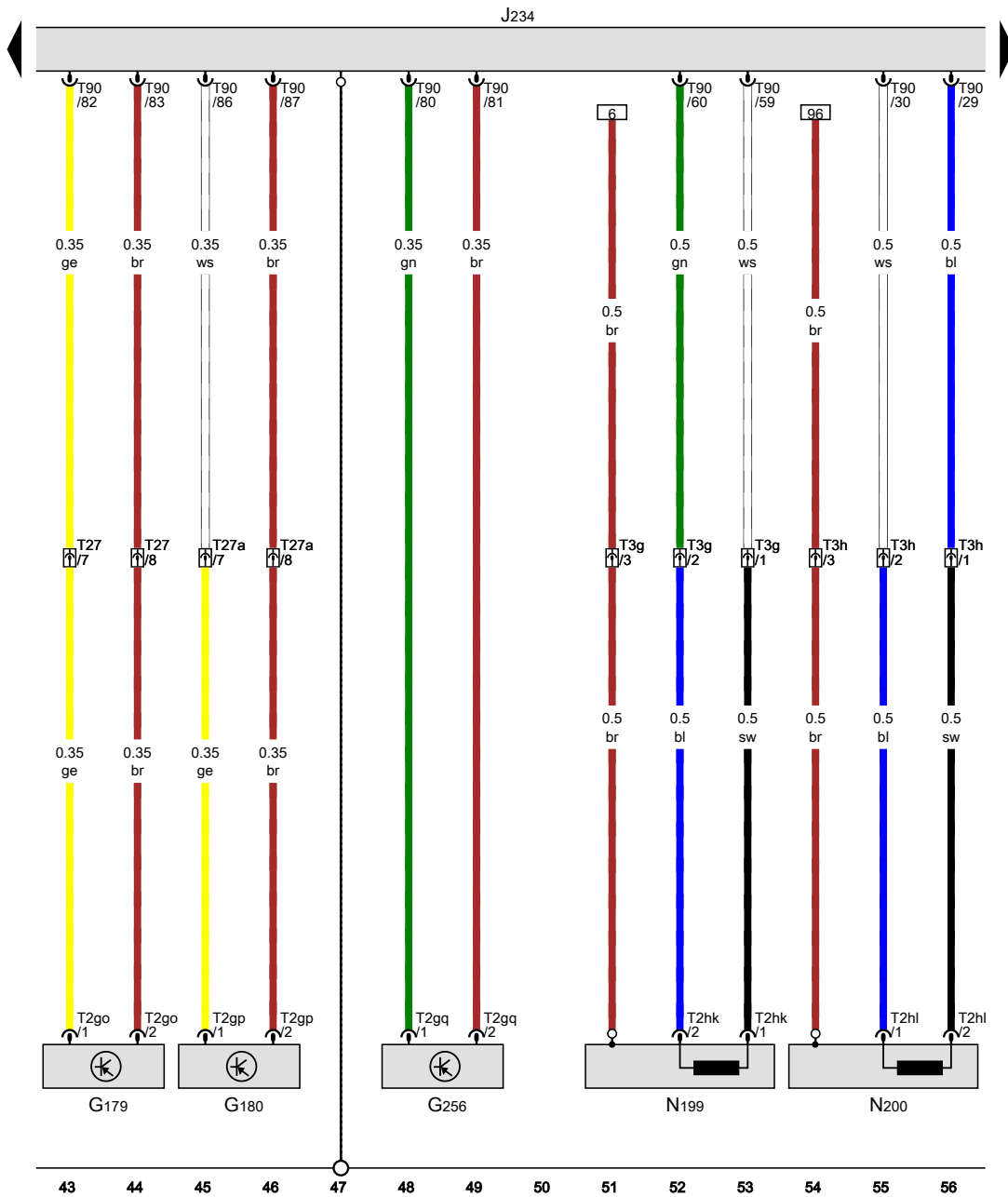
Driver side belt switch, Front passenger side belt switch, Rear belt switch, driver side, Rear belt switch, passenger side, Airbag control unit

- E24 Driver side belt switch
- E25 Front passenger side belt switch
- E258 Rear belt switch, driver side
- E259 Rear belt switch, passenger side
- G128 Seat occupied sensor, front passenger side
- J234 Airbag control unit
- T2gn 2-pin connector
- T2hj 2-pin connector
- T2ni 2-pin connector
- T2nj 2-pin connector
- T2nk 2-pin connector
- T5 5-pin connector
- T5a 5-pin connector
- T90 90-pin connector

95 Earth connection 1, in seat adjustment wiring harness

475 Earth connection (airbag), in main wiring harness

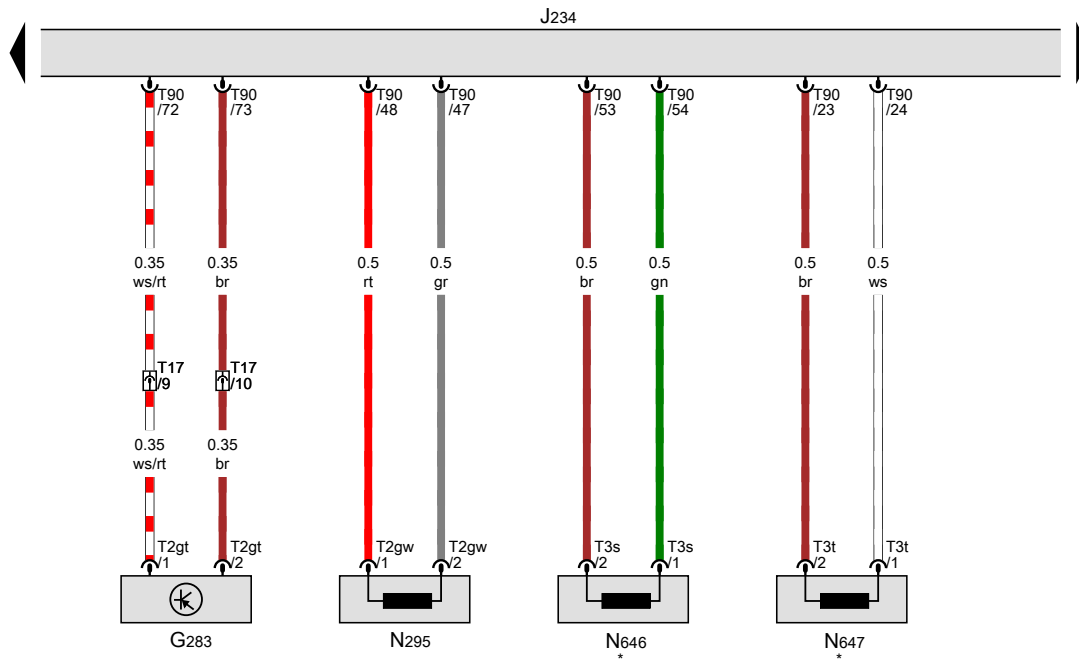
* For models with seat occupied recognition



Side airbag crash sensor on driver side, Side airbag crash sensor on front passenger side, Rear side airbag crash sensor on driver side, Airbag control unit, Side airbag igniter on driver side, Side airbag igniter on front passenger side

- G179 Side airbag crash sensor on driver side
- G180 Side airbag crash sensor on front passenger side
- G256 Rear side airbag crash sensor on driver side
- J234 Airbag control unit
- N199 Side airbag igniter on driver side
- N200 Side airbag igniter on front passenger side
- T2go 2-pin connector
- T2gp 2-pin connector
- T2gq 2-pin connector
- T2hk 2-pin connector
- T2hl 2-pin connector
- T3g 3-pin connector, in driver seat armrest
- T3h 3-pin connector, under front passenger seat
- T27 27-pin connector
- T27a 27-pin connector
- T90 90-pin connector

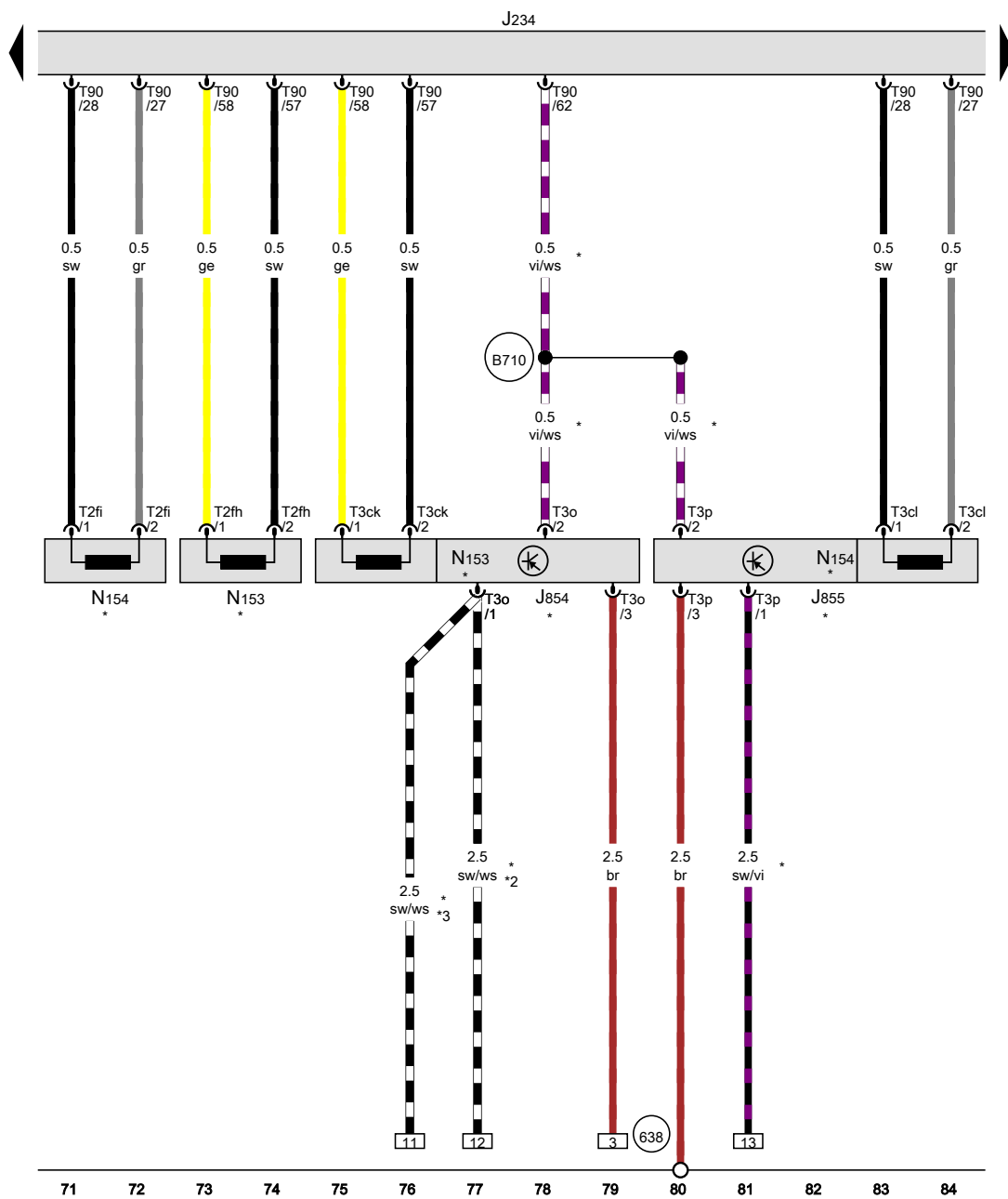
- ws = white
- sw = black
- ro = red
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- gr = grey
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- rs = pink



Front airbag crash sensor for driver side, Airbag control unit, Driver side knee airbag igniter, Trigger for driver side roll-over bar, Trigger for passenger side roll-over bar

- G283 Front airbag crash sensor for driver side
- J234 Airbag control unit
- N295 Driver side knee airbag igniter
- N646 Trigger for driver side roll-over bar
- N647 Trigger for passenger side roll-over bar
- T2gt 2-pin connector
- T2gw 2-pin connector
- T3s 3-pin connector
- T3t 3-pin connector
- T17 17-pin connector
- T90 90-pin connector
- * Pre-wired component

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



Airbag control unit, Control unit for front left belt tensioner, Control unit for front right belt tensioner, Driver seat belt tensioner igniter 1, Front passenger seat belt tensioner igniter 1

- J234 Airbag control unit
- J854 Control unit for front left belt tensioner
- J855 Control unit for front right belt tensioner
- N153 Driver seat belt tensioner igniter 1
- N154 Front passenger seat belt tensioner igniter 1
- T2fh 2-pin connector
- T2fi 2-pin connector
- T3ck 3-pin connector
- T3cl 3-pin connector
- T3o 3-pin connector
- T3p 3-pin connector
- T90 90-pin connector

638 Earth point, on right A-pillar

B710 Connection 5 (LIN bus) in main wiring harness

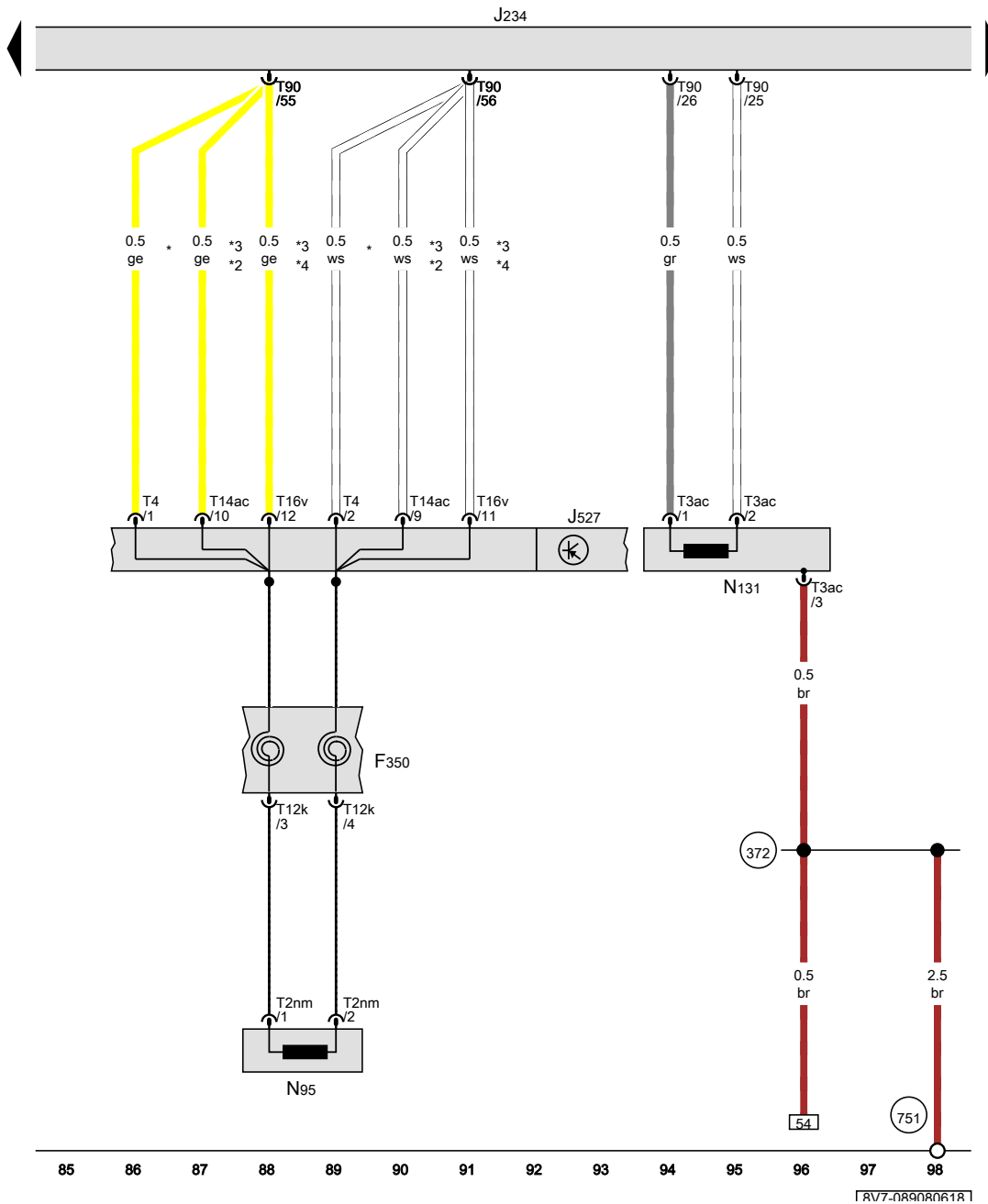
* According to equipment

*2 Up to April 2017

*3 From May 2017

ws = white
sw = black
ro = red
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bl = blue
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ge = yellow
or = orange
rs = pink

18V7-089070618



Airbag control unit, Steering column electronics control unit,
Airbag igniter on driver side, Airbag igniter 1 on front
passenger side

- F350 Coil connector
- J234 Airbag control unit
- J527 Steering column electronics control unit
- N95 Airbag igniter on driver side
- N131 Airbag igniter 1 on front passenger side
- T2nm 2-pin connector
- T3ac 3-pin connector
- T4 4-pin connector
- T12k 12-pin connector
- T14ac 14-pin connector
- T16v 16-pin connector
- T90 90-pin connector

372 Earth connection 7, in main wiring harness

751 Earth point 2, on right A-pillar

- * Up to June 2018
- *2 For models with heated steering wheel
- *3 From July 2018
- *4 For models with no heated steering wheel

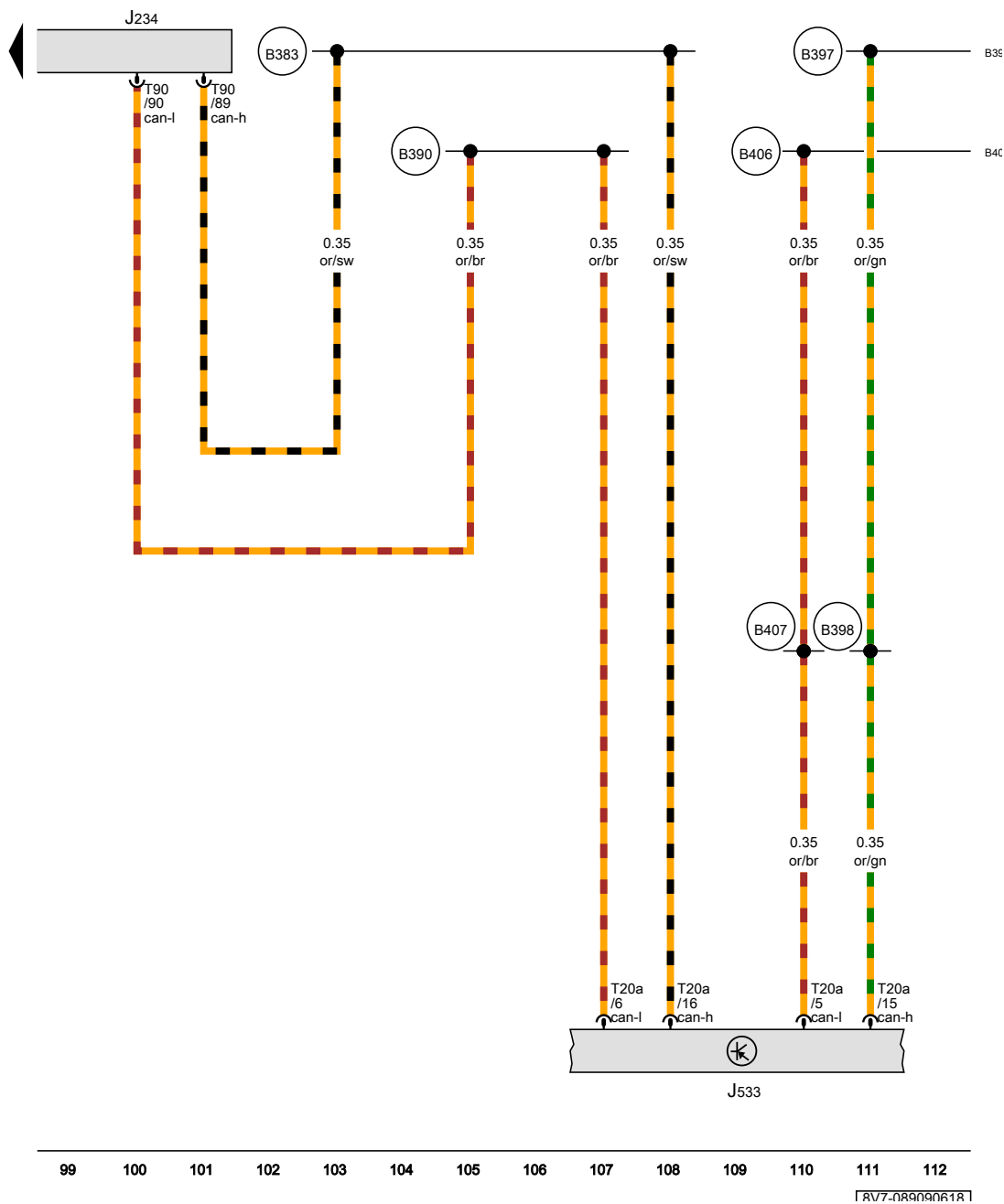
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sw = black
ro = red
rt = red
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gn = green
bl = blue
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vi = purple
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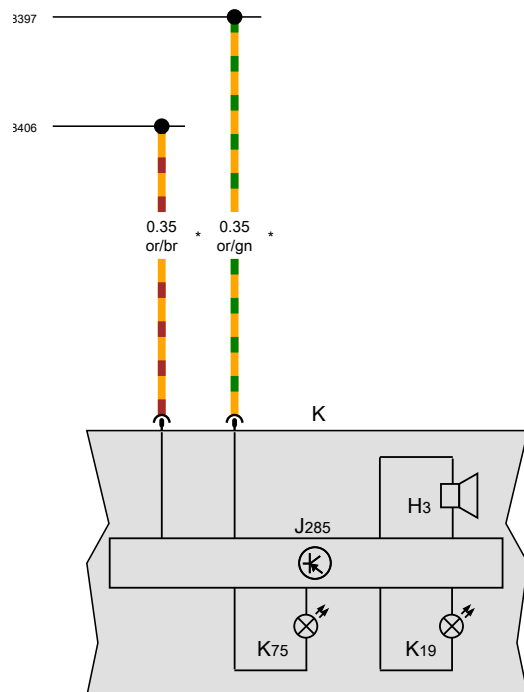
Airbag control unit, Data bus diagnostic interface

J234 Airbag control unit
J533 Data bus diagnostic interface
T20a 20-pin connector
T90 90-pin connector

- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink





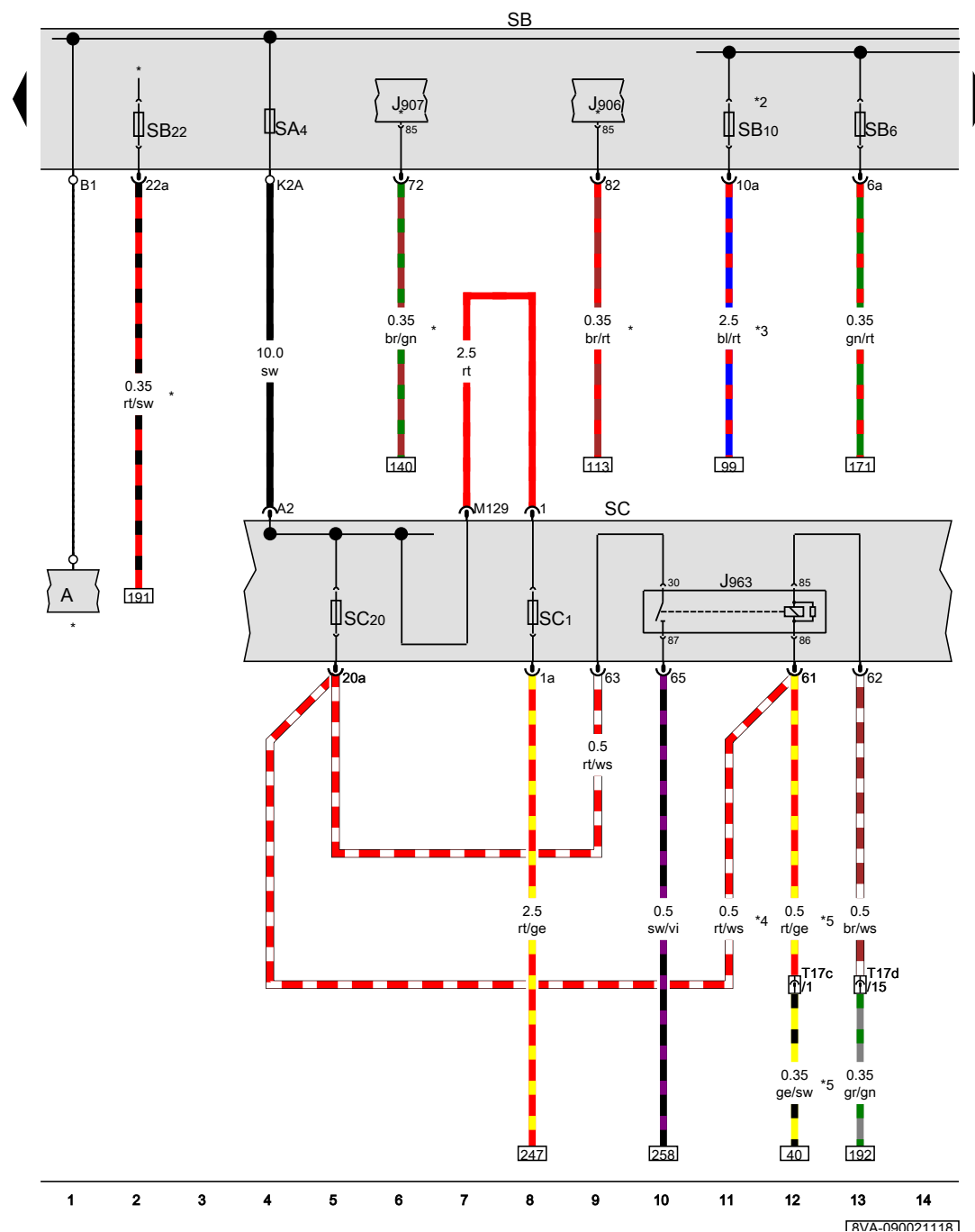
Buzzer and gong, Control unit in dash panel insert, Seat belt warning system warning lamp, Airbag warning lamp

- H3 Buzzer and gong
- J285 Control unit in dash panel insert
- K Dash panel insert
- K19 Seat belt warning system warning lamp
- K75 Airbag warning lamp
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- * see applicable current flow diagram for dash panel insert

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 sw = black
 ro = red
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 bl = blue
 gr = grey
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 vi = purple
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 or = orange
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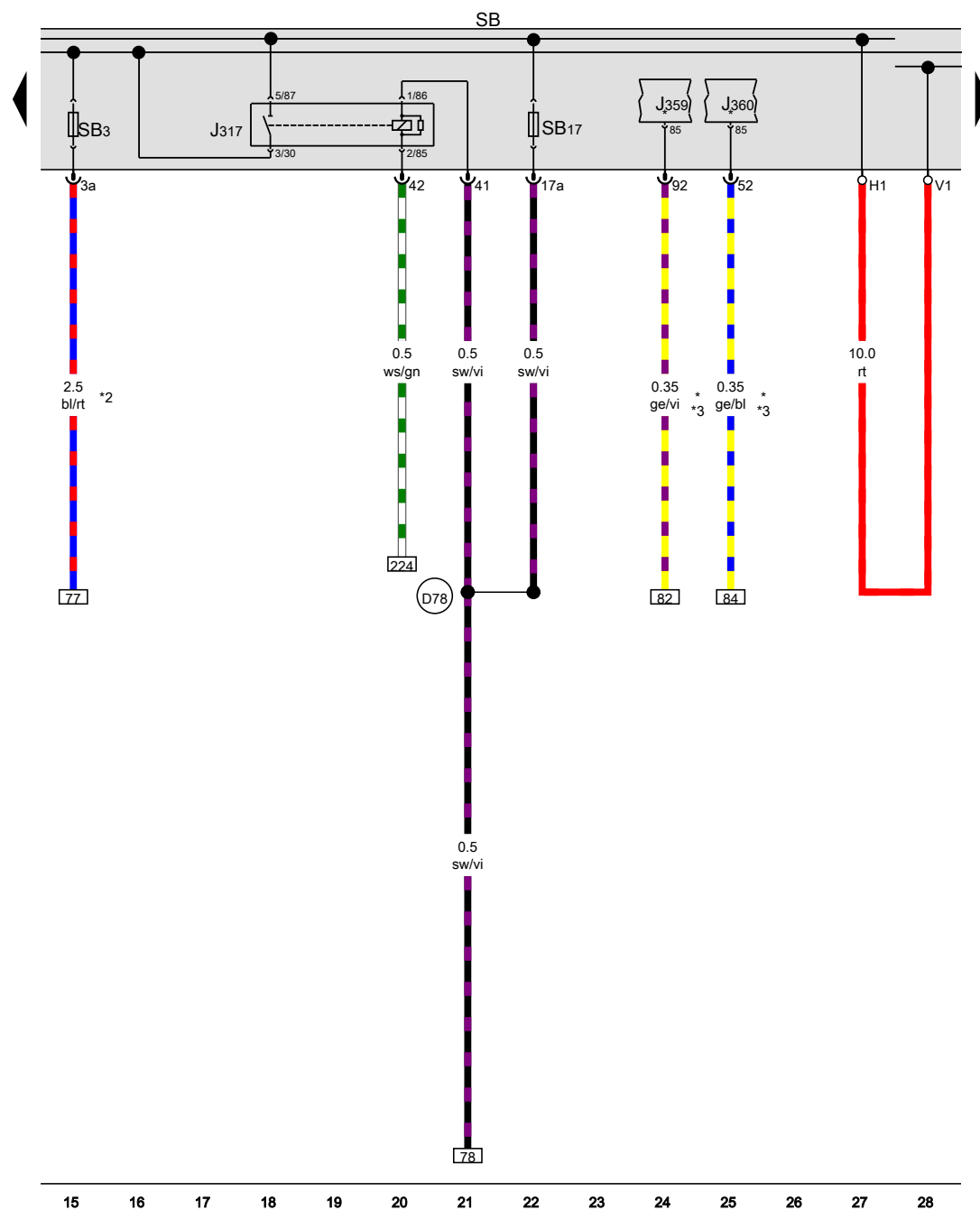
2.0l diesel engine , CRUA,DEJA,DEJB

From November 2013



Relay for reducing agent metering system, Fuse holder C

- A Battery
- J906 Starter relay 1
- J907 Starter relay 2
- J963 Relay for reducing agent metering system
- SA4 Fuse 4 on fuse holder A
- SB Fuse holder B
- SC1 Fuse 1 on fuse holder C
- SB6 Fuse 6 on fuse holder B
- SB10 Fuse 10 on fuse holder B
- SC Fuse holder C
- SC20 Fuse 20 on fuse holder C
- SB22 Fuse 22 on fuse holder B
- T17c 17-pin connector
- T17d 17-pin connector
- * see applicable current flow diagram for battery in engine compartment
- *2 For models with front-wheel drive
- *3 see applicable current flow diagram for fuel system
- *4 Up to October 2015
- *5 From November 2015



Terminal 30 voltage supply relay, Low heat output relay, High heat output relay

J317 Terminal 30 voltage supply relay

J359 Low heat output relay

J360 High heat output relay

SB Fuse holder B

SB3 Fuse 3 on fuse holder B

SB17 Fuse 17 on fuse holder B

D78 Positive connection 1 (30a), in engine compartment wiring harness

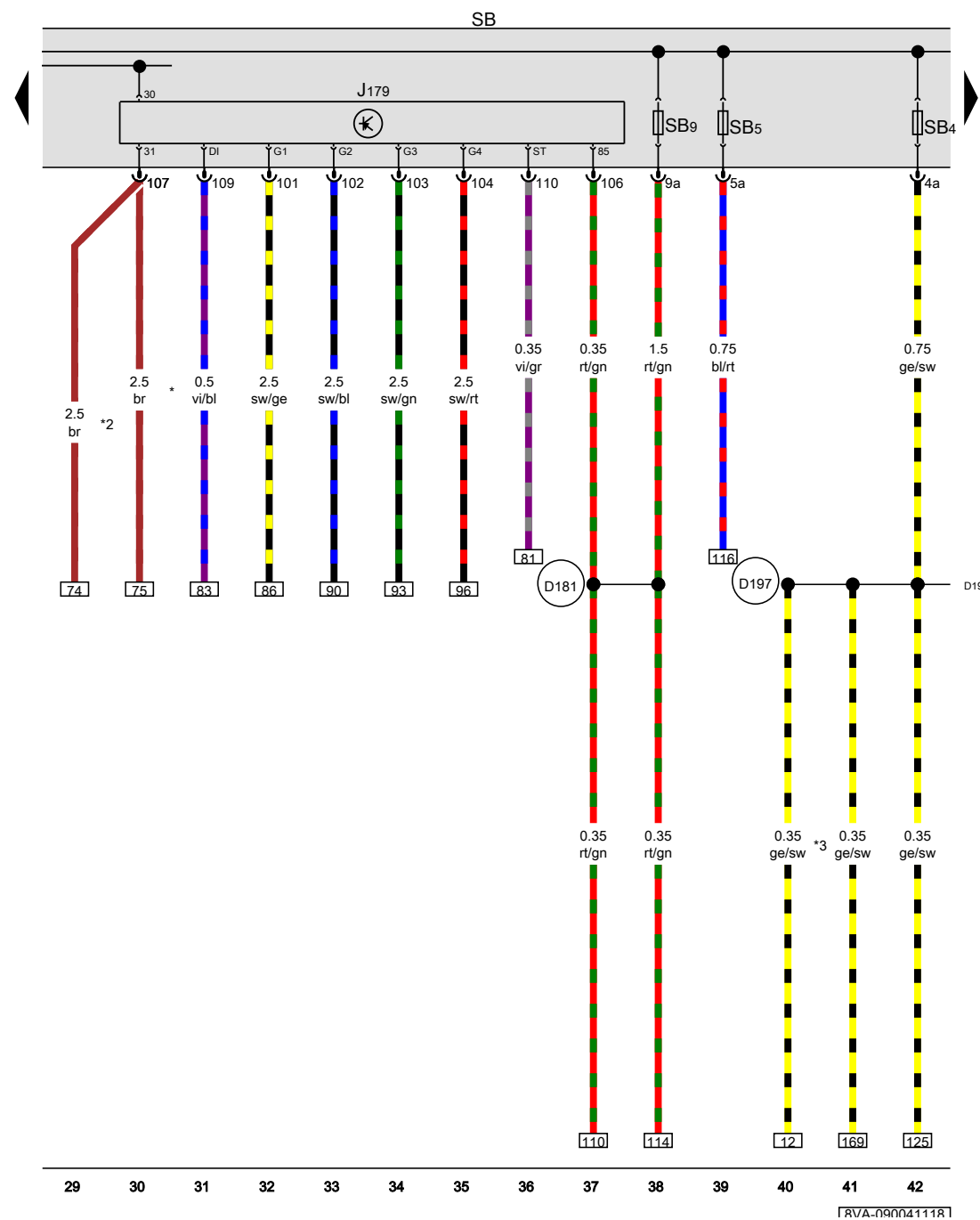
* For models with auxiliary air heater

*2 Wiring colour depends on equipment

*3 see applicable current flow diagram

ws = white
sw = black
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18VA-0900311181



Automatic glow period control unit

J179 Automatic glow period control unit

SB Fuse holder B

SB4 Fuse 4 on fuse holder B

SB5 Fuse 5 on fuse holder B

SB9 Fuse 9 on fuse holder B

D181 Connection 2 (87a), in engine compartment wiring harness

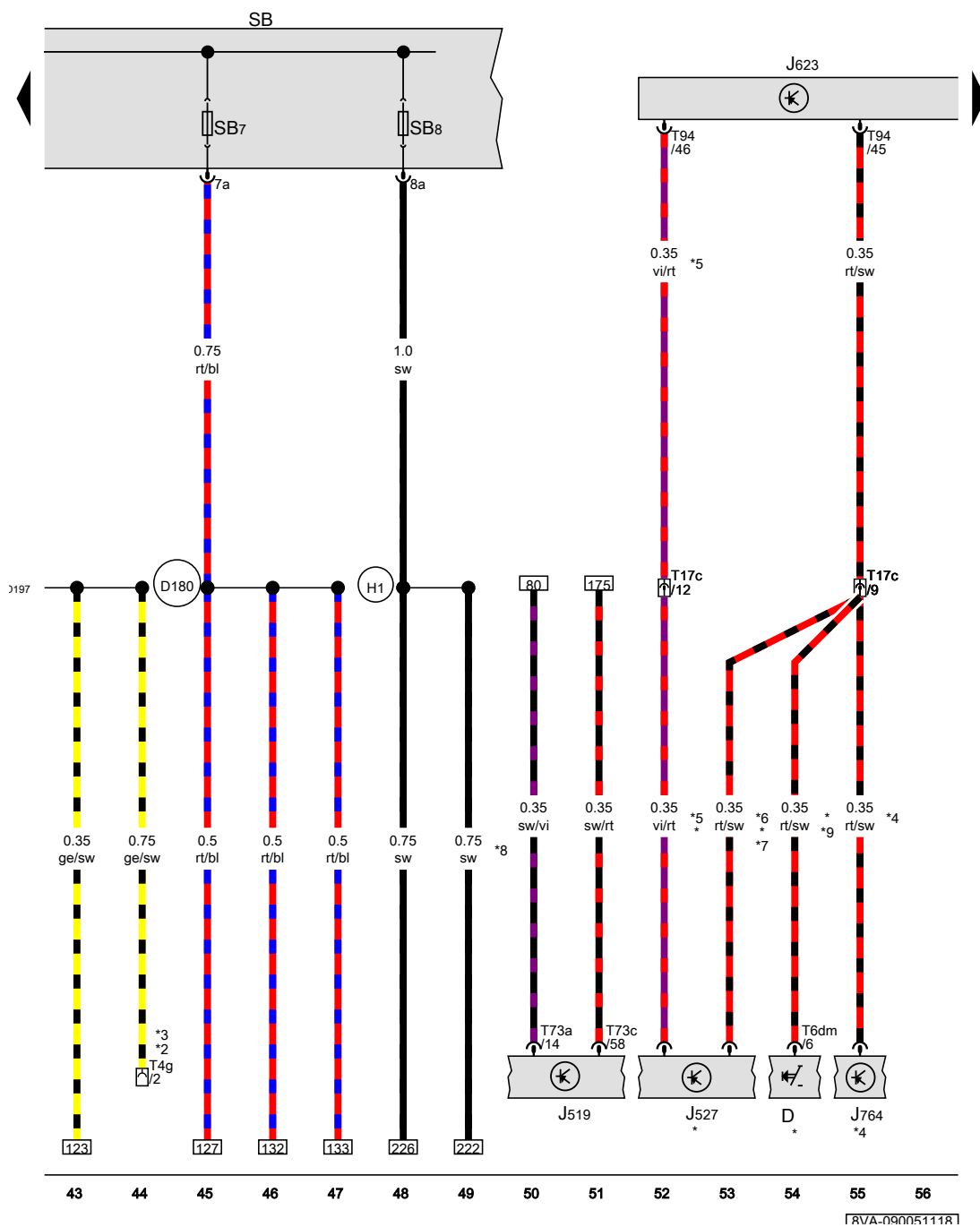
D197 Connection 5 (87a), in engine compartment wiring harness

* Gradually discontinued

*2 gradual introduction

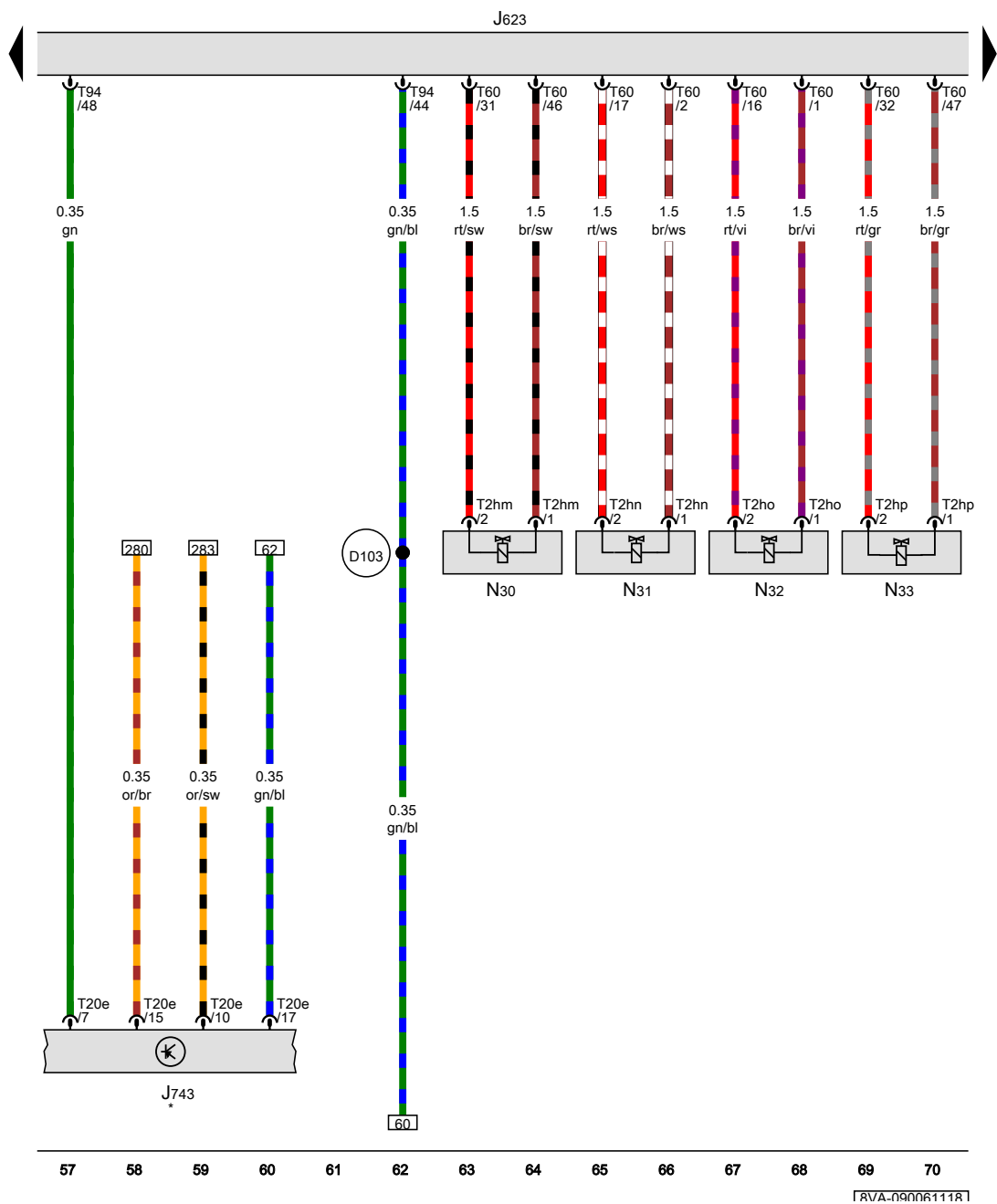
*3 From November 2015

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



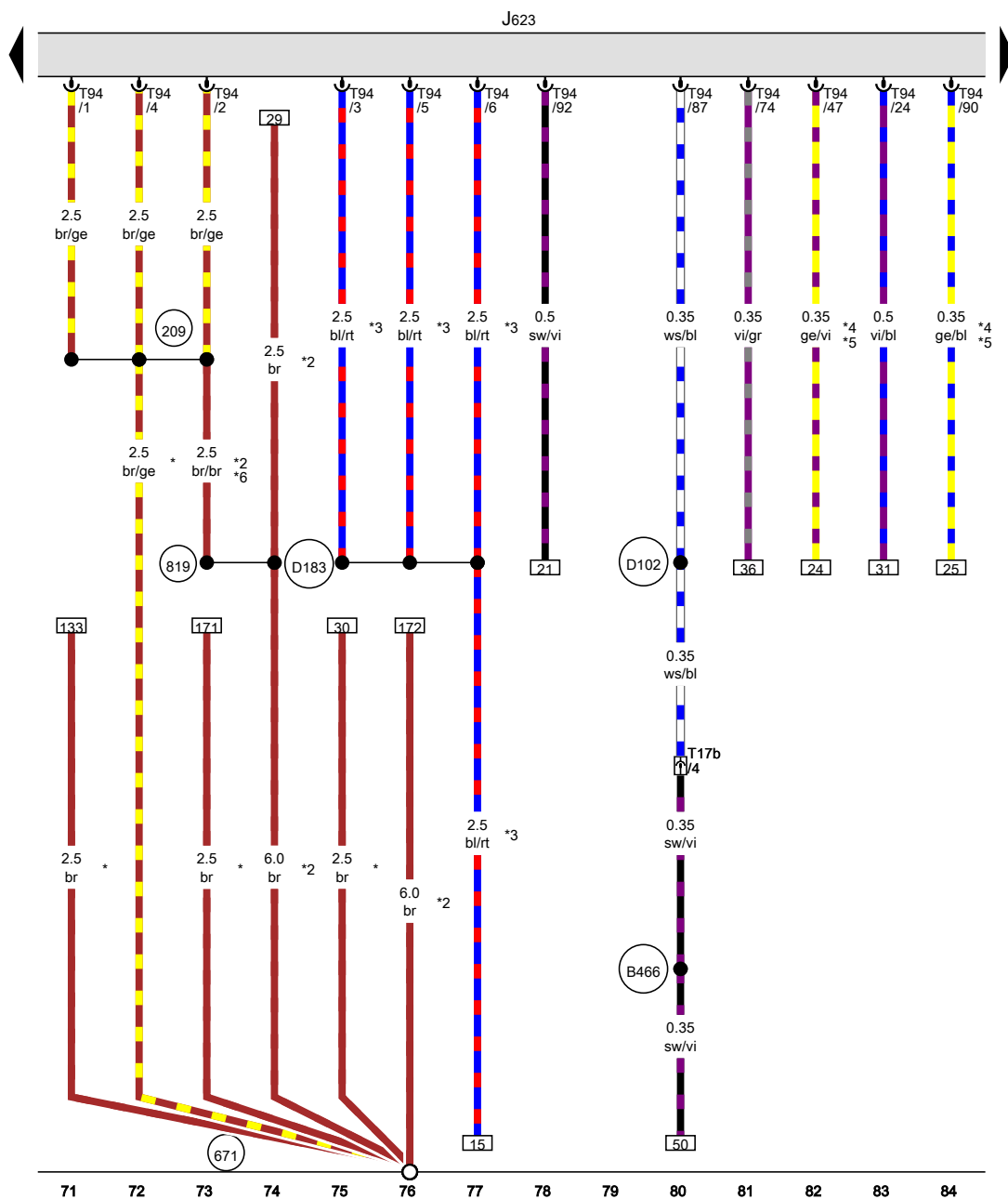
Onboard supply control unit, Steering column electronics control unit, Engine/motor control unit, Fuse 8 on fuse holder B

- D Ignition/starter switch
- J519 Onboard supply control unit
- J527 Steering column electronics control unit
- J623 Engine/motor control unit
- J764 Control unit for electronic steering column lock
- SB Fuse holder B
- SB7 Fuse 7 on fuse holder B
- SB8 Fuse 8 on fuse holder B
- T4g 4-pin connector
- T6dm 6-pin connector, black
- T17c 17-pin connector
- T73a 73-pin connector
- T73c 73-pin connector
- T94 94-pin connector
- D180 Connection (87a), in engine compartment wiring harness
- D197 Connection 5 (87a), in engine compartment wiring harness
- H1 Positive connection, in Lambda wiring harness
- * see applicable current flow diagram for steering column electronics
- *2 Radiator fan connection
- *3 see applicable current flow diagram for radiator fan
- *4 see applicable current flow diagram for entry and start authorisation
- *5 For models with cruise control system (CCS)
- *6 For models with no entry and start authorisation
- *7 Up to June 2018
- *8 Pre-wired component
- *9 From July 2018



Engine/motor control unit, Mechatronic unit for dual clutch gearbox, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

- J623 Engine/motor control unit
- J743 Mechatronic unit for dual clutch gearbox
- N30 Injector, cylinder 1
- N31 Injector, cylinder 2
- N32 Injector, cylinder 3
- N33 Injector, cylinder 4
- T2hm 2-pin connector
- T2hn 2-pin connector
- T2ho 2-pin connector
- T2hp 2-pin connector
- T20e 20-pin connector
- T60 60-pin connector
- T94 94-pin connector
- D103 Connection 3 in engine compartment wiring harness
- * For models with dual clutch gearbox



Engine/motor control unit

J623 Engine/motor control unit

T17b 17-pin connector

T94 94-pin connector

209 Earth connection 6, in engine compartment wiring harness

671 Earth point 1, on front of left longitudinal member

819 Earth connection 12, in engine compartment wiring harness

B466 Connection 2, in main wiring harness

D102 Connection 2 in engine compartment wiring harness

D183 Connection 4 (87a), in engine compartment wiring harness

* Gradually discontinued

*2 gradual introduction

*3 Wiring colour depends on equipment

*4 For models with auxiliary air heater
see applicable current flow diagram

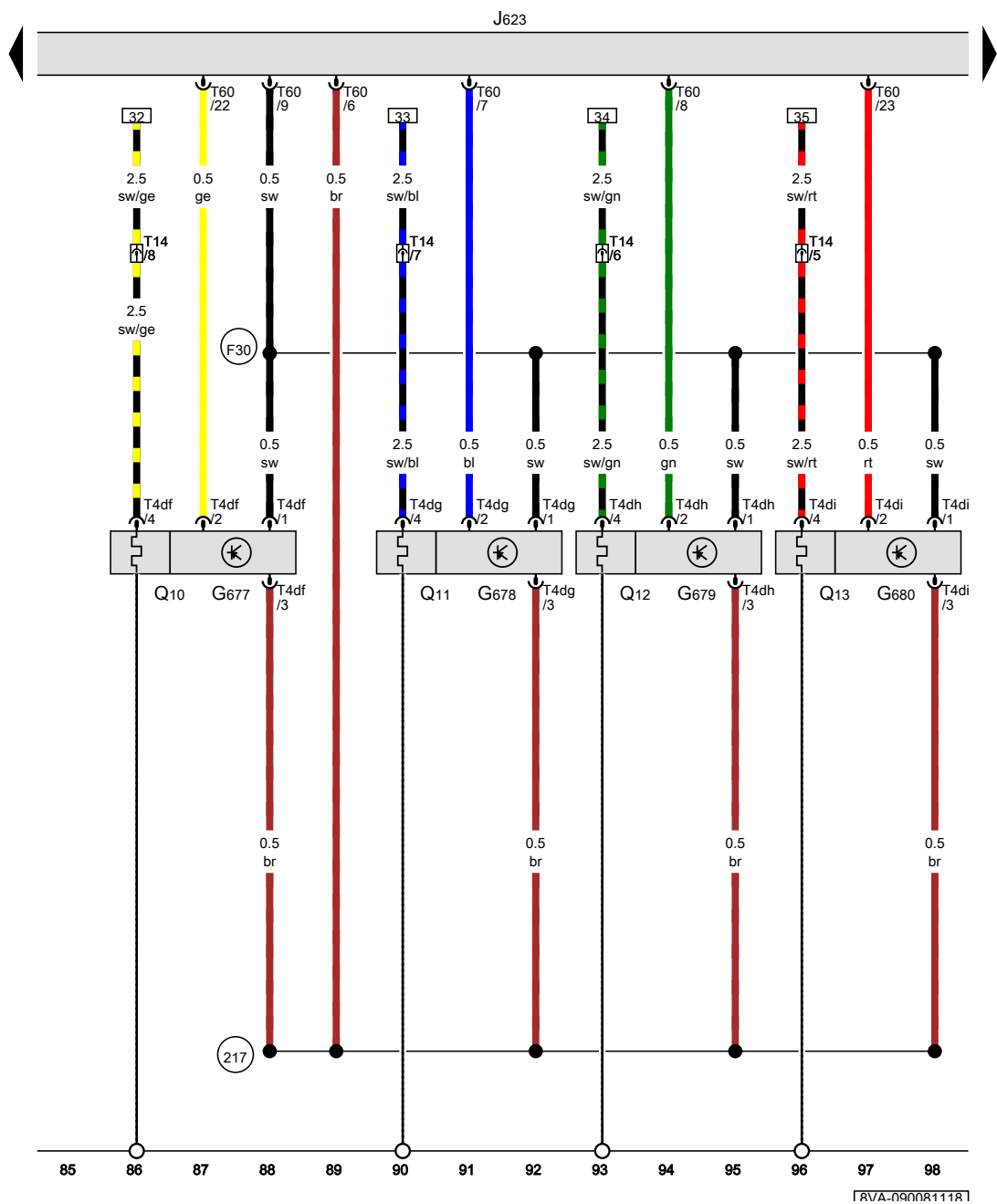
*5

*6 Different wire colour possible

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

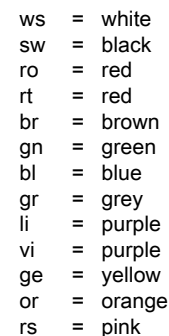
18V A-090071118

Engine/motor control unit, Glow plug 1, Glow plug 2, Glow plug 3, Glow plug 4

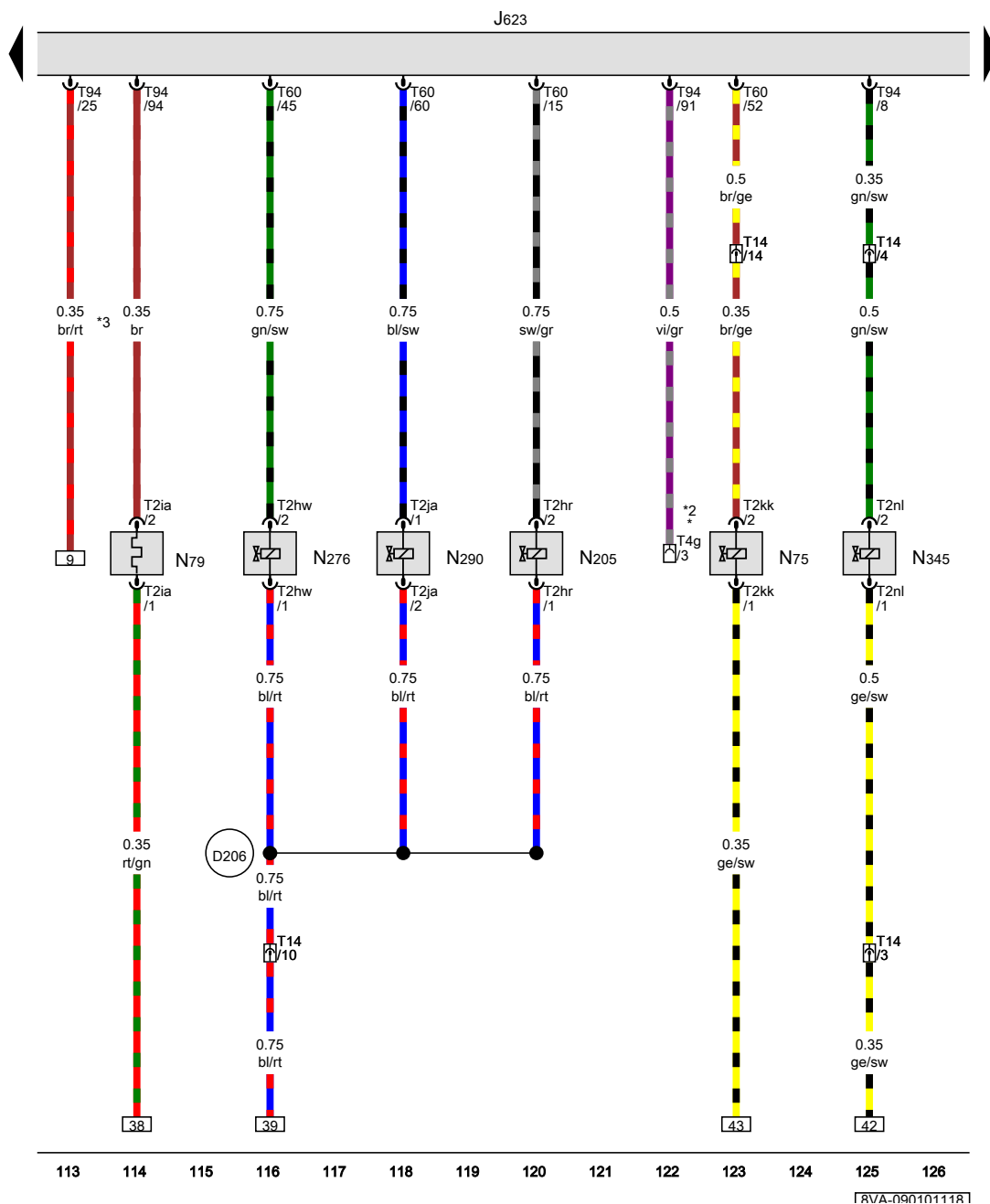


- G677 Cylinder 1 combustion chamber pressure sender
- G678 Cylinder 2 combustion chamber pressure sender
- G679 Cylinder 3 combustion chamber pressure sender
- G680 Cylinder 4 combustion chamber pressure sender
- J623 Engine/motor control unit
- Q10 Glow plug 1
- Q11 Glow plug 2
- Q12 Glow plug 3
- Q13 Glow plug 4
- T4df 4-pin connector
- T4dg 4-pin connector
- T4dh 4-pin connector
- T4di 4-pin connector
- T14 14-pin connector
- T60 60-pin connector

- 217 Earth connection 1, in glow plug system wiring harness
- F30 Connection 1, in glow plug system wiring harness



* see applicable current flow diagram for fuel system
*2 For models with 4 doors
*3 For models with 5 doors



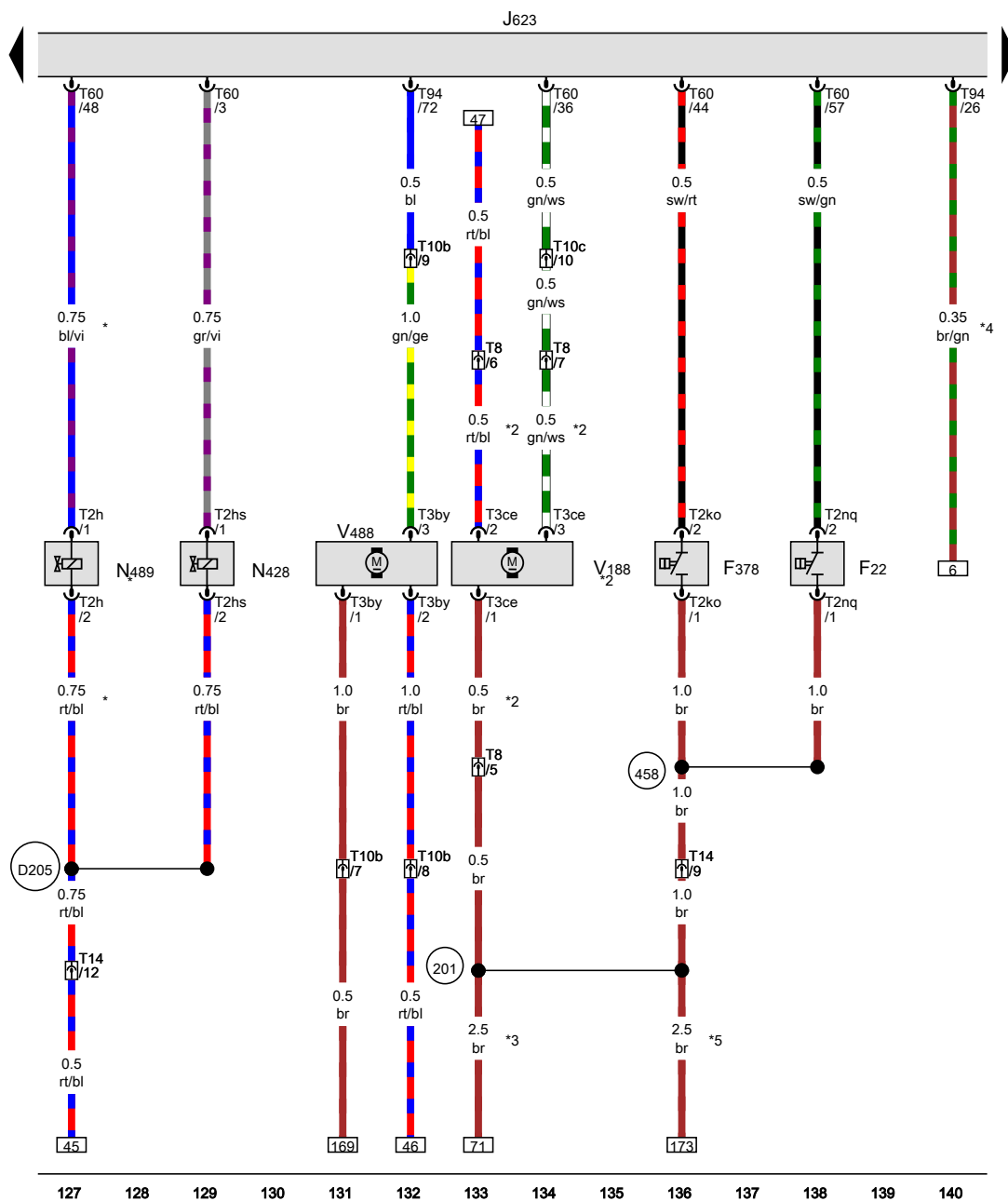
Engine/motor control unit, Charge pressure control solenoid valve, Heater element for crankcase breather, Camshaft control valve 1, Fuel pressure regulating valve, Fuel metering valve, Exhaust gas recirculation cooler changeover valve

- J623 Engine/motor control unit
- N75 Charge pressure control solenoid valve
- N79 Heater element for crankcase breather
- N205 Camshaft control valve 1
- N276 Fuel pressure regulating valve
- N290 Fuel metering valve
- N345 Exhaust gas recirculation cooler changeover valve
- T2hr 2-pin connector
- T2hw 2-pin connector
- T2ia 2-pin connector
- T2ja 2-pin connector
- T2kk 2-pin connector
- T2nl 2-pin connector
- T4g 4-pin connector
- T14 14-pin connector
- T60 60-pin connector
- T94 94-pin connector

D206 Connection 4 (87a) in engine prewiring harness

- * Radiator fan connection
- *2 see applicable current flow diagram for radiator fan
- *3 see applicable current flow diagram for battery in engine compartment

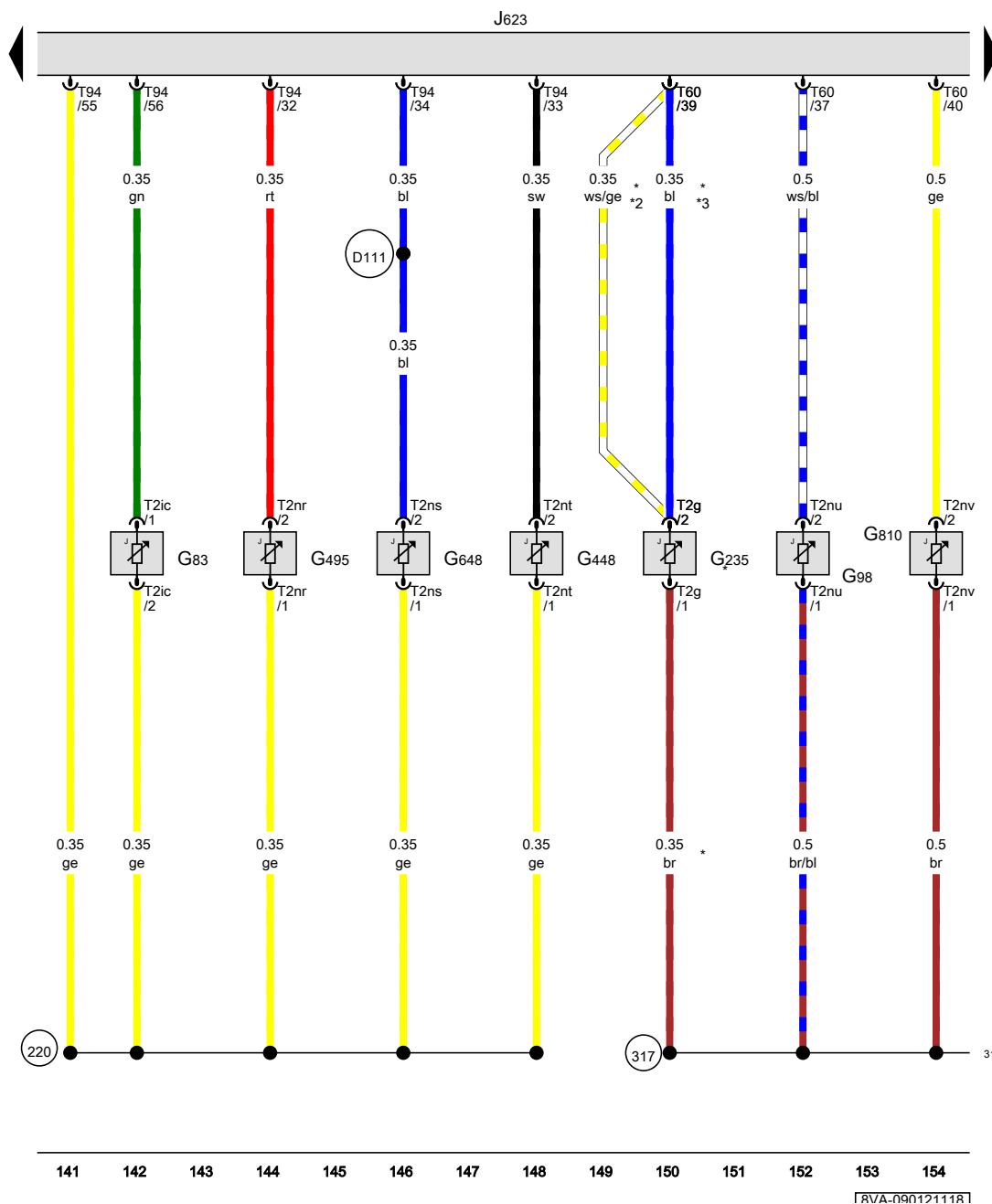
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
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- rs = pink



Oil pressure switch, Oil pressure switch for reduced oil pressure, Engine/motor control unit, Valve for oil pressure control, Coolant valve for cylinder head, Charge air cooling pump, Auxiliary pump for heating

- F22 Oil pressure switch
- F378 Oil pressure switch for reduced oil pressure
- J623 Engine/motor control unit
- N428 Valve for oil pressure control
- N489 Coolant valve for cylinder head
- T2h 2-pin connector
- T2hs 2-pin connector
- T2ko 2-pin connector
- T2nq 2-pin connector
- T3by 3-pin connector
- T3ce 3-pin connector
- T8 8-pin connector
- T10b 10-pin connector
- T10c 10-pin connector
- T14 14-pin connector, near front left longitudinal member
- T60 60-pin connector
- T94 94-pin connector
- V188 Charge air cooling pump
- V488 Auxiliary pump for heating
- (201) Earth connection 5, in engine compartment wiring harness
- (458) Earth point 3, engine prewiring harness
- (D205) Connection 3 (87a) in engine prewiring harness
- * Pre-wired component
- *2 Wiring colour depends on equipment
- *3 Gradually discontinued
- *4 see applicable current flow diagram for battery in engine compartment
- *5 gradual introduction

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Radiator outlet coolant temperature sender, Exhaust gas recirculation temperature sensor, Exhaust gas temperature sender 1, Exhaust gas temperature sender 2, Exhaust gas temperature sender 3, Exhaust gas temperature sender 4, Charge air temperature sender before charge air cooler, Engine/motor control unit

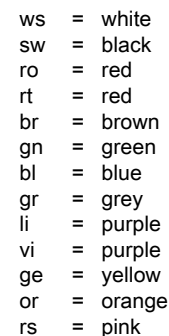
- G83 Radiator outlet coolant temperature sender
- G98 Exhaust gas recirculation temperature sensor
- G235 Exhaust gas temperature sender 1
- G448 Exhaust gas temperature sender 2
- G495 Exhaust gas temperature sender 3
- G648 Exhaust gas temperature sender 4
- G810 Charge air temperature sender before charge air cooler
- J623 Engine/motor control unit
- T2g 2-pin connector
- T2ic 2-pin connector
- T2nr 2-pin connector
- T2ns 2-pin connector
- T2nt 2-pin connector
- T2nu 2-pin connector
- T2nv 2-pin connector
- T60 60-pin connector
- T94 94-pin connector

220 Earth connection (sender earth), in engine wiring harness

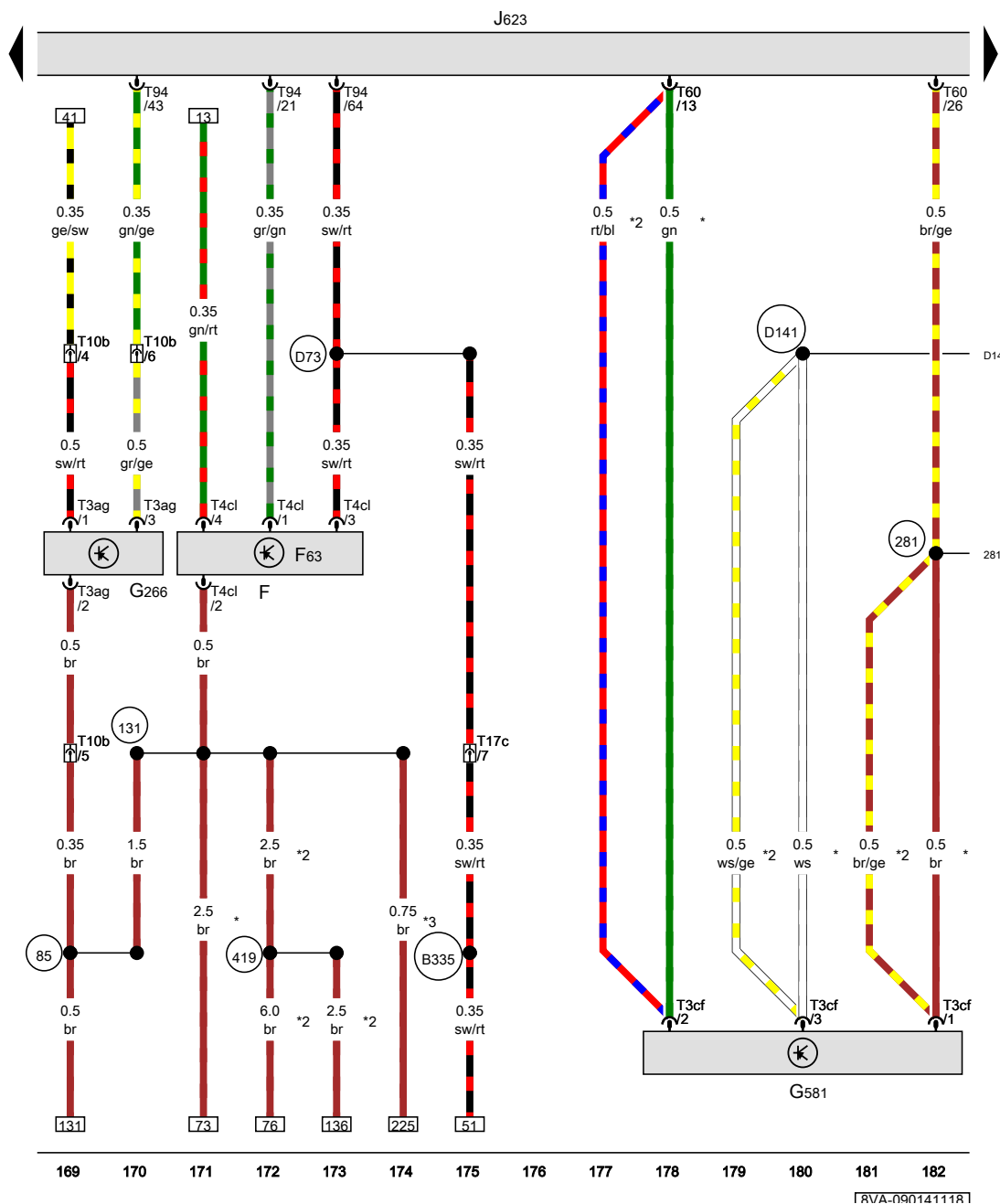
317 Earth connection 7, in engine compartment wiring harness

D111 Connection 9 in engine compartment wiring harness

- * Pre-wired component
- *2 gradual introduction
- *3 Gradually discontinued



- * Wiring colour depends on equipment
- *2 Up to October 2018
- *3 gradual introduction
- *4 Gradually discontinued
- *5 From November 2018

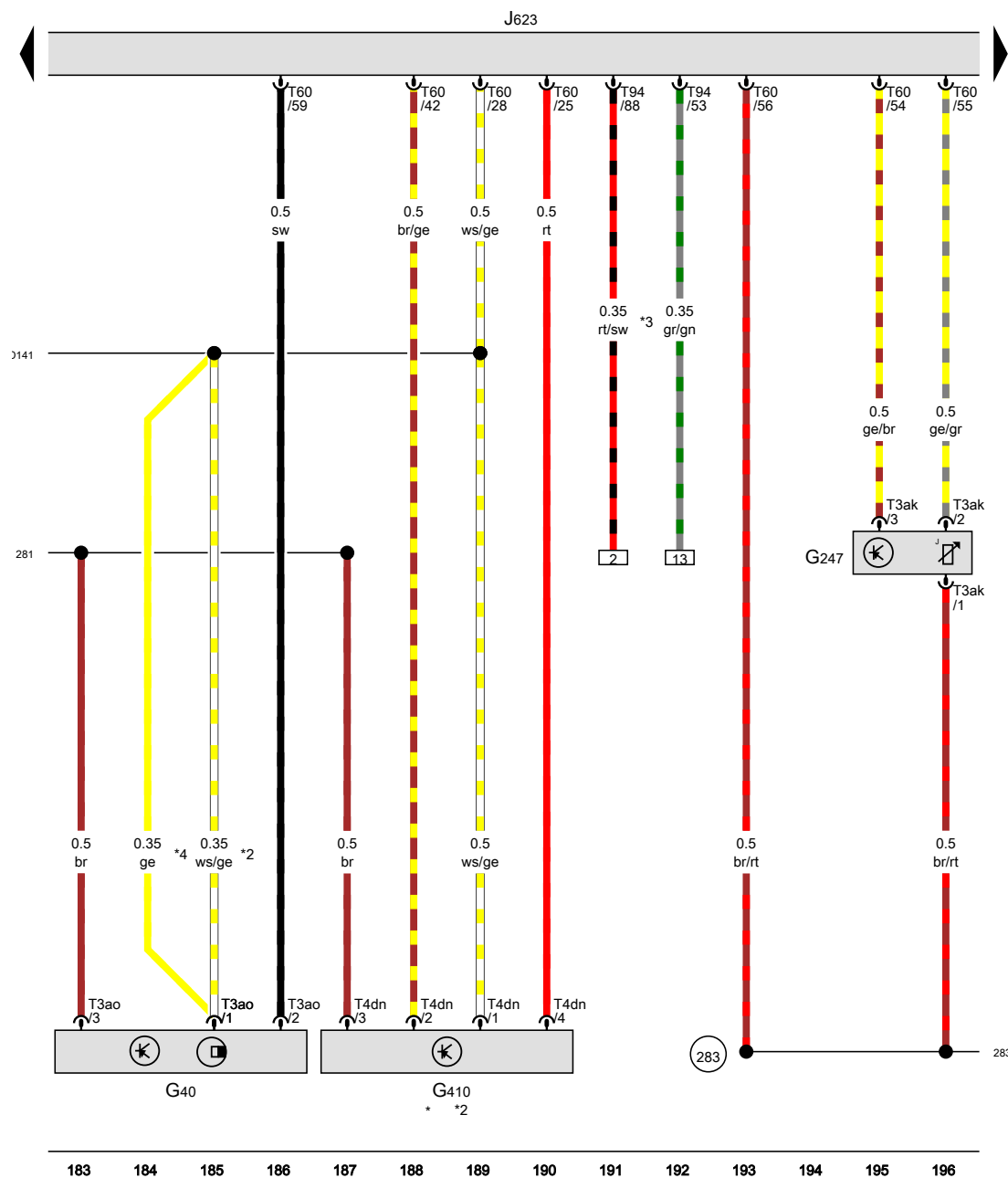


Brake light switch, Brake pedal switch, Oil level and oil temperature sender, Position sender for charge pressure positioner, Engine/motor control unit

- F Brake light switch
- F63 Brake pedal switch
- G266 Oil level and oil temperature sender
- G581 Position sender for charge pressure positioner
- J623 Engine/motor control unit
- T3ag 3-pin connector
- T3cf 3-pin connector
- T4cl 4-pin connector
- T10b 10-pin connector
- T17c 17-pin connector
- T60 60-pin connector
- T94 94-pin connector
- 85 Earth connection 1, in engine compartment wiring harness
- 131 Earth connection 2, in engine compartment wiring harness
- 281 Earth point 1, engine prewiring harness
- 419 Earth connection 11, in engine compartment wiring harness
- B335 Connection 1 (54), in main wiring harness
- D73 Positive connection (54), in engine compartment wiring harness
- D141 Connection (5V) in engine prewiring harness

* Gradually discontinued
 *2 gradual introduction
 *3 For right-hand drive models

ws = white
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 ro = red
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 gr = grey
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 rs = pink



Hall sender, Fuel pressure sender, Fuel pressure sender for low pressure, Engine/motor control unit

- G40 Hall sender
- G247 Fuel pressure sender
- G410 Fuel pressure sender for low pressure
- J623 Engine/motor control unit
- T3ak 3-pin connector
- T3ao 3-pin connector
- T4dn 4-pin connector
- T60 60-pin connector
- T94 94-pin connector

281 Earth point 1, engine prewiring harness

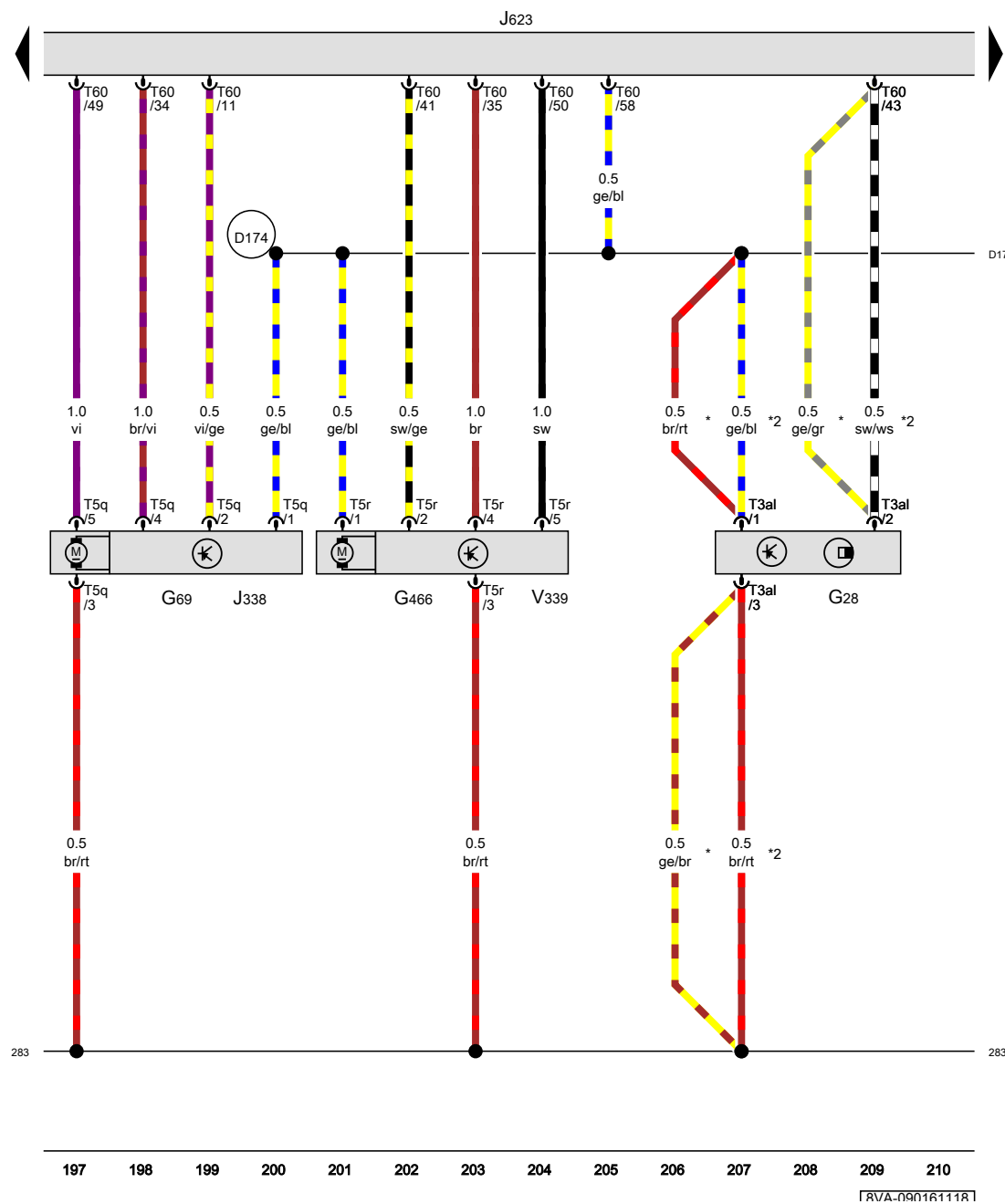
283 Earth point 2, engine prewiring harness

D141 Connection (5V) in engine prewiring harness

- * If fitted
- *2 gradual introduction
- *3 see applicable current flow diagram for battery in engine compartment
- *4 Gradually discontinued

ws = white
sw = black
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br = brown
gn = green
bl = blue
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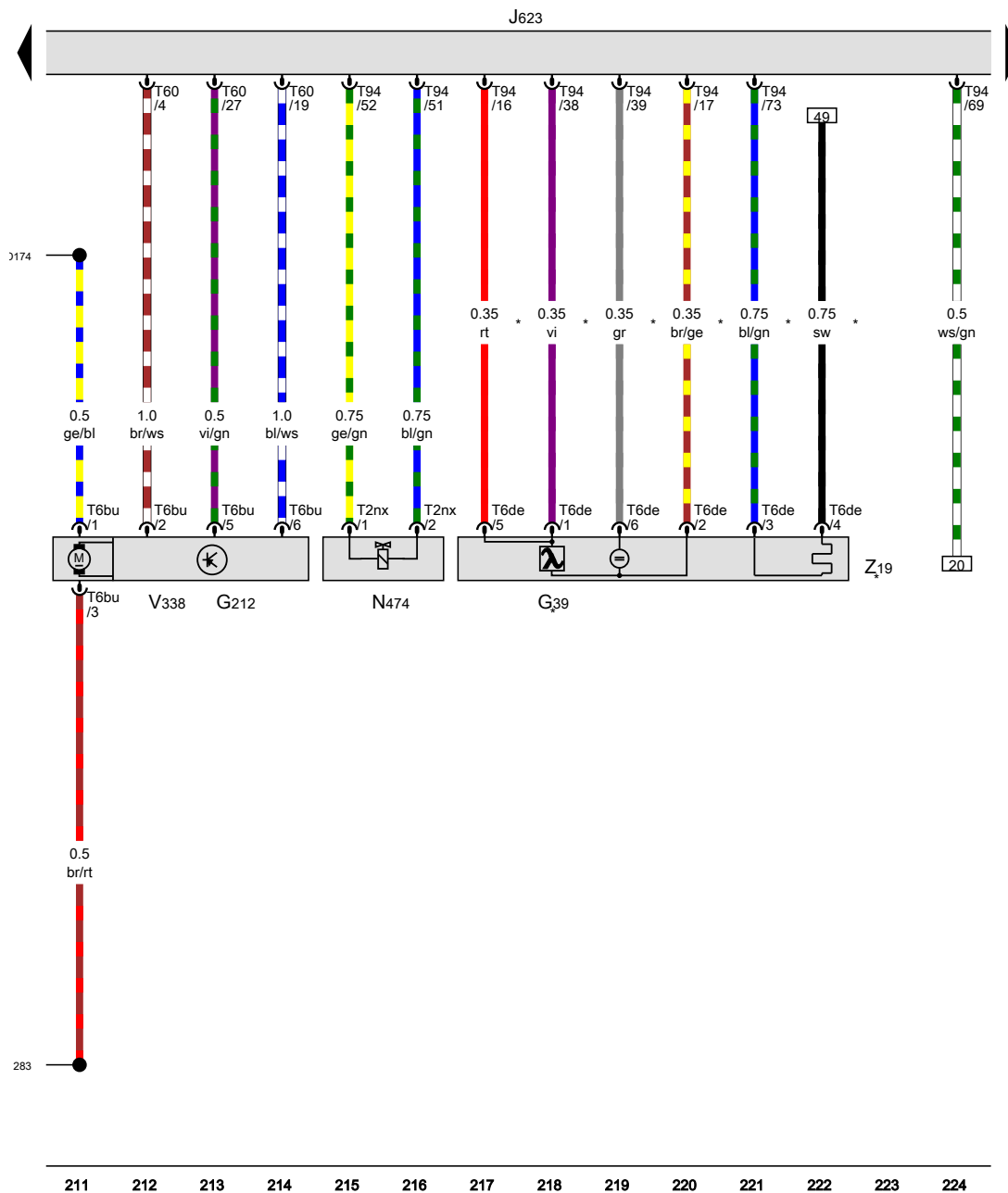
Engine speed sender, Throttle valve potentiometer, Exhaust gas recirculation potentiometer 2, Throttle valve module, Engine/motor control unit, Exhaust gas recirculation control motor 2

- G28 Engine speed sender
- G69 Throttle valve potentiometer
- G466 Exhaust gas recirculation potentiometer 2
- J338 Throttle valve module
- J623 Engine/motor control unit
- T3al 3-pin connector
- T5q 5-pin connector
- T5r 5-pin connector
- T60 60-pin connector
- V339 Exhaust gas recirculation control motor 2

283 Earth point 2, engine prewiring harness

D174 Connection 2 (5V) in engine prewiring harness

- * Gradually discontinued
- *2 gradual introduction



Lambda probe, Engine/motor control unit, Injector for reducing agent, Exhaust gas recirculation control motor, Lambda probe heater

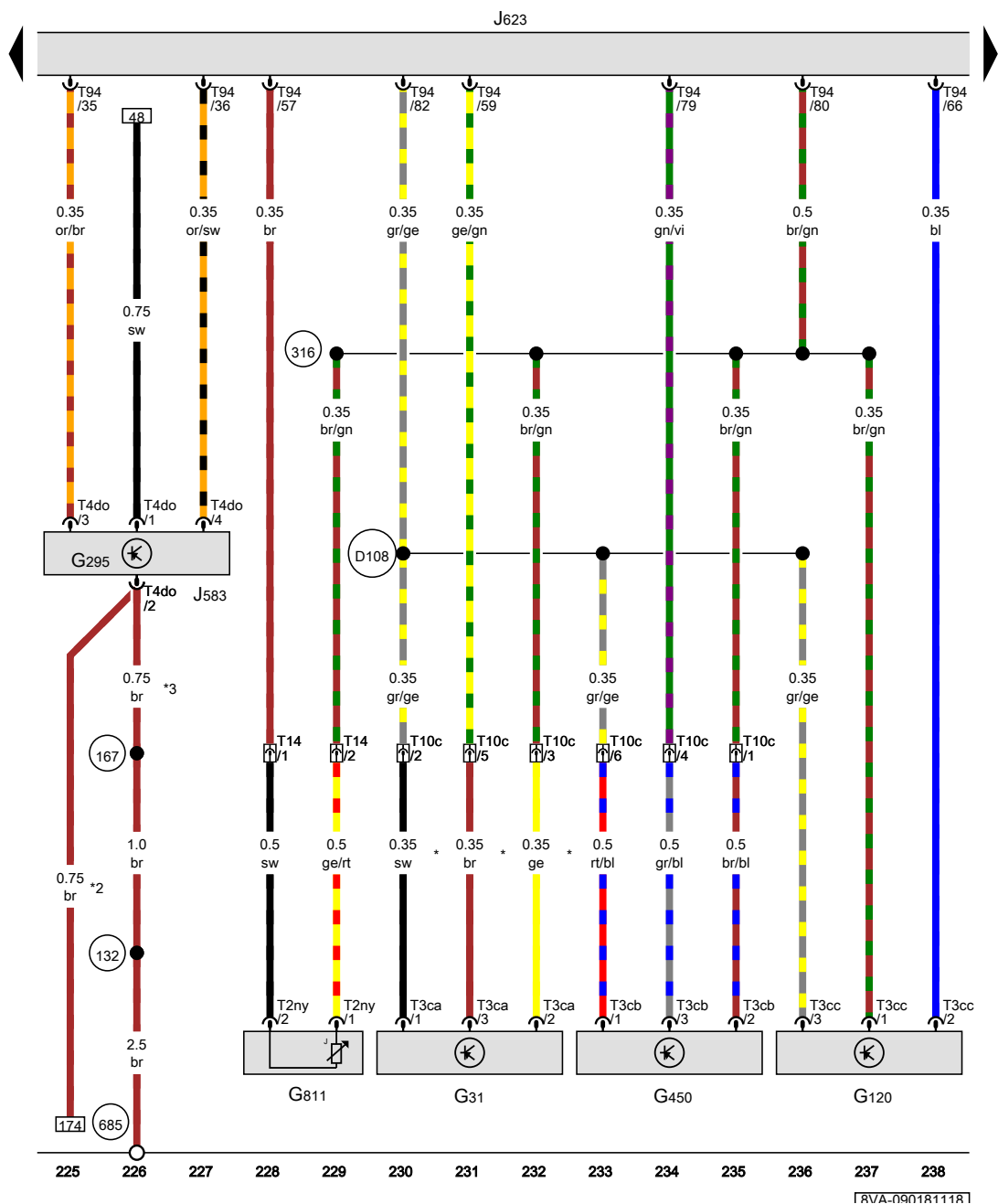
- G39 Lambda probe
- G212 Exhaust gas recirculation potentiometer
- J623 Engine/motor control unit
- N474 Injector for reducing agent
- T2nx 2-pin connector
- T6bu 6-pin connector
- T6de 6-pin connector
- T60 60-pin connector
- T94 94-pin connector
- V338 Exhaust gas recirculation control motor
- Z19 Lambda probe heater

283 Earth point 2, engine prewiring harness

D174 Connection 2 (5V) in engine prewiring harness

* Pre-wired component

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- vi = purple
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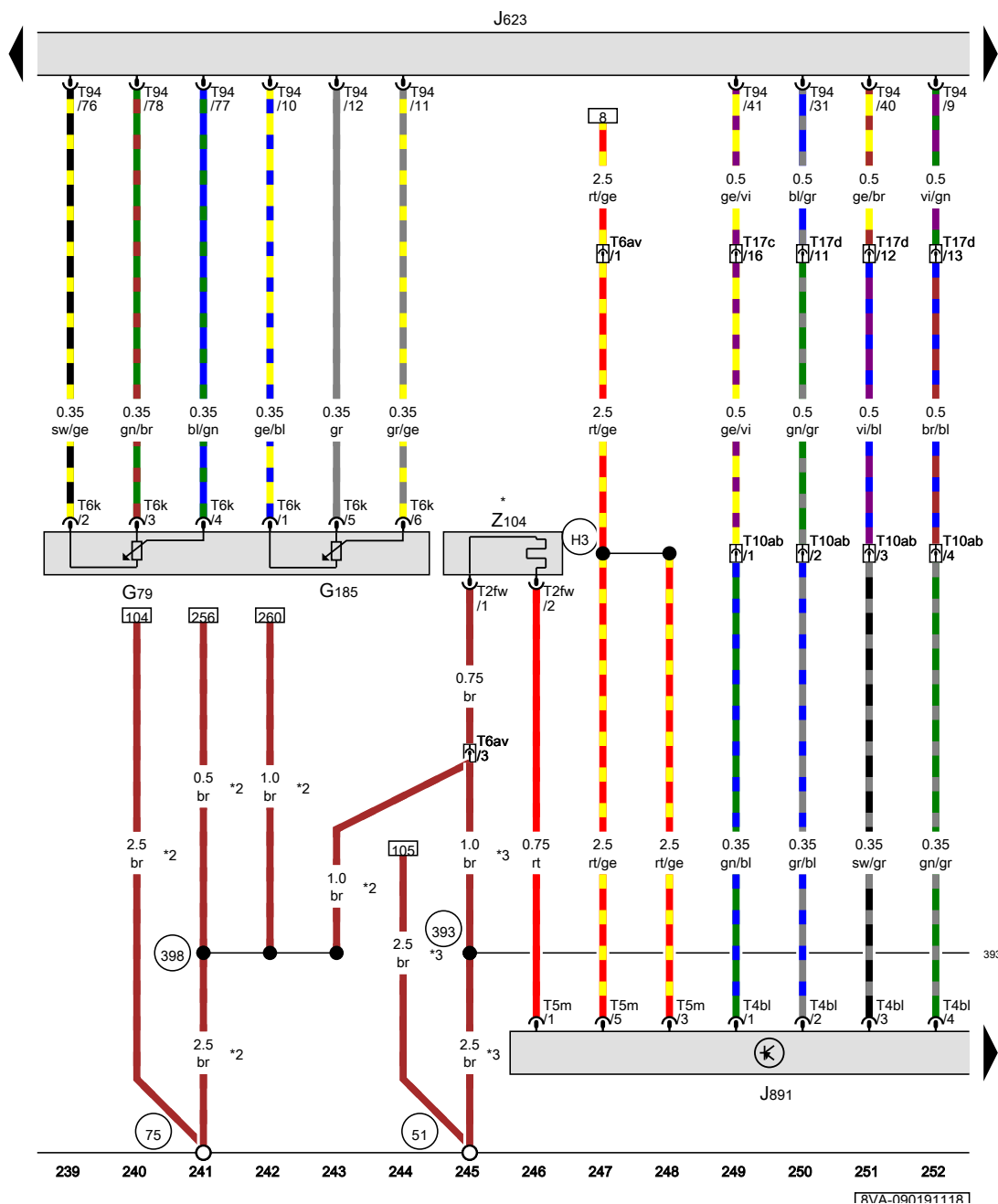


Charge pressure sender, Water level sender, Exhaust gas pressure sensor 1, Charge air temperature sender after charge air cooler, Control unit for NOx sender, Engine/motor control unit

- G31 Charge pressure sender
- G120 Water level sender
- G295 NOx sender
- G450 Exhaust gas pressure sensor 1
- G811 Charge air temperature sender after charge air cooler
- J583 Control unit for NOx sender
- J623 Engine/motor control unit
- T2ny 2-pin connector
- T3ca 3-pin connector
- T3cb 3-pin connector
- T3cc 3-pin connector
- T4do 4-pin connector
- T10c 10-pin connector
- T14 14-pin connector
- T94 94-pin connector

- 132 Earth connection 3, in engine compartment wiring harness
- 167 Earth connection 4, in engine compartment wiring harness
- 316 Earth connection (sender earth 2) in engine wiring harness
- 685 Earth point 1, on front of right longitudinal member
- D108 Connection 6 in engine compartment wiring harness

- * Wiring colour depends on equipment
- *2 For right-hand drive models
- *3 For left-hand drive models



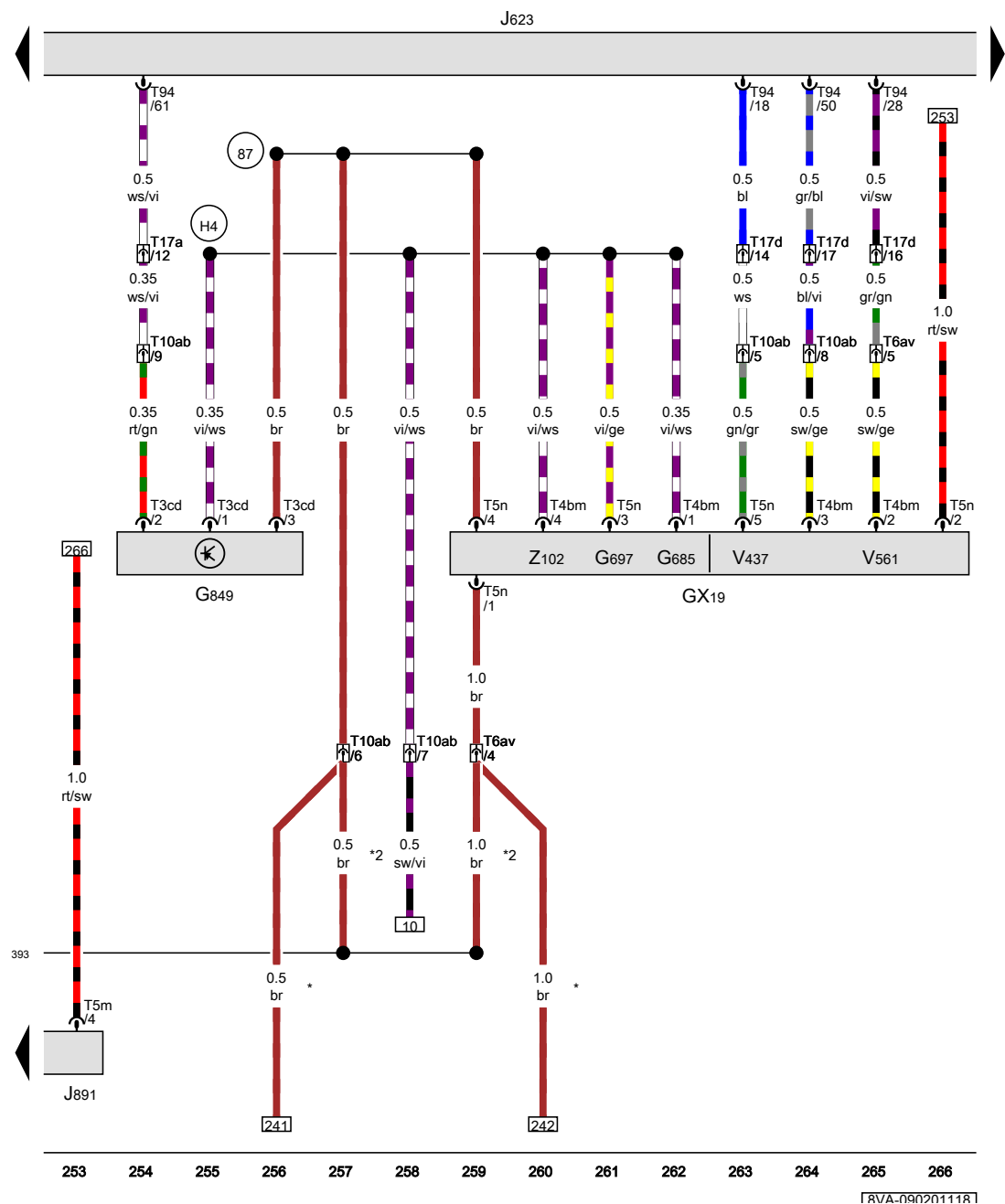
Accelerator position sender, Accelerator position sender 2, Engine/motor control unit, Heater for reducing agent line (heater circuit 2)

- G79 Accelerator position sender
- G185 Accelerator position sender 2
- J623 Engine/motor control unit
- J891 Control unit for reducing agent heater
- T2fw 2-pin connector
- T4bl 4-pin connector
- T5m 5-pin connector
- T6av 6-pin connector
- T6k 6-pin connector
- T10ab 10-pin connector
- T17c 17-pin connector
- T17d 17-pin connector
- T94 94-pin connector
- Z104 Heater for reducing agent line (heater circuit 2)

- 51 Earth point, on right in luggage compartment
- 75 Earth point, rear right pillar
- 393 Earth connection 28, in main wiring harness
- 398 Earth connection 33, in main wiring harness
- H3 Connection 1 in wiring harness for reducing agent tank

- * Heater for reducing agent line can comprise multiple sections
- *2 For models with 5 doors
- *3 For models with 4 doors

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Delivery unit for reducing agent metering system, Reducing agent level sender, Engine/motor control unit, Pump for reducing agent, Reducing agent return flow pump

- GX19 Delivery unit for reducing agent metering system
- G685 Temperature sender for reducing agent
- G697 Reducing agent level sender
- G849 Reducing agent quality sensor
- J623 Engine/motor control unit
- J891 Control unit for reducing agent heater
- T3cd 3-pin connector
- T4bm 4-pin connector
- T5m 5-pin connector
- T5n 5-pin connector
- T6av 6-pin connector
- T10ab 10-pin connector
- T17a 17-pin connector
- T17d 17-pin connector
- T94 94-pin connector
- V437 Pump for reducing agent
- V561 Reducing agent return flow pump
- Z102 Heater for reducing agent tank (heater circuit 1)

- 87 Earth connection 2, in rear wiring harness
- 393 Earth connection 28, in main wiring harness
- H4 Connection 2 in wiring harness for reducing agent tank

- * For models with 5 doors
- *2 For models with 4 doors

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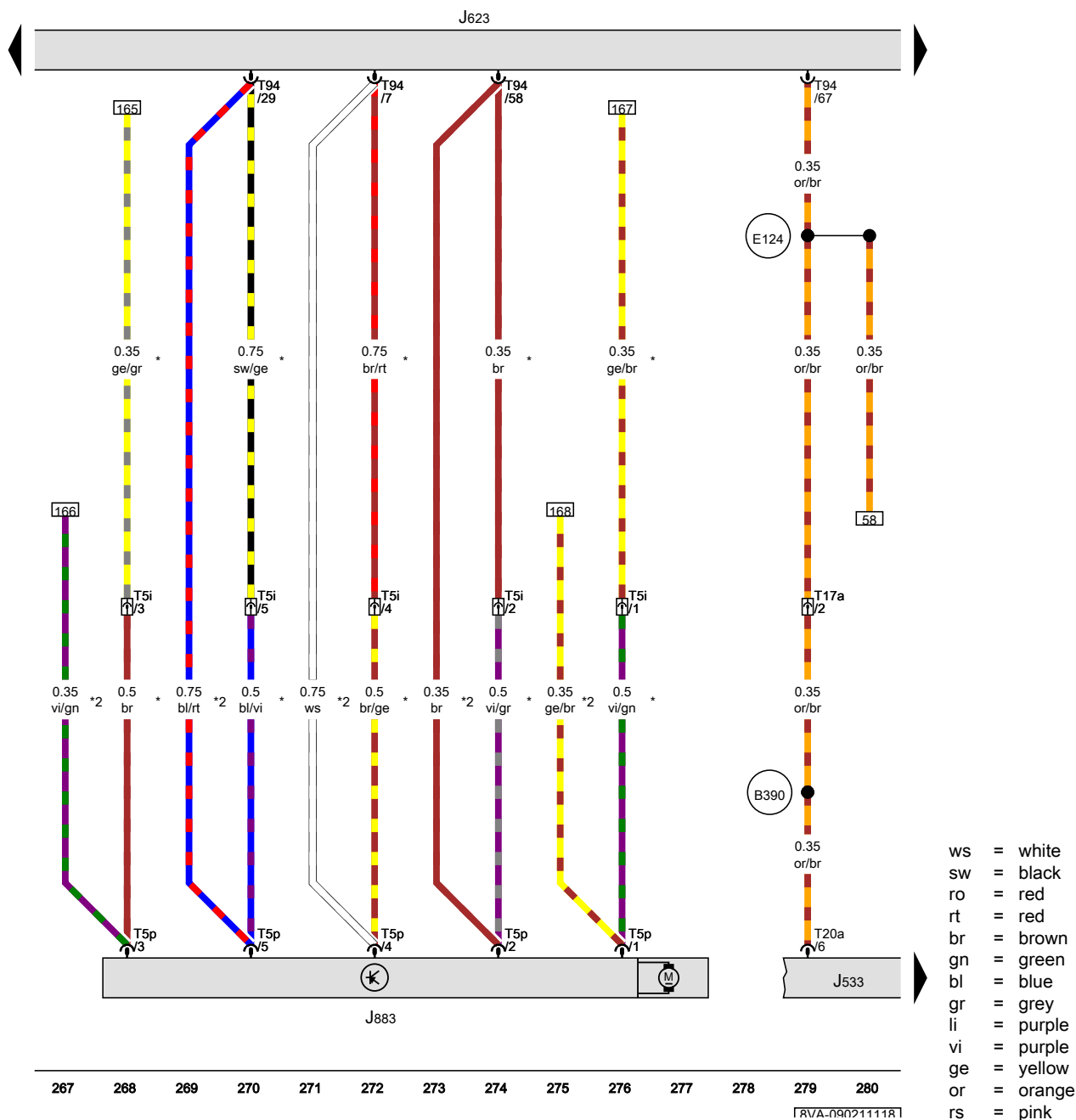
Data bus diagnostic interface, Engine/motor control unit, Exhaust flap control unit

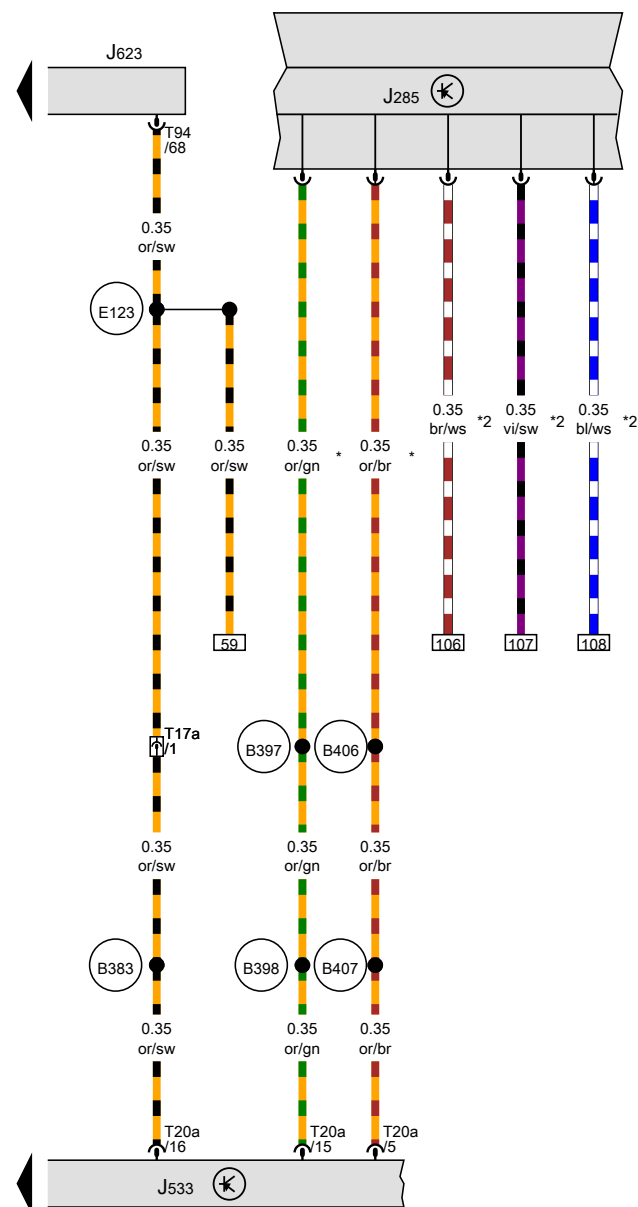
- J533 Data bus diagnostic interface
- J623 Engine/motor control unit
- J883 Exhaust flap control unit
- T5i 5-pin connector
- T5p 5-pin connector
- T17a 17-pin connector
- T20a 20-pin connector
- T94 94-pin connector

B390 Connection 1 (powertrain CAN bus, low), in main wiring harness

E124 Connection 1 (powertrain CAN bus, low), in engine wiring harness

- * Up to October 2018
- *2 From November 2018





Control unit in dash panel insert, Data bus diagnostic interface, Engine/motor control unit

- J285 Control unit in dash panel insert
- J533 Data bus diagnostic interface
- J623 Engine/motor control unit
- T17a 17-pin connector
- T20a 20-pin connector
- T94 94-pin connector

- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness
- E123 Connection 1 (powertrain CAN bus, high), in engine wiring harness

- * see applicable current flow diagram for dash panel insert
- *2 see applicable current flow diagram for fuel system

ws = white
 sw = black
 ro = red
 rt = red
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 or = orange
 rs = pink

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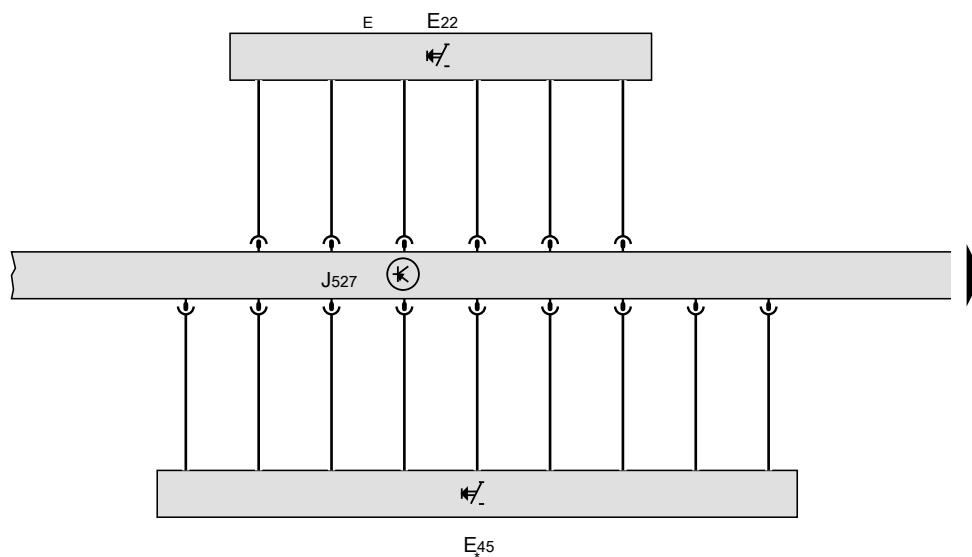
[8V/A-090221118]

Basic equipment, right-hand drive , (L0R)

From November 2013

Intermittent wiper switch, Cruise control system switch,
Steering column electronics control unit

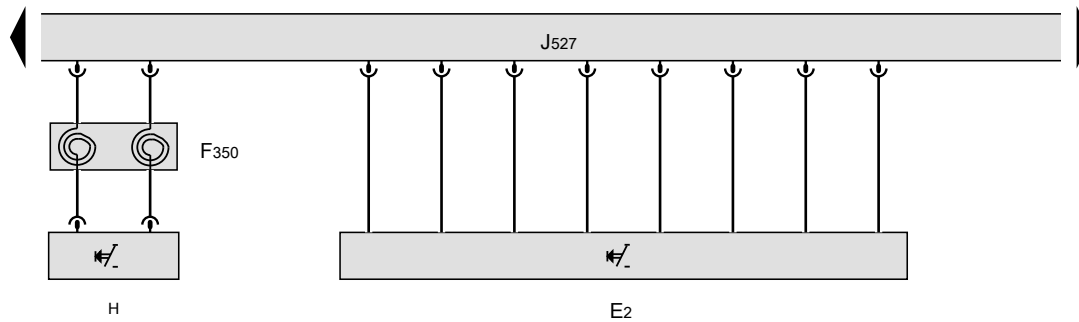
- E Windscreen wiper switch
- E22 Intermittent wiper switch
- E45 Cruise control system switch
- J527 Steering column electronics control unit
- * For models with cruise control system (CCS)



- ws = white
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Turn signal switch, Horn plate, Steering column electronics control unit

- E2 Turn signal switch
- F350 Coil connector
- H Horn plate
- J527 Steering column electronics control unit



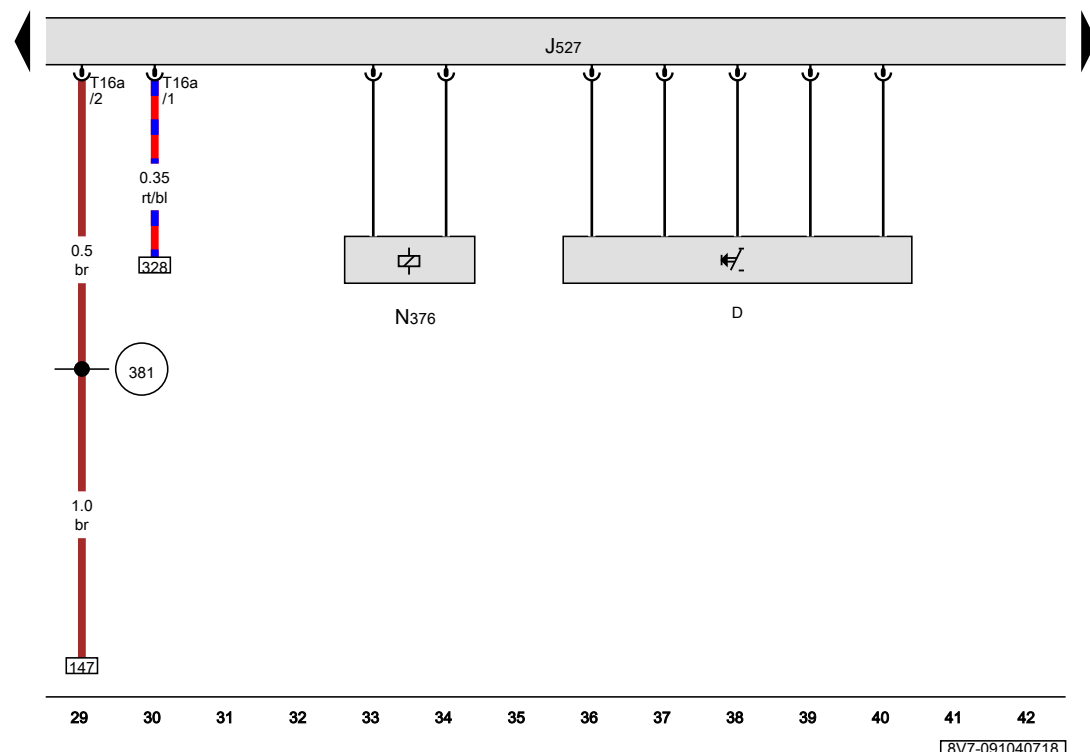
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- vi = purple
- ge = yellow
- or = orange
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15 16 17 18 19 20 21 22 23 24 25 26 27 28

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Ignition/starter switch, Steering column electronics control unit

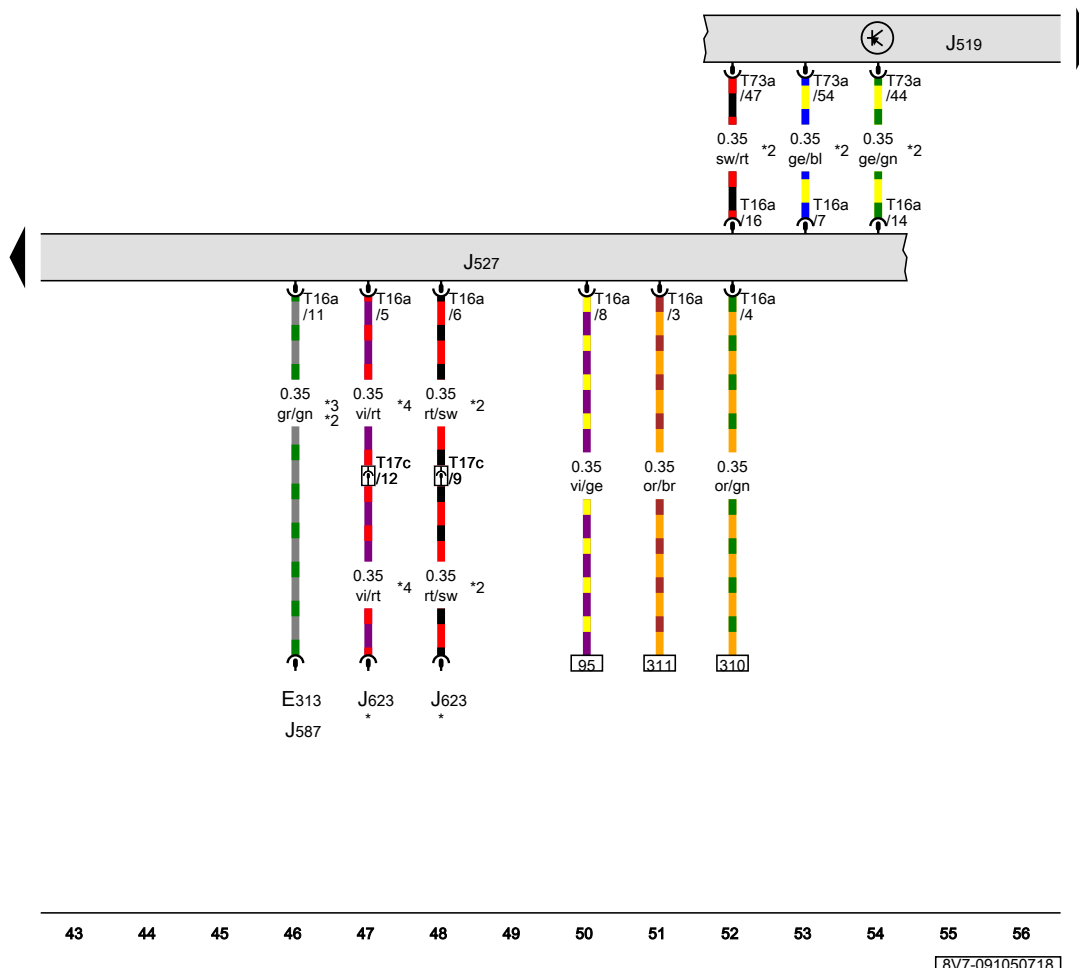
- D Ignition/starter switch
- J527 Steering column electronics control unit
- N376 Ignition key withdrawal lock solenoid
- T1 1-pin connector, black
- T16a 16-pin connector
- 381 Earth connection 16, in main wiring harness



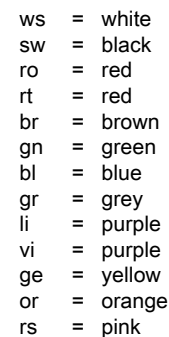
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Onboard supply control unit, Steering column electronics control unit

- E313 Selector lever
- J519 Onboard supply control unit
- J527 Steering column electronics control unit
- J587 Selector lever sensors control unit
- J623 Engine/motor control unit
- T16a 16-pin connector
- T17c 17-pin connector
- T73a 73-pin connector
- * see applicable current flow diagram for engine
- *2 For models with no entry and start authorisation
- *3 see applicable current flow diagram for automatic gearbox
- *4 For models with cruise control system (CCS)



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J234	Airbag control unit
J519	Onboard supply control unit
T16	16-pin connector
T73a	73-pin connector
T73c	73-pin connector
T90	90-pin connector

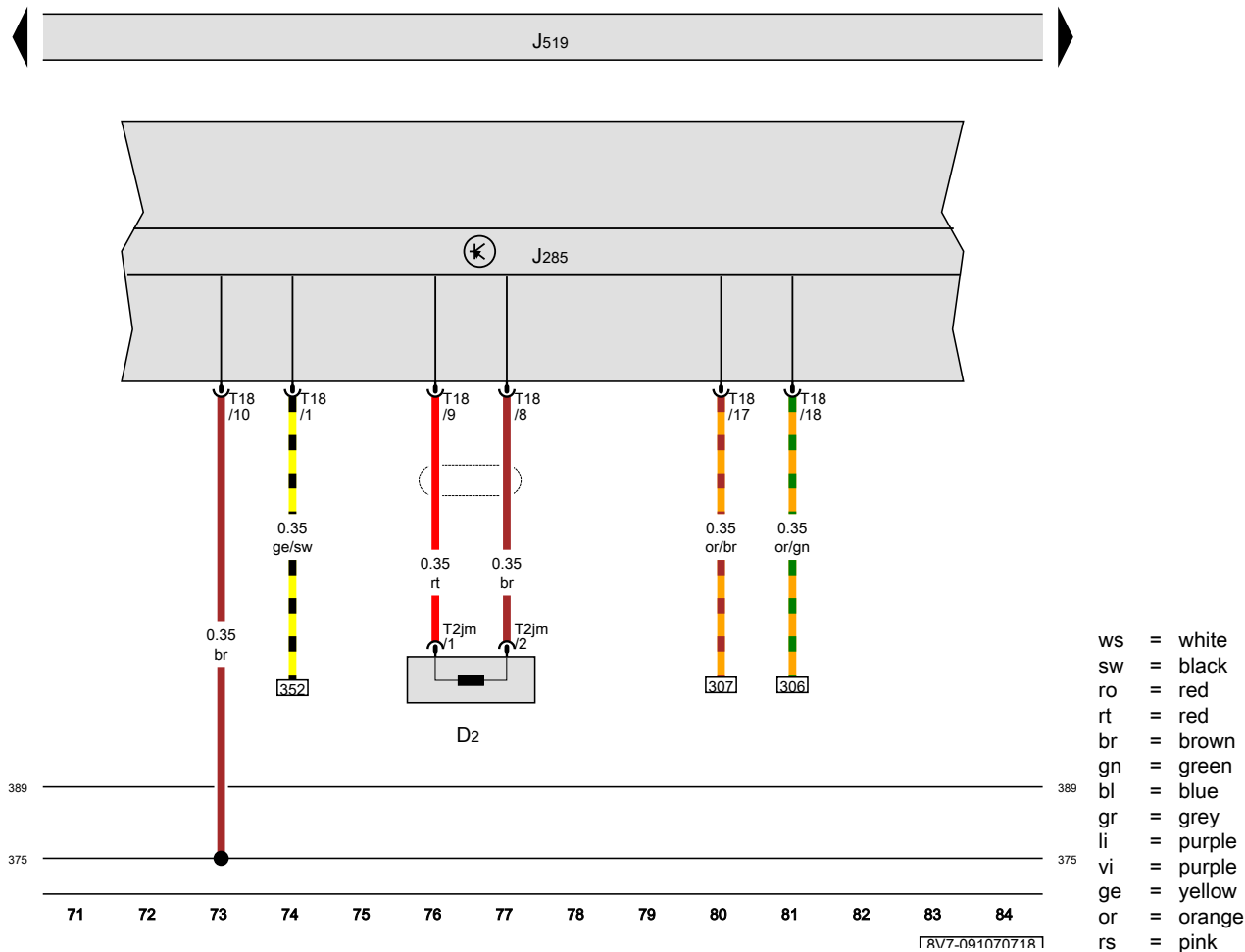
- 369 Earth connection 4, in main wiring harness
- 375 Earth connection 10, in main wiring harness
- 389 Earth connection 24, in main wiring harness
- 639 Earth point, left A-pillar
- * Diagnostic connection

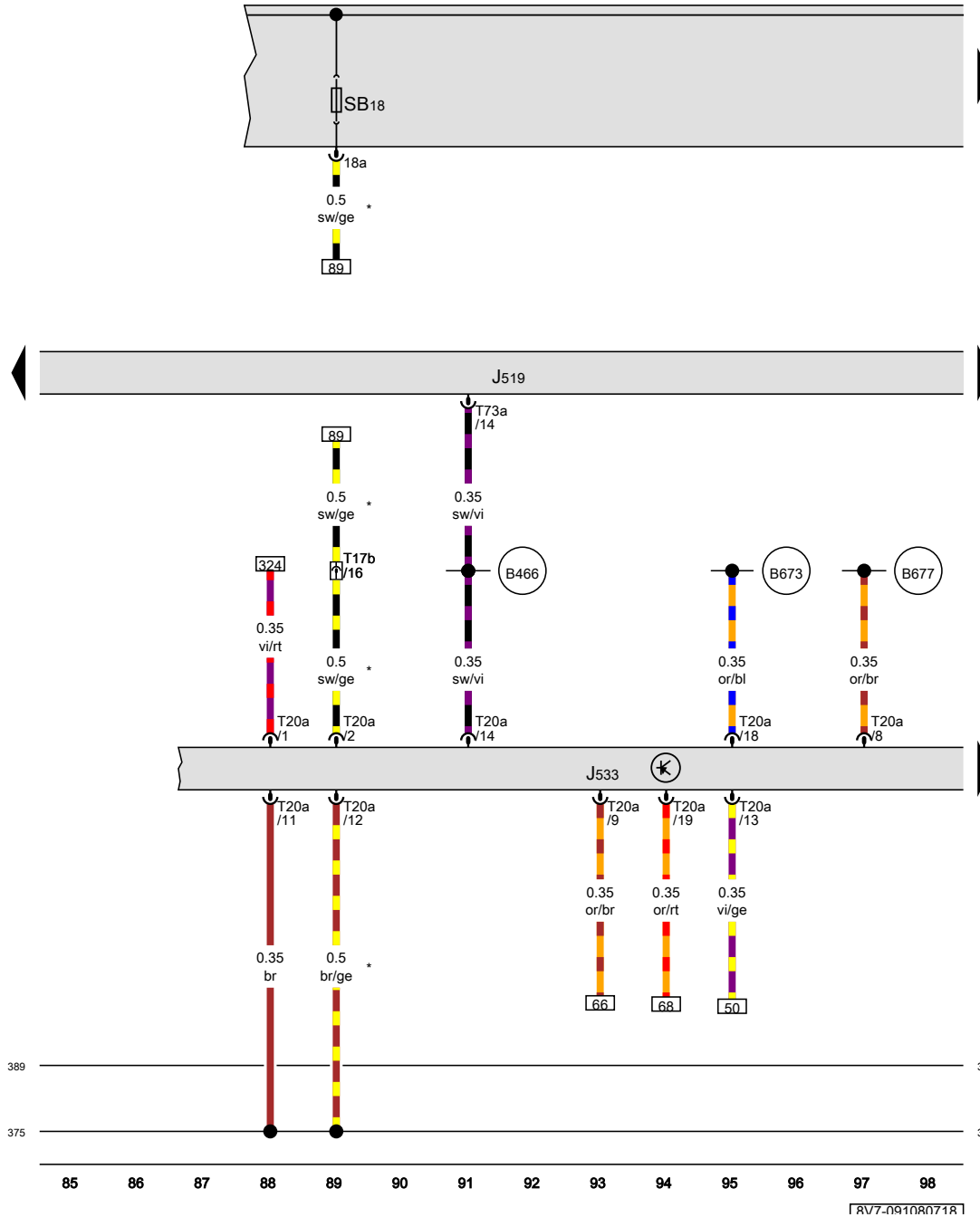
Control unit in dash panel insert, Onboard supply control unit

- D2 Immobiliser reader coil
- J285 Control unit in dash panel insert
- J519 Onboard supply control unit
- T2jm 2-pin connector
- T18 18-pin connector

375 Earth connection 10, in main wiring harness

389 Earth connection 24, in main wiring harness





Onboard supply control unit, Data bus diagnostic interface

- J519 Onboard supply control unit
- J533 Data bus diagnostic interface
- SB18 Fuse 18 on fuse holder B
- T17b 17-pin connector
- T20a 20-pin connector
- T73a 73-pin connector

375 Earth connection 10, in main wiring harness

389 Earth connection 24, in main wiring harness

B466 Connection 2, in main wiring harness

B673 Connection 2 (running gear/dash panel insert CAN bus, high), in main wiring harness

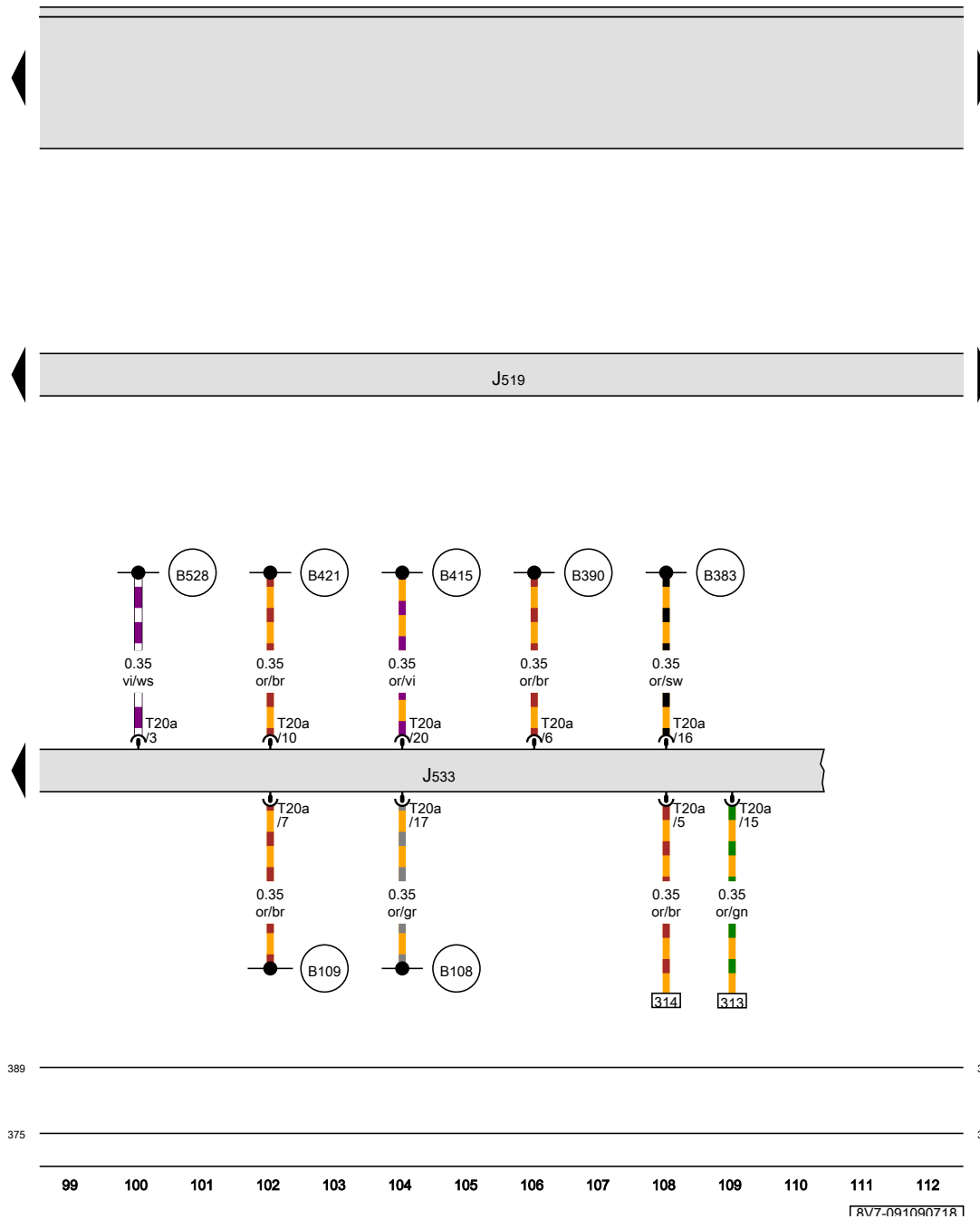
B677 Connection 2 (running gear/dash panel insert CAN bus, low), in main wiring harness

* For models with no start/stop system

Onboard supply control unit, Data bus diagnostic interface

J519 Onboard supply control unit
J533 Data bus diagnostic interface
T20a 20-pin connector

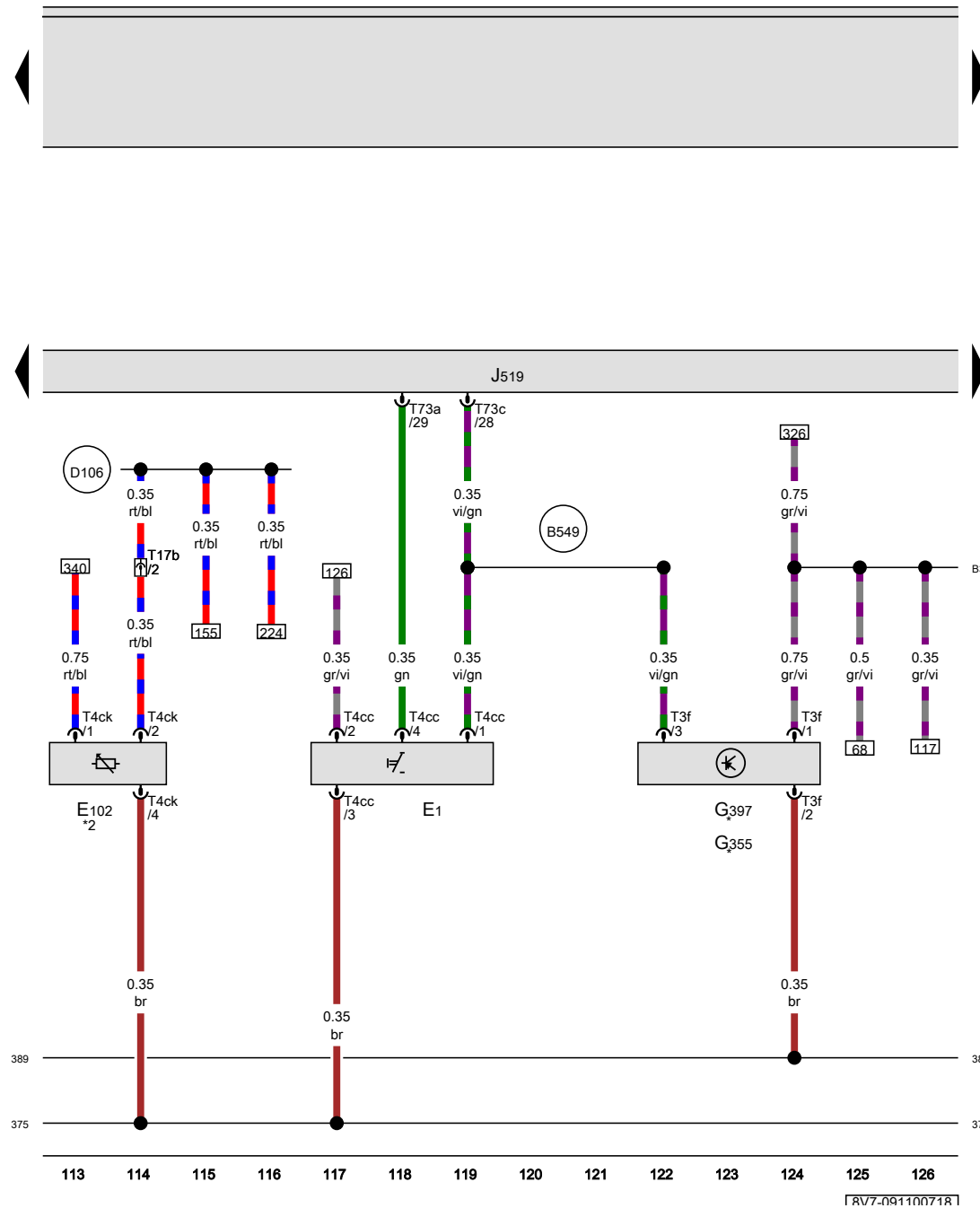
- 375 Earth connection 10, in main wiring harness
- 389 Earth connection 24, in main wiring harness
- B108 Connection 1 (CAN bus extended high), in main wiring harness
- B109 Connection 1 (CAN bus extended low), in main wiring harness
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- B415 Connection 1 (infotainment CAN bus, high), in main wiring harness
- B421 Connection 1 (infotainment CAN bus, low), in main wiring harness
- B528 Connection 1 (LIN bus) in main wiring harness



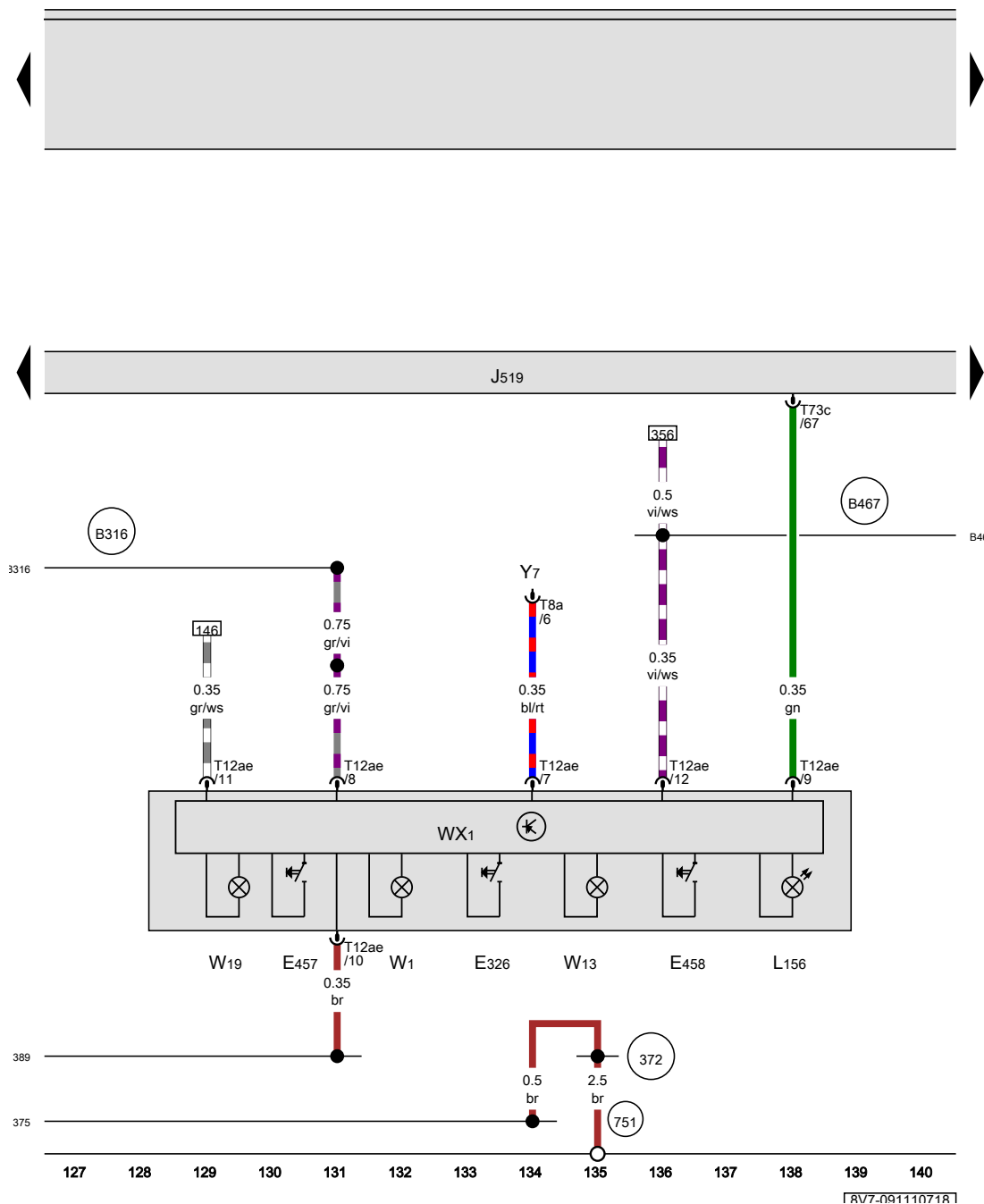
Light switch, Rain and light sensor, Onboard supply control unit

- E1 Light switch
- E102 Headlight range control regulator
- G355 Humidity sender
- G397 Rain and light sensor
- J519 Onboard supply control unit
- T3f 3-pin connector
- T4cc 4-pin connector
- T4ck 4-pin connector
- T17b 17-pin connector
- T73a 73-pin connector
- T73c 73-pin connector

- 375 Earth connection 10, in main wiring harness
- 389 Earth connection 24, in main wiring harness
- B316 Positive connection 2 (30a) in main wiring harness
- B549 Connection 2 (LIN bus) in main wiring harness
- D106 Connection 4 in engine compartment wiring harness
- * According to equipment
- *2 For models with no automatic headlight range control



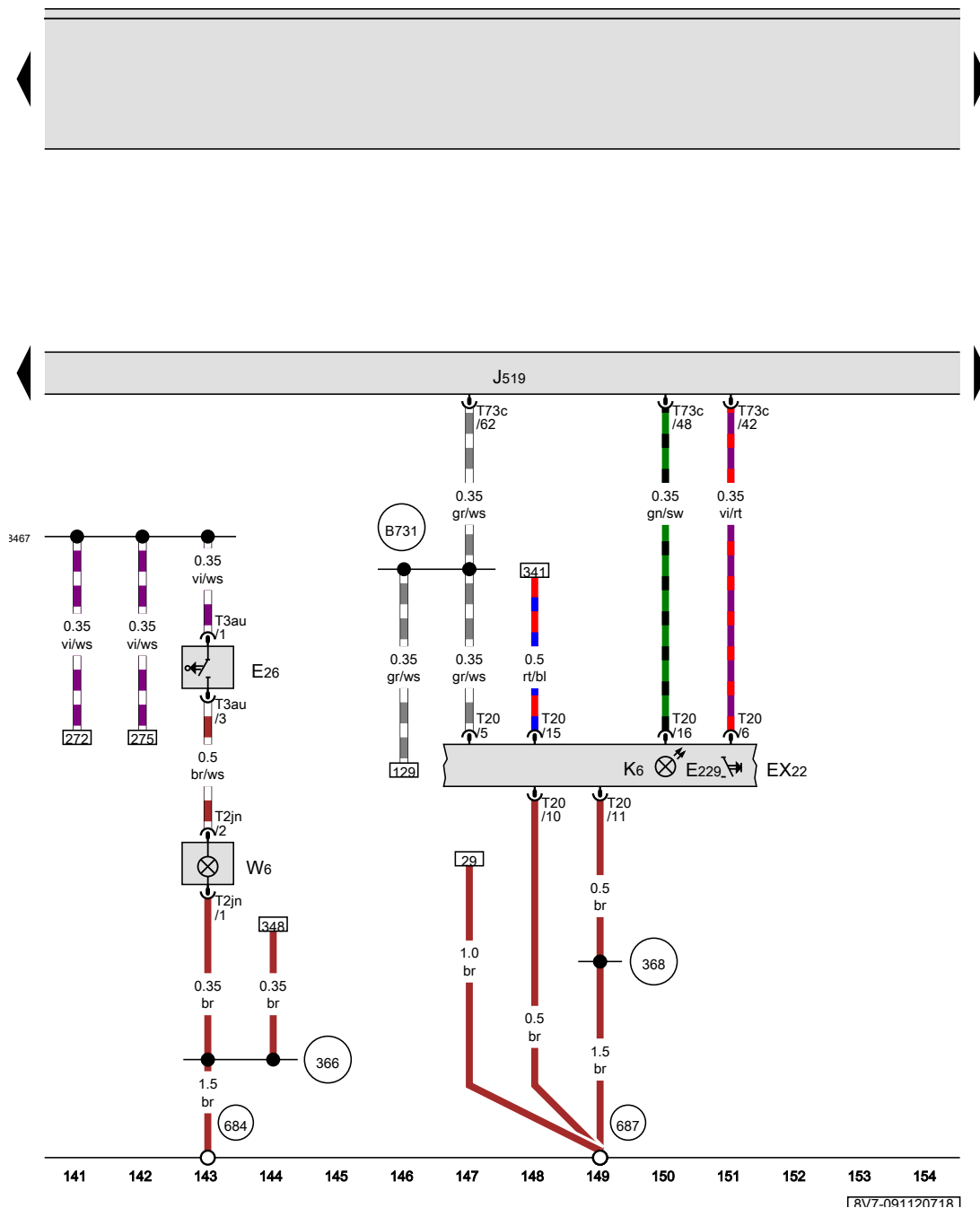
ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



Onboard supply control unit, Front interior light

- E326 Front interior light button
- E457 Driver side reading light button
- E458 Front passenger side reading light button
- J519 Onboard supply control unit
- L156 Switch illumination bulb
- T8a 8-pin connector
- T12ae 12-pin connector
- T73c 73-pin connector
- WX1 Front interior light
- W1 Front interior light
- W13 Front passenger reading light
- W19 Driver side reading light
- Y7 Automatic anti-dazzle interior mirror

- 372 Earth connection 7, in main wiring harness
- 375 Earth connection 10, in main wiring harness
- 389 Earth connection 24, in main wiring harness
- 751 Earth point 2, on right A-pillar
- B316 Positive connection 2 (30a) in main wiring harness
- B467 Connection 3, in main wiring harness

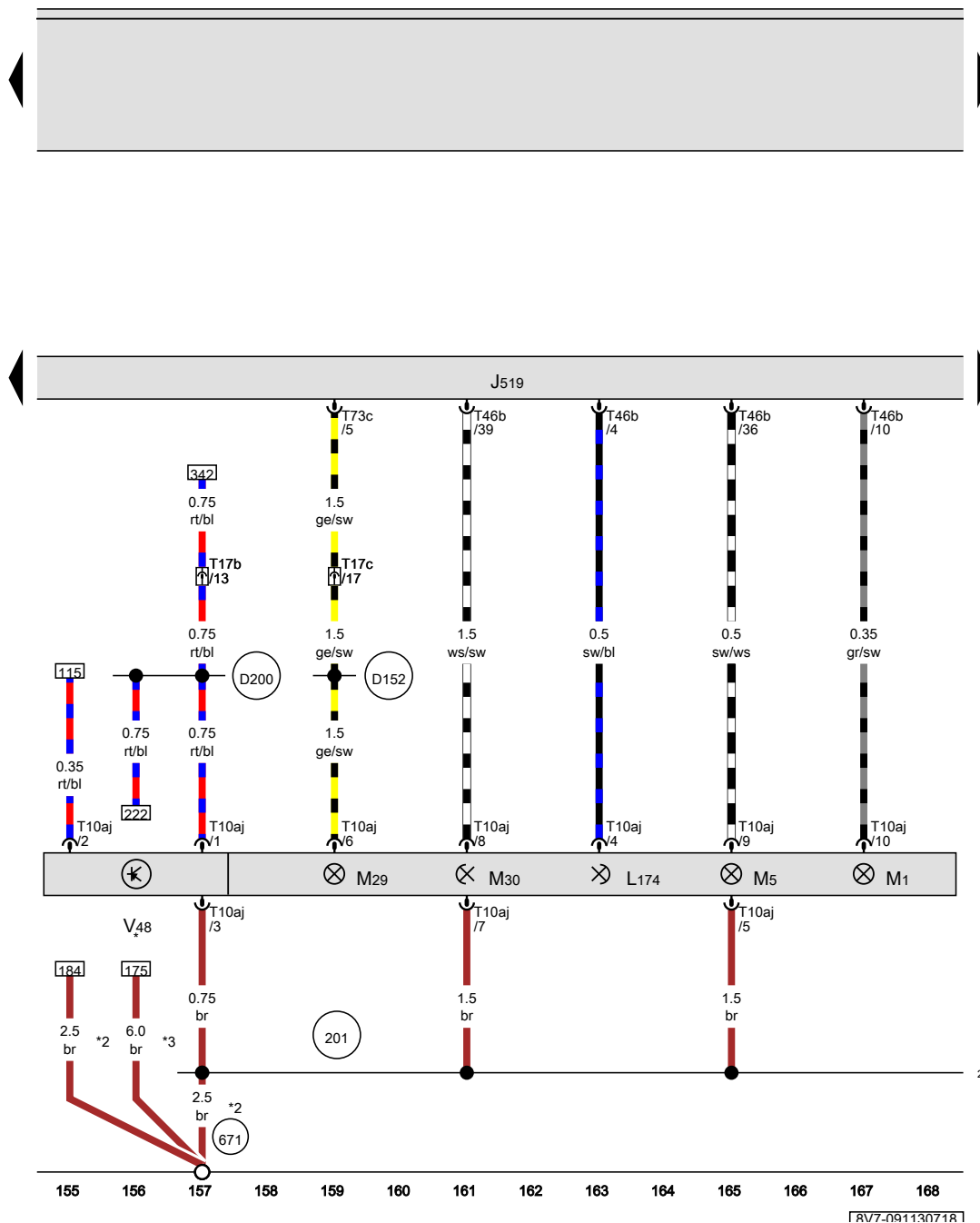


Centre switch module in dash panel, Glove compartment light switch, Hazard warning lights button, Onboard supply control unit, Glove compartment light

- EX22 Centre switch module in dash panel
- E26 Glove compartment light switch
- E229 Hazard warning lights button
- J519 Onboard supply control unit
- K6 Indicator lamp for hazard warning light
- T2jn 2-pin connector
- T3au 3-pin connector
- T20 20-pin connector
- T73c 73-pin connector
- W6 Glove compartment light

- 366 Earth connection 1, in main wiring harness
- 368 Earth connection 3, in main wiring harness
- 684 Earth point on front of left side member
- 687 Earth point 1, on centre tunnel
- B467 Connection 3, in main wiring harness
- B731 Connection 1 (58s), in main wiring harness

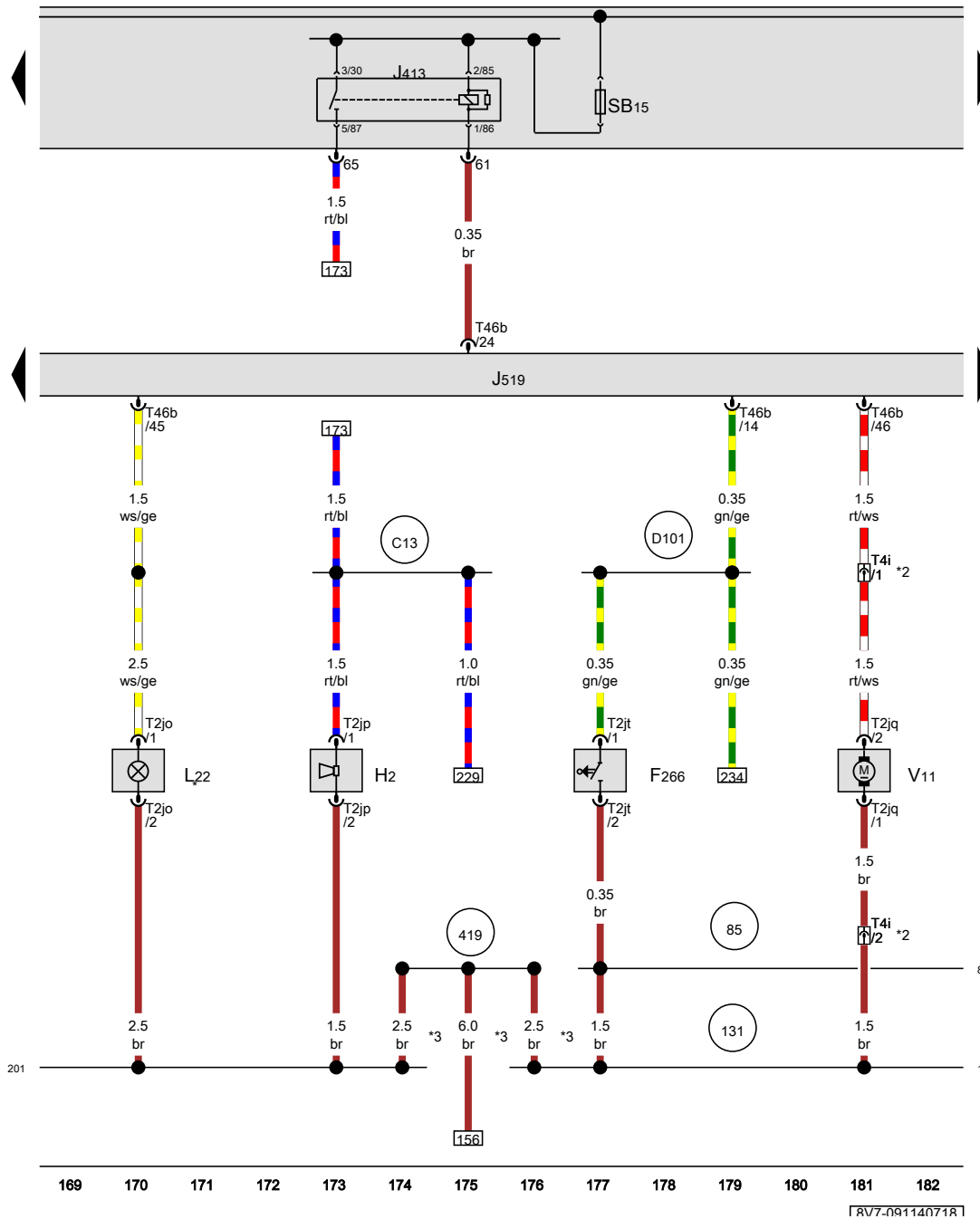
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- sw = black
- ro = red
- rt = red
- br = brown
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- ge = yellow
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- rs = pink



Onboard supply control unit, Left daytime running light bulb, Left side light bulb, Front left turn signal bulb, Left headlight dipped beam bulb, Left headlight main beam bulb, Left headlight range control motor

- J519 Onboard supply control unit
- L174 Left daytime running light bulb
- M1 Left side light bulb
- M5 Front left turn signal bulb
- M29 Left headlight dipped beam bulb
- M30 Left headlight main beam bulb
- T10aj 10-pin connector
- T17b 17-pin connector
- T17c 17-pin connector
- T46b 46-pin connector
- T73c 73-pin connector
- V48 Left headlight range control motor

- 201 Earth connection 5, in engine compartment wiring harness
- 671 Earth point 1, on front of left longitudinal member
- D152 Positive connection 1 (56b), in engine compartment wiring harness
- D200 Positive connection 3 (15a), in engine compartment wiring harness
- * For models with headlight range control
- *2 Gradually discontinued
- *3 gradual introduction

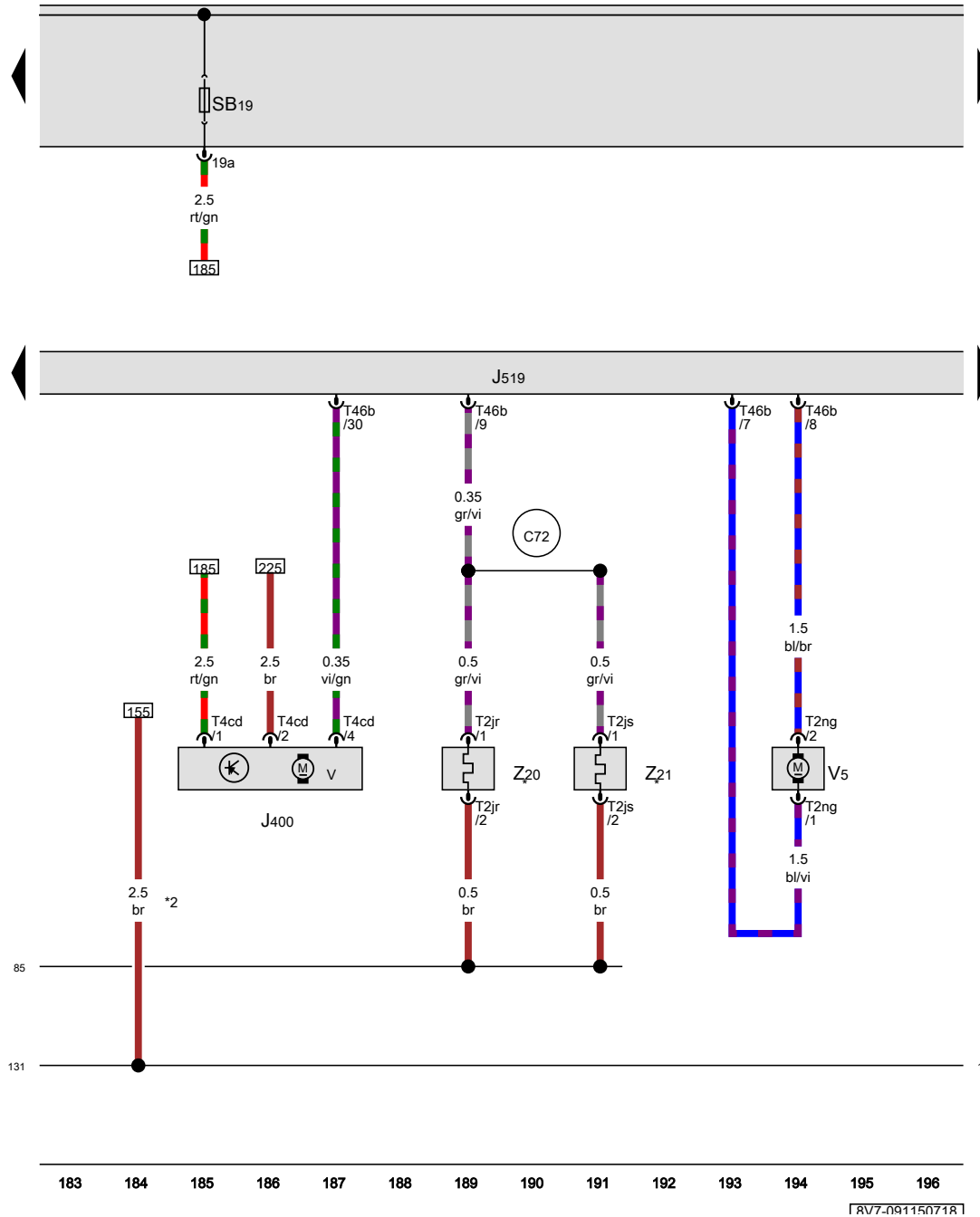


Bonnet contact switch, Treble horn, Onboard supply control unit, Left fog light bulb, Headlight washer system pump

- F266 Bonnet contact switch
- H2 Treble horn
- J413 Horn relay
- J519 Onboard supply control unit
- L22 Left fog light bulb
- SB15 Fuse 15 on fuse holder B
- T2jo 2-pin connector
- T2jp 2-pin connector
- T2jq 2-pin connector
- T2jt 2-pin connector
- T4i 4-pin connector
- T46b 46-pin connector
- V11 Headlight washer system pump

- 85 Earth connection 1, in engine compartment wiring harness
- 131 Earth connection 2, in engine compartment wiring harness
- 201 Earth connection 5, in engine compartment wiring harness
- 419 Earth connection 11, in engine compartment wiring harness
- C13 Positive connection in dual tone horn wiring harness
- D101 Connection 1 in engine compartment wiring harness

- * For models with fog lights
- *2 According to equipment
- *3 gradual introduction



Wiper motor control unit, Onboard supply control unit,
Windscreen wiper motor, Washer pump, Left washer jet
heater element, Right washer jet heater element

- J400 Wiper motor control unit
- J519 Onboard supply control unit
- SB19 Fuse 19 on fuse holder B
- T2jr 2-pin connector
- T2js 2-pin connector
- T2ng 2-pin connector
- T4cd 4-pin connector
- T46b 46-pin connector
- V Windscreen wiper motor
- V5 Washer pump
- Z20 Left washer jet heater element
- Z21 Right washer jet heater element

85 Earth connection 1, in engine compartment wiring harness

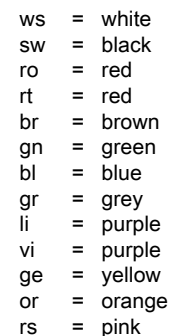
131 Earth connection 2, in engine compartment wiring harness

C72 Positive connection in heated washer jet wiring harness

* For models with heater element for washer jets

*2 Gradually discontinued

ws = white
sw = black
ro = red
rt = red
br = brown
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li = purple
vi = purple
ge = yellow
or = orange
rs = pink



- * According to equipment
- *2 see applicable current flow diagram for engine
- *3 For models with manual gearbox

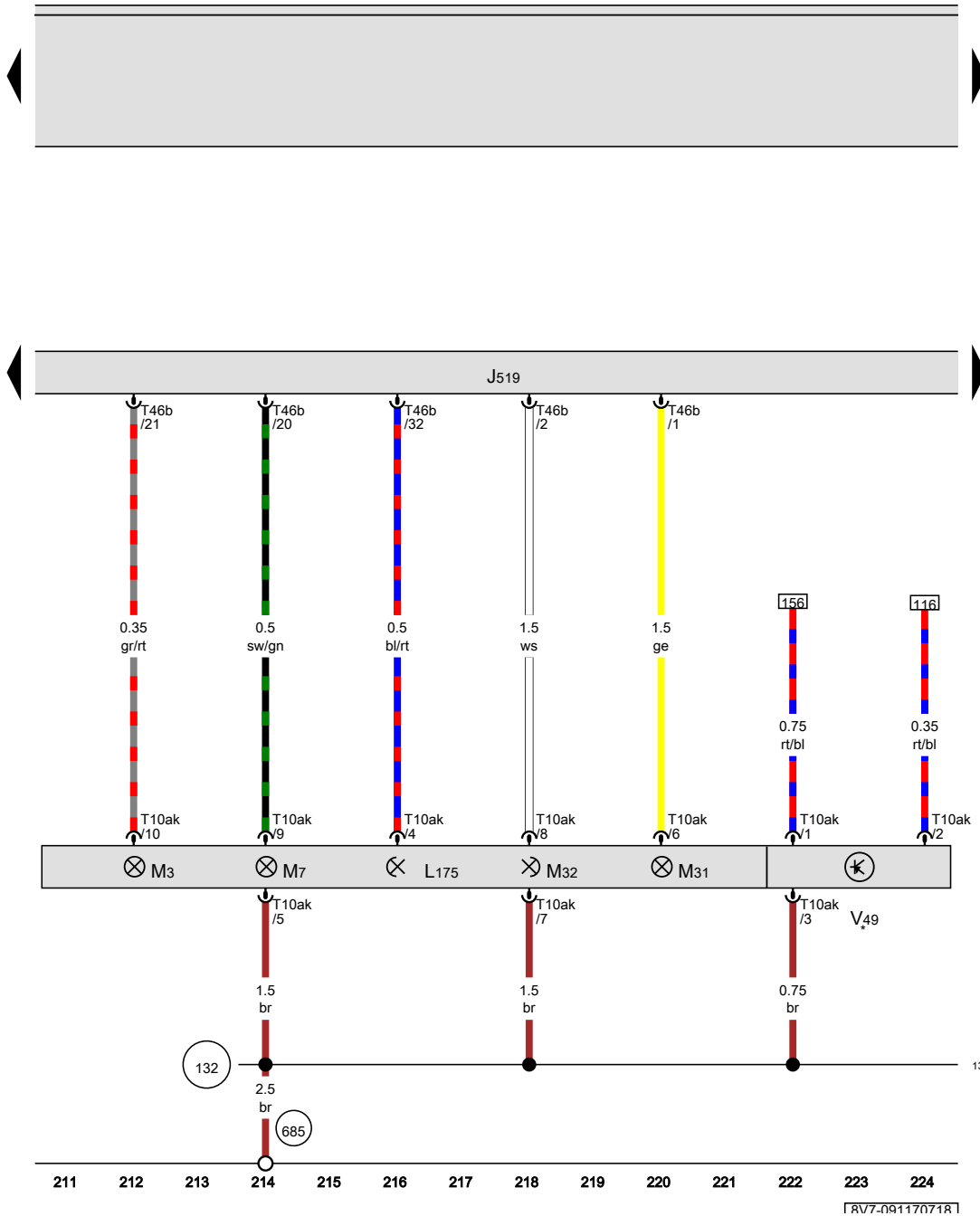
Onboard supply control unit, Right daytime running light bulb, Right side light bulb, Front right turn signal bulb, Right headlight dipped beam bulb, Right headlight main beam bulb, Right headlight range control motor

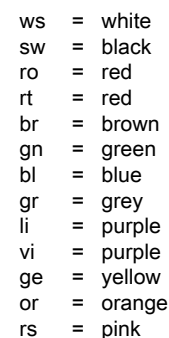
- J519 Onboard supply control unit
- L175 Right daytime running light bulb
- M3 Right side light bulb
- M7 Front right turn signal bulb
- M31 Right headlight dipped beam bulb
- M32 Right headlight main beam bulb
- T10ak 10-pin connector
- T46b 46-pin connector
- V49 Right headlight range control motor

132 Earth connection 3, in engine compartment wiring harness

685 Earth point 1, on front of right longitudinal member

* For models with headlight range control





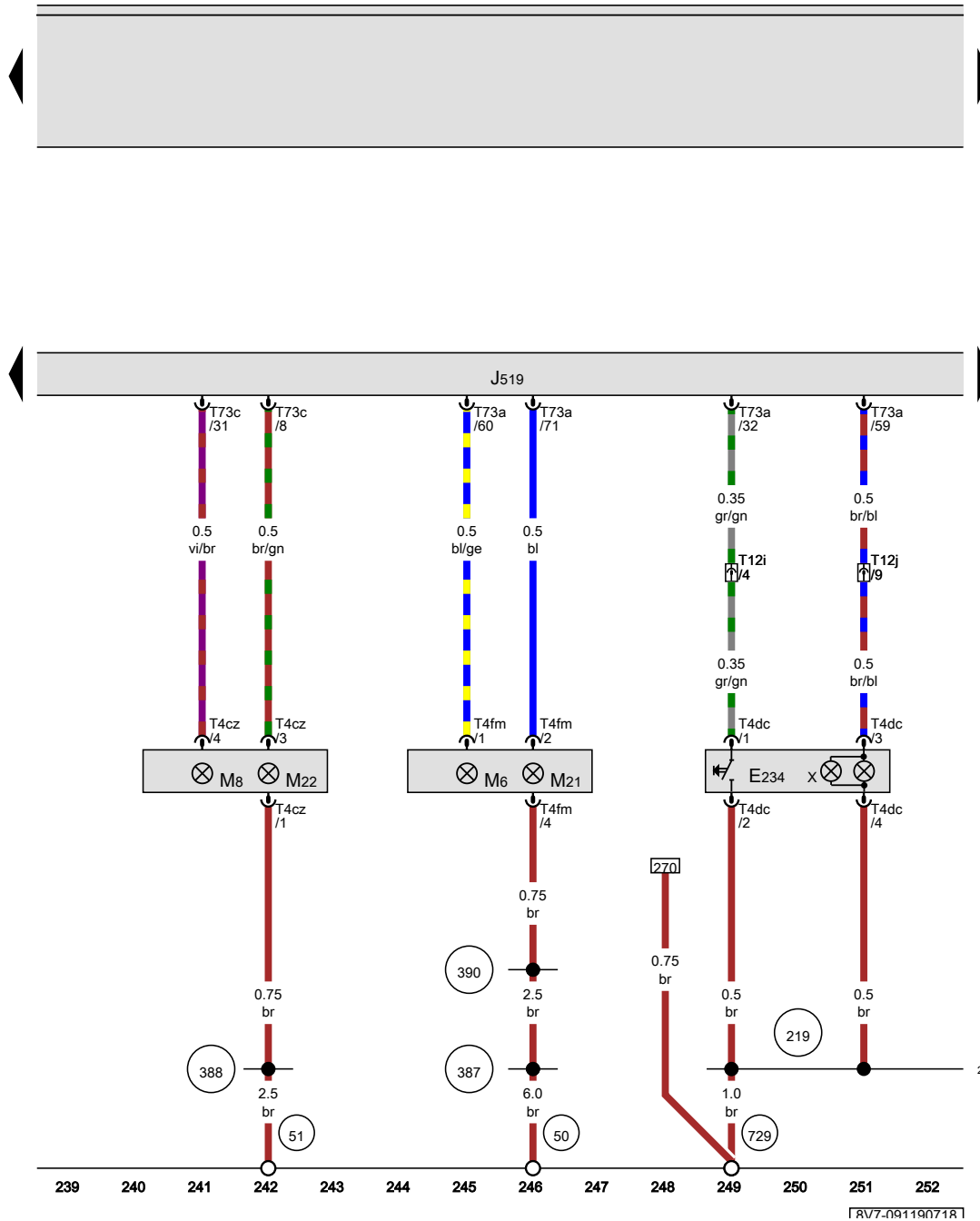
* For models with fog lights

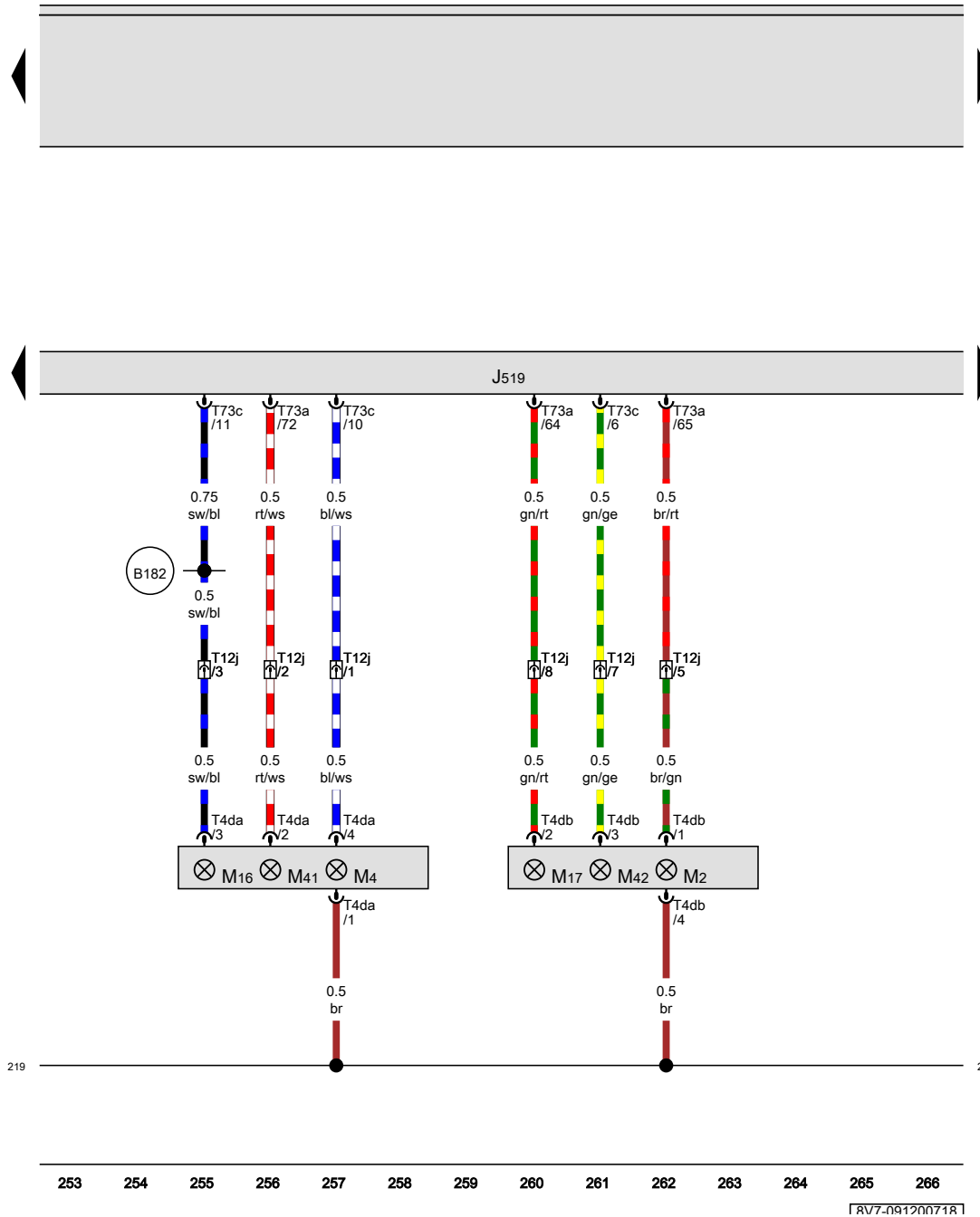
Rear lid handle release button, Onboard supply control unit, Rear left turn signal bulb, Rear right turn signal bulb, Left brake and tail light bulb, Right brake and tail light bulb, Number plate light

- E234 Rear lid handle release button
- J519 Onboard supply control unit
- M6 Rear left turn signal bulb
- M8 Rear right turn signal bulb
- M21 Left brake and tail light bulb
- M22 Right brake and tail light bulb
- T4cz 4-pin connector
- T4dc 4-pin connector
- T4fm 4-pin connector
- T12i 12-pin connector
- T12j 12-pin connector
- T73a 73-pin connector
- T73c 73-pin connector
- X Number plate light

- 50 Earth point, on left in luggage compartment
- 51 Earth point, on right in luggage compartment
- 219 Earth connection 2, in rear lid wiring harness
- 387 Earth connection 22, in main wiring harness
- 388 Earth connection 23, in main wiring harness
- 390 Earth connection 25, in main wiring harness
- 729 Earth point, on left rear wheel housing

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink





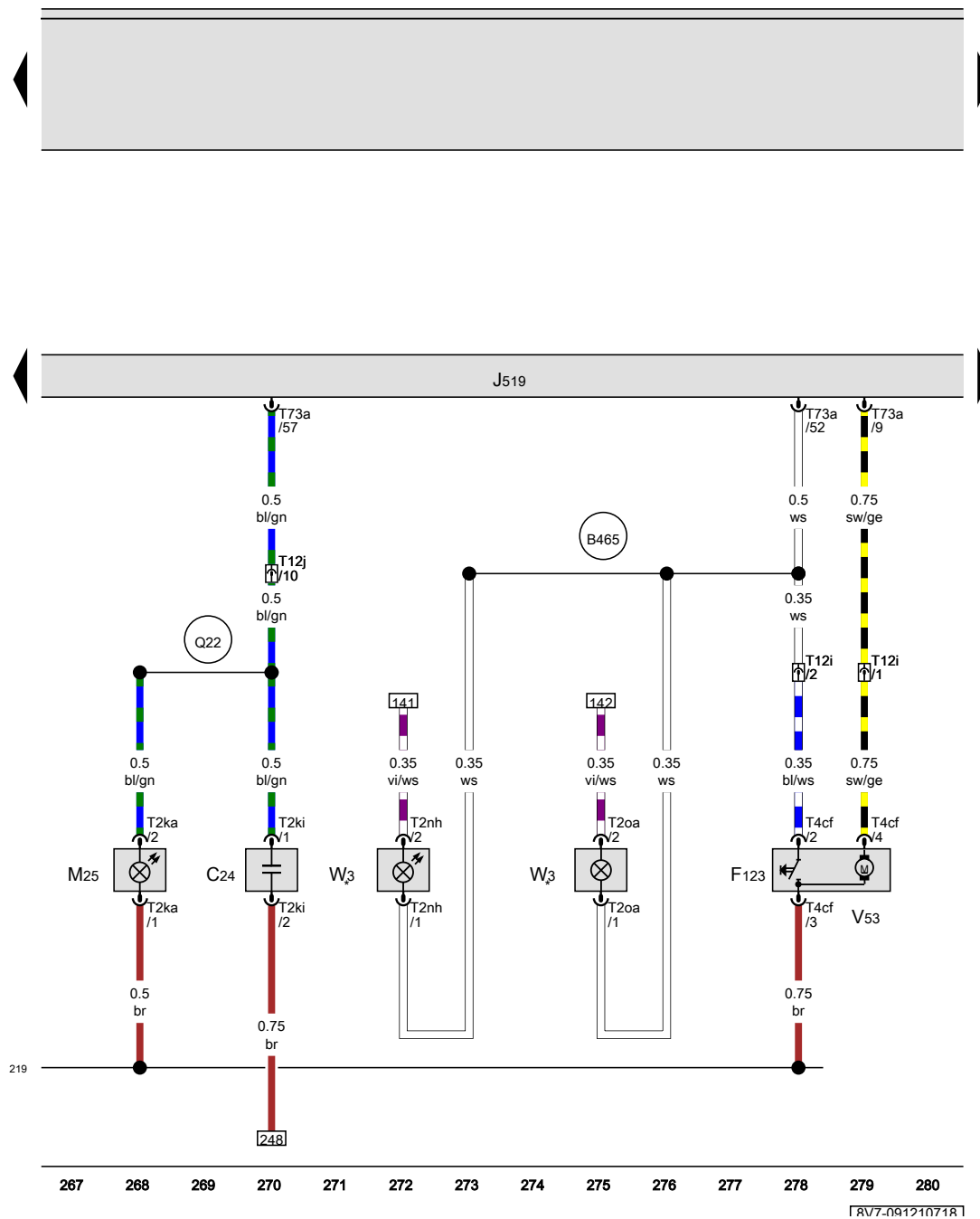
Onboard supply control unit, Right tail light bulb, Left tail light bulb, Left reversing light bulb, Right reversing light bulb, Left tail light and rear fog light bulb, Right tail light and rear fog light bulb

- J519 Onboard supply control unit
- M2 Right tail light bulb
- M4 Left tail light bulb
- M16 Left reversing light bulb
- M17 Right reversing light bulb
- M41 Left tail light and rear fog light bulb
- M42 Right tail light and rear fog light bulb
- T4da 4-pin connector
- T4db 4-pin connector
- T12j 12-pin connector
- T73a 73-pin connector
- T73c 73-pin connector

219 Earth connection 2, in rear lid wiring harness

B182 Connection (RL), in interior wiring harness

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 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



Rear lid contact switch for anti-theft alarm, Onboard supply control unit, High-level brake light bulb, Rear lid central locking motor

- C24 Suppression filter
- F123 Rear lid contact switch for anti-theft alarm
- J519 Onboard supply control unit
- M25 High-level brake light bulb
- T2ka 2-pin connector
- T2ki 2-pin connector
- T2nh 2-pin connector
- T2oa 2-pin connector
- T4cf 4-pin connector
- T12i 12-pin connector
- T12j 12-pin connector
- T73a 73-pin connector
- V53 Rear lid central locking motor
- W3 Luggage compartment light

219 Earth connection 2, in rear lid wiring harness

B465 Connection 1, in main wiring harness

Q22 Connection 1, in rear lid wiring harness

* According to equipment

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- rs = pink

Reversing light switch, Brake fluid level warning contact, Coolant shortage indicator switch, Ambient temperature sensor, Windscreen washer fluid level sender, Onboard supply control unit

- F4 Reversing light switch
- F34 Brake fluid level warning contact
- F66 Coolant shortage indicator switch
- G17 Ambient temperature sensor
- G33 Windscreen washer fluid level sender
- J519 Onboard supply control unit
- T2ke 2-pin connector
- T2kf 2-pin connector
- T2kg 2-pin connector
- T2kh 2-pin connector
- T2kp 2-pin connector
- T4i 4-pin connector
- T17c 17-pin connector
- T46b 46-pin connector

327 Earth connection (sender earth), in engine compartment wiring harness

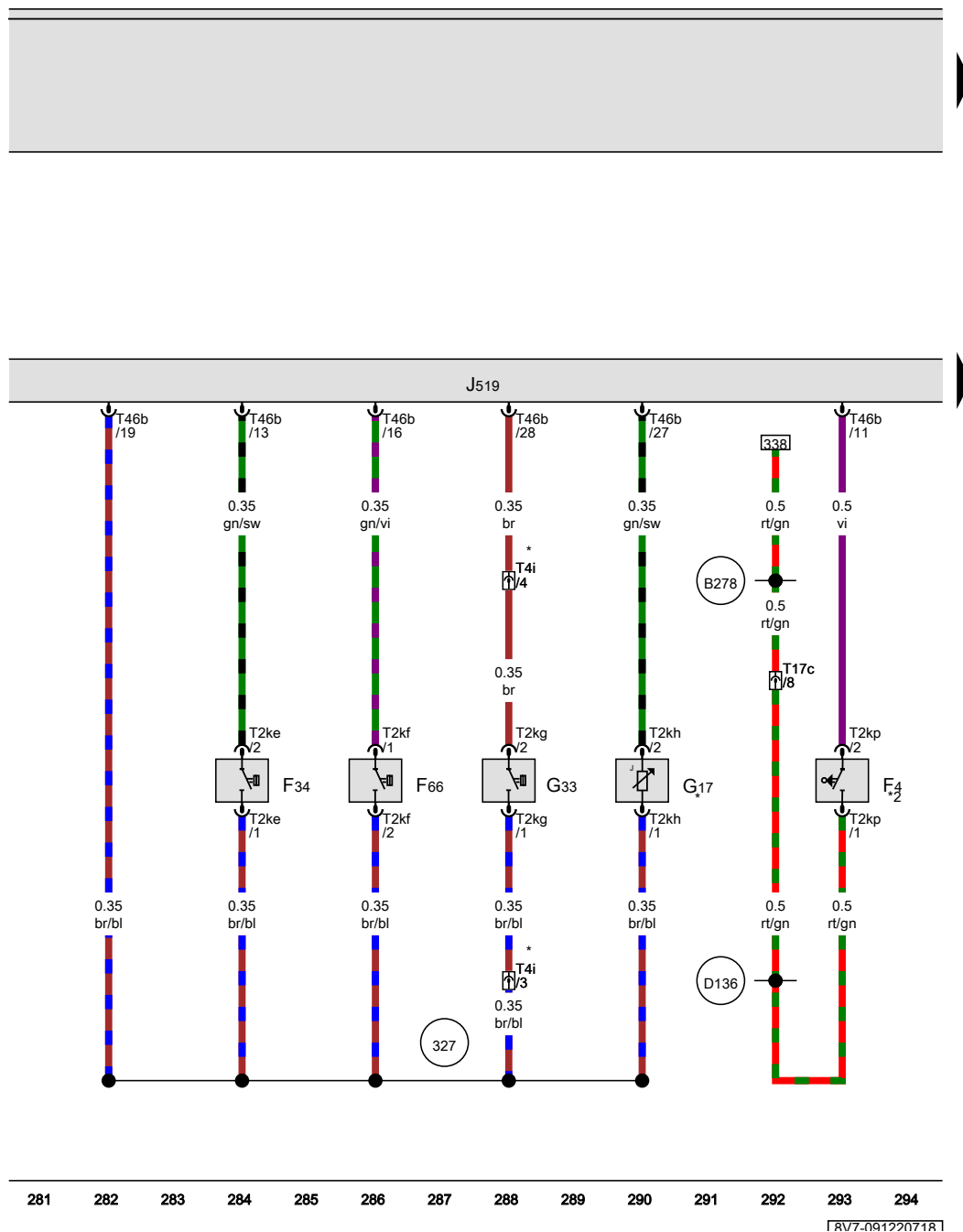
B278 Positive connection 2 (15a) in main wiring harness

D136 Positive connection 2 (15a), in engine compartment wiring harness

* According to equipment

*2 For models with manual gearbox

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gr = grey
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rs = pink

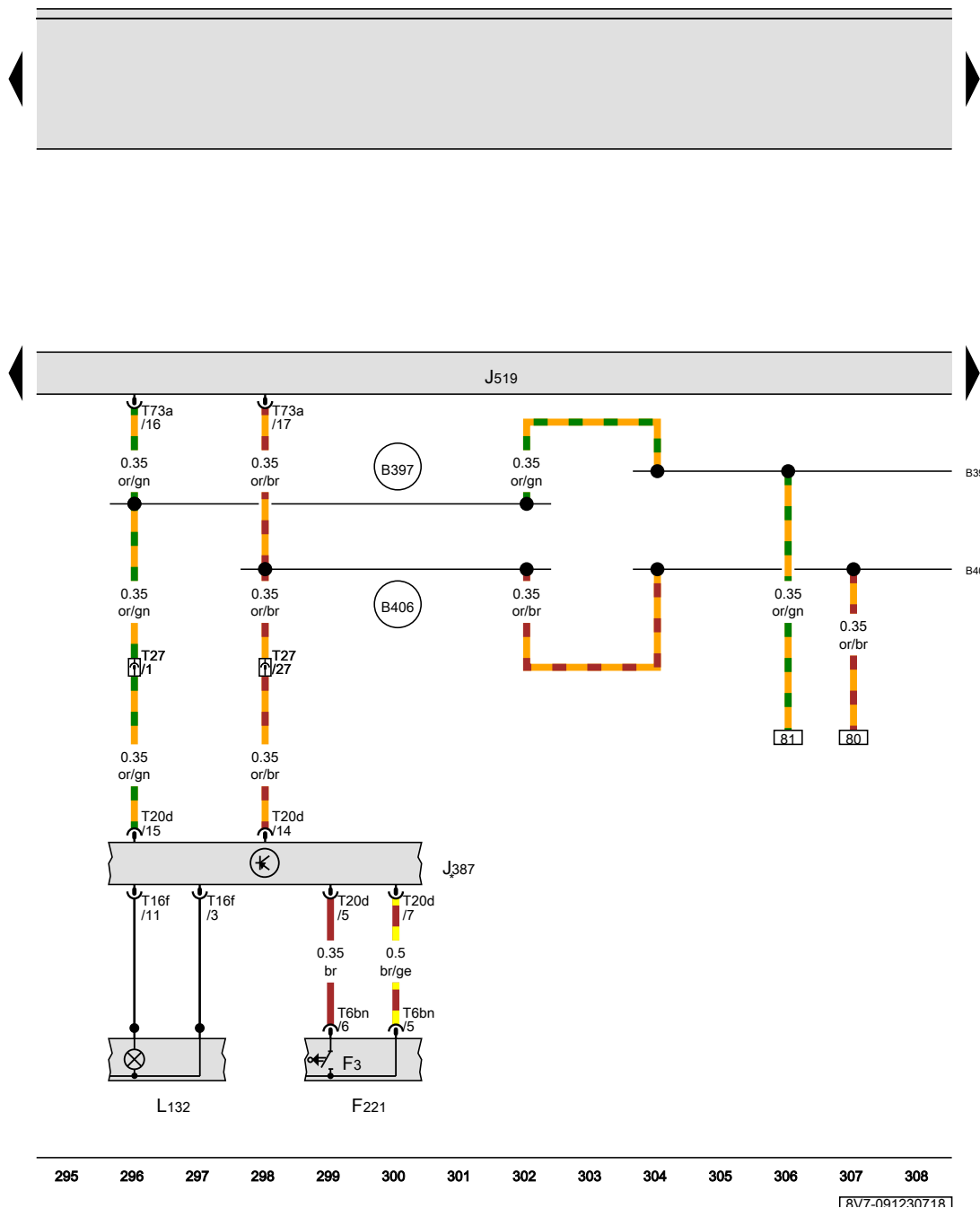


Front passenger side central locking lock unit, Front passenger door control unit, Onboard supply control unit, Front passenger side turn signal repeater bulb

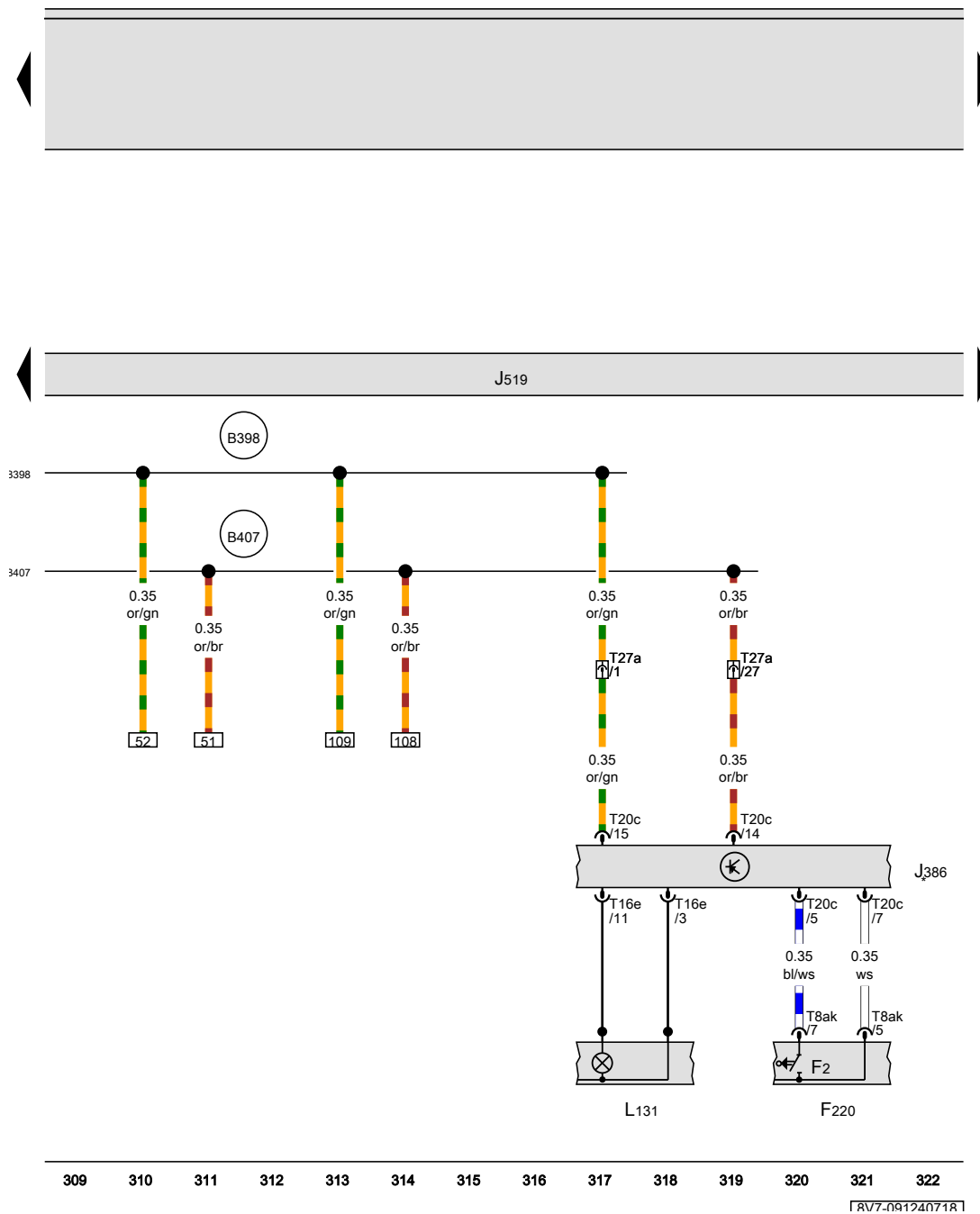
- F3 Front passenger door contact switch
- F221 Front passenger side central locking lock unit
- J387 Front passenger door control unit
- J519 Onboard supply control unit
- L132 Front passenger side turn signal repeater bulb
- T6bn 6-pin connector
- T16f 16-pin connector
- T20d 20-pin connector
- T27 27-pin connector, on left A-pillar
- T73a 73-pin connector

- (B397) Connection 1 (convenience CAN bus, high), in main wiring harness
- (B398) Connection 2 (convenience CAN bus, high), in main wiring harness
- (B406) Connection 1 (convenience CAN bus, low), in main wiring harness
- (B407) Connection 2 (convenience CAN bus, low), in main wiring harness

* see applicable current flow diagram for convenience system



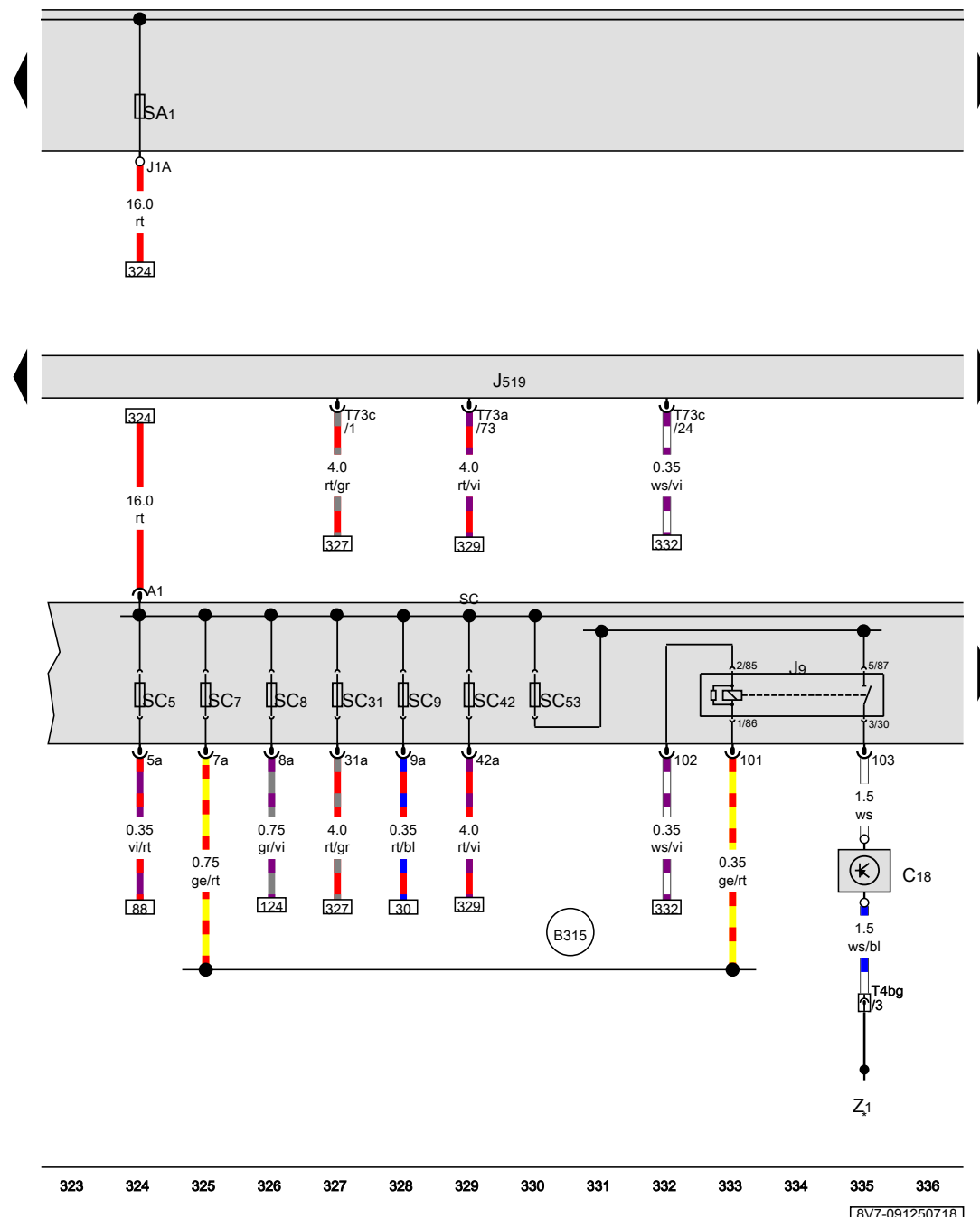
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Driver side central locking lock unit, Driver door control unit, Onboard supply control unit, Driver side turn signal repeater bulb

- F2 Driver door contact switch
- F220 Driver side central locking lock unit
- J386 Driver door control unit
- J519 Onboard supply control unit
- L131 Driver side turn signal repeater bulb
- T8ak 8-pin connector
- T16e 16-pin connector
- T20c 20-pin connector
- T27a 27-pin connector, on right A-pillar
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness
- * see applicable current flow diagram for convenience system

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 sw = black
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 vi = purple
 ge = yellow
 or = orange
 rs = pink



Heated rear window relay, Onboard supply control unit, Fuse holder C

- C18 Window aerial suppression filter
- J9 Heated rear window relay
- J519 Onboard supply control unit
- SA1 Fuse 1 on fuse holder A
- SC Fuse holder C
- SC5 Fuse 5 on fuse holder C
- SC7 Fuse 7 on fuse holder C
- SC8 Fuse 8 on fuse holder C
- SC9 Fuse 9 on fuse holder C
- SC31 Fuse 31 on fuse holder C
- SC42 Fuse 42 on fuse holder C
- SC53 Fuse 53 on fuse holder C
- T4bg 4-pin connector
- T73a 73-pin connector
- T73c 73-pin connector
- Z1 Heated rear window

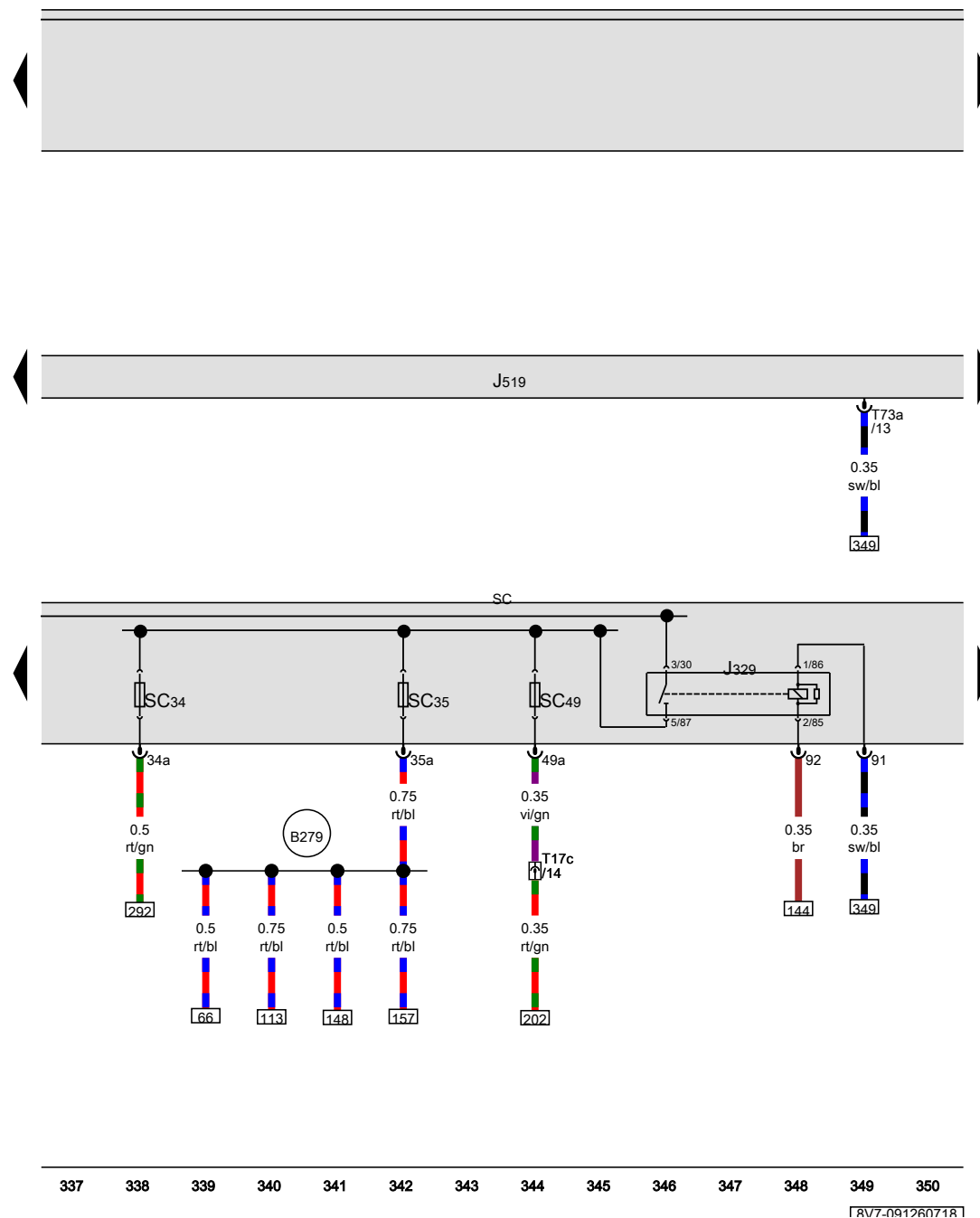
B315 Positive connection 1 (30a) in main wiring harness

* see applicable current flow diagram for convertible roof

Terminal 15 voltage supply relay, Onboard supply control unit, Fuse holder C

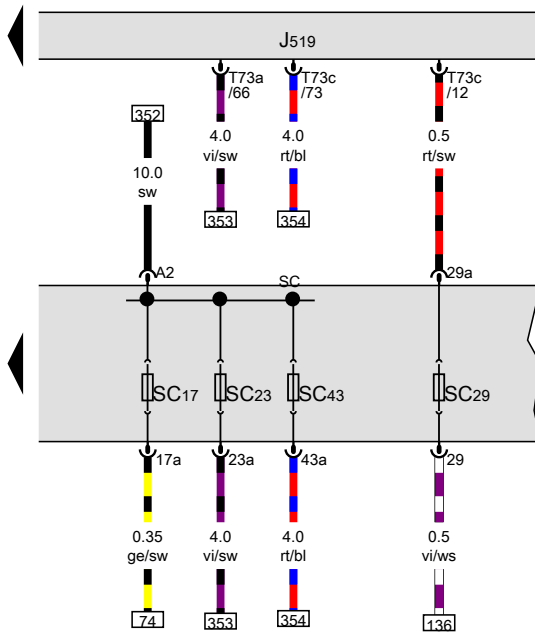
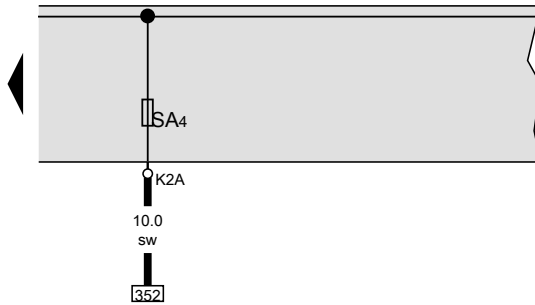
- J329 Terminal 15 voltage supply relay
- J519 Onboard supply control unit
- SC Fuse holder C
- SC34 Fuse 34 on fuse holder C
- SC35 Fuse 35 on fuse holder C
- SC49 Fuse 49 on fuse holder C
- T17c 17-pin connector
- T73a 73-pin connector

B279 Positive connection 3 (15a) in main wiring harness



Onboard supply control unit, Fuse holder C

- J519 Onboard supply control unit
- SA4 Fuse 4 on fuse holder A
- SC Fuse holder C
- SC17 Fuse 17 on fuse holder C
- SC23 Fuse 23 on fuse holder C
- SC29 Fuse 29 on fuse holder C
- SC43 Fuse 43 on fuse holder C
- T73a 73-pin connector
- T73c 73-pin connector



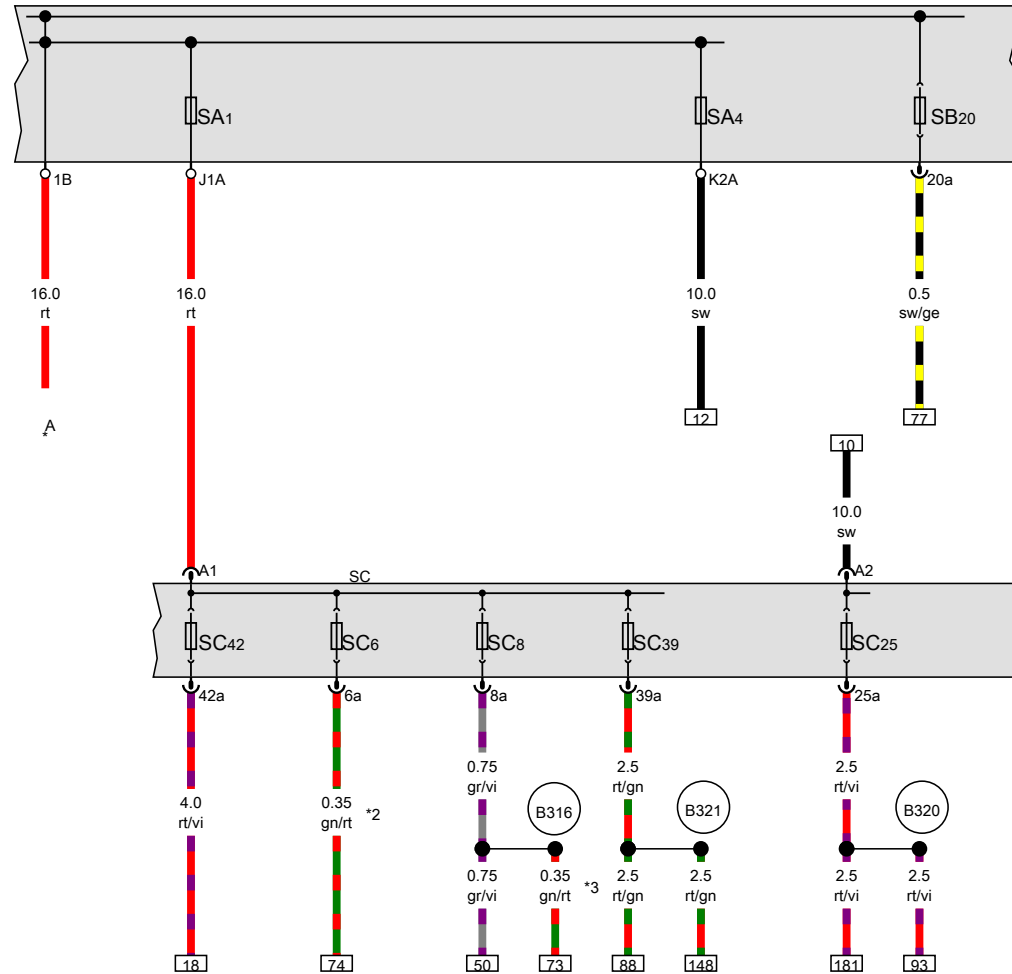
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351 352 353 354 355 356 357 358 359 360 361 362 363 364

[AV7-091270718]

Convenience system, right-hand drive , (L0R)

From November 2013



Fuse holder C

- A Battery
- SA1 Fuse 1 on fuse holder A
- SA4 Fuse 4 on fuse holder A
- SB20 Fuse 20 on fuse holder B
- SC Fuse holder C
- SC6 Fuse 6 on fuse holder C
- SC8 Fuse 8 on fuse holder C
- SC25 Fuse 25 on fuse holder C
- SC39 Fuse 39 on fuse holder C
- SC42 Fuse 42 on fuse holder C

B316 Positive connection 2 (30a) in main wiring harness

B320 Positive connection 6 (30a) in main wiring harness

B321 Positive connection 7 (30a) in main wiring harness

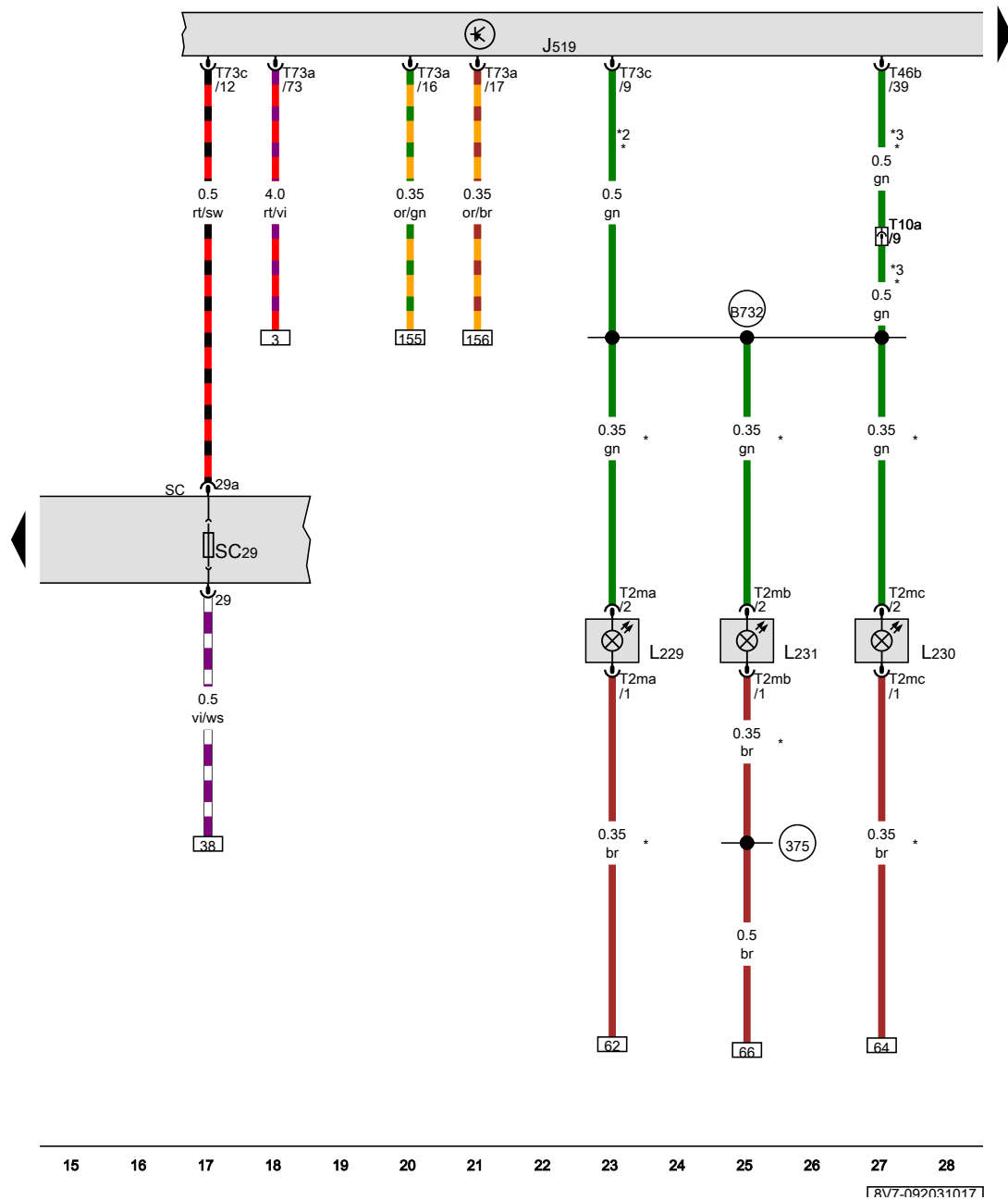
* see applicable current flow diagram for battery in engine compartment

*2 Up to April 2015

*3 From May 2015

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 li = purple
 vi = violet
 ge = yellow
 or = orange
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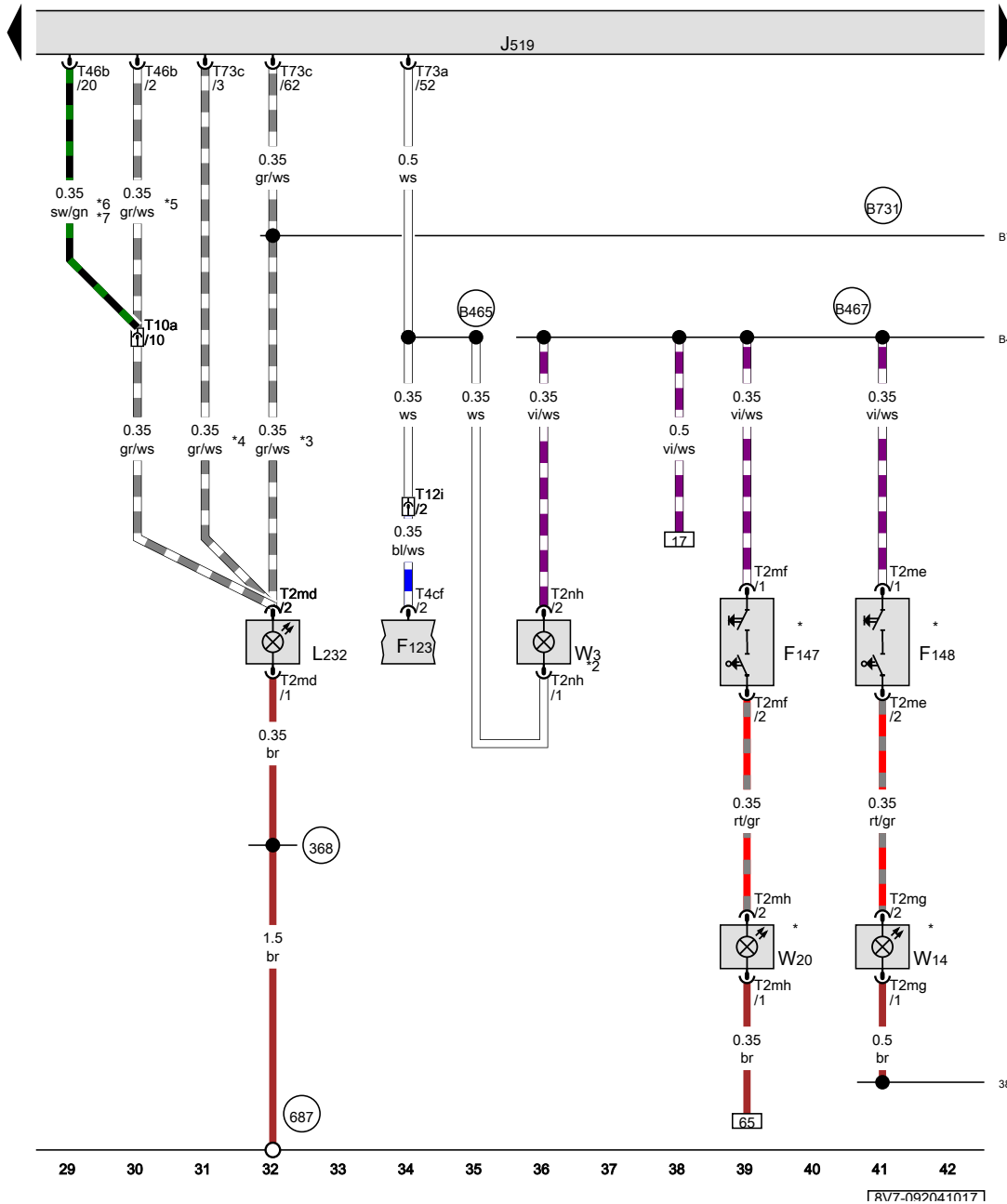
Fuse holder C

- J519 Onboard supply control unit
- L229 Light for left dashboard background lighting
- L230 Light for right dashboard background lighting
- L231 Light for centre dashboard background lighting
- SC Fuse holder C
- SC29 Fuse 29 on fuse holder C
- T2ma 2-pin connector
- T2mb 2-pin connector
- T2mc 2-pin connector
- T10a 10-pin connector, white
- T46b 46-pin connector
- T73a 73-pin connector
- T73c 73-pin connector

375 Earth connection 10, in main wiring harness

B732 Connection 2 (58s), in main wiring harness

- * Up to April 2016
- *2 For models with no automatic headlight range control
- *3 For models with automatic headlight range control



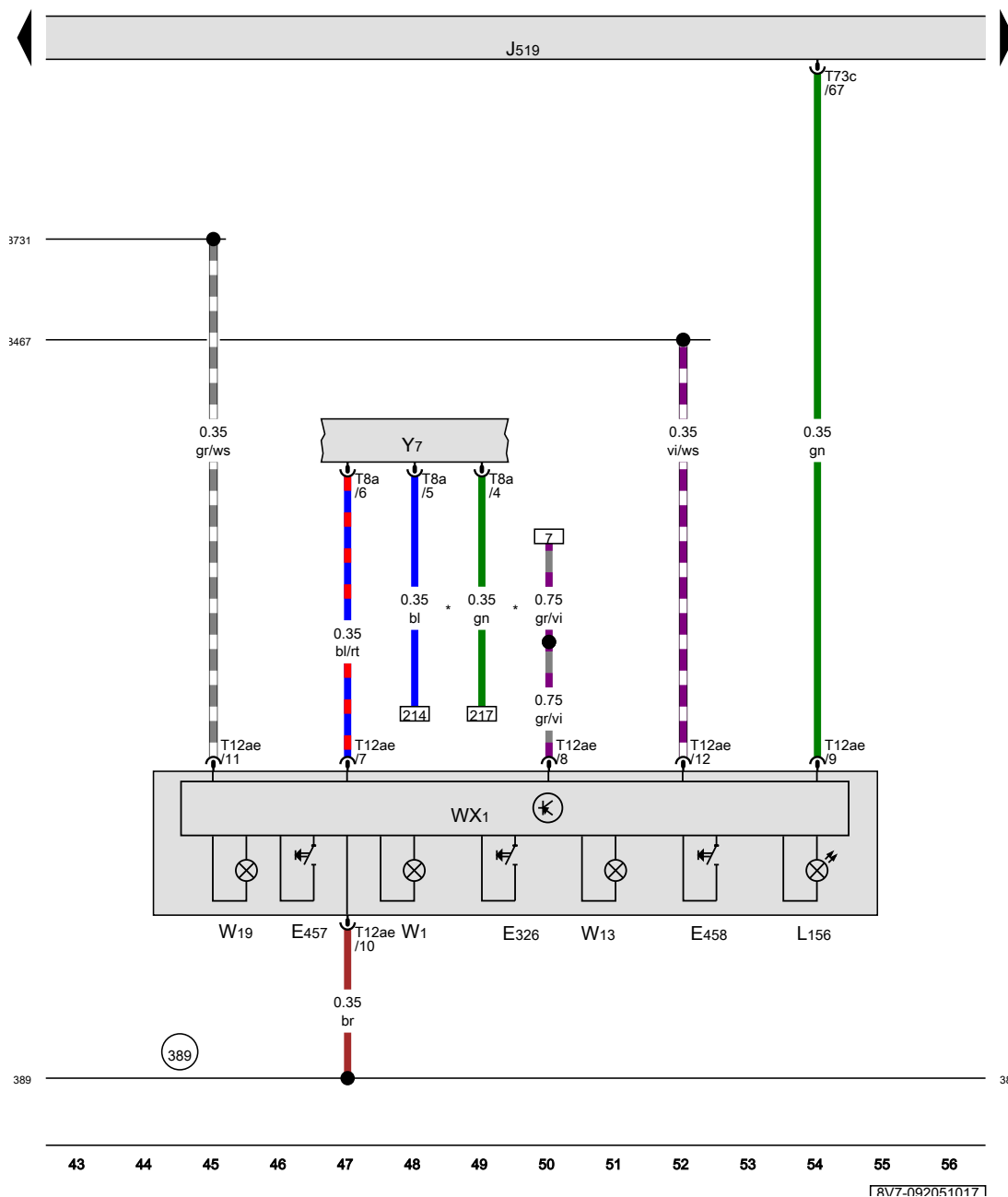
Driver vanity mirror contact switch, Light for cup holder background lighting, Luggage compartment light

- F123 Rear lid contact switch for anti-theft alarm
- F147 Driver vanity mirror contact switch
- F148 Front passenger vanity mirror contact switch
- J519 Onboard supply control unit
- L232 Light for cup holder background lighting
- T2md 2-pin connector
- T2me 2-pin connector
- T2mf 2-pin connector
- T2mg 2-pin connector
- T2mh 2-pin connector
- T2nh 2-pin connector
- T4cf 4-pin connector
- T10a 10-pin connector, white
- T12i 12-pin connector
- T46b 46-pin connector
- T73a 73-pin connector
- T73c 73-pin connector
- W3 Luggage compartment light
- W14 Front passenger side illuminated vanity mirror
- W20 Driver side illuminated vanity mirror

- 368 Earth connection 3, in main wiring harness
- 389 Earth connection 24, in main wiring harness
- 687 Earth point 1, on centre tunnel
- B465 Connection 1, in main wiring harness
- B467 Connection 3, in main wiring harness
- B731 Connection 1 (58s), in main wiring harness

- * For models with illuminated vanity mirror
- *2 According to equipment
- *3 For models with additional lights
- *4 For models with halogen headlights
- *5 For models with xenon headlights
- *6 For models with LED headlights
- *7 From May 2016

- ws = white
- sw = black
- ro = red
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- br = brown
- gn = green
- bl = blue
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- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



Front interior light

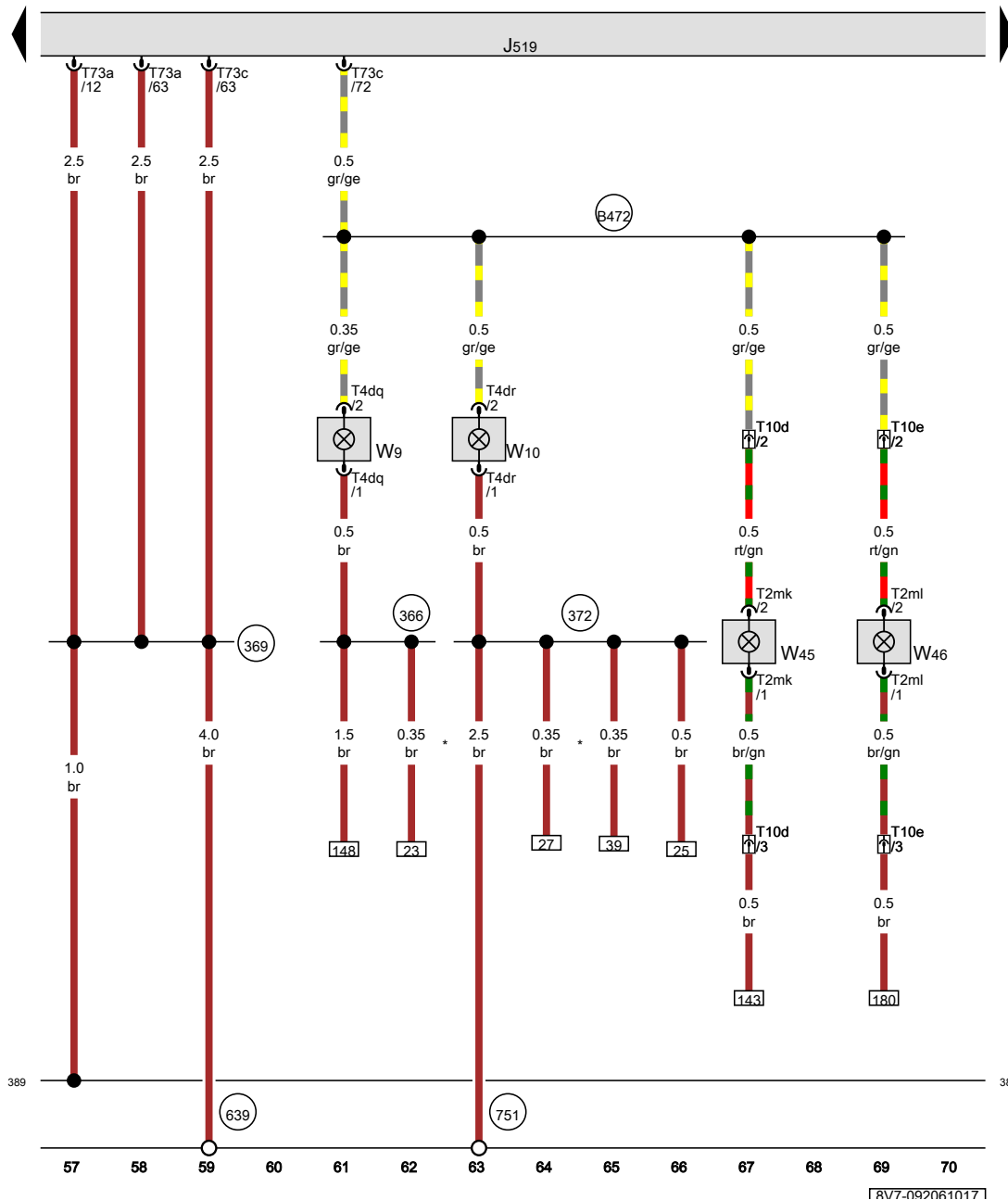
- E326 Front interior light button
- E457 Driver side reading light button
- E458 Front passenger side reading light button
- J519 Onboard supply control unit
- L156 Switch illumination bulb
- T8a 8-pin connector
- T12ae 12-pin connector
- T73c 73-pin connector
- WX1 Front interior light
- W1 Front interior light
- W13 Front passenger reading light
- W19 Driver side reading light
- Y7 Automatic anti-dazzle interior mirror

- 389 Earth connection 24, in main wiring harness
- B467 Connection 3, in main wiring harness
- B731 Connection 1 (58s), in main wiring harness

* For models with automatic anti-dazzle interior mirror

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 gr = grey
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 rs = pink

Left footwell light, Right footwell light, Rear left footwell light, Rear right footwell light

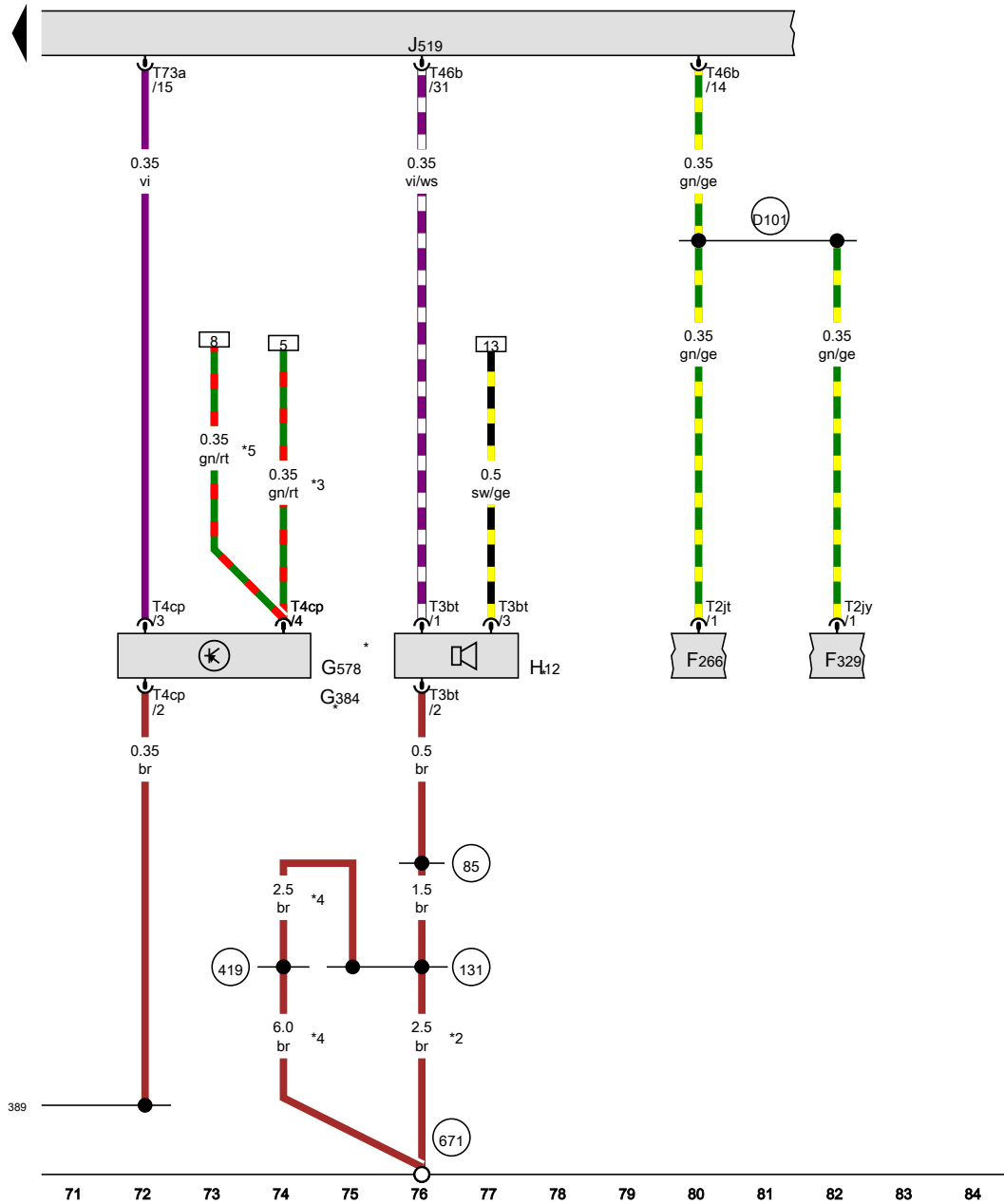


- J519 Onboard supply control unit
- T2mk 2-pin connector
- T2ml 2-pin connector
- T4dq 4-pin connector
- T4dr 4-pin connector
- T10d 10-pin connector, in coupling point for front seat, left, red
- T10e 10-pin connector, in coupling point for front seat, right, red
- T73a 73-pin connector
- T73c 73-pin connector
- W9 Left footwell light
- W10 Right footwell light
- W45 Rear left footwell light
- W46 Rear right footwell light

- 366 Earth connection 1, in main wiring harness
- 369 Earth connection 4, in main wiring harness
- 372 Earth connection 7, in main wiring harness
- 389 Earth connection 24, in main wiring harness
- 639 Earth point, left A-pillar
- 751 Earth point 2, on right A-pillar
- B472 Connection 8, in main wiring harness

* Up to April 2016

ws = white
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 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
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 rs = pink



Anti-theft alarm sensor, Alarm horn

- F266 Bonnet contact switch
- F329 Bonnet contact switch 2
- G384 Vehicle inclination sender
- G578 Anti-theft alarm sensor
- H12 Alarm horn
- J519 Onboard supply control unit
- T2jt 2-pin connector
- T2jy 2-pin connector
- T3bt 3-pin connector
- T4cp 4-pin connector
- T46b 46-pin connector
- T73a 73-pin connector

- 85 Earth connection 1, in engine compartment wiring harness
- 131 Earth connection 2, in engine compartment wiring harness
- 389 Earth connection 24, in main wiring harness
- 419 Earth connection 11, in engine compartment wiring harness
- 671 Earth point 1, on front of left longitudinal member
- D101 Connection 1 in engine compartment wiring harness

- * For models with anti-theft alarm system
- *2 Gradually discontinued
- *3 Up to April 2015
- *4 gradual introduction
- *5 From May 2015

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- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Control unit with rear driver side window regulator motor,
Control unit with rear passenger side window regulator
motor, Light for rear door background lighting, driver side,
Light for rear door background lighting, passenger side

- J1016 Control unit with rear driver side window regulator motor
- J1017 Control unit with rear passenger side window regulator motor
- T2e 2-pin connector
- T2n 2-pin connector
- T2nb 2-pin connector
- T2nf 2-pin connector
- T4et 4-pin connector
- T4eu 4-pin connector
- T6at 6-pin connector
- T6au 6-pin connector
- T27 27-pin connector
- T27a 27-pin connector
- W88 Light for rear door background lighting, driver side
- W89 Light for rear door background lighting, passenger side

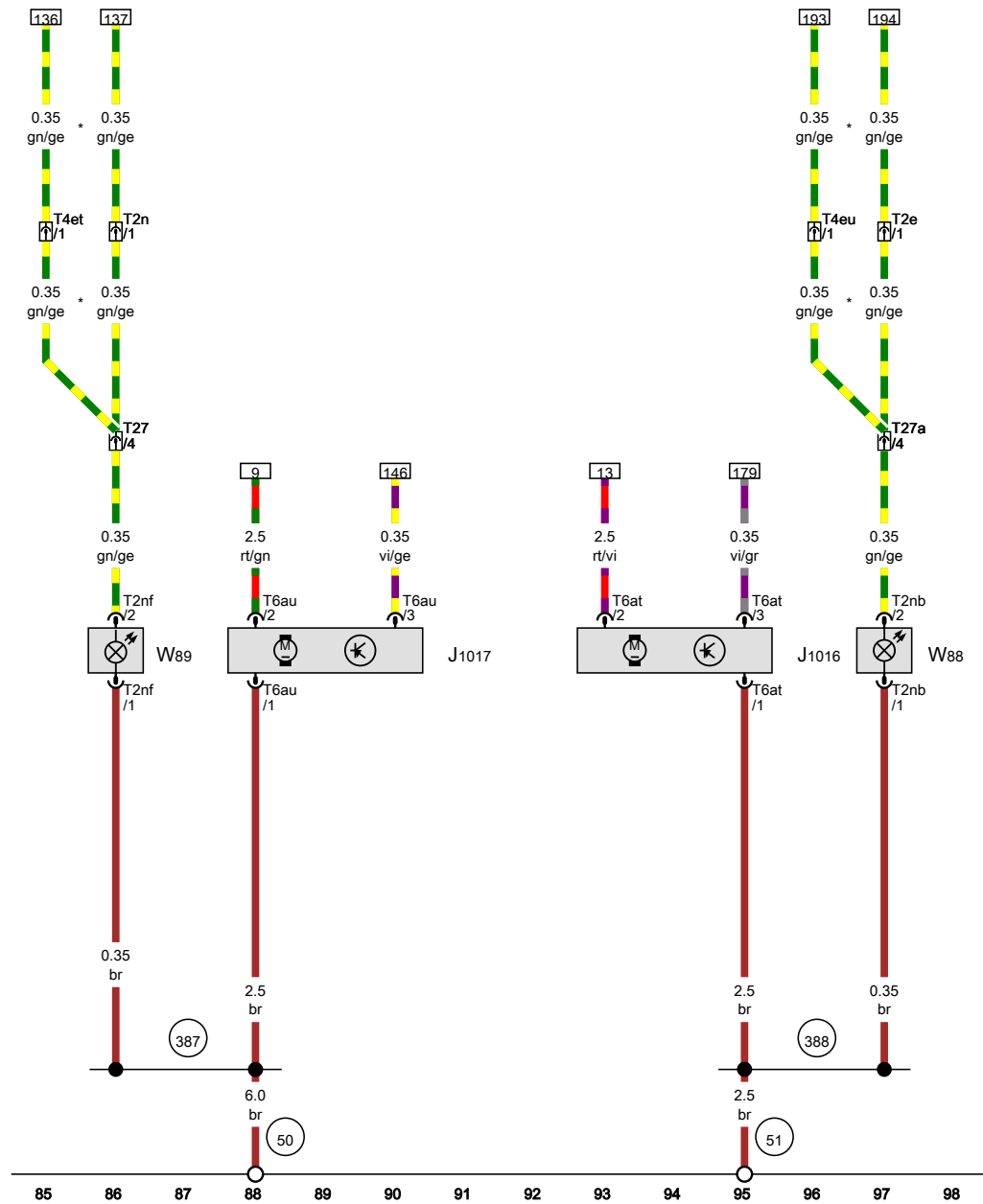
50 Earth point, on left in luggage compartment

51 Earth point, on right in luggage compartment

387 Earth connection 22, in main wiring harness

388 Earth connection 23, in main wiring harness

* For models with background lighting in sill panel mouldings

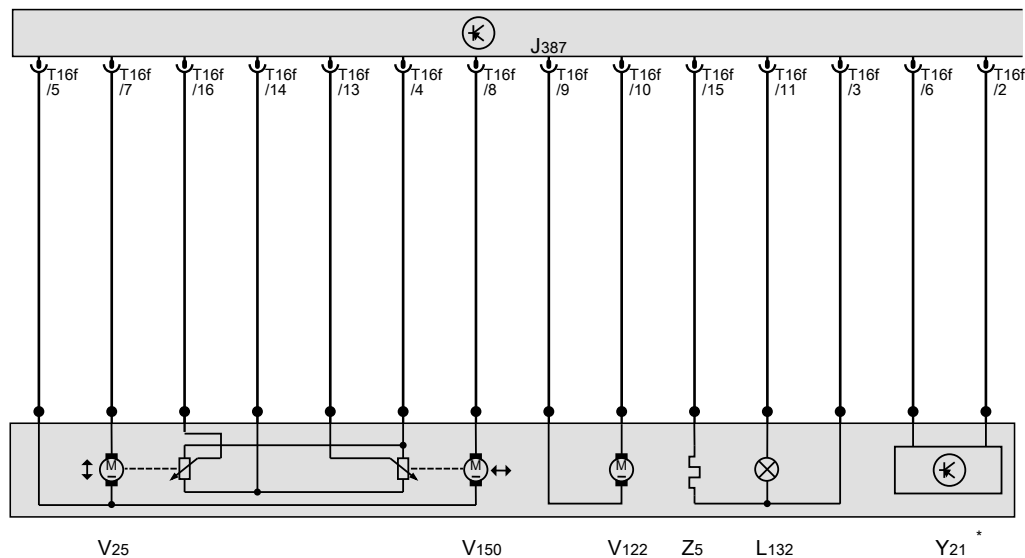


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- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

[AV7-092081017]

Front passenger door control unit, Front passenger side turn signal repeater bulb, Front passenger side mirror adjustment motor 2, Front passenger side fold-in mirror motor, Front passenger side mirror adjustment motor, Automatic anti-dazzle exterior mirror, passenger side, Heated exterior mirror on passenger side

- J387 Front passenger door control unit
- L132 Front passenger side turn signal repeater bulb
- T16f 16-pin connector
- V25 Front passenger side mirror adjustment motor 2
- V122 Front passenger side fold-in mirror motor
- V150 Front passenger side mirror adjustment motor
- Y21 Automatic anti-dazzle exterior mirror, passenger side
- Z5 Heated exterior mirror on passenger side
- * For models with automatic anti-dazzle exterior mirror



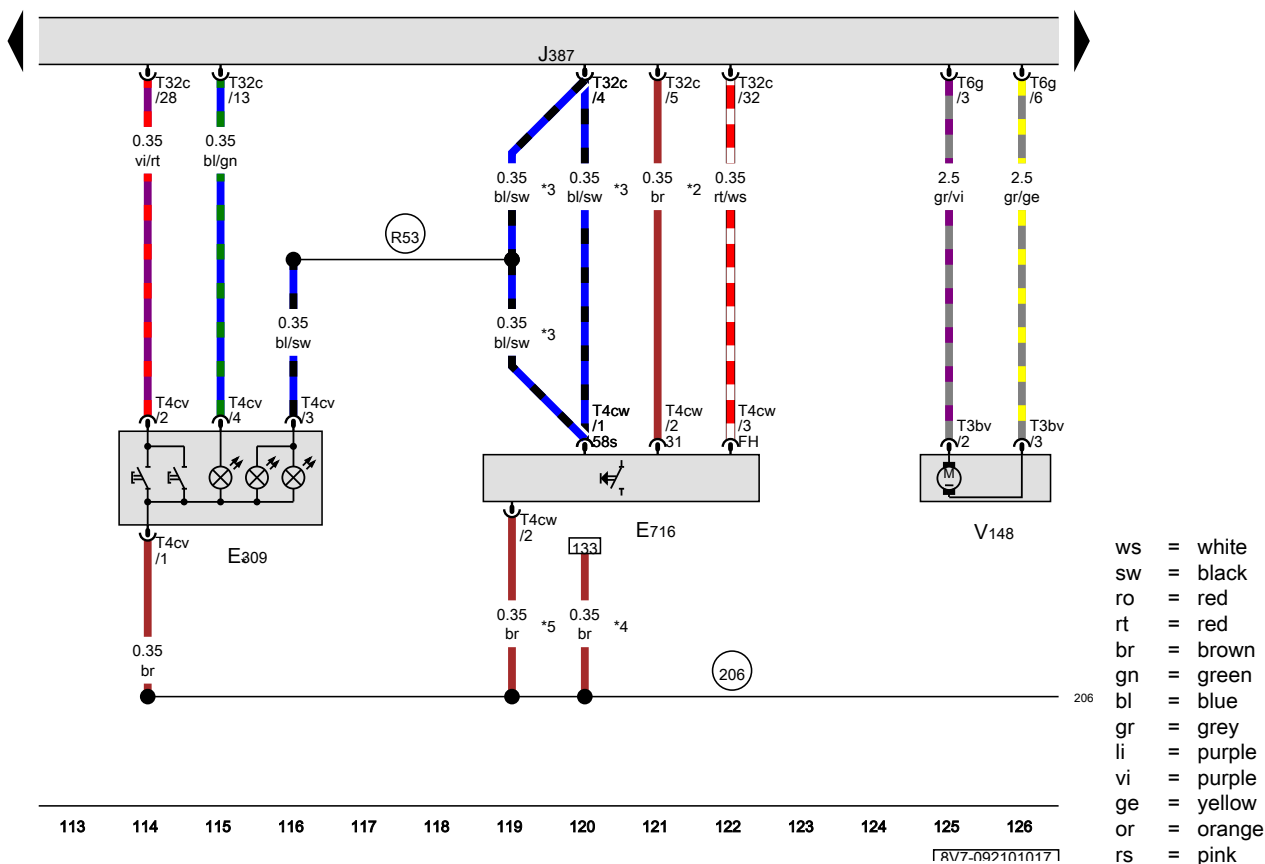
Front passenger side interior locking button for central locking system, Front passenger side window regulator button, Front passenger door control unit, Front passenger side window regulator motor

- E309 Front passenger side interior locking button for central locking system
- E716 Front passenger side window regulator button
- J387 Front passenger door control unit
- T3bv 3-pin connector
- T4cv 4-pin connector
- T4cw 4-pin connector
- T6g 6-pin connector
- T32c 32-pin connector
- V148 Front passenger side window regulator motor

206 Earth connection, in front passenger door wiring harness

R53 Connection (58s), in driver side door wiring harness

- * For models with front passenger side interior locking button
- *2 For models with no additional lights
- *3 According to equipment
- *4 For models with background lighting in sill panel mouldings
- *5 For models with additional lights

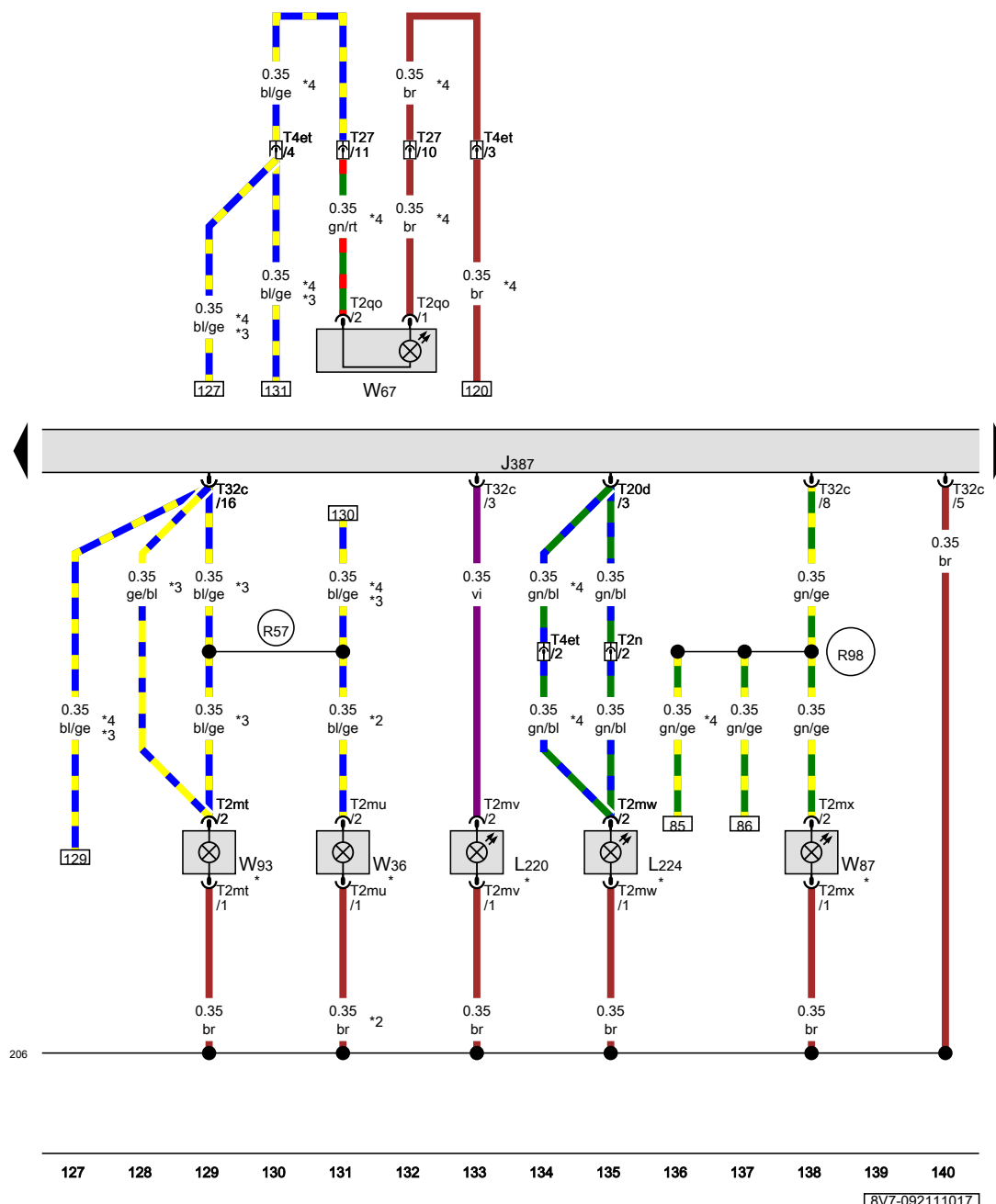


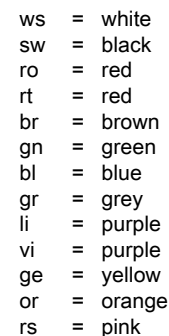
Front passenger door control unit, Light for passenger side interior door handle illumination, Light for passenger side door loudspeaker trim, Front passenger side door warning lamp, Light conductor for front left sill panel moulding background lighting, Light for passenger door background lighting, Passenger side entry light

- J387 Front passenger door control unit
- L220 Light for passenger side interior door handle illumination
- L224 Light for passenger side door loudspeaker trim
- T2mt 2-pin connector
- T2mu 2-pin connector
- T2mv 2-pin connector
- T2mw 2-pin connector
- T2mx 2-pin connector
- T2n 2-pin connector
- T2qo 2-pin connector
- T4et 4-pin connector
- T20d 20-pin connector
- T32c 32-pin connector
- W36 Front passenger side door warning lamp
- W67 Light conductor for front left sill panel moulding background lighting
- W87 Light for passenger door background lighting
- W93 Passenger side entry light

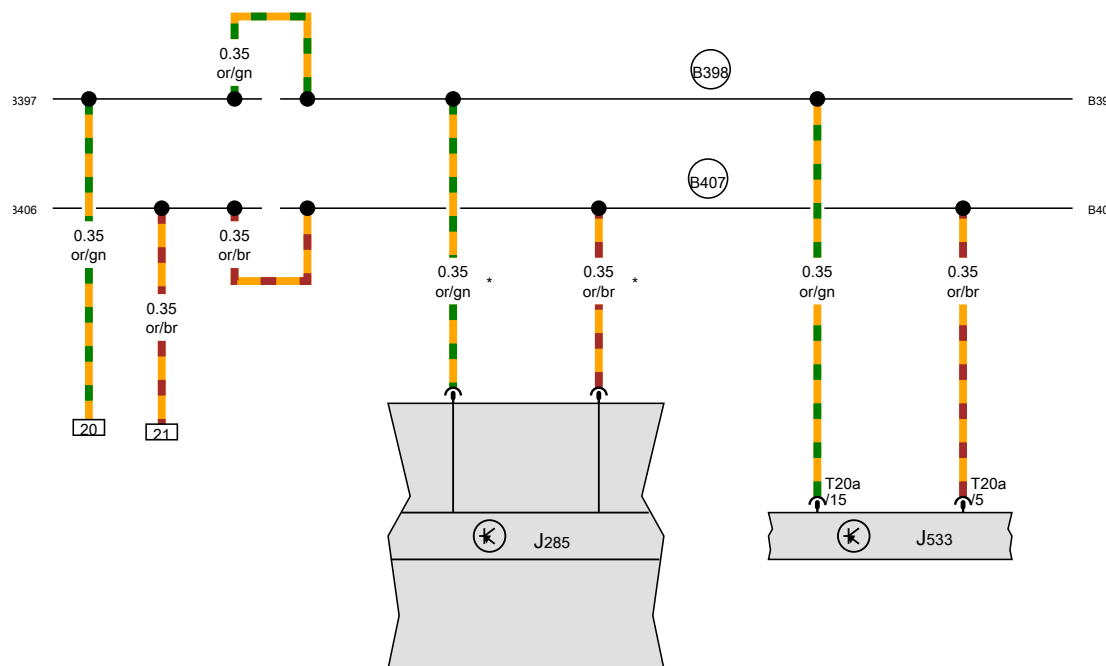
- 206 Earth connection, in front passenger door wiring harness
- R57 Connection (entry light), in front passenger door wiring harness
- R98 Connection 1 in front passenger side door wiring harness
- * For models with additional lights
- *2 Up to April 2017
- *3 According to equipment
- *4 For models with background lighting in sill panel mouldings

ws = white
 sw = black
 ro = red
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*3 For models with no entry and start authorisation



Control unit in dash panel insert, Data bus diagnostic interface

J285 Control unit in dash panel insert
J533 Data bus diagnostic interface
T20a 20-pin connector

B397 Connection 1 (convenience CAN bus, high), in main wiring harness

B398 Connection 2 (convenience CAN bus, high), in main wiring harness

B406 Connection 1 (convenience CAN bus, low), in main wiring harness

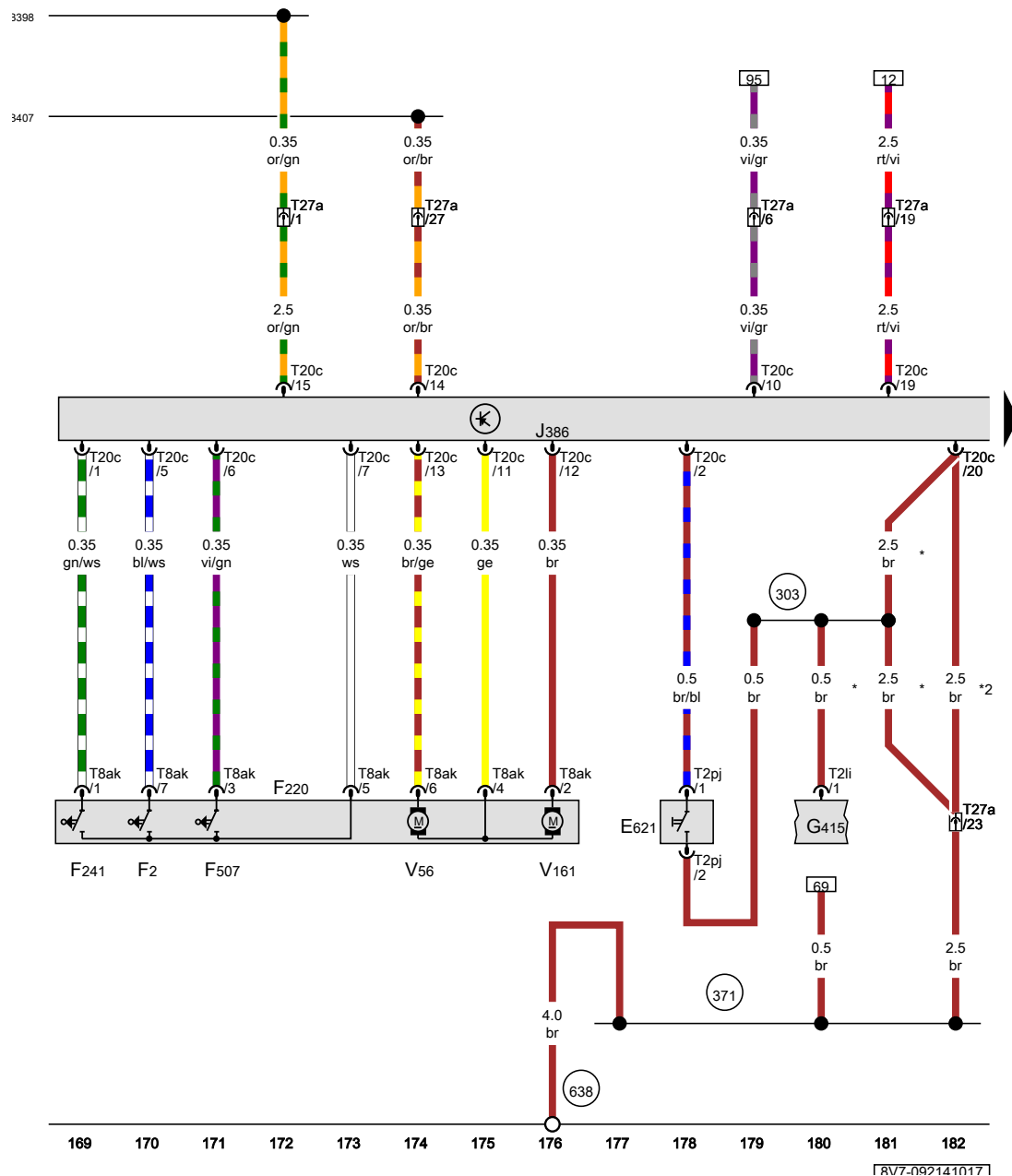
B407 Connection 2 (convenience CAN bus, low), in main wiring harness

* see applicable current flow diagram for dash panel insert

ws = white
sw = black
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vi = purple
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or = orange
rs = pink

155 156 157 158 159 160 161 162 163 164 165 166 167 168

[8V7-092131017]

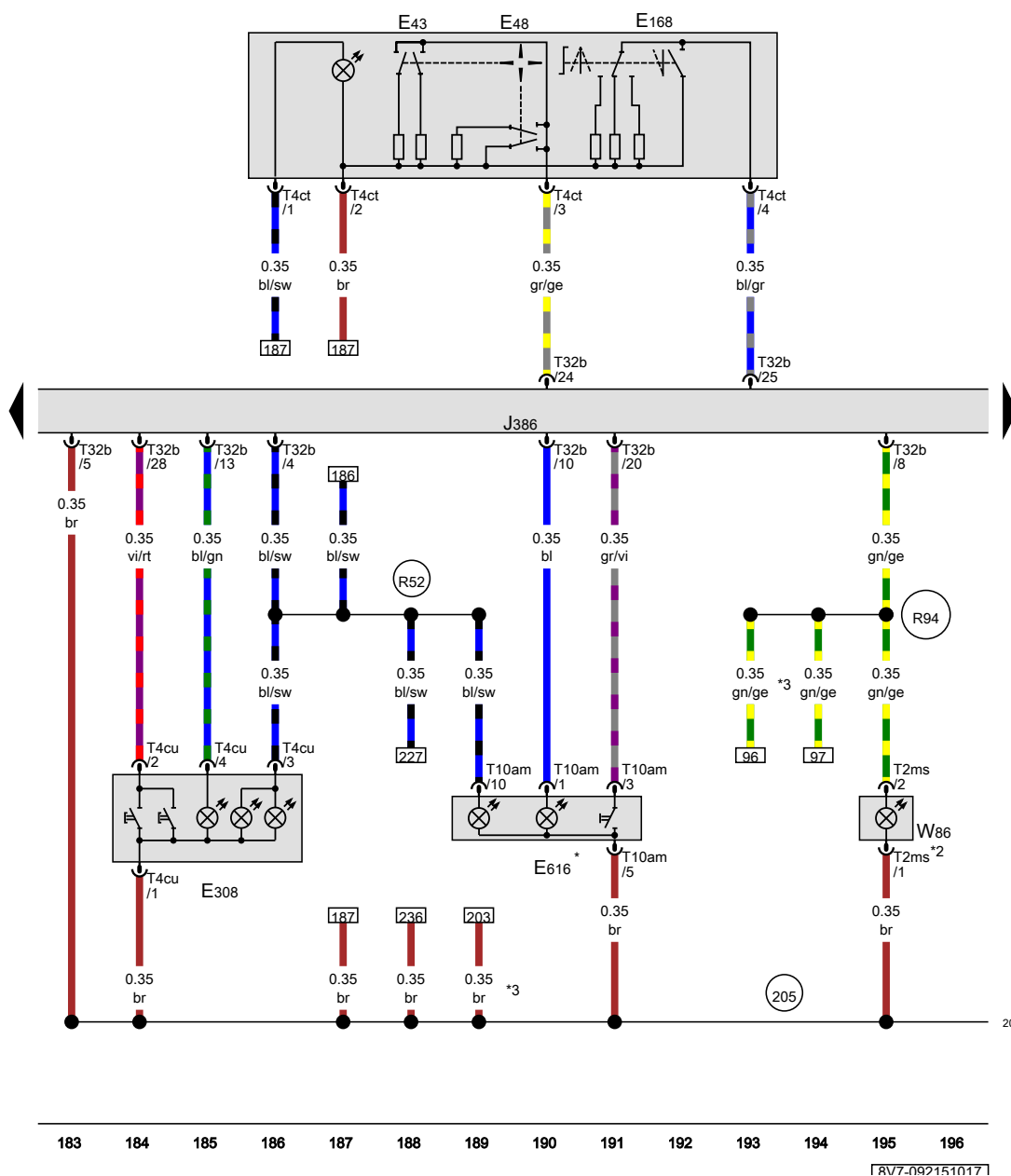


Microswitch for lowering driver window, Driver door contact switch, Driver side central locking lock unit, Driver side contact switch in lock cylinder, Driver side central locking actuator, Driver door control unit, Driver door central locking motor, Driver door central locking SAFELOCK function motor

- E621 Microswitch for lowering driver window
- F2 Driver door contact switch
- F220 Driver side central locking lock unit
- F241 Driver side contact switch in lock cylinder
- F507 Driver side central locking actuator
- G415 Driver exterior door handle contact sensor
- J386 Driver door control unit
- T2li 2-pin connector
- T2pj 2-pin connector
- T8ak 8-pin connector
- T20c 20-pin connector
- T27a 27-pin connector
- V56 Driver door central locking motor
- V161 Driver door central locking SAFELOCK function motor

- 303 Earth connection 3, in drive side door wiring harness
- 371 Earth connection 6, in main wiring harness
- 638 Earth point, on right A-pillar
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness
- * For models with entry and start authorisation
- *2 For models with no entry and start authorisation

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Mirror adjustment switch, Mirror adjustment changeover switch, Adjustment switch for mirror with fold-in feature, Driver side interior locking button for central locking system, Button for deactivating interior monitoring and vehicle inclination sensor, Driver door control unit, Light for driver door background lighting

- E43 Mirror adjustment switch
- E48 Mirror adjustment changeover switch
- E168 Adjustment switch for mirror with fold-in feature
- E308 Driver side interior locking button for central locking system
- E616 Button for deactivating interior monitoring and vehicle inclination sensor
- J386 Driver door control unit
- T2ms 2-pin connector
- T4ct 4-pin connector
- T4cu 4-pin connector
- T10am 10-pin connector
- T32b 32-pin connector
- W86 Light for driver door background lighting

205 Earth connection, in driver door wiring harness

R52 Connection (58s), in driver side door wiring harness

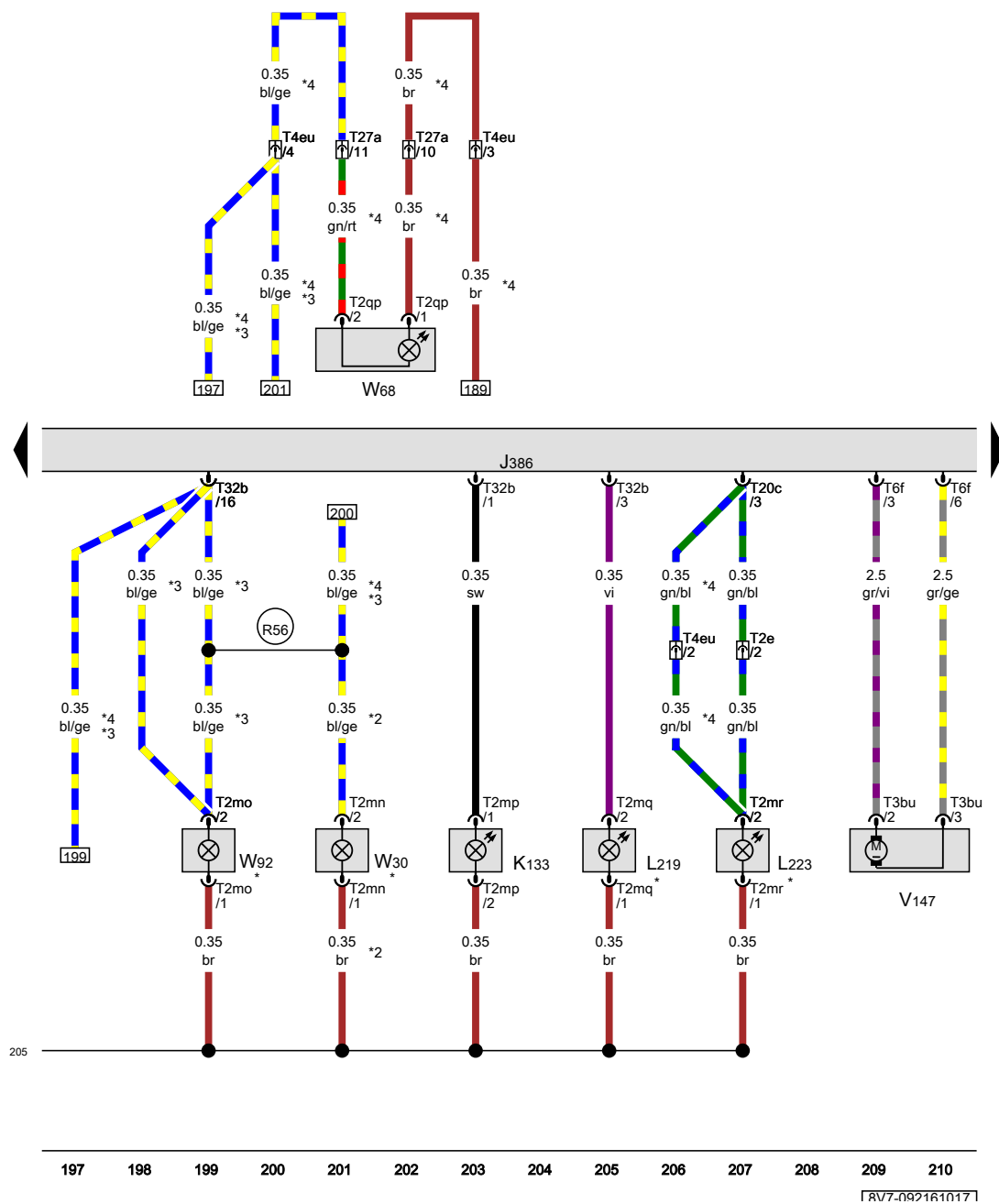
R94 Connection 1 in driver side door wiring harness

* For models with interior monitoring

*2 For models with additional lights

*3 For models with background lighting in sill panel mouldings

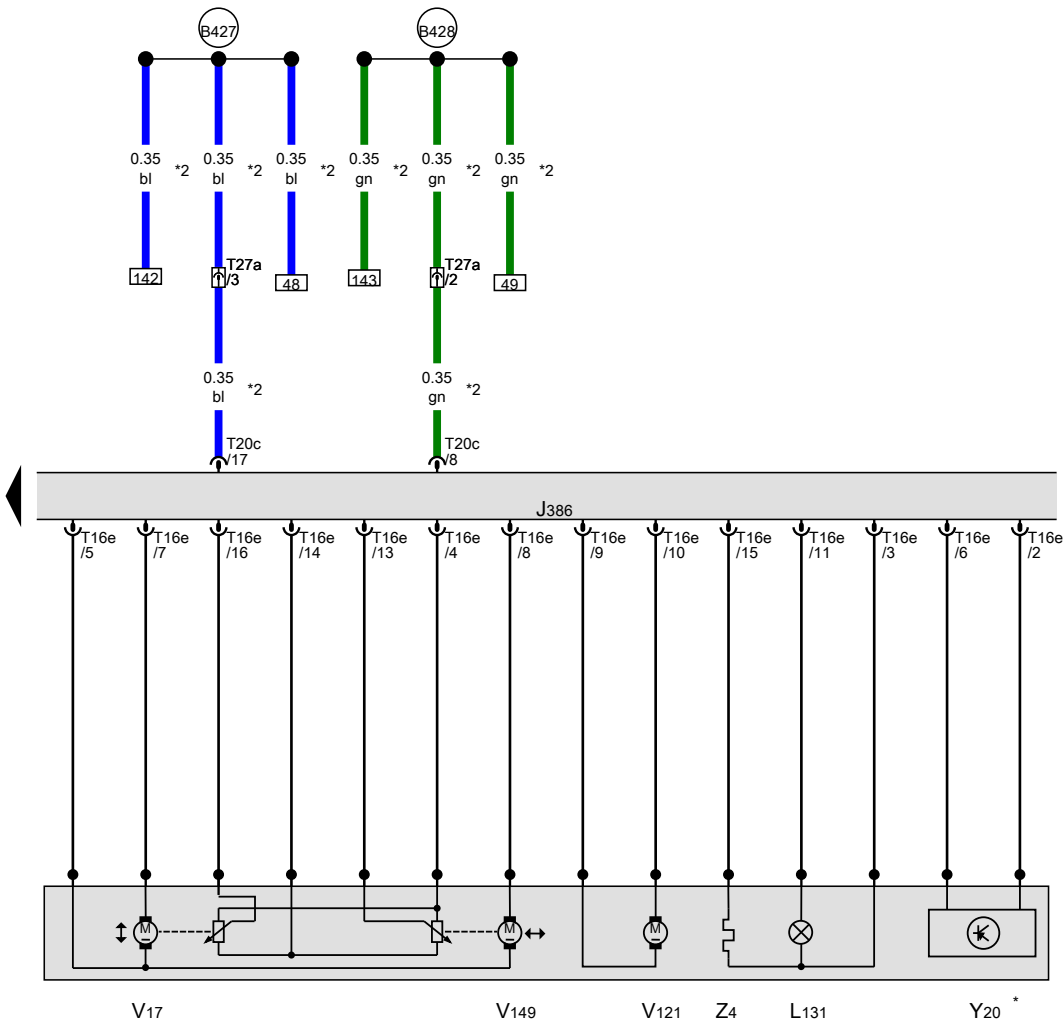
ws = white
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Driver door control unit, Central locking SAFELOCK function warning lamp, Light for driver side interior door handle illumination, Light for driver side door loudspeaker trim, Driver side window regulator motor, Driver side door warning lamp, Light conductor for front right sill panel moulding background lighting, Driver side entry light

- J386 Driver door control unit
- K133 Central locking SAFELOCK function warning lamp
- L219 Light for driver side interior door handle illumination
- L223 Light for driver side door loudspeaker trim
- T2e 2-pin connector
- T2mn 2-pin connector
- T2mo 2-pin connector
- T2mp 2-pin connector
- T2mq 2-pin connector
- T2mr 2-pin connector
- T2qp 2-pin connector
- T3bu 3-pin connector
- T4eu 4-pin connector
- T6f 6-pin connector
- T20c 20-pin connector
- T27a 27-pin connector
- T32b 32-pin connector
- V147 Driver side window regulator motor
- W30 Driver side door warning lamp
- W68 Light conductor for front right sill panel moulding background lighting
- W92 Driver side entry light
- 205 Earth connection, in driver door wiring harness
- R56 Connection (entry light), in driver door wiring harness
- * For models with additional lights
- *2 Up to April 2017
- *3 According to equipment
- *4 For models with background lighting in sill panel mouldings

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Driver door control unit, Driver side turn signal repeater bulb, Driver side mirror adjustment motor 2, Driver side fold-in mirror motor, Driver side mirror adjustment motor, Automatic anti-dazzle exterior mirror, driver side, Heated exterior mirror on driver side

- J386 Driver door control unit
- L131 Driver side turn signal repeater bulb
- T16e 16-pin connector
- T20c 20-pin connector
- T27a 27-pin connector
- V17 Driver side mirror adjustment motor 2
- V121 Driver side fold-in mirror motor
- V149 Driver side mirror adjustment motor
- Y20 Automatic anti-dazzle exterior mirror, driver side
- Z4 Heated exterior mirror on driver side

B427 Connection 1 (mirror signal), in main wiring harness

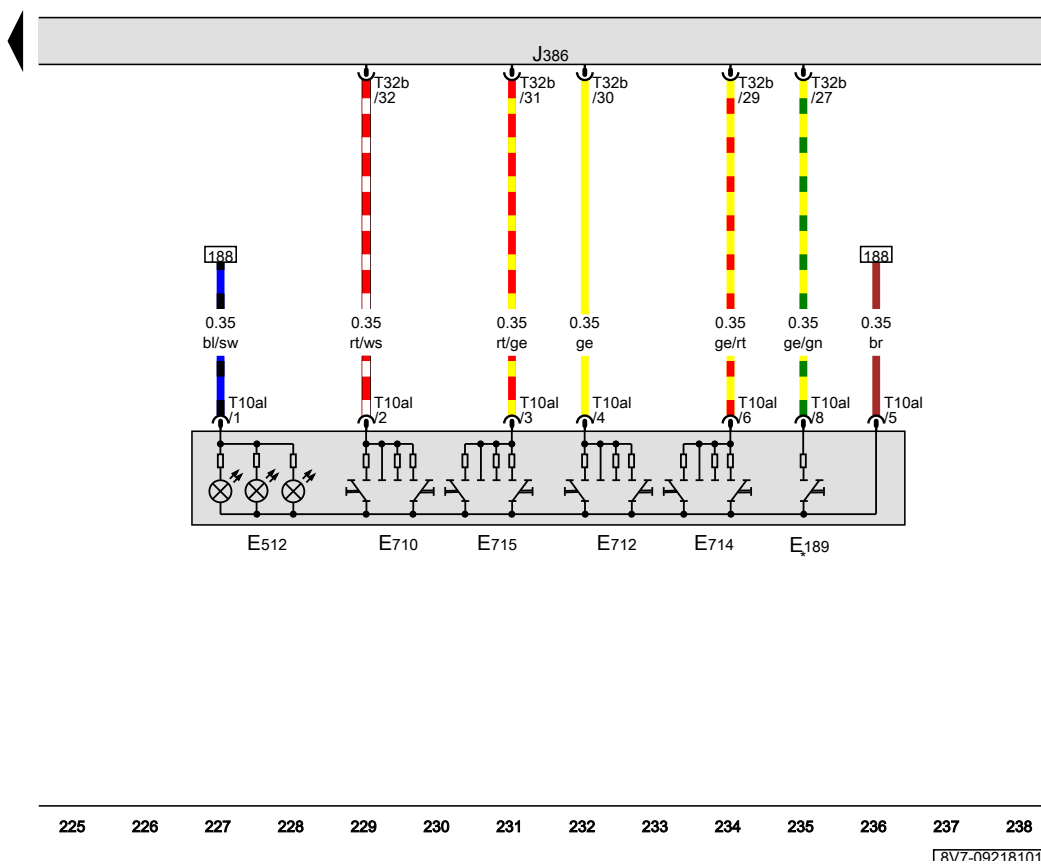
B428 Connection 2 (mirror signal), in main wiring harness

- * For models with automatic anti-dazzle exterior mirror
- *2 For models with automatic anti-dazzle interior mirror

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Central switch for window regulators in driver door,
Operating unit for window regulator in driver door, Front
driver side window regulator button, Rear driver side window
regulator button, in driver door, Rear passenger side
window regulator button, in driver door, Front passenger
side window regulator button, in driver door, Driver door
control unit

- E189 Central switch for window regulators in driver door
- E512 Operating unit for window regulator in driver door
- E710 Front driver side window regulator button
- E712 Rear driver side window regulator button, in driver door
- E714 Rear passenger side window regulator button, in driver door
- E715 Front passenger side window regulator button, in driver door
- J386 Driver door control unit
- T10al 10-pin connector
- T32b 32-pin connector
- * If fitted

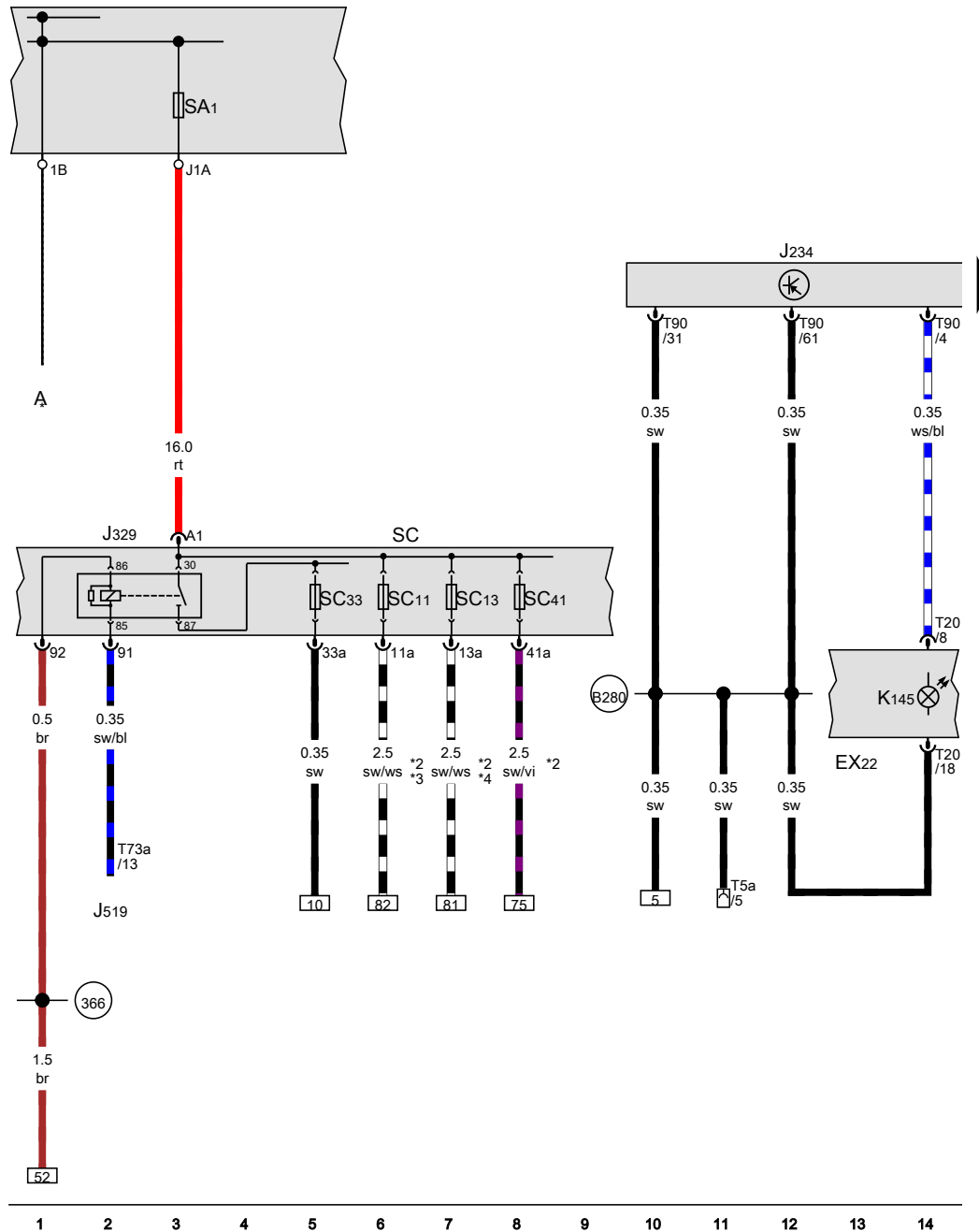


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Airbag systems for RHD vehicles , (L0R)

From November 2013

Centre switch module in dash panel, Airbag control unit, Terminal 15 voltage supply relay, Warning lamp for airbag deactivated on front passenger side, Fuse holder C



- A Battery
- EX22 Centre switch module in dash panel
- J234 Airbag control unit
- J329 Terminal 15 voltage supply relay
- J519 Onboard supply control unit
- K145 Warning lamp for airbag deactivated on front passenger side
- SA1 Fuse 1 on fuse holder A
- SC Fuse holder C
- SC11 Fuse 11 on fuse holder C
- SC13 Fuse 13 on fuse holder C
- SC33 Fuse 33 on fuse holder C
- SC41 Fuse 41 on fuse holder C
- T5a 5-pin connector
- T20 20-pin connector
- T73a 73-pin connector
- T90 90-pin connector

366 Earth connection 1, in main wiring harness

B280 Positive connection 4 (15a) in main wiring harness

* see applicable current flow diagram for battery in engine compartment

*2 According to equipment

*3 Up to April 2017

*4 From May 2017

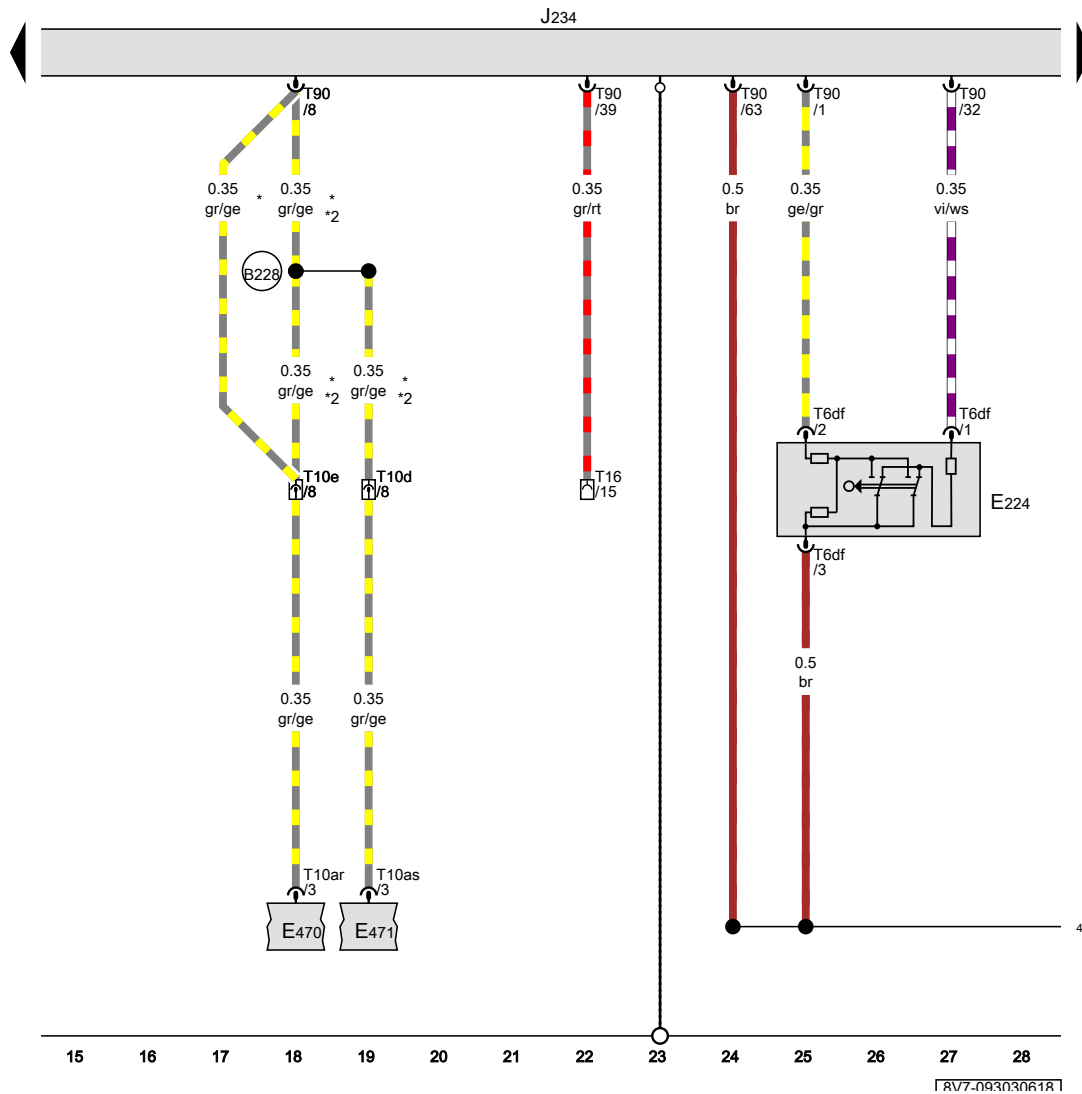
Key operated switch to deactivate airbag on front passenger side, Airbag control unit

- E224 Key operated switch to deactivate airbag on front passenger side
- E470 Driver seat adjustment operating unit
- E471 Front passenger seat adjustment operating unit
- J234 Airbag control unit
- T6df 6-pin connector
- T10ar 10-pin connector
- T10as 10-pin connector
- T10d 10-pin connector, in coupling point for front seat, left
- T10e 10-pin connector, in coupling point for front seat, right
- T16 16-pin connector
- T90 90-pin connector

475 Earth connection (airbag), in main wiring harness

B228 Connection (crash signal), in interior wiring harness

- * For models with electric seat adjustment on driver side
- *2 For models with electric seat adjustment on passenger side



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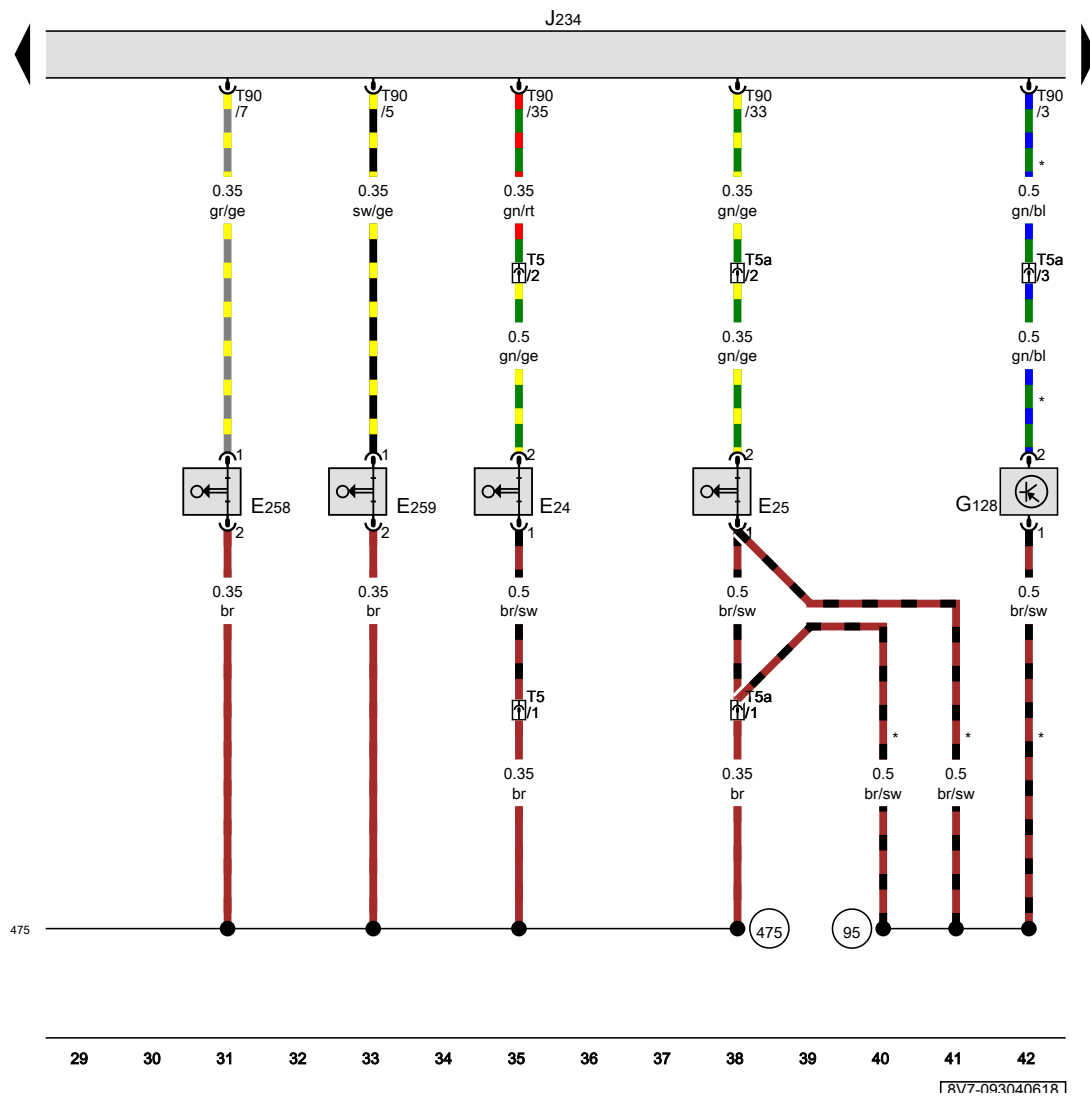
Driver side belt switch, Front passenger side belt switch, Rear belt switch, driver side, Rear belt switch, passenger side, Airbag control unit

- E24 Driver side belt switch
- E25 Front passenger side belt switch
- E258 Rear belt switch, driver side
- E259 Rear belt switch, passenger side
- G128 Seat occupied sensor, front passenger side
- J234 Airbag control unit
- T5 5-pin connector
- T5a 5-pin connector
- T90 90-pin connector

95 Earth connection 1, in seat adjustment wiring harness

475 Earth connection (airbag), in main wiring harness

* For models with seat occupied recognition

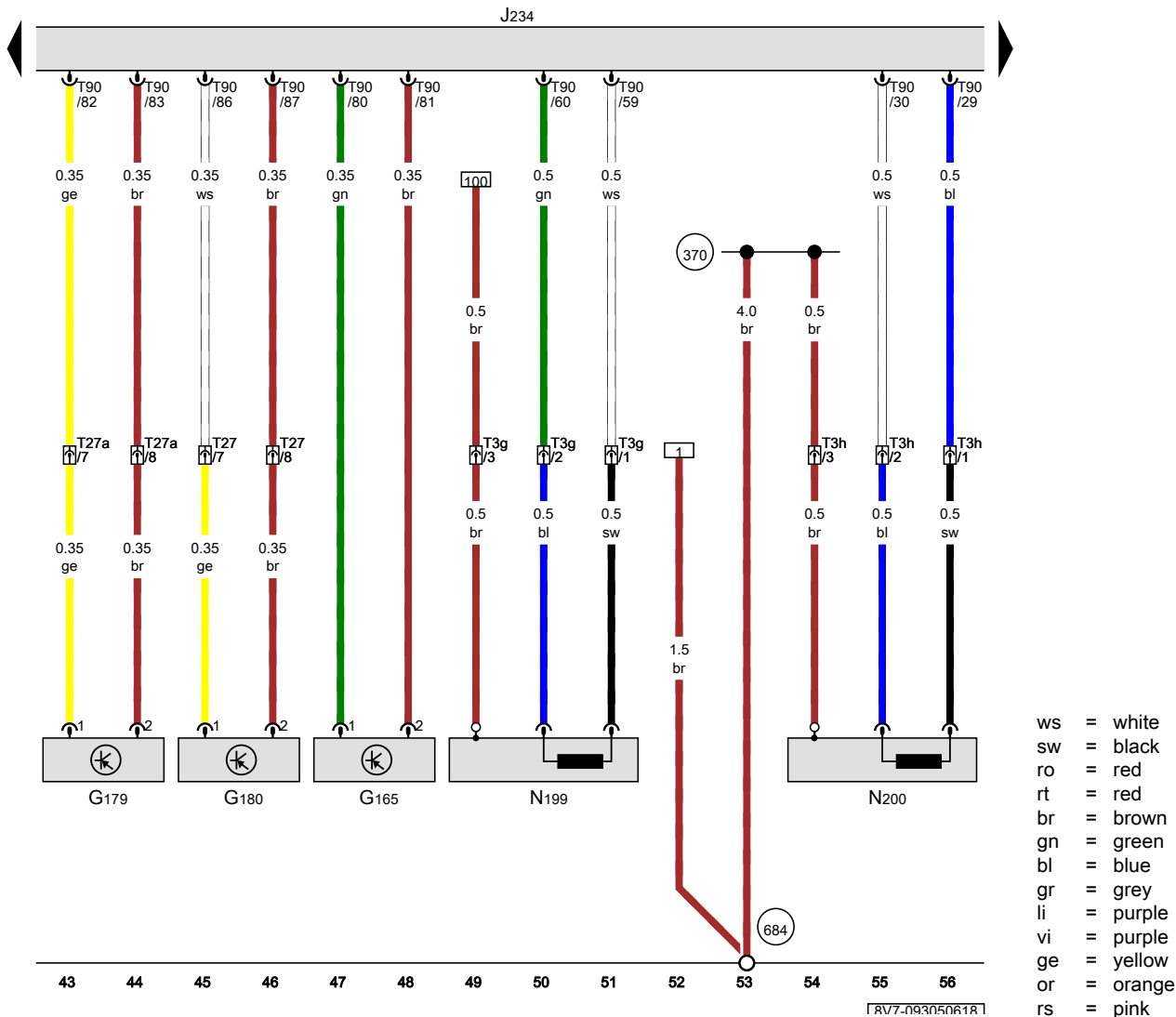


Acceleration sender, Side airbag crash sensor on driver side, Side airbag crash sensor on front passenger side, Airbag control unit, Side airbag igniter on driver side, Side airbag igniter on front passenger side

- G165 Acceleration sender
- G179 Side airbag crash sensor on driver side
- G180 Side airbag crash sensor on front passenger side
- J234 Airbag control unit
- N199 Side airbag igniter on driver side
- N200 Side airbag igniter on front passenger side
- T3g 3-pin connector, in driver seat armrest
- T3h 3-pin connector, under front passenger seat
- T27 27-pin connector
- T27a 27-pin connector
- T90 90-pin connector

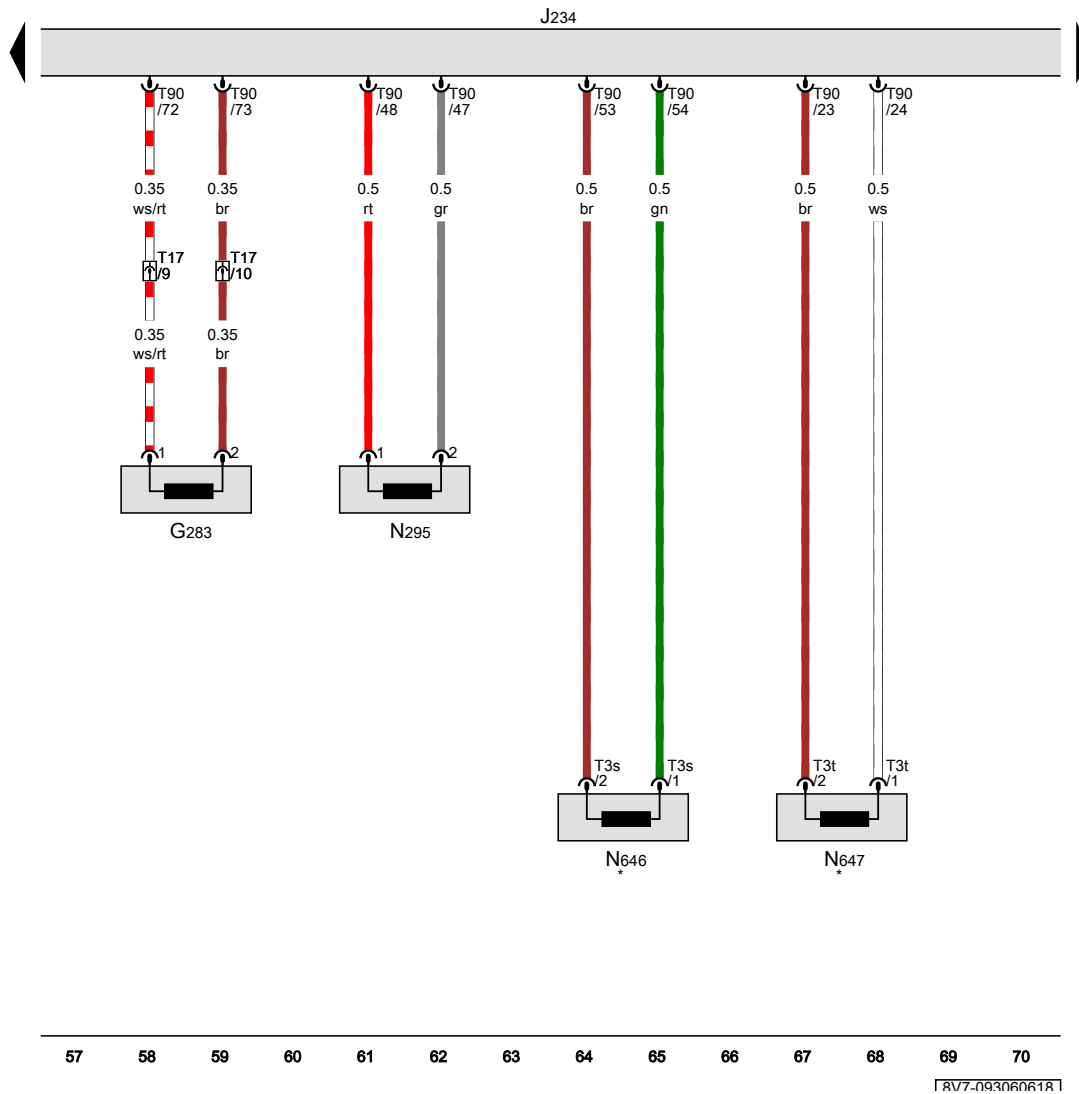
370 Earth connection 5, in main wiring harness

684 Earth point on front of left side member



Front airbag crash sensor for driver side, Airbag control unit, Driver side knee airbag igniter, Trigger for driver side roll-over bar, Trigger for passenger side roll-over bar

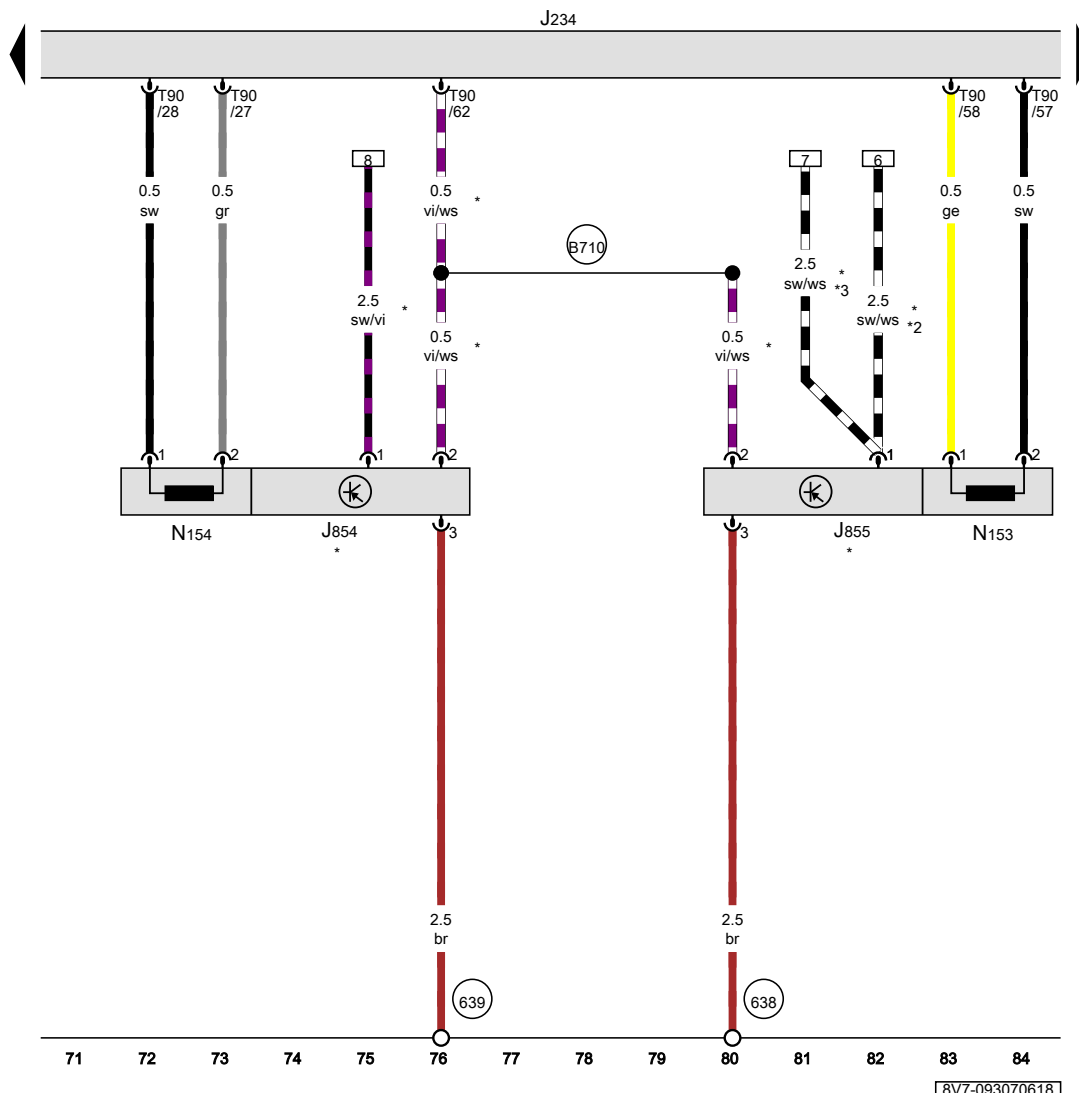
- G283 Front airbag crash sensor for driver side
- J234 Airbag control unit
- N295 Driver side knee airbag igniter
- N646 Trigger for driver side roll-over bar
- N647 Trigger for passenger side roll-over bar
- T3s 3-pin connector
- T3t 3-pin connector
- T17 17-pin connector
- T90 90-pin connector
- * Pre-wired component



Airbag control unit, Control unit for front left belt tensioner, Control unit for front right belt tensioner, Driver seat belt tensioner igniter 1, Front passenger seat belt tensioner igniter 1

- J234 Airbag control unit
- J854 Control unit for front left belt tensioner
- J855 Control unit for front right belt tensioner
- N153 Driver seat belt tensioner igniter 1
- N154 Front passenger seat belt tensioner igniter 1
- T90 90-pin connector

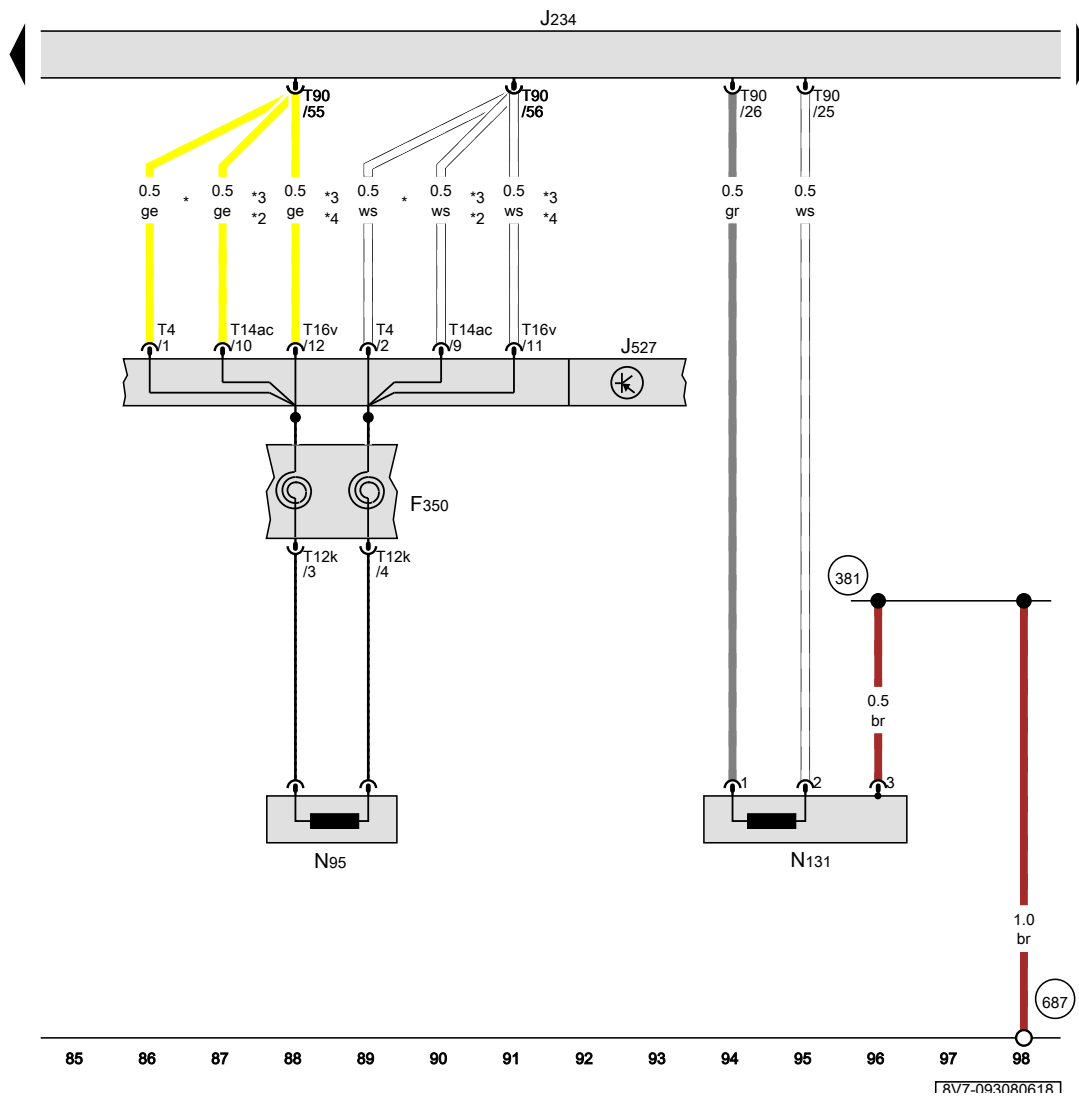
- 638 Earth point, on right A-pillar
- 639 Earth point, left A-pillar
- B710 Connection 5 (LIN bus) in main wiring harness
- * According to equipment
- *2 Up to April 2017
- *3 From May 2017



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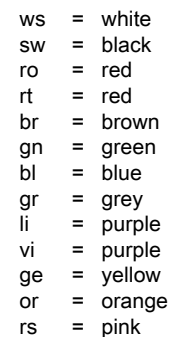
Airbag control unit, Steering column electronics control unit,
Airbag igniter on driver side, Airbag igniter 1 on front
passenger side

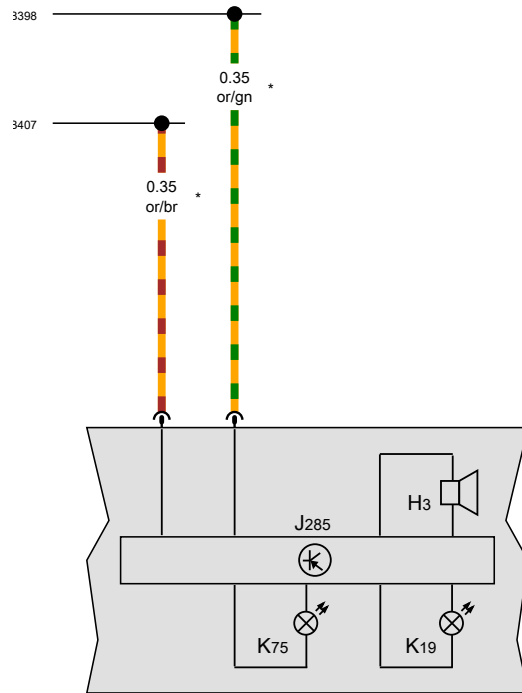
- F350 Coil connector
- J234 Airbag control unit
- J527 Steering column electronics control unit
- N95 Airbag igniter on driver side
- N131 Airbag igniter 1 on front passenger side
- T4 4-pin connector, yellow
- T10x 10-pin connector
- T12k 12-pin connector
- T14ac 14-pin connector, black
- T16v 16-pin connector, black
- T90 90-pin connector
- 381 Earth connection 16, in main wiring harness
- 687 Earth point 1, on centre tunnel
- * Up to June 2018
- *2 For models with heated steering wheel
- *3 From July 2018
- *4 For models with no heated steering wheel





B407 Connection 2 (convenience CAN bus, low), in main wiring harness





Buzzer and gong, Control unit in dash panel insert, Seat belt warning system warning lamp, Airbag warning lamp

- H3 Buzzer and gong
- J285 Control unit in dash panel insert
- K19 Seat belt warning system warning lamp
- K75 Airbag warning lamp
- (B398) Connection 2 (convenience CAN bus, high), in main wiring harness
- (B407) Connection 2 (convenience CAN bus, low), in main wiring harness
- * see applicable current flow diagram for dash panel insert

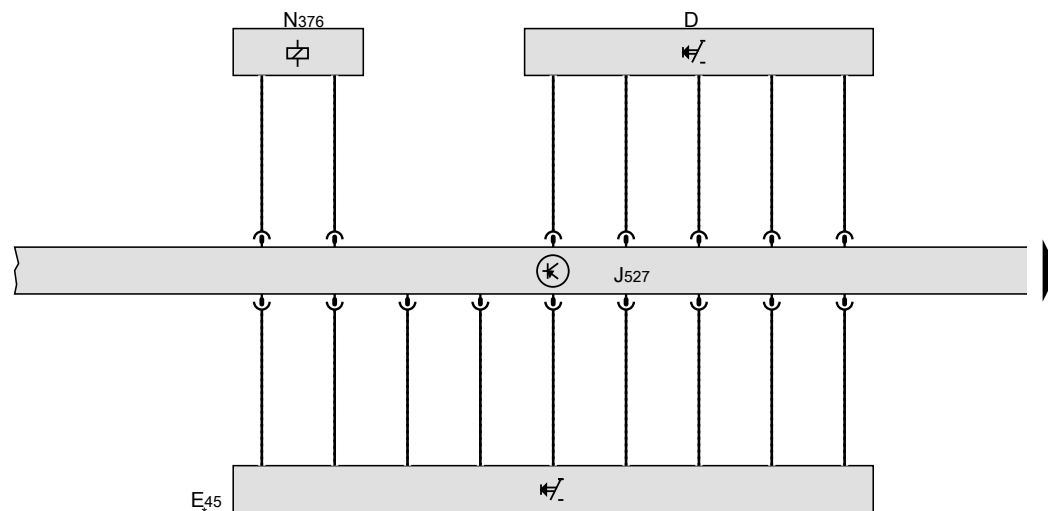
ws = white
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1.4l petrol engine , CSSA,DBWA

From January 2014

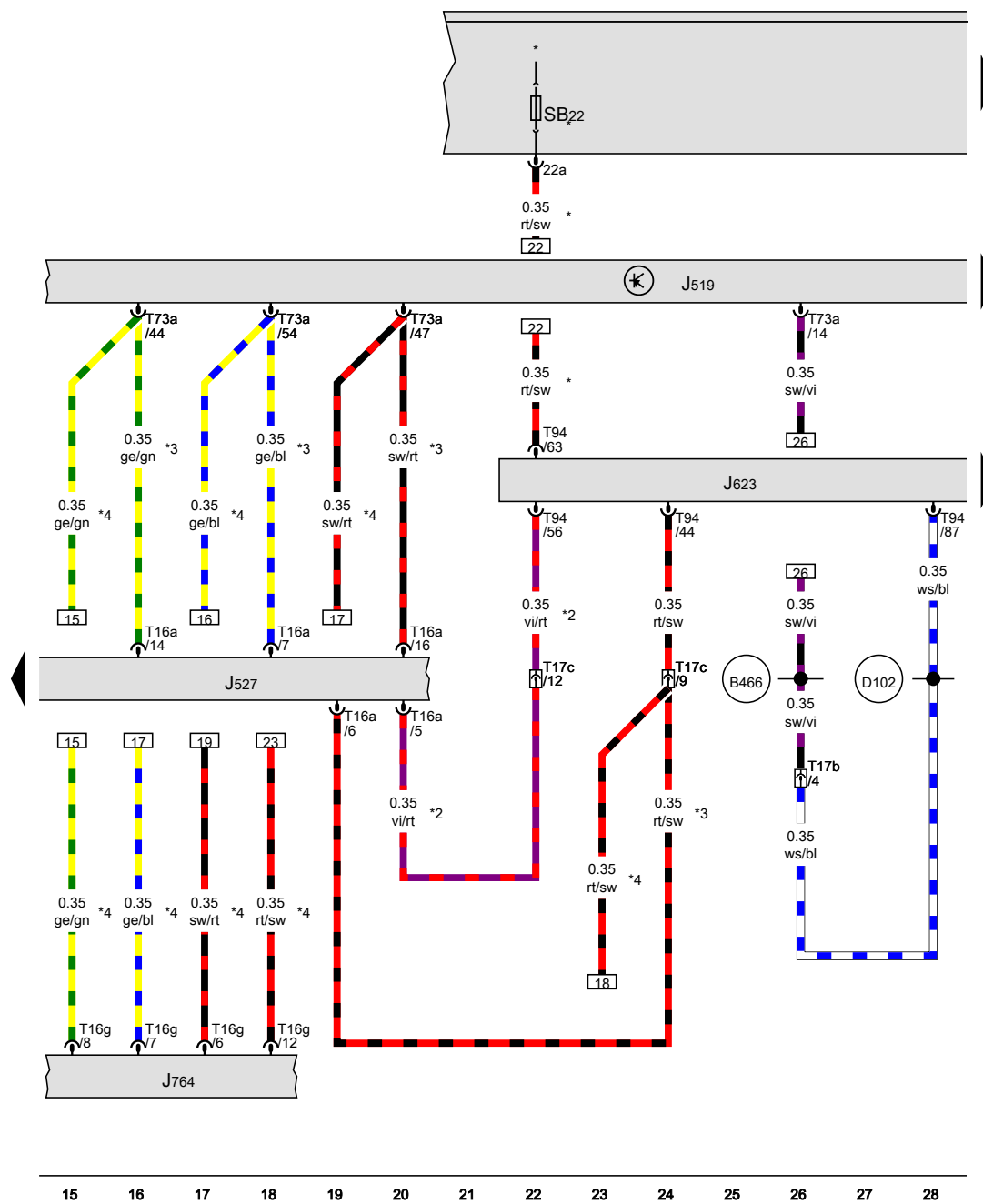
Ignition/starter switch, Cruise control system switch,
Steering column electronics control unit

- D Ignition/starter switch
- E45 Cruise control system switch
- J527 Steering column electronics control unit
- N376 Ignition key withdrawal lock solenoid
- T2jb 2-pin connector
- * Only models with cruise control system (CCS)



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185A-0940704171



Onboard supply control unit, Steering column electronics control unit, Engine control unit

- J519 Onboard supply control unit
- J527 Steering column electronics control unit
- J623 Engine control unit
- J764 Control unit for electronic steering column lock
- SB22 Fuse 22 on fuse holder B
- T16a 16-pin connector
- T16g 16-pin connector
- T17b 17-pin connector
- T17c 17-pin connector
- T73a 73-pin connector
- T94 94-pin connector

B466 Connection 2, in main wiring harness

D102 Connection 2 in engine compartment wiring harness

* see applicable current flow diagram for battery in engine compartment

*2 Only models with cruise control system (CCS)

*3 Only models with no entry and start authorisation

*4 Only models with entry and start authorisation

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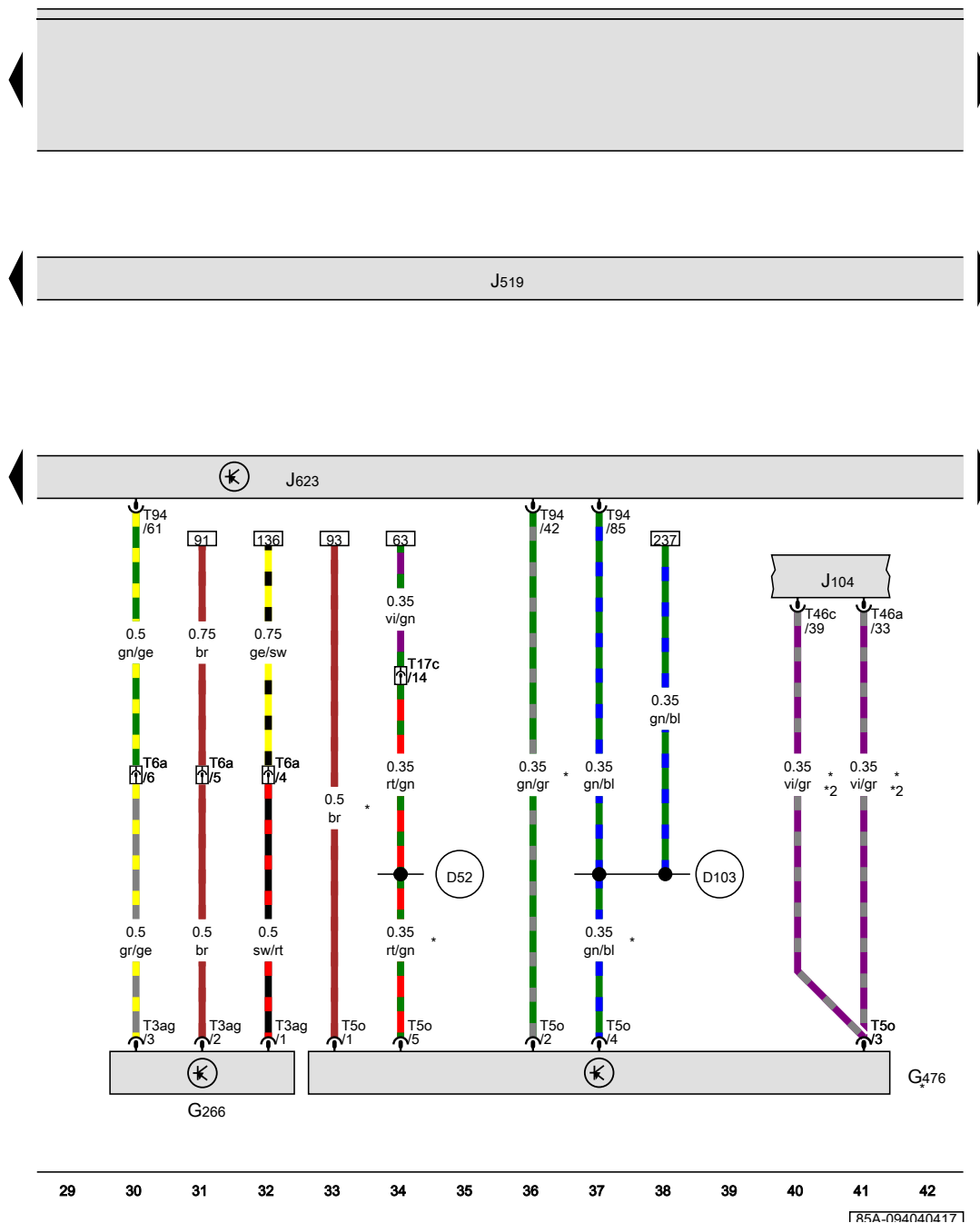
Oil level and oil temperature sender, Clutch position sender, Onboard supply control unit, Engine control unit

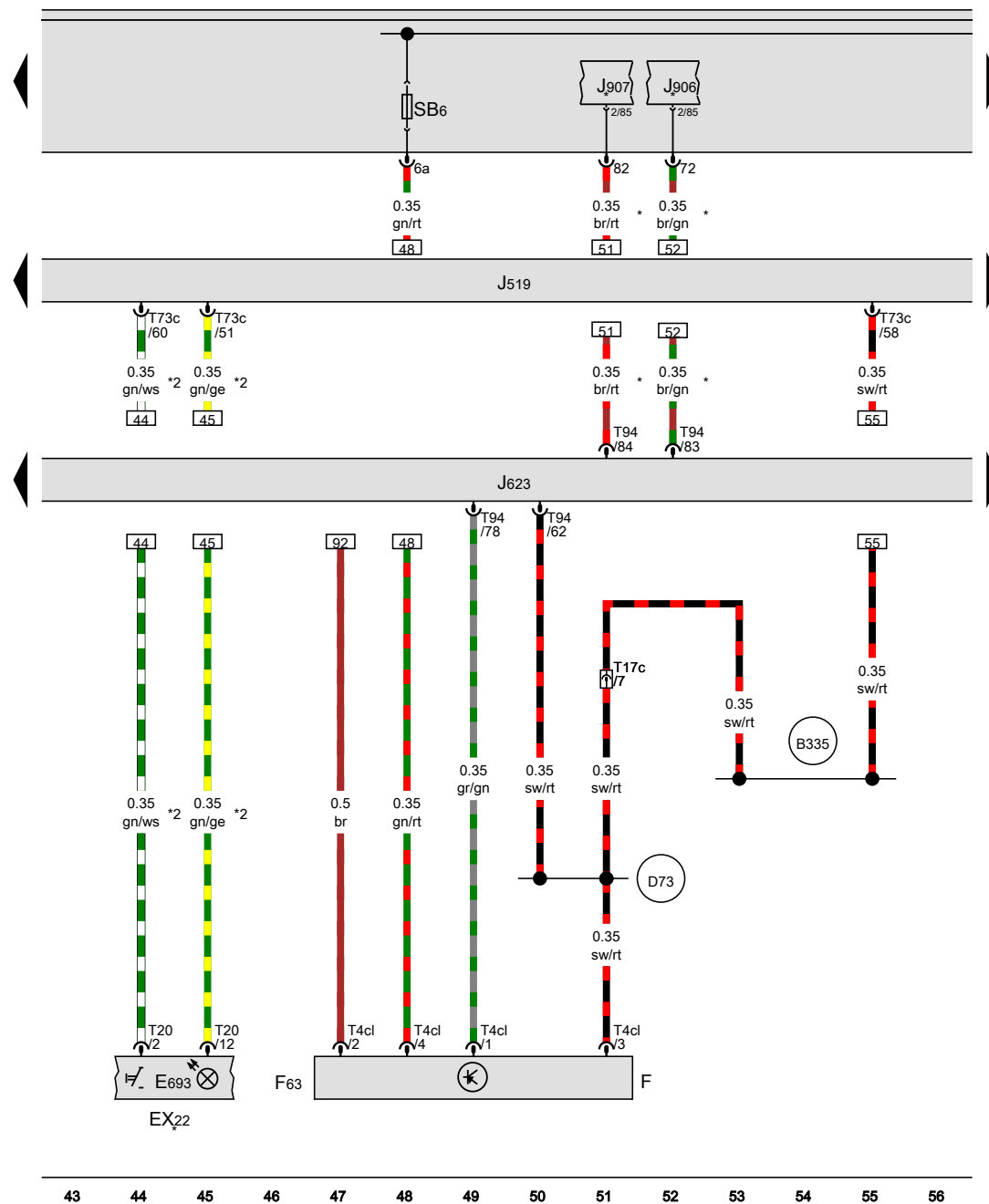
- G266 Oil level and oil temperature sender
- G476 Clutch position sender
- J104 ABS control unit
- J519 Onboard supply control unit
- J623 Engine control unit
- T3ag 3-pin connector, black
- T5o 5-pin connector, black
- T6a 6-pin connector
- T17c 17-pin connector
- T46a 46-pin connector, black
- T46c 46-pin connector, black
- T94 94-pin connector

D52 Positive connection (15a), in engine compartment wiring harness

D103 Connection 3 in engine compartment wiring harness

- * Only models with manual gearbox
- *2 According to equipment





Centre switch module in dash panel, Brake light switch, Brake pedal switch, Onboard supply control unit, Engine control unit

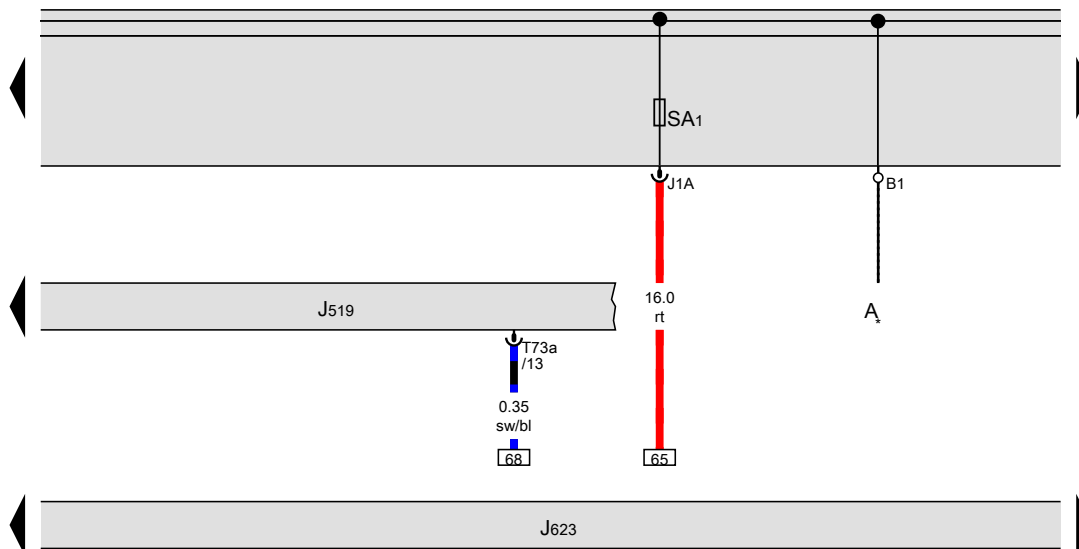
- EX22 Centre switch module in dash panel
- E693 Start/Stop operation button
- F Brake light switch
- F63 Brake pedal switch
- J519 Onboard supply control unit
- J623 Engine control unit
- J906 Starter relay 1
- J907 Starter relay 2
- SB6 Fuse 6 on fuse holder B
- T4cl 4-pin connector, black
- T17c 17-pin connector
- T20 20-pin connector
- T73c 73-pin connector
- T94 94-pin connector

B335 Connection 1 (54), in main wiring harness

D73 Positive connection (54), in engine compartment wiring harness

- * see applicable current flow diagram for battery in engine compartment
- *2 Only models with start/stop system

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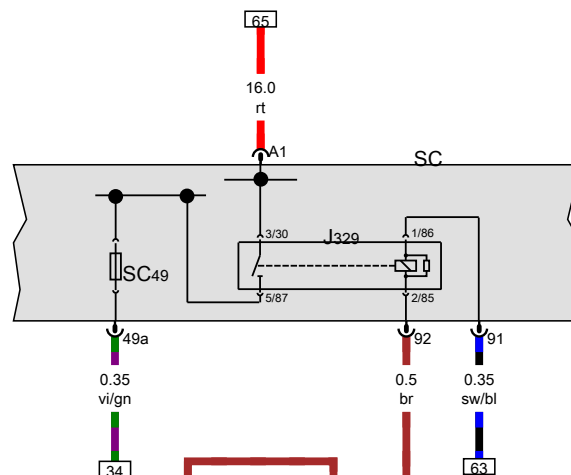
Terminal 15 voltage supply relay, Onboard supply control unit, Engine control unit, Fuse holder C

- A Battery
- J329 Terminal 15 voltage supply relay
- J519 Onboard supply control unit
- J623 Engine control unit
- SA1 Fuse 1 on fuse holder A
- SC Fuse holder C
- SC49 Fuse 49 on fuse holder C
- T73a 73-pin connector
- 366 Earth connection 1, in main wiring harness
- 369 Earth connection 4, in main wiring harness
- 639 Earth point, left A-pillar
- 684 Earth point on front of left side member

* see applicable current flow diagram for battery in engine compartment

*2 Only left-hand drive models

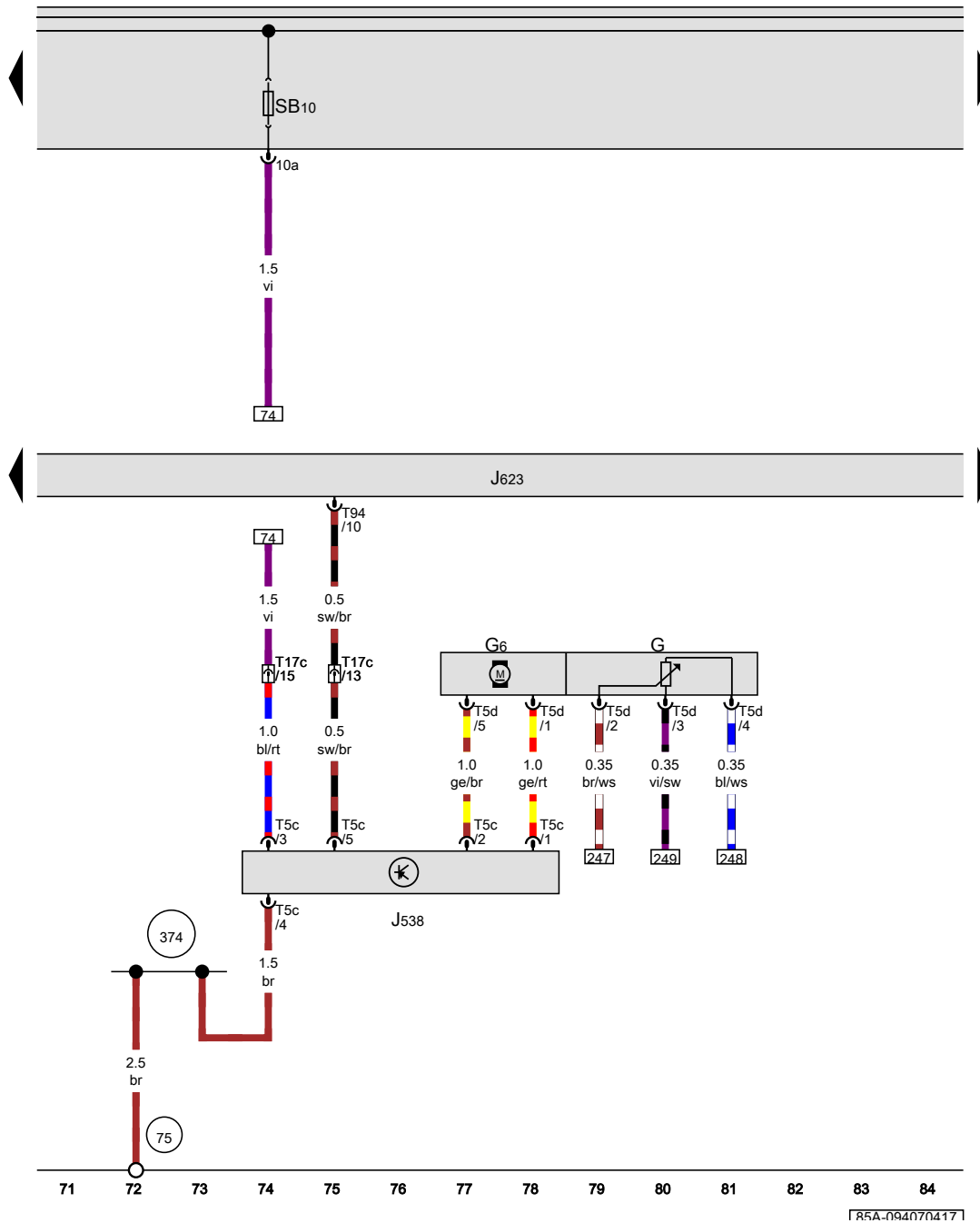
*3 Only right-hand drive models



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57 58 59 60 61 62 63 64 65 66 67 68 69 70

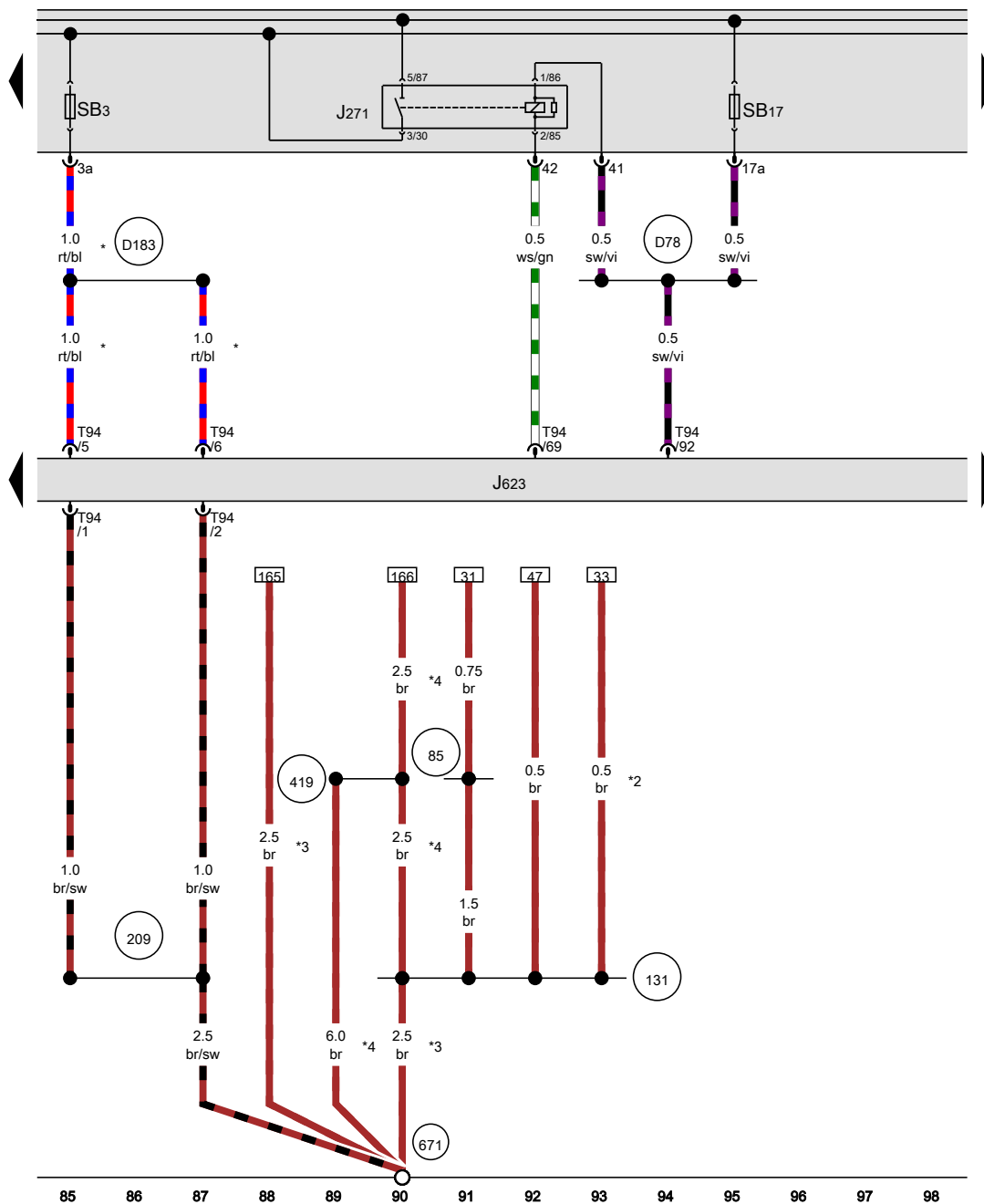
[85A-094060417]



Fuel gauge sender, Fuel system pressurisation pump, Engine control unit

- G Fuel gauge sender
- G6 Fuel system pressurisation pump
- J538 Fuel pump control unit
- J623 Engine control unit
- SB10 Fuse 10 on fuse holder B
- T5c 5-pin connector
- T5d 5-pin connector
- T17c 17-pin connector
- T94 94-pin connector

- 75 Earth point, rear right pillar
- 374 Earth connection 9, in main wiring harness



Main relay, Engine control unit

- J271 Main relay
- J623 Engine control unit
- SB3 Fuse 3 on fuse holder B
- SB17 Fuse 17 on fuse holder B
- T94 94-pin connector

- 85 Earth connection 1, in engine compartment wiring harness
- 131 Earth connection 2, in engine compartment wiring harness
- 209 Earth connection 6, in engine compartment wiring harness
- 419 Earth connection 11, in engine compartment wiring harness
- 671 Earth point 1, on front of left longitudinal member
- D78 Positive connection 1 (30a), in engine compartment wiring harness
- D183 Connection 4 (87a), in engine compartment wiring harness

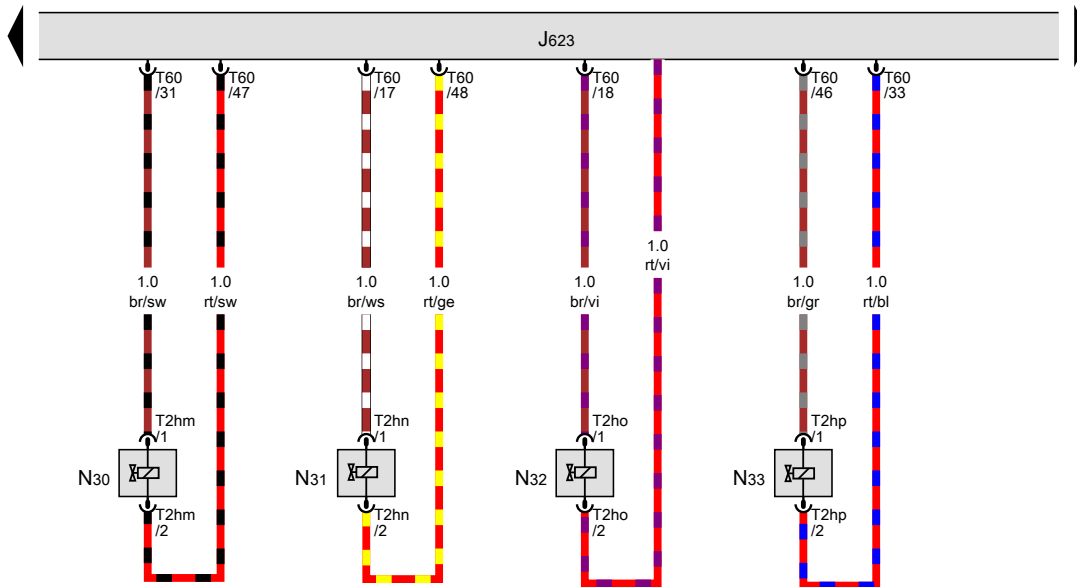
- * Wiring colour depends on equipment
- *2 Only models with manual gearbox
- *3 Gradually discontinued
- *4 gradual introduction

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

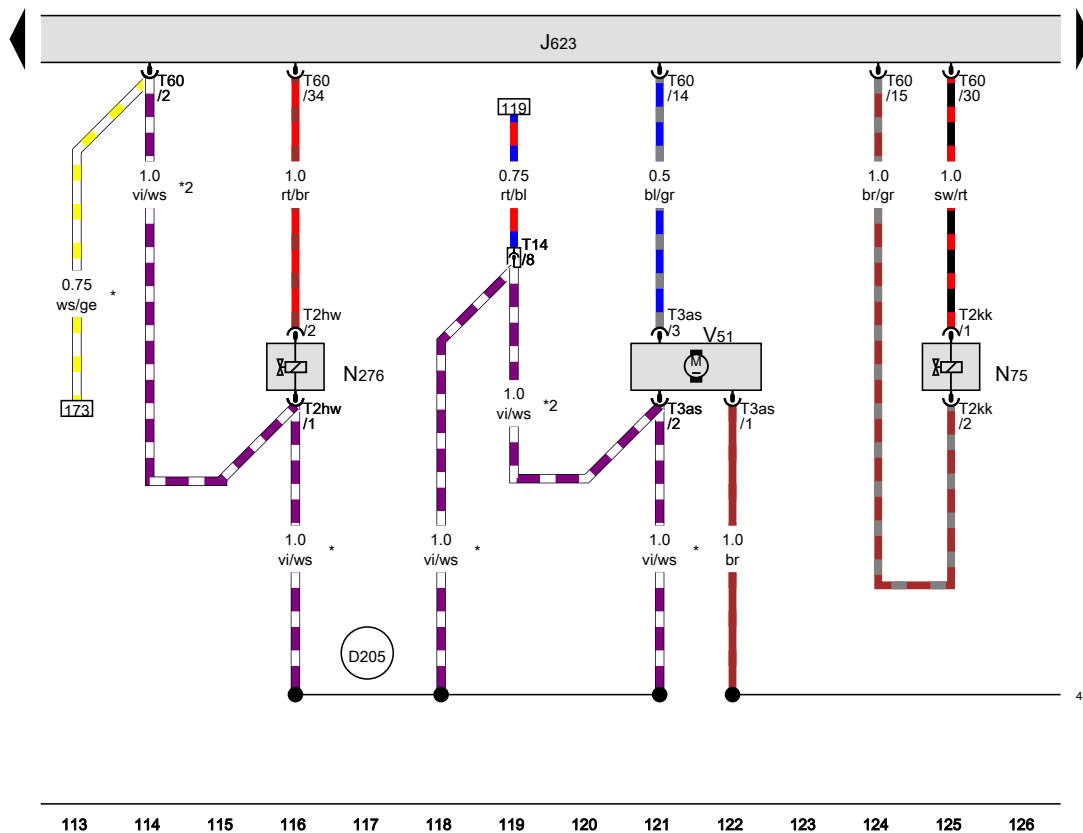
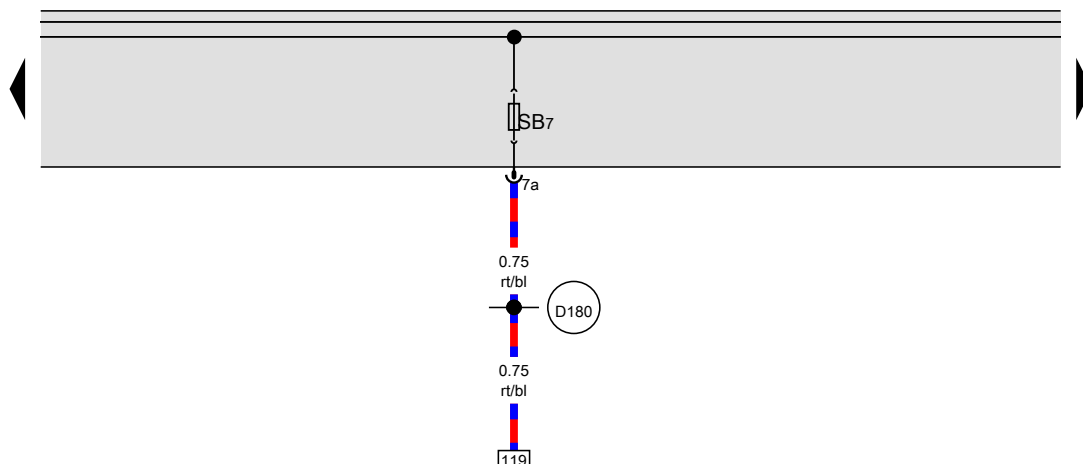
[85A-0940R0417]

Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

- J623 Engine control unit
- N30 Injector, cylinder 1
- N31 Injector, cylinder 2
- N32 Injector, cylinder 3
- N33 Injector, cylinder 4
- T2hm 2-pin connector, black
- T2hn 2-pin connector, black
- T2ho 2-pin connector, black
- T2hp 2-pin connector, black
- T60 60-pin connector



- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

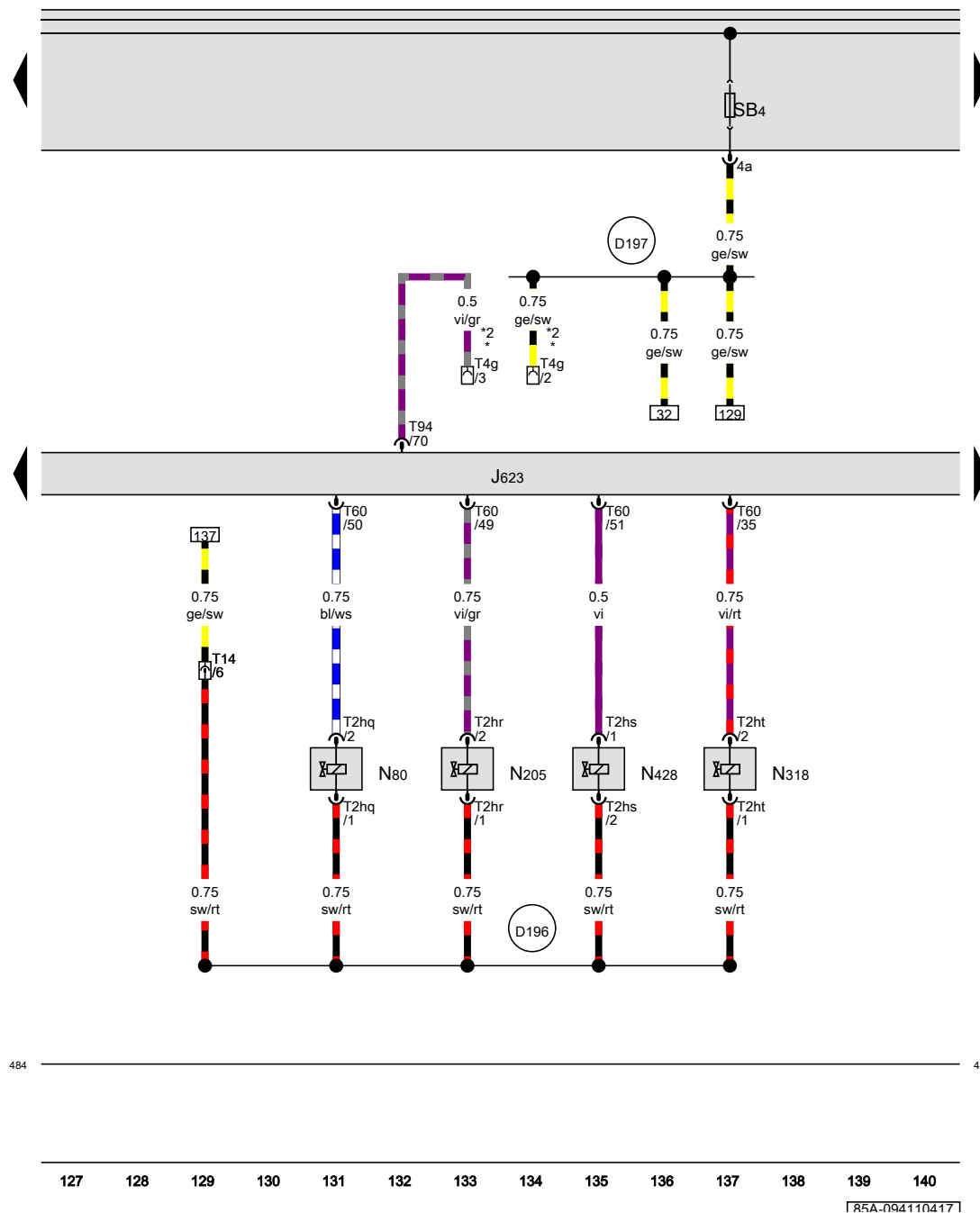


Engine control unit, Charge pressure control solenoid valve, Fuel pressure regulating valve, Continued coolant circulation pump

- J623 Engine control unit
- N75 Charge pressure control solenoid valve
- N276 Fuel pressure regulating valve
- SB7 Fuse 7 on fuse holder B
- T2hw 2-pin connector, black
- T2kk 2-pin connector
- T3as 3-pin connector, black
- T14 14-pin connector, near front left longitudinal member
- T60 60-pin connector
- V51 Continued coolant circulation pump
- 484 Earth connection 2 (ignition coils), in engine prewiring harness
- D180 Connection (87a), in engine compartment wiring harness
- D205 Connection 3 (87a) in engine prewiring harness
- * Gradually discontinued
- *2 gradual introduction

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

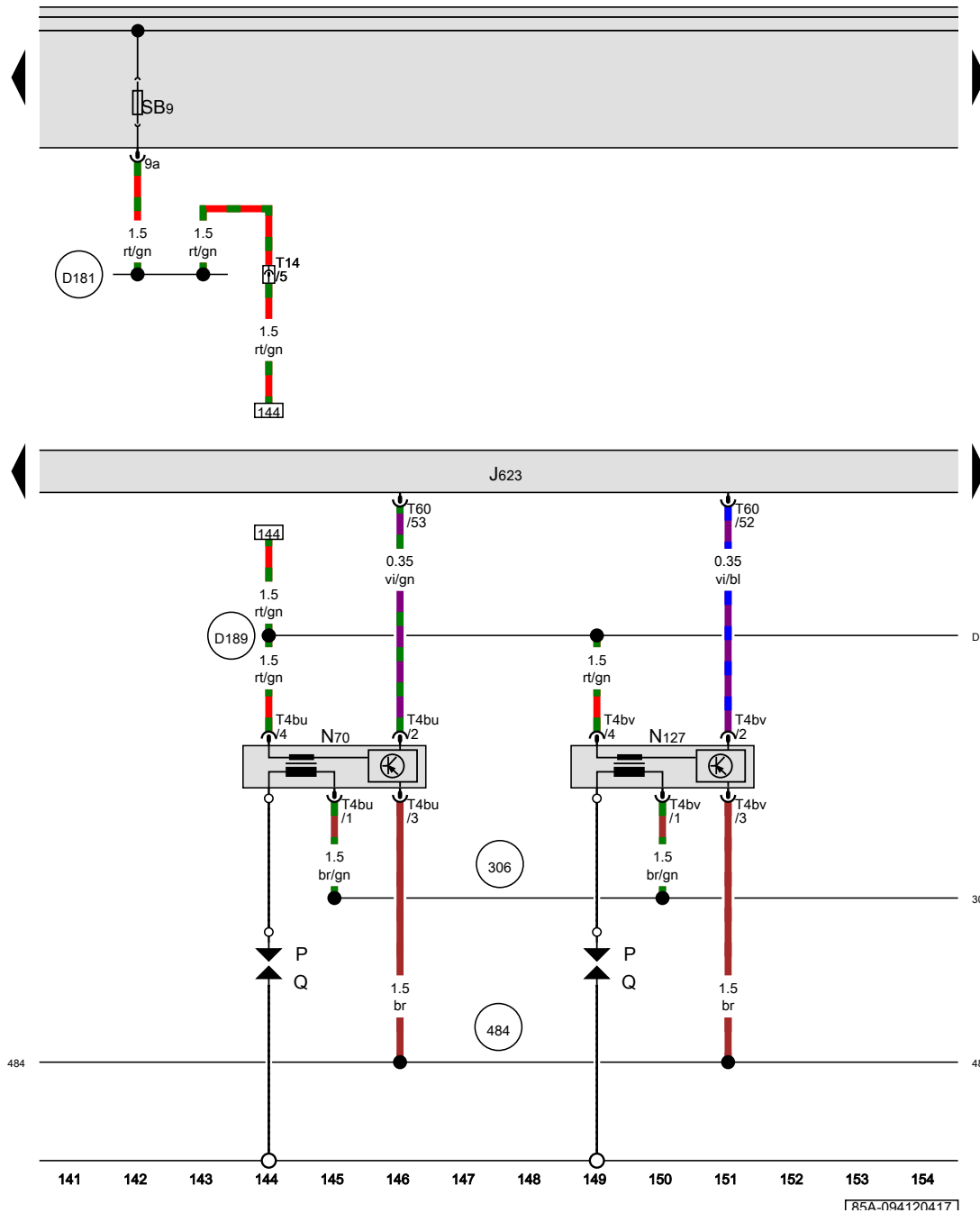
[85A-094100417]



Engine control unit, Activated charcoal filter solenoid valve 1, Camshaft control valve 1, Exhaust camshaft control valve 1, Valve for oil pressure control

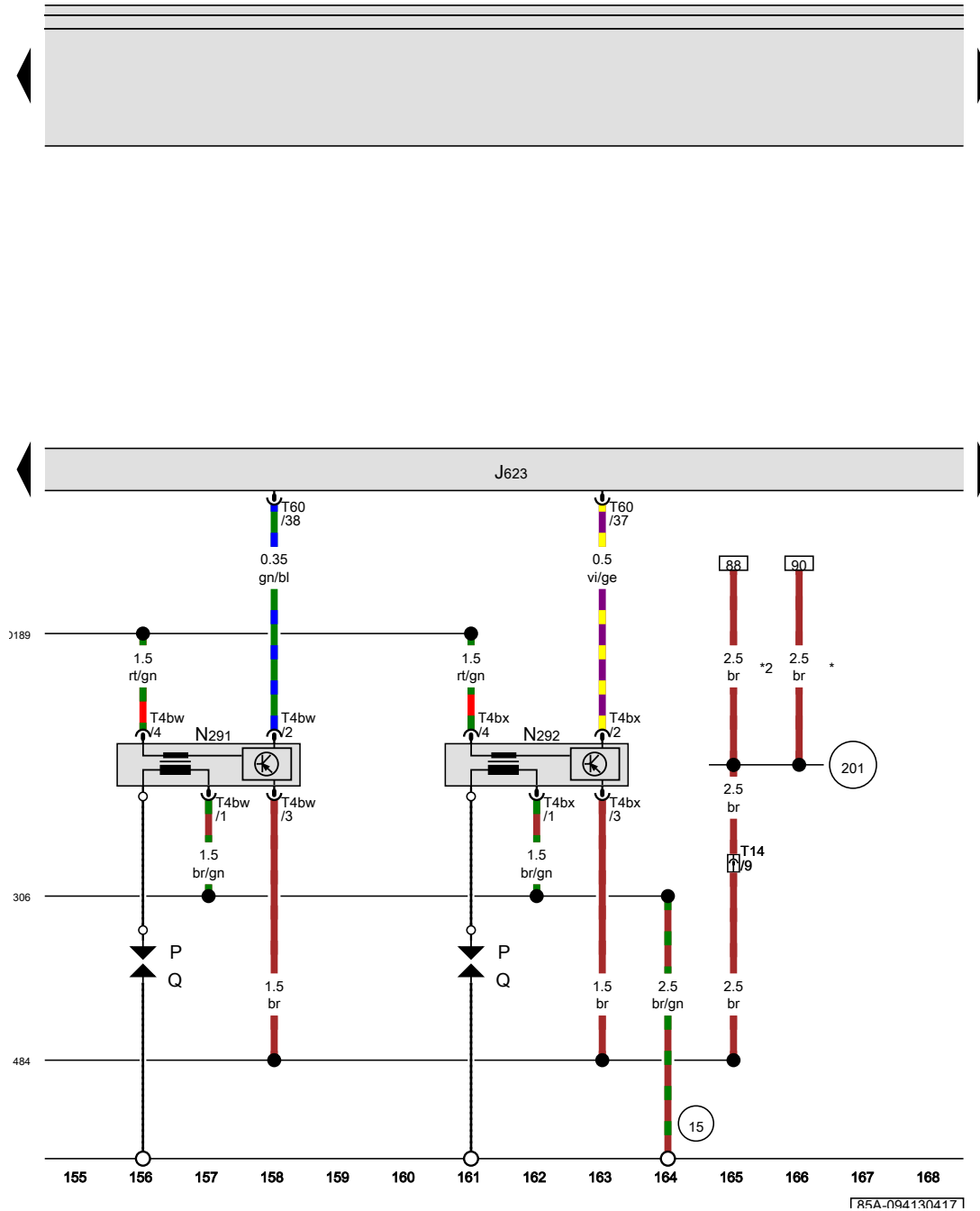
- J623 Engine control unit
- N80 Activated charcoal filter solenoid valve 1
- N205 Camshaft control valve 1
- N318 Exhaust camshaft control valve 1
- N428 Valve for oil pressure control
- SB4 Fuse 4 on fuse holder B
- T2hq 2-pin connector, black
- T2hr 2-pin connector, black
- T2hs 2-pin connector, black
- T2ht 2-pin connector, black
- T4g 4-pin connector
- T14 14-pin connector, near front left longitudinal member
- T60 60-pin connector
- T94 94-pin connector
- 484 Earth connection 2 (ignition coils), in engine prewiring harness
- D196 Connection 2 (87a) in engine prewiring harness
- D197 Connection 5 (87a), in engine compartment wiring harness
- * Radiator fan connection
- *2 see applicable current flow diagram for radiator fan

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



Engine control unit, Ignition coil 1 with output stage, Ignition coil 2 with output stage

- J623 Engine control unit
- N70 Ignition coil 1 with output stage
- N127 Ignition coil 2 with output stage
- P Spark plug connector
- Q Spark plugs
- SB9 Fuse 9 on fuse holder B
- T4bu 4-pin connector, black
- T4bv 4-pin connector, black
- T14 14-pin connector, near front left longitudinal member
- T60 60-pin connector
- 306 Earth connection (ignition coils), in engine prewiring harness
- 484 Earth connection 2 (ignition coils), in engine prewiring harness
- D181 Connection 2 (87a), in engine compartment wiring harness
- D189 Connection (87a) in engine prewiring harness



Engine control unit, Ignition coil 3 with output stage, Ignition coil 4 with output stage

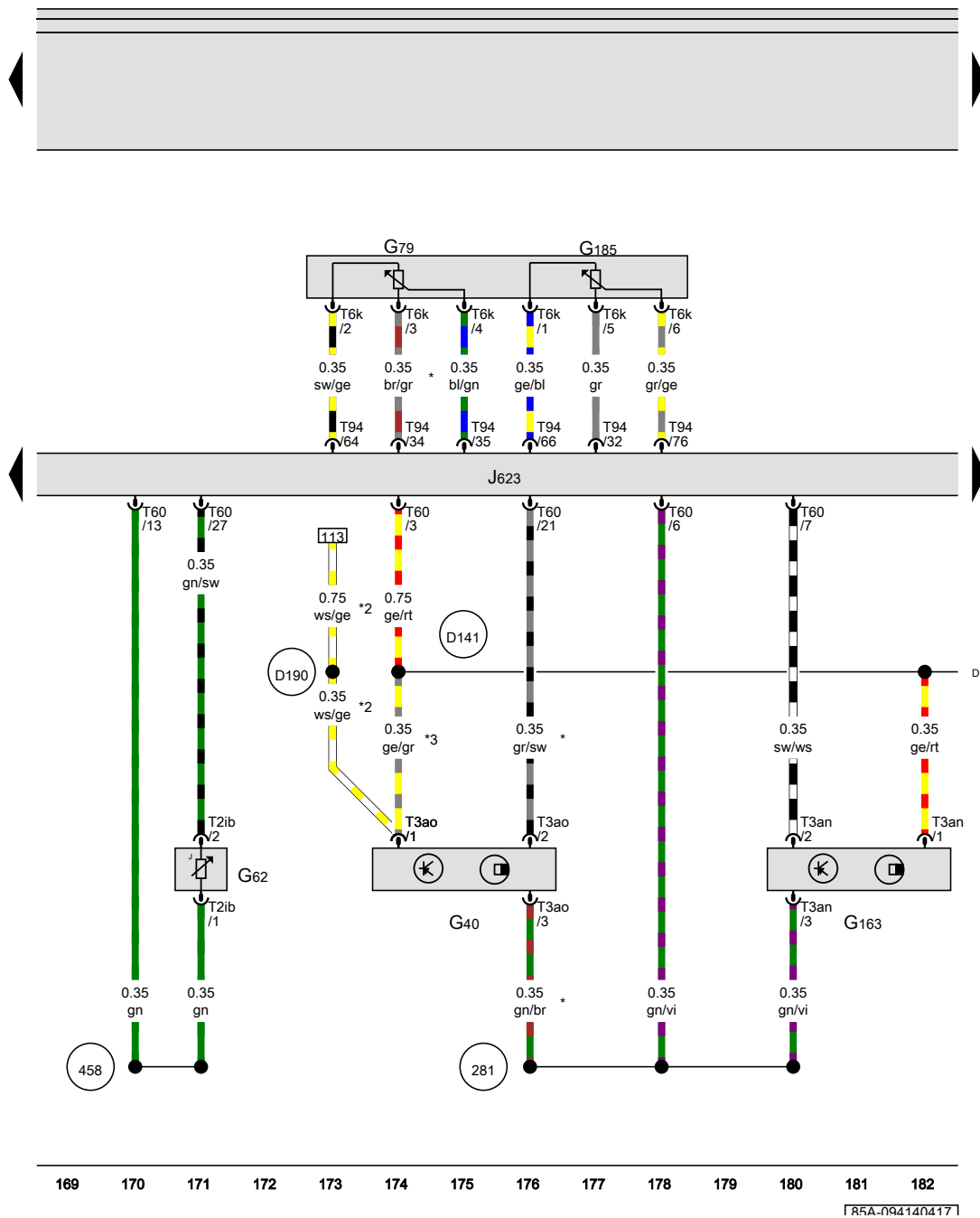
- J623 Engine control unit
- N291 Ignition coil 3 with output stage
- N292 Ignition coil 4 with output stage
- P Spark plug connector
- Q Spark plugs
- T4bw 4-pin connector, black
- T4bx 4-pin connector, black
- T14 14-pin connector, near front left longitudinal member
- T60 60-pin connector

- 15 Earth point, on cylinder head
- 201 Earth connection 5, in engine compartment wiring harness
- 306 Earth connection (ignition coils), in engine prewiring harness
- 484 Earth connection 2 (ignition coils), in engine prewiring harness
- D189 Connection (87a) in engine prewiring harness

- * gradual introduction
- *2 Gradually discontinued

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- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

[85A-094130417]



Hall sender, Coolant temperature sender, Accelerator position sender, Hall sender 2, Accelerator position sender 2, Engine control unit

- G40 Hall sender
- G62 Coolant temperature sender
- G79 Accelerator position sender
- G163 Hall sender 2
- G185 Accelerator position sender 2
- J623 Engine control unit
- T2ib 2-pin connector, black
- T3an 3-pin connector, black
- T3ao 3-pin connector, black
- T6k 6-pin connector
- T60 60-pin connector
- T94 94-pin connector

281 Earth point 1, engine prewiring harness

458 Earth point 3, engine prewiring harness

D141 Connection (5V) in engine prewiring harness

D190 Connection 3 (5V) in engine prewiring harness

* Wiring colour depends on equipment

*2 Gradually discontinued

*3 gradual introduction

ws = white
sw = black
ro = red
rt = red
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gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink



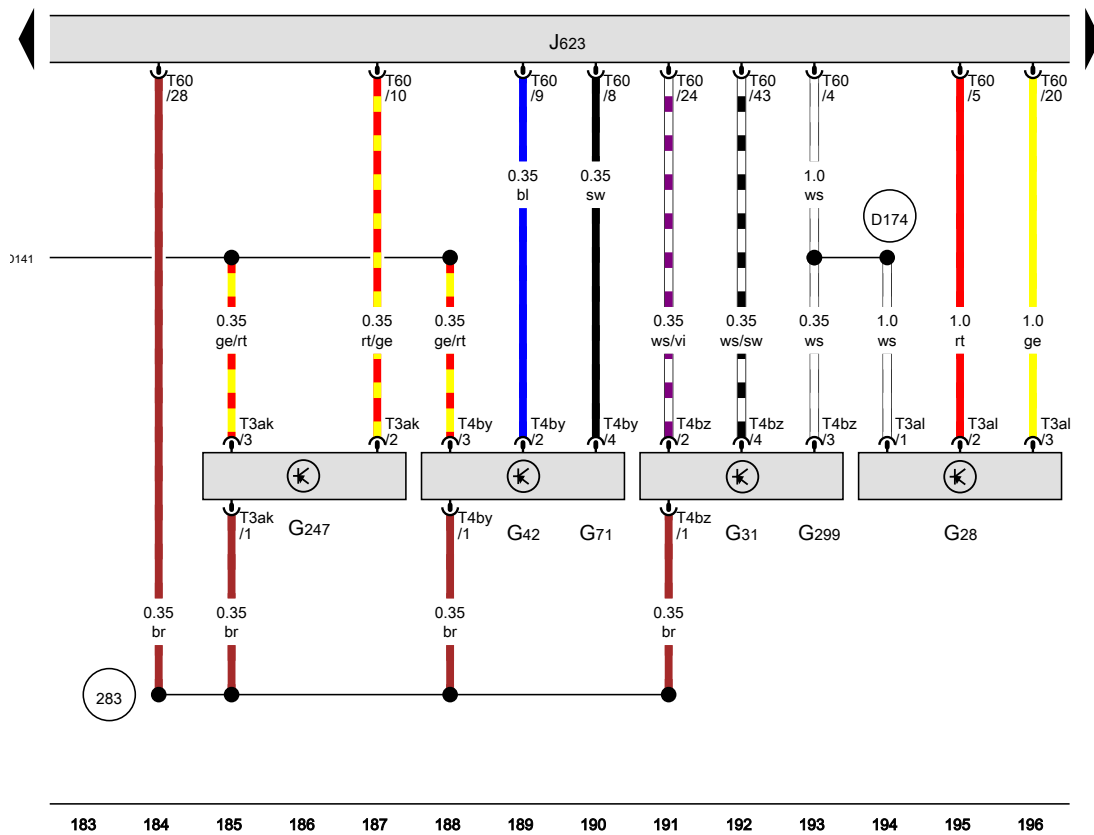
Engine speed sender, Charge pressure sender, Intake air temperature sender, Intake manifold pressure sender, Fuel pressure sender, Intake air temperature sender 2, Engine control unit

- G28 Engine speed sender
- G31 Charge pressure sender
- G42 Intake air temperature sender
- G71 Intake manifold pressure sender
- G247 Fuel pressure sender
- G299 Intake air temperature sender 2
- J623 Engine control unit
- T3ak 3-pin connector, black
- T3al 3-pin connector, black
- T4by 4-pin connector, black
- T4bz 4-pin connector, black
- T60 60-pin connector

283 Earth point 2, engine prewiring harness

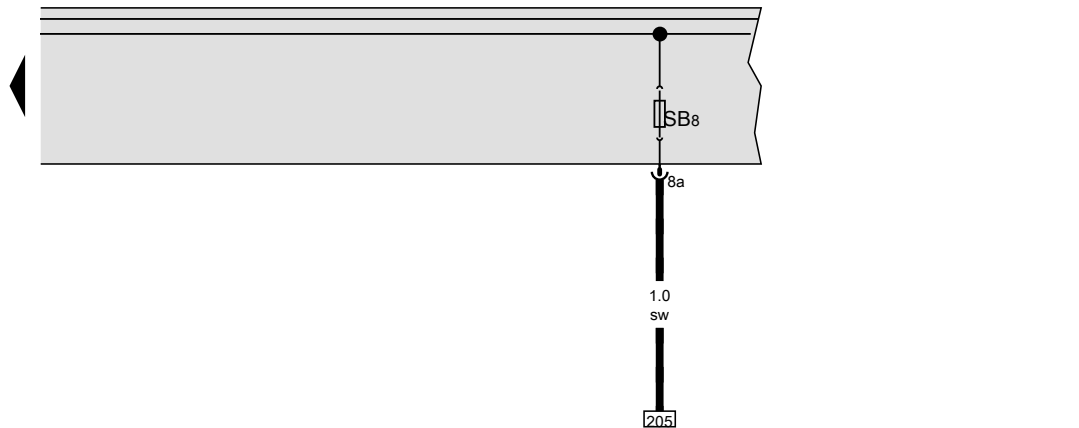
D141 Connection (5V) in engine prewiring harness

D174 Connection 2 (5V) in engine prewiring harness



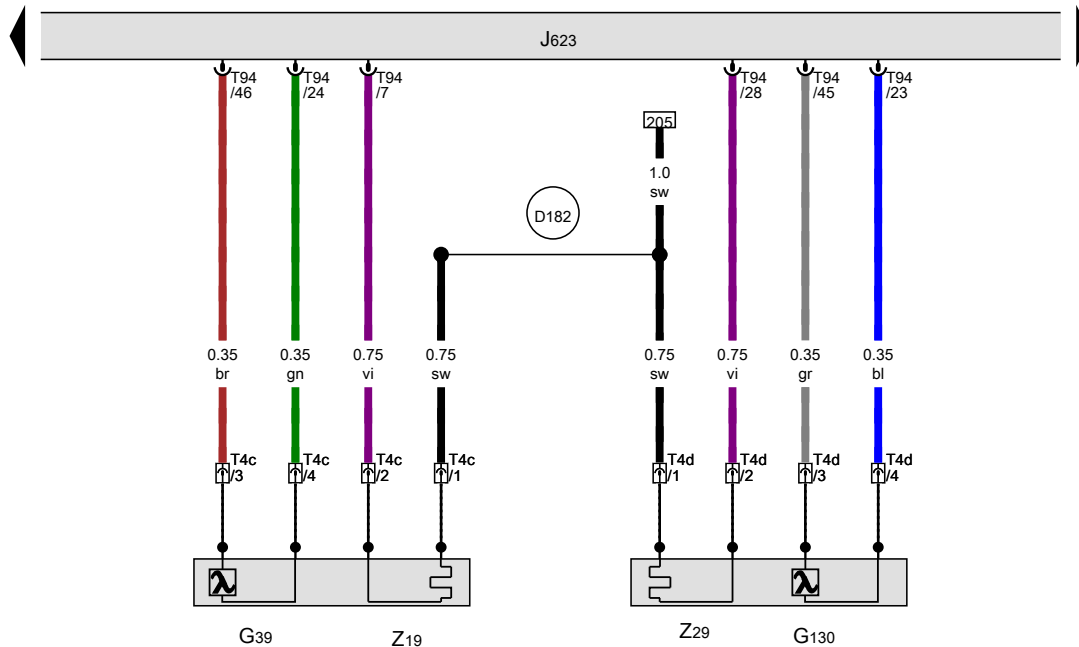
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- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

[85A-094150417]

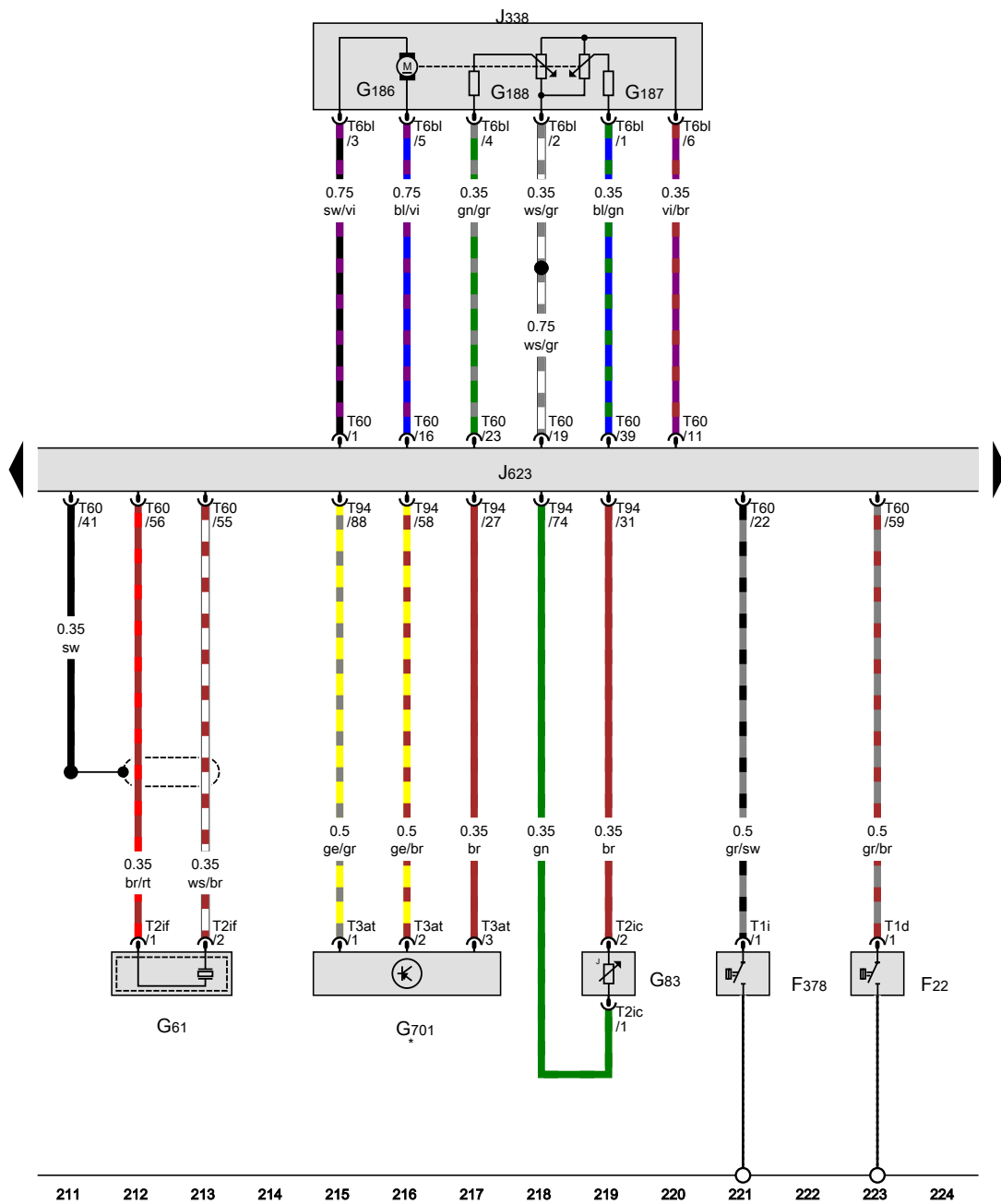


Lambda probe, Lambda probe after catalytic converter, Engine control unit, Lambda probe heater, Lambda probe 1 heater after catalytic converter

- G39 Lambda probe
- G130 Lambda probe after catalytic converter
- J623 Engine control unit
- SB8 Fuse 8 on fuse holder B
- T4c 4-pin connector
- T4d 4-pin connector
- T94 94-pin connector
- Z19 Lambda probe heater
- Z29 Lambda probe 1 heater after catalytic converter
- D182 Connection 3 (87a), in engine compartment wiring harness



- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



Oil pressure switch, Oil pressure switch for reduced oil pressure, Knock sensor 1, Radiator outlet coolant temperature sender, Gearbox neutral position sender, Throttle valve module, Engine control unit

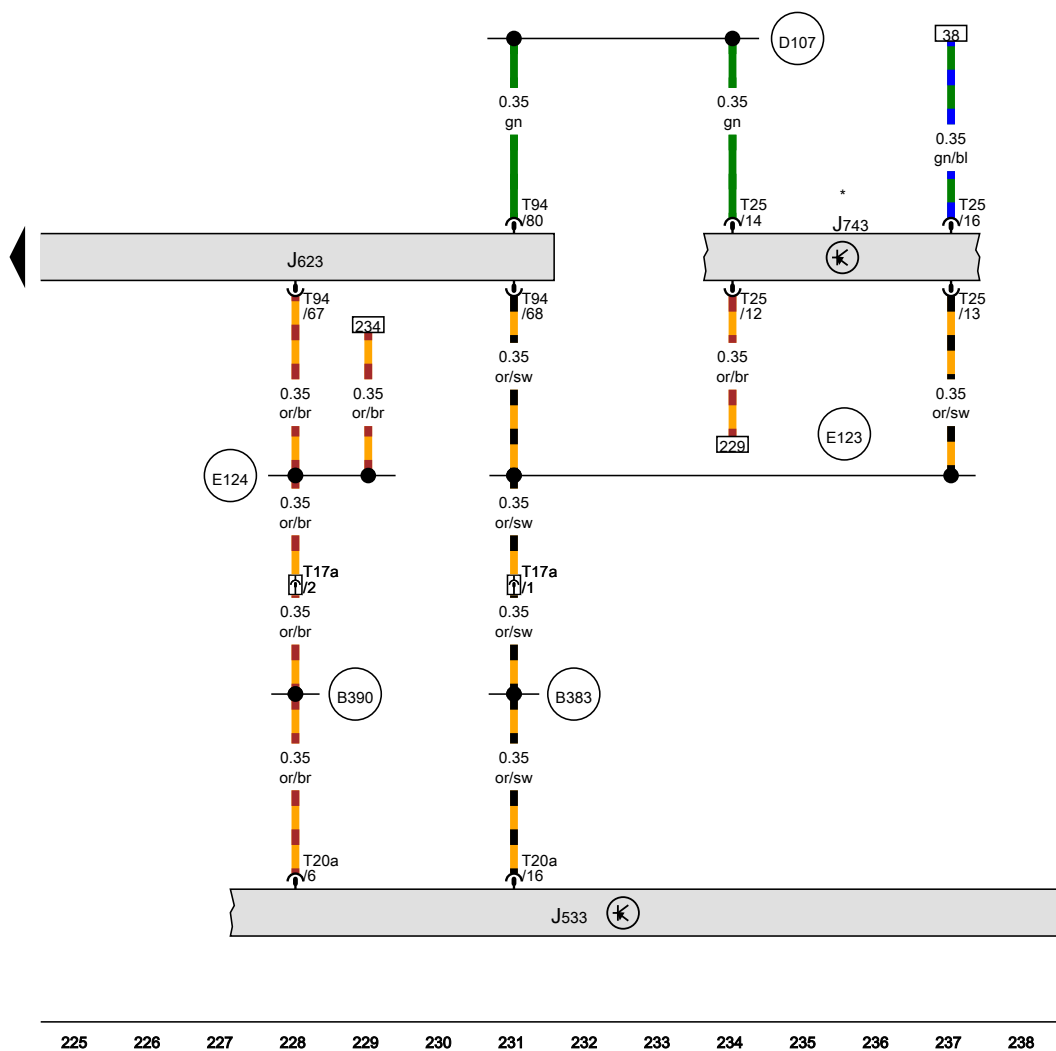
- F22 Oil pressure switch
- F378 Oil pressure switch for reduced oil pressure
- G61 Knock sensor 1
- G83 Radiator outlet coolant temperature sender
- G186 Throttle valve drive for electric throttle
- G187 Throttle valve drive angle sender 1 for electric throttle
- G188 Throttle valve drive angle sender 2 for electric throttle
- G701 Gearbox neutral position sender
- J338 Throttle valve module
- J623 Engine control unit
- T1d 1-pin connector, black
- T1i 1-pin connector, black
- T2ic 2-pin connector, black
- T2if 2-pin connector, black
- T3at 3-pin connector, black
- T6bl 6-pin connector, black
- T60 60-pin connector
- T94 94-pin connector
- * If fitted

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
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Data bus diagnostic interface, Engine control unit, Mechatronic unit for dual clutch gearbox

- J533 Data bus diagnostic interface
- J623 Engine control unit
- J743 Mechatronic unit for dual clutch gearbox
- T17a 17-pin connector
- T20a 20-pin connector
- T25 25-pin connector
- T94 94-pin connector

- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- D107 Connection 5 in engine compartment wiring harness
- E123 Connection 1 (powertrain CAN bus, high), in engine wiring harness
- E124 Connection 1 (powertrain CAN bus, low), in engine wiring harness
- * see applicable current flow diagram for dual clutch gearbox



[85A-094180417]

Control unit in dash panel insert, Data bus diagnostic interface

J285 Control unit in dash panel insert
J533 Data bus diagnostic interface
T18 18-pin connector
T20a 20-pin connector

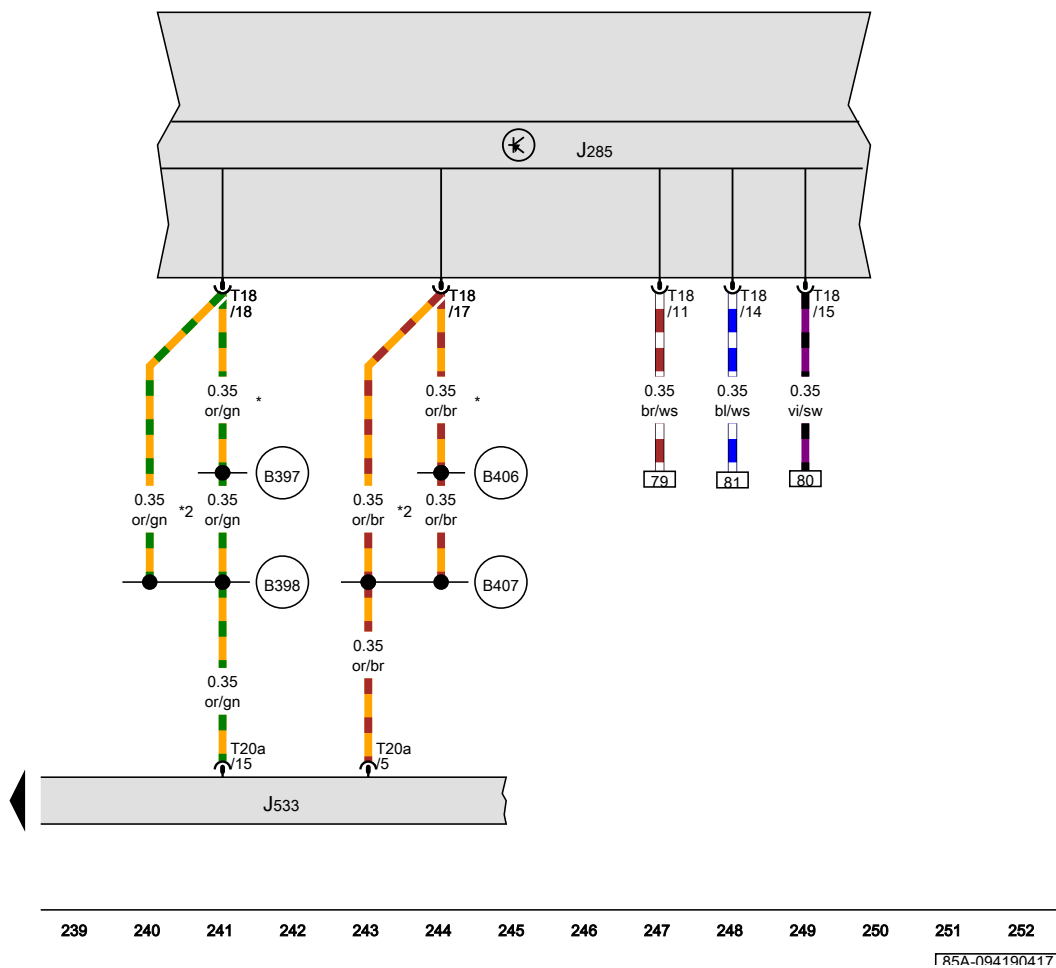
B397 Connection 1 (convenience CAN bus, high), in main wiring harness

B398 Connection 2 (convenience CAN bus, high), in main wiring harness

B406 Connection 1 (convenience CAN bus, low), in main wiring harness

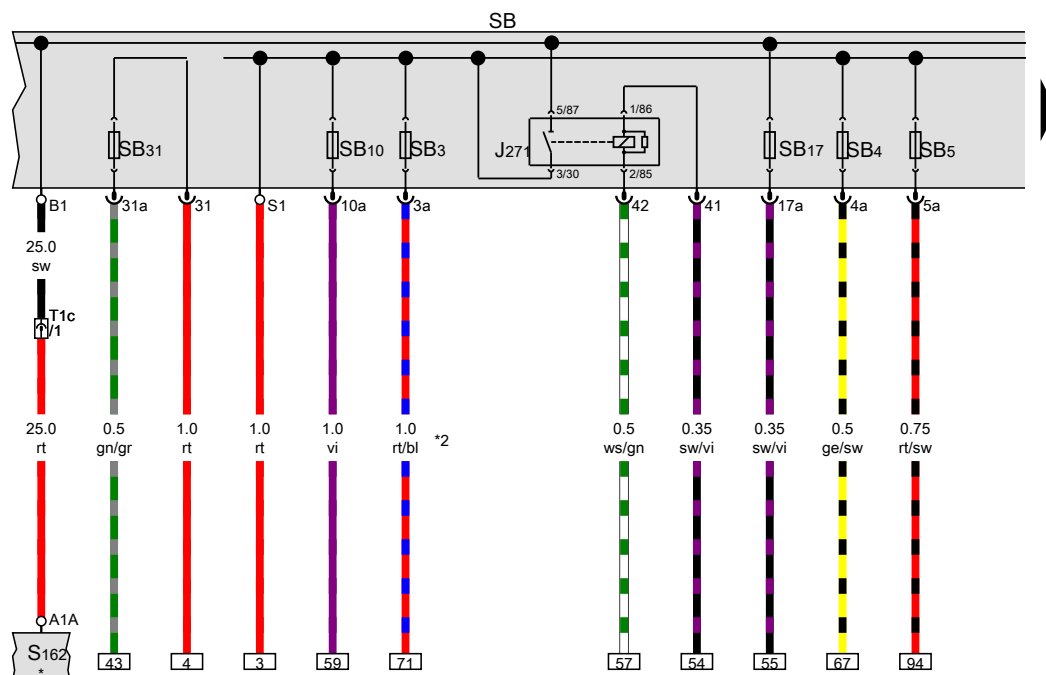
B407 Connection 2 (convenience CAN bus, low), in main wiring harness

* Only left-hand drive models
*2 Only right-hand drive models



1.4l petrol engine , CUKB,CXUA

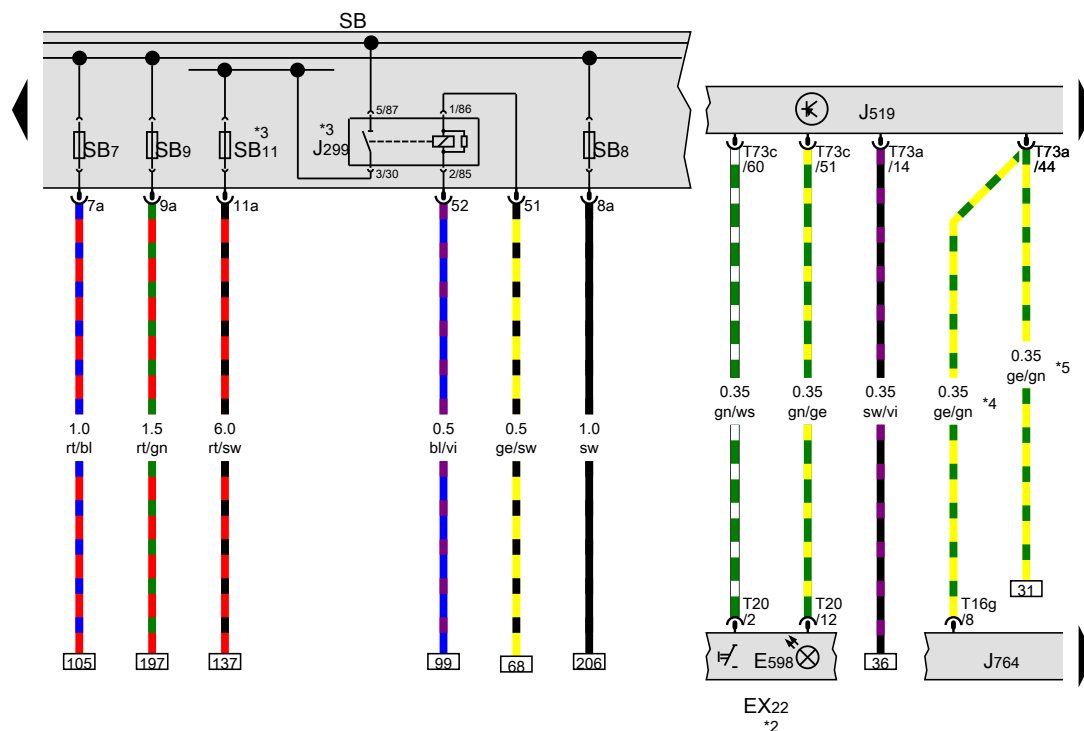
From May 2014



Main relay

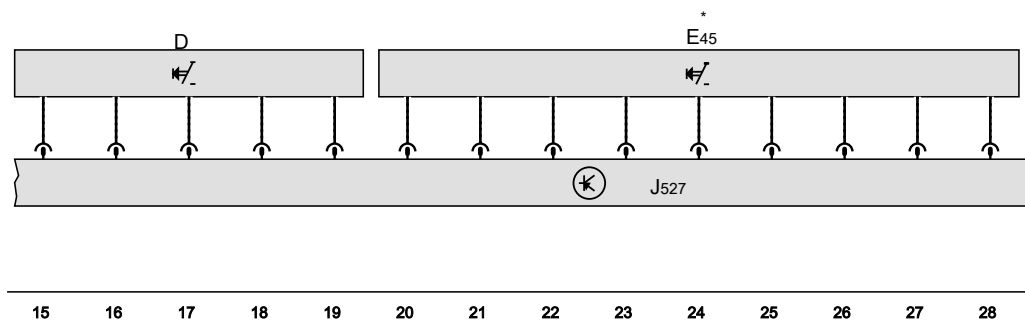
- J271 Main relay
- SB Fuse holder B
- SB3 Fuse 3 on fuse holder B
- SB4 Fuse 4 on fuse holder B
- SB5 Fuse 5 on fuse holder B
- SB10 Fuse 10 on fuse holder B
- SB17 Fuse 17 on fuse holder B
- SB31 Fuse 31 on fuse holder B
- S162 Fuse 1 (30), in battery fuse holder
- T1c 1-pin connector
- * see applicable current flow diagram for high-voltage system
- *2 Wiring colour depends on equipment

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



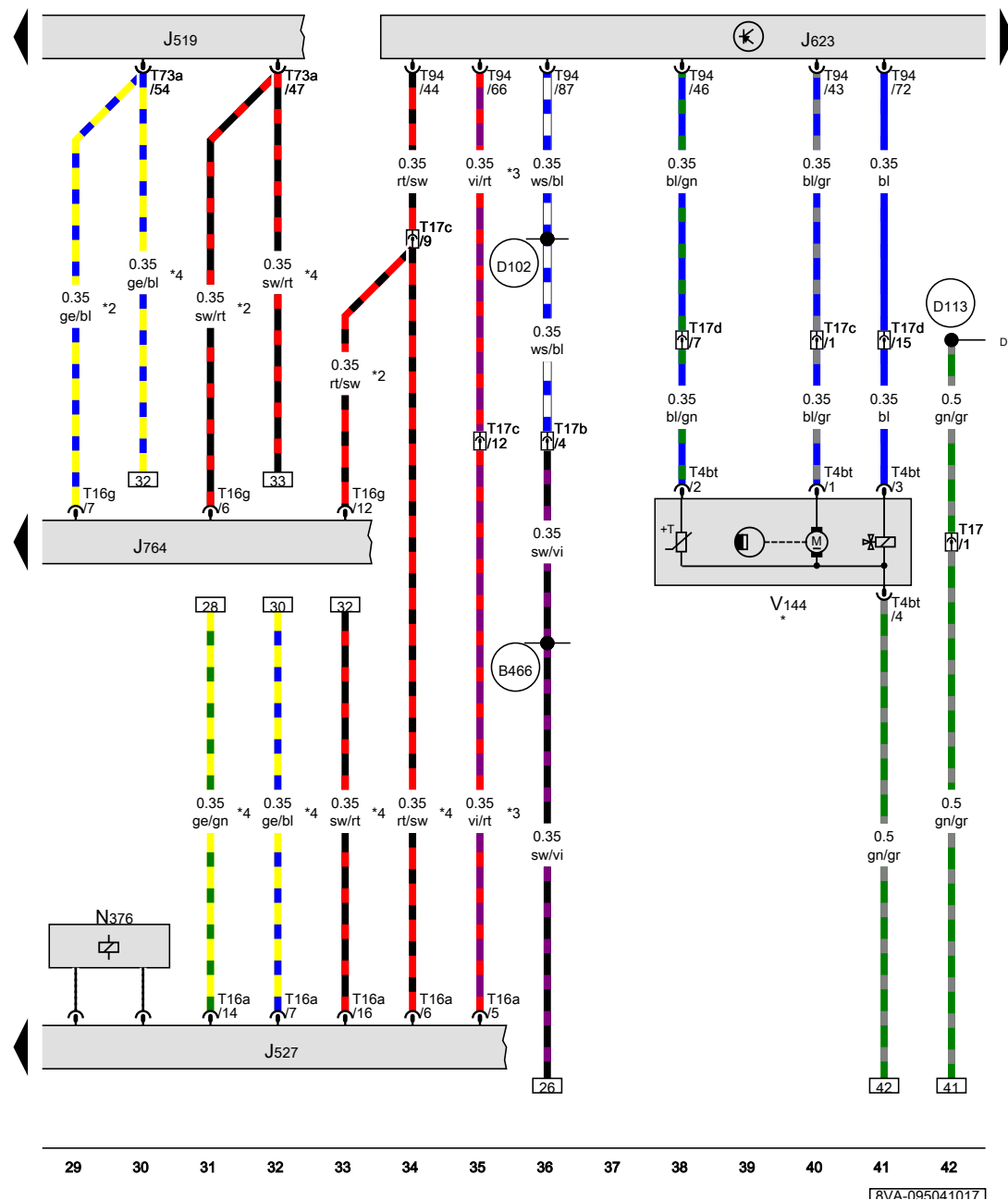
Ignition/starter switch, Centre switch module in dash panel, Cruise control system switch, Driving program button, Onboard supply control unit, Steering column electronics control unit

- D Ignition/starter switch
- EX22 Centre switch module in dash panel
- E45 Cruise control system switch
- E598 Driving program button
- J299 Secondary air pump relay
- J519 Onboard supply control unit
- J527 Steering column electronics control unit
- J764 Control unit for electronic steering column lock
- SB Fuse holder B
- SB7 Fuse 7 on fuse holder B
- SB8 Fuse 8 on fuse holder B
- SB9 Fuse 9 on fuse holder B
- SB11 Fuse 11 on fuse holder B
- T16g 16-pin connector
- T20 20-pin connector
- T73a 73-pin connector
- T73c 73-pin connector
- * For models with cruise control system (CCS)
- *2 If fitted
- *3 For models with US equipment
- *4 For models with entry and start authorisation
- *5 For models with no entry and start authorisation



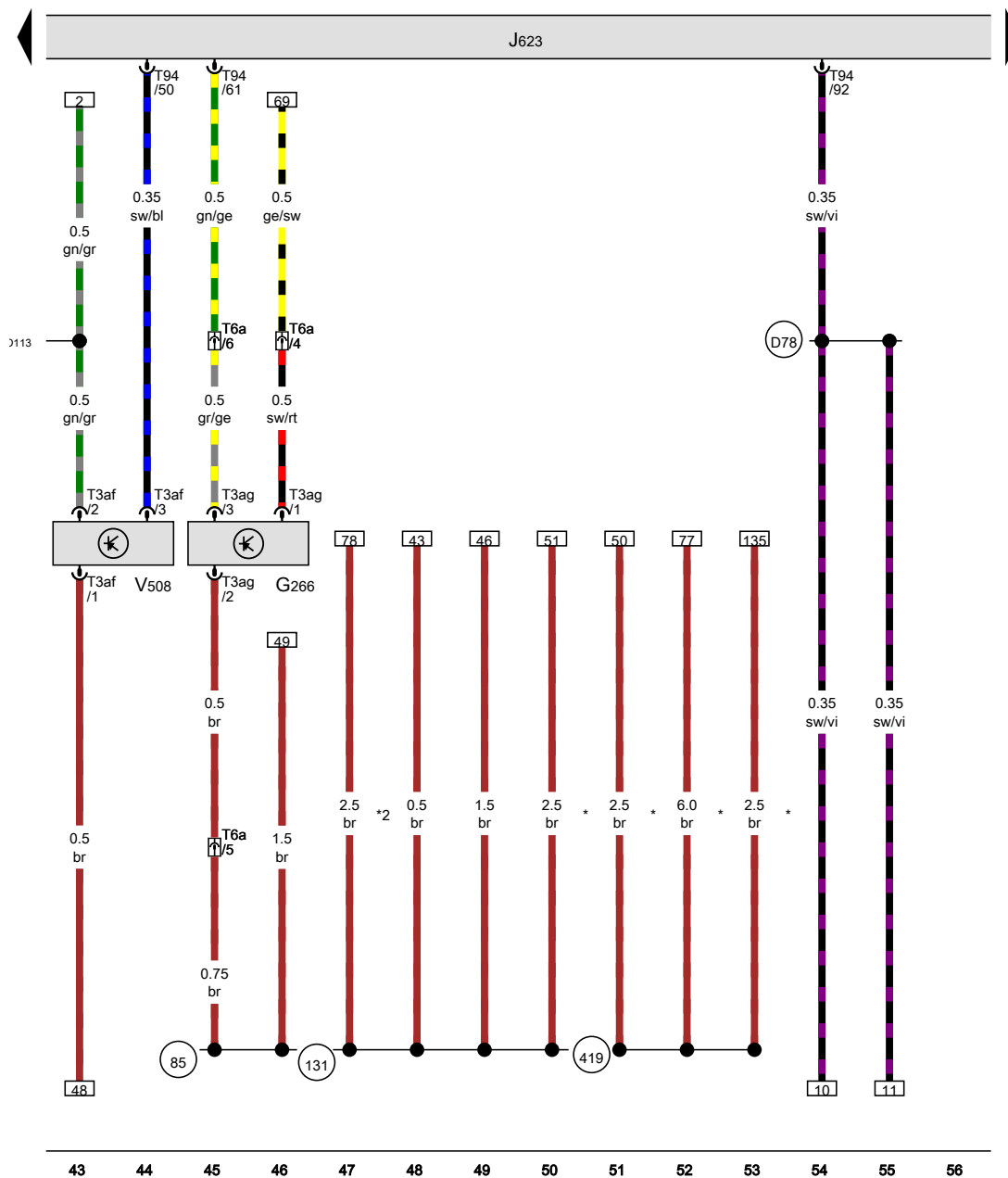
- ws = white
- sw = black
- ro = red
- rt = red
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- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
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- rs = pink

18V A-0950310171



Onboard supply control unit, Steering column electronics control unit, Engine/motor control unit, Fuel system diagnostic pump

- J519 Onboard supply control unit
- J527 Steering column electronics control unit
- J623 Engine/motor control unit
- J764 Control unit for electronic steering column lock
- N376 Ignition key withdrawal lock solenoid
- T4bt 4-pin connector
- T16a 16-pin connector
- T16g 16-pin connector
- T17 17-pin connector
- T17b 17-pin connector
- T17c 17-pin connector
- T17d 17-pin connector
- T73a 73-pin connector
- T94 94-pin connector
- V144 Fuel system diagnostic pump
- B466 Connection 2, in main wiring harness
- D102 Connection 2 in engine compartment wiring harness
- D113 Connection 11 in engine compartment wiring harness
- * For models with US equipment
- *2 For models with entry and start authorisation
- *3 For models with cruise control system (CCS)
- *4 For models with no entry and start authorisation



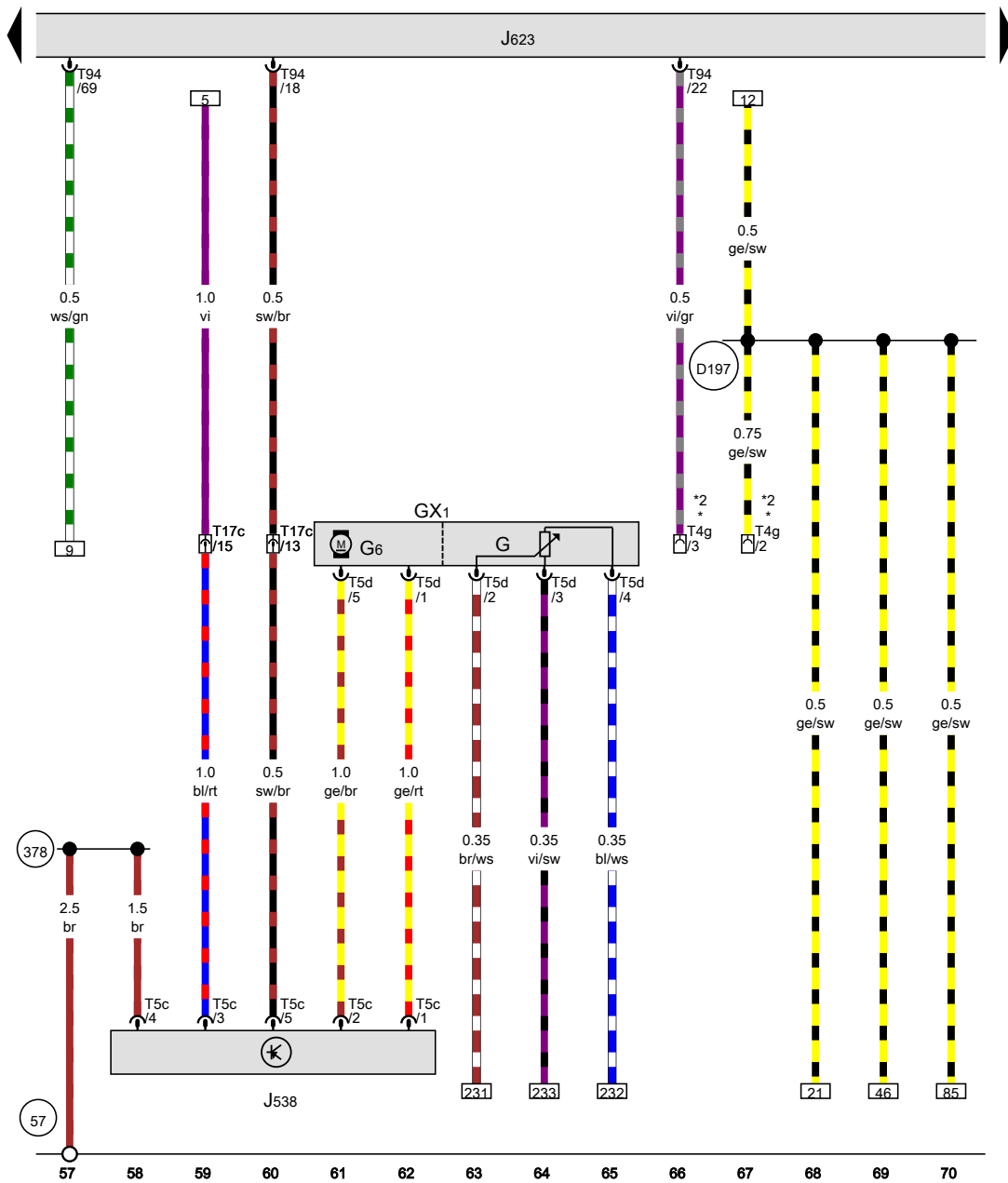
Oil level and oil temperature sender, Engine/motor control unit

- G266 Oil level and oil temperature sender
- J623 Engine/motor control unit
- T3af 3-pin connector
- T3ag 3-pin connector
- T6a 6-pin connector
- T94 94-pin connector
- V508 Coolant circulation pump before power and control electronics for electric drive

- 85 Earth connection 1, in engine compartment wiring harness
- 131 Earth connection 2, in engine compartment wiring harness
- 419 Earth connection 11, in engine compartment wiring harness
- D78 Positive connection 1 (30a), in engine compartment wiring harness
- D113 Connection 11 in engine compartment wiring harness

- * gradual introduction
- *2 Gradually discontinued

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

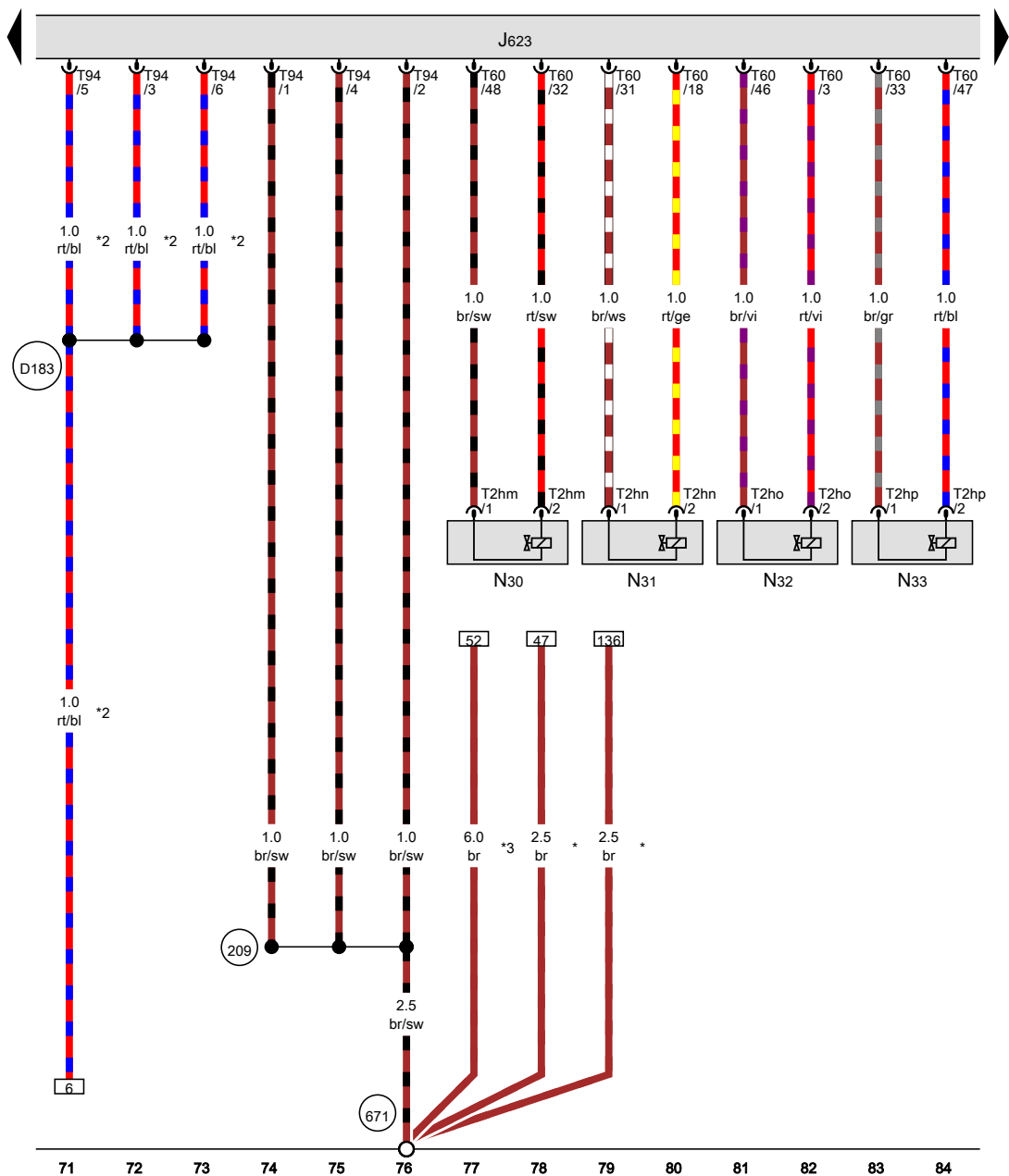


Fuel gauge sender, Fuel delivery unit, Fuel system pressurisation pump, Engine/motor control unit

- G Fuel gauge sender
- GX1 Fuel delivery unit
- G6 Fuel system pressurisation pump
- J538 Fuel pump control unit
- J623 Engine/motor control unit
- T4g 4-pin connector
- T5c 5-pin connector
- T5d 5-pin connector
- T17c 17-pin connector
- T94 94-pin connector

- 57 Earth point, rear left pillar
- 378 Earth connection 13, in main wiring harness
- D197 Connection 5 (87a), in engine compartment wiring harness
- * Radiator fan connection
- *2 see applicable current flow diagram for radiator fan

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



Engine/motor control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

- J623 Engine/motor control unit
- N30 Injector, cylinder 1
- N31 Injector, cylinder 2
- N32 Injector, cylinder 3
- N33 Injector, cylinder 4
- T2hm 2-pin connector
- T2hn 2-pin connector
- T2ho 2-pin connector
- T2hp 2-pin connector
- T60 60-pin connector
- T94 94-pin connector

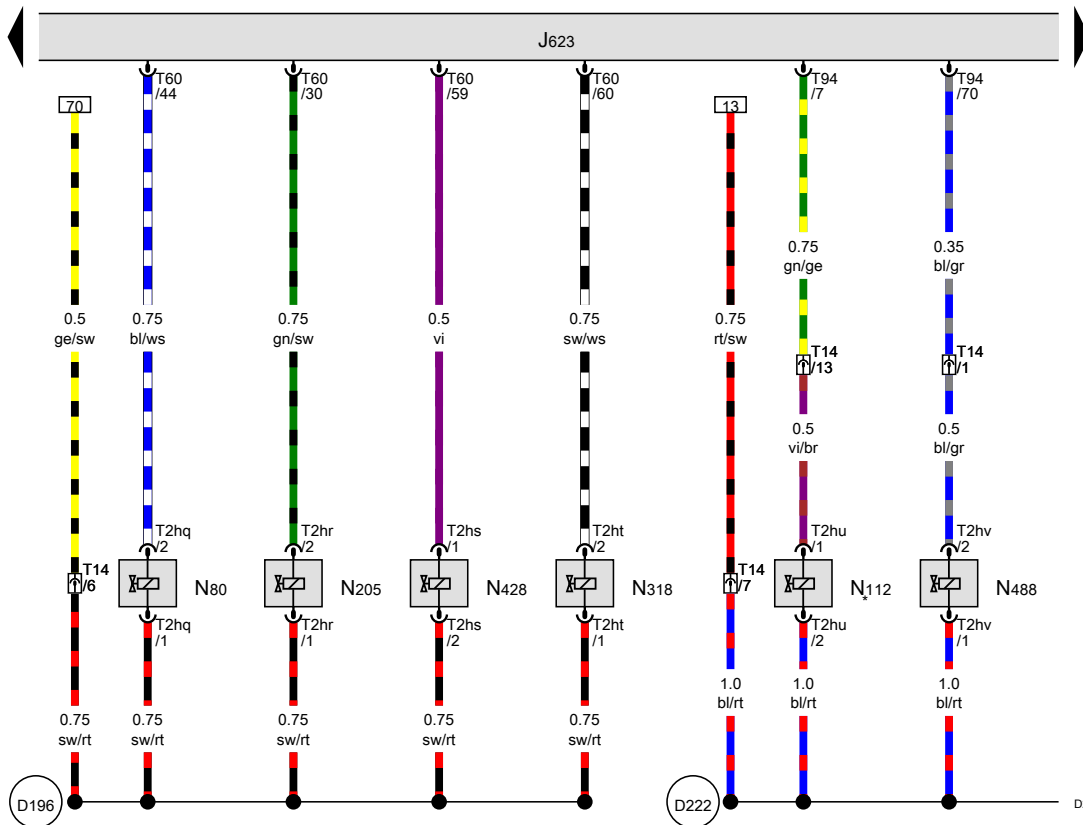
209 Earth connection 6, in engine compartment wiring harness

671 Earth point 1, on front of left longitudinal member

D183 Connection 4 (87a), in engine compartment wiring harness

- * Gradually discontinued
- *2 Wiring colour depends on equipment
- *3 gradual introduction

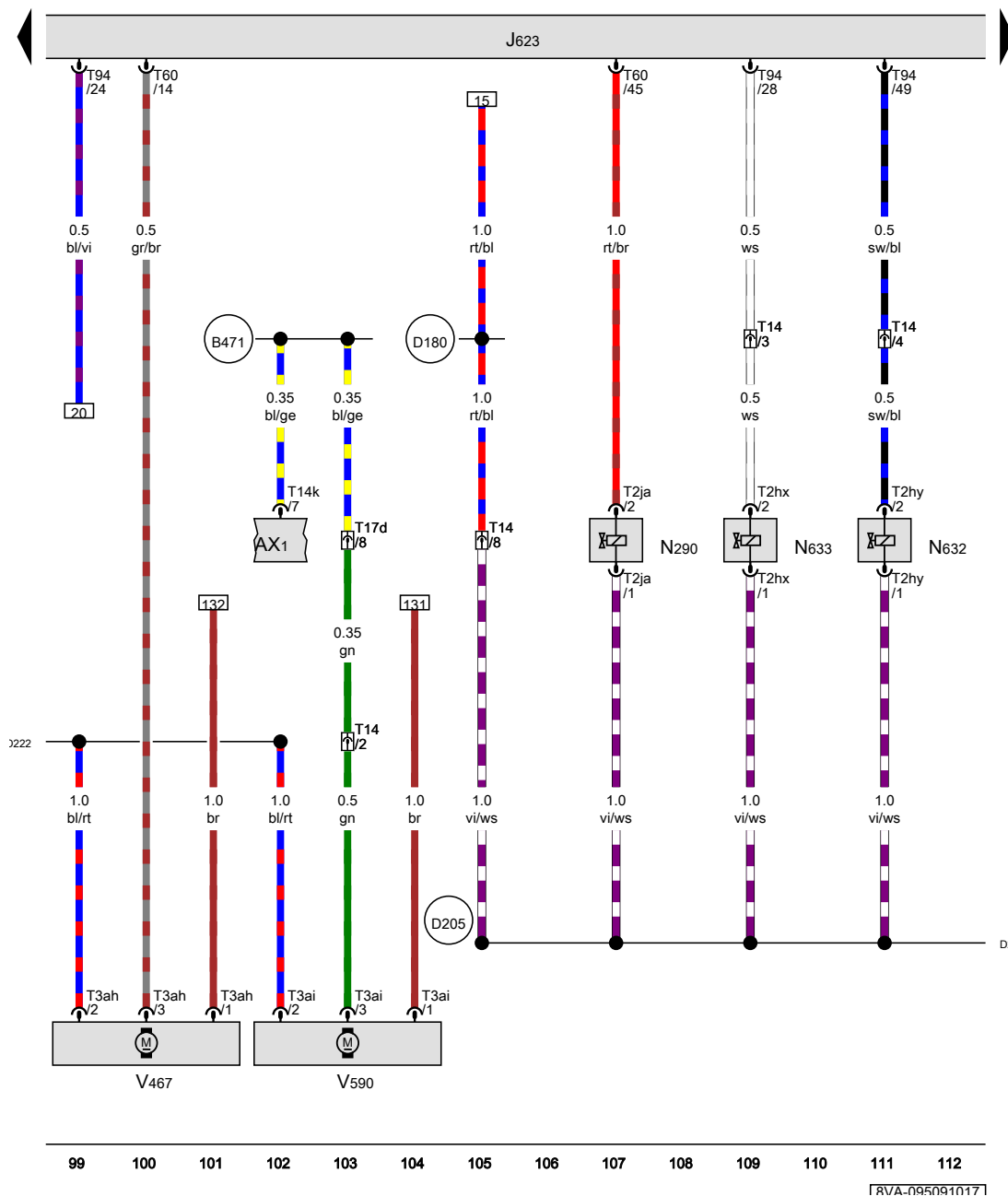
ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



Engine/motor control unit, Activated charcoal filter solenoid valve 1, Secondary air inlet valve, Camshaft control valve 1, Exhaust camshaft control valve 1, Valve for oil pressure control, Coolant valve for gearbox

- J623 Engine/motor control unit
- N80 Activated charcoal filter solenoid valve 1
- N112 Secondary air inlet valve
- N205 Camshaft control valve 1
- N318 Exhaust camshaft control valve 1
- N428 Valve for oil pressure control
- N488 Coolant valve for gearbox
- T2hq 2-pin connector
- T2hr 2-pin connector
- T2hs 2-pin connector
- T2ht 2-pin connector
- T2hu 2-pin connector
- T2hv 2-pin connector
- T14 14-pin connector, near front left longitudinal member
- T60 60-pin connector
- T94 94-pin connector
- D196 Connection 2 (87a) in engine prewiring harness
- D222 Connection 10 (87a), in engine compartment wiring harness
- * For models with US equipment

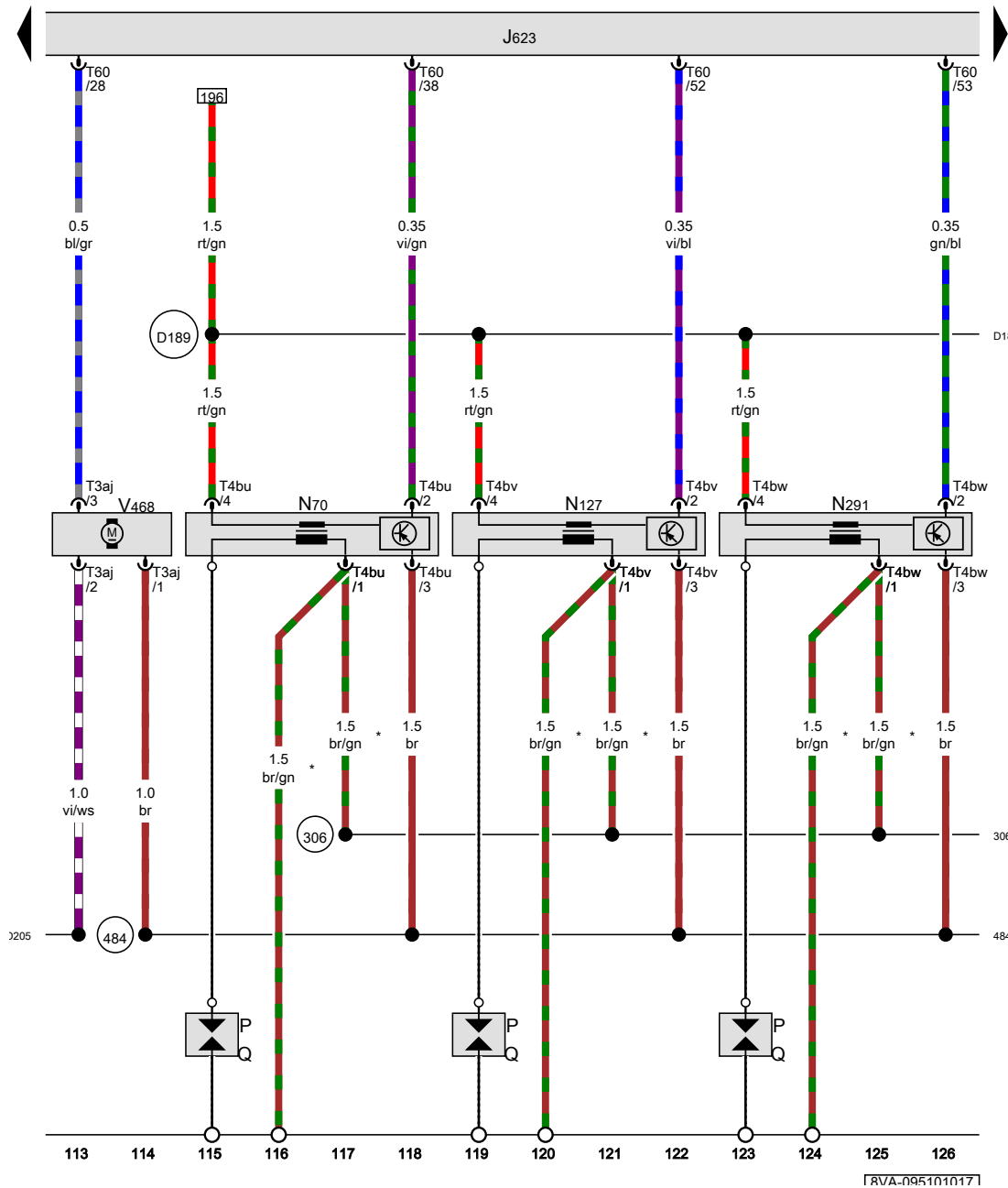
ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



Engine/motor control unit, Fuel metering valve, Coolant changeover valve 1, Coolant changeover valve 2, Coolant pump for high-temperature circuit, Coolant pump for high-voltage battery

- AX1 Hybrid battery unit
- J623 Engine/motor control unit
- N290 Fuel metering valve
- N632 Coolant changeover valve 1
- N633 Coolant changeover valve 2
- T2hx 2-pin connector
- T2hy 2-pin connector
- T2ja 2-pin connector, black
- T3ah 3-pin connector
- T3ai 3-pin connector
- T14 14-pin connector, near front left longitudinal member
- T14k 14-pin connector
- T17d 17-pin connector
- T60 60-pin connector
- T94 94-pin connector
- V467 Coolant pump for high-temperature circuit
- V590 Coolant pump for high-voltage battery
- B471 Connection 7, in main wiring harness
- D180 Connection (87a), in engine compartment wiring harness
- D205 Connection 3 (87a) in engine prewiring harness
- D222 Connection 10 (87a), in engine compartment wiring harness

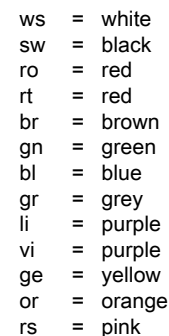
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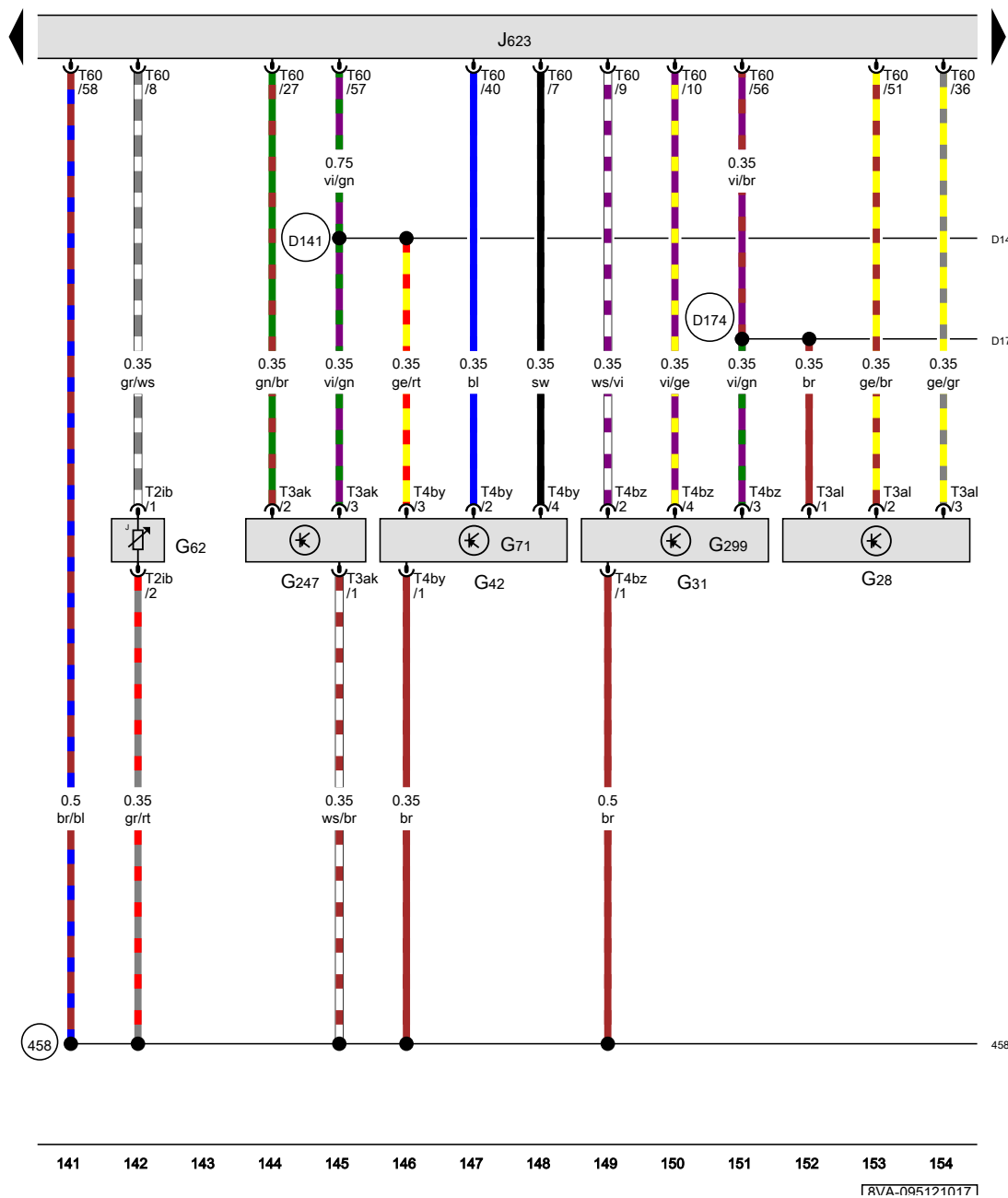
Engine/motor control unit, Ignition coil 1 with output stage, Ignition coil 2 with output stage, Ignition coil 3 with output stage, Coolant pump for low-temperature circuit

- J623 Engine/motor control unit
- N70 Ignition coil 1 with output stage
- N127 Ignition coil 2 with output stage
- N291 Ignition coil 3 with output stage
- P Spark plug connector
- Q Spark plugs
- T3aj 3-pin connector
- T4bu 4-pin connector
- T4bv 4-pin connector
- T4bw 4-pin connector
- T60 60-pin connector
- V468 Coolant pump for low-temperature circuit

- 306 Earth connection (ignition coils), in engine prewiring harness
- 484 Earth connection 2 (ignition coils), in engine prewiring harness
- D189 Connection (87a) in engine prewiring harness
- D205 Connection 3 (87a) in engine prewiring harness
- * According to equipment



J623	Engine/motor control unit
N79	Heater element for crankcase breather
N292	Ignition coil 4 with output stage
P	Spark plug connector
Q	Spark plugs
T2gb	2-pin connector
T2hz	2-pin connector
T2ia	2-pin connector
T4bx	4-pin connector
T14	14-pin connector, near front left longitudinal member
T60	60-pin connector
V101	Secondary air pump motor
15	Earth point, on cylinder head
201	Earth connection 5, in engine compartment wiring harness
306	Earth connection (ignition coils), in engine prewiring harness
418	Earth connection 10, in engine compartment wiring harness
484	Earth connection 2 (ignition coils), in engine prewiring harness
673	Earth point 3, on front of left longitudinal member
D189	Connection (87a) in engine prewiring harness
*	For models with US equipment
*2	Gradually discontinued
*3	According to equipment
*4	gradual introduction



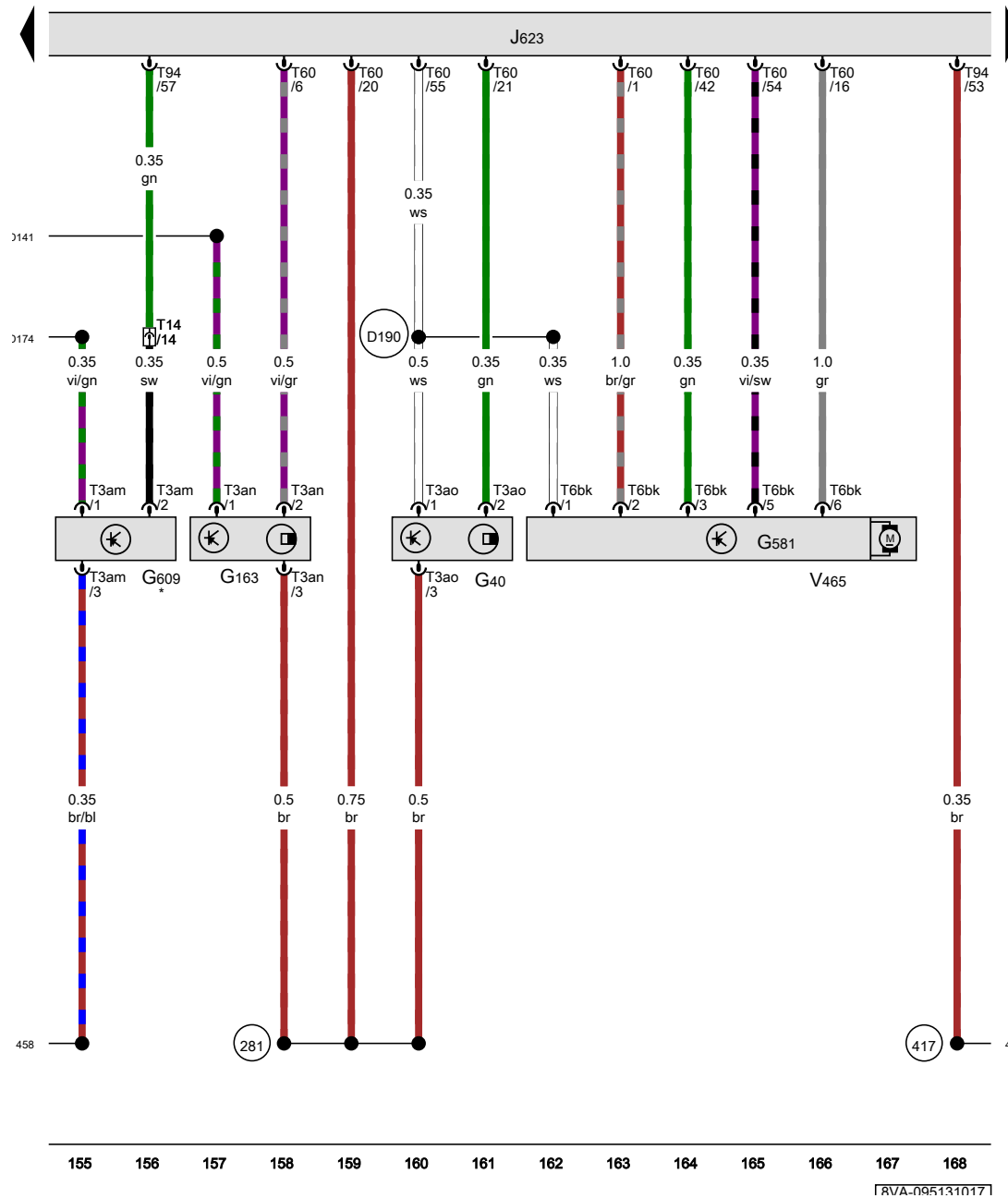
Engine speed sender, Charge pressure sender, Intake air temperature sender, Coolant temperature sender, Intake manifold pressure sender, Fuel pressure sender, Intake air temperature sender 2, Engine/motor control unit

- G28 Engine speed sender
- G31 Charge pressure sender
- G42 Intake air temperature sender
- G62 Coolant temperature sender
- G71 Intake manifold pressure sender
- G247 Fuel pressure sender
- G299 Intake air temperature sender 2
- J623 Engine/motor control unit
- T2ib 2-pin connector
- T3ak 3-pin connector
- T3al 3-pin connector
- T4by 4-pin connector
- T4bz 4-pin connector
- T60 60-pin connector

458 Earth point 3, engine prewiring harness

D141 Connection (5V) in engine prewiring harness

D174 Connection 2 (5V) in engine prewiring harness

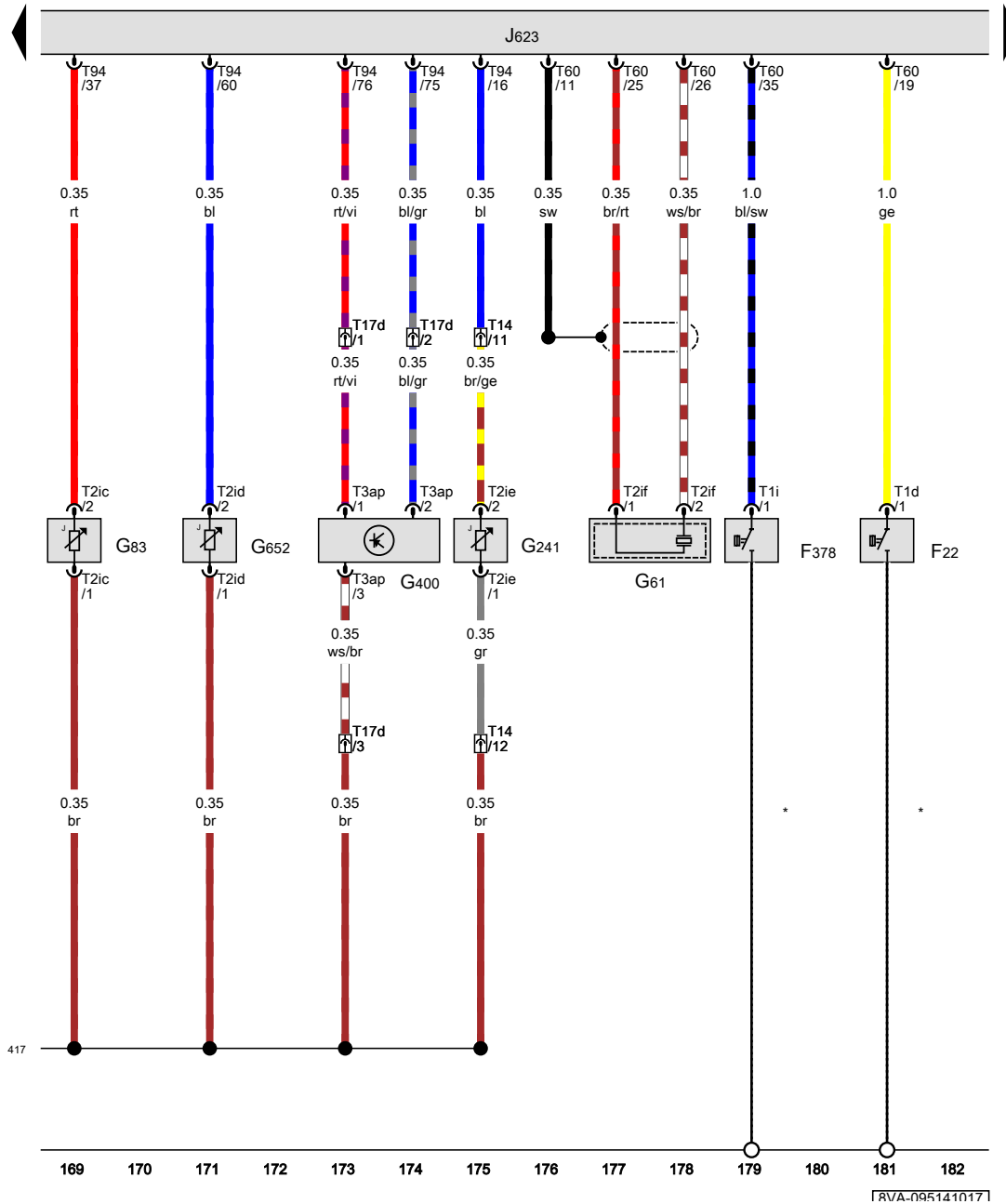


Hall sender, Hall sender 2, Sender 1 for secondary air pressure, Engine/motor control unit, Charge pressure positioner

- G40 Hall sender
- G163 Hall sender 2
- G581 Position sender for charge pressure positioner
- G609 Sender 1 for secondary air pressure
- J623 Engine/motor control unit
- T3am 3-pin connector
- T3an 3-pin connector
- T3ao 3-pin connector
- T6bk 6-pin connector
- T14 14-pin connector
- T60 60-pin connector
- T94 94-pin connector
- V465 Charge pressure positioner

- 281 Earth point 1, engine prewiring harness
- 417 Earth connection 9, in engine compartment wiring harness
- 458 Earth point 3, engine prewiring harness
- D141 Connection (5V) in engine prewiring harness
- D174 Connection 2 (5V) in engine prewiring harness
- D190 Connection 3 (5V) in engine prewiring harness

* For models with US equipment



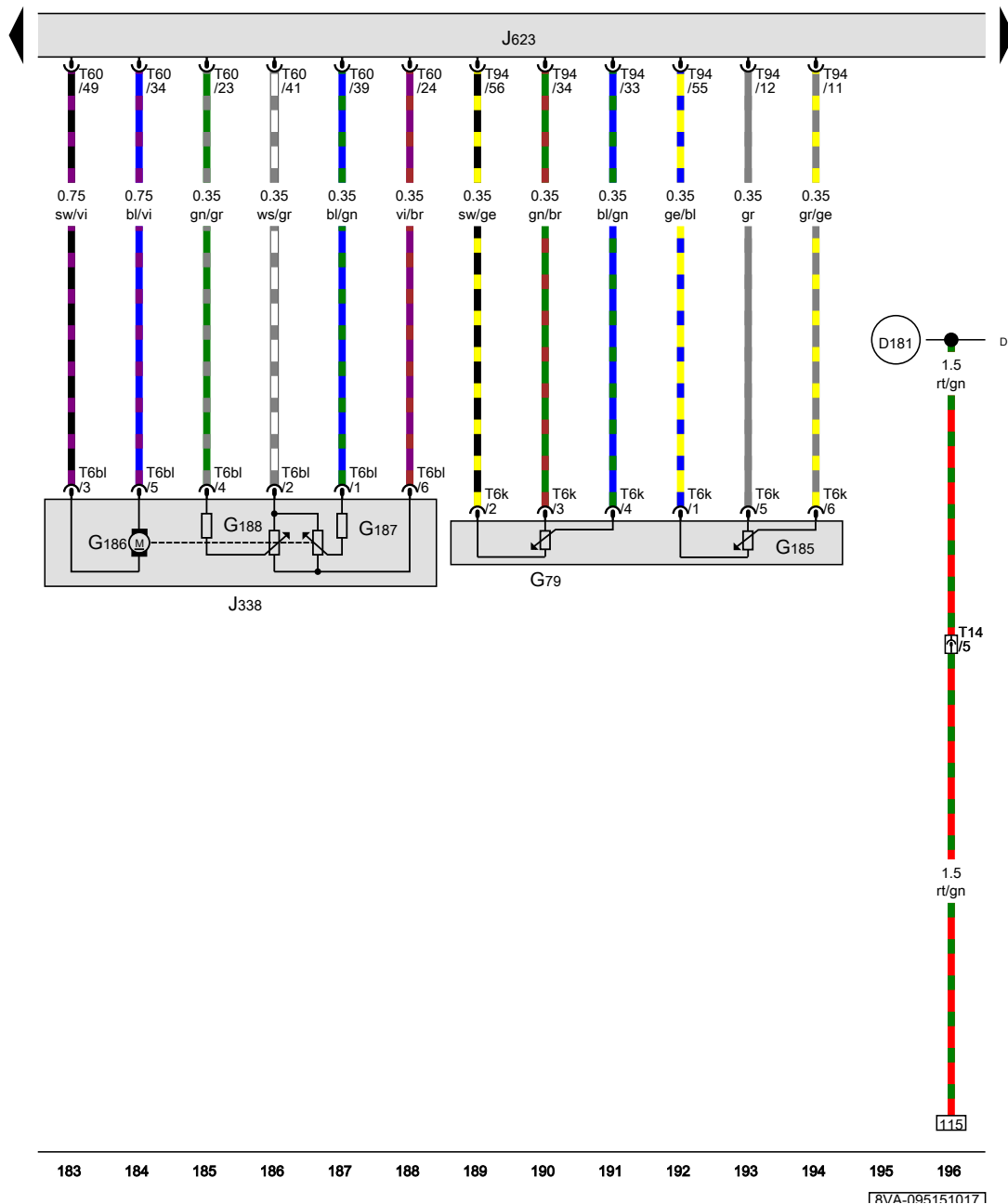
Oil pressure switch, Oil pressure switch for reduced oil pressure, Knock sensor 1, Radiator outlet coolant temperature sender, Tank pressure sensor, Engine temperature sender 2, Engine/motor control unit

- F22 Oil pressure switch
- F378 Oil pressure switch for reduced oil pressure
- G61 Knock sensor 1
- G83 Radiator outlet coolant temperature sender
- G241 Coolant temperature sender for heater
- G400 Tank pressure sensor
- G652 Engine temperature sender 2
- J623 Engine/motor control unit
- T1d 1-pin connector
- T1i 1-pin connector
- T2ic 2-pin connector
- T2id 2-pin connector
- T2ie 2-pin connector
- T2if 2-pin connector
- T3ap 3-pin connector
- T14 14-pin connector
- T17d 17-pin connector
- T60 60-pin connector
- T94 94-pin connector

417 Earth connection 9, in engine compartment wiring harness

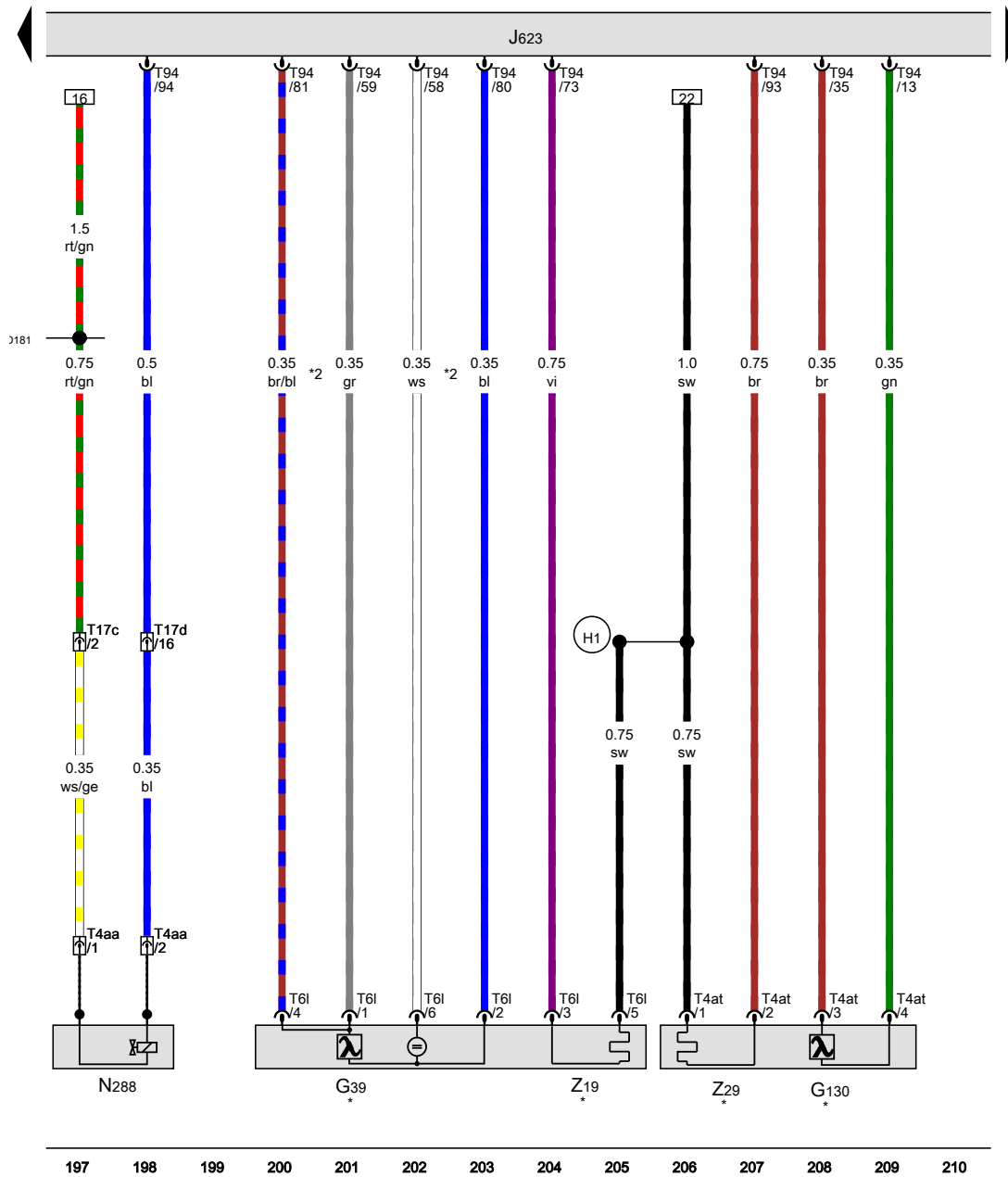
* Earth supply via housing

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



Accelerator position sender, Accelerator position sender 2, Throttle valve module, Engine/motor control unit

- G79 Accelerator position sender
- G185 Accelerator position sender 2
- G186 Throttle valve drive for electric throttle
- G187 Throttle valve drive angle sender 1 for electric throttle
- G188 Throttle valve drive angle sender 2 for electric throttle
- J338 Throttle valve module
- J623 Engine/motor control unit
- T6bl 6-pin connector
- T6k 6-pin connector
- T14 14-pin connector, near front left longitudinal member
- T60 60-pin connector
- T94 94-pin connector
- D181 Connection 2 (87a), in engine compartment wiring harness



Lambda probe, Lambda probe after catalytic converter, Engine/motor control unit, Fuel tank shut-off valve, Lambda probe heater, Lambda probe 1 heater after catalytic converter

- G39 Lambda probe
- G130 Lambda probe after catalytic converter
- J623 Engine/motor control unit
- N288 Fuel tank shut-off valve
- T4aa 4-pin connector
- T4at 4-pin connector
- T6l 6-pin connector
- T17c 17-pin connector
- T17d 17-pin connector
- T94 94-pin connector
- Z19 Lambda probe heater
- Z29 Lambda probe 1 heater after catalytic converter

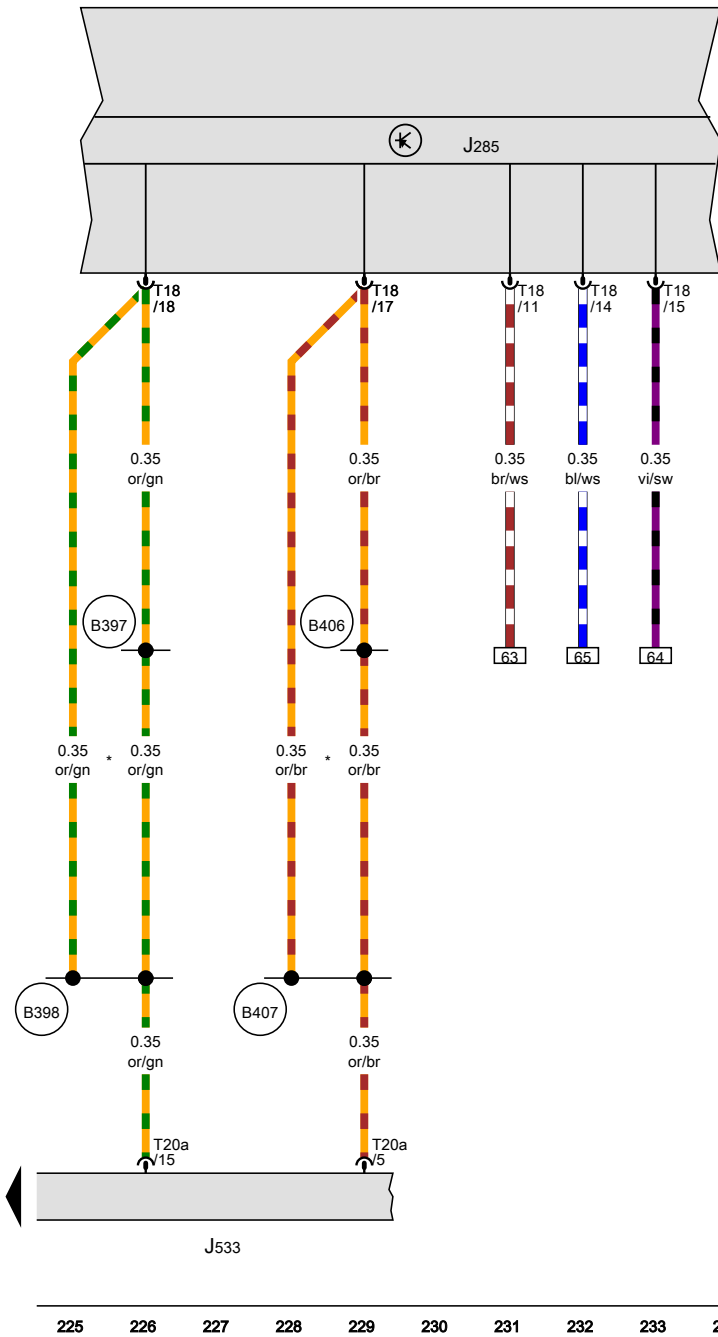
D181 Connection 2 (87a), in engine compartment wiring harness

H1 Positive connection, in Lambda wiring harness

* Pre-wired component

*2 Wiring colour depends on equipment

ws = white
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

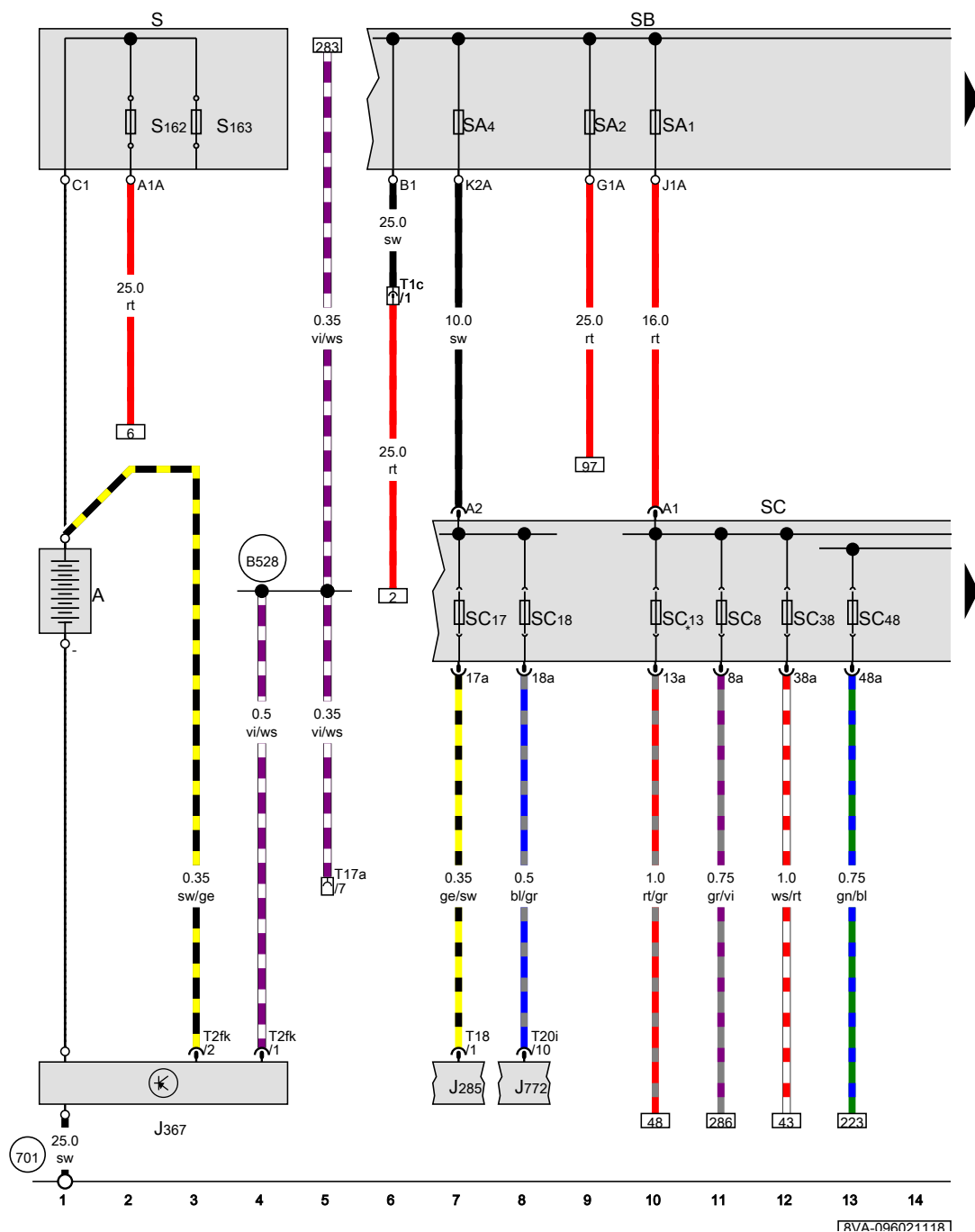


Control unit in dash panel insert, Data bus diagnostic interface

- J285 Control unit in dash panel insert
- J533 Data bus diagnostic interface
- T18 18-pin connector
- T20a 20-pin connector
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness
- * For right-hand drive models

High-voltage system , (0K3)

From May 2014



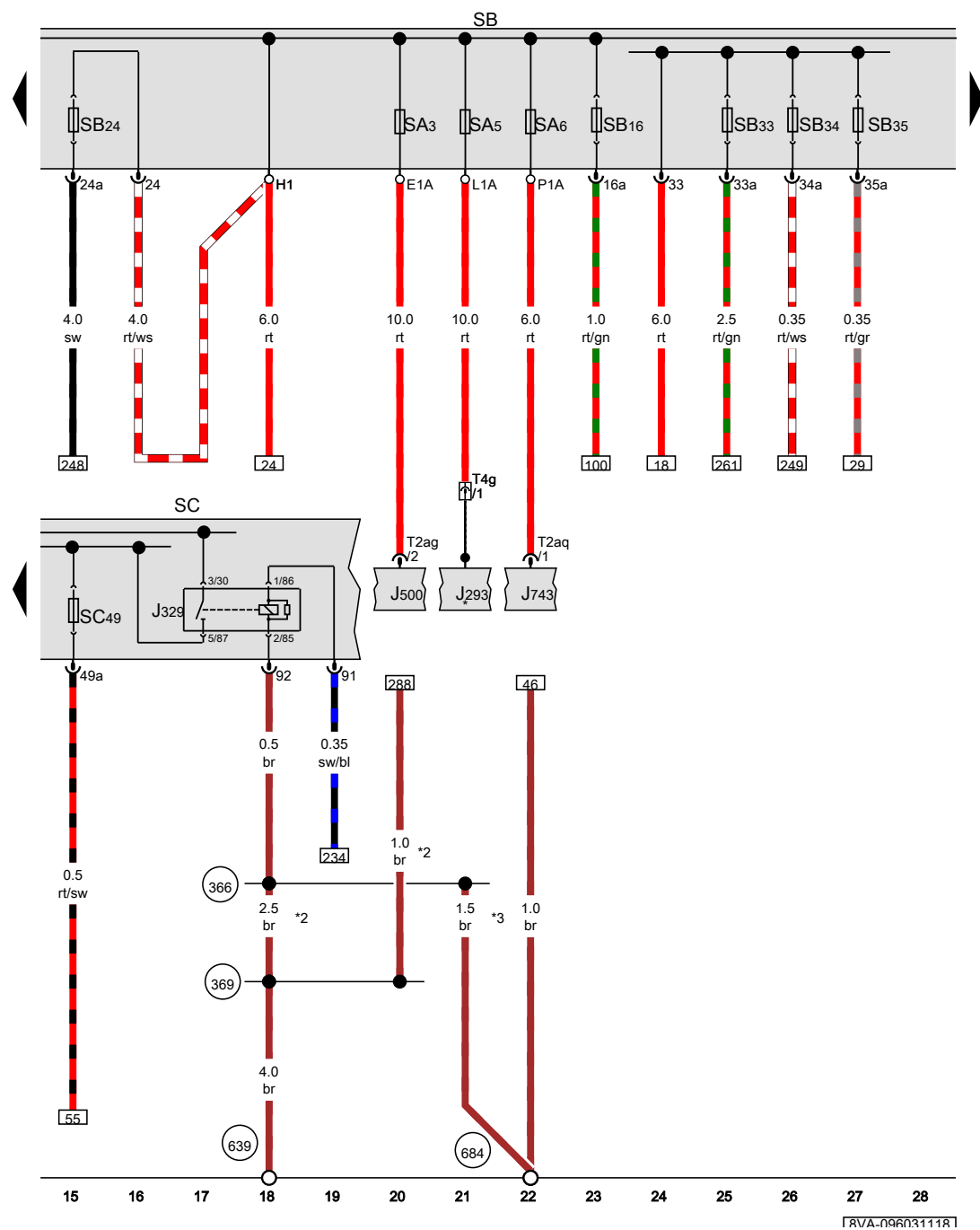
Battery, Battery monitor control unit, Fuse 1 on fuse holder A, Fuse 2 on fuse holder A, Fuse 4 on fuse holder A, Fuse holder B, Fuse holder C

- A Battery, on left in luggage compartment
- J285 Control unit in dash panel insert
- J367 Battery monitor control unit, on earth cable battery clamp
- J772 Reversing camera system control unit
- S Fuses in fuse holder, on fuse holder, battery
- SA1 Fuse 1 on fuse holder A
- SA2 Fuse 2 on fuse holder A
- SA4 Fuse 4 on fuse holder A
- S162 Fuse 1 (30), in battery fuse holder
- S163 Fuse 2 (30), in battery fuse holder
- SB Fuse holder B
- SC Fuse holder C
- SC8 Fuse 8 on fuse holder C
- SC13 Fuse 13 on fuse holder C
- SC17 Fuse 17 on fuse holder C
- SC18 Fuse 18 on fuse holder C
- SC38 Fuse 38 on fuse holder C
- SC48 Fuse 48 on fuse holder C
- T1c 1-pin connector
- T2fk 2-pin connector
- T17a 17-pin connector
- T18 18-pin connector
- T20i 20-pin connector

701 Earth point in luggage compartment

B528 Connection 1 (LIN bus) in main wiring harness

* Emergency cut-out connection 1



Terminal 15 voltage supply relay, Fuse 3 on fuse holder A, Fuse 5 on fuse holder A, Fuse 6 on fuse holder A, Fuse holder B, Fuse 16 on fuse holder B, Fuse 24 on fuse holder B, Fuse 33 on fuse holder B, Fuse 34 on fuse holder B, Fuse 35 on fuse holder B, Fuse holder C

- J293 Radiator fan control unit
- J329 Terminal 15 voltage supply relay
- J500 Power steering control unit
- J743 Mechatronic unit for dual clutch gearbox
- SA3 Fuse 3 on fuse holder A
- SA5 Fuse 5 on fuse holder A
- SA6 Fuse 6 on fuse holder A
- SB Fuse holder B
- SB16 Fuse 16 on fuse holder B
- SB24 Fuse 24 on fuse holder B
- SB33 Fuse 33 on fuse holder B
- SB34 Fuse 34 on fuse holder B
- SB35 Fuse 35 on fuse holder B
- SC Fuse holder C
- SC49 Fuse 49 on fuse holder C
- T2ag 2-pin connector
- T2aq 2-pin connector
- T4g 4-pin connector, black

- 366 Earth connection 1, in main wiring harness
- 369 Earth connection 4, in main wiring harness
- 639 Earth point, left A-pillar
- 684 Earth point on front of left side member

- * see applicable current flow diagram for radiator fan
- *2 For left-hand drive models
- *3 For right-hand drive models



Air conditioning system relay, Coolant shortage indicator control unit, Fuse holder B, Fuse 4 on fuse holder B

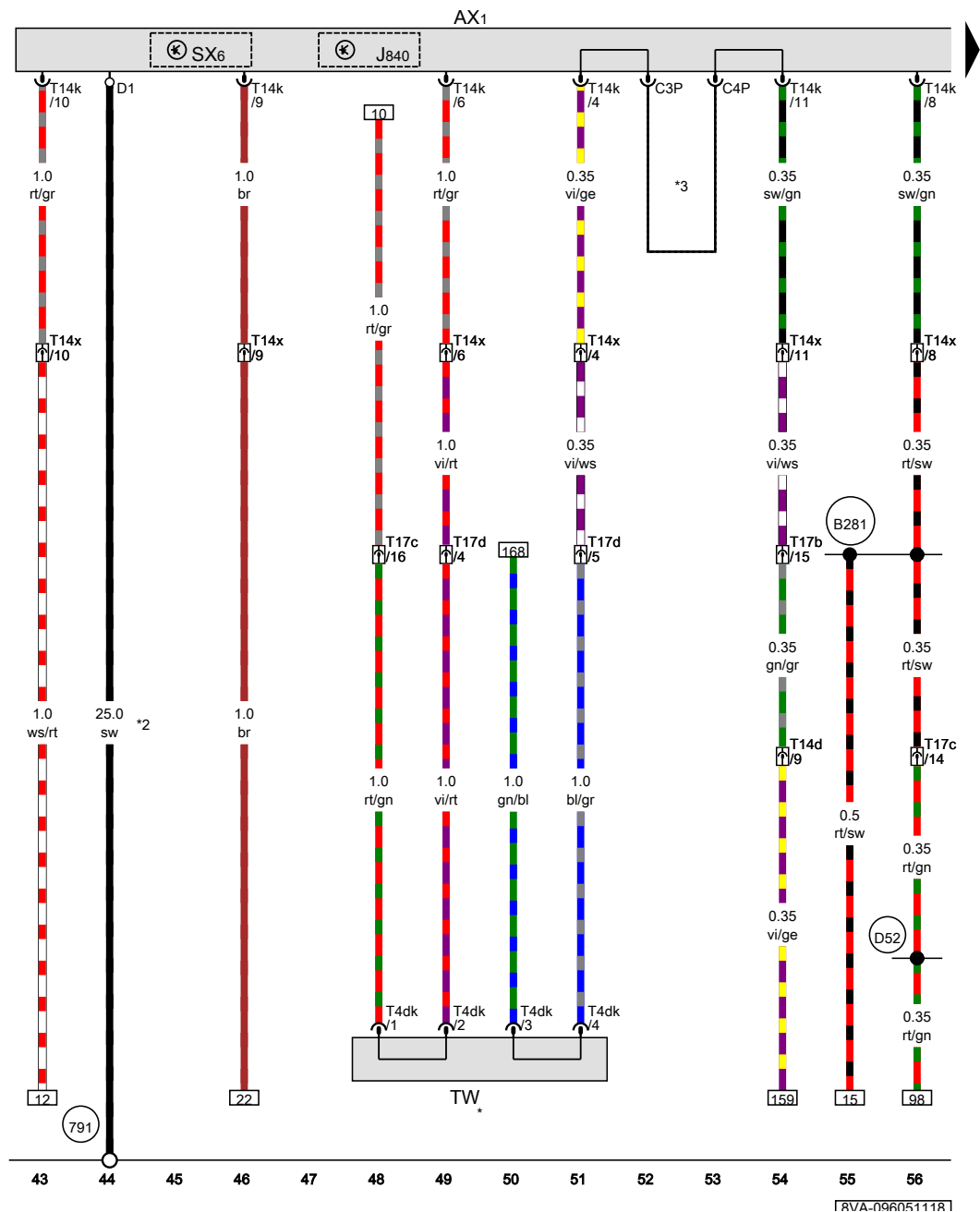
G32	Coolant shortage indicator sender
G837	Coolant shortage indicator sender 2
J32	Air conditioning system relay
J120	Coolant shortage indicator control unit
J255	Climatronic control unit
J271	Main relay
SB	Fuse holder B
SB4	Fuse 4 on fuse holder B
T2nn	2-pin connector
T2no	2-pin connector
T17d	17-pin connector
T20b	20-pin connector
327	Earth connection (sender earth), in engine compartment wiring harness
B698	Connection 3 (LIN bus) in main wiring harness
D197	Connection 5 (87a), in engine compartment wiring harness
*	see applicable current flow diagram for automatic air conditioning system
*2	see applicable current flow diagram for engine

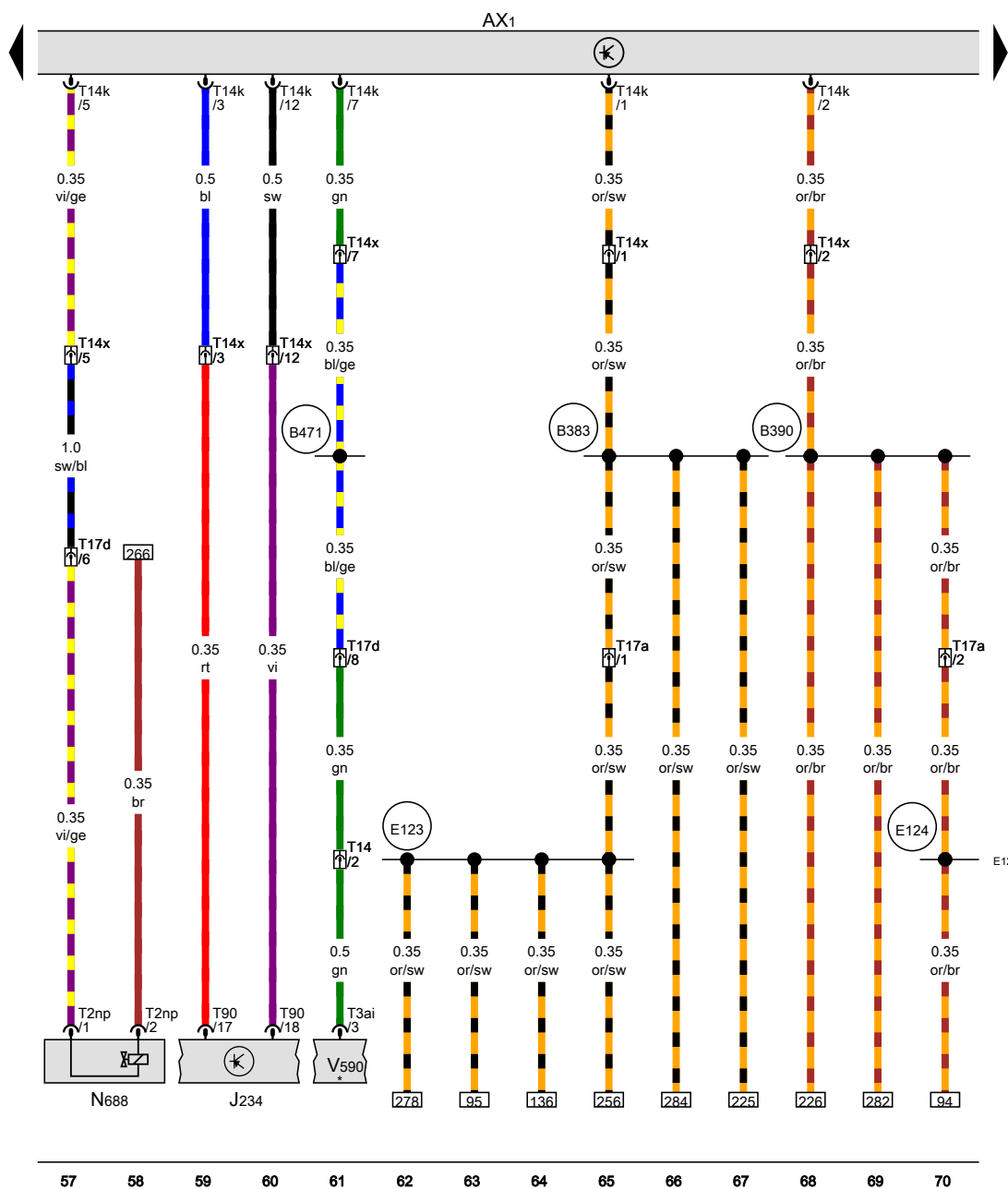
Hybrid battery unit, Battery regulation control unit, Switching unit for high-voltage battery

- AX1 Hybrid battery unit
- J840 Battery regulation control unit
- SX6 Switching unit for high-voltage battery
- T4dk 4-pin connector
- T14d 14-pin connector, black
- T14k 14-pin connector
- T14x 14-pin connector, on fuel gauge sender, black
- T17b 17-pin connector
- T17c 17-pin connector
- T17d 17-pin connector
- TW Maintenance connector for high-voltage system

- 791 Earth point, on rear right of underbody
- B281 Positive connection 5 (15a) in main wiring harness
- D52 Positive connection (15a), in engine compartment wiring harness
- * Emergency cut-out connection 2
- *2 Different wire colour possible
- *3 Pilot line

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



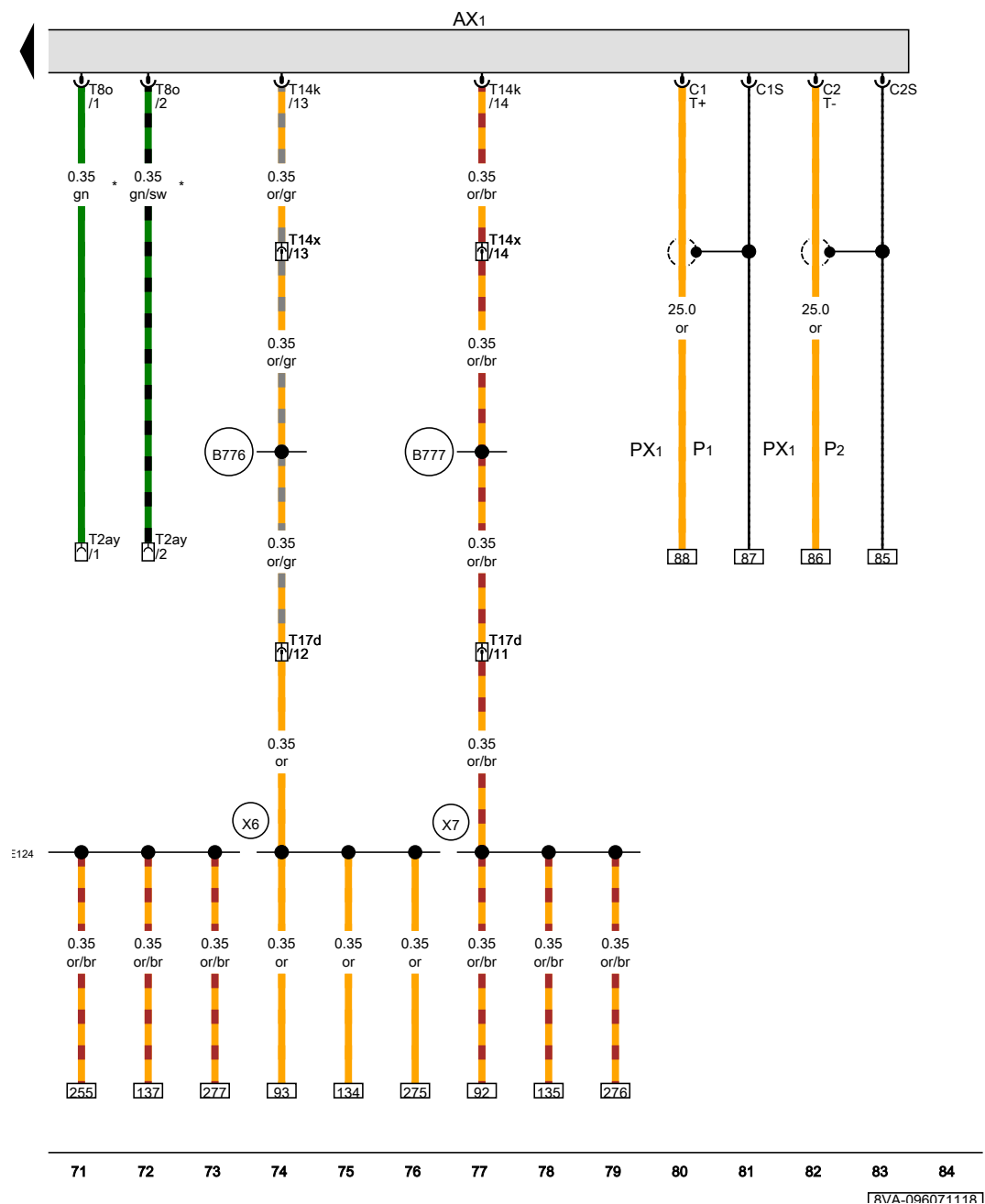


Hybrid battery unit, Airbag control unit

- AX1 Hybrid battery unit
- J234 Airbag control unit
- N688 Coolant valve for high-voltage battery
- T2np 2-pin connector
- T3ai 3-pin connector
- T14 14-pin connector
- T14k 14-pin connector
- T14x 14-pin connector, on fuel gauge sender, black
- T17a 17-pin connector
- T17d 17-pin connector
- T90 90-pin connector
- V590 Coolant pump for high-voltage battery

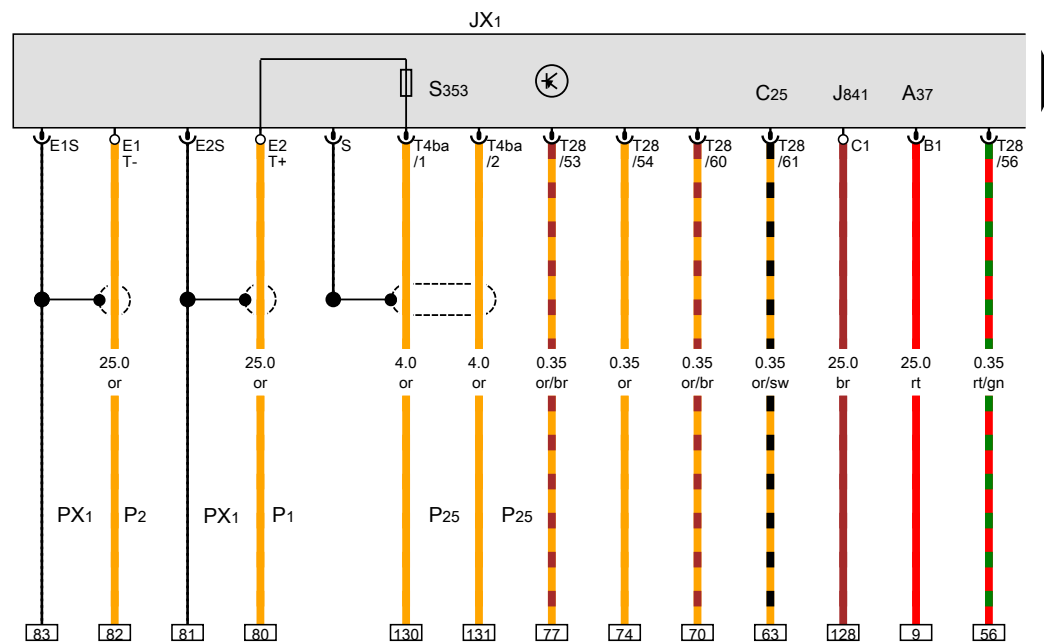
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- B471 Connection 7, in main wiring harness
- E123 Connection 1 (powertrain CAN bus, high), in engine wiring harness
- E124 Connection 1 (powertrain CAN bus, low), in engine wiring harness
- * see applicable current flow diagram for engine

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- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
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Hybrid battery unit, High-voltage wiring harness for high-voltage battery

- AX1 Hybrid battery unit
- P1 High-voltage wire for hybrid battery, positive terminal
- PX1 High-voltage wiring harness for high-voltage battery
- P2 High-voltage wire for hybrid battery, negative terminal
- T2ay 2-pin connector
- T8o 8-pin connector
- T14k 14-pin connector
- T14x 14-pin connector, on fuel gauge sender, black
- T17d 17-pin connector
- B776 Connection 1 (hybrid CAN bus, high) in main wiring harness
- B777 Connection 1 (hybrid CAN bus, low) in main wiring harness
- E124 Connection 1 (powertrain CAN bus, low), in engine wiring harness
- X6 Connection 2 (CAN bus hybrid, high), in engine compartment wiring harness
- X7 Connection 2 (CAN bus hybrid, low), in engine compartment wiring harness
- * Gradually discontinued



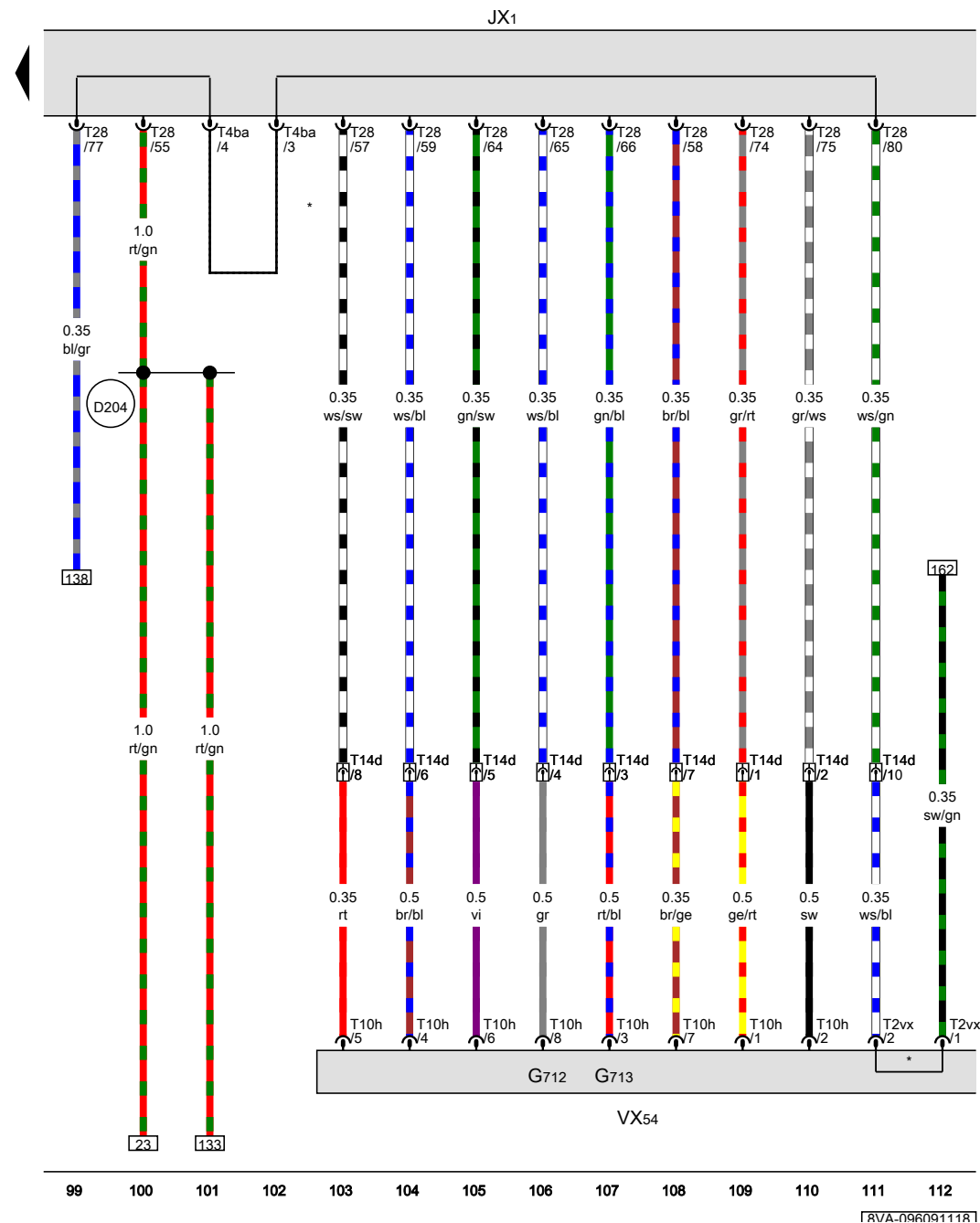
DC/AC converter for drive motor, Power and control electronics for electric drive, Electric drive control unit, High-voltage wiring harness for high-voltage battery

- A37 DC/AC converter for drive motor
- C25 Intermediate circuit capacitor 1
- JX1 Power and control electronics for electric drive
- J841 Electric drive control unit
- PX1 High-voltage wiring harness for high-voltage battery
- P1 High-voltage wire for hybrid battery, positive terminal
- P2 High-voltage wire for hybrid battery, negative terminal
- P25 High-voltage wire for high-voltage battery charging unit
- S353 High-voltage system fuse 3
- T4ba 4-pin connector
- T28 28-pin connector

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- bl = blue
- gr = grey
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- vi = purple
- ge = yellow
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Power and control electronics for electric drive, Three-phase current drive

- G712 Drive motor temperature sender
- G713 Drive motor rotor position sender 1
- JX1 Power and control electronics for electric drive
- T2vx 2-pin connector
- T4ba 4-pin connector
- T10h 10-pin connector
- T14d 14-pin connector, black
- T28 28-pin connector
- VX54 Three-phase current drive
- D204 Positive connection 4 (30a), in engine compartment wiring harness
- * Pilot line



- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

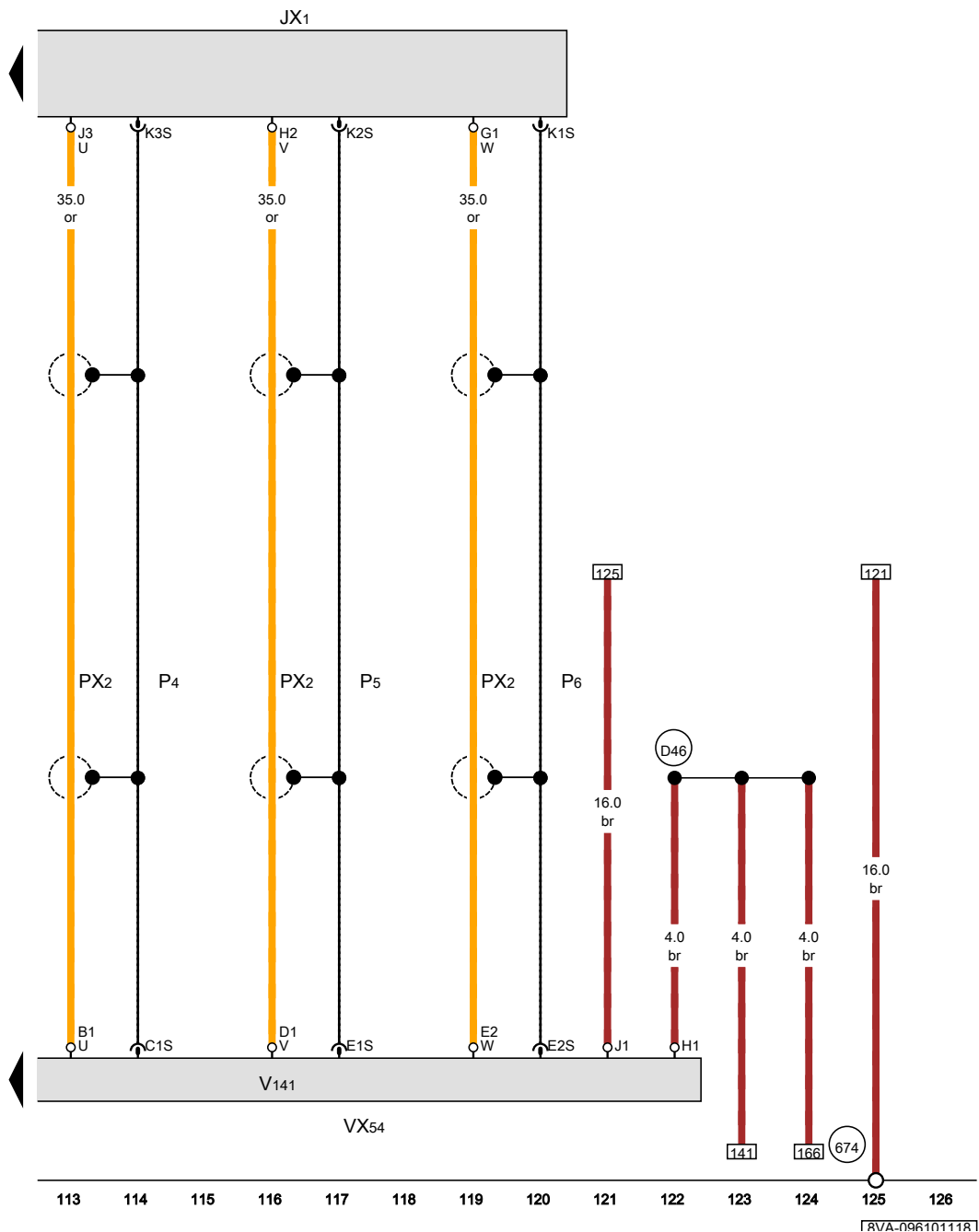
Power and control electronics for electric drive, High-voltage wiring harness for drive motor, Three-phase current drive, Electric drive motor

- JX1 Power and control electronics for electric drive
- PX2 High-voltage wiring harness for drive motor
- P4 High-voltage wire 1 for drive motor
- P5 High-voltage wire 2 for drive motor
- P6 High-voltage wire 3 for drive motor
- VX54 Three-phase current drive
- V141 Electric drive motor

674 Earth point 4, on front of left longitudinal member

D46 Connection 8, in engine prewiring harness

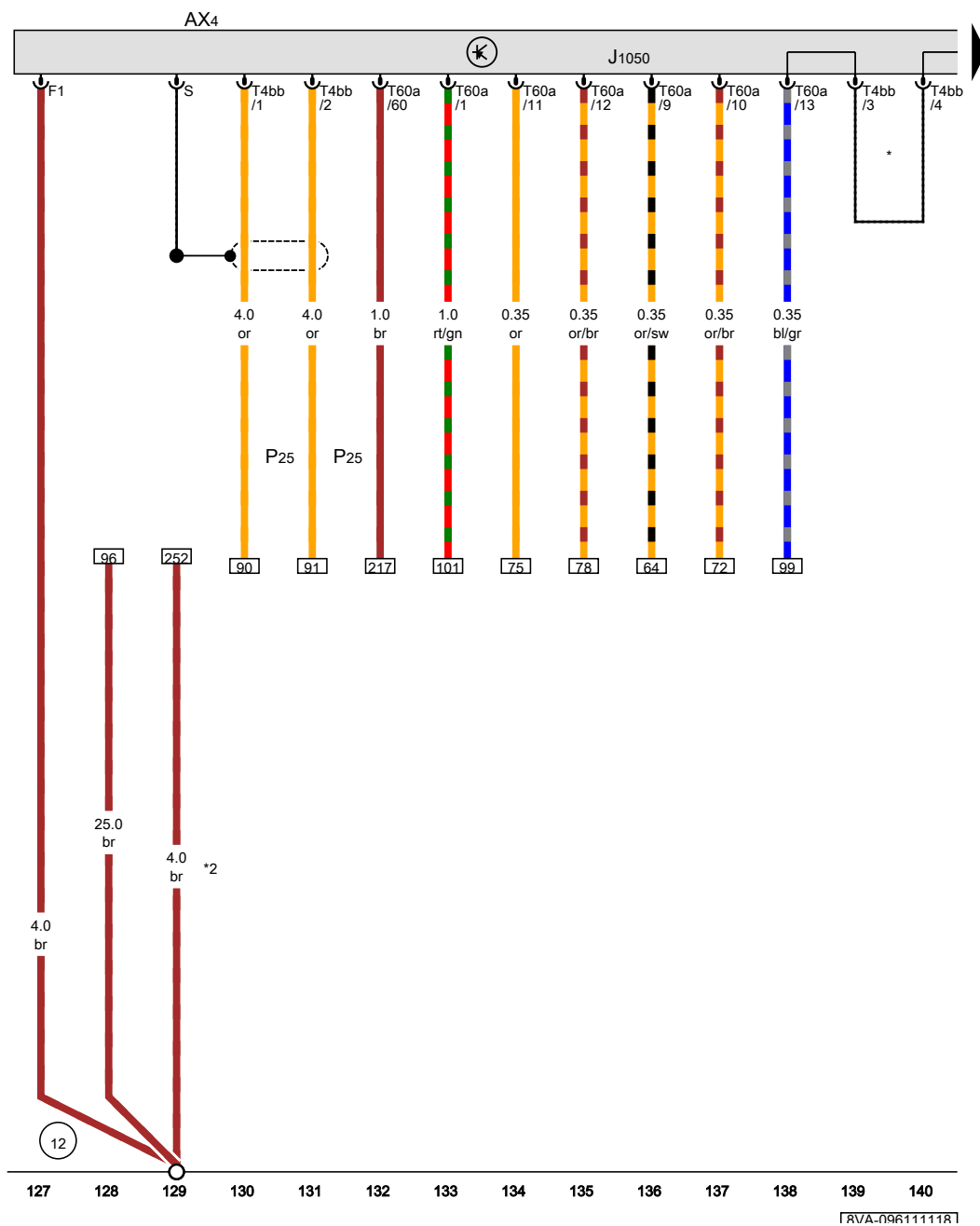
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



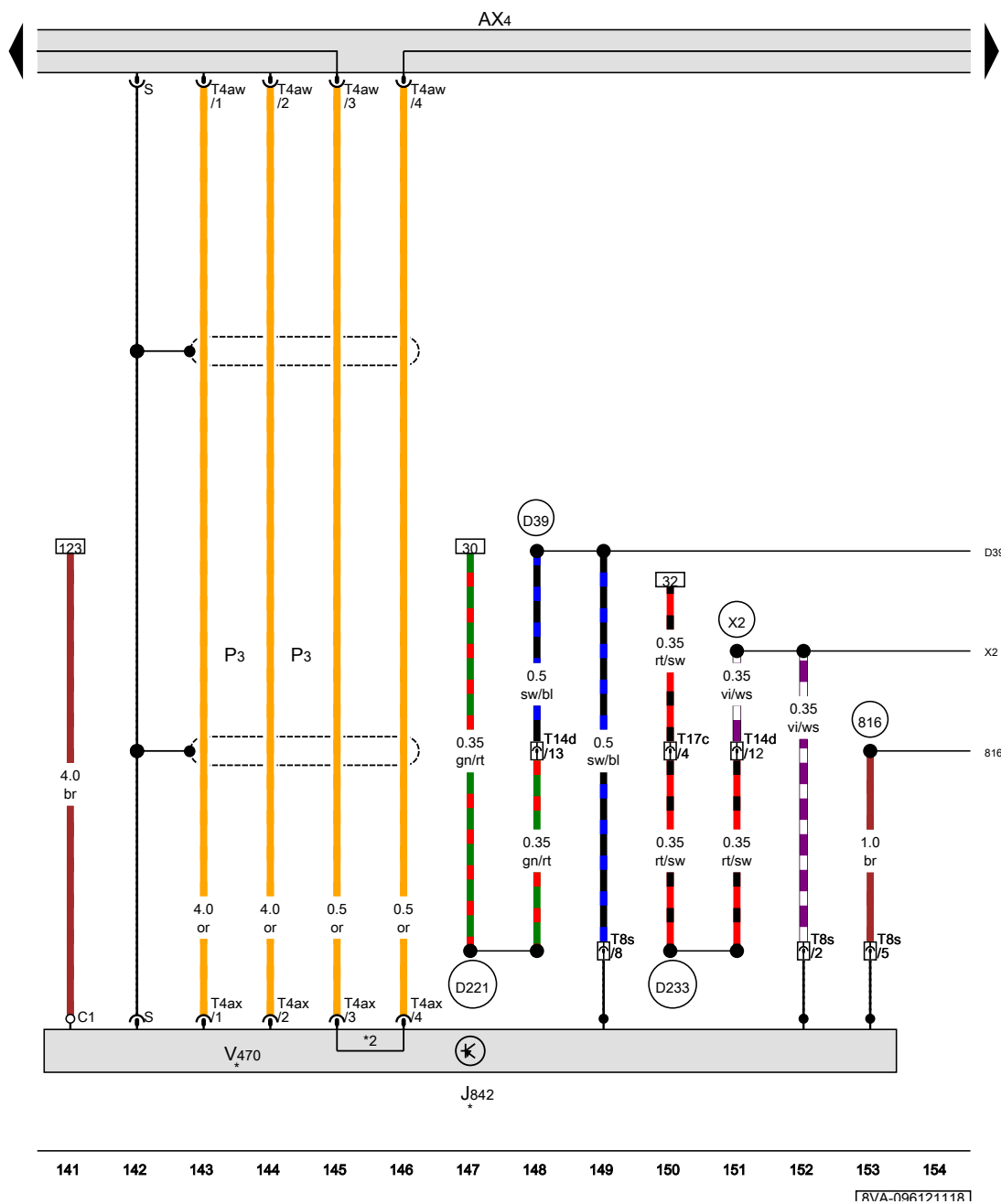
Charging unit 1 for high-voltage battery

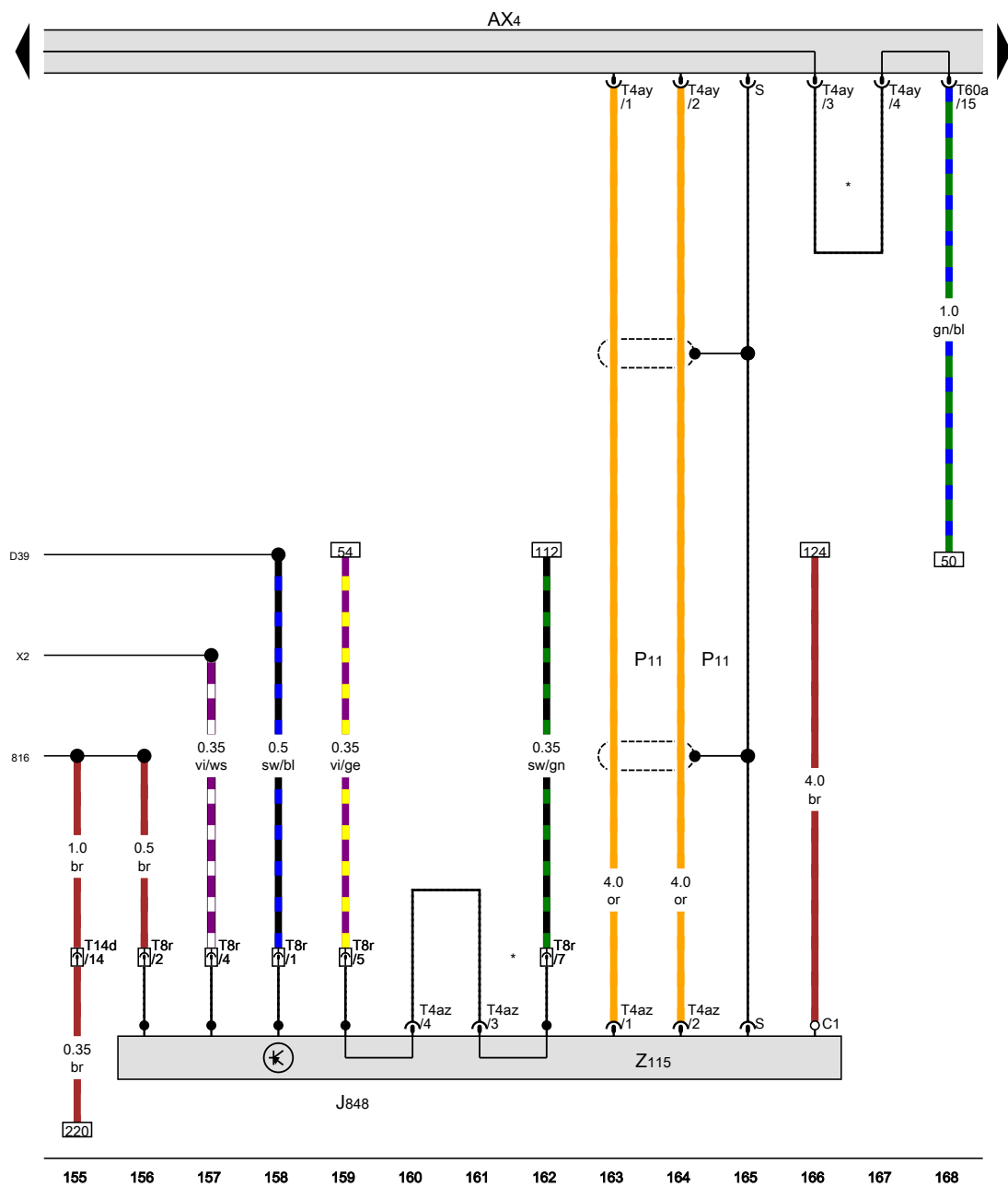
- AX4 Charging unit 1 for high-voltage battery
- J1050 Control unit for high-voltage battery charging unit
- P25 High-voltage wire for high-voltage battery charging unit
- T4bb 4-pin connector
- T60a 60-pin connector

- 12 Earth point, on left in engine compartment
- * Pilot line
- *2 For left-hand drive models



Charging unit 1 for high-voltage battery, Control unit for air conditioning compressor





Charging unit 1 for high-voltage battery, High-voltage heater (PTC) control unit

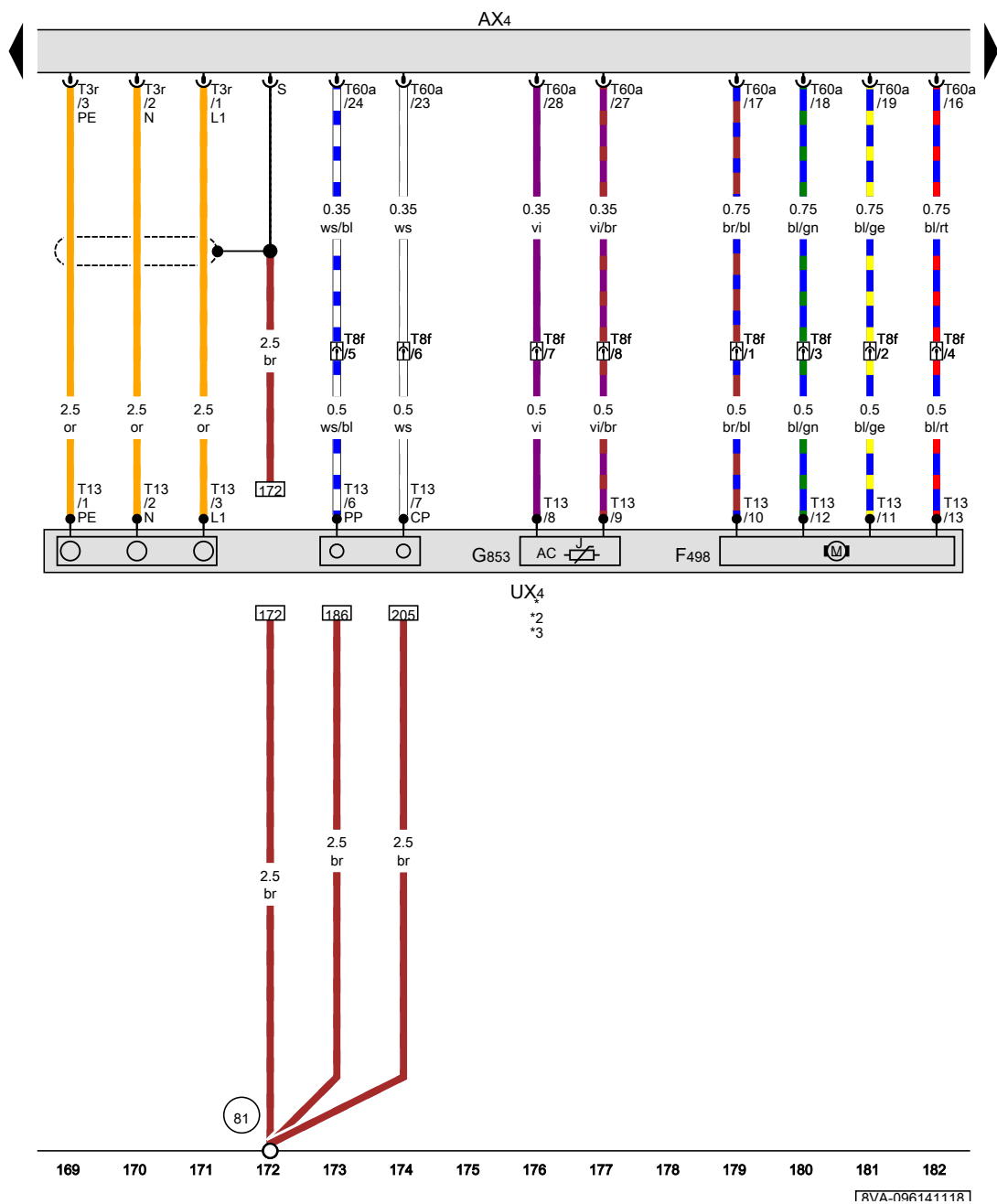
- AX4 Charging unit 1 for high-voltage battery
- J848 High-voltage heater (PTC) control unit
- P11 High-voltage wire for high-voltage heater (PTC)
- T4ay 4-pin connector
- T4az 4-pin connector
- T8r 8-pin connector
- T14d 14-pin connector, black
- T60a 60-pin connector
- Z115 High-voltage heater (PTC)

- 816 Earth connection 1, in hybrid system wiring harness
- D39 Connection 1, in engine prewiring harness
- X2 Connection 1 (LIN bus) in hybrid system wiring harness
- * Pilot line

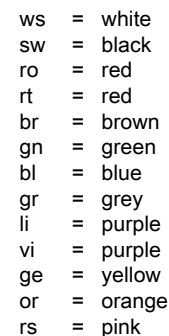
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Charging unit 1 for high-voltage battery, High-voltage battery charging socket 1

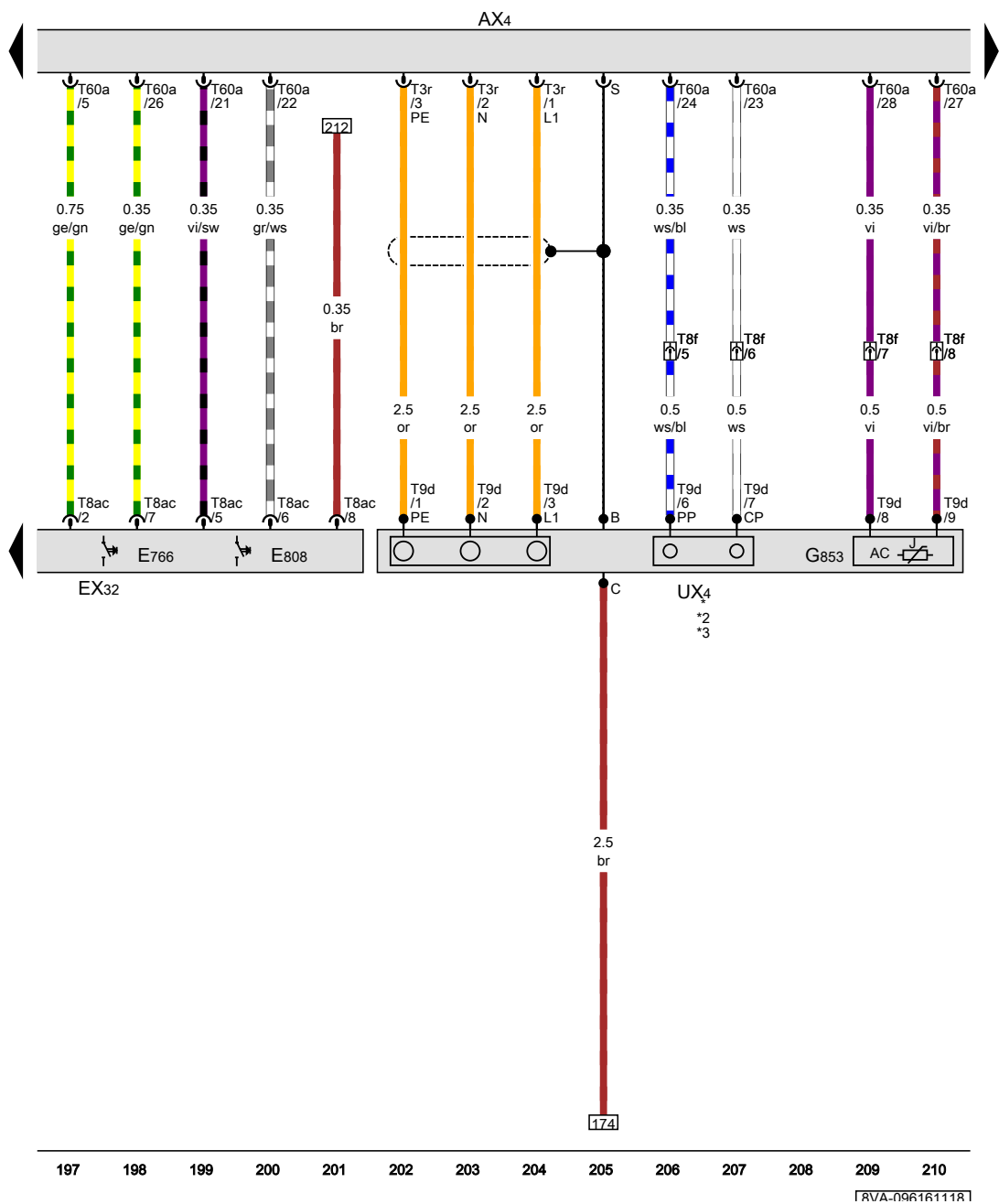
- AX4 Charging unit 1 for high-voltage battery
- F498 Actuator for high-voltage charging socket lock 1
- G853 Temperature sender for charging socket 1
- T3r 3-pin connector
- T8f 8-pin connector
- T13 13-pin connector
- T60a 60-pin connector
- UX4 High-voltage battery charging socket 1
- 81 Earth point in centre of engine compartment
- * For models with no equipment for Japan
- *2 For models with no US equipment
- *3 For models with no equipment for China



AX4	Charging unit 1 for high-voltage battery
EX32	Module for battery charge selector buttons
G853	Temperature sender for charging socket 1
L263	LED module for charging socket 1
T3r	3-pin connector
T7a	7-pin connector
T8ac	8-pin connector
T8f	8-pin connector
T60a	60-pin connector
UX4	High-voltage battery charging socket 1
X3	Connection 1, in hybrid system wiring harness
*	For models with equipment for Japan
*2	For models with US equipment
*3	For models with no equipment for China

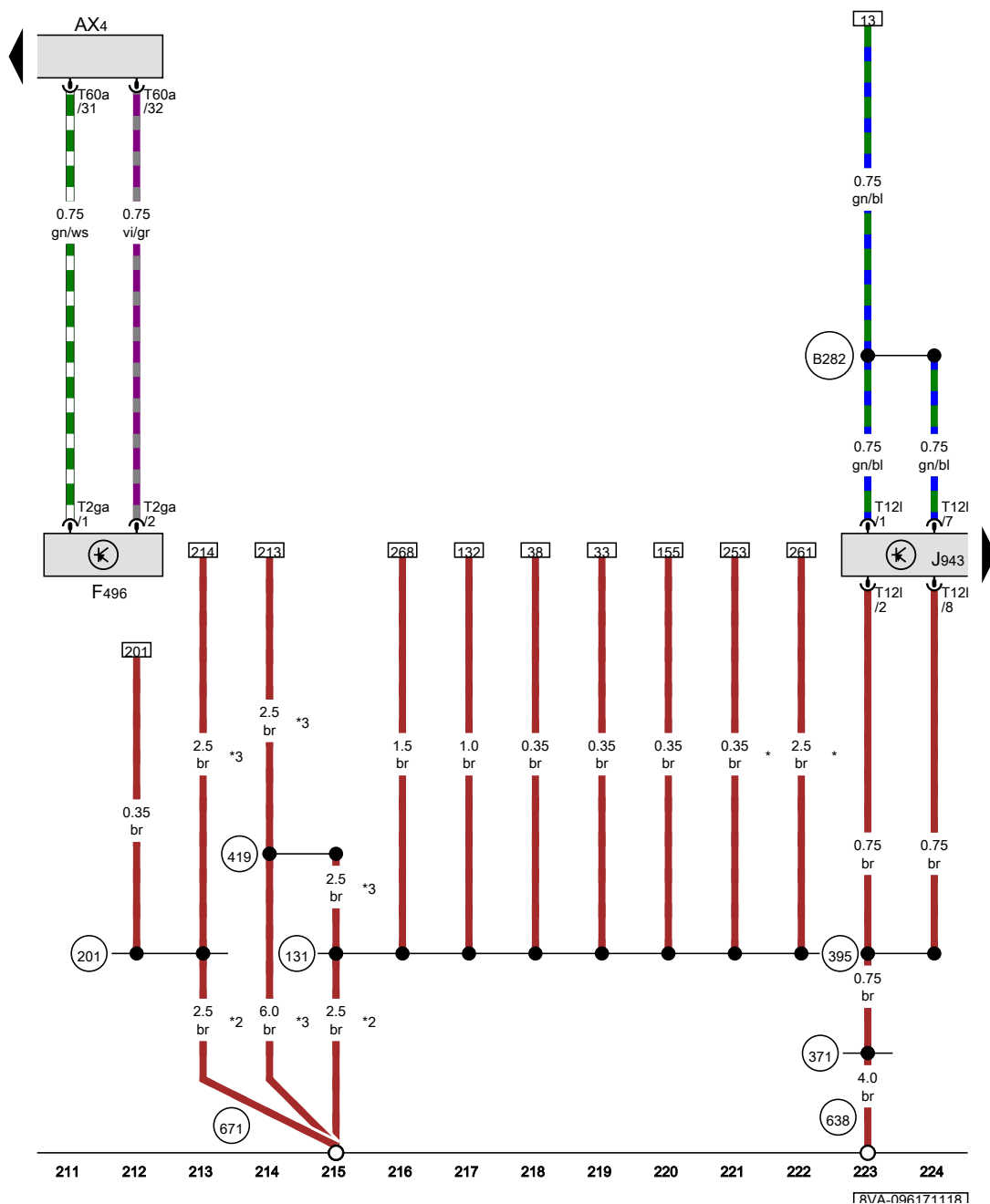


Charging unit 1 for high-voltage battery, Module for battery charge selector buttons, High-voltage battery charging socket 1



- AX4 Charging unit 1 for high-voltage battery
- EX32 Module for battery charge selector buttons
- E766 Immediate charge button
- E808 Charge profile selector button
- G853 Temperature sender for charging socket 1
- T3r 3-pin connector
- T8ac 8-pin connector
- T8f 8-pin connector
- T9d 9-pin connector
- T60a 60-pin connector
- UX4 High-voltage battery charging socket 1
- * For models with equipment for China
- *2 For models with no equipment for Japan
- *3 For models with no US equipment

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



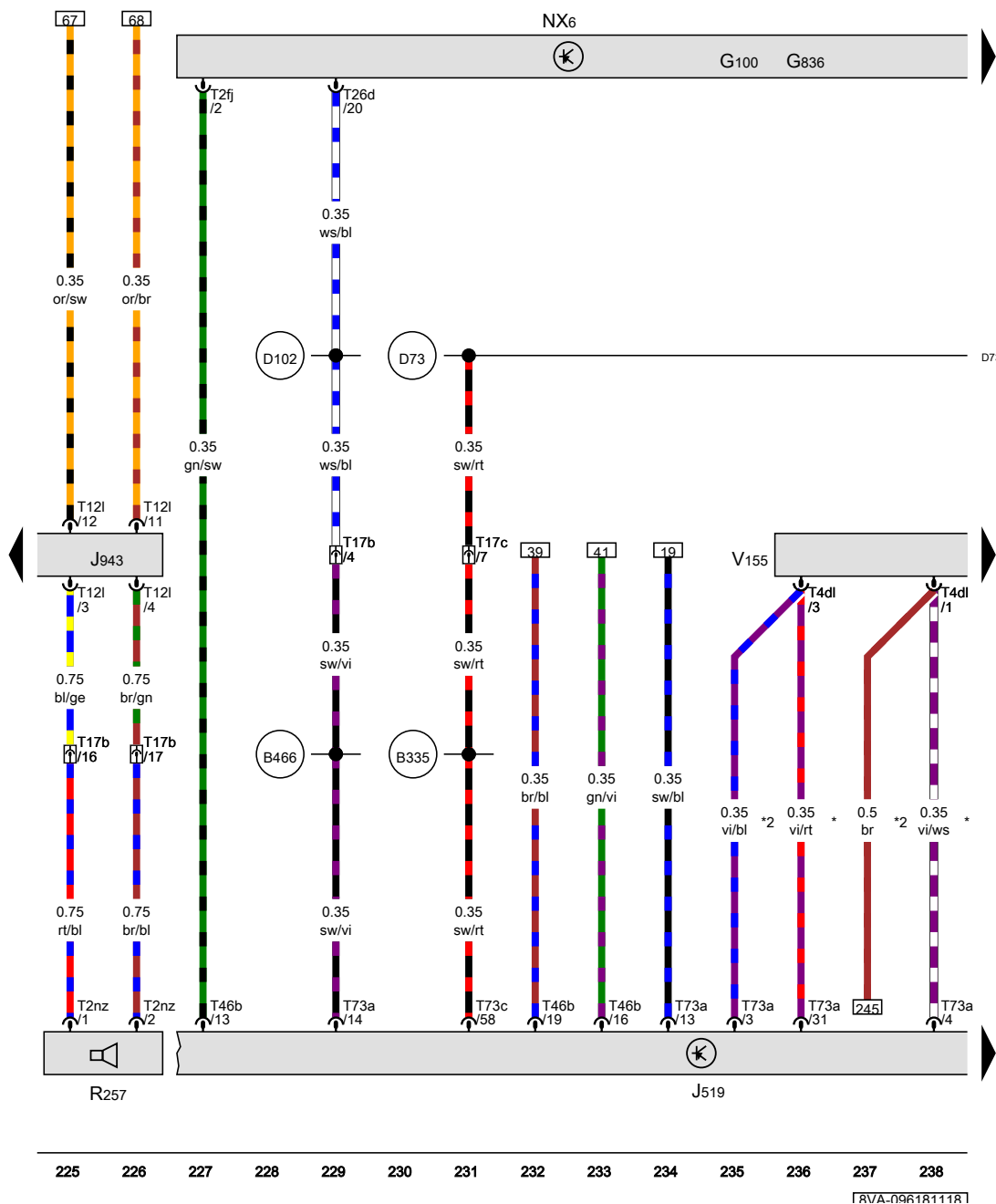
Charging unit 1 for high-voltage battery, Actuator for high-voltage charging flap lock 1, Engine sound generator control unit

- AX4 Charging unit 1 for high-voltage battery
- F496 Actuator for high-voltage charging flap lock 1
- J943 Engine sound generator control unit
- T2ga 2-pin connector
- T12l 12-pin connector
- T60a 60-pin connector

- 131 Earth connection 2, in engine compartment wiring harness
- 201 Earth connection 5, in engine compartment wiring harness
- 371 Earth connection 6, in main wiring harness
- 395 Earth connection 30, in main wiring harness
- 419 Earth connection 11, in engine compartment wiring harness
- 638 Earth point, on right A-pillar
- 671 Earth point 1, on front of left longitudinal member
- B282 Positive connection 6 (15a) in main wiring harness

- * For left-hand drive models
- *2 Gradually discontinued
- *3 gradual introduction

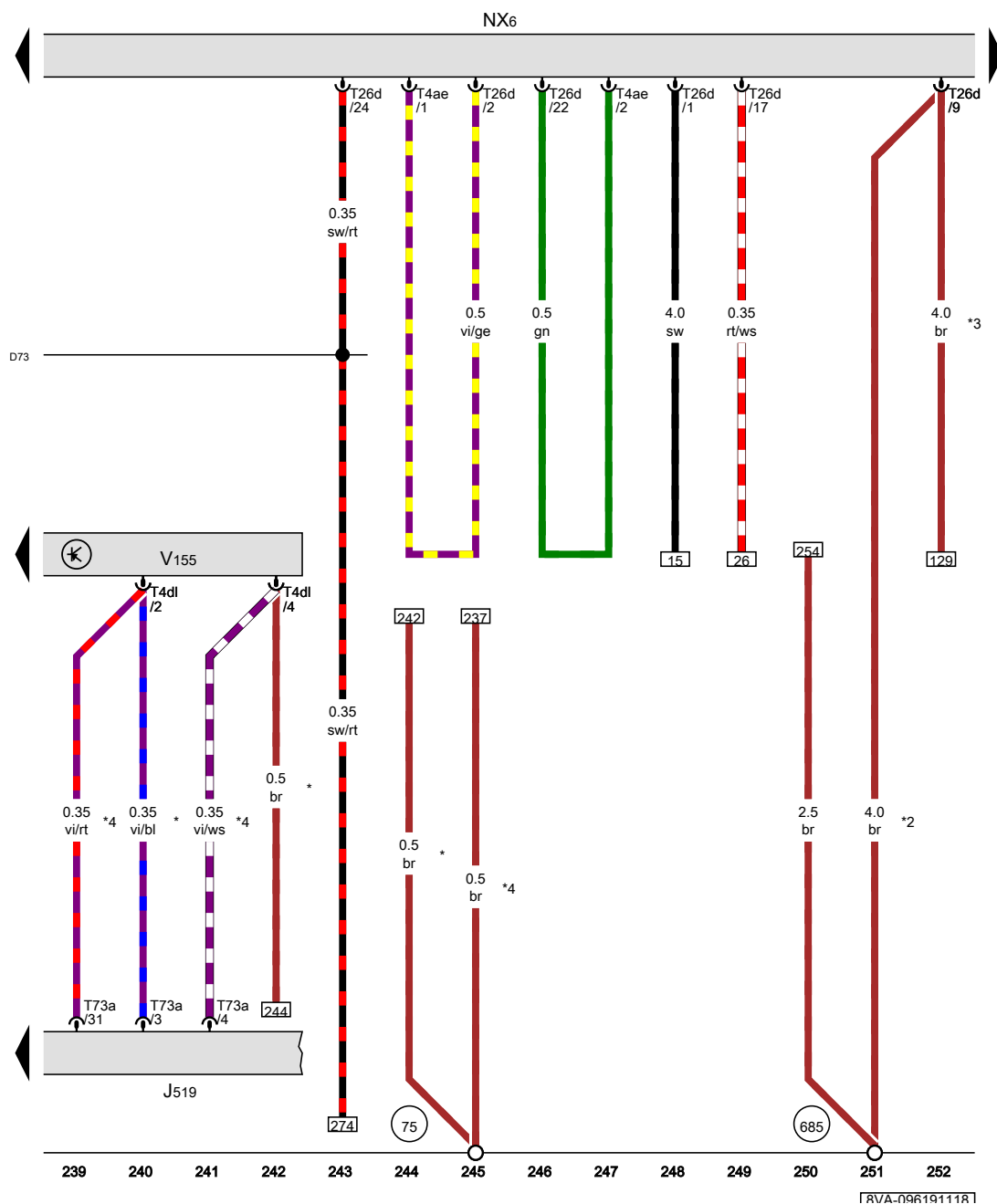
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



Onboard supply control unit, Engine sound generator control unit, Brake servo, Actuator 1 for engine sound generator, Tank filler flap locking motor

- G100 Brake pedal position sender
- G836 Brake pedal position sender 2
- J519 Onboard supply control unit
- J943 Engine sound generator control unit
- NX6 Brake servo
- R257 Actuator 1 for engine sound generator
- T2fj 2-pin connector
- T2nz 2-pin connector
- T4dl 4-pin connector
- T12l 12-pin connector
- T17b 17-pin connector
- T17c 17-pin connector
- T26d 26-pin connector
- T46b 46-pin connector
- T73a 73-pin connector
- T73c 73-pin connector
- V155 Tank filler flap locking motor

- B335 Connection 1 (54), in main wiring harness
- B466 Connection 2, in main wiring harness
- D73 Positive connection (54), in engine compartment wiring harness
- D102 Connection 2 in engine compartment wiring harness
- * Gradually discontinued
- *2 gradual introduction

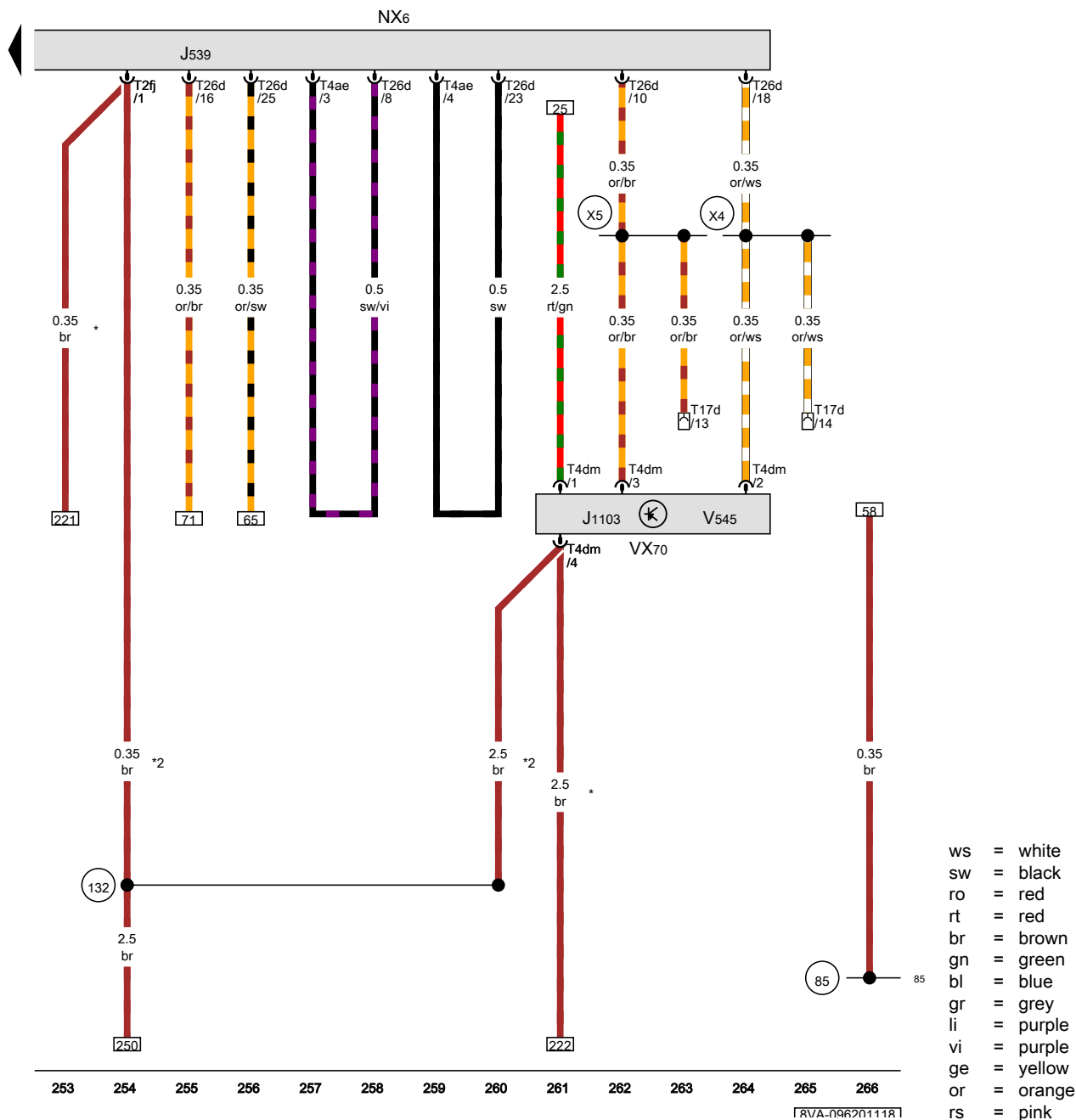


Onboard supply control unit, Brake servo, Tank filler flap locking motor

- J519 Onboard supply control unit
- NX6 Brake servo
- T4ae 4-pin connector
- T4dl 4-pin connector
- T26d 26-pin connector
- T73a 73-pin connector
- V155 Tank filler flap locking motor

- 75 Earth point, rear right pillar
- 685 Earth point 1, on front of right longitudinal member
- D73 Positive connection (54), in engine compartment wiring harness
- * Gradually discontinued
- *2 For right-hand drive models
- *3 For left-hand drive models
- *4 gradual introduction

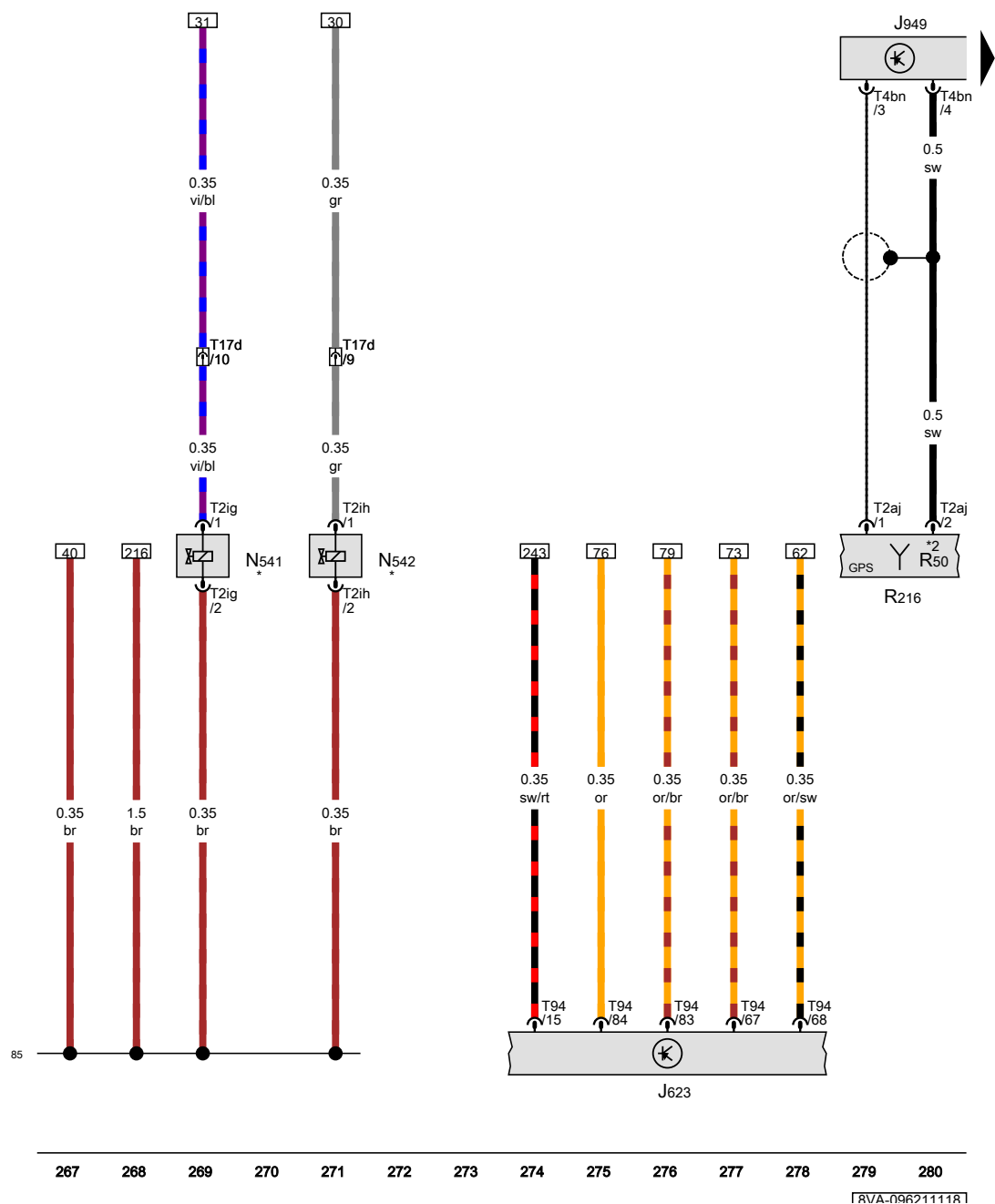
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



Brake servo, Brake system pressure accumulator

- J539 Brake servo control unit
- J1103 Control unit for brake pressure accumulator
- NX6 Brake servo
- T2fj 2-pin connector
- T4ae 4-pin connector
- T4dm 4-pin connector
- T17d 17-pin connector
- T26d 26-pin connector
- VX70 Brake system pressure accumulator
- V545 Motor in brake pressure accumulator for energy recovery

- 85 Earth connection 1, in engine compartment wiring harness
- 132 Earth connection 3, in engine compartment wiring harness
- X4 Connection 1 (CAN bus hybrid, high), in engine compartment wiring harness
- X5 Connection 1 (CAN bus hybrid, low), in engine compartment wiring harness
- * For left-hand drive models
- *2 For right-hand drive models



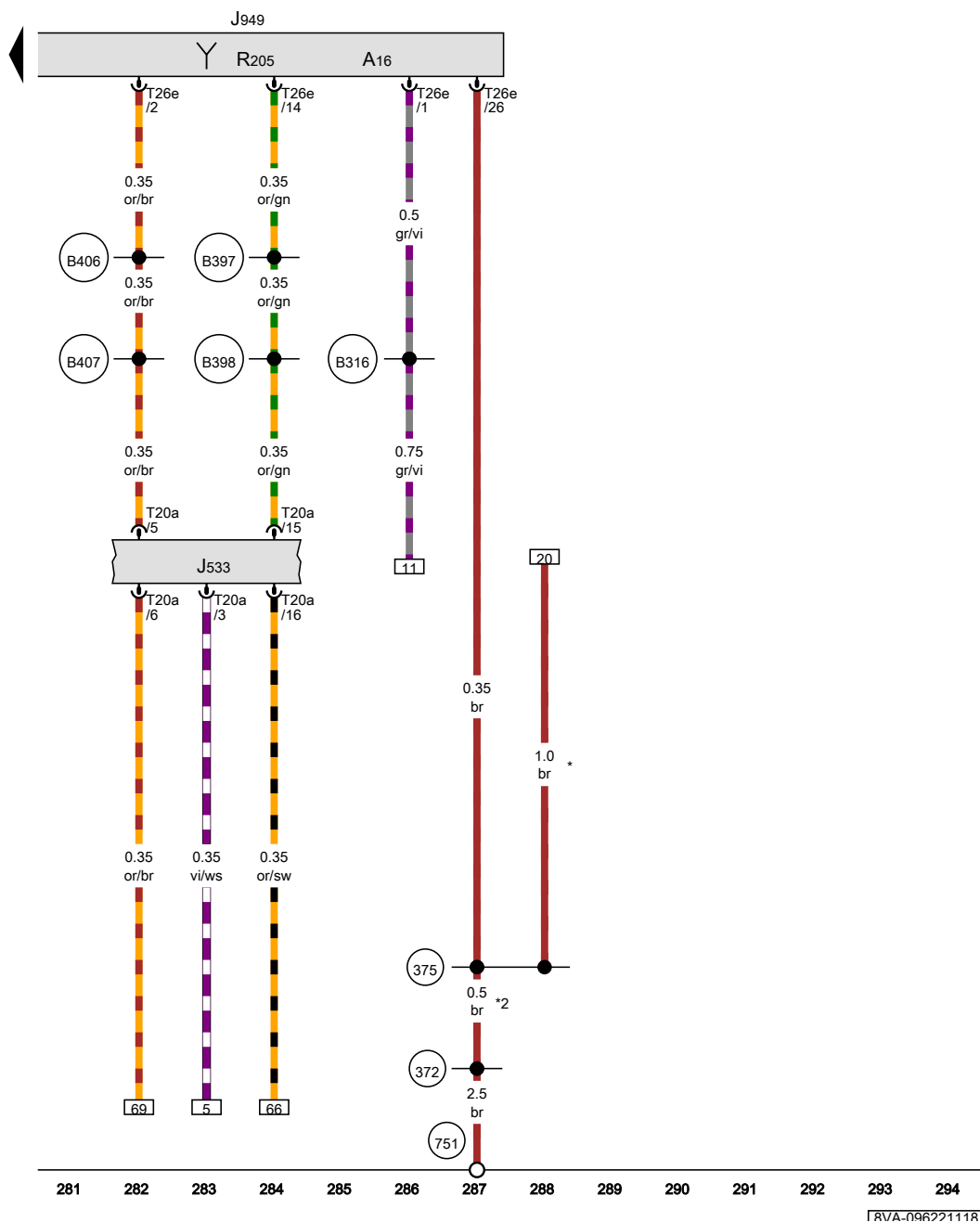
Engine/motor control unit, Emergency call module control unit and communication unit, Refrigerant shut-off valve for heater and air conditioner unit, Refrigerant shut-off valve for high-voltage battery heat exchanger, Roof aerial

- J623 Engine/motor control unit
- J949 Emergency call module control unit and communication unit
- N541 Refrigerant shut-off valve for heater and air conditioner unit
- N542 Refrigerant shut-off valve for high-voltage battery heat exchanger
- R50 GPS aerial
- R216 Roof aerial
- T2aj 2-pin connector
- T2ig 2-pin connector
- T2ih 2-pin connector
- T4bn 4-pin connector
- T17d 17-pin connector
- T94 94-pin connector

85 Earth connection 1, in engine compartment wiring harness

* see applicable current flow diagram for automatic air conditioning system

*2 For models with no navigation system



Data bus diagnostic interface, Emergency call module control unit and communication unit

- A16 Emergency battery, telematics
- J533 Data bus diagnostic interface
- J949 Emergency call module control unit and communication unit
- R205 GSM aerial
- T20a 20-pin connector
- T26e 26-pin connector

- 372 Earth connection 7, in main wiring harness
- 375 Earth connection 10, in main wiring harness
- 751 Earth point 2, on right A-pillar
- B316 Positive connection 2 (30a) in main wiring harness
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness

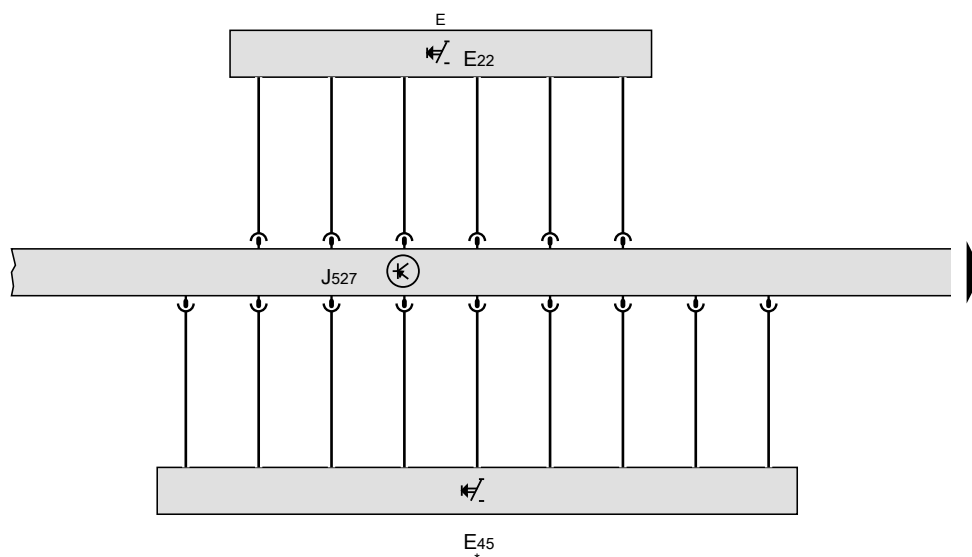
- * For left-hand drive models
- *2 For right-hand drive models

Basic equipment (Canada, Mexico, USA) , (L0L),(5C1)

From May 2014

Windscreen wiper switch, Intermittent wiper switch, Cruise control system switch, Steering column electronics control unit

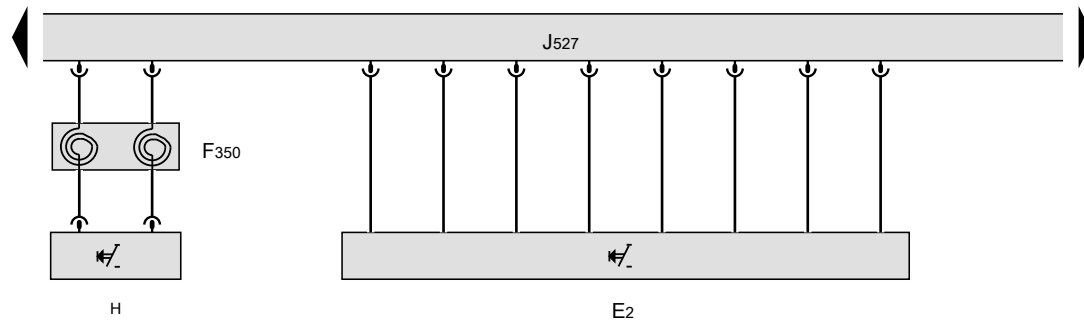
- E Windscreen wiper switch
- E22 Intermittent wiper switch
- E45 Cruise control system switch
- J527 Steering column electronics control unit
- * For models with cruise control system (CCS)



- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Turn signal switch, Horn plate, Steering column electronics control unit

- E2 Turn signal switch
- F350 Coil connector
- H Horn plate
- J527 Steering column electronics control unit



- ws = white
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- bl = blue
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- vi = purple
- ge = yellow
- or = orange
- rs = pink

15 16 17 18 19 20 21 22 23 24 25 26 27 28

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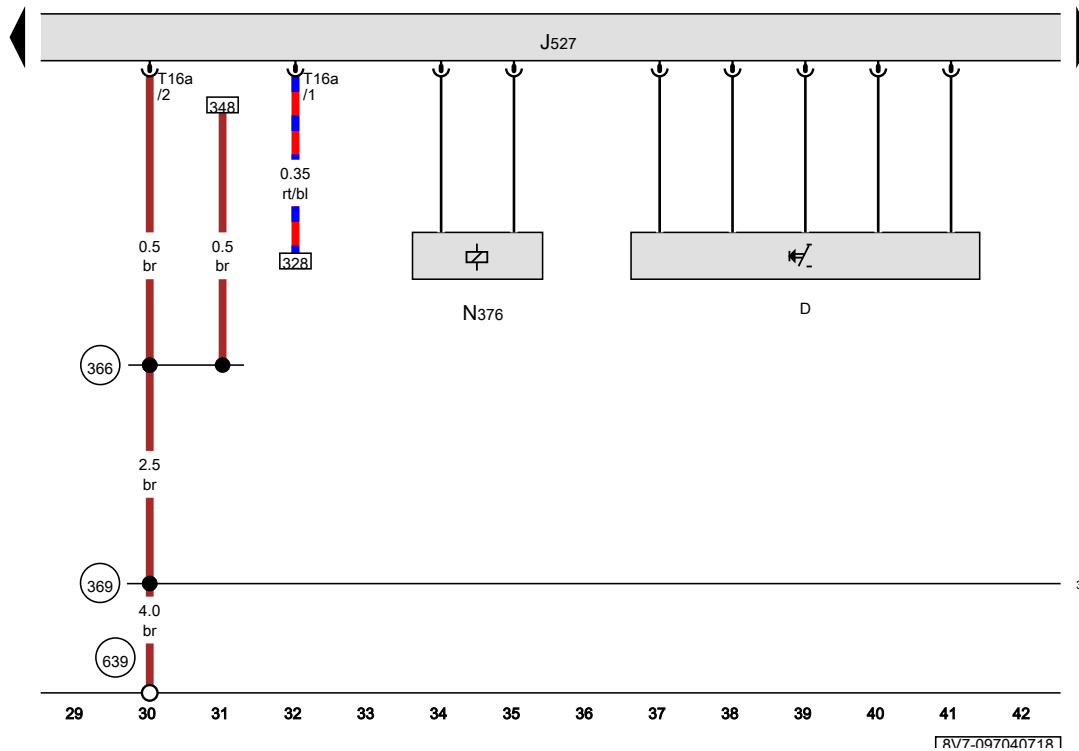
Ignition/starter switch, Steering column electronics control unit

D Ignition/starter switch
J527 Steering column electronics control unit
N376 Ignition key withdrawal lock solenoid
T16a 16-pin connector

366 Earth connection 1, in main wiring harness

369 Earth connection 4, in main wiring harness

639 Earth point, left A-pillar



ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
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or = orange
rs = pink

Onboard supply control unit

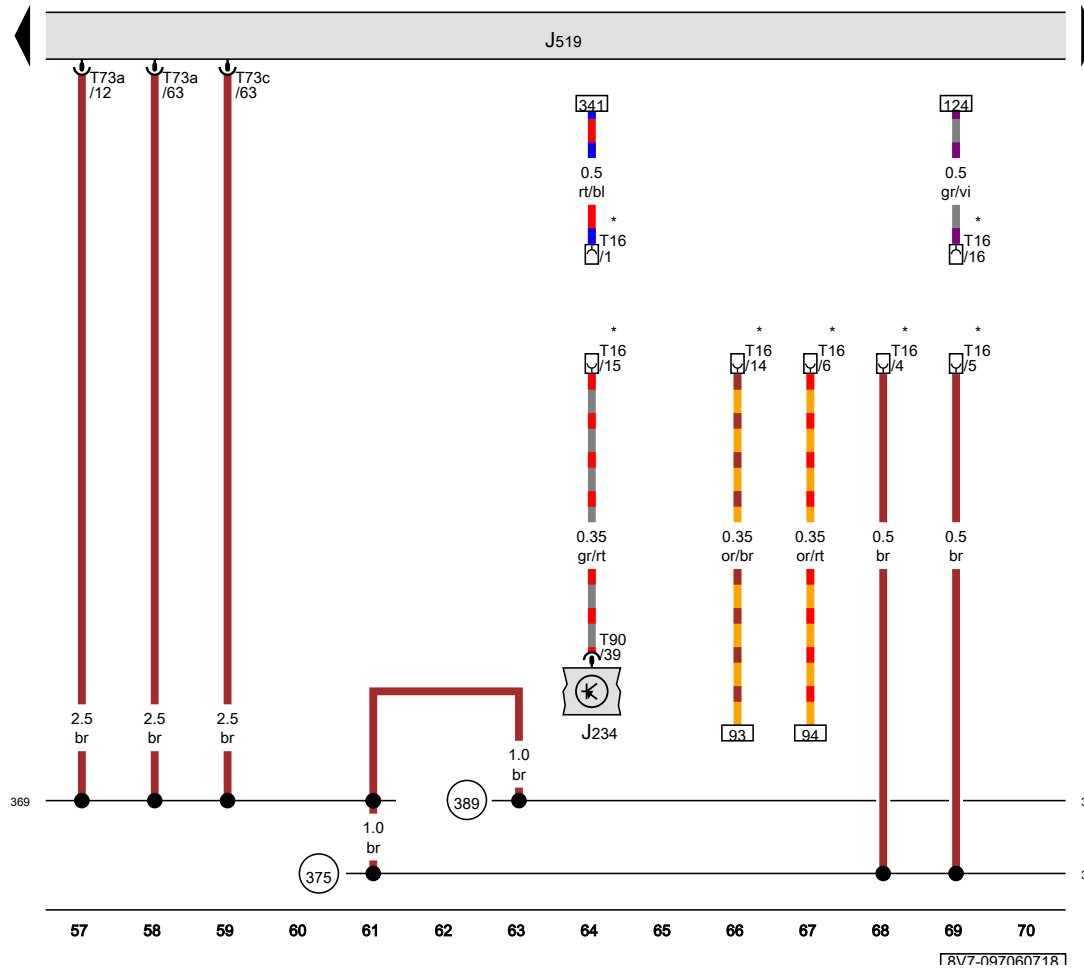
- J234 Airbag control unit
- J519 Onboard supply control unit
- T16 16-pin connector
- T73a 73-pin connector
- T73c 73-pin connector
- T90 90-pin connector

369 Earth connection 4, in main wiring harness

375 Earth connection 10, in main wiring harness

389 Earth connection 24, in main wiring harness

* Diagnostic connection



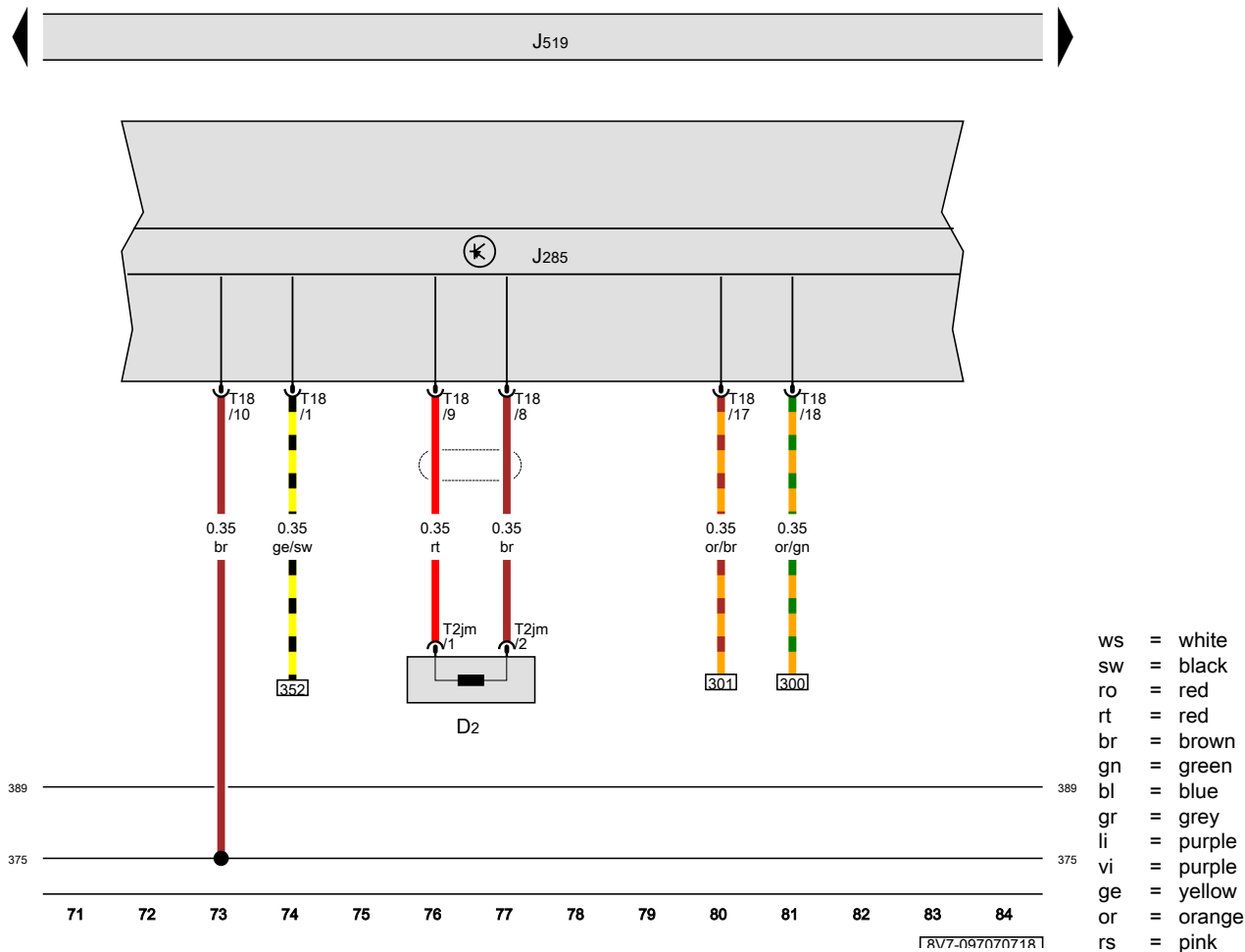
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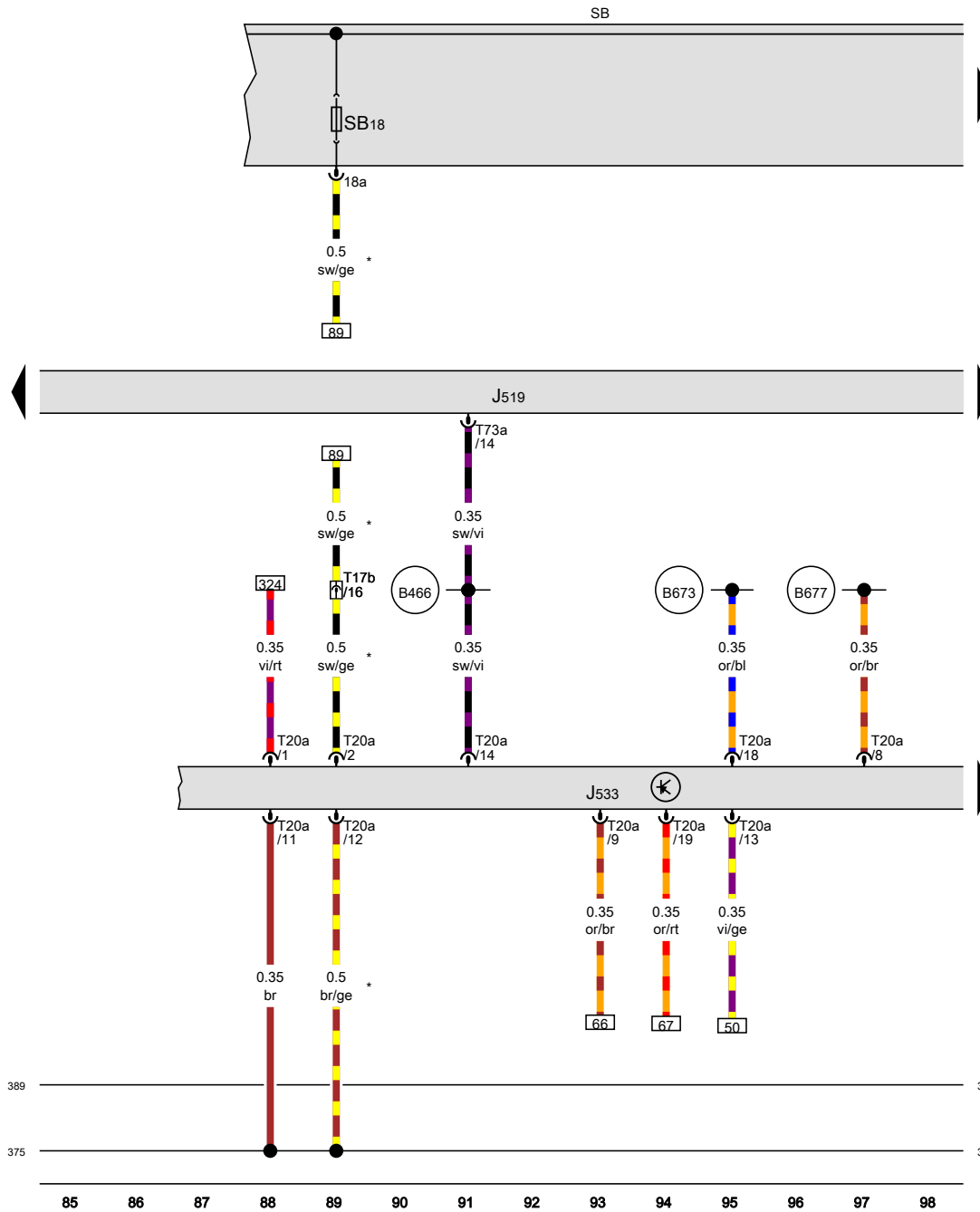
Control unit in dash panel insert, Onboard supply control unit

- D2 Immobiliser reader coil
- J285 Control unit in dash panel insert
- J519 Onboard supply control unit
- T2jm 2-pin connector
- T18 18-pin connector

375 Earth connection 10, in main wiring harness

389 Earth connection 24, in main wiring harness





Onboard supply control unit, Data bus diagnostic interface

- J519 Onboard supply control unit
- J533 Data bus diagnostic interface
- SB Fuse holder B
- SB18 Fuse 18 on fuse holder B
- T17b 17-pin connector
- T20a 20-pin connector
- T73a 73-pin connector

375 Earth connection 10, in main wiring harness

389 Earth connection 24, in main wiring harness

B466 Connection 2, in main wiring harness

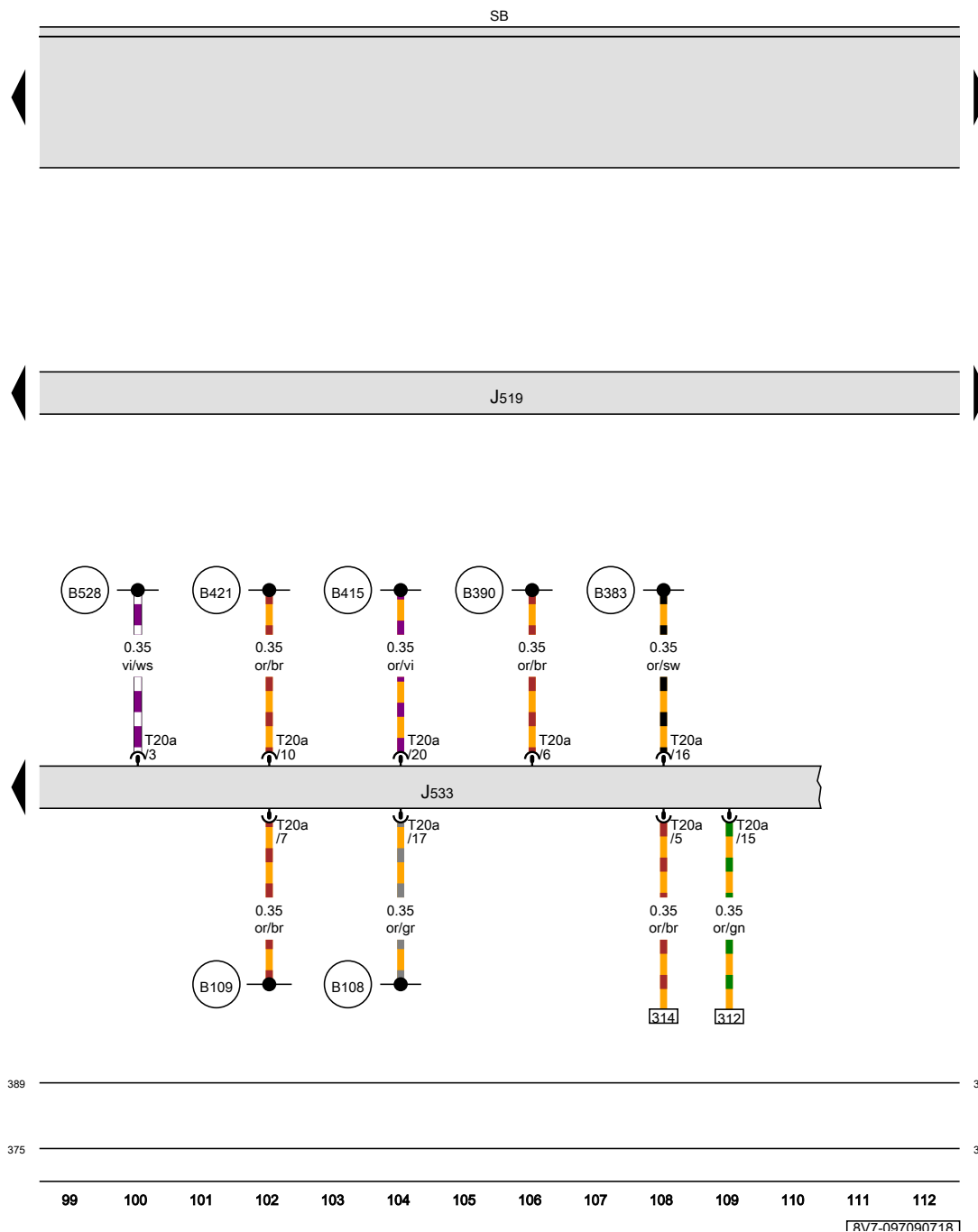
B673 Connection 2 (running gear/dash panel insert CAN bus, high), in main wiring harness

B677 Connection 2 (running gear/dash panel insert CAN bus, low), in main wiring harness

* For models with no start/stop system

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- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

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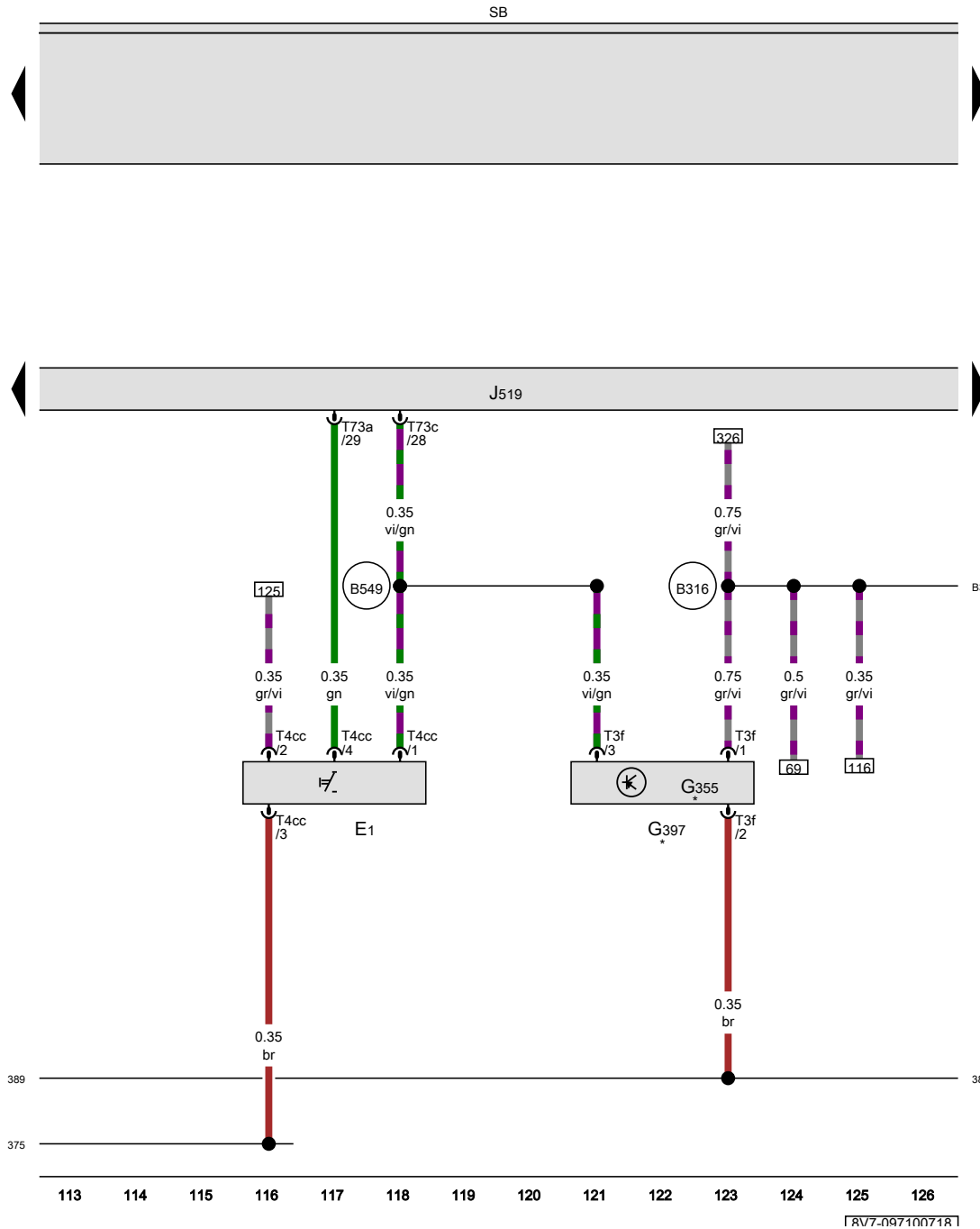


Onboard supply control unit, Data bus diagnostic interface

J519 Onboard supply control unit
J533 Data bus diagnostic interface
SB Fuse holder B
T20a 20-pin connector

- 375 Earth connection 10, in main wiring harness
- 389 Earth connection 24, in main wiring harness
- B108 Connection 1 (CAN bus extended high), in main wiring harness
- B109 Connection 1 (CAN bus extended low), in main wiring harness
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- B415 Connection 1 (infotainment CAN bus, high), in main wiring harness
- B421 Connection 1 (infotainment CAN bus, low), in main wiring harness
- B528 Connection 1 (LIN bus) in main wiring harness

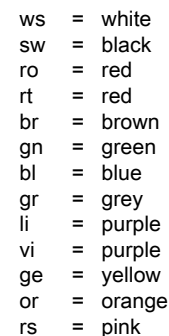
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Light switch, Rain and light sensor, Onboard supply control unit

- E1 Light switch
- G355 Humidity sender
- G397 Rain and light sensor
- J519 Onboard supply control unit
- SB Fuse holder B
- T3f 3-pin connector
- T4cc 4-pin connector
- T73a 73-pin connector
- T73c 73-pin connector

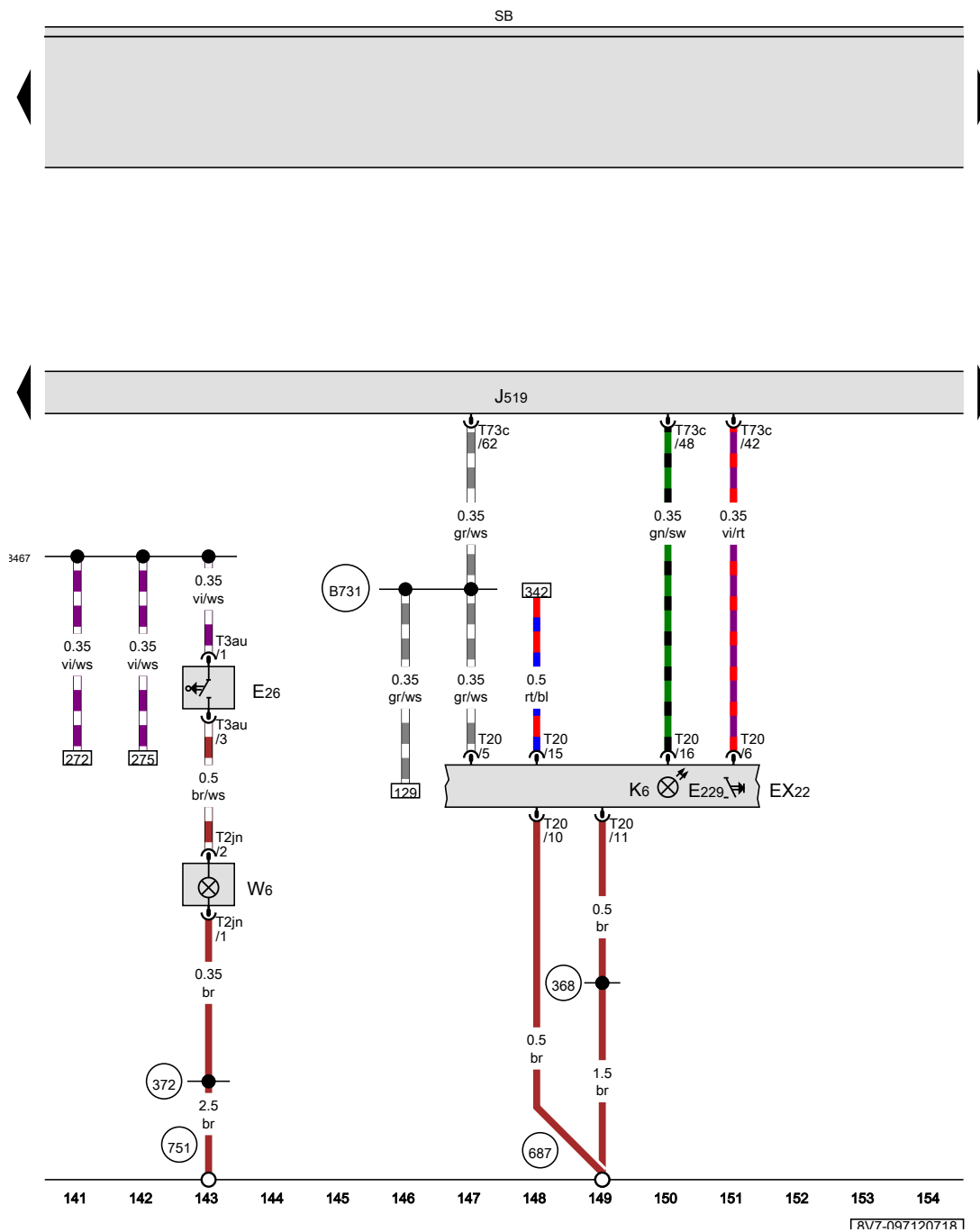
- 375 Earth connection 10, in main wiring harness
- 389 Earth connection 24, in main wiring harness
- B316 Positive connection 2 (30a) in main wiring harness
- B549 Connection 2 (LIN bus) in main wiring harness
- * According to equipment



389 Earth connection 24, in main wiring harness

B316 Positive connection 2 (30a) in main wiring harness

B467 Connection 3, in main wiring harness

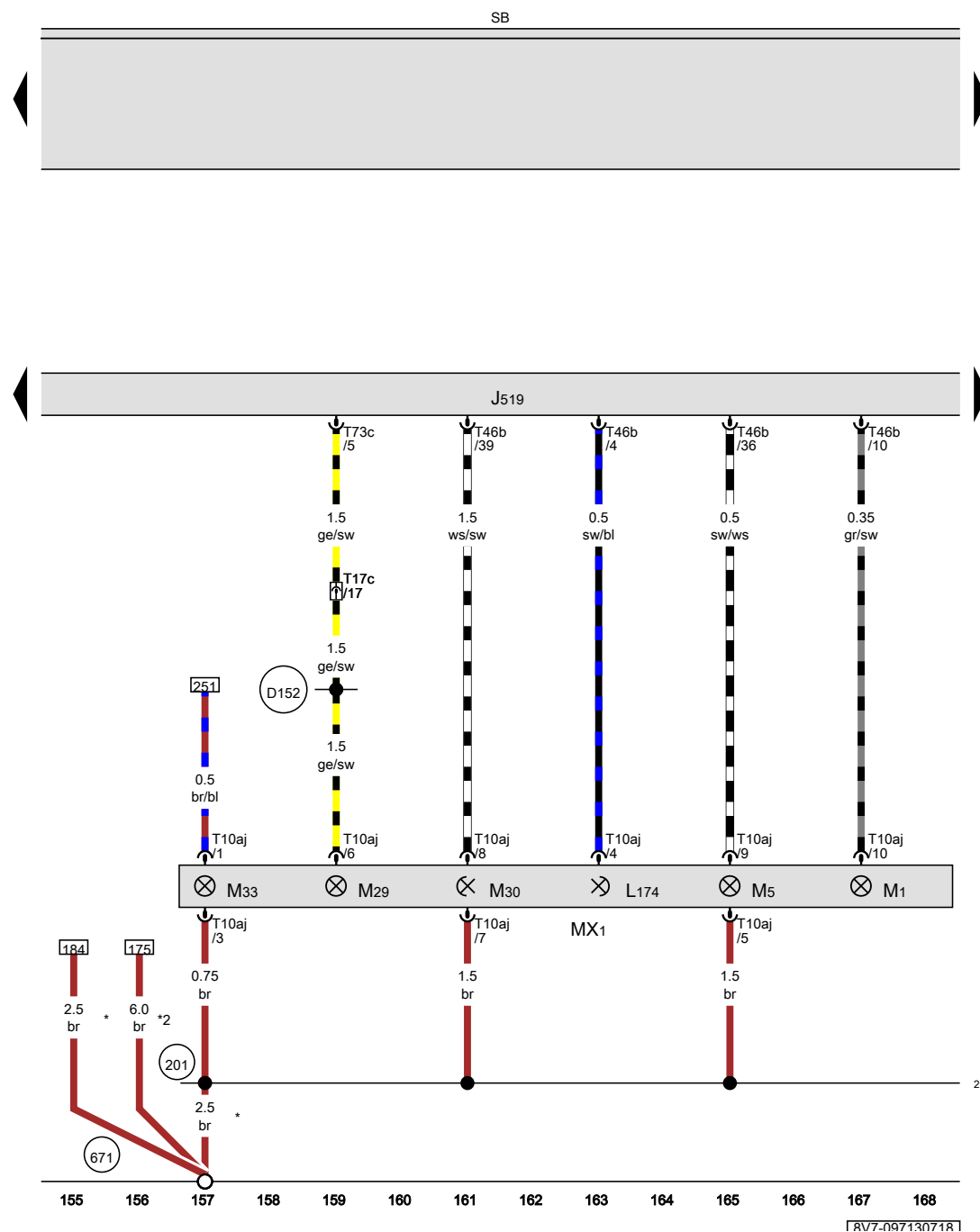


Centre switch module in dash panel, Glove compartment light switch, Hazard warning lights button, Onboard supply control unit, Glove compartment light

- EX22 Centre switch module in dash panel
- E26 Glove compartment light switch
- E229 Hazard warning lights button
- J519 Onboard supply control unit
- K6 Indicator lamp for hazard warning light
- SB Fuse holder B
- T2jn 2-pin connector
- T3au 3-pin connector
- T20 20-pin connector
- T73c 73-pin connector
- W6 Glove compartment light

- 368 Earth connection 3, in main wiring harness
- 372 Earth connection 7, in main wiring harness
- 687 Earth point 1, on centre tunnel
- 751 Earth point 2, on right A-pillar
- B467 Connection 3, in main wiring harness
- B731 Connection 1 (58s), in main wiring harness

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
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 or = orange
 rs = pink



Onboard supply control unit, Left daytime running light bulb, Front left headlight, Left side light bulb, Front left turn signal bulb, Left headlight dipped beam bulb, Left headlight main beam bulb, Front left side marker bulb

- J519 Onboard supply control unit
- L174 Left daytime running light bulb
- MX1 Front left headlight
- M1 Left side light bulb
- M5 Front left turn signal bulb
- M29 Left headlight dipped beam bulb
- M30 Left headlight main beam bulb
- M33 Front left side marker bulb
- SB Fuse holder B
- T10aj 10-pin connector
- T17c 17-pin connector
- T46b 46-pin connector
- T73c 73-pin connector

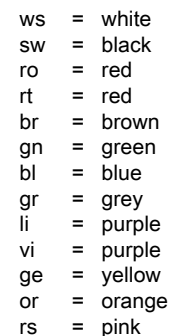
201 Earth connection 5, in engine compartment wiring harness

671 Earth point 1, on front of left longitudinal member

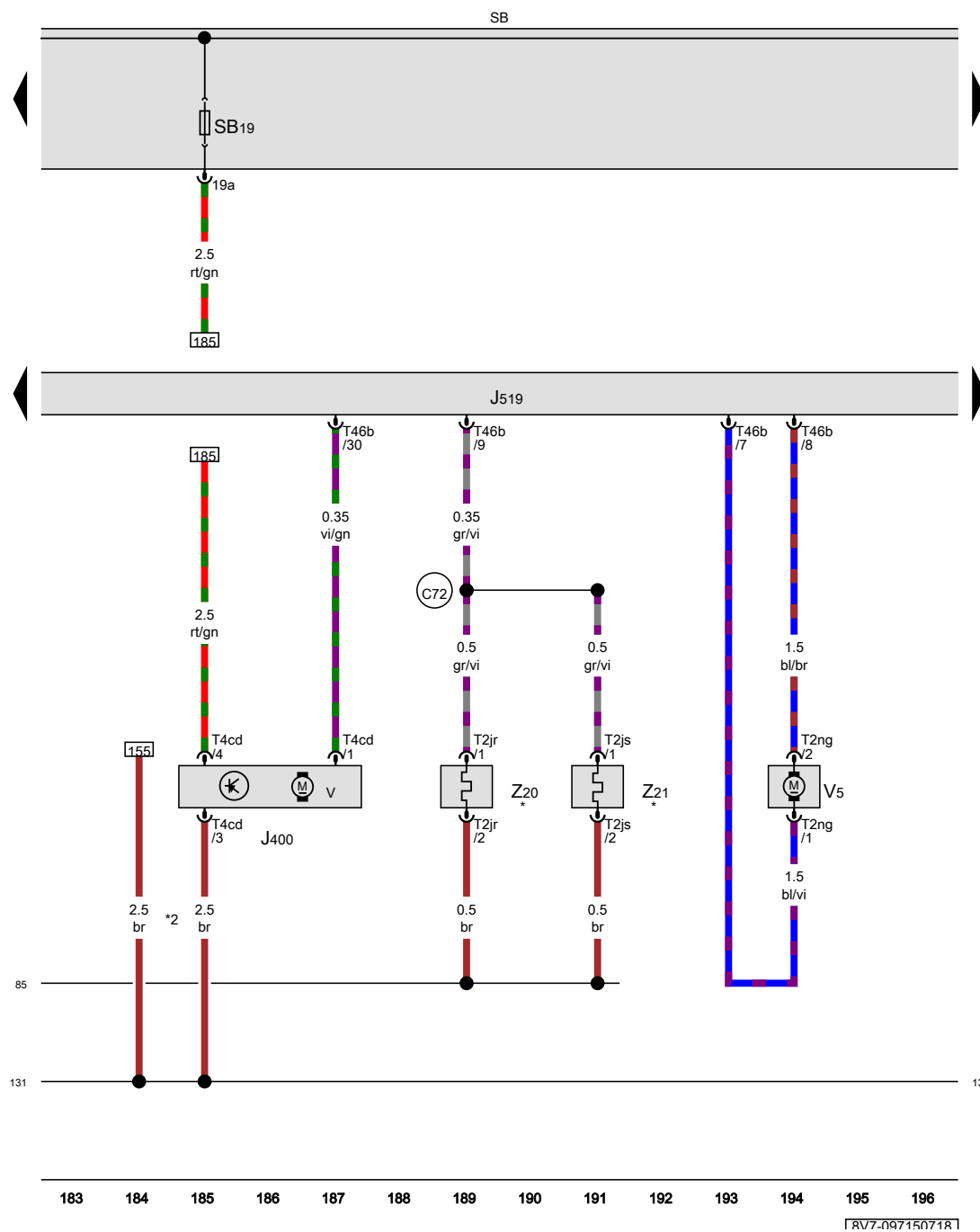
D152 Positive connection 1 (56b), in engine compartment wiring harness

* Gradually discontinued
*2 gradual introduction

ws = white
sw = black
ro = red
rt = red
br = brown
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li = purple
vi = purple
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rs = pink



- * For models with fog lights
- *2 According to equipment
- *3 gradual introduction



Wiper motor control unit, Onboard supply control unit,
Windscreen wiper motor, Washer pump, Left washer jet
heater element, Right washer jet heater element

- J400 Wiper motor control unit
- J519 Onboard supply control unit
- SB Fuse holder B
- SB19 Fuse 19 on fuse holder B
- T2jr 2-pin connector
- T2js 2-pin connector
- T2ng 2-pin connector
- T4cd 4-pin connector
- T46b 46-pin connector
- V Windscreen wiper motor
- V5 Washer pump
- Z20 Left washer jet heater element
- Z21 Right washer jet heater element

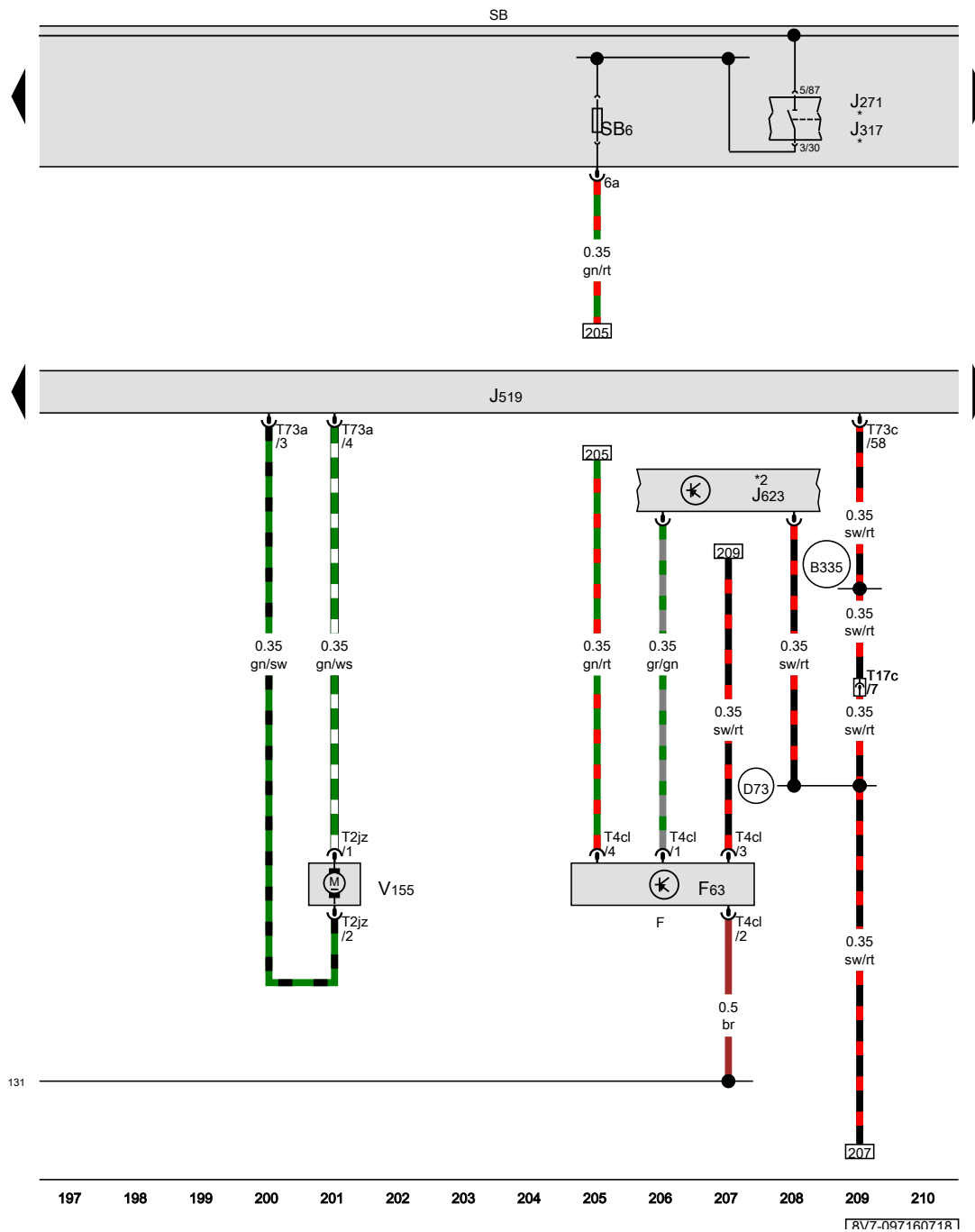
85 Earth connection 1, in engine compartment wiring harness

131 Earth connection 2, in engine compartment wiring harness

C72 Positive connection in heated washer jet wiring harness

* For models with heater element for washer jets
*2 Gradually discontinued

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink



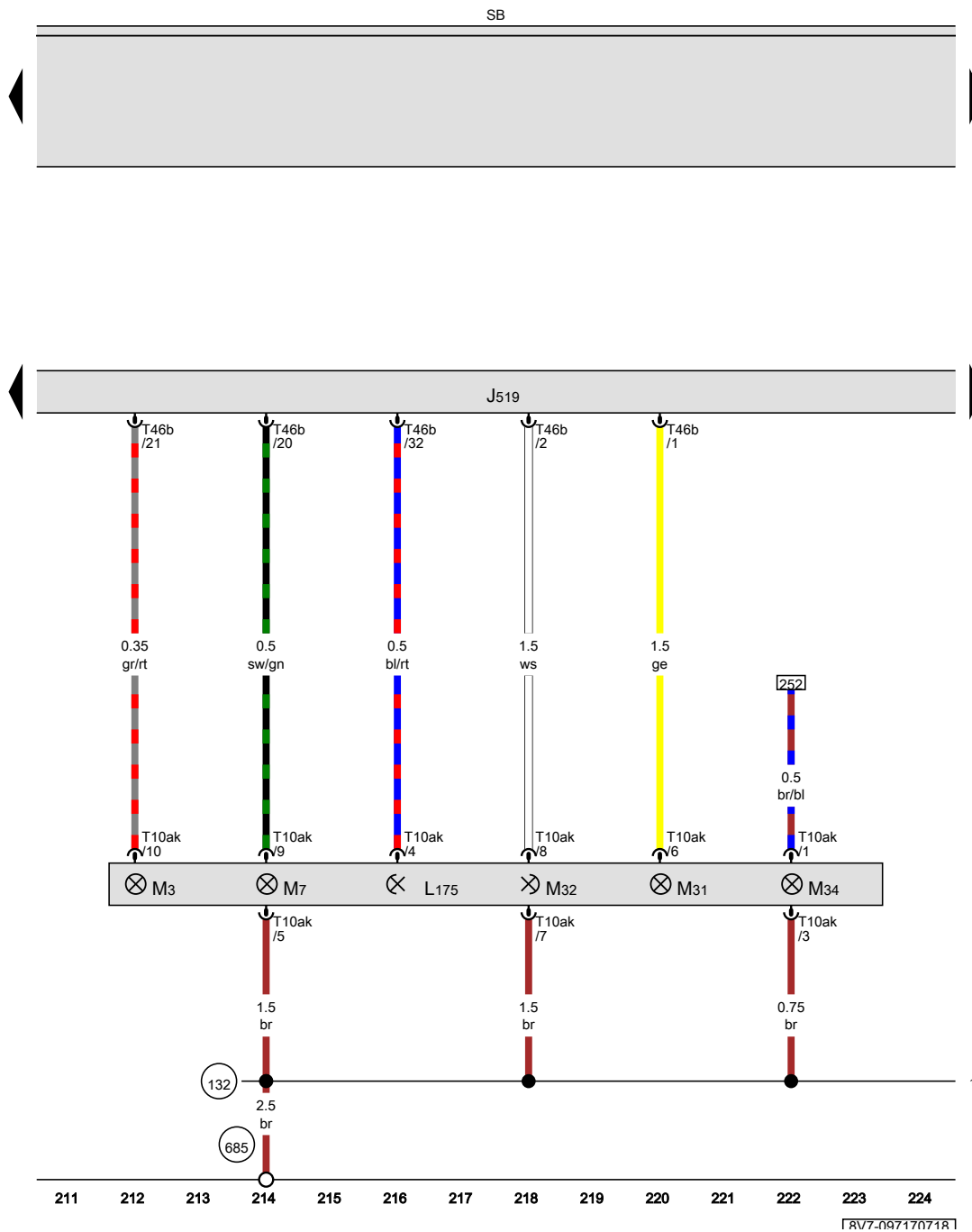
Brake light switch, Onboard supply control unit, Tank filler flap locking motor

- F Brake light switch
- F63 Brake pedal switch
- J271 Main relay
- J317 Terminal 30 voltage supply relay
- J519 Onboard supply control unit
- J623 Engine/motor control unit
- SB Fuse holder B
- SB6 Fuse 6 on fuse holder B
- T2jz 2-pin connector
- T4cl 4-pin connector
- T17c 17-pin connector
- T73a 73-pin connector
- T73c 73-pin connector
- V155 Tank filler flap locking motor

- 131 Earth connection 2, in engine compartment wiring harness
- B335 Connection 1 (54), in main wiring harness
- D73 Positive connection (54), in engine compartment wiring harness

* According to equipment
*2 see applicable current flow diagram for engine

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

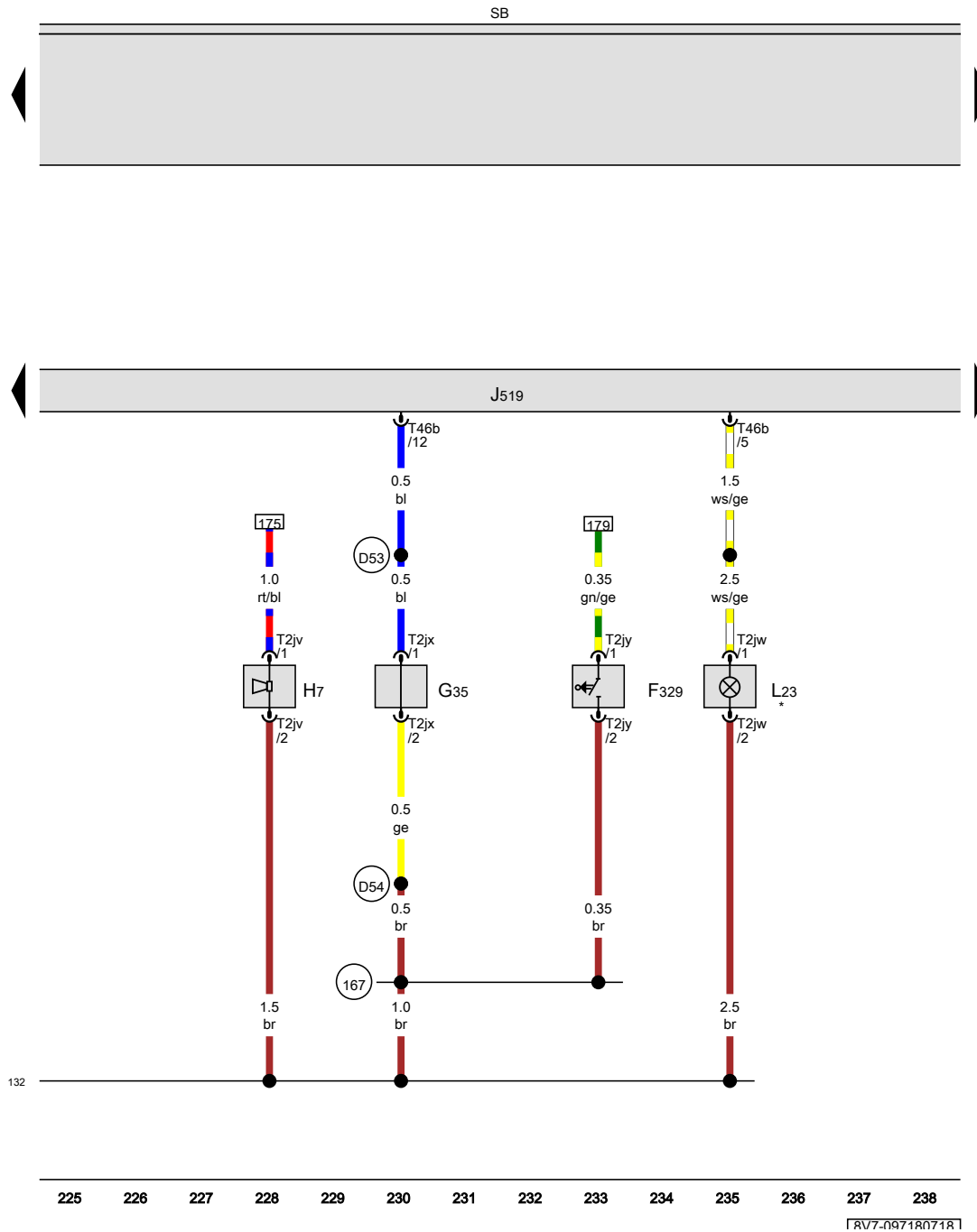


Onboard supply control unit, Right daytime running light bulb, Right side light bulb, Front right turn signal bulb, Right headlight dipped beam bulb, Right headlight main beam bulb, Front right side marker bulb

- J519 Onboard supply control unit
- L175 Right daytime running light bulb
- M3 Right side light bulb
- M7 Front right turn signal bulb
- M31 Right headlight dipped beam bulb
- M32 Right headlight main beam bulb
- M34 Front right side marker bulb
- SB Fuse holder B
- T10ak 10-pin connector
- T46b 46-pin connector

- 132 Earth connection 3, in engine compartment wiring harness
- 685 Earth point 1, on front of right longitudinal member

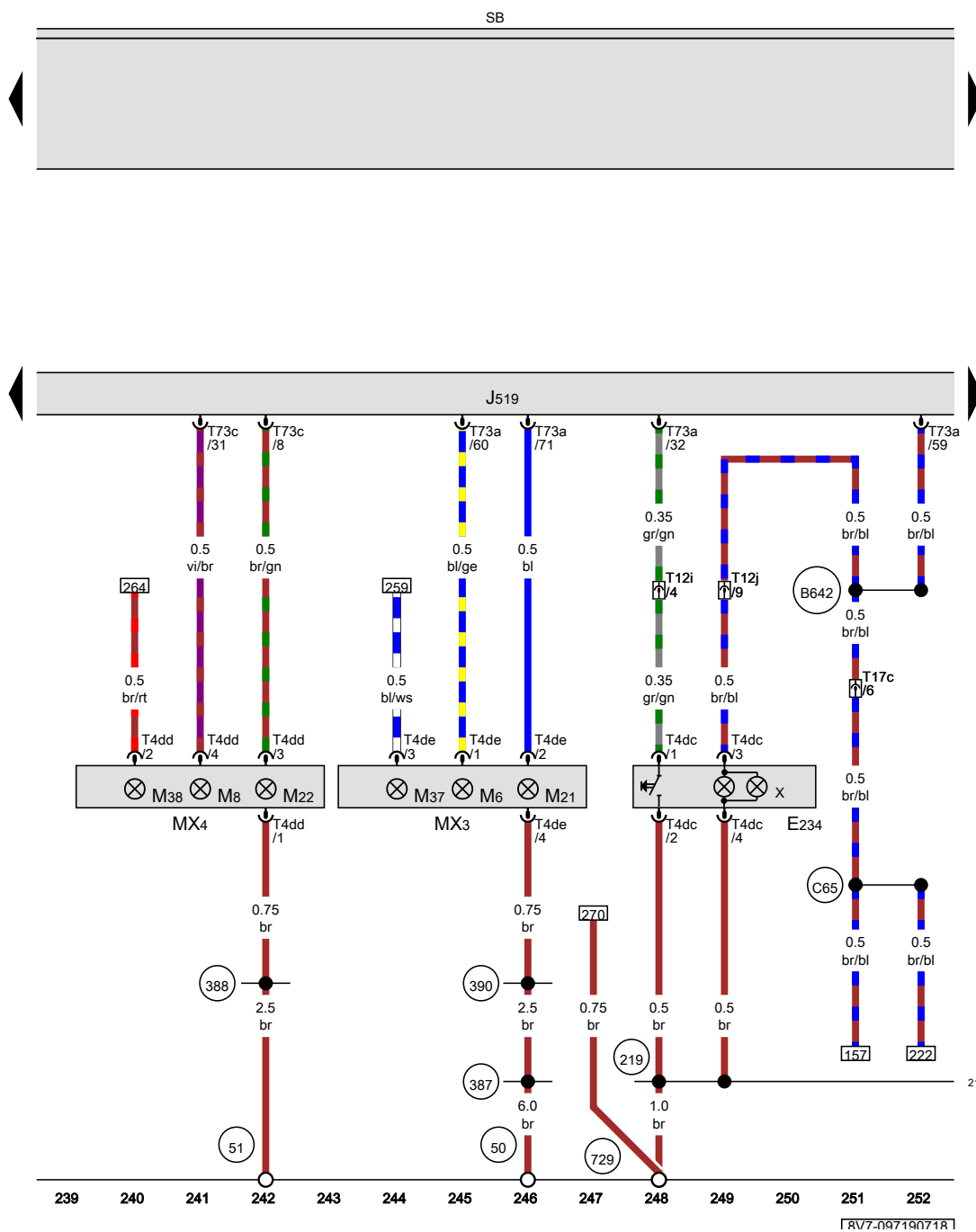
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Bonnet contact switch 2, Front right brake pad wear sender, Bass horn, Onboard supply control unit, Right fog light bulb

- F329 Bonnet contact switch 2
- G35 Front right brake pad wear sender
- H7 Bass horn
- J519 Onboard supply control unit
- L23 Right fog light bulb
- SB Fuse holder B
- T2jv 2-pin connector
- T2jw 2-pin connector
- T2jx 2-pin connector
- T2jy 2-pin connector
- T46b 46-pin connector

- 132 Earth connection 3, in engine compartment wiring harness
- 167 Earth connection 4, in engine compartment wiring harness
- D53 Connection (right brake wear indicator), in engine compartment wiring harness
- D54 Connection (right brake wear indicator), in engine compartment wiring harness
- * For models with fog lights

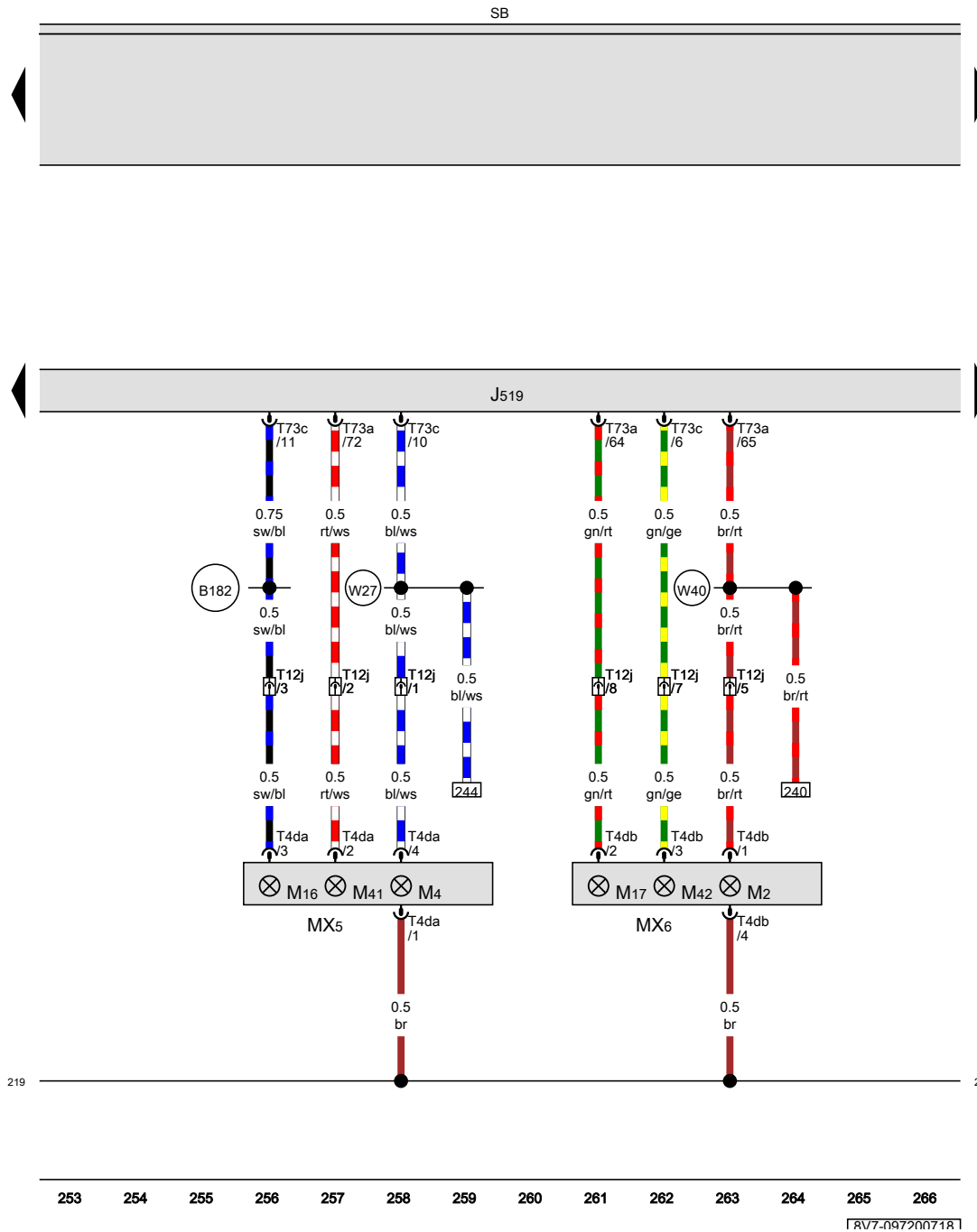


Rear lid handle release button, Onboard supply control unit, Rear left turn signal bulb, Rear right turn signal bulb, Left brake and tail light bulb, Right brake and tail light bulb, Rear left side marker bulb, Rear right side marker bulb, Number plate light

- E234 Rear lid handle release button
- J519 Onboard supply control unit
- MX3 Left tail light
- MX4 Right tail light
- M6 Rear left turn signal bulb
- M8 Rear right turn signal bulb
- M21 Left brake and tail light bulb
- M22 Right brake and tail light bulb
- M37 Rear left side marker bulb
- M38 Rear right side marker bulb
- SB Fuse holder B
- T4dc 4-pin connector
- T4dd 4-pin connector
- T4de 4-pin connector
- T12i 12-pin connector
- T12j 12-pin connector
- T17c 17-pin connector
- T73a 73-pin connector
- T73c 73-pin connector
- X Number plate light

- 50 Earth point, on left in luggage compartment
- 51 Earth point, on right in luggage compartment
- 219 Earth connection 2, in rear lid wiring harness
- 387 Earth connection 22, in main wiring harness
- 388 Earth connection 23, in main wiring harness
- 390 Earth connection 25, in main wiring harness
- 729 Earth point, on left rear wheel housing
- B642 Positive connection (58), in main wiring harness
- C65 Positive connection 1, in side marker light wiring harness

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

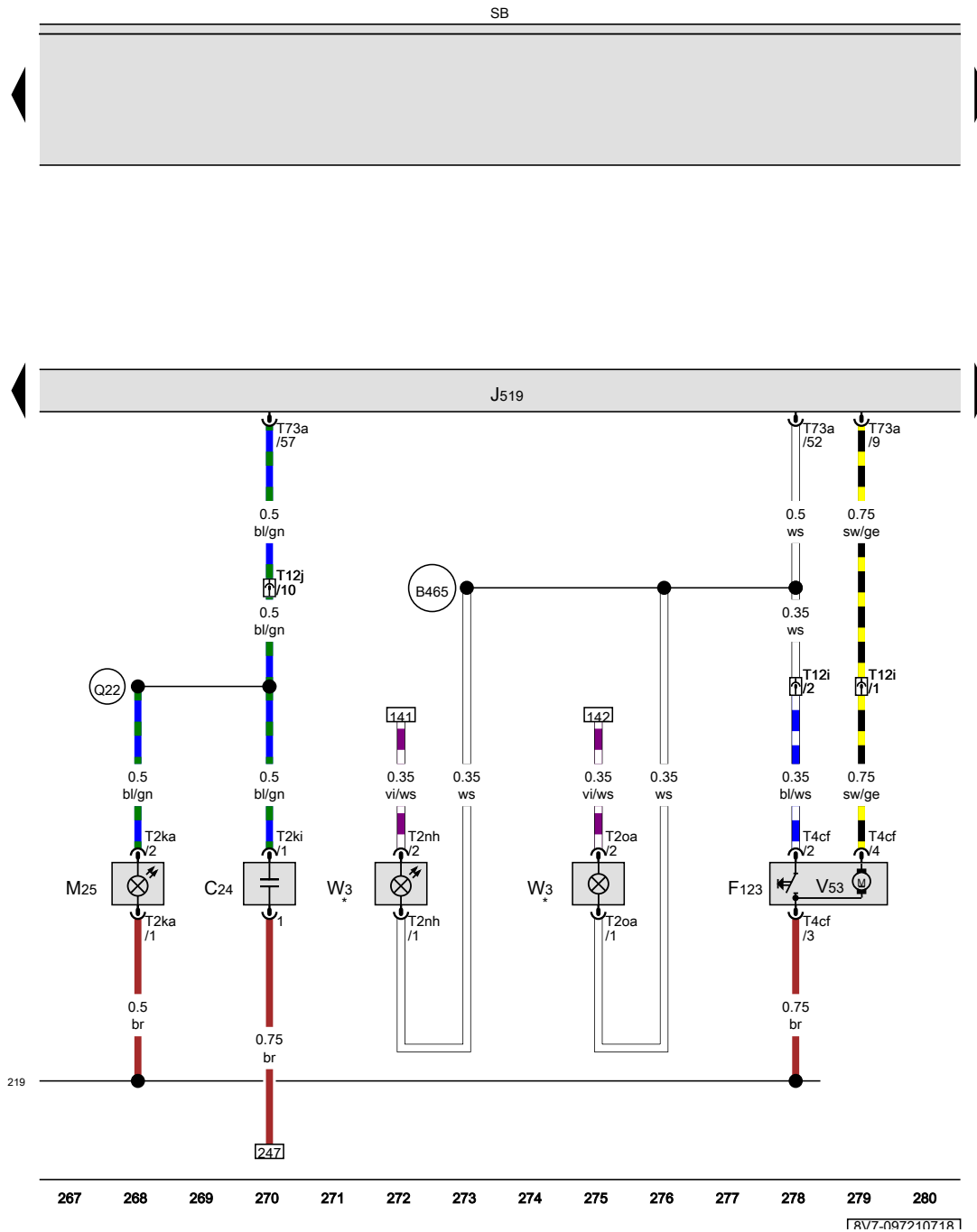


Onboard supply control unit, Right tail light bulb, Left tail light bulb, Left reversing light bulb, Right reversing light bulb, Left tail light and rear fog light bulb, Right tail light and rear fog light bulb

- J519 Onboard supply control unit
- M2 Right tail light bulb
- M4 Left tail light bulb
- MX5 Left tail light 2
- MX6 Right tail light 2
- M16 Left reversing light bulb
- M17 Right reversing light bulb
- M41 Left tail light and rear fog light bulb
- M42 Right tail light and rear fog light bulb
- SB Fuse holder B
- T4da 4-pin connector
- T4db 4-pin connector
- T12j 12-pin connector
- T73a 73-pin connector
- T73c 73-pin connector

- 219 Earth connection 2, in rear lid wiring harness
- B182 Connection (RL), in interior wiring harness
- W27 Positive connection (58), in tail light wiring harness
- W40 Positive connection 2 (58), in tail lights wiring harness

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
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 li = purple
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 ge = yellow
 or = orange
 rs = pink



Rear lid contact switch for anti-theft alarm, Onboard supply control unit, High-level brake light bulb, Rear lid central locking motor

- C24 Suppression filter
- F123 Rear lid contact switch for anti-theft alarm
- J519 Onboard supply control unit
- M25 High-level brake light bulb
- SB Fuse holder B
- T2ka 2-pin connector
- T2ki 2-pin connector
- T2nh 2-pin connector
- T2oa 2-pin connector
- T4cf 4-pin connector
- T12i 12-pin connector
- T12j 12-pin connector
- T73a 73-pin connector
- V53 Rear lid central locking motor
- W3 Luggage compartment light

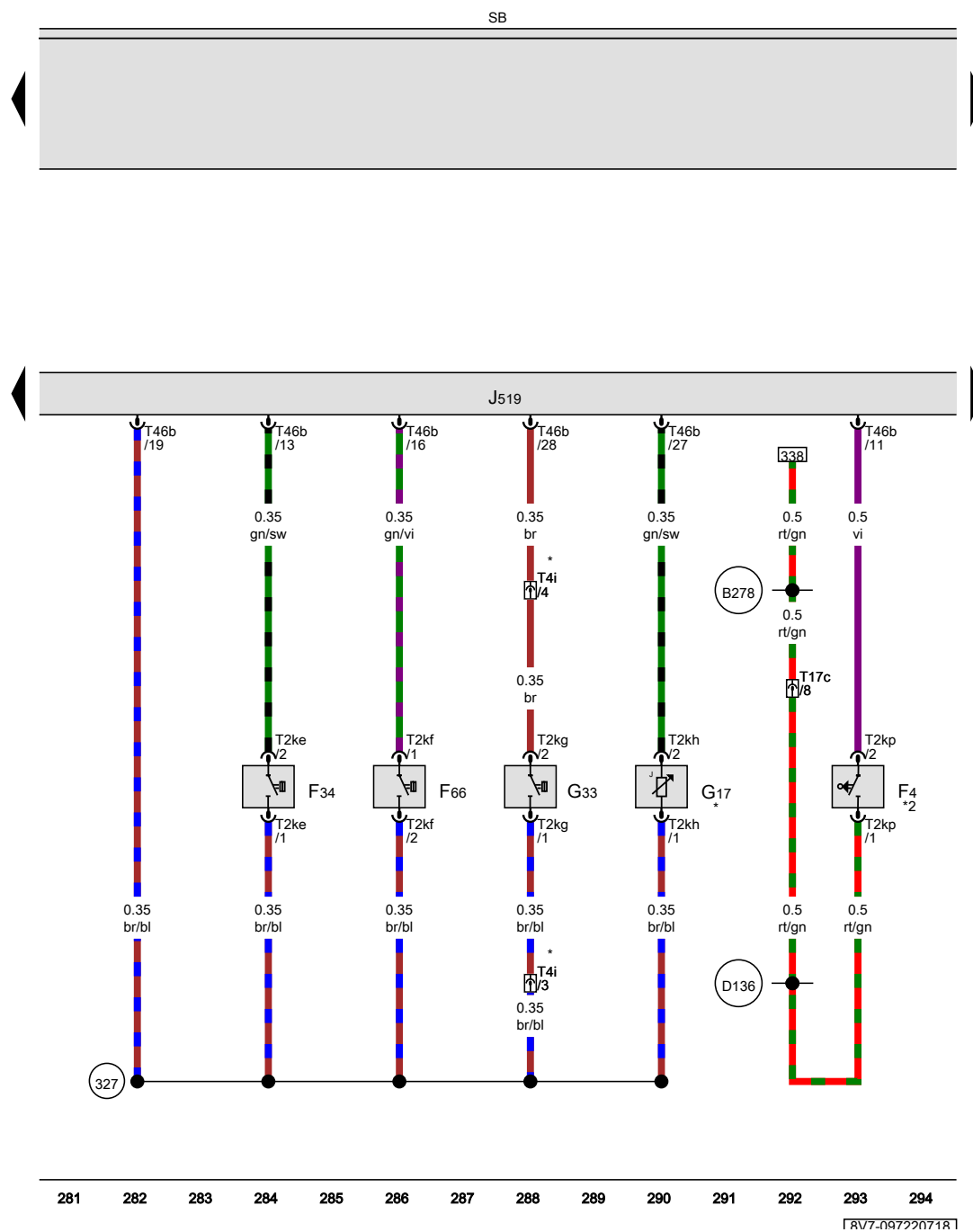
219 Earth connection 2, in rear lid wiring harness

B465 Connection 1, in main wiring harness

Q22 Connection 1, in rear lid wiring harness

* According to equipment

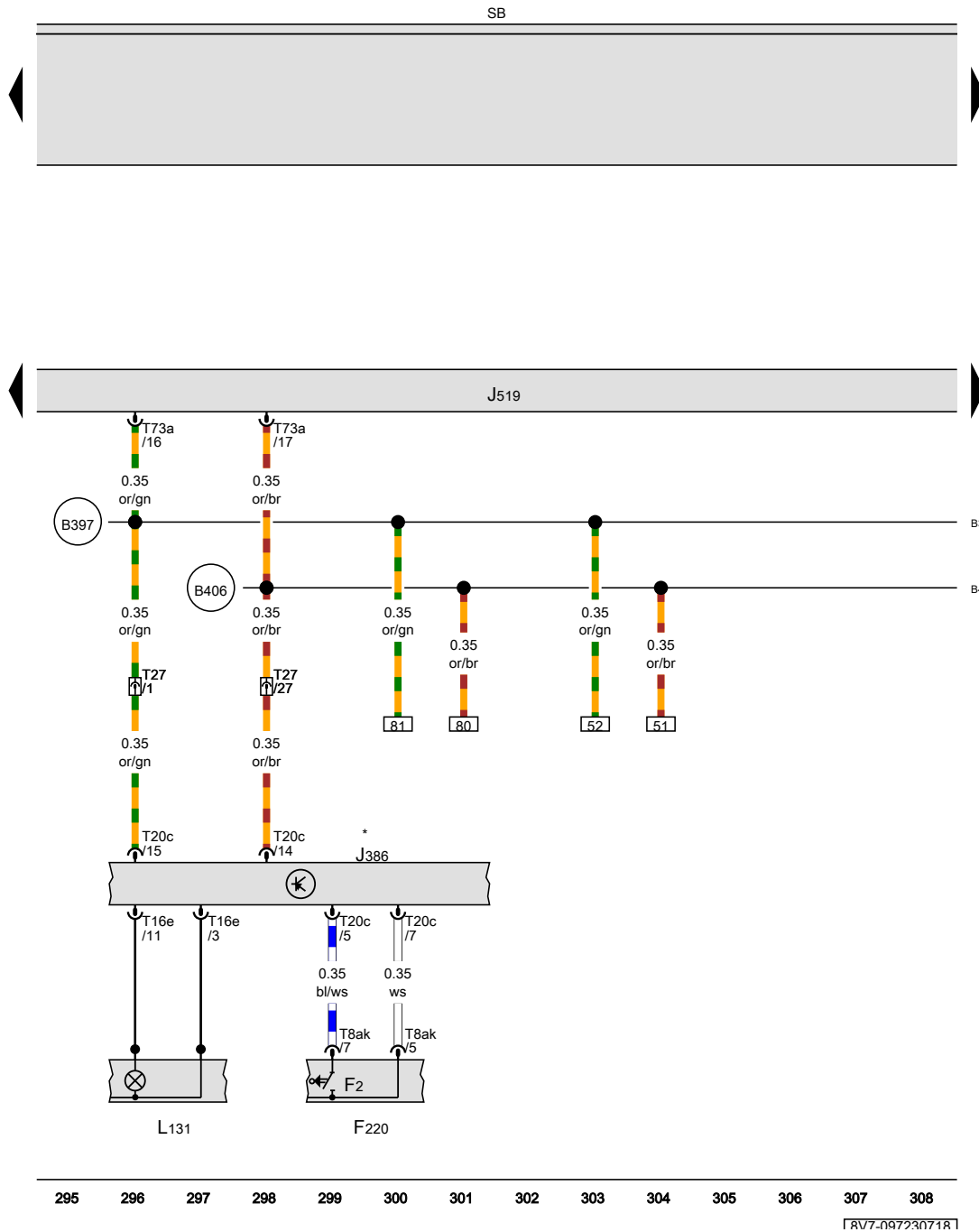
ws = white
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 gr = grey
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 vi = purple
 ge = yellow
 or = orange
 rs = pink



Reversing light switch, Brake fluid level warning contact, Coolant shortage indicator switch, Ambient temperature sensor, Windscreen washer fluid level sender, Onboard supply control unit

- F4 Reversing light switch
- F34 Brake fluid level warning contact
- F66 Coolant shortage indicator switch
- G17 Ambient temperature sensor
- G33 Windscreen washer fluid level sender
- J519 Onboard supply control unit
- SB Fuse holder B
- T2ke 2-pin connector
- T2kf 2-pin connector
- T2kg 2-pin connector
- T2kh 2-pin connector
- T2kp 2-pin connector
- T4i 4-pin connector
- T17c 17-pin connector
- T46b 46-pin connector

- 327 Earth connection (sender earth), in engine compartment wiring harness
- B278 Positive connection 2 (15a) in main wiring harness
- D136 Positive connection 2 (15a), in engine compartment wiring harness
- * According to equipment
- *2 For models with manual gearbox



Driver side central locking lock unit, Driver door control unit, Onboard supply control unit, Driver side turn signal repeater bulb

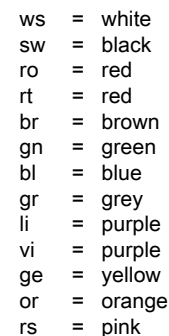
- F2 Driver door contact switch
- F220 Driver side central locking lock unit
- J386 Driver door control unit
- J519 Onboard supply control unit
- L131 Driver side turn signal repeater bulb
- SB Fuse holder B
- T8ak 8-pin connector
- T16e 16-pin connector
- T20c 20-pin connector
- T27 27-pin connector, on left A-pillar
- T73a 73-pin connector

B397 Connection 1 (convenience CAN bus, high), in main wiring harness

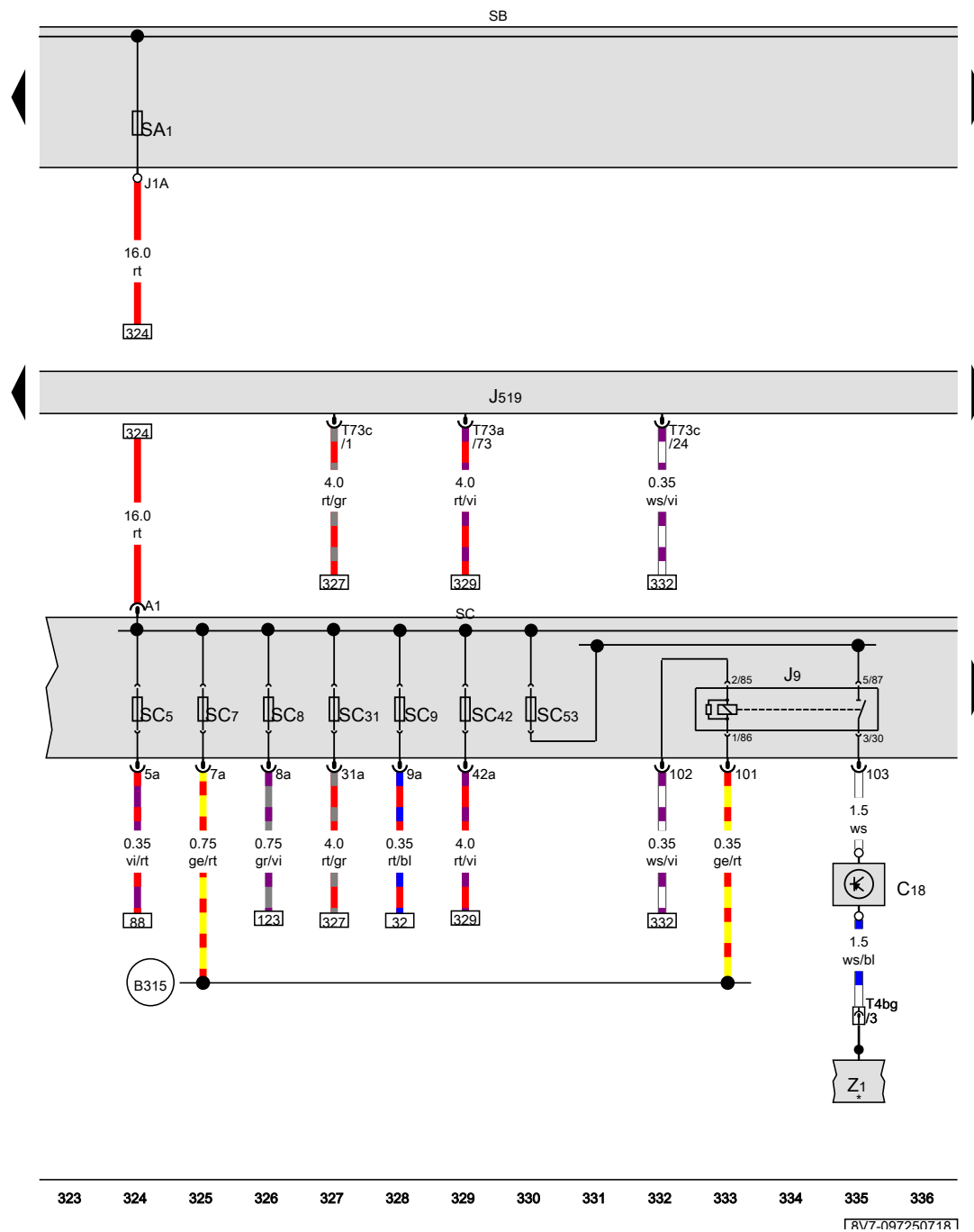
B406 Connection 1 (convenience CAN bus, low), in main wiring harness

* see applicable current flow diagram for convenience system

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



F3	Front passenger door contact switch
F221	Front passenger side central locking lock unit
J387	Front passenger door control unit
J519	Onboard supply control unit
L132	Front passenger side turn signal repeater bulb
SB	Fuse holder B
T6bn	6-pin connector
T16f	16-pin connector
T20d	20-pin connector
T27a	27-pin connector, in right A-pillar, on right A-pillar
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B398	Connection 2 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
B407	Connection 2 (convenience CAN bus, low), in main wiring harness
*	see applicable current flow diagram for convenience system



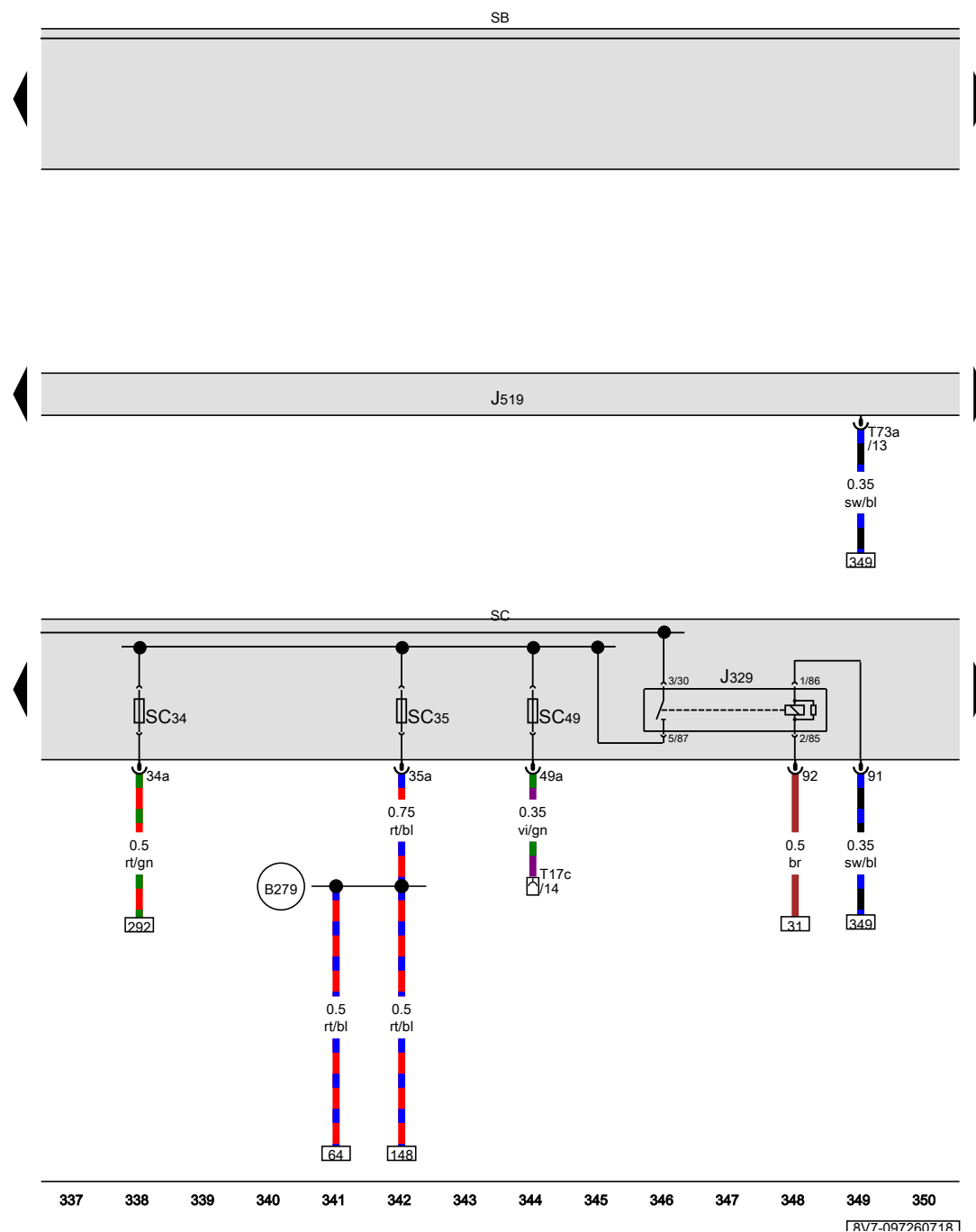
Heated rear window relay, Onboard supply control unit, Fuse holder C

- C18 Window aerial suppression filter
- J9 Heated rear window relay
- J519 Onboard supply control unit
- SA1 Fuse 1 on fuse holder A
- SB Fuse holder B
- SC Fuse holder C
- SC5 Fuse 5 on fuse holder C
- SC7 Fuse 7 on fuse holder C
- SC8 Fuse 8 on fuse holder C
- SC9 Fuse 9 on fuse holder C
- SC31 Fuse 31 on fuse holder C
- SC42 Fuse 42 on fuse holder C
- SC53 Fuse 53 on fuse holder C
- T4bg 4-pin connector
- T73a 73-pin connector
- T73c 73-pin connector
- Z1 Heated rear window

B315 Positive connection 1 (30a) in main wiring harness

* see applicable current flow diagram for convertible roof

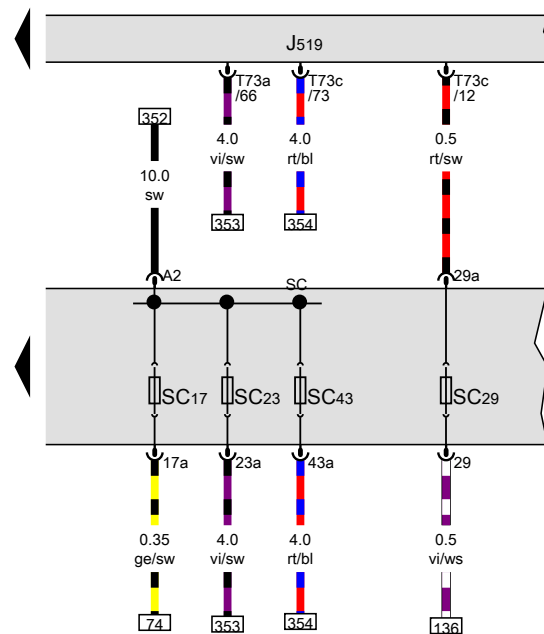
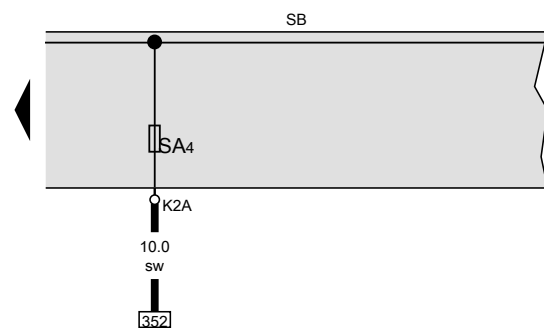
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sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink



Terminal 15 voltage supply relay, Onboard supply control unit, Fuse holder C

- J329 Terminal 15 voltage supply relay
- J519 Onboard supply control unit
- SB Fuse holder B
- SC Fuse holder C
- SC34 Fuse 34 on fuse holder C
- SC35 Fuse 35 on fuse holder C
- SC49 Fuse 49 on fuse holder C
- T17c 17-pin connector
- T73a 73-pin connector
- (B279) Positive connection 3 (15a) in main wiring harness

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink



Onboard supply control unit, Fuse holder C

- J519 Onboard supply control unit
- SA4 Fuse 4 on fuse holder A
- SB Fuse holder B
- SC Fuse holder C
- SC17 Fuse 17 on fuse holder C
- SC23 Fuse 23 on fuse holder C
- SC29 Fuse 29 on fuse holder C
- SC43 Fuse 43 on fuse holder C
- T73a 73-pin connector
- T73c 73-pin connector

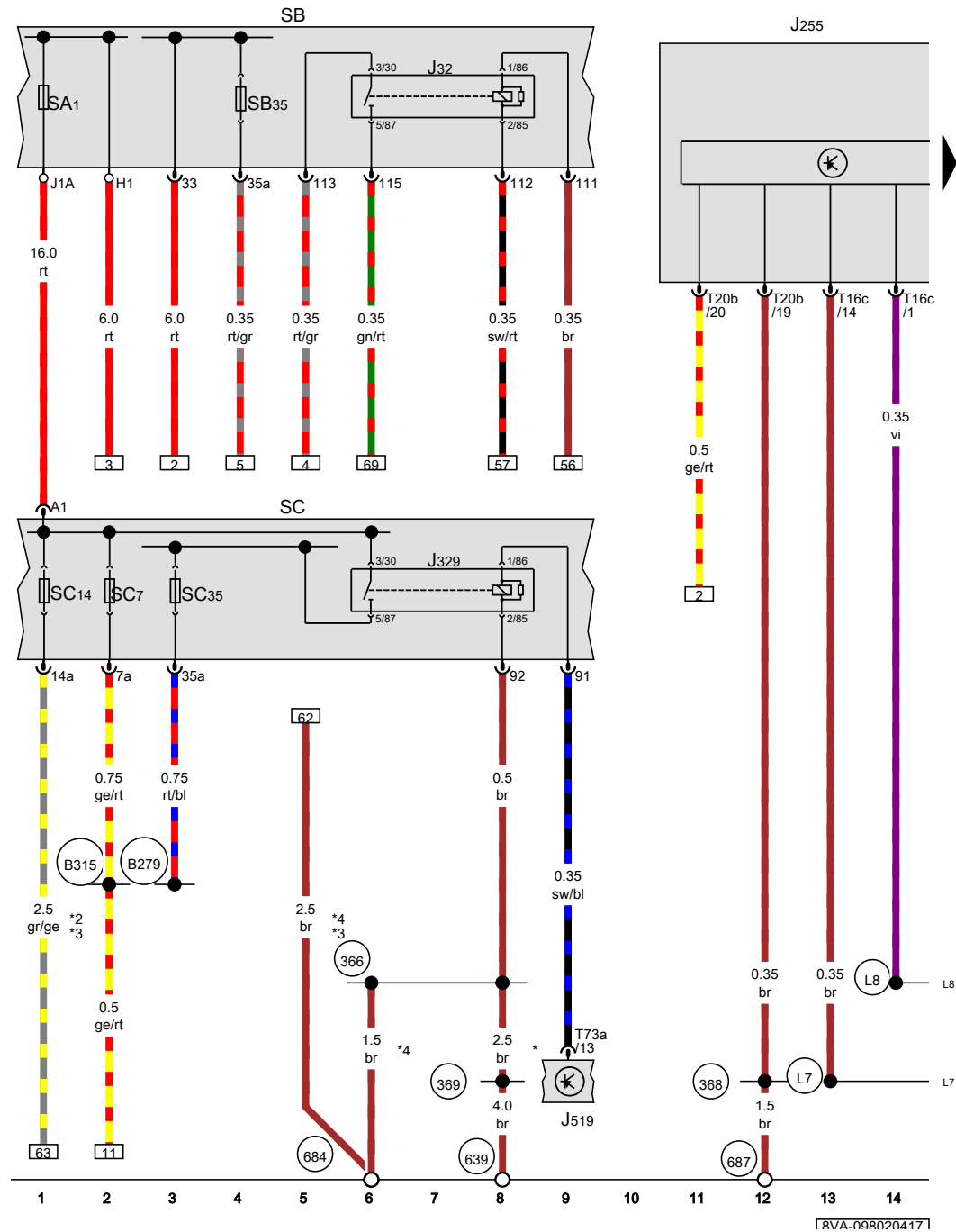
ws = white
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 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

351 352 353 354 355 356 357 358 359 360 361 362 363 364

[RV7-097270718]

Air conditioning system for models with high-voltage system , (9AK),(0K3)

From May 2014

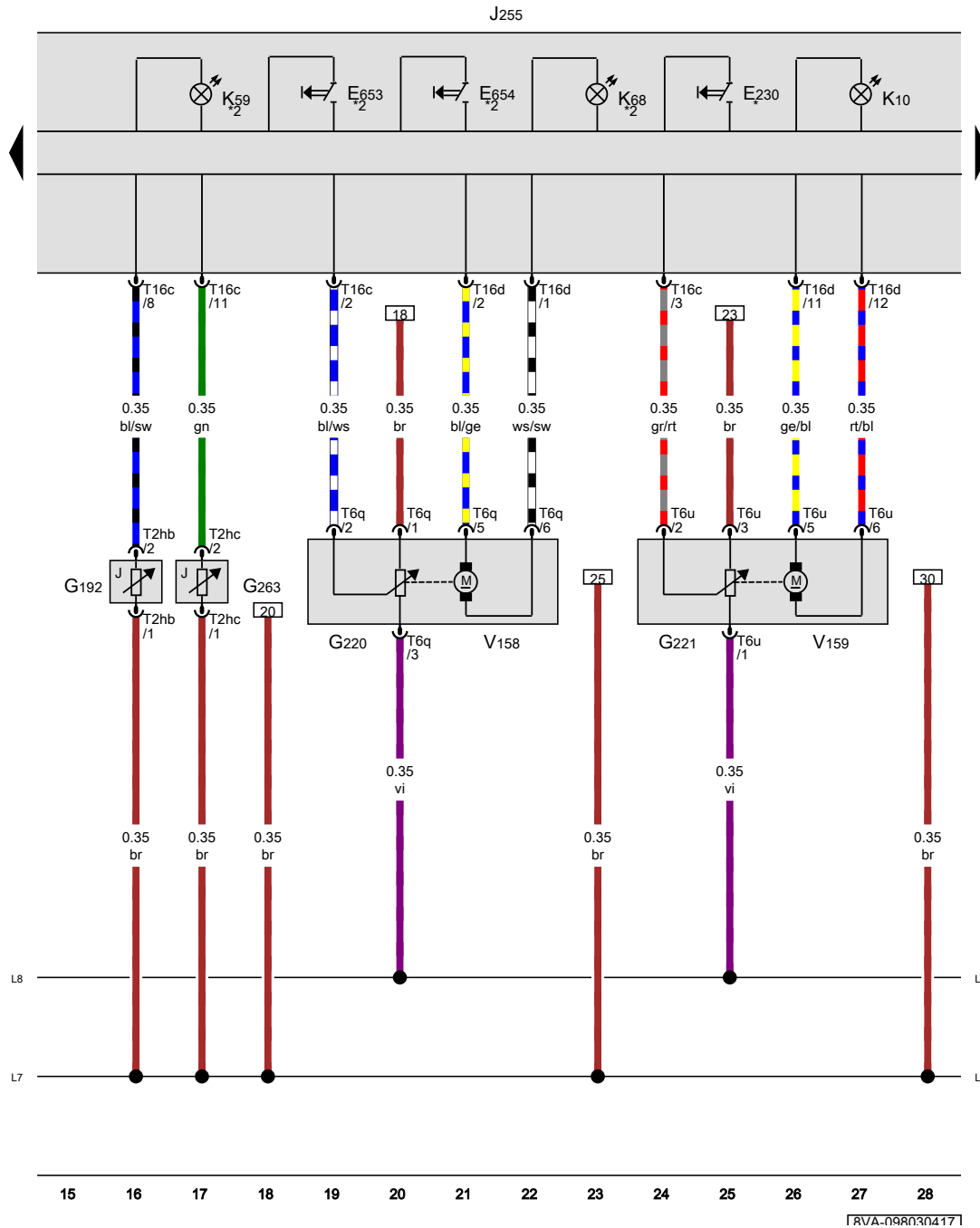


Climatronic control unit, Terminal 15 voltage supply relay, Fuse 1 on fuse holder A, Fuse holder C, Fuse 35 on fuse holder B

- J32 Air conditioning system relay
- J255 Climatronic control unit
- J329 Terminal 15 voltage supply relay
- J519 Onboard supply control unit
- SA1 Fuse 1 on fuse holder A
- SB Fuse holder B
- SC Fuse holder C
- SC7 Fuse 7 on fuse holder C
- SC14 Fuse 14 on fuse holder C
- SC35 Fuse 35 on fuse holder C
- SB35 Fuse 35 on fuse holder B
- T16c 16-pin connector
- T20b 20-pin connector
- T73a 73-pin connector

- 366 Earth connection 1, in main wiring harness
- 368 Earth connection 3, in main wiring harness
- 369 Earth connection 4, in main wiring harness
- 639 Earth point, left A-pillar
- 684 Earth point on front of left side member
- 687 Earth point 1, on centre tunnel
- B279 Positive connection 3 (15a) in main wiring harness
- B315 Positive connection 1 (30a) in main wiring harness
- L7 Connection 3, in evaporator housing unit wiring harness
- L8 Connection 4, in evaporator housing unit wiring harness

- * Only left-hand drive models
- *2 Different wire colour possible
- *3 Cross-section 4.0 possible
- *4 Only right-hand drive models



Footwell vent temperature sender, Potentiometer for left temperature flap control motor, Potentiometer for right temperature flap control motor, Evaporator output temperature sender, Climatronic control unit, Left temperature flap control motor, Right temperature flap control motor

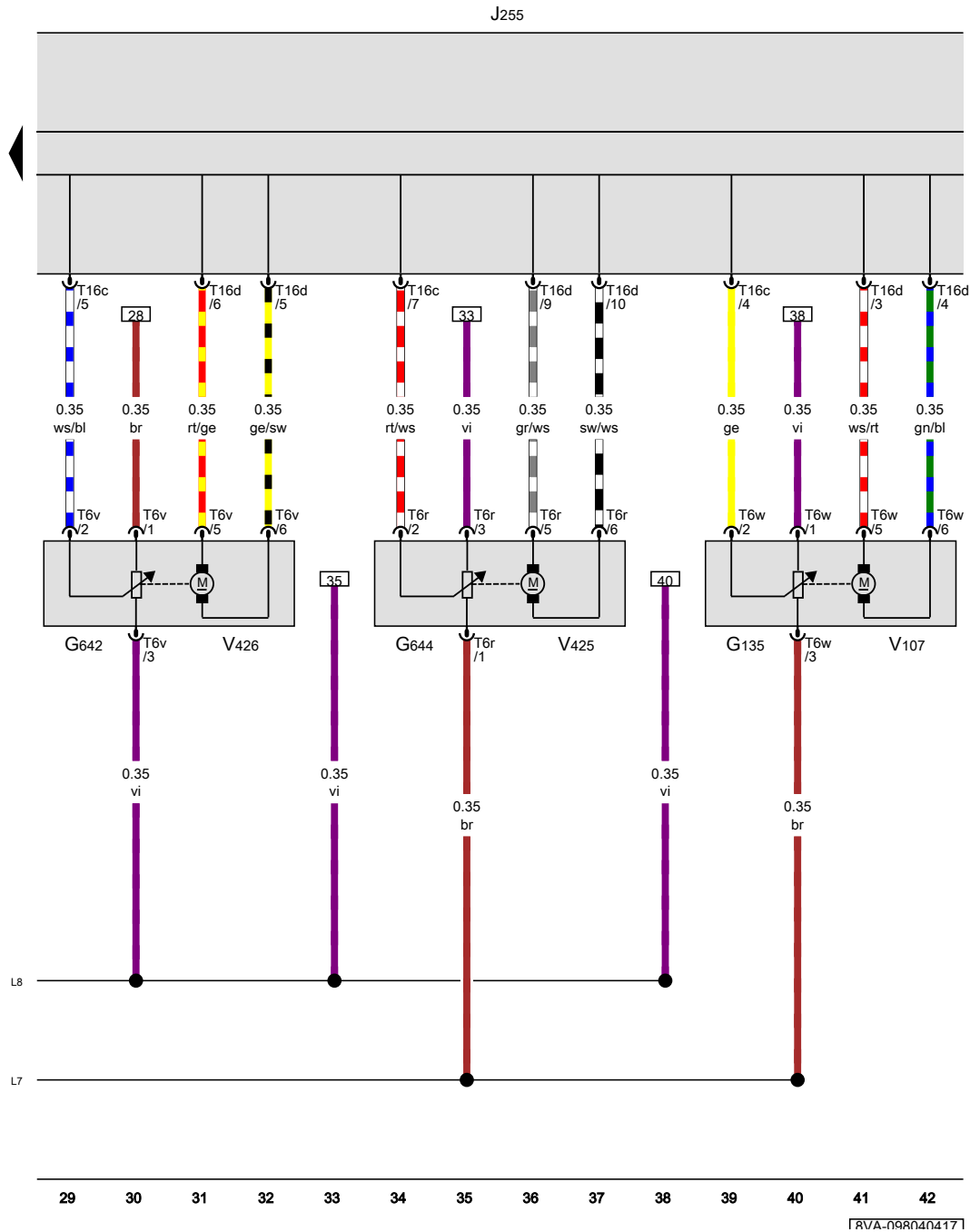
- E230 Heated rear window button
- E653 Button for left seat heating
- E654 Button for right seat heating
- G192 Footwell vent temperature sender
- G220 Potentiometer for left temperature flap control motor
- G221 Potentiometer for right temperature flap control motor
- G263 Evaporator output temperature sender
- J255 Climatronic control unit
- K10 Heated rear window warning lamp
- K59 Heated driver seat warning lamp
- K68 Heated front passenger seat warning lamp
- T2hb 2-pin connector
- T2hc 2-pin connector
- T6q 6-pin connector
- T6u 6-pin connector
- T16c 16-pin connector
- T16d 16-pin connector
- V158 Left temperature flap control motor
- V159 Right temperature flap control motor

L7 Connection 3, in evaporator housing unit wiring harness

L8 Connection 4, in evaporator housing unit wiring harness

- * Controls for heated rear window via CAN bus
- *2 see applicable current flow diagram for seat heating

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



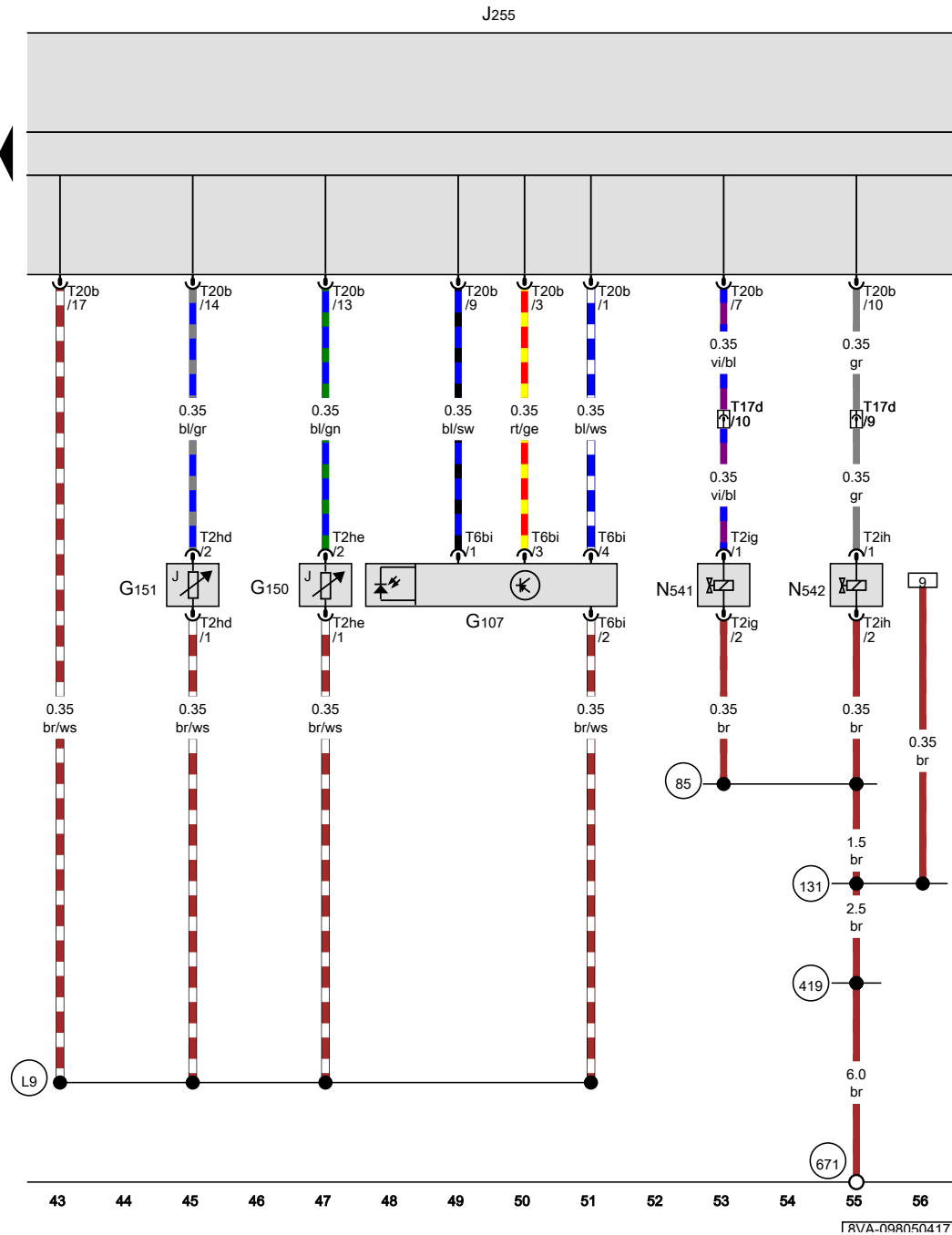
Potentiometer for defroster flap control motor,
 Potentiometer for front air distribution flap control motor,
 Potentiometer for fresh air/air recirculation, air flow flap control motor, Climatronic control unit, Defroster flap control motor, Fresh air/air recirculation, air flow flap control motor, Front air distribution flap control motor

- G135 Potentiometer for defroster flap control motor
- G642 Potentiometer for front air distribution flap control motor
- G644 Potentiometer for fresh air/air recirculation, air flow flap control motor
- J255 Climatronic control unit
- T6r 6-pin connector
- T6v 6-pin connector
- T6w 6-pin connector
- T16c 16-pin connector
- T16d 16-pin connector
- V107 Defroster flap control motor
- V425 Fresh air/air recirculation, air flow flap control motor
- V426 Front air distribution flap control motor

L7 Connection 3, in evaporator housing unit wiring harness

L8 Connection 4, in evaporator housing unit wiring harness

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 bl = blue
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 vi = purple
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 or = orange
 rs = pink



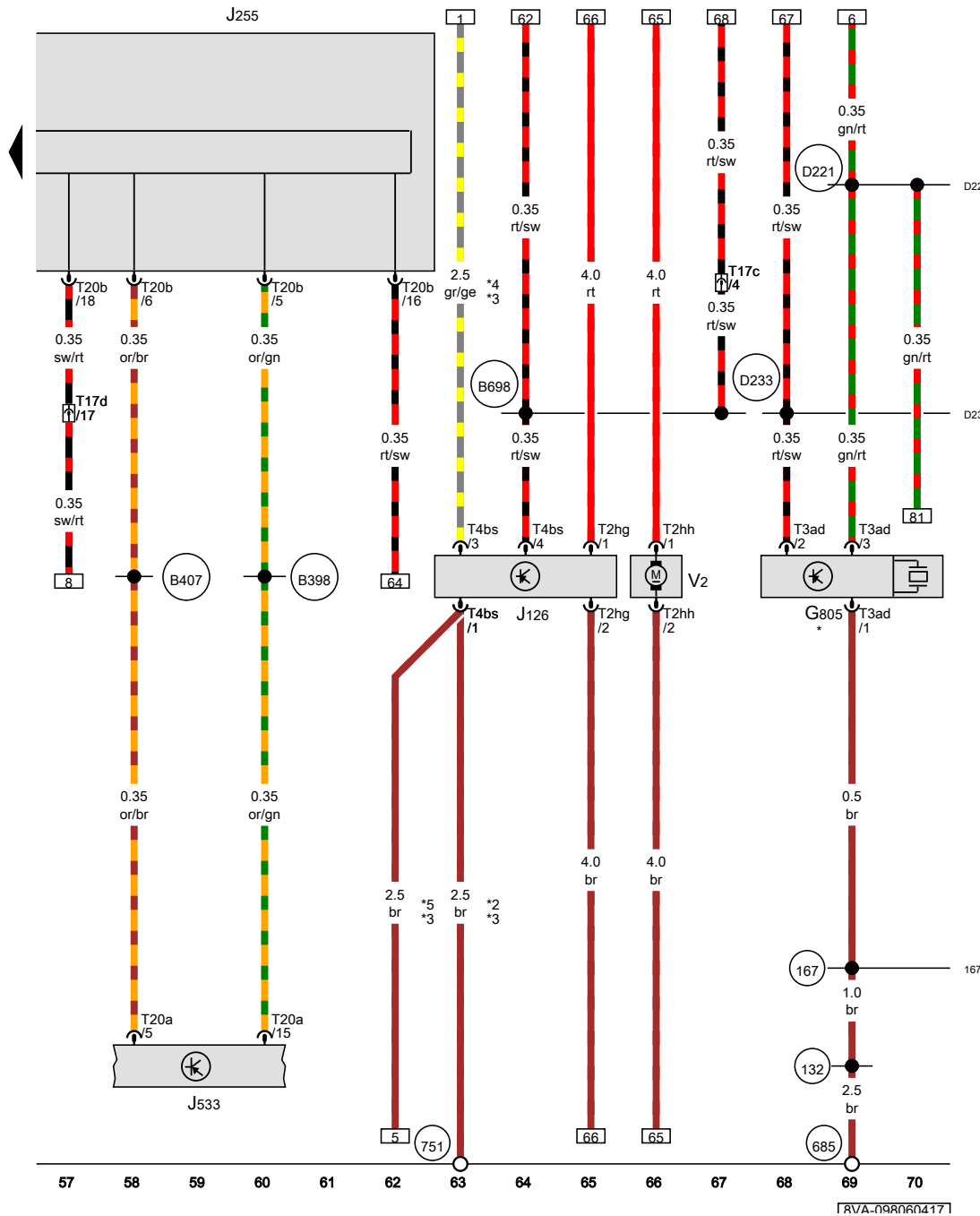
Sunlight penetration photosensor, Left vent temperature sender, Right vent temperature sender, Climatronic control unit, Refrigerant shut-off valve for heater and air conditioner unit, Refrigerant shut-off valve for high-voltage battery heat exchanger

- G107 Sunlight penetration photosensor
- G150 Left vent temperature sender
- G151 Right vent temperature sender
- J255 Climatronic control unit
- N541 Refrigerant shut-off valve for heater and air conditioner unit
- N542 Refrigerant shut-off valve for high-voltage battery heat exchanger
- T2hd 2-pin connector
- T2he 2-pin connector
- T2ig 2-pin connector
- T2ih 2-pin connector
- T6bi 6-pin connector
- T17d 17-pin connector
- T20b 20-pin connector

- 85 Earth connection 1, in engine compartment wiring harness
- 131 Earth connection 2, in engine compartment wiring harness
- 419 Earth connection 11, in engine compartment wiring harness
- 671 Earth point 1, on front of left longitudinal member
- L9 Connection 1, in air conditioning system wiring harness

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 sw = black
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 li = purple
 vi = purple
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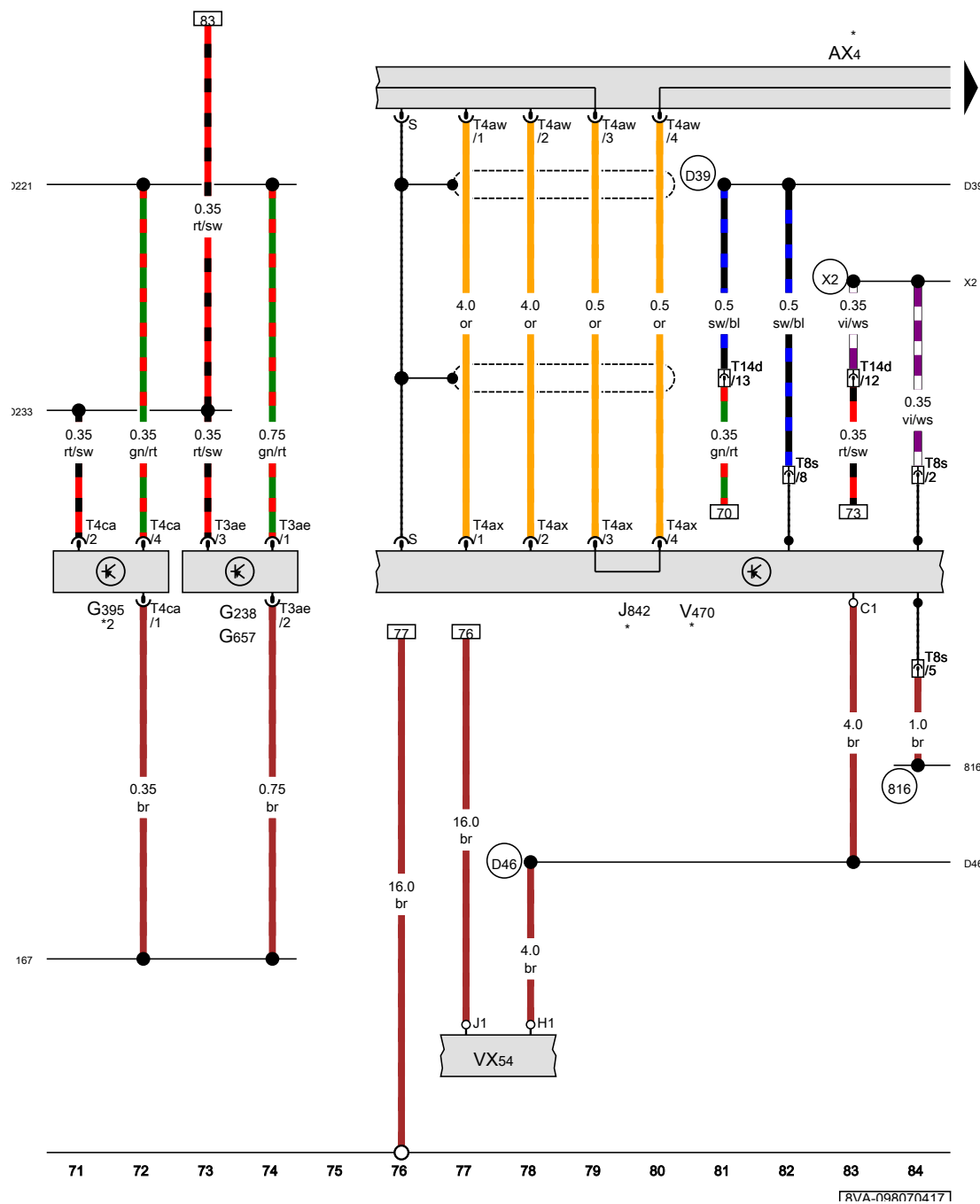


Pressure sender for refrigerant circuit, Fresh air blower control unit, Climatronic control unit, Data bus diagnostic interface, Fresh air blower

- G805 Pressure sender for refrigerant circuit
- J126 Fresh air blower control unit
- J255 Climatronic control unit
- J533 Data bus diagnostic interface
- T2hg 2-pin connector
- T2hh 2-pin connector
- T3ad 3-pin connector
- T4bs 4-pin connector
- T17c 17-pin connector
- T17d 17-pin connector
- T20a 20-pin connector
- T20b 20-pin connector
- V2 Fresh air blower

- 132 Earth connection 3, in engine compartment wiring harness
- 167 Earth connection 4, in engine compartment wiring harness
- 685 Earth point 1, on front of right longitudinal member
- 751 Earth point 2, on right A-pillar
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness
- B698 Connection 3 (LIN bus) in main wiring harness
- D221 Connection 9 (87a), in engine compartment wiring harness
- D233 Connection 2 (LIN bus) in engine compartment wiring harness
- * Only models with no US equipment
- *2 Only left-hand drive models
- *3 Cross-section 4.0 possible
- *4 Different wire colour possible
- *5 Only right-hand drive models

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

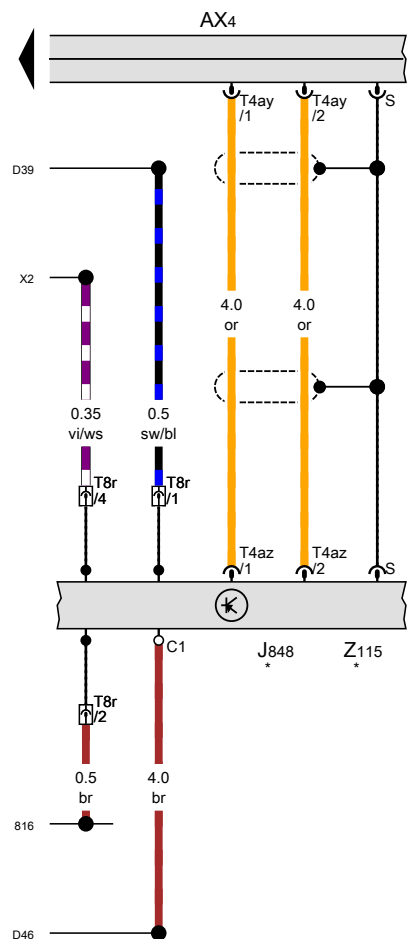


Charging unit 1 for high-voltage battery, Air quality sensor, Refrigerant pressure and temperature sender, Control unit for air conditioning compressor

- AX4 Charging unit 1 for high-voltage battery
- G238 Air quality sensor
- G395 Refrigerant pressure and temperature sender
- G657 Humidity sender in fresh air intake duct
- J842 Control unit for air conditioning compressor
- T3ae 3-pin connector
- T4aw 4-pin connector
- T4ax 4-pin connector
- T4ca 4-pin connector
- T8s 8-pin connector
- T14d 14-pin connector, black
- VX54 Three-phase current drive
- V470 Electrical air conditioner compressor

- 167 Earth connection 4, in engine compartment wiring harness
- 816 Earth connection 1, in hybrid system wiring harness
- D39 Connection 1, in engine prewiring harness
- D46 Connection 8, in engine prewiring harness
- D221 Connection 9 (87a), in engine compartment wiring harness
- D233 Connection 2 (LIN bus) in engine compartment wiring harness
- X2 Connection 1 (LIN bus) in hybrid system wiring harness

* see applicable current flow diagram for high-voltage system
*2 Only models with US equipment



Charging unit 1 for high-voltage battery, High-voltage heater (PTC) control unit

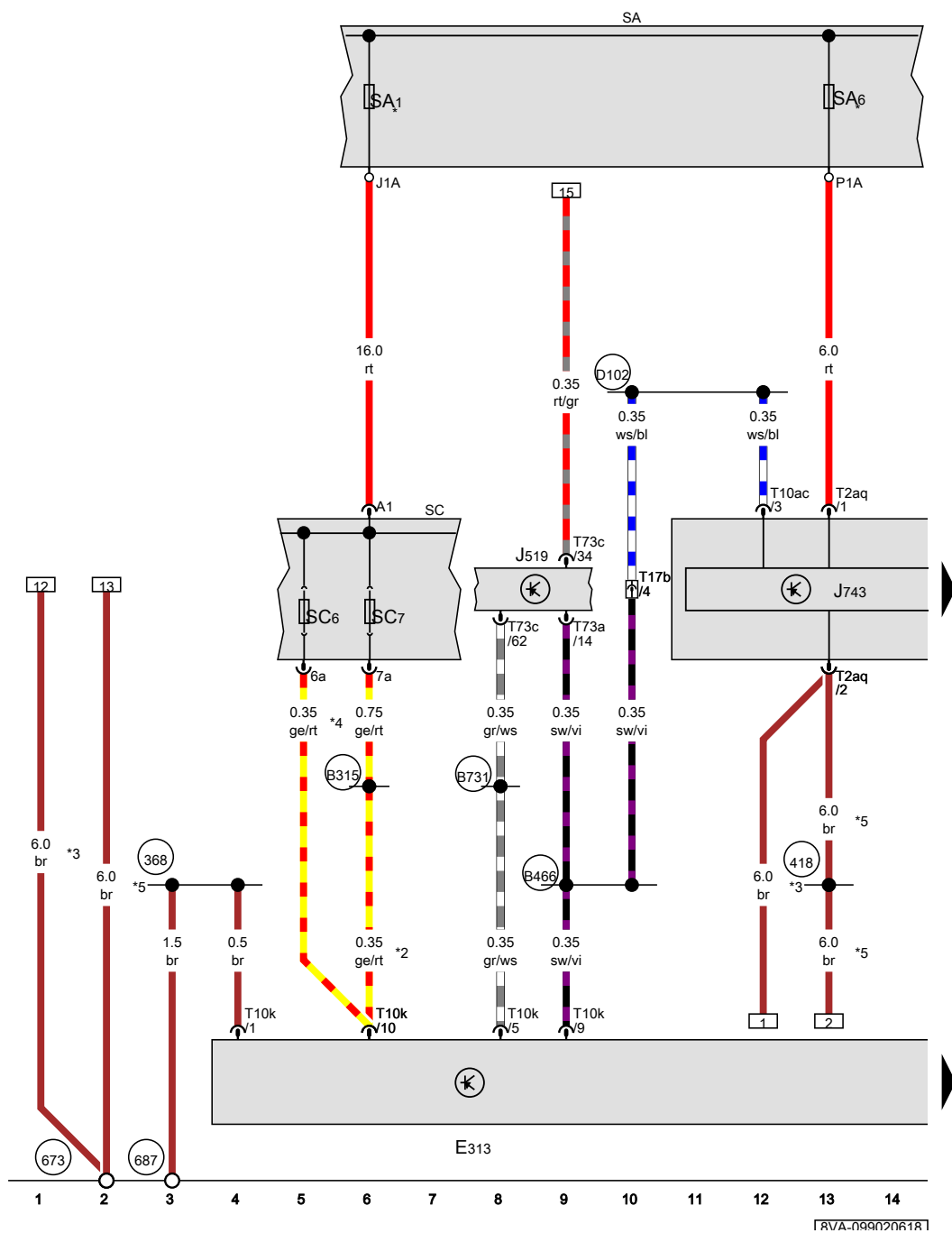
- AX4 Charging unit 1 for high-voltage battery
- J848 High-voltage heater (PTC) control unit
- T4ay 4-pin connector
- T4az 4-pin connector
- T8r 8-pin connector
- Z115 High-voltage heater (PTC)

- 816 Earth connection 1, in hybrid system wiring harness
- D39 Connection 1, in engine prewiring harness
- D46 Connection 8, in engine prewiring harness
- X2 Connection 1 (LIN bus) in hybrid system wiring harness
- * see applicable current flow diagram for high-voltage system

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Dual clutch gearbox 0DD , (0IC)

From May 2014



Selector lever, Onboard supply control unit, Mechatronic unit for dual clutch gearbox

- E313 Selector lever
- J519 Onboard supply control unit
- J743 Mechatronic unit for dual clutch gearbox
- SA Fuse holder A
- SA1 Fuse 1 on fuse holder A
- SC6 Fuse 6 on fuse holder C
- SA6 Fuse 6 on fuse holder A
- SC Fuse holder C
- SC7 Fuse 7 on fuse holder C
- T2aq 2-pin connector
- T10ac 10-pin connector
- T10k 10-pin connector
- T17b 17-pin connector
- T73a 73-pin connector
- T73c 73-pin connector

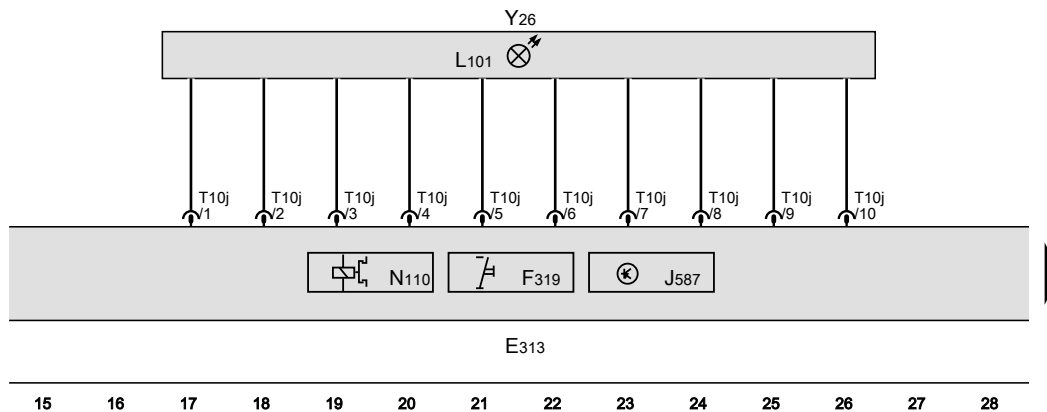
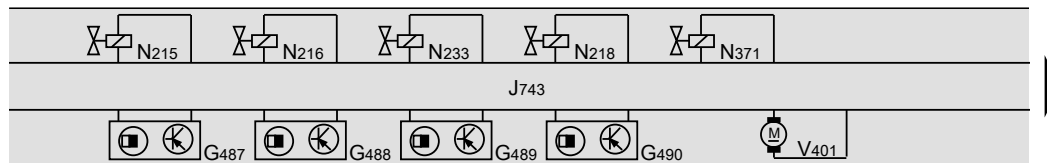
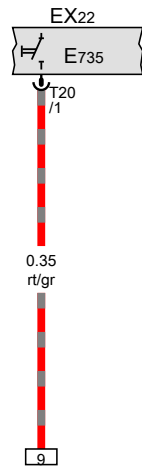
- 368 Earth connection 3, in main wiring harness
- 418 Earth connection 10, in engine compartment wiring harness
- 673 Earth point 3, on front of left longitudinal member
- 687 Earth point 1, on centre tunnel
- B315 Positive connection 1 (30a) in main wiring harness
- B466 Connection 2, in main wiring harness
- B731 Connection 1 (58s), in main wiring harness
- D102 Connection 2 in engine compartment wiring harness

- * see applicable current flow diagram for high-voltage system
- *2 Up to April 2015
- *3 For models with no US equipment
- *4 From May 2015
- *5 For models with US equipment

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 gr = grey
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 vi = purple
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 or = orange
 rs = pink

Selector lever, Selector lever locked in position P switch, Selector lever sensors control unit, Mechatronic unit for dual clutch gearbox, Selector lever lock solenoid, Automatic gearbox pressure regulating valve 1, Automatic gearbox pressure regulating valve 2, Automatic gearbox pressure regulating valve 4, Automatic gearbox pressure regulating valve 5, Automatic gearbox pressure regulating valve 6, Hydraulic pump motor, Selector lever position display

- EX22 Centre switch module in dash panel
- E313 Selector lever
- E735 Driving mode selection button
- F319 Selector lever locked in position P switch
- G487 Gear selector movement sensor 1
- G488 Gear selector movement sensor 2
- G489 Gear selector movement sensor 3
- G490 Gear selector movement sensor 4
- J587 Selector lever sensors control unit
- J743 Mechatronic unit for dual clutch gearbox
- L101 Selector lever display illumination bulb
- N110 Selector lever lock solenoid
- N215 Automatic gearbox pressure regulating valve 1
- N216 Automatic gearbox pressure regulating valve 2
- N218 Automatic gearbox pressure regulating valve 4
- N233 Automatic gearbox pressure regulating valve 5
- N371 Automatic gearbox pressure regulating valve 6
- T10j 10-pin connector
- T20 20-pin connector, red
- V401 Hydraulic pump motor
- Y26 Selector lever position display

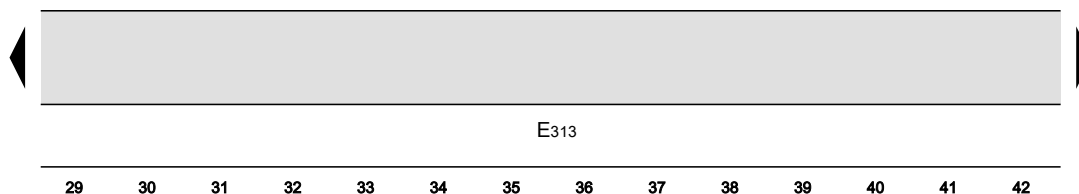
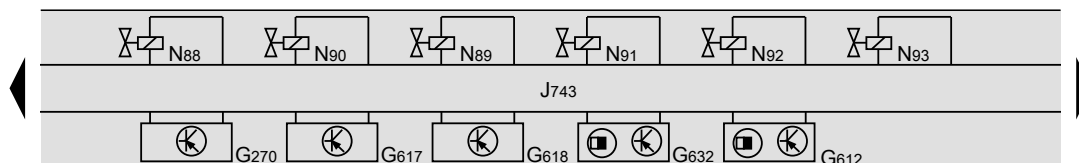


- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

18V A-0990306181

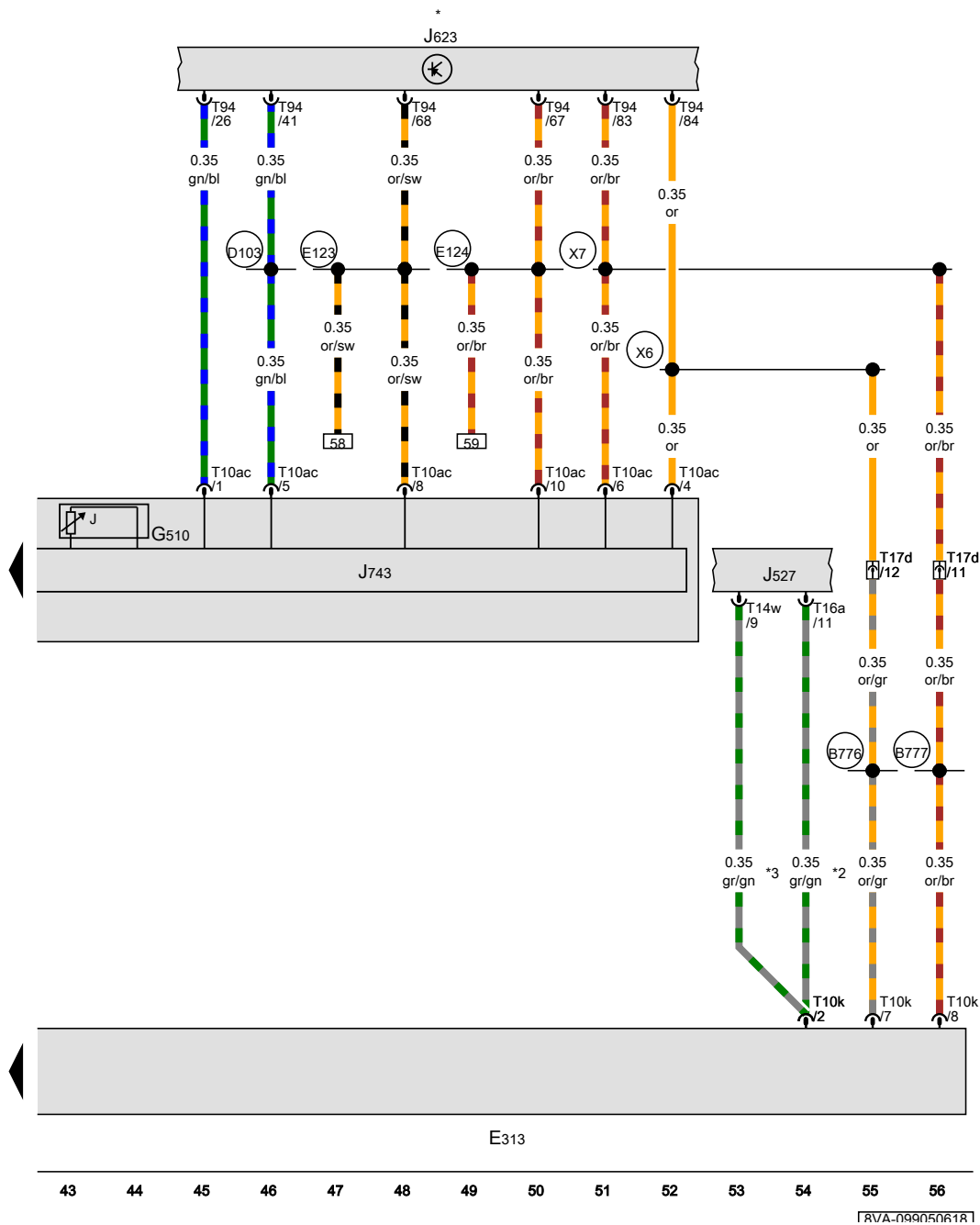
Selector lever, Gearbox input speed sender 2, Mechatronic unit for dual clutch gearbox, Solenoid valve 1, Solenoid valve 2, Solenoid valve 3, Solenoid valve 4, Solenoid valve 5, Solenoid valve 6

- E313 Selector lever
- G270 Gearbox hydraulic pressure sender
- G612 Gearbox input speed sender 2
- G617 Clutch travel sender 1
- G618 Clutch travel sender 2
- G632 Gearbox input speed sender 1
- J743 Mechatronic unit for dual clutch gearbox
- N88 Solenoid valve 1
- N89 Solenoid valve 2
- N90 Solenoid valve 3
- N91 Solenoid valve 4
- N92 Solenoid valve 5
- N93 Solenoid valve 6



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- gr = grey
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- vi = purple
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- or = orange
- rs = pink

18V A-099040618



Selector lever, Temperature sender in control unit, Engine/motor control unit, Mechatronic unit for dual clutch gearbox

- E313 Selector lever
- G510 Temperature sender in control unit
- J527 Steering column electronics control unit
- J623 Engine/motor control unit
- J743 Mechatronic unit for dual clutch gearbox
- T10ac 10-pin connector
- T10k 10-pin connector
- T14w 14-pin connector, black
- T16a 16-pin connector
- T17d 17-pin connector
- T94 94-pin connector

(B776) Connection 1 (hybrid CAN bus, high) in main wiring harness

(B777) Connection 1 (hybrid CAN bus, low) in main wiring harness

(D103) Connection 3 in engine compartment wiring harness

(E123) Connection 1 (powertrain CAN bus, high), in engine wiring harness

(E124) Connection 1 (powertrain CAN bus, low), in engine wiring harness

(X6) Connection 2 (CAN bus hybrid, high), in engine compartment wiring harness

(X7) Connection 2 (CAN bus hybrid, low), in engine compartment wiring harness

* see applicable current flow diagram for engine

*2 For models with no heated steering wheel

*3 For models with heated steering wheel

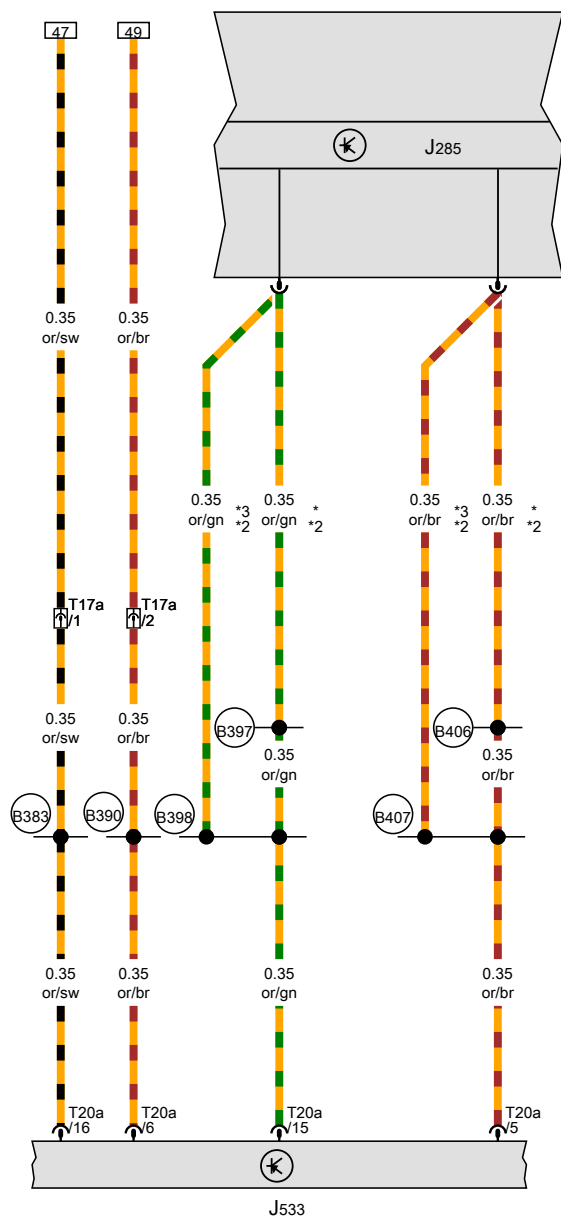
- ws = white
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- rs = pink

Control unit in dash panel insert, Data bus diagnostic interface

J285 Control unit in dash panel insert
J533 Data bus diagnostic interface
T17a 17-pin connector
T20a 20-pin connector

- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness

* For left-hand drive models
*2 see applicable current flow diagram for dash panel insert
*3 For right-hand drive models



ws = white
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ro = red
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or = orange
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Airbag systems (US equipment) , (5C1)

From May 2014

Terminal 15 voltage supply relay, Fuse holder C

- J329 Terminal 15 voltage supply relay
- J519 Onboard supply control unit
- SA Fuse holder A
- SA1 Fuse 1 on fuse holder A
- SC Fuse holder C
- SC11 Fuse 11 on fuse holder C
- SC13 Fuse 13 on fuse holder C
- SC33 Fuse 33 on fuse holder C
- SC41 Fuse 41 on fuse holder C
- T73a 73-pin connector

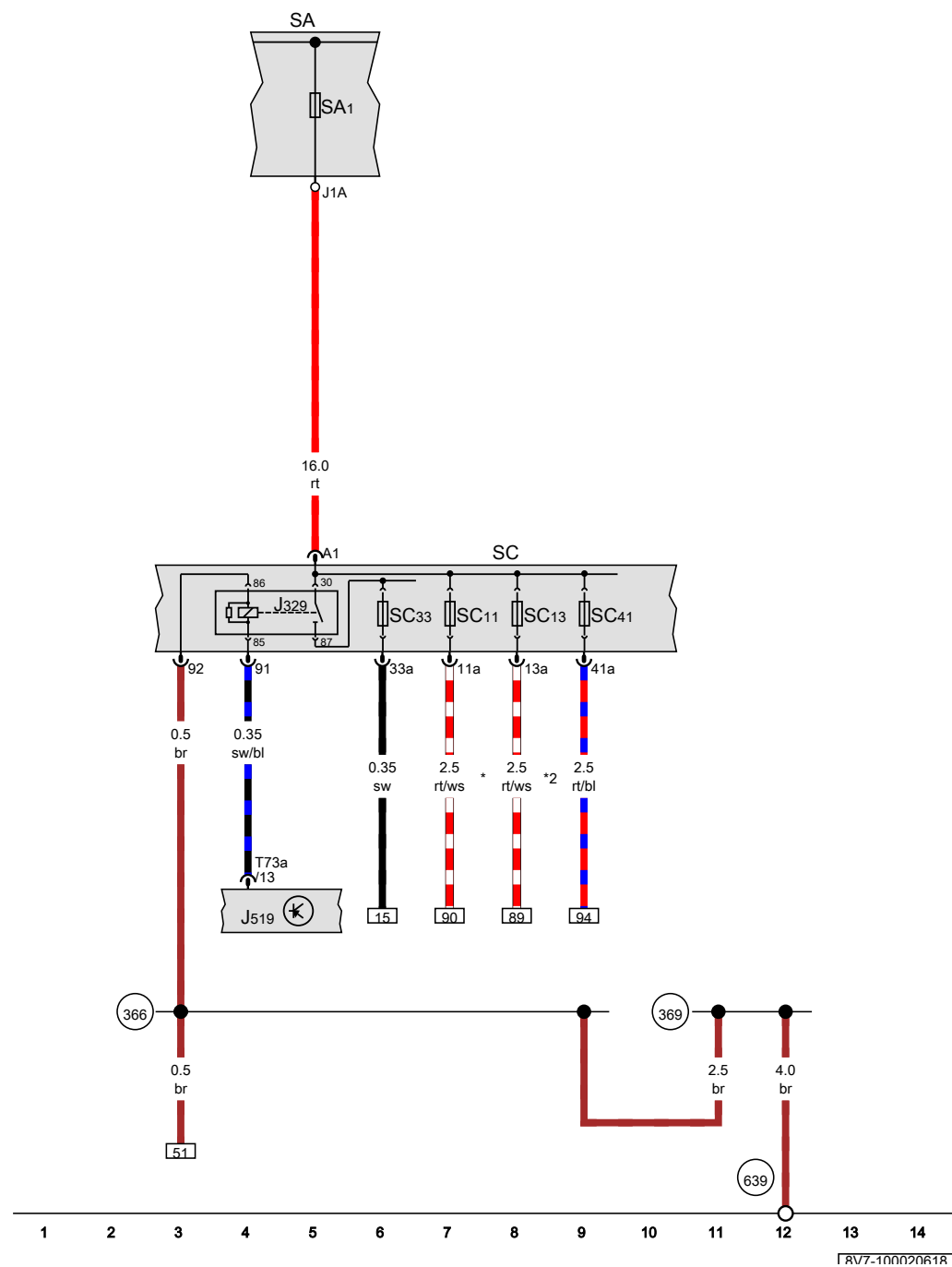
366 Earth connection 1, in main wiring harness

369 Earth connection 4, in main wiring harness

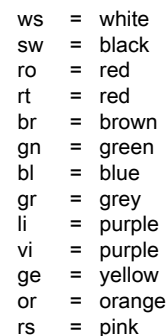
639 Earth point, left A-pillar

* Up to April 2017

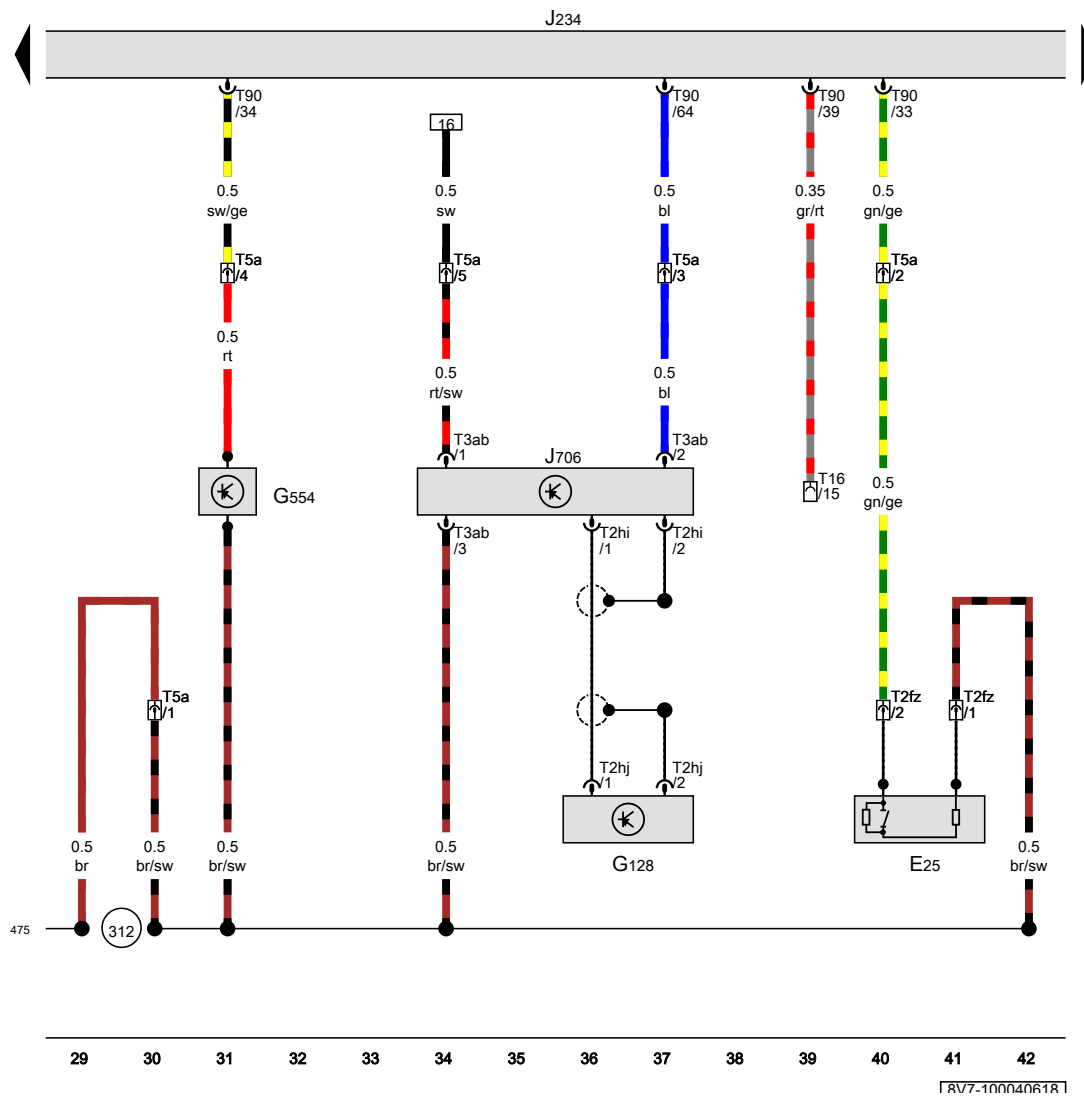
*2 From May 2017



- ws = white
- sw = black
- ro = red
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- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
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Front passenger side seat position sensor, Airbag control unit, Seat occupied recognition control unit



- E25 Front passenger side belt switch
- G128 Seat occupied sensor, front passenger side
- G554 Front passenger side seat position sensor
- J234 Airbag control unit
- J706 Seat occupied recognition control unit
- T2fz 2-pin connector
- T2hi 2-pin connector
- T2hj 2-pin connector
- T3ab 3-pin connector
- T5a 5-pin connector
- T16 16-pin connector
- T90 90-pin connector

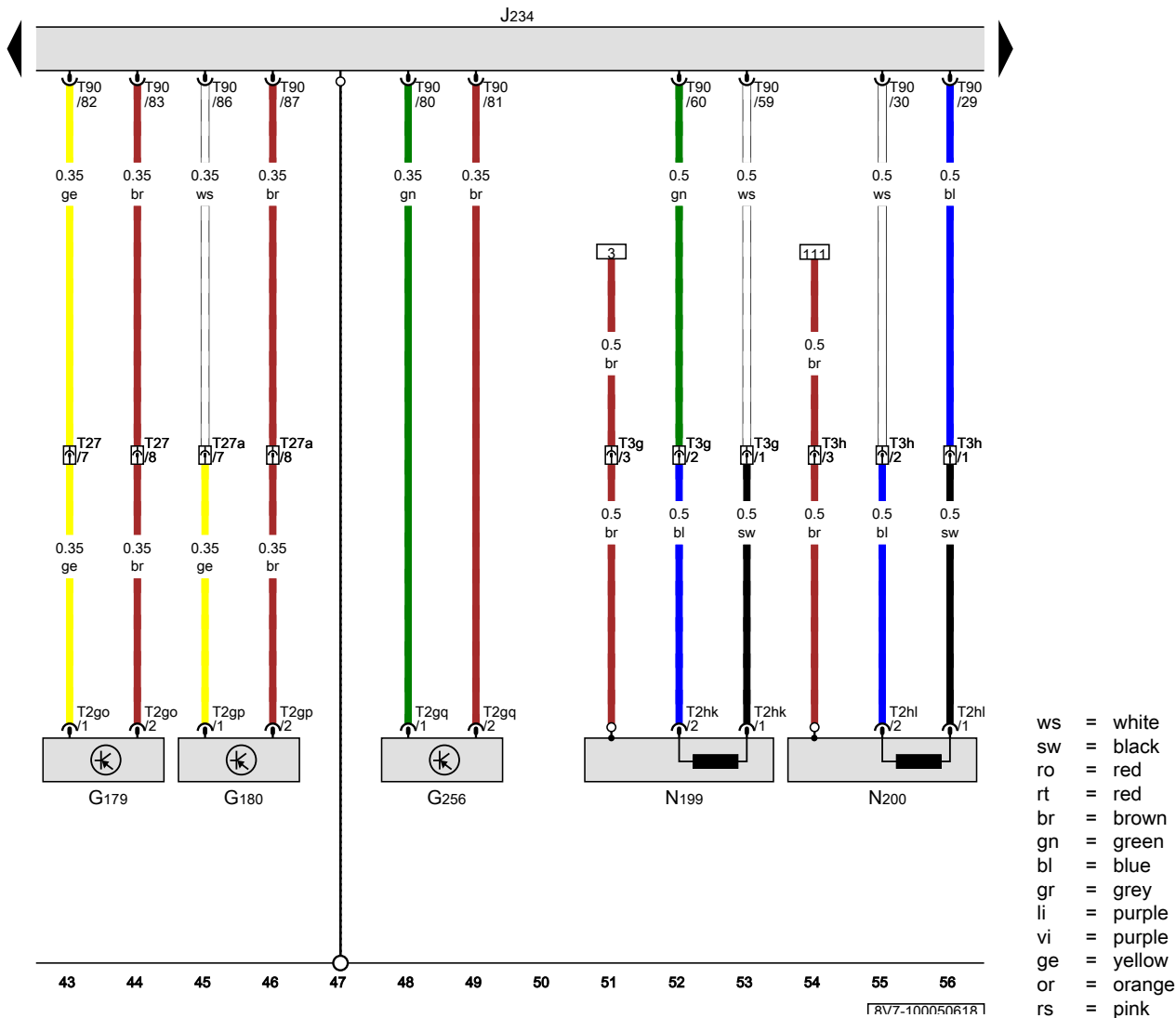
312 Earth connection 2, in airbag wiring harness

475 Earth connection (airbag), in main wiring harness

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

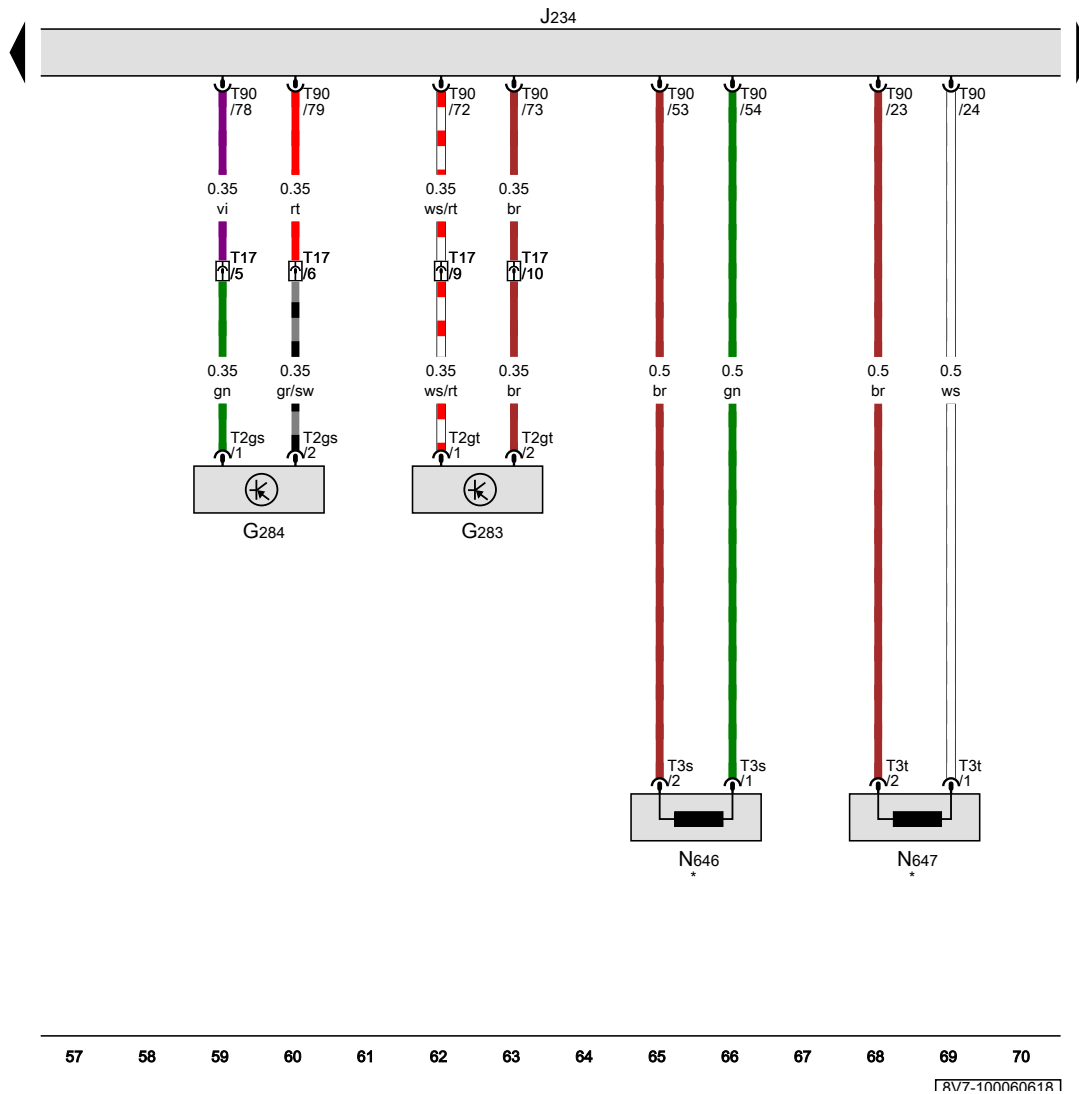
Side airbag crash sensor on driver side, Side airbag crash sensor on front passenger side, Rear side airbag crash sensor on driver side, Airbag control unit, Side airbag igniter on driver side, Side airbag igniter on front passenger side

- G179 Side airbag crash sensor on driver side
- G180 Side airbag crash sensor on front passenger side
- G256 Rear side airbag crash sensor on driver side
- J234 Airbag control unit
- N199 Side airbag igniter on driver side
- N200 Side airbag igniter on front passenger side
- T2go 2-pin connector
- T2gp 2-pin connector
- T2gq 2-pin connector
- T2hk 2-pin connector
- T2hl 2-pin connector
- T3g 3-pin connector
- T3h 3-pin connector
- T27 27-pin connector
- T27a 27-pin connector
- T90 90-pin connector



Front airbag crash sensor for driver side, Front airbag crash sensor for front passenger side, Airbag control unit, Trigger for driver side roll-over bar, Trigger for passenger side roll-over bar

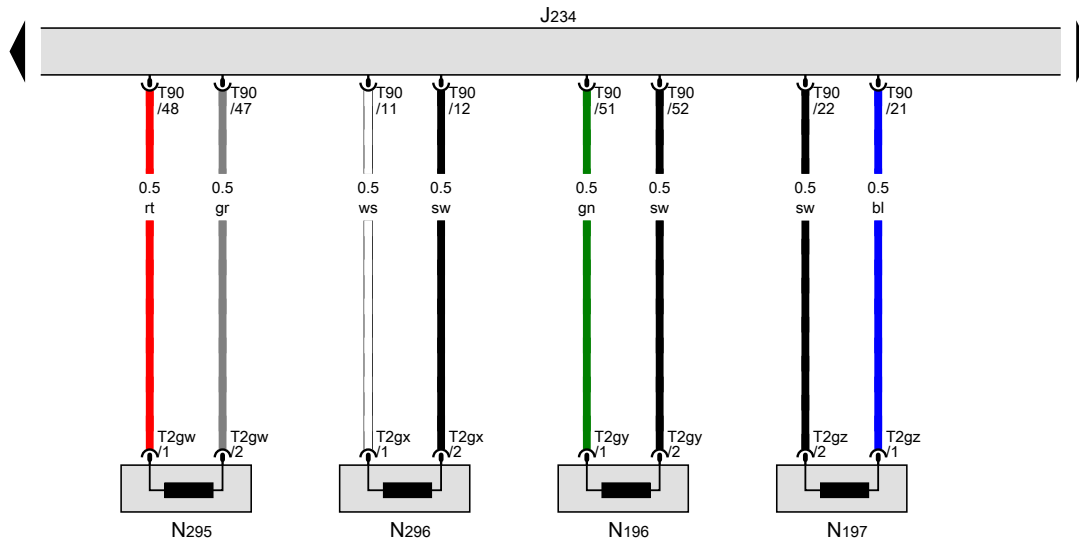
- G283 Front airbag crash sensor for driver side
- G284 Front airbag crash sensor for front passenger side
- J234 Airbag control unit
- N646 Trigger for driver side roll-over bar
- N647 Trigger for passenger side roll-over bar
- T2gs 2-pin connector
- T2gt 2-pin connector
- T3s 3-pin connector
- T3t 3-pin connector
- T17 17-pin connector
- T90 90-pin connector
- * Pre-wired component



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 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

Airbag control unit, Rear belt tensioner igniter on driver side,
Rear belt tensioner igniter on passenger side, Driver side
knee airbag igniter, Front passenger side knee airbag igniter

- J234 Airbag control unit
- N196 Rear belt tensioner igniter on driver side
- N197 Rear belt tensioner igniter on passenger side
- N295 Driver side knee airbag igniter
- N296 Front passenger side knee airbag igniter
- T2gw 2-pin connector
- T2gx 2-pin connector
- T2gy 2-pin connector
- T2gz 2-pin connector
- T90 90-pin connector



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- vi = purple
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- rs = pink

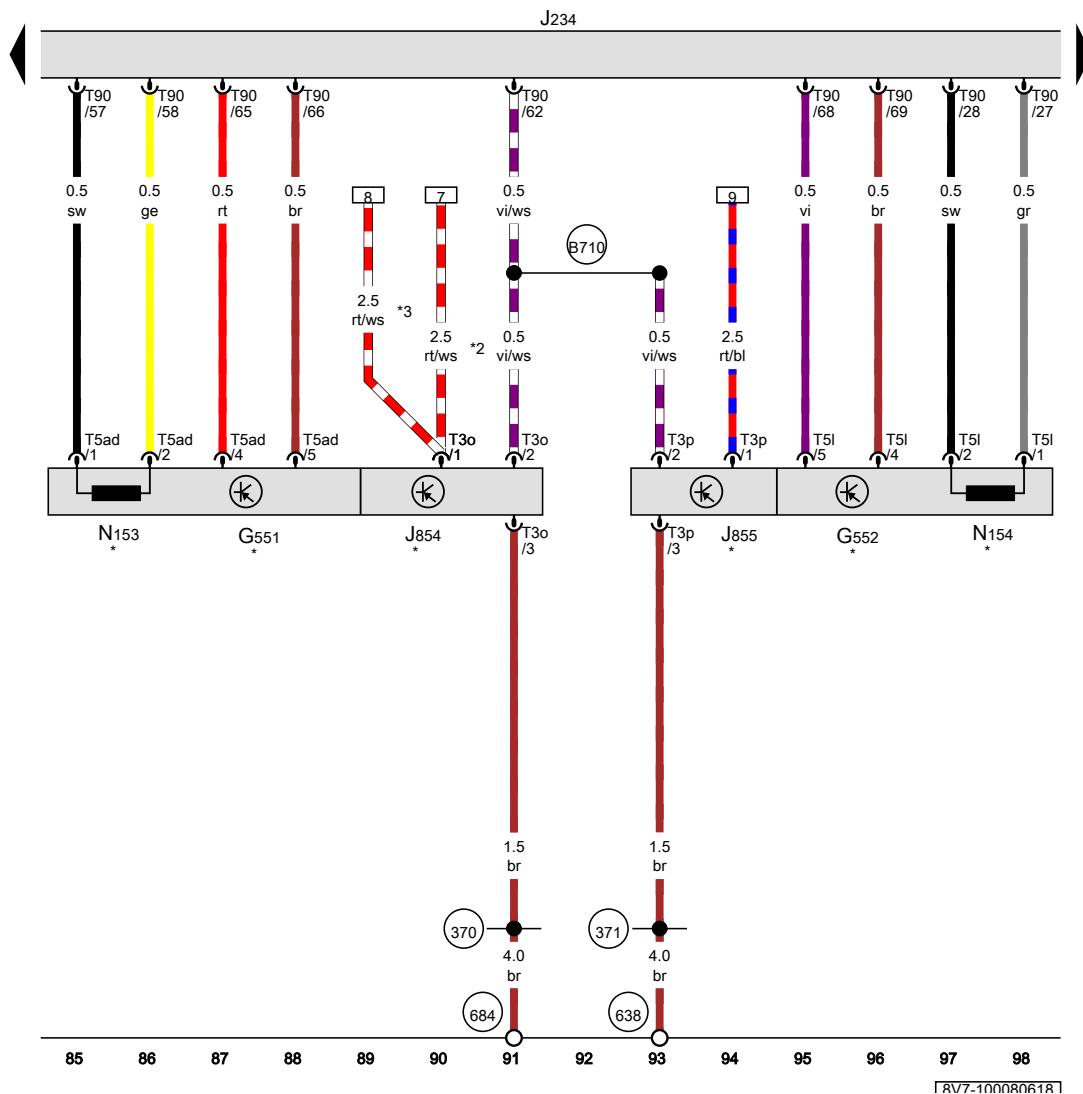
Airbag control unit, Control unit for front left belt tensioner, Control unit for front right belt tensioner, Driver seat belt tensioner igniter 1, Front passenger seat belt tensioner igniter 1

- G551 Driver side belt force limiter
- G552 Front passenger side belt force limiter
- J234 Airbag control unit
- J854 Control unit for front left belt tensioner
- J855 Control unit for front right belt tensioner
- N153 Driver seat belt tensioner igniter 1
- N154 Front passenger seat belt tensioner igniter 1
- T3o 3-pin connector
- T3p 3-pin connector
- T5ad 5-pin connector
- T5l 5-pin connector
- T90 90-pin connector

- 370 Earth connection 5, in main wiring harness
- 371 Earth connection 6, in main wiring harness
- 638 Earth point, on right A-pillar
- 684 Earth point on front of left side member
- B710 Connection 5 (LIN bus) in main wiring harness

- * According to equipment
- *2 Up to April 2017
- *3 From May 2017

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- vi = purple
- ge = yellow
- or = orange
- rs = pink



Airbag control unit, Steering column electronics control unit,
Airbag igniter on driver side, Airbag igniter 1 on front
passenger side

- F350 Coil connector
- J234 Airbag control unit
- J527 Steering column electronics control unit
- N95 Airbag igniter on driver side
- N131 Airbag igniter 1 on front passenger side
- N132 Airbag igniter 2 on front passenger side
- T2ha 2-pin connector
- T2nm 2-pin connector
- T3ac 3-pin connector
- T4 4-pin connector, yellow
- T10x 10-pin connector
- T12k 12-pin connector
- T14ac 14-pin connector, black
- T16v 16-pin connector, black
- T90 90-pin connector

372 Earth connection 7, in main wiring harness

751 Earth point 2, on right A-pillar

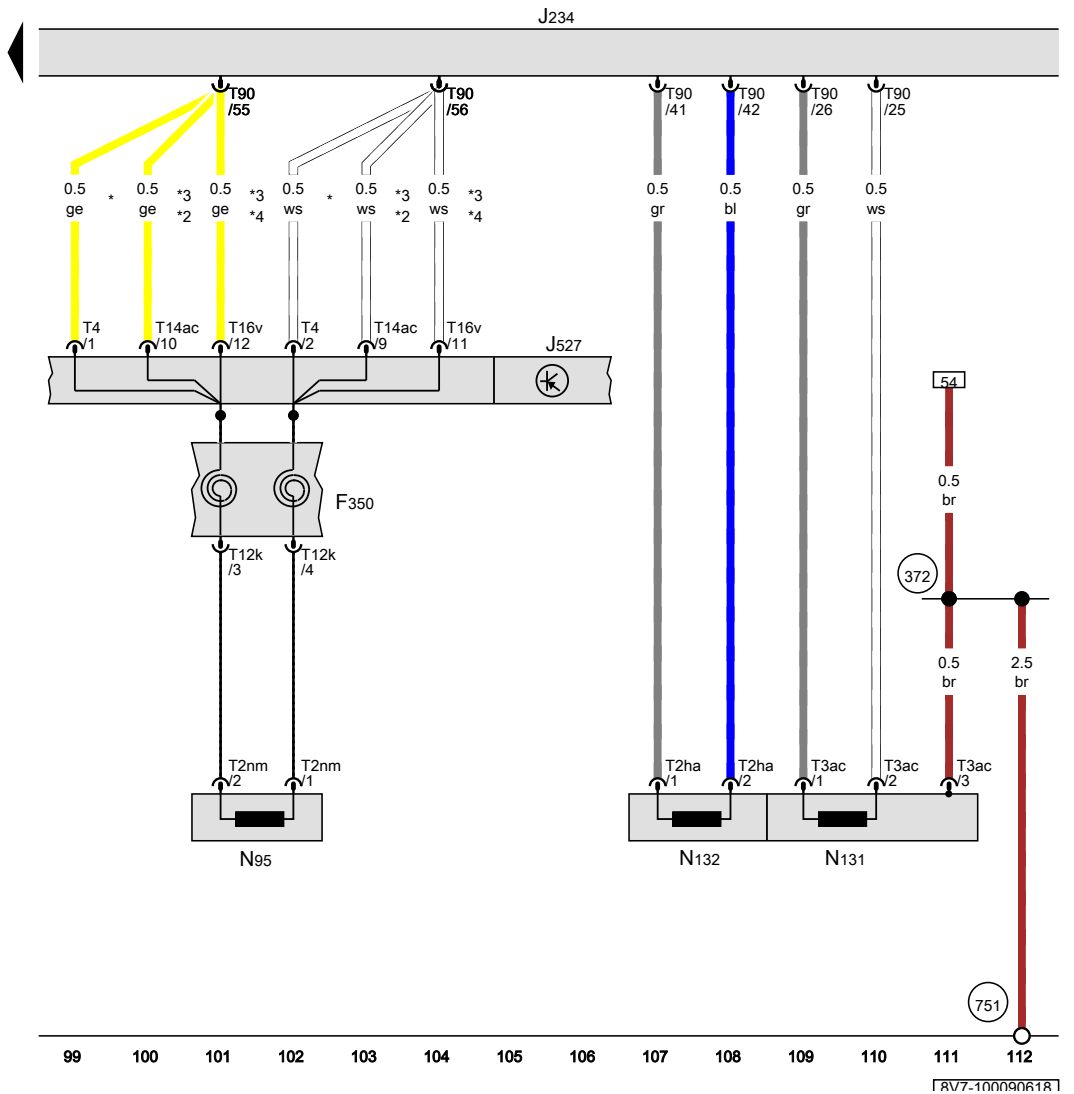
* Up to June 2018

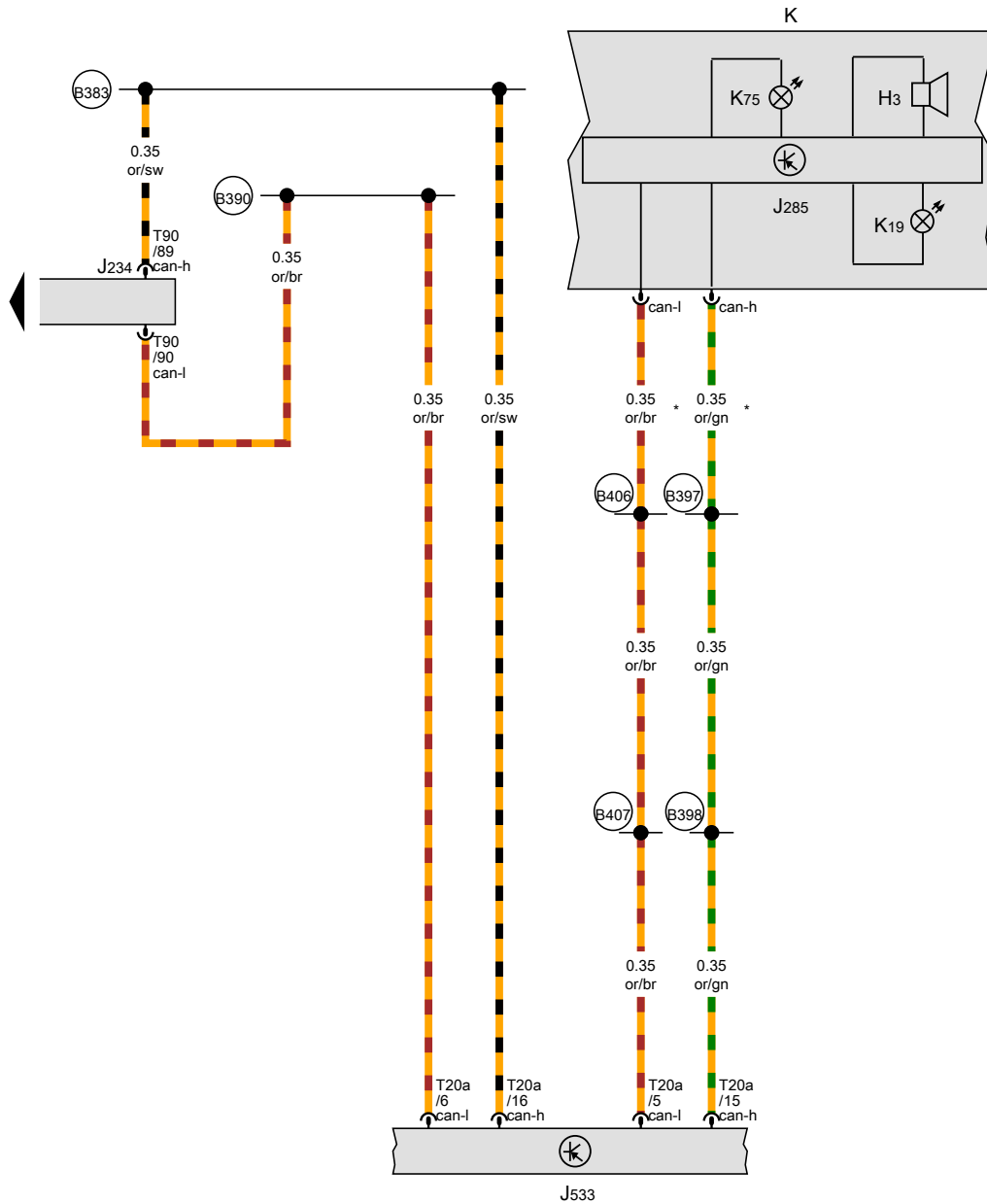
*2 For models with heated steering wheel

*3 From July 2018

*4 For models with no heated steering wheel

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
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vi = purple
ge = yellow
or = orange
rs = pink





Buzzer and gong, Airbag control unit, Control unit in dash panel insert, Data bus diagnostic interface, Seat belt warning system warning lamp, Airbag warning lamp

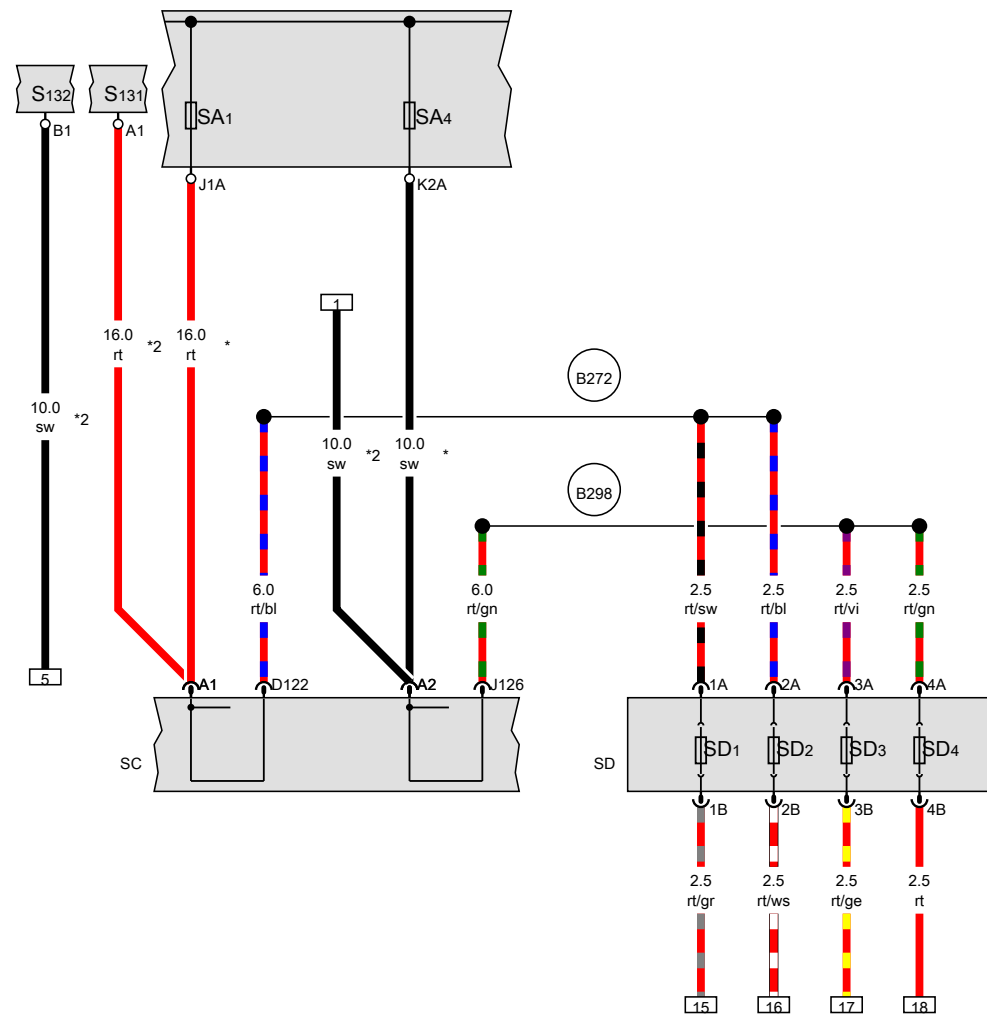
- H3 Buzzer and gong
- J234 Airbag control unit
- J285 Control unit in dash panel insert
- J533 Data bus diagnostic interface
- K Dash panel insert
- K19 Seat belt warning system warning lamp
- K75 Airbag warning lamp
- T20a 20-pin connector
- T90 90-pin connector

- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness
- * see applicable current flow diagram for dash panel insert

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Trailer coupling , (1M5),(1D2)

From May 2014



Fuse holder C, Fuse holder D

- SC Fuse holder C
- SD Fuse holder D
- SD1 Fuse 1 on fuse holder D
- SA1 Fuse 1 on fuse holder A
- SD2 Fuse 2 on fuse holder D
- SD3 Fuse 3 on fuse holder D
- SD4 Fuse 4 on fuse holder D
- SA4 Fuse 4 on fuse holder A
- S131 Fuse 1
- S132 Fuse 2

B272 Positive connection (30), in main wiring harness

B298 Positive connection 2 (30), in main wiring harness

* Not for RS 3 models

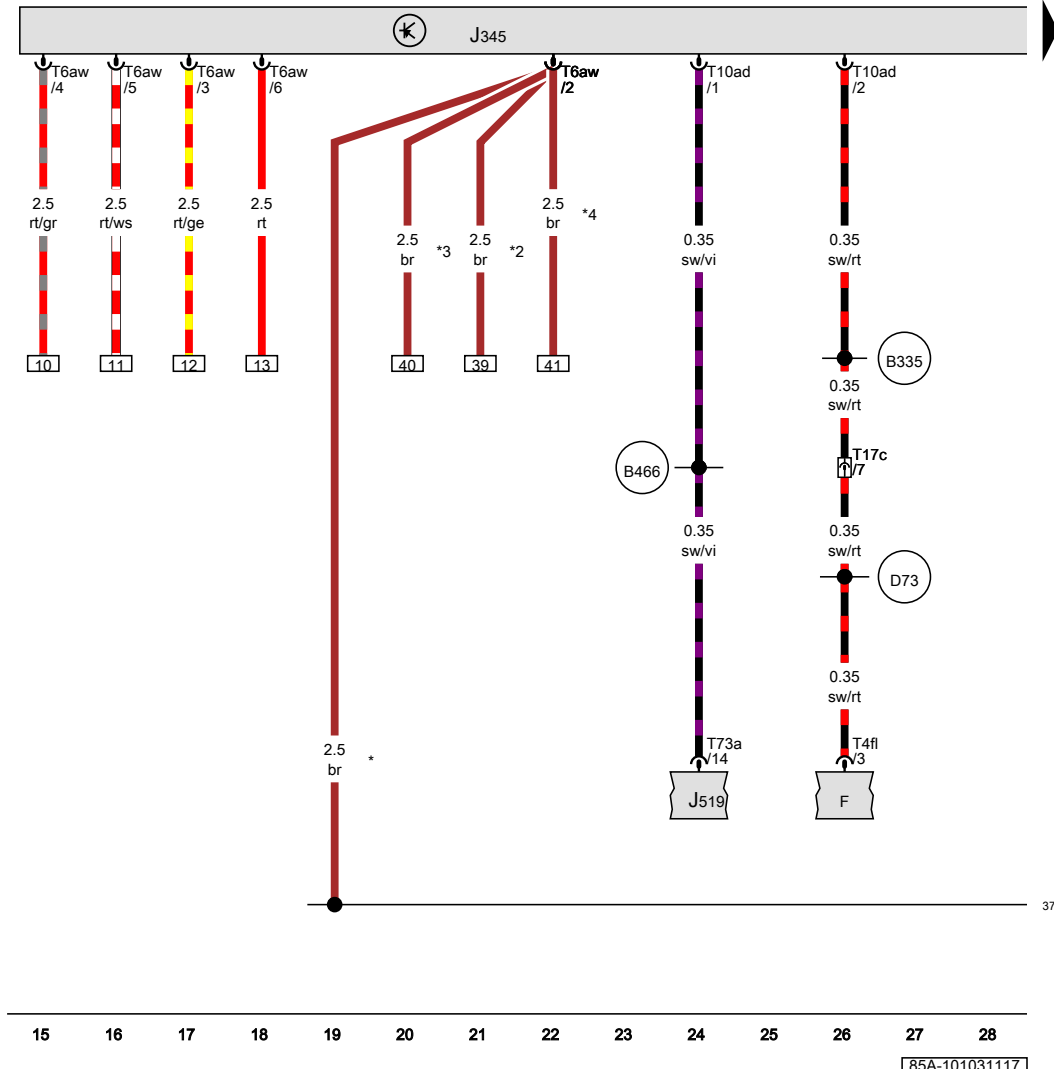
*2 For RS 3 models

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

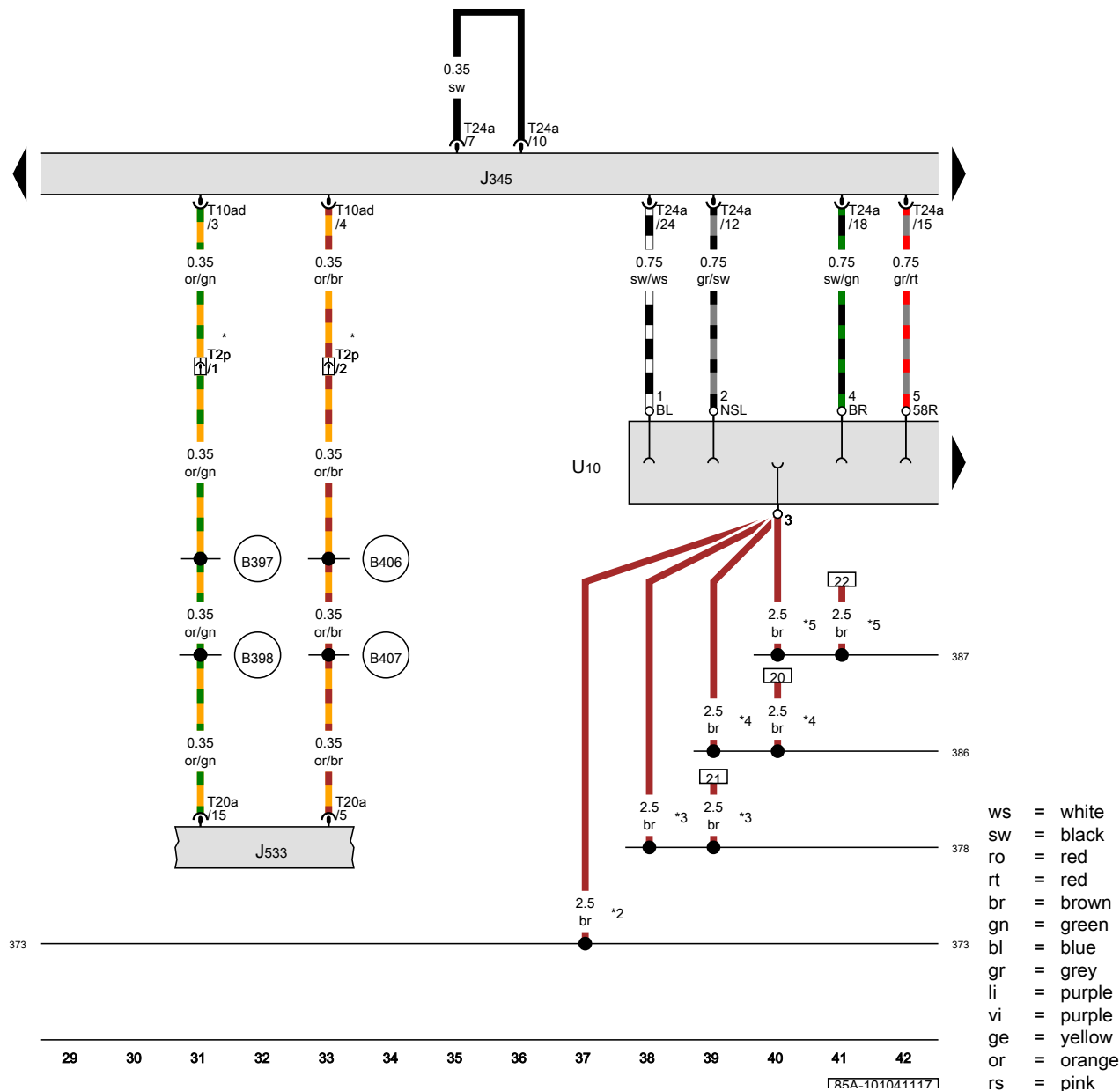
Trailer detector control unit

- F Brake light switch
- J345 Trailer detector control unit
- J519 Onboard supply control unit
- T4fl 4-pin connector
- T6aw 6-pin connector
- T10ad 10-pin connector
- T17c 17-pin connector
- T73a 73-pin connector

- 373 Earth connection 8, in main wiring harness
- B335 Connection 1 (54), in main wiring harness
- B466 Connection 2, in main wiring harness
- D73 Positive connection (54), in engine compartment wiring harness
- * For models with 3 doors
- *2 For models with 5 doors
- *3 For models with 4 doors
- *4 For Cabriolet models



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- sw = black
- ro = red
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- br = brown
- gn = green
- bl = blue
- gr = grey
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- vi = purple
- ge = yellow
- or = orange
- rs = pink



Trailer detector control unit, Trailer socket

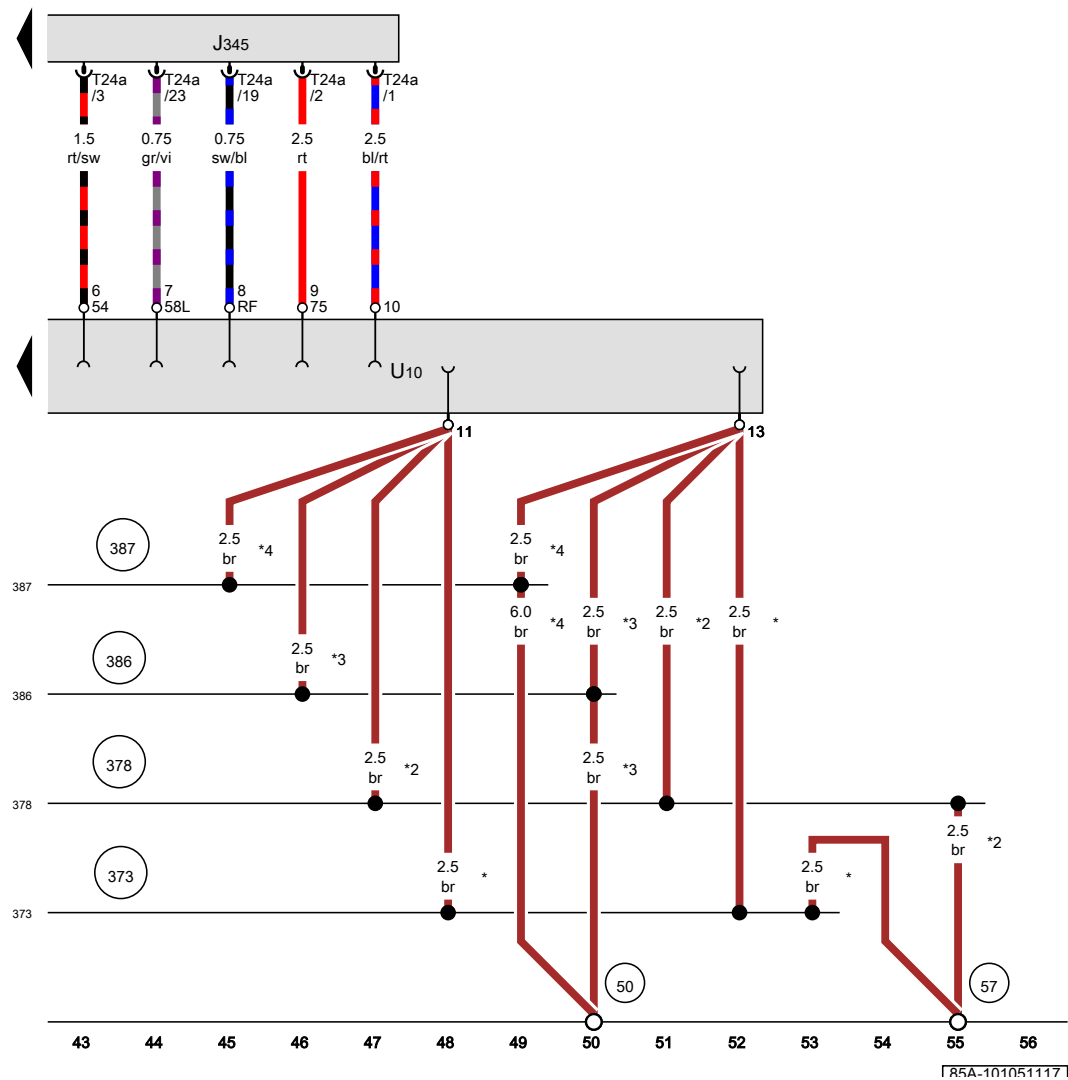
J345 Trailer detector control unit
J533 Data bus diagnostic interface
T2p 2-pin connector, near left A-pillar
T10ad 10-pin connector
T20a 20-pin connector
T24a 24-pin connector
U10 Trailer socket

- 373 Earth connection 8, in main wiring harness
- 378 Earth connection 13, in main wiring harness
- 386 Earth connection 21, in main wiring harness
- 387 Earth connection 22, in main wiring harness
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness
- * For models with preparation for trailer coupling
- *2 For models with 3 doors
- *3 For models with 5 doors
- *4 For models with 4 doors
- *5 For Cabriolet models

Trailer detector control unit, Trailer socket

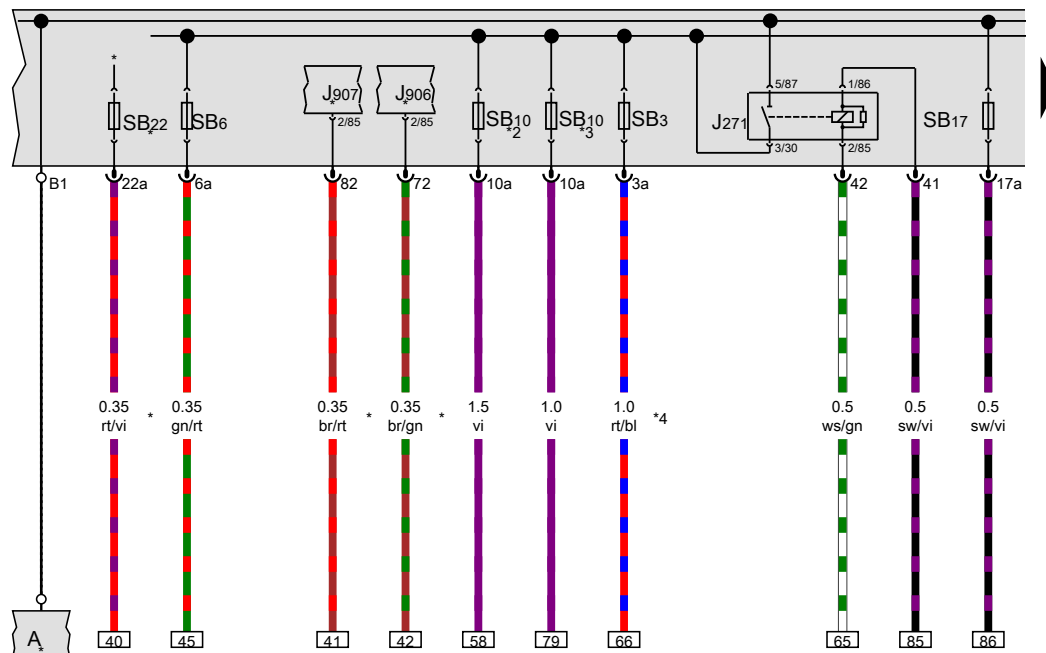
J345 Trailer detector control unit
T24a 24-pin connector
U10 Trailer socket

- 50 Earth point, on left in luggage compartment
- 57 Earth point, rear left pillar
- 373 Earth connection 8, in main wiring harness
- 378 Earth connection 13, in main wiring harness
- 386 Earth connection 21, in main wiring harness
- 387 Earth connection 22, in main wiring harness
- * For models with 3 doors
- *2 For models with 5 doors
- *3 For models with 4 doors
- *4 For Cabriolet models



1.8l petrol engine , CUFA

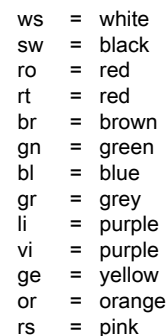
From October 2014



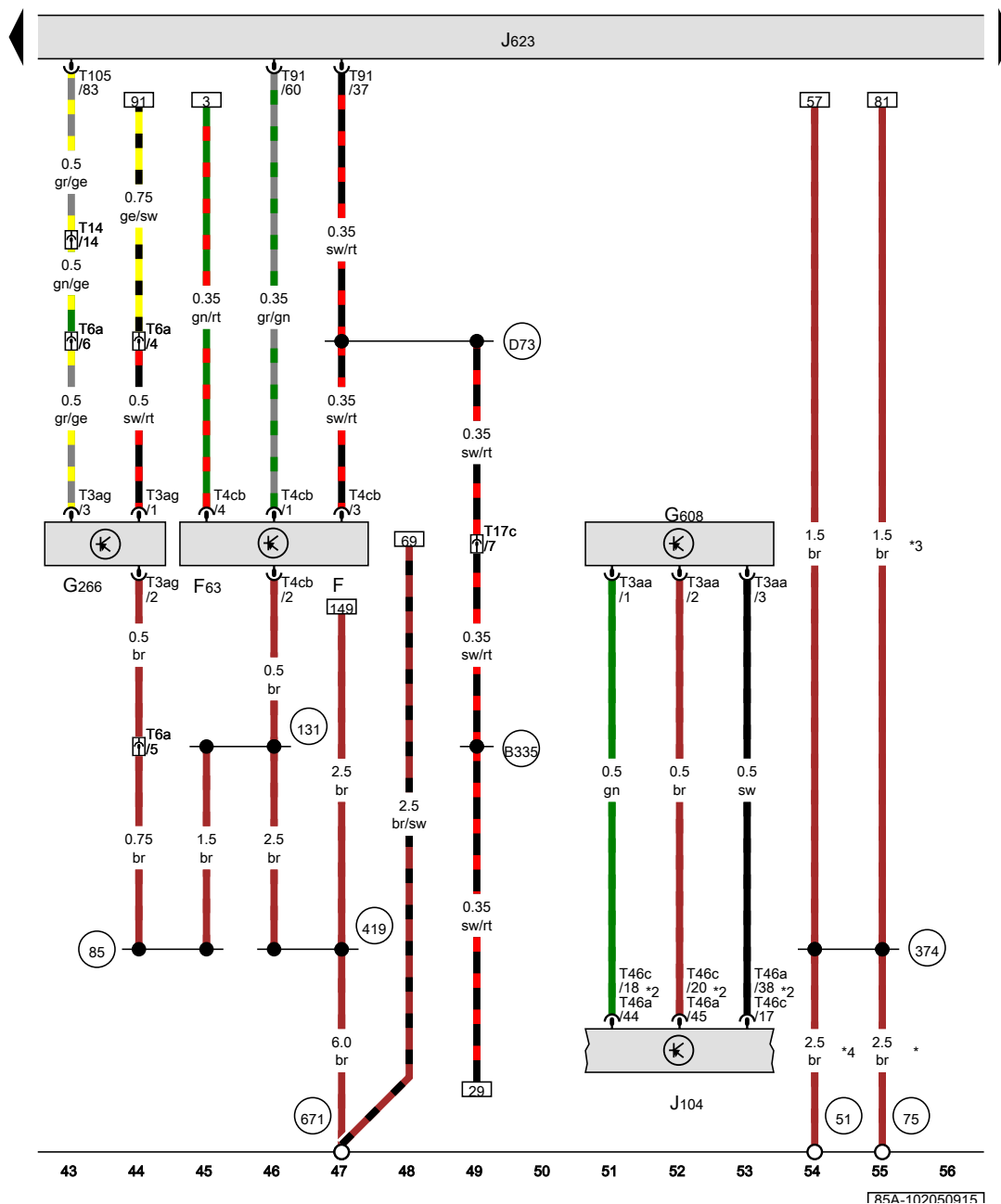
Main relay, Starter relay 1, Starter relay 2

- A Battery
- J271 Main relay
- J906 Starter relay 1
- J907 Starter relay 2
- SB3 Fuse 3 on fuse holder B
- SB6 Fuse 6 on fuse holder B
- SB10 Fuse 10 on fuse holder B
- SB17 Fuse 17 on fuse holder B
- SB22 Fuse 22 on fuse holder B
- * see applicable current flow diagram for battery in engine compartment
- *2 Only models with front-wheel drive
- *3 Only models with all-wheel drive
- *4 Wiring colour depends on equipment

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

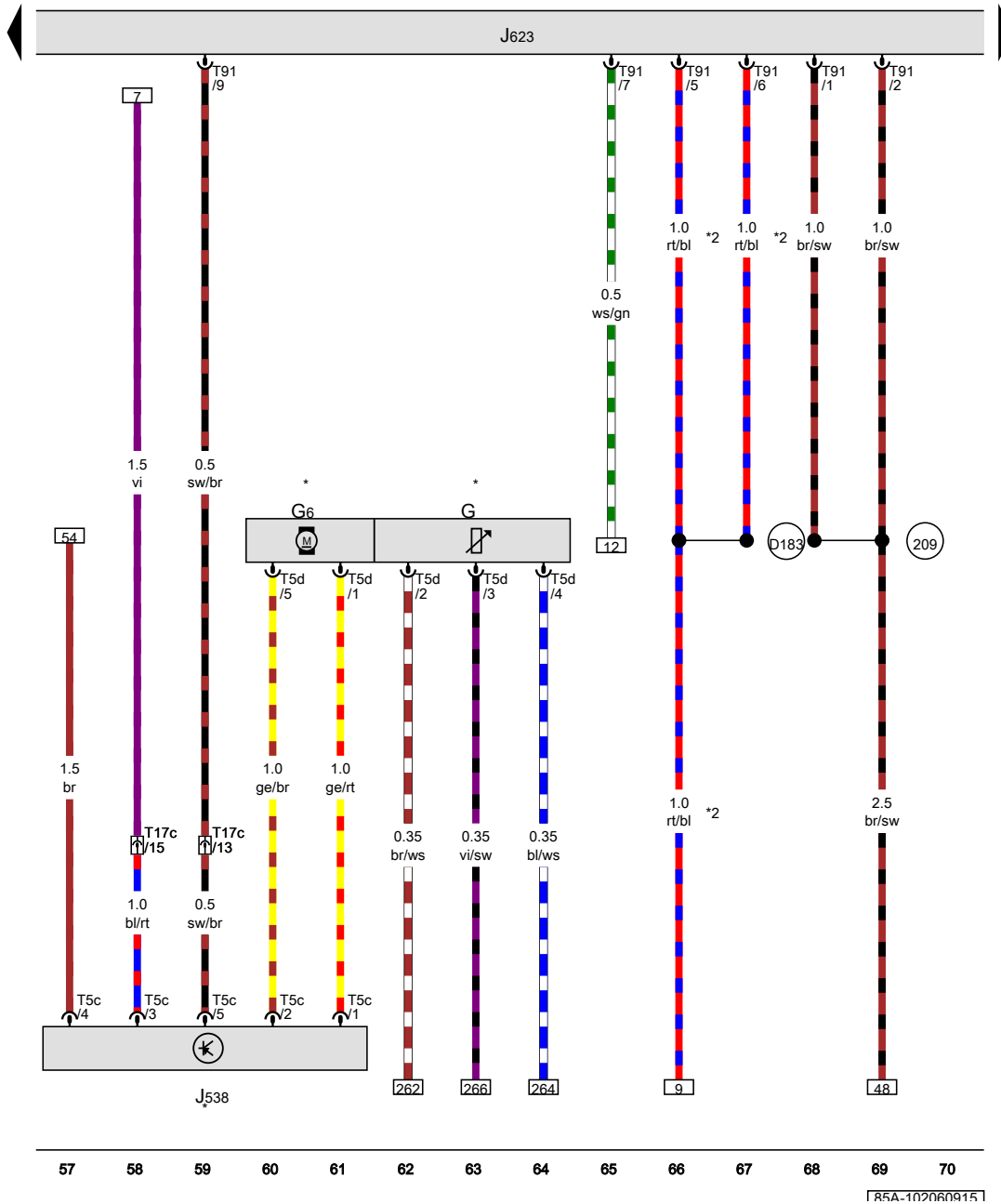


- * Only models with cruise control system (CCS)
- *2 Only models with no entry and start authorisation
- *3 see applicable current flow diagram for battery in engine compartment
- *4 Only models with entry and start authorisation



Brake light switch, Brake pedal switch, Oil level and oil temperature sender, Vacuum sender, Engine control unit

- F Brake light switch
- F63 Brake pedal switch
- G266 Oil level and oil temperature sender
- G608 Vacuum sender
- J104 ABS control unit
- J623 Engine control unit
- T3aa 3-pin connector
- T3ag 3-pin connector
- T4cb 4-pin connector
- T6a 6-pin connector
- T14 14-pin connector, near front left longitudinal member
- T17c 17-pin connector
- T46a 46-pin connector, black
- T46c 46-pin connector, black
- T91 91-pin connector
- T105 105-pin connector
- 51 Earth point, on right in luggage compartment
- 75 Earth point, rear right pillar
- 85 Earth connection 1, in engine compartment wiring harness
- 131 Earth connection 2, in engine compartment wiring harness
- 374 Earth connection 9, in main wiring harness
- 419 Earth connection 11, in engine compartment wiring harness
- 671 Earth point 1, on front of left longitudinal member
- B335 Connection 1 (54), in main wiring harness
- D73 Positive connection (54), in engine compartment wiring harness
- * Only models with 5-doors
- *2 According to equipment
- *3 Only models with no auxiliary heater
- *4 Only models with 4-doors



Fuel gauge sender, Fuel system pressurisation pump, Engine control unit

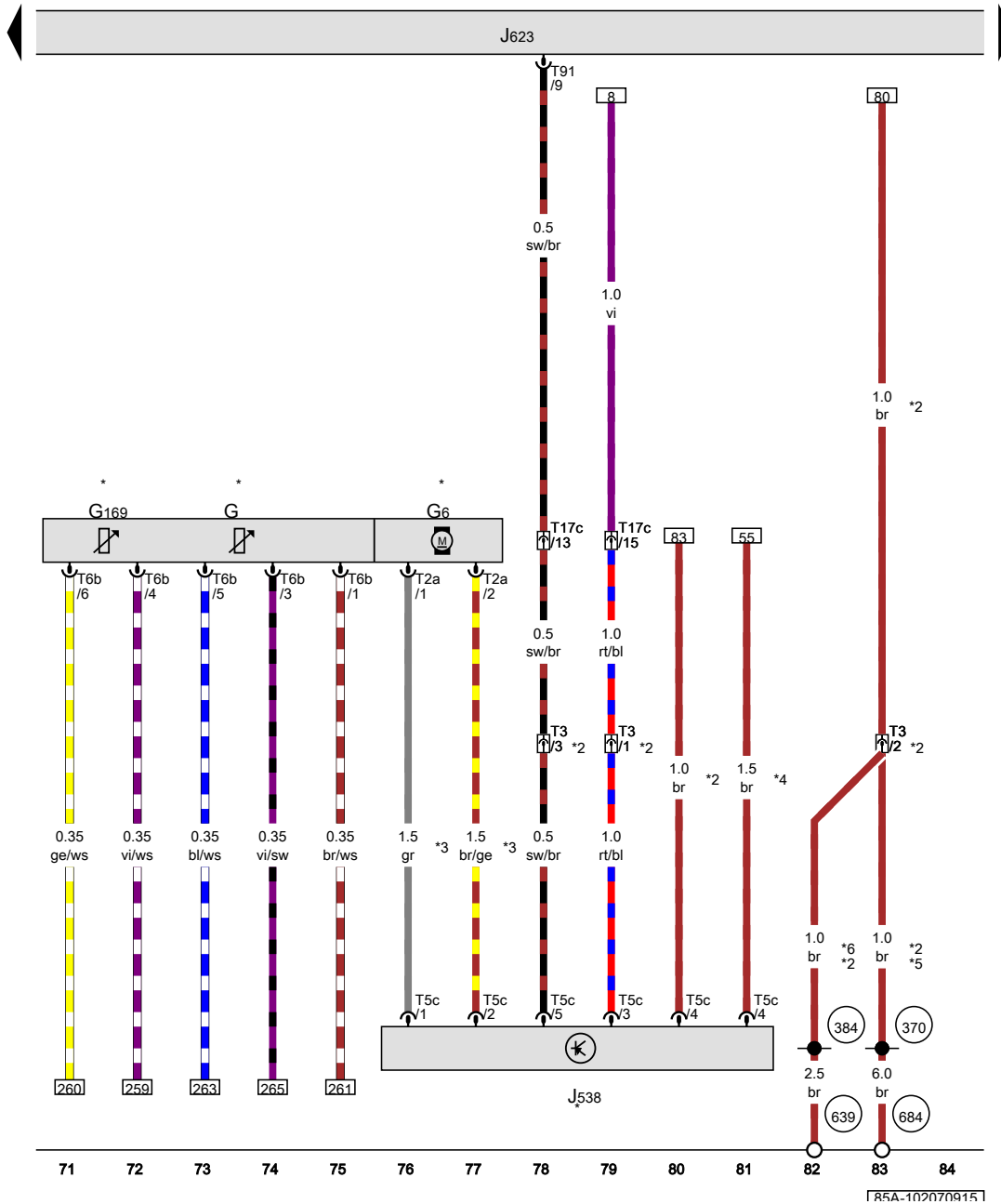
- G Fuel gauge sender
- G6 Fuel system pressurisation pump
- J538 Fuel pump control unit
- J623 Engine control unit
- T5c 5-pin connector
- T5d 5-pin connector
- T17c 17-pin connector
- T91 91-pin connector

209 Earth connection 6, in engine compartment wiring harness

D183 Connection 4 (87a) in engine compartment wiring harness

- * Only models with front-wheel drive
- *2 Wiring colour depends on equipment

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- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
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Fuel gauge sender, Fuel system pressurisation pump, Engine control unit

- G Fuel gauge sender
- G6 Fuel system pressurisation pump
- G169 Fuel gauge sender 2
- J538 Fuel pump control unit
- J623 Engine control unit
- T2a 2-pin connector
- T3 3-pin connector
- T5c 5-pin connector
- T6b 6-pin connector
- T17c 17-pin connector
- T91 91-pin connector

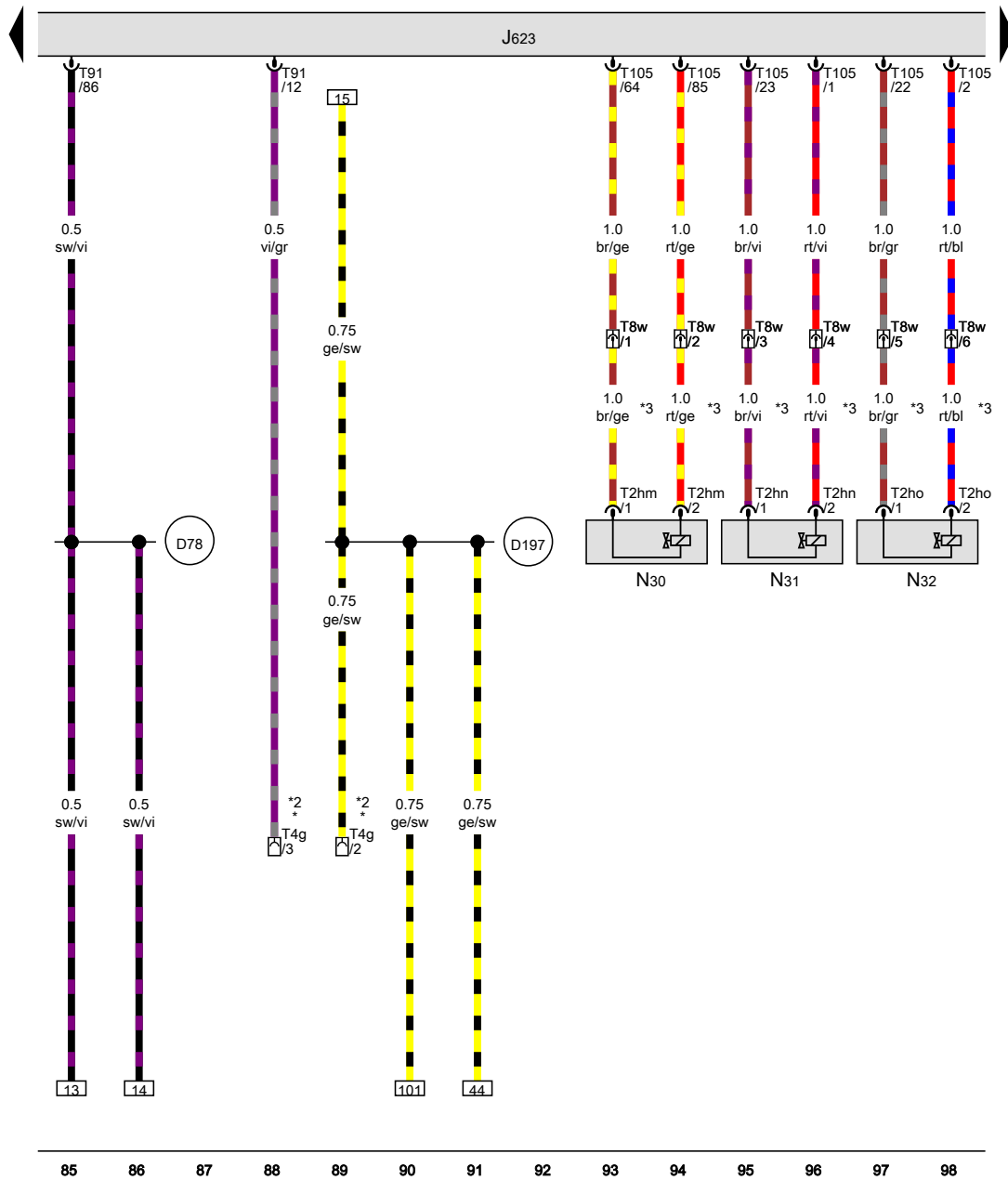
370 Earth connection 5, in main wiring harness

384 Earth connection 19, in main wiring harness

639 Earth point, left A-pillar

684 Earth point on front of left side member

- * Only models with all-wheel drive
- *2 Only models with auxiliary heating
- *3 Wiring colour depends on equipment
- *4 Only models with no auxiliary heater
- *5 Only models with 5-doors
- *6 Only models with 4-doors



Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3

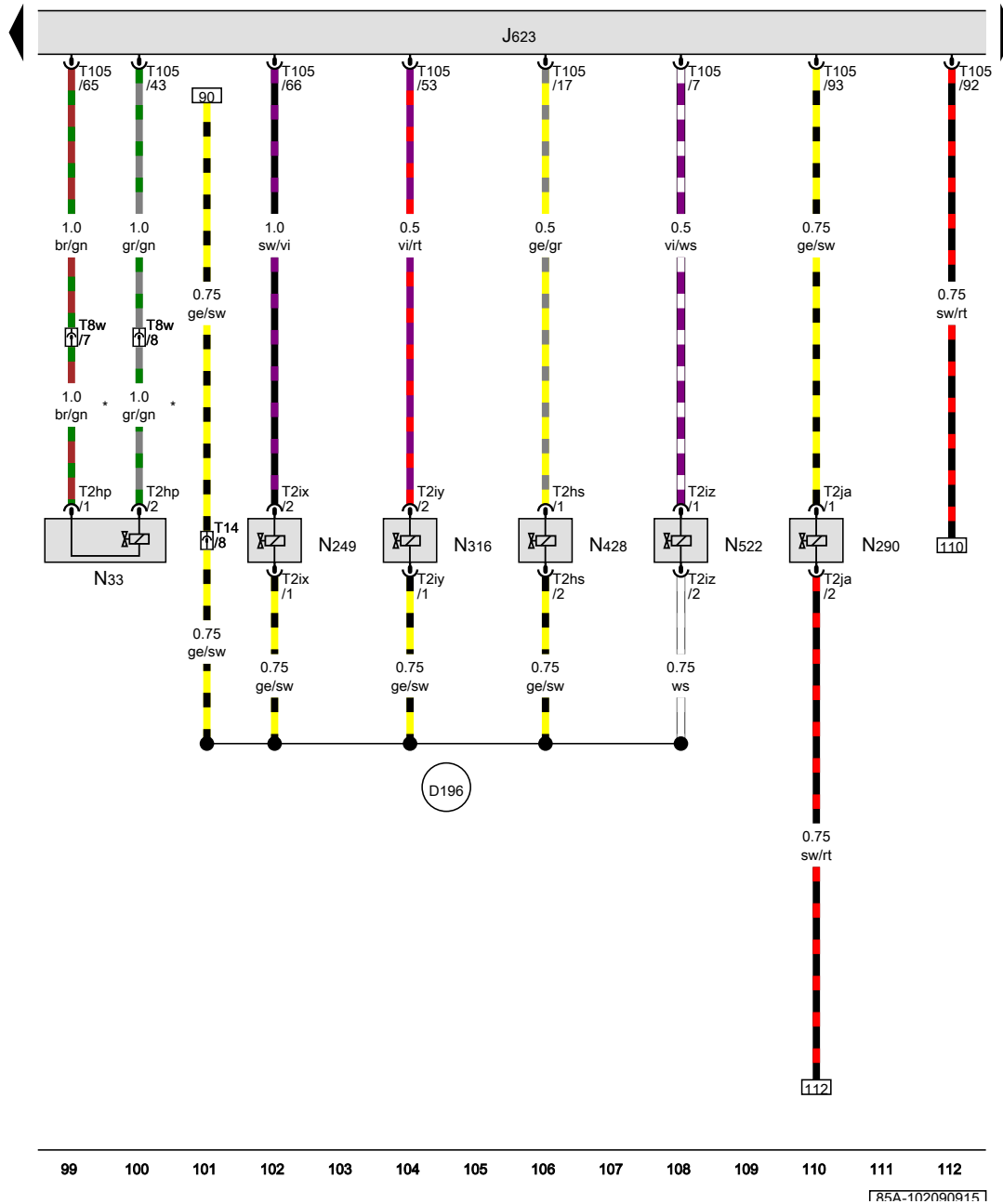
J623 Engine control unit
N30 Injector, cylinder 1
N31 Injector, cylinder 2
N32 Injector, cylinder 3
T2hm 2-pin connector
T2hn 2-pin connector
T2ho 2-pin connector
T4g 4-pin connector
T8w 8-pin connector
T91 91-pin connector
T105 105-pin connector

D78 Positive connection 1 (30a), in engine compartment wiring harness

D197 Connection 5 (87a) in engine compartment wiring harness

* Radiator fan connection
*2 see applicable current flow diagram for radiator fan
*3 Wiring colour depends on equipment

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink



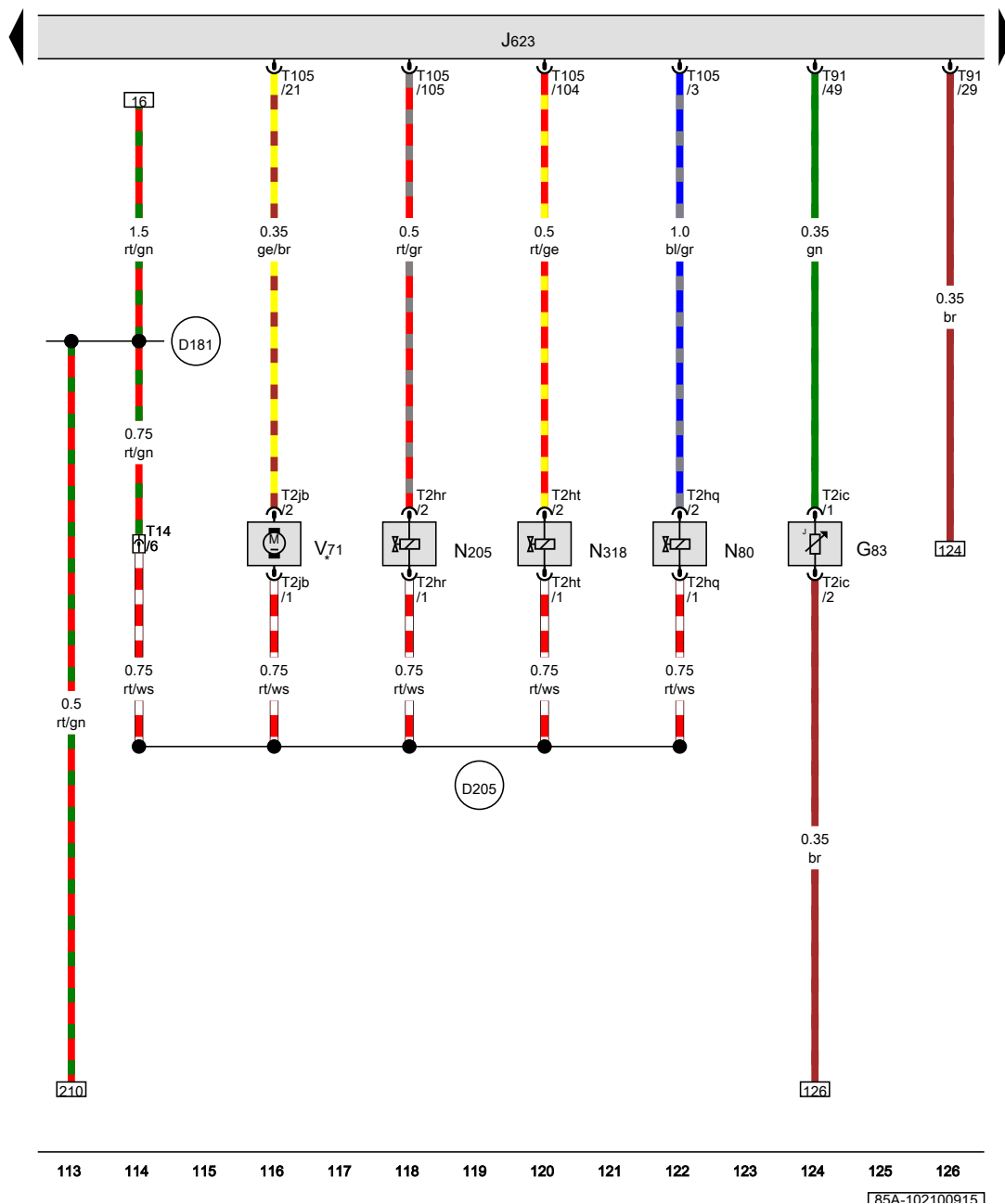
Engine control unit, Injector, cylinder 4, Turbocharger air recirculation valve, Fuel metering valve, Intake manifold flap valve, Valve for oil pressure control, Piston cooling jet control valve

- J623 Engine control unit
- N33 Injector, cylinder 4
- N249 Turbocharger air recirculation valve
- N290 Fuel metering valve
- N316 Intake manifold flap valve
- N428 Valve for oil pressure control
- N522 Piston cooling jet control valve
- T2hp 2-pin connector
- T2hs 2-pin connector
- T2ix 2-pin connector
- T2iy 2-pin connector
- T2iz 2-pin connector
- T2ja 2-pin connector
- T8w 8-pin connector
- T14 14-pin connector, near front left longitudinal member
- T105 105-pin connector

D196 Connection 2 (87a) in engine prewiring harness

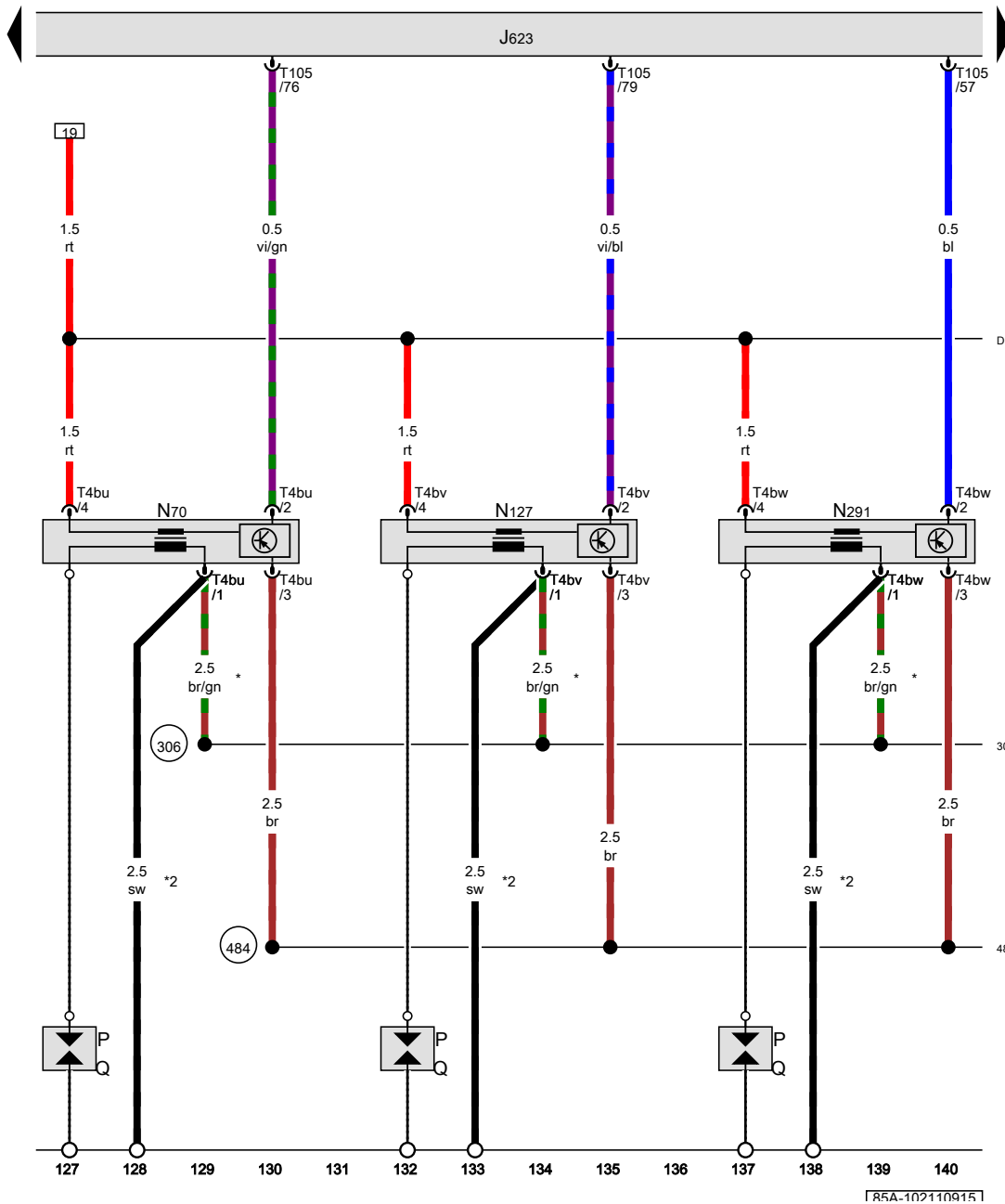
* Wiring colour depends on equipment

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- ro = red
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- gn = green
- bl = blue
- gr = grey
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- ge = yellow
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Radiator outlet coolant temperature sender, Engine control unit, Activated charcoal filter solenoid valve 1, Camshaft control valve 1, Exhaust camshaft control valve 1

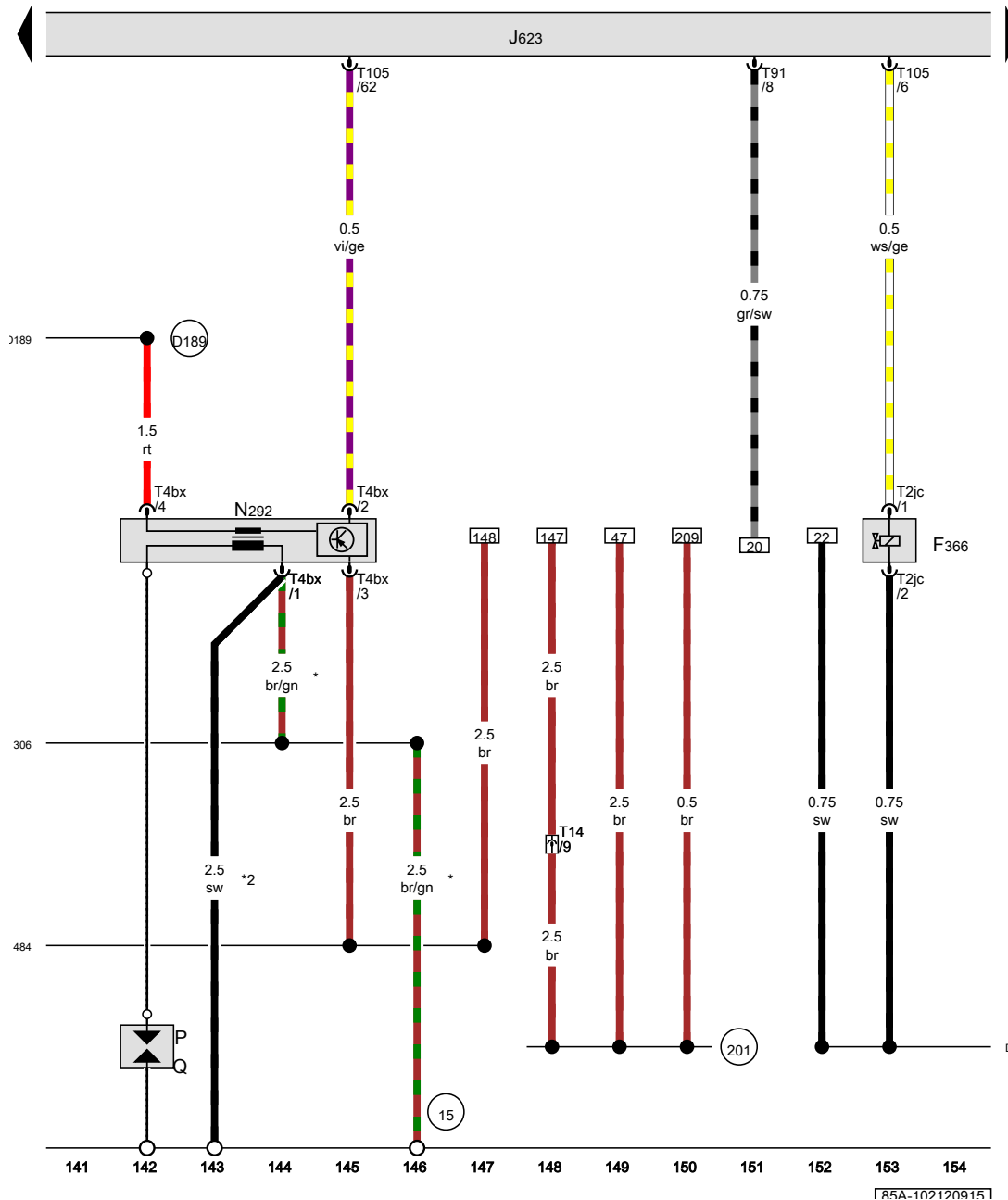
- G83 Radiator outlet coolant temperature sender
- J623 Engine control unit
- N80 Activated charcoal filter solenoid valve 1
- N205 Camshaft control valve 1
- N318 Exhaust camshaft control valve 1
- T2hq 2-pin connector
- T2hr 2-pin connector
- T2ht 2-pin connector
- T2ic 2-pin connector
- T2jb 2-pin connector
- T14 14-pin connector, near front left longitudinal member
- T91 91-pin connector
- T105 105-pin connector
- V71 Air flow flap control motor
- D181 Connection 2 (87a) in engine compartment wiring harness
- D205 Connection 3 (87a) in engine prewiring harness
- * gradual introduction



Engine control unit, Ignition coil 1 with output stage, Ignition coil 2 with output stage, Ignition coil 3 with output stage

- J623 Engine control unit
- N70 Ignition coil 1 with output stage
- N127 Ignition coil 2 with output stage
- N291 Ignition coil 3 with output stage
- P Spark plug connector
- Q Spark plugs
- T4bu 4-pin connector
- T4bv 4-pin connector
- T4bw 4-pin connector
- T105 105-pin connector
- 306 Earth connection (ignition coils), in engine prewiring harness
- 484 Earth connection 2 (ignition coils), in engine prewiring harness
- D189 Connection (87a) in engine prewiring harness
- * Gradually discontinued
- *2 gradual introduction

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



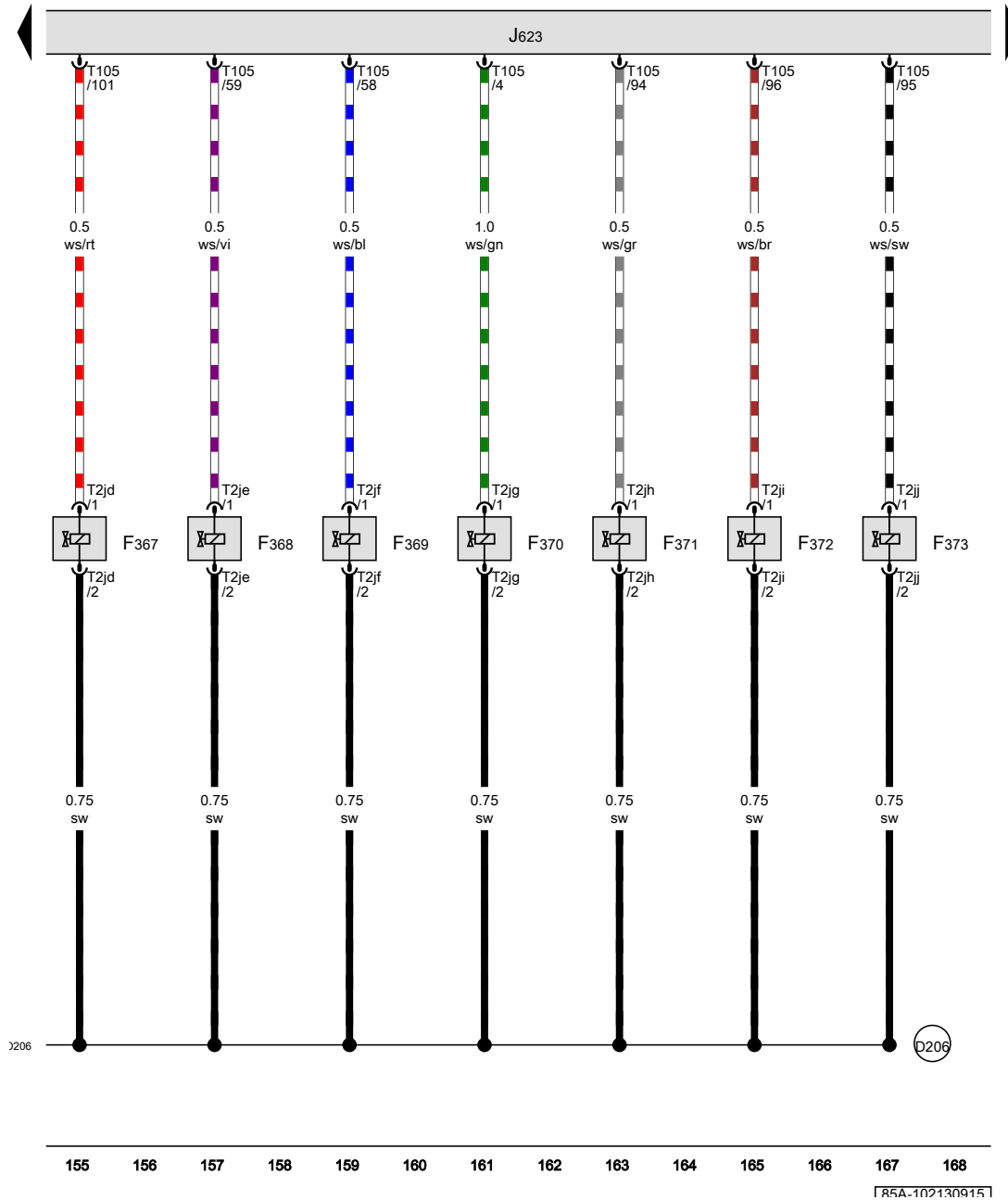
Actuator 1 for camshaft adjustment, Engine control unit, Ignition coil 4 with output stage

- F366 Actuator 1 for camshaft adjustment
- J623 Engine control unit
- N292 Ignition coil 4 with output stage
- P Spark plug connector
- Q Spark plugs
- T2jc 2-pin connector
- T4bx 4-pin connector
- T14 14-pin connector, near front left longitudinal member
- T91 91-pin connector
- T105 105-pin connector

- 15 Earth point, on cylinder head
- 201 Earth connection 5, in engine compartment wiring harness
- 306 Earth connection (ignition coils), in engine prewiring harness
- 484 Earth connection 2 (ignition coils), in engine prewiring harness
- D189 Connection (87a) in engine prewiring harness
- D206 Connection 4 (87a) in engine prewiring harness

- * Gradually discontinued
- *2 gradual introduction

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- gr = grey
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Actuator 2 for camshaft adjustment, Actuator 3 for camshaft adjustment, Actuator 4 for camshaft adjustment, Actuator 5 for camshaft adjustment, Actuator 6 for camshaft adjustment, Actuator 7 for camshaft adjustment, Actuator 8 for camshaft adjustment, Engine control unit

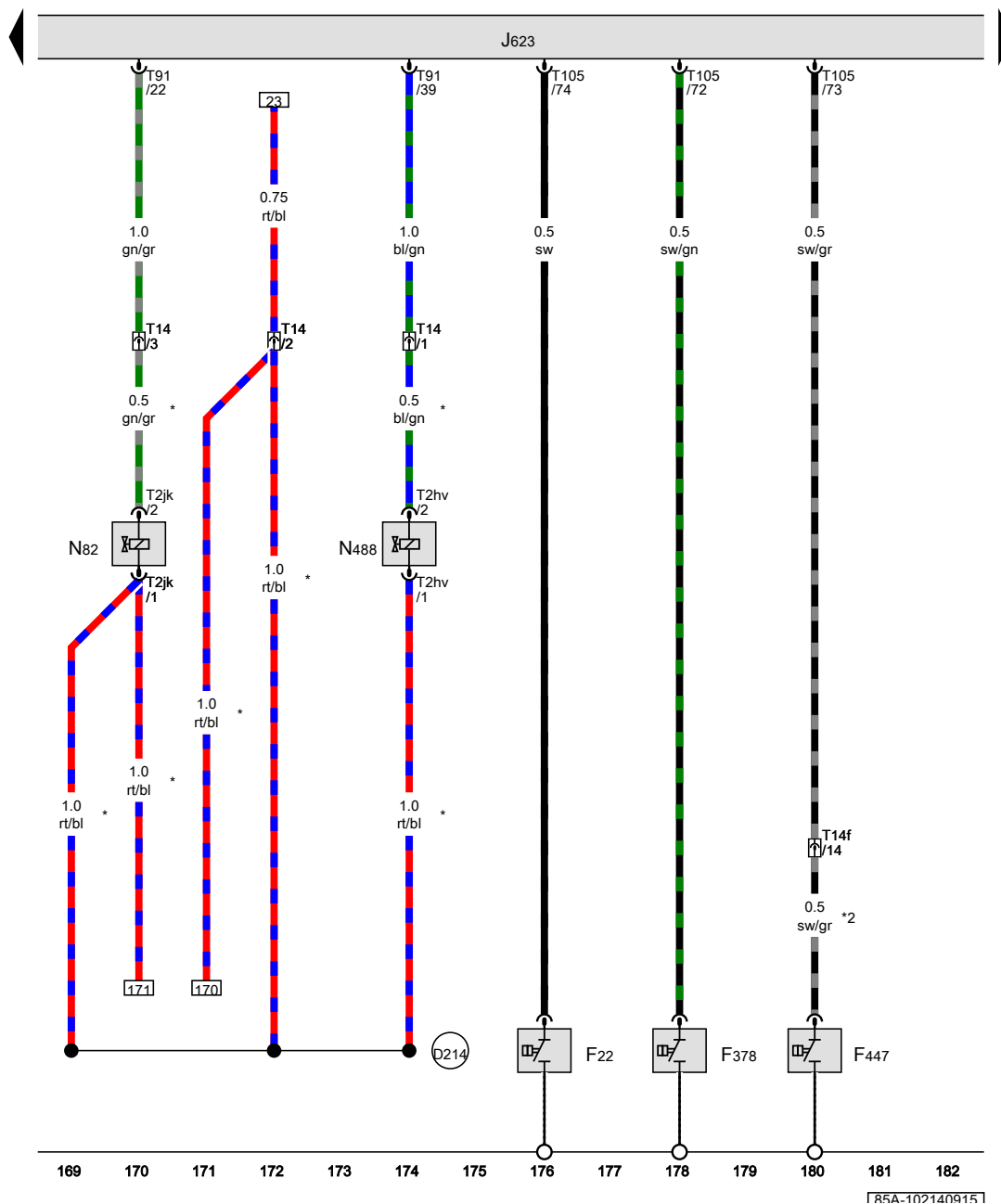
- F367 Actuator 2 for camshaft adjustment
- F368 Actuator 3 for camshaft adjustment
- F369 Actuator 4 for camshaft adjustment
- F370 Actuator 5 for camshaft adjustment
- F371 Actuator 6 for camshaft adjustment
- F372 Actuator 7 for camshaft adjustment
- F373 Actuator 8 for camshaft adjustment
- J623 Engine control unit
- T2jd 2-pin connector
- T2je 2-pin connector
- T2jf 2-pin connector
- T2jg 2-pin connector
- T2jh 2-pin connector
- T2ji 2-pin connector
- T2jj 2-pin connector
- T105 105-pin connector

D206 Connection 4 (87a) in engine prewiring harness

3206

D206

[85A-102130915]



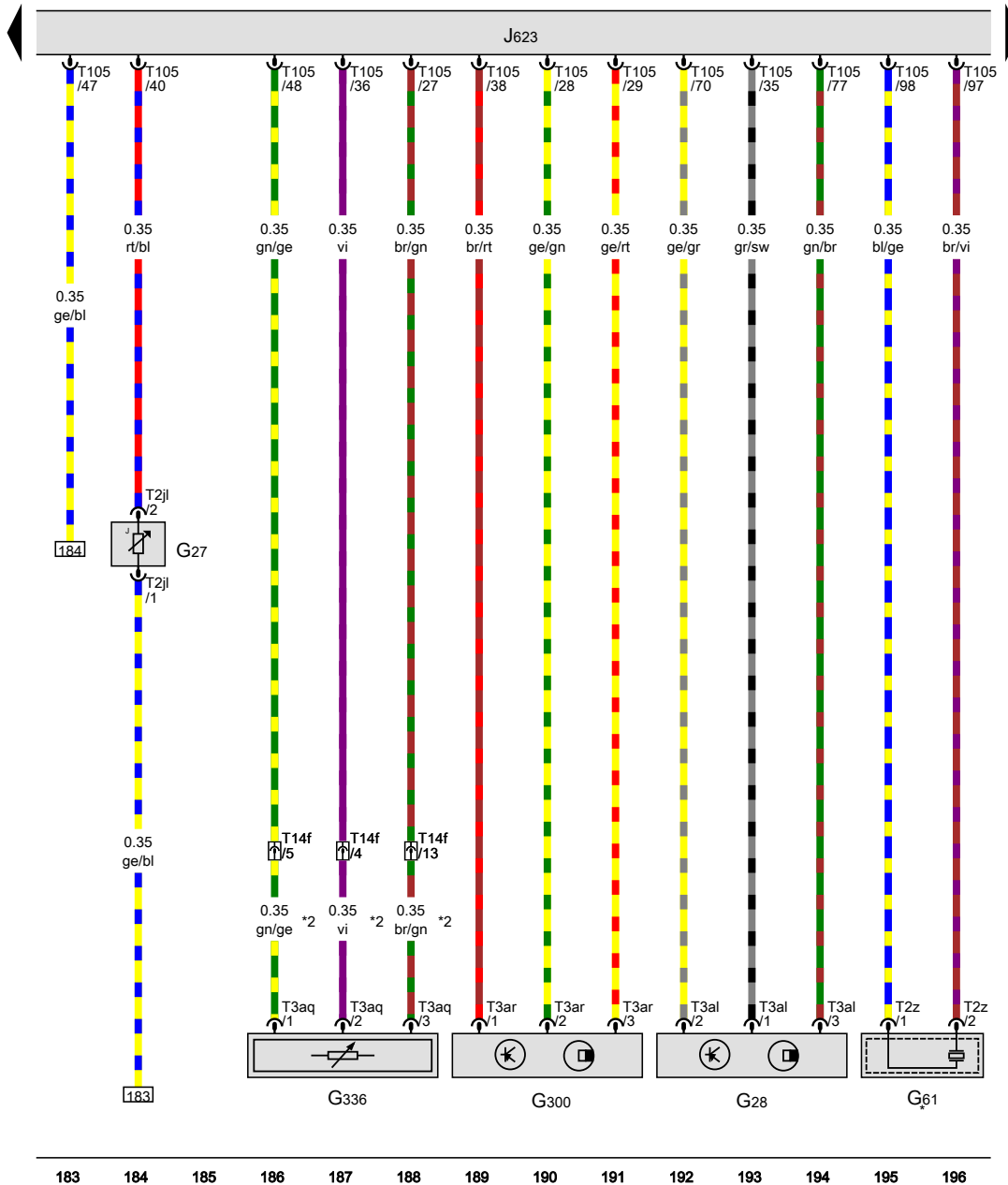
Oil pressure switch, Oil pressure switch for reduced oil pressure, Engine control unit, Coolant shut-off valve, Coolant valve for gearbox

- F22 Oil pressure switch
- F378 Oil pressure switch for reduced oil pressure
- F447 Stage 3 oil pressure switch
- J623 Engine control unit
- N82 Coolant shut-off valve
- N488 Coolant valve for gearbox
- T2hv 2-pin connector
- T2jk 2-pin connector
- T14 14-pin connector
- T14f 14-pin connector, in engine compartment
- T91 91-pin connector
- T105 105-pin connector

D214 Connection 8 (87a) in engine compartment wiring harness

- * According to equipment
- *2 Wiring colour depends on equipment

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- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



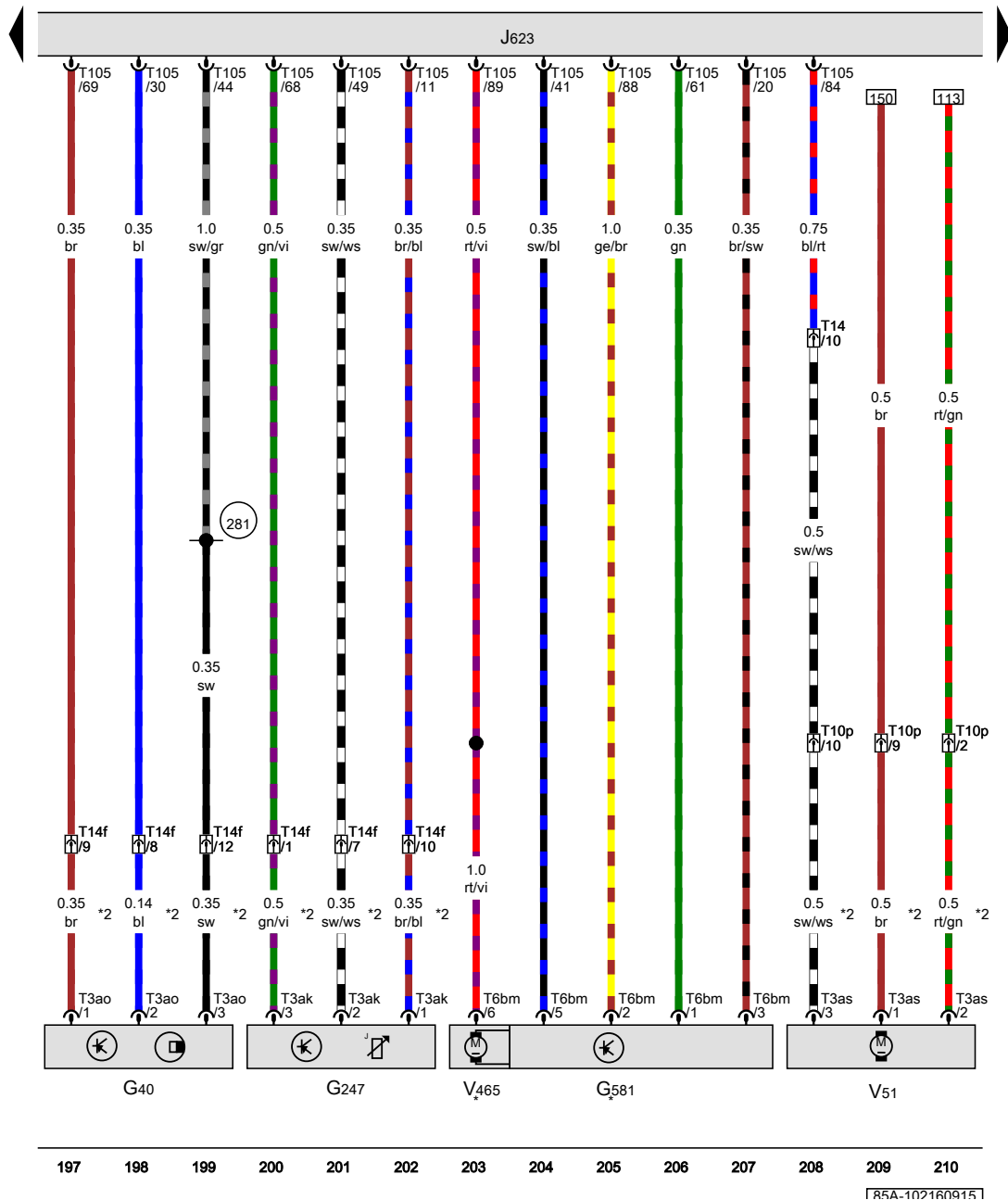
Engine temperature sender, Engine speed sender, Knock sensor 1, Hall sender 3, Intake manifold flap potentiometer, Engine control unit

- G27 Engine temperature sender
- G28 Engine speed sender
- G61 Knock sensor 1
- G300 Hall sender 3
- G336 Intake manifold flap potentiometer
- J623 Engine control unit
- T2jl 2-pin connector
- T2z 2-pin connector
- T3al 3-pin connector
- T3aq 3-pin connector
- T3ar 3-pin connector
- T14f 14-pin connector, in engine compartment
- T105 105-pin connector
- * Pre-wired component
- *2 Wiring colour depends on equipment

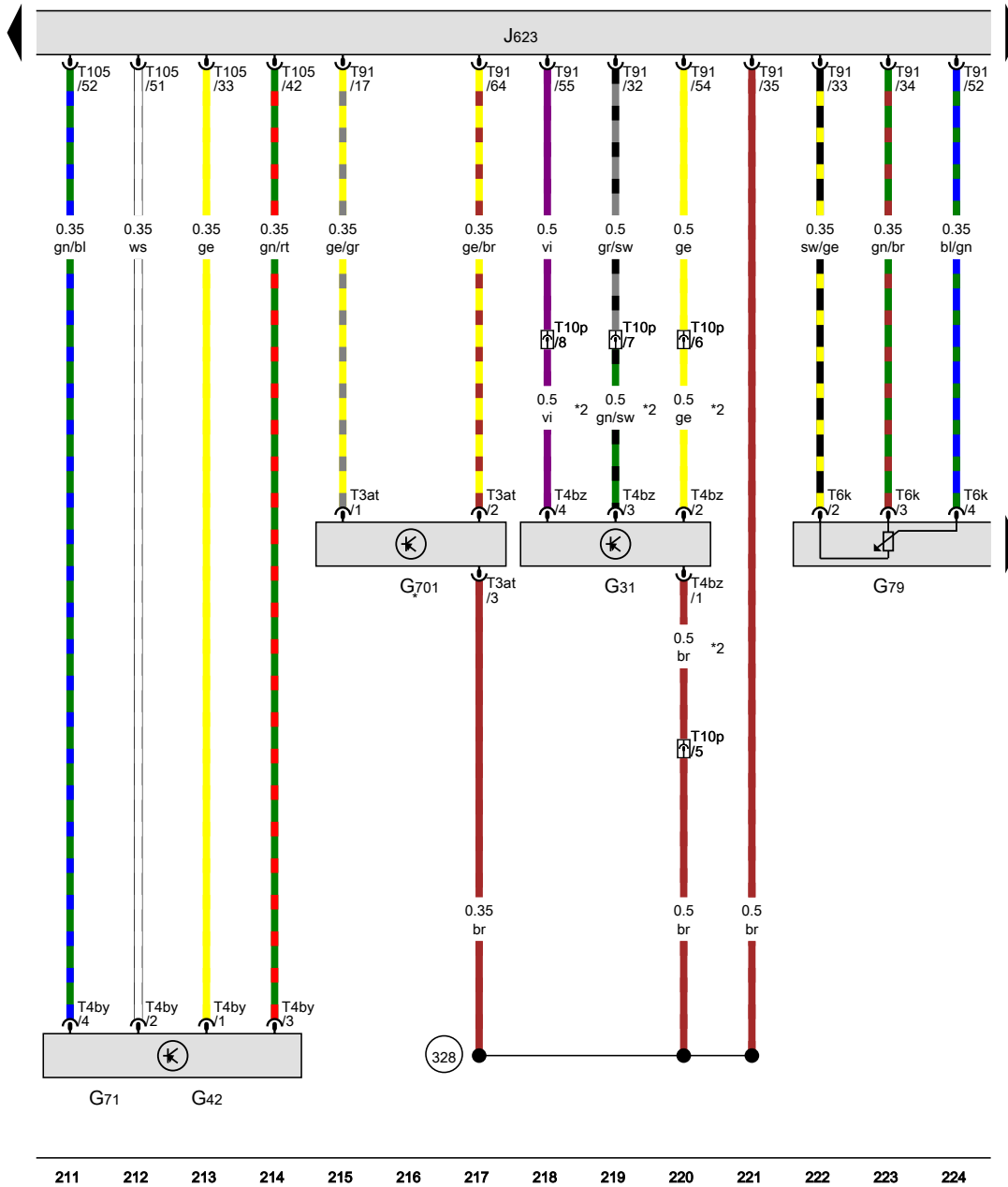
ws = white
 sw = black
 ro = red
 rt = red
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 bl = blue
 gr = grey
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 or = orange
 rs = pink

185A-102150915

Hall sender, Fuel pressure sender, Engine control unit,
Continued coolant circulation pump, Charge pressure
positioner



- G40 Hall sender
- G247 Fuel pressure sender
- G581 Position sender for charge pressure positioner
- J623 Engine control unit
- T3ak 3-pin connector
- T3ao 3-pin connector
- T3as 3-pin connector
- T6bm 6-pin connector
- T10p 10-pin connector
- T14 14-pin connector, near front left longitudinal member
- T14f 14-pin connector, in engine compartment
- T105 105-pin connector
- V51 Continued coolant circulation pump
- V465 Charge pressure positioner
- 281 Earth point 1, engine prewiring harness
- * If fitted
- *2 Wiring colour depends on equipment



Charge pressure sender, Intake air temperature sender, Intake manifold pressure sender, Gearbox neutral position sender, Engine control unit

- G31 Charge pressure sender
- G42 Intake air temperature sender
- G71 Intake manifold pressure sender
- G79 Accelerator position sender
- G701 Gearbox neutral position sender
- J623 Engine control unit
- T3at 3-pin connector
- T4by 4-pin connector
- T4bz 4-pin connector
- T6k 6-pin connector
- T10p 10-pin connector
- T91 91-pin connector
- T105 105-pin connector

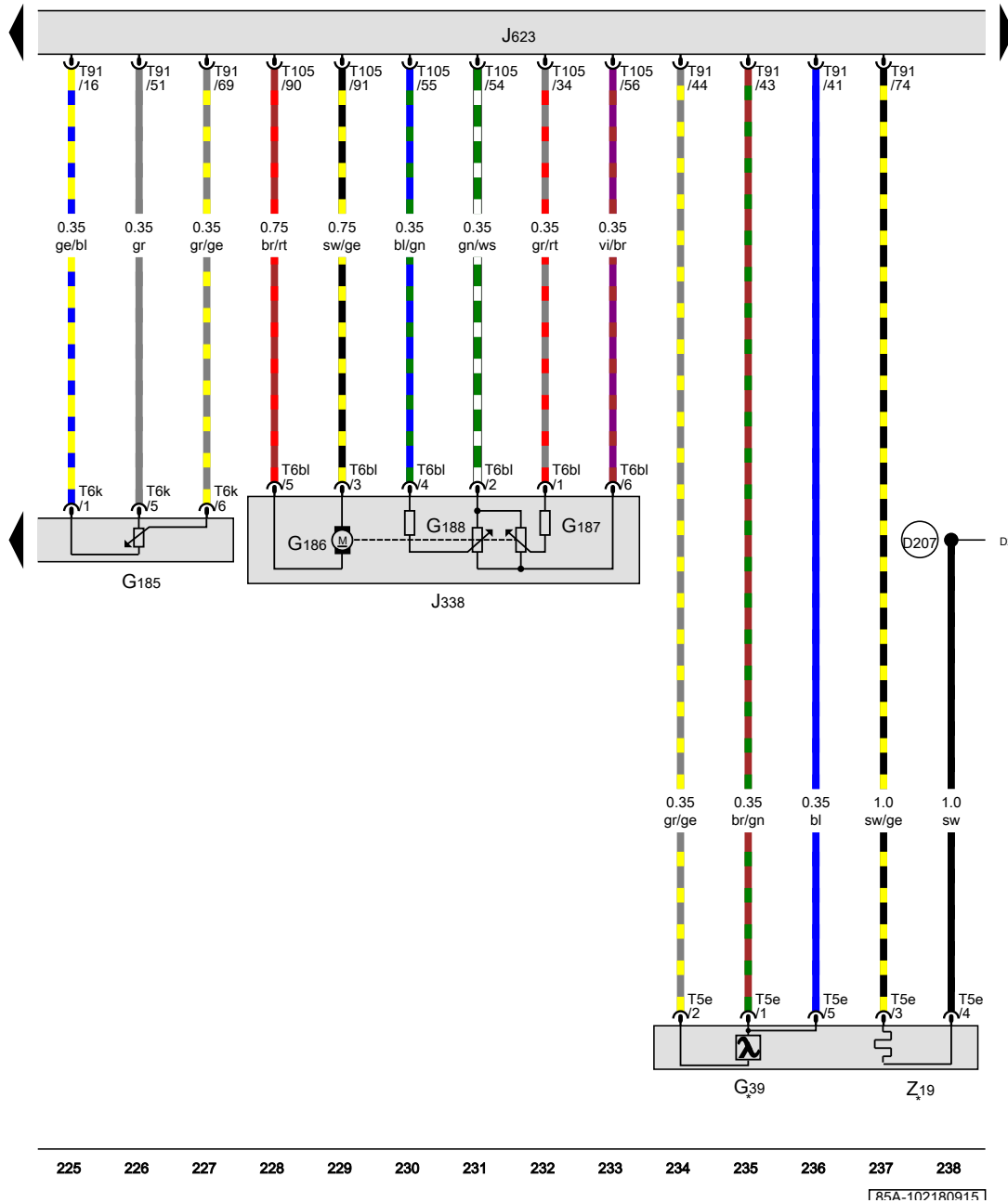
328 Earth connection 2 (sender earth), in engine compartment wiring harness

* If fitted

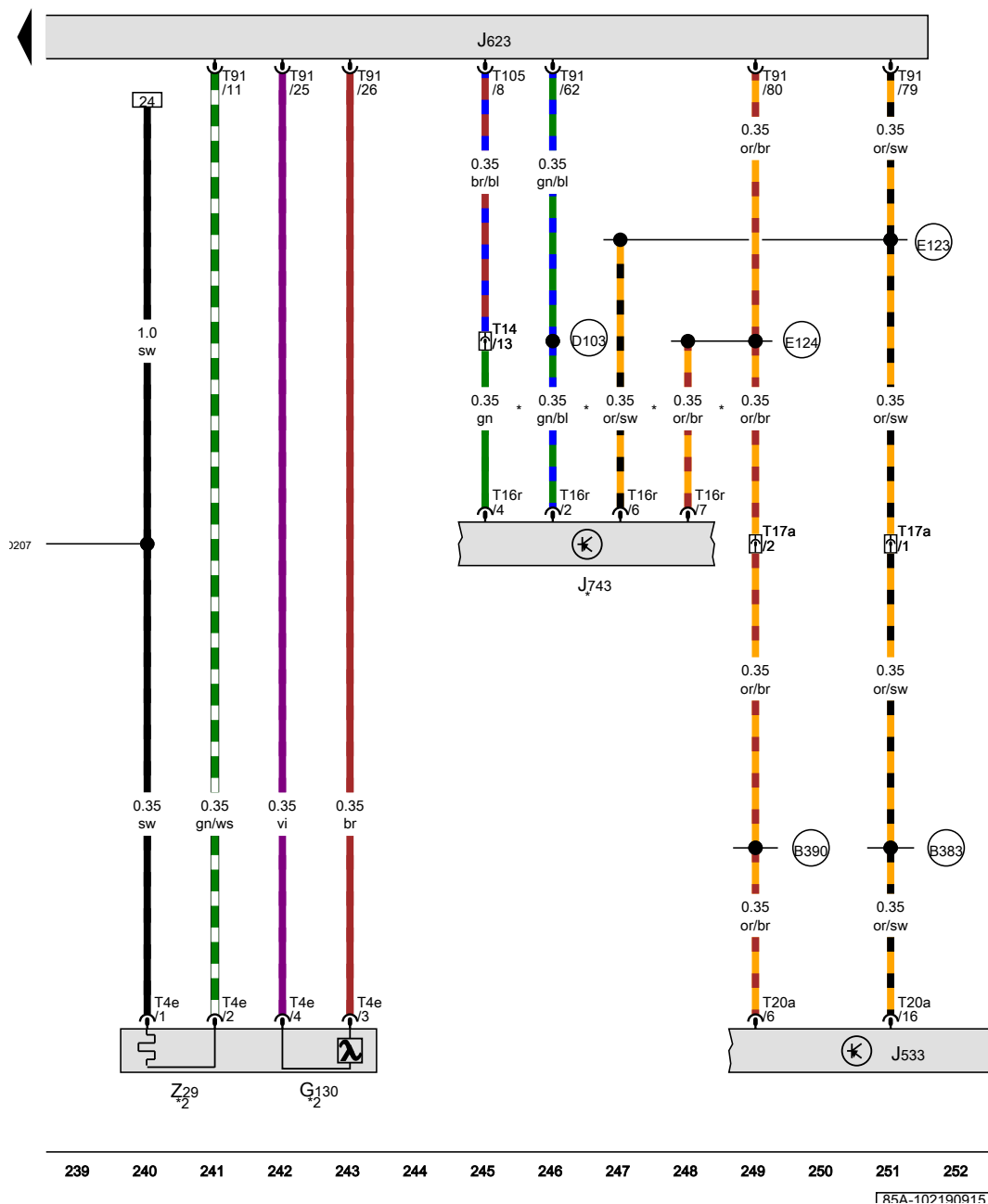
*2 Wiring colour depends on equipment

ws = white
sw = black
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rt = red
br = brown
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bl = blue
gr = grey
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vi = purple
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Lambda probe, Accelerator position sender 2, Throttle valve module, Engine control unit



- G39 Lambda probe
- G185 Accelerator position sender 2
- G186 Throttle valve drive for electric throttle
- G187 Throttle valve drive angle sender 1 for electric throttle
- G188 Throttle valve drive angle sender 2 for electric throttle
- J338 Throttle valve module
- J623 Engine control unit
- T5e 5-pin connector
- T6bl 6-pin connector
- T6k 6-pin connector
- T91 91-pin connector
- T105 105-pin connector
- Z19 Lambda probe heater
- D207 Connection 7 (87a) in engine compartment wiring harness
- * Pre-wired component

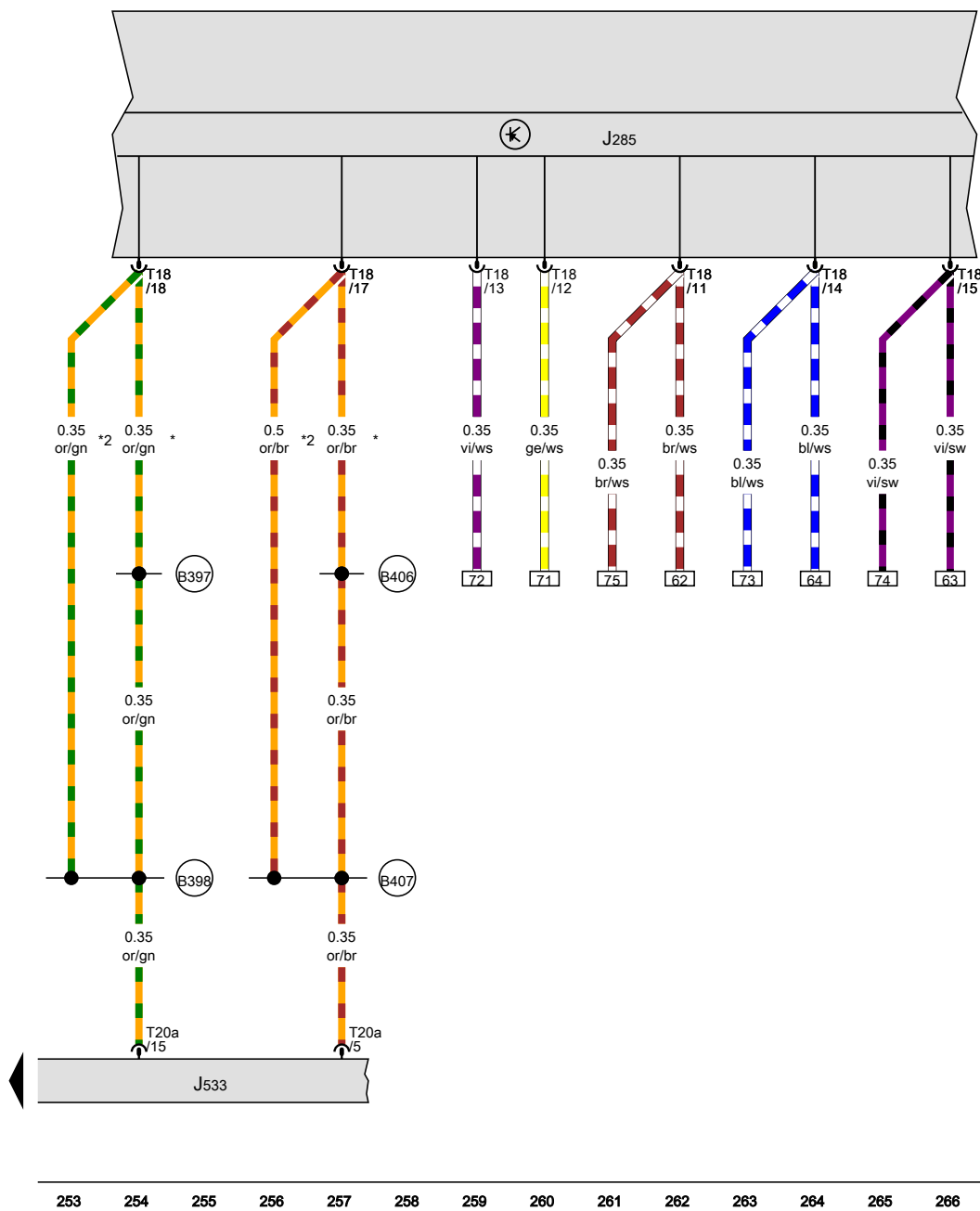


Lambda probe after catalytic converter, Data bus diagnostic interface, Engine control unit, Mechatronic unit for dual clutch gearbox

- G130 Lambda probe after catalytic converter
- J533 Data bus diagnostic interface
- J623 Engine control unit
- J743 Mechatronic unit for dual clutch gearbox
- T4e 4-pin connector
- T14 14-pin connector
- T16r 16-pin connector
- T17a 17-pin connector
- T20a 20-pin connector
- T91 91-pin connector
- T105 105-pin connector
- Z29 Lambda probe 1 heater after catalytic converter

- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- D103 Connection 3 in engine compartment wiring harness
- D207 Connection 7 (87a) in engine compartment wiring harness
- E123 Connection 1 (powertrain CAN bus, high), in engine wiring harness
- E124 Connection 1 (powertrain CAN bus, low), in engine wiring harness
- * see applicable current flow diagram for dual clutch gearbox
- *2 Pre-wired component

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Control unit in dash panel insert, Data bus diagnostic interface

- J285 Control unit in dash panel insert
- J533 Data bus diagnostic interface
- T18 18-pin connector
- T20a 20-pin connector
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness
- * Only left-hand drive models
- *2 Only right-hand drive models

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7-speed dual clutch gearbox 0DE (S tronic) , (0IE)

From October 2014

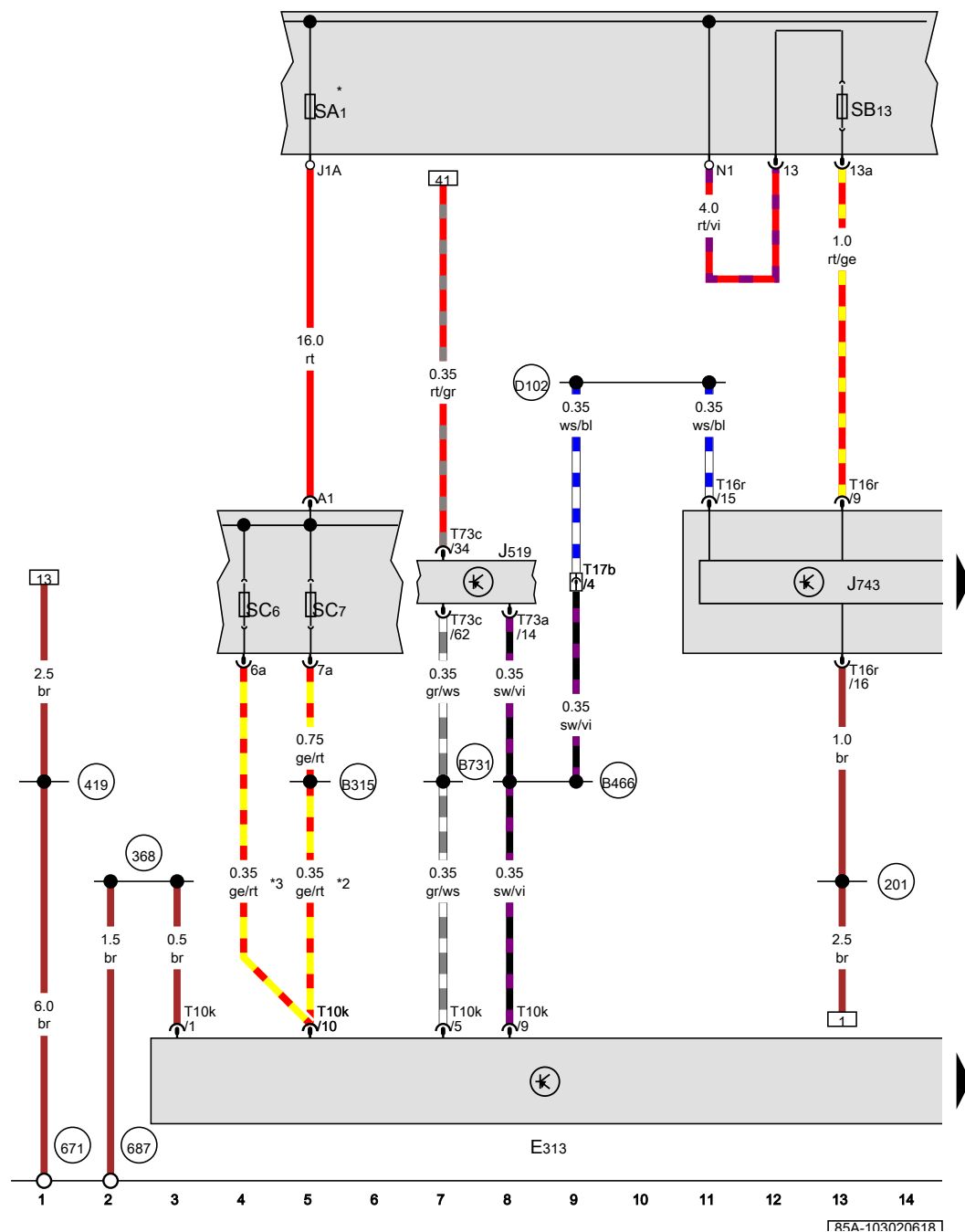
Selector lever, Onboard supply control unit, Mechatronic unit for dual clutch gearbox

- E313 Selector lever
- J519 Onboard supply control unit
- J743 Mechatronic unit for dual clutch gearbox
- SA1 Fuse 1 on fuse holder A
- SC6 Fuse 6 on fuse holder C
- SC7 Fuse 7 on fuse holder C
- SB13 Fuse 13 on fuse holder B
- T10k 10-pin connector
- T16r 16-pin connector
- T17b 17-pin connector
- T73a 73-pin connector
- T73c 73-pin connector

- 201 Earth connection 5, in engine compartment wiring harness
- 368 Earth connection 3, in main wiring harness
- 419 Earth connection 11, in engine compartment wiring harness
- 671 Earth point 1, on front of left longitudinal member
- 687 Earth point 1, on centre tunnel
- B315 Positive connection 1 (30a) in main wiring harness
- B466 Connection 2, in main wiring harness
- B731 Connection 1 (58s), in main wiring harness
- D102 Connection 2 in engine compartment wiring harness

- * see applicable current flow diagram for battery in engine compartment
- *2 Up to April 2015
- *3 From May 2015

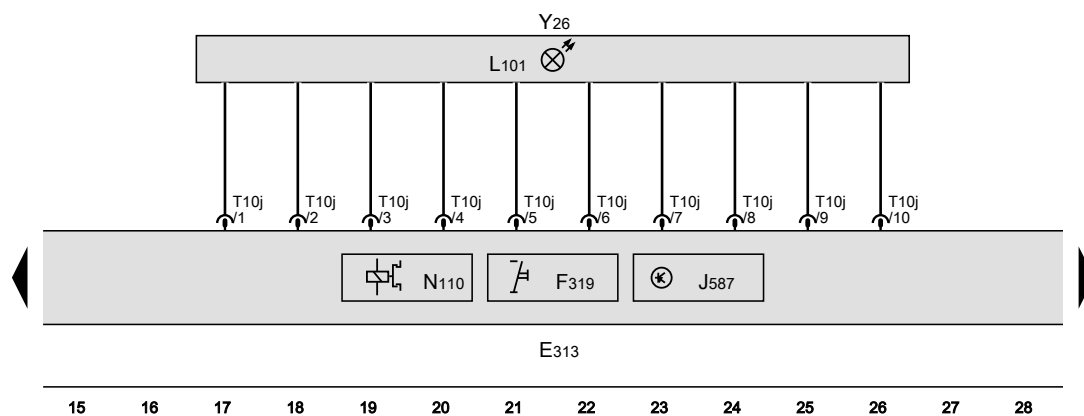
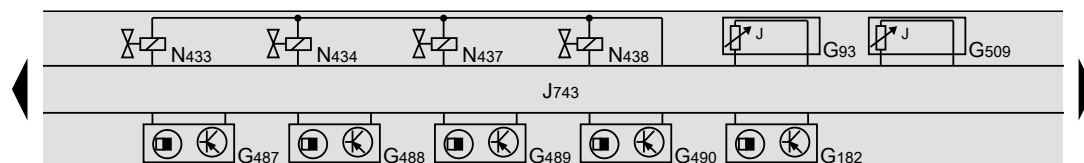
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185A-103020R1R1

Selector lever, Selector lever locked in position P switch, Gearbox oil temperature sender, Clutch temperature sender, Selector lever sensors control unit, Mechatronic unit for dual clutch gearbox, Selector lever lock solenoid, Valve 1 in gear train half 1, Valve 2 in gear train half 1, Valve 1 in gear train half 2, Valve 2 in gear train half 2, Selector lever position display

- E313 Selector lever
- F319 Selector lever locked in position P switch
- G93 Gearbox oil temperature sender
- G182 Gearbox input speed sender
- G487 Gear selector movement sensor 1
- G488 Gear selector movement sensor 2
- G489 Gear selector movement sensor 3
- G490 Gear selector movement sensor 4
- G509 Clutch temperature sender
- J587 Selector lever sensors control unit
- J743 Mechatronic unit for dual clutch gearbox
- L101 Selector lever display illumination bulb
- N110 Selector lever lock solenoid
- N433 Valve 1 in gear train half 1
- N434 Valve 2 in gear train half 1
- N437 Valve 1 in gear train half 2
- N438 Valve 2 in gear train half 2
- T10j 10-pin connector
- Y26 Selector lever position display

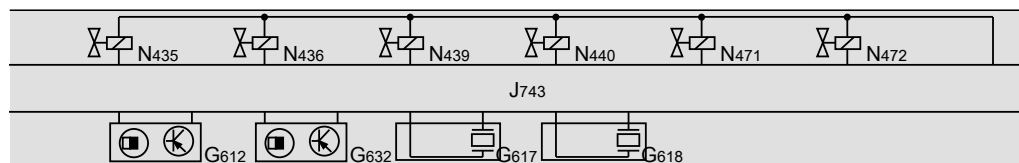
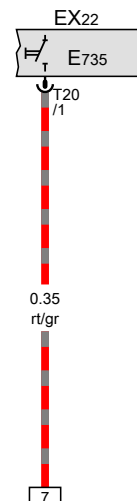


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- gr = grey
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185A-1030306181

Selector lever, Mechatronic unit for dual clutch gearbox, Valve 3 in gear train half 1, Valve 4 in gear train half 1, Valve 3 in gear train half 2, Valve 4 in gear train half 2, Cooling oil valve, Main pressure valve

- EX22 Centre switch module in dash panel
- E313 Selector lever
- E735 Driving mode selection button
- G612 Gearbox input speed sender 2
- G617 Clutch travel sender 1
- G618 Clutch travel sender 2
- G632 Gearbox input speed sender 1
- J743 Mechatronic unit for dual clutch gearbox
- N435 Valve 3 in gear train half 1
- N436 Valve 4 in gear train half 1
- N439 Valve 3 in gear train half 2
- N440 Valve 4 in gear train half 2
- N471 Cooling oil valve
- N472 Main pressure valve
- T20 20-pin connector, red

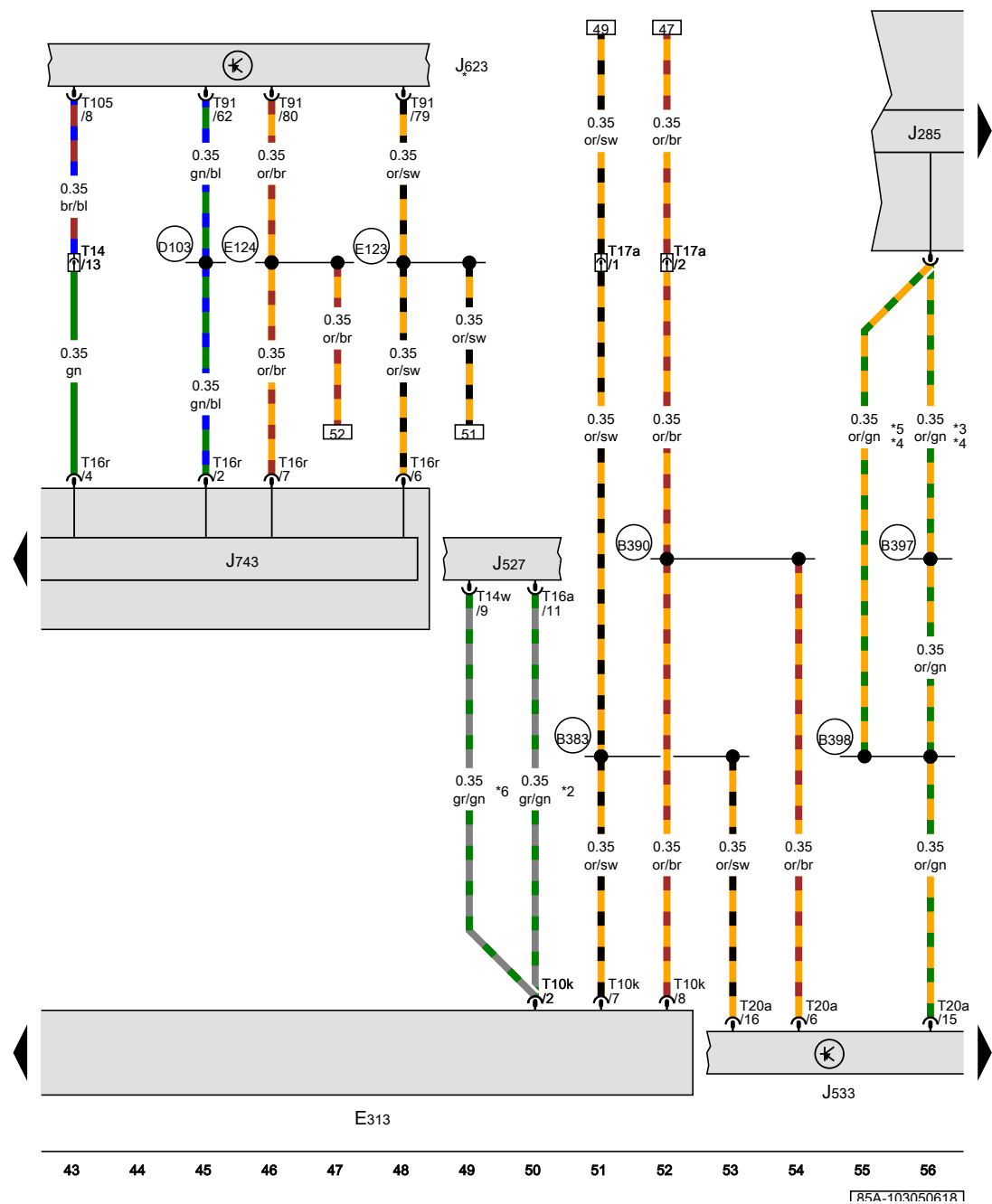


- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



29 30 31 32 33 34 35 36 37 38 39 40 41 42

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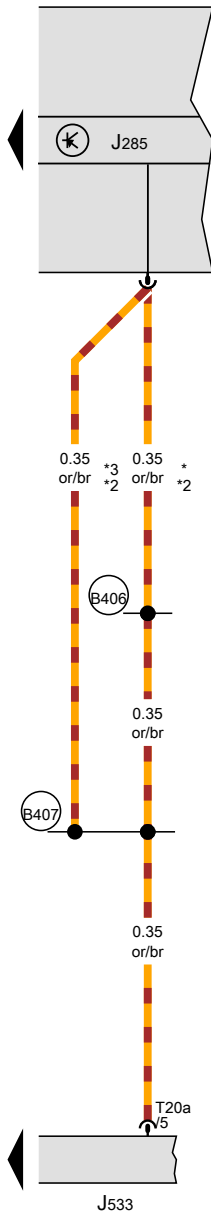


Selector lever, Control unit in dash panel insert, Data bus diagnostic interface, Engine/motor control unit, Mechatronic unit for dual clutch gearbox

- E313 Selector lever
- J285 Control unit in dash panel insert
- J527 Steering column electronics control unit
- J533 Data bus diagnostic interface
- J623 Engine/motor control unit
- J743 Mechatronic unit for dual clutch gearbox
- T10k 10-pin connector
- T14 14-pin connector
- T14w 14-pin connector, black
- T16a 16-pin connector
- T16r 16-pin connector
- T17a 17-pin connector
- T20a 20-pin connector
- T91 91-pin connector
- T105 105-pin connector

- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- D103 Connection 3 in engine compartment wiring harness
- E123 Connection 1 (powertrain CAN bus, high), in engine wiring harness
- E124 Connection 1 (powertrain CAN bus, low), in engine wiring harness

- * see applicable current flow diagram for engine
- *2 For models with no heated steering wheel
- *3 For left-hand drive models
- *4 see applicable current flow diagram for dash panel insert
- *5 For right-hand drive models
- *6 For models with heated steering wheel



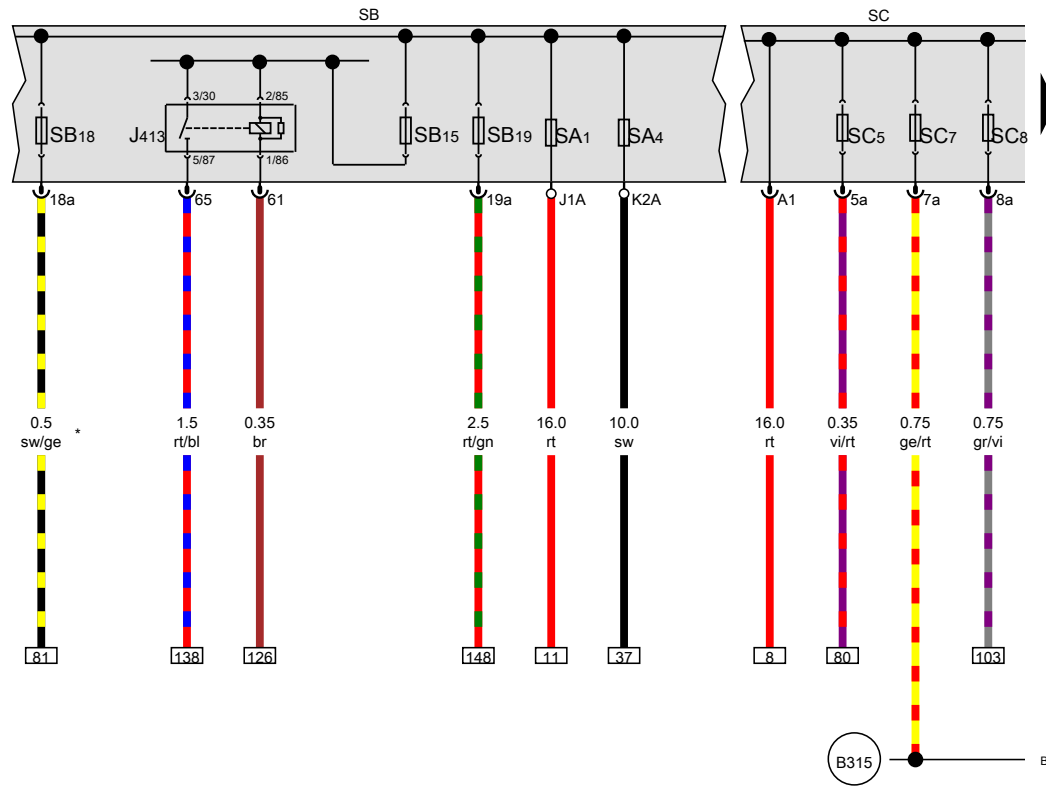
Control unit in dash panel insert, Data bus diagnostic interface

- J285 Control unit in dash panel insert
- J533 Data bus diagnostic interface
- T20a 20-pin connector
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness
- * For left-hand drive models
- *2 see applicable current flow diagram for dash panel insert
- *3 For right-hand drive models

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
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 vi = purple
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 or = orange
 rs = pink

Basic equipment (Canada, Mexico, USA) , (L0L),(5C1)

From November 2014



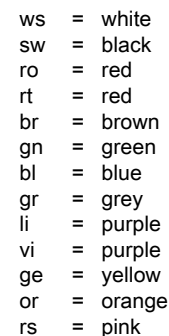
Horn relay, Fuse holder C

- J413 Horn relay
- SA1 Fuse 1 on fuse holder A
- SA4 Fuse 4 on fuse holder A
- SB Fuse holder B
- SB15 Fuse 15 on fuse holder B
- SB18 Fuse 18 on fuse holder B
- SB19 Fuse 19 on fuse holder B
- SC Fuse holder C
- SC5 Fuse 5 on fuse holder C
- SC7 Fuse 7 on fuse holder C
- SC8 Fuse 8 on fuse holder C

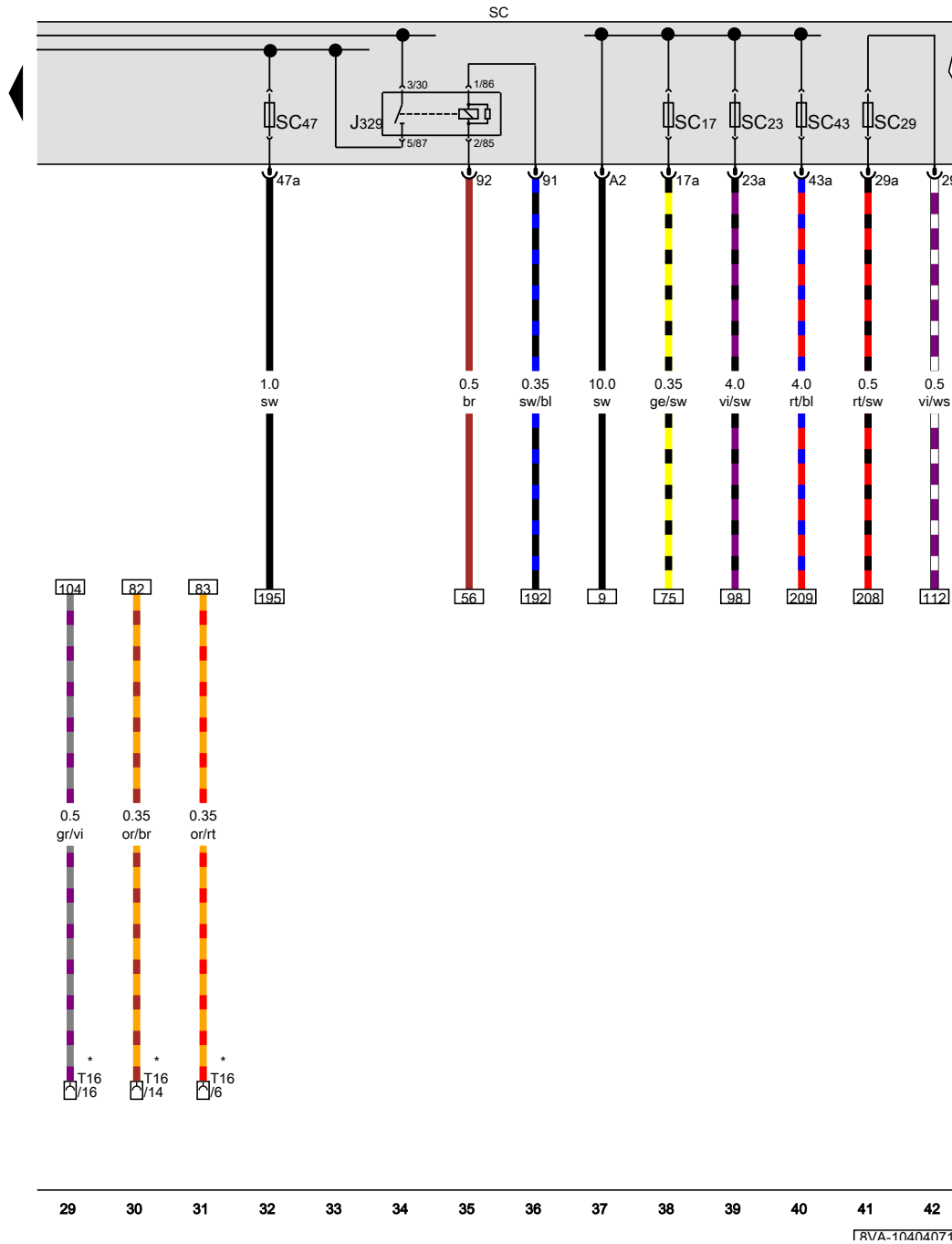
B315 Positive connection 1 (30a) in main wiring harness

* For models with no start/stop system

ws = white
sw = black
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rt = red
br = brown
gn = green
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* Diagnostic connection



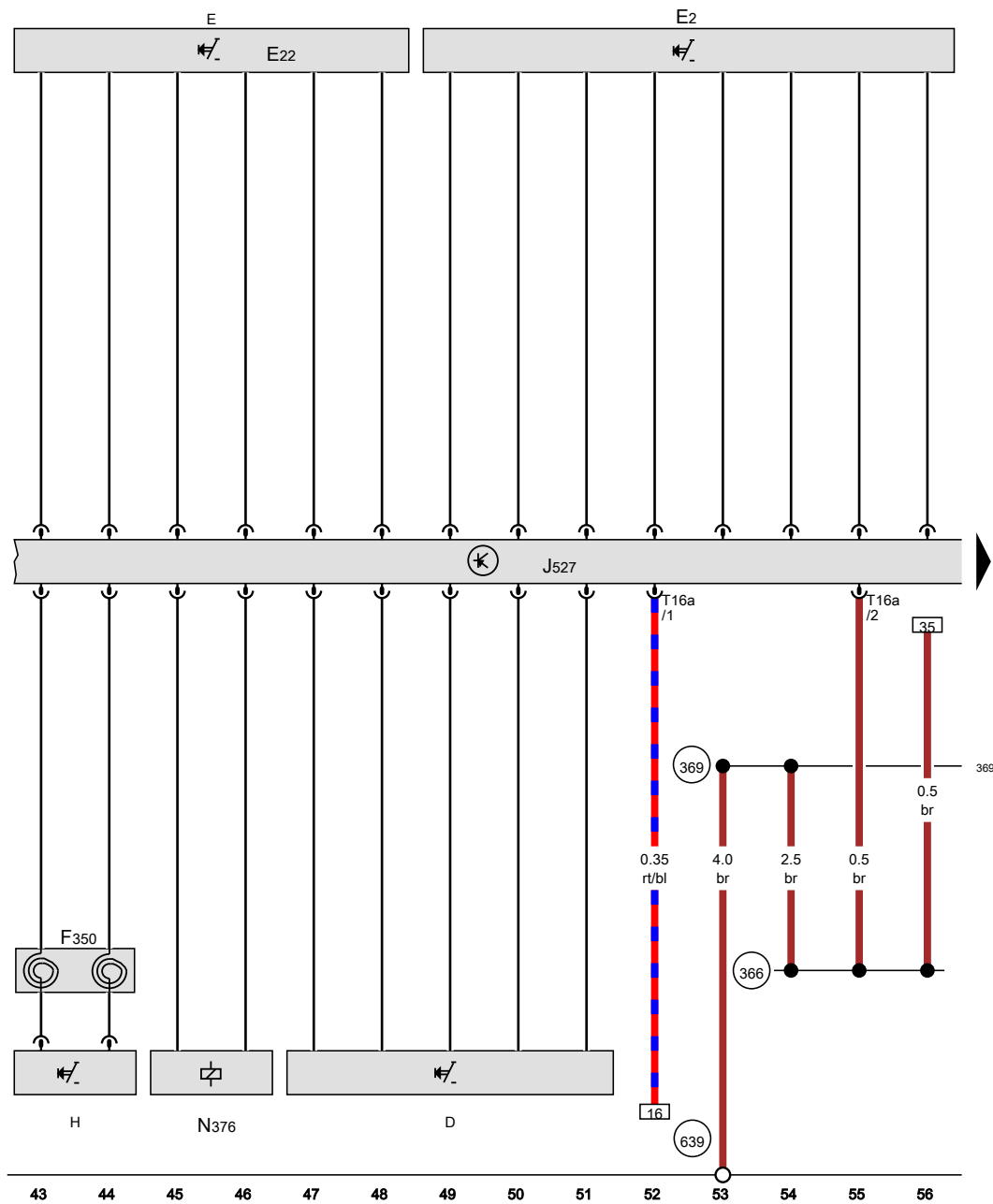
Terminal 15 voltage supply relay, Fuse holder C

- J329 Terminal 15 voltage supply relay
- SC Fuse holder C
- SC17 Fuse 17 on fuse holder C
- SC23 Fuse 23 on fuse holder C
- SC29 Fuse 29 on fuse holder C
- SC43 Fuse 43 on fuse holder C
- SC47 Fuse 47 on fuse holder C
- T16 16-pin connector
- * Diagnostic connection

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- br = brown
- gn = green
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- gr = grey
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- vi = purple
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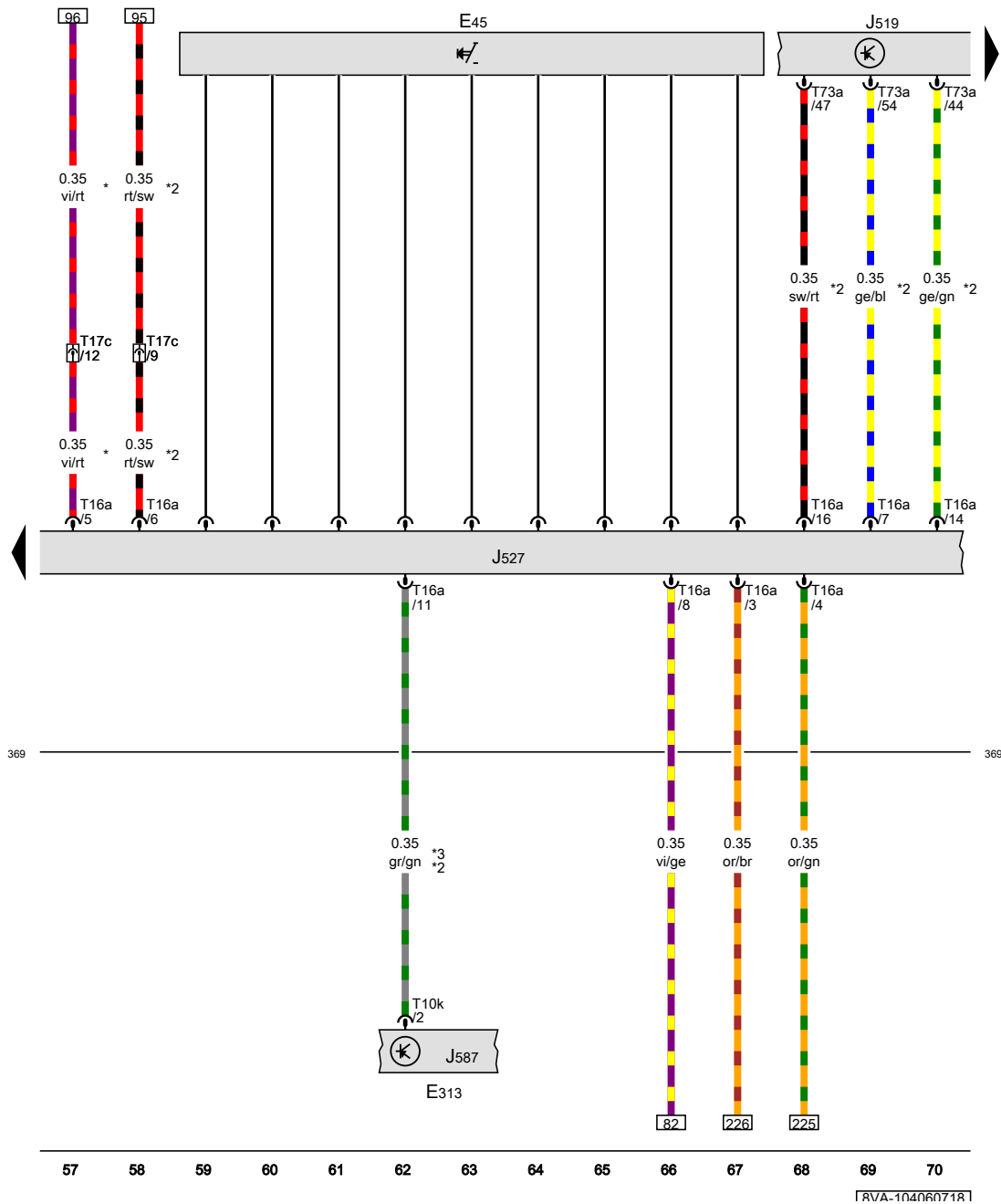
Ignition/starter switch, Windscreen wiper switch, Turn signal switch, Intermittent wiper switch, Horn plate, Steering column electronics control unit

- D Ignition/starter switch
- E Windscreen wiper switch
- E2 Turn signal switch
- E22 Intermittent wiper switch
- F350 Coil connector
- H Horn plate
- J527 Steering column electronics control unit
- N376 Ignition key withdrawal lock solenoid
- T16a 16-pin connector
- 366 Earth connection 1, in main wiring harness
- 369 Earth connection 4, in main wiring harness
- 639 Earth point, left A-pillar



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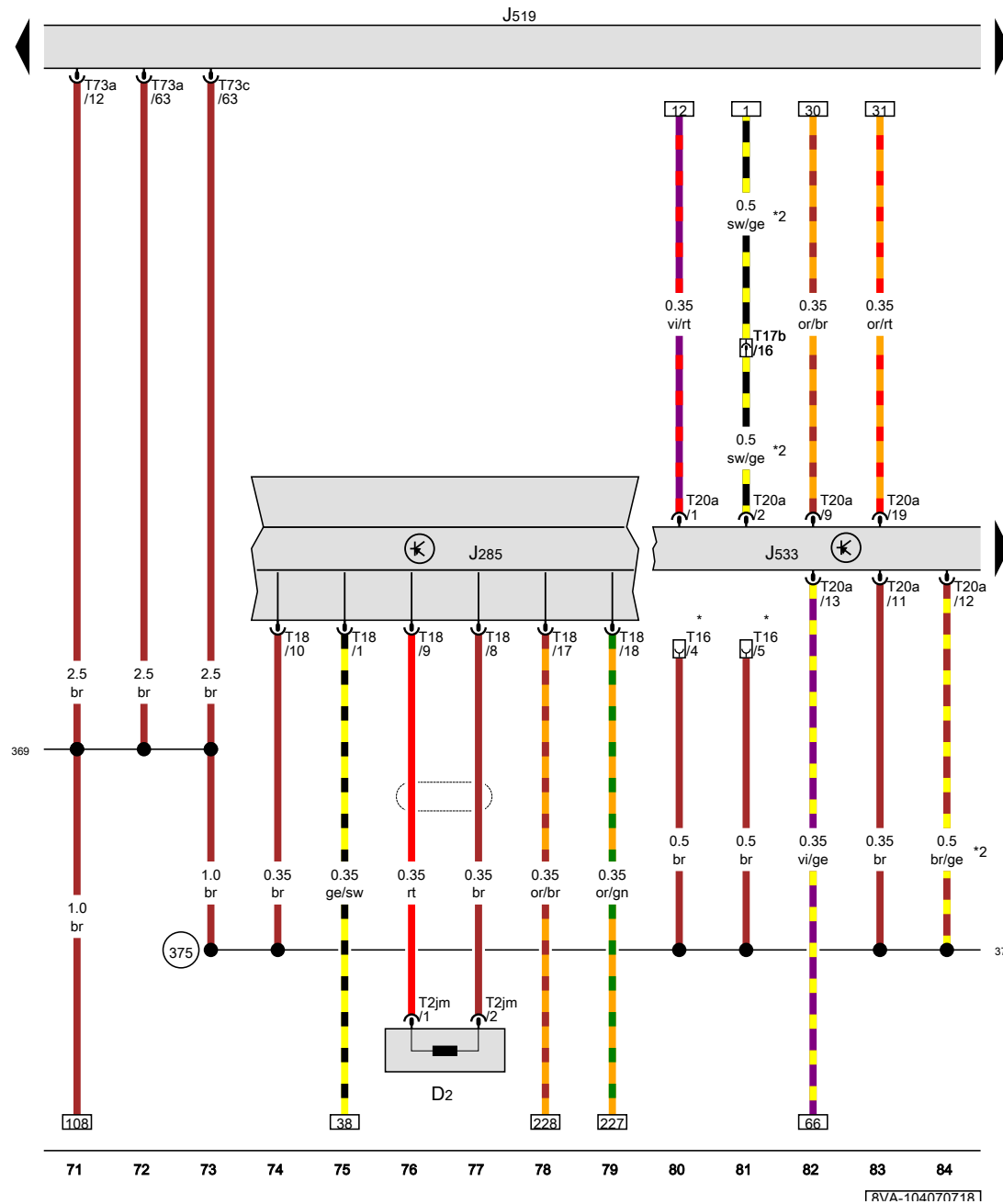


Cruise control system switch, Onboard supply control unit, Steering column electronics control unit

- E45 Cruise control system switch
- E313 Selector lever
- J519 Onboard supply control unit
- J527 Steering column electronics control unit
- J587 Selector lever sensors control unit
- T10k 10-pin connector
- T16a 16-pin connector
- T17c 17-pin connector
- T73a 73-pin connector

369 Earth connection 4, in main wiring harness

- * For models with cruise control system (CCS)
- *2 For models with no entry and start authorisation
- *3 see applicable current flow diagram for automatic gearbox



Control unit in dash panel insert, Onboard supply control unit, Data bus diagnostic interface

- D2 Immobiliser reader coil
- J285 Control unit in dash panel insert
- J519 Onboard supply control unit
- J533 Data bus diagnostic interface
- T2jm 2-pin connector
- T16 16-pin connector
- T17b 17-pin connector
- T18 18-pin connector
- T20a 20-pin connector
- T73a 73-pin connector
- T73c 73-pin connector

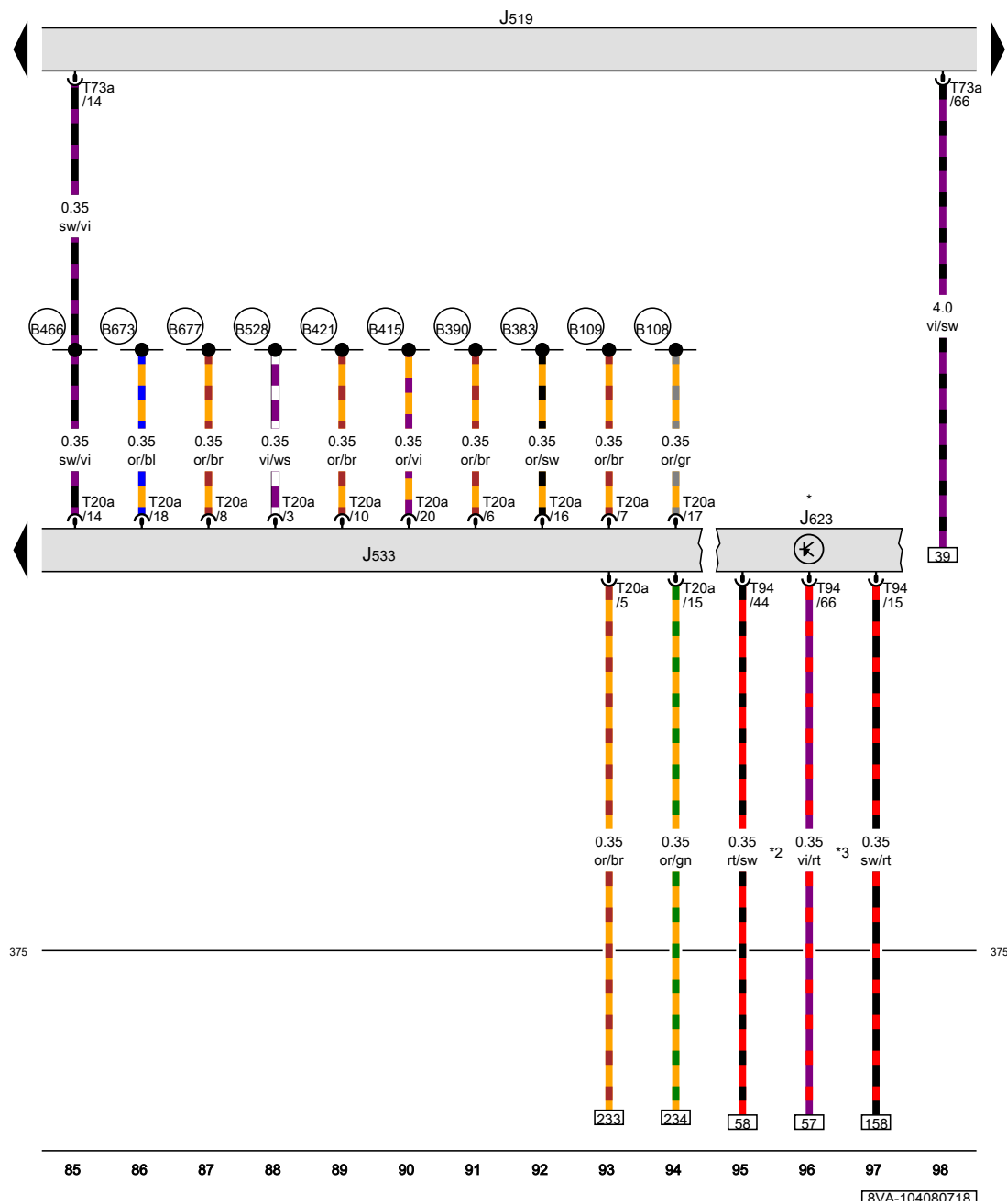
369 Earth connection 4, in main wiring harness

375 Earth connection 10, in main wiring harness

* Diagnostic connection

*2 For models with no start/stop system

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- gr = grey
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- vi = purple
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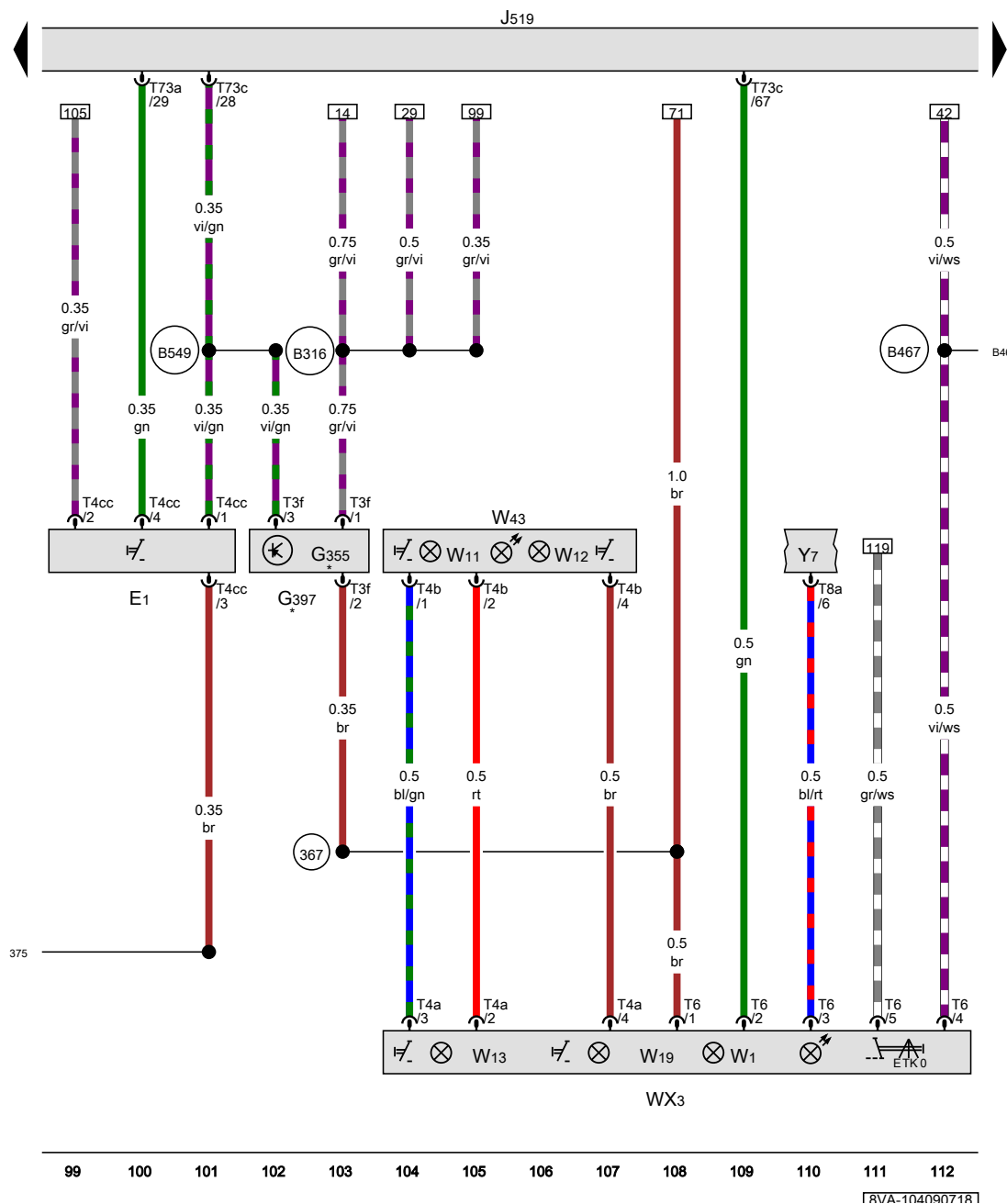


Onboard supply control unit, Data bus diagnostic interface

J519 Onboard supply control unit
 J533 Data bus diagnostic interface
 J623 Engine/motor control unit
 T20a 20-pin connector
 T73a 73-pin connector
 T94 94-pin connector

- 375 Earth connection 10, in main wiring harness
- B108 Connection 1 (CAN bus extended high), in main wiring harness
- B109 Connection 1 (CAN bus extended low), in main wiring harness
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- B415 Connection 1 (infotainment CAN bus, high), in main wiring harness
- B421 Connection 1 (infotainment CAN bus, low), in main wiring harness
- B466 Connection 2, in main wiring harness
- B528 Connection 1 (LIN bus) in main wiring harness
- B673 Connection 2 (running gear/dash panel insert CAN bus, high), in main wiring harness
- B677 Connection 2 (running gear/dash panel insert CAN bus, low), in main wiring harness

* see applicable current flow diagram for engine
 *2 For models with no entry and start authorisation
 *3 For models with cruise control system (CCS)

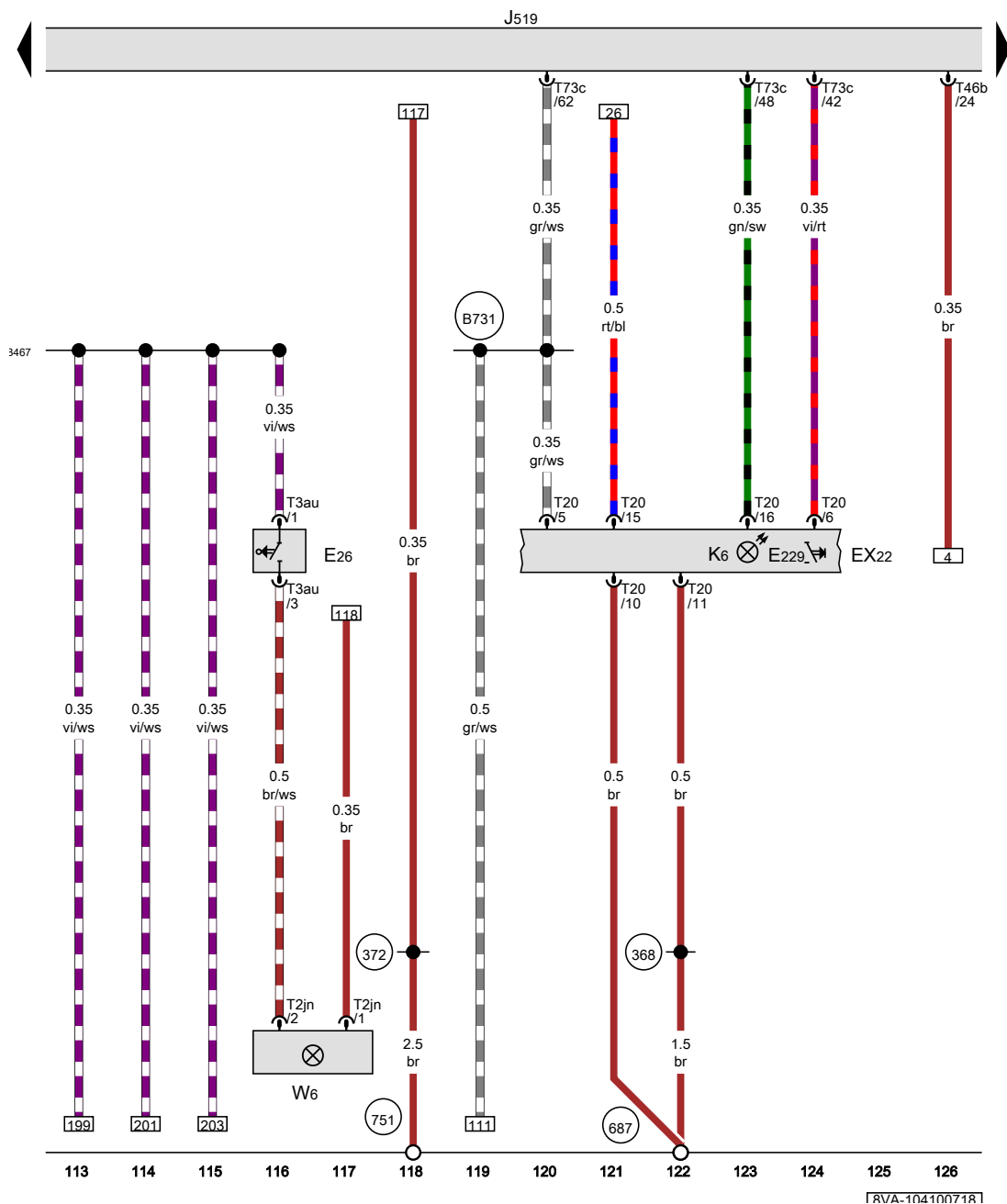


Light switch, Rain and light sensor, Onboard supply control unit, Front roof module, Rear interior light

- E1 Light switch
- G355 Humidity sender
- G397 Rain and light sensor
- J519 Onboard supply control unit
- T3f 3-pin connector
- T4a 4-pin connector
- T4b 4-pin connector
- T4cc 4-pin connector
- T6 6-pin connector
- T8a 8-pin connector
- T73a 73-pin connector
- T73c 73-pin connector
- W1 Front interior light
- WX3 Front roof module
- W11 Rear left reading light
- W12 Rear right reading light
- W13 Front passenger reading light
- W19 Driver side reading light
- W43 Rear interior light
- Y7 Automatic anti-dazzle interior mirror

- 367 Earth connection 2, in main wiring harness
- 375 Earth connection 10, in main wiring harness
- B316 Positive connection 2 (30a) in main wiring harness
- B467 Connection 3, in main wiring harness
- B549 Connection 2 (LIN bus) in main wiring harness

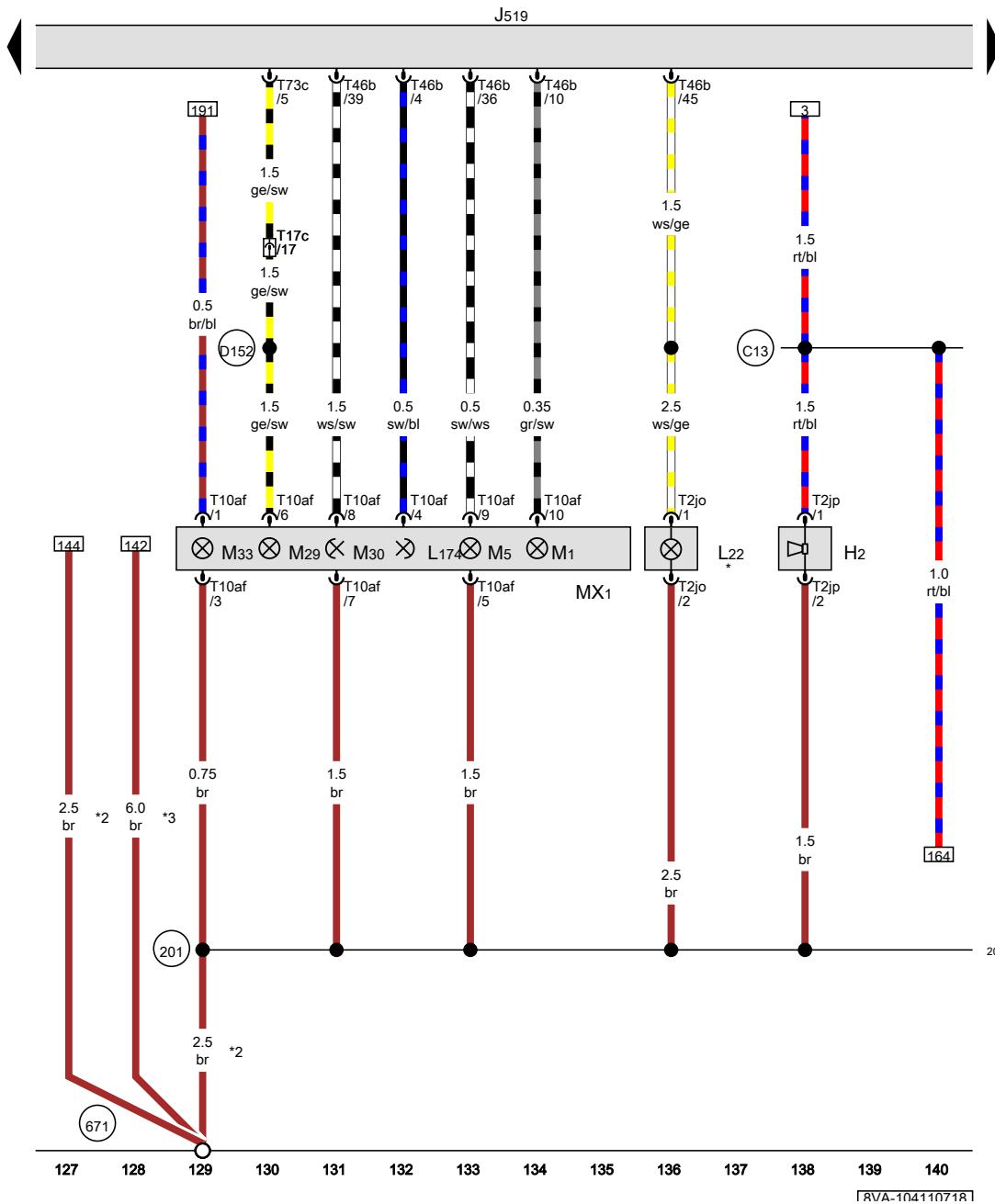
* According to equipment



Centre switch module in dash panel, Glove compartment light switch, Hazard warning lights button, Onboard supply control unit, Glove compartment light

- EX22 Centre switch module in dash panel
- E26 Glove compartment light switch
- E229 Hazard warning lights button
- J519 Onboard supply control unit
- K6 Indicator lamp for hazard warning light
- T2jn 2-pin connector
- T3au 3-pin connector
- T20 20-pin connector
- T46b 46-pin connector
- T73c 73-pin connector
- W6 Glove compartment light
- 368 Earth connection 3, in main wiring harness
- 372 Earth connection 7, in main wiring harness
- 687 Earth point 1, on centre tunnel
- 751 Earth point 2, on right A-pillar
- B467 Connection 3, in main wiring harness
- B731 Connection 1 (58s), in main wiring harness

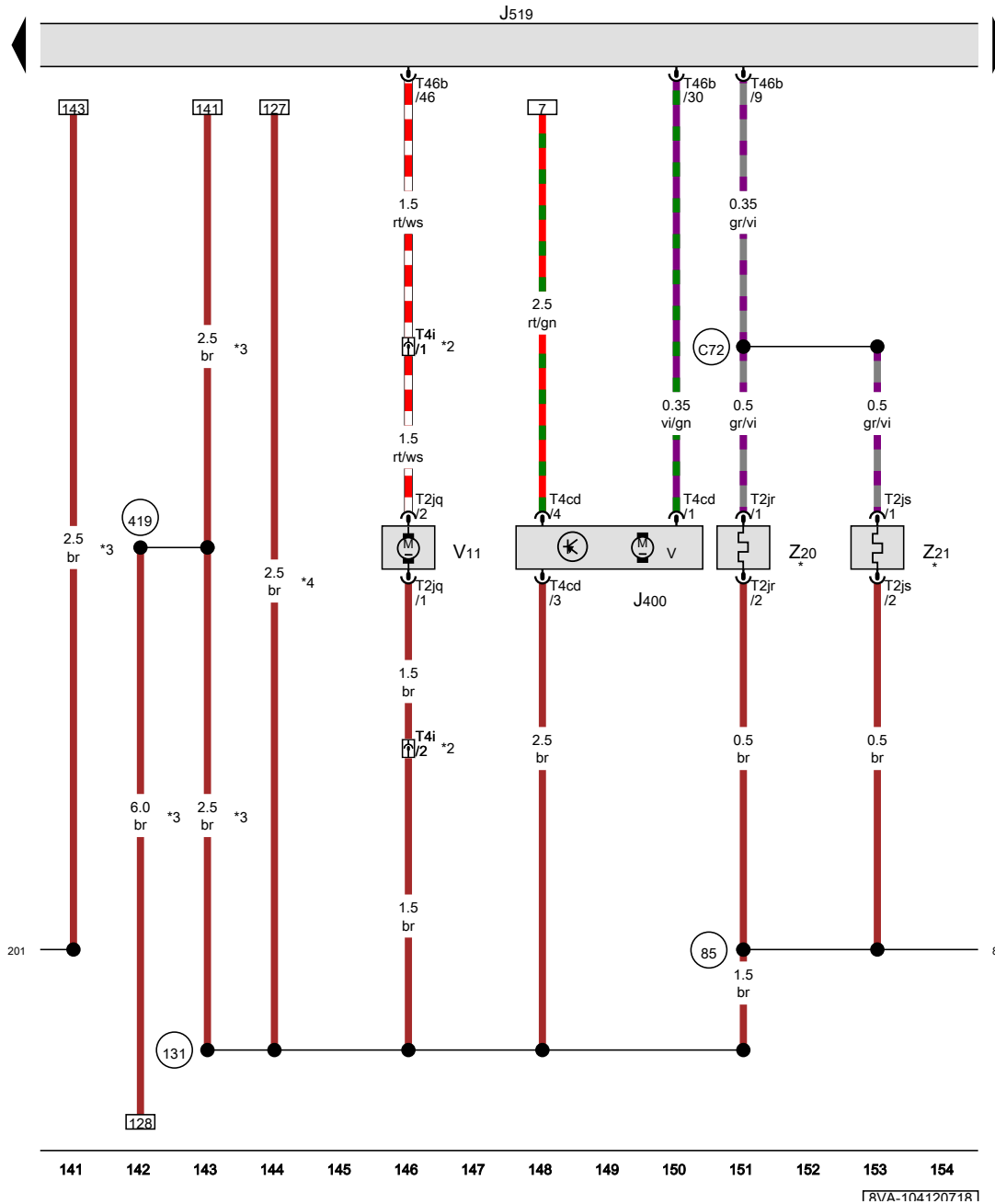
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 ro = red
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Treble horn, Onboard supply control unit, Left fog light bulb, Left daytime running light bulb, Front left headlight, Left side light bulb, Front left turn signal bulb, Left headlight dipped beam bulb, Left headlight main beam bulb, Front left side marker bulb

- H2 Treble horn
- J519 Onboard supply control unit
- L22 Left fog light bulb
- L174 Left daytime running light bulb
- MX1 Front left headlight
- M1 Left side light bulb
- M5 Front left turn signal bulb
- M29 Left headlight dipped beam bulb
- M30 Left headlight main beam bulb
- M33 Front left side marker bulb
- T2jo 2-pin connector
- T2jp 2-pin connector
- T10af 10-pin connector
- T17c 17-pin connector
- T46b 46-pin connector
- T73c 73-pin connector
- 201 Earth connection 5, in engine compartment wiring harness
- 671 Earth point 1, on front of left longitudinal member
- C13 Positive connection in dual tone horn wiring harness
- D152 Positive connection 1 (56b), in engine compartment wiring harness
- * For models with fog lights
- *2 Gradually discontinued
- *3 gradual introduction

ws = white
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rt = red
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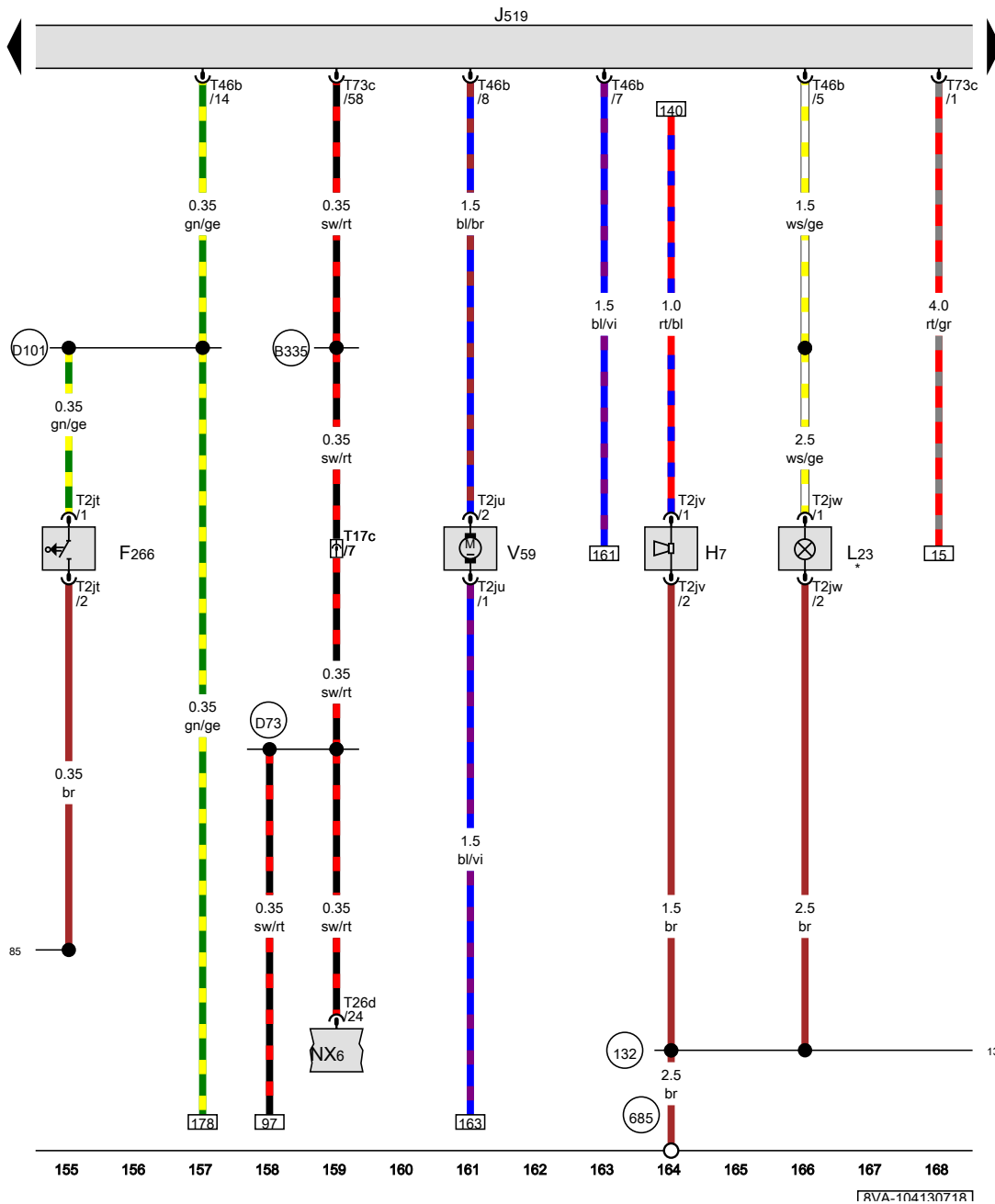
Wiper motor control unit, Onboard supply control unit, Windscreen wiper motor, Headlight washer system pump, Left washer jet heater element, Right washer jet heater element

- J400 Wiper motor control unit
- J519 Onboard supply control unit
- T2jq 2-pin connector
- T2jr 2-pin connector
- T2js 2-pin connector
- T4cd 4-pin connector
- T4i 4-pin connector
- T46b 46-pin connector
- V Windscreen wiper motor
- V11 Headlight washer system pump
- Z20 Left washer jet heater element
- Z21 Right washer jet heater element

- 85 Earth connection 1, in engine compartment wiring harness
- 131 Earth connection 2, in engine compartment wiring harness
- 201 Earth connection 5, in engine compartment wiring harness
- 419 Earth connection 11, in engine compartment wiring harness
- C72 Positive connection in heated washer jet wiring harness

- * For models with heater element for washer jets
- *2 According to equipment
- *3 gradual introduction
- *4 Gradually discontinued

ws = white
 sw = black
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 br = brown
 gn = green
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 ge = yellow
 or = orange
 rs = pink

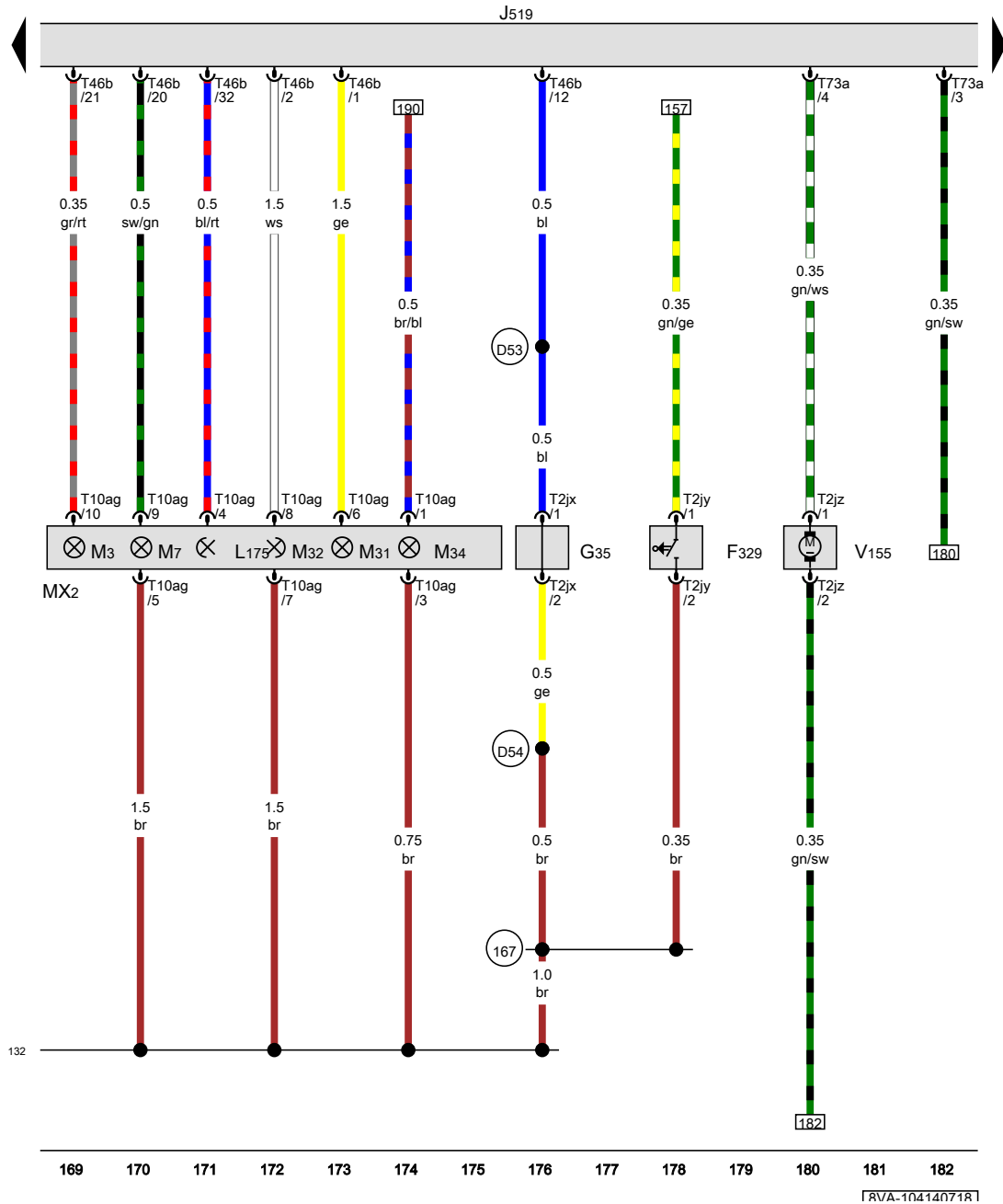


Bonnet contact switch, Bass horn, Onboard supply control unit, Right fog light bulb, Windscreen and rear window washer pump

- F266 Bonnet contact switch
- H7 Bass horn
- J519 Onboard supply control unit
- L23 Right fog light bulb
- NX6 Brake servo
- T2jt 2-pin connector
- T2ju 2-pin connector
- T2jv 2-pin connector
- T2jw 2-pin connector
- T17c 17-pin connector
- T26d 26-pin connector
- T46b 46-pin connector
- T73c 73-pin connector
- V59 Windscreen and rear window washer pump

- 85 Earth connection 1, in engine compartment wiring harness
- 132 Earth connection 3, in engine compartment wiring harness
- 685 Earth point 1, on front of right longitudinal member
- B335 Connection 1 (54), in main wiring harness
- D73 Positive connection (54), in engine compartment wiring harness
- D101 Connection 1 in engine compartment wiring harness
- * For models with fog lights

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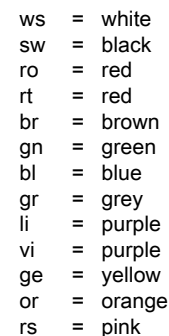


Bonnet contact switch 2, Front right brake pad wear sender, Onboard supply control unit, Right daytime running light bulb, Front right headlight, Right side light bulb, Front right turn signal bulb, Right headlight dipped beam bulb, Right headlight main beam bulb, Front right side marker bulb, Tank filler flap locking motor

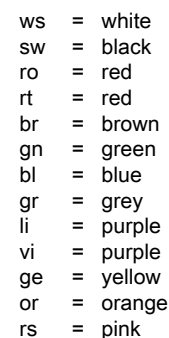
- F329 Bonnet contact switch 2
- G35 Front right brake pad wear sender
- J519 Onboard supply control unit
- L175 Right daytime running light bulb
- MX2 Front right headlight
- M3 Right side light bulb
- M7 Front right turn signal bulb
- M31 Right headlight dipped beam bulb
- M32 Right headlight main beam bulb
- M34 Front right side marker bulb
- T2jx 2-pin connector
- T2jy 2-pin connector
- T2jz 2-pin connector
- T10ag 10-pin connector
- T46b 46-pin connector
- T73a 73-pin connector
- V155 Tank filler flap locking motor

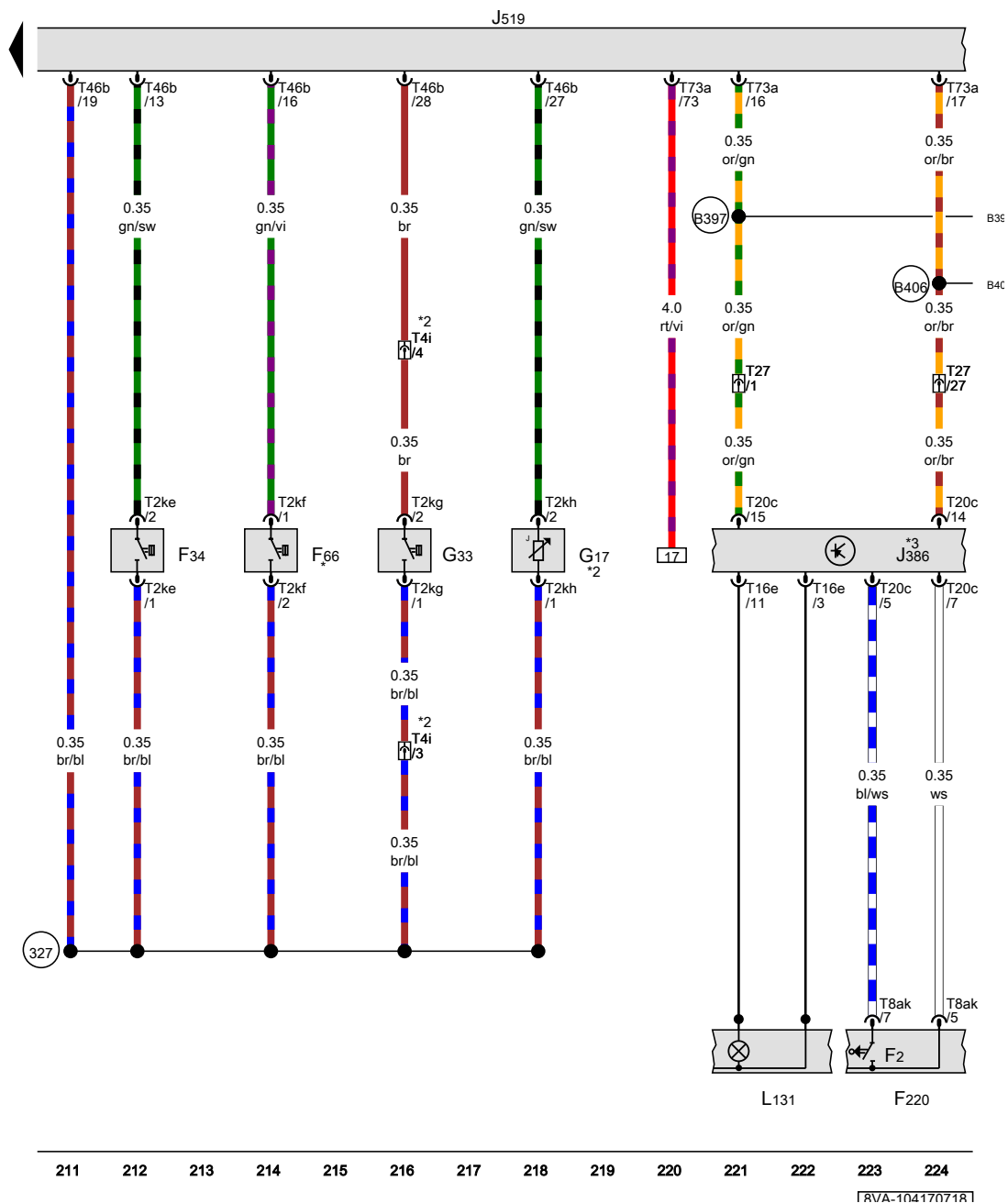
- 132 Earth connection 3, in engine compartment wiring harness
- 167 Earth connection 4, in engine compartment wiring harness
- D53 Connection (right brake wear indicator), in engine compartment wiring harness
- D54 Connection (right brake wear indicator), in engine compartment wiring harness

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C24	Suppression filter
J519	Onboard supply control unit
M25	High-level brake light bulb
T2ka	2-pin connector
T2kb	2-pin connector
T2kc	2-pin connector
T2ki	2-pin connector
T4ce	4-pin connector
T17c	17-pin connector
T73a	73-pin connector
V12	Rear window wiper motor
X4	Left number plate light
X5	Right number plate light
57	Earth point, rear left pillar
397	Earth connection 32, in main wiring harness
B726	Positive connection 2 (58), in main wiring harness
C65	Positive connection 1, in side marker light wiring harness





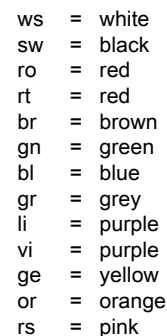
Brake fluid level warning contact, Coolant shortage indicator switch, Driver side central locking lock unit, Ambient temperature sensor, Windscreen washer fluid level sender, Driver door control unit, Onboard supply control unit, Driver side turn signal repeater bulb

- F2 Driver door contact switch
- F34 Brake fluid level warning contact
- F66 Coolant shortage indicator switch
- F220 Driver side central locking lock unit
- G17 Ambient temperature sensor
- G33 Windscreen washer fluid level sender
- J386 Driver door control unit
- J519 Onboard supply control unit
- L131 Driver side turn signal repeater bulb
- T2ke 2-pin connector
- T2kf 2-pin connector
- T2kg 2-pin connector
- T2kh 2-pin connector
- T4i 4-pin connector
- T8ak 8-pin connector
- T16e 16-pin connector
- T20c 20-pin connector
- T27 27-pin connector, on left A-pillar
- T46b 46-pin connector
- T73a 73-pin connector
- 327 Earth connection (sender earth), in engine compartment wiring harness
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- * For models with no hybrid drive system
- *2 According to equipment
- *3 see applicable current flow diagram for convenience system

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
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 or = orange
 rs = pink

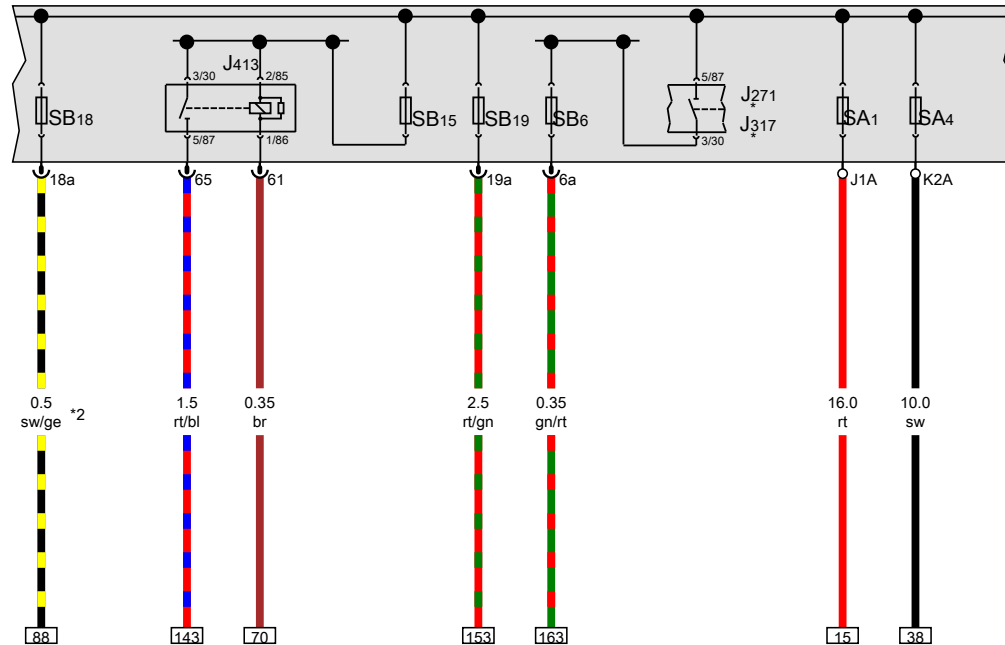
F3	Front passenger door contact switch
F221	Front passenger side central locking lock unit
J387	Front passenger door control unit
L132	Front passenger side turn signal repeater bulb
T6bn	6-pin connector
T16f	16-pin connector
T20d	20-pin connector
T27a	27-pin connector, in right A-pillar, on right A-pillar

B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B398	Connection 2 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
B407	Connection 2 (convenience CAN bus, low), in main wiring harness
*	see applicable current flow diagram for convenience system



Basic equipment , (L0L),(5C0)

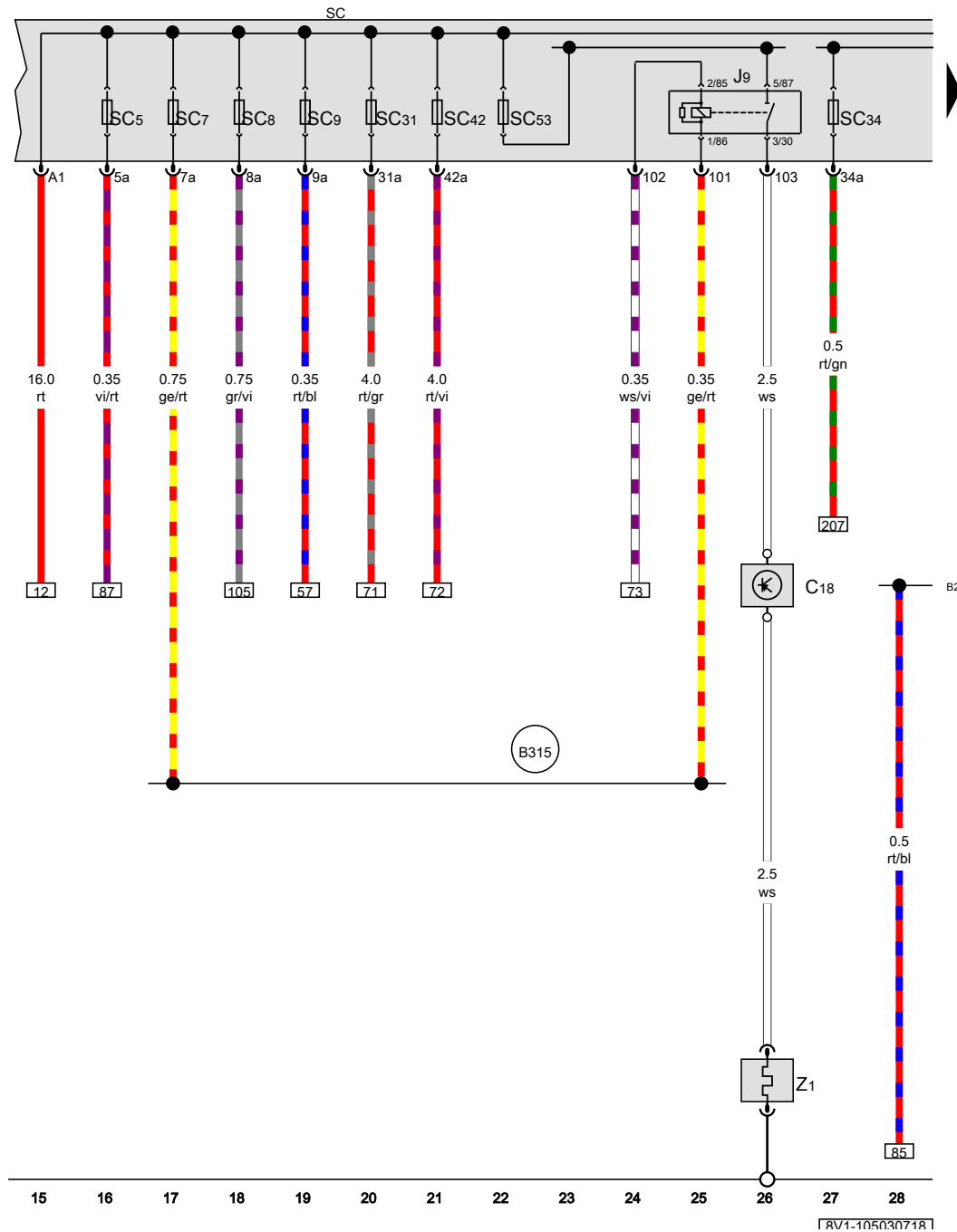
From November 2014



Main relay, Terminal 30 voltage supply relay, Horn relay

- J271 Main relay
- J317 Terminal 30 voltage supply relay
- J413 Horn relay
- SA1 Fuse 1 on fuse holder A
- SA4 Fuse 4 on fuse holder A
- SB6 Fuse 6 on fuse holder B
- SB15 Fuse 15 on fuse holder B
- SB18 Fuse 18 on fuse holder B
- SB19 Fuse 19 on fuse holder B
- * According to equipment
- *2 For models with no start/stop system

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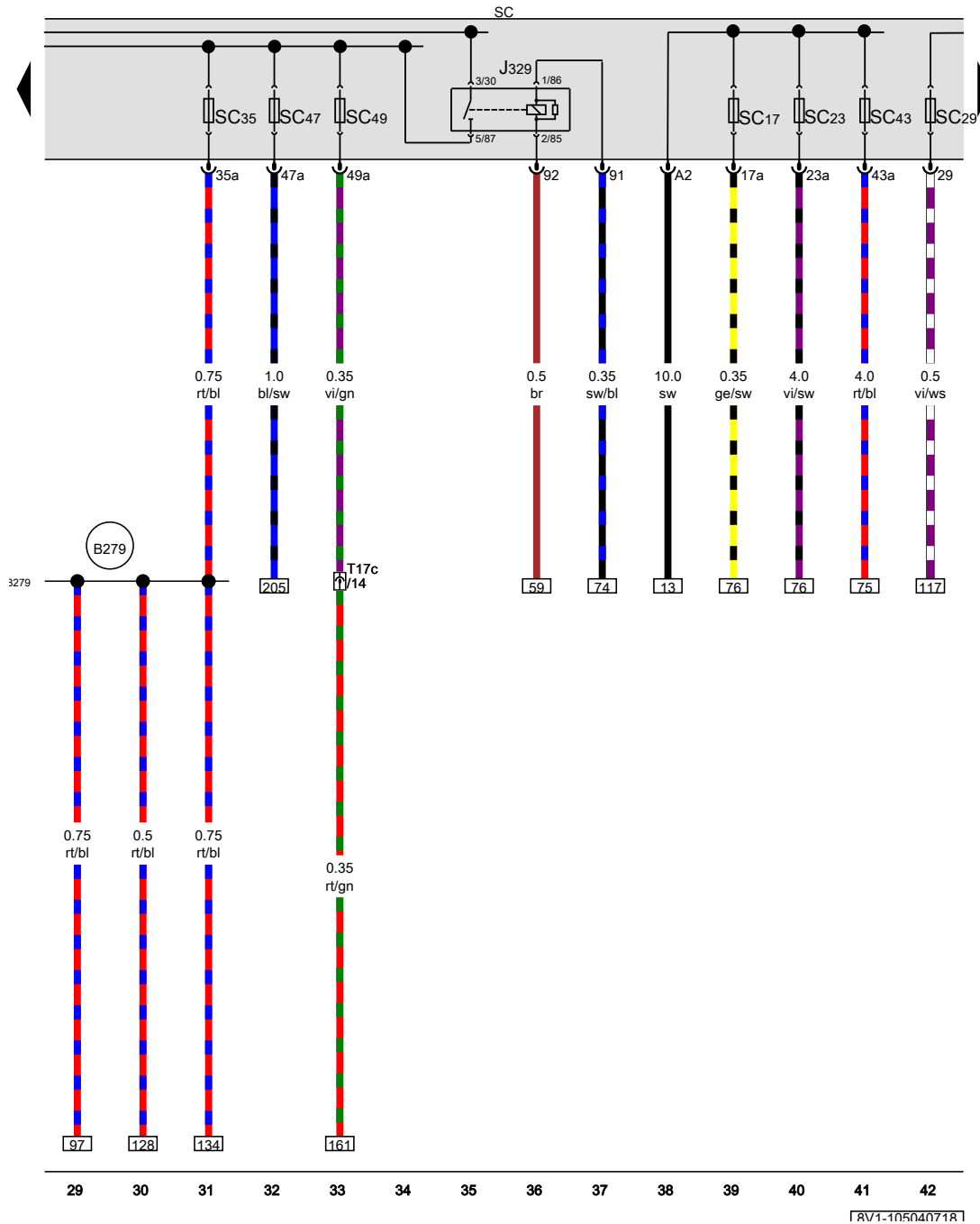
Heated rear window relay, Fuse holder C, Heated rear window

- C18 Window aerial suppression filter
- J9 Heated rear window relay
- SC Fuse holder C
- SC5 Fuse 5 on fuse holder C
- SC7 Fuse 7 on fuse holder C
- SC8 Fuse 8 on fuse holder C
- SC9 Fuse 9 on fuse holder C
- SC31 Fuse 31 on fuse holder C
- SC34 Fuse 34 on fuse holder C
- SC42 Fuse 42 on fuse holder C
- SC53 Fuse 53 on fuse holder C
- Z1 Heated rear window

B279 Positive connection 3 (15a) in main wiring harness

B315 Positive connection 1 (30a) in main wiring harness

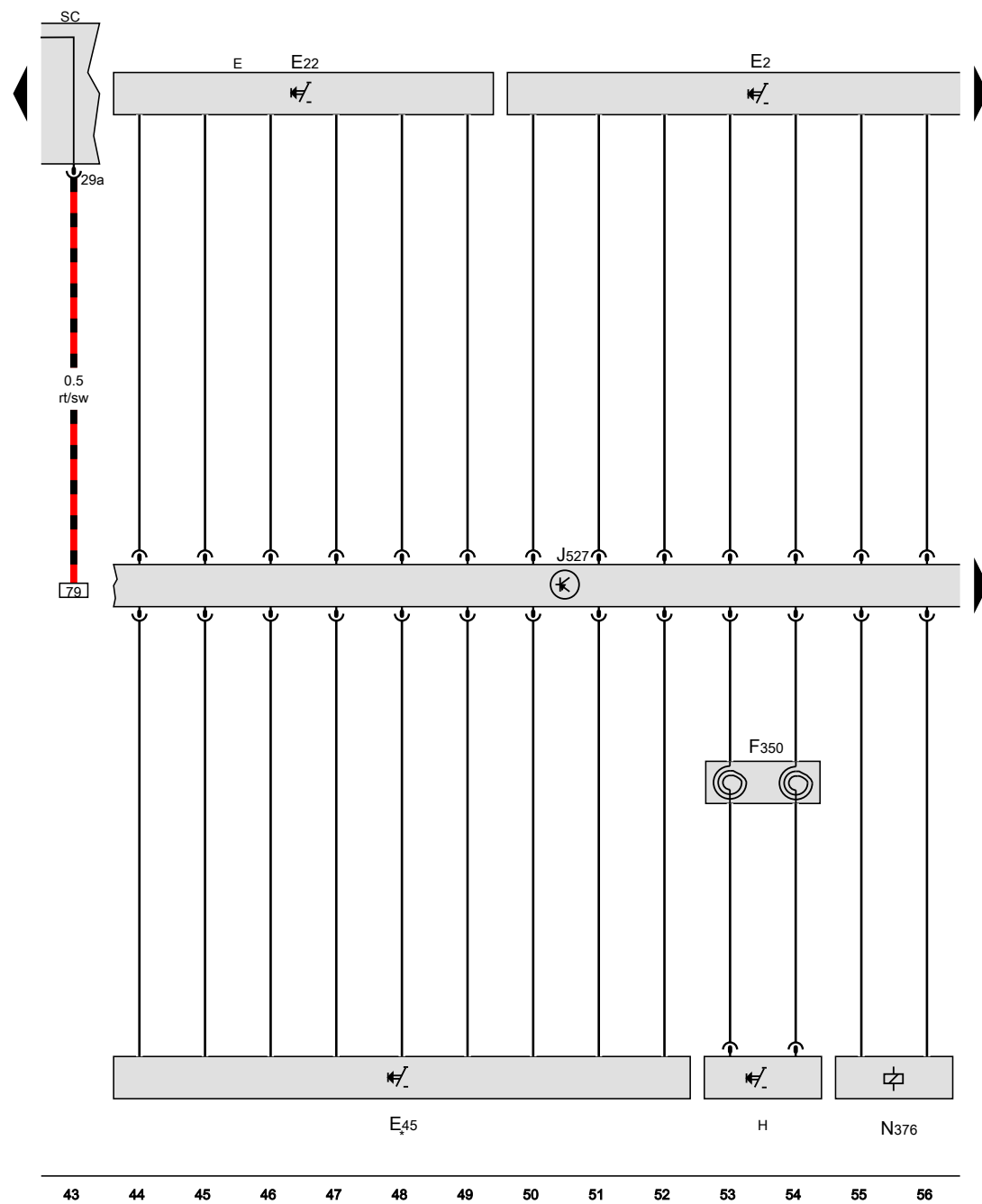
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Terminal 15 voltage supply relay, Fuse holder C

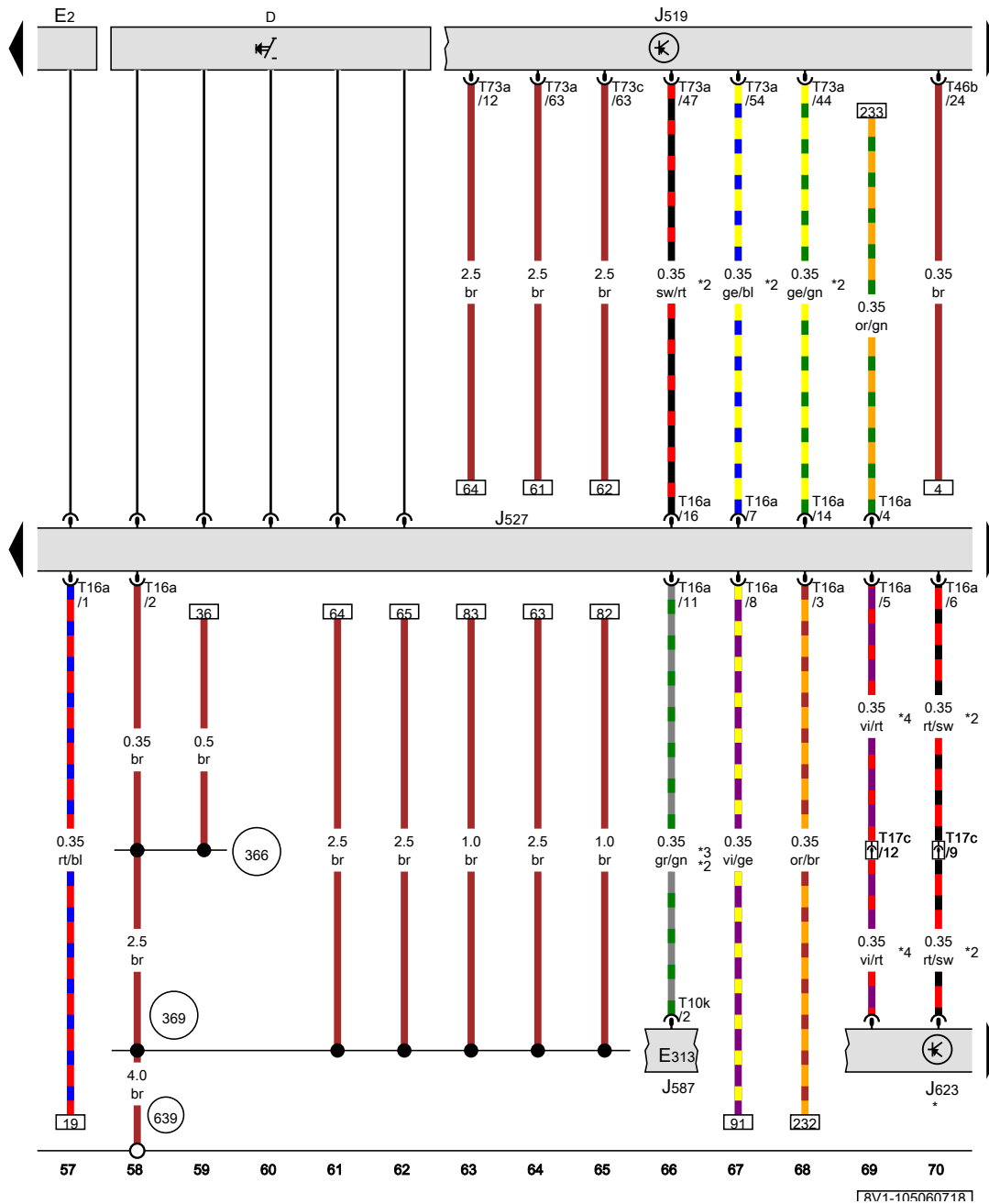
- J329 Terminal 15 voltage supply relay
- SC Fuse holder C
- SC17 Fuse 17 on fuse holder C
- SC23 Fuse 23 on fuse holder C
- SC29 Fuse 29 on fuse holder C
- SC35 Fuse 35 on fuse holder C
- SC43 Fuse 43 on fuse holder C
- SC47 Fuse 47 on fuse holder C
- SC49 Fuse 49 on fuse holder C
- T17c 17-pin connector

B279 Positive connection 3 (15a) in main wiring harness



Windscreen wiper switch, Turn signal switch, Intermittent wiper switch, Cruise control system switch, Horn plate, Steering column electronics control unit, Fuse holder C

- E Windscreen wiper switch
- E2 Turn signal switch
- E22 Intermittent wiper switch
- E45 Cruise control system switch
- F350 Coil connector
- H Horn plate
- J527 Steering column electronics control unit
- N376 Ignition key withdrawal lock solenoid
- SC Fuse holder C
- T1 1-pin connector
- * For models with cruise control system (CCS)



Ignition/starter switch, Turn signal switch, Onboard supply control unit, Steering column electronics control unit

- D Ignition/starter switch
- E2 Turn signal switch
- E313 Selector lever
- J519 Onboard supply control unit
- J527 Steering column electronics control unit
- J587 Selector lever sensors control unit
- J623 Engine/motor control unit
- T10k 10-pin connector
- T16a 16-pin connector
- T17c 17-pin connector
- T46b 46-pin connector
- T73a 73-pin connector
- T73c 73-pin connector

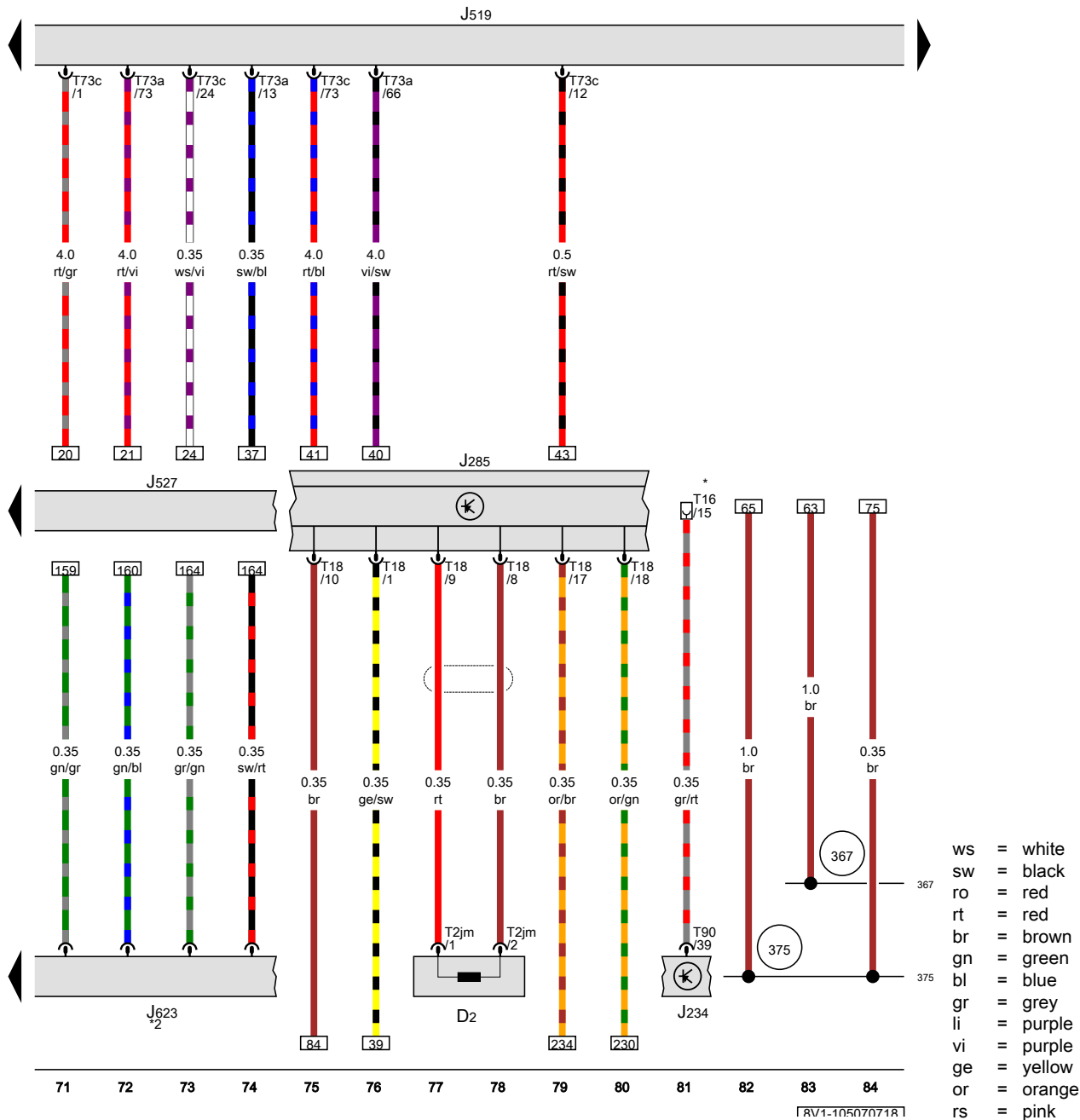
- 366 Earth connection 1, in main wiring harness
- 369 Earth connection 4, in main wiring harness
- 639 Earth point, left A-pillar

- * see applicable current flow diagram for engine
- *2 For models with no entry and start authorisation
- *3 see applicable current flow diagram for automatic gearbox
- *4 For models with cruise control system (CCS)

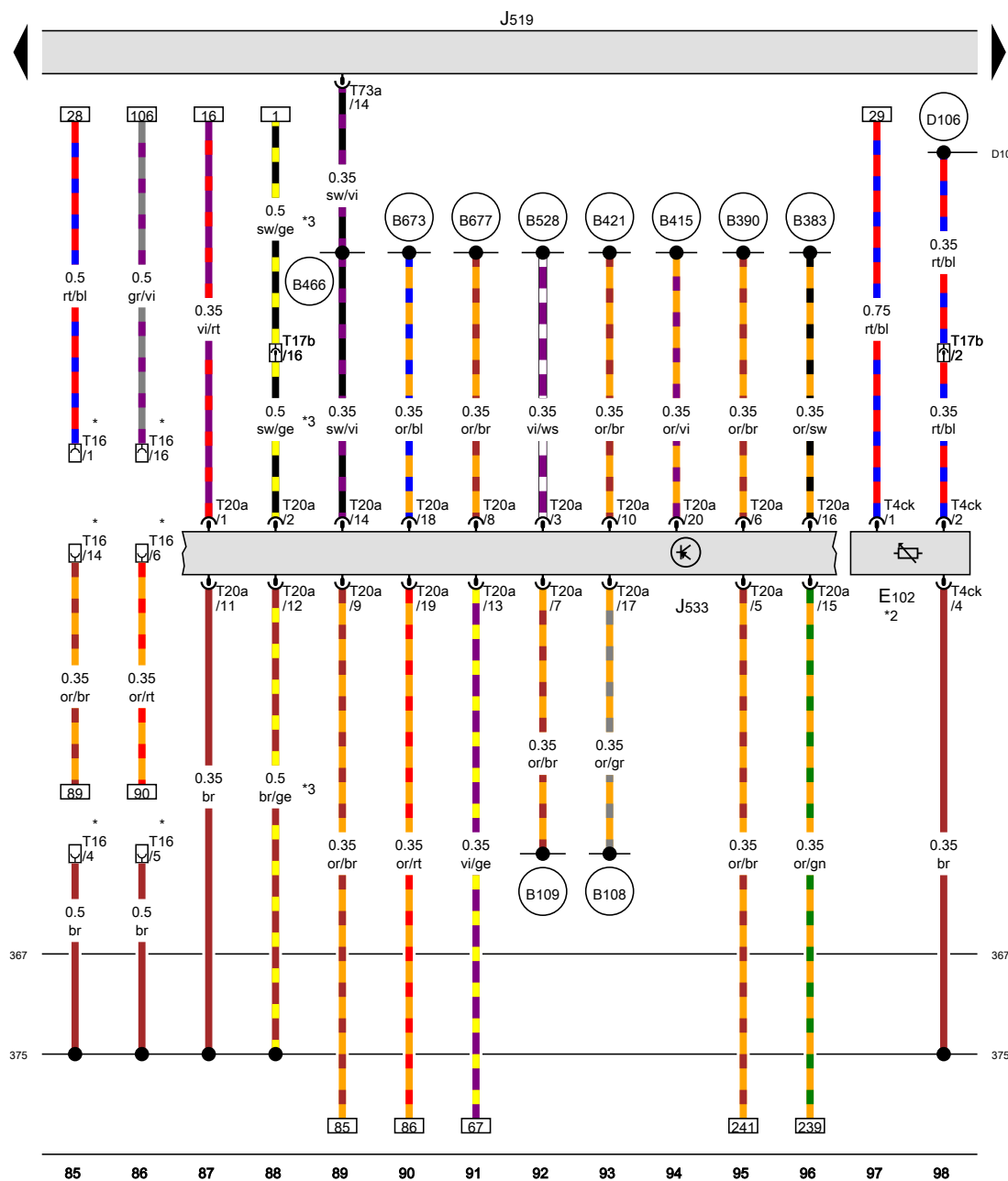
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18V1-1050607181

Control unit in dash panel insert, Onboard supply control unit, Steering column electronics control unit



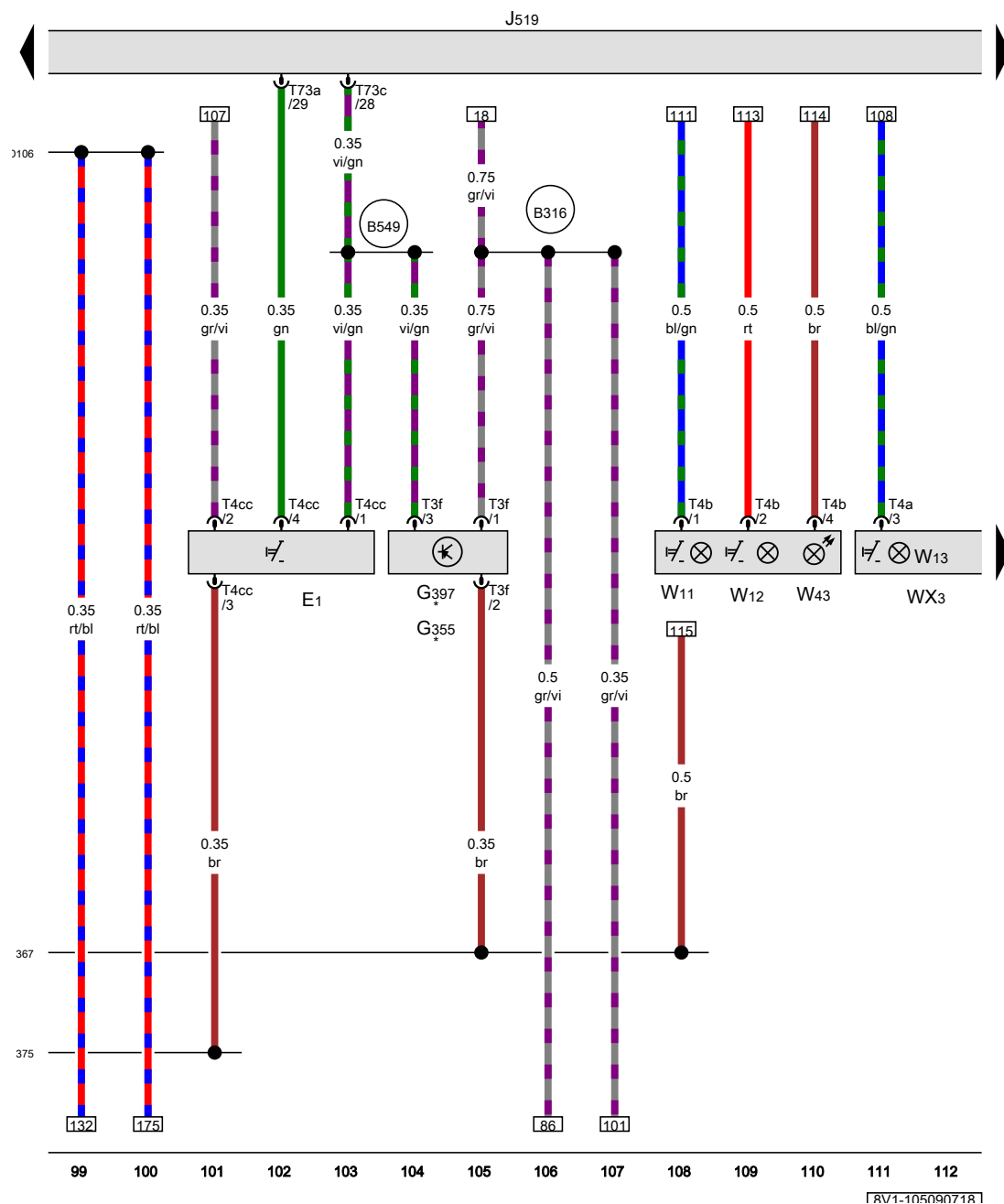
- D2 Immobiliser reader coil
- J234 Airbag control unit
- J285 Control unit in dash panel insert
- J519 Onboard supply control unit
- J527 Steering column electronics control unit
- J623 Engine/motor control unit
- T2jm 2-pin connector
- T16 16-pin connector
- T18 18-pin connector
- T73a 73-pin connector
- T73c 73-pin connector
- T90 90-pin connector
- 367 Earth connection 2, in main wiring harness
- 375 Earth connection 10, in main wiring harness
- * Diagnostic connection
- *2 see applicable current flow diagram for engine



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Onboard supply control unit, Data bus diagnostic interface

- E102 Headlight range control regulator
- J519 Onboard supply control unit
- J533 Data bus diagnostic interface
- T4ck 4-pin connector
- T16 16-pin connector
- T17b 17-pin connector
- T20a 20-pin connector
- T73a 73-pin connector
- 367 Earth connection 2, in main wiring harness
- 375 Earth connection 10, in main wiring harness
- B108 Connection 1 (CAN bus extended high), in main wiring harness
- B109 Connection 1 (CAN bus extended low), in main wiring harness
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- B415 Connection 1 (infotainment CAN bus, high), in main wiring harness
- B421 Connection 1 (infotainment CAN bus, low), in main wiring harness
- B466 Connection 2, in main wiring harness
- B528 Connection 1 (LIN bus) in main wiring harness
- B673 Connection 2 (running gear/dash panel insert CAN bus, high), in main wiring harness
- B677 Connection 2 (running gear/dash panel insert CAN bus, low), in main wiring harness
- D106 Connection 4 in engine compartment wiring harness
- * Diagnostic connection
- *2 For models with no automatic headlight range control
- *3 For models with no start/stop system



Light switch, Rain and light sensor, Onboard supply control unit, Front roof module, Rear interior light

- E1 Light switch
- G355 Humidity sender
- G397 Rain and light sensor
- J519 Onboard supply control unit
- T3f 3-pin connector
- T4a 4-pin connector
- T4b 4-pin connector
- T4cc 4-pin connector
- T73a 73-pin connector
- T73c 73-pin connector
- WX3 Front roof module
- W11 Rear left reading light
- W12 Rear right reading light
- W13 Front passenger reading light
- W43 Rear interior light

367 Earth connection 2, in main wiring harness

375 Earth connection 10, in main wiring harness

B316 Positive connection 2 (30a) in main wiring harness

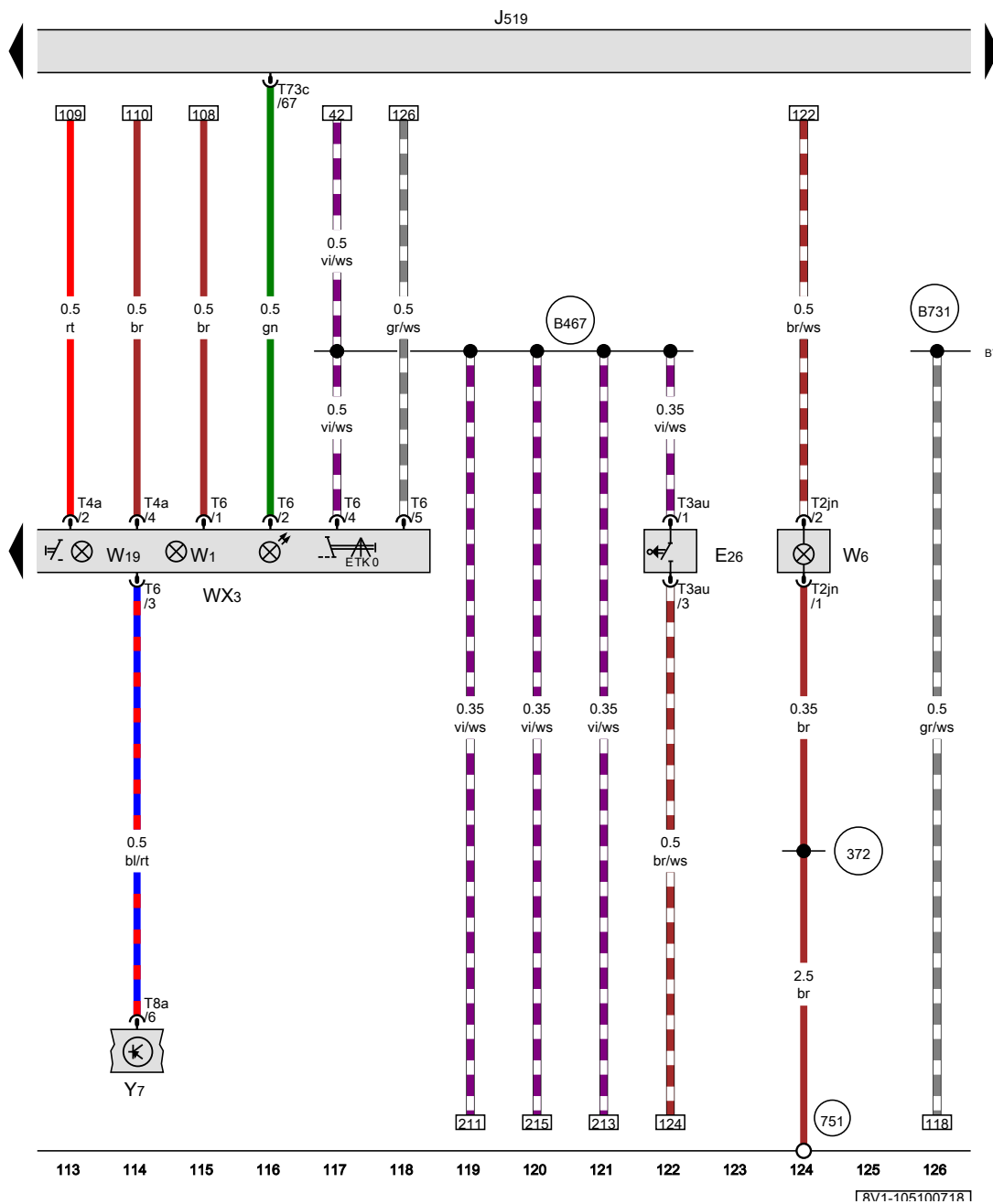
B549 Connection 2 (LIN bus) in main wiring harness

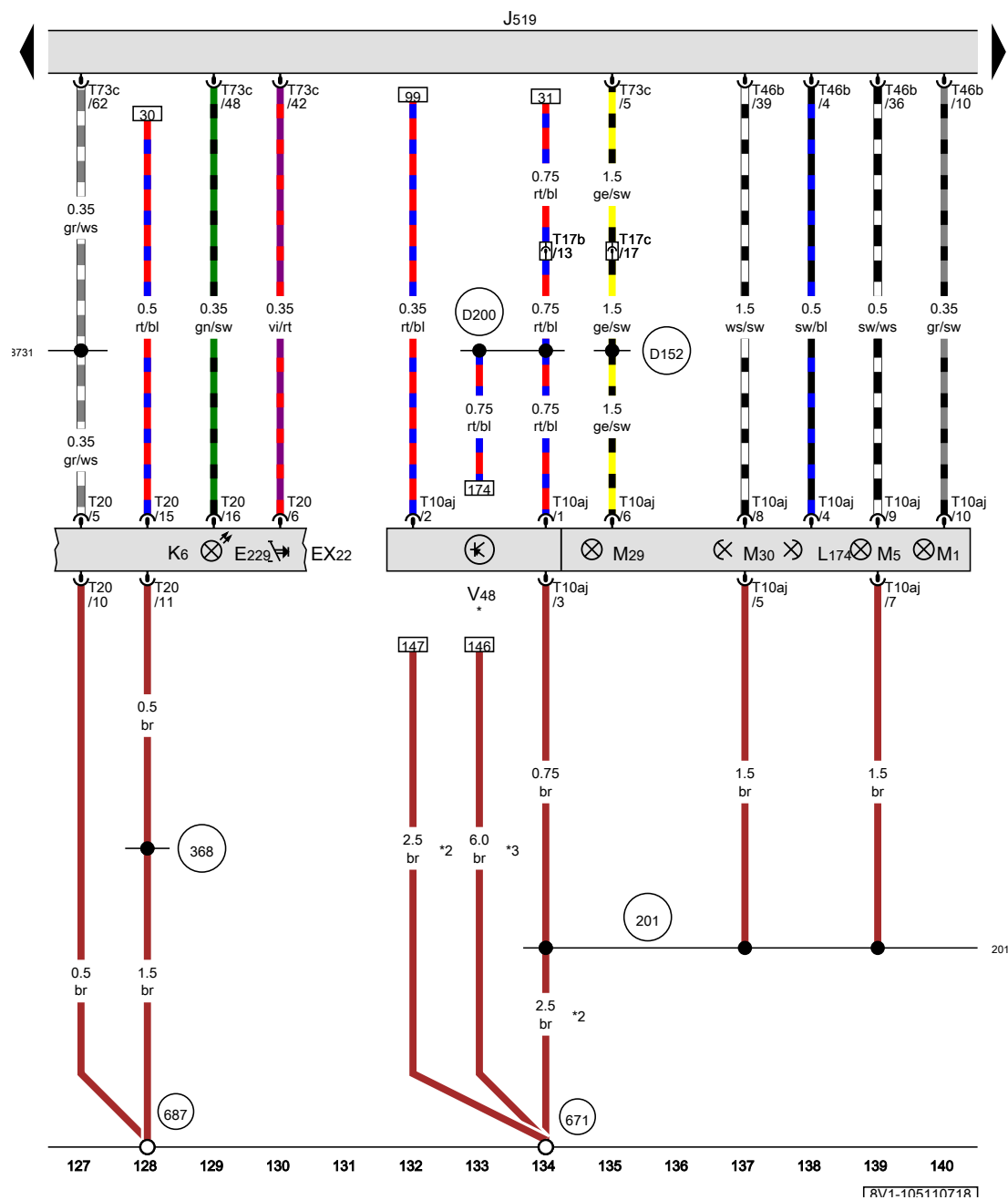
D106 Connection 4 in engine compartment wiring harness

* According to equipment

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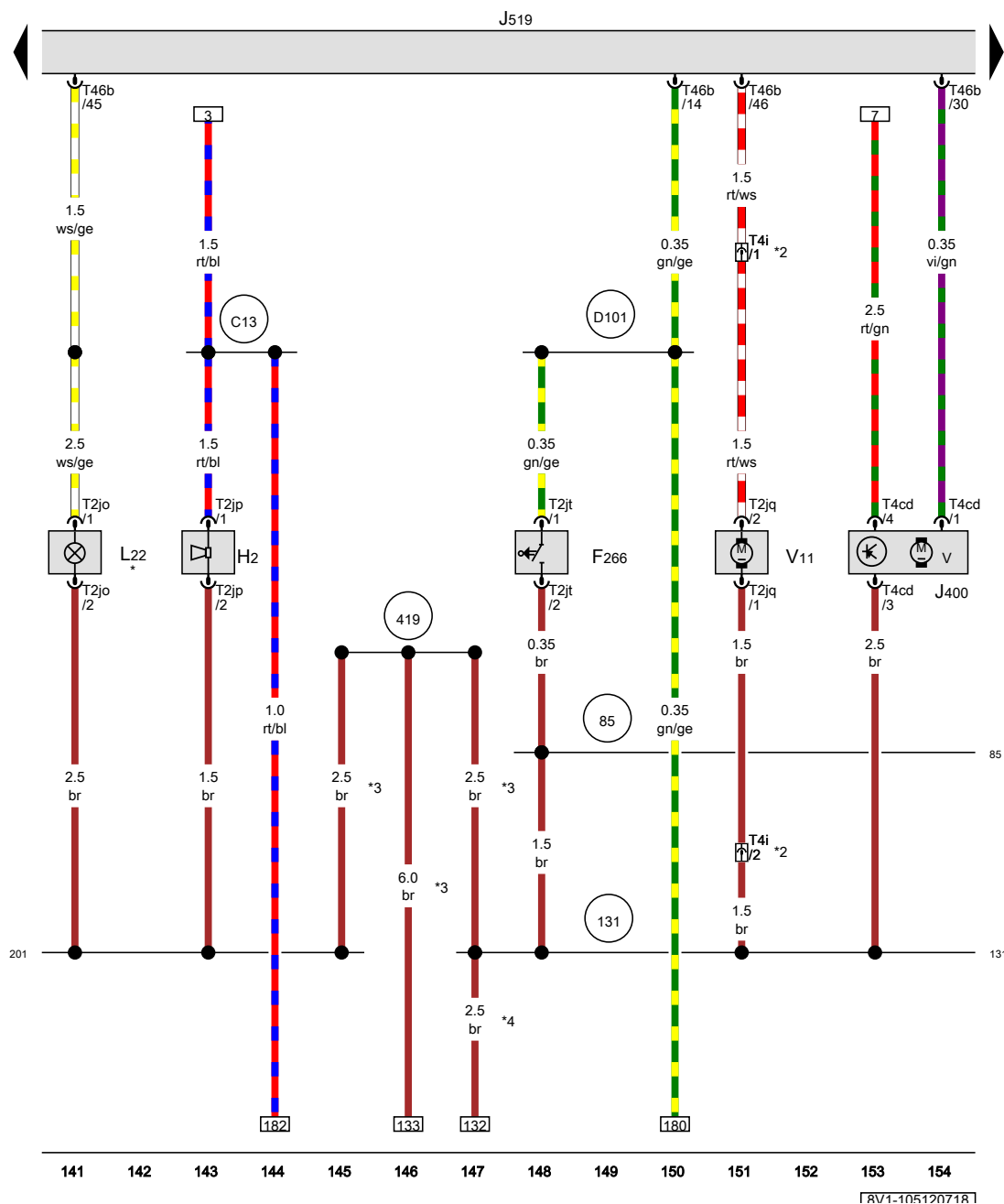
Glove compartment light switch, Onboard supply control unit, Front roof module, Glove compartment light





Centre switch module in dash panel, Hazard warning lights button, Onboard supply control unit, Left daytime running light bulb, Left side light bulb, Front left turn signal bulb, Left headlight dipped beam bulb, Left headlight main beam bulb, Left headlight range control motor

- EX22 Centre switch module in dash panel
- E229 Hazard warning lights button
- J519 Onboard supply control unit
- K6 Indicator lamp for hazard warning light
- L174 Left daytime running light bulb
- M1 Left side light bulb
- M5 Front left turn signal bulb
- M29 Left headlight dipped beam bulb
- M30 Left headlight main beam bulb
- T10aj 10-pin connector
- T17b 17-pin connector
- T17c 17-pin connector
- T20 20-pin connector
- T46b 46-pin connector
- T73c 73-pin connector
- V48 Left headlight range control motor
- 201 Earth connection 5, in engine compartment wiring harness
- 368 Earth connection 3, in main wiring harness
- 671 Earth point 1, on front of left longitudinal member
- 687 Earth point 1, on centre tunnel
- B731 Connection 1 (58s), in main wiring harness
- D152 Positive connection 1 (56b), in engine compartment wiring harness
- D200 Positive connection 3 (15a), in engine compartment wiring harness
- * For models with headlight range control
- *2 Gradually discontinued
- *3 gradual introduction



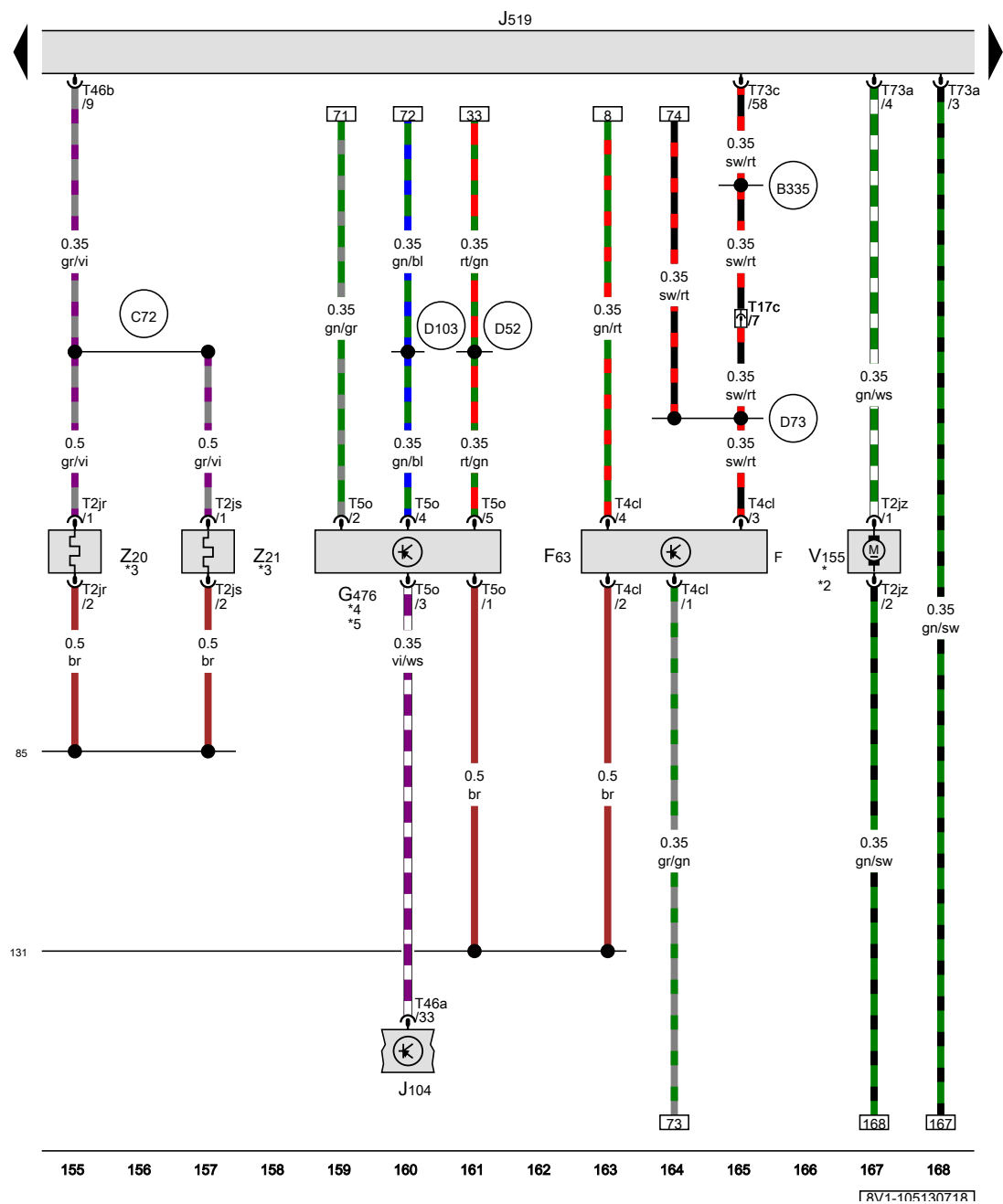
Bonnet contact switch, Treble horn, Wiper motor control unit, Onboard supply control unit, Left fog light bulb, Windscreen wiper motor, Headlight washer system pump

- F266 Bonnet contact switch
- H2 Treble horn
- J400 Wiper motor control unit
- J519 Onboard supply control unit
- L22 Left fog light bulb
- T2jo 2-pin connector
- T2jp 2-pin connector
- T2jq 2-pin connector
- T2jt 2-pin connector
- T4cd 4-pin connector
- T4i 4-pin connector
- T46b 46-pin connector
- V Windscreen wiper motor
- V11 Headlight washer system pump

- 85 Earth connection 1, in engine compartment wiring harness
- 131 Earth connection 2, in engine compartment wiring harness
- 201 Earth connection 5, in engine compartment wiring harness
- 419 Earth connection 11, in engine compartment wiring harness
- C13 Positive connection in dual tone horn wiring harness
- D101 Connection 1 in engine compartment wiring harness

- * For models with fog lights
- *2 According to equipment
- *3 gradual introduction
- *4 Gradually discontinued

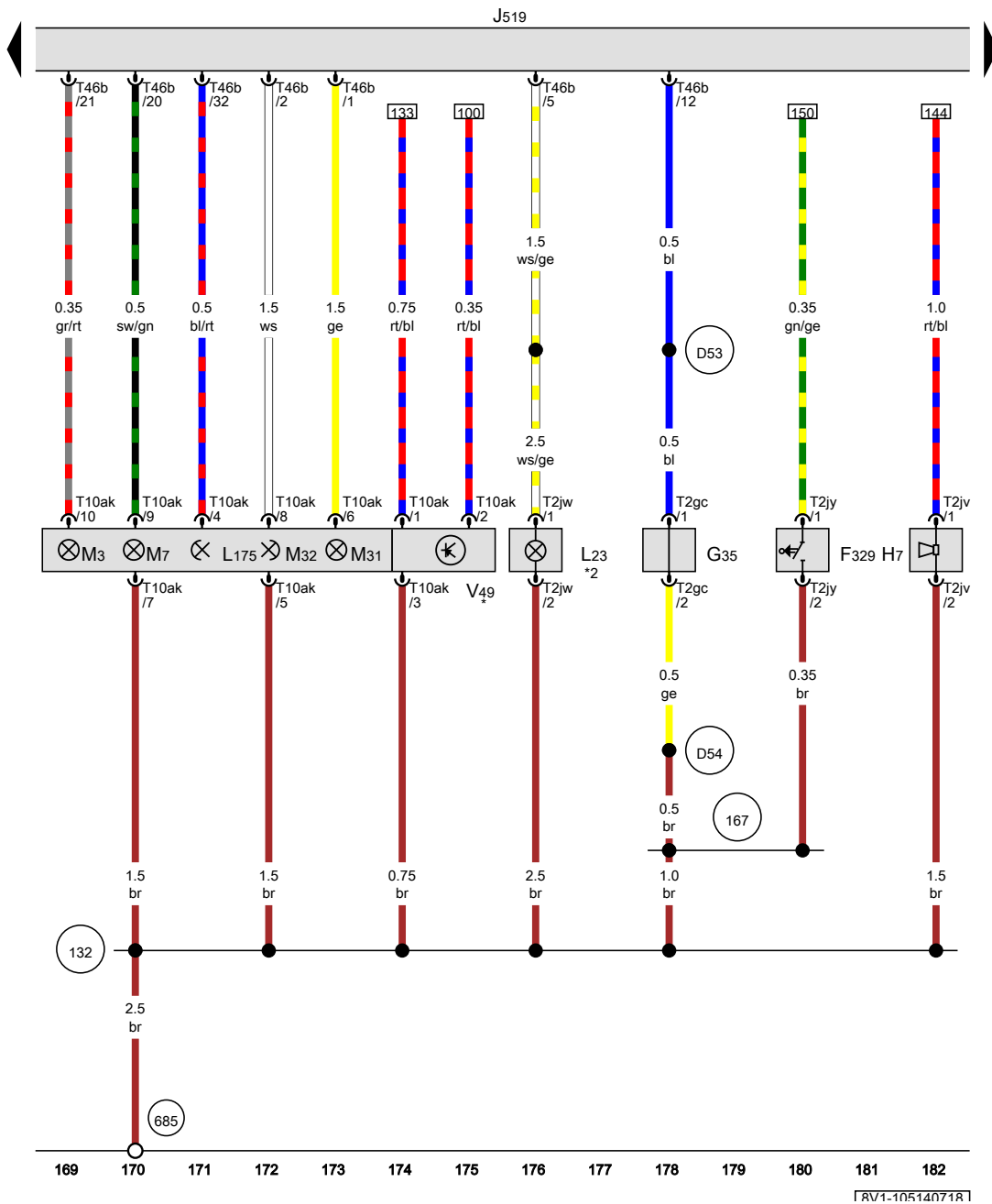
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Brake pedal switch, Clutch position sender, Onboard supply control unit, Tank filler flap locking motor, Left washer jet heater element, Right washer jet heater element

- F Brake light switch
- F63 Brake pedal switch
- G476 Clutch position sender
- J104 ABS control unit
- J519 Onboard supply control unit
- T2jr 2-pin connector
- T2js 2-pin connector
- T2jz 2-pin connector
- T4cl 4-pin connector
- T5o 5-pin connector
- T17c 17-pin connector
- T46a 46-pin connector
- T46b 46-pin connector
- T73a 73-pin connector
- T73c 73-pin connector
- V155 Tank filler flap locking motor
- Z20 Left washer jet heater element
- Z21 Right washer jet heater element
- 85 Earth connection 1, in engine compartment wiring harness
- 131 Earth connection 2, in engine compartment wiring harness
- B335 Connection 1 (54), in main wiring harness
- C72 Positive connection in heated washer jet wiring harness
- D52 Positive connection (15a), in engine compartment wiring harness
- D73 Positive connection (54), in engine compartment wiring harness
- D103 Connection 3 in engine compartment wiring harness
- * For models with no hybrid drive system
- *2 see applicable current flow diagram for high-voltage system
- *3 For models with heater element for washer jets
- *4 see applicable current flow diagram for engine
- *5 For models with manual gearbox

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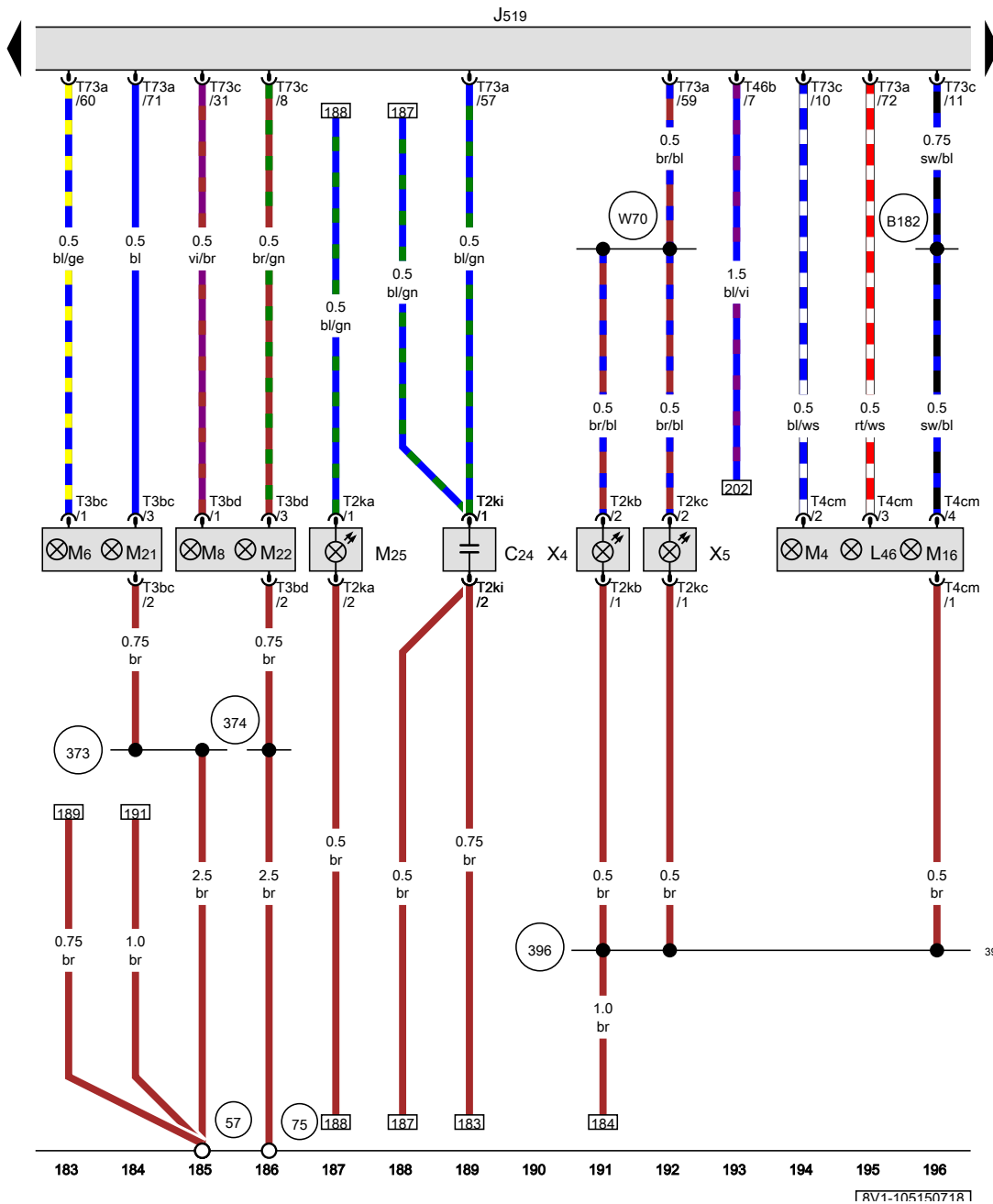


Bonnet contact switch 2, Front right brake pad wear sender, Bass horn, Onboard supply control unit, Right fog light bulb, Right daytime running light bulb, Right side light bulb, Front right turn signal bulb, Right headlight dipped beam bulb, Right headlight main beam bulb, Right headlight range control motor

- F329 Bonnet contact switch 2
- G35 Front right brake pad wear sender
- H7 Bass horn
- J519 Onboard supply control unit
- L23 Right fog light bulb
- L175 Right daytime running light bulb
- M3 Right side light bulb
- M7 Front right turn signal bulb
- M31 Right headlight dipped beam bulb
- M32 Right headlight main beam bulb
- T2gc 2-pin connector
- T2jv 2-pin connector
- T2jw 2-pin connector
- T2jy 2-pin connector
- T10ak 10-pin connector
- T46b 46-pin connector
- V49 Right headlight range control motor

- 132 Earth connection 3, in engine compartment wiring harness
- 167 Earth connection 4, in engine compartment wiring harness
- 685 Earth point 1, on front of right longitudinal member
- D53 Connection (right brake wear indicator), in engine compartment wiring harness
- D54 Connection (right brake wear indicator), in engine compartment wiring harness
- * For models with headlight range control
- *2 For models with fog lights

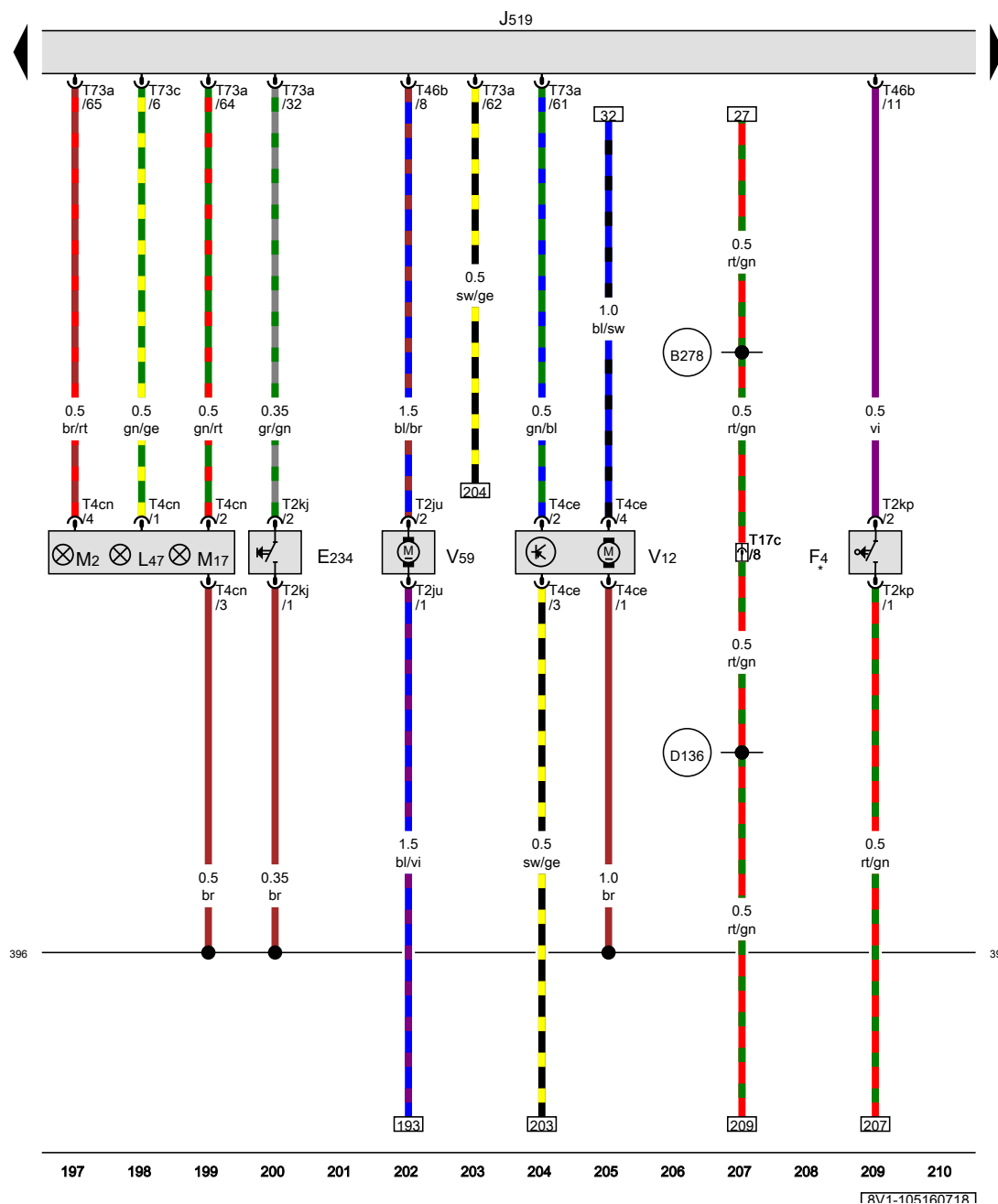
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Onboard supply control unit, Rear left fog light bulb, Left tail light bulb, Rear left turn signal bulb, Rear right turn signal bulb, Left reversing light bulb, Left brake and tail light bulb, Right brake and tail light bulb, High-level brake light bulb

- C24 Suppression filter
- J519 Onboard supply control unit
- L46 Rear left fog light bulb
- M4 Left tail light bulb
- M6 Rear left turn signal bulb
- M8 Rear right turn signal bulb
- M16 Left reversing light bulb
- M21 Left brake and tail light bulb
- M22 Right brake and tail light bulb
- M25 High-level brake light bulb
- T2ka 2-pin connector
- T2kb 2-pin connector
- T2kc 2-pin connector
- T2ki 2-pin connector
- T3bc 3-pin connector
- T3bd 3-pin connector
- T4cm 4-pin connector
- T46b 46-pin connector
- T73a 73-pin connector
- T73c 73-pin connector
- X4 Left number plate light
- X5 Right number plate light

- 57 Earth point, rear left pillar
- 75 Earth point, rear right pillar
- 373 Earth connection 8, in main wiring harness
- 374 Earth connection 9, in main wiring harness
- 396 Earth connection 31, in main wiring harness
- B182 Connection (RL), in interior wiring harness
- W70 Positive connection 2 (58), in number plate wiring harness

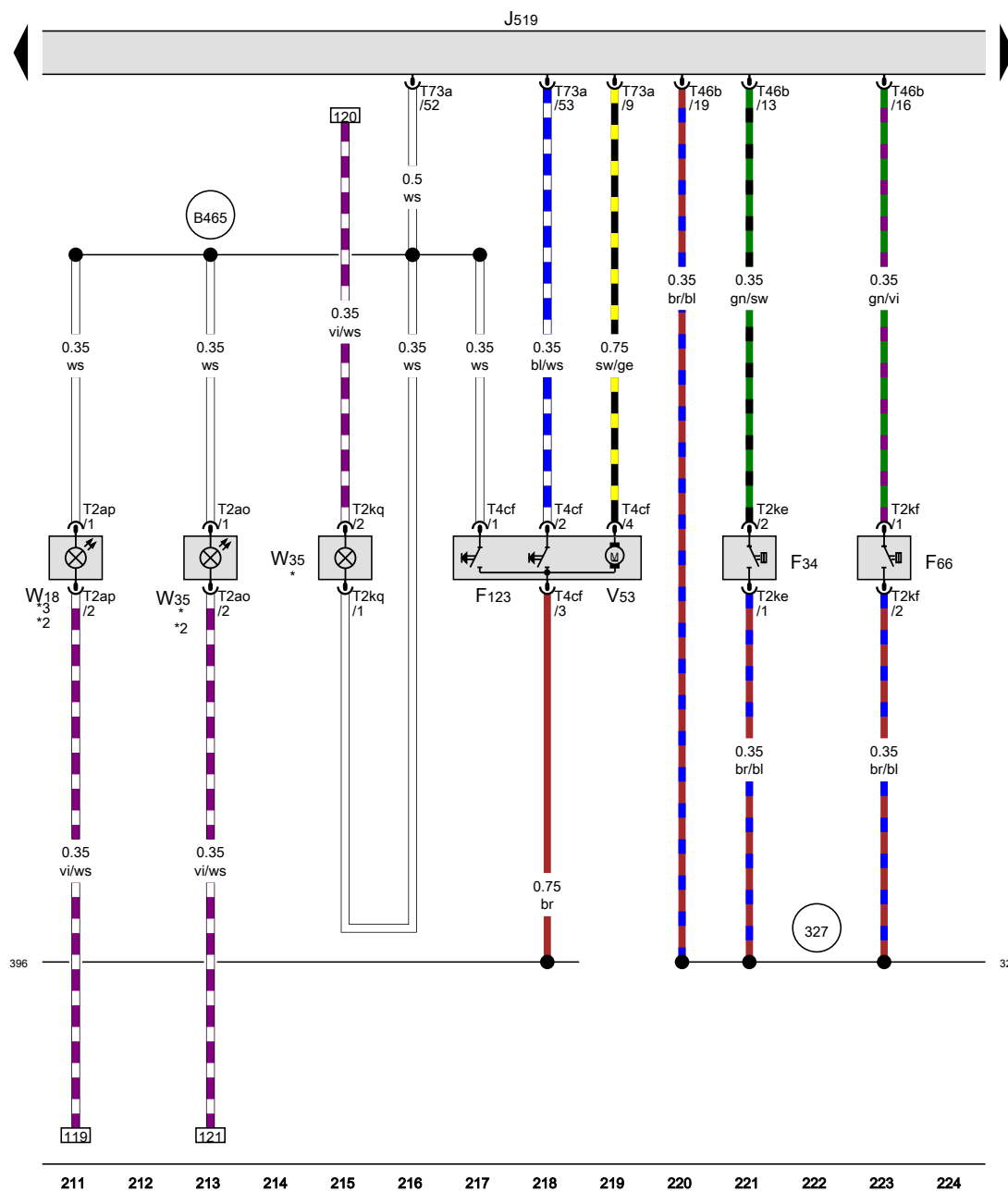


Rear lid handle release button, Reversing light switch, Onboard supply control unit, Rear right fog light bulb, Right tail light bulb, Right reversing light bulb, Rear window wiper motor, Windscreen and rear window washer pump

- E234 Rear lid handle release button
- F4 Reversing light switch
- J519 Onboard supply control unit
- L47 Rear right fog light bulb
- M2 Right tail light bulb
- M17 Right reversing light bulb
- T2ju 2-pin connector
- T2kj 2-pin connector
- T2kp 2-pin connector
- T4ce 4-pin connector
- T4cn 4-pin connector
- T17c 17-pin connector
- T46b 46-pin connector
- T73a 73-pin connector
- T73c 73-pin connector
- V12 Rear window wiper motor
- V59 Windscreen and rear window washer pump

- 396 Earth connection 31, in main wiring harness
- B278 Positive connection 2 (15a) in main wiring harness
- D136 Positive connection 2 (15a), in engine compartment wiring harness
- * For models with manual gearbox

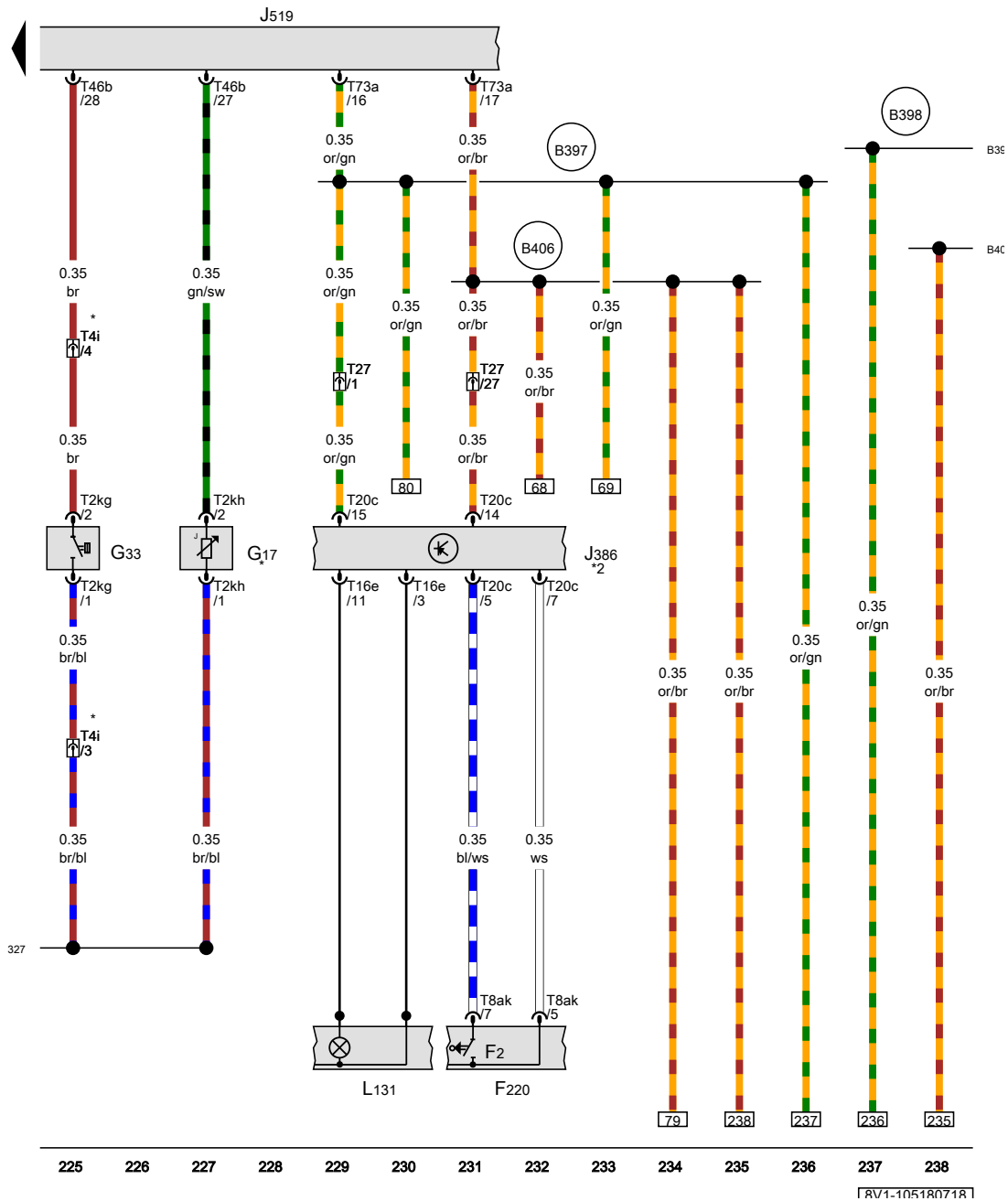
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Brake fluid level warning contact, Coolant shortage indicator switch, Rear lid contact switch for anti-theft alarm, Onboard supply control unit, Rear lid central locking motor

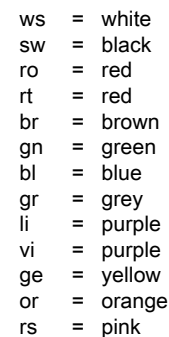
- F34 Brake fluid level warning contact
- F66 Coolant shortage indicator switch
- F123 Rear lid contact switch for anti-theft alarm
- J519 Onboard supply control unit
- T2ao 2-pin connector
- T2ap 2-pin connector
- T2ke 2-pin connector
- T2kf 2-pin connector
- T2kq 2-pin connector
- T4cf 4-pin connector
- T46b 46-pin connector
- T73a 73-pin connector
- V53 Rear lid central locking motor
- W18 Left luggage compartment light
- W35 Right luggage compartment light
- 327 Earth connection (sender earth), in engine compartment wiring harness
- 396 Earth connection 31, in main wiring harness
- B465 Connection 1, in main wiring harness
- * According to equipment
- *2 Pre-wired component
- *3 If fitted

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Driver side central locking lock unit, Ambient temperature sensor, Windscreen washer fluid level sender, Driver door control unit, Onboard supply control unit, Driver side turn signal repeater bulb

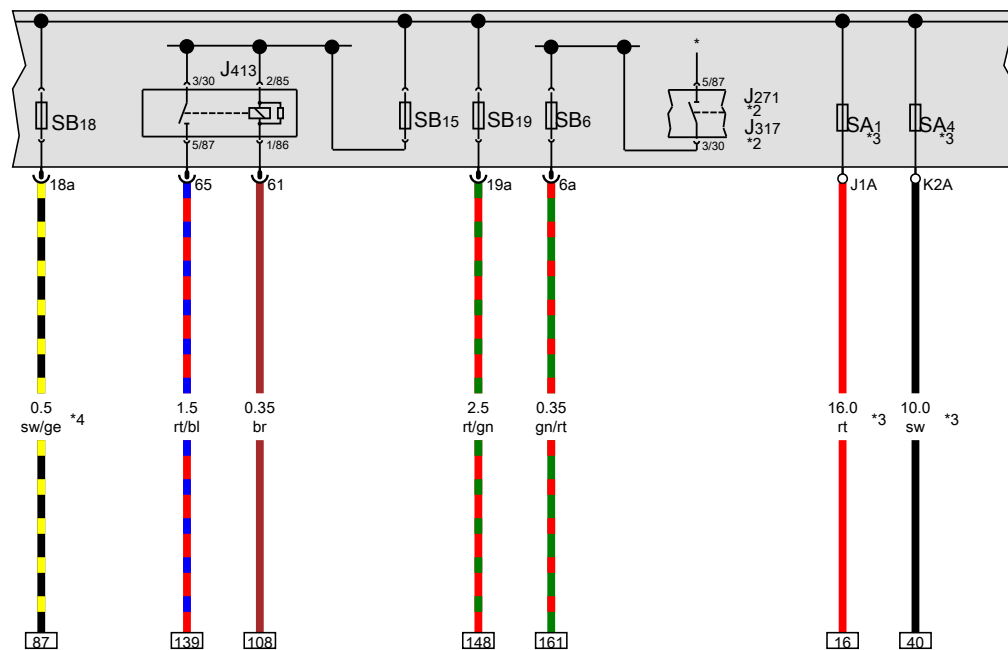
- F2 Driver door contact switch
- F220 Driver side central locking lock unit
- G17 Ambient temperature sensor
- G33 Windscreen washer fluid level sender
- J386 Driver door control unit
- J519 Onboard supply control unit
- L131 Driver side turn signal repeater bulb
- T2kg 2-pin connector
- T2kh 2-pin connector
- T4i 4-pin connector
- T8ak 8-pin connector
- T16e 16-pin connector
- T20c 20-pin connector
- T27 27-pin connector, on left A-pillar
- T46b 46-pin connector
- T73a 73-pin connector
- 327 Earth connection (sender earth), in engine compartment wiring harness
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness
- * According to equipment
- *2 see applicable current flow diagram for convenience system



F221	Front passenger side central locking lock unit
J387	Front passenger door control unit
L132	Front passenger side turn signal repeater bulb
T6bn	6-pin connector
T16f	16-pin connector
T20d	20-pin connector
T27a	27-pin connector, in right A-pillar, on right A-pillar
B398	Connection 2 (convenience CAN bus, high), in main wiring harness
B407	Connection 2 (convenience CAN bus, low), in main wiring harness
*	see applicable current flow diagram for convenience system

Basic equipment , (L0L),(5C0)

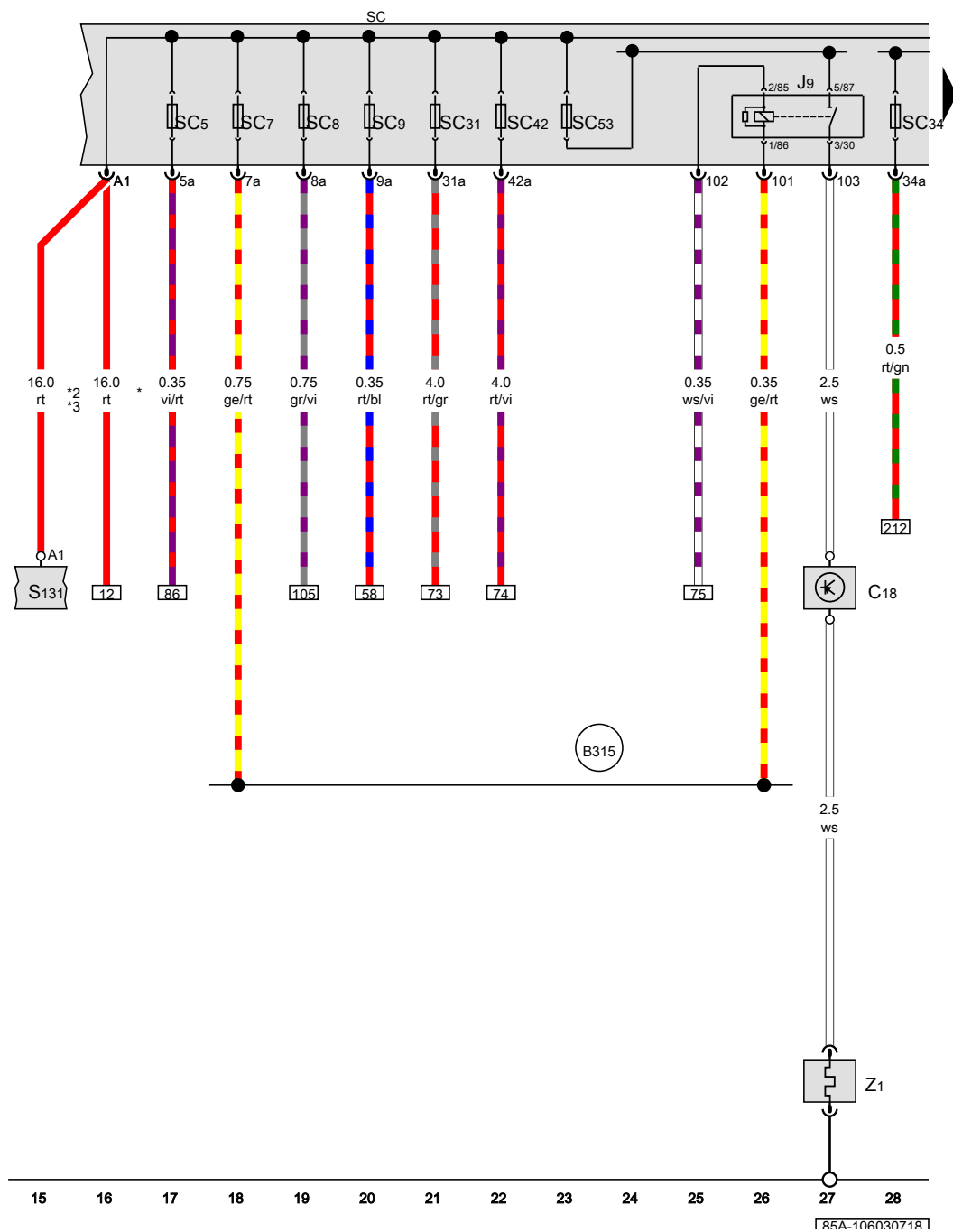
From November 2014



Main relay, Terminal 30 voltage supply relay, Horn relay

- J271 Main relay
- J317 Terminal 30 voltage supply relay
- J413 Horn relay
- SA1 Fuse 1 on fuse holder A
- SA4 Fuse 4 on fuse holder A
- SB6 Fuse 6 on fuse holder B
- SB15 Fuse 15 on fuse holder B
- SB18 Fuse 18 on fuse holder B
- SB19 Fuse 19 on fuse holder B
- * see applicable current flow diagram for engine
- *2 According to equipment
- *3 Not for RS 3 models
- *4 For models with no start/stop system

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Heated rear window relay, Fuse holder C, Heated rear window

- C18 Window aerial suppression filter
- J9 Heated rear window relay
- SC Fuse holder C
- SC5 Fuse 5 on fuse holder C
- SC7 Fuse 7 on fuse holder C
- SC8 Fuse 8 on fuse holder C
- SC9 Fuse 9 on fuse holder C
- SC31 Fuse 31 on fuse holder C
- SC34 Fuse 34 on fuse holder C
- SC42 Fuse 42 on fuse holder C
- SC53 Fuse 53 on fuse holder C
- S131 Fuse 1
- Z1 Heated rear window

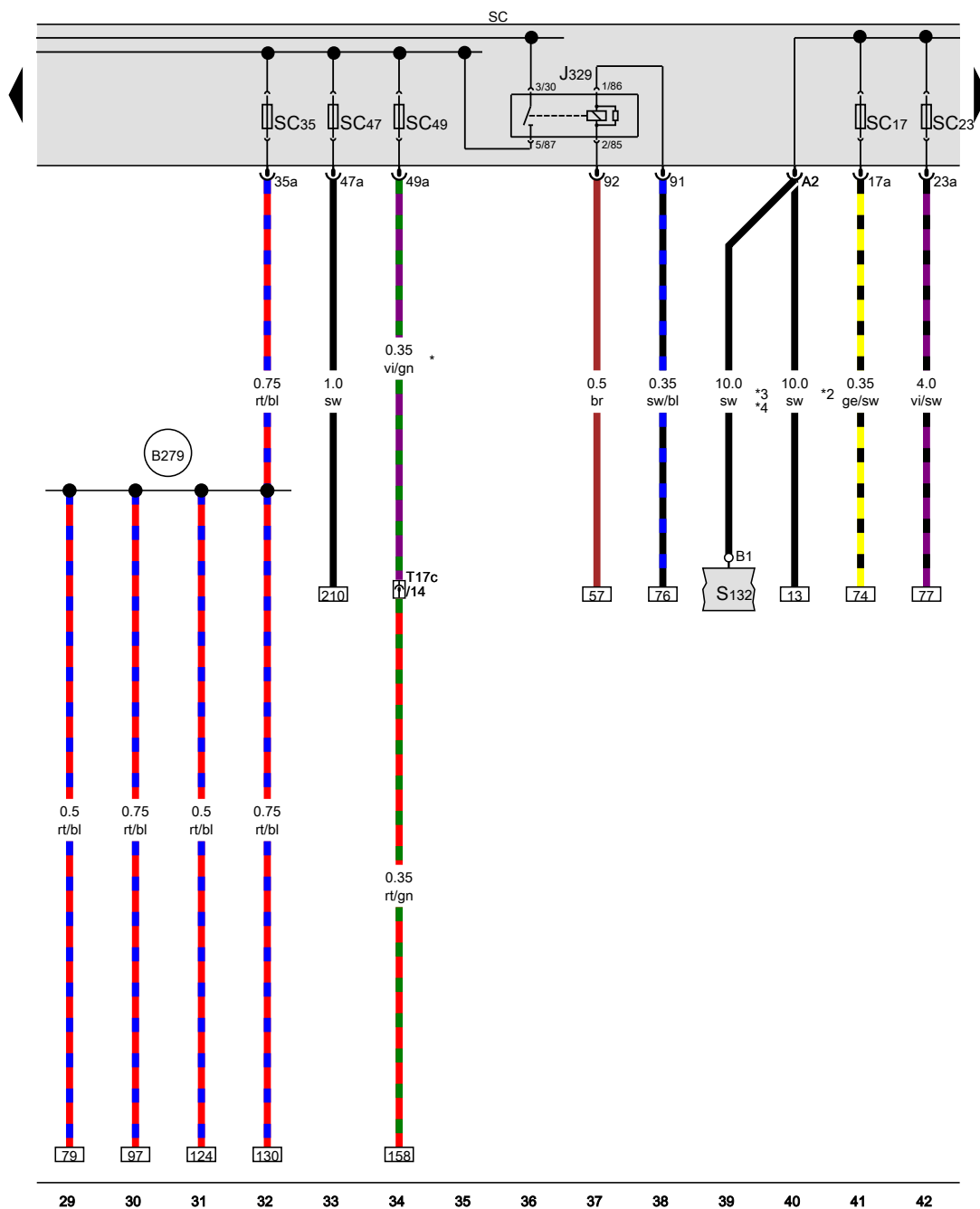
B315 Positive connection 1 (30a) in main wiring harness

* Not for RS 3 models

*2 For RS 3 models

*3 see applicable current flow diagram for battery

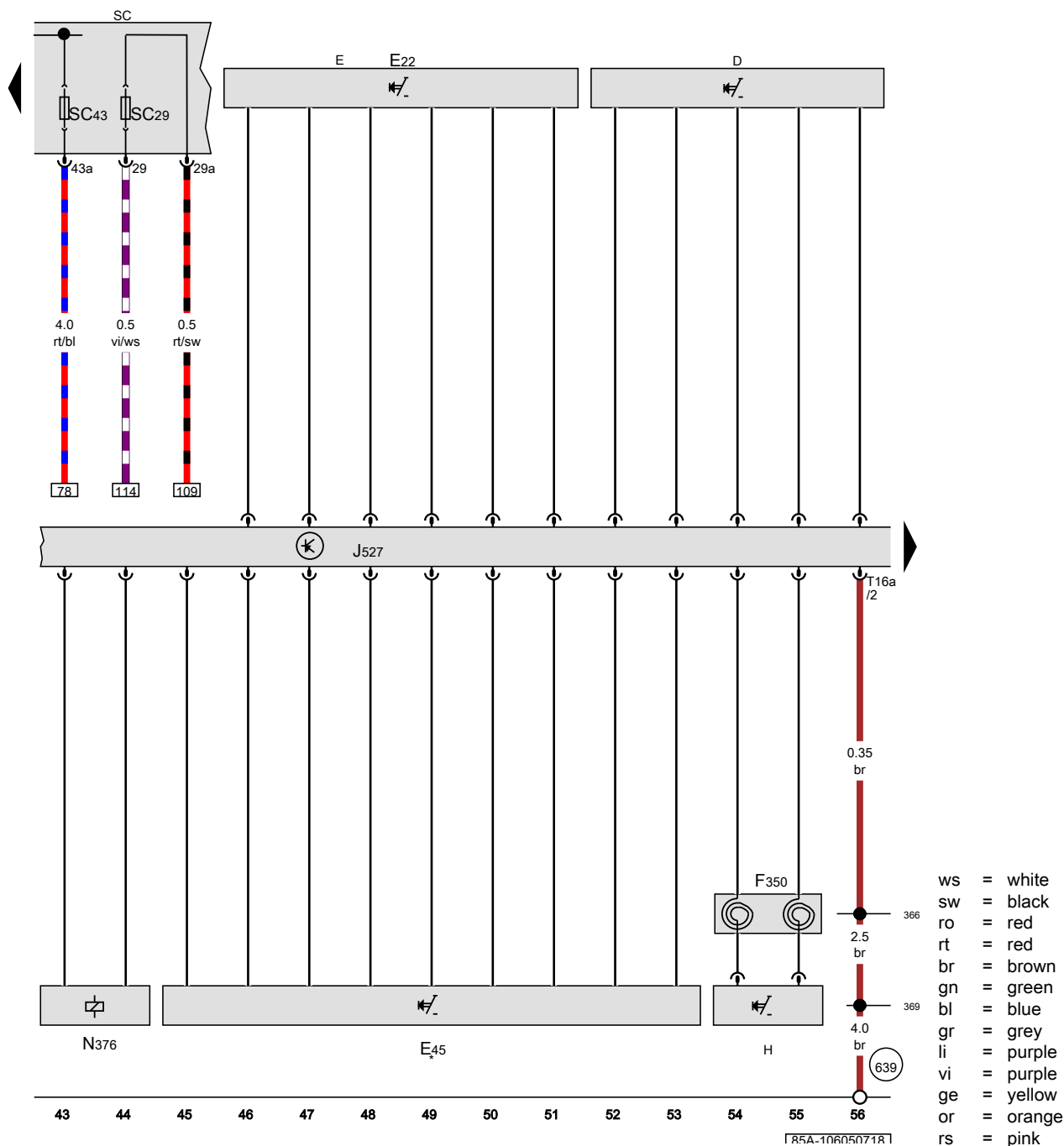
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Terminal 15 voltage supply relay, Fuse holder C

- J329 Terminal 15 voltage supply relay
- SC Fuse holder C
- SC17 Fuse 17 on fuse holder C
- SC23 Fuse 23 on fuse holder C
- SC35 Fuse 35 on fuse holder C
- SC47 Fuse 47 on fuse holder C
- SC49 Fuse 49 on fuse holder C
- S132 Fuse 2
- T17c 17-pin connector
- B279 Positive connection 3 (15a) in main wiring harness
- * For models with no hybrid drive system
- *2 Not for RS 3 models
- *3 For RS 3 models
- *4 see applicable current flow diagram for battery

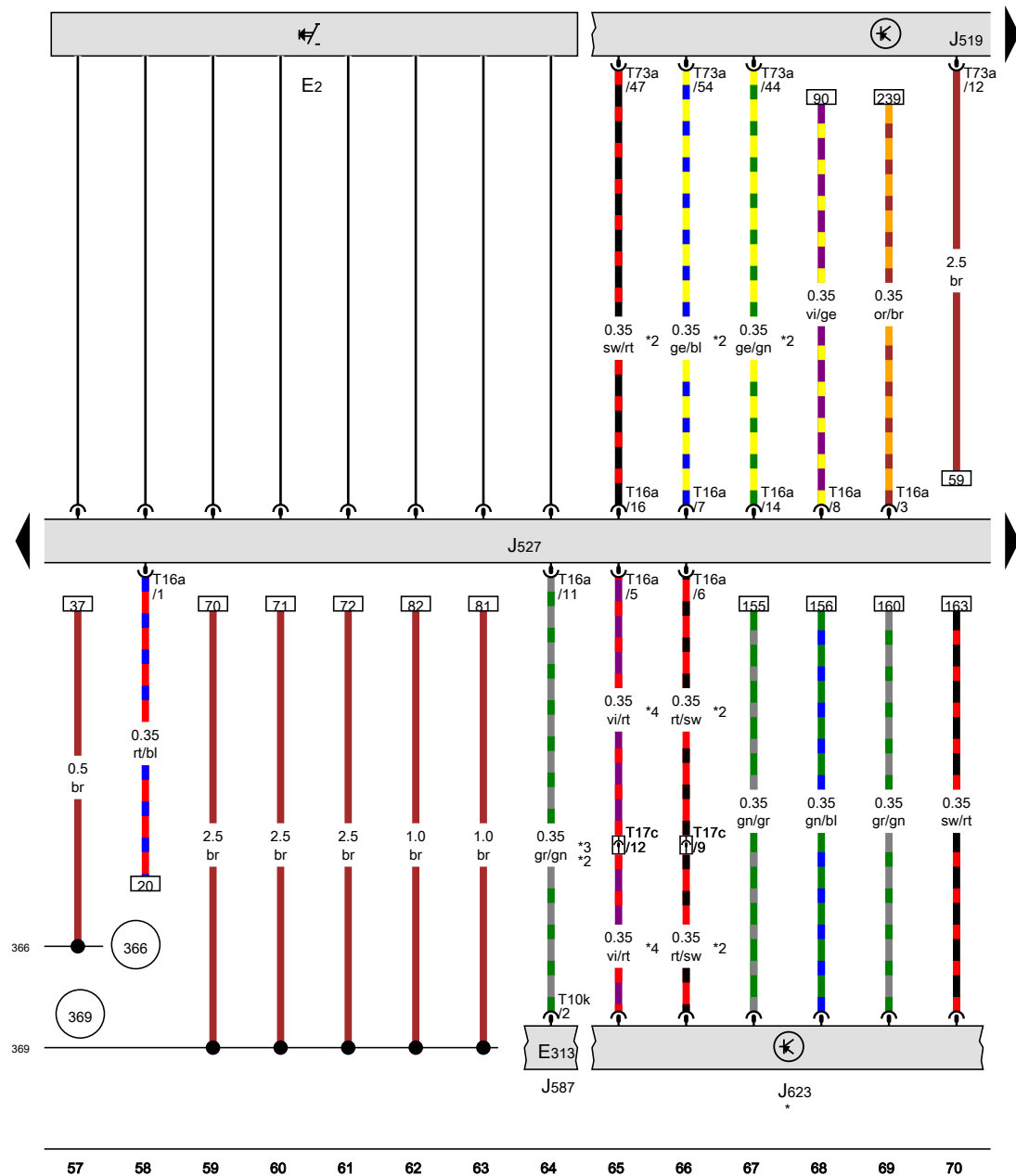
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Ignition/starter switch, Windscreen wiper switch, Intermittent wiper switch, Cruise control system switch, Horn plate, Steering column electronics control unit, Fuse holder C

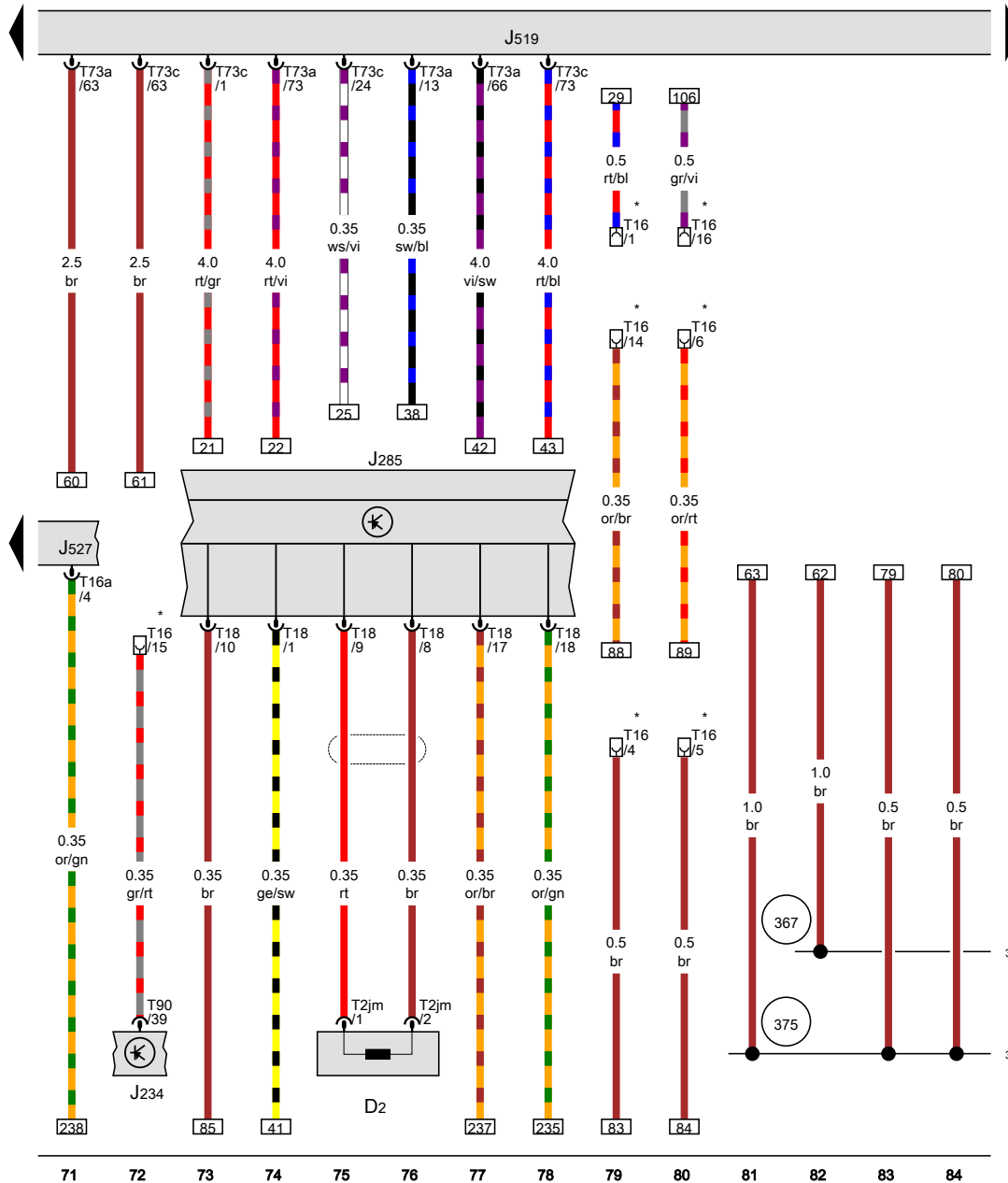
- D Ignition/starter switch
- E Windscreen wiper switch
- E22 Intermittent wiper switch
- E45 Cruise control system switch
- F350 Coil connector
- H Horn plate
- J527 Steering column electronics control unit
- N376 Ignition key withdrawal lock solenoid
- SC Fuse holder C
- SC29 Fuse 29 on fuse holder C
- SC43 Fuse 43 on fuse holder C
- T1 1-pin connector
- T16a 16-pin connector
- 366 Earth connection 1, in main wiring harness
- 369 Earth connection 4, in main wiring harness
- 639 Earth point, left A-pillar
- * For models with cruise control system (CCS)

Turn signal switch, Onboard supply control unit, Steering column electronics control unit



- E2 Turn signal switch
- E313 Selector lever
- J519 Onboard supply control unit
- J527 Steering column electronics control unit
- J587 Selector lever sensors control unit
- J623 Engine/motor control unit
- T10k 10-pin connector
- T16a 16-pin connector
- T17c 17-pin connector
- T73a 73-pin connector
- 366 Earth connection 1, in main wiring harness
- 369 Earth connection 4, in main wiring harness
- * see applicable current flow diagram for engine
- *2 For models with no entry and start authorisation
- *3 see applicable current flow diagram for automatic gearbox
- *4 For models with cruise control system (CCS)

Control unit in dash panel insert, Onboard supply control unit, Steering column electronics control unit



- D2 Immobiliser reader coil
- J234 Airbag control unit
- J285 Control unit in dash panel insert
- J519 Onboard supply control unit
- J527 Steering column electronics control unit
- T2jm 2-pin connector
- T16 16-pin connector
- T16a 16-pin connector
- T18 18-pin connector
- T73a 73-pin connector
- T73c 73-pin connector
- T90 90-pin connector

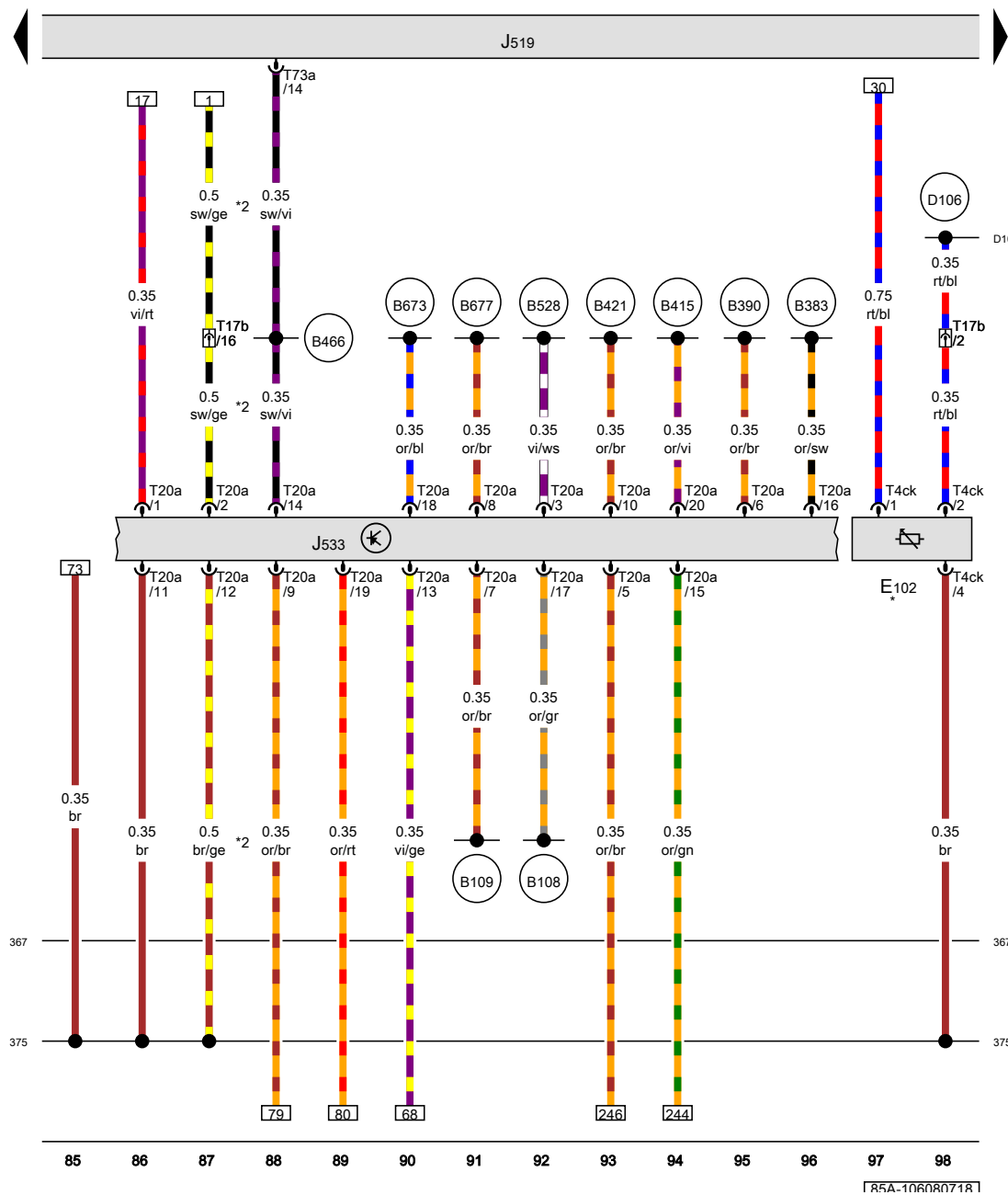
367 Earth connection 2, in main wiring harness

375 Earth connection 10, in main wiring harness

* Diagnostic connection

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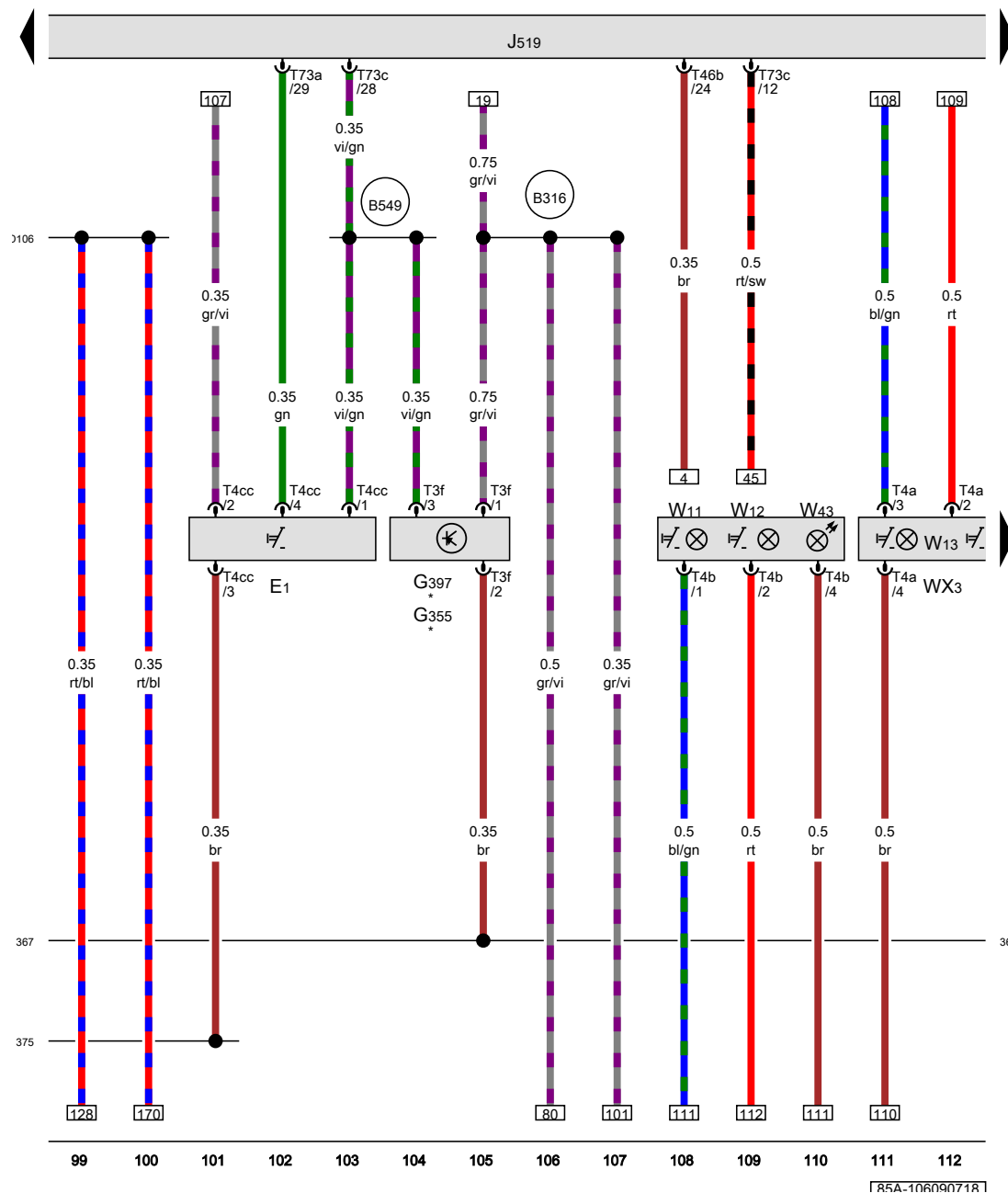
Onboard supply control unit, Data bus diagnostic interface

- E102 Headlight range control regulator
- J519 Onboard supply control unit
- J533 Data bus diagnostic interface
- T4ck 4-pin connector
- T17b 17-pin connector
- T20a 20-pin connector
- T73a 73-pin connector

- 367 Earth connection 2, in main wiring harness
- 375 Earth connection 10, in main wiring harness
- B108 Connection 1 (CAN bus extended high), in main wiring harness
- B109 Connection 1 (CAN bus extended low), in main wiring harness
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- B415 Connection 1 (infotainment CAN bus, high), in main wiring harness
- B421 Connection 1 (infotainment CAN bus, low), in main wiring harness
- B466 Connection 2, in main wiring harness
- B528 Connection 1 (LIN bus) in main wiring harness
- B673 Connection 2 (running gear/dash panel insert CAN bus, high), in main wiring harness
- B677 Connection 2 (running gear/dash panel insert CAN bus, low), in main wiring harness
- D106 Connection 4 in engine compartment wiring harness

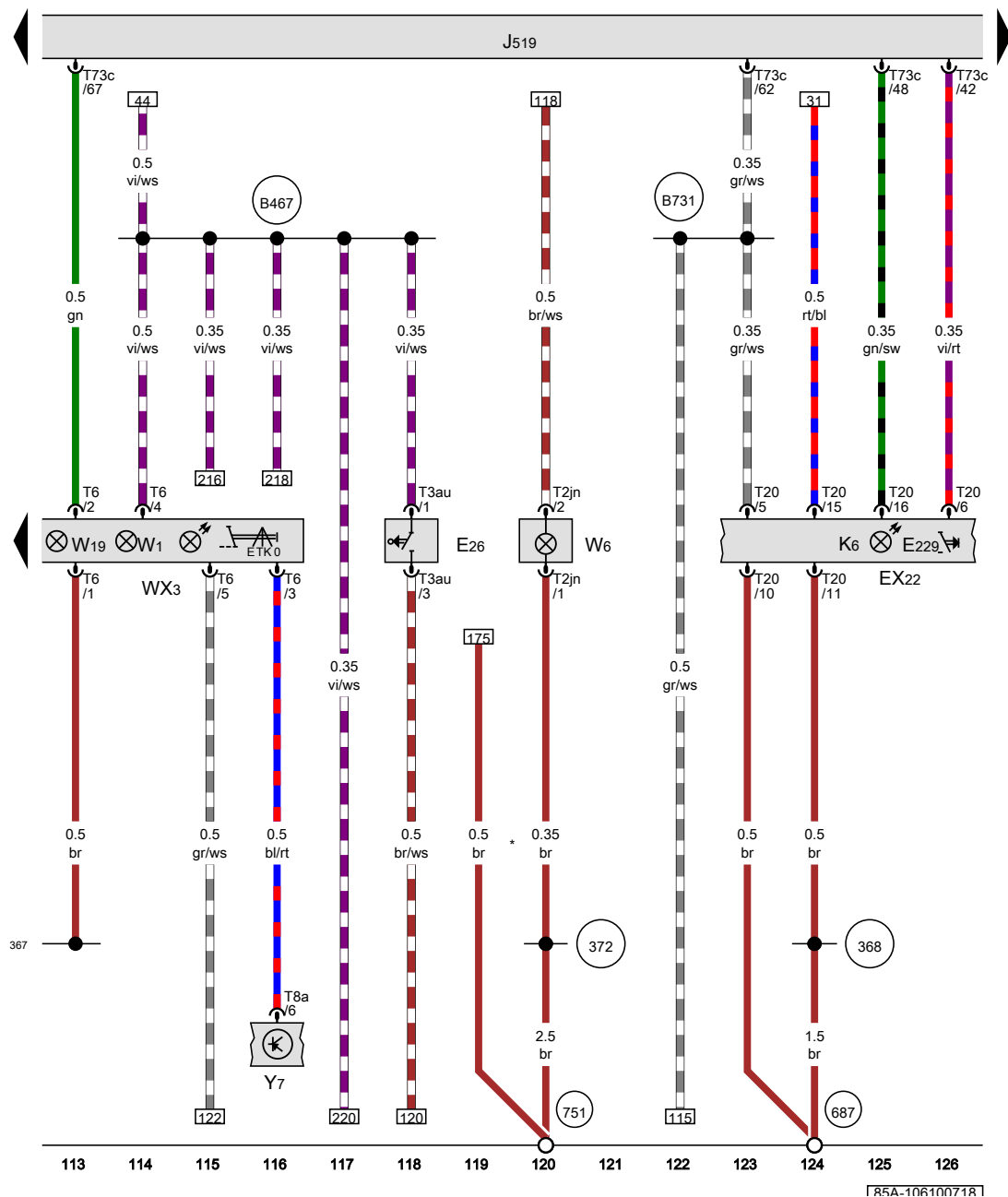
* For models with no automatic headlight range control
 *2 For models with no start/stop system

Light switch, Rain and light sensor, Onboard supply control unit, Front roof module, Rear interior light



- E1 Light switch
- G355 Humidity sender
- G397 Rain and light sensor
- J519 Onboard supply control unit
- T3f 3-pin connector
- T4a 4-pin connector
- T4b 4-pin connector
- T4cc 4-pin connector
- T46b 46-pin connector
- T73a 73-pin connector
- T73c 73-pin connector
- WX3 Front roof module
- W11 Rear left reading light
- W12 Rear right reading light
- W13 Front passenger reading light
- W43 Rear interior light
- 367 Earth connection 2, in main wiring harness
- 375 Earth connection 10, in main wiring harness
- B316 Positive connection 2 (30a) in main wiring harness
- B549 Connection 2 (LIN bus) in main wiring harness
- D106 Connection 4 in engine compartment wiring harness
- * According to equipment

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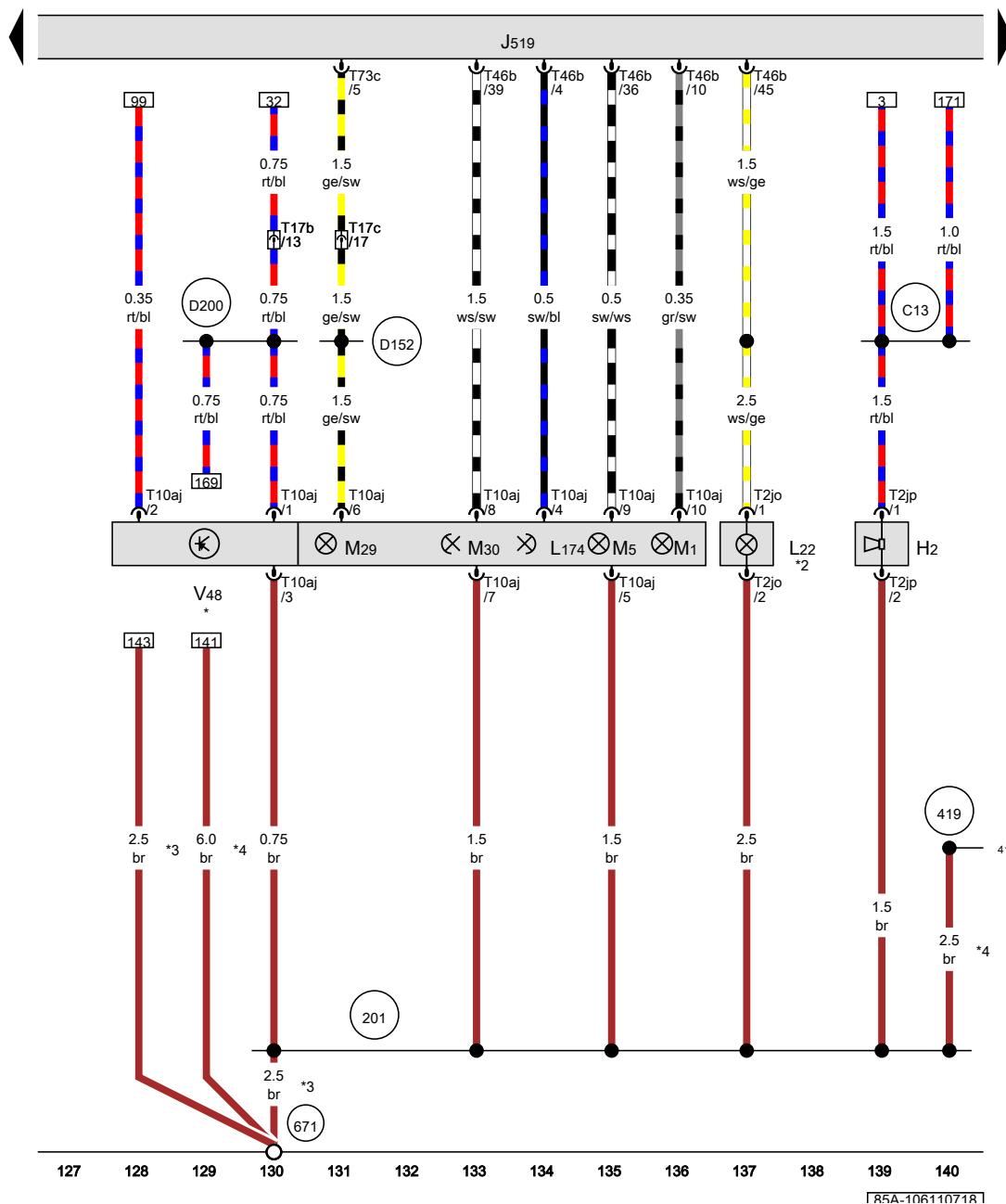
Centre switch module in dash panel, Glove compartment light switch, Hazard warning lights button, Onboard supply control unit, Front roof module, Glove compartment light

- EX22 Centre switch module in dash panel
- E26 Glove compartment light switch
- E229 Hazard warning lights button
- J519 Onboard supply control unit
- K6 Indicator lamp for hazard warning light
- T2jn 2-pin connector
- T3au 3-pin connector
- T6 6-pin connector
- T8a 8-pin connector
- T20 20-pin connector
- T73c 73-pin connector
- W1 Front interior light
- WX3 Front roof module
- W6 Glove compartment light
- W19 Driver side reading light
- Y7 Automatic anti-dazzle interior mirror

- 367 Earth connection 2, in main wiring harness
- 368 Earth connection 3, in main wiring harness
- 372 Earth connection 7, in main wiring harness
- 687 Earth point 1, on centre tunnel
- 751 Earth point 2, on right A-pillar
- B467 Connection 3, in main wiring harness
- B731 Connection 1 (58s), in main wiring harness

* For RS 3 models

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- or = orange
- rs = pink

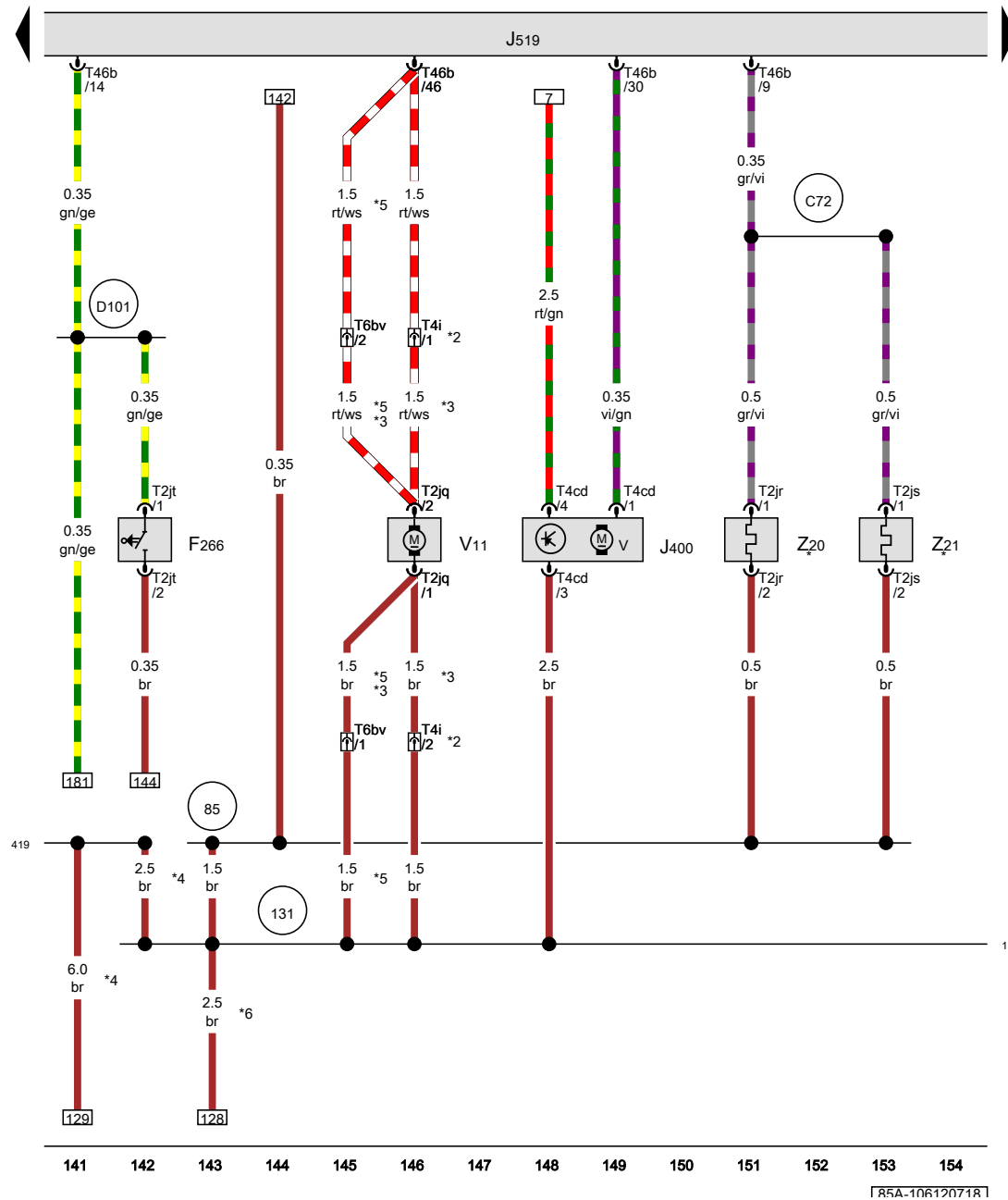


Treble horn, Onboard supply control unit, Left fog light bulb, Left daytime running light bulb, Left side light bulb, Front left turn signal bulb, Left headlight dipped beam bulb, Left headlight main beam bulb, Left headlight range control motor

- H2 Treble horn
- J519 Onboard supply control unit
- L22 Left fog light bulb
- L174 Left daytime running light bulb
- M1 Left side light bulb
- M5 Front left turn signal bulb
- M29 Left headlight dipped beam bulb
- M30 Left headlight main beam bulb
- T2jo 2-pin connector
- T2jp 2-pin connector
- T10aj 10-pin connector
- T17b 17-pin connector
- T17c 17-pin connector
- T46b 46-pin connector
- T73c 73-pin connector
- V48 Left headlight range control motor
- 201 Earth connection 5, in engine compartment wiring harness
- 419 Earth connection 11, in engine compartment wiring harness
- 671 Earth point 1, on front of left longitudinal member
- C13 Positive connection in dual tone horn wiring harness
- D152 Positive connection 1 (56b), in engine compartment wiring harness
- D200 Positive connection 3 (15a), in engine compartment wiring harness

- * For models with headlight range control
- *2 For models with fog lights
- *3 Gradually discontinued
- *4 gradual introduction

ws = white
ro = black
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink



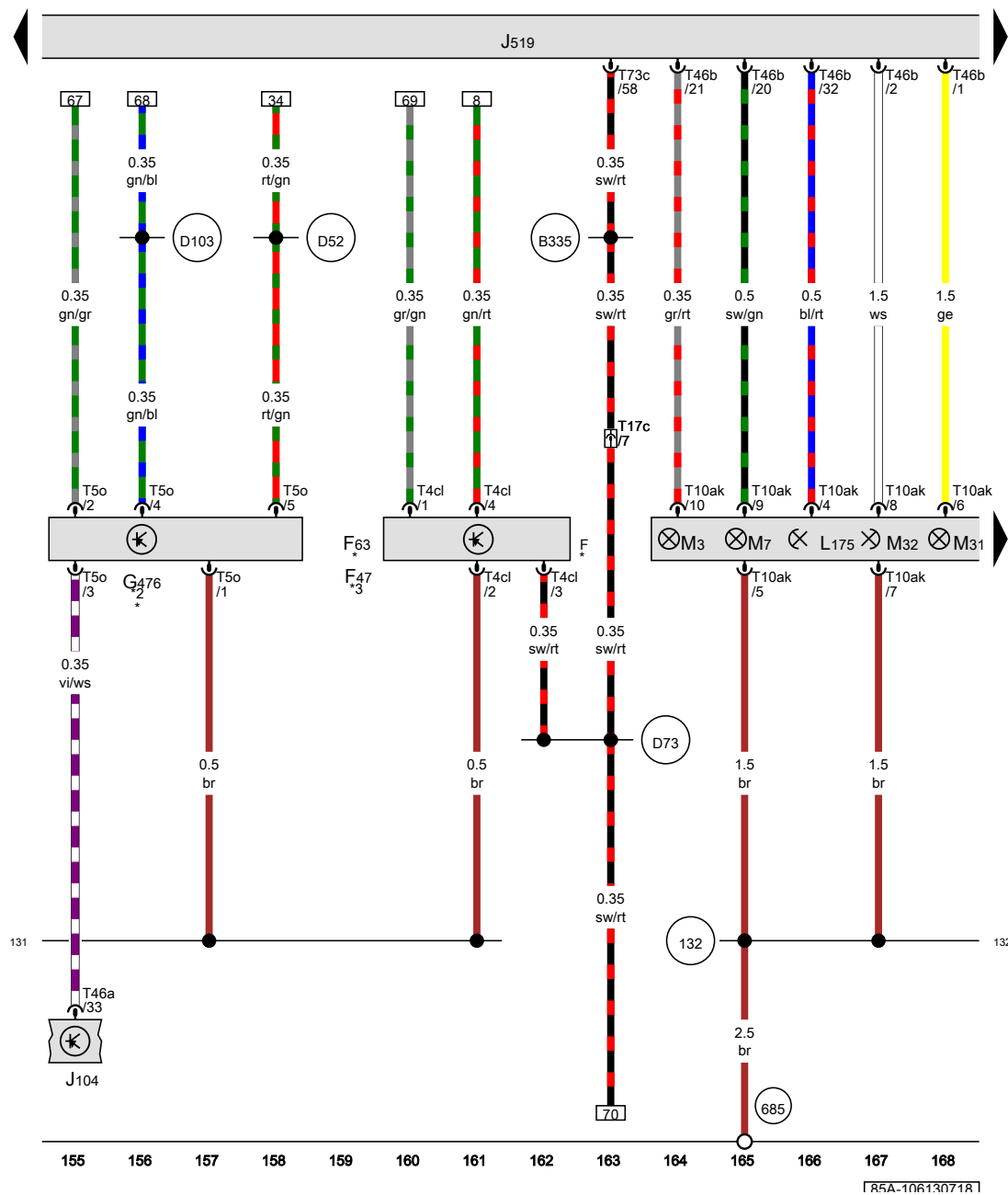
Bonnet contact switch, Wiper motor control unit, Onboard supply control unit, Windscreen wiper motor, Headlight washer system pump, Left washer jet heater element, Right washer jet heater element

- F266 Bonnet contact switch
- J400 Wiper motor control unit
- J519 Onboard supply control unit
- T2jq 2-pin connector
- T2jr 2-pin connector
- T2js 2-pin connector
- T2jt 2-pin connector
- T4cd 4-pin connector
- T4i 4-pin connector
- T6bv 6-pin connector
- T46b 46-pin connector
- V Windscreen wiper motor
- V11 Headlight washer system pump
- Z20 Left washer jet heater element
- Z21 Right washer jet heater element

- 85 Earth connection 1, in engine compartment wiring harness
- 131 Earth connection 2, in engine compartment wiring harness
- 419 Earth connection 11, in engine compartment wiring harness
- C72 Positive connection in heated washer jet wiring harness
- D101 Connection 1 in engine compartment wiring harness

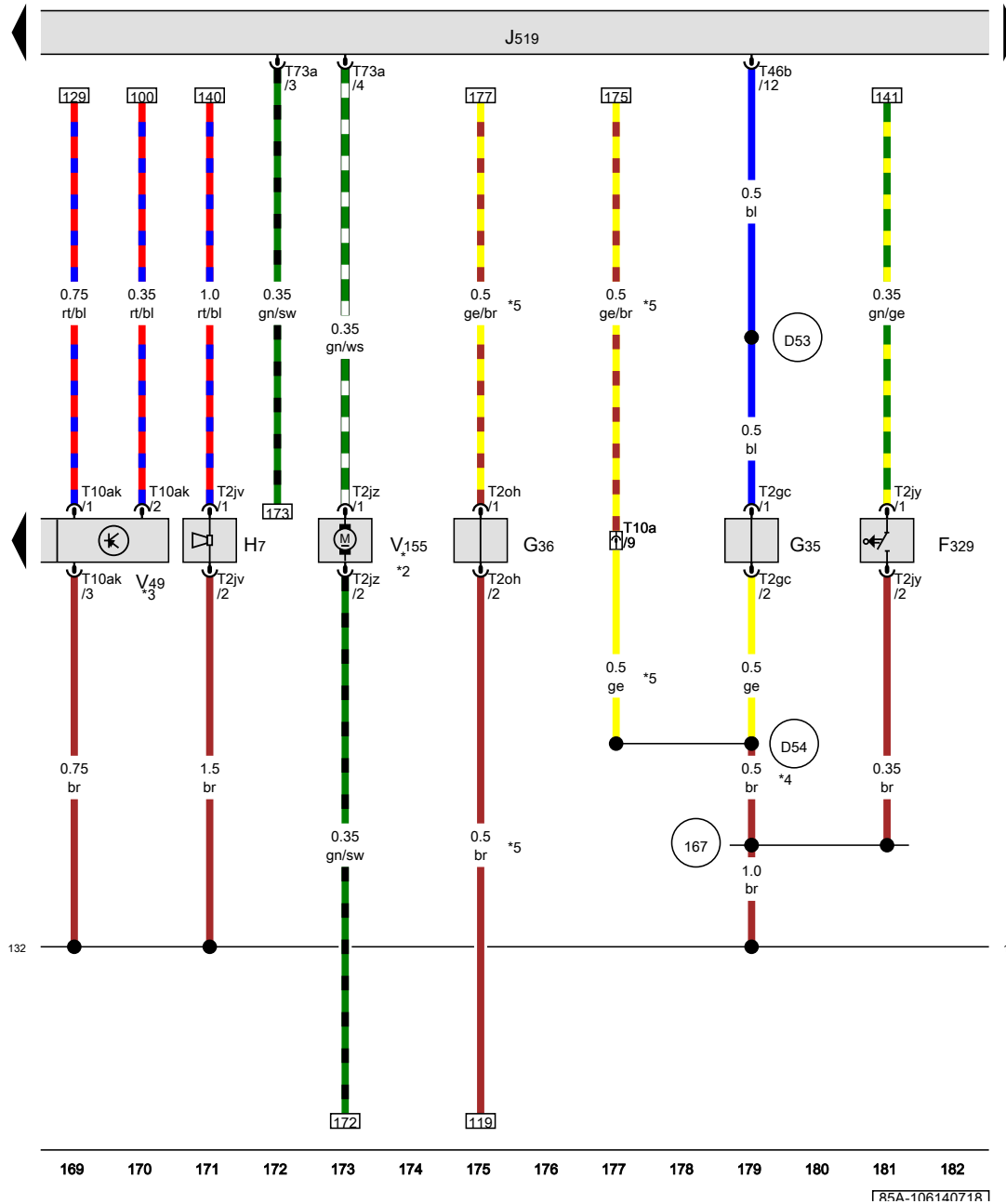
- * For models with heater element for washer jets
- *2 According to equipment
- *3 Wiring colour depends on equipment
- *4 gradual introduction
- *5 For RS 3 models
- *6 Gradually discontinued

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



Brake pedal switch, Clutch position sender, Onboard supply control unit, Right daytime running light bulb, Right side light bulb, Front right turn signal bulb, Right headlight dipped beam bulb, Right headlight main beam bulb

- F Brake light switch
- F47 Brake pedal switch
- F63 Brake pedal switch
- G476 Clutch position sender
- J104 ABS control unit
- J519 Onboard supply control unit
- L175 Right daytime running light bulb
- M3 Right side light bulb
- M7 Front right turn signal bulb
- M31 Right headlight dipped beam bulb
- M32 Right headlight main beam bulb
- T4cl 4-pin connector
- T5o 5-pin connector
- T10ak 10-pin connector
- T17c 17-pin connector
- T46a 46-pin connector
- T46b 46-pin connector
- T73c 73-pin connector
- 131 Earth connection 2, in engine compartment wiring harness
- 132 Earth connection 3, in engine compartment wiring harness
- 685 Earth point 1, on front of right longitudinal member
- B335 Connection 1 (54), in main wiring harness
- D52 Positive connection (15a), in engine compartment wiring harness
- D73 Positive connection (54), in engine compartment wiring harness
- D103 Connection 3 in engine compartment wiring harness
- * For models with no hybrid drive system
- *2 For models with manual gearbox
- *3 For RS 3 models



Bonnet contact switch 2, Front right brake pad wear sender, Bass horn, Onboard supply control unit, Right headlight range control motor, Tank filler flap locking motor

- F329 Bonnet contact switch 2
- G35 Front right brake pad wear sender
- G36 Rear left brake pad wear sender
- H7 Bass horn
- J519 Onboard supply control unit
- T2gc 2-pin connector
- T2jv 2-pin connector
- T2jy 2-pin connector
- T2jz 2-pin connector
- T2oh 2-pin connector
- T10a 10-pin connector
- T10ak 10-pin connector
- T46b 46-pin connector
- T73a 73-pin connector
- V49 Right headlight range control motor
- V155 Tank filler flap locking motor

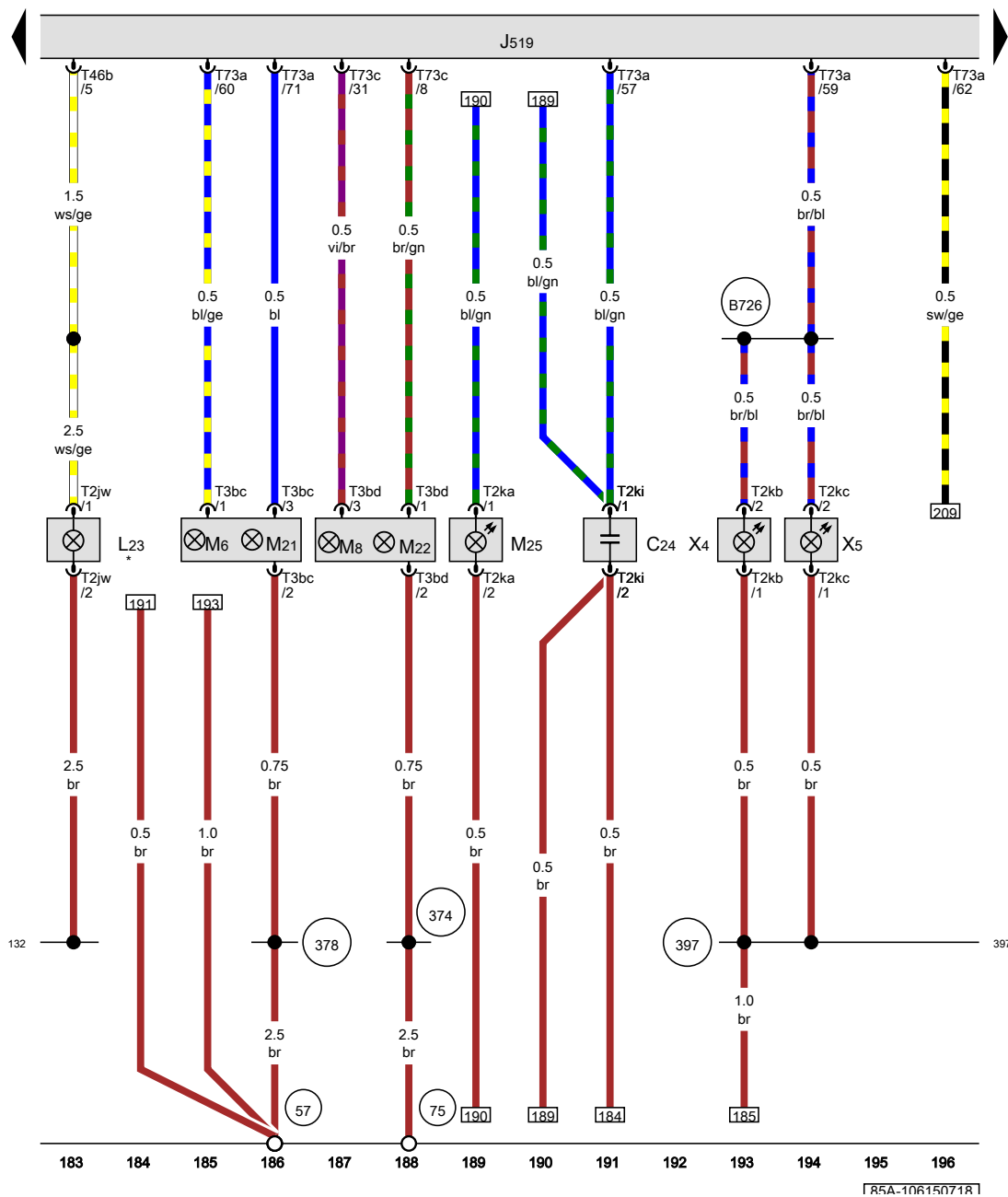
132 Earth connection 3, in engine compartment wiring harness

167 Earth connection 4, in engine compartment wiring harness

D53 Connection (right brake wear indicator), in engine compartment wiring harness

D54 Connection (right brake wear indicator), in engine compartment wiring harness

- * For models with no hybrid drive system
- *2 see applicable current flow diagram for high-voltage system
- *3 For models with headlight range control
- *4 Not for RS 3 models
- *5 For RS 3 models



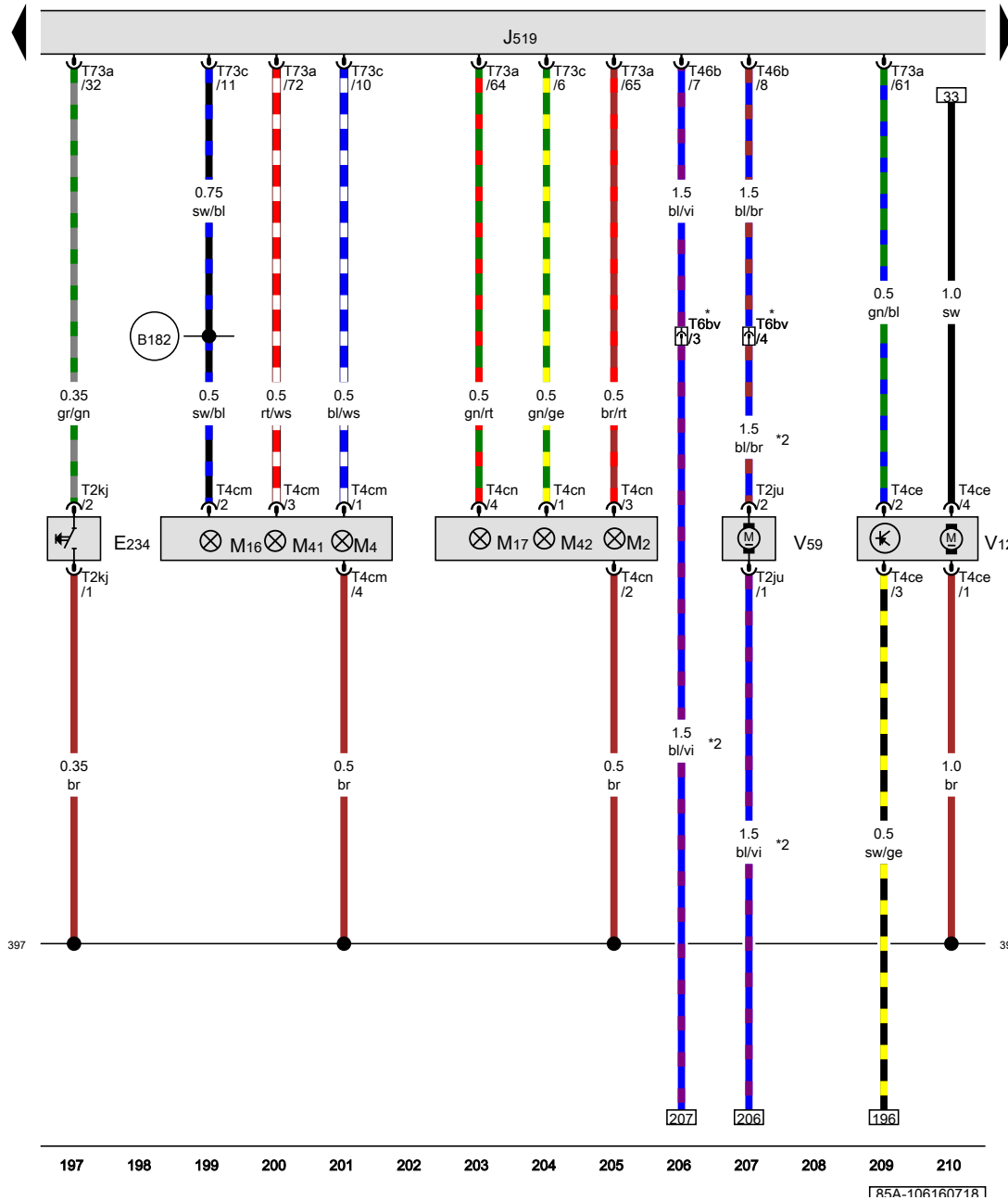
Onboard supply control unit, Right fog light bulb, Rear left turn signal bulb, Rear right turn signal bulb, Left brake and tail light bulb, Right brake and tail light bulb, High-level brake light bulb

- C24 Suppression filter
- J519 Onboard supply control unit
- L23 Right fog light bulb
- M6 Rear left turn signal bulb
- M8 Rear right turn signal bulb
- M21 Left brake and tail light bulb
- M22 Right brake and tail light bulb
- M25 High-level brake light bulb
- T2jw 2-pin connector
- T2ka 2-pin connector
- T2kb 2-pin connector
- T2kc 2-pin connector
- T2ki 2-pin connector
- T3bc 3-pin connector
- T3bd 3-pin connector
- T46b 46-pin connector
- T73a 73-pin connector
- T73c 73-pin connector
- X4 Left number plate light
- X5 Right number plate light

- 57 Earth point, rear left pillar
- 75 Earth point, rear right pillar
- 132 Earth connection 3, in engine compartment wiring harness
- 374 Earth connection 9, in main wiring harness
- 378 Earth connection 13, in main wiring harness
- 397 Earth connection 32, in main wiring harness
- B726 Positive connection 2 (58), in main wiring harness

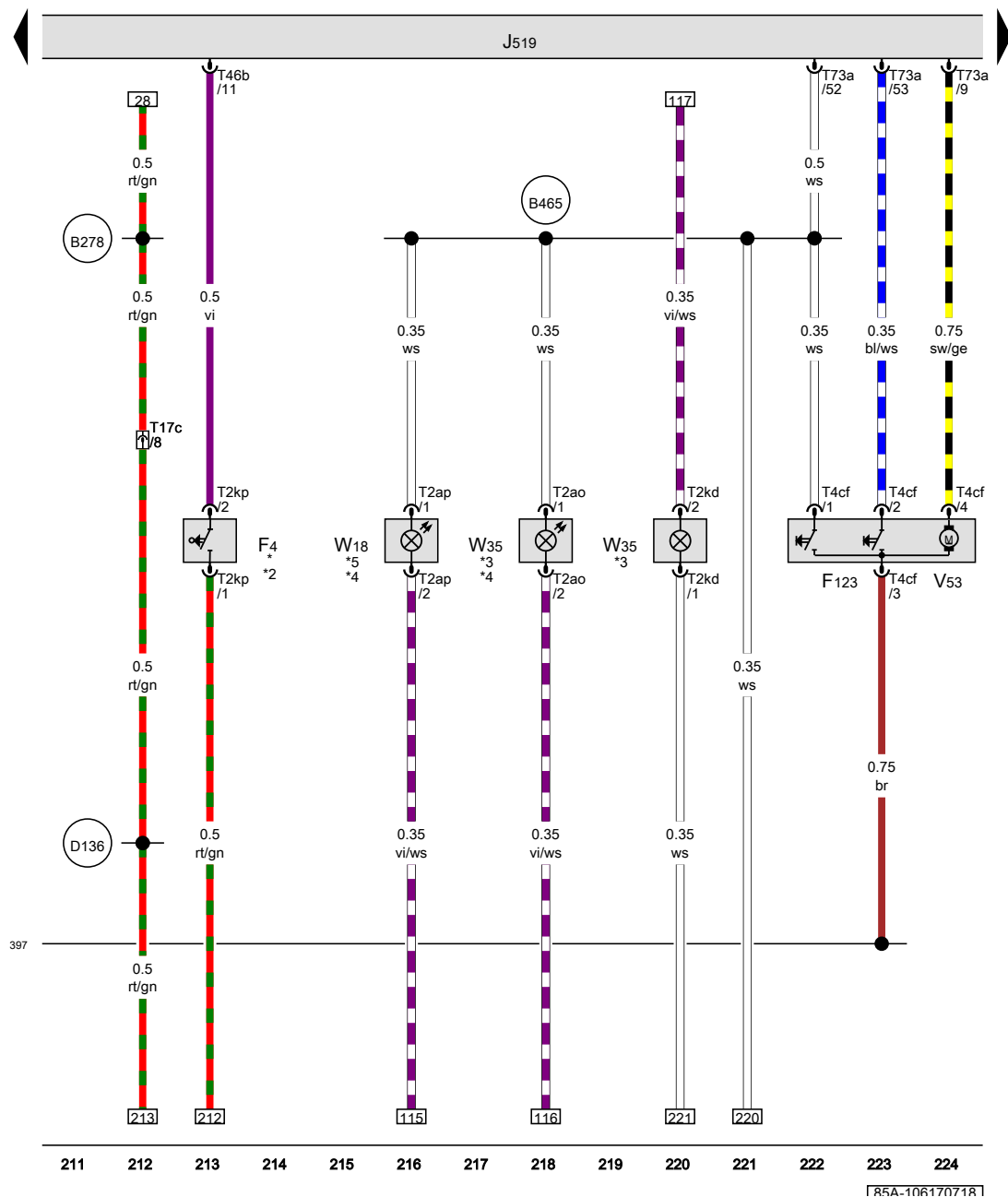
* For models with fog lights

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



Rear lid handle release button, Onboard supply control unit, Right tail light bulb, Left tail light bulb, Left reversing light bulb, Right reversing light bulb, Left tail light and rear fog light bulb, Right tail light and rear fog light bulb, Rear window wiper motor, Windscreen and rear window washer pump

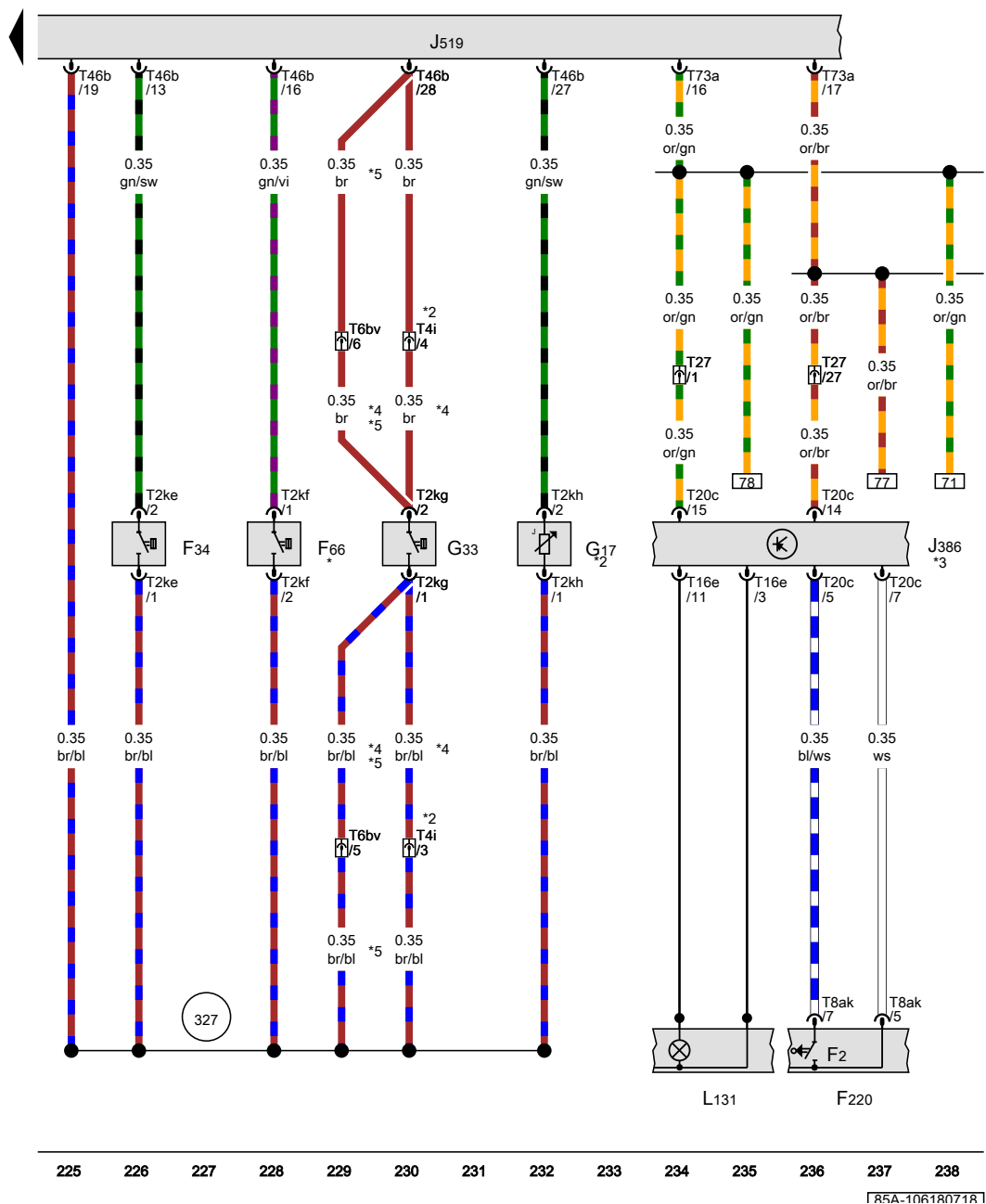
- E234 Rear lid handle release button
- J519 Onboard supply control unit
- M2 Right tail light bulb
- M4 Left tail light bulb
- M16 Left reversing light bulb
- M17 Right reversing light bulb
- M41 Left tail light and rear fog light bulb
- M42 Right tail light and rear fog light bulb
- T2ju 2-pin connector
- T2kj 2-pin connector
- T4ce 4-pin connector
- T4cm 4-pin connector
- T4cn 4-pin connector
- T6bv 6-pin connector
- T46b 46-pin connector
- T73a 73-pin connector
- T73c 73-pin connector
- V12 Rear window wiper motor
- V59 Windscreen and rear window washer pump
- 397 Earth connection 32, in main wiring harness
- B182 Connection (RL), in interior wiring harness
- * For RS 3 models
- *2 Wiring colour depends on equipment



Reversing light switch, Rear lid contact switch for anti-theft alarm, Onboard supply control unit, Rear lid central locking motor

- F4 Reversing light switch
- F123 Rear lid contact switch for anti-theft alarm
- J519 Onboard supply control unit
- T2ao 2-pin connector
- T2ap 2-pin connector
- T2kd 2-pin connector
- T2kp 2-pin connector
- T4cf 4-pin connector
- T17c 17-pin connector
- T46b 46-pin connector
- T73a 73-pin connector
- V53 Rear lid central locking motor
- W18 Left luggage compartment light
- W35 Right luggage compartment light

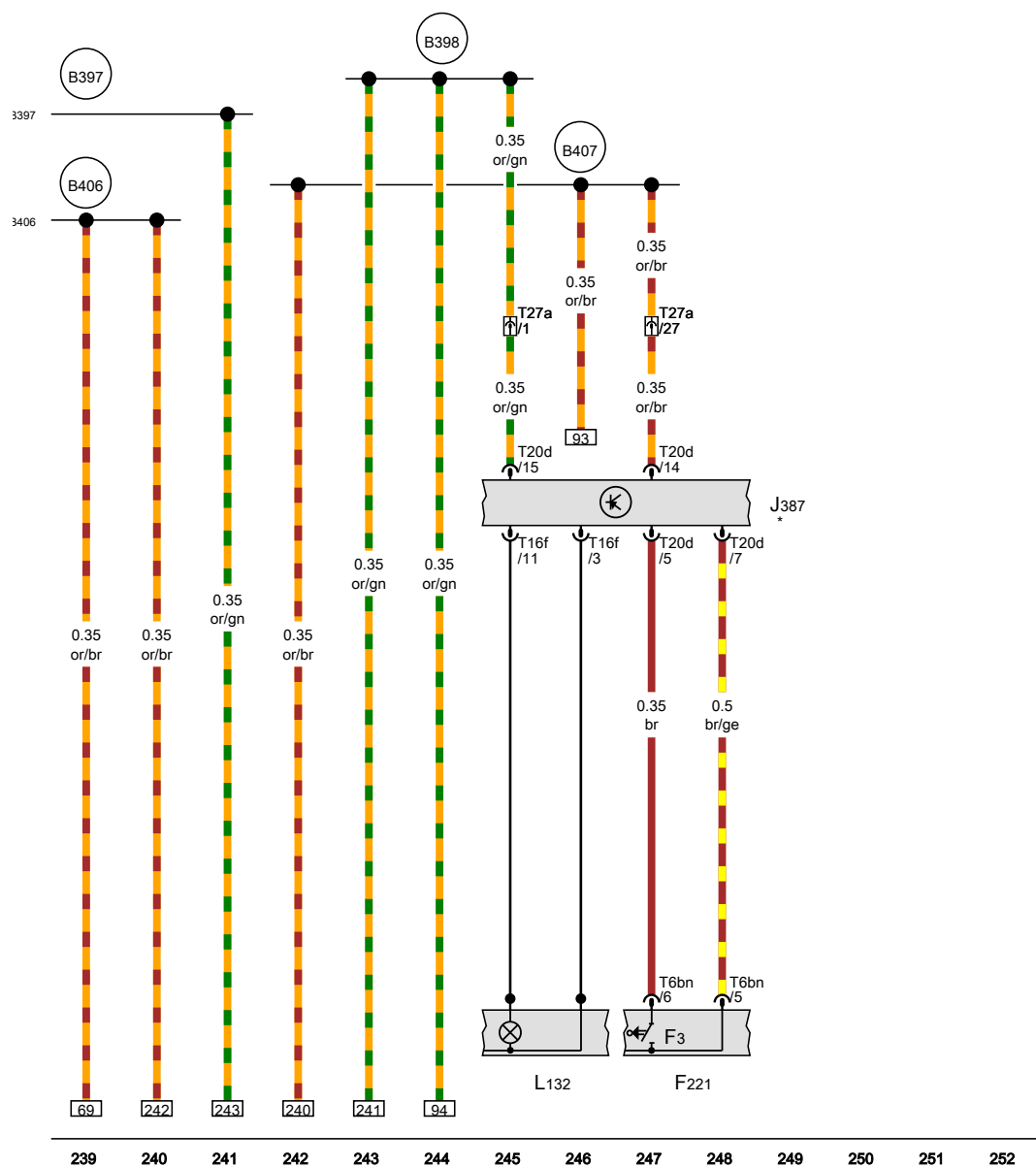
- 397 Earth connection 32, in main wiring harness
- B278 Positive connection 2 (15a) in main wiring harness
- B465 Connection 1, in main wiring harness
- D136 Positive connection 2 (15a), in engine compartment wiring harness
- * For models with manual gearbox
- *2 For models with no hybrid drive system
- *3 According to equipment
- *4 Pre-wired component
- *5 If fitted



Brake fluid level warning contact, Coolant shortage indicator switch, Driver side central locking lock unit, Ambient temperature sensor, Windscreen washer fluid level sender, Driver door control unit, Onboard supply control unit, Driver side turn signal repeater bulb

- F2 Driver door contact switch
- F34 Brake fluid level warning contact
- F66 Coolant shortage indicator switch
- F220 Driver side central locking lock unit
- G17 Ambient temperature sensor
- G33 Windscreen washer fluid level sender
- J386 Driver door control unit
- J519 Onboard supply control unit
- L131 Driver side turn signal repeater bulb
- T2ke 2-pin connector
- T2kf 2-pin connector
- T2kg 2-pin connector
- T2kh 2-pin connector
- T4i 4-pin connector
- T6bv 6-pin connector
- T8ak 8-pin connector
- T16e 16-pin connector
- T20c 20-pin connector
- T27 27-pin connector, on left A-pillar
- T46b 46-pin connector
- T73a 73-pin connector
- 327 Earth connection (sender earth), in engine compartment wiring harness
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- * For models with no hybrid drive system
- *2 According to equipment
- *3 see applicable current flow diagram for convenience system
- *4 Wiring colour depends on equipment
- *5 For RS 3 models

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

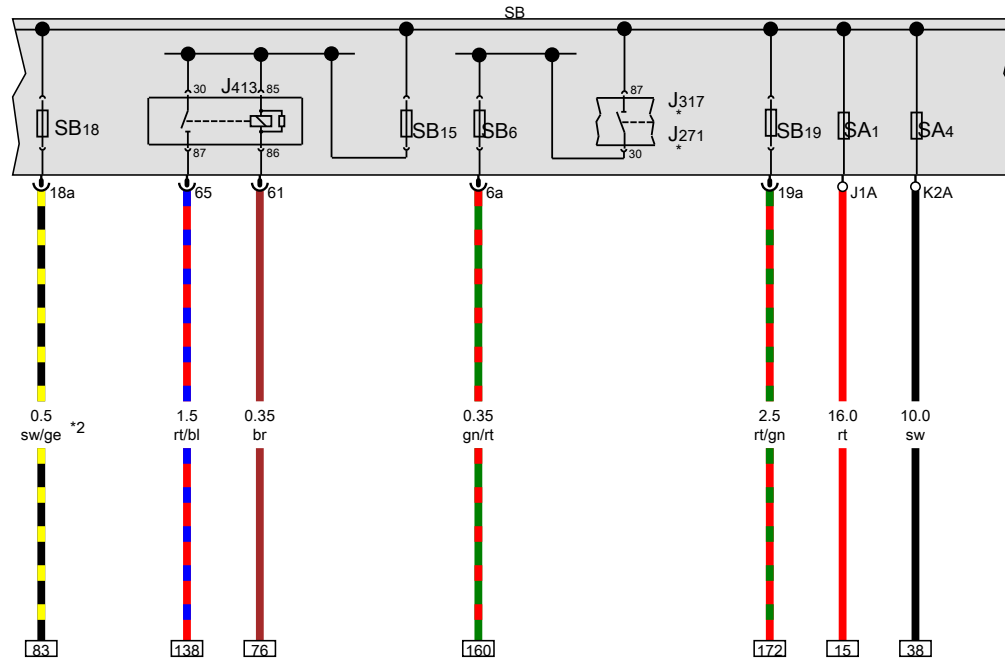


Front passenger side central locking lock unit, Front passenger door control unit, Front passenger side turn signal repeater bulb

- F3 Front passenger door contact switch
- F221 Front passenger side central locking lock unit
- J387 Front passenger door control unit
- L132 Front passenger side turn signal repeater bulb
- T6bn 6-pin connector
- T16f 16-pin connector
- T20d 20-pin connector
- T27a 27-pin connector, in right A-pillar, on right A-pillar
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness
- * see applicable current flow diagram for convenience system

Basic equipment, right-hand drive , (L0R)

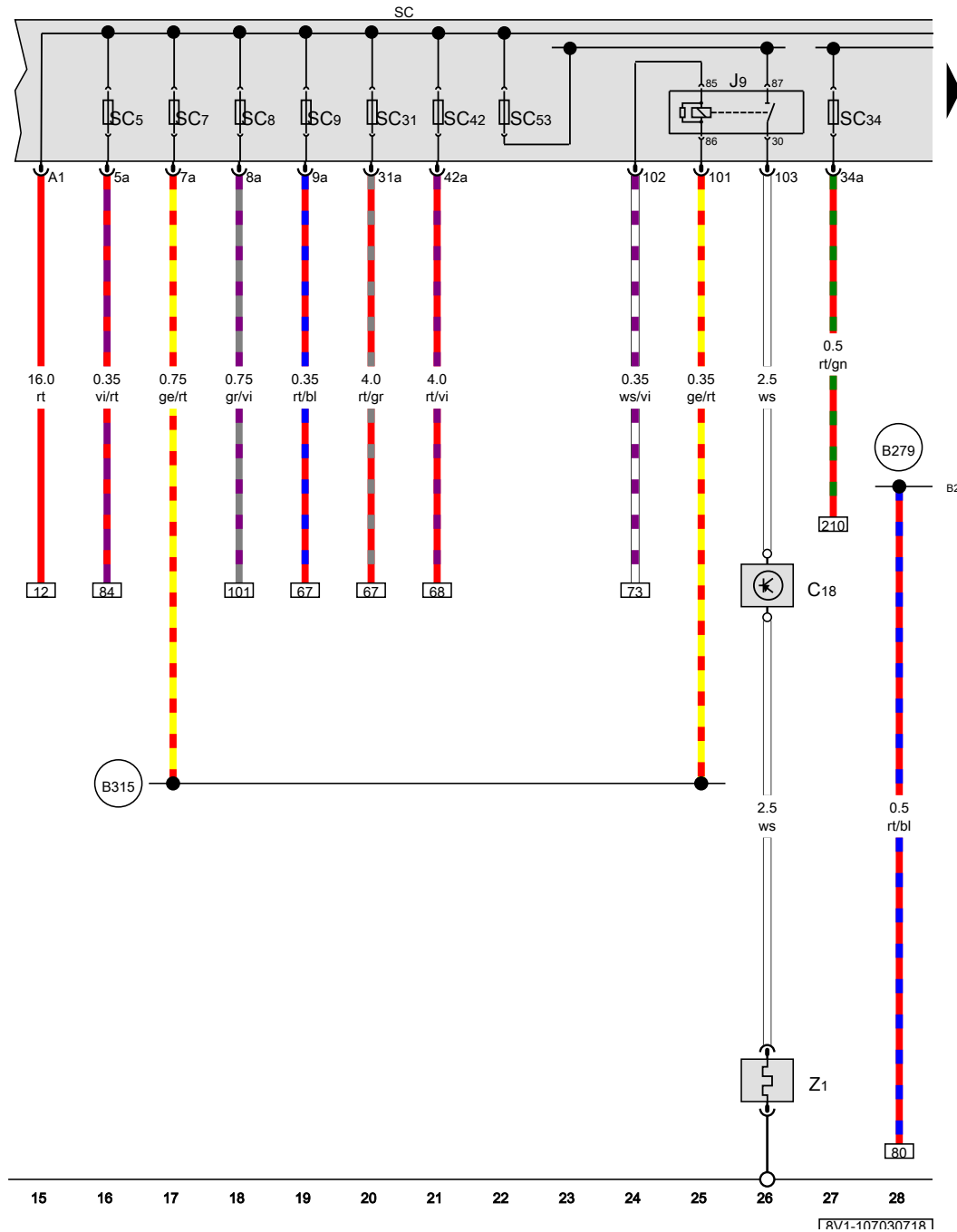
From November 2014



Main relay, Terminal 30 voltage supply relay, Horn relay

- J271 Main relay
- J317 Terminal 30 voltage supply relay
- J413 Horn relay
- SA1 Fuse 1 on fuse holder A
- SA4 Fuse 4 on fuse holder A
- SB Fuse holder B
- SB6 Fuse 6 on fuse holder B
- SB15 Fuse 15 on fuse holder B
- SB18 Fuse 18 on fuse holder B
- SB19 Fuse 19 on fuse holder B
- * According to equipment
- *2 For models with no start/stop system

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 rt = red
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 gn = green
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 li = purple
 vi = purple
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 rs = pink



Heated rear window relay, Fuse holder C, Heated rear window

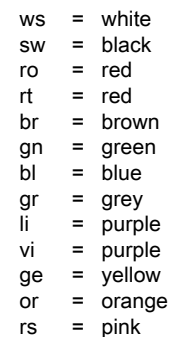
- C18 Window aerial suppression filter
- J9 Heated rear window relay
- SC Fuse holder C
- SC5 Fuse 5 on fuse holder C
- SC7 Fuse 7 on fuse holder C
- SC8 Fuse 8 on fuse holder C
- SC9 Fuse 9 on fuse holder C
- SC31 Fuse 31 on fuse holder C
- SC34 Fuse 34 on fuse holder C
- SC42 Fuse 42 on fuse holder C
- SC53 Fuse 53 on fuse holder C
- Z1 Heated rear window

B279 Positive connection 3 (15a) in main wiring harness

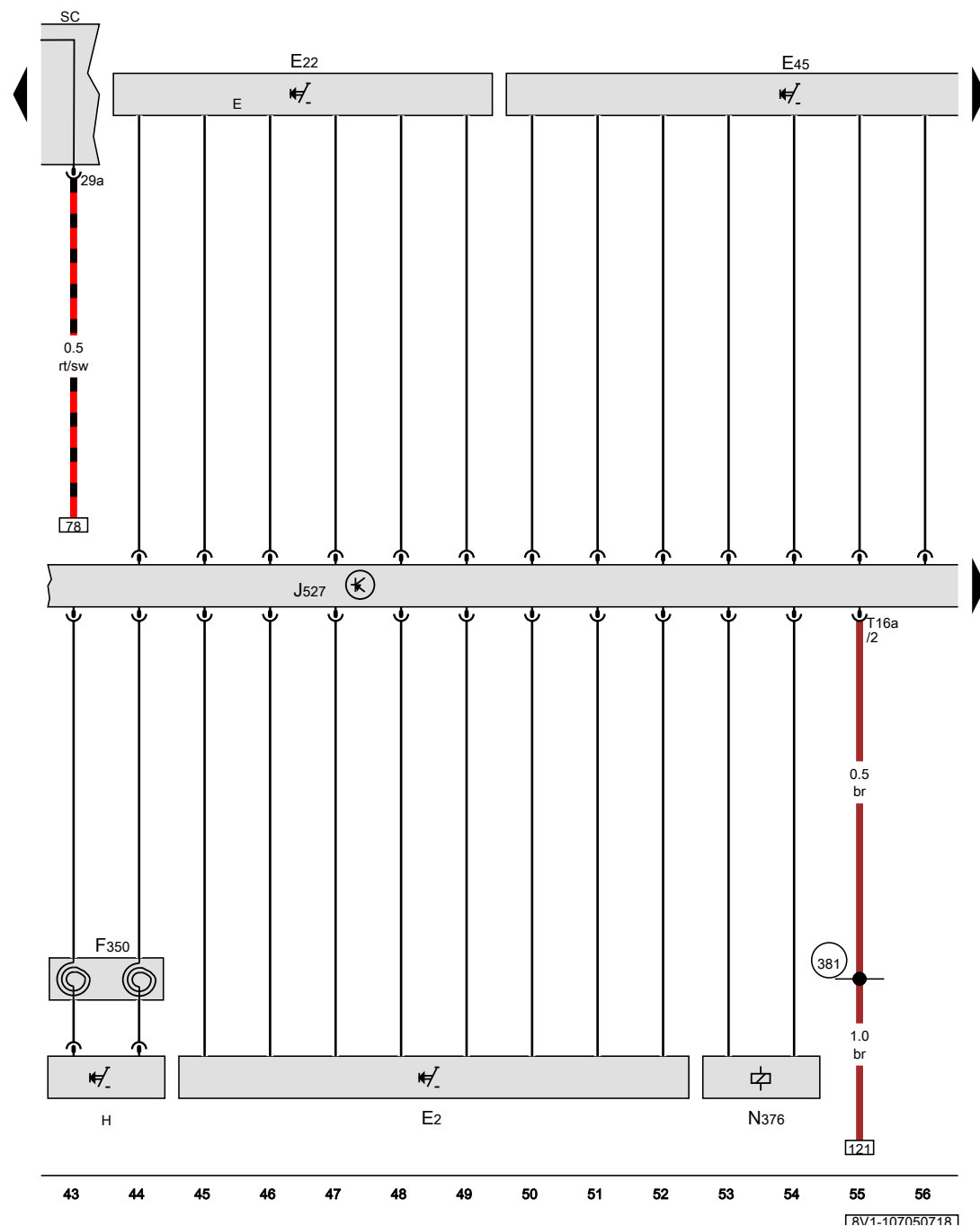
B315 Positive connection 1 (30a) in main wiring harness

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
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18V1-1070307181



J329	Terminal 15 voltage supply relay
SC	Fuse holder C
SC17	Fuse 17 on fuse holder C
SC23	Fuse 23 on fuse holder C
SC29	Fuse 29 on fuse holder C
SC35	Fuse 35 on fuse holder C
SC43	Fuse 43 on fuse holder C
SC47	Fuse 47 on fuse holder C
SC49	Fuse 49 on fuse holder C
T17c	17-pin connector
B279	Positive connection 3 (15a) in main wiring harness



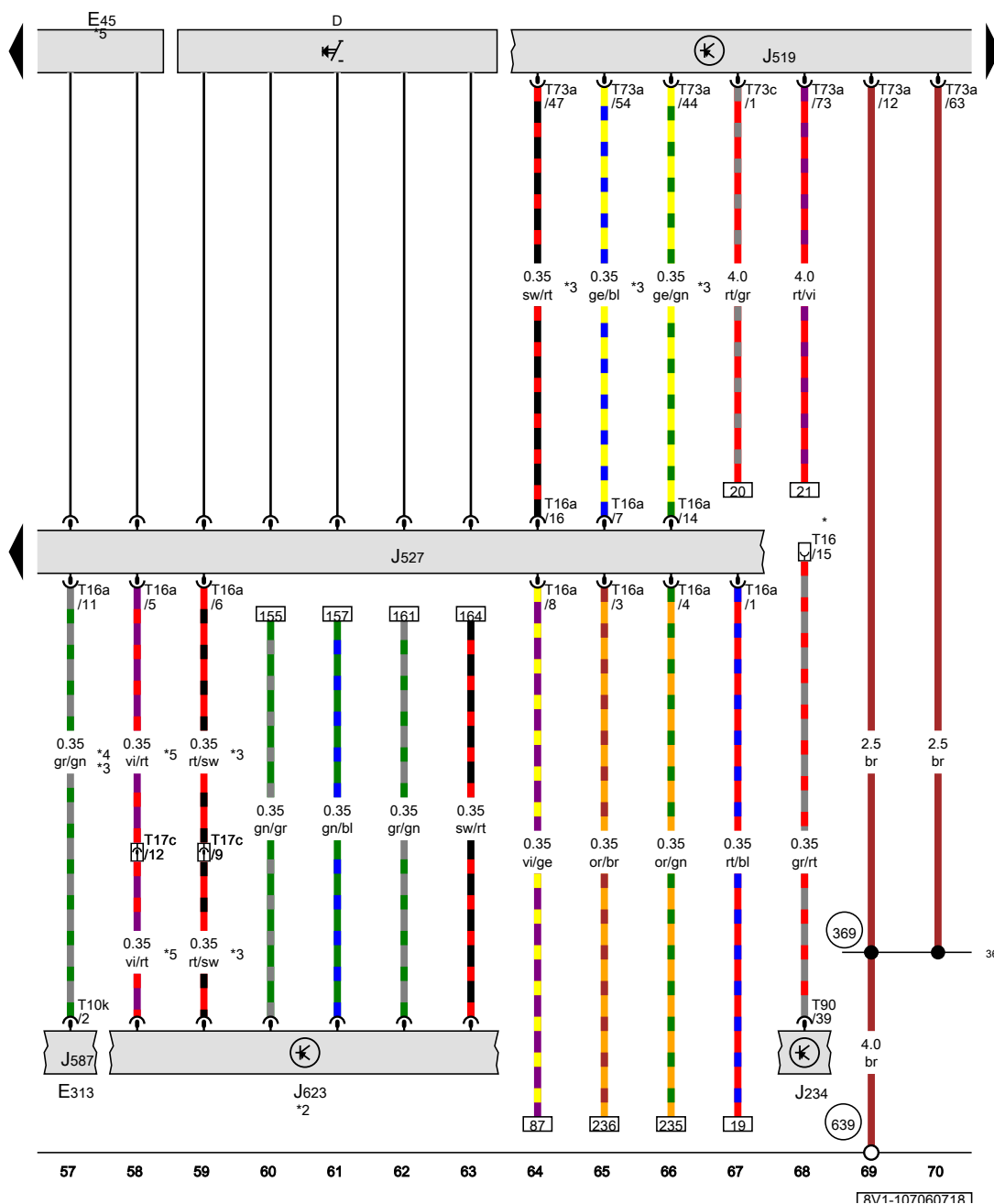
Windscreen wiper switch, Turn signal switch, Intermittent wiper switch, Cruise control system switch, Horn plate, Steering column electronics control unit, Fuse holder C

- E Windscreen wiper switch
- E2 Turn signal switch
- E22 Intermittent wiper switch
- E45 Cruise control system switch
- F350 Coil connector
- H Horn plate
- J527 Steering column electronics control unit
- N376 Ignition key withdrawal lock solenoid
- SC Fuse holder C
- T16a 16-pin connector

381 Earth connection 16, in main wiring harness

* For models with cruise control system (CCS)

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



Ignition/starter switch, Cruise control system switch, Onboard supply control unit, Steering column electronics control unit

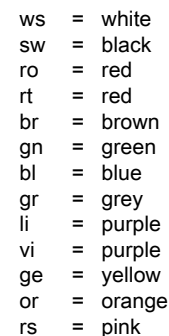
- D Ignition/starter switch
- E45 Cruise control system switch
- E313 Selector lever
- J234 Airbag control unit
- J519 Onboard supply control unit
- J527 Steering column electronics control unit
- J587 Selector lever sensors control unit
- J623 Engine/motor control unit
- T10k 10-pin connector
- T16 16-pin connector
- T16a 16-pin connector
- T17c 17-pin connector
- T73a 73-pin connector
- T73c 73-pin connector
- T90 90-pin connector

369 Earth connection 4, in main wiring harness

639 Earth point, left A-pillar

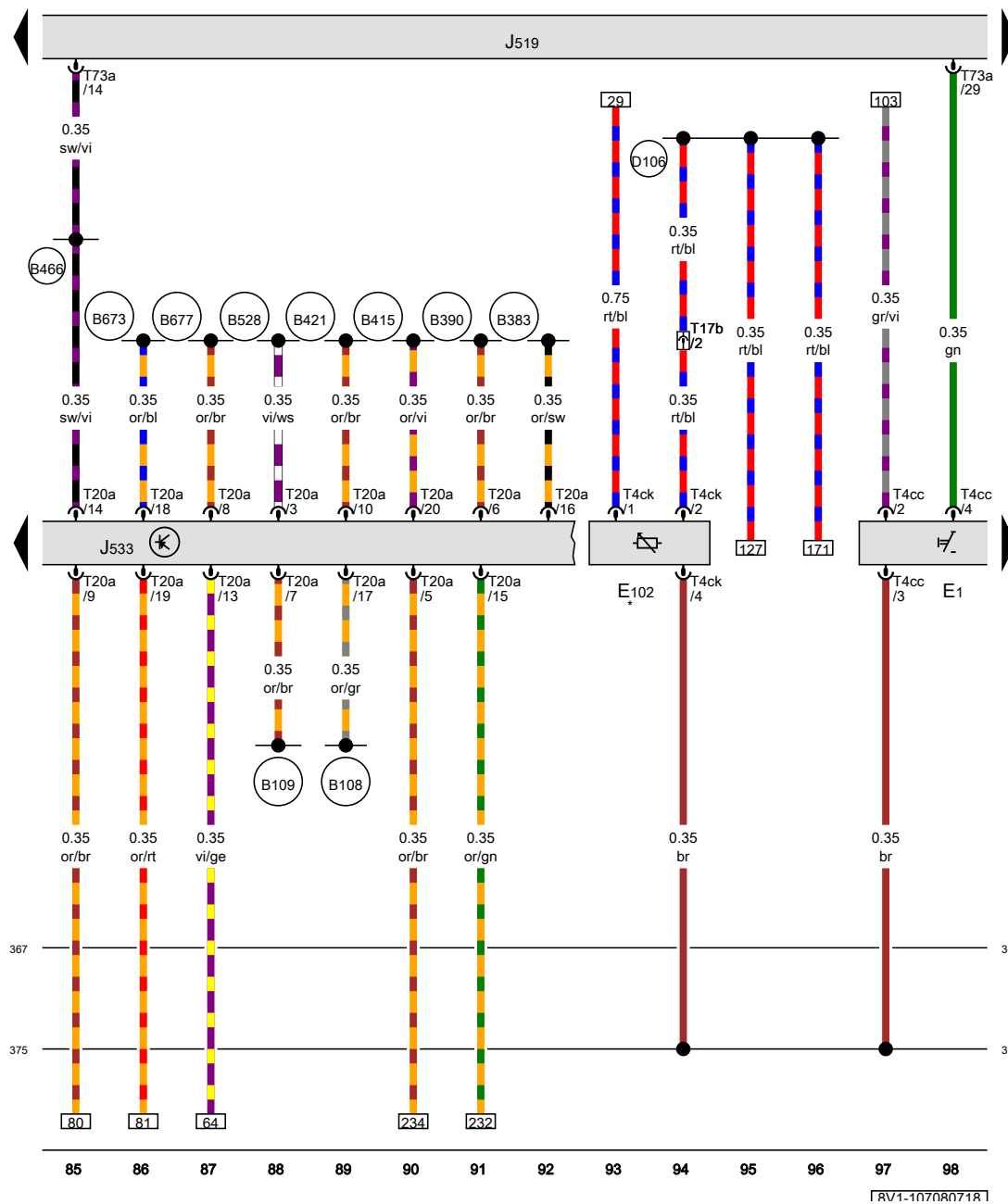
- * Diagnostic connection
- *2 see applicable current flow diagram for engine
- *3 For models with no entry and start authorisation
- *4 see applicable current flow diagram for automatic gearbox
- *5 For models with cruise control system (CCS)

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



D2	Immobiliser reader coil
J285	Control unit in dash panel insert
J519	Onboard supply control unit
J533	Data bus diagnostic interface
T2jm	2-pin connector
T16	16-pin connector
T17b	17-pin connector
T18	18-pin connector
T20a	20-pin connector
T46b	46-pin connector
T73a	73-pin connector
T73c	73-pin connector
367	Earth connection 2, in main wiring harness
369	Earth connection 4, in main wiring harness
375	Earth connection 10, in main wiring harness
*	Diagnostic connection
*2	For models with no start/stop system

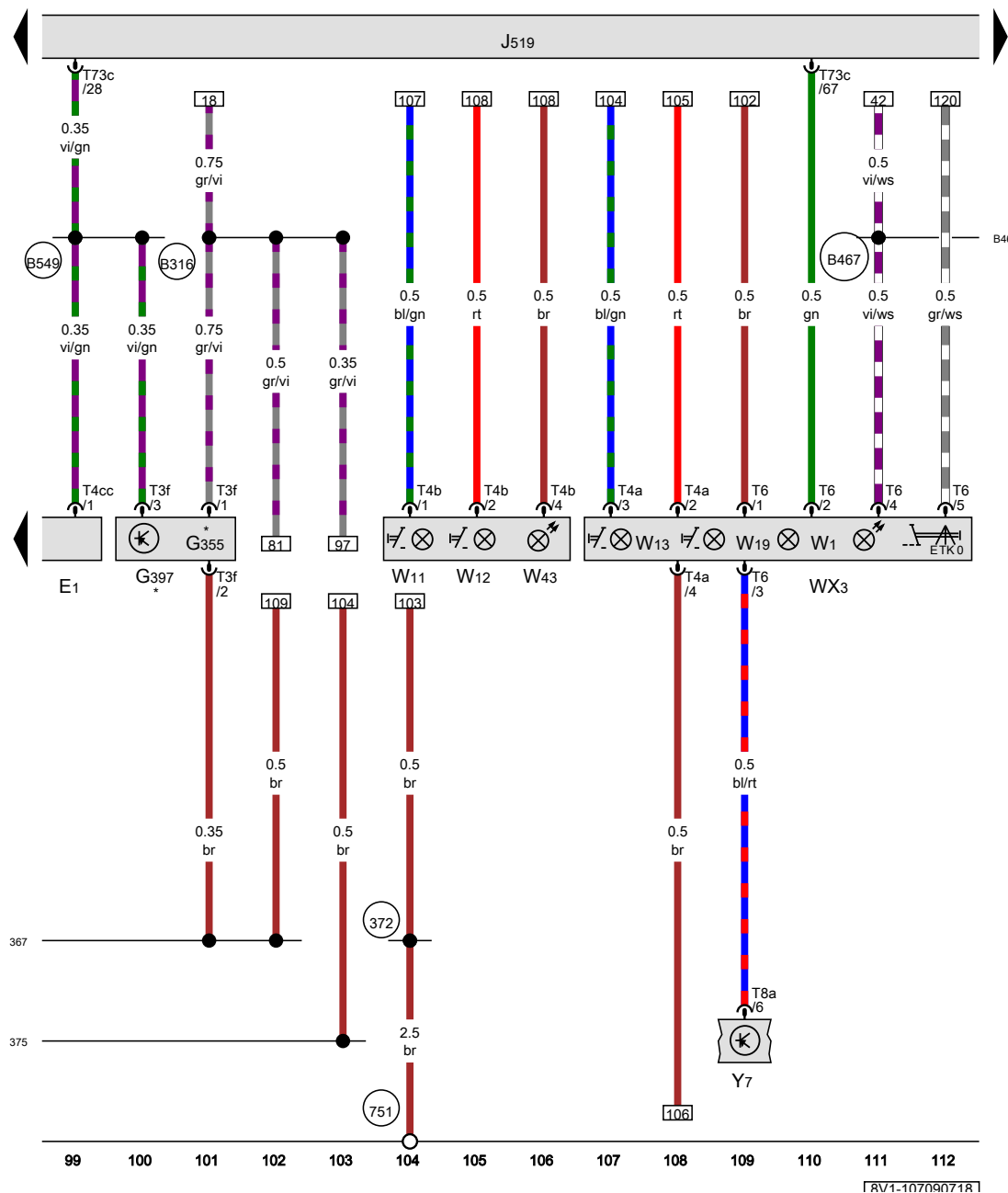
Light switch, Onboard supply control unit, Data bus diagnostic interface



- E1 Light switch
- E102 Headlight range control regulator
- J519 Onboard supply control unit
- J533 Data bus diagnostic interface
- T4cc 4-pin connector
- T4ck 4-pin connector
- T17b 17-pin connector
- T20a 20-pin connector
- T73a 73-pin connector
- 367 Earth connection 2, in main wiring harness
- 375 Earth connection 10, in main wiring harness
- B108 Connection 1 (CAN bus extended high), in main wiring harness
- B109 Connection 1 (CAN bus extended low), in main wiring harness
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- B415 Connection 1 (infotainment CAN bus, high), in main wiring harness
- B421 Connection 1 (infotainment CAN bus, low), in main wiring harness
- B466 Connection 2, in main wiring harness
- B528 Connection 1 (LIN bus) in main wiring harness
- B673 Connection 2 (running gear/dash panel insert CAN bus, high), in main wiring harness
- B677 Connection 2 (running gear/dash panel insert CAN bus, low), in main wiring harness
- D106 Connection 4 in engine compartment wiring harness

* For models with no automatic headlight range control

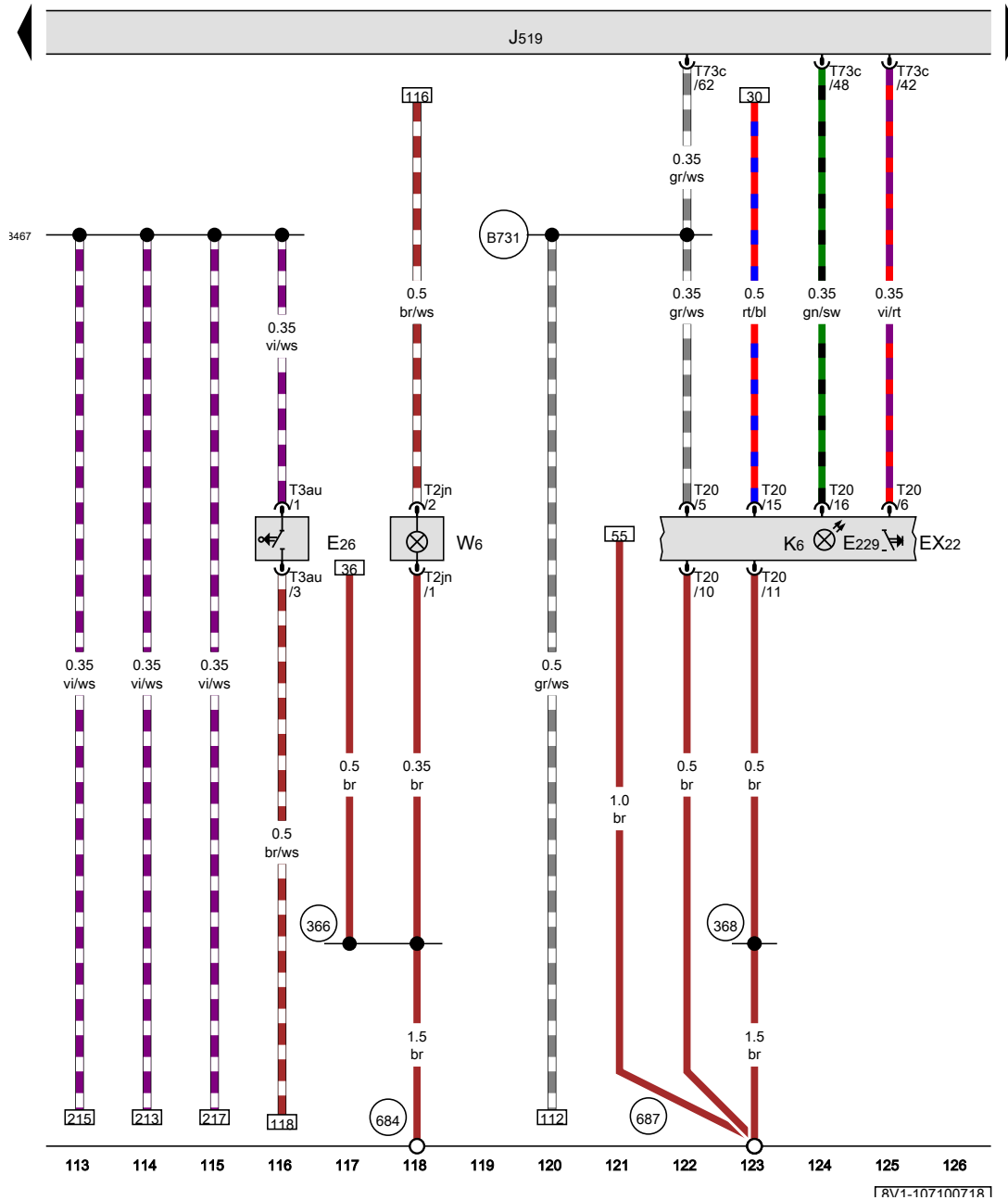
Light switch, Rain and light sensor, Onboard supply control unit, Front roof module, Rear interior light



- E1 Light switch
- G355 Humidity sender
- G397 Rain and light sensor
- J519 Onboard supply control unit
- T3f 3-pin connector
- T4a 4-pin connector
- T4b 4-pin connector
- T4cc 4-pin connector
- T6 6-pin connector
- T8a 8-pin connector
- T73c 73-pin connector
- W1 Front interior light
- WX3 Front roof module
- W11 Rear left reading light
- W12 Rear right reading light
- W13 Front passenger reading light
- W19 Driver side reading light
- W43 Rear interior light
- Y7 Automatic anti-dazzle interior mirror

- 367 Earth connection 2, in main wiring harness
- 372 Earth connection 7, in main wiring harness
- 375 Earth connection 10, in main wiring harness
- 751 Earth point 2, on right A-pillar
- B316 Positive connection 2 (30a) in main wiring harness
- B467 Connection 3, in main wiring harness
- B549 Connection 2 (LIN bus) in main wiring harness
- * According to equipment

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

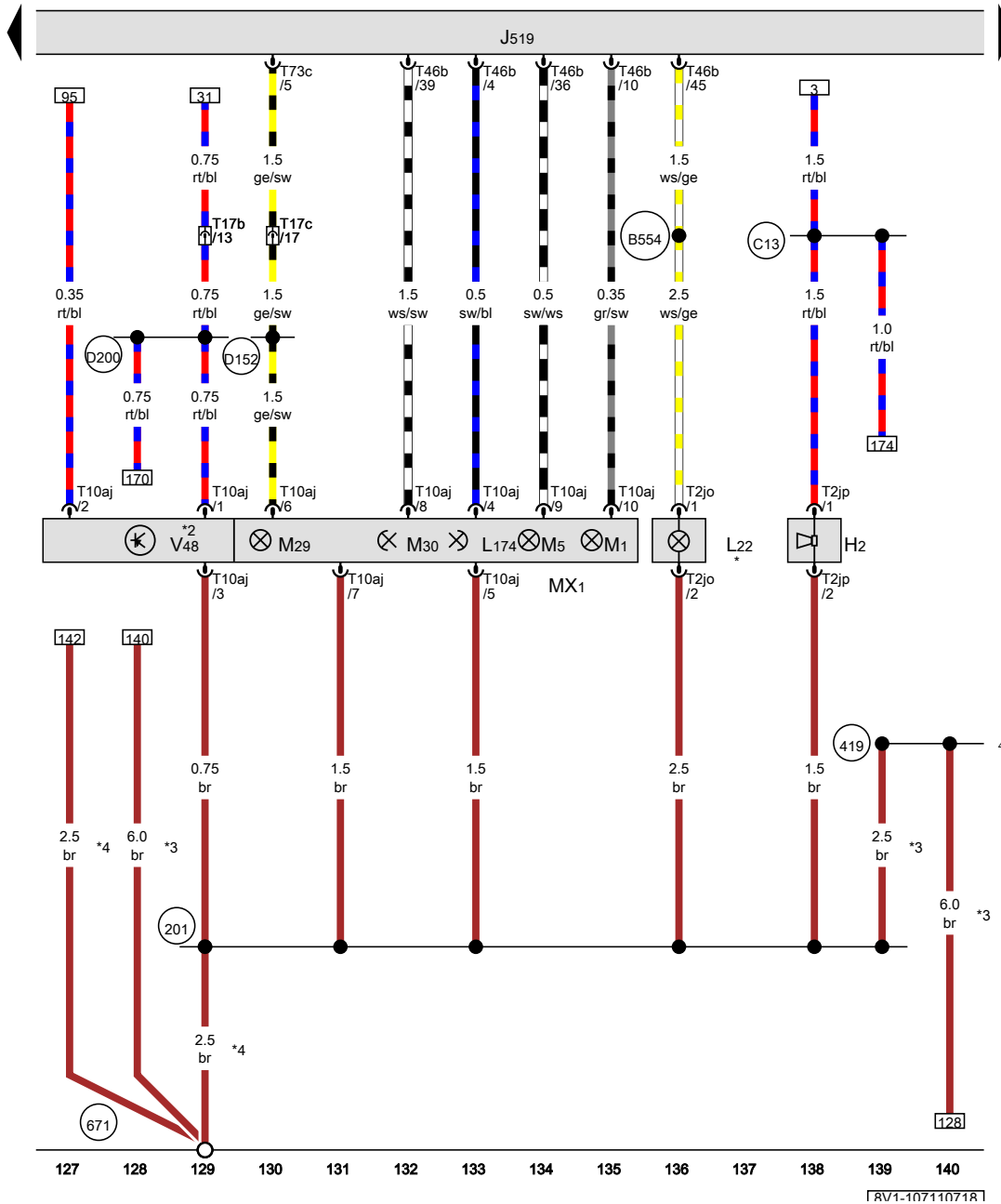


Centre switch module in dash panel, Glove compartment light switch, Hazard warning lights button, Onboard supply control unit, Glove compartment light

- EX22 Centre switch module in dash panel
- E26 Glove compartment light switch
- E229 Hazard warning lights button
- J519 Onboard supply control unit
- K6 Indicator lamp for hazard warning light
- T2jn 2-pin connector
- T3au 3-pin connector
- T20 20-pin connector
- T73c 73-pin connector
- W6 Glove compartment light

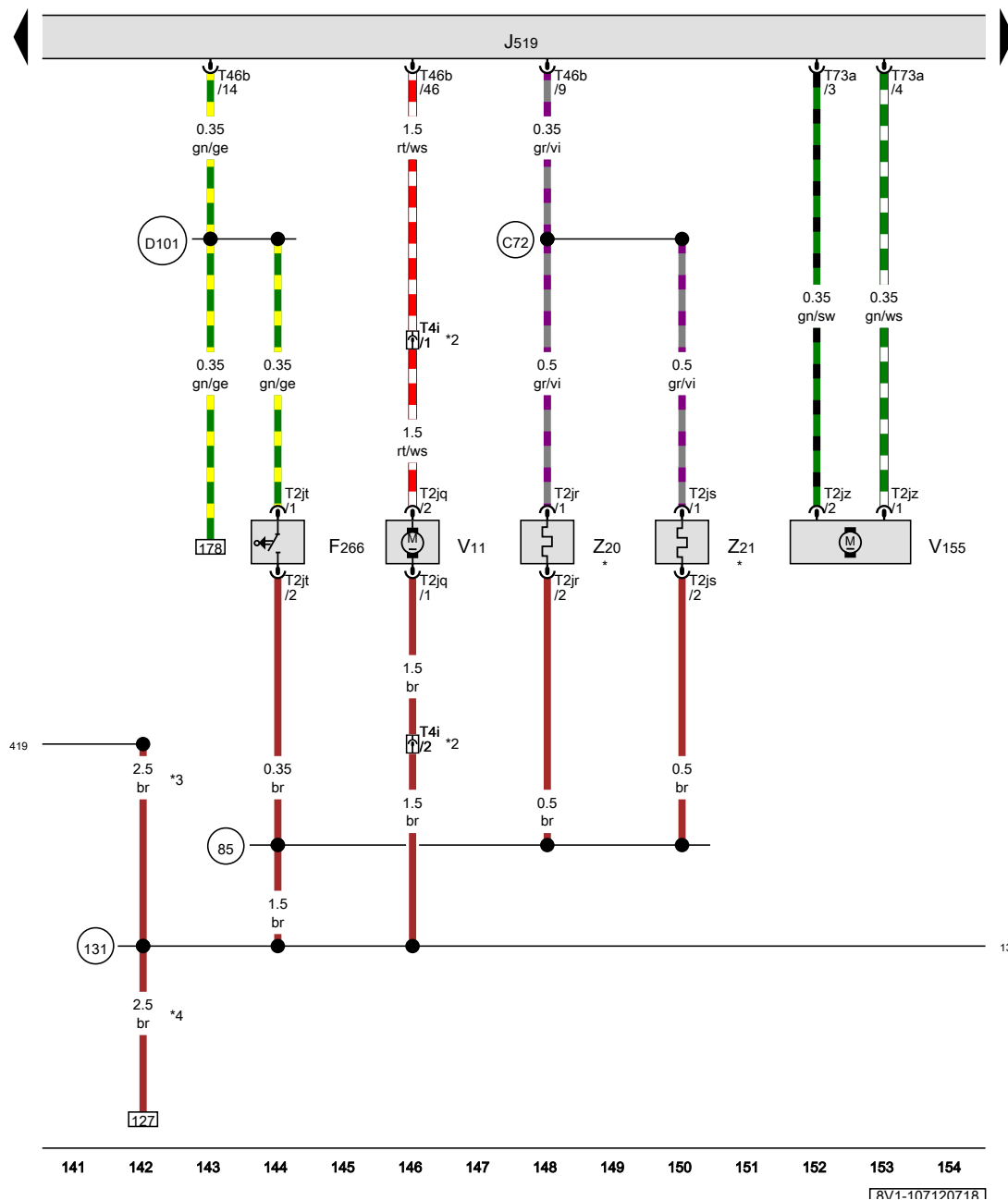
- 366 Earth connection 1, in main wiring harness
- 368 Earth connection 3, in main wiring harness
- 684 Earth point on front of left side member
- 687 Earth point 1, on centre tunnel
- B467 Connection 3, in main wiring harness
- B731 Connection 1 (58s), in main wiring harness

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 sw = black
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 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



Treble horn, Onboard supply control unit, Left fog light bulb, Left daytime running light bulb, Front left headlight, Left side light bulb, Front left turn signal bulb, Left headlight dipped beam bulb, Left headlight main beam bulb

- H2 Treble horn
- J519 Onboard supply control unit
- L22 Left fog light bulb
- L174 Left daytime running light bulb
- MX1 Front left headlight
- M1 Left side light bulb
- M5 Front left turn signal bulb
- M29 Left headlight dipped beam bulb
- M30 Left headlight main beam bulb
- T2jo 2-pin connector
- T2jp 2-pin connector
- T10aj 10-pin connector
- T17b 17-pin connector
- T17c 17-pin connector
- T46b 46-pin connector
- T73c 73-pin connector
- V48 Left headlight range control motor
- 201 Earth connection 5, in engine compartment wiring harness
- 419 Earth connection 11, in engine compartment wiring harness
- 671 Earth point 1, on front of left longitudinal member
- B554 Connection (fog light), in main wiring harness
- C13 Positive connection in dual tone horn wiring harness
- D152 Positive connection 1 (56b), in engine compartment wiring harness
- D200 Positive connection 3 (15a), in engine compartment wiring harness
- * For models with fog lights
- *2 For models with headlight range control
- *3 Gradual introduction
- *4 Gradually discontinued



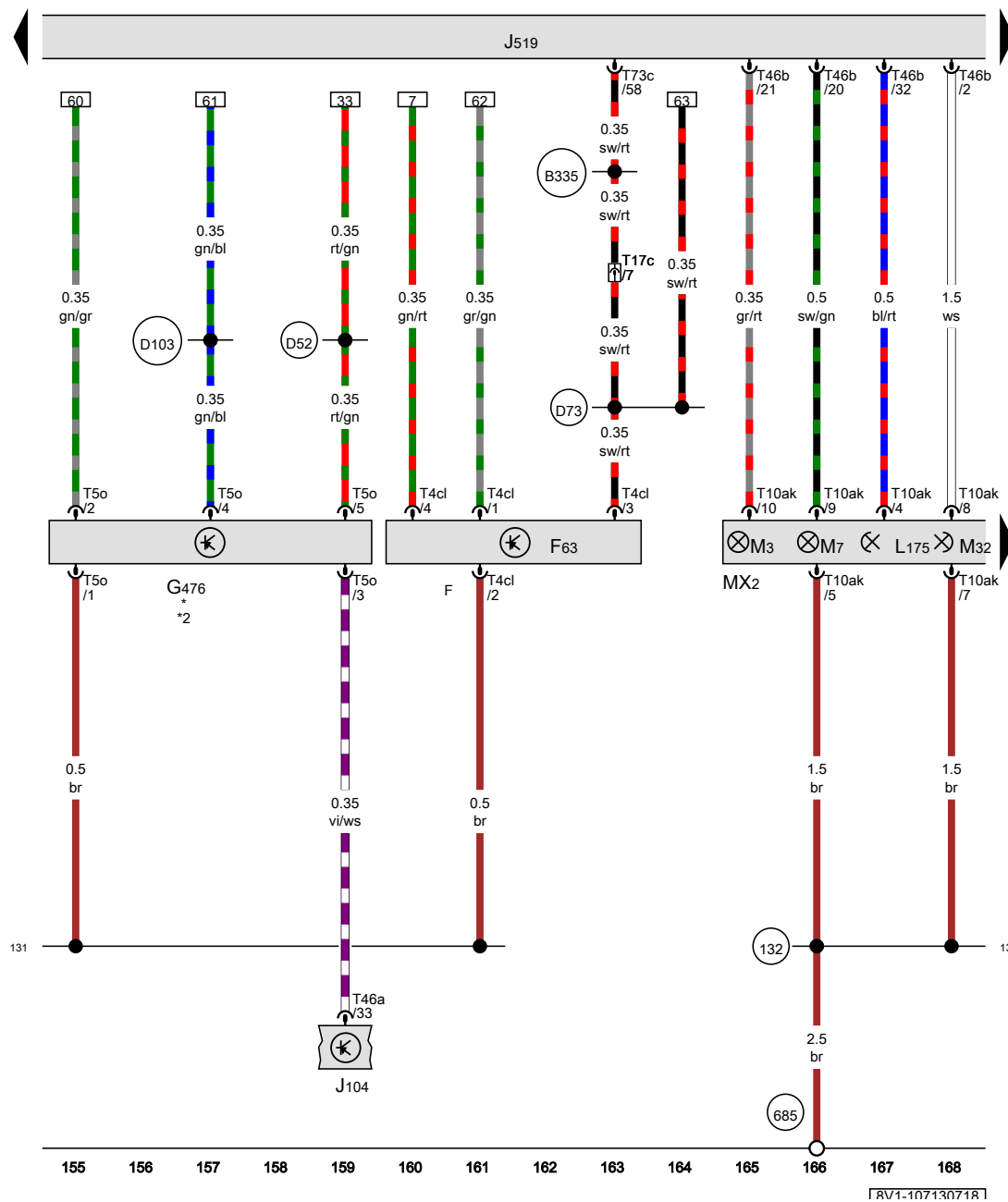
Bonnet contact switch, Onboard supply control unit, Headlight washer system pump, Tank filler flap locking motor, Left washer jet heater element, Right washer jet heater element

- F266 Bonnet contact switch
- J519 Onboard supply control unit
- T2jq 2-pin connector
- T2jr 2-pin connector
- T2js 2-pin connector
- T2jt 2-pin connector
- T2jz 2-pin connector
- T4i 4-pin connector
- T46b 46-pin connector
- T73a 73-pin connector
- V11 Headlight washer system pump
- V155 Tank filler flap locking motor
- Z20 Left washer jet heater element
- Z21 Right washer jet heater element

- 85 Earth connection 1, in engine compartment wiring harness
- 131 Earth connection 2, in engine compartment wiring harness
- 419 Earth connection 11, in engine compartment wiring harness
- C72 Positive connection in heated washer jet wiring harness
- D101 Connection 1 in engine compartment wiring harness

- * For models with heater element for washer jets
- *2 According to equipment
- *3 gradual introduction
- *4 Gradually discontinued

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ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink



Brake light switch, Clutch position sender, Onboard supply control unit, Right daytime running light bulb, Front right headlight, Right side light bulb, Front right turn signal bulb, Right headlight main beam bulb

- F Brake light switch
- F63 Brake pedal switch
- G476 Clutch position sender
- J104 ABS control unit
- J519 Onboard supply control unit
- L175 Right daytime running light bulb
- MX2 Front right headlight
- M3 Right side light bulb
- M7 Front right turn signal bulb
- M32 Right headlight main beam bulb
- T4cl 4-pin connector
- T5o 5-pin connector
- T10ak 10-pin connector
- T17c 17-pin connector
- T46a 46-pin connector
- T46b 46-pin connector
- T73c 73-pin connector

131 Earth connection 2, in engine compartment wiring harness

132 Earth connection 3, in engine compartment wiring harness

685 Earth point 1, on front of right longitudinal member

B335 Connection 1 (54), in main wiring harness

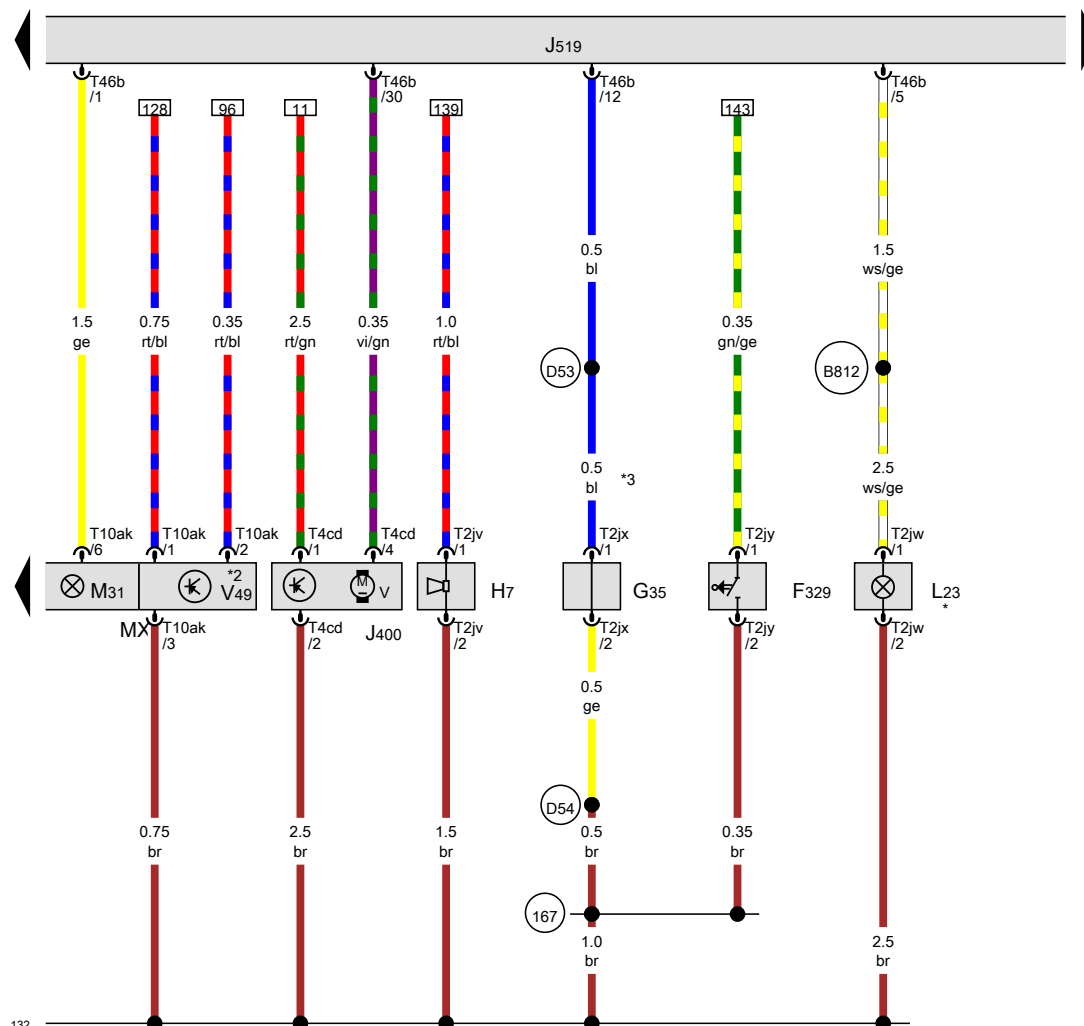
D52 Positive connection (15a), in engine compartment wiring harness

D73 Positive connection (54), in engine compartment wiring harness

D103 Connection 3 in engine compartment wiring harness

* see applicable current flow diagram for engine
*2 For models with manual gearbox

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink



Bonnet contact switch 2, Front right brake pad wear sender, Bass horn, Wiper motor control unit, Onboard supply control unit, Right fog light bulb, Front right headlight, Right headlight dipped beam bulb, Windscreen wiper motor

- F329 Bonnet contact switch 2
- G35 Front right brake pad wear sender
- H7 Bass horn
- J400 Wiper motor control unit
- J519 Onboard supply control unit
- L23 Right fog light bulb
- MX2 Front right headlight
- M31 Right headlight dipped beam bulb
- T2jv 2-pin connector
- T2jw 2-pin connector
- T2jx 2-pin connector
- T2jy 2-pin connector
- T4cd 4-pin connector
- T10ak 10-pin connector
- T46b 46-pin connector
- V Windscreen wiper motor
- V49 Right headlight range control motor

132 Earth connection 3, in engine compartment wiring harness

167 Earth connection 4, in engine compartment wiring harness

B812 Connection 2 (fog light), in main wiring harness

D53 Connection (right brake wear indicator), in engine compartment wiring harness

D54 Connection (right brake wear indicator), in engine compartment wiring harness

* For models with fog lights

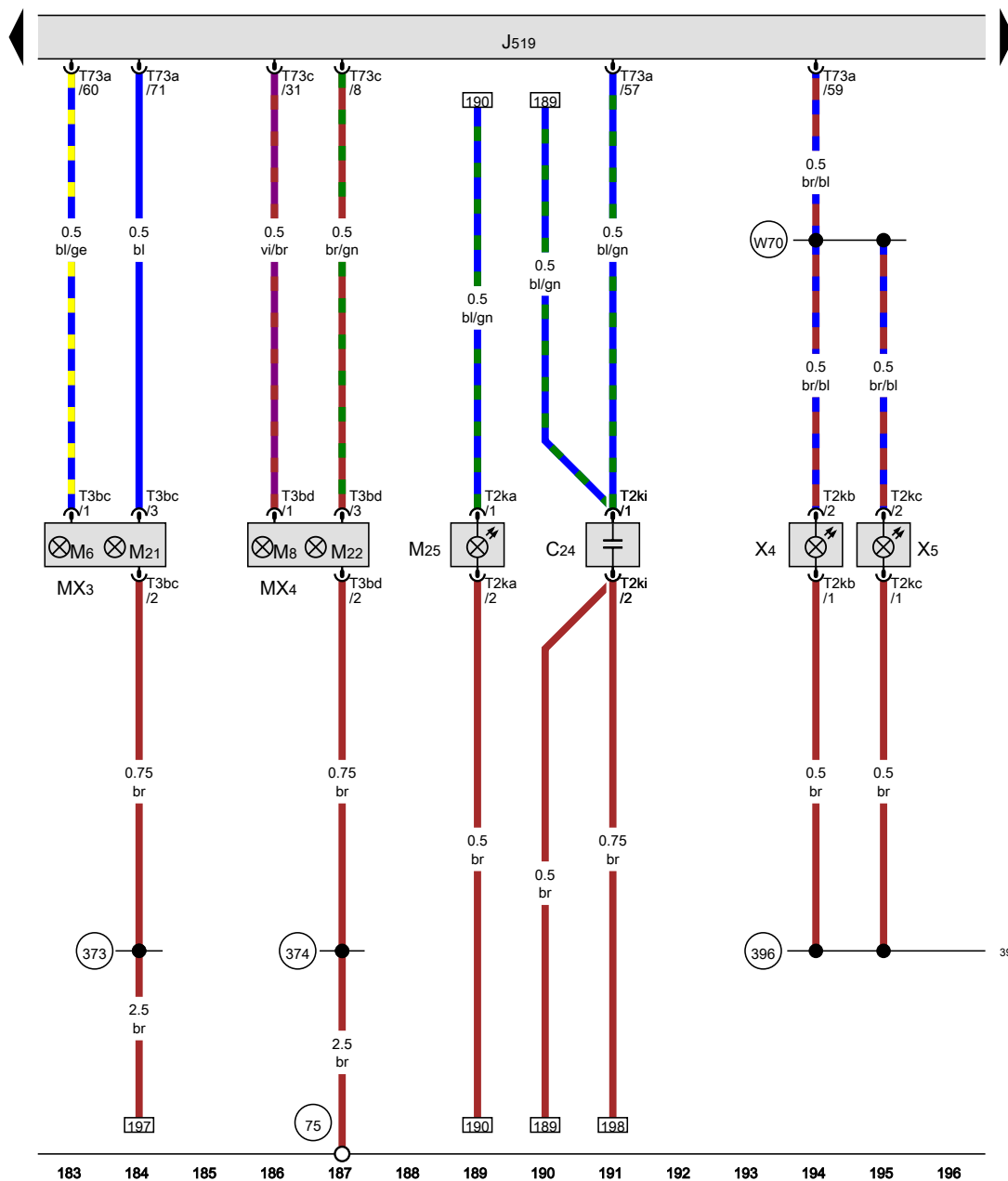
*2 For models with headlight range control

*3 Wiring colour depends on equipment

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

169 170 171 172 173 174 175 176 177 178 179 180 181 182

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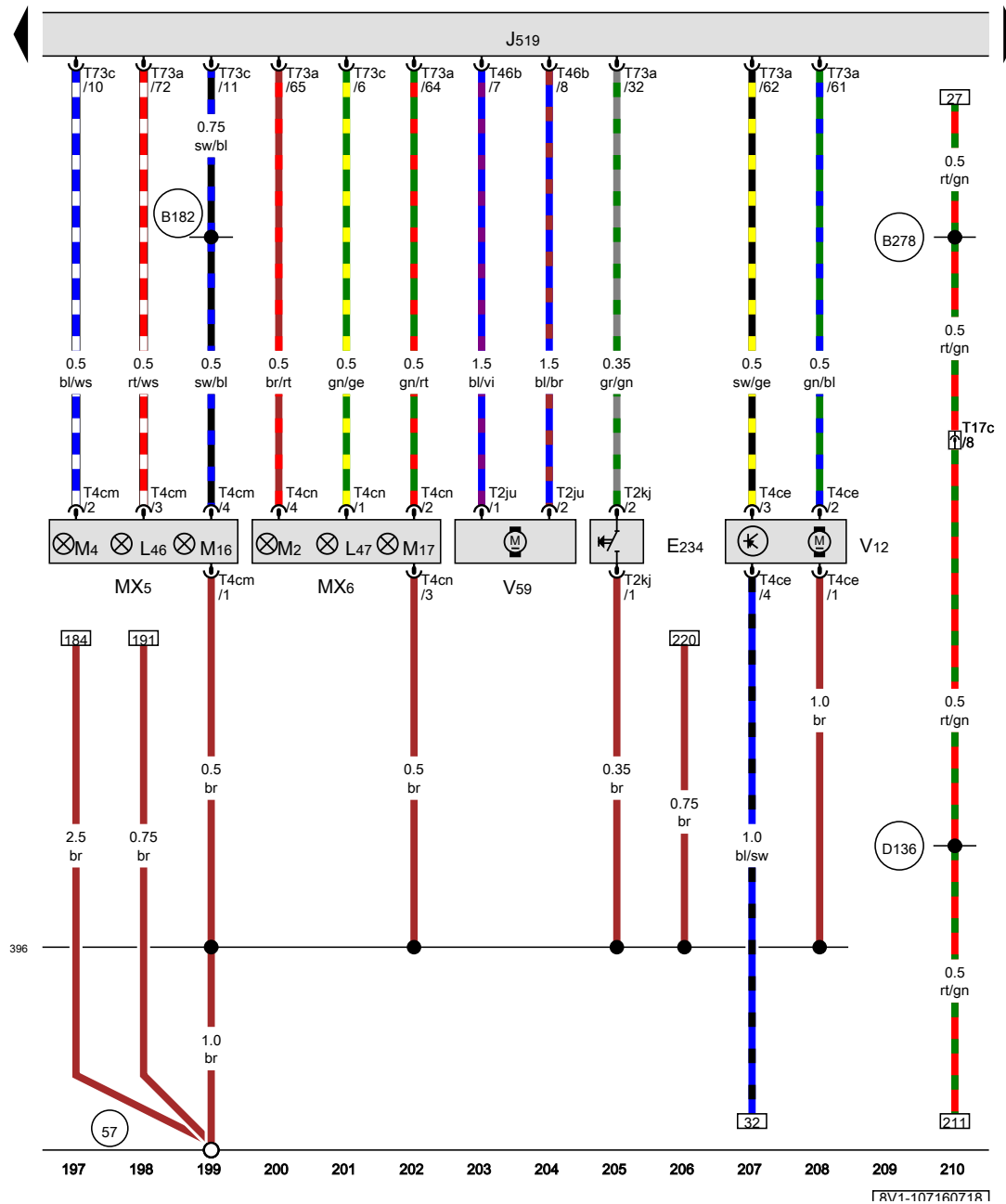
Onboard supply control unit, Rear left turn signal bulb, Rear right turn signal bulb, Left brake and tail light bulb, Right brake and tail light bulb, High-level brake light bulb

- C24 Suppression filter
- J519 Onboard supply control unit
- MX3 Left tail light
- MX4 Right tail light
- M6 Rear left turn signal bulb
- M8 Rear right turn signal bulb
- M21 Left brake and tail light bulb
- M22 Right brake and tail light bulb
- M25 High-level brake light bulb
- T2ka 2-pin connector
- T2kb 2-pin connector
- T2kc 2-pin connector
- T2ki 2-pin connector
- T3bc 3-pin connector
- T3bd 3-pin connector
- T73a 73-pin connector
- T73c 73-pin connector
- X4 Left number plate light
- X5 Right number plate light

- 75 Earth point, rear right pillar
- 373 Earth connection 8, in main wiring harness
- 374 Earth connection 9, in main wiring harness
- 396 Earth connection 31, in main wiring harness
- W70 Positive connection 2 (58), in number plate wiring harness

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

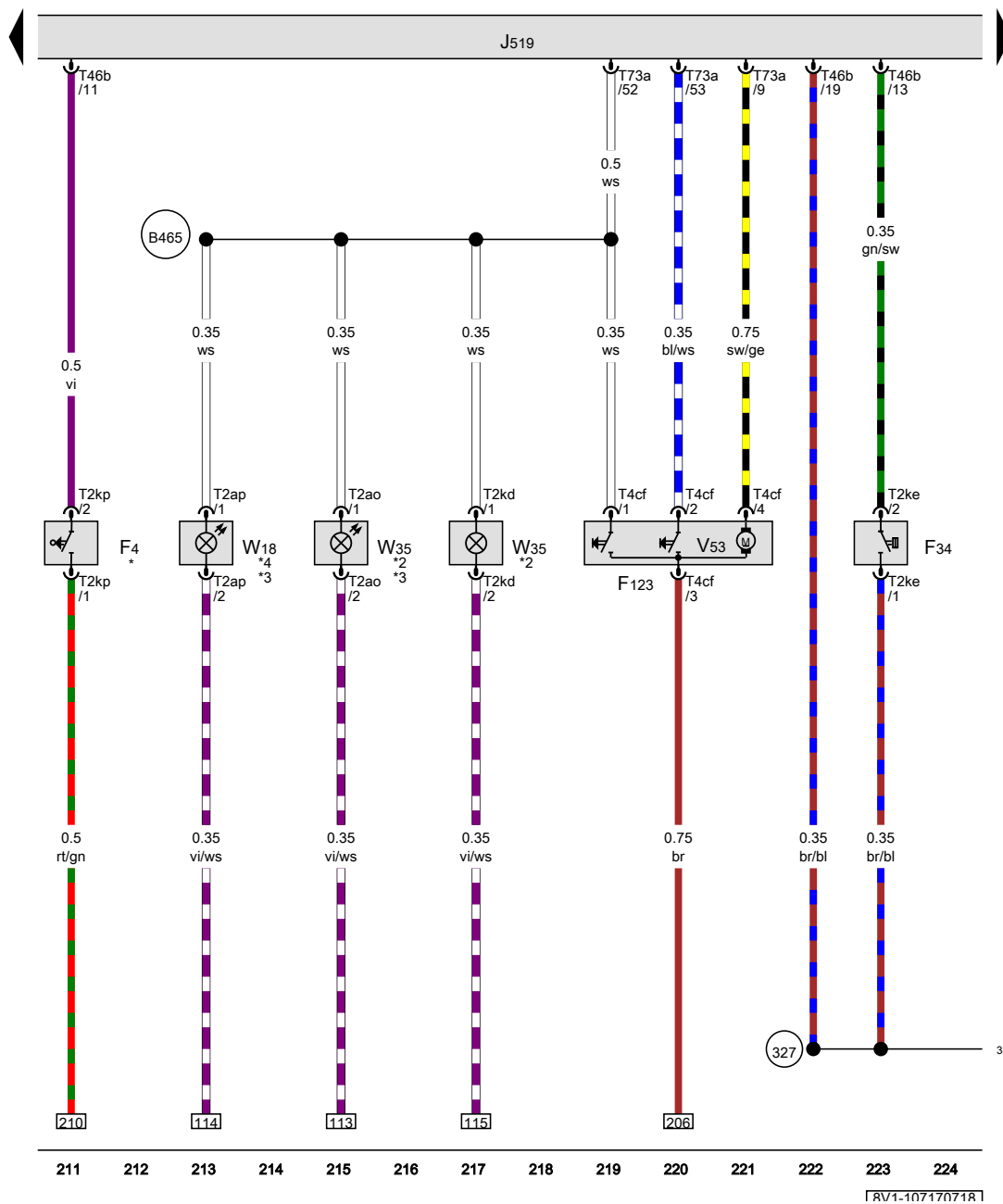
18V1-1071507181



Rear lid handle release button, Onboard supply control unit, Rear left fog light bulb, Rear right fog light bulb, Right tail light bulb, Left tail light bulb, Left reversing light bulb, Right reversing light bulb, Rear window wiper motor, Windscreen and rear window washer pump

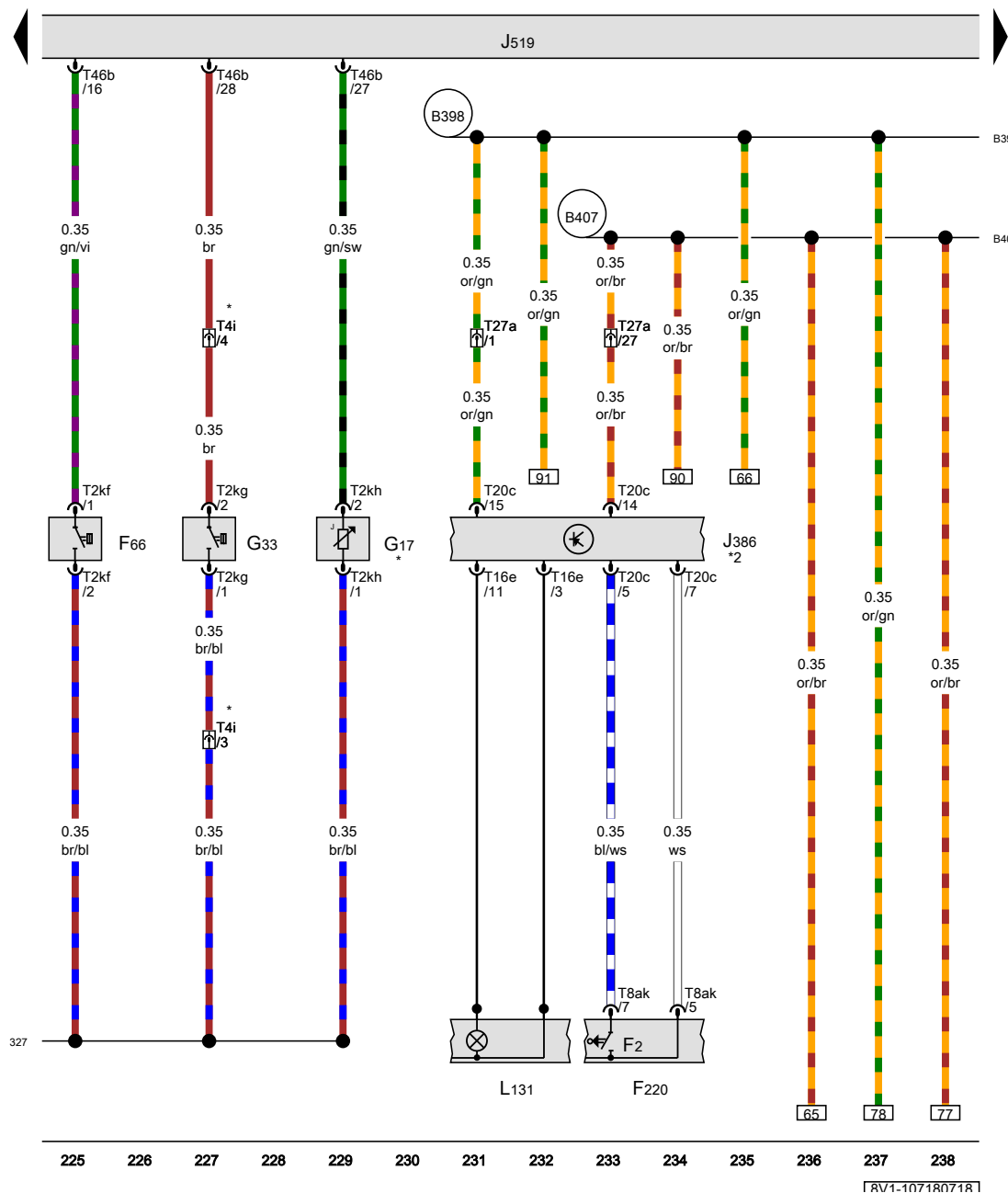
- E234 Rear lid handle release button
- J519 Onboard supply control unit
- L46 Rear left fog light bulb
- L47 Rear right fog light bulb
- M2 Right tail light bulb
- M4 Left tail light bulb
- MX5 Left tail light 2
- MX6 Right tail light 2
- M16 Left reversing light bulb
- M17 Right reversing light bulb
- T2ju 2-pin connector
- T2kj 2-pin connector
- T4ce 4-pin connector
- T4cm 4-pin connector
- T4cn 4-pin connector
- T17c 17-pin connector
- T46b 46-pin connector
- T73a 73-pin connector
- T73c 73-pin connector
- V12 Rear window wiper motor
- V59 Windscreen and rear window washer pump

- 57 Earth point, rear left pillar
- 396 Earth connection 31, in main wiring harness
- B182 Connection (RL), in interior wiring harness
- B278 Positive connection 2 (15a) in main wiring harness
- D136 Positive connection 2 (15a), in engine compartment wiring harness



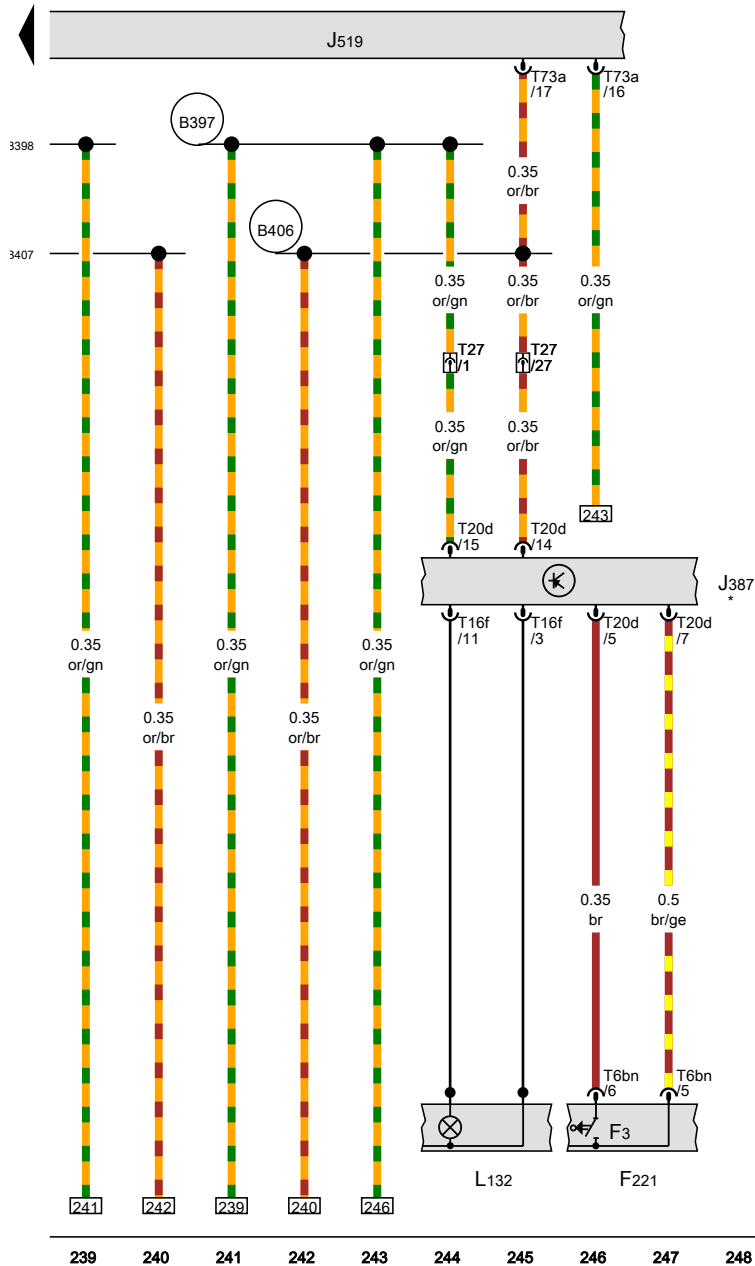
Reversing light switch, Brake fluid level warning contact, Rear lid contact switch for anti-theft alarm, Onboard supply control unit, Rear lid central locking motor

- F4 Reversing light switch
- F34 Brake fluid level warning contact
- F123 Rear lid contact switch for anti-theft alarm
- J519 Onboard supply control unit
- T2ao 2-pin connector
- T2ap 2-pin connector
- T2kd 2-pin connector
- T2ke 2-pin connector
- T2kp 2-pin connector
- T4cf 4-pin connector
- T46b 46-pin connector
- T73a 73-pin connector
- V53 Rear lid central locking motor
- W18 Left luggage compartment light
- W35 Right luggage compartment light
- 327 Earth connection (sender earth), in engine compartment wiring harness
- B465 Connection 1, in main wiring harness
- * For models with manual gearbox
- *2 According to equipment
- *3 Pre-wired component
- *4 If fitted



Coolant shortage indicator switch, Driver side central locking lock unit, Ambient temperature sensor, Windscreen washer fluid level sender, Driver door control unit, Onboard supply control unit, Driver side turn signal repeater bulb

- F2 Driver door contact switch
- F66 Coolant shortage indicator switch
- F220 Driver side central locking lock unit
- G17 Ambient temperature sensor
- G33 Windscreen washer fluid level sender
- J386 Driver door control unit
- J519 Onboard supply control unit
- L131 Driver side turn signal repeater bulb
- T2kf 2-pin connector
- T2kg 2-pin connector
- T2kh 2-pin connector
- T4i 4-pin connector
- T8ak 8-pin connector
- T16e 16-pin connector
- T20c 20-pin connector
- T27a 27-pin connector
- T46b 46-pin connector
- 327 Earth connection (sender earth), in engine compartment wiring harness
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness
- * According to equipment
- *2 see applicable current flow diagram for convenience system

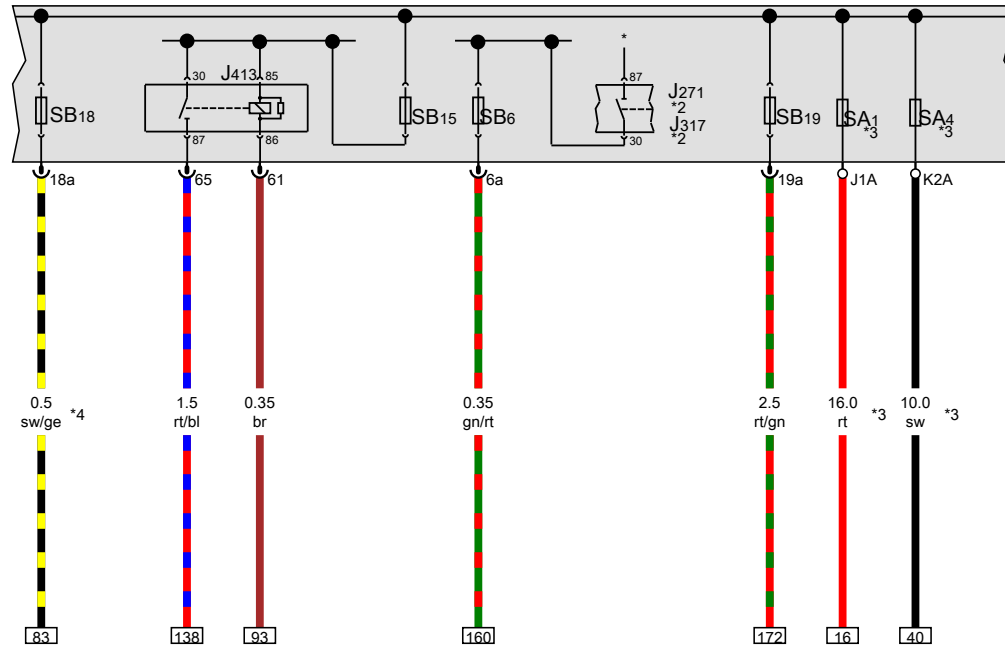


Front passenger side central locking lock unit, Front passenger door control unit, Onboard supply control unit, Front passenger side turn signal repeater bulb

- F3 Front passenger door contact switch
- F221 Front passenger side central locking lock unit
- J387 Front passenger door control unit
- J519 Onboard supply control unit
- L132 Front passenger side turn signal repeater bulb
- T6bn 6-pin connector
- T16f 16-pin connector
- T20d 20-pin connector
- T27 27-pin connector
- T73a 73-pin connector
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness
- * see applicable current flow diagram for convenience system

Basic equipment, right-hand drive , (L0R)

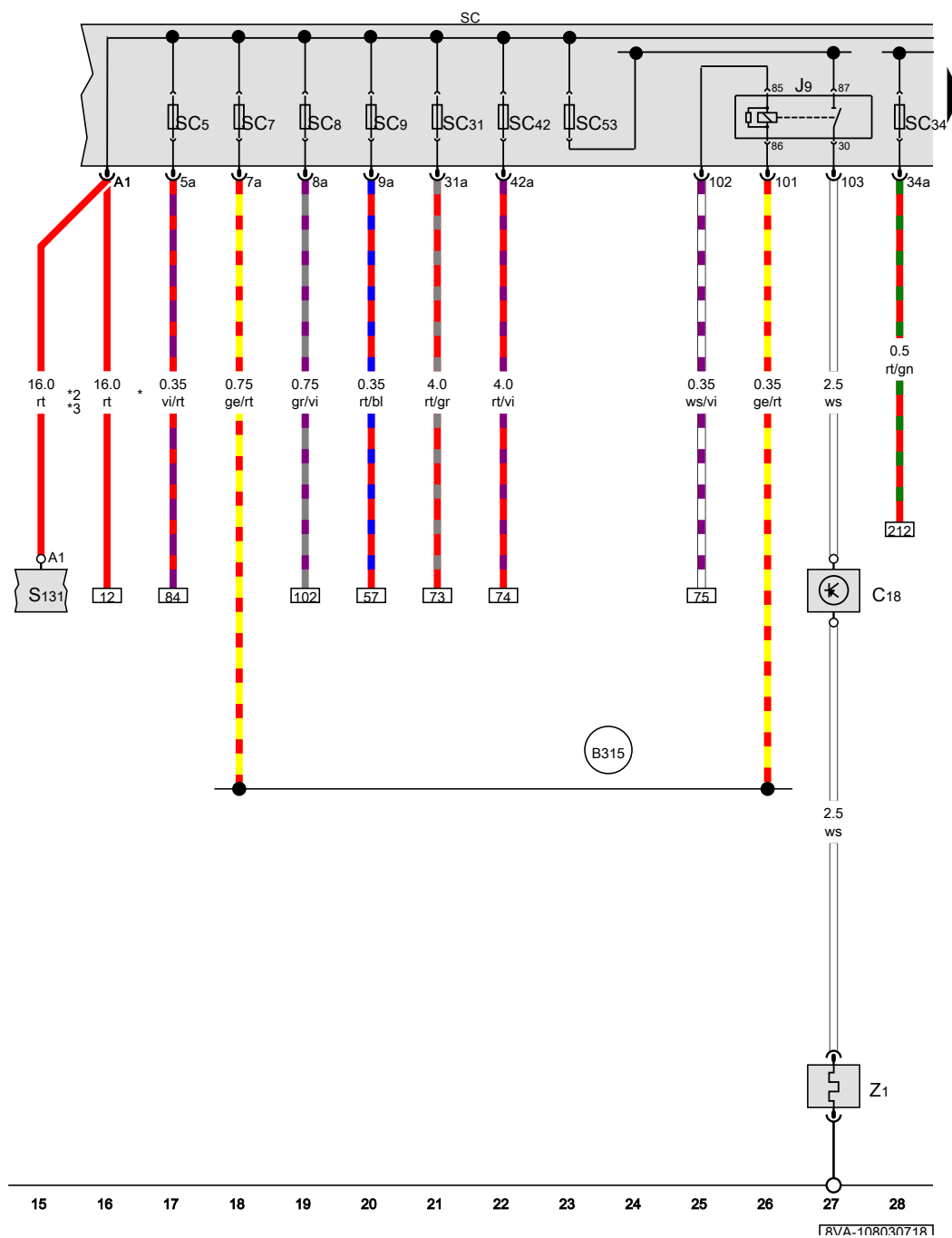
From November 2014



Main relay, Terminal 30 voltage supply relay, Horn relay

- J271 Main relay
- J317 Terminal 30 voltage supply relay
- J413 Horn relay
- SA1 Fuse 1 on fuse holder A
- SA4 Fuse 4 on fuse holder A
- SB6 Fuse 6 on fuse holder B
- SB15 Fuse 15 on fuse holder B
- SB18 Fuse 18 on fuse holder B
- SB19 Fuse 19 on fuse holder B
- * see applicable current flow diagram for engine
- *2 According to equipment
- *3 Not for RS 3 models
- *4 For models with no start/stop system

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



Heated rear window relay, Fuse holder C, Heated rear window

- C18 Window aerial suppression filter
- J9 Heated rear window relay
- SC Fuse holder C
- SC5 Fuse 5 on fuse holder C
- SC7 Fuse 7 on fuse holder C
- SC8 Fuse 8 on fuse holder C
- SC9 Fuse 9 on fuse holder C
- SC31 Fuse 31 on fuse holder C
- SC34 Fuse 34 on fuse holder C
- SC42 Fuse 42 on fuse holder C
- SC53 Fuse 53 on fuse holder C
- S131 Fuse 1
- Z1 Heated rear window

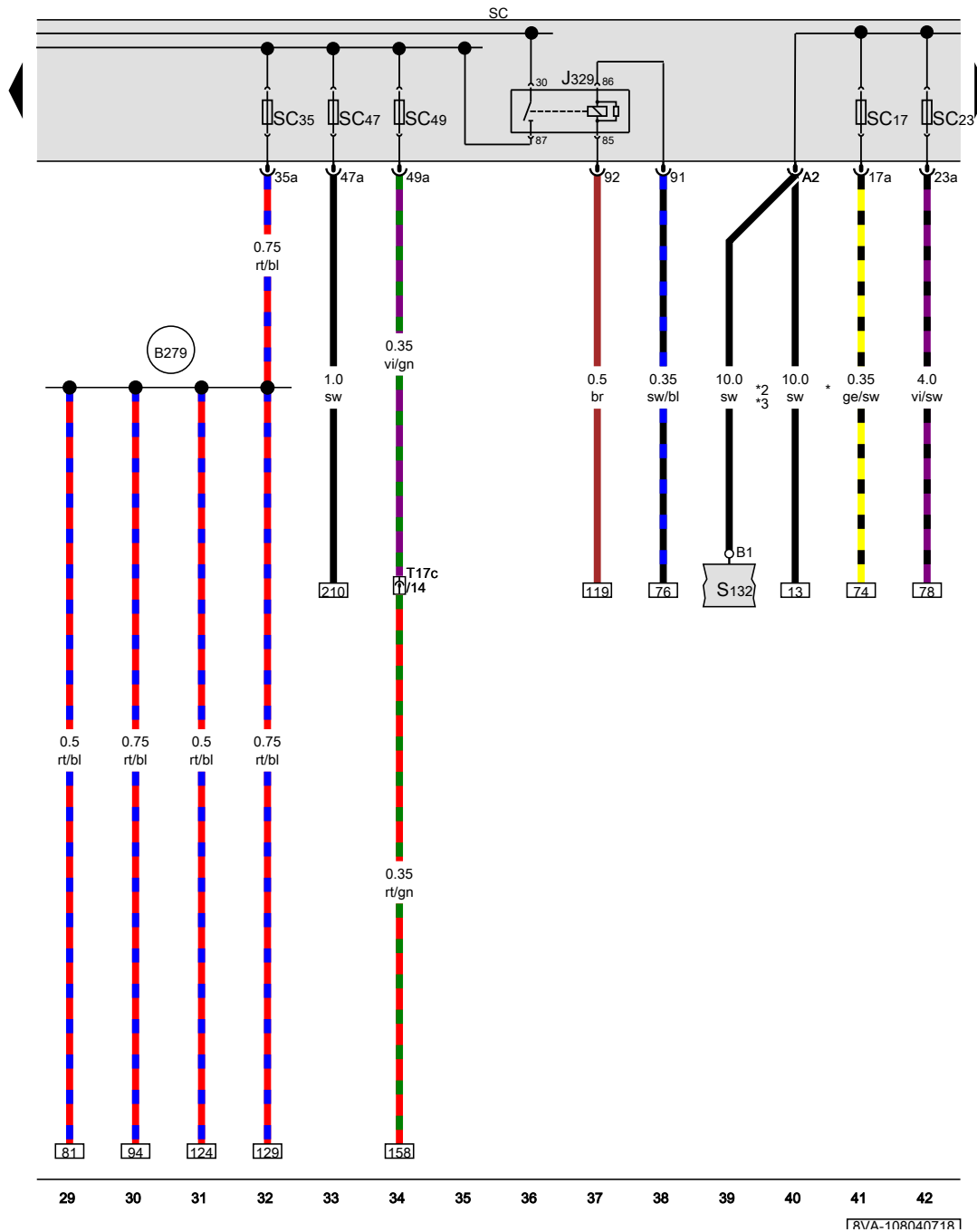
B315 Positive connection 1 (30a) in main wiring harness

* Not for RS 3 models

*2 For RS 3 models

*3 see applicable current flow diagram for battery

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



Terminal 15 voltage supply relay, Fuse holder C

J329 Terminal 15 voltage supply relay

SC Fuse holder C

SC17 Fuse 17 on fuse holder C

SC23 Fuse 23 on fuse holder C

SC35 Fuse 35 on fuse holder C

SC47 Fuse 47 on fuse holder C

SC49 Fuse 49 on fuse holder C

S132 Fuse 2

T17c 17-pin connector

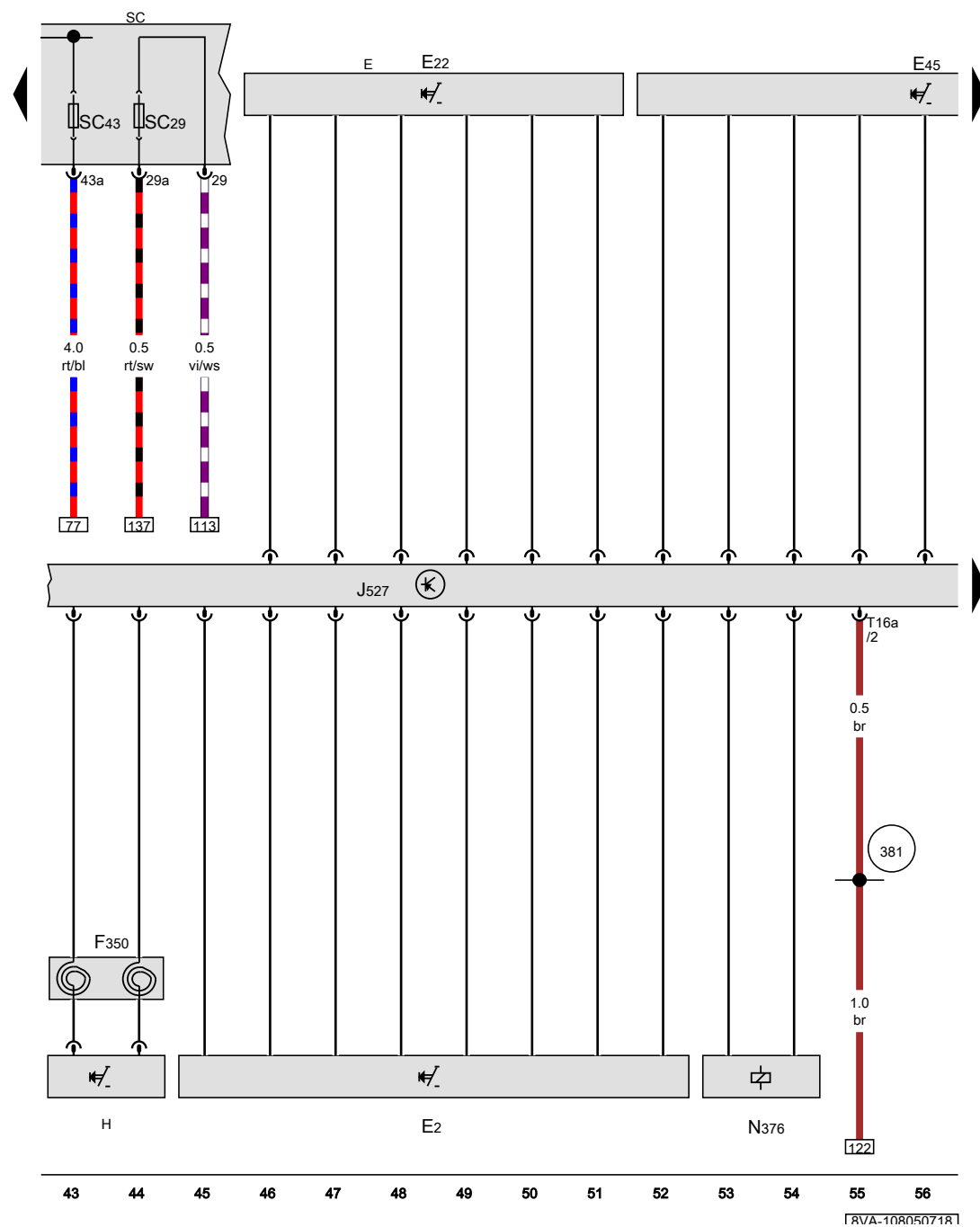
B279 Positive connection 3 (15a) in main wiring harness

* Not for RS 3 models

*2 For RS 3 models

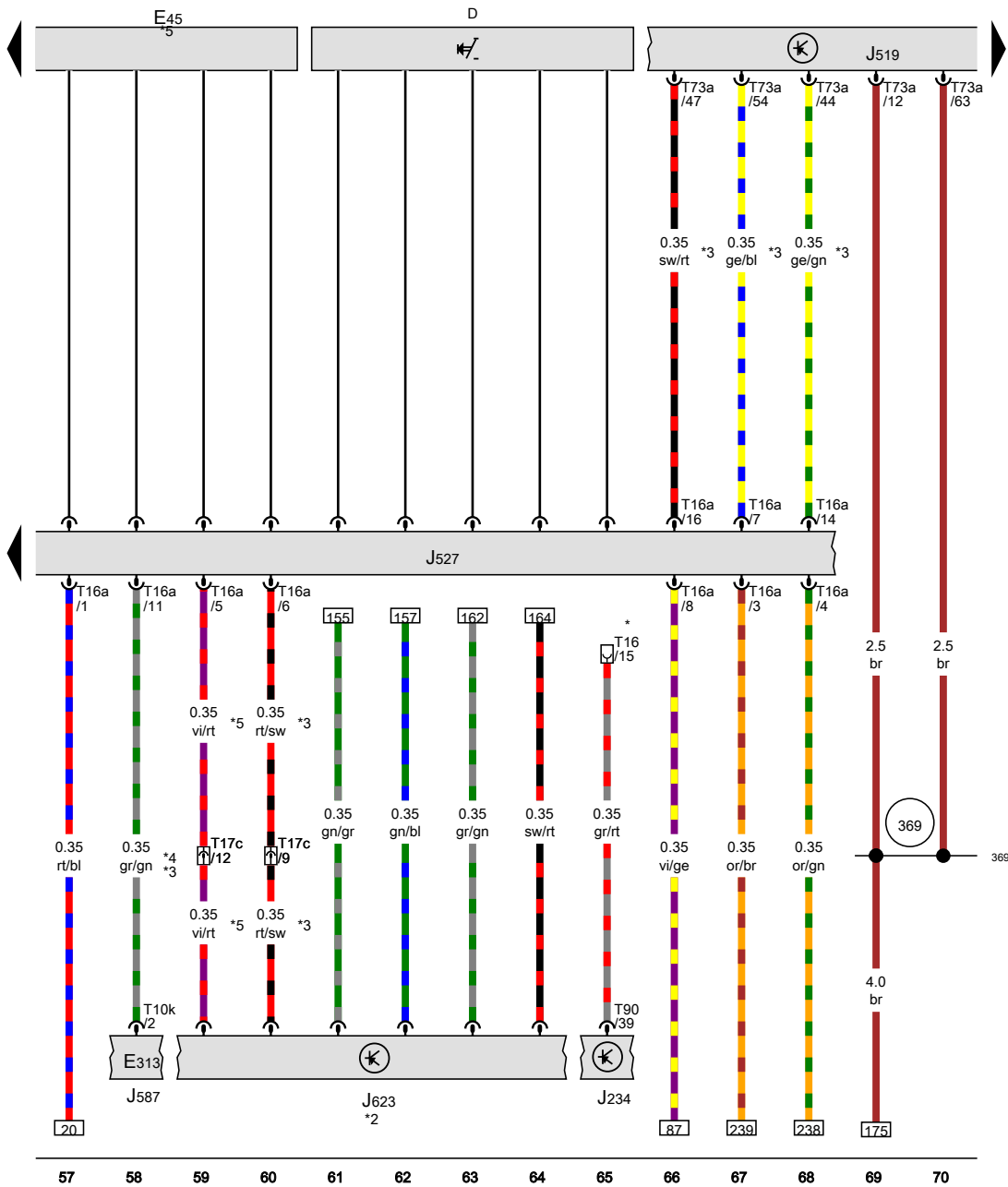
*3 see applicable current flow diagram for battery

ws = white
sw = black
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rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink



Windscreen wiper switch, Turn signal switch, Intermittent wiper switch, Cruise control system switch, Horn plate, Steering column electronics control unit, Fuse holder C

- E Windscreen wiper switch
- E2 Turn signal switch
- E22 Intermittent wiper switch
- E45 Cruise control system switch
- F350 Coil connector
- H Horn plate
- J527 Steering column electronics control unit
- N376 Ignition key withdrawal lock solenoid
- SC Fuse holder C
- SC29 Fuse 29 on fuse holder C
- SC43 Fuse 43 on fuse holder C
- T1 1-pin connector
- T16a 16-pin connector
- 381 Earth connection 16, in main wiring harness
- * For models with cruise control system (CCS)



Ignition/starter switch, Cruise control system switch, Onboard supply control unit, Steering column electronics control unit

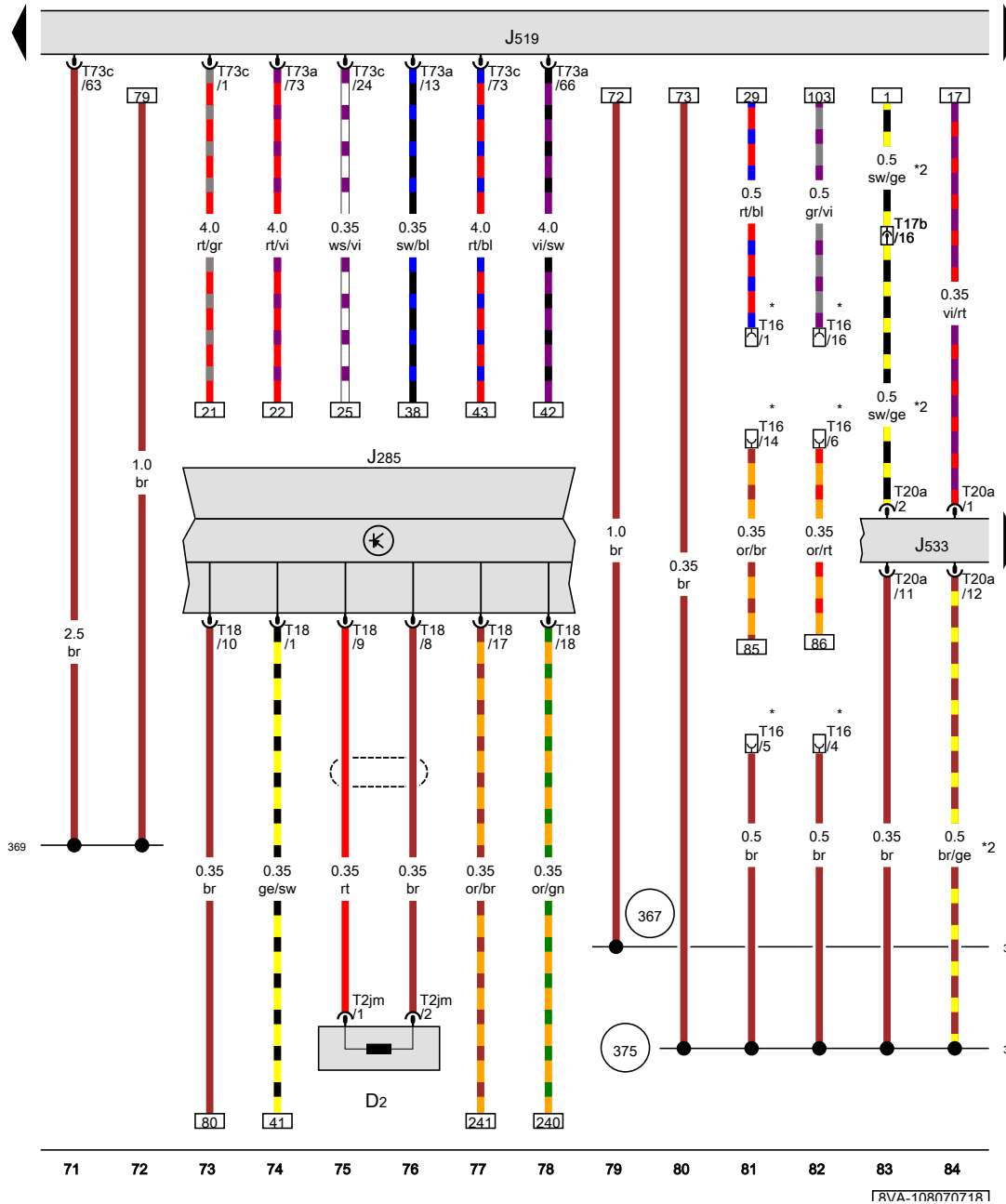
- D Ignition/starter switch
- E45 Cruise control system switch
- E313 Selector lever
- J234 Airbag control unit
- J519 Onboard supply control unit
- J527 Steering column electronics control unit
- J587 Selector lever sensors control unit
- J623 Engine/motor control unit
- T10k 10-pin connector
- T16 16-pin connector
- T16a 16-pin connector
- T17c 17-pin connector
- T73a 73-pin connector
- T90 90-pin connector

369 Earth connection 4, in main wiring harness

- * Diagnostic connection
- *2 see applicable current flow diagram for engine
- *3 For models with no entry and start authorisation
- *4 see applicable current flow diagram for automatic gearbox
- *5 For models with cruise control system (CCS)

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

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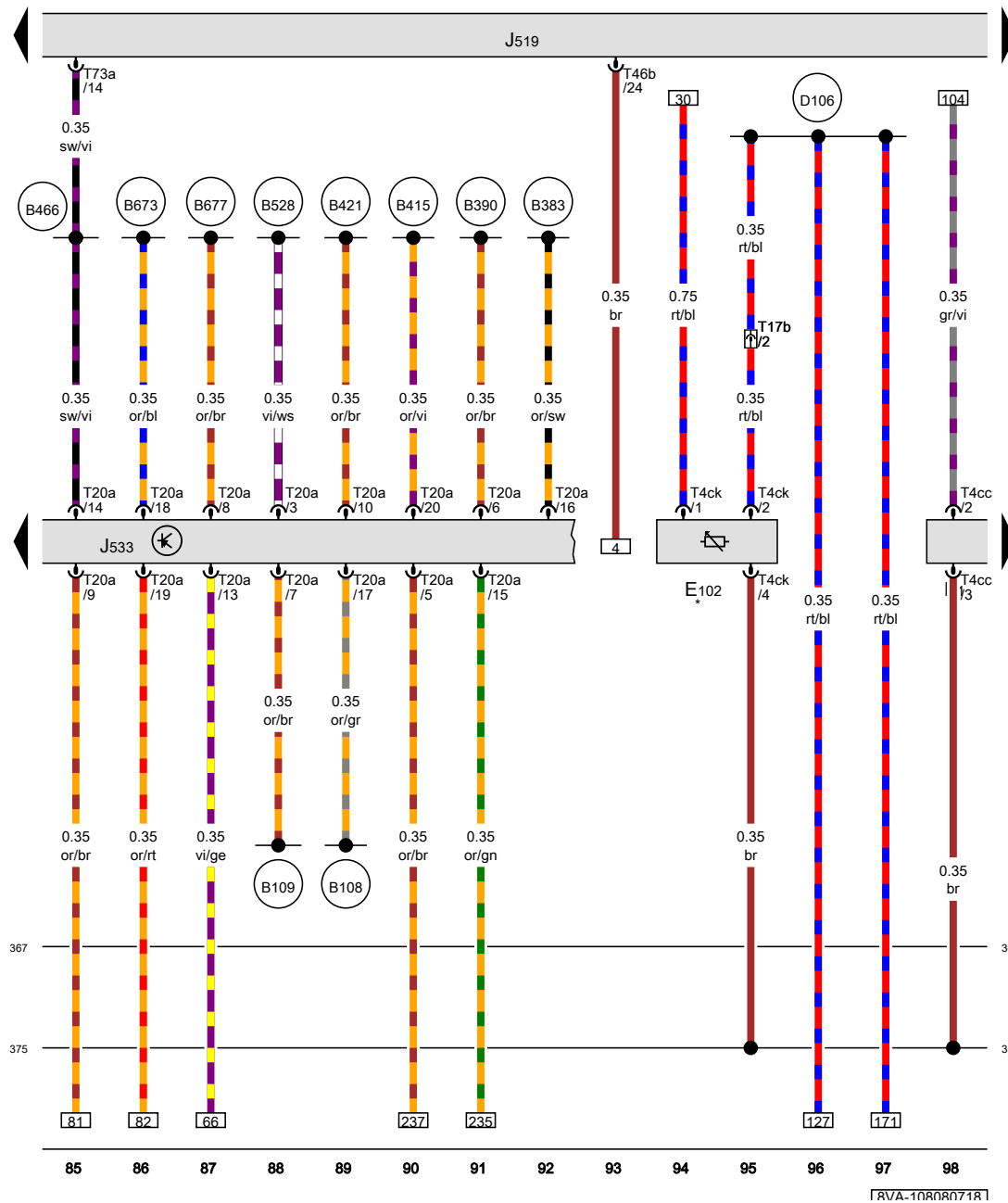


Control unit in dash panel insert, Onboard supply control unit, Data bus diagnostic interface

- D2 Immobiliser reader coil
- J285 Control unit in dash panel insert
- J519 Onboard supply control unit
- J533 Data bus diagnostic interface
- T2jm 2-pin connector
- T16 16-pin connector
- T17b 17-pin connector
- T18 18-pin connector
- T20a 20-pin connector
- T73a 73-pin connector
- T73c 73-pin connector
- 367 Earth connection 2, in main wiring harness
- 369 Earth connection 4, in main wiring harness
- 375 Earth connection 10, in main wiring harness
- * Diagnostic connection
- *2 For models with no start/stop system

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

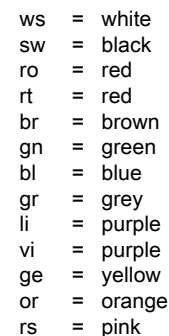
Light switch, Onboard supply control unit, Data bus diagnostic interface



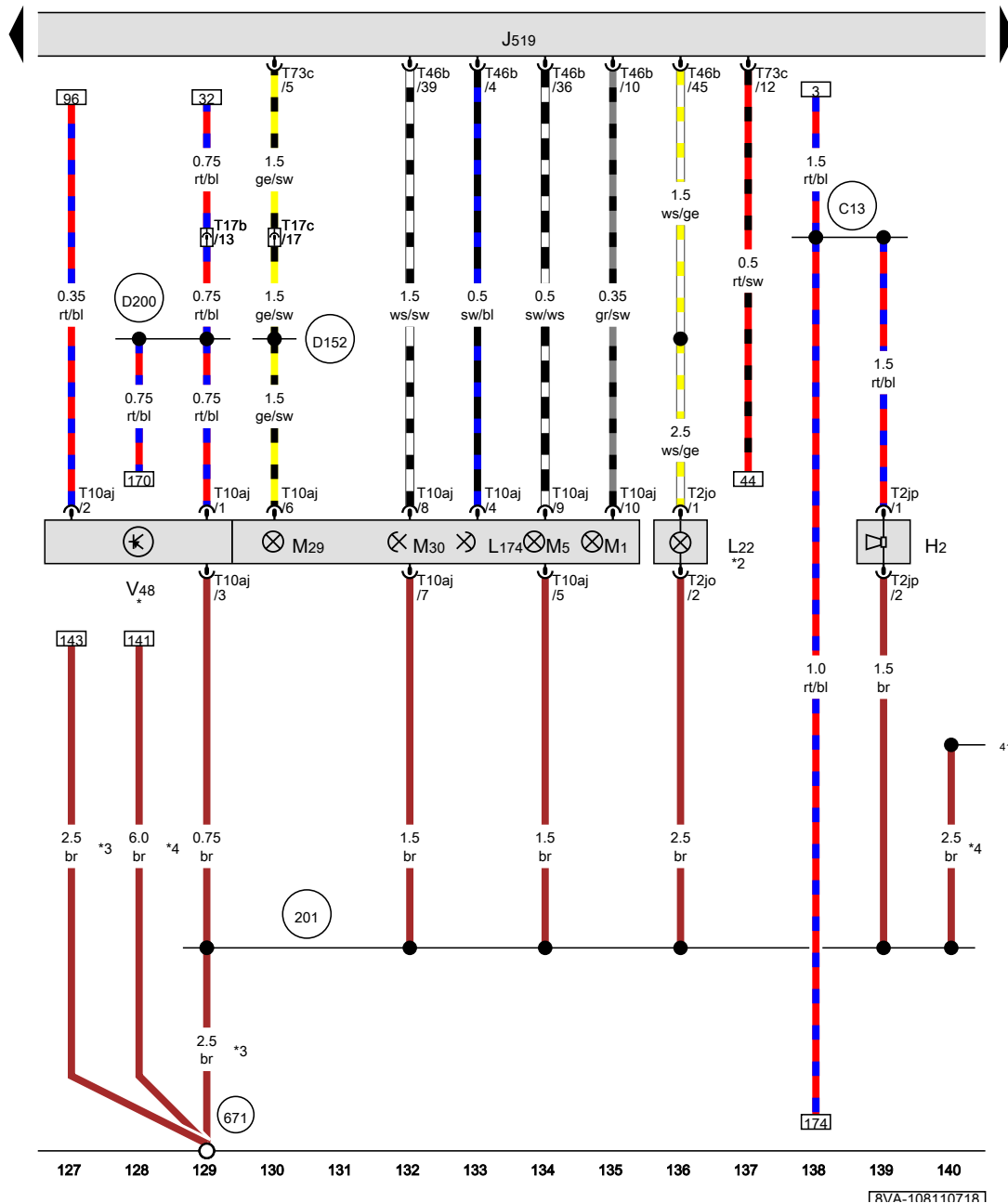
- E1 Light switch
- E102 Headlight range control regulator
- J519 Onboard supply control unit
- J533 Data bus diagnostic interface
- T4cc 4-pin connector
- T4ck 4-pin connector
- T17b 17-pin connector
- T20a 20-pin connector
- T46b 46-pin connector
- T73a 73-pin connector
- 367 Earth connection 2, in main wiring harness
- 375 Earth connection 10, in main wiring harness
- B108 Connection 1 (CAN bus extended high), in main wiring harness
- B109 Connection 1 (CAN bus extended low), in main wiring harness
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- B415 Connection 1 (infotainment CAN bus, high), in main wiring harness
- B421 Connection 1 (infotainment CAN bus, low), in main wiring harness
- B466 Connection 2, in main wiring harness
- B528 Connection 1 (LIN bus) in main wiring harness
- B673 Connection 2 (running gear/dash panel insert CAN bus, high), in main wiring harness
- B677 Connection 2 (running gear/dash panel insert CAN bus, low), in main wiring harness
- D106 Connection 4 in engine compartment wiring harness
- * For models with no automatic headlight range control

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

E1	Light switch
G355	Humidity sender
G397	Rain and light sensor
J519	Onboard supply control unit
T3f	3-pin connector
T4a	4-pin connector
T4b	4-pin connector
T4cc	4-pin connector
T6	6-pin connector
T8a	8-pin connector
T73a	73-pin connector
T73c	73-pin connector
W1	Front interior light
WX3	Front roof module
W11	Rear left reading light
W12	Rear right reading light
W13	Front passenger reading light
W19	Driver side reading light
W43	Rear interior light
Y7	Automatic anti-dazzle interior mirror
367	Earth connection 2, in main wiring harness
372	Earth connection 7, in main wiring harness
375	Earth connection 10, in main wiring harness
751	Earth point 2, on right A-pillar
B316	Positive connection 2 (30a) in main wiring harness
B549	Connection 2 (LIN bus) in main wiring harness
*	According to equipment



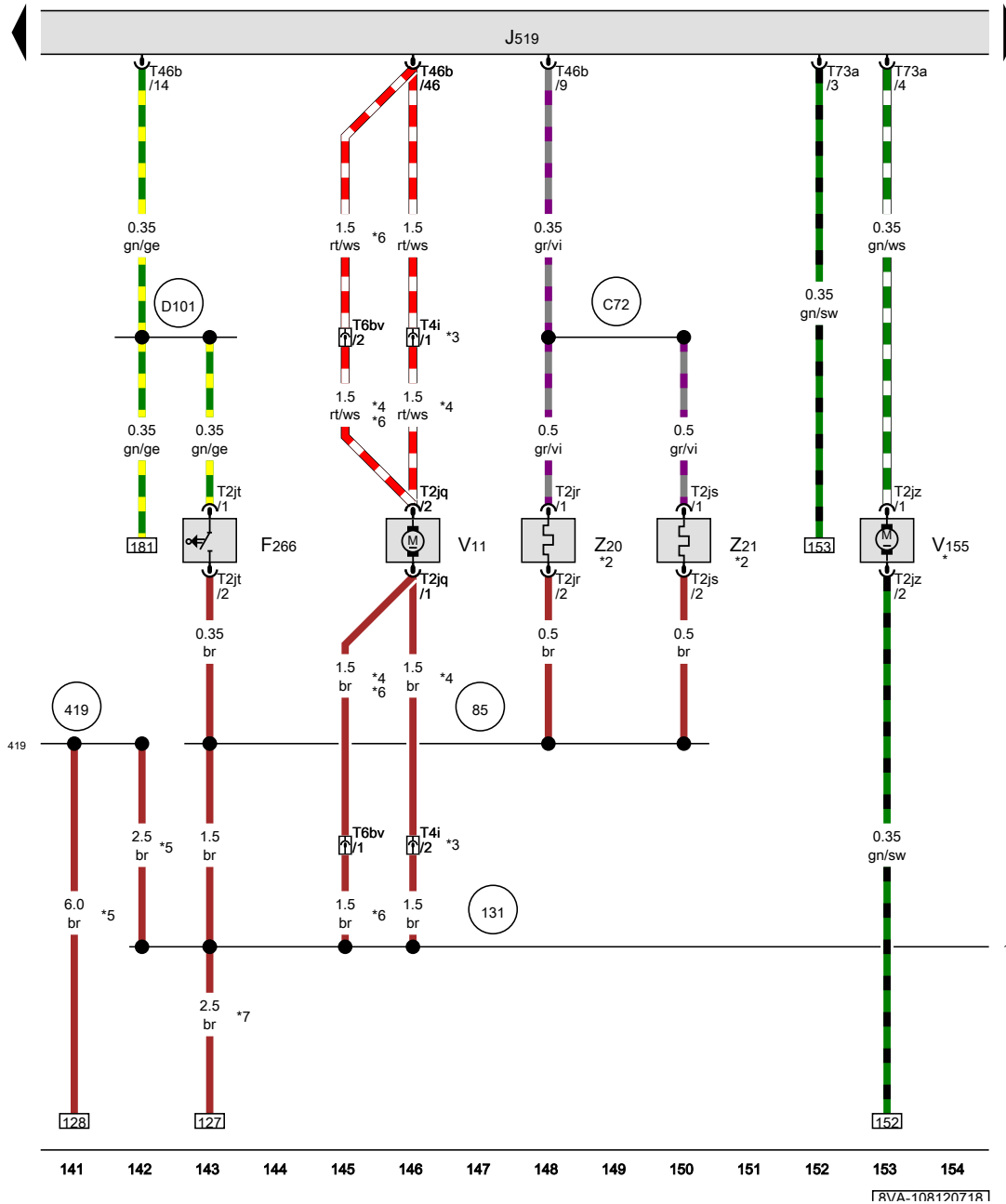
- 366 Earth connection 1, in main wiring harness
- 368 Earth connection 3, in main wiring harness
- 684 Earth point on front of left side member
- 687 Earth point 1, on centre tunnel
- B467 Connection 3, in main wiring harness
- B731 Connection 1 (58s), in main wiring harness



Treble horn, Onboard supply control unit, Left fog light bulb, Left daytime running light bulb, Left side light bulb, Front left turn signal bulb, Left headlight dipped beam bulb, Left headlight main beam bulb, Left headlight range control motor

- H2 Treble horn
- J519 Onboard supply control unit
- L22 Left fog light bulb
- L174 Left daytime running light bulb
- M1 Left side light bulb
- M5 Front left turn signal bulb
- M29 Left headlight dipped beam bulb
- M30 Left headlight main beam bulb
- T2jo 2-pin connector
- T2jp 2-pin connector
- T10aj 10-pin connector
- T17b 17-pin connector
- T17c 17-pin connector
- T46b 46-pin connector
- T73c 73-pin connector
- V48 Left headlight range control motor
- 201 Earth connection 5, in engine compartment wiring harness
- 419 Earth connection 11, in engine compartment wiring harness
- 671 Earth point 1, on front of left longitudinal member
- C13 Positive connection in dual tone horn wiring harness
- D152 Positive connection 1 (56b), in engine compartment wiring harness
- D200 Positive connection 3 (15a), in engine compartment wiring harness

- * For models with headlight range control
- *2 For models with fog lights
- *3 Gradually discontinued
- *4 Gradual introduction



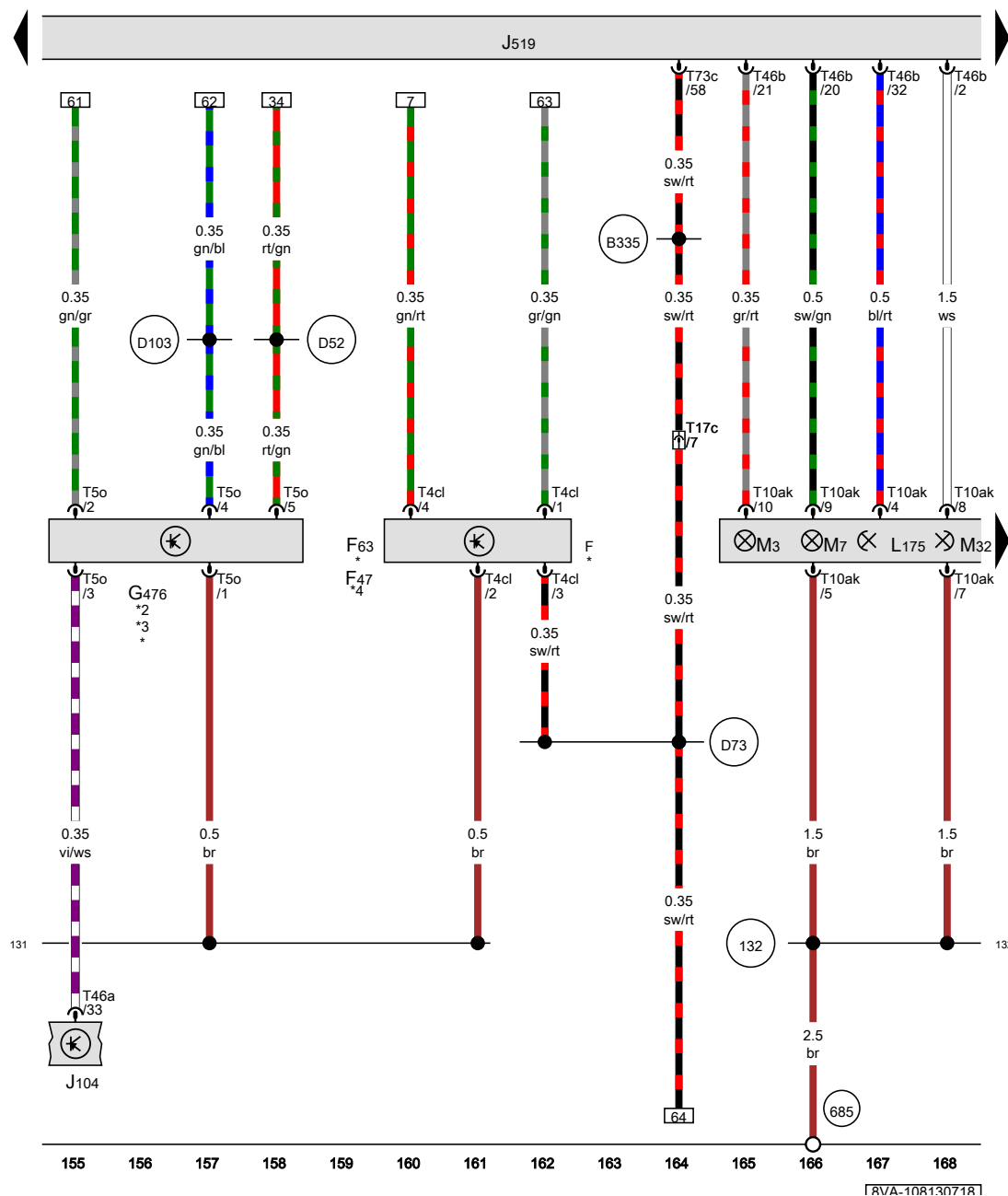
Bonnet contact switch, Onboard supply control unit, Headlight washer system pump, Tank filler flap locking motor, Left washer jet heater element, Right washer jet heater element

- F266 Bonnet contact switch
- J519 Onboard supply control unit
- T2jq 2-pin connector
- T2jr 2-pin connector
- T2js 2-pin connector
- T2jt 2-pin connector
- T2jz 2-pin connector
- T4i 4-pin connector
- T6bv 6-pin connector
- T46b 46-pin connector
- T73a 73-pin connector
- V11 Headlight washer system pump
- V155 Tank filler flap locking motor
- Z20 Left washer jet heater element
- Z21 Right washer jet heater element

- 85 Earth connection 1, in engine compartment wiring harness
- 131 Earth connection 2, in engine compartment wiring harness
- 419 Earth connection 11, in engine compartment wiring harness
- C72 Positive connection in heated washer jet wiring harness
- D101 Connection 1 in engine compartment wiring harness

- * For models with no hybrid drive system
- *2 For models with heater element for washer jets
- *3 According to equipment
- *4 Wiring colour depends on equipment
- *5 gradual introduction
- *6 For RS 3 models
- *7 Gradually discontinued

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

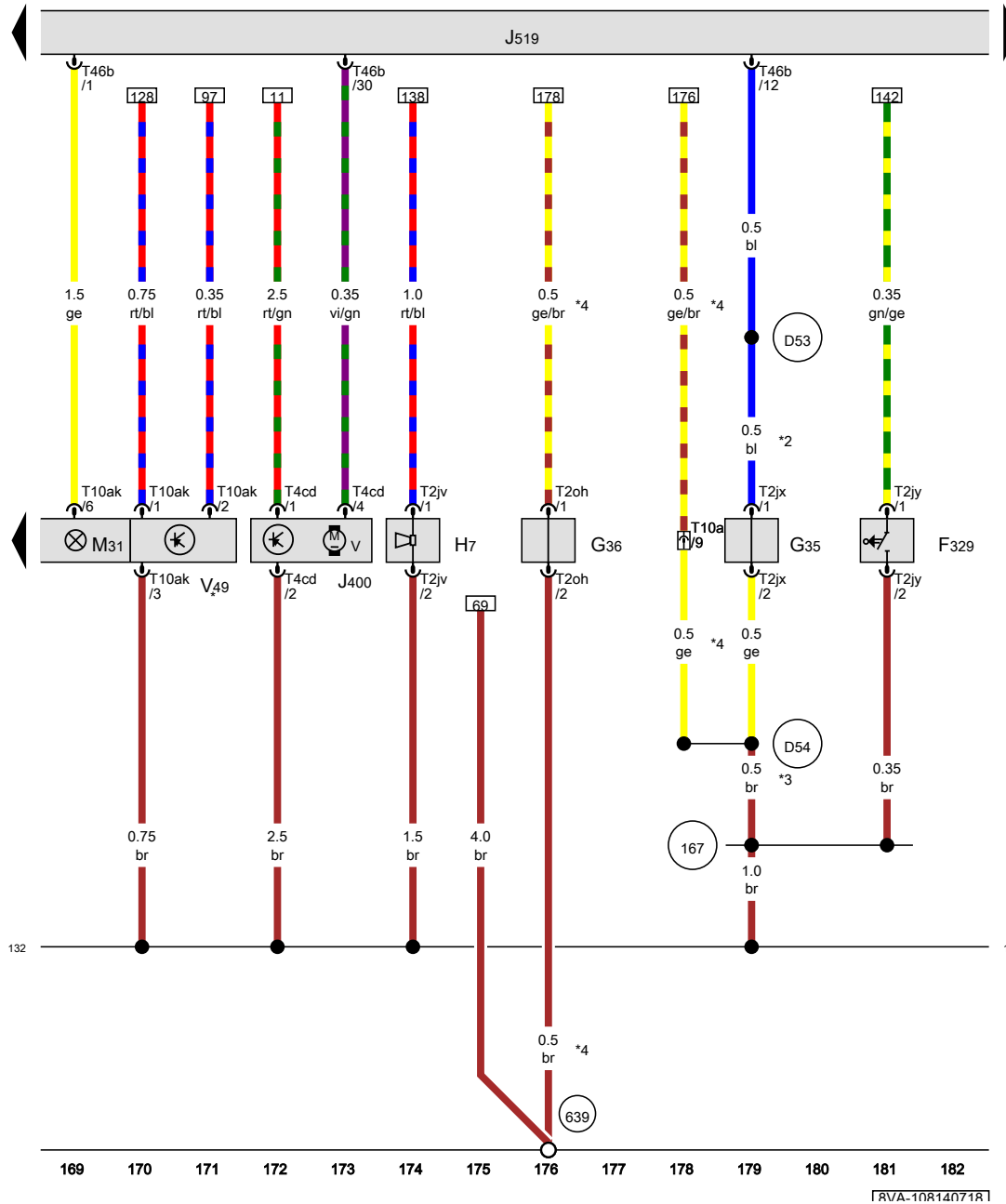


Brake pedal switch, Clutch position sender, Onboard supply control unit, Right daytime running light bulb, Right side light bulb, Front right turn signal bulb, Right headlight main beam bulb

- F Brake light switch
- F47 Brake pedal switch
- F63 Brake pedal switch
- G476 Clutch position sender
- J104 ABS control unit
- J519 Onboard supply control unit
- L175 Right daytime running light bulb
- M3 Right side light bulb
- M7 Front right turn signal bulb
- M32 Right headlight main beam bulb
- T4cl 4-pin connector
- T50 5-pin connector
- T10ak 10-pin connector
- T17c 17-pin connector
- T46a 46-pin connector
- T46b 46-pin connector
- T73c 73-pin connector

- 131 Earth connection 2, in engine compartment wiring harness
- 132 Earth connection 3, in engine compartment wiring harness
- 685 Earth point 1, on front of right longitudinal member
- B335 Connection 1 (54), in main wiring harness
- D52 Positive connection (15a), in engine compartment wiring harness
- D73 Positive connection (54), in engine compartment wiring harness
- D103 Connection 3 in engine compartment wiring harness
- * For models with no hybrid drive system
- *2 see applicable current flow diagram for engine
- *3 For models with manual gearbox
- *4 For RS 3 models

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 or = orange
 rs = pink

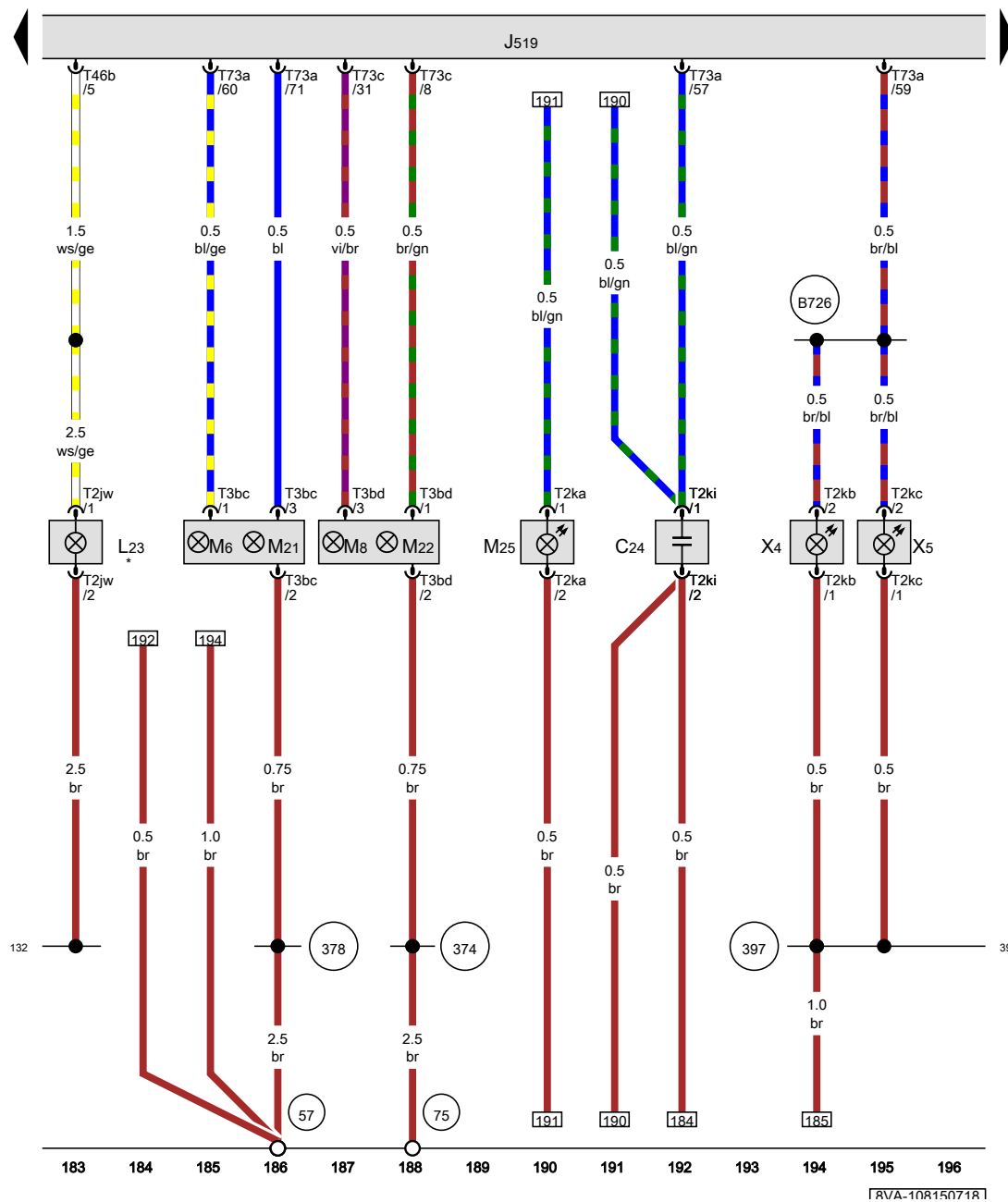


Bonnet contact switch 2, Front right brake pad wear sender, Bass horn, Wiper motor control unit, Onboard supply control unit, Right headlight dipped beam bulb, Windscreen wiper motor

- F329 Bonnet contact switch 2
- G35 Front right brake pad wear sender
- G36 Rear left brake pad wear sender
- H7 Bass horn
- J400 Wiper motor control unit
- J519 Onboard supply control unit
- M31 Right headlight dipped beam bulb
- T2jv 2-pin connector
- T2jx 2-pin connector
- T2jy 2-pin connector
- T2oh 2-pin connector
- T4cd 4-pin connector
- T10a 10-pin connector
- T10ak 10-pin connector
- T46b 46-pin connector
- V Windscreen wiper motor
- V49 Right headlight range control motor

- 132 Earth connection 3, in engine compartment wiring harness
- 167 Earth connection 4, in engine compartment wiring harness
- 639 Earth point, left A-pillar
- D53 Connection (right brake wear indicator), in engine compartment wiring harness
- D54 Connection (right brake wear indicator), in engine compartment wiring harness
- * For models with headlight range control
- *2 Wiring colour depends on equipment
- *3 Not for RS 3 models
- *4 For RS 3 models

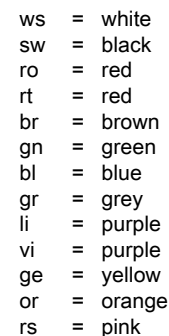
ws = white
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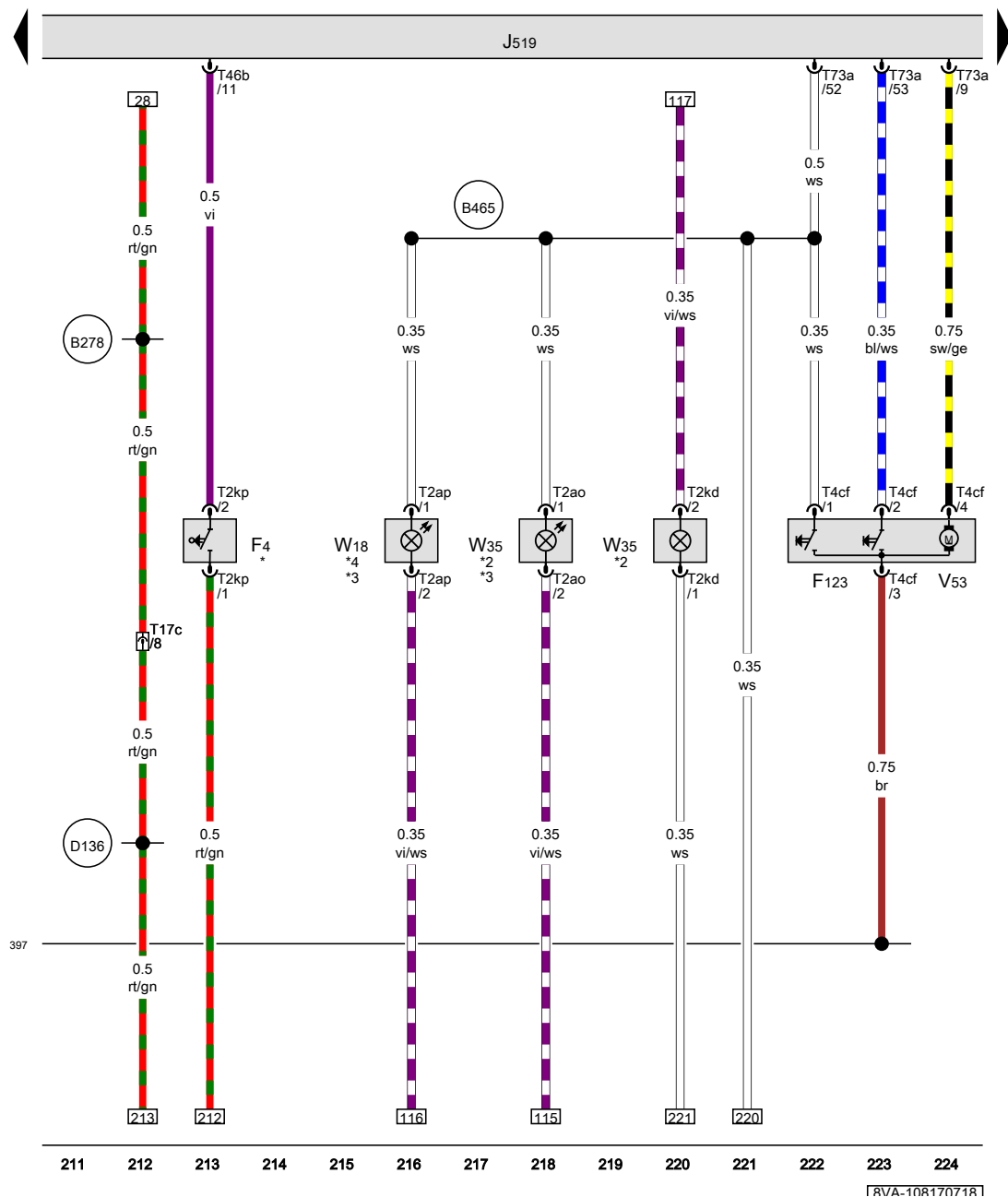
Onboard supply control unit, Right fog light bulb, Rear left turn signal bulb, Rear right turn signal bulb, Left brake and tail light bulb, Right brake and tail light bulb, High-level brake light bulb

- C24 Suppression filter
- J519 Onboard supply control unit
- L23 Right fog light bulb
- M6 Rear left turn signal bulb
- M8 Rear right turn signal bulb
- M21 Left brake and tail light bulb
- M22 Right brake and tail light bulb
- M25 High-level brake light bulb
- T2jw 2-pin connector
- T2ka 2-pin connector
- T2kb 2-pin connector
- T2kc 2-pin connector
- T2ki 2-pin connector
- T3bc 3-pin connector
- T3bd 3-pin connector
- T46b 46-pin connector
- T73a 73-pin connector
- T73c 73-pin connector
- X4 Left number plate light
- X5 Right number plate light

- 57 Earth point, rear left pillar
- 75 Earth point, rear right pillar
- 132 Earth connection 3, in engine compartment wiring harness
- 374 Earth connection 9, in main wiring harness
- 378 Earth connection 13, in main wiring harness
- 397 Earth connection 32, in main wiring harness
- B726 Positive connection 2 (58), in main wiring harness
- * For models with fog lights



E234	Rear lid handle release button
J519	Onboard supply control unit
M2	Right tail light bulb
M4	Left tail light bulb
M16	Left reversing light bulb
M17	Right reversing light bulb
M41	Left tail light and rear fog light bulb
M42	Right tail light and rear fog light bulb
T2ju	2-pin connector
T2kj	2-pin connector
T4ce	4-pin connector
T4cm	4-pin connector
T4cn	4-pin connector
T6bv	6-pin connector
T46b	46-pin connector
T73a	73-pin connector
T73c	73-pin connector
V12	Rear window wiper motor
V59	Windscreen and rear window washer pump
397	Earth connection 32, in main wiring harness
B182	Connection (RL), in interior wiring harness
*	For RS 3 models
*2	Wiring colour depends on equipment

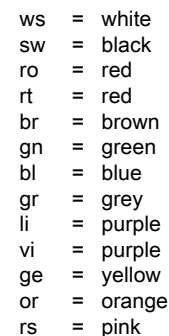


Reversing light switch, Rear lid contact switch for anti-theft alarm, Onboard supply control unit, Rear lid central locking motor

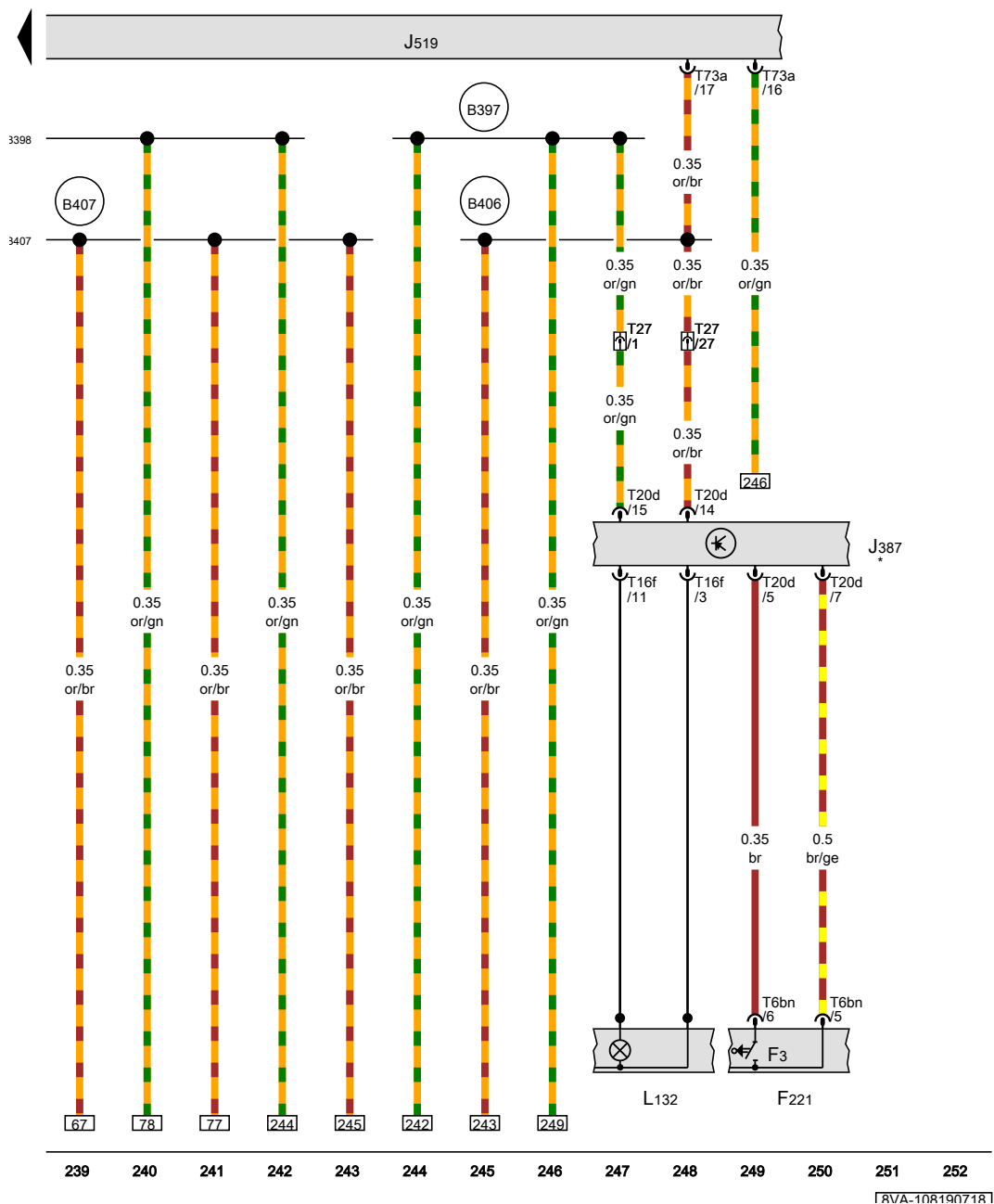
- F4 Reversing light switch
- F123 Rear lid contact switch for anti-theft alarm
- J519 Onboard supply control unit
- T2ao 2-pin connector
- T2ap 2-pin connector
- T2kd 2-pin connector
- T2kp 2-pin connector
- T4cf 4-pin connector
- T17c 17-pin connector
- T46b 46-pin connector
- T73a 73-pin connector
- V53 Rear lid central locking motor
- W18 Left luggage compartment light
- W35 Right luggage compartment light

- 397 Earth connection 32, in main wiring harness
- B278 Positive connection 2 (15a) in main wiring harness
- B465 Connection 1, in main wiring harness
- D136 Positive connection 2 (15a), in engine compartment wiring harness
- * For models with manual gearbox
- *2 According to equipment
- *3 Pre-wired component
- *4 If fitted

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



F2	Driver door contact switch
F34	Brake fluid level warning contact
F66	Coolant shortage indicator switch
F220	Driver side central locking lock unit
G17	Ambient temperature sensor
G33	Windscreen washer fluid level sender
J386	Driver door control unit
J519	Onboard supply control unit
L131	Driver side turn signal repeater bulb
T2ke	2-pin connector
T2kf	2-pin connector
T2kg	2-pin connector
T2kh	2-pin connector
T4i	4-pin connector
T6bv	6-pin connector
T8ak	8-pin connector
T16e	16-pin connector
T20c	20-pin connector
T27a	27-pin connector
T46b	46-pin connector
327	Earth connection (sender earth), in engine compartment wiring harness
B398	Connection 2 (convenience CAN bus, high), in main wiring harness
B407	Connection 2 (convenience CAN bus, low), in main wiring harness
*	For models with no hybrid drive system
*2	According to equipment
*3	see applicable current flow diagram for convenience system
*4	Wiring colour depends on equipment
*5	For RS 3 models



Front passenger side central locking lock unit, Front passenger door control unit, Onboard supply control unit, Front passenger side turn signal repeater bulb

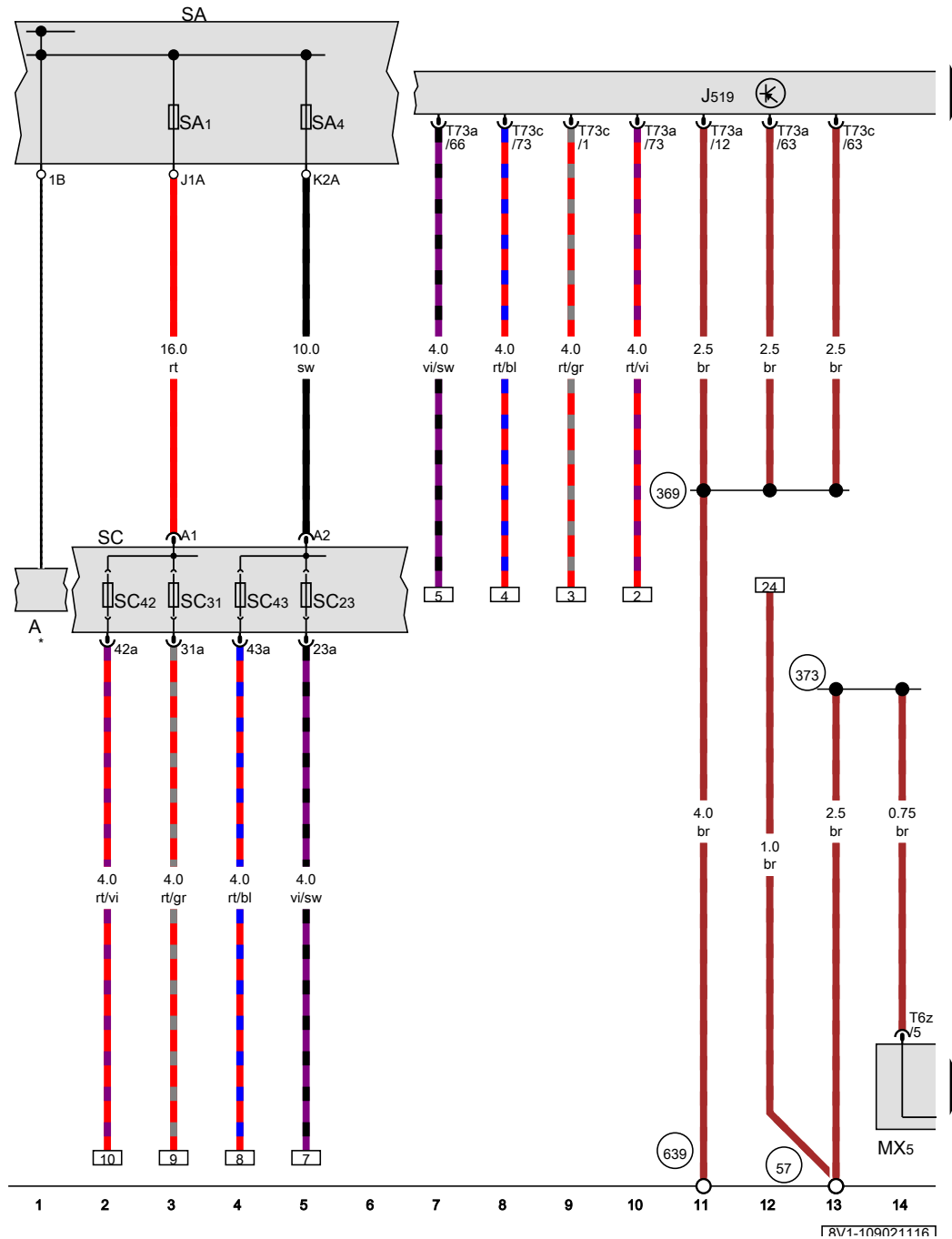
- F3 Front passenger door contact switch
- F221 Front passenger side central locking lock unit
- J387 Front passenger door control unit
- J519 Onboard supply control unit
- L132 Front passenger side turn signal repeater bulb
- T6bn 6-pin connector
- T16f 16-pin connector
- T20d 20-pin connector
- T27 27-pin connector
- T73a 73-pin connector
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness
- * see applicable current flow diagram for convenience system

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

Tail light cluster with LED , (8SP),(8SK)

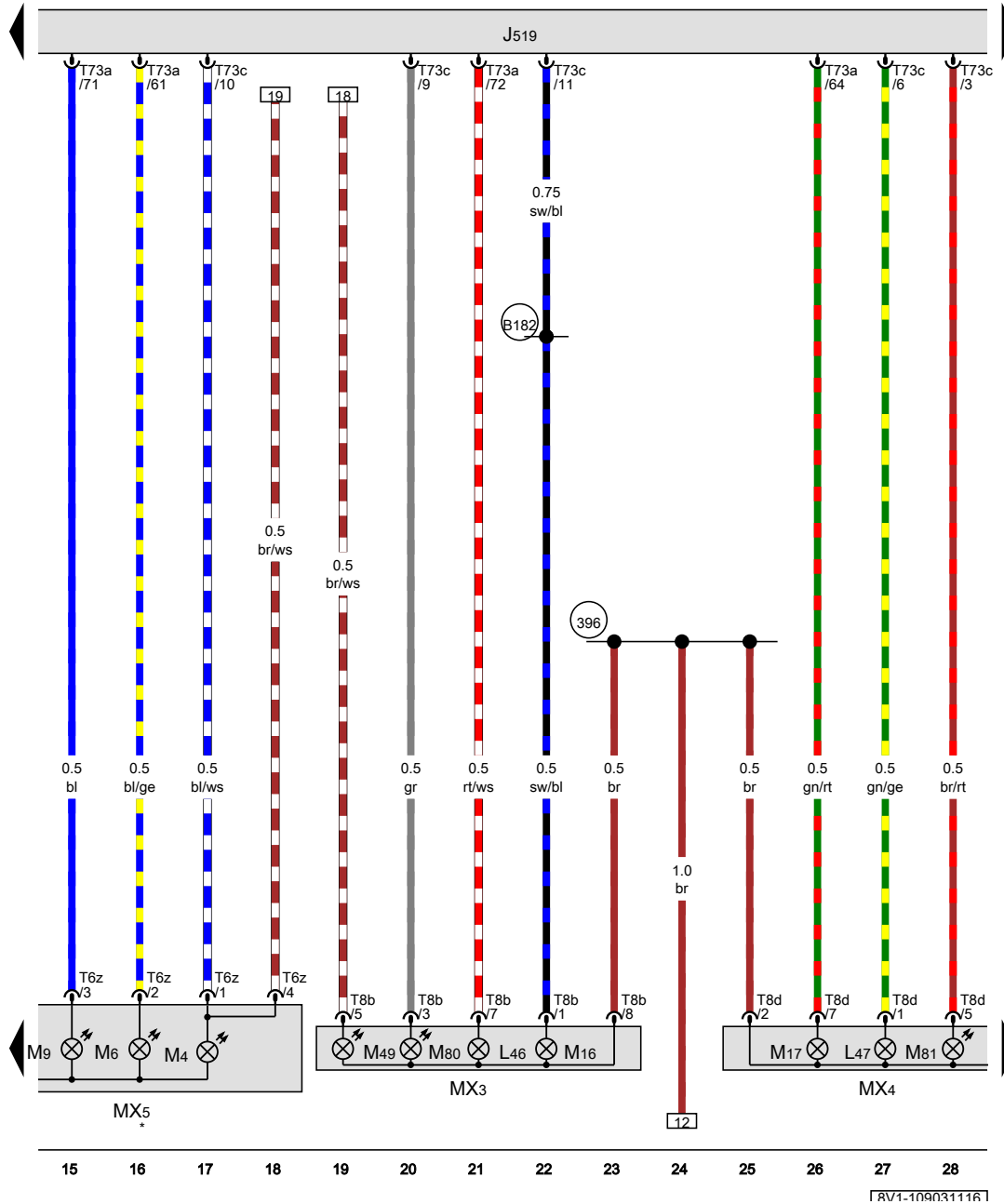
From November 2014

Onboard supply control unit, Left tail light 2, Fuse holder C



- A Battery
- J519 Onboard supply control unit
- MX5 Left tail light 2
- SA Fuse holder A
- SA1 Fuse 1 on fuse holder A
- SA4 Fuse 4 on fuse holder A
- SC Fuse holder C
- SC23 Fuse 23 on fuse holder C
- SC31 Fuse 31 on fuse holder C
- SC42 Fuse 42 on fuse holder C
- SC43 Fuse 43 on fuse holder C
- T6z 6-pin connector
- T73a 73-pin connector
- T73c 73-pin connector
- 57 Earth point, rear left pillar
- 369 Earth connection 4, in main wiring harness
- 373 Earth connection 8, in main wiring harness
- 639 Earth point, left A-pillar
- * see applicable current flow diagram for battery in engine compartment

Onboard supply control unit, Left tail light, Right tail light, Left tail light 2



- J519 Onboard supply control unit
- L46 Rear left fog light bulb
- L47 Rear right fog light bulb
- MX3 Left tail light
- M4 Left tail light bulb
- MX4 Right tail light
- MX5 Left tail light 2
- M6 Rear left turn signal bulb
- M9 Left brake light bulb
- M16 Left reversing light bulb
- M17 Right reversing light bulb
- M49 Left tail light bulb 2
- M80 Bulb 2 for rear left turn signal
- M81 Bulb 2 for rear right turn signal
- T6z 6-pin connector
- T8b 8-pin connector
- T8d 8-pin connector
- T73a 73-pin connector
- T73c 73-pin connector

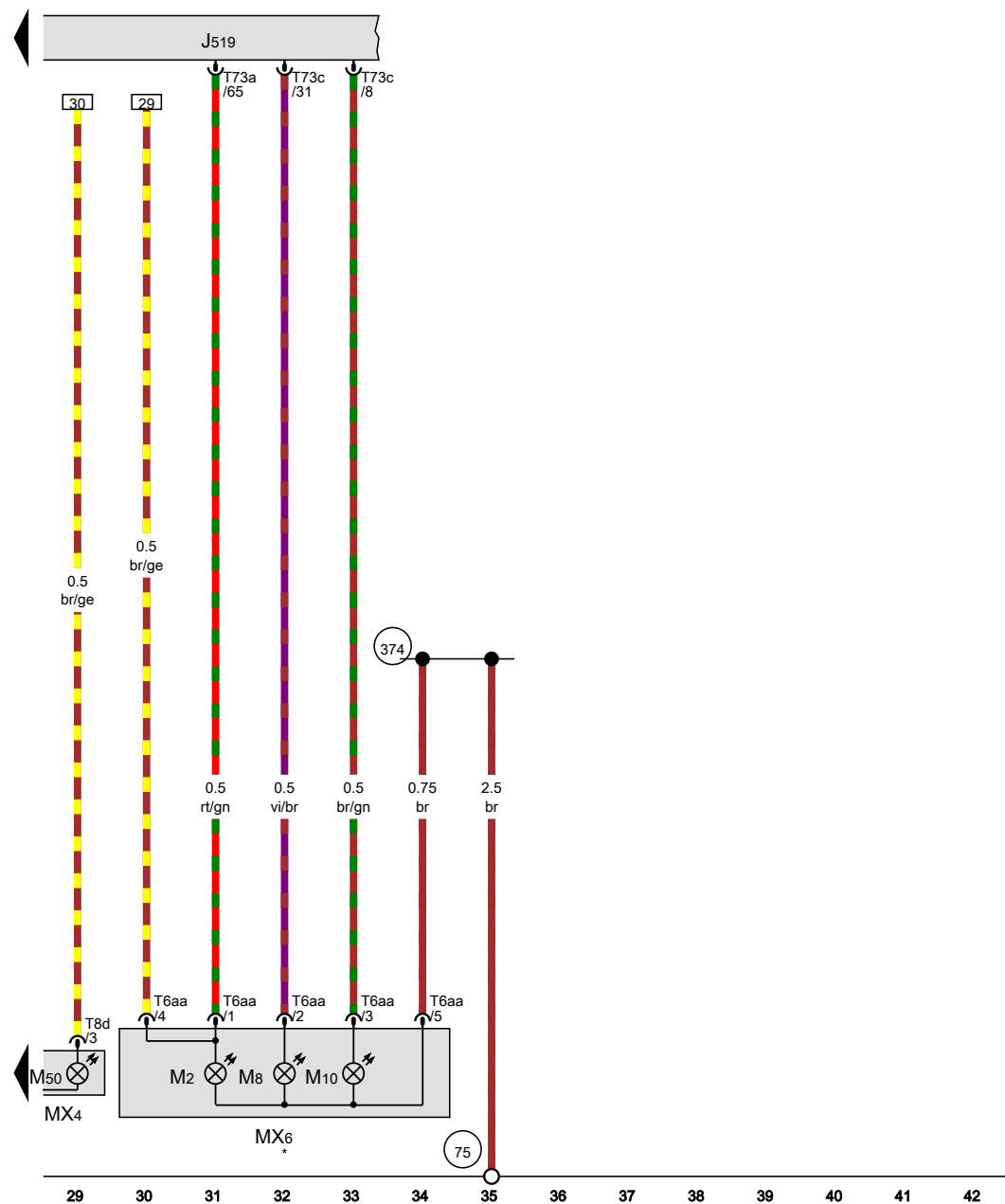
396 Earth connection 31, in main wiring harness

B182 Connection (RL), in interior wiring harness

* Pre-wired component

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

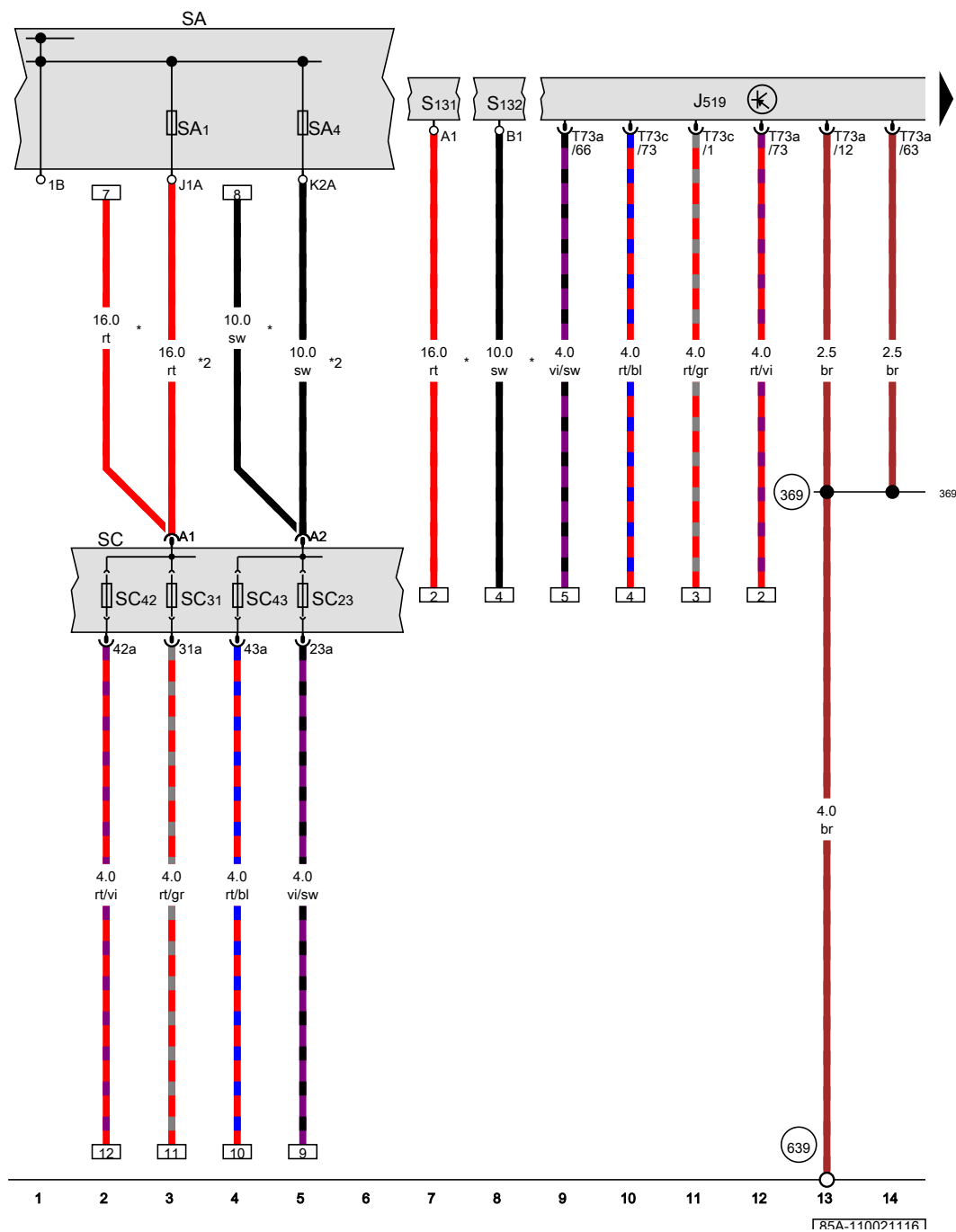
Onboard supply control unit, Right tail light, Right tail light 2



- J519 Onboard supply control unit
- M2 Right tail light bulb
- MX4 Right tail light
- MX6 Right tail light 2
- M8 Rear right turn signal bulb
- M10 Right brake light bulb
- M50 Right tail light bulb 2
- T6aa 6-pin connector
- T8d 8-pin connector
- T73a 73-pin connector
- T73c 73-pin connector
- 75 Earth point, rear right pillar
- 374 Earth connection 9, in main wiring harness
- * Pre-wired component

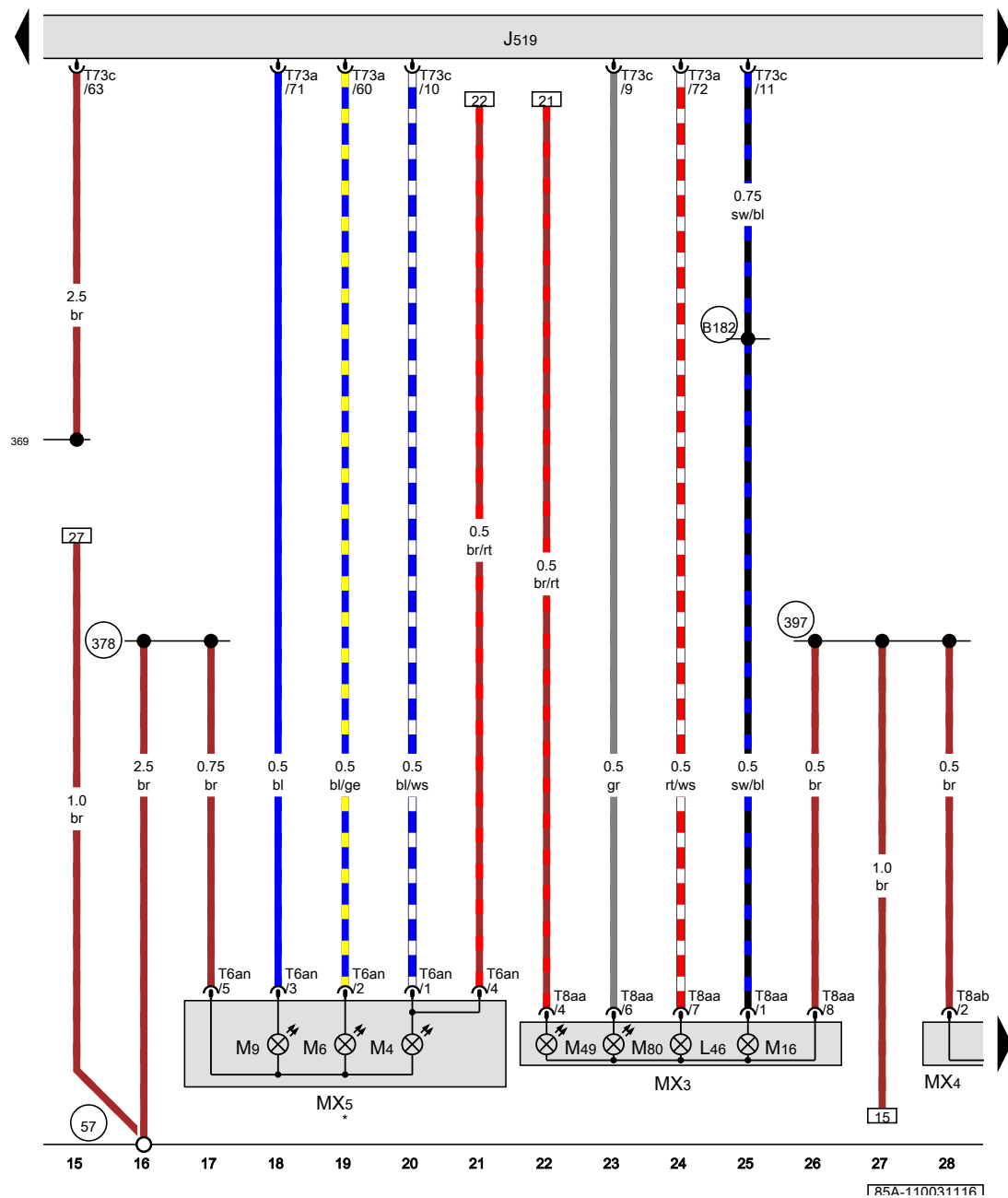
Tail light cluster with LED , (8SP),(8SK)

From November 2014



Onboard supply control unit, Fuse holder C

- J519 Onboard supply control unit
- S131 Fuse 1
- S132 Fuse 2
- SA Fuse holder A
- SA1 Fuse 1 on fuse holder A
- SA4 Fuse 4 on fuse holder A
- SC Fuse holder C
- SC23 Fuse 23 on fuse holder C
- SC31 Fuse 31 on fuse holder C
- SC42 Fuse 42 on fuse holder C
- SC43 Fuse 43 on fuse holder C
- T73a 73-pin connector
- T73c 73-pin connector
- 369 Earth connection 4, in main wiring harness
- 639 Earth point, left A-pillar
- * Only for RS 3 models
- *2 Not for RS 3 models



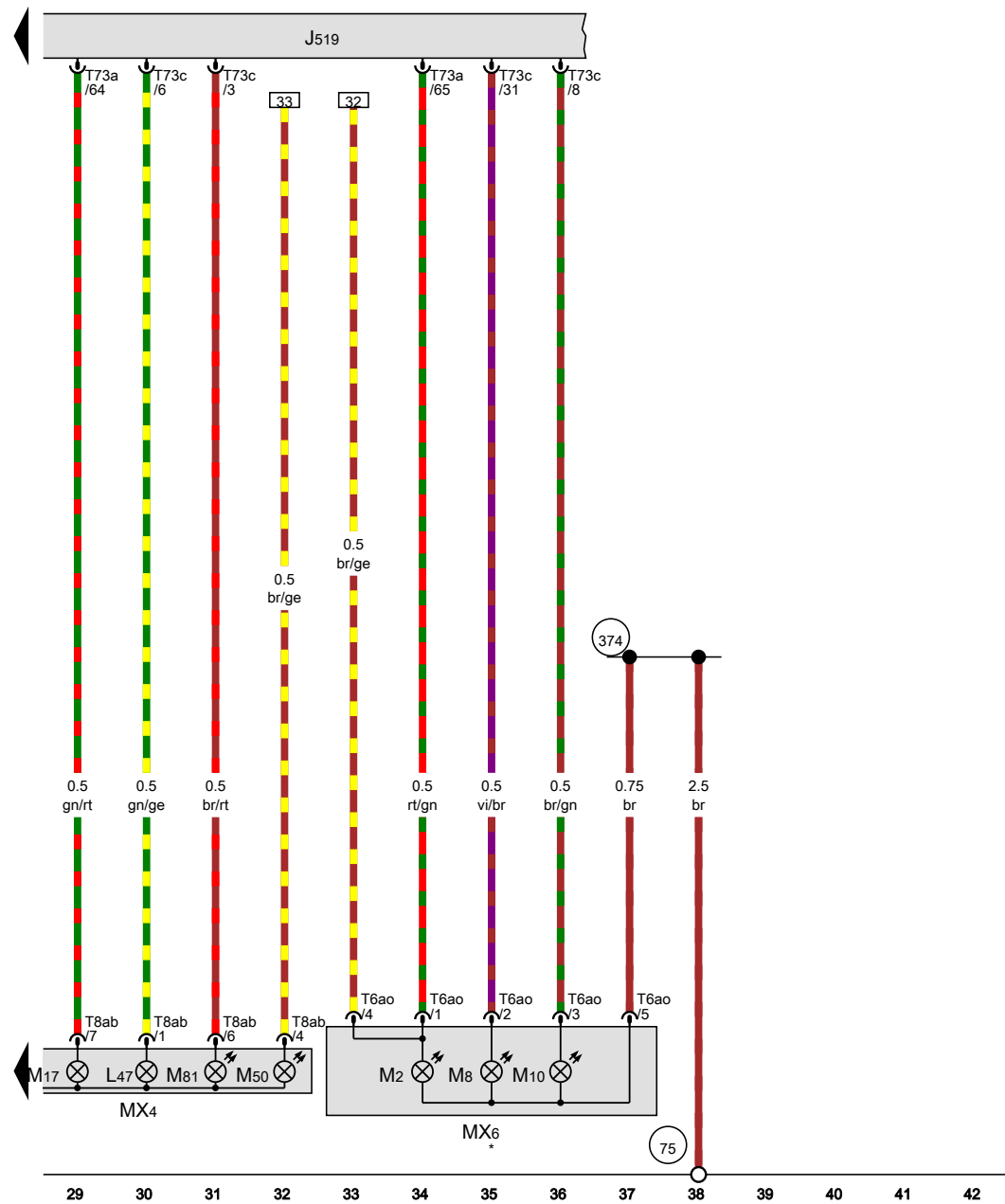
Onboard supply control unit, Left tail light, Right tail light, Left tail light 2

- J519 Onboard supply control unit
- L46 Rear left fog light bulb
- MX3 Left tail light
- M4 Left tail light bulb
- MX4 Right tail light
- MX5 Left tail light 2
- M6 Rear left turn signal bulb
- M9 Left brake light bulb
- M16 Left reversing light bulb
- M49 Left tail light bulb 2
- M80 Bulb 2 for rear left turn signal
- T6an 6-pin connector
- T8aa 8-pin connector
- T8ab 8-pin connector
- T73a 73-pin connector
- T73c 73-pin connector

- 57 Earth point, rear left pillar
- 369 Earth connection 4, in main wiring harness
- 378 Earth connection 13, in main wiring harness
- 397 Earth connection 32, in main wiring harness
- B182 Connection (RL), in interior wiring harness
- * Pre-wired component

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

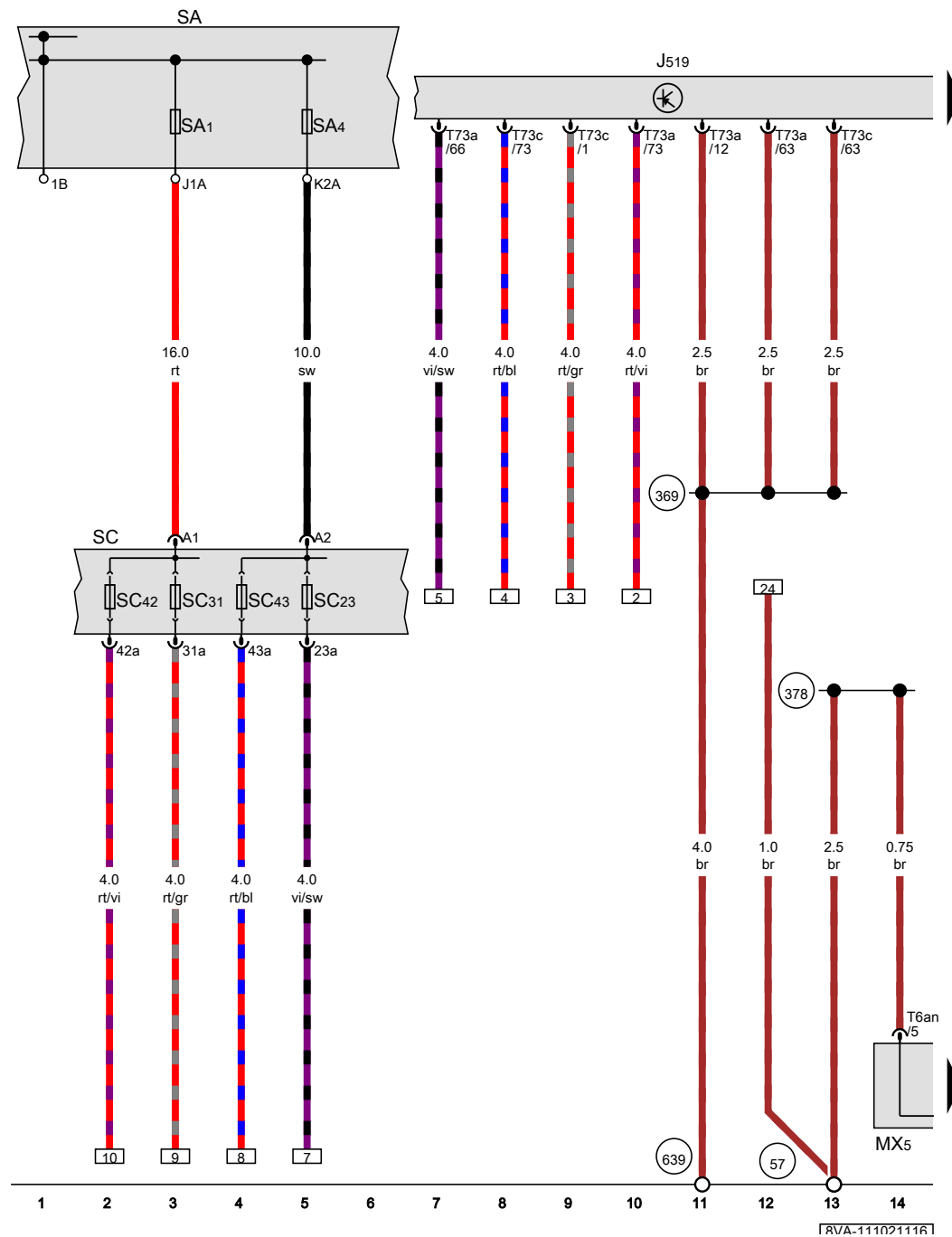
Onboard supply control unit, Right tail light, Right tail light 2



- J519 Onboard supply control unit
- L47 Rear right fog light bulb
- M2 Right tail light bulb
- MX4 Right tail light
- MX6 Right tail light 2
- M8 Rear right turn signal bulb
- M10 Right brake light bulb
- M17 Right reversing light bulb
- M50 Right tail light bulb 2
- M81 Bulb 2 for rear right turn signal
- T6ao 6-pin connector
- T8ab 8-pin connector
- T73a 73-pin connector
- T73c 73-pin connector
- 75 Earth point, rear right pillar
- 374 Earth connection 9, in main wiring harness
- * Pre-wired component

Tail light cluster with LED, only models with US equipment , (8SP),(8SK),(5C1)

From November 2014

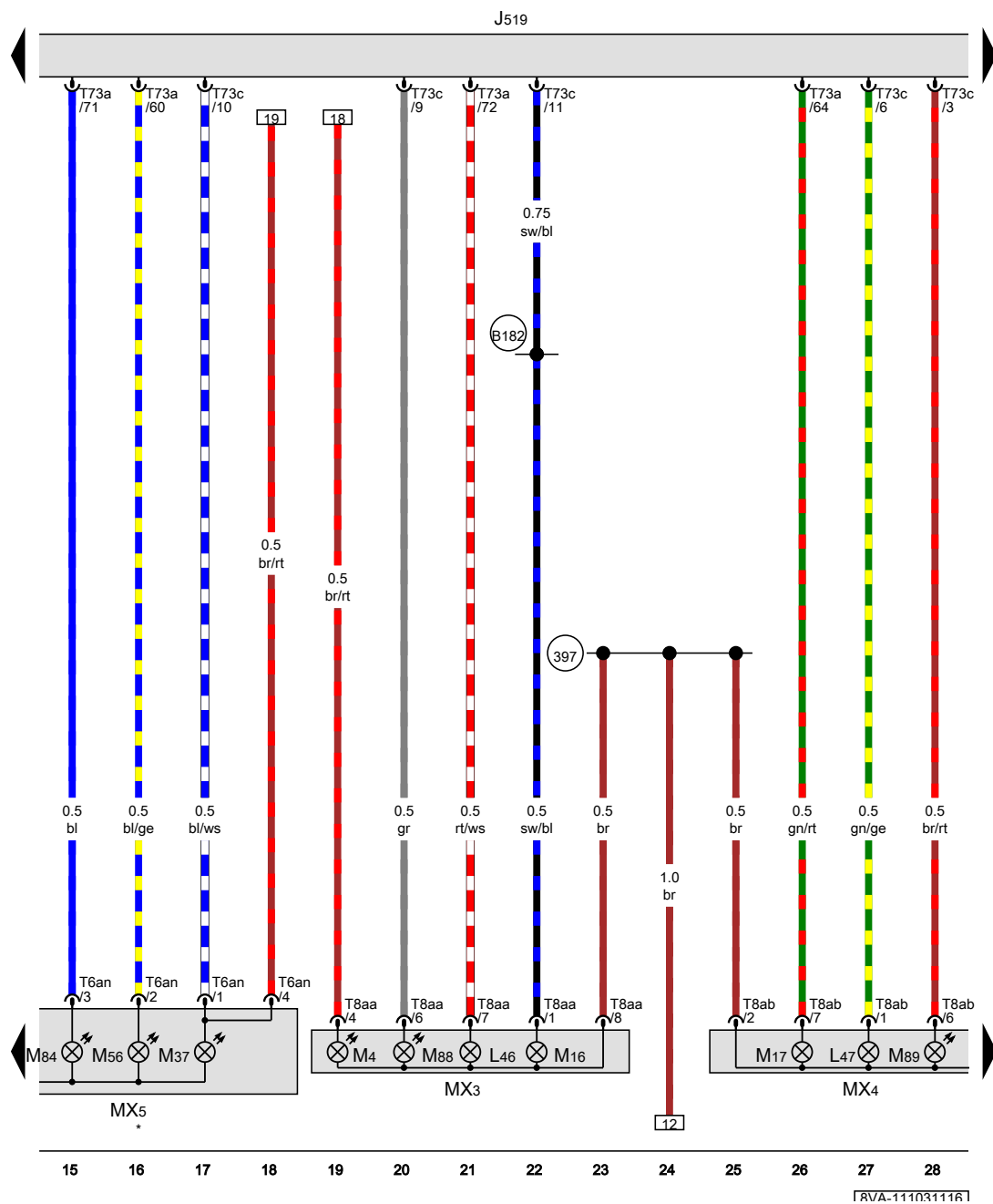


Onboard supply control unit, Left tail light 2, Fuse holder C

J519 Onboard supply control unit
 MX5 Left tail light 2
 SA Fuse holder A
 SA1 Fuse 1 on fuse holder A
 SA4 Fuse 4 on fuse holder A
 SC Fuse holder C
 SC23 Fuse 23 on fuse holder C
 SC31 Fuse 31 on fuse holder C
 SC42 Fuse 42 on fuse holder C
 SC43 Fuse 43 on fuse holder C
 T6an 6-pin connector
 T73a 73-pin connector
 T73c 73-pin connector

- 57 Earth point, rear left pillar
- 369 Earth connection 4, in main wiring harness
- 378 Earth connection 13, in main wiring harness
- 639 Earth point, left A-pillar

Onboard supply control unit, Left tail light, Right tail light, Left tail light 2



- J519 Onboard supply control unit
- L46 Rear left fog light bulb
- L47 Rear right fog light bulb
- MX3 Left tail light
- M4 Left tail light bulb
- MX4 Right tail light
- MX5 Left tail light 2
- M16 Left reversing light bulb
- M17 Right reversing light bulb
- M37 Rear left side marker bulb
- M56 Left brake and turn signal bulb
- M84 Left brake and turn signal bulb 2
- M88 Left brake and turn signal bulb 3
- M89 Right brake and turn signal bulb 3
- T6an 6-pin connector
- T8aa 8-pin connector
- T8ab 8-pin connector
- T73a 73-pin connector
- T73c 73-pin connector

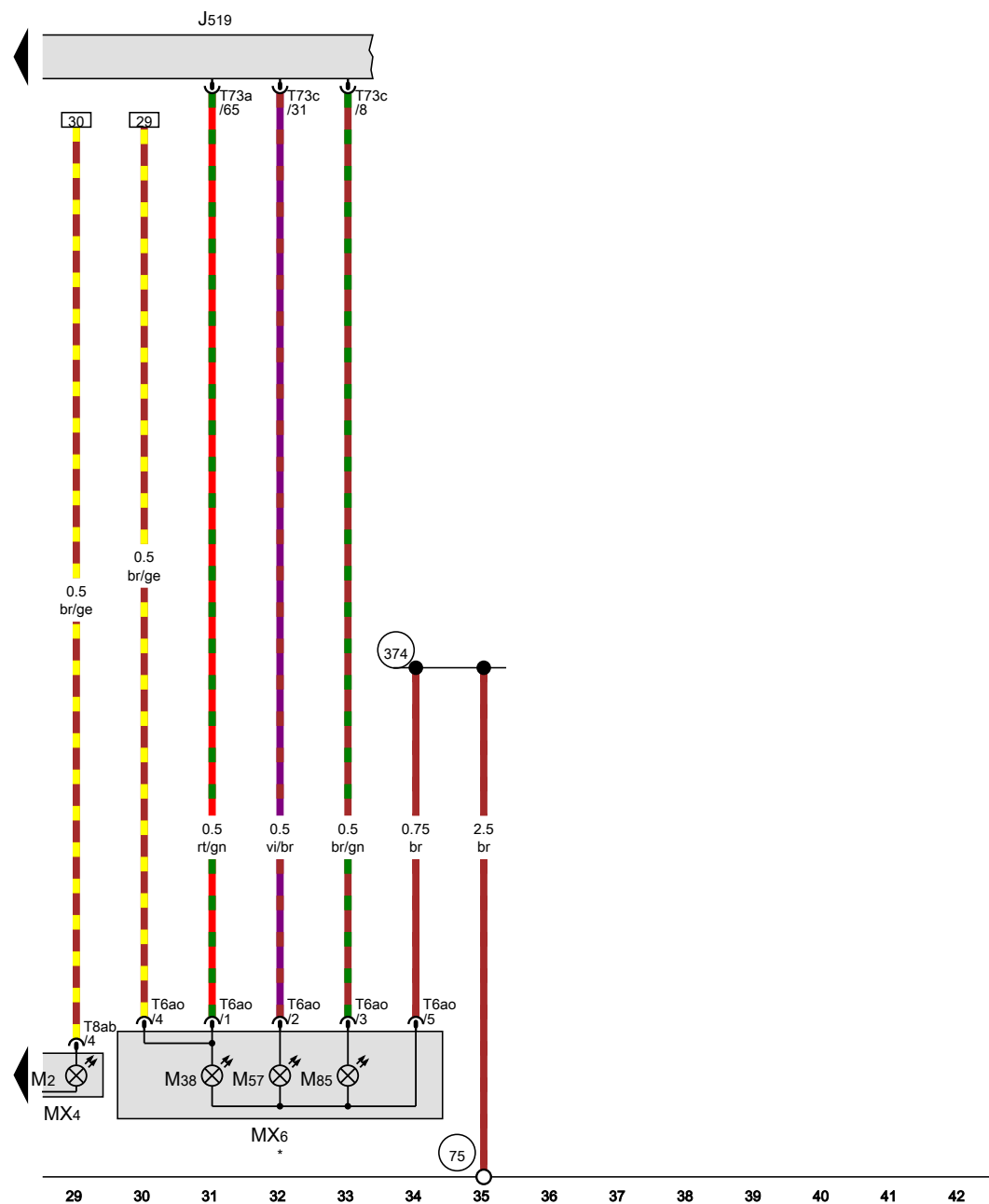
397 Earth connection 32, in main wiring harness

B182 Connection (RL), in interior wiring harness

* Pre-wired component

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

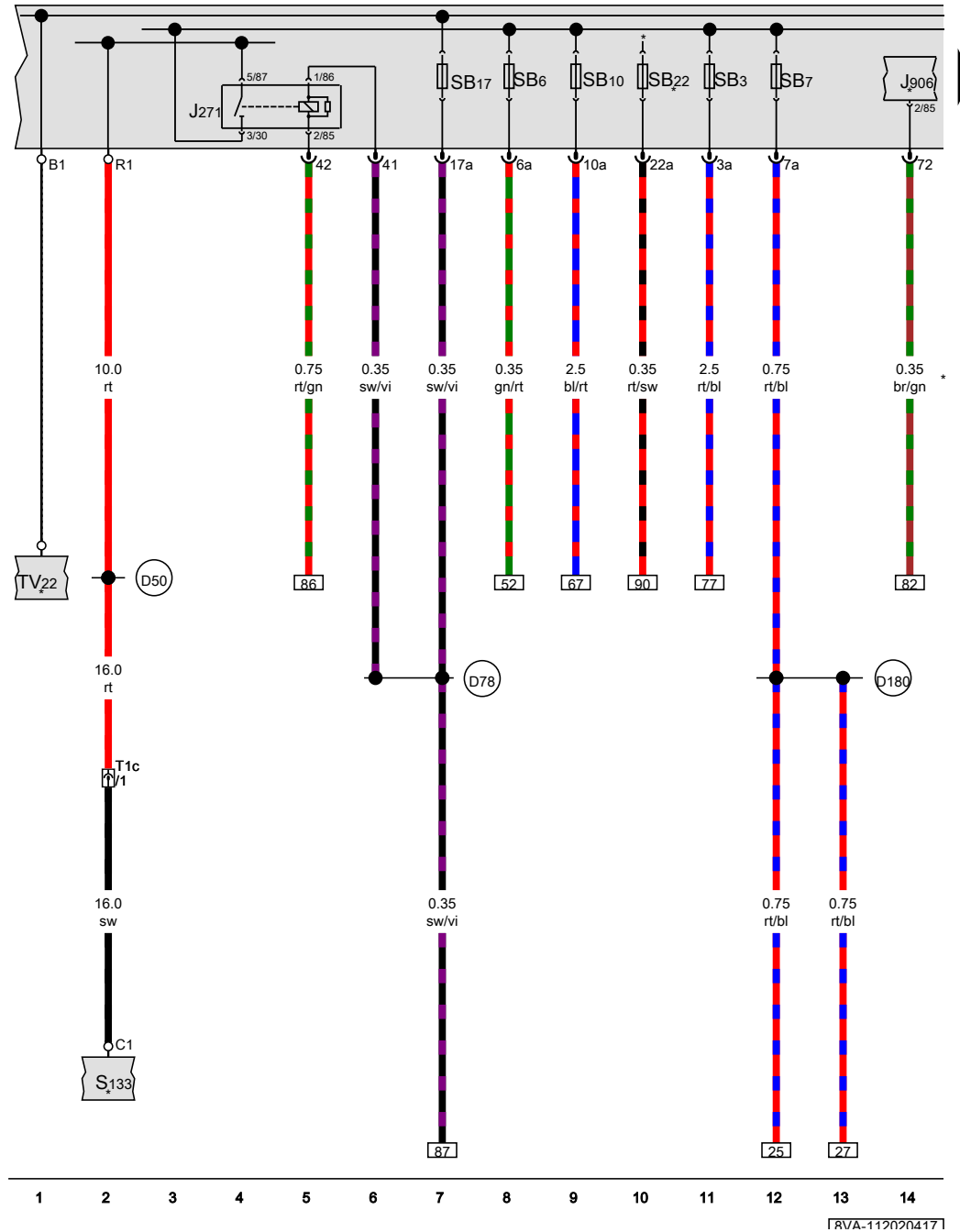
Onboard supply control unit, Right tail light, Right tail light 2



[8VA-111041116]

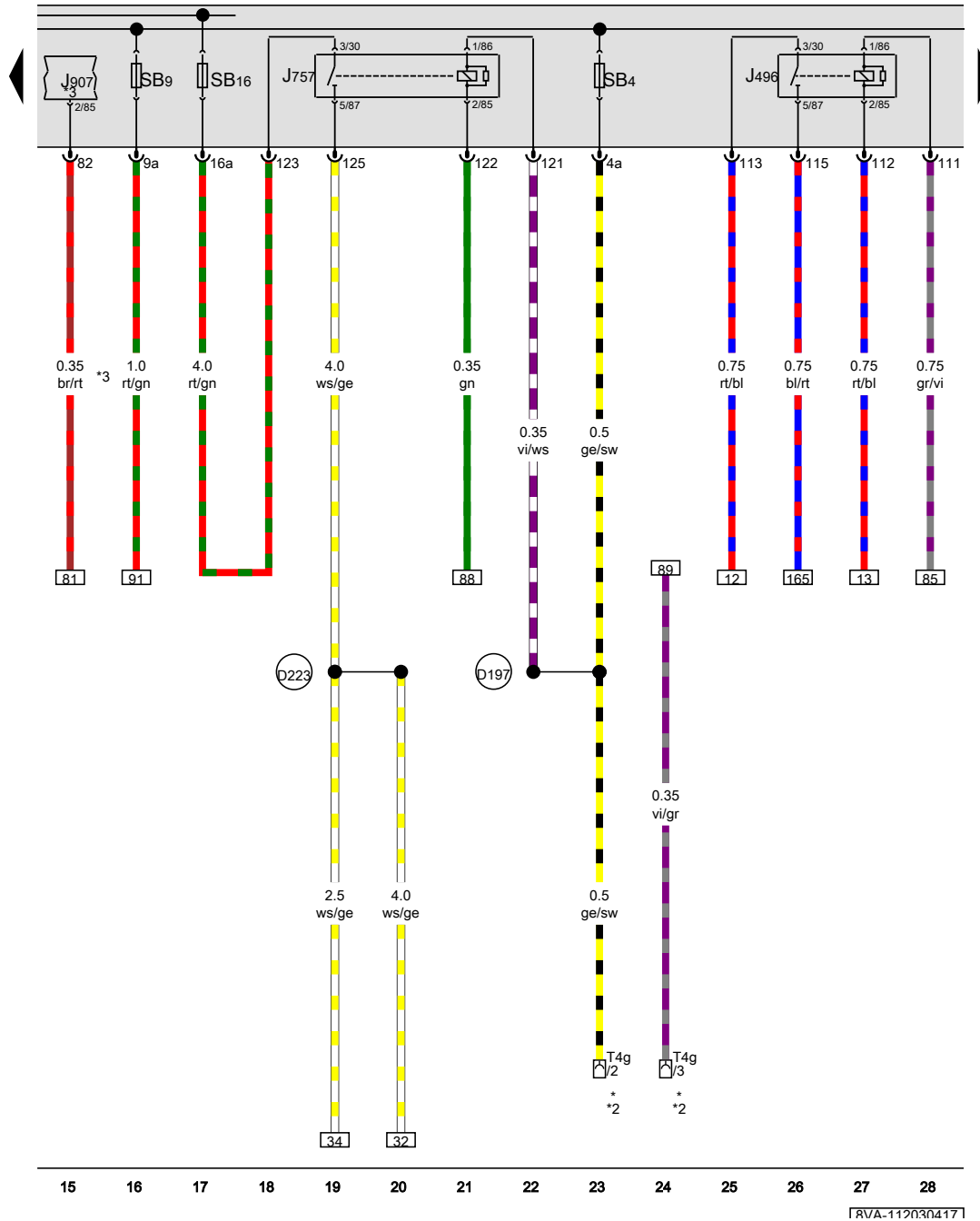
2.5l petrol engine , CZGB

From February 2015



Main relay, Starter relay 1

- J271 Main relay
- J906 Starter relay 1
- SB3 Fuse 3 on fuse holder B
- SB6 Fuse 6 on fuse holder B
- SB7 Fuse 7 on fuse holder B
- SB10 Fuse 10 on fuse holder B
- SB17 Fuse 17 on fuse holder B
- SB22 Fuse 22 on fuse holder B
- S133 Fuse 3
- T1c 1-pin connector
- TV22 Terminal 30 wiring junction 2
- D50 Positive connection (30), in engine compartment wiring harness
- D78 Positive connection 1 (30a), in engine compartment wiring harness
- D180 Connection (87a), in engine compartment wiring harness
- * see applicable current flow diagram for battery



Additional coolant pump relay, Engine component current supply relay, Starter relay 2

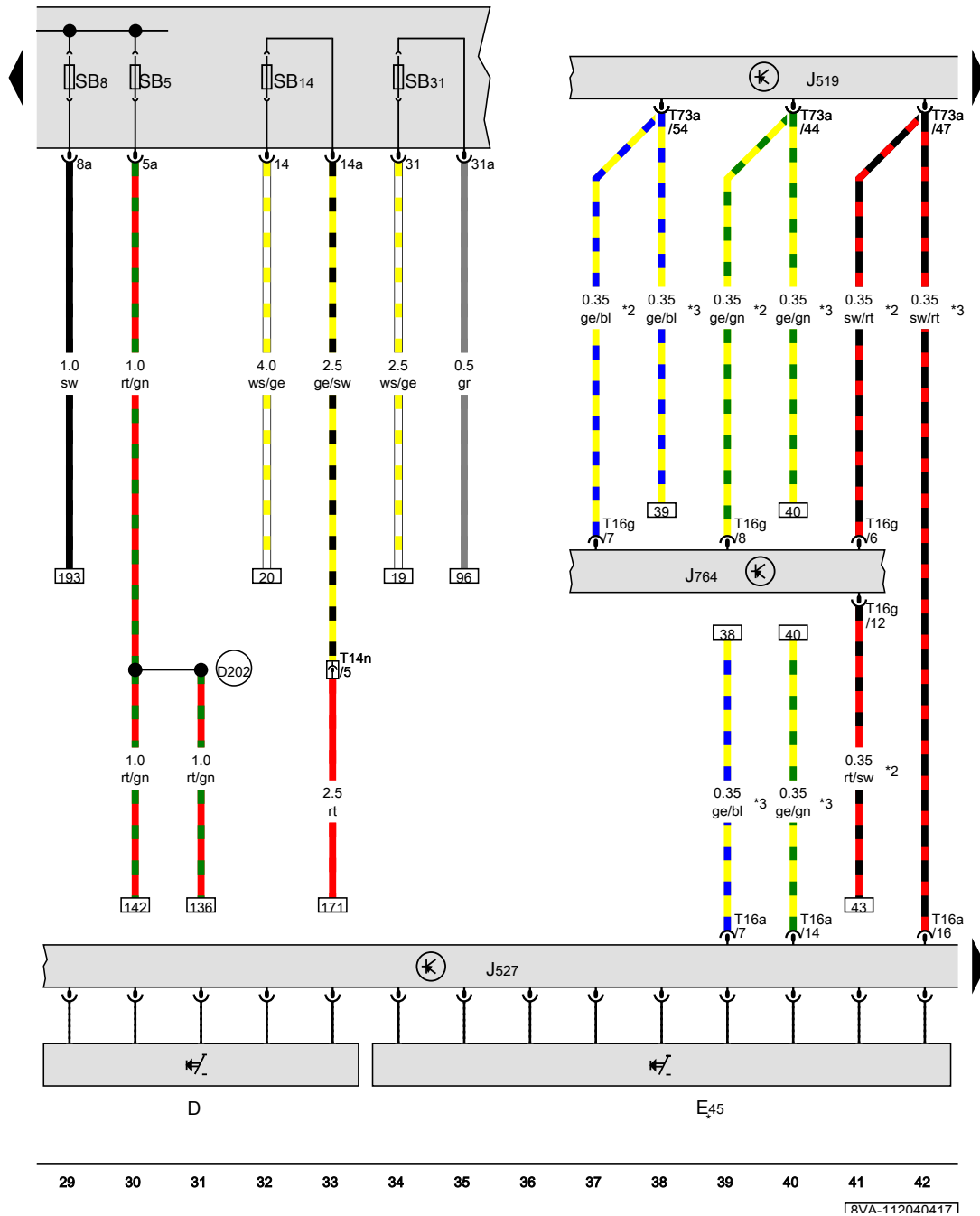
- J496 Additional coolant pump relay
- J757 Engine component current supply relay
- J907 Starter relay 2
- SB4 Fuse 4 on fuse holder B
- SB9 Fuse 9 on fuse holder B
- SB16 Fuse 16 on fuse holder B
- T4g 4-pin connector

D197 Connection 5 (87a), in engine compartment wiring harness

D223 Connection 11 (87a), in engine compartment wiring harness

- * Radiator fan connection
- *2 see applicable current flow diagram for radiator fan
- *3 see applicable current flow diagram for battery

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

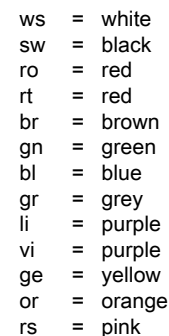


Ignition/starter switch, Cruise control system switch, Onboard supply control unit, Steering column electronics control unit, Fuse 8 on fuse holder B

- D Ignition/starter switch
- E45 Cruise control system switch
- J519 Onboard supply control unit
- J527 Steering column electronics control unit
- J764 Control unit for electronic steering column lock
- SB5 Fuse 5 on fuse holder B
- SB8 Fuse 8 on fuse holder B
- SB14 Fuse 14 on fuse holder B
- SB31 Fuse 31 on fuse holder B
- T14n 14-pin connector
- T16a 16-pin connector
- T16g 16-pin connector
- T73a 73-pin connector

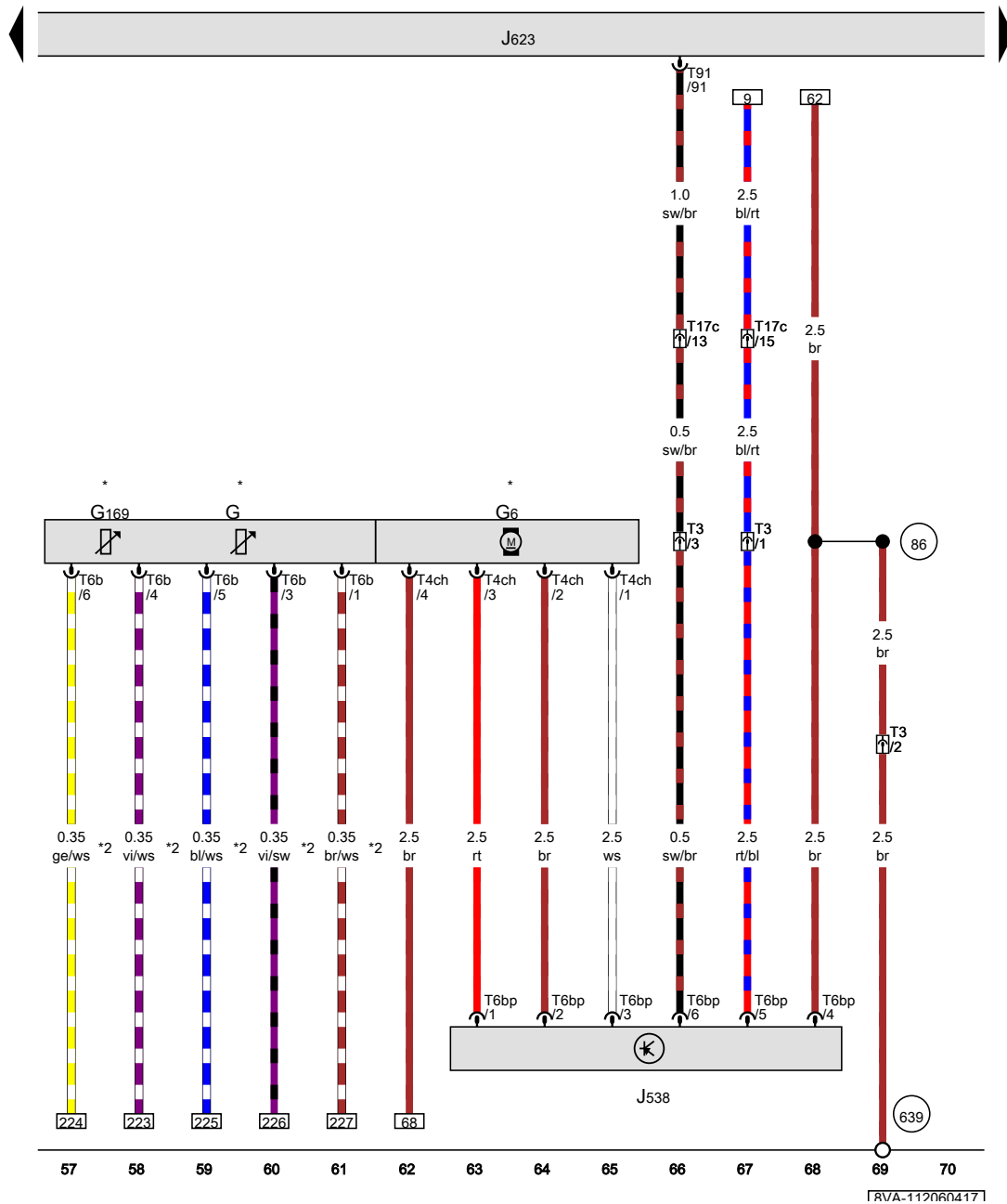
D202 Connection 6 (87a), in engine compartment wiring harness

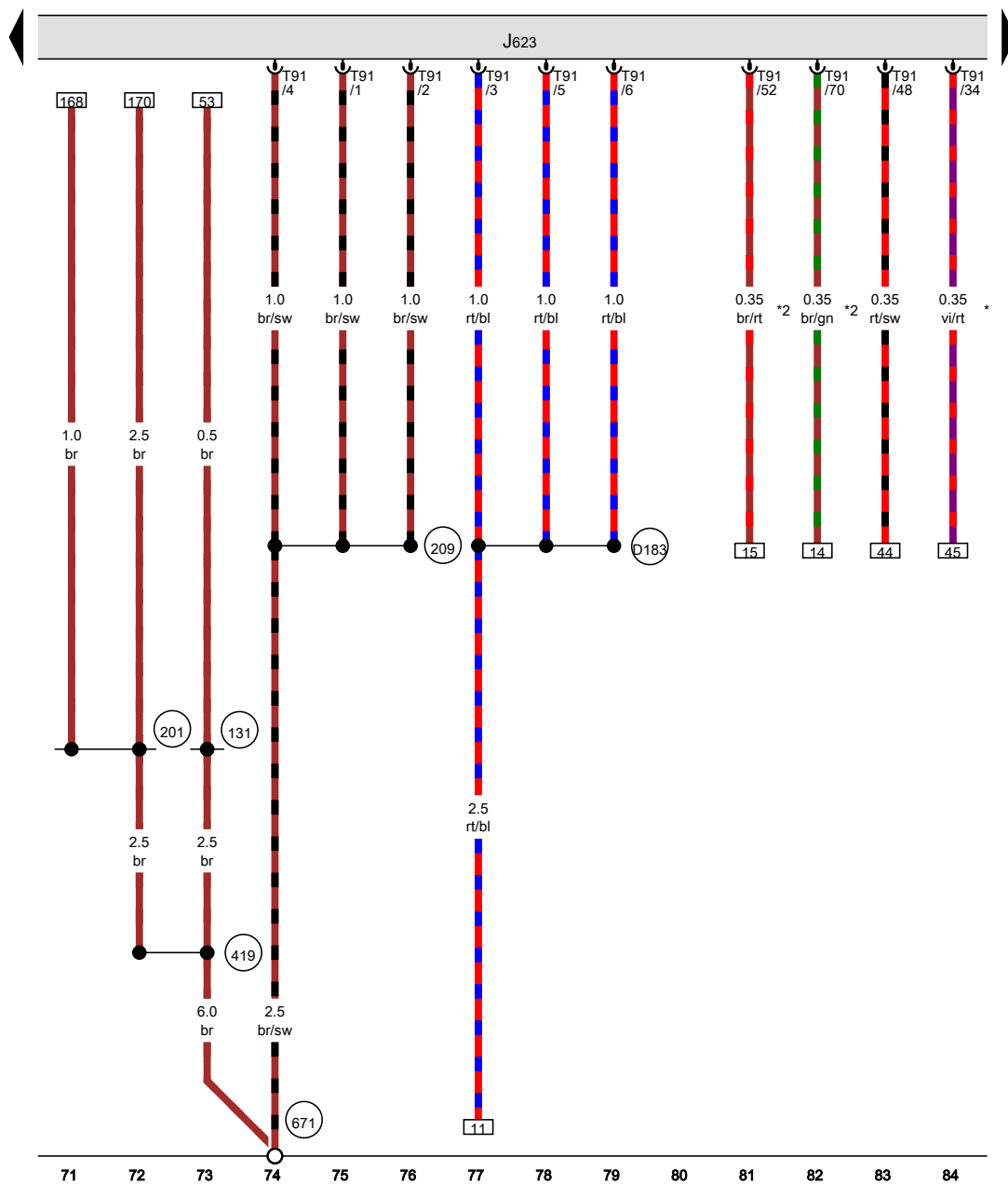
- * Only models with cruise control system (CCS)
- *2 Only models with entry and start authorisation
- *3 Only models with no entry and start authorisation



*5 Only models with no entry and start authorisation

Fuel gauge sender, Fuel system pressurisation pump, Fuel pump control unit, Engine control unit





Engine control unit

J623 Engine control unit

T91 91-pin connector

131 Earth connection 2, in engine compartment wiring harness

201 Earth connection 5, in engine compartment wiring harness

209 Earth connection 6, in engine compartment wiring harness

419 Earth connection 11, in engine compartment wiring harness

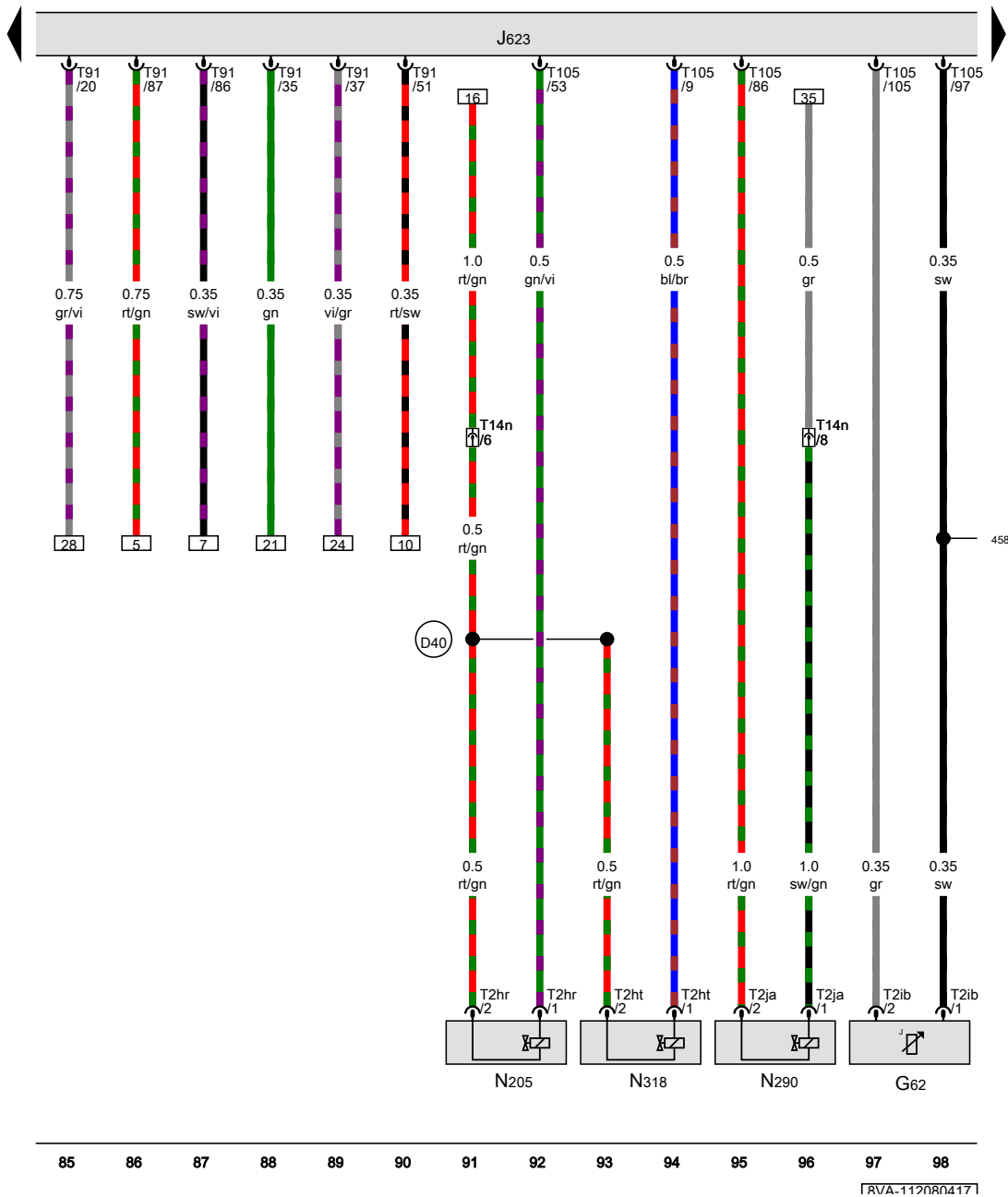
671 Earth point 1, on front of left longitudinal member

D183 Connection 4 (87a), in engine compartment wiring harness

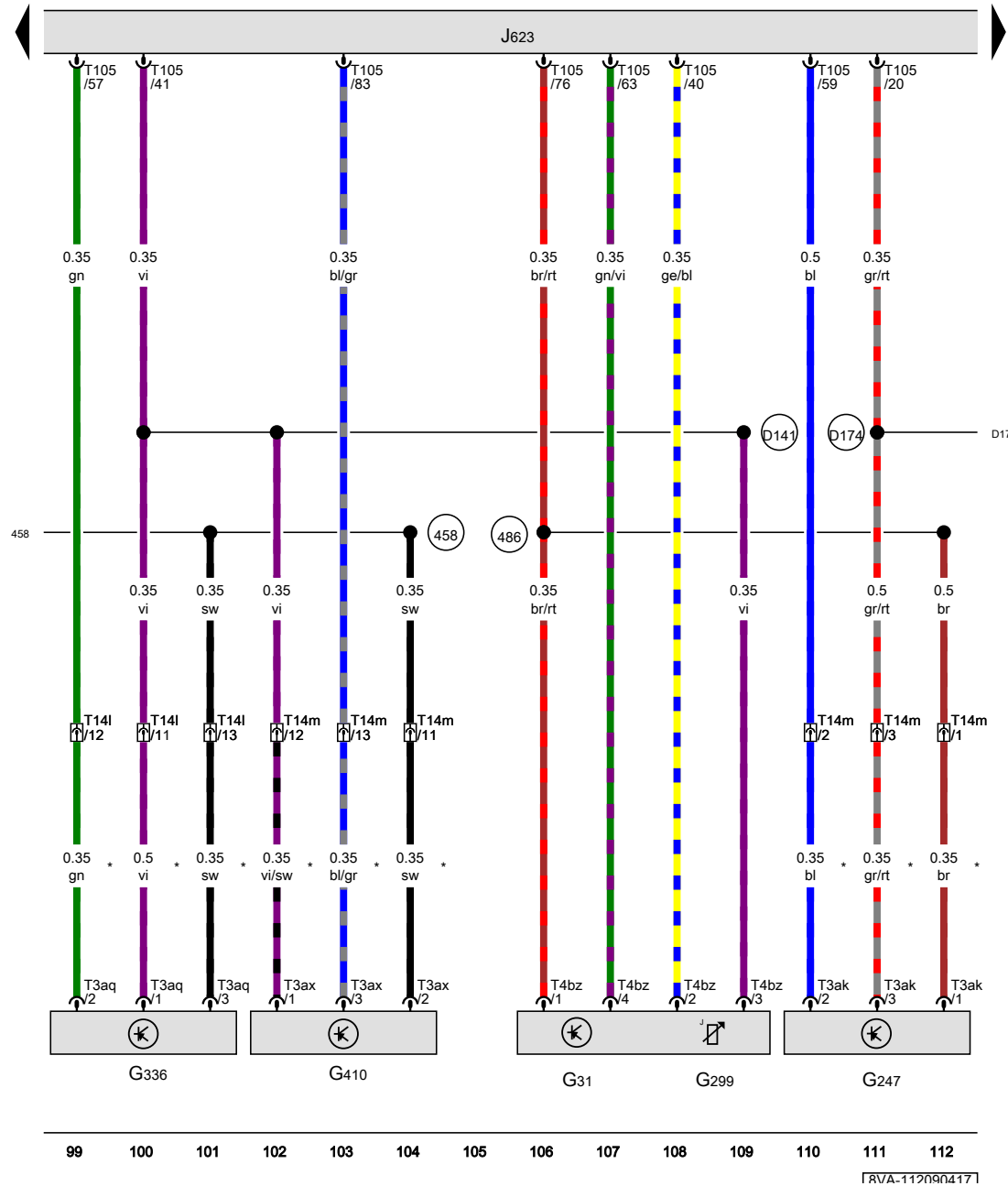
* Only models with cruise control system (CCS)

*2 see applicable current flow diagram for battery

Coolant temperature sender, Engine control unit, Camshaft control valve 1, Fuel metering valve, Exhaust camshaft control valve 1



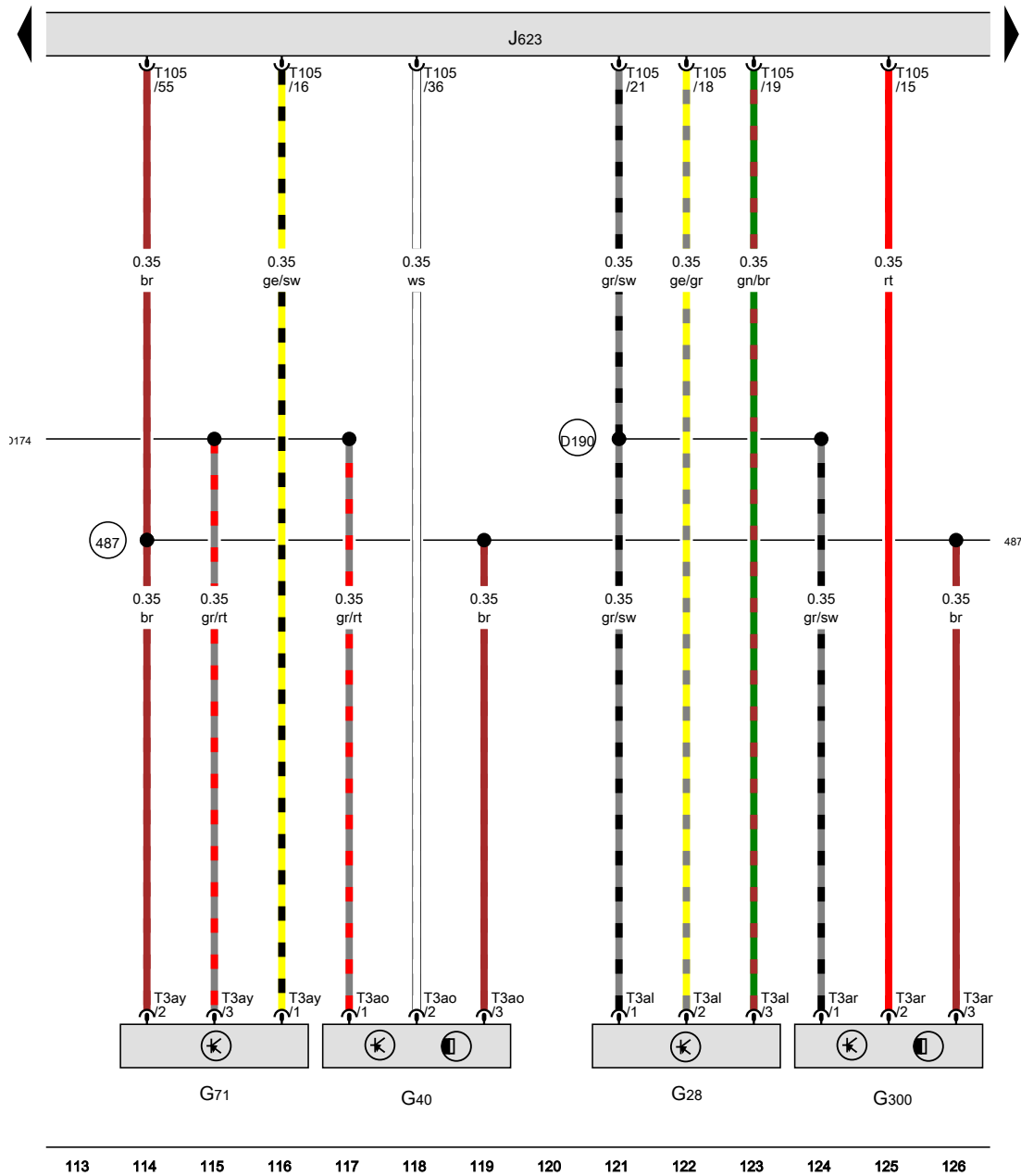
- G62 Coolant temperature sender
- J623 Engine control unit
- N205 Camshaft control valve 1
- N290 Fuel metering valve
- N318 Exhaust camshaft control valve 1
- T2hr 2-pin connector
- T2ht 2-pin connector
- T2ib 2-pin connector
- T2ja 2-pin connector
- T14n 14-pin connector
- T91 91-pin connector
- T105 105-pin connector
- 458 Earth point 3, engine prewiring harness
- D40 Connection 2, in engine prewiring harness



Charge pressure sender, Fuel pressure sender, Intake air temperature sender 2, Intake manifold flap potentiometer, Fuel pressure sender for low pressure, Engine control unit

- G31 Charge pressure sender
- G247 Fuel pressure sender
- G299 Intake air temperature sender 2
- G336 Intake manifold flap potentiometer
- G410 Fuel pressure sender for low pressure
- J623 Engine control unit
- T3ak 3-pin connector
- T3aq 3-pin connector
- T3ax 3-pin connector
- T4bz 4-pin connector
- T14l 14-pin connector
- T14m 14-pin connector
- T105 105-pin connector

- 458 Earth point 3, engine prewiring harness
- 486 Earth point 4, engine prewiring harness
- D141 Connection (5V) in engine prewiring harness
- D174 Connection 2 (5V) in engine prewiring harness
- * Wiring colour depends on equipment



Engine speed sender, Hall sender, Intake manifold pressure sender, Hall sender 3, Engine control unit

- G28 Engine speed sender
- G40 Hall sender
- G71 Intake manifold pressure sender
- G300 Hall sender 3
- J623 Engine control unit
- T3al 3-pin connector
- T3ao 3-pin connector
- T3ar 3-pin connector
- T3ay 3-pin connector
- T105 105-pin connector

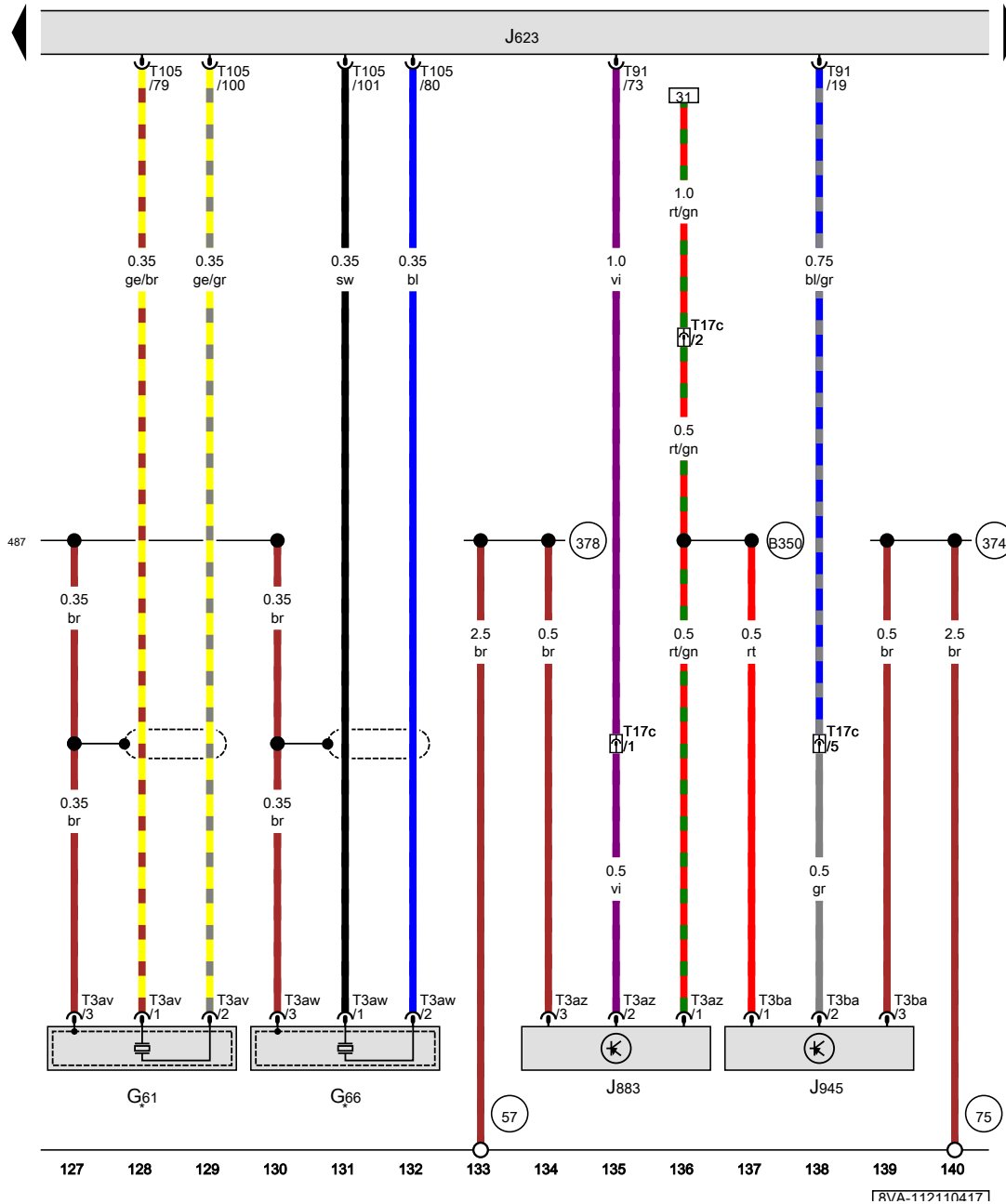
487 Earth point 5, engine prewiring harness

D174 Connection 2 (5V) in engine prewiring harness

D190 Connection 3 (5V) in engine prewiring harness

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

[8VA-112100417]



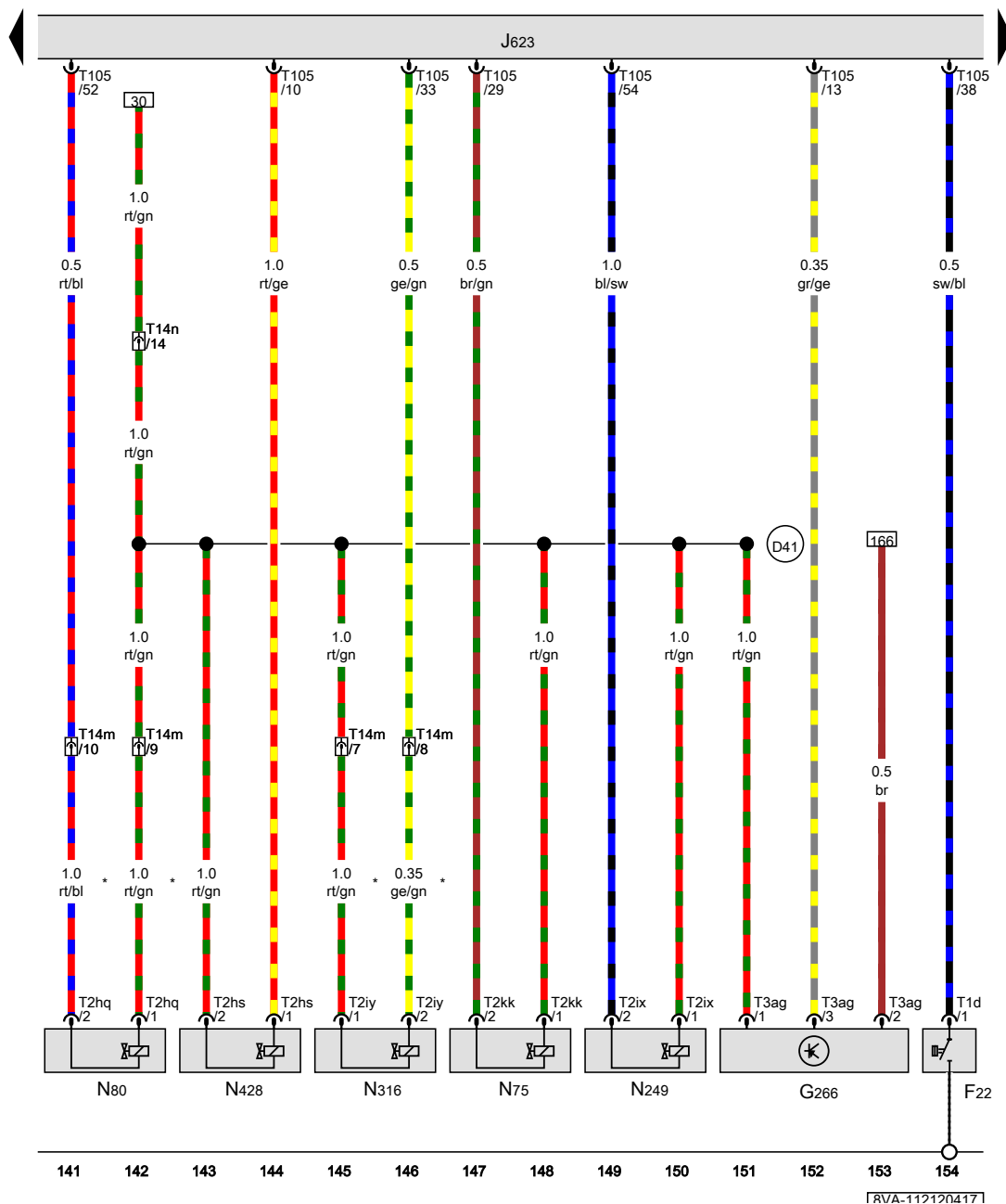
Knock sensor 1, Knock sensor 2, Engine control unit,
Exhaust flap control unit, Exhaust flap control unit 2

- G61 Knock sensor 1
- G66 Knock sensor 2
- J623 Engine control unit
- J883 Exhaust flap control unit
- J945 Exhaust flap control unit 2
- T3av 3-pin connector
- T3aw 3-pin connector
- T3az 3-pin connector
- T3ba 3-pin connector
- T17c 17-pin connector
- T91 91-pin connector
- T105 105-pin connector

- 57 Earth point, rear left pillar
- 75 Earth point, rear right pillar
- 374 Earth connection 9, in main wiring harness
- 378 Earth connection 13, in main wiring harness
- 487 Earth point 5, engine prewiring harness
- B350 Positive connection 1 (87a) in main wiring harness
- * Pre-wired component

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

[8VA-112110417]



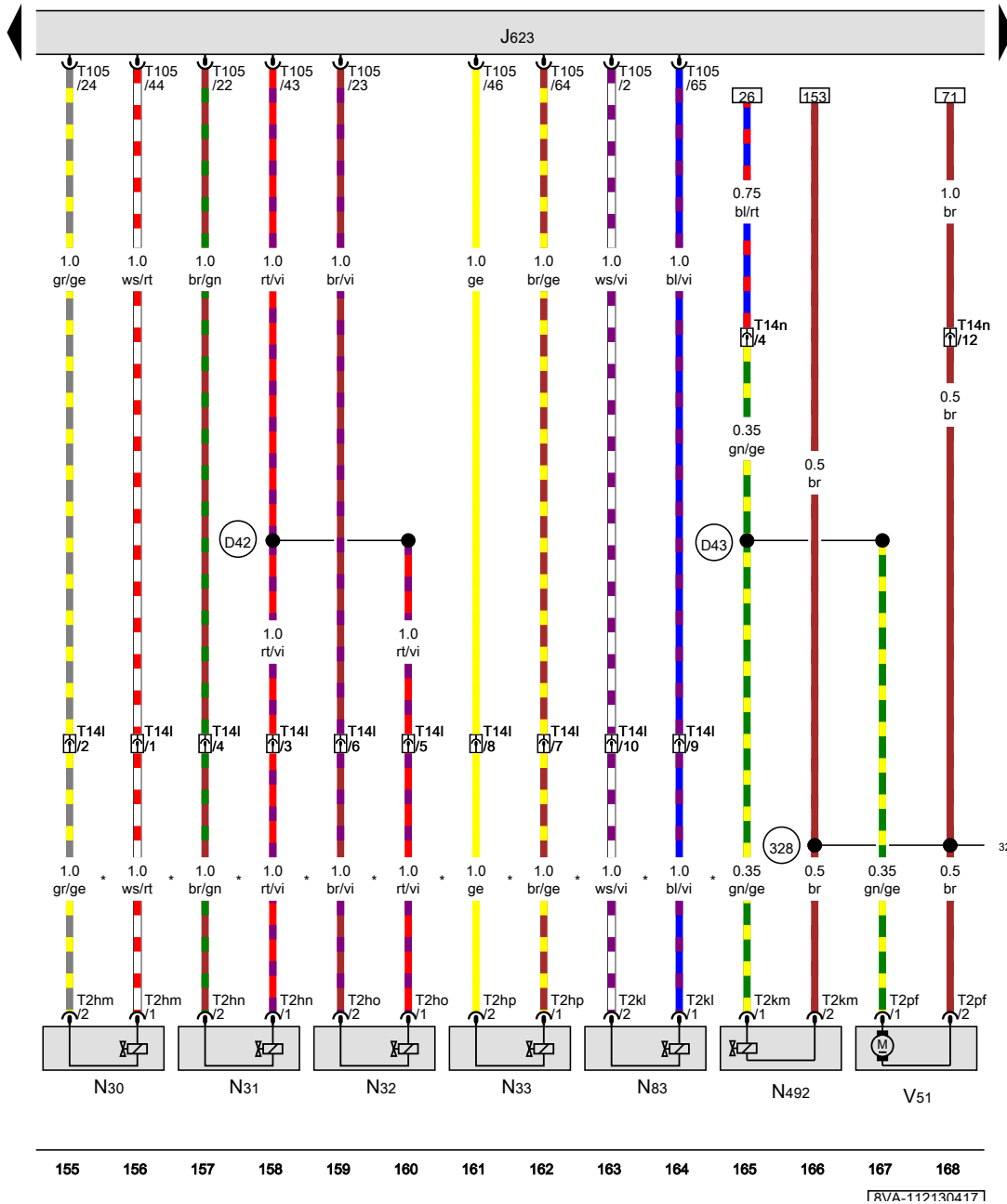
Oil pressure switch, Oil level and oil temperature sender, Engine control unit, Charge pressure control solenoid valve, Activated charcoal filter solenoid valve 1, Turbocharger air recirculation valve, Intake manifold flap valve, Valve for oil pressure control

- F22 Oil pressure switch
- G266 Oil level and oil temperature sender
- J623 Engine control unit
- N75 Charge pressure control solenoid valve
- N80 Activated charcoal filter solenoid valve 1
- N249 Turbocharger air recirculation valve
- N316 Intake manifold flap valve
- N428 Valve for oil pressure control
- T1d 1-pin connector
- T2hq 2-pin connector
- T2hs 2-pin connector
- T2ix 2-pin connector
- T2iy 2-pin connector
- T2kk 2-pin connector
- T3ag 3-pin connector
- T14m 14-pin connector
- T14n 14-pin connector
- T105 105-pin connector

D41 Connection 3, in engine prewiring harness

* Wiring colour depends on equipment

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4, Injector, cylinder 5, Solenoid for coolant circuit, Continued coolant circulation pump

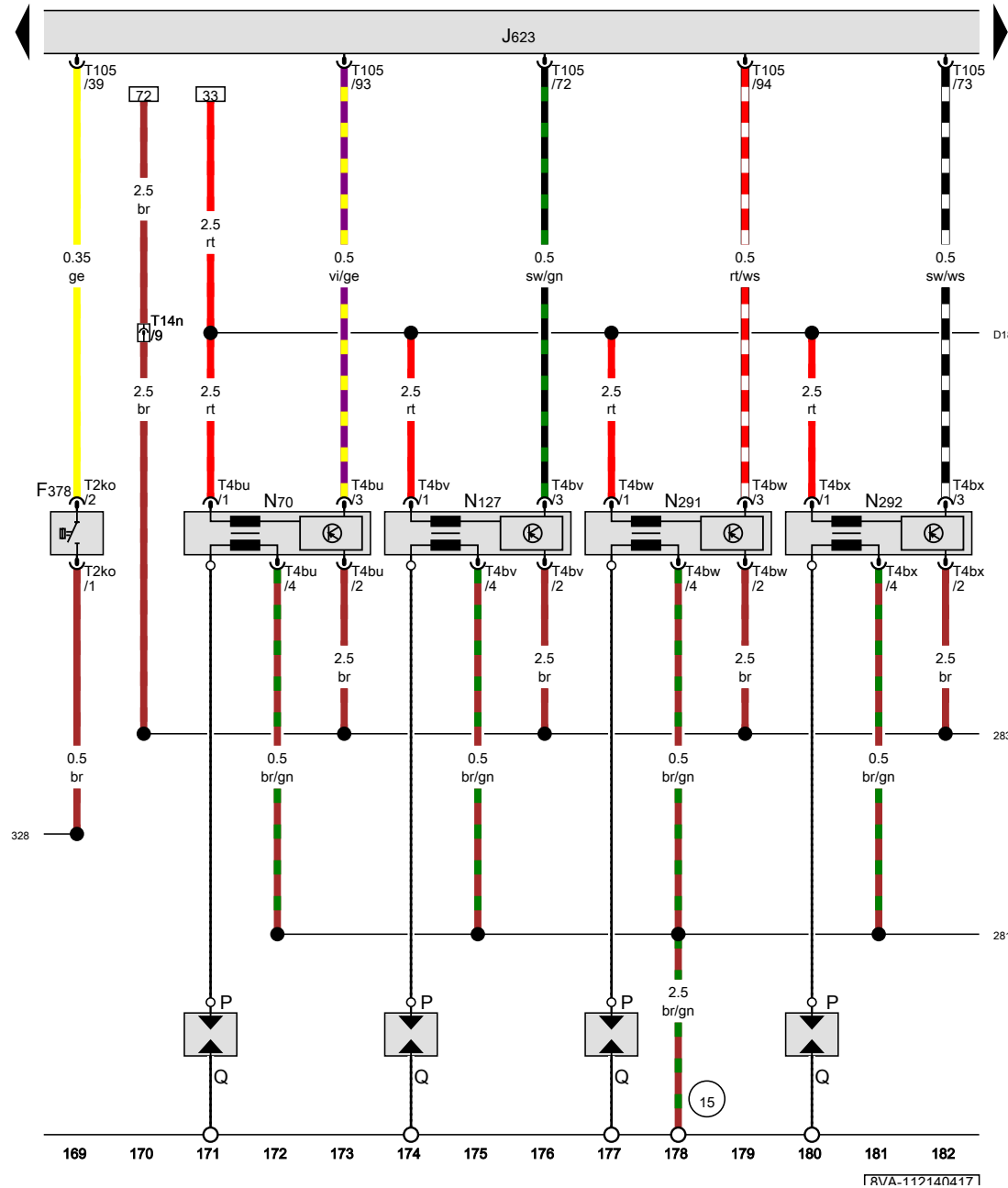
- J623 Engine control unit
- N30 Injector, cylinder 1
- N31 Injector, cylinder 2
- N32 Injector, cylinder 3
- N33 Injector, cylinder 4
- N83 Injector, cylinder 5
- N492 Solenoid for coolant circuit
- T2hm 2-pin connector
- T2hn 2-pin connector
- T2ho 2-pin connector
- T2hp 2-pin connector
- T2kl 2-pin connector
- T2km 2-pin connector
- T2pf 2-pin connector
- T14l 14-pin connector
- T14n 14-pin connector
- T105 105-pin connector
- V51 Continued coolant circulation pump

328 Earth connection 2 (sender earth), in engine compartment wiring harness

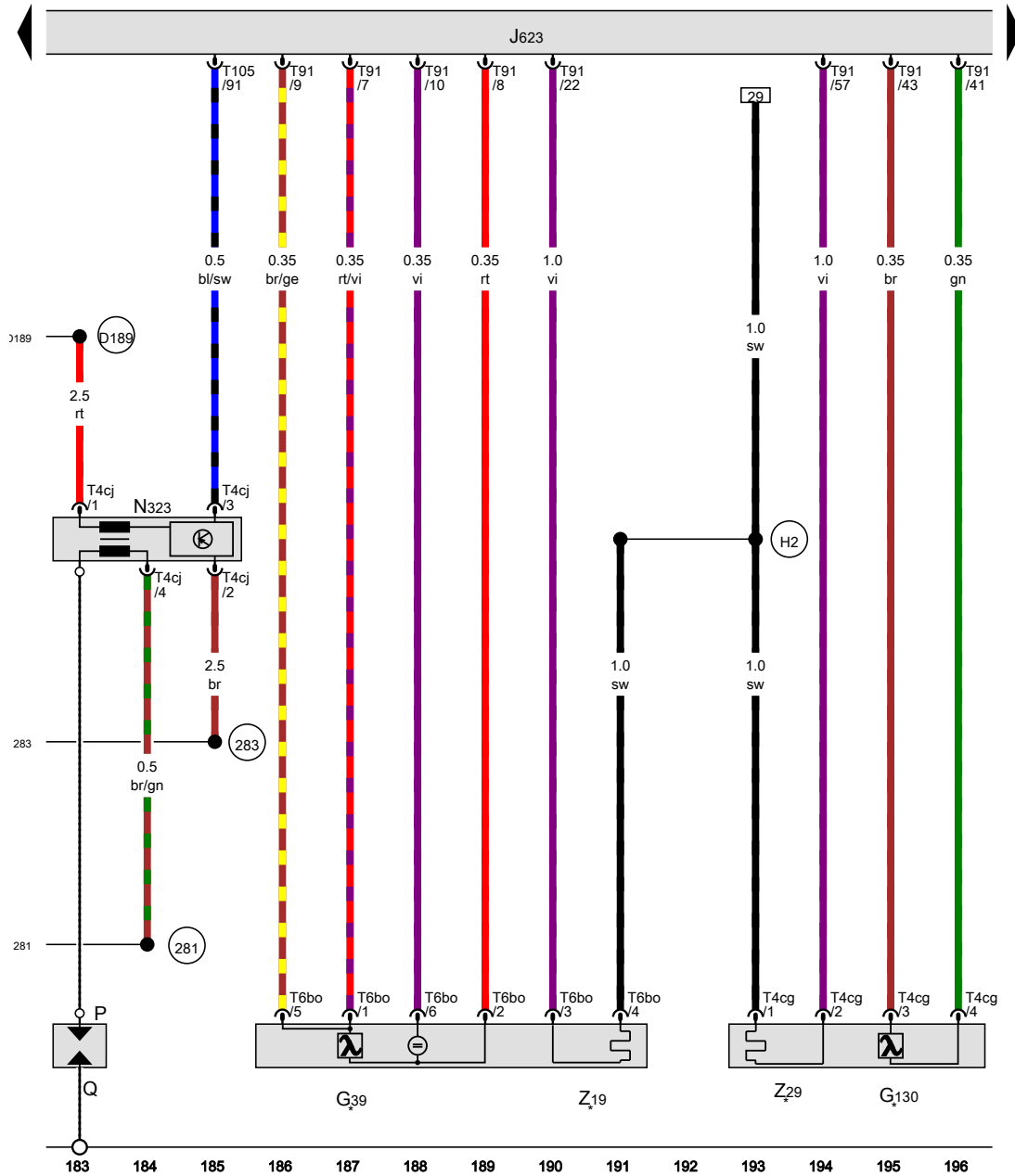
D42 Connection 4, in engine prewiring harness

D43 Connection 5, in engine prewiring harness

* Wiring colour depends on equipment



[8VA-112140417]



Lambda probe, Lambda probe after catalytic converter, Engine control unit, Ignition coil 5 with output stage, Lambda probe heater

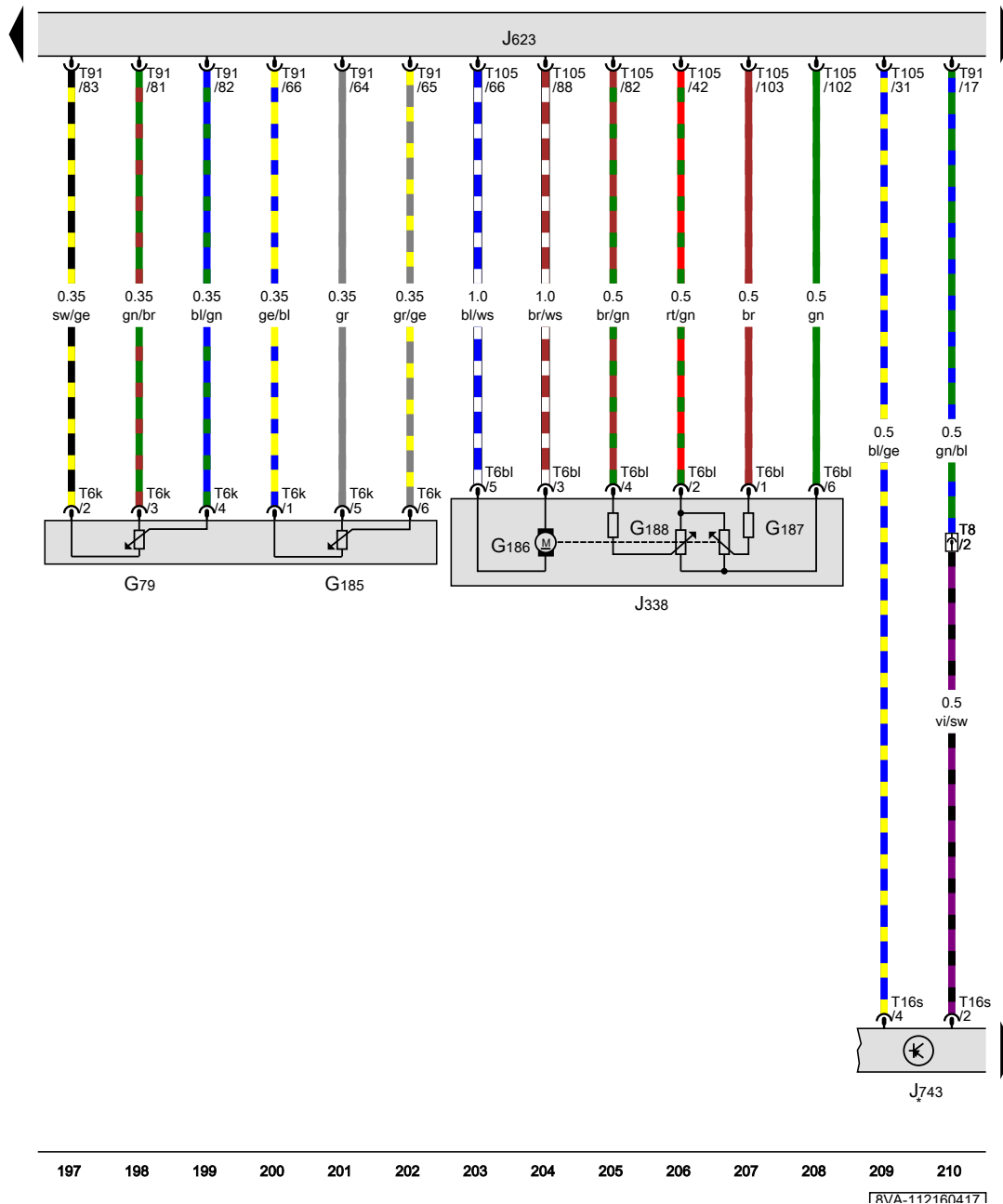
- G39 Lambda probe
- G130 Lambda probe after catalytic converter
- J623 Engine control unit
- N323 Ignition coil 5 with output stage
- P Spark plug connector
- Q Spark plugs
- T4cg 4-pin connector
- T4cj 4-pin connector
- T6bo 6-pin connector
- T91 91-pin connector
- T105 105-pin connector
- Z19 Lambda probe heater
- Z29 Lambda probe 1 heater after catalytic converter

- 281 Earth point 1, engine prewiring harness
- 283 Earth point 2, engine prewiring harness
- D189 Connection (87a) in engine prewiring harness
- H2 Connection in Lambda wiring harness
- * Pre-wired component

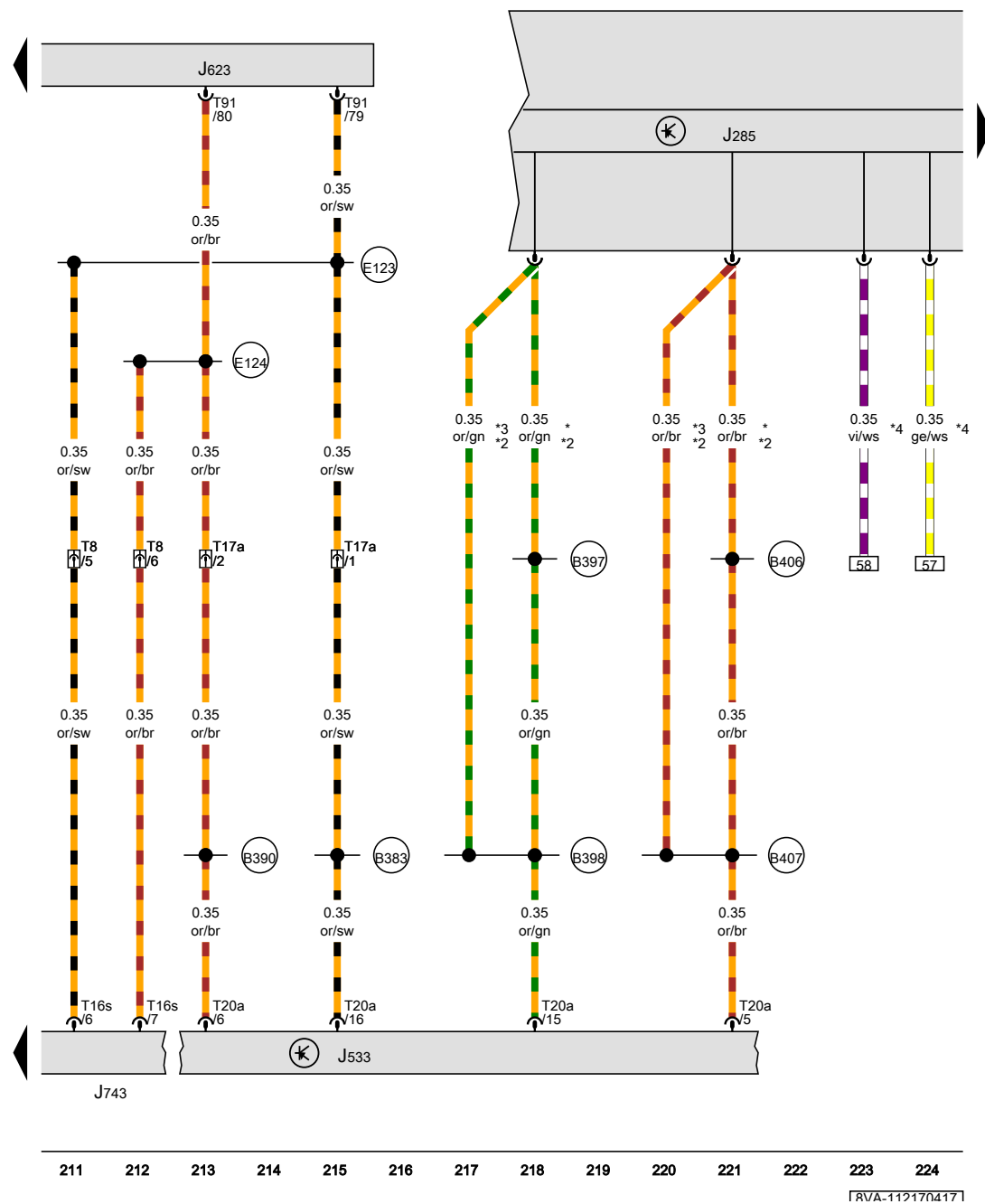
- ws = white
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- gr = grey
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- vi = purple
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- or = orange
- rs = pink

[8VA-112150417]

Accelerator position sender, Accelerator position sender 2, Throttle valve module, Engine control unit, Mechatronic unit for dual clutch gearbox



- G79 Accelerator position sender
- G185 Accelerator position sender 2
- G186 Throttle valve drive for electric throttle
- G187 Throttle valve drive angle sender 1 for electric throttle
- G188 Throttle valve drive angle sender 2 for electric throttle
- J338 Throttle valve module
- J623 Engine control unit
- J743 Mechatronic unit for dual clutch gearbox
- T6bl 6-pin connector
- T6k 6-pin connector
- T8 8-pin connector
- T16s 16-pin connector
- T91 91-pin connector
- T105 105-pin connector
- * see applicable current flow diagram for dual clutch gearbox



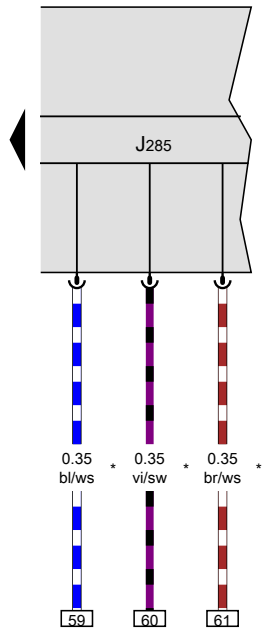
Control unit in dash panel insert, Data bus diagnostic interface, Engine control unit, Mechatronic unit for dual clutch gearbox

- J285 Control unit in dash panel insert
- J533 Data bus diagnostic interface
- J623 Engine control unit
- J743 Mechatronic unit for dual clutch gearbox
- T8 8-pin connector
- T16s 16-pin connector
- T17a 17-pin connector
- T20a 20-pin connector
- T91 91-pin connector

- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness
- E123 Connection 1 (powertrain CAN bus, high), in engine wiring harness
- E124 Connection 1 (powertrain CAN bus, low), in engine wiring harness
- * Only left-hand drive models
- *2 see applicable current flow diagram for dash panel insert
- *3 Only right-hand drive models
- *4 see applicable current flow diagram for fuel system

Control unit in dash panel insert

J285 Control unit in dash panel insert
* see applicable current flow diagram for fuel system



ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

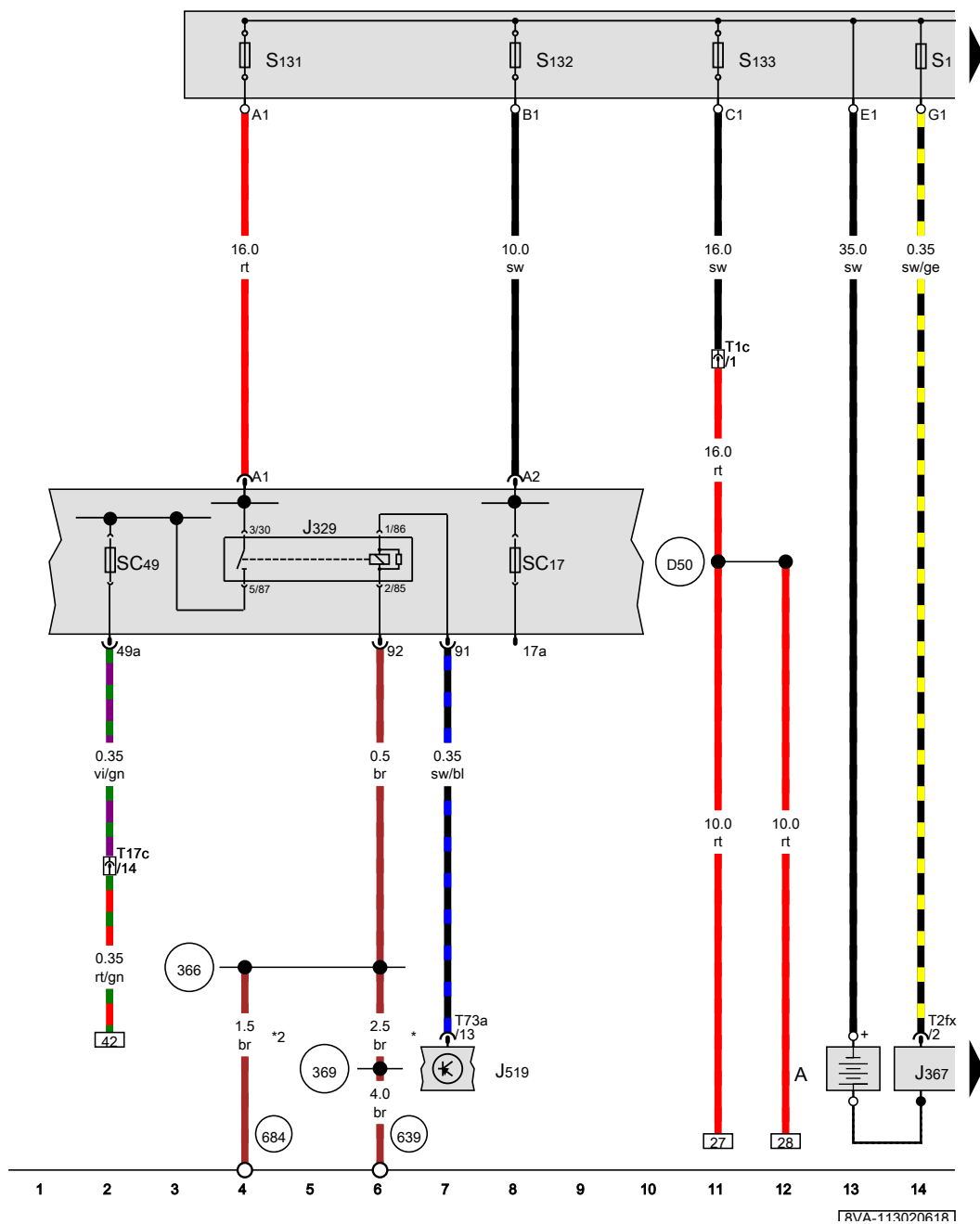
225 226 227 228 229 230 231 232 233 234 235 236 237 238

[RV/A-112180417]

Battery in luggage compartment , CZGB

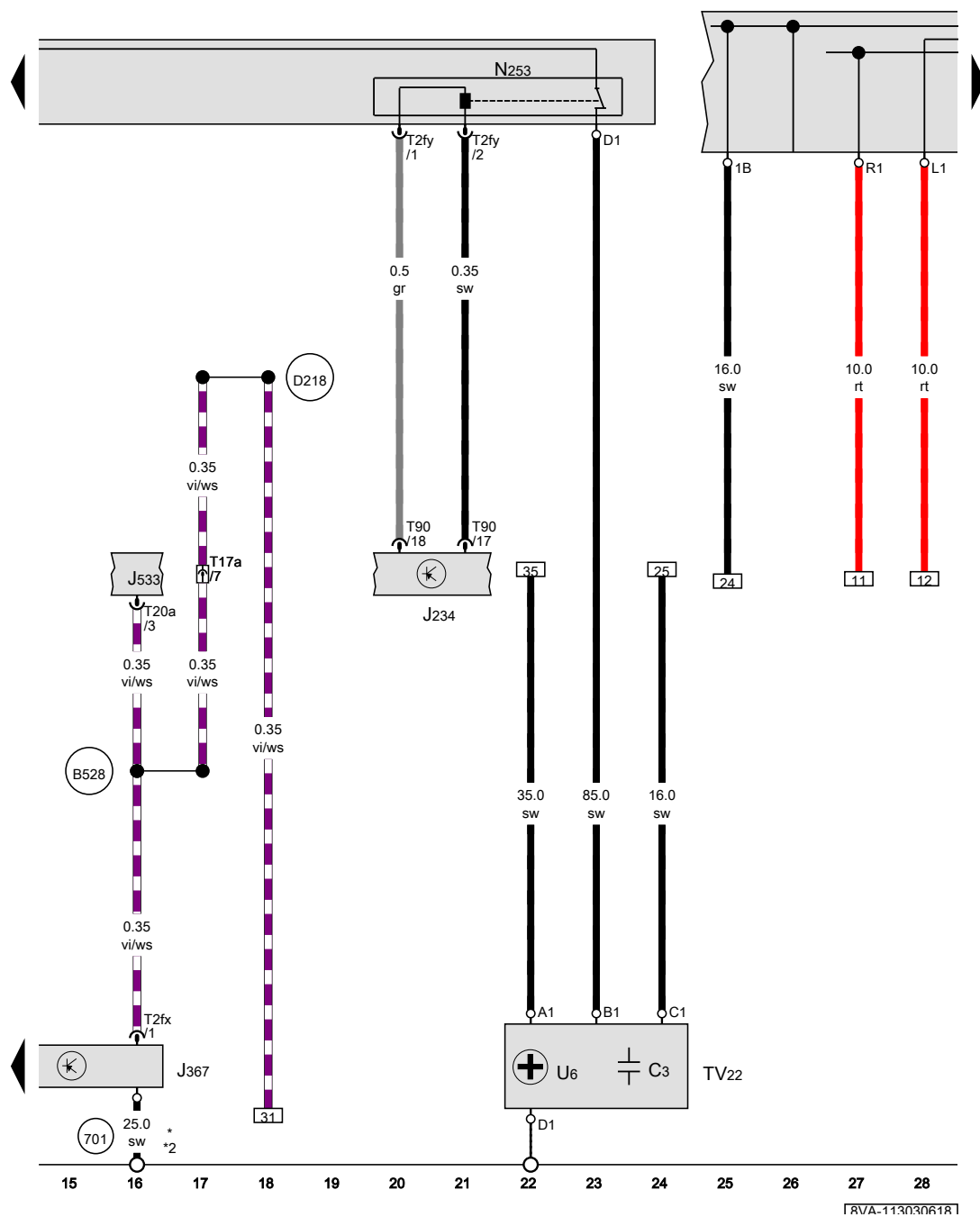
From February 2015

Battery, Battery monitor control unit



- A Battery
- J329 Terminal 15 voltage supply relay
- J367 Battery monitor control unit
- J519 Onboard supply control unit
- S1 Fuse 1 in fuse holder
- SC17 Fuse 17 on fuse holder C
- SC49 Fuse 49 on fuse holder C
- S131 Fuse 1
- S132 Fuse 2
- S133 Fuse 3
- T1c 1-pin connector
- T2fx 2-pin connector
- T17c 17-pin connector
- T73a 73-pin connector
- 366 Earth connection 1, in main wiring harness
- 369 Earth connection 4, in main wiring harness
- 639 Earth point, left A-pillar
- 684 Earth point on front of left side member
- D50 Positive connection (30), in engine compartment wiring harness
- * For left-hand drive models
- *2 For right-hand drive models

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



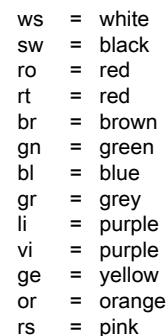
**Battery monitor control unit, Data bus diagnostic interface,
Battery isolation igniter, Terminal 30 wiring junction 2**

C3	Terminal B+ suppressor
J234	Airbag control unit
J367	Battery monitor control unit
J533	Data bus diagnostic interface
N253	Battery isolation igniter
T2fx	2-pin connector
T2fy	2-pin connector
T17a	17-pin connector
T20a	20-pin connector
TV22	Terminal 30 wiring junction 2
T90	90-pin connector
U6	Jump start socket

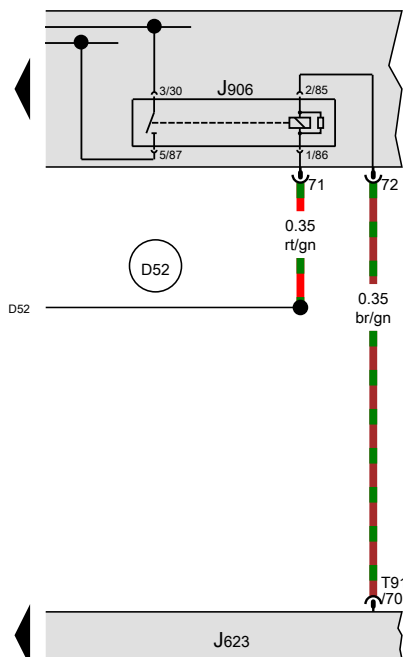
701	Earth point in luggage compartment
B528	Connection 1 (LIN bus) in main wiring harness
D218	Connection 1 (LIN bus) in engine compartment wiring harness

* Cross-section 35.0 possible
*2 Wiring colour depends on equipment

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink



*4 Cross section depends on equipment



Engine/motor control unit, Starter relay 1

J623 Engine/motor control unit

J906 Starter relay 1

T91 91-pin connector

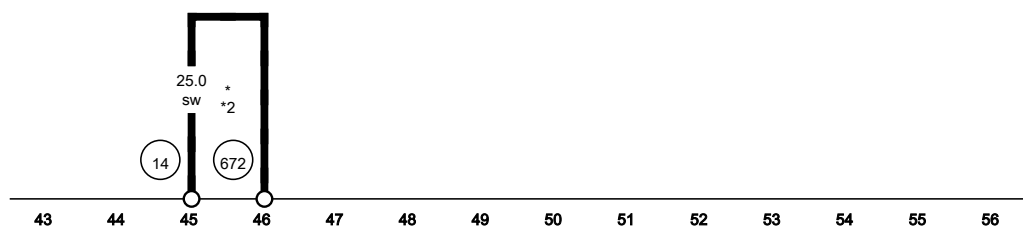
14 Earth point, on gearbox

672 Earth point 2, on front of left longitudinal member

D52 Positive connection (15a), in engine compartment wiring harness

* Cross-section 35.0 possible

*2 Wiring colour depends on equipment

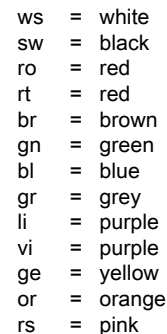


ws = white
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gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

[8VA-113050618]

7-speed dual clutch gearbox 0BH (S tronic) , (0EX)

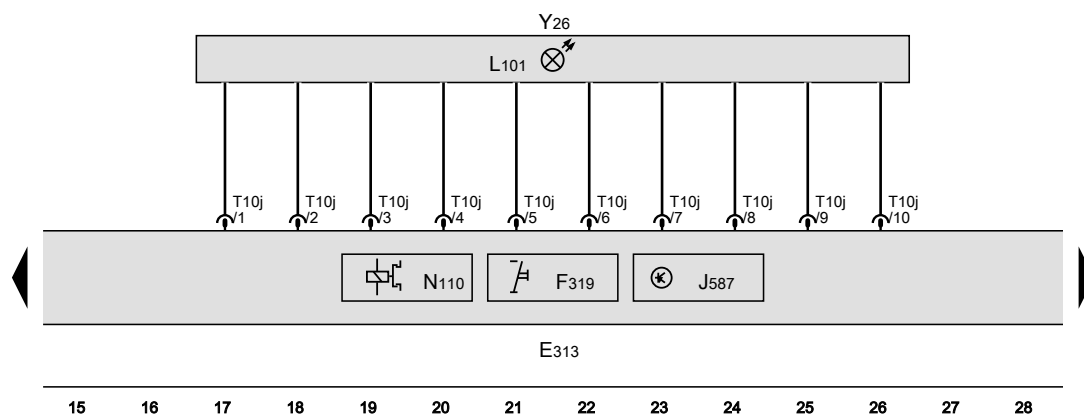
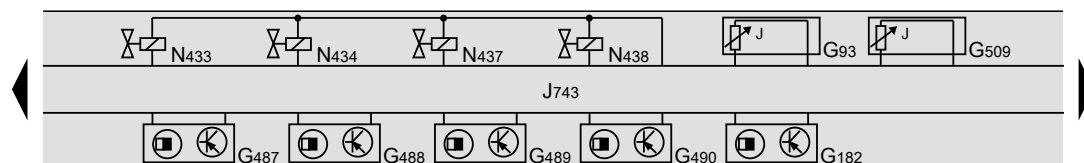
From February 2015



* Up to April 2015
*2 From May 2015

Selector lever, Selector lever locked in position P switch, Gearbox oil temperature sender, Clutch temperature sender, Selector lever sensors control unit, Mechatronic unit for dual clutch gearbox, Selector lever lock solenoid, Valve 1 in gear train half 1, Valve 2 in gear train half 1, Valve 1 in gear train half 2, Valve 2 in gear train half 2, Selector lever position display

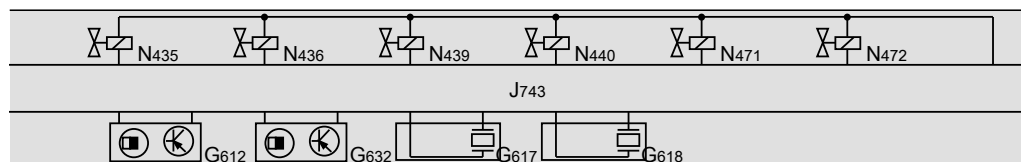
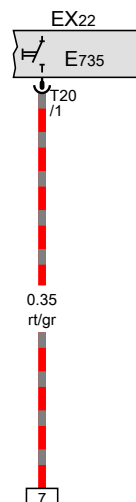
- E313 Selector lever
- F319 Selector lever locked in position P switch
- G93 Gearbox oil temperature sender
- G182 Gearbox input speed sender
- G487 Gear selector movement sensor 1
- G488 Gear selector movement sensor 2
- G489 Gear selector movement sensor 3
- G490 Gear selector movement sensor 4
- G509 Clutch temperature sender
- J587 Selector lever sensors control unit
- J743 Mechatronic unit for dual clutch gearbox
- L101 Selector lever display illumination bulb
- N110 Selector lever lock solenoid
- N433 Valve 1 in gear train half 1
- N434 Valve 2 in gear train half 1
- N437 Valve 1 in gear train half 2
- N438 Valve 2 in gear train half 2
- T10j 10-pin connector
- Y26 Selector lever position display



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- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Selector lever, Mechatronic unit for dual clutch gearbox, Valve 3 in gear train half 1, Valve 4 in gear train half 1, Valve 3 in gear train half 2, Valve 4 in gear train half 2, Cooling oil valve, Main pressure valve

- EX22 Centre switch module in dash panel
- E313 Selector lever
- E735 Driving mode selection button
- G612 Gearbox input speed sender 2
- G617 Clutch travel sender 1
- G618 Clutch travel sender 2
- G632 Gearbox input speed sender 1
- J743 Mechatronic unit for dual clutch gearbox
- N435 Valve 3 in gear train half 1
- N436 Valve 4 in gear train half 1
- N439 Valve 3 in gear train half 2
- N440 Valve 4 in gear train half 2
- N471 Cooling oil valve
- N472 Main pressure valve
- T20 20-pin connector, red

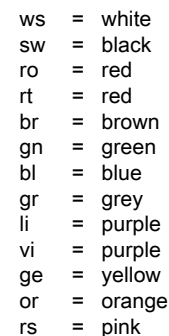


- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

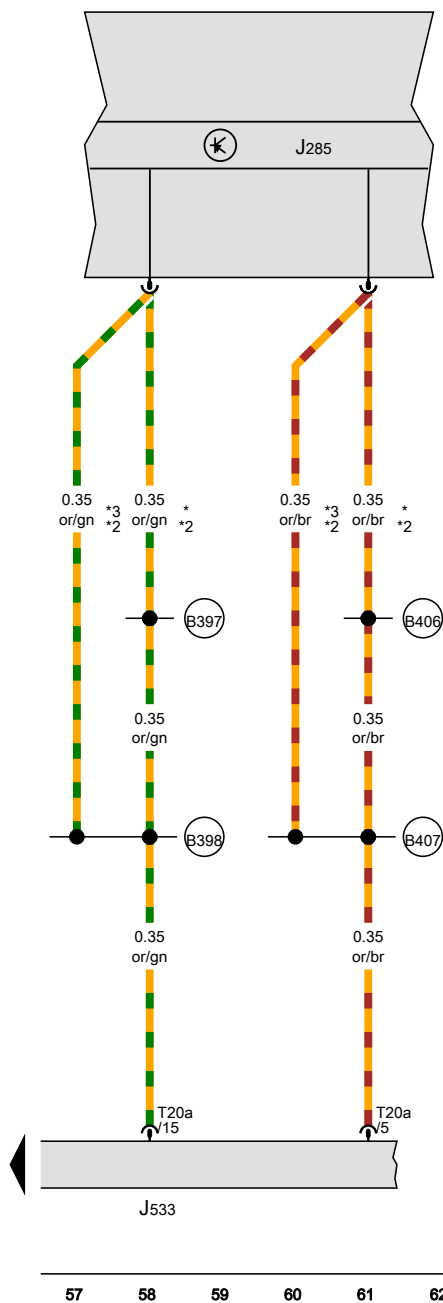


29 30 31 32 33 34 35 36 37 38 39 40 41 42

18V A-114 04 06 18



* see applicable current flow diagram for engine
*2 For models with no heated steering wheel
*3 For models with heated steering wheel



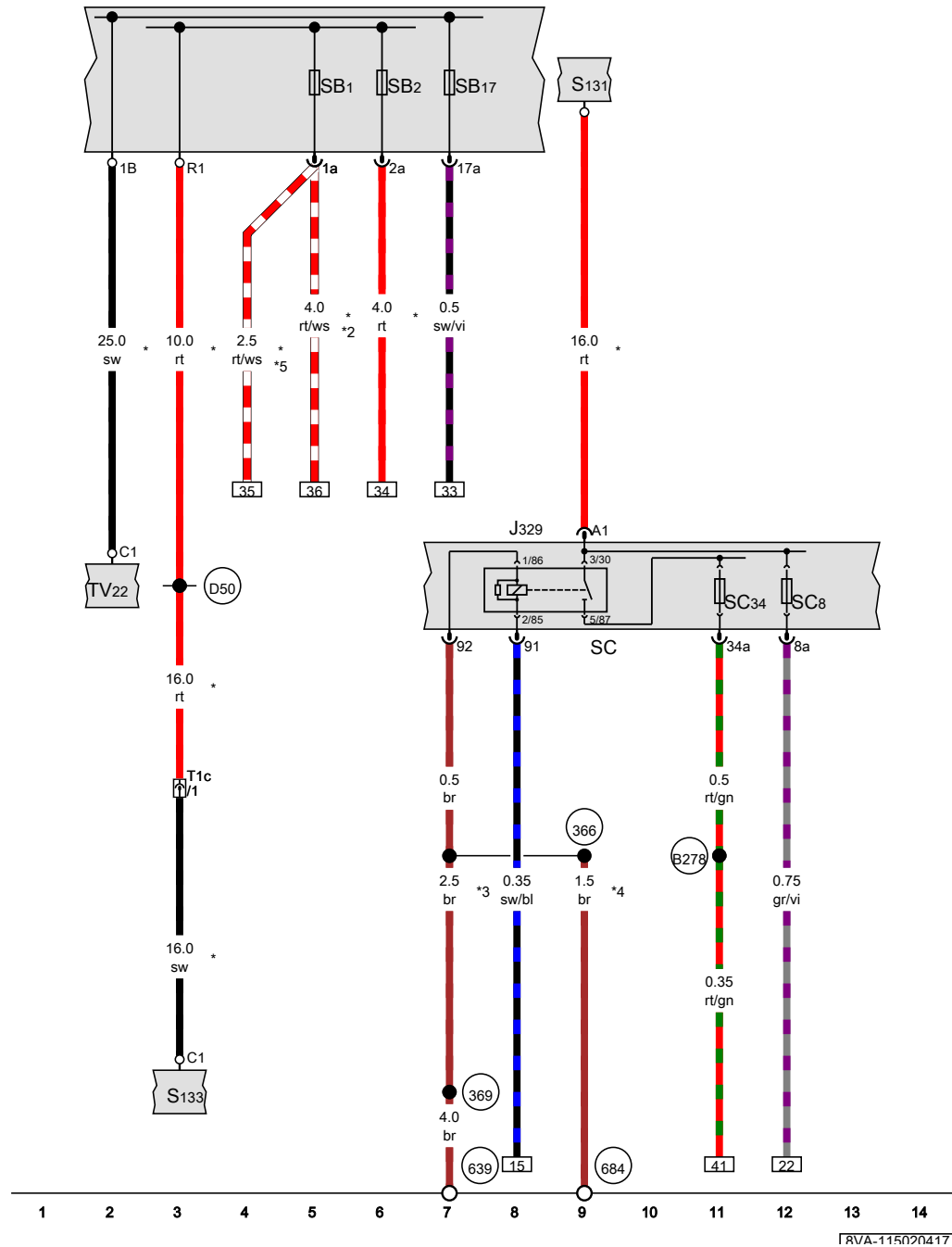
Control unit in dash panel insert, Data bus diagnostic interface

- J285 Control unit in dash panel insert
- J533 Data bus diagnostic interface
- T20a 20-pin connector
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness
- * For left-hand drive models
- *2 see applicable current flow diagram for dash panel insert
- *3 For right-hand drive models

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 rt = red
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 gn = green
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 gr = grey
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 vi = purple
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 rs = pink

Anti-lock brake system (ABS) with electronic stabilisation program (ESP) , CZGB,DAZA

From February 2015



Terminal 15 voltage supply relay, Fuse holder C

J329 Terminal 15 voltage supply relay

SB1 Fuse 1 on fuse holder B

SB2 Fuse 2 on fuse holder B

SC8 Fuse 8 on fuse holder C

SB17 Fuse 17 on fuse holder B

SC34 Fuse 34 on fuse holder C

S131 Fuse 1

S133 Fuse 3

SC Fuse holder C

T1c 1-pin connector

TV22 Terminal 30 wiring junction 2

366 Earth connection 1, in main wiring harness

369 Earth connection 4, in main wiring harness

639 Earth point, left A-pillar

684 Earth point on front of left side member

B278 Positive connection 2 (15a) in main wiring harness

D50 Positive connection (30), in engine compartment wiring harness

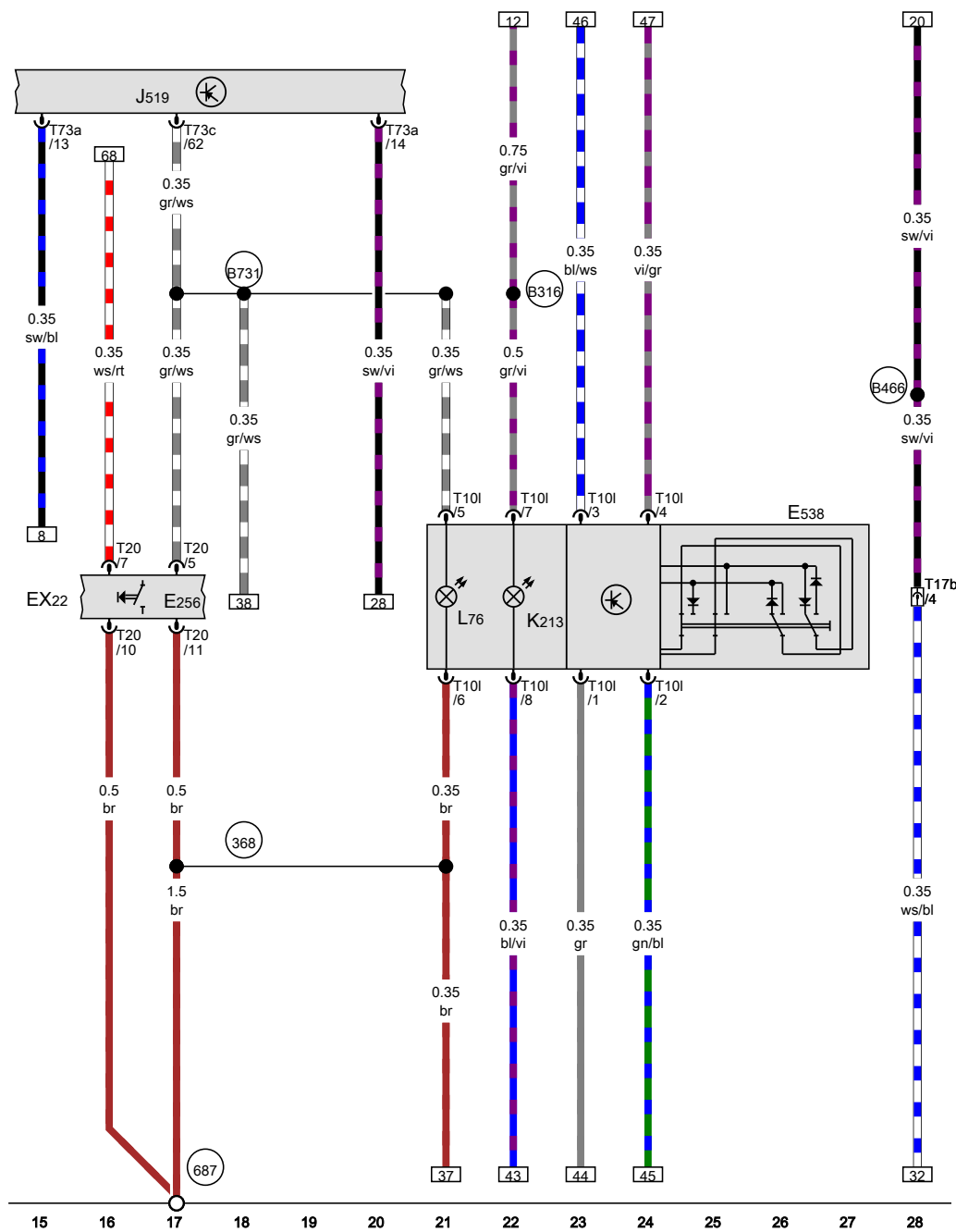
* see applicable current flow diagram for battery

*2 Up to April 2017

*3 Only left-hand drive models

*4 Only right-hand drive models

*5 From May 2017



Centre switch module in dash panel, Button for TCS and electronic stabilisation program, Electromechanical parking brake button, Onboard supply control unit

- EX22 Centre switch module in dash panel
- E256 Button for TCS and electronic stabilisation program
- E538 Electromechanical parking brake button
- J519 Onboard supply control unit
- K213 Electromechanical parking brake warning lamp
- L76 Button illumination bulb
- T10I 10-pin connector
- T17b 17-pin connector
- T20 20-pin connector
- T73a 73-pin connector
- T73c 73-pin connector

- 368 Earth connection 3, in main wiring harness
- 687 Earth point 1, on centre tunnel
- B316 Positive connection 2 (30a) in main wiring harness
- B466 Connection 2, in main wiring harness
- B731 Connection 1 (58s), in main wiring harness

- ws = white
- sw = black
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- bl = blue
- gr = grey
- li = purple
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- ge = yellow
- or = orange
- rs = pink

Auto-hold button, ABS control unit, Front left ABS inlet valve

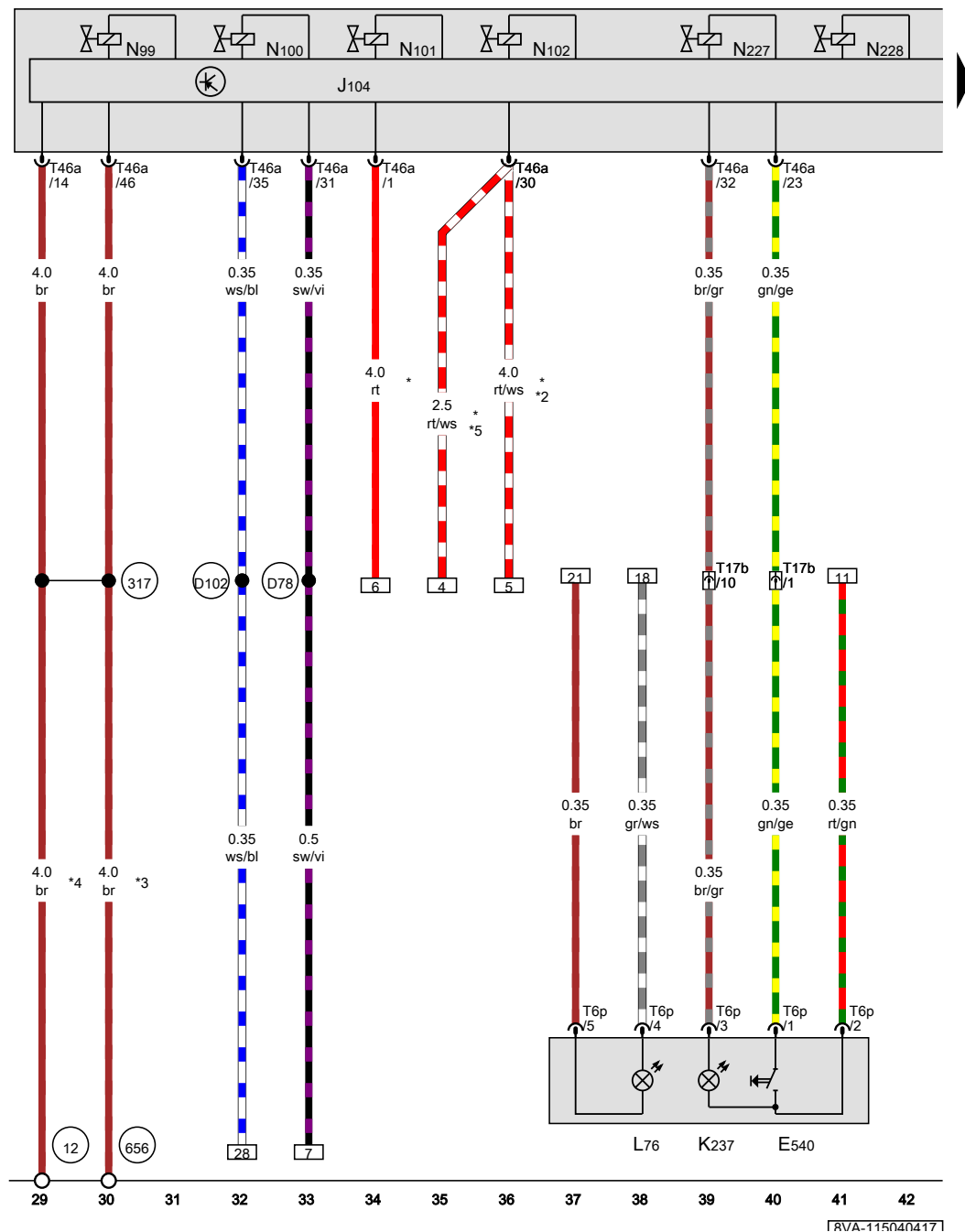
- E540 Auto-hold button
- J104 ABS control unit
- K237 Auto-hold warning lamp
- L76 Button illumination bulb
- N99 Front right ABS inlet valve
- N100 Front right ABS outlet valve
- N101 Front left ABS inlet valve
- N102 Front left ABS outlet valve
- N227 Vehicle stabilization program high-pressure valve 1
- N228 Vehicle stabilization program high-pressure valve 2

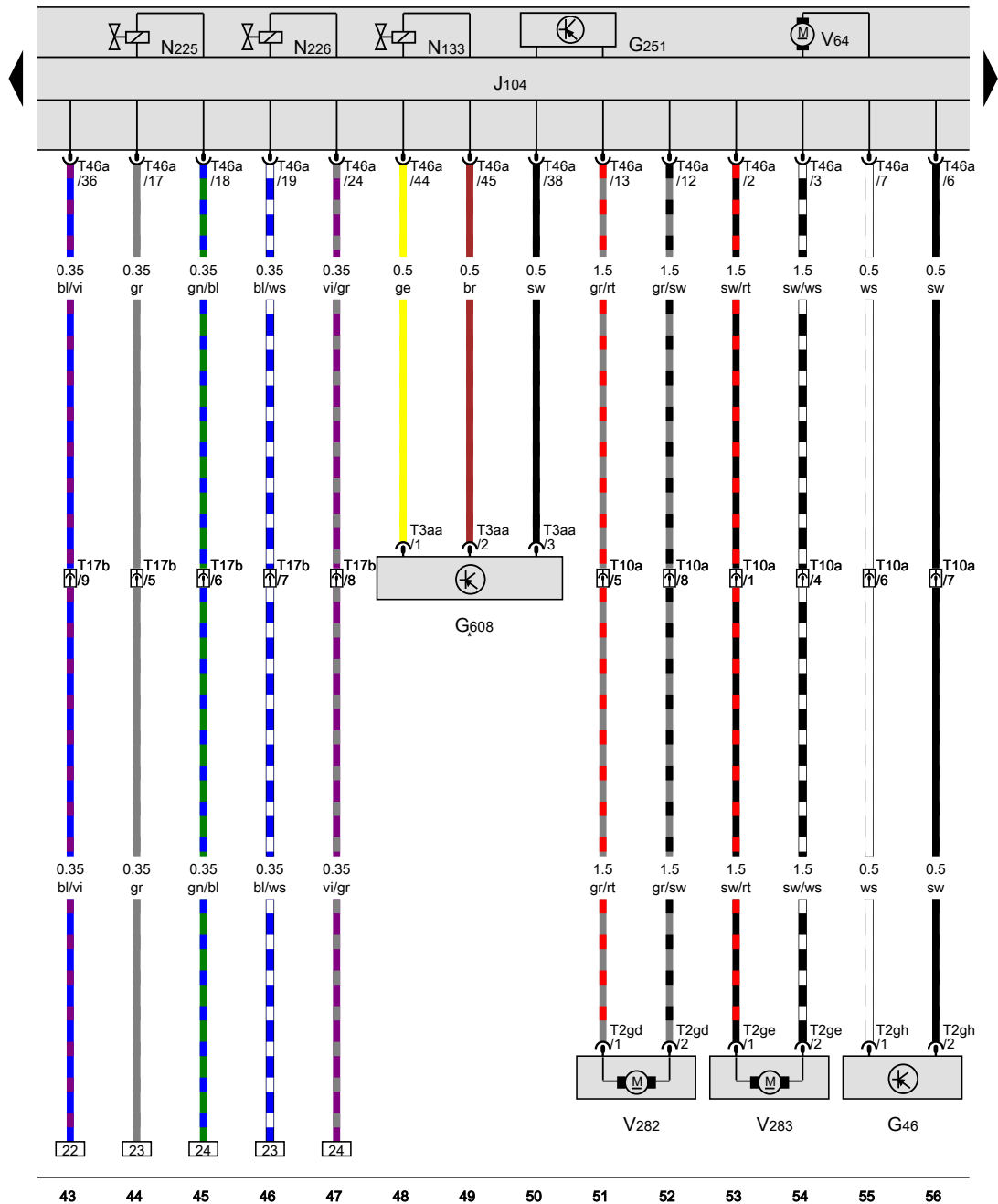
- T6p 6-pin connector
- T17b 17-pin connector
- T46a 46-pin connector

- 12 Earth point, on left in engine compartment
- 317 Earth connection 7, in engine compartment wiring harness
- 656 Earth point, on right headlight
- D78 Positive connection 1 (30a), in engine compartment wiring harness
- D102 Connection 2 in engine compartment wiring harness

- * see applicable current flow diagram for battery
- *2 Up to April 2017
- *3 Only left-hand drive models
- *4 Only right-hand drive models
- *5 From May 2017

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- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

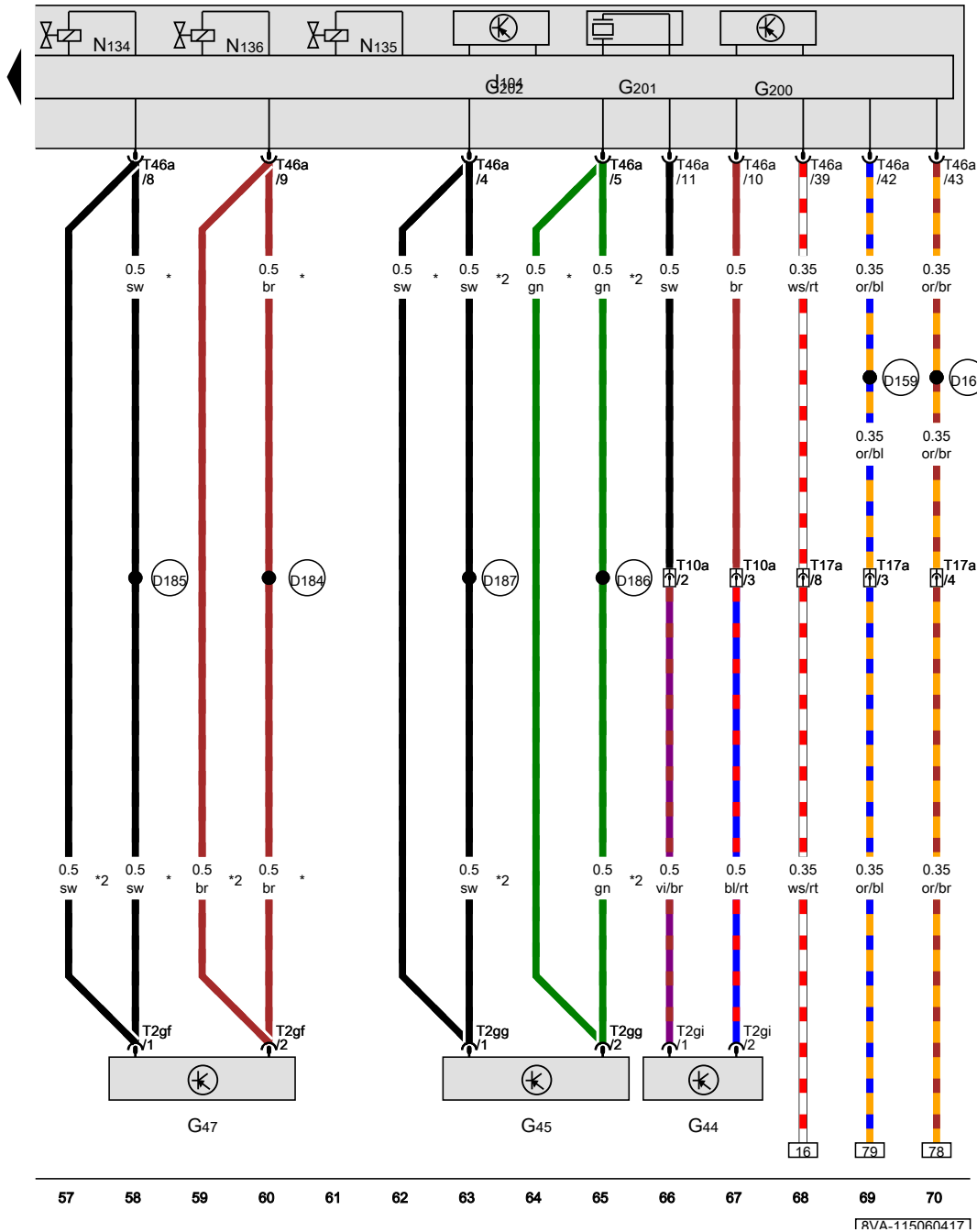




Rear left speed sensor, Vacuum sender, ABS control unit, ABS hydraulic pump, Left parking brake motor, Right parking brake motor

- G46 Rear left speed sensor
- G251 Longitudinal acceleration sender
- G608 Vacuum sender
- J104 ABS control unit
- N133 Rear right ABS inlet valve
- N225 Vehicle stabilization program switch valve 1
- N226 Vehicle stabilization program switch valve 2
- T2gd 2-pin connector
- T2ge 2-pin connector
- T2gh 2-pin connector
- T3aa 3-pin connector
- T10a 10-pin connector
- T17b 17-pin connector
- T46a 46-pin connector
- V64 ABS hydraulic pump
- V282 Left parking brake motor
- V283 Right parking brake motor
- * According to equipment

ws = white
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 ro = red
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 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



Rear right speed sensor, Front right speed sensor, Front left speed sensor, ABS control unit, Rear right ABS outlet valve

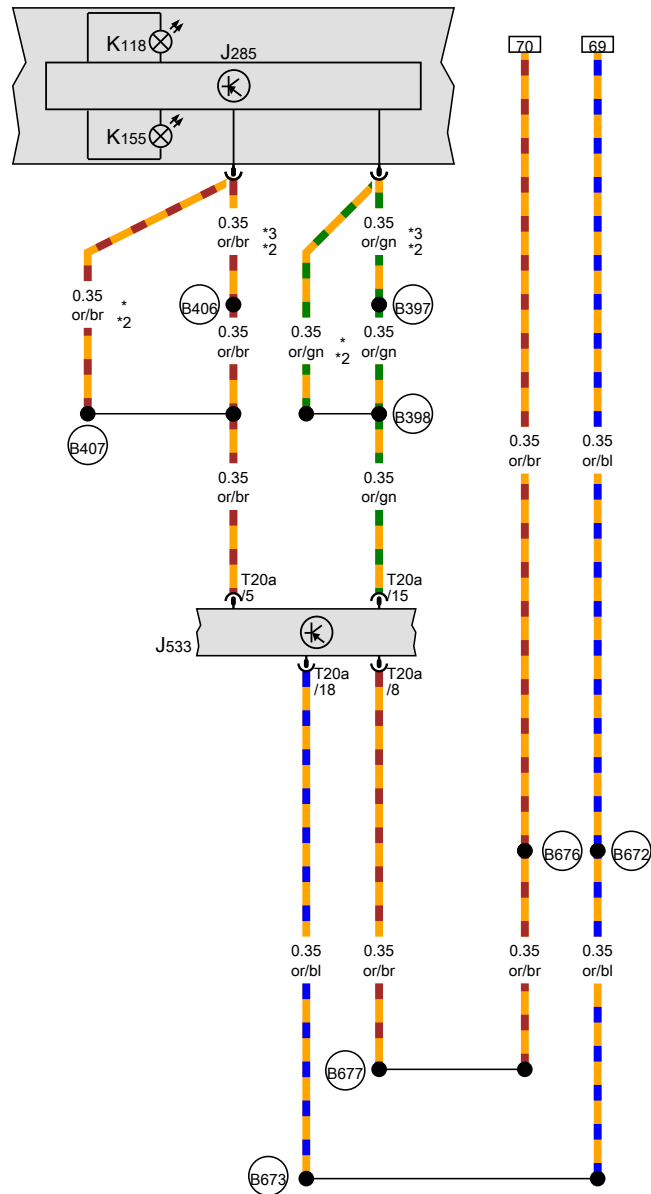
- G44 Rear right speed sensor
- G45 Front right speed sensor
- G47 Front left speed sensor
- G200 Lateral acceleration sender
- G201 Brake pressure sender 1
- G202 Yaw rate sender
- J104 ABS control unit
- N134 Rear left ABS inlet valve
- N135 Rear right ABS outlet valve
- N136 Rear left ABS outlet valve
- T2gf 2-pin connector
- T2gg 2-pin connector
- T2gi 2-pin connector
- T10a 10-pin connector
- T17a 17-pin connector
- T46a 46-pin connector

- D159 Connection (high bus), in engine compartment wiring harness
- D160 Connection (low bus), in engine compartment wiring harness
- D184 Connection (front left speed sensor +), in engine compartment wiring harness
- D185 Connection (front left speed sensor -), in engine compartment wiring harness
- D186 Connection (front right speed sensor +), in engine compartment wiring harness
- D187 Connection (front right speed sensor -), in engine compartment wiring harness

- * Only left-hand drive models
- *2 Only right-hand drive models

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- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

[8VA-115060417]



Control unit in dash panel insert, Data bus diagnostic interface, Brake system warning lamp, Warning lamp for electronic stabilisation program and TCS

- J285 Control unit in dash panel insert
- J533 Data bus diagnostic interface
- K118 Brake system warning lamp
- K155 Warning lamp for electronic stabilisation program and TCS
- T20a 20-pin connector

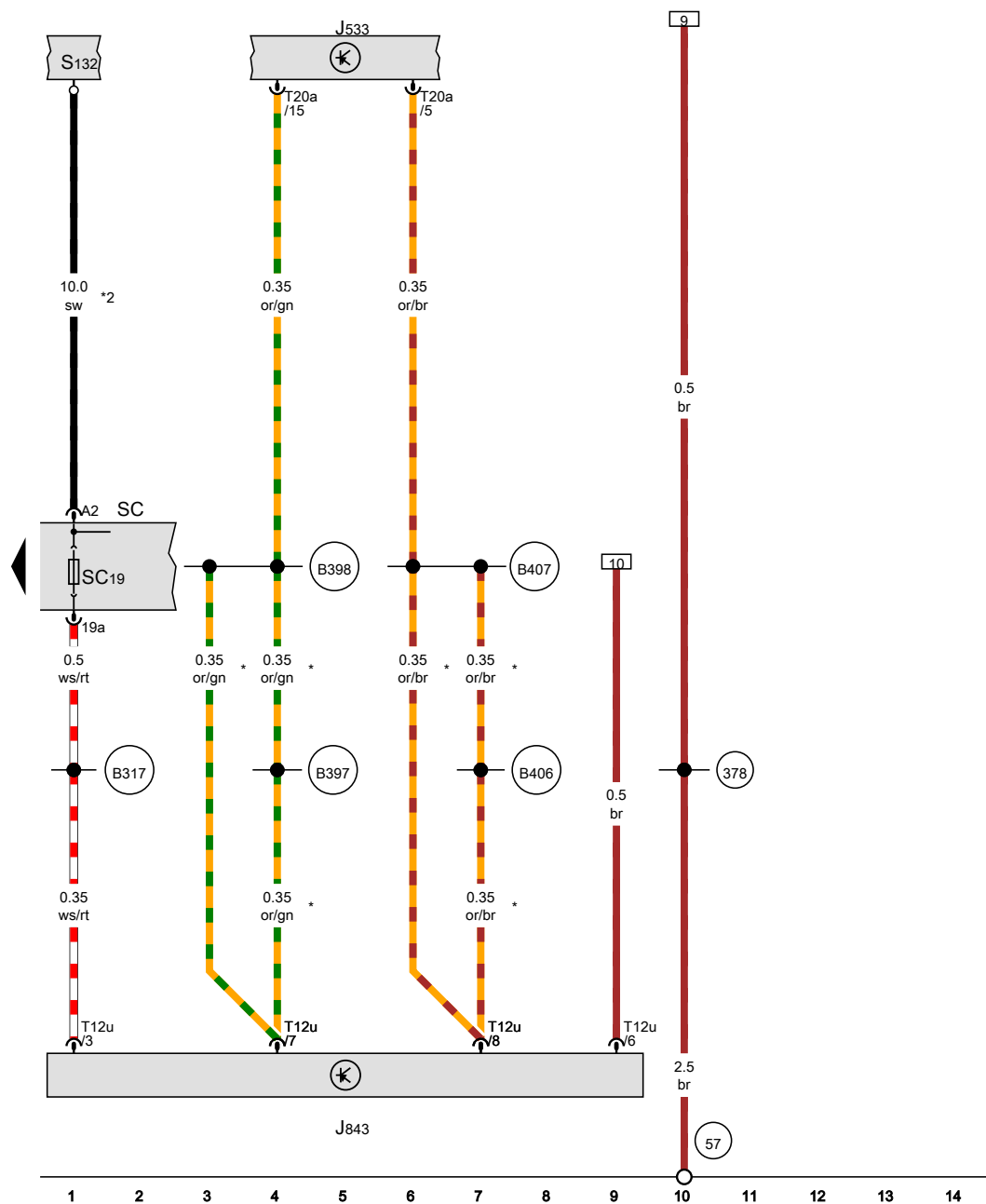
- (B397) Connection 1 (convenience CAN bus, high), in main wiring harness
- (B398) Connection 2 (convenience CAN bus, high), in main wiring harness
- (B406) Connection 1 (convenience CAN bus, low), in main wiring harness
- (B407) Connection 2 (convenience CAN bus, low), in main wiring harness
- (B672) Connection 1 (running gear/dash panel insert CAN bus, high), in main wiring harness
- (B673) Connection 2 (running gear/dash panel insert CAN bus, high), in main wiring harness
- (B676) Connection 1 (running gear/dash panel insert CAN bus, low), in main wiring harness
- (B677) Connection 2 (running gear/dash panel insert CAN bus, low), in main wiring harness

- * Only right-hand drive models
- *2 see applicable current flow diagram for dash panel insert
- *3 Only left-hand drive models

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Interface for special functions , CZGB

From February 2015



Data bus diagnostic interface, Interface control unit for vehicle location system, Fuse holder C

- J533 Data bus diagnostic interface
- J843 Interface control unit for vehicle location system
- S132 Fuse 2
- SC Fuse holder C
- SC19 Fuse 19 on fuse holder C
- T12u 12-pin connector
- T20a 20-pin connector

- 57 Earth point, rear left pillar
- 378 Earth connection 13, in main wiring harness
- B317 Positive connection 3 (30a) in main wiring harness
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness

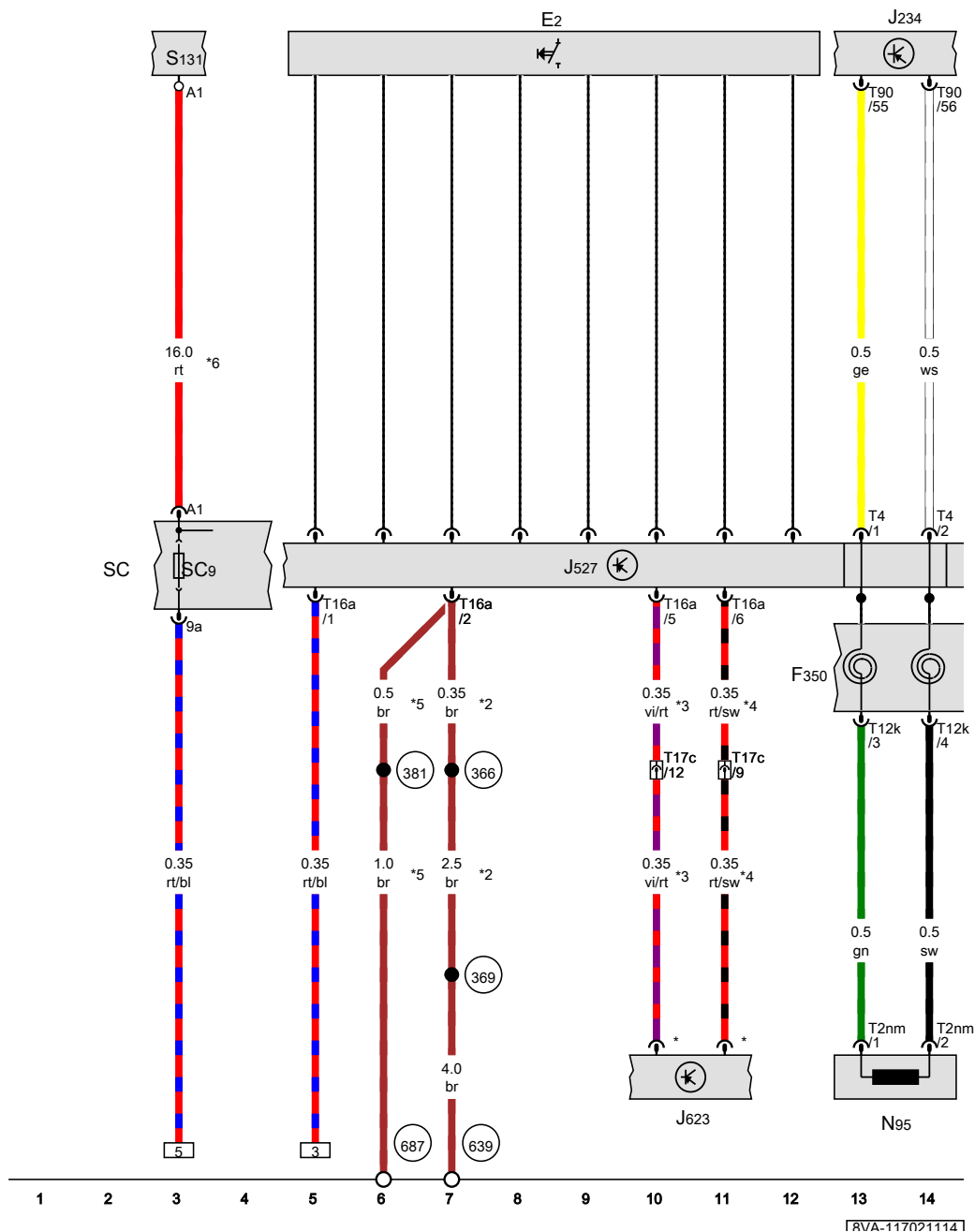
* According to equipment
 *2 see applicable current flow diagram for battery

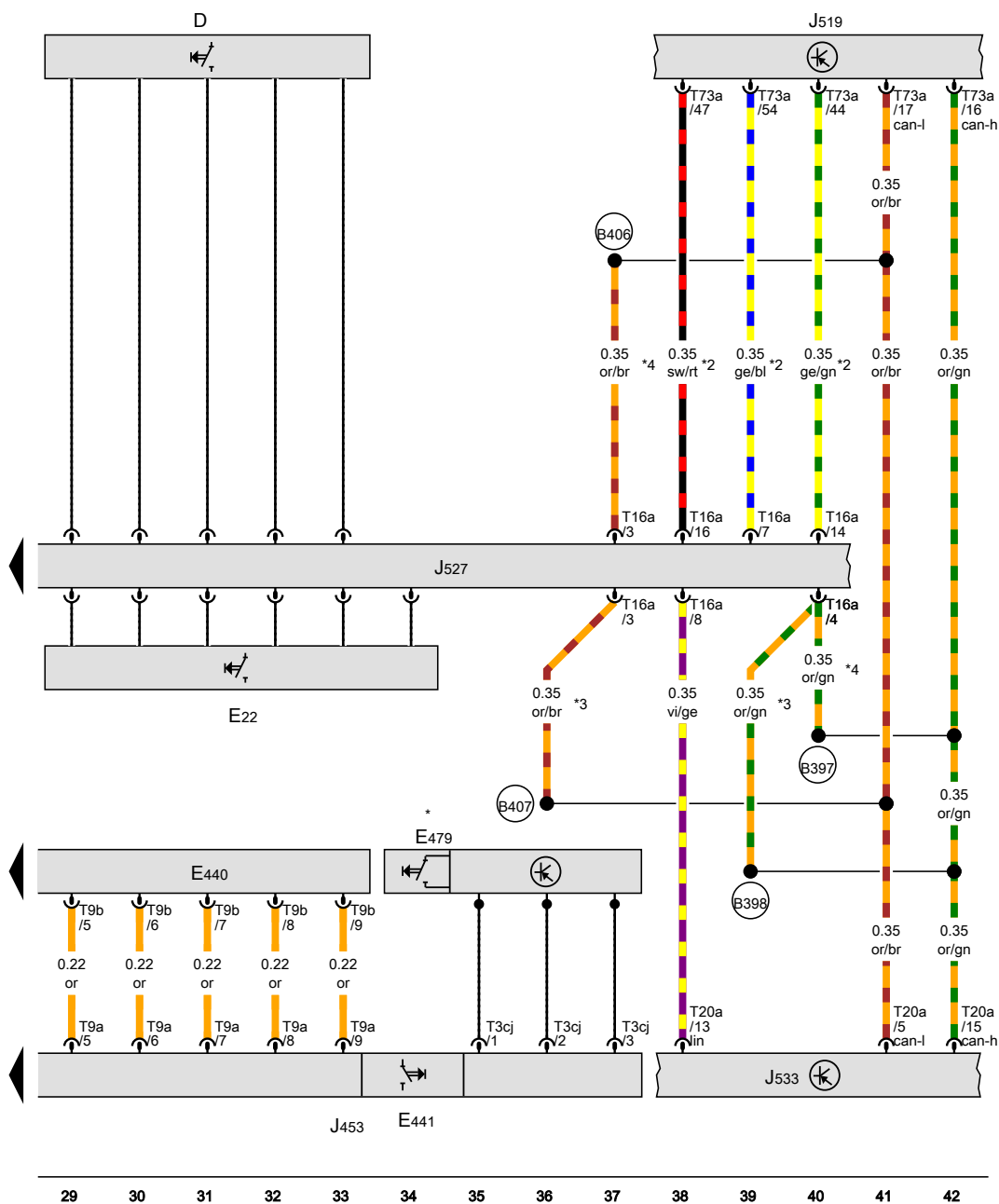
ws = white
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 or = orange
 rs = pink

Multifunction steering wheel , CZGB

From February 2015

Turn signal switch, Airbag control unit, Steering column electronics control unit, Driver side airbag igniter, Fuse holder C





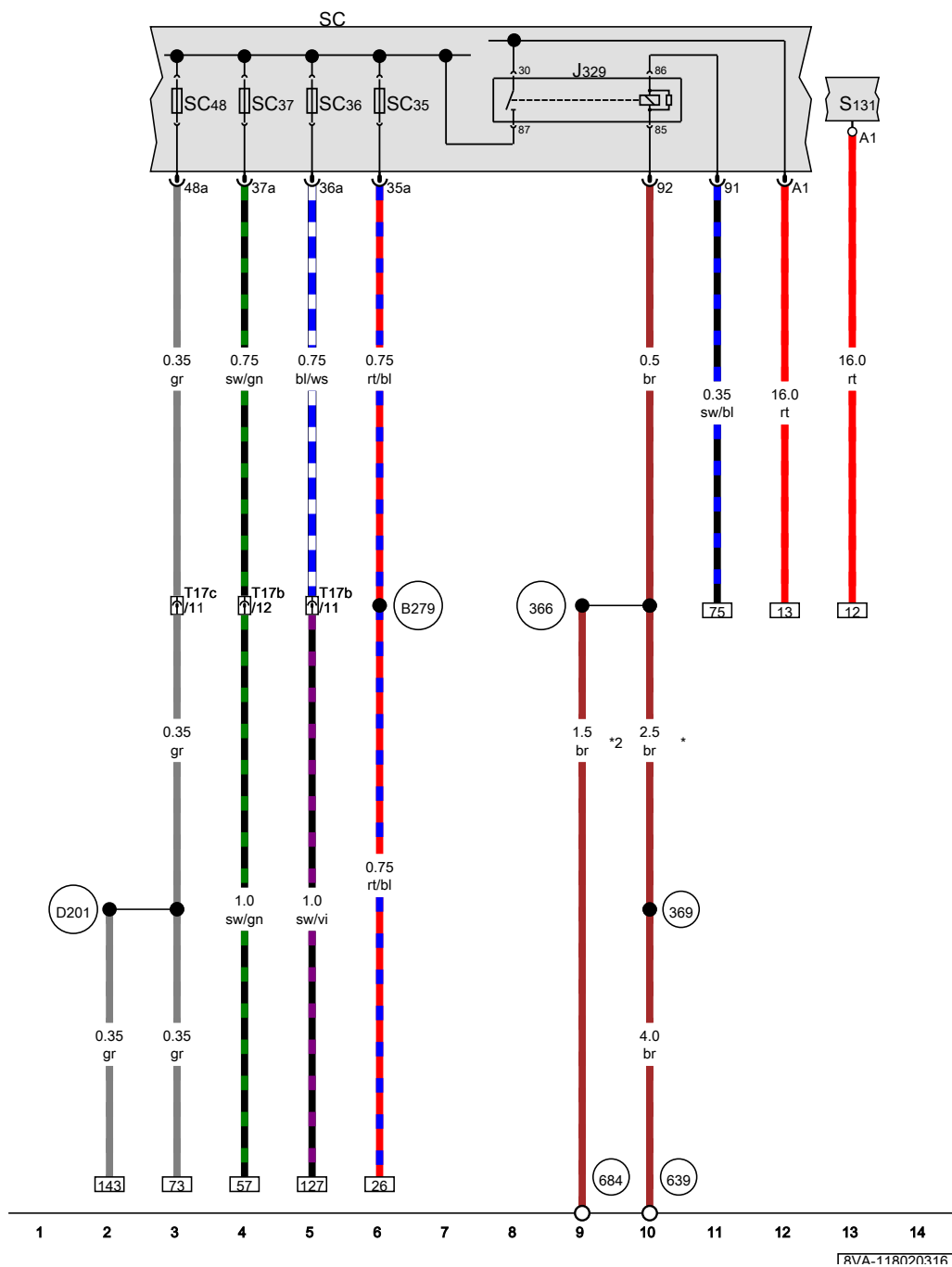
Ignition/starter switch, Intermittent wiper switch, Multifunction buttons on left in steering wheel, Multifunction buttons on right in steering wheel, Tiptronic switch (shift up), Multifunction steering wheel control unit, Onboard supply control unit, Steering column electronics control unit, Data bus diagnostic interface

- D Ignition/starter switch
- E22 Intermittent wiper switch
- E440 Multifunction buttons on left in steering wheel
- E441 Multifunction buttons on right in steering wheel
- E479 Tiptronic switch (shift up)
- J453 Multifunction steering wheel control unit, in steering wheel
- J519 Onboard supply control unit
- J527 Steering column electronics control unit
- J533 Data bus diagnostic interface
- T3cj 3-pin connector
- T9a 9-pin connector
- T9b 9-pin connector
- T16a 16-pin connector
- T20a 20-pin connector
- T73a 73-pin connector
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness
- * Only models with Tiptronic
- *2 Only models with no entry and start authorisation
- *3 Only right-hand drive models
- *4 Only left-hand drive models

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LED headlights , CZGB

From February 2015



Terminal 15 voltage supply relay, Fuse holder C

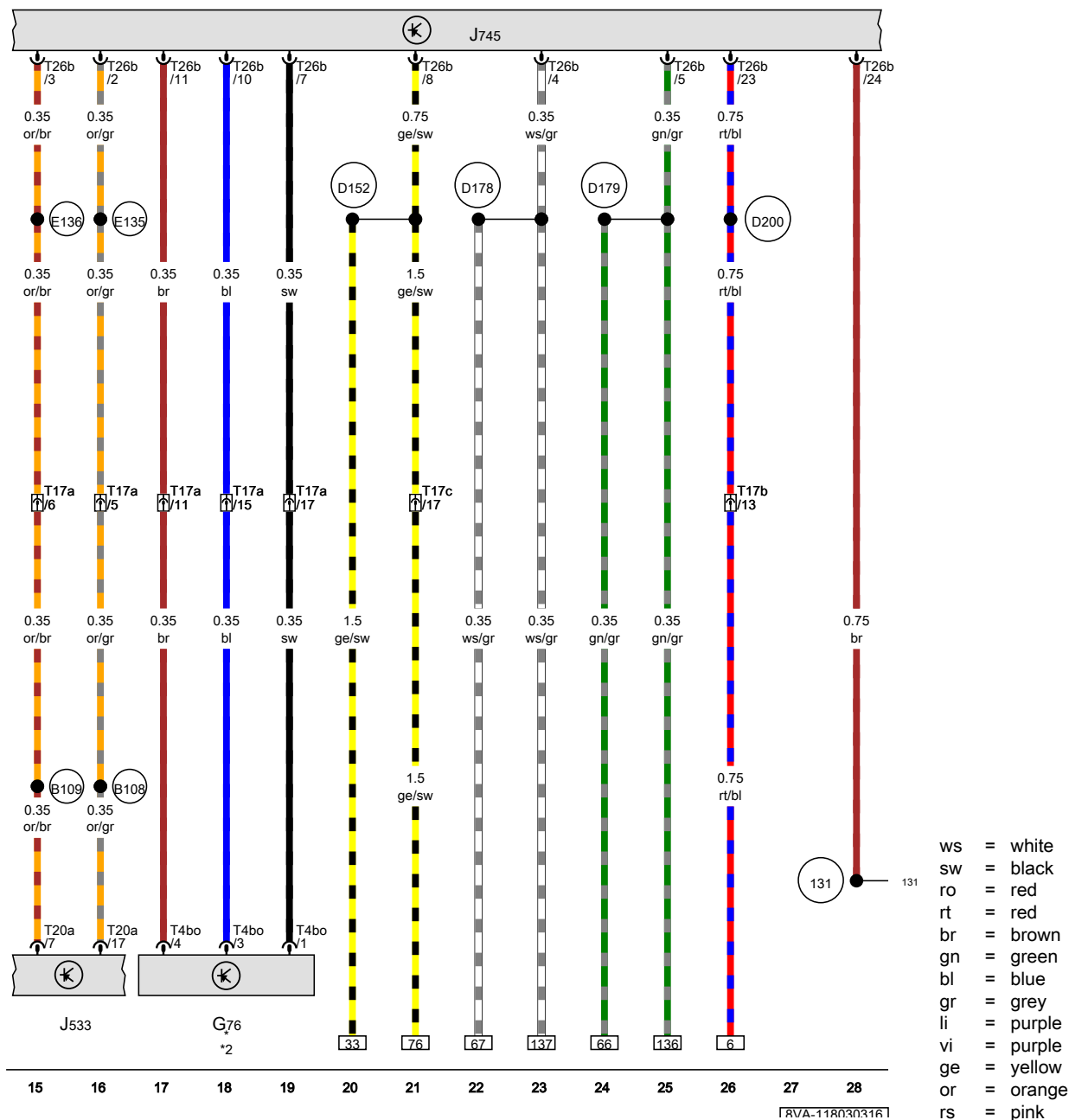
- J329 Terminal 15 voltage supply relay
- S131 Fuse 1
- SC Fuse holder C
- SC35 Fuse 35 on fuse holder C
- SC36 Fuse 36 on fuse holder C
- SC37 Fuse 37 on fuse holder C
- SC48 Fuse 48 on fuse holder C
- T17b 17-pin connector
- T17c 17-pin connector

- 366 Earth connection 1, in main wiring harness
- 369 Earth connection 4, in main wiring harness
- 639 Earth point, left A-pillar
- 684 Earth point on front of left side member
- B279 Positive connection 3 (15a) in main wiring harness
- D201 Positive connection 4 (15a), in engine compartment wiring harness
- * Only left-hand drive models
- *2 Only right-hand drive models

Rear left vehicle level sender, Control unit for cornering light and headlight range control

- G76 Rear left vehicle level sender
- J533 Data bus diagnostic interface
- J745 Control unit for cornering light and headlight range control
- T4bo 4-pin connector
- T17a 17-pin connector
- T17b 17-pin connector
- T17c 17-pin connector
- T20a 20-pin connector
- T26b 26-pin connector

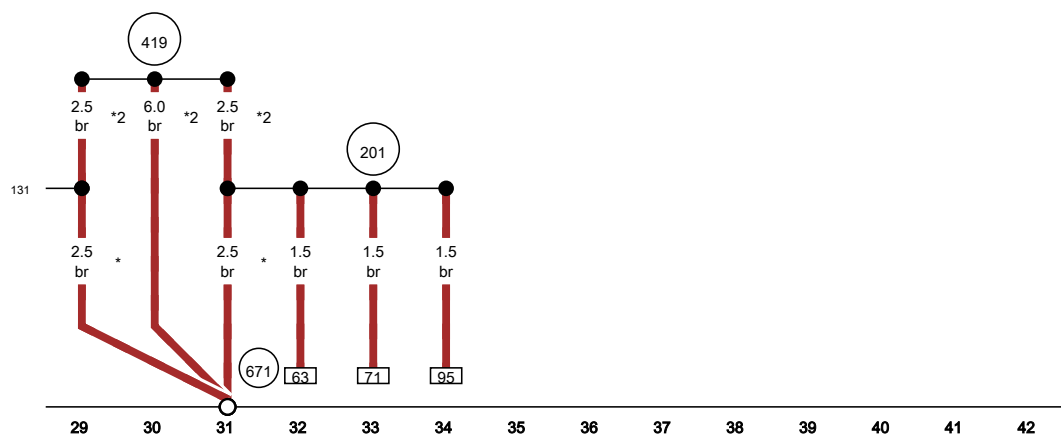
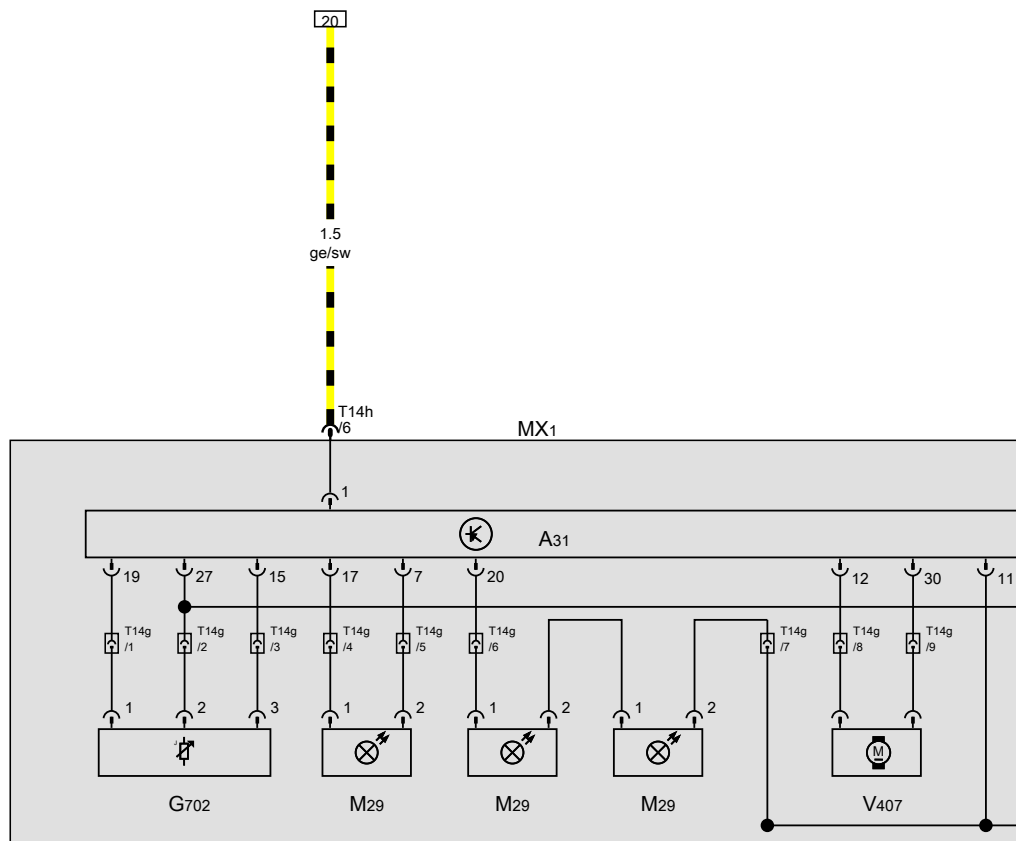
- 131 Earth connection 2, in engine compartment wiring harness
- B108 Connection 1 (CAN bus extended high), in main wiring harness
- B109 Connection 1 (CAN bus extended low), in main wiring harness
- D152 Positive connection 1 (56b), in engine compartment wiring harness
- D178 Connection 2 (high bus), in engine compartment wiring harness
- D179 Connection 2 (low bus), in engine compartment wiring harness
- D200 Positive connection 3 (15a), in engine compartment wiring harness
- E135 Connection (CAN bus extended high), in engine compartment wiring harness
- E136 Connection (CAN bus extended low), in engine compartment wiring harness
- * According to equipment
- *2 If fitted



Output module 1 for left LED headlight, Temperature sender 1 for left headlight, Front left headlight, Left headlight dipped beam bulb, Left headlight fan

- A31 Output module 1 for left LED headlight
- G702 Temperature sender 1 for left headlight
- MX1 Front left headlight
- M29 Left headlight dipped beam bulb
- T14g 14-pin connector
- T14h 14-pin connector
- V407 Left headlight fan

- 131 Earth connection 2, in engine compartment wiring harness
- 201 Earth connection 5, in engine compartment wiring harness
- 419 Earth connection 11, in engine compartment wiring harness
- 671 Earth point 1, on front of left longitudinal member
- * Gradually discontinued
- *2 gradual introduction

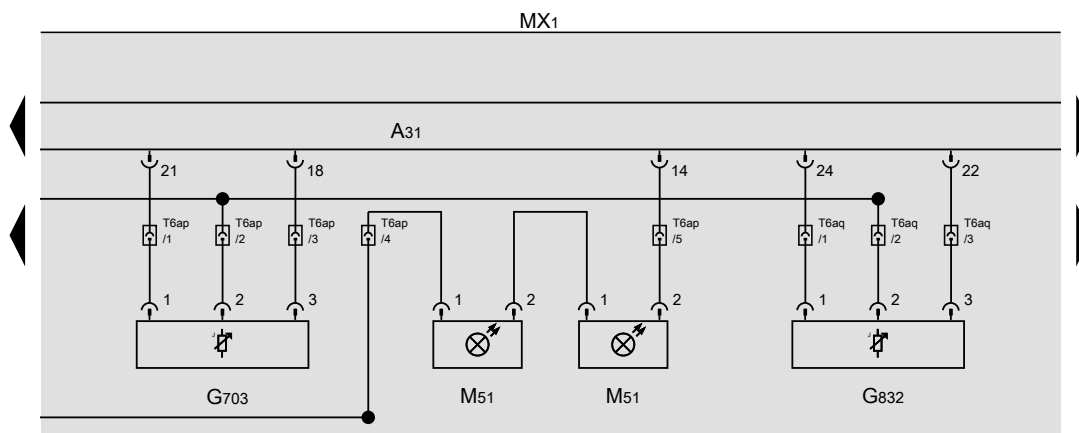


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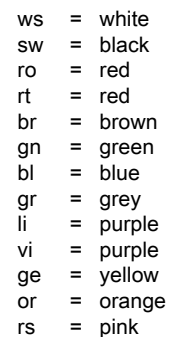
18VA-118040316

Output module 1 for left LED headlight, Temperature sender 2 for left headlight, Temperature sender 3 for left headlight, Front left headlight, Left static cornering light

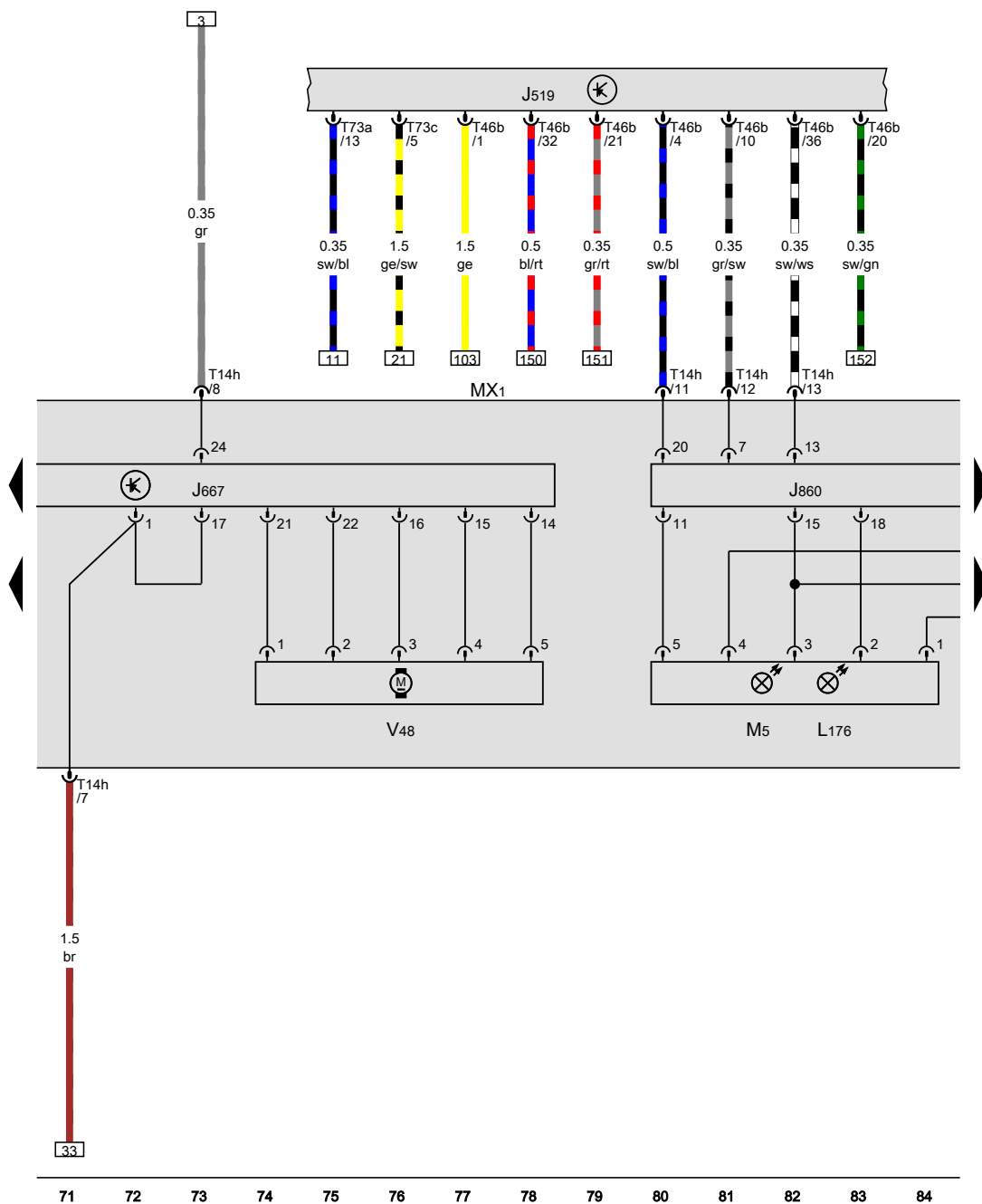
- A31 Output module 1 for left LED headlight
- G703 Temperature sender 2 for left headlight
- G832 Temperature sender 3 for left headlight
- MX1 Front left headlight
- M51 Left static cornering light
- T6ap 6-pin connector
- T6aq 6-pin connector



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- vi = purple
- ge = yellow
- or = orange
- rs = pink



A31	Output module 1 for left LED headlight
J667	Output module for left headlight
MX1	Front left headlight
M30	Left headlight main beam bulb
T6aq	6-pin connector
T14h	14-pin connector



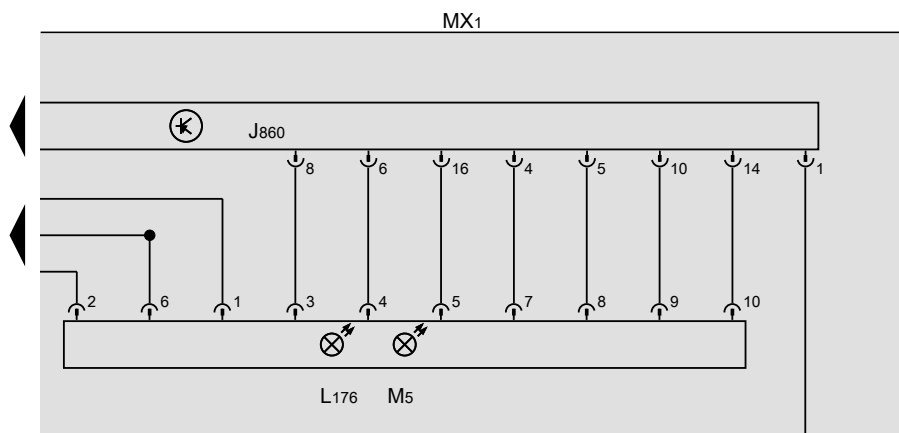
Onboard supply control unit, Output module for left headlight, Control unit for left daytime running light and side light, Left LED module for daytime running light and side light, Front left headlight, Front left turn signal bulb, Left headlight range control motor

- J519 Onboard supply control unit
- J667 Output module for left headlight
- J860 Control unit for left daytime running light and side light
- L176 Left LED module for daytime running light and side light
- MX1 Front left headlight
- M5 Front left turn signal bulb
- T14h 14-pin connector
- T46b 46-pin connector
- T73a 73-pin connector
- T73c 73-pin connector
- V48 Left headlight range control motor

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Control unit for left daytime running light and side light, Left LED module for daytime running light and side light, Front left headlight, Front left turn signal bulb

- J860 Control unit for left daytime running light and side light
- L176 Left LED module for daytime running light and side light
- MX1 Front left headlight
- M5 Front left turn signal bulb
- T14h 14-pin connector



T14h
/10

1.5
br

34

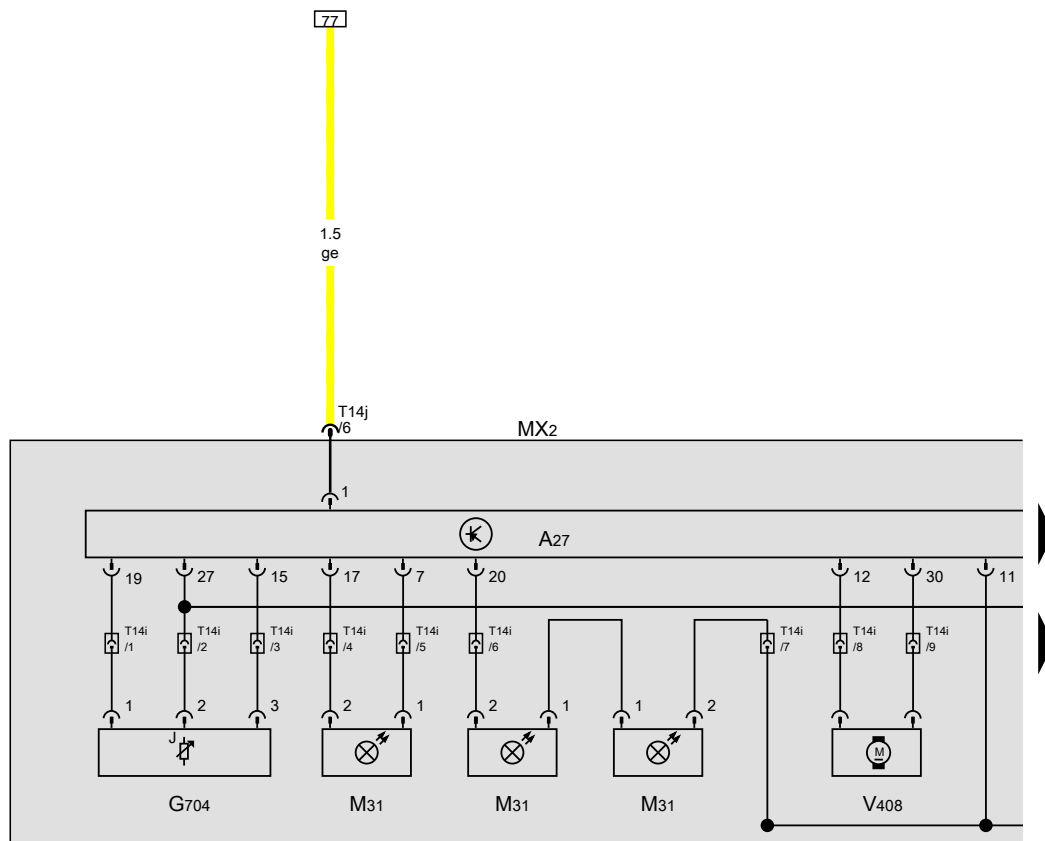
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

85 86 87 88 89 90 91 92 93 94 95 96 97 98

[8VA-118080316]

Output module 1 for right LED headlight, Temperature sender 1 for right headlight, Front right headlight, Right headlight dipped beam bulb, Right headlight fan

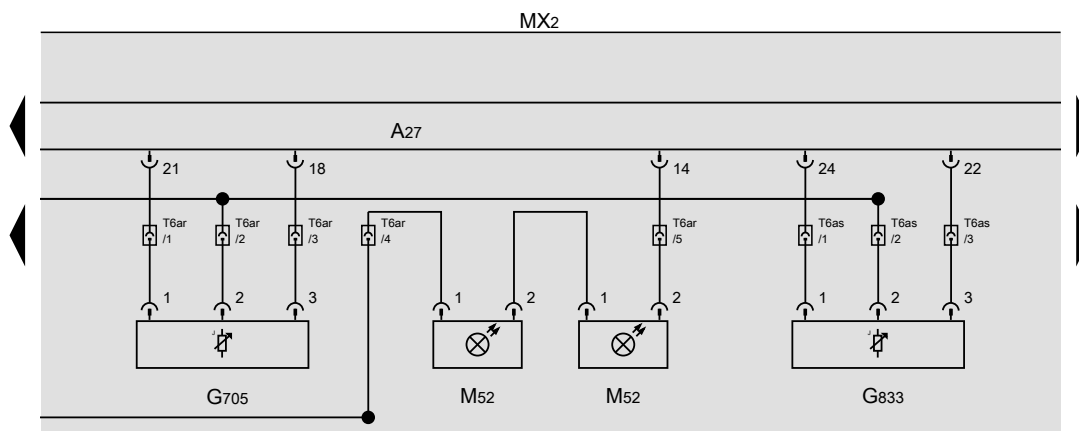
- A27 Output module 1 for right LED headlight
- G704 Temperature sender 1 for right headlight
- MX2 Front right headlight
- M31 Right headlight dipped beam bulb
- T14i 14-pin connector
- T14j 14-pin connector
- V408 Right headlight fan



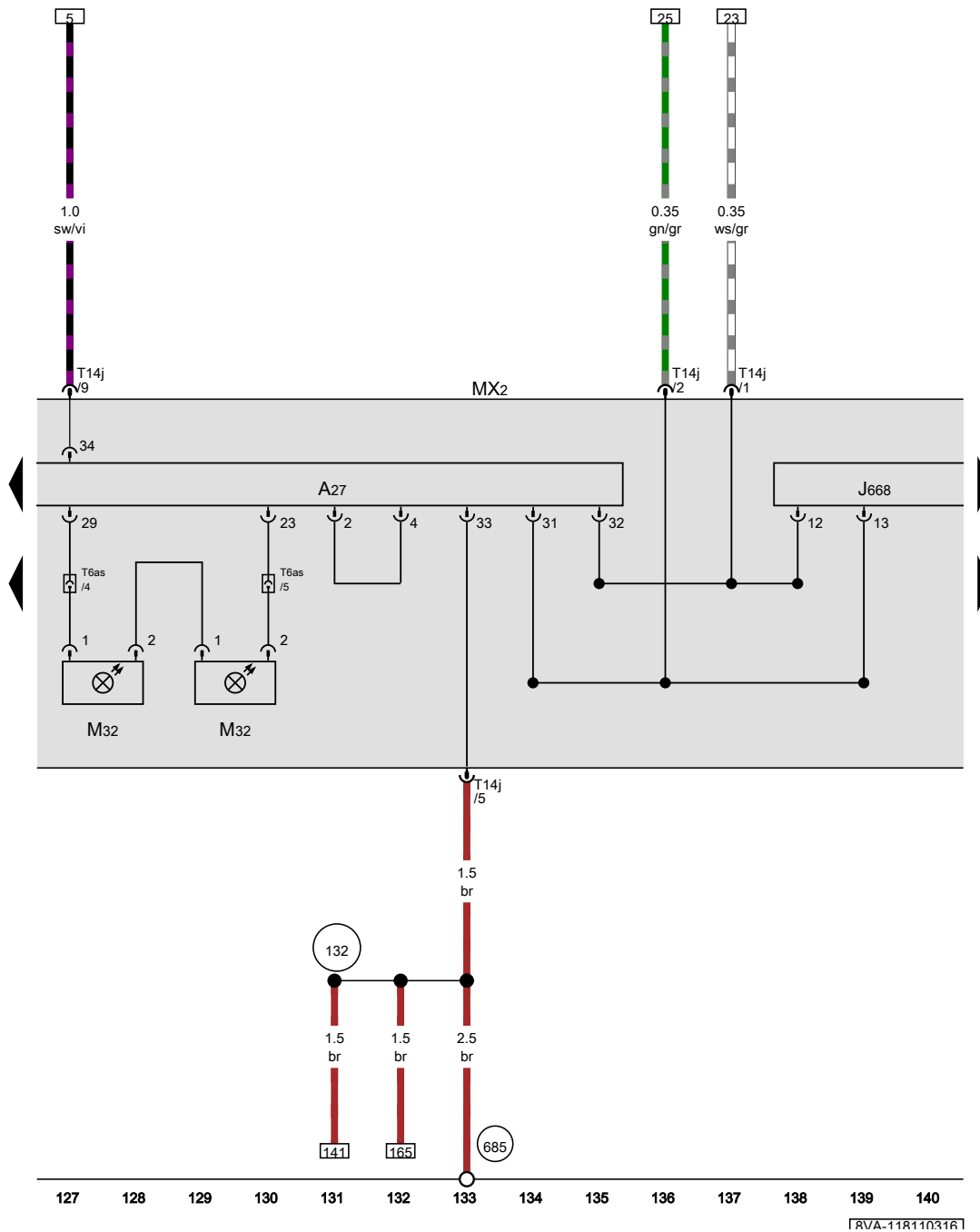
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Output module 1 for right LED headlight, Temperature sender 2 for right headlight, Temperature sender 3 for right headlight, Front right headlight, Right static cornering light

A27 Output module 1 for right LED headlight
G705 Temperature sender 2 for right headlight
G833 Temperature sender 3 for right headlight
MX2 Front right headlight
M52 Right static cornering light
T6ar 6-pin connector
T6as 6-pin connector



ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink



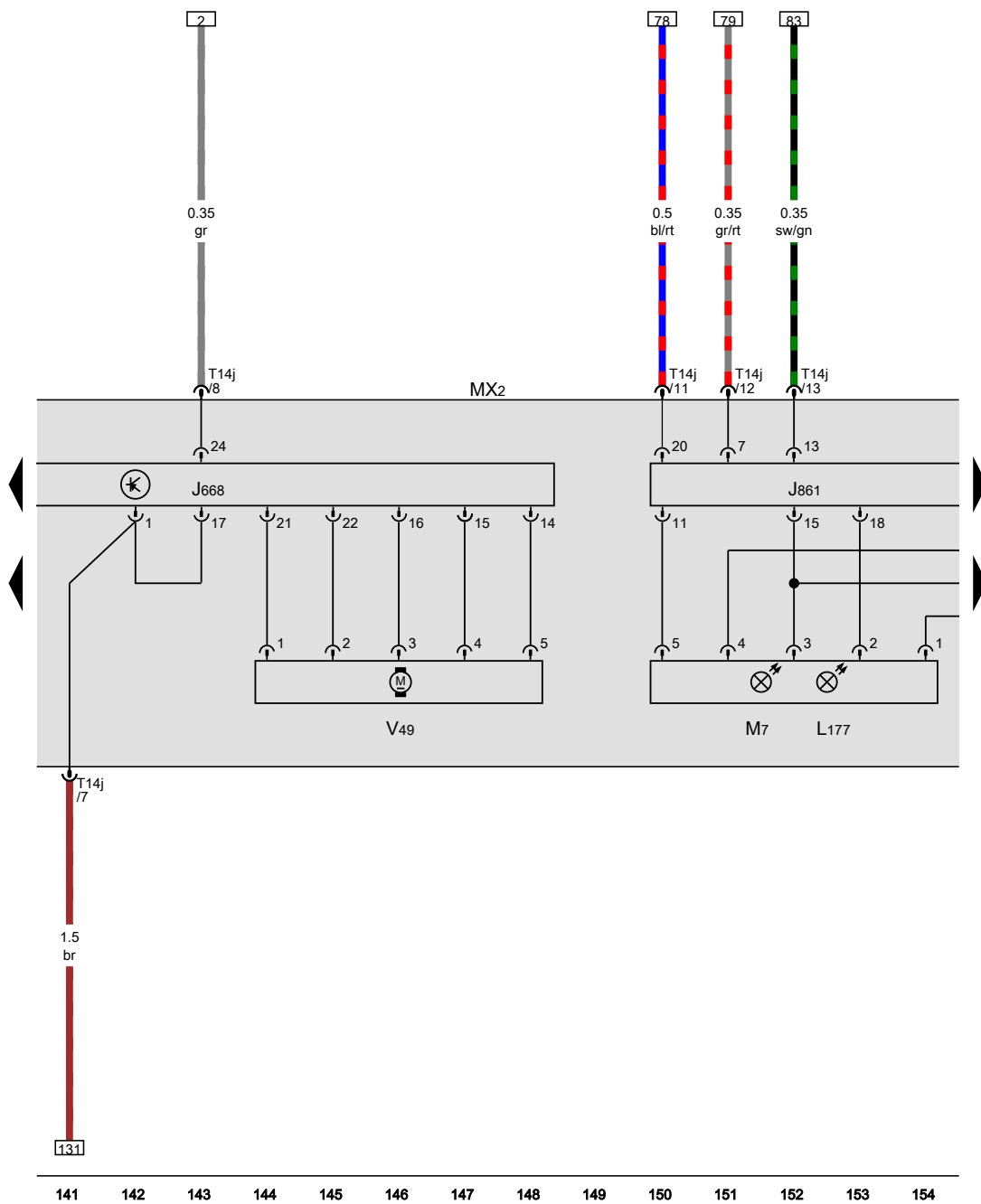
Output module 1 for right LED headlight, Output module for right headlight, Front right headlight, Right headlight main beam bulb

- A27 Output module 1 for right LED headlight
- J668 Output module for right headlight
- MX2 Front right headlight
- M32 Right headlight main beam bulb
- T6as 6-pin connector
- T14j 14-pin connector

132 Earth connection 3, in engine compartment wiring harness

685 Earth point 1 at front of right longitudinal member

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



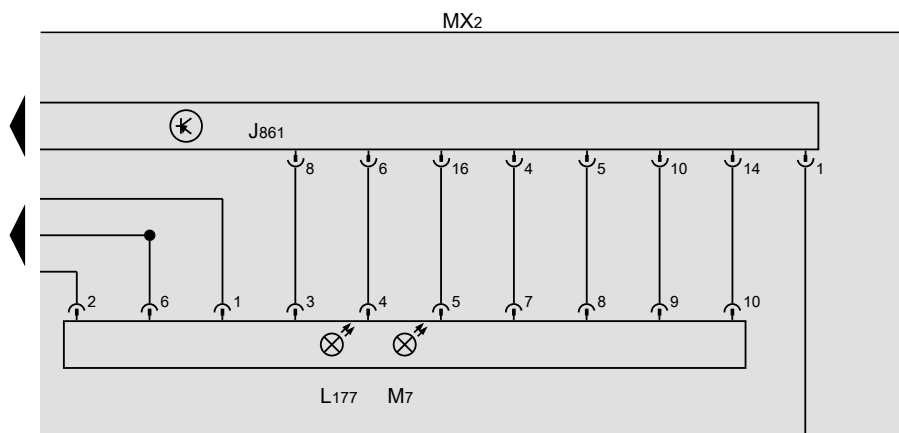
Output module for right headlight, Control unit for right daytime running light and side light, Right LED module for daytime running light and side light, Front right headlight, Front right turn signal bulb, Right headlight range control motor

- J668 Output module for right headlight
- J861 Control unit for right daytime running light and side light
- L177 Right LED module for daytime running light and side light
- MX2 Front right headlight
- M7 Front right turn signal bulb
- T14j 14-pin connector
- V49 Right headlight range control motor

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

Control unit for right daytime running light and side light,
Right LED module for daytime running light and side light,
Front right headlight, Front right turn signal bulb

J861 Control unit for right daytime running light and side light
L177 Right LED module for daytime running light and side light
MX2 Front right headlight
M7 Front right turn signal bulb
T14j 14-pin connector



T14j
/10

1.5
br

132

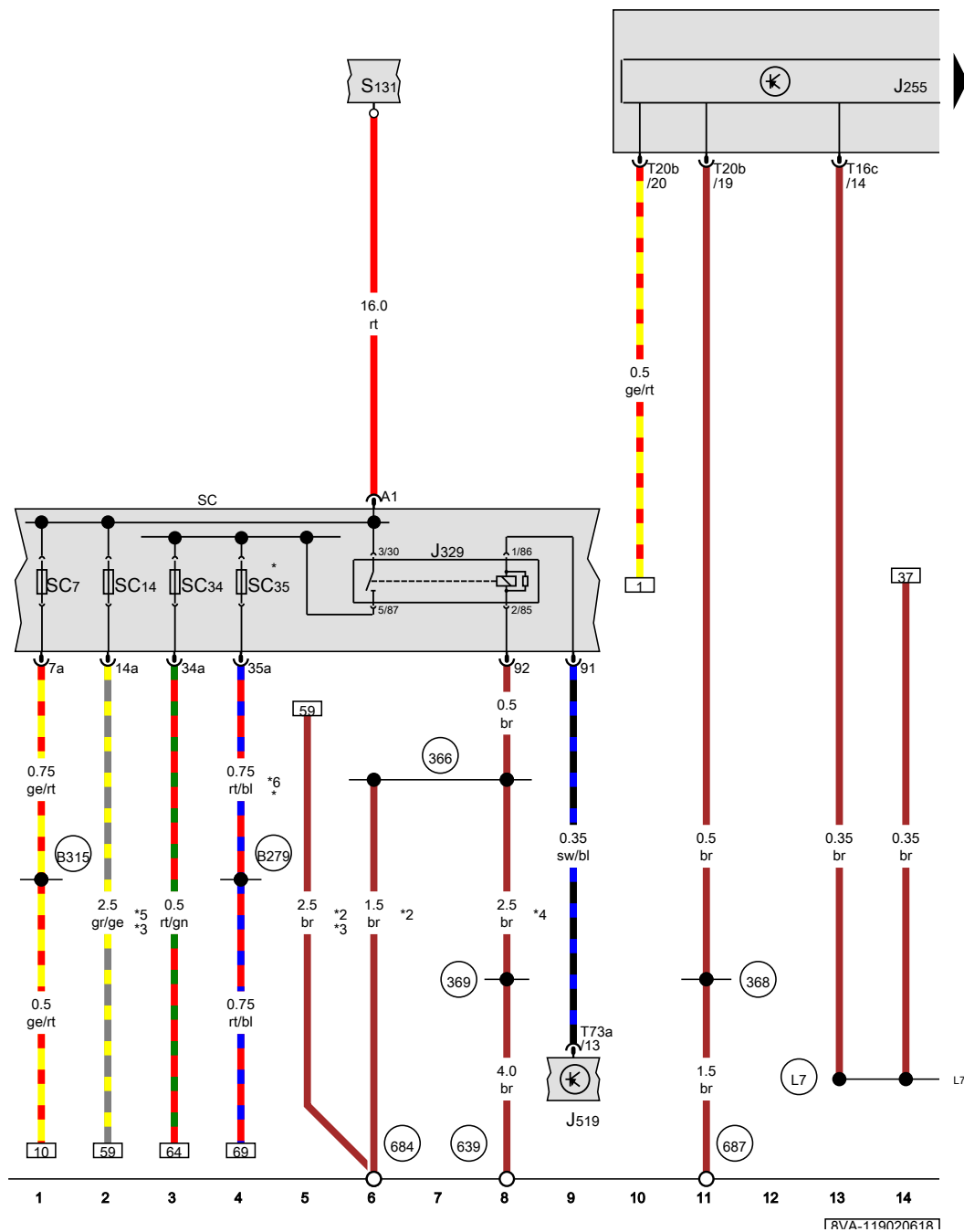
ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

155 156 157 158 159 160 161 162 163 164 165 166 167 168

[8VA-118130316]

Automatic air conditioning system , CZGB,DAZA,DNWA

From February 2015

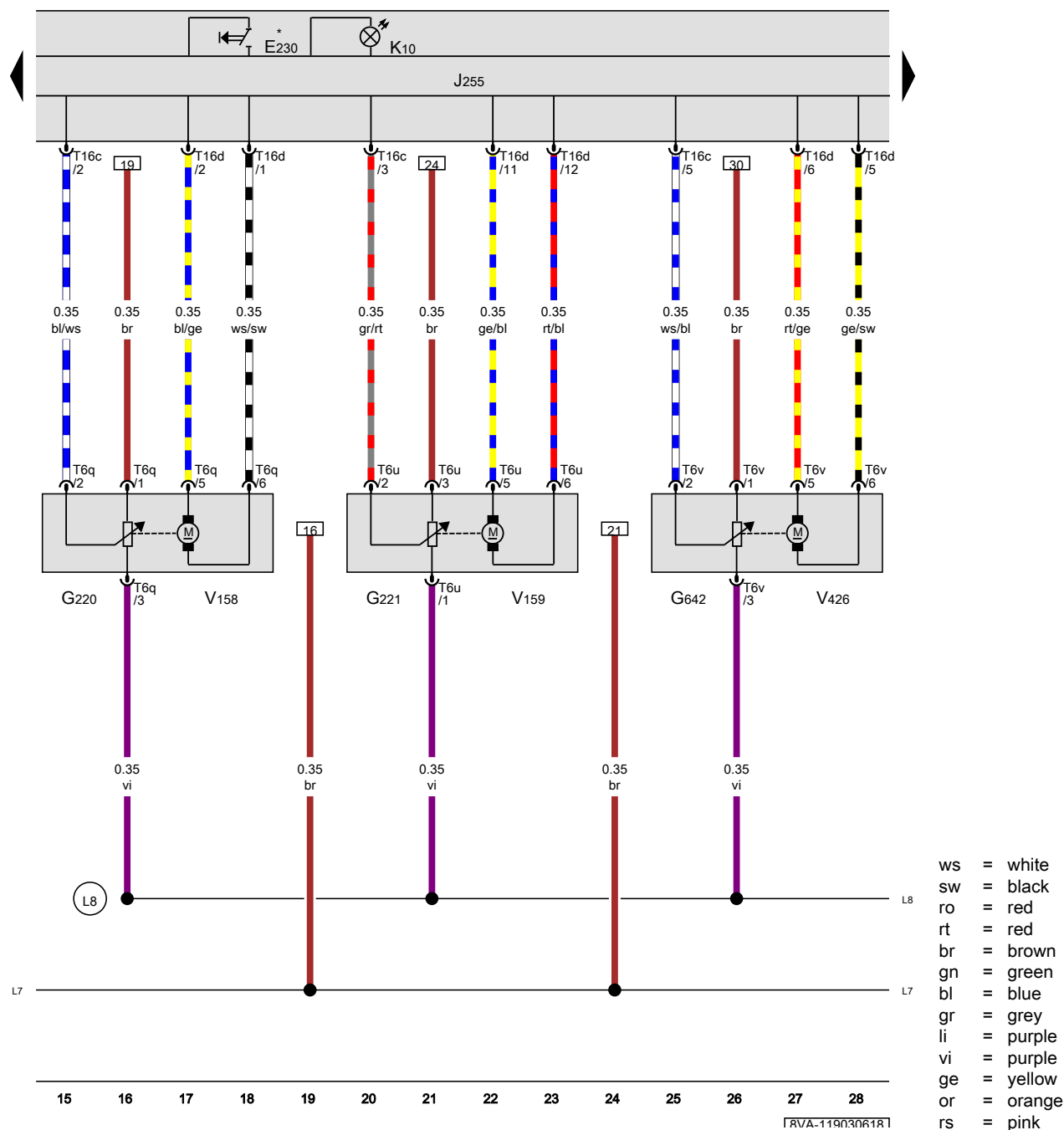


ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

Climatronic control unit, Terminal 15 voltage supply relay, Fuse holder C

J255 Climatronic control unit
 J329 Terminal 15 voltage supply relay
 J519 Onboard supply control unit
 SC Fuse holder C
 SC7 Fuse 7 on fuse holder C
 SC14 Fuse 14 on fuse holder C
 SC34 Fuse 34 on fuse holder C
 SC35 Fuse 35 on fuse holder C
 S131 Fuse 1
 T16c 16-pin connector
 T20b 20-pin connector
 T73a 73-pin connector

- 366 Earth connection 1, in main wiring harness
- 368 Earth connection 3, in main wiring harness
- 369 Earth connection 4, in main wiring harness
- 639 Earth point, left A-pillar
- 684 Earth point on front of left side member
- 687 Earth point 1, on centre tunnel
- B279 Positive connection 3 (15a) in main wiring harness
- B315 Positive connection 1 (30a) in main wiring harness
- L7 Connection 3, in evaporator housing unit wiring harness
- * Fuse rating depends on equipment, see fitting locations
- *2 For right-hand drive models
- *3 Cross-section 4.0 possible
- *4 For left-hand drive models
- *5 Different wire colour possible
- *6 Cross section depends on equipment



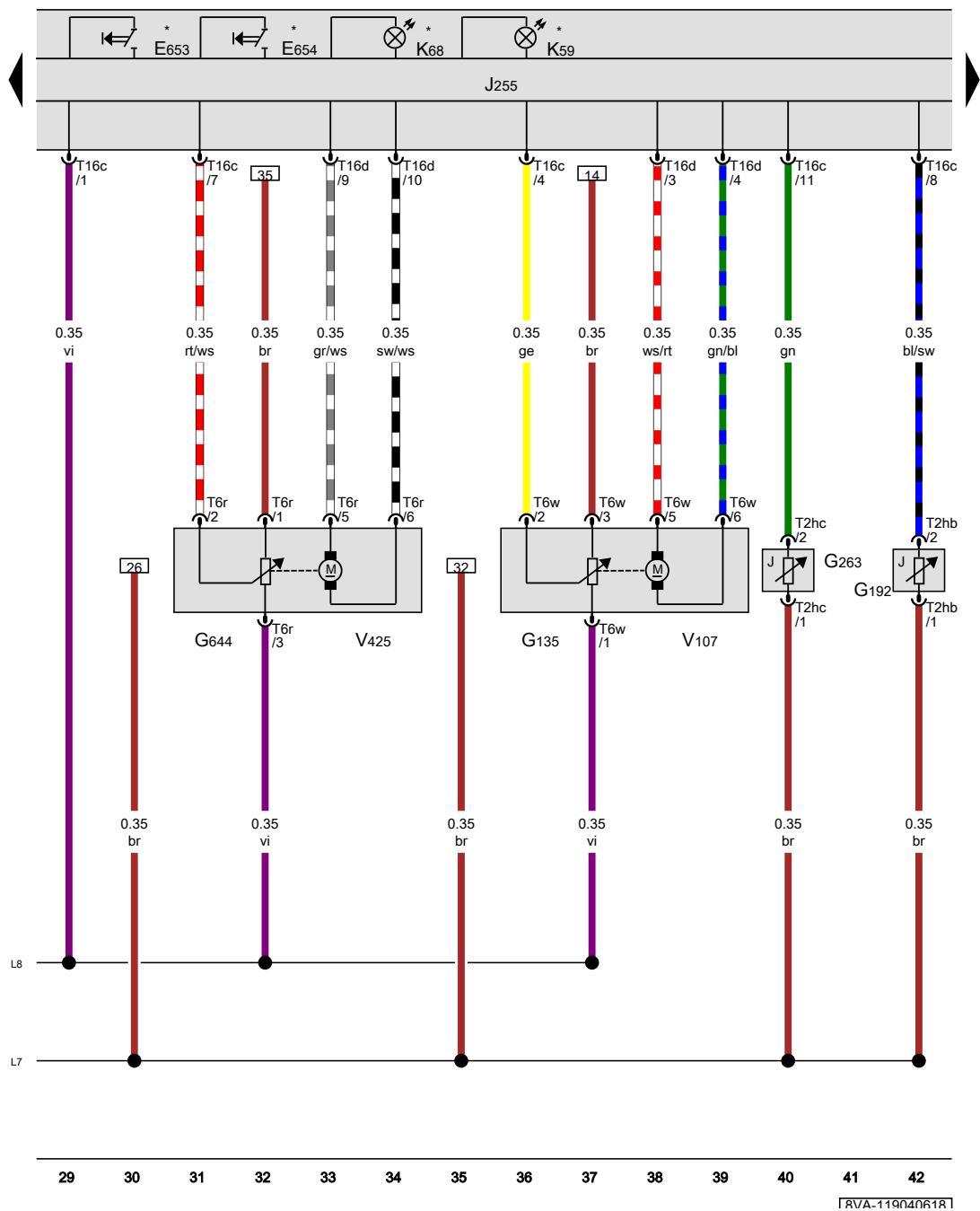
Potentiometer for left temperature flap control motor,
 Potentiometer for right temperature flap control motor,
 Potentiometer for front air distribution flap control motor,
 Climatronic control unit, Left temperature flap control motor,
 Right temperature flap control motor, Front air distribution
 flap control motor

E230	Heated rear window button
G220	Potentiometer for left temperature flap control motor
G221	Potentiometer for right temperature flap control motor
G642	Potentiometer for front air distribution flap control motor
J255	Climatronic control unit
K10	Heated rear window warning lamp
T6q	6-pin connector
T6u	6-pin connector
T6v	6-pin connector
T16c	16-pin connector
T16d	16-pin connector
V158	Left temperature flap control motor
V159	Right temperature flap control motor
V426	Front air distribution flap control motor

- L7 Connection 3, in evaporator housing unit wiring harness
- L8 Connection 4, in evaporator housing unit wiring harness

* Controls for heated rear window via CAN bus

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink



Potentiometer for defroster flap control motor, Footwell vent temperature sender, Evaporator output temperature sender, Potentiometer for fresh air/air recirculation, air flow flap control motor, Climatronic control unit, Defroster flap control motor, Fresh air/air recirculation, air flow flap control motor

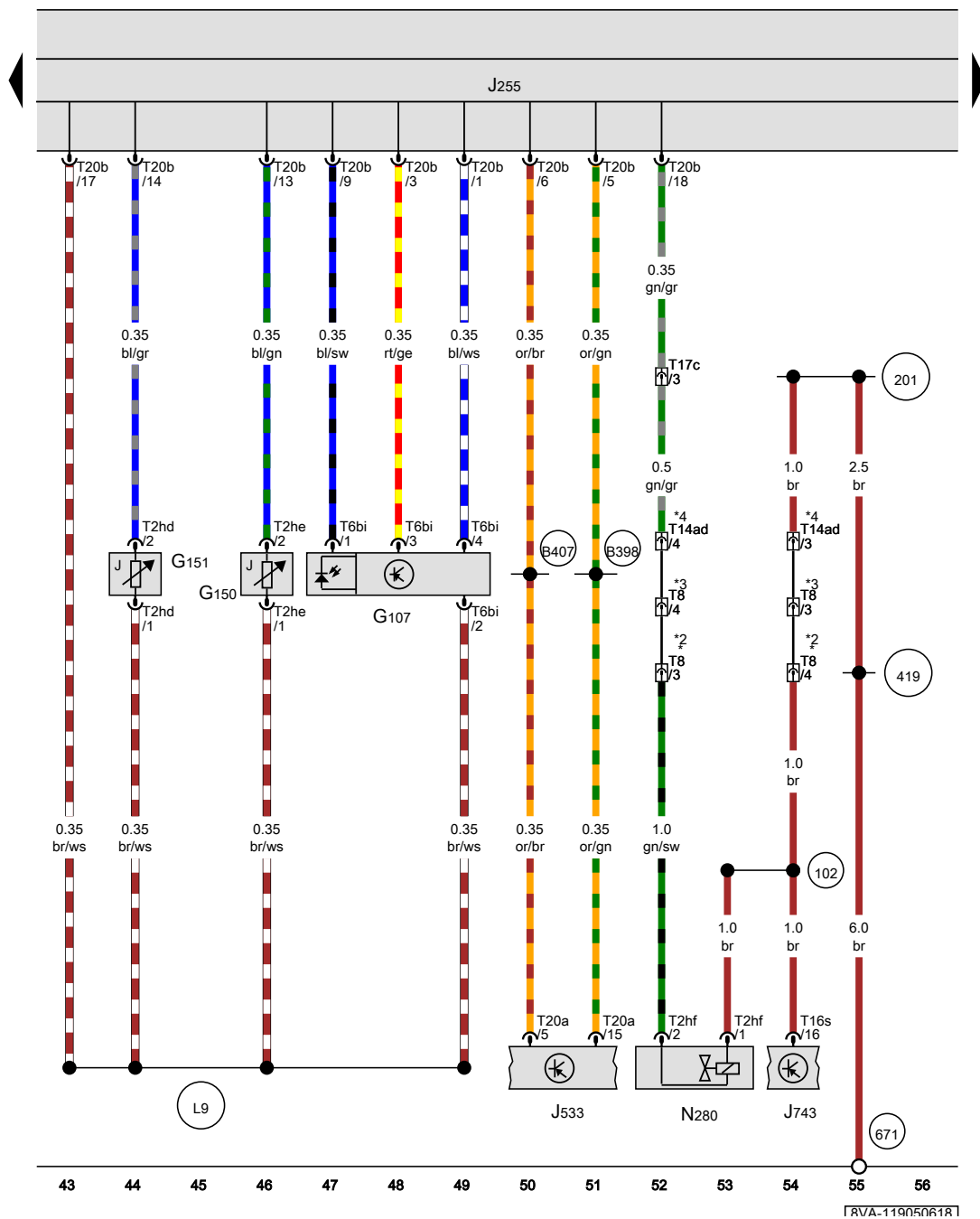
- E653 Button for left seat heating
- E654 Button for right seat heating
- G135 Potentiometer for defroster flap control motor
- G192 Footwell vent temperature sender
- G263 Evaporator output temperature sender
- G644 Potentiometer for fresh air/air recirculation, air flow flap control motor
- J255 Climatronic control unit
- K59 Heated driver seat warning lamp
- K68 Heated front passenger seat warning lamp
- T2hb 2-pin connector
- T2hc 2-pin connector
- T6r 6-pin connector
- T6w 6-pin connector
- T16c 16-pin connector
- T16d 16-pin connector
- V107 Defroster flap control motor
- V425 Fresh air/air recirculation, air flow flap control motor

L7 Connection 3, in evaporator housing unit wiring harness

L8 Connection 4, in evaporator housing unit wiring harness

* see applicable current flow diagram for seat heating

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



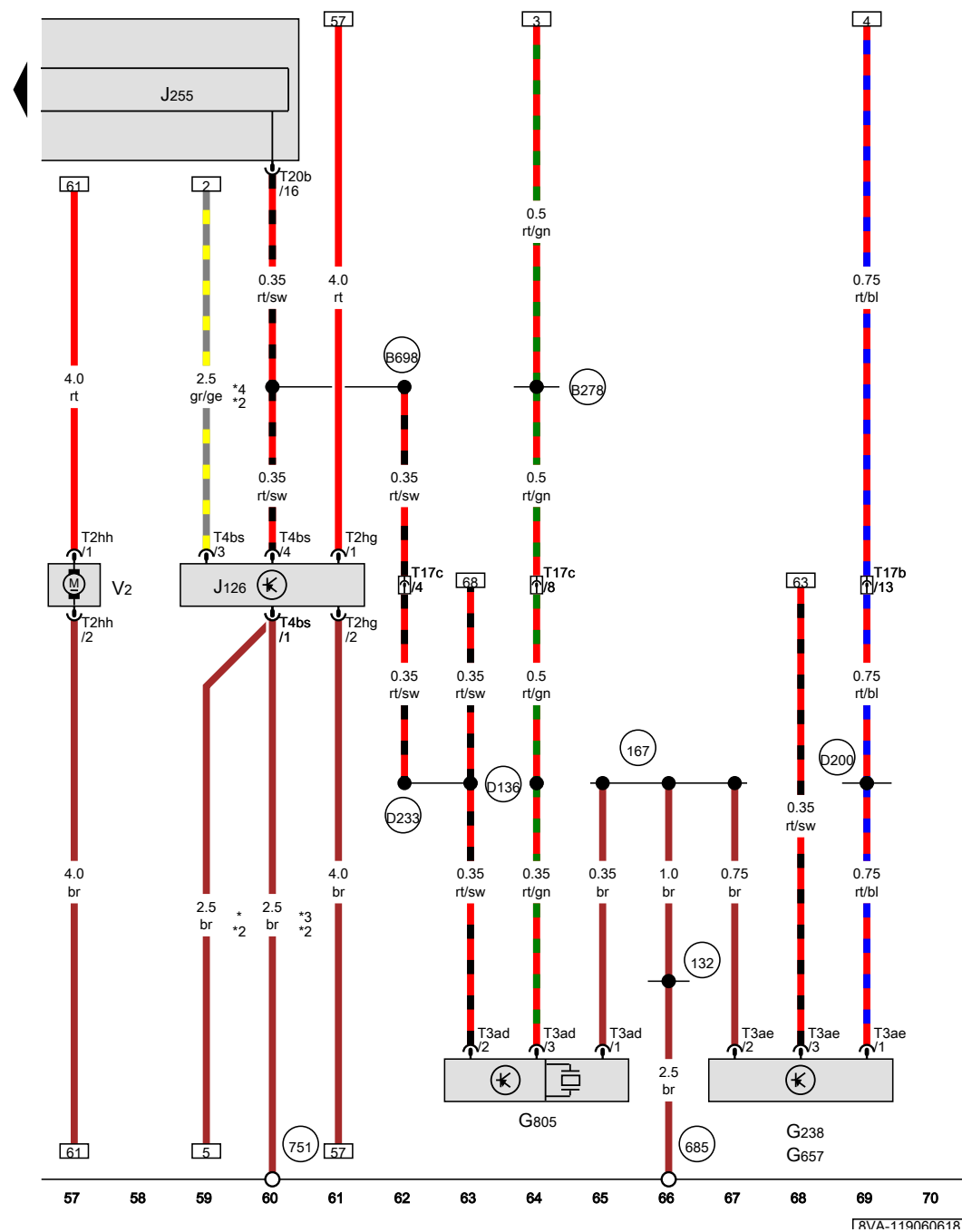
Sunlight penetration photosensor, Left vent temperature sender, Right vent temperature sender, Climatronic control unit, Data bus diagnostic interface, Air conditioner compressor regulating valve

- G107 Sunlight penetration photosensor
- G150 Left vent temperature sender
- G151 Right vent temperature sender
- J255 Climatronic control unit
- J533 Data bus diagnostic interface
- J743 Mechatronic unit for dual clutch gearbox
- N280 Air conditioner compressor regulating valve
- T2hd 2-pin connector
- T2he 2-pin connector
- T2hf 2-pin connector
- T6bi 6-pin connector
- T8 8-pin connector
- T14ad 14-pin connector, black
- T16s 16-pin connector
- T17c 17-pin connector
- T20a 20-pin connector
- T20b 20-pin connector

- 102 Earth connection, in gearbox wiring harness
- 201 Earth connection 5, in engine compartment wiring harness
- 419 Earth connection 11, in engine compartment wiring harness
- 671 Earth point 1, on front of left longitudinal member
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness
- L9 Connection 1, in air conditioning system wiring harness

- * From February 2015
- *2 Up to October 2016
- *3 From November 2016
- *4 From October 2018

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

Air quality sensor, Pressure sender for refrigerant circuit, Fresh air blower control unit, Climatronic control unit, Fresh air blower

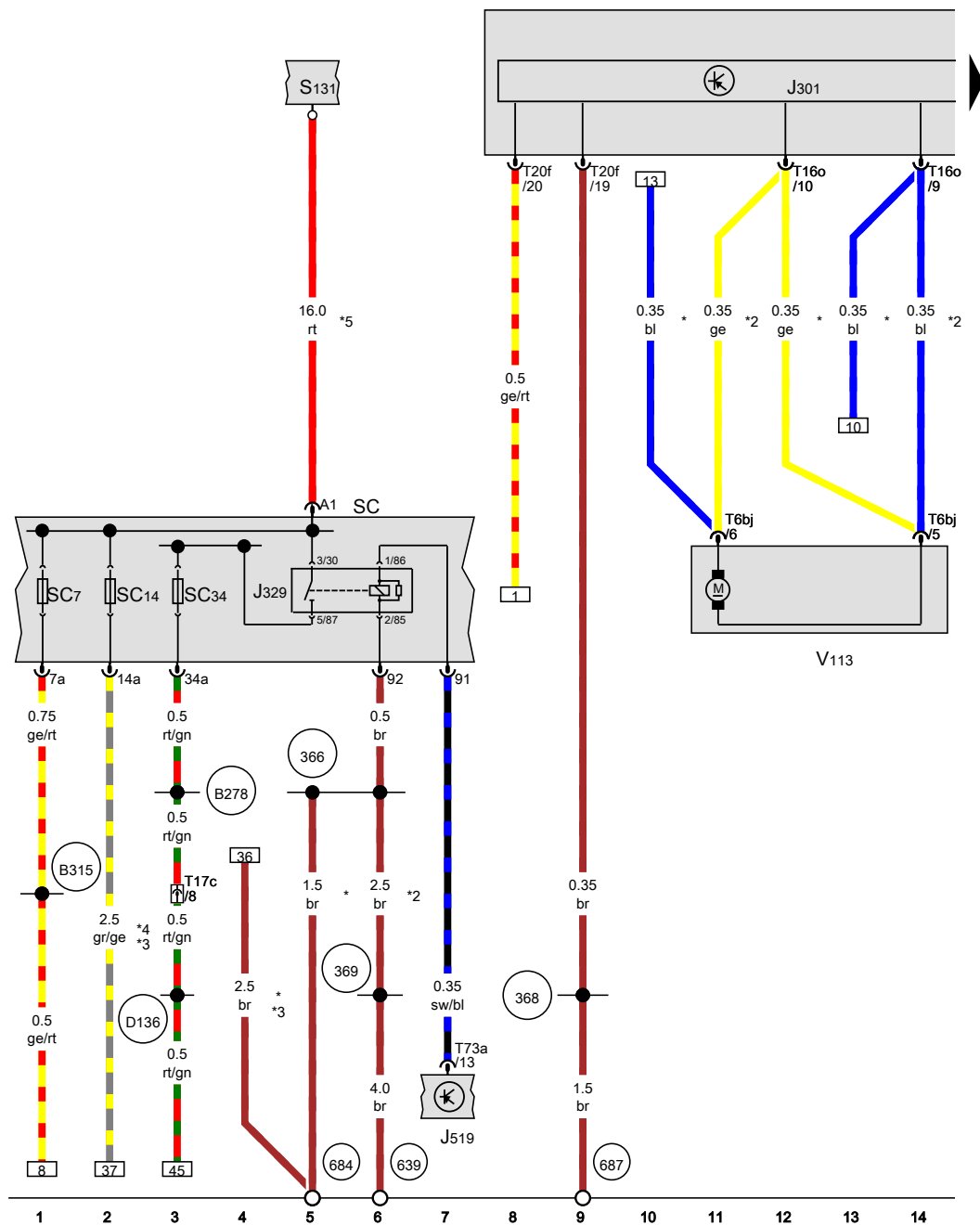
- G238 Air quality sensor
- G657 Humidity sender in fresh air intake duct
- G805 Pressure sender for refrigerant circuit
- J126 Fresh air blower control unit
- J255 Climatronic control unit
- T2hg 2-pin connector
- T2hh 2-pin connector
- T3ad 3-pin connector
- T3ae 3-pin connector
- T4bs 4-pin connector
- T17b 17-pin connector
- T17c 17-pin connector
- T20b 20-pin connector
- V2 Fresh air blower

- 132 Earth connection 3, in engine compartment wiring harness
- 167 Earth connection 4, in engine compartment wiring harness
- 685 Earth point 1, on front of right longitudinal member
- 751 Earth point 2, on right A-pillar
- B278 Positive connection 2 (15a) in main wiring harness
- B698 Connection 3 (LIN bus) in main wiring harness
- D136 Positive connection 2 (15a), in engine compartment wiring harness
- D200 Positive connection 3 (15a), in engine compartment wiring harness
- D233 Connection 2 (LIN bus) in engine compartment wiring harness

- * For right-hand drive models
- *2 Cross-section 4.0 possible
- *3 For left-hand drive models
- *4 Different wire colour possible

Air conditioning system with manual regulation , CZGB,DAZA

From February 2015



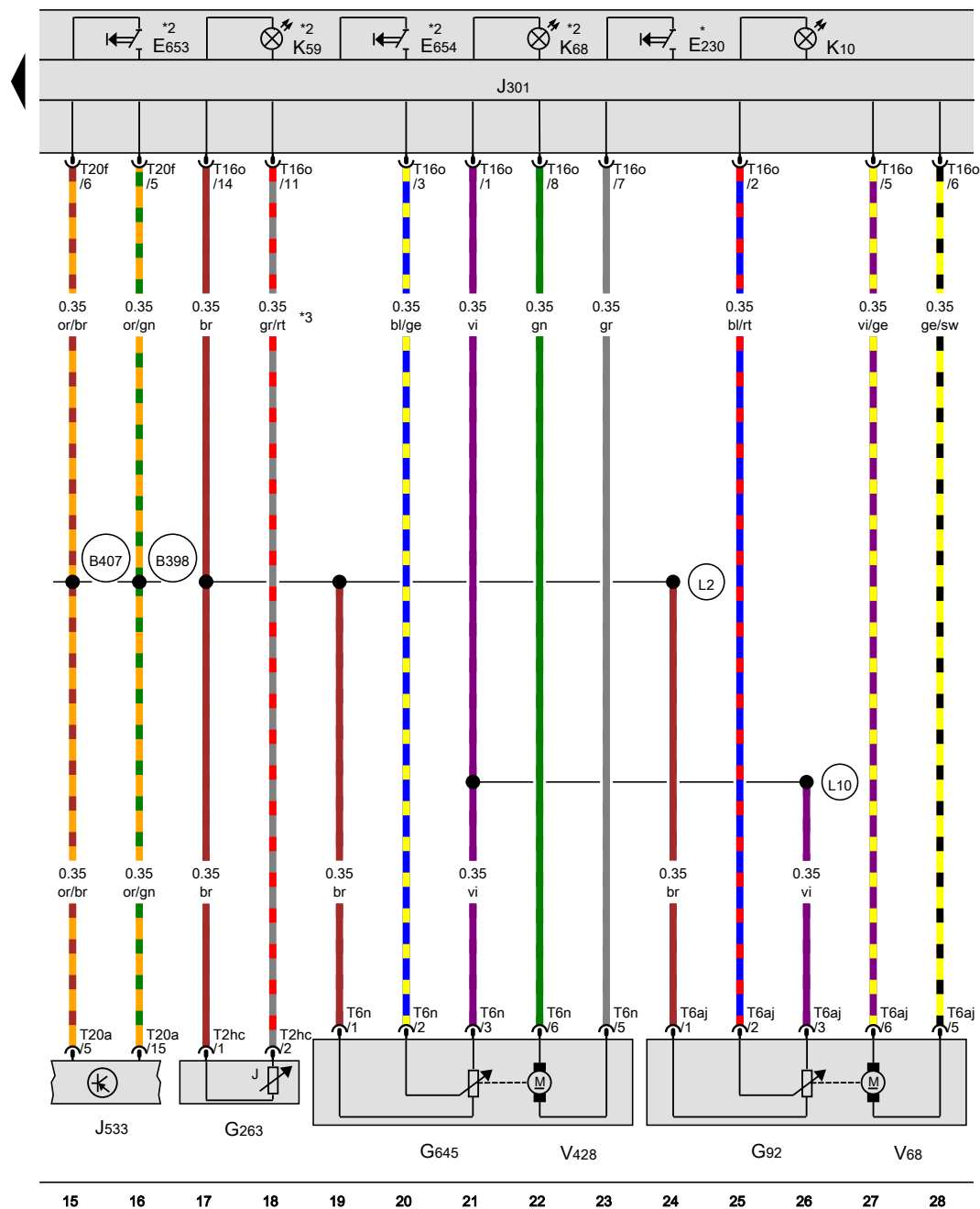
Air conditioning system control unit, Terminal 15 voltage supply relay, Fuse holder C, Air recirculation flap control motor

- J301 Air conditioning system control unit
- J329 Terminal 15 voltage supply relay
- J519 Onboard supply control unit
- SC Fuse holder C
- SC7 Fuse 7 on fuse holder C
- SC14 Fuse 14 on fuse holder C
- SC34 Fuse 34 on fuse holder C
- S131 Fuse 1
- T6bj 6-pin connector
- T16o 16-pin connector
- T17c 17-pin connector
- T20f 20-pin connector
- T73a 73-pin connector
- V113 Air recirculation flap control motor

- 366 Earth connection 1, in main wiring harness
- 368 Earth connection 3, in main wiring harness
- 369 Earth connection 4, in main wiring harness
- 639 Earth point, left A-pillar
- 684 Earth point on front of left side member
- 687 Earth point 1, on centre tunnel
- B278 Positive connection 2 (15a) in main wiring harness
- B315 Positive connection 1 (30a) in main wiring harness
- D136 Positive connection 2 (15a), in engine compartment wiring harness

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

- * Only right-hand drive models
- *2 Only left-hand drive models
- *3 Cross-section 4.0 possible
- *4 Different wire colour possible
- *5 see applicable current flow diagram for battery

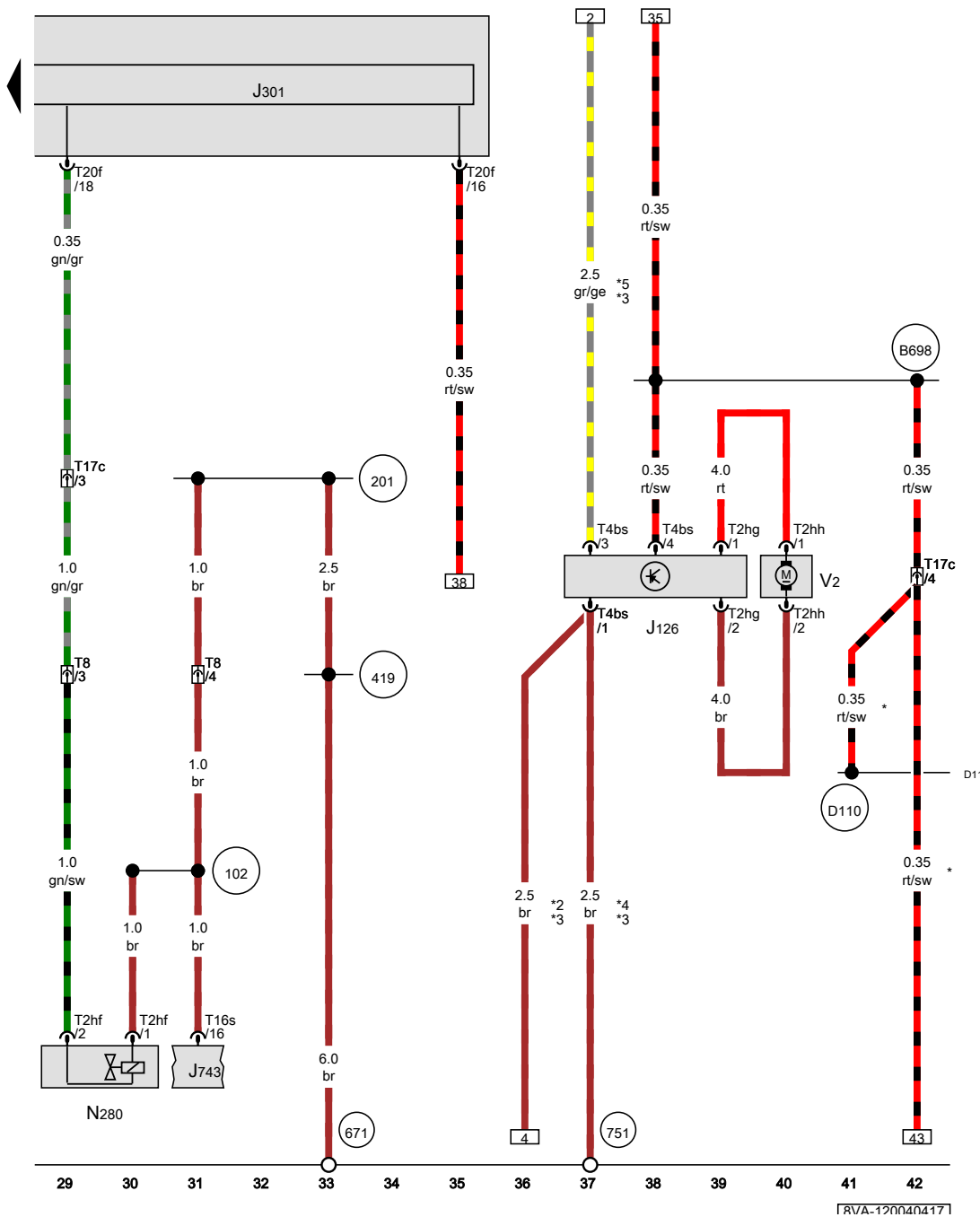


Potentiometer for temperature flap control motor, Evaporator output temperature sender, Potentiometer for air distribution flap control motor, Air conditioning system control unit, Data bus diagnostic interface, Temperature flap control motor, Air distribution flap control motor

- E230 Heated rear window button
- E653 Button for left seat heating
- E654 Button for right seat heating
- G92 Potentiometer for temperature flap control motor
- G263 Evaporator output temperature sender
- G645 Potentiometer for air distribution flap control motor
- J301 Air conditioning system control unit
- J533 Data bus diagnostic interface
- K10 Heated rear window warning lamp
- K59 Heated driver seat warning lamp
- K68 Heated front passenger seat warning lamp
- T2hc 2-pin connector
- T6aj 6-pin connector
- T6n 6-pin connector
- T16o 16-pin connector
- T20a 20-pin connector
- T20f 20-pin connector
- V68 Temperature flap control motor
- V428 Air distribution flap control motor
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness
- L2 Connection in air conditioning system wiring harness
- L10 Connection 2, in air conditioning system wiring harness

* Controls for heated rear window via CAN bus
 *2 see applicable current flow diagram for seat heating
 *3 Wiring colour depends on equipment

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



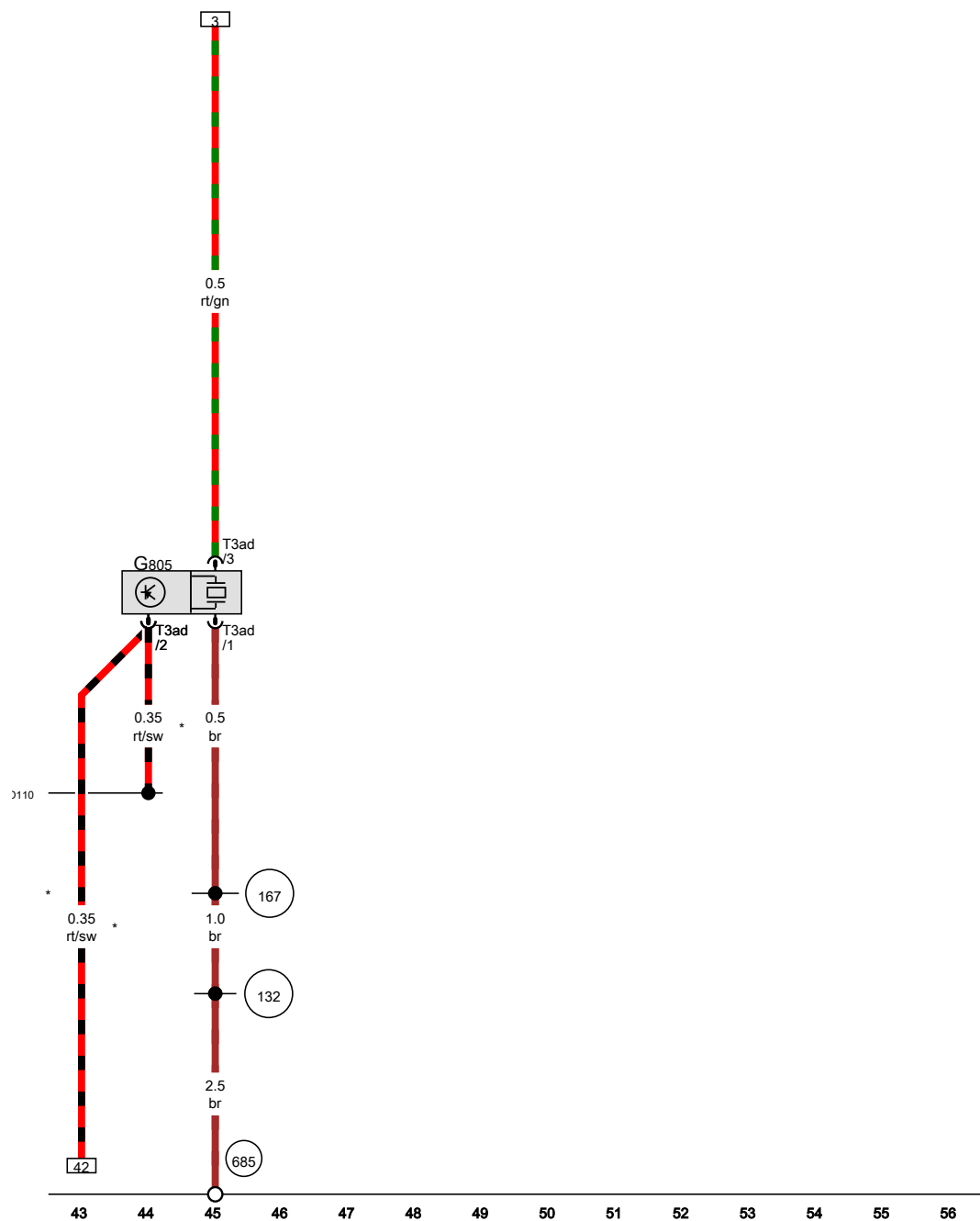
Fresh air blower control unit, Air conditioning system control unit, Air conditioner compressor regulating valve, Fresh air blower

- J126 Fresh air blower control unit
- J301 Air conditioning system control unit
- J743 Mechatronic unit for dual clutch gearbox
- N280 Air conditioner compressor regulating valve
- T2hf 2-pin connector
- T2hg 2-pin connector
- T2hh 2-pin connector
- T4bs 4-pin connector
- T8 8-pin connector, near front left longitudinal member
- T16s 16-pin connector
- T17c 17-pin connector
- T20f 20-pin connector
- V2 Fresh air blower

- 102 Earth connection, in gearbox wiring harness
- 201 Earth connection 5, in engine compartment wiring harness
- 419 Earth connection 11, in engine compartment wiring harness
- 671 Earth point 1, on front of left longitudinal member
- 751 Earth point 2, on right A-pillar
- B698 Connection 3 (LIN bus) in main wiring harness
- D110 Connection 8 in engine compartment wiring harness

- * According to equipment
- *2 Only right-hand drive models
- *3 Cross-section 4.0 possible
- *4 Only left-hand drive models
- *5 Different wire colour possible

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



Pressure sender for refrigerant circuit

G805 Pressure sender for refrigerant circuit

T3ad 3-pin connector

132 Earth connection 3, in engine compartment wiring harness

167 Earth connection 4, in engine compartment wiring harness

685 Earth point 1, on front of right longitudinal member

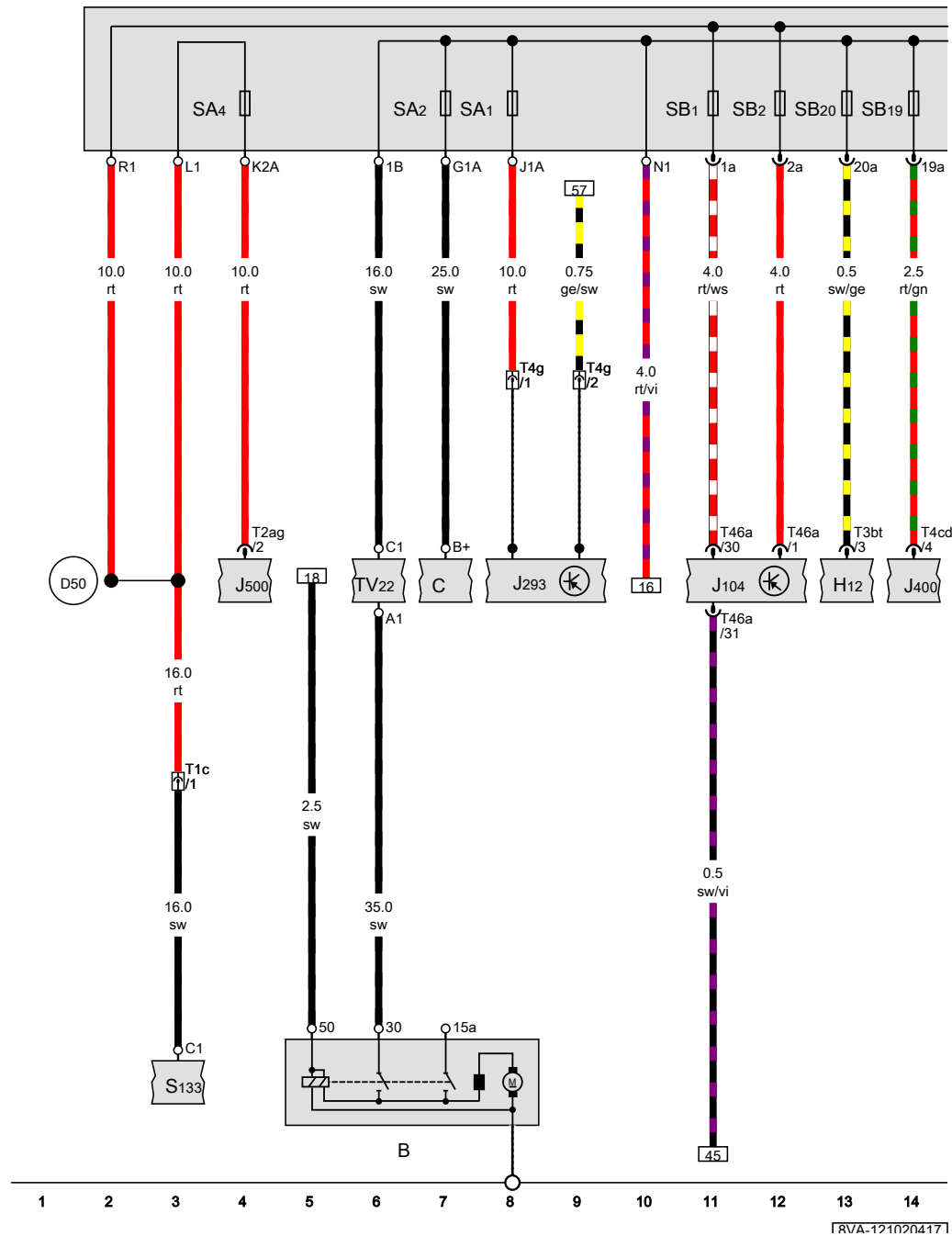
D110 Connection 8 in engine compartment wiring harness

* According to equipment



Fuse assignment , CZGB

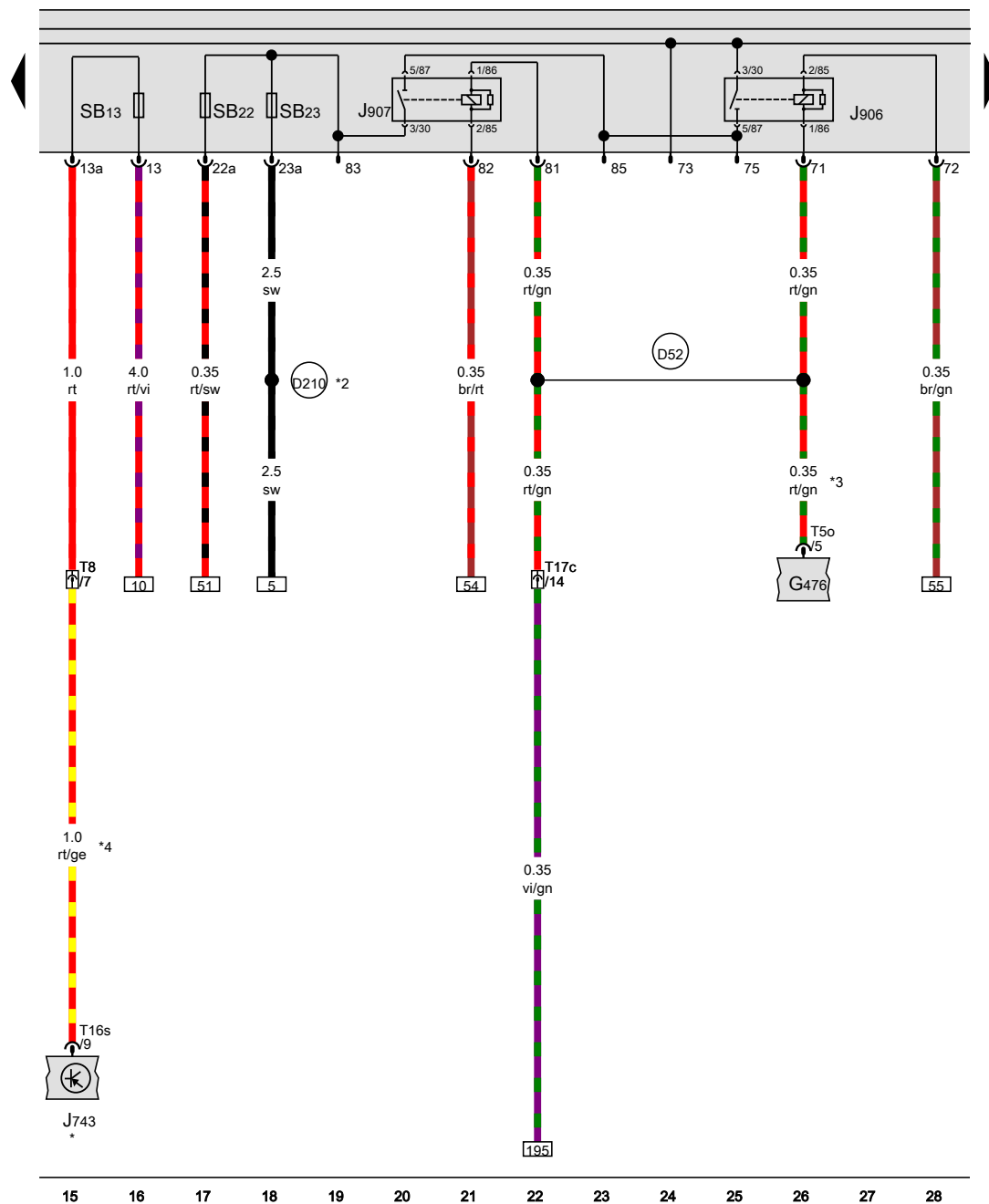
From February 2015



Starter, Power steering control unit, Fuse 1 on fuse holder A, Fuse 1 on fuse holder B, Fuse 2 on fuse holder A, Fuse 2 on fuse holder B, Fuse 4 on fuse holder A, Fuse 19 on fuse holder B, Fuse 20 on fuse holder B

- B Starter
- C Alternator
- H12 Alarm horn
- J104 ABS control unit
- J293 Radiator fan control unit
- J400 Wiper motor control unit
- J500 Power steering control unit
- SA1 Fuse 1 on fuse holder A
- SB1 Fuse 1 on fuse holder B
- SA2 Fuse 2 on fuse holder A
- SB2 Fuse 2 on fuse holder B
- SA4 Fuse 4 on fuse holder A
- SB19 Fuse 19 on fuse holder B
- SB20 Fuse 20 on fuse holder B
- S133 Fuse 3
- T1a 1-pin connector
- T1c 1-pin connector
- T2ag 2-pin connector
- T3bt 3-pin connector
- T4cd 4-pin connector
- T4g 4-pin connector
- T46a 46-pin connector
- TV22 Terminal 30 wiring junction 2
- D50 Positive connection (30), in engine compartment wiring harness

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



Starter relay 1, Starter relay 2, Fuse 13 on fuse holder B, Fuse 22 on fuse holder B, Fuse 23 on fuse holder B

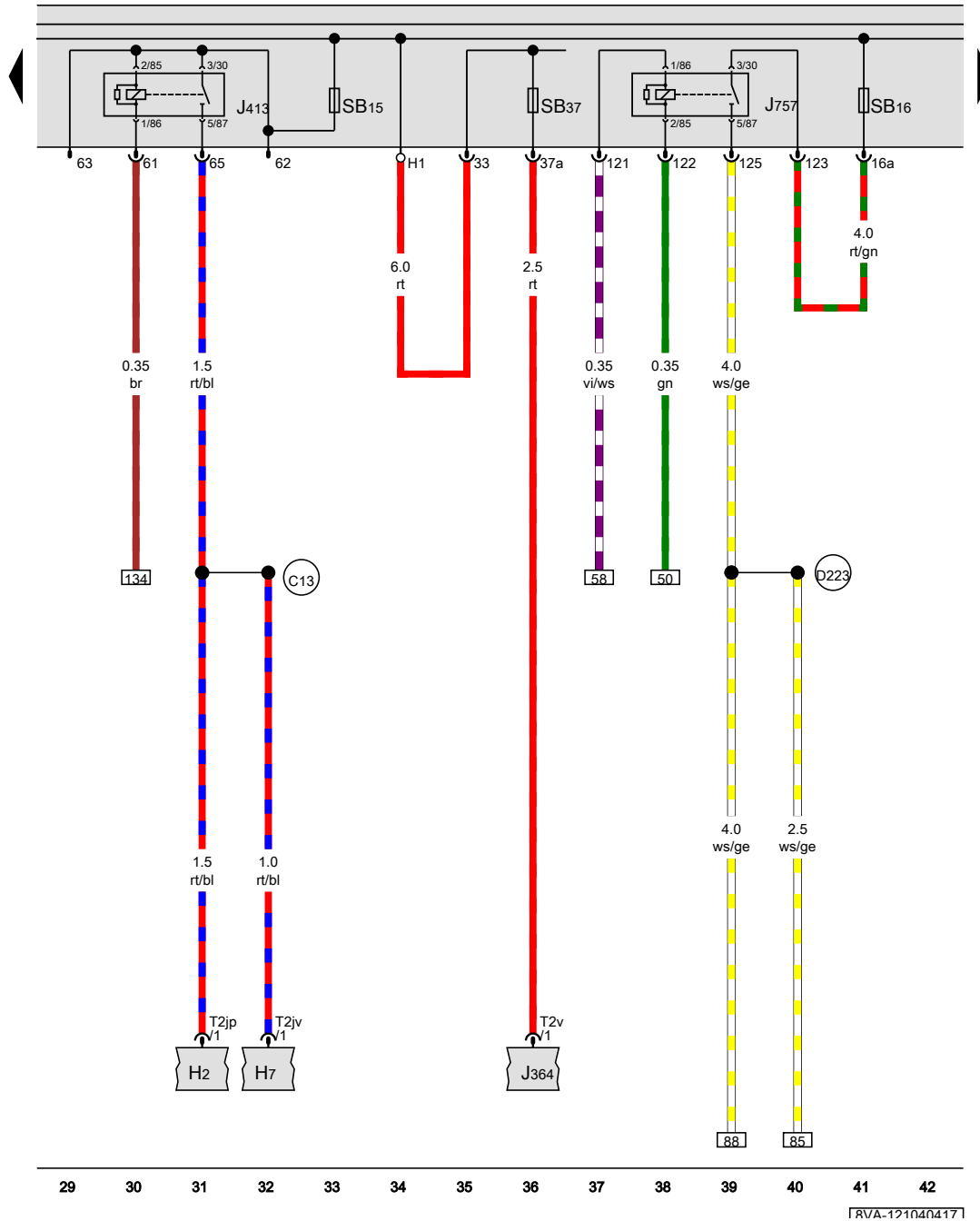
- G476 Clutch position sender
- J743 Mechatronic unit for dual clutch gearbox
- J906 Starter relay 1
- J907 Starter relay 2
- SB13 Fuse 13 on fuse holder B
- SB22 Fuse 22 on fuse holder B
- SB23 Fuse 23 on fuse holder B
- T5o 5-pin connector
- T8 8-pin connector
- T16s 16-pin connector
- T17c 17-pin connector

D52 Positive connection (15a), in engine compartment wiring harness

D210 Connection (50), in engine compartment wiring harness

- * see applicable current flow diagram for dual clutch gearbox
- *2 According to equipment
- *3 If fitted
- *4 Wiring colour depends on equipment

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



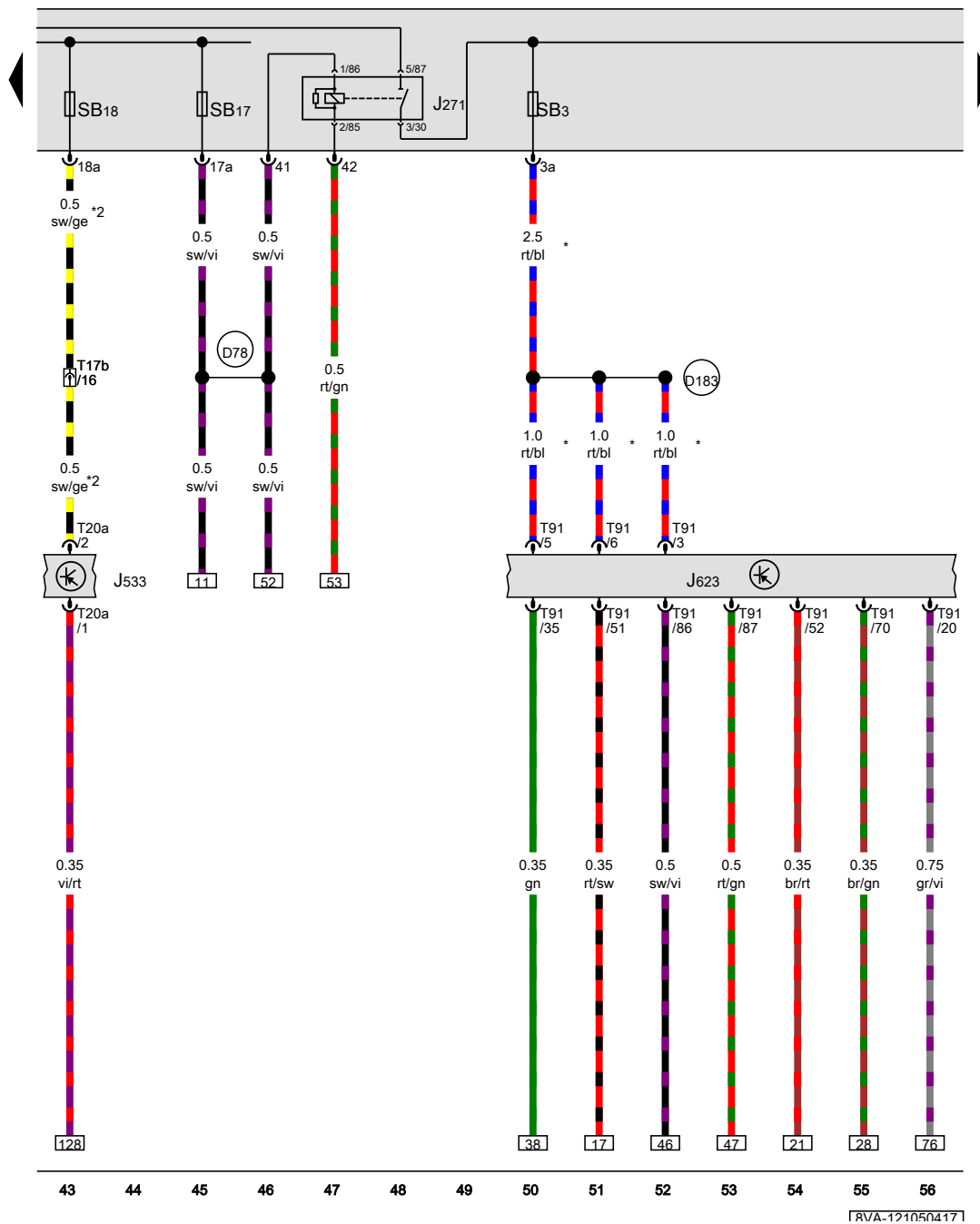
Treble horn, Bass horn, Auxiliary heater control unit, Horn relay, Engine component current supply relay, Fuse 15 on fuse holder B, Fuse 16 on fuse holder B, Fuse 37 on fuse holder B

- H2 Treble horn
- H7 Bass horn
- J364 Auxiliary heater control unit
- J413 Horn relay
- J757 Engine component current supply relay
- SB15 Fuse 15 on fuse holder B
- SB16 Fuse 16 on fuse holder B
- SB37 Fuse 37 on fuse holder B
- T2jp 2-pin connector
- T2jv 2-pin connector
- T2v 2-pin connector

C13 Positive connection in dual tone horn wiring harness

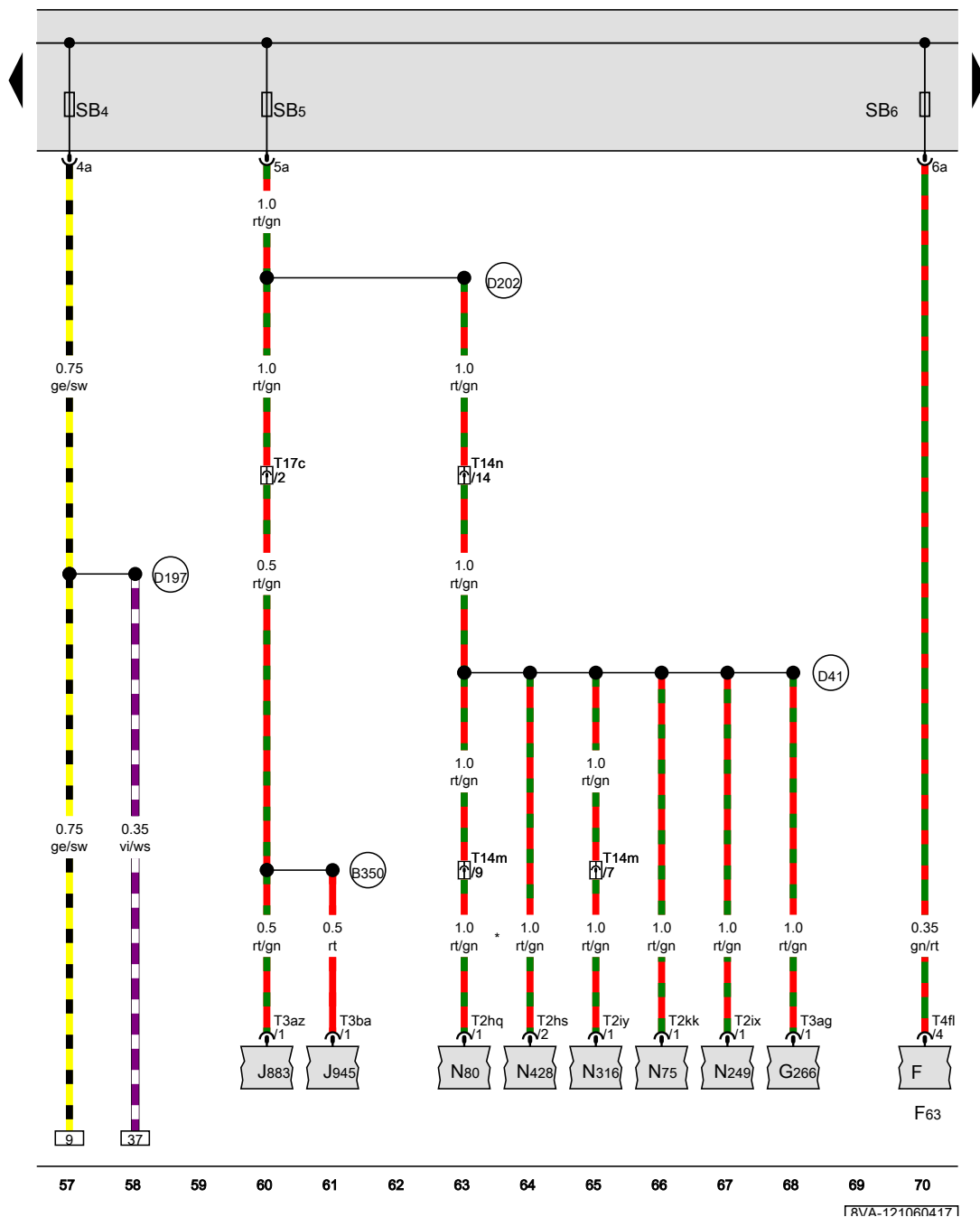
D223 Connection 11 (87a), in engine compartment wiring harness

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



Main relay, Engine control unit, Fuse 3 on fuse holder B, Fuse 17 on fuse holder B, Fuse 18 on fuse holder B

- J271 Main relay
- J533 Data bus diagnostic interface
- J623 Engine control unit
- SB3 Fuse 3 on fuse holder B
- SB17 Fuse 17 on fuse holder B
- SB18 Fuse 18 on fuse holder B
- T17b 17-pin connector
- T20a 20-pin connector
- T91 91-pin connector
- D78 Positive connection 1 (30a), in engine compartment wiring harness
- D183 Connection 4 (87a), in engine compartment wiring harness
- * Wiring colour depends on equipment
- *2 Only models with no start/stop system



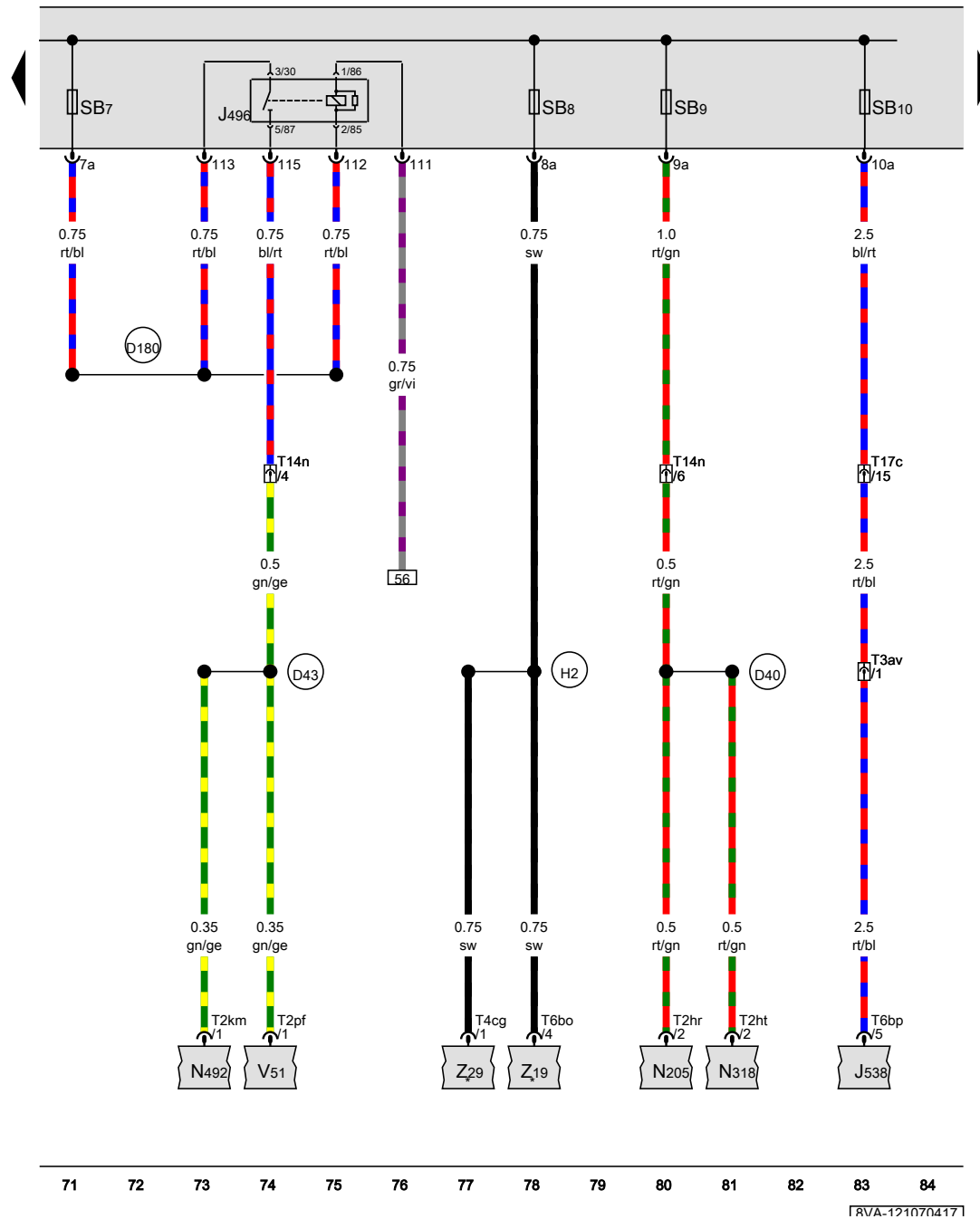
Fuse 4 on fuse holder B, Fuse 5 on fuse holder B, Fuse 6 on fuse holder B

- F Brake light switch
- F63 Brake pedal switch
- G266 Oil level and oil temperature sender
- J883 Exhaust flap control unit
- J945 Exhaust flap control unit 2
- N75 Charge pressure control solenoid valve
- N80 Activated charcoal filter solenoid valve 1
- N249 Turbocharger air recirculation valve
- N316 Intake manifold flap valve
- N428 Valve for oil pressure control
- SB4 Fuse 4 on fuse holder B
- SB5 Fuse 5 on fuse holder B
- SB6 Fuse 6 on fuse holder B
- T2hq 2-pin connector
- T2hs 2-pin connector
- T2ix 2-pin connector
- T2iy 2-pin connector
- T2kk 2-pin connector
- T3ag 3-pin connector
- T3az 3-pin connector
- T3ba 3-pin connector
- T4fl 4-pin connector, black
- T14m 14-pin connector
- T14n 14-pin connector
- T17c 17-pin connector

- B350 Positive connection 1 (87a) in main wiring harness
- D41 Connection 3, in engine prewiring harness
- D197 Connection 5 (87a), in engine compartment wiring harness
- D202 Connection 6 (87a), in engine compartment wiring harness

* Wiring colour depends on equipment

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



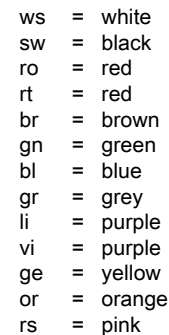
Additional coolant pump relay, Fuse 7 on fuse holder B, Fuse 8 on fuse holder B, Fuse 9 on fuse holder B, Fuse 10 on fuse holder B

- J496 Additional coolant pump relay
- J538 Fuel pump control unit
- N205 Camshaft control valve 1
- N318 Exhaust camshaft control valve 1
- N492 Solenoid for coolant circuit
- SB7 Fuse 7 on fuse holder B
- SB8 Fuse 8 on fuse holder B
- SB9 Fuse 9 on fuse holder B
- SB10 Fuse 10 on fuse holder B
- T2hr 2-pin connector
- T2ht 2-pin connector
- T2km 2-pin connector
- T2pf 2-pin connector
- T3av 3-pin connector
- T4cg 4-pin connector
- T6bo 6-pin connector
- T6bp 6-pin connector
- T14n 14-pin connector
- T17c 17-pin connector
- V51 Continued coolant circulation pump
- Z19 Lambda probe heater
- Z29 Lambda probe 1 heater after catalytic converter

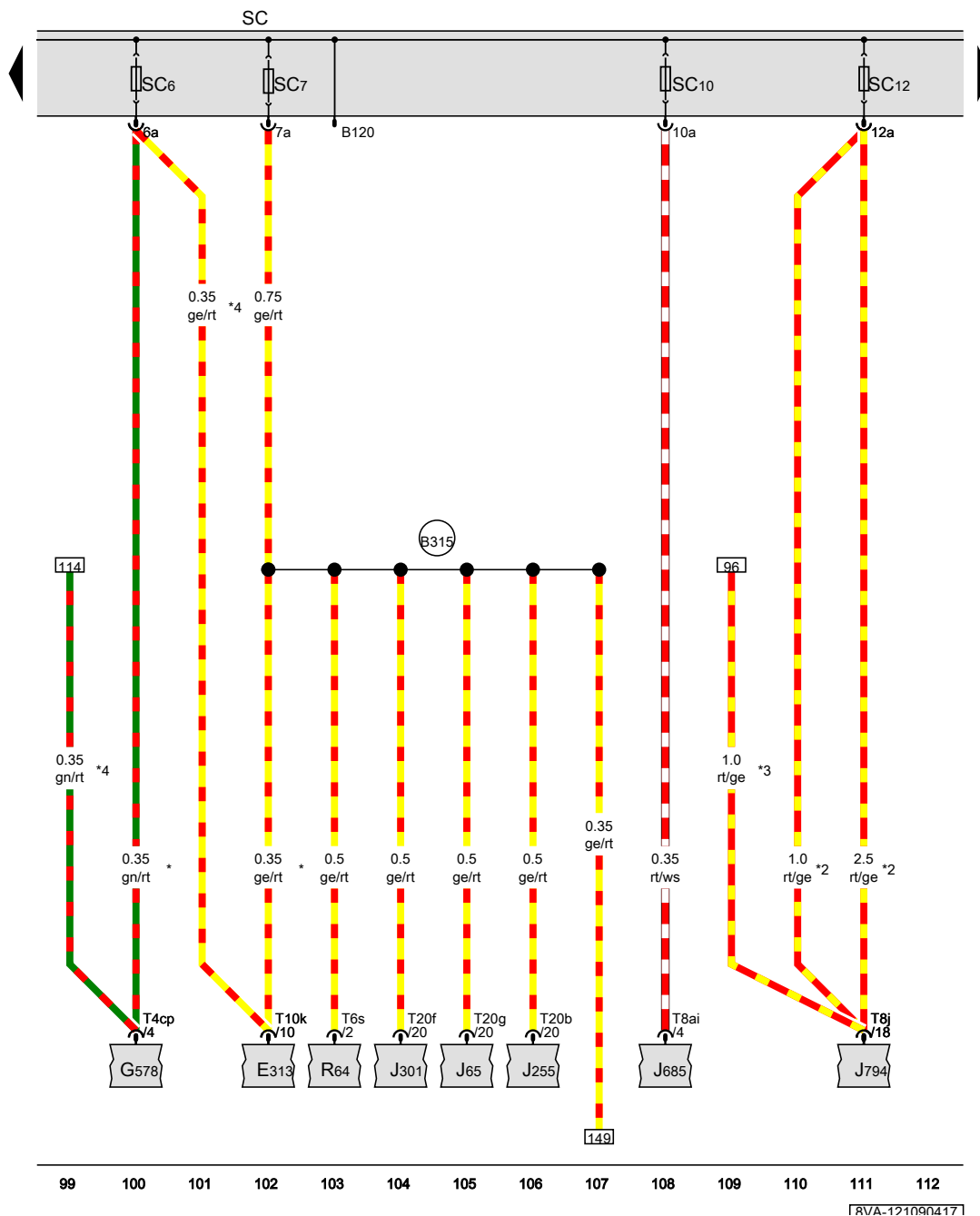
- D40 Connection 2, in engine prewiring harness
- D43 Connection 5, in engine prewiring harness
- D180 Connection (87a), in engine compartment wiring harness
- H2 Connection in Lambda wiring harness

* Pre-wired component

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



*2 Only models with Bang & Olufsen sound system



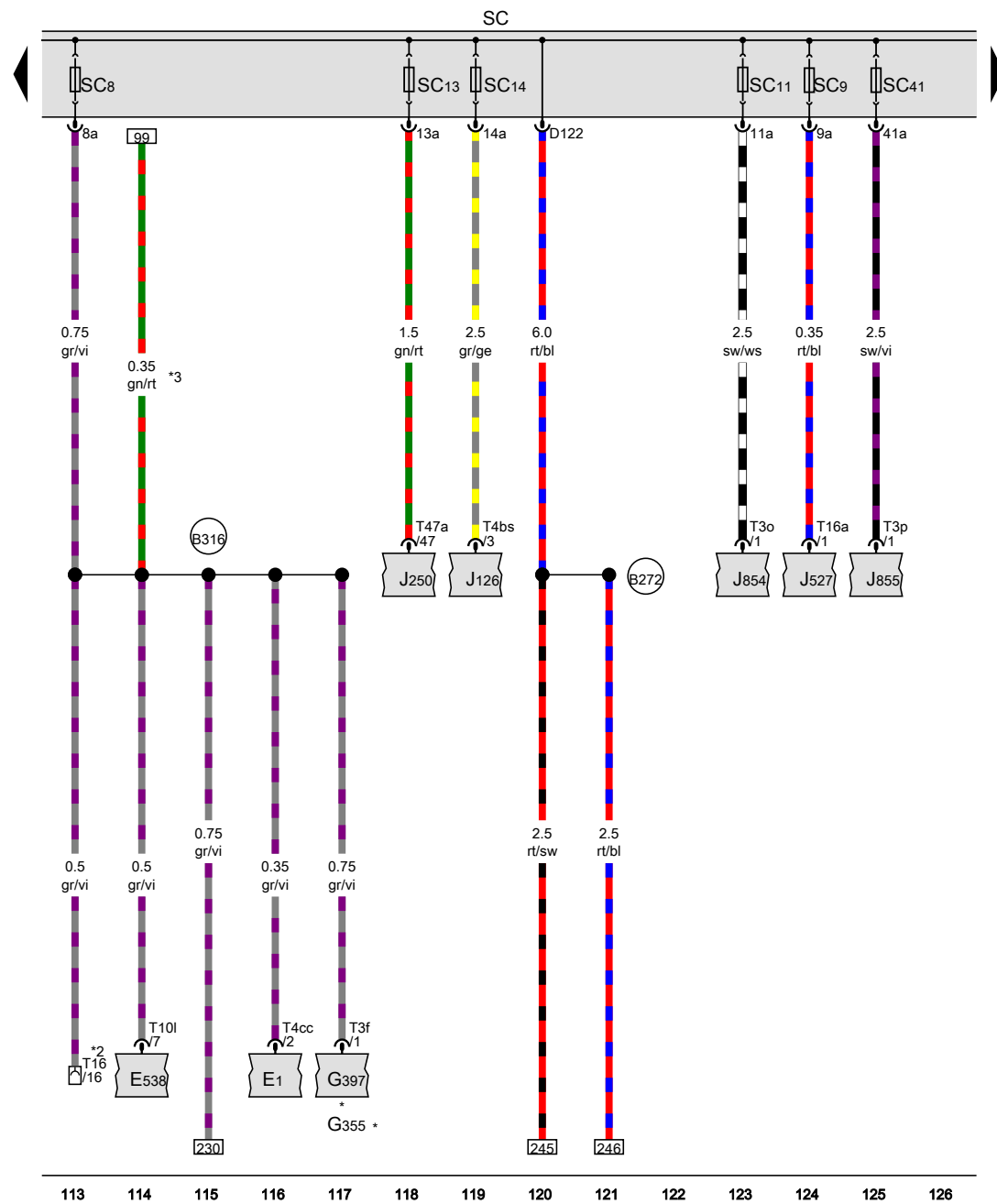
Fuse holder C

- E313 Selector lever
- G578 Anti-theft alarm sensor
- J65 Heater control unit
- J255 Climatronic control unit
- J301 Air conditioning system control unit
- J685 Display unit for front information display and operating unit control unit
- J794 Control unit 1 for information electronics
- R64 Remote control receiver for auxiliary heater
- SC Fuse holder C
- SC6 Fuse 6 on fuse holder C
- SC7 Fuse 7 on fuse holder C
- SC10 Fuse 10 on fuse holder C
- SC12 Fuse 12 on fuse holder C
- T4cp 4-pin connector
- T6s 6-pin connector
- T8ai 8-pin connector
- T8j 8-pin connector
- T10k 10-pin connector
- T20b 20-pin connector
- T20f 20-pin connector
- T20g 20-pin connector

B315 Positive connection 1 (30a) in main wiring harness

- * Up to April 2015
- *2 According to equipment
- *3 Only models with Bang & Olufsen sound system
- *4 From May 2015

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
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 vi = purple
 ge = yellow
 or = orange
 rs = pink



Fuse holder C

- E1 Light switch
- E538 Electromechanical parking brake button
- G355 Humidity sender
- G397 Rain and light sensor
- J126 Fresh air blower control unit
- J250 Electronically controlled damping control unit
- J527 Steering column electronics control unit
- J854 Control unit for front left belt tensioner
- J855 Control unit for front right belt tensioner
- SC Fuse holder C
- SC8 Fuse 8 on fuse holder C
- SC9 Fuse 9 on fuse holder C
- SC11 Fuse 11 on fuse holder C
- SC13 Fuse 13 on fuse holder C
- SC14 Fuse 14 on fuse holder C
- SC41 Fuse 41 on fuse holder C
- T3f 3-pin connector
- T3o 3-pin connector
- T3p 3-pin connector
- T4bs 4-pin connector
- T4cc 4-pin connector
- T10l 10-pin connector
- T16 16-pin connector
- T16a 16-pin connector
- T47a 47-pin connector

B272 Positive connection (30), in main wiring harness

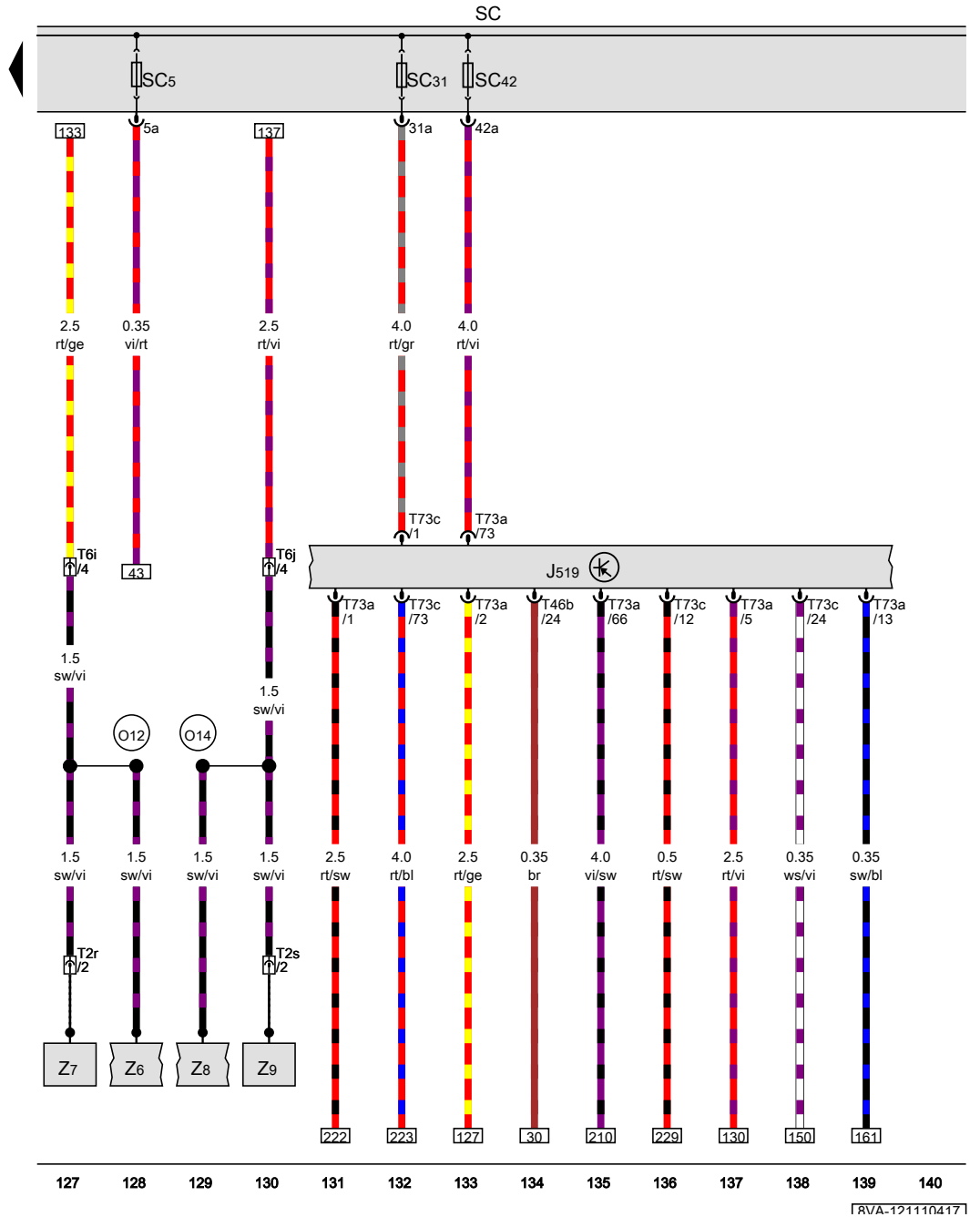
B316 Positive connection 2 (30a) in main wiring harness

* According to equipment

*2 Diagnostic connection

*3 From May 2015

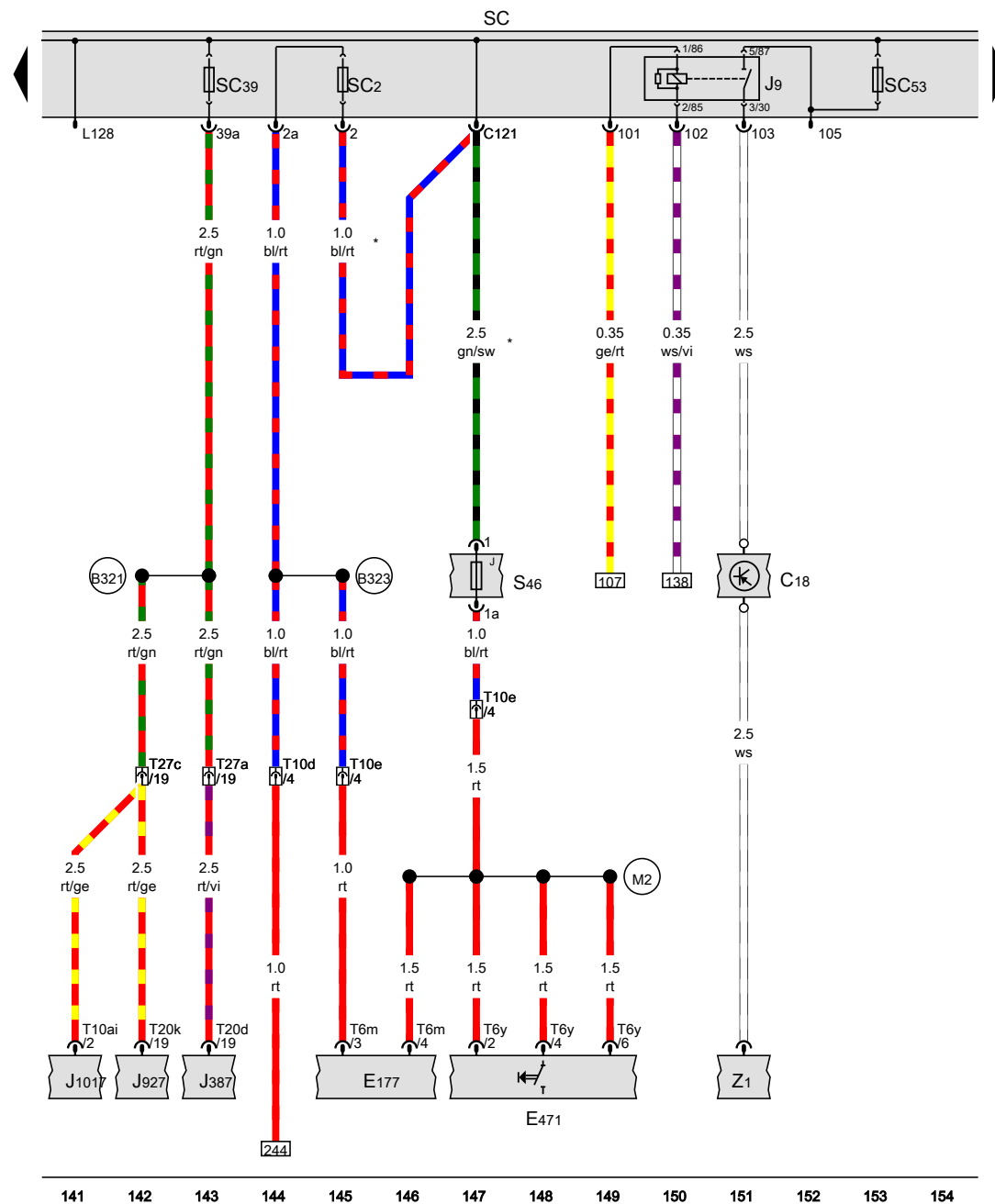
ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



Fuse holder C

- J519 Onboard supply control unit
- SC Fuse holder C
- SC5 Fuse 5 on fuse holder C
- SC31 Fuse 31 on fuse holder C
- SC42 Fuse 42 on fuse holder C
- T2r 2-pin connector
- T2s 2-pin connector
- T6i 6-pin connector
- T6j 6-pin connector
- T46b 46-pin connector
- T73a 73-pin connector
- T73c 73-pin connector
- Z6 Heated seat cushion for driver seat
- Z7 Heated backrest for driver seat
- Z8 Heated seat cushion for front passenger seat
- Z9 Heated backrest for front passenger seat
- O12 Connection 1, in seat heating wiring harness
- O14 Connection 3, in seat heating wiring harness

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



Heated rear window relay, Front passenger seat adjustment thermal fuse 1, Fuse holder C

- C18 Window aerial suppression filter
- E177 Front passenger seat lumbar support adjustment switch
- E471 Front passenger seat adjustment operating unit
- J9 Heated rear window relay
- J387 Front passenger door control unit
- J927 Rear passenger side door control unit
- J1017 Control unit with rear passenger side window regulator motor
- S46 Front passenger seat adjustment thermal fuse 1
- SC Fuse holder C
- SC2 Fuse 2 on fuse holder C
- SC39 Fuse 39 on fuse holder C
- SC53 Fuse 53 on fuse holder C
- T6m 6-pin connector
- T6y 6-pin connector
- T10ai 10-pin connector
- T10d 10-pin connector, in coupling point for front seat, left
- T10e 10-pin connector, in coupling point for front seat, right
- T20d 20-pin connector
- T20k 20-pin connector
- T27a 27-pin connector
- T27c 27-pin connector
- Z1 Heated rear window

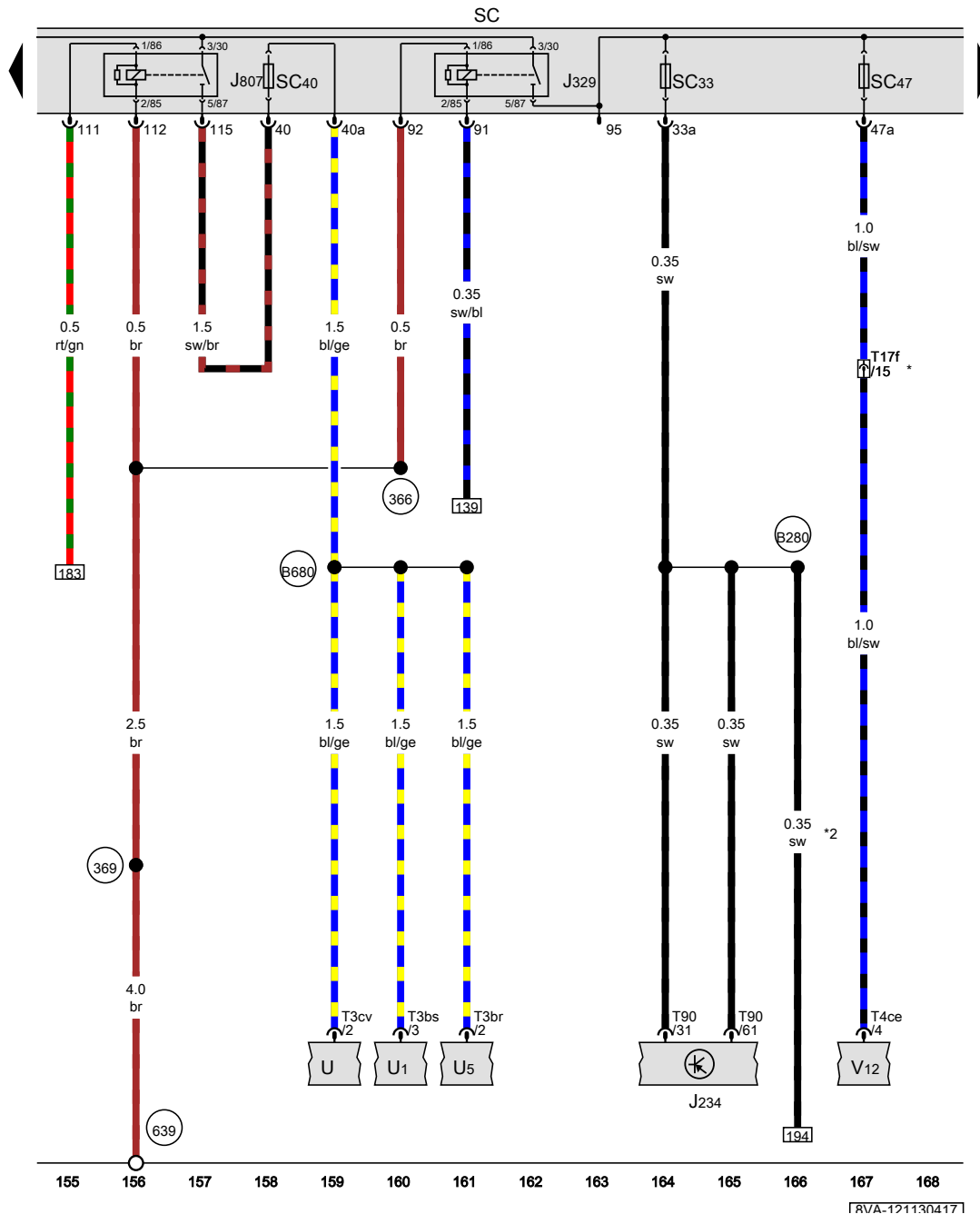
B321 Positive connection 7 (30a) in main wiring harness

B323 Positive connection 9 (30a) in main wiring harness

M2 Positive connection 2 (30), in seat adjustment wiring harness

* According to equipment

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink



Airbag control unit, Terminal 15 voltage supply relay, Relay for power sockets, Fuse holder C

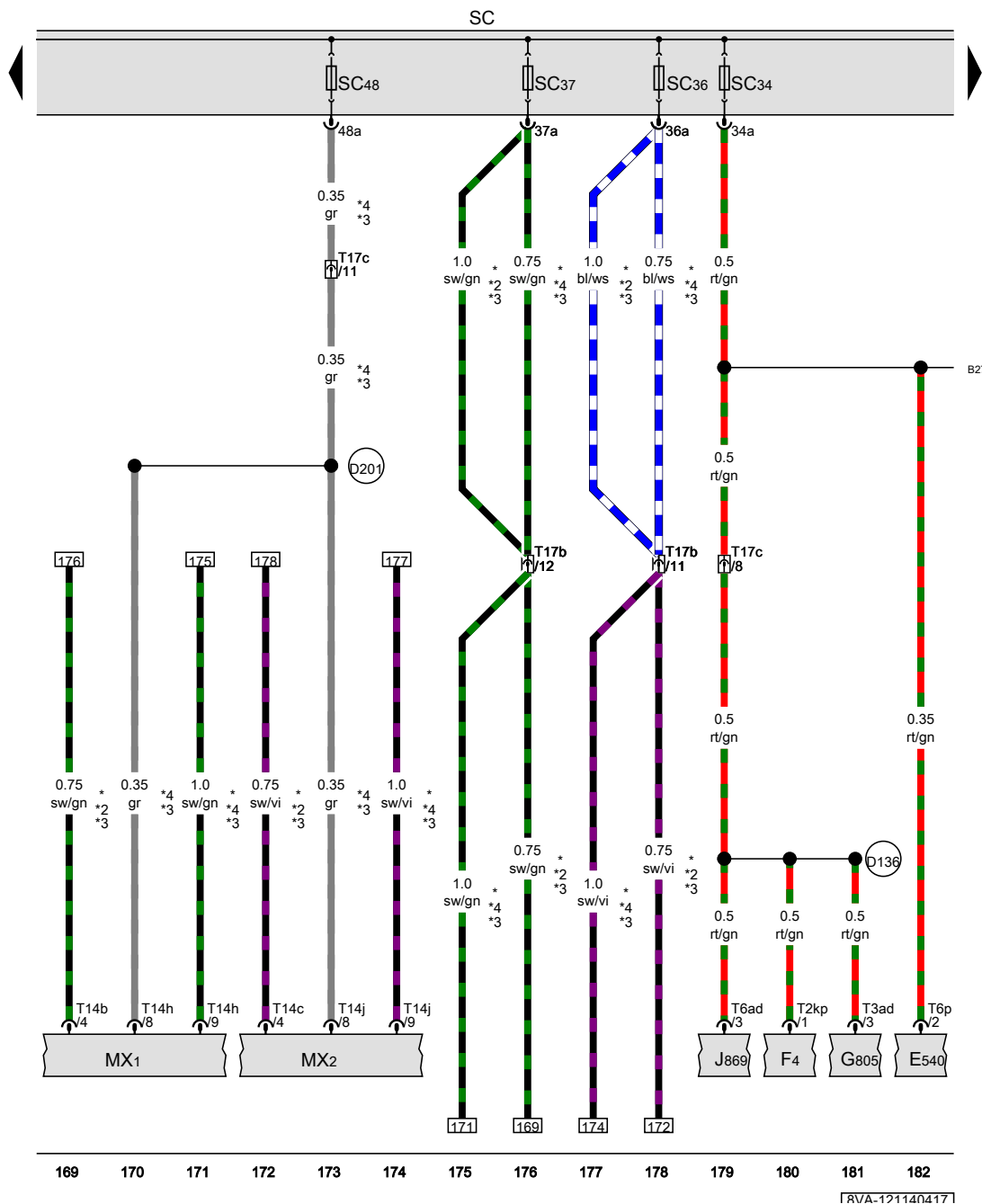
- J234 Airbag control unit
- J329 Terminal 15 voltage supply relay
- J807 Relay for power sockets
- SC Fuse holder C
- SC33 Fuse 33 on fuse holder C
- SC40 Fuse 40 on fuse holder C
- SC47 Fuse 47 on fuse holder C
- T3br 3-pin connector
- T3bs 3-pin connector
- T3cv 3-pin connector
- T4ce 4-pin connector
- T17f 17-pin connector
- T90 90-pin connector
- U Electric socket
- U1 Cigarette lighter
- U5 12 V socket
- V12 Rear window wiper motor

- 366 Earth connection 1, in main wiring harness
- 369 Earth connection 4, in main wiring harness
- 639 Earth point, left A-pillar
- B280 Positive connection 4 (15a) in main wiring harness
- B680 Connection (electric socket), in interior wiring harness

* Up to October 2014

*2 see applicable current flow diagram for airbag

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



Fuse holder C

- E540 Auto-hold button
- F4 Reversing light switch
- G805 Pressure sender for refrigerant circuit
- J869 Control unit for structure-borne sound
- MX1 Front left headlight
- MX2 Front right headlight
- SC Fuse holder C
- SC34 Fuse 34 on fuse holder C
- SC36 Fuse 36 on fuse holder C
- SC37 Fuse 37 on fuse holder C
- SC48 Fuse 48 on fuse holder C
- T2kp 2-pin connector
- T3ad 3-pin connector
- T6ad 6-pin connector
- T6p 6-pin connector
- T14b 14-pin connector
- T14c 14-pin connector
- T14h 14-pin connector
- T14j 14-pin connector
- T17b 17-pin connector
- T17c 17-pin connector

(B278) Positive connection 2 (15a) in main wiring harness

(D136) Positive connection 2 (15a), in engine compartment wiring harness

(D201) Positive connection 4 (15a), in engine compartment wiring harness

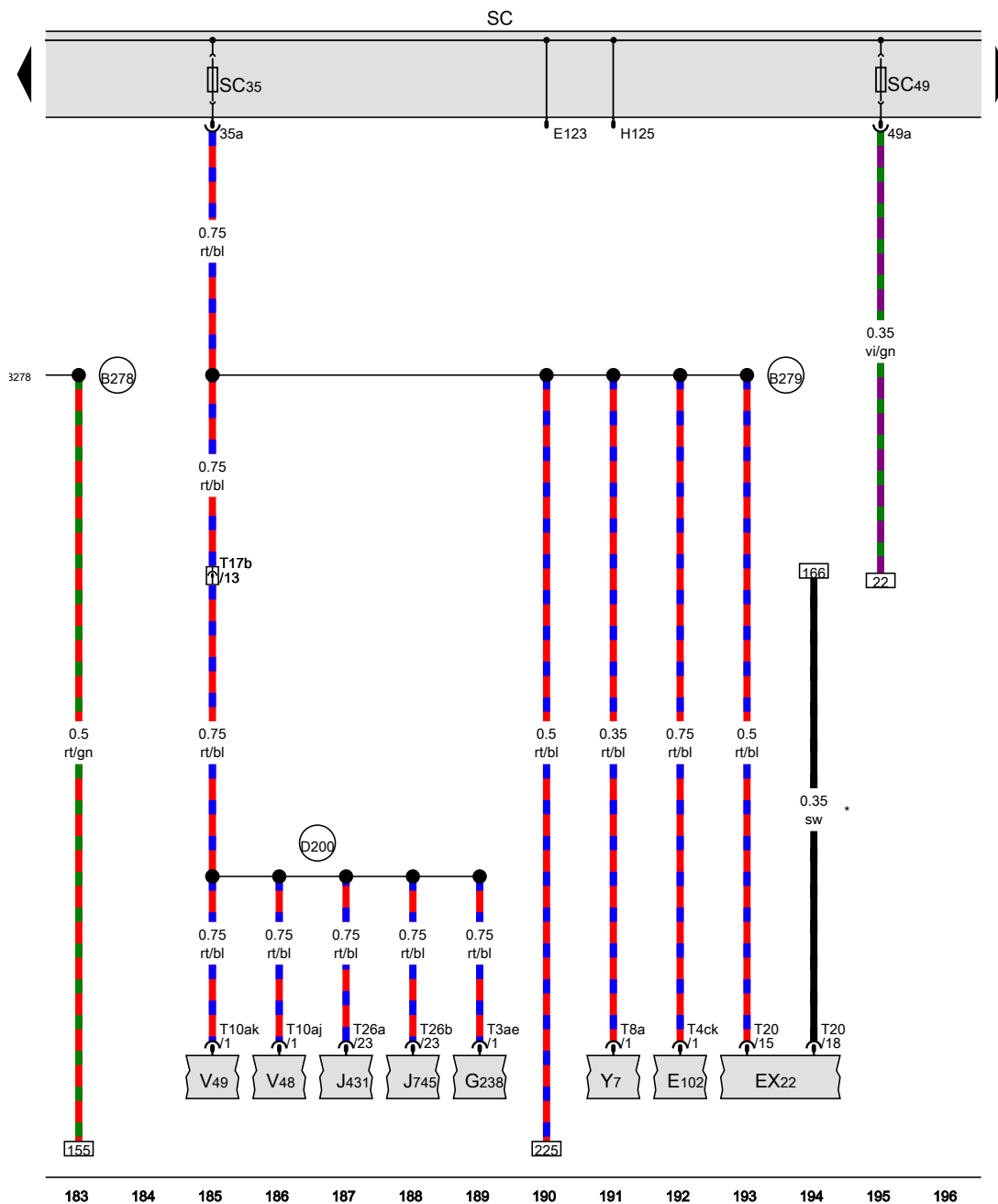
* According to equipment

*2 Only models with xenon headlights

*3 Up to October 2016

*4 see applicable current flow diagram for LED headlights

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



Air quality sensor, Headlight range control unit, Control unit for cornering light and headlight range control, Fuse holder C, Automatic anti-dazzle interior mirror

- EX22 Centre switch module in dash panel
- E102 Headlight range control regulator
- G238 Air quality sensor
- J431 Headlight range control unit
- J745 Control unit for cornering light and headlight range control
- SC Fuse holder C
- SC35 Fuse 35 on fuse holder C
- SC49 Fuse 49 on fuse holder C
- T3ae 3-pin connector
- T4ck 4-pin connector
- T8a 8-pin connector
- T10aj 10-pin connector
- T10ak 10-pin connector
- T17b 17-pin connector
- T20 20-pin connector
- T26a 26-pin connector
- T26b 26-pin connector
- V48 Left headlight range control motor
- V49 Right headlight range control motor
- Y7 Automatic anti-dazzle interior mirror

B278 Positive connection 2 (15a) in main wiring harness

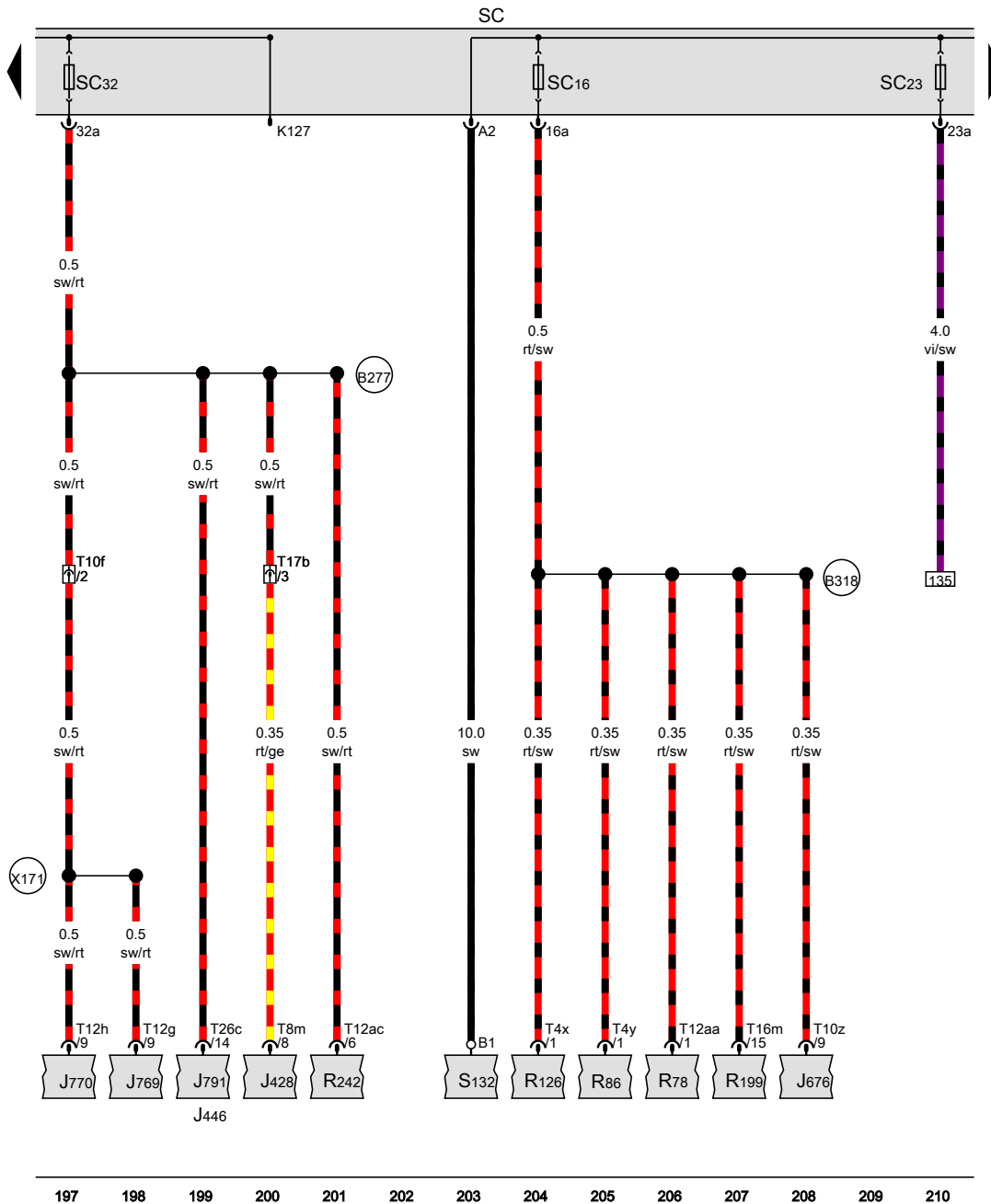
B279 Positive connection 3 (15a) in main wiring harness

D200 Positive connection 3 (15a), in engine compartment wiring harness

* see applicable current flow diagram for airbag

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

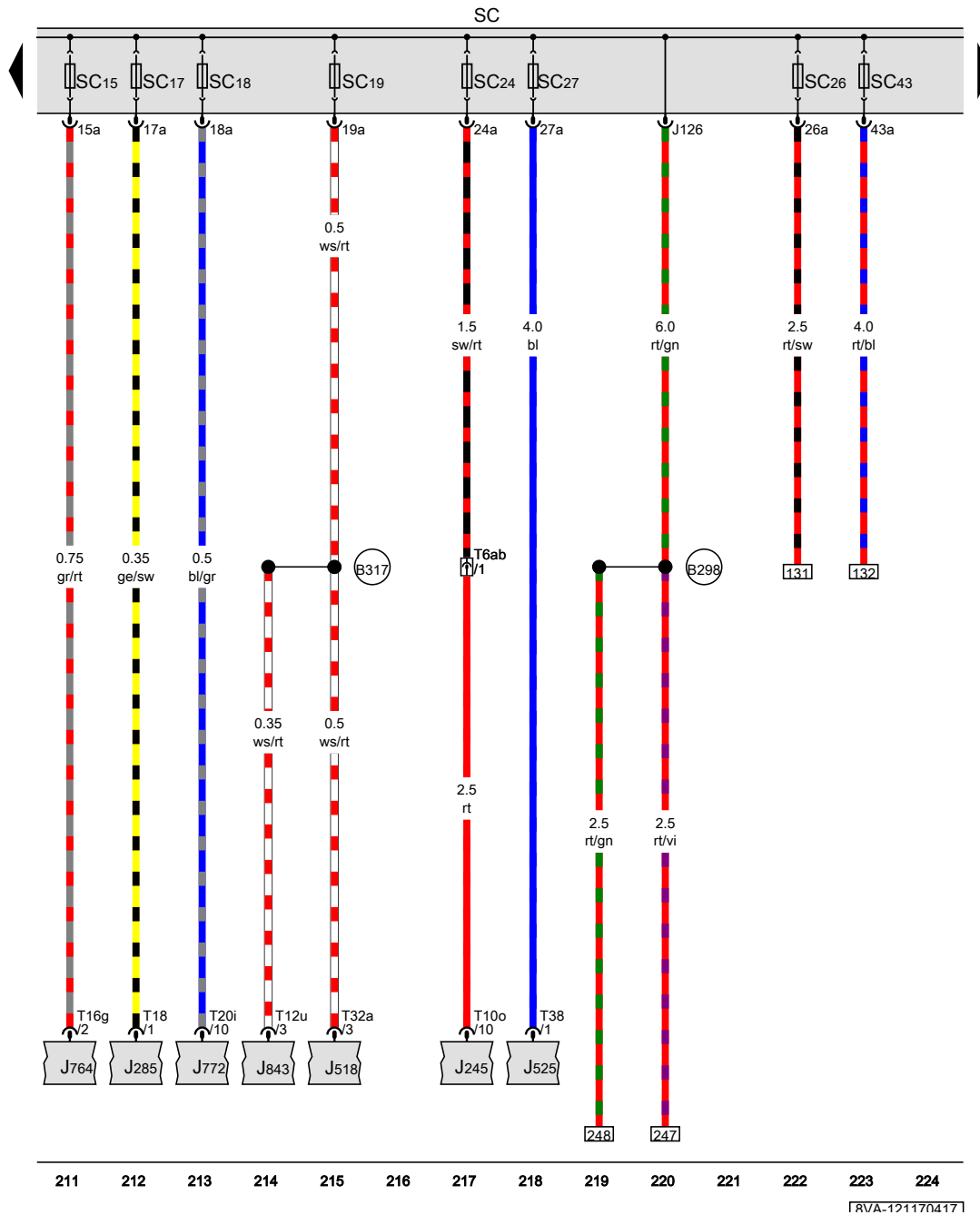
Lane change assist control unit, Lane change assist control unit 2, Front camera for driver assist systems, Fuse holder C



- J428 Adaptive cruise control unit
- J446 Parking aid control unit
- J676 Chip card reader control unit
- J769 Lane change assist control unit
- J770 Lane change assist control unit 2
- J791 Park assist steering control unit
- R78 TV tuner
- R86 Aerial amplifier for mobile telephone
- R126 Telephone bracket
- R199 Connection for external audio sources
- R242 Front camera for driver assist systems
- S132 Fuse 2
- SC Fuse holder C
- SC16 Fuse 16 on fuse holder C
- SC23 Fuse 23 on fuse holder C
- SC32 Fuse 32 on fuse holder C
- T4x 4-pin connector
- T4y 4-pin connector
- T8m 8-pin connector
- T10f 10-pin connector
- T10z 10-pin connector
- T12aa 12-pin connector
- T12ac 12-pin connector
- T12g 12-pin connector
- T12h 12-pin connector
- T16m 16-pin connector
- T17b 17-pin connector
- T26c 26-pin connector

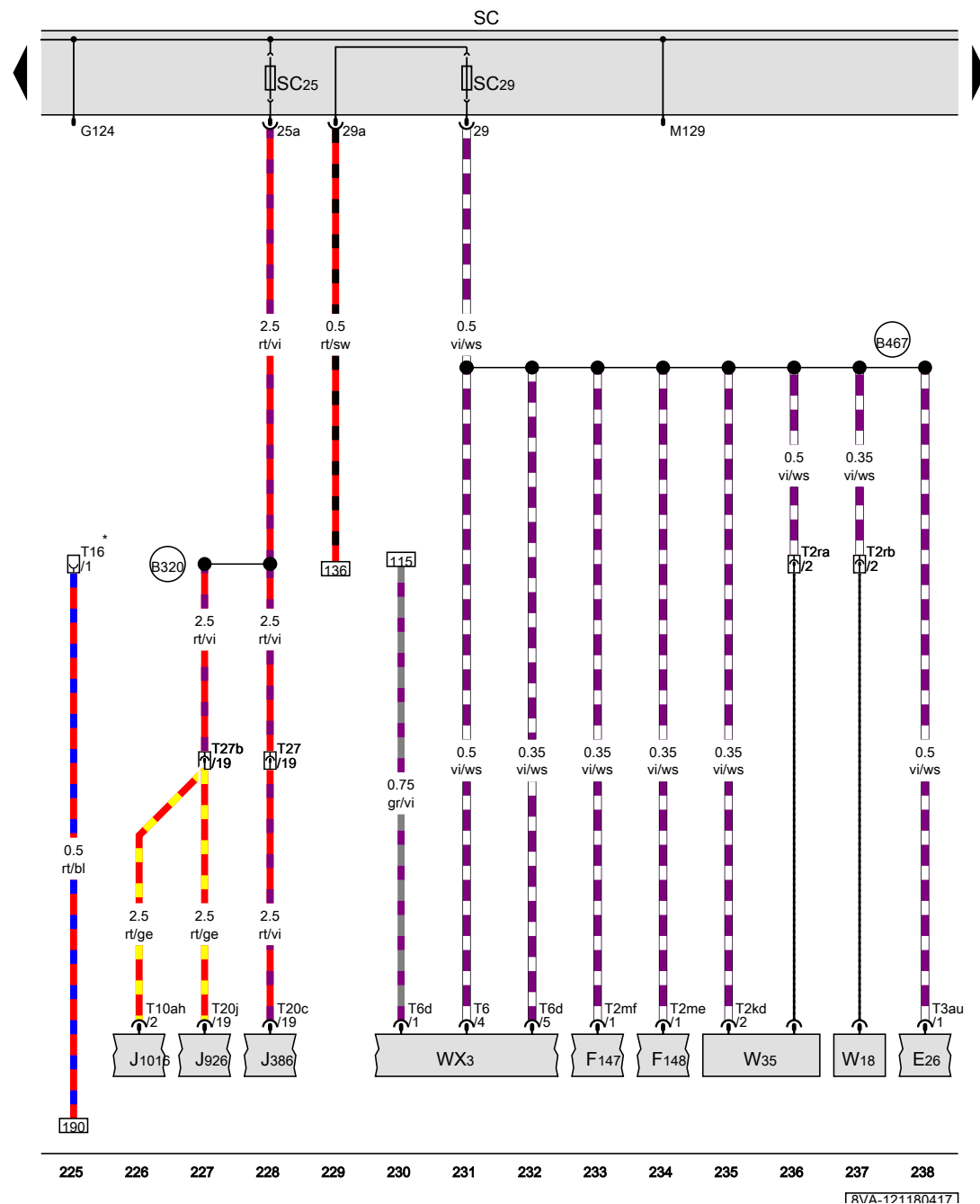
- (B277) Positive connection 1 (15a) in main wiring harness
- (B318) Positive connection 4 (30a) in main wiring harness
- (X171) Connection (15), rear bumper wiring harness

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



Fuse holder C

- J245 Sliding sunroof adjustment control unit
- J285 Control unit in dash panel insert
- J518 Entry and start authorisation control unit
- J525 Digital sound package control unit
- J764 Control unit for electronic steering column lock
- J772 Reversing camera system control unit
- J843 Interface control unit for vehicle location system
- SC Fuse holder C
- SC15 Fuse 15 on fuse holder C
- SC17 Fuse 17 on fuse holder C
- SC18 Fuse 18 on fuse holder C
- SC19 Fuse 19 on fuse holder C
- SC24 Fuse 24 on fuse holder C
- SC26 Fuse 26 on fuse holder C
- SC27 Fuse 27 on fuse holder C
- SC43 Fuse 43 on fuse holder C
- T6ab 6-pin connector
- T10o 10-pin connector
- T12u 12-pin connector
- T16g 16-pin connector
- T18 18-pin connector
- T20i 20-pin connector
- T32a 32-pin connector
- T38 38-pin connector
- B298 Positive connection 2 (30), in main wiring harness
- B317 Positive connection 3 (30a) in main wiring harness



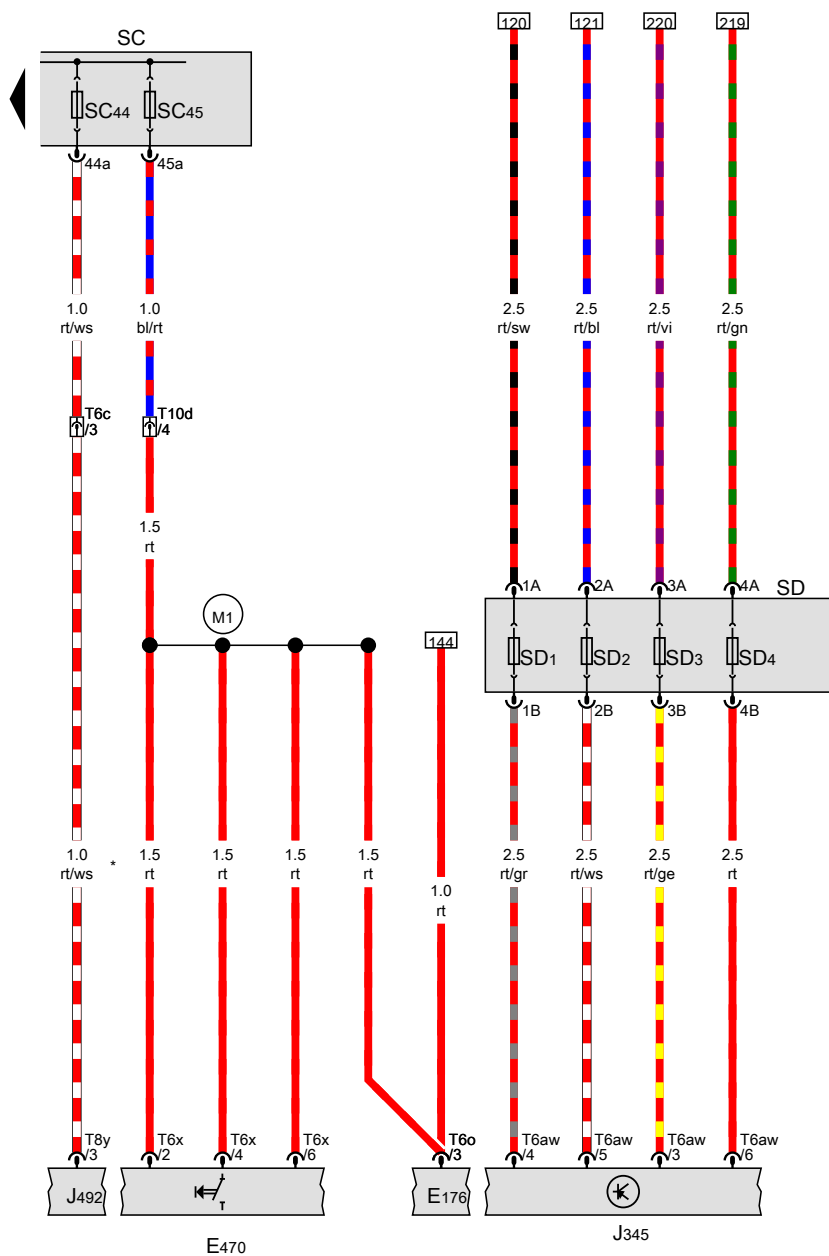
Fuse holder C

- E26 Glove compartment light switch
- F147 Driver vanity mirror contact switch
- F148 Front passenger vanity mirror contact switch
- J386 Driver door control unit
- J926 Rear driver side door control unit
- J1016 Control unit with rear driver side window regulator motor
- SC Fuse holder C
- SC25 Fuse 25 on fuse holder C
- SC29 Fuse 29 on fuse holder C
- T2kd 2-pin connector
- T2me 2-pin connector
- T2mf 2-pin connector
- T2ra 2-pin connector
- T2rb 2-pin connector
- T3au 3-pin connector
- T6 6-pin connector
- T6d 6-pin connector
- T10ah 10-pin connector
- T16 16-pin connector
- T20c 20-pin connector
- T20j 20-pin connector
- T27 27-pin connector
- T27b 27-pin connector
- WX3 Front roof module
- W18 Left luggage compartment light
- W35 Right luggage compartment light

B320 Positive connection 6 (30a) in main wiring harness

B467 Connection 3, in main wiring harness

* Diagnostic connection



Driver seat lumbar support adjustment switch, Fuse holder C, Fuse holder D

- E176 Driver seat lumbar support adjustment switch
- E470 Driver seat adjustment operating unit
- J345 Trailer detector control unit
- J492 All-wheel drive control unit
- SC Fuse holder C
- SD Fuse holder D
- SD1 Fuse 1 on fuse holder D
- SD2 Fuse 2 on fuse holder D
- SD3 Fuse 3 on fuse holder D
- SD4 Fuse 4 on fuse holder D
- SC44 Fuse 44 on fuse holder C
- SC45 Fuse 45 on fuse holder C
- T6aw 6-pin connector
- T6c 6-pin connector
- T6o 6-pin connector
- T6x 6-pin connector
- T8y 8-pin connector
- T10d 10-pin connector, in coupling point for front seat, left

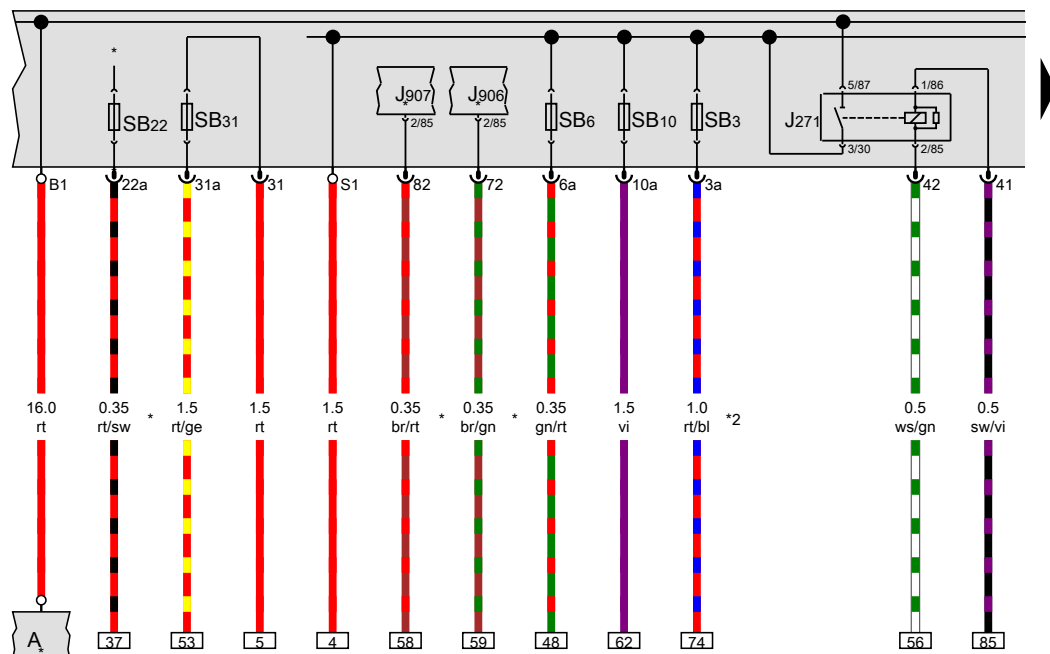
M1 Positive connection 1 (30), in seat adjustment wiring harness

* Wiring colour depends on equipment

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

1.4l petrol engine , CWLA

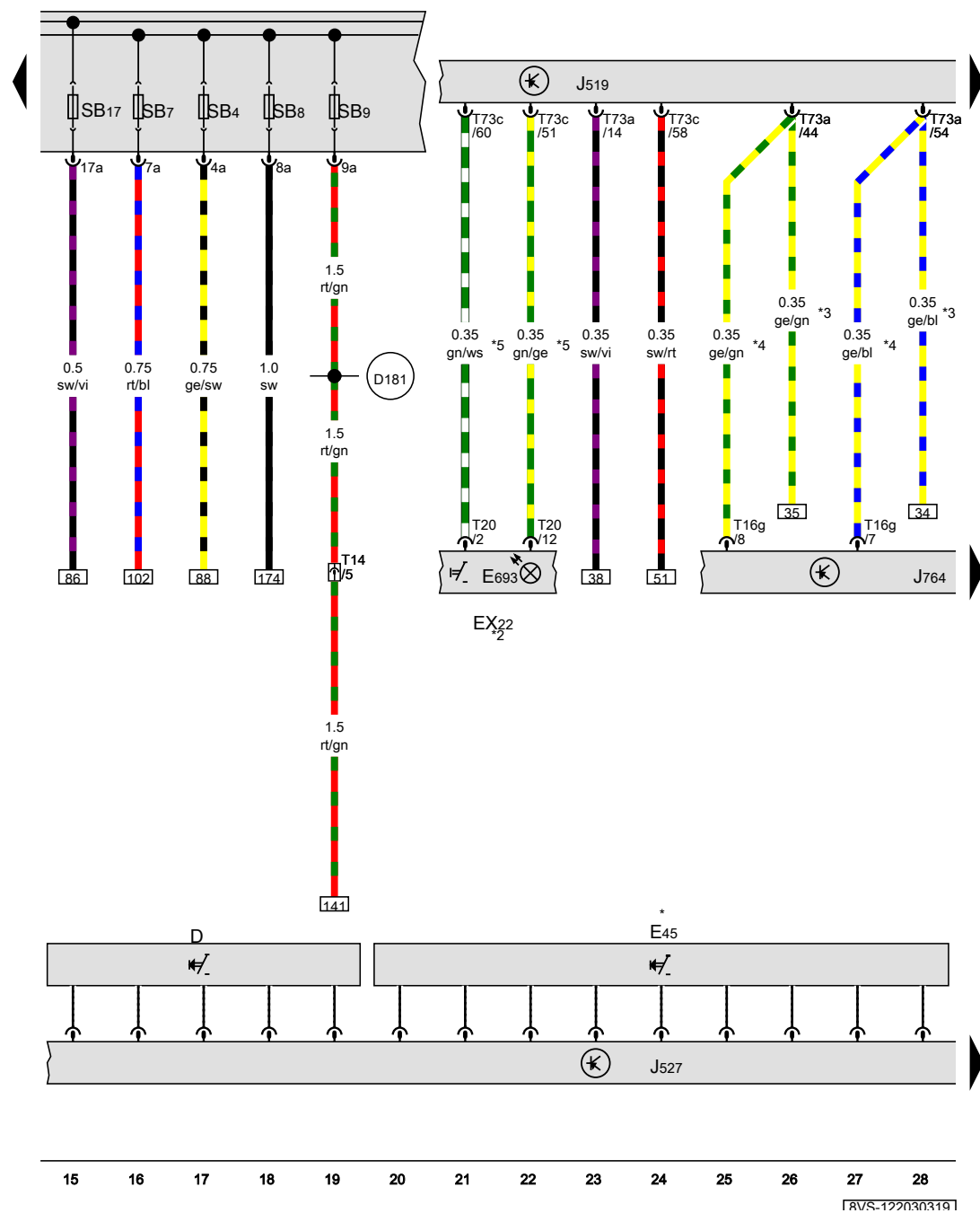
From September 2015



Main relay

- A Battery
- J271 Main relay
- J906 Starter relay 1
- J907 Starter relay 2
- SB3 Fuse 3 on fuse holder B
- SB6 Fuse 6 on fuse holder B
- SB10 Fuse 10 on fuse holder B
- SB22 Fuse 22 on fuse holder B
- SB31 Fuse 31 on fuse holder B
- * see applicable current flow diagram for battery in engine compartment
- *2 Wiring colour depends on equipment

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

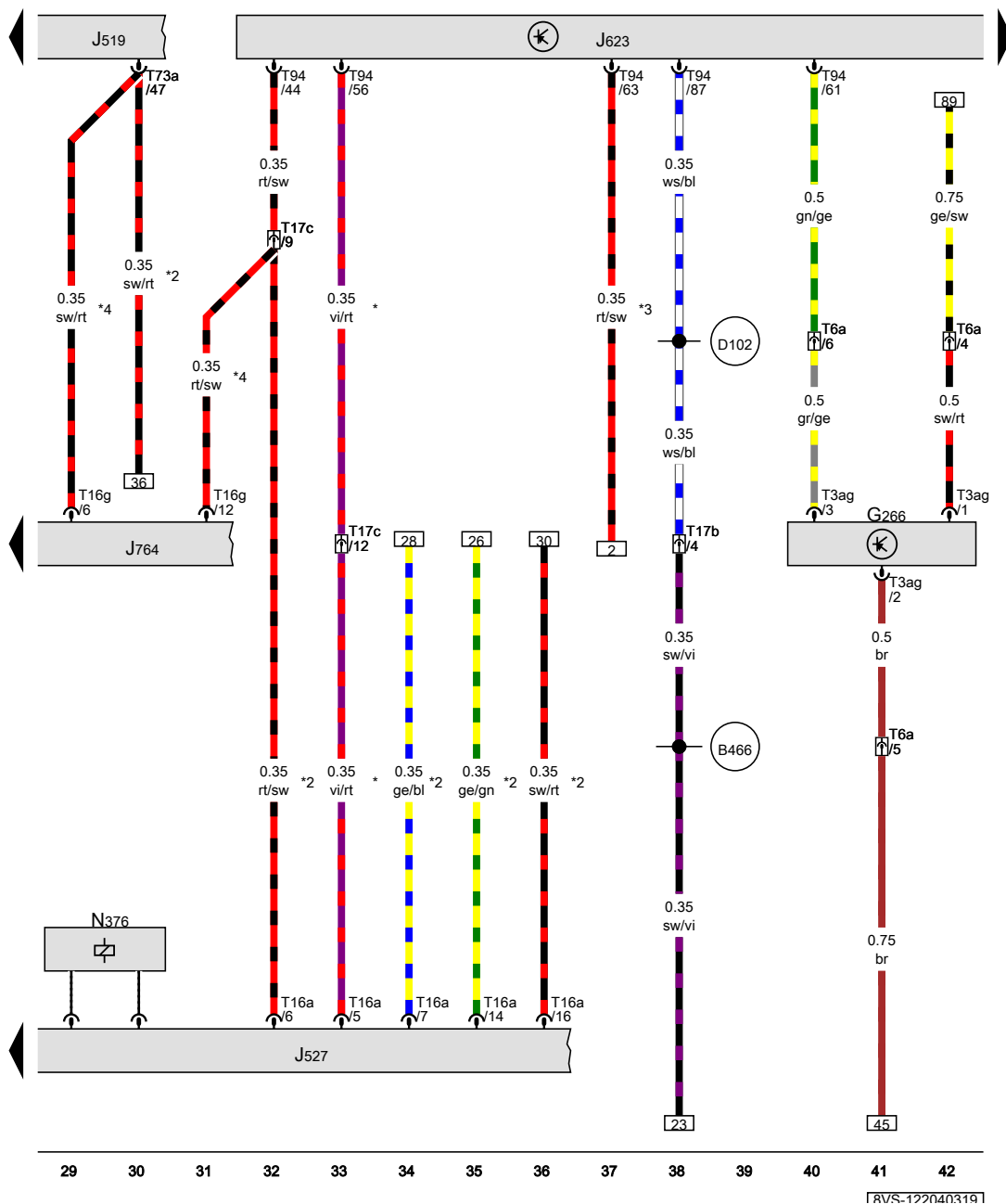


Ignition/starter switch, Centre switch module in dash panel, Cruise control system switch, Onboard supply control unit, Steering column electronics control unit

- D Ignition/starter switch
- EX22 Centre switch module in dash panel
- E45 Cruise control system switch
- E693 Start/Stop operation button
- J519 Onboard supply control unit
- J527 Steering column electronics control unit
- J764 Control unit for electronic steering column lock
- SB4 Fuse 4 on fuse holder B
- SB7 Fuse 7 on fuse holder B
- SB8 Fuse 8 on fuse holder B
- SB9 Fuse 9 on fuse holder B
- SB17 Fuse 17 on fuse holder B
- T1 1-pin connector, black
- T14 14-pin connector, near front left longitudinal member, grey
- T16g 16-pin connector, black
- T20 20-pin connector, red
- T73a 73-pin connector, black
- T73c 73-pin connector, black

D181 Connection 2 (87a), in engine compartment wiring harness

- * For models with cruise control system (CCS)
- *2 see applicable current flow diagram for battery in engine compartment
- *3 For models with no entry and start authorisation
- *4 For models with entry and start authorisation
- *5 For models with start/stop system



Oil level and oil temperature sender, Onboard supply control unit, Steering column electronics control unit, Engine/motor control unit

- G266 Oil level and oil temperature sender
- J519 Onboard supply control unit
- J527 Steering column electronics control unit
- J623 Engine/motor control unit
- J764 Control unit for electronic steering column lock
- N376 Ignition key withdrawal lock solenoid
- T3ag 3-pin connector, black
- T6a 6-pin connector
- T16a 16-pin connector, black
- T16g 16-pin connector, black
- T17b 17-pin connector, brown
- T17c 17-pin connector, brown
- T73a 73-pin connector, black
- T94 94-pin connector, black

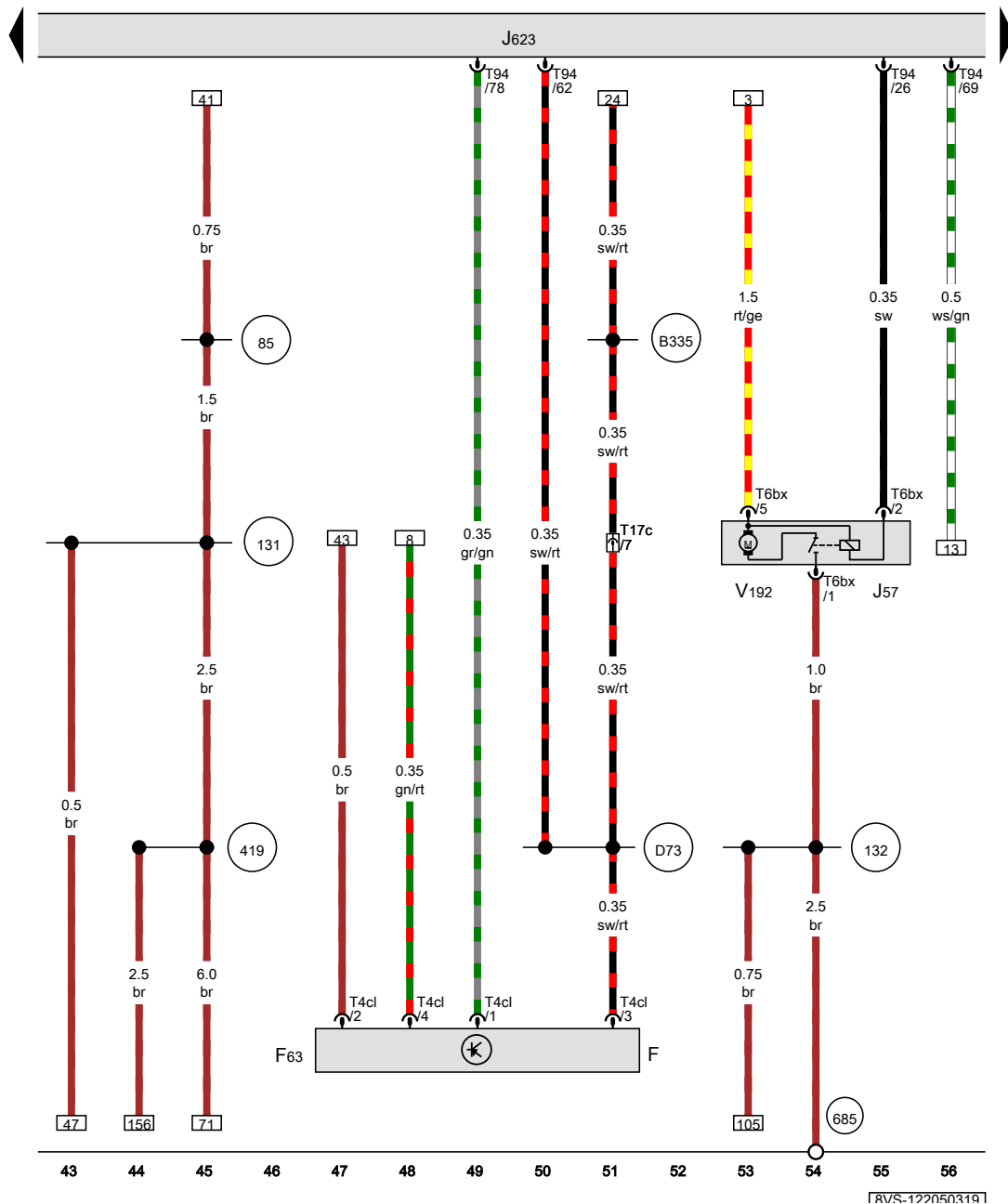
B466 Connection 2, in main wiring harness

D102 Connection 2 in engine compartment wiring harness

- * For models with cruise control system (CCS)
- *2 For models with no entry and start authorisation
- *3 see applicable current flow diagram for battery in engine compartment
- *4 For models with entry and start authorisation

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

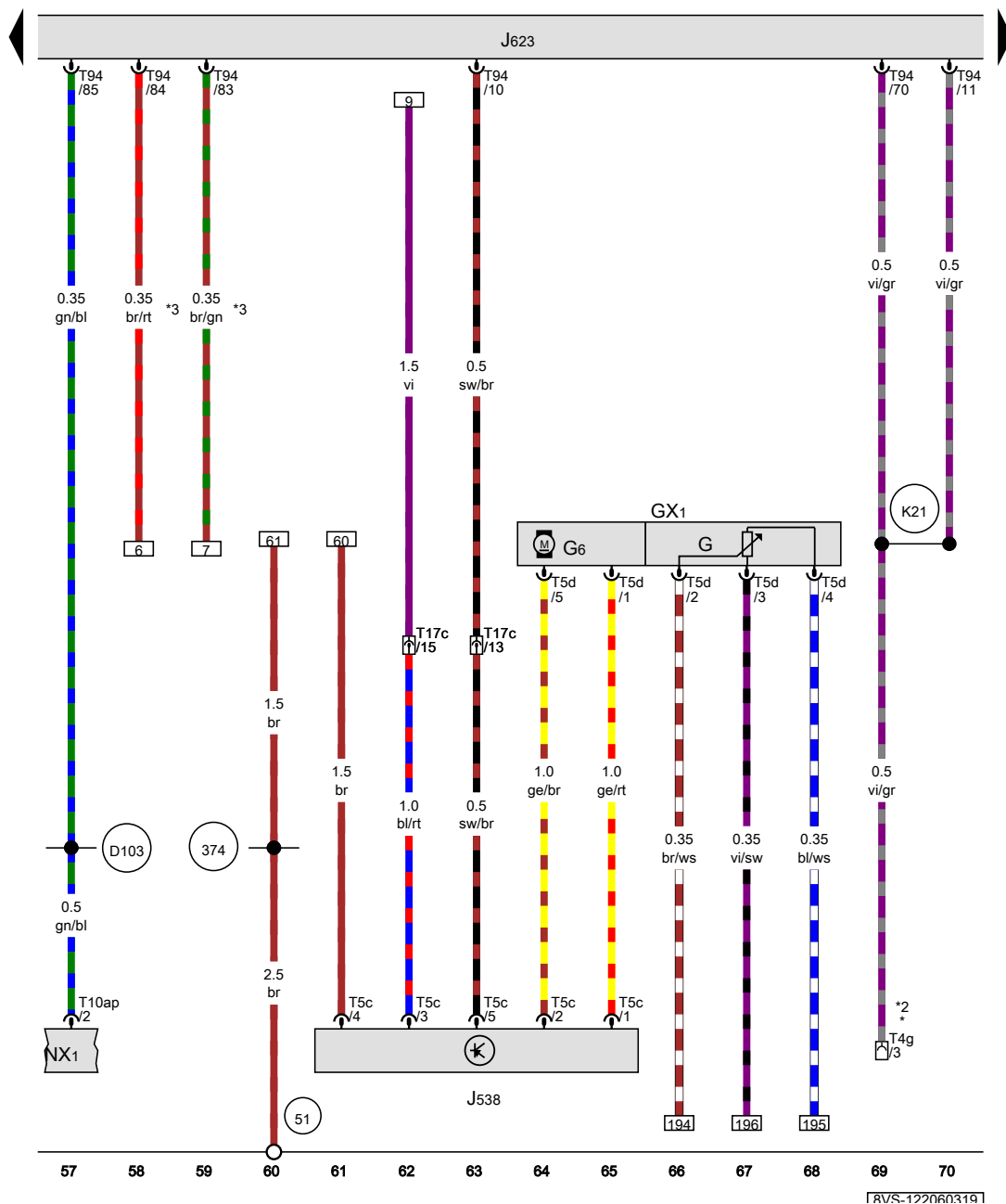
Brake light switch, Brake pedal switch, Engine/motor control unit



- F Brake light switch
- F63 Brake pedal switch
- J57 Vacuum pump relay
- J623 Engine/motor control unit
- T4cl 4-pin connector, black
- T6bx 6-pin connector, black
- T17c 17-pin connector, red
- T94 94-pin connector, black
- V192 Vacuum pump for brakes

- 85 Earth connection 1, in engine compartment wiring harness
- 131 Earth connection 2, in engine compartment wiring harness
- 132 Earth connection 3, in engine compartment wiring harness
- 419 Earth connection 11, in engine compartment wiring harness
- 685 Earth point 1, on front of right longitudinal member
- B335 Connection 1 (54), in main wiring harness
- D73 Positive connection (54), in engine compartment wiring harness

- ws = white
- sw = black
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- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

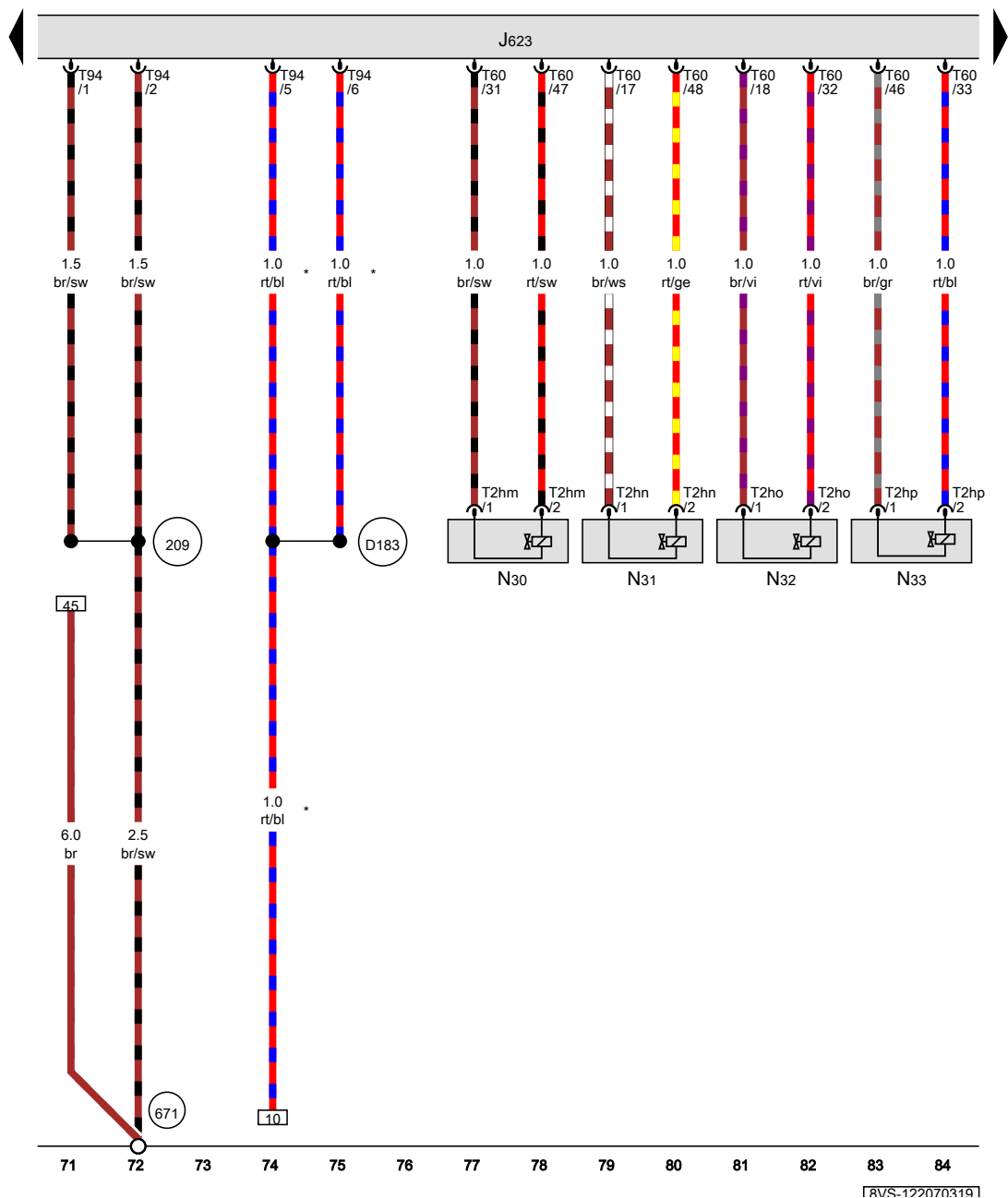


ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

Fuel gauge sender, Fuel delivery unit, Fuel system pressurisation pump, Engine/motor control unit

- G Fuel gauge sender
- GX1 Fuel delivery unit
- G6 Fuel system pressurisation pump
- J538 Fuel pump control unit
- J623 Engine/motor control unit
- NX1 Gearbox
- T4g 4-pin connector, black
- T5c 5-pin connector, black
- T5d 5-pin connector, black
- T10ap 10-pin connector, black
- T17c 17-pin connector, red
- T94 94-pin connector, black

- 51 Earth point, on right in luggage compartment
- 374 Earth connection 9, in main wiring harness
- D103 Connection 3 in engine compartment wiring harness
- K21 Connection 1, in radiator fan wiring harness
- * Radiator fan connection
- *2 see applicable current flow diagram for radiator fan
- *3 see applicable current flow diagram for battery in engine compartment



Engine/motor control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

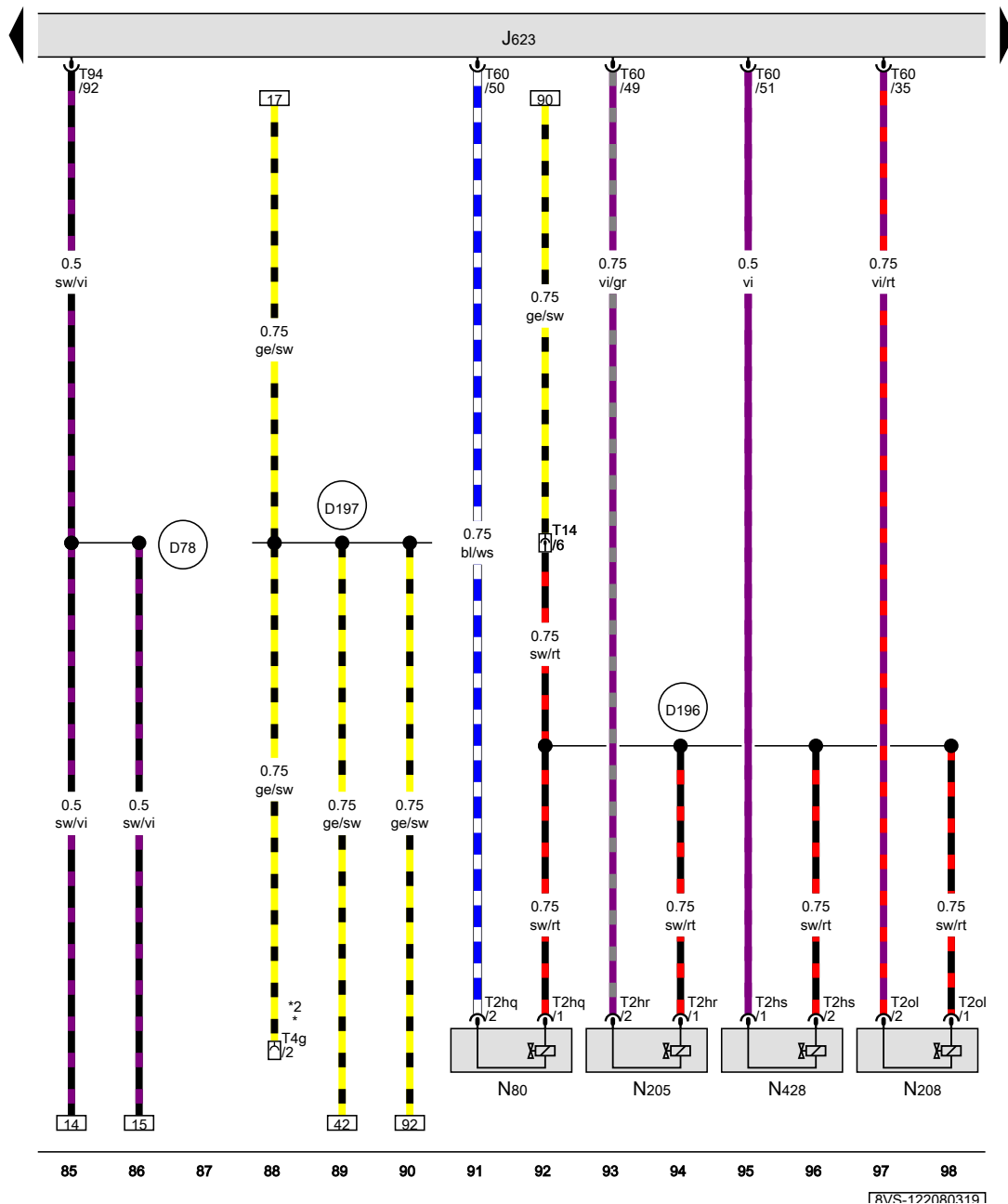
- J623 Engine/motor control unit
- N30 Injector, cylinder 1
- N31 Injector, cylinder 2
- N32 Injector, cylinder 3
- N33 Injector, cylinder 4
- T2hm 2-pin connector, black
- T2hn 2-pin connector, black
- T2ho 2-pin connector, black
- T2hp 2-pin connector, black
- T60 60-pin connector, black
- T94 94-pin connector, black

209 Earth connection 6, in engine compartment wiring harness

671 Earth point 1, on front of left longitudinal member

D183 Connection 4 (87a), in engine compartment wiring harness

* Wiring colour depends on equipment



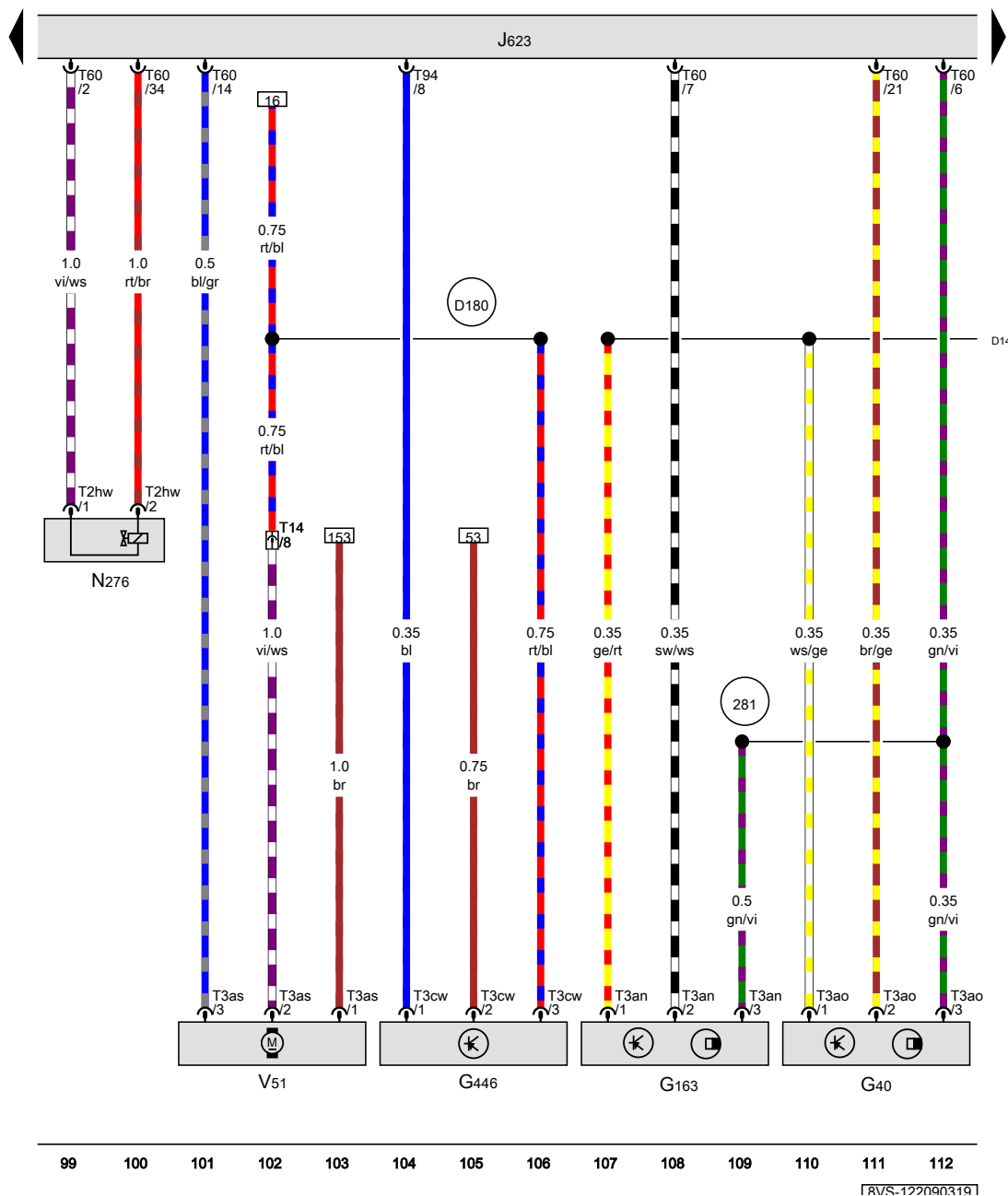
Engine/motor control unit, Activated charcoal filter solenoid valve 1, Camshaft control valve 1, Camshaft control valve 2, Valve for oil pressure control

- J623 Engine/motor control unit
- N80 Activated charcoal filter solenoid valve 1
- N205 Camshaft control valve 1
- N208 Camshaft control valve 2
- N428 Valve for oil pressure control
- T2hq 2-pin connector, black
- T2hr 2-pin connector, black
- T2hs 2-pin connector, black
- T2ol 2-pin connector, black
- T4g 4-pin connector, black
- T14 14-pin connector, near front left longitudinal member, grey
- T60 60-pin connector, black
- T94 94-pin connector, black

- D78 Positive connection 1 (30a), in engine compartment wiring harness
- D196 Connection 2 (87a) in engine prewiring harness
- D197 Connection 5 (87a), in engine compartment wiring harness

- * Radiator fan connection
- *2 see applicable current flow diagram for radiator fan

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
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- rs = pink



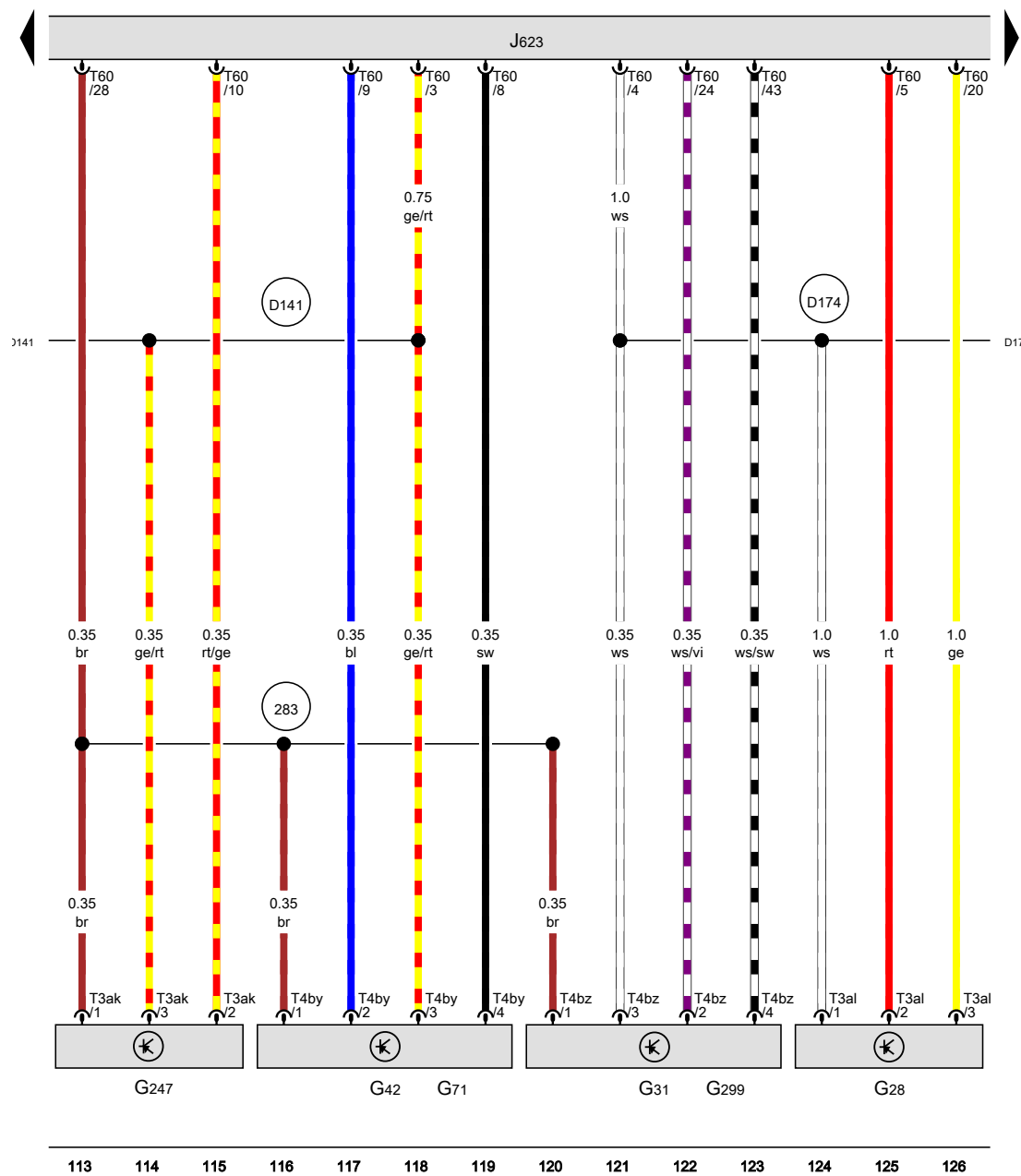
Hall sender, Hall sender 2, Engine/motor control unit, Fuel pressure regulating valve, Continued coolant circulation pump

- G40 Hall sender
- G163 Hall sender 2
- G446 Fuel quality sender
- J623 Engine/motor control unit
- N276 Fuel pressure regulating valve
- T2hw 2-pin connector, black
- T3an 3-pin connector, black
- T3ao 3-pin connector, black
- T3as 3-pin connector, black
- T3cw 3-pin connector, black
- T14 14-pin connector, near front left longitudinal member, grey
- T60 60-pin connector, black
- T94 94-pin connector, black
- V51 Continued coolant circulation pump

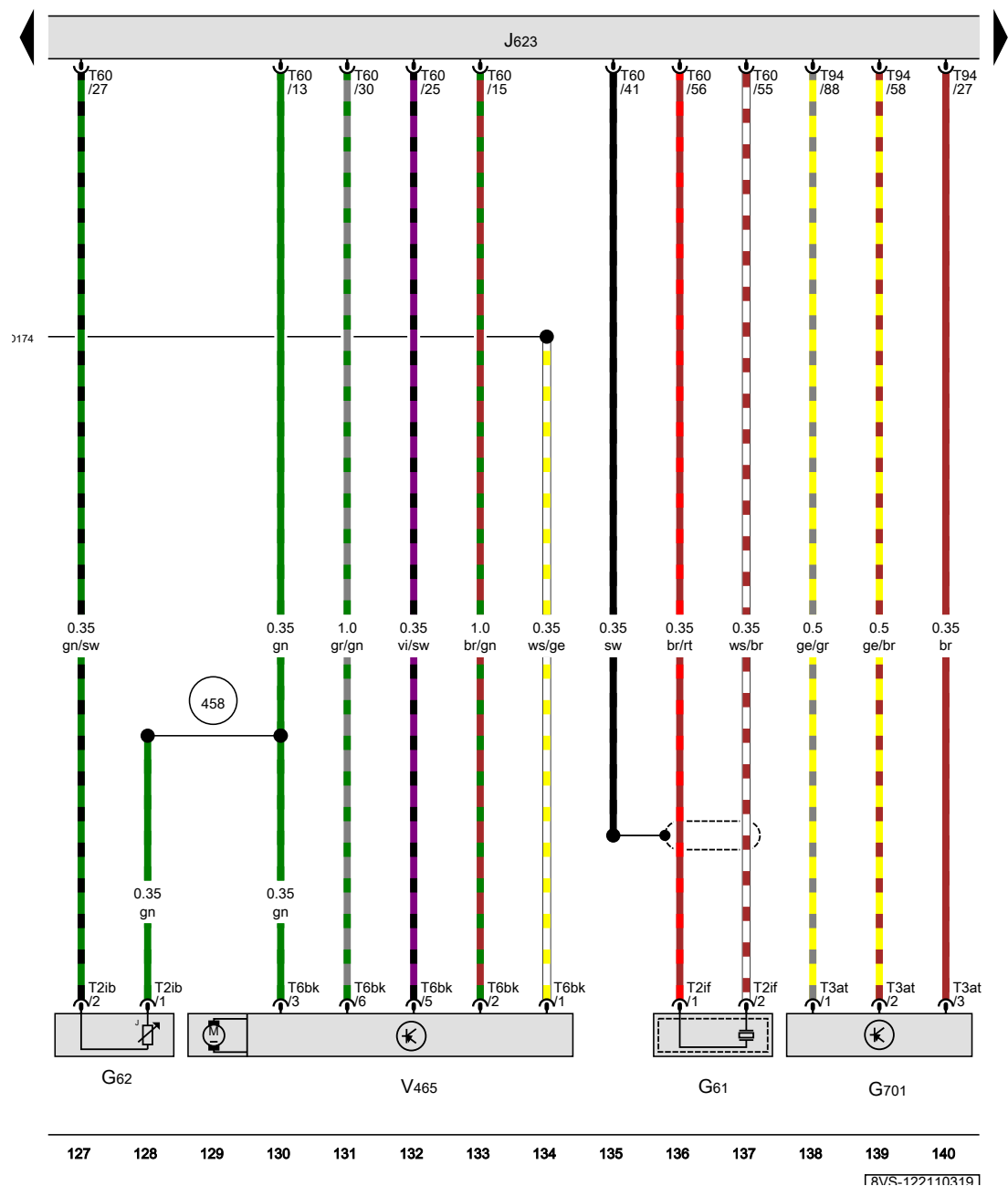
281 Earth point 1, engine prewiring harness

D141 Connection (5V) in engine prewiring harness

D180 Connection (87a), in engine compartment wiring harness



18V5-1221003191

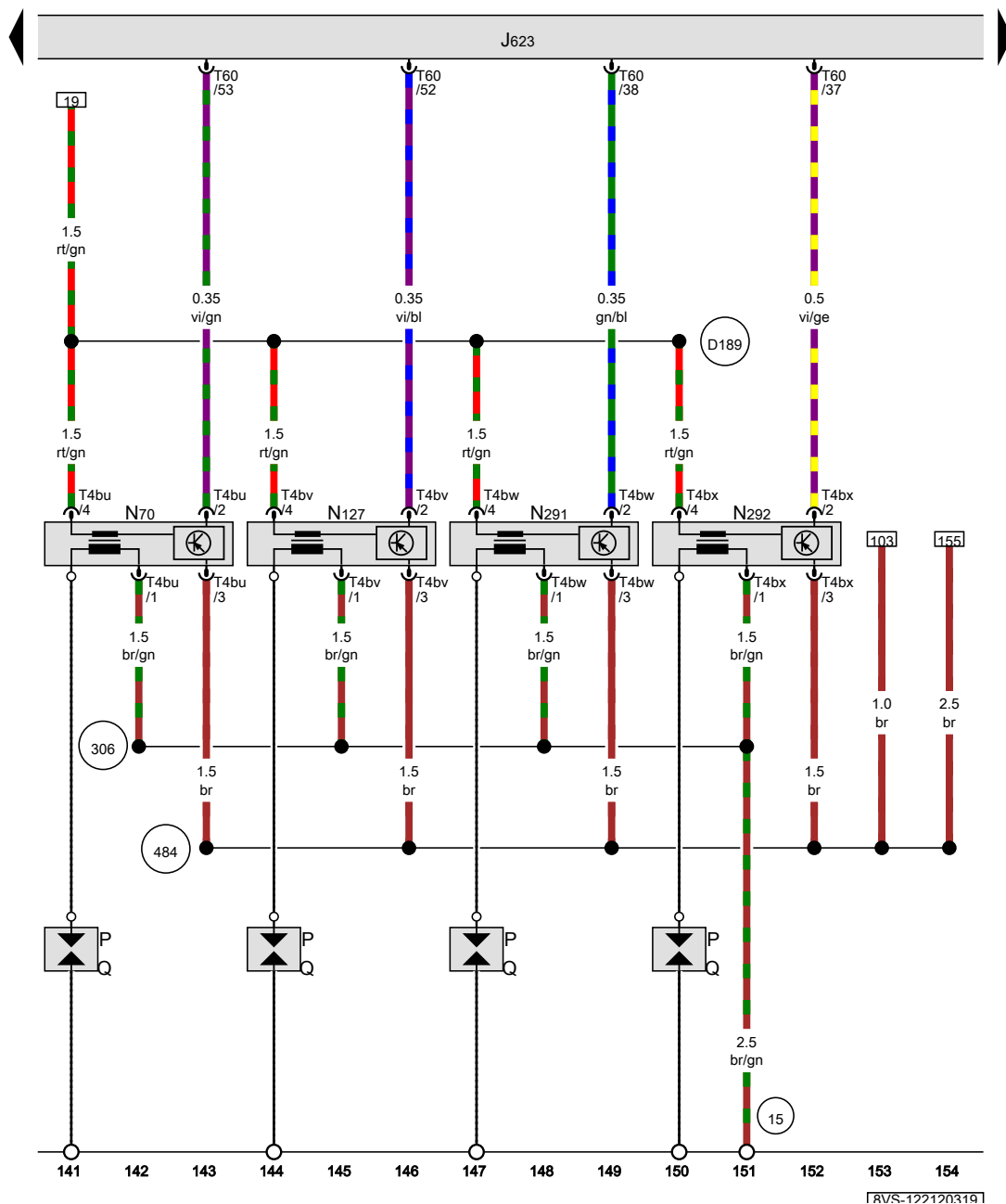


Knock sensor 1, Coolant temperature sender, Gearbox neutral position sender, Engine/motor control unit, Charge pressure positioner

- G61 Knock sensor 1
- G62 Coolant temperature sender
- G701 Gearbox neutral position sender
- J623 Engine/motor control unit
- T2ib 2-pin connector, black
- T2if 2-pin connector, black
- T3at 3-pin connector, black
- T6bk 6-pin connector, black
- T60 60-pin connector, black
- T94 94-pin connector, black
- V465 Charge pressure positioner

458 Earth point 3, engine prewiring harness

D174 Connection 2 (5V) in engine prewiring harness

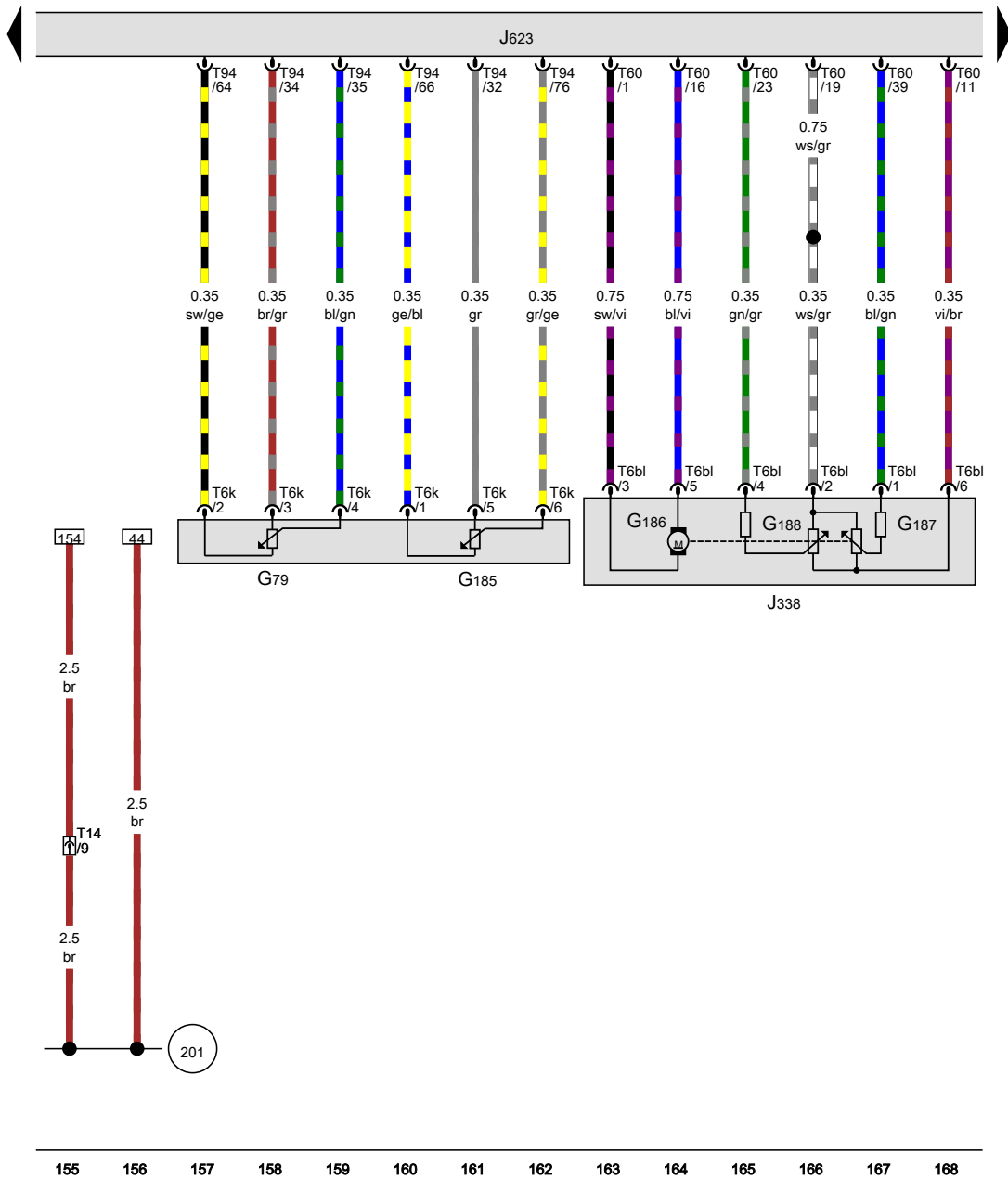


Engine/motor control unit, Ignition coil 1 with output stage, Ignition coil 2 with output stage, Ignition coil 3 with output stage, Ignition coil 4 with output stage

- J623 Engine/motor control unit
- N70 Ignition coil 1 with output stage
- N127 Ignition coil 2 with output stage
- N291 Ignition coil 3 with output stage
- N292 Ignition coil 4 with output stage
- P Spark plug connector
- Q Spark plugs
- T4bu 4-pin connector, black
- T4bv 4-pin connector, black
- T4bw 4-pin connector, black
- T4bx 4-pin connector, black
- T60 60-pin connector, black

- 15 Earth point, on cylinder head
- 306 Earth connection (ignition coils), in engine prewiring harness
- 484 Earth connection 2 (ignition coils), in engine prewiring harness
- D189 Connection (87a) in engine prewiring harness

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

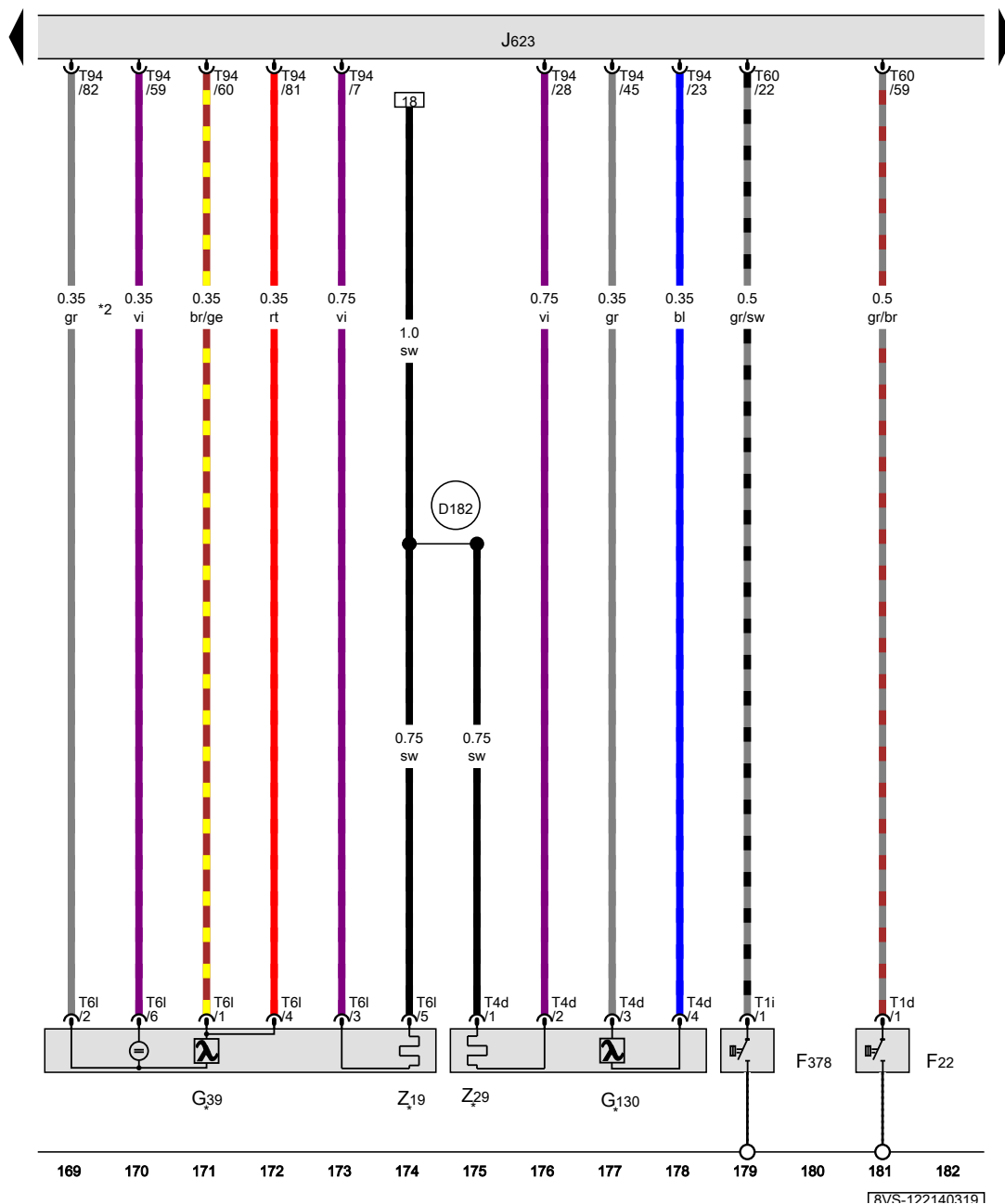


Accelerator position sender, Accelerator position sender 2, Throttle valve module, Engine/motor control unit

- G79 Accelerator position sender
- G185 Accelerator position sender 2
- G186 Throttle valve drive for electric throttle
- G187 Throttle valve drive angle sender 1 for electric throttle
- G188 Throttle valve drive angle sender 2 for electric throttle
- J338 Throttle valve module
- J623 Engine/motor control unit
- T6bl 6-pin connector, black
- T6k 6-pin connector, black
- T14 14-pin connector, near front left longitudinal member, grey
- T60 60-pin connector, black
- T94 94-pin connector, black

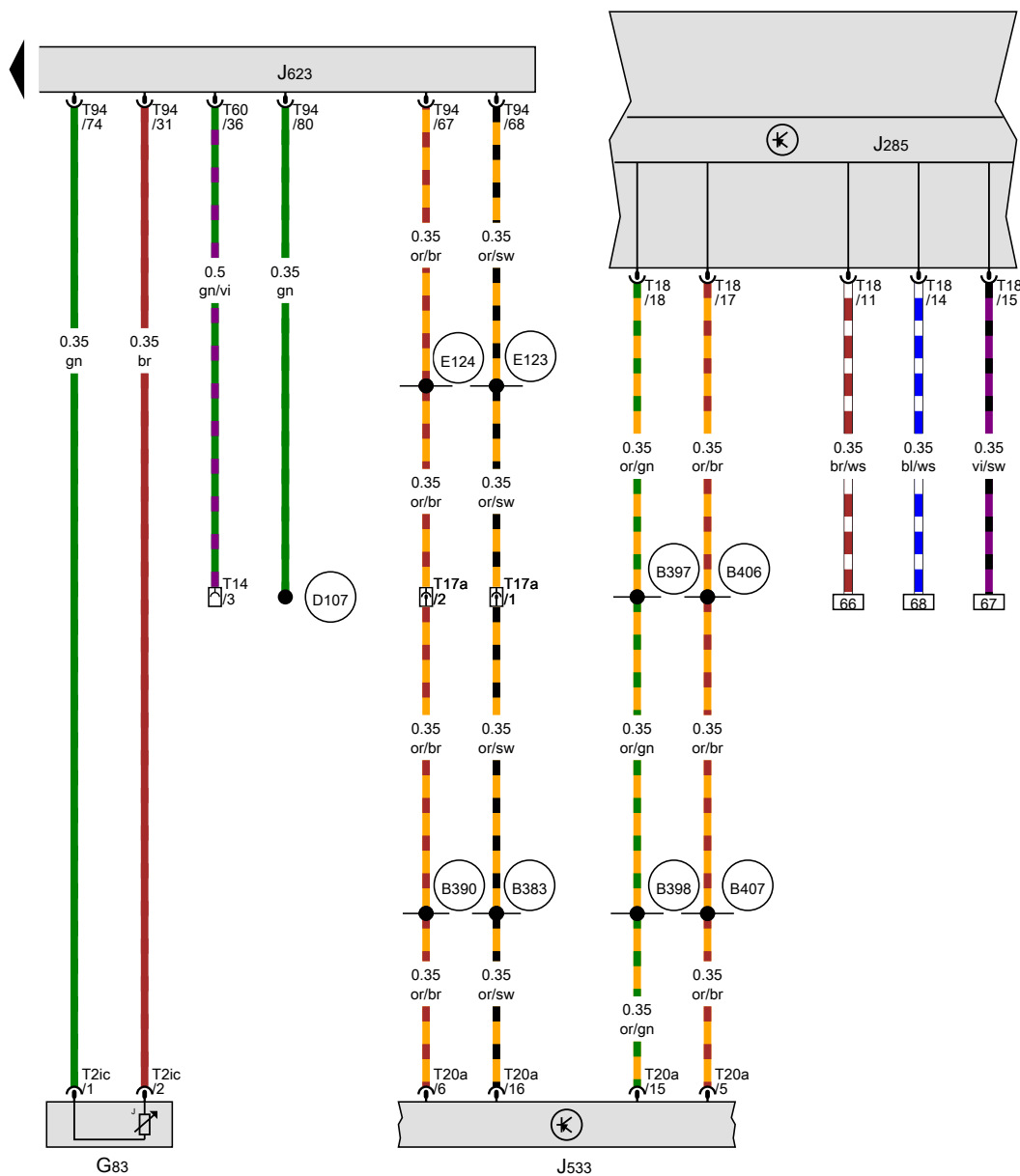
201 Earth connection 5, in engine compartment wiring harness

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



Oil pressure switch, Oil pressure switch for reduced oil pressure, Lambda probe, Lambda probe after catalytic converter, Engine/motor control unit, Lambda probe 1 heater after catalytic converter

- F22 Oil pressure switch
- F378 Oil pressure switch for reduced oil pressure
- G39 Lambda probe
- G130 Lambda probe after catalytic converter
- J623 Engine/motor control unit
- T1d 1-pin connector, black
- T1i 1-pin connector, black
- T4d 4-pin connector, black
- T6I 6-pin connector, black
- T60 60-pin connector, black
- T94 94-pin connector, black
- Z19 Lambda probe heater
- Z29 Lambda probe 1 heater after catalytic converter
- D182 Connection 3 (87a), in engine compartment wiring harness
- * Pre-wired component
- *2 Wiring colour depends on equipment



Radiator outlet coolant temperature sender, Control unit in dash panel insert, Data bus diagnostic interface, Engine/motor control unit

- G83 Radiator outlet coolant temperature sender
- J285 Control unit in dash panel insert
- J533 Data bus diagnostic interface
- J623 Engine/motor control unit
- T2ic 2-pin connector, black
- T14 14-pin connector, near front left longitudinal member, grey
- T17a 17-pin connector, black
- T18 18-pin connector, black
- T20a 20-pin connector, red
- T60 60-pin connector, black
- T94 94-pin connector, black
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness
- D107 Connection 5 in engine compartment wiring harness
- E123 Connection 1 (powertrain CAN bus, high), in engine wiring harness
- E124 Connection 1 (powertrain CAN bus, low), in engine wiring harness

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

183 184 185 186 187 188 189 190 191 192 193 194 195 196

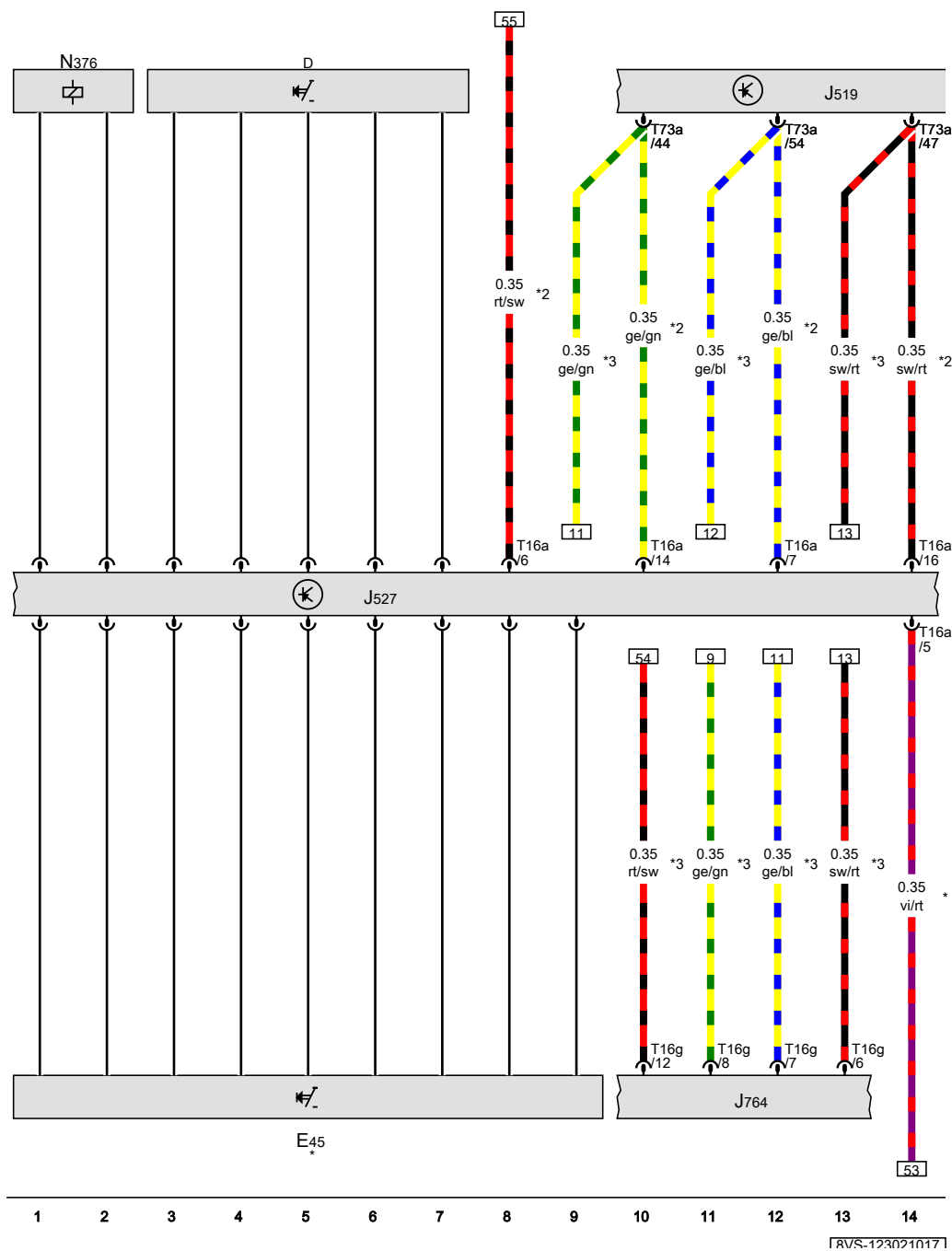
18V5-1221503191

1.6l diesel engine , DBKA

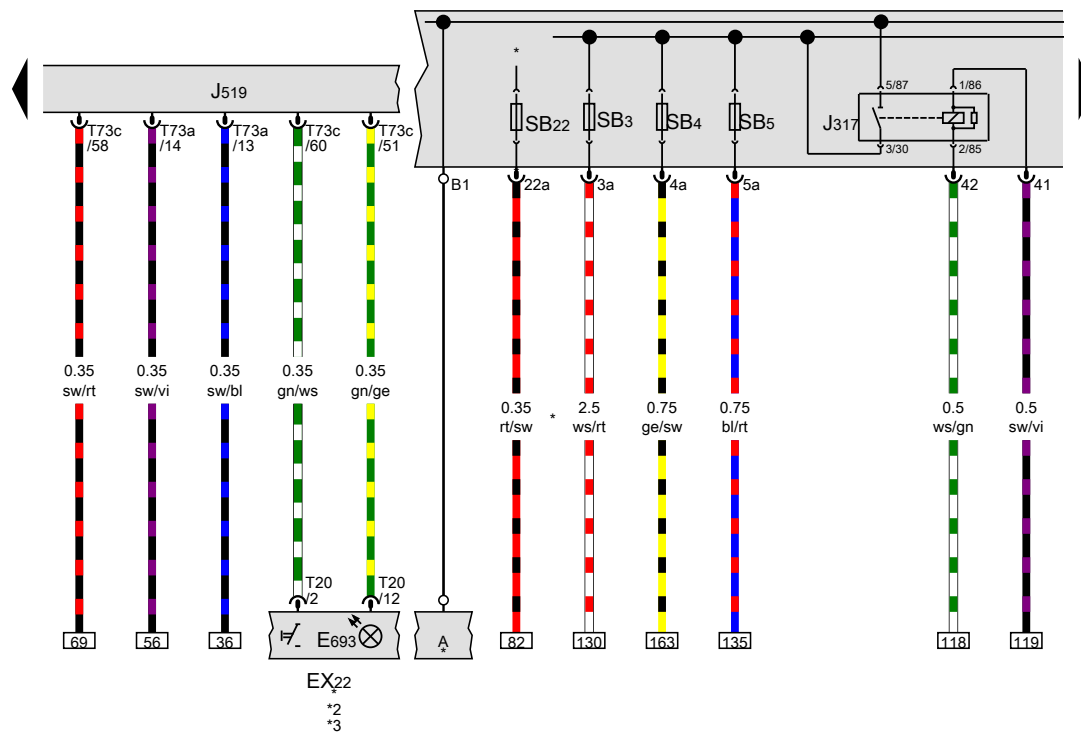
From May 2015

Ignition/starter switch, Cruise control system switch,
Onboard supply control unit, Steering column electronics
control unit

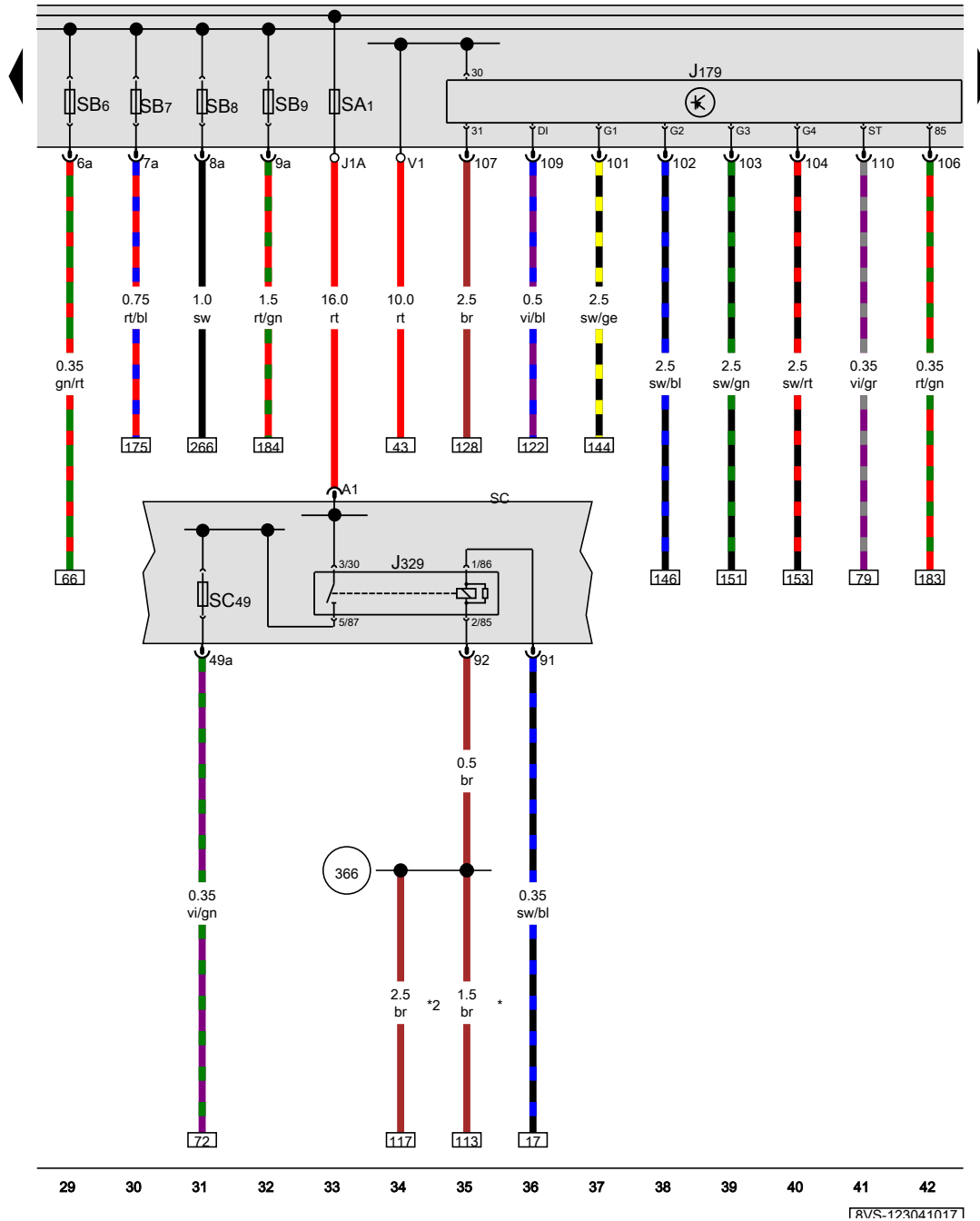
- D Ignition/starter switch
- E45 Cruise control system switch
- J519 Onboard supply control unit
- J527 Steering column electronics control unit
- J764 Control unit for electronic steering column lock
- N376 Ignition key withdrawal lock solenoid
- T16a 16-pin connector, black
- T16g 16-pin connector, black
- T73a 73-pin connector, black
- * For models with cruise control system (CCS)
- *2 For models with no entry and start authorisation
- *3 For models with entry and start authorisation



- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
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 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

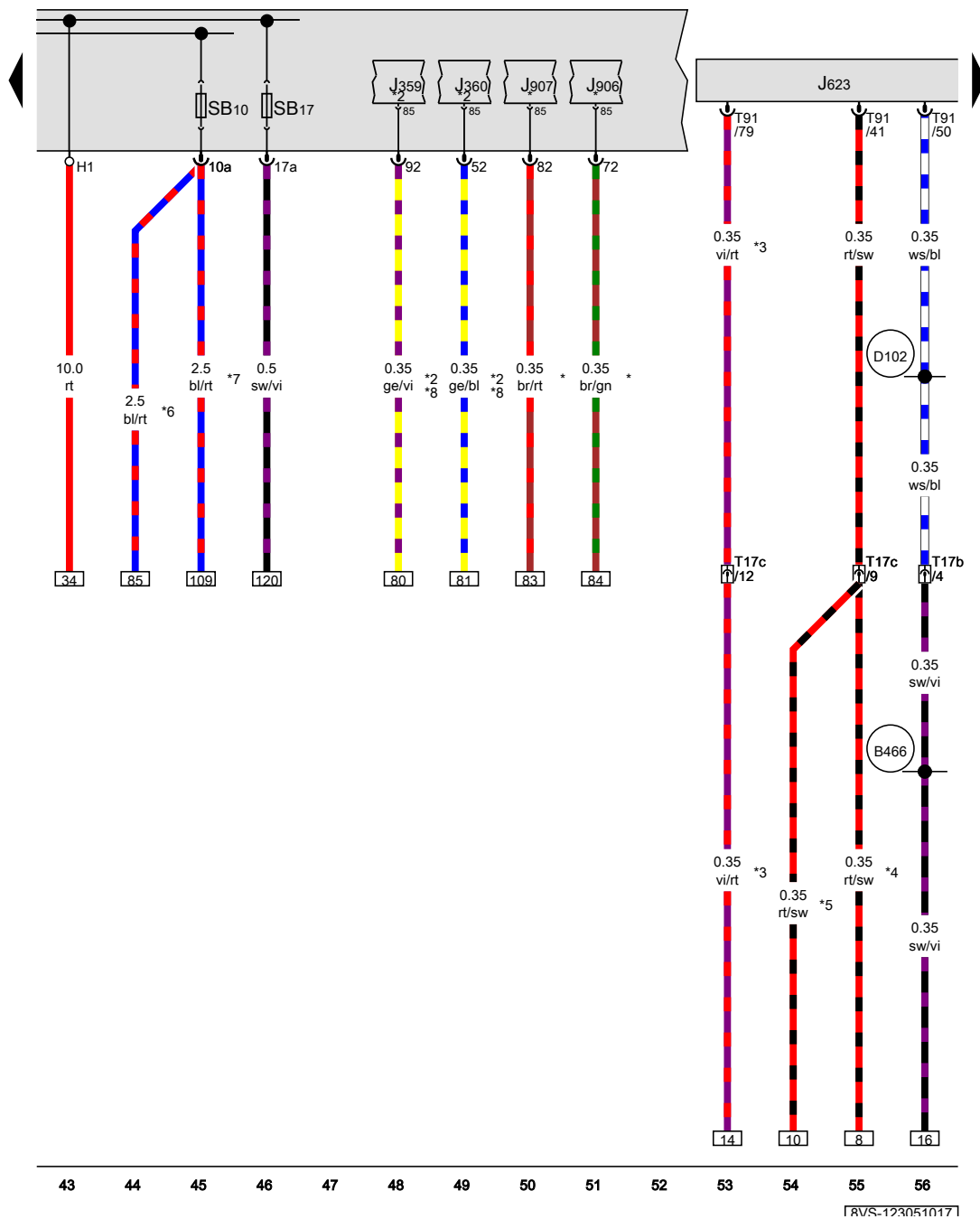


Automatic glow period control unit, Terminal 15 voltage supply relay, Fuse holder C

- J179 Automatic glow period control unit
- J329 Terminal 15 voltage supply relay
- SA1 Fuse 1 on fuse holder A
- SB6 Fuse 6 on fuse holder B
- SB7 Fuse 7 on fuse holder B
- SB8 Fuse 8 on fuse holder B
- SB9 Fuse 9 on fuse holder B
- SC Fuse holder C
- SC49 Fuse 49 on fuse holder C

366 Earth connection 1, in main wiring harness

- * For right-hand drive models
- *2 For left-hand drive models



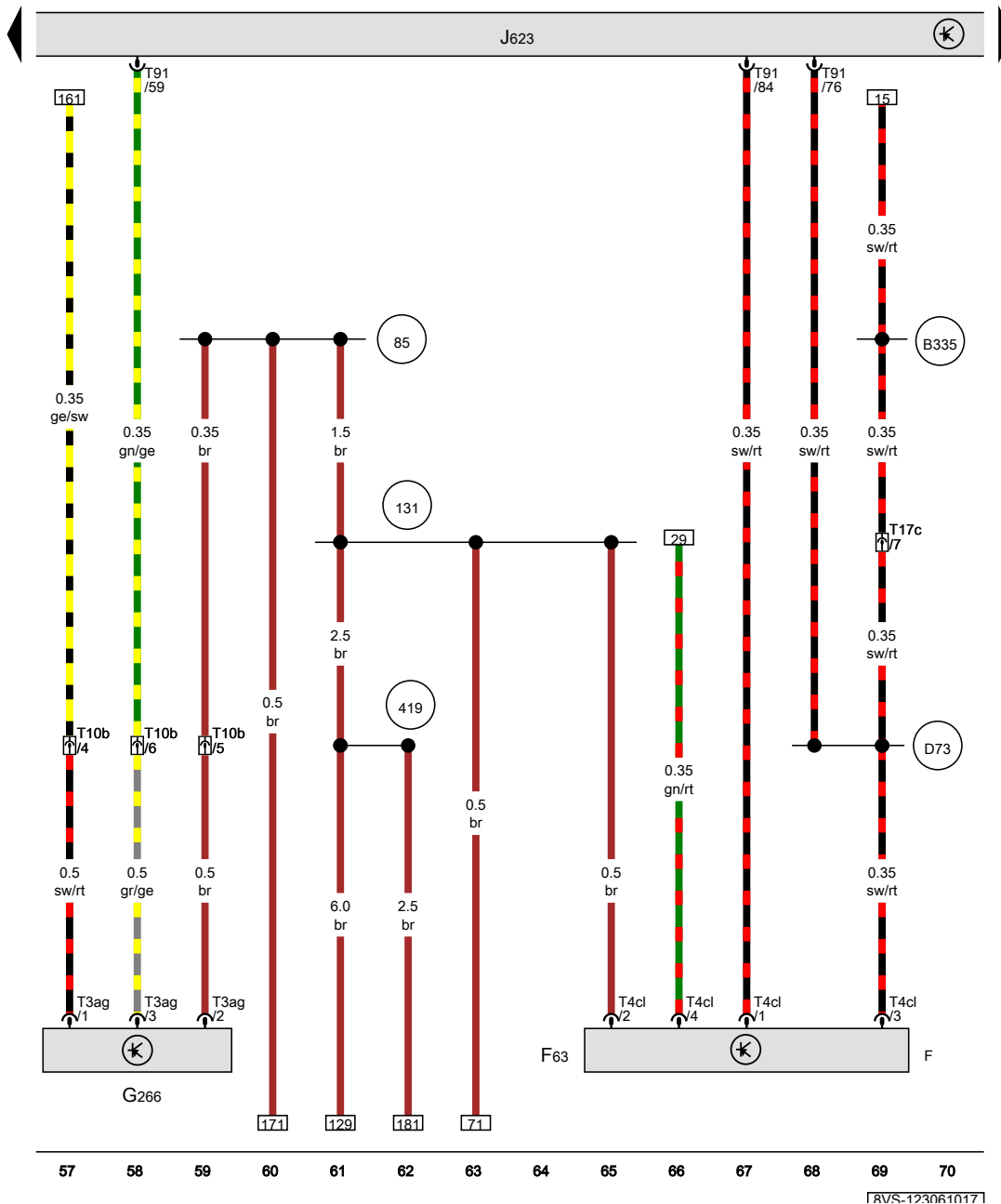
Low heat output relay, High heat output relay, Engine/motor control unit

- J359 Low heat output relay
- J360 High heat output relay
- J623 Engine/motor control unit
- J906 Starter relay 1
- J907 Starter relay 2
- SB10 Fuse 10 on fuse holder B
- SB17 Fuse 17 on fuse holder B
- T17b 17-pin connector, brown
- T17c 17-pin connector, red
- T91 91-pin connector, black

B466 Connection 2, in main wiring harness

D102 Connection 2 in engine compartment wiring harness

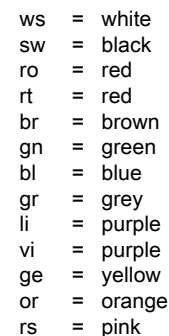
- * see applicable current flow diagram for battery in engine compartment
- *2 For models with auxiliary air heater
- *3 For models with cruise control system (CCS)
- *4 For models with no entry and start authorisation
- *5 For models with entry and start authorisation
- *6 For models with front-wheel drive
- *7 For models with all-wheel drive
- *8 see applicable current flow diagram



Brake light switch, Brake pedal switch, Oil level and oil temperature sender, Engine/motor control unit

- F Brake light switch
- F63 Brake pedal switch
- G266 Oil level and oil temperature sender
- J623 Engine/motor control unit
- T3ag 3-pin connector, black
- T4cl 4-pin connector, black
- T10b 10-pin connector, black
- T17c 17-pin connector, red
- T91 91-pin connector, black
- 85 Earth connection 1, in engine compartment wiring harness
- 131 Earth connection 2, in engine compartment wiring harness
- 419 Earth connection 11, in engine compartment wiring harness
- B335 Connection 1 (54), in main wiring harness
- D73 Positive connection (54), in engine compartment wiring harness

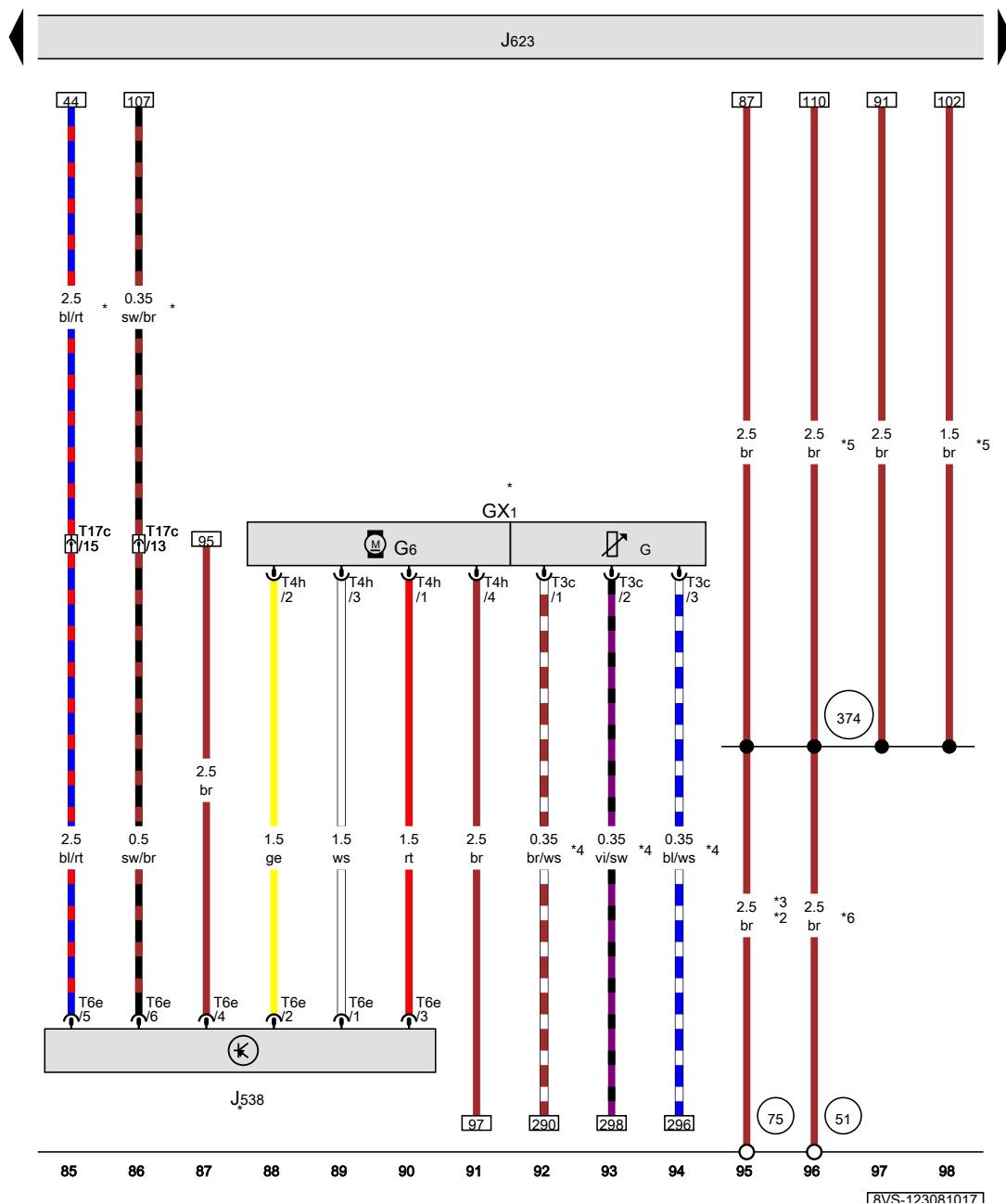
ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink



G476	Clutch position sender
J104	ABS control unit
J623	Engine/motor control unit
T5o	5-pin connector, black
T17c	17-pin connector, red
T46a	46-pin connector, black
T91	91-pin connector, black

- D103 Connection 3 in engine compartment wiring harness

- * For models with manual gearbox
- *2 see applicable current flow diagram for battery in engine compartment
- *3 For models with auxiliary air heater
- *4 see applicable current flow diagram
- *5 For models with dual clutch gearbox



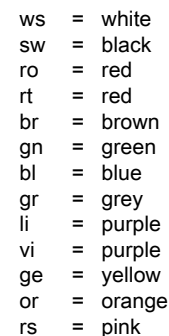
Fuel gauge sender, Fuel delivery unit, Fuel system pressurisation pump, Fuel pump control unit, Engine/motor control unit

- G Fuel gauge sender
- GX1 Fuel delivery unit
- G6 Fuel system pressurisation pump
- J538 Fuel pump control unit
- J623 Engine/motor control unit
- T3c 3-pin connector, black
- T4h 4-pin connector, black
- T6e 6-pin connector, black
- T17c 17-pin connector, red

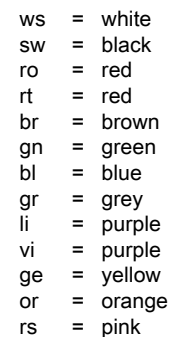
- 51 Earth point, on right in luggage compartment
- 75 Earth point, rear right pillar
- 374 Earth connection 9, in main wiring harness

- * For models with front-wheel drive
- *2 For models with 3 doors
- *3 For models with 5 doors
- *4 see applicable current flow diagram for fuel system
- *5 For models with no auxiliary heater
- *6 For models with 4 doors

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

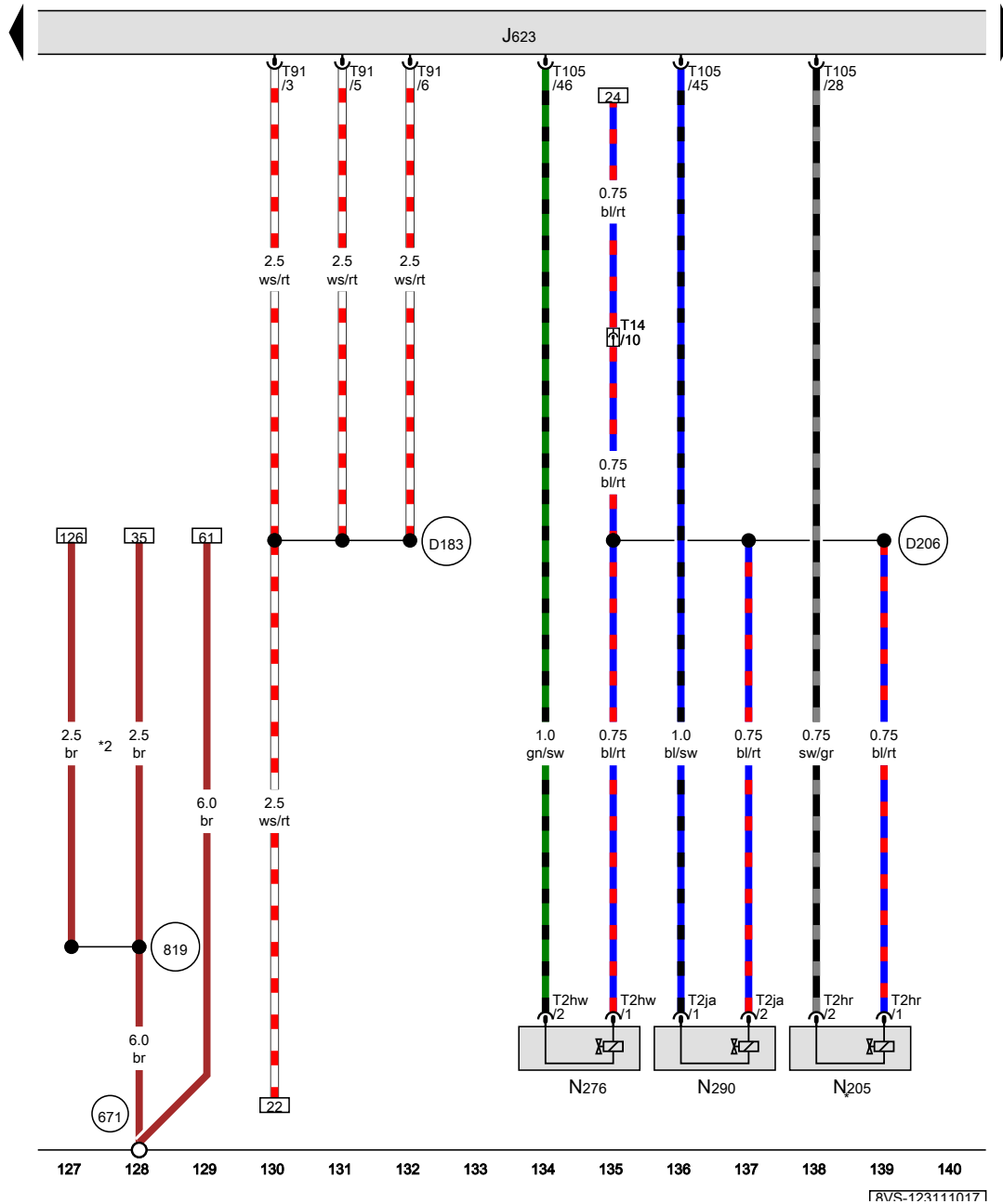


- * For models with all-wheel drive
- *2 For models with auxiliary heating
- *3 Wiring colour depends on equipment
- *4 see applicable current flow diagram for fuel system
- *5 For models with no auxiliary heater
- *6 For models with front-wheel drive



J623 Engine/motor control unit
T3 3-pin connector, black
T91 91-pin connector, black

- 57 Earth point, rear left pillar
- 209 Earth connection 6, in engine compartment wiring harness
- 369 Earth connection 4, in main wiring harness
- 370 Earth connection 5, in main wiring harness
- 373 Earth connection 8, in main wiring harness
- 384 Earth connection 19, in main wiring harness
- 639 Earth point, left A-pillar
- 684 Earth point on front of left side member
- D78 Positive connection 1 (30a), in engine compartment wiring harness
 - * For models with auxiliary heating
 - *2 For models with 3 doors
 - *3 For models with 5 doors
 - *4 For models with 4 doors
 - *5 Different wire colour possible
 - *6 For right-hand drive models
 - *7 For left-hand drive models



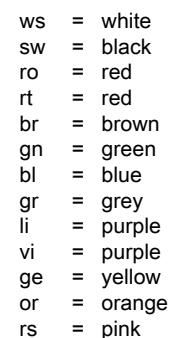
Engine/motor control unit, Camshaft control valve 1, Fuel pressure regulating valve, Fuel metering valve

- J623 Engine/motor control unit
- N205 Camshaft control valve 1
- N276 Fuel pressure regulating valve
- N290 Fuel metering valve
- T2hr 2-pin connector, black
- T2hw 2-pin connector, black
- T2ja 2-pin connector, black
- T14 14-pin connector, grey
- T91 91-pin connector, black
- T105 105-pin connector, black

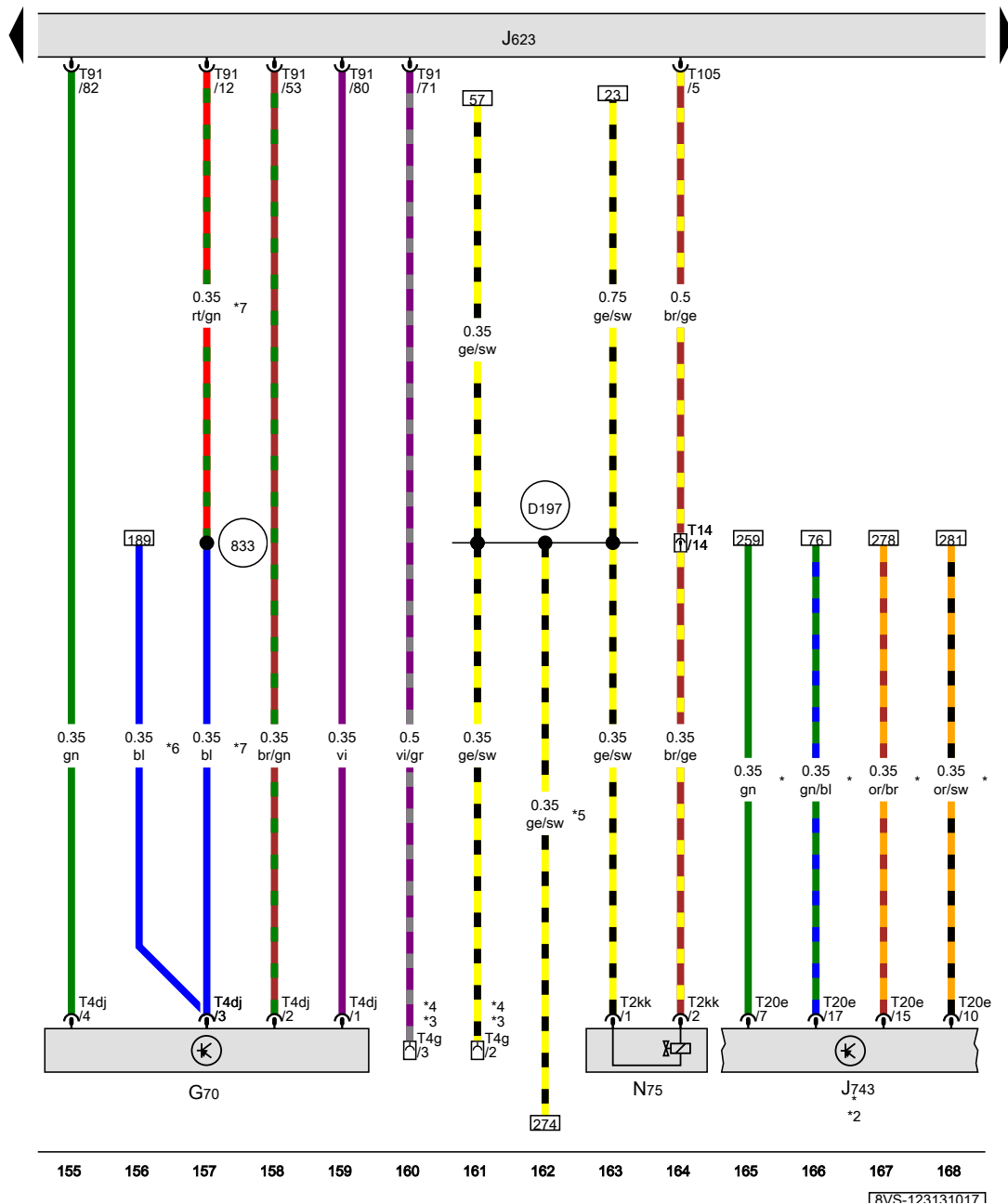
- 671 Earth point 1, on front of left longitudinal member
- 819 Earth connection 12, in engine compartment wiring harness
- D183 Connection 4 (87a), in engine compartment wiring harness
- D206 Connection 4 (87a) in engine prewiring harness
- * If fitted
- *2 Different wire colour possible

- ws = white
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- gr = grey
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- vi = purple
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- rs = pink

G679	Cylinder 3 combustion chamber pressure sender
G692	Pressure sender 2 for exhaust gas recirculation
J623	Engine/motor control unit
Q10	Glow plug 1
Q11	Glow plug 2
Q12	Glow plug 3
Q13	Glow plug 4
T1e	1-pin connector, black
T1f	1-pin connector, black
T1h	1-pin connector, black
T3ch	3-pin connector, black
T4dh	4-pin connector, black
T14	14-pin connector, grey
T105	105-pin connector, black



Air mass meter, Engine/motor control unit, Mechatronic unit for dual clutch gearbox, Charge pressure control solenoid valve



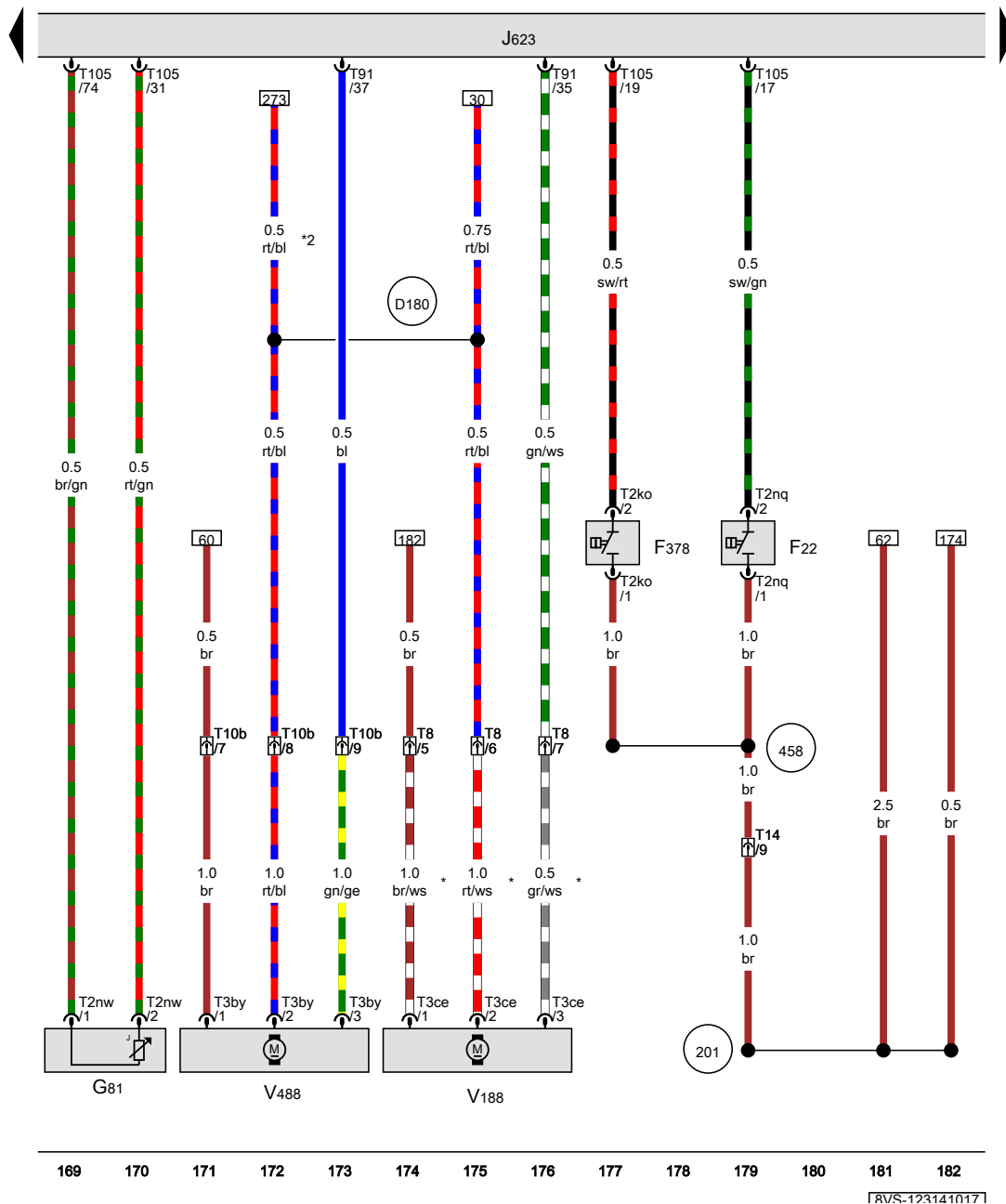
- G70 Air mass meter
- J623 Engine/motor control unit
- J743 Mechatronic unit for dual clutch gearbox
- N75 Charge pressure control solenoid valve
- T2kk 2-pin connector, black
- T4dj 4-pin connector, black
- T4g 4-pin connector, black
- T14 14-pin connector, grey
- T20e 20-pin connector, black
- T91 91-pin connector, black
- T105 105-pin connector, black

833 Earth connection 15, in engine compartment wiring harness

D197 Connection 5 (87a), in engine compartment wiring harness

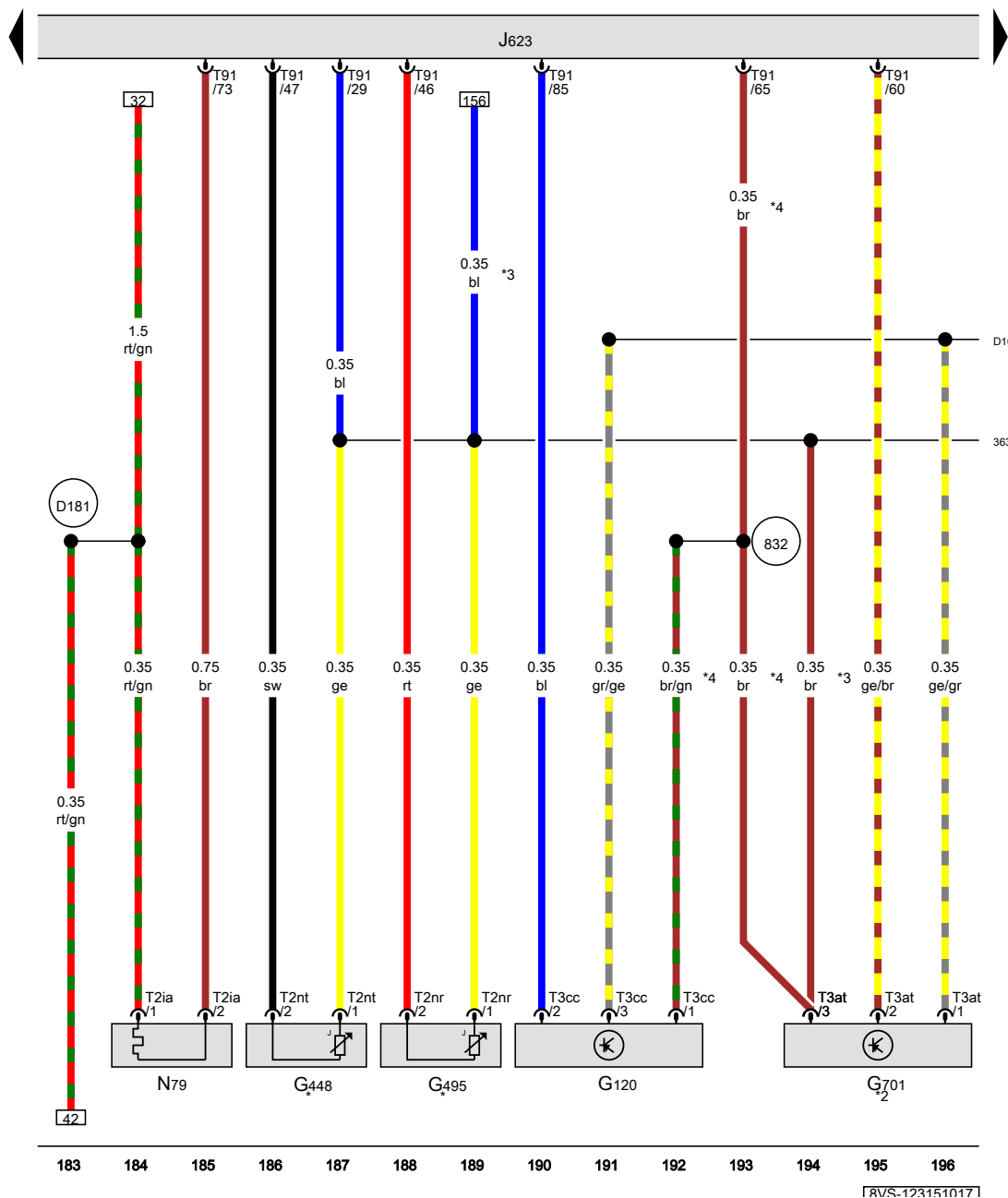
- * For models with dual clutch gearbox
- *2 If fitted
- *3 Radiator fan connection
- *4 see applicable current flow diagram for radiator fan
- *5 Up to April 2016
- *6 Gradually discontinued
- *7 gradual introduction

Oil pressure switch, Oil pressure switch for reduced oil pressure, Fuel temperature sender, Engine/motor control unit, Charge air cooling pump, Auxiliary pump for heating



ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

- F22 Oil pressure switch
- F378 Oil pressure switch for reduced oil pressure
- G81 Fuel temperature sender
- J623 Engine/motor control unit
- T2ko 2-pin connector, black
- T2nq 2-pin connector, black
- T2nw 2-pin connector, black
- T3by 3-pin connector, black
- T3ce 3-pin connector, black
- T8 8-pin connector, black
- T10b 10-pin connector, black
- T14 14-pin connector, grey
- T91 91-pin connector, black
- T105 105-pin connector, black
- V188 Charge air cooling pump
- V488 Auxiliary pump for heating
- 201 Earth connection 5, in engine compartment wiring harness
- 458 Earth point 3, engine prewiring harness
- D180 Connection (87a), in engine compartment wiring harness
- * Wiring colour depends on equipment
- *2 From May 2016



Water level sender, Exhaust gas temperature sender 2, Exhaust gas temperature sender 3, Gearbox neutral position sender, Engine/motor control unit, Heater element for crankcase breather

- G120 Water level sender
- G448 Exhaust gas temperature sender 2
- G495 Exhaust gas temperature sender 3
- G701 Gearbox neutral position sender
- J623 Engine/motor control unit
- N79 Heater element for crankcase breather
- T2ia 2-pin connector, black
- T2nr 2-pin connector, black
- T2nt 2-pin connector, black
- T3at 3-pin connector, black
- T3cc 3-pin connector
- T91 91-pin connector, black

- 363 Earth connection 8, in engine compartment wiring harness
- 832 Earth connection 14, in engine compartment wiring harness
- D108 Connection 6 in engine compartment wiring harness
- D181 Connection 2 (87a), in engine compartment wiring harness

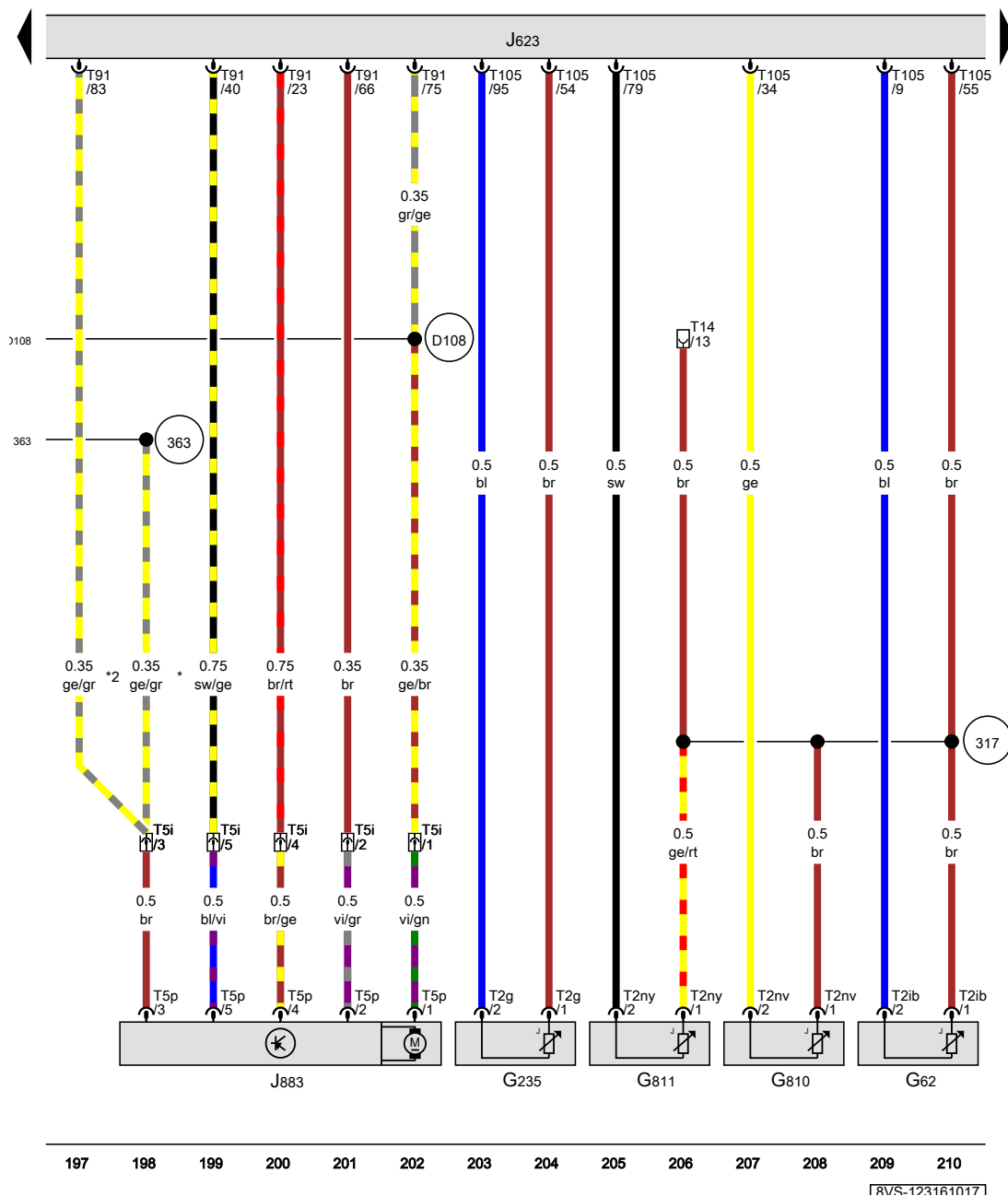
* Pre-wired component

*2 If fitted

*3 Gradually discontinued

*4 gradual introduction

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
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- vi = purple
- ge = yellow
- or = orange
- rs = pink



Coolant temperature sender, Exhaust gas temperature sender 1, Charge air temperature sender before charge air cooler, Charge air temperature sender after charge air cooler, Engine/motor control unit, Exhaust flap control unit

- G62 Coolant temperature sender
- G235 Exhaust gas temperature sender 1
- G810 Charge air temperature sender before charge air cooler
- G811 Charge air temperature sender after charge air cooler
- J623 Engine/motor control unit
- J883 Exhaust flap control unit
- T2g 2-pin connector, black
- T2ib 2-pin connector, black
- T2nv 2-pin connector, black
- T2ny 2-pin connector, black
- T5i 5-pin connector, black
- T5p 5-pin connector, black
- T14 14-pin connector, grey
- T91 91-pin connector, black
- T105 105-pin connector, black

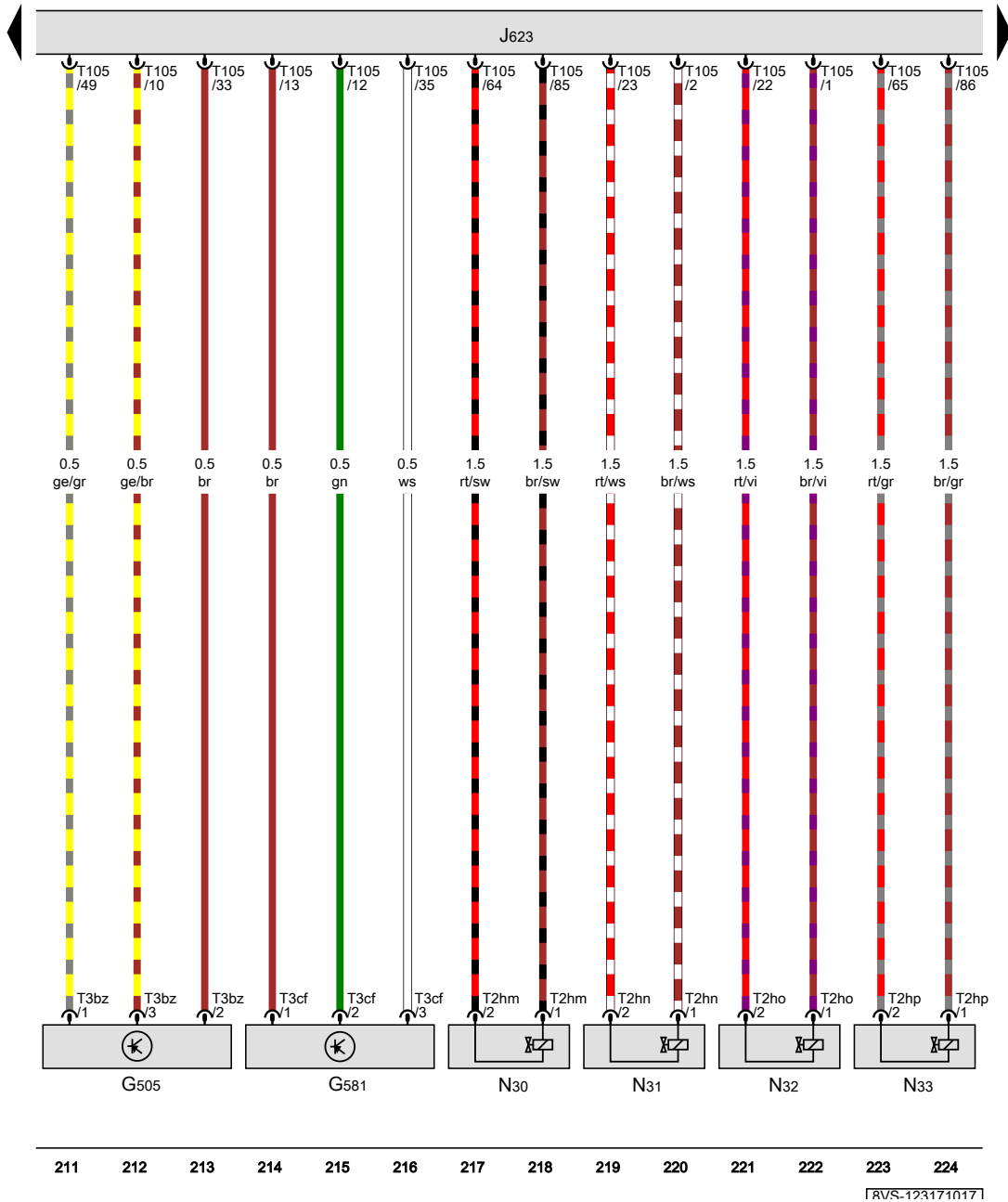
317 Earth connection 7, in engine compartment wiring harness

363 Earth connection 8, in engine compartment wiring harness

D108 Connection 6 in engine compartment wiring harness

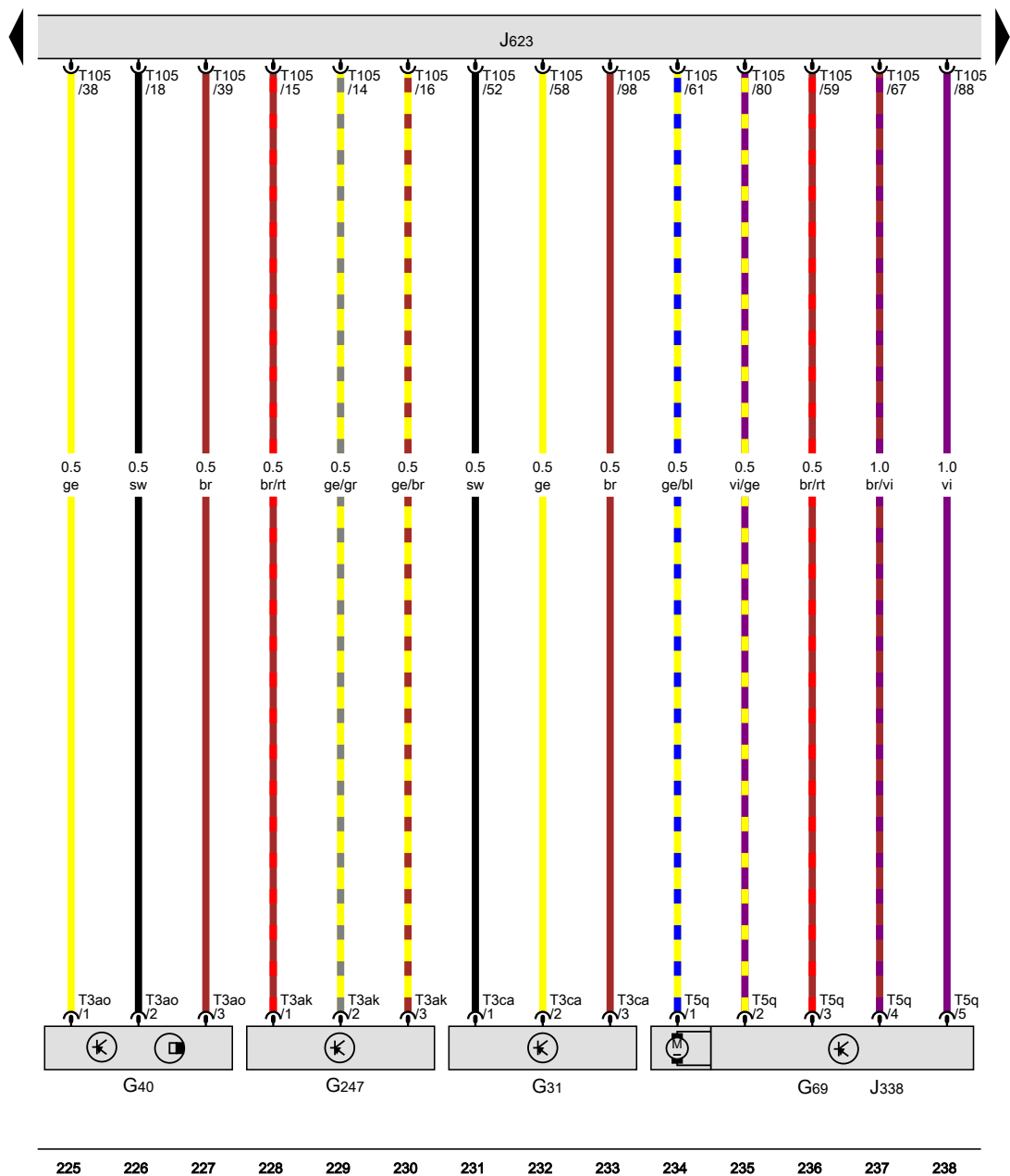
* Gradually discontinued
*2 gradual introduction

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rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink



Pressure differential sender, Position sender for charge pressure positioner, Engine/motor control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

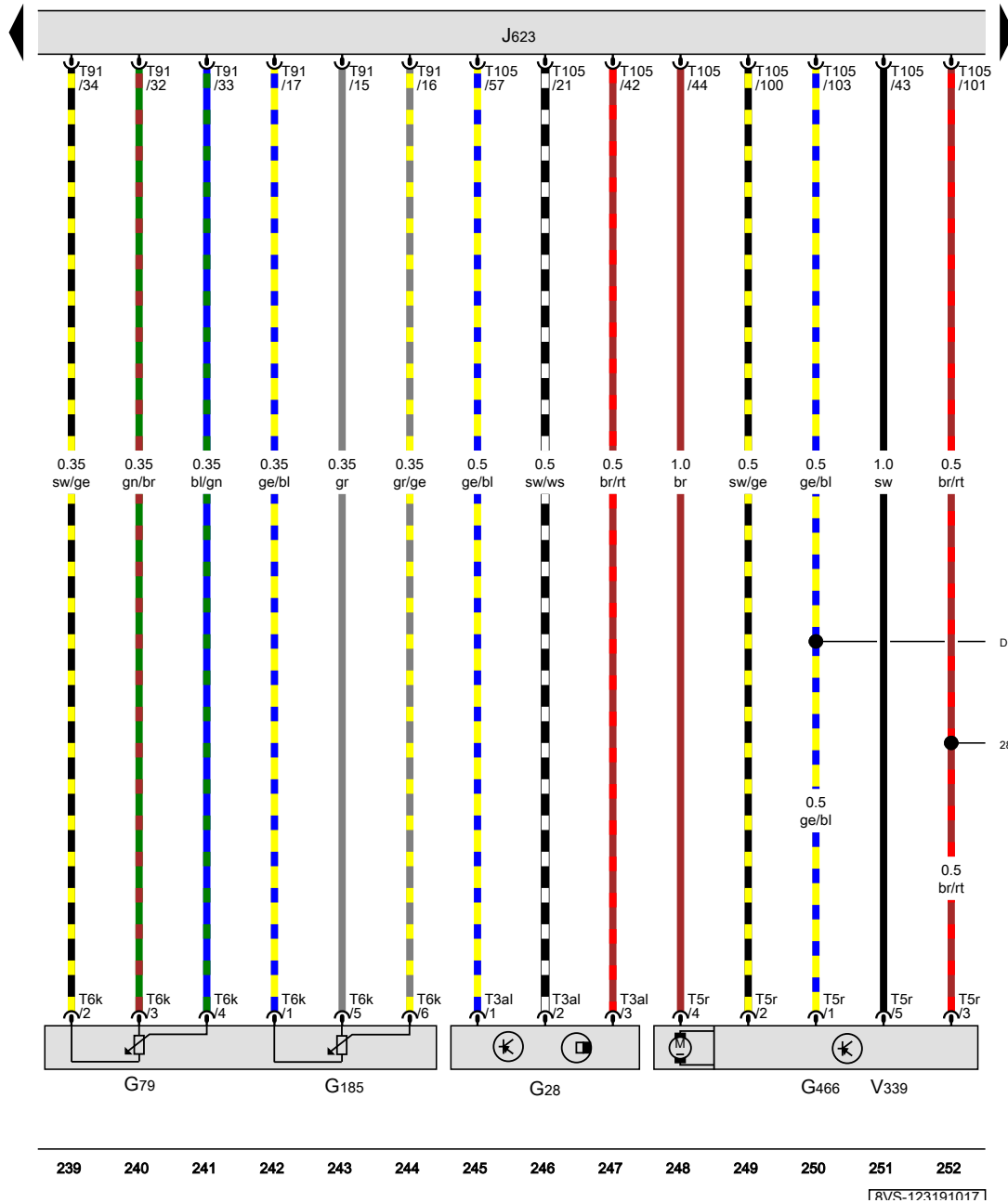
- G505 Pressure differential sender
- G581 Position sender for charge pressure positioner
- J623 Engine/motor control unit
- N30 Injector, cylinder 1
- N31 Injector, cylinder 2
- N32 Injector, cylinder 3
- N33 Injector, cylinder 4
- T2hm 2-pin connector, black
- T2hn 2-pin connector, black
- T2ho 2-pin connector, black
- T2hp 2-pin connector, black
- T3bz 3-pin connector, black
- T3cf 3-pin connector, black
- T105 105-pin connector, black



Charge pressure sender, Hall sender, Throttle valve potentiometer, Fuel pressure sender, Throttle valve module, Engine/motor control unit

- G31 Charge pressure sender
- G40 Hall sender
- G69 Throttle valve potentiometer
- G247 Fuel pressure sender
- J338 Throttle valve module
- J623 Engine/motor control unit
- T3ak 3-pin connector, black
- T3ao 3-pin connector, black
- T3ca 3-pin connector, black
- T5q 5-pin connector, black
- T105 105-pin connector, black

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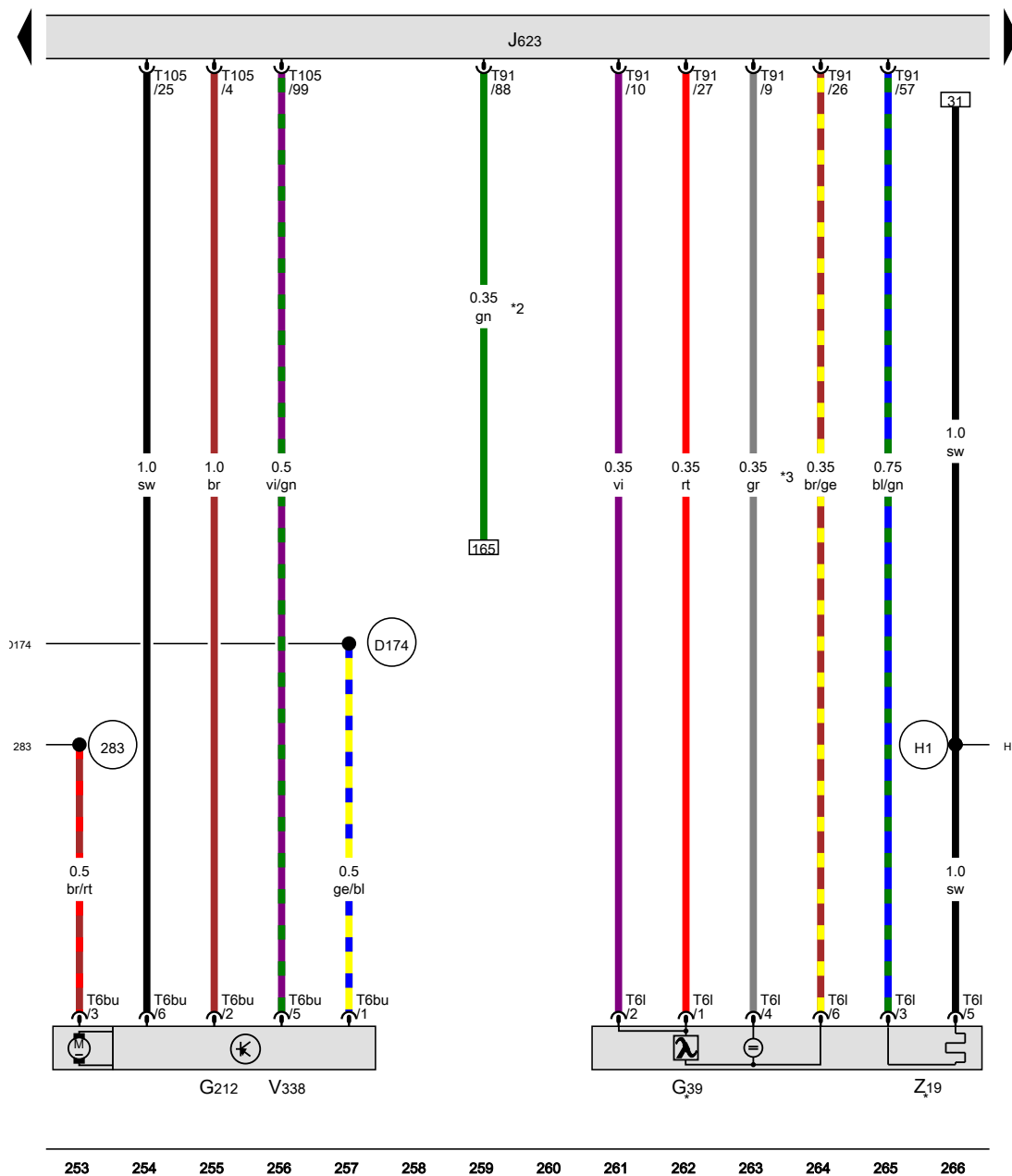
Engine speed sender, Accelerator position sender, Accelerator position sender 2, Exhaust gas recirculation potentiometer 2, Engine/motor control unit, Exhaust gas recirculation control motor 2

- G28 Engine speed sender
- G79 Accelerator position sender
- G185 Accelerator position sender 2
- G466 Exhaust gas recirculation potentiometer 2
- J623 Engine/motor control unit
- T3al 3-pin connector, black
- T5r 5-pin connector, black
- T6k 6-pin connector, black
- T91 91-pin connector, black
- T105 105-pin connector, black
- V339 Exhaust gas recirculation control motor 2

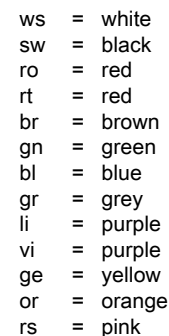
283 Earth point 2, engine prewiring harness

D174 Connection 2 (5V) in engine prewiring harness

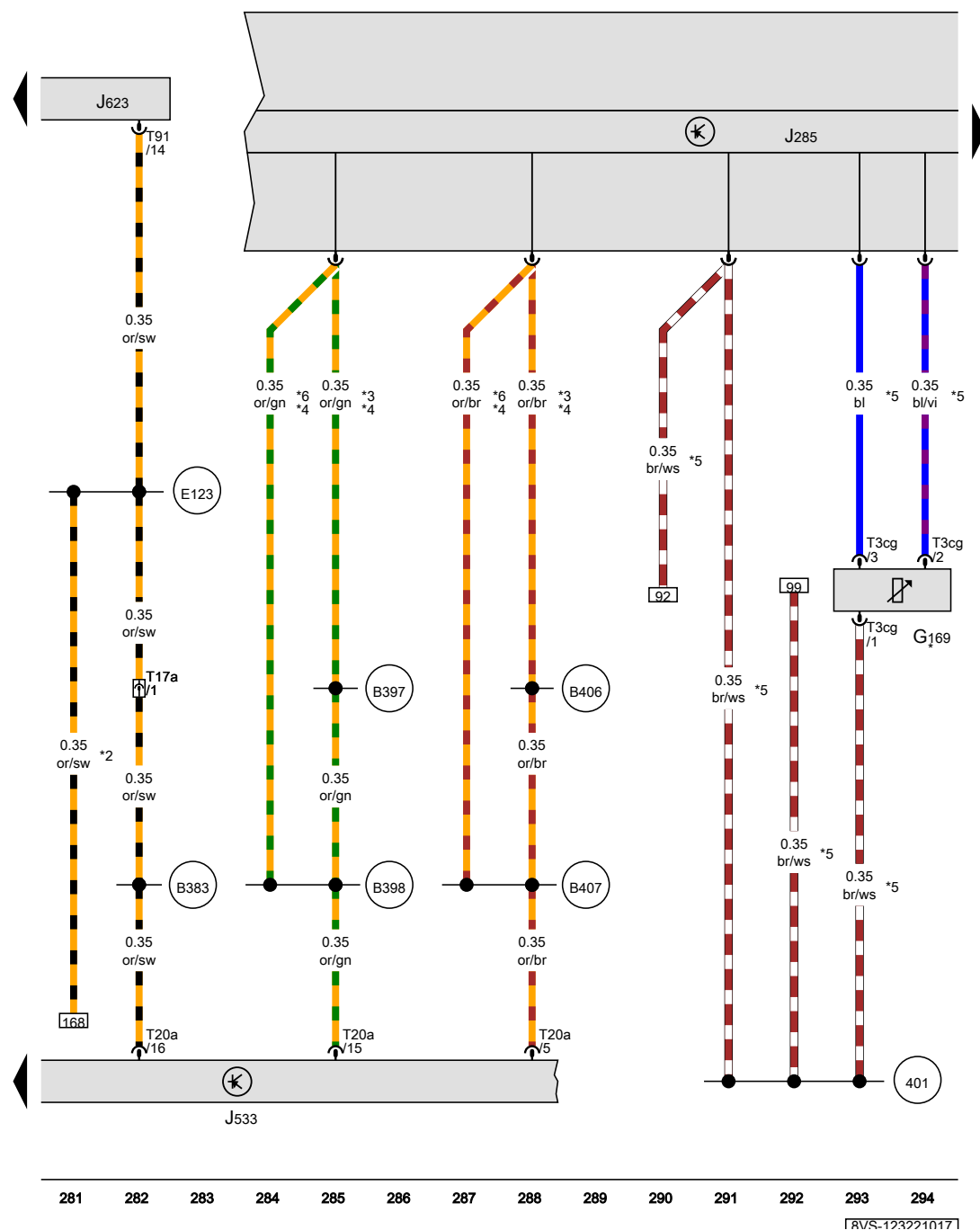
ws = white
sw = black
ro = red
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gn = green
bl = blue
gr = grey
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or = orange
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18V5-123201017



- * Pre-wired component
- *2 For models with dual clutch gearbox
- *3 Up to April 2016
- *4 Wiring colour depends on equipment
- *5 From May 2016



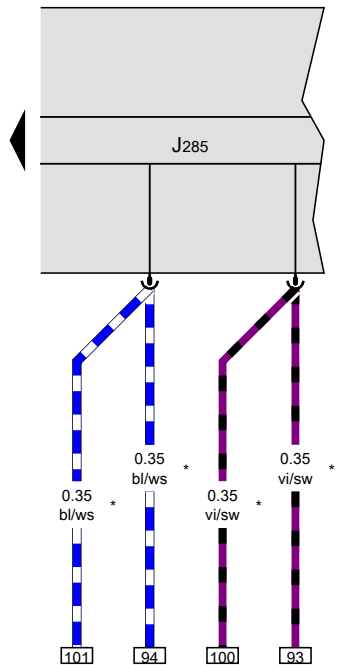
Fuel gauge sender 2, Control unit in dash panel insert, Data bus diagnostic interface, Engine/motor control unit

- G169 Fuel gauge sender 2
- J285 Control unit in dash panel insert
- J533 Data bus diagnostic interface
- J623 Engine/motor control unit
- T3cg 3-pin connector, black
- T17a 17-pin connector, black
- T20a 20-pin connector, red
- T91 91-pin connector, black

- 401 Earth connection (sender earth), in interior wiring harness
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness
- E123 Connection 1 (powertrain CAN bus, high), in engine wiring harness

- * For models with all-wheel drive
- *2 For models with dual clutch gearbox
- *3 For left-hand drive models
- *4 see applicable current flow diagram for dash panel insert
- *5 see applicable current flow diagram for fuel system
- *6 For right-hand drive models

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
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 li = purple
 vi = purple
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 or = orange
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Control unit in dash panel insert

J285 Control unit in dash panel insert
 * see applicable current flow diagram for fuel system

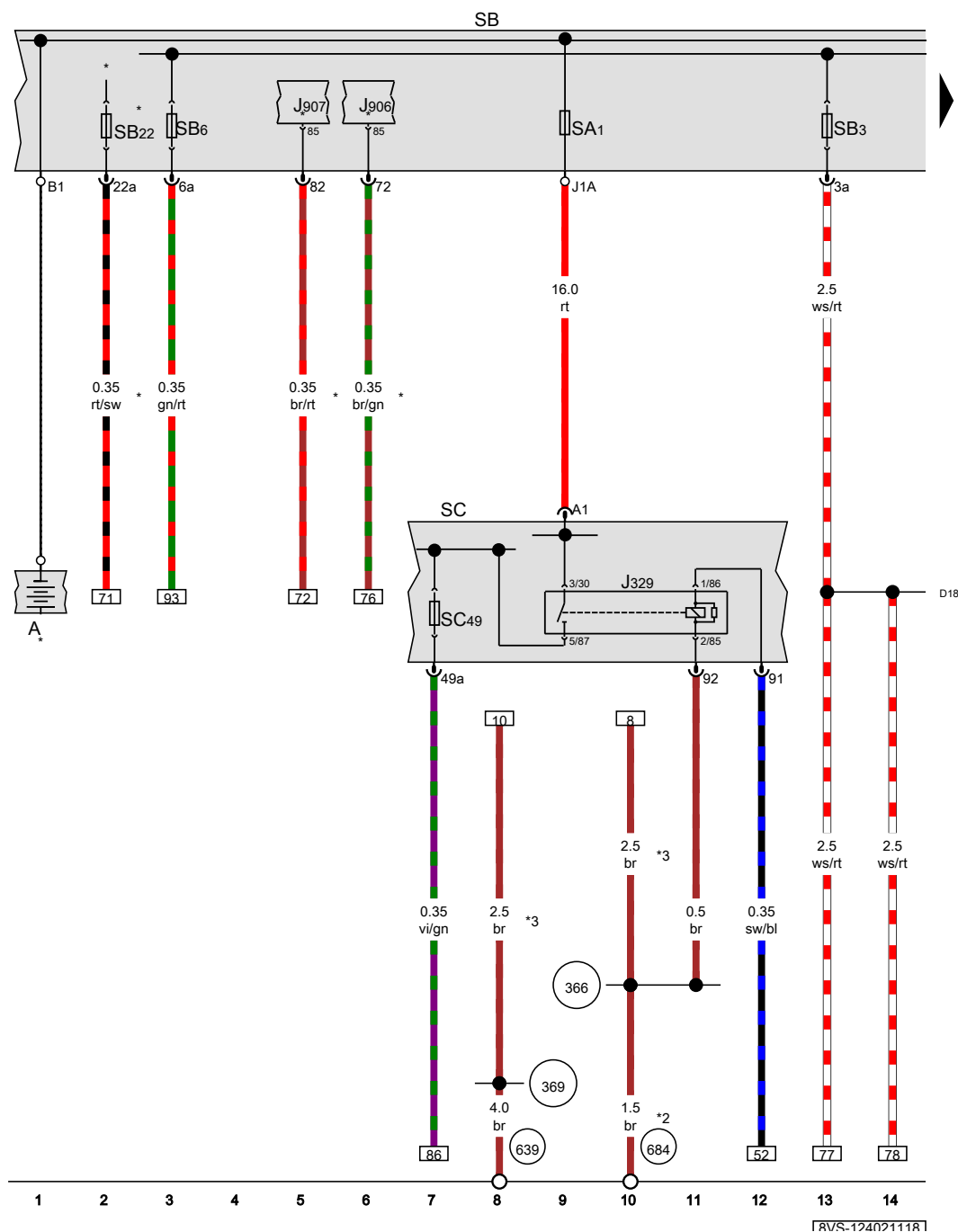
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 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

295 296 297 298 299 300 301 302 303 304 305 306 307 308

[AVS-123231017]

1.6l diesel engine , CXXB,CRKB,DDYA

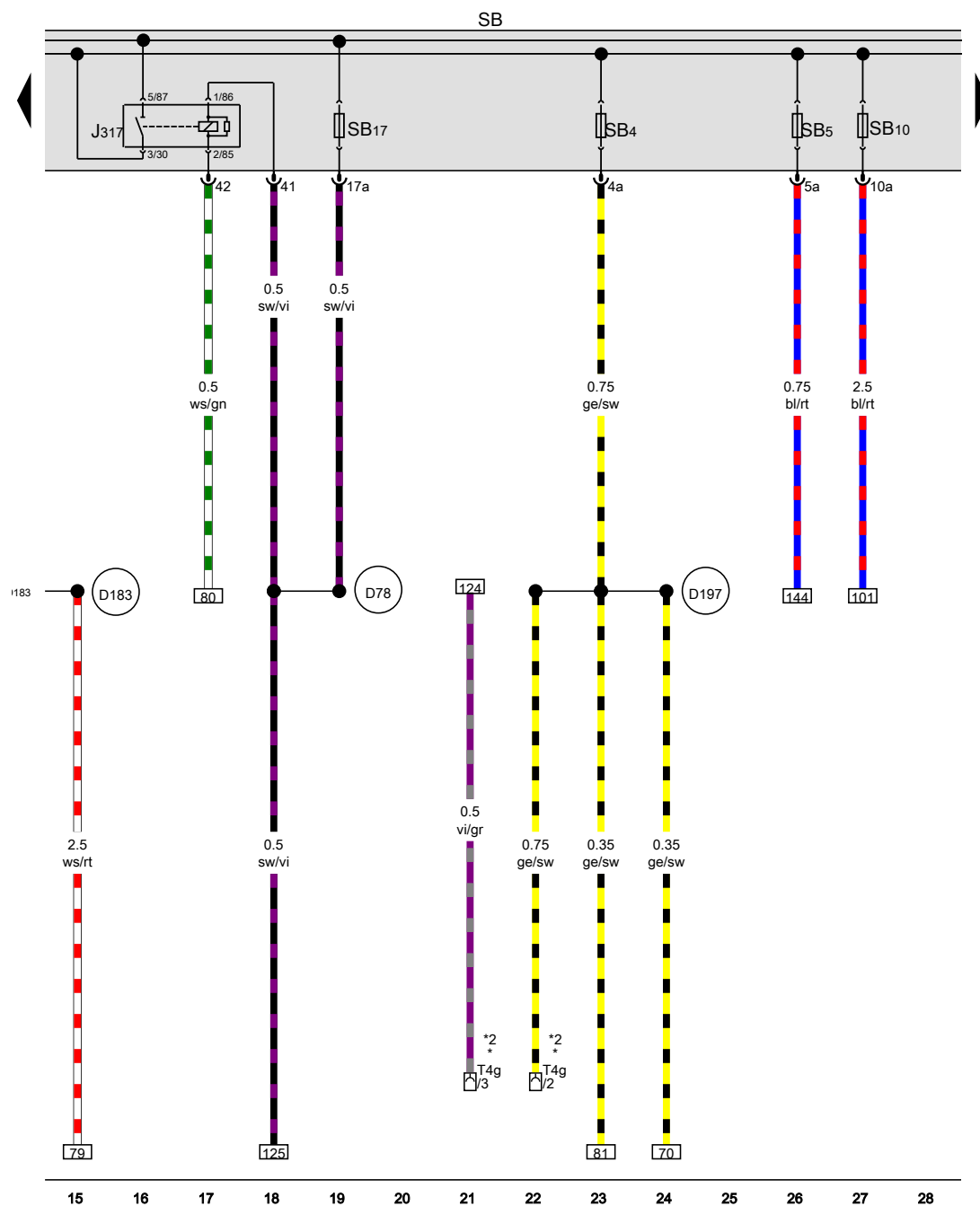
From May 2015



Terminal 15 voltage supply relay, Fuse holder C

- A Battery
- J329 Terminal 15 voltage supply relay
- J906 Starter relay 1
- J907 Starter relay 2
- SA1 Fuse 1 on fuse holder A
- SB Fuse holder B
- SB3 Fuse 3 on fuse holder B
- SB6 Fuse 6 on fuse holder B
- SB22 Fuse 22 on fuse holder B
- SC Fuse holder C
- SC49 Fuse 49 on fuse holder C
- 366 Earth connection 1, in main wiring harness
- 369 Earth connection 4, in main wiring harness
- 639 Earth point, left A-pillar
- 684 Earth point on front of left side member
- D183 Connection 4 (87a), in engine compartment wiring harness
- * see applicable current flow diagram for battery in engine compartment
- *2 For right-hand drive models
- *3 For left-hand drive models

ws = white
 sw = black
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Terminal 30 voltage supply relay

- J317 Terminal 30 voltage supply relay
- SB Fuse holder B
- SB4 Fuse 4 on fuse holder B
- SB5 Fuse 5 on fuse holder B
- SB10 Fuse 10 on fuse holder B
- SB17 Fuse 17 on fuse holder B
- T4g 4-pin connector, black

D78 Positive connection 1 (30a), in engine compartment wiring harness

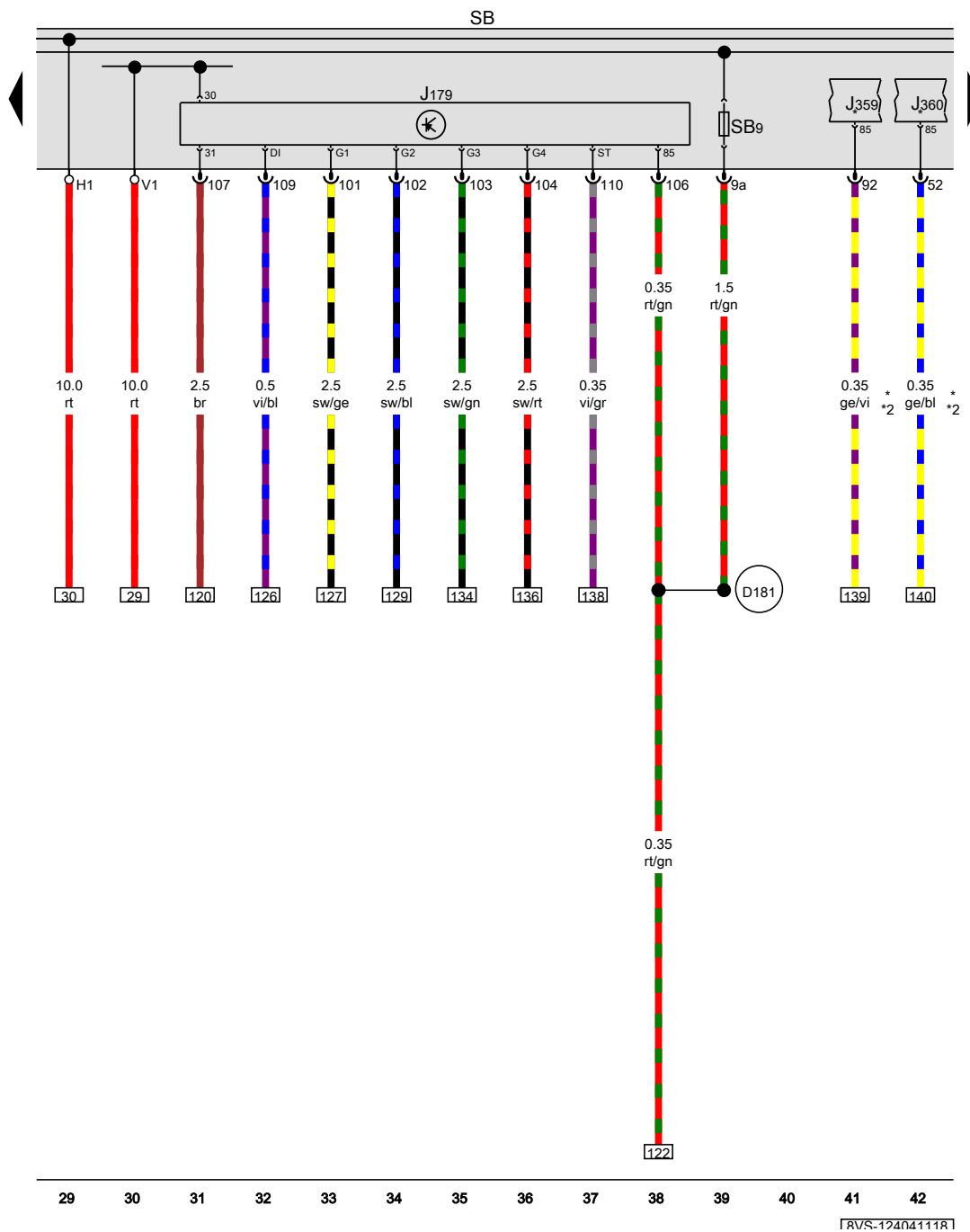
D183 Connection 4 (87a), in engine compartment wiring harness

D197 Connection 5 (87a), in engine compartment wiring harness

* Radiator fan connection

*2 see applicable current flow diagram for radiator fan

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
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 gr = grey
 li = purple
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Automatic glow period control unit, Low heat output relay, High heat output relay

J179 Automatic glow period control unit

J359 Low heat output relay

J360 High heat output relay

SB Fuse holder B

SB9 Fuse 9 on fuse holder B

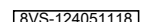
D181 Connection 2 (87a), in engine compartment wiring harness

* For models with auxiliary air heater

*2 see applicable current flow diagram

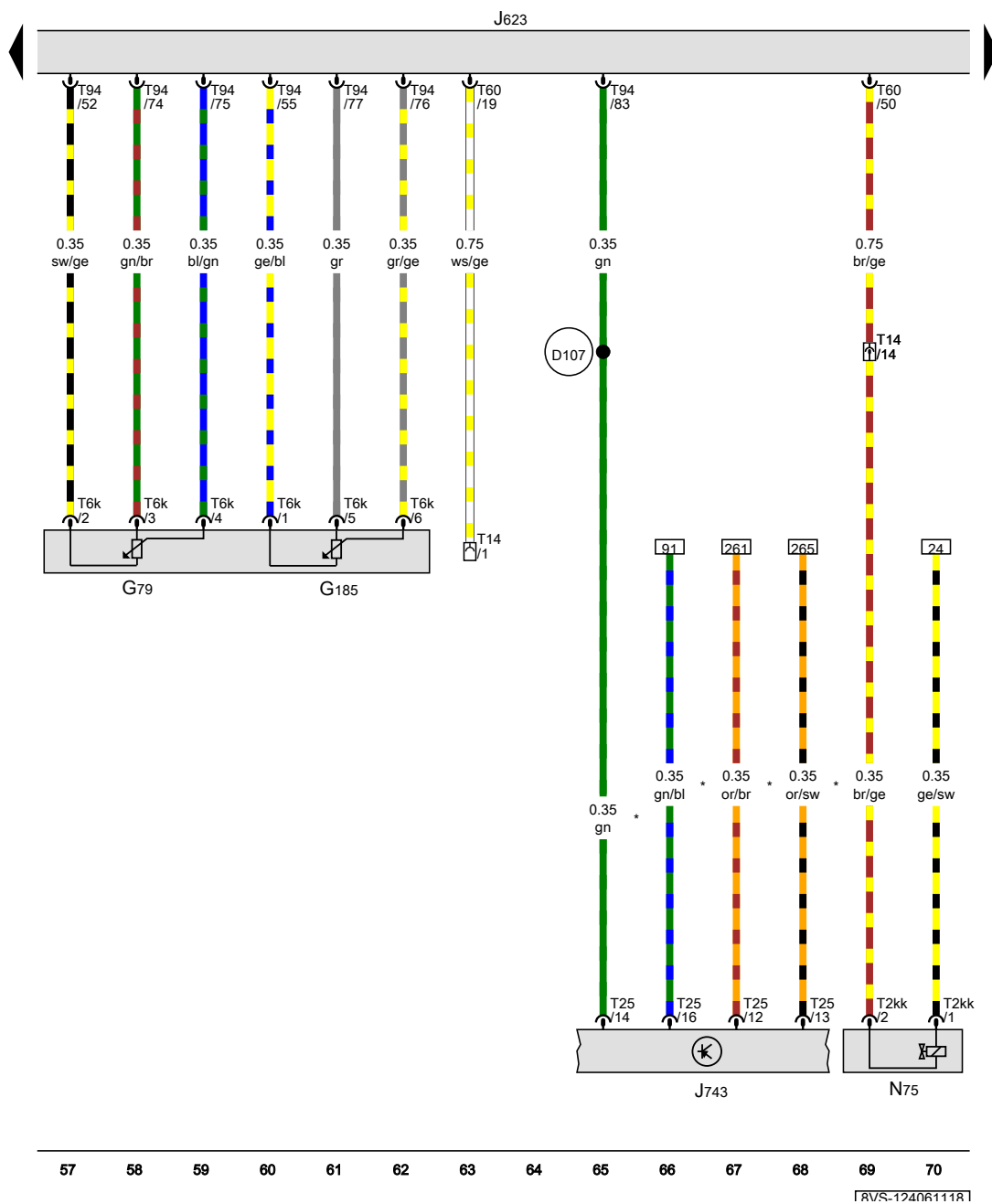
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vi = purple
ge = yellow
or = orange
rs = pink

18V5-124041118



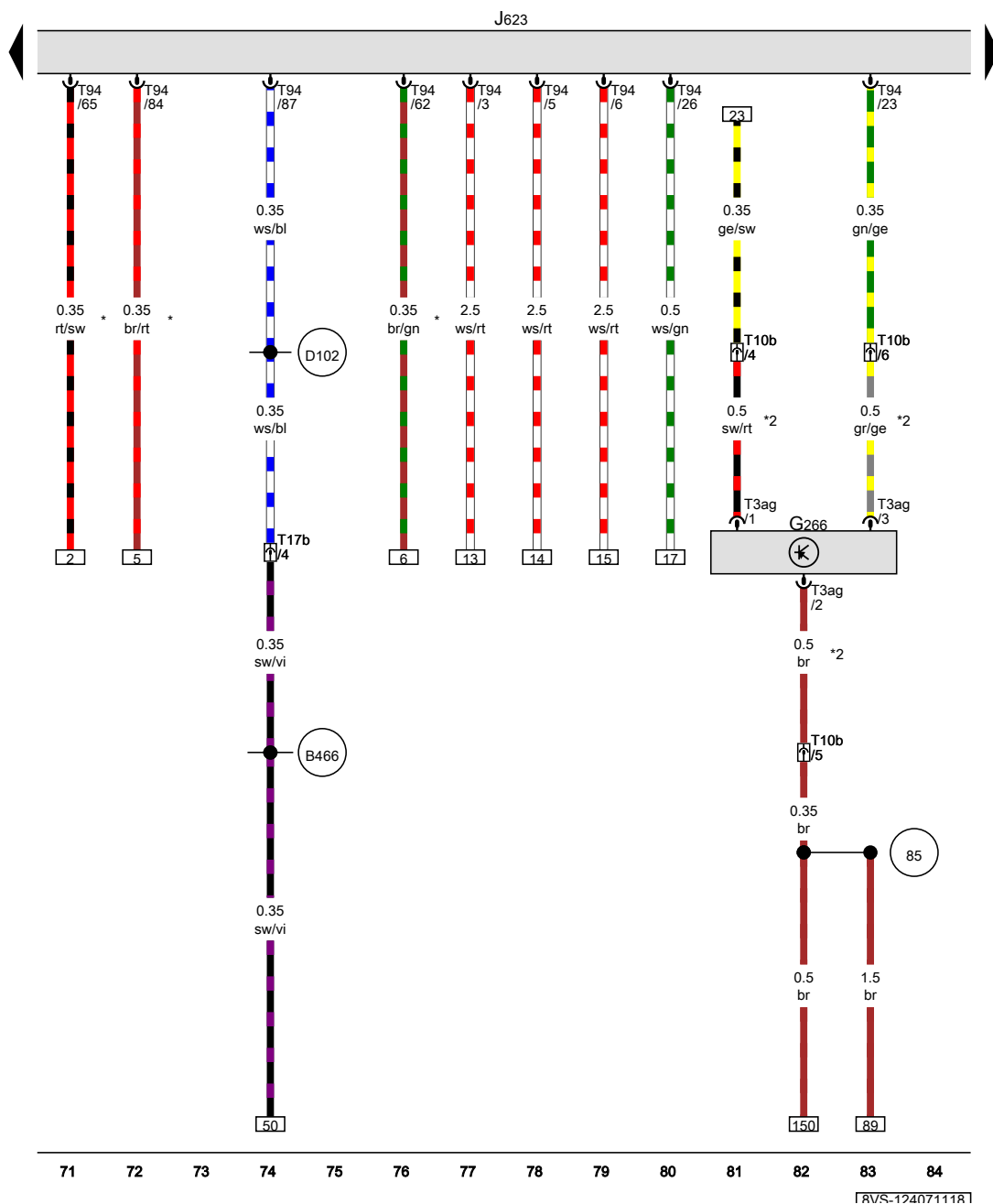
Onboard supply control unit, Steering column electronics control unit, Engine/motor control unit, Fuse 8 on fuse holder B

D	Ignition/starter switch
J519	Onboard supply control unit
J527	Steering column electronics control unit
J623	Engine/motor control unit
J764	Control unit for electronic steering column lock
SB	Fuse holder B
SB7	Fuse 7 on fuse holder B
SB8	Fuse 8 on fuse holder B
T6dm	6-pin connector, black
T17c	17-pin connector, red
T73a	73-pin connector, black
T73c	73-pin connector, black
T94	94-pin connector, black
D180	Connection (87a), in engine compartment wiring harness
H1	Positive connection, in Lambda wiring harness
*	see applicable current flow diagram for steering column electronics
*2	see applicable current flow diagram for entry and start authorisation
*3	For models with cruise control system (CCS)
*4	For models with no entry and start authorisation
*5	Up to June 2018
*6	From July 2018



Accelerator position sender, Accelerator position sender 2, Engine/motor control unit, Mechatronic unit for dual clutch gearbox, Charge pressure control solenoid valve

- G79 Accelerator position sender
- G185 Accelerator position sender 2
- J623 Engine/motor control unit
- J743 Mechatronic unit for dual clutch gearbox
- N75 Charge pressure control solenoid valve
- T2kk 2-pin connector, black
- T6k 6-pin connector, black
- T14 14-pin connector, grey
- T25 25-pin connector, black
- T60 60-pin connector, black
- T94 94-pin connector, black
- D107 Connection 5 in engine compartment wiring harness
- * For models with dual clutch gearbox



Oil level and oil temperature sender, Engine/motor control unit

- G266 Oil level and oil temperature sender
- J623 Engine/motor control unit
- T3ag 3-pin connector, black
- T10b 10-pin connector, black
- T17b 17-pin connector, brown
- T94 94-pin connector, black

85 Earth connection 1, in engine compartment wiring harness

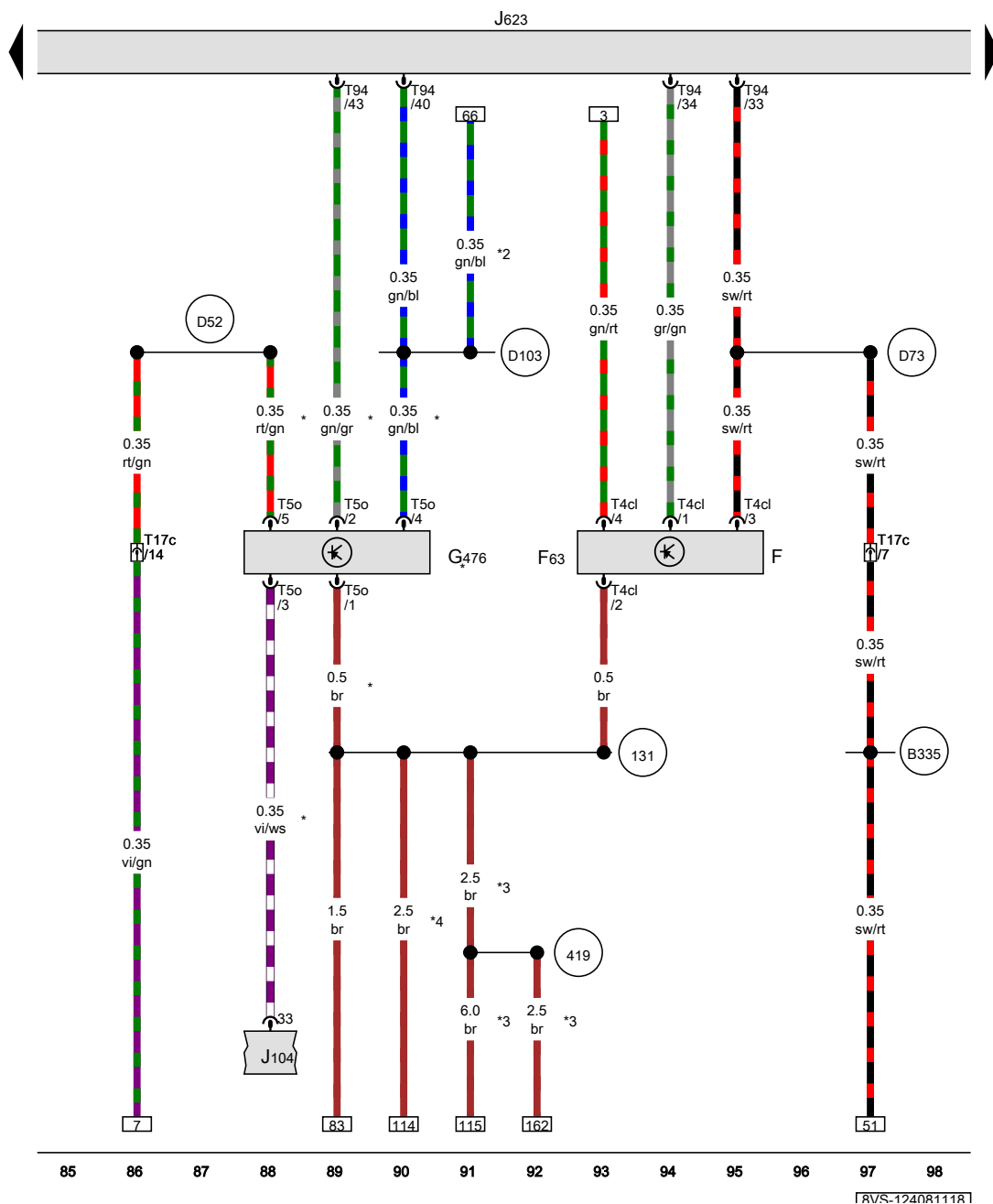
B466 Connection 2, in main wiring harness

D102 Connection 2 in engine compartment wiring harness

* see applicable current flow diagram for battery in engine compartment

*2 Wiring colour depends on equipment

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

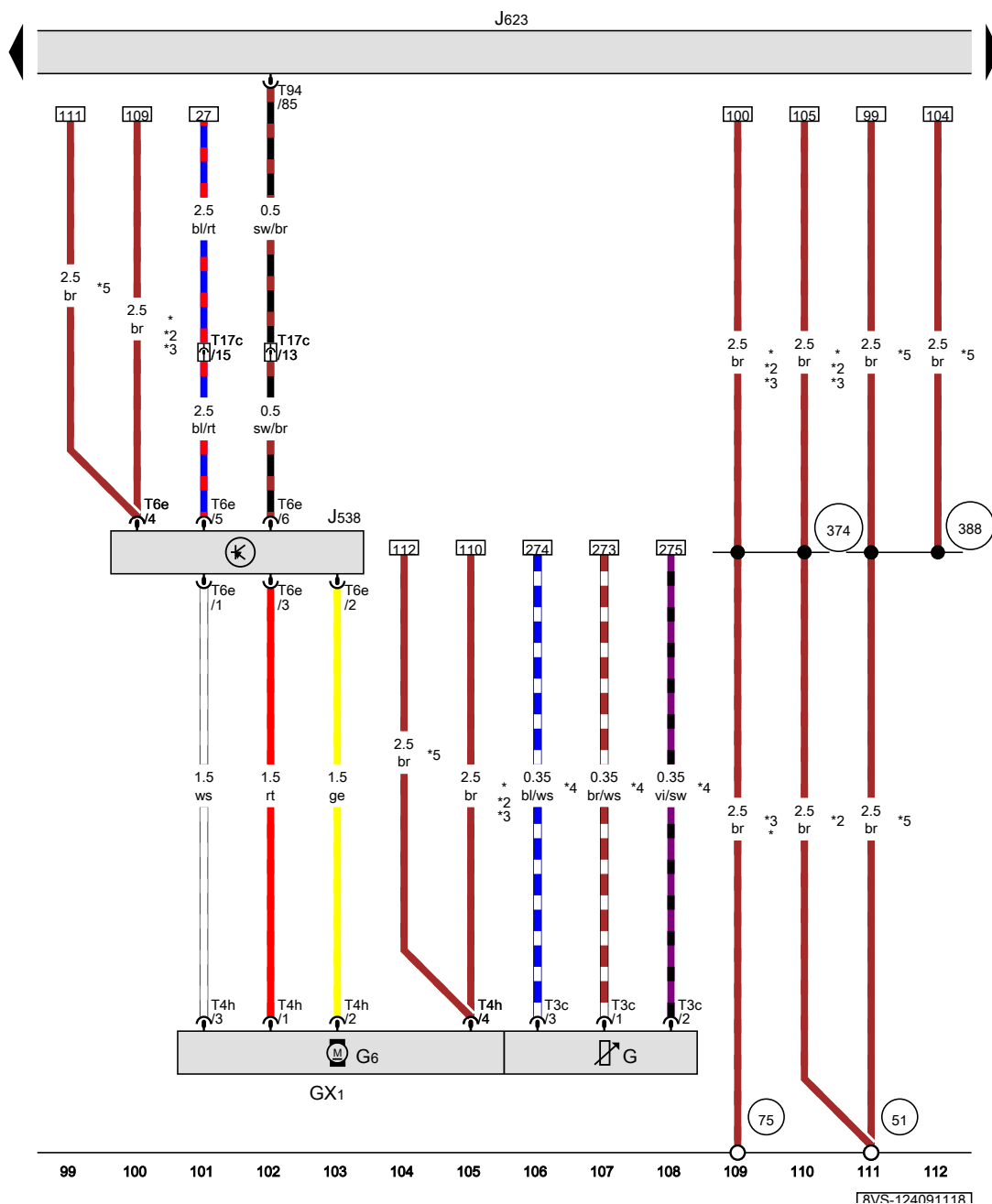


Brake light switch, Brake pedal switch, Clutch position sender, Engine/motor control unit

- F Brake light switch
- F63 Brake pedal switch
- G476 Clutch position sender
- J104 ABS control unit
- J623 Engine/motor control unit
- T4cl 4-pin connector, black
- T5o 5-pin connector, black
- T17c 17-pin connector, red
- T94 94-pin connector, black

- 131 Earth connection 2, in engine compartment wiring harness
- 419 Earth connection 11, in engine compartment wiring harness
- B335 Connection 1 (54), in main wiring harness
- D52 Positive connection (15a), in engine compartment wiring harness
- D73 Positive connection (54), in engine compartment wiring harness
- D103 Connection 3 in engine compartment wiring harness
- * For models with manual gearbox
- *2 For models with dual clutch gearbox
- *3 gradual introduction
- *4 Gradually discontinued

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



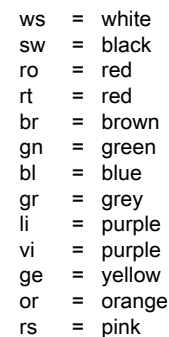
Fuel gauge sender, Fuel delivery unit, Fuel system pressurisation pump, Fuel pump control unit, Engine/motor control unit

- G Fuel gauge sender
- GX1 Fuel delivery unit
- G6 Fuel system pressurisation pump
- J538 Fuel pump control unit
- J623 Engine/motor control unit
- T3c 3-pin connector, black
- T4h 4-pin connector, black
- T6e 6-pin connector, black
- T17c 17-pin connector, red
- T94 94-pin connector, black

- 51 Earth point, on right in luggage compartment
- 75 Earth point, rear right pillar
- 374 Earth connection 9, in main wiring harness
- 388 Earth connection 23, in main wiring harness

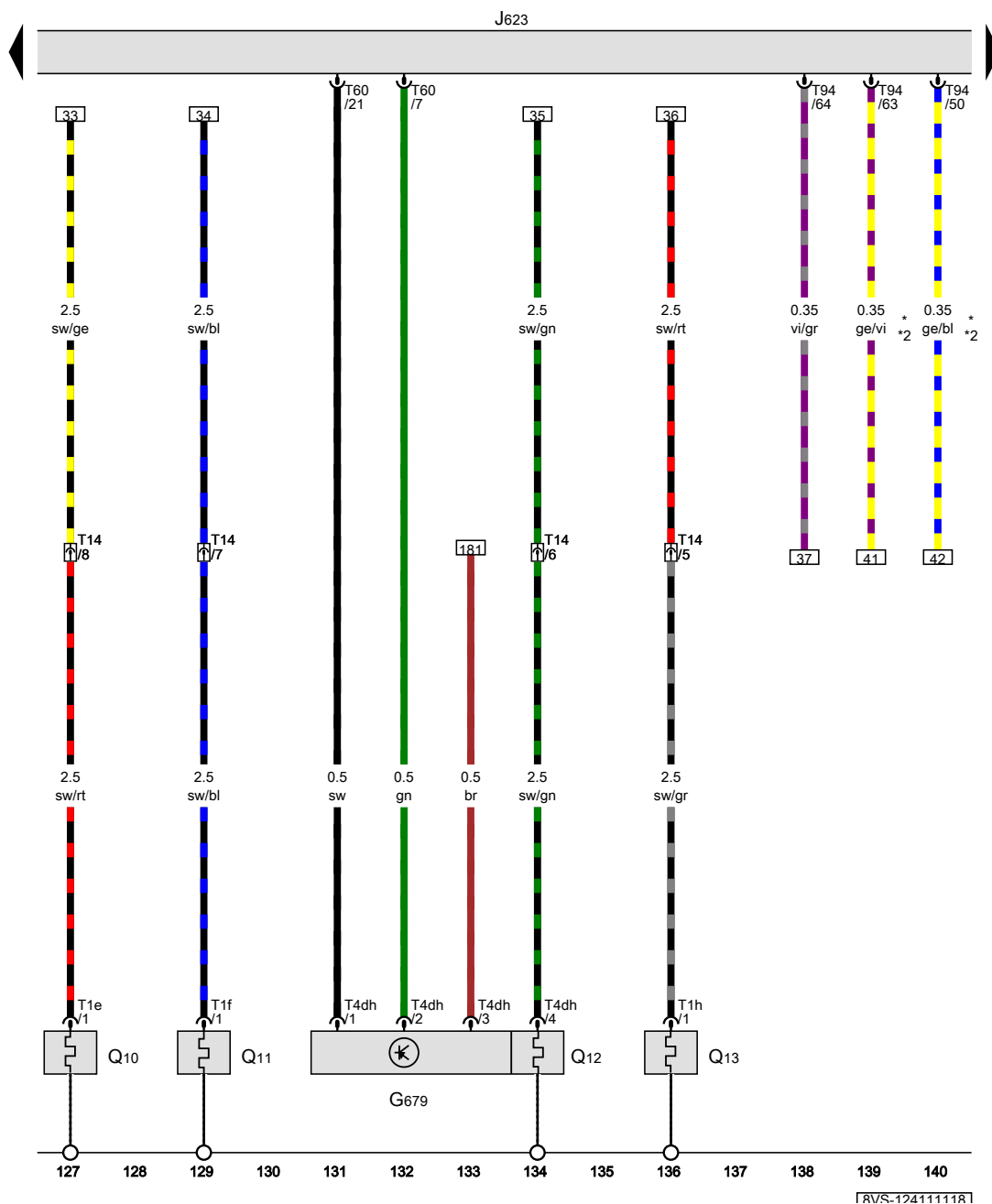
- * For models with 3 doors
- *2 For models with 4 doors
- *3 For models with 5 doors
- *4 see applicable current flow diagram for fuel system
- *5 For Cabriolet models

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

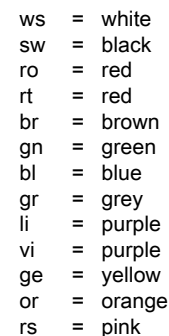


- * Different wire colour possible
- *2 gradual introduction
- *3 Gradually discontinued

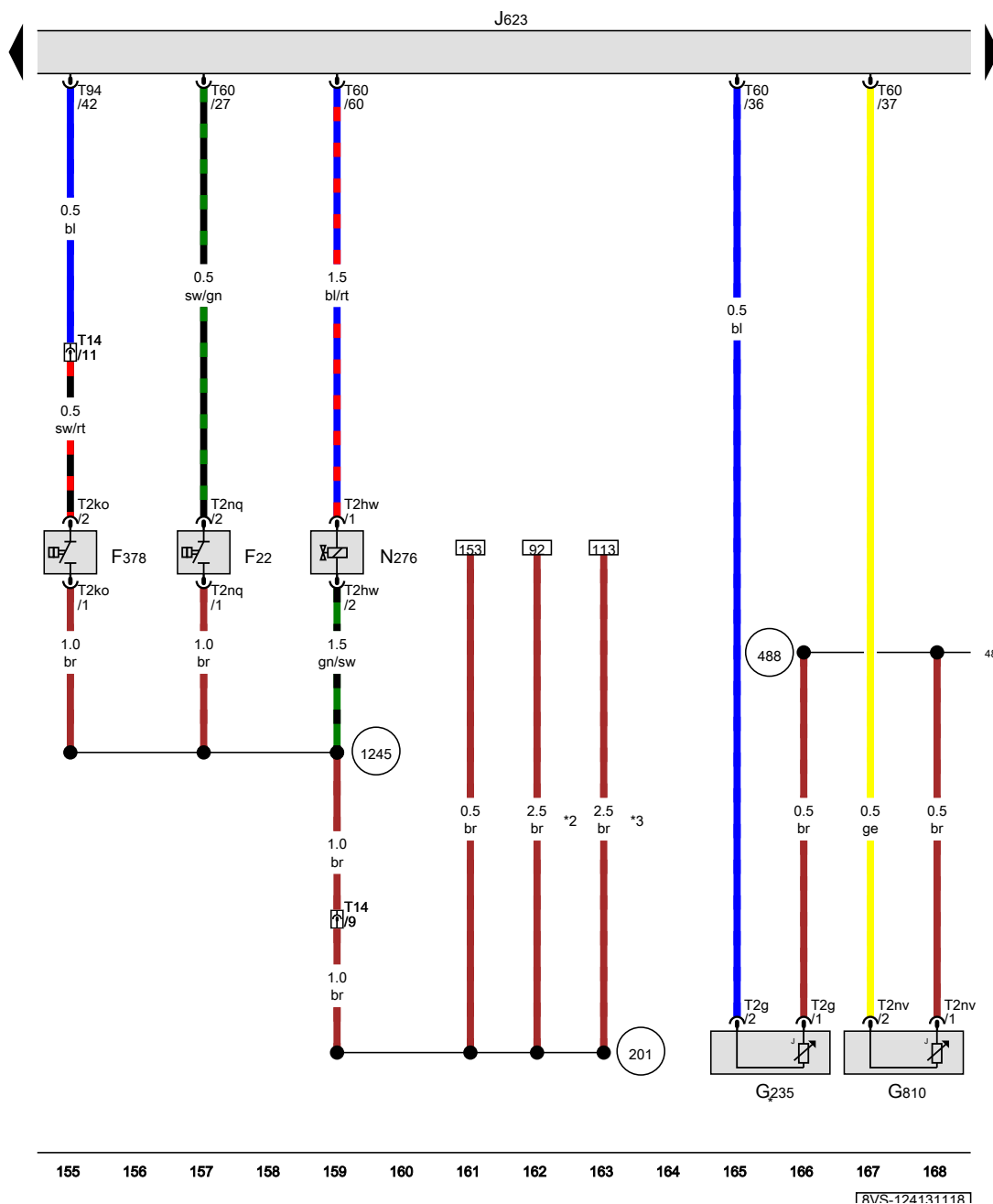
Engine/motor control unit, Glow plug 1, Glow plug 2, Glow plug 3, Glow plug 4



- G679 Cylinder 3 combustion chamber pressure sender
- J623 Engine/motor control unit
- Q10 Glow plug 1
- Q11 Glow plug 2
- Q12 Glow plug 3
- Q13 Glow plug 4
- T1e 1-pin connector, black
- T1f 1-pin connector, black
- T1h 1-pin connector, black
- T4dh 4-pin connector, black
- T14 14-pin connector, grey
- T60 60-pin connector, black
- T94 94-pin connector, black
- * For models with auxiliary air heater
- *2 see applicable current flow diagram



J623	Engine/motor control unit
N205	Camshaft control valve 1
N290	Fuel metering valve
N428	Valve for oil pressure control
N489	Coolant valve for cylinder head
T2h	2-pin connector, black
T2hr	2-pin connector, black
T2hs	2-pin connector, black
T2ja	2-pin connector, black
T3by	3-pin connector, black
T3ce	3-pin connector, black
T8	8-pin connector, black
T10b	10-pin connector, black
T14	14-pin connector, grey
T60	60-pin connector, black
V188	Charge air cooling pump
V488	Auxiliary pump for heating
D205	Connection 3 (87a) in engine prewiring harness
D206	Connection 4 (87a) in engine prewiring harness
*	Pre-wired component
*2	Gradually discontinued
*3	Wiring colour depends on equipment



Oil pressure switch, Oil pressure switch for reduced oil pressure, Exhaust gas temperature sender 1, Charge air temperature sender before charge air cooler, Engine/motor control unit, Fuel pressure regulating valve

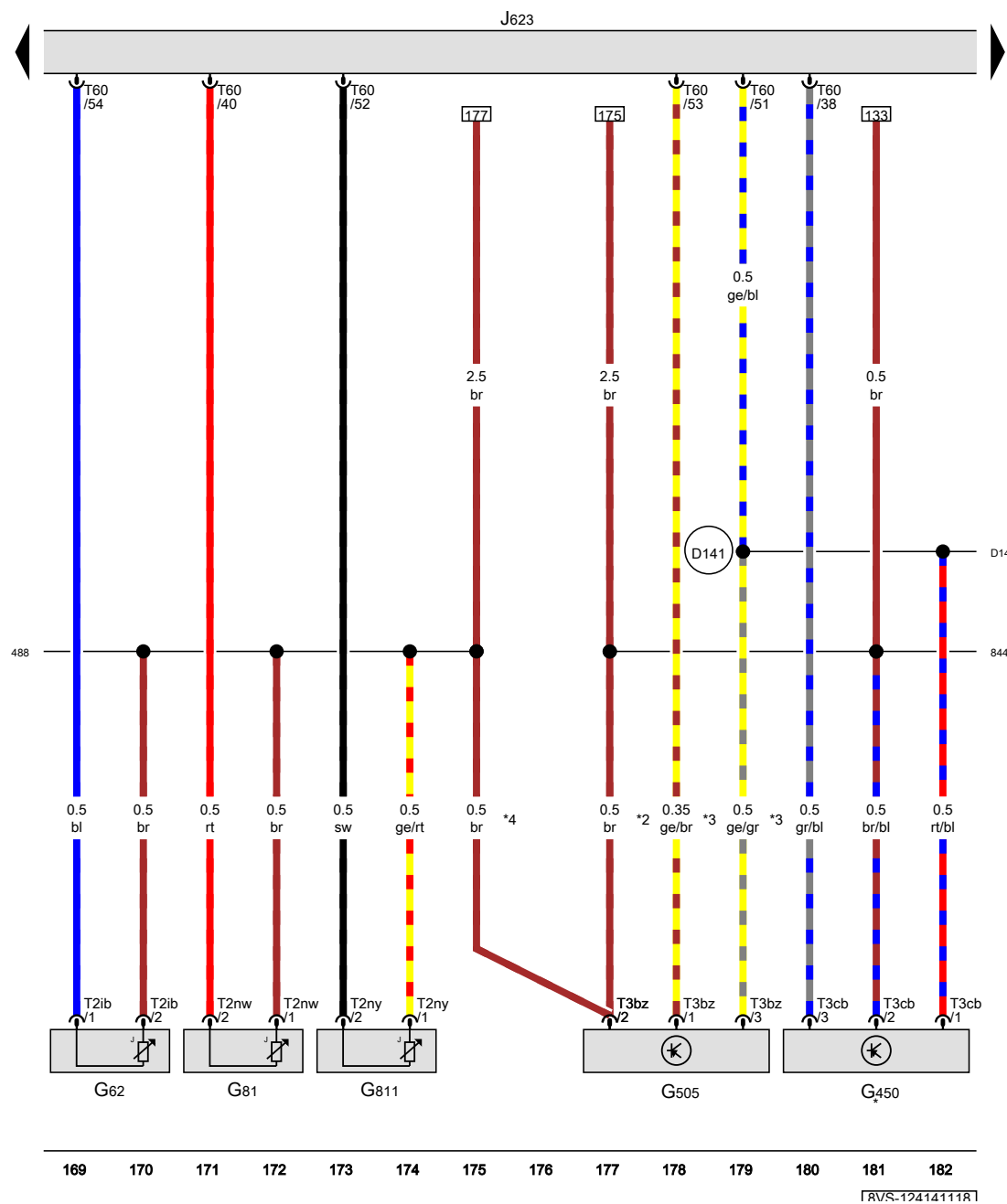
- F22 Oil pressure switch
- F378 Oil pressure switch for reduced oil pressure
- G235 Exhaust gas temperature sender 1
- G810 Charge air temperature sender before charge air cooler
- J623 Engine/motor control unit
- N276 Fuel pressure regulating valve
- T2g 2-pin connector, black
- T2hw 2-pin connector, black
- T2ko 2-pin connector, black
- T2nq 2-pin connector, red
- T2nv 2-pin connector, black
- T14 14-pin connector, grey
- T60 60-pin connector, black
- T94 94-pin connector, black

201 Earth connection 5, in engine compartment wiring harness

488 Earth point 6, engine prewiring harness

1245 Earth point 8, engine prewiring harness

- * Pre-wired component
- *2 gradual introduction
- *3 Gradually discontinued



Coolant temperature sender, Fuel temperature sender, Exhaust gas pressure sensor 1, Pressure differential sender, Charge air temperature sender after charge air cooler, Engine/motor control unit

- G62 Coolant temperature sender
- G81 Fuel temperature sender
- G450 Exhaust gas pressure sensor 1
- G505 Pressure differential sender
- G811 Charge air temperature sender after charge air cooler
- J623 Engine/motor control unit
- T2ib 2-pin connector, black
- T2nw 2-pin connector, black
- T2ny 2-pin connector, black
- T3bz 3-pin connector, black
- T3cb 3-pin connector, black
- T60 60-pin connector, black

488 Earth point 6, engine prewiring harness

844 Earth point 7, engine prewiring harness

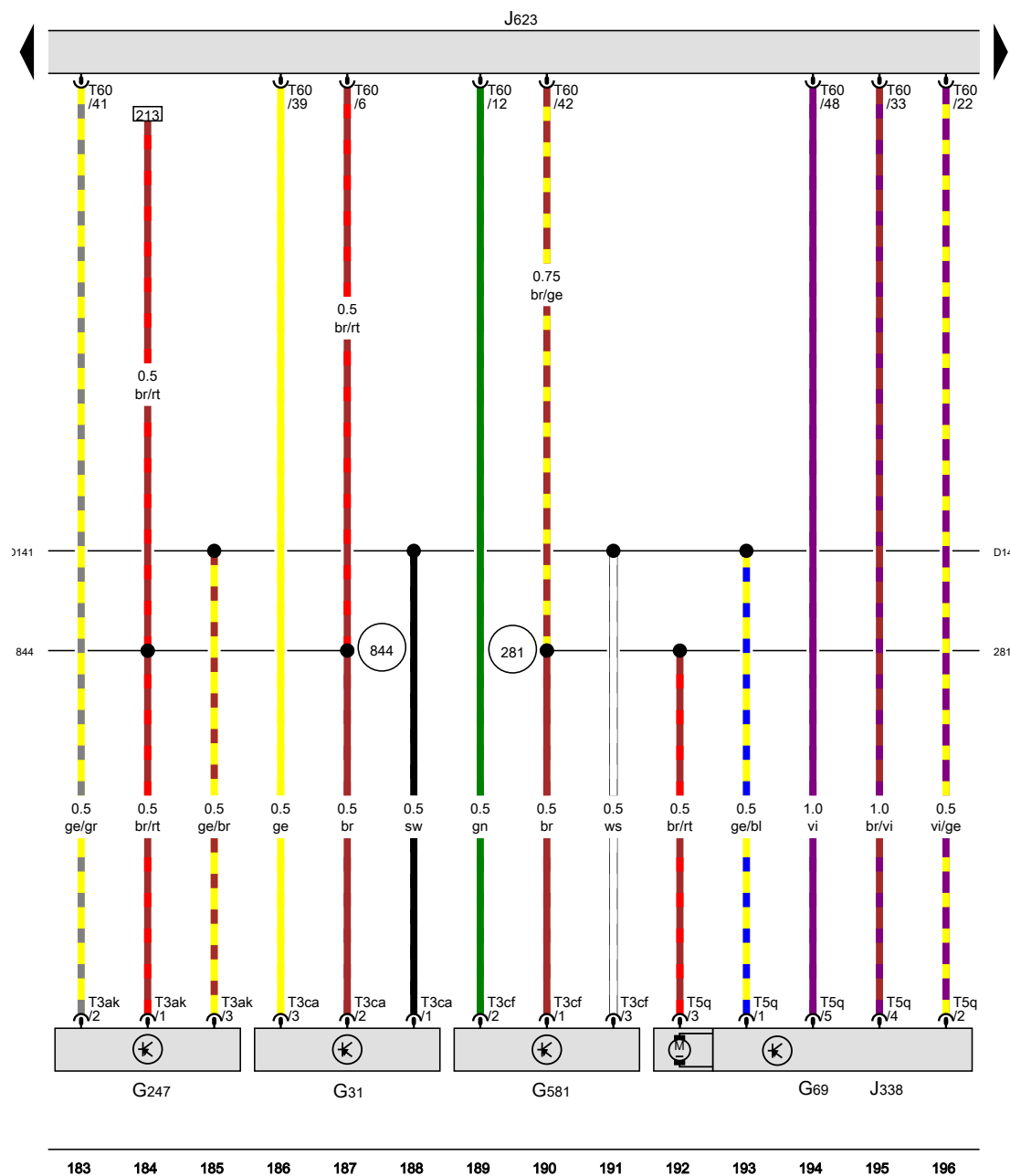
D141 Connection (5V) in engine prewiring harness

* If fitted

*2 Gradually discontinued

*3 Different wire colour possible

*4 gradual introduction

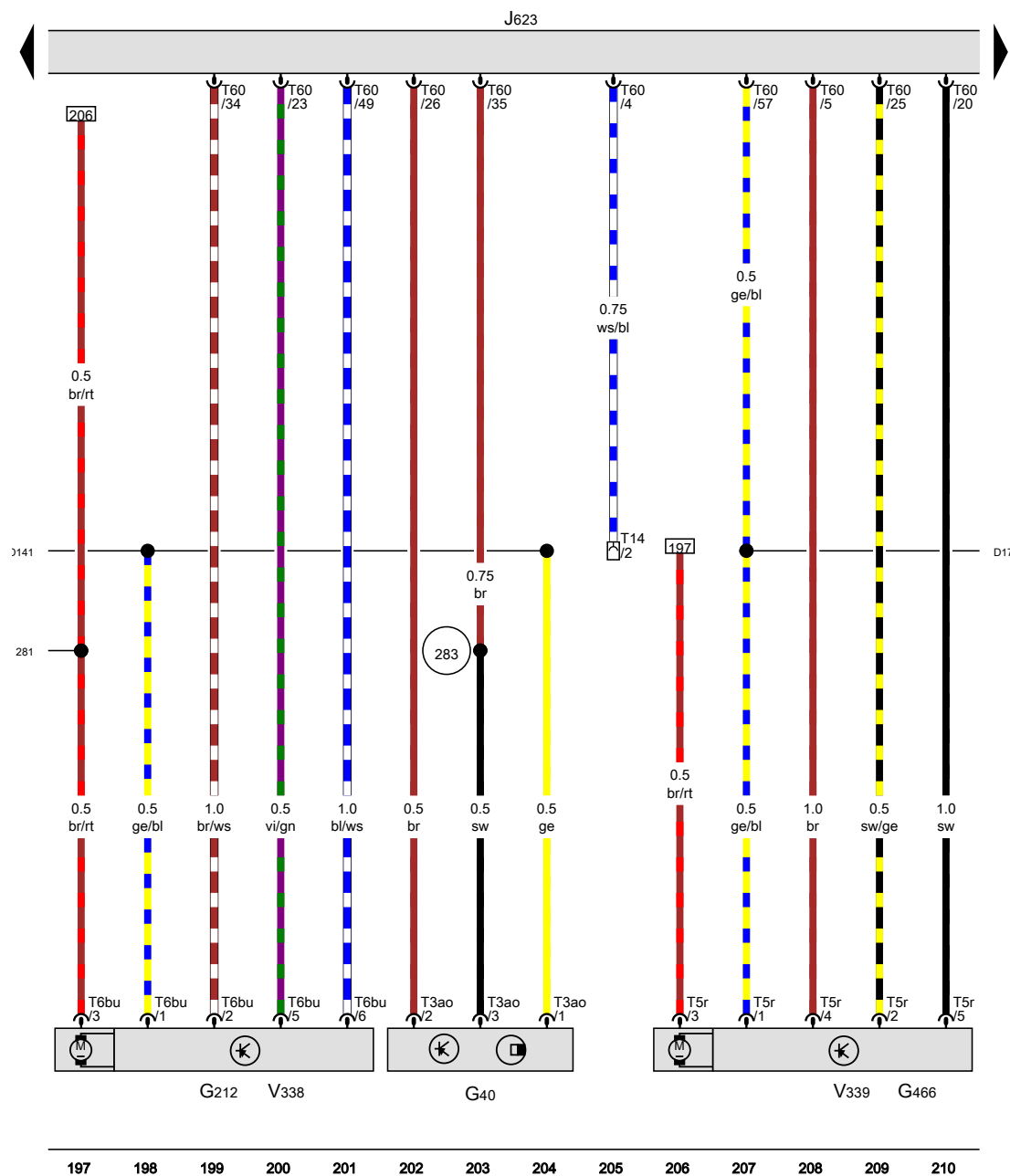


Charge pressure sender, Throttle valve potentiometer, Fuel pressure sender, Position sender for charge pressure positioner, Throttle valve module, Engine/motor control unit

- G31 Charge pressure sender
- G69 Throttle valve potentiometer
- G247 Fuel pressure sender
- G581 Position sender for charge pressure positioner
- J338 Throttle valve module
- J623 Engine/motor control unit
- T3ak 3-pin connector, black
- T3ca 3-pin connector, black
- T3cf 3-pin connector, black
- T5q 5-pin connector, black
- T60 60-pin connector, black
- 281 Earth point 1, engine prewiring harness
- 844 Earth point 7, engine prewiring harness
- D141 Connection (5V) in engine prewiring harness

ws = white
 sw = black
 ro = red
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 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

18V-S-124151118

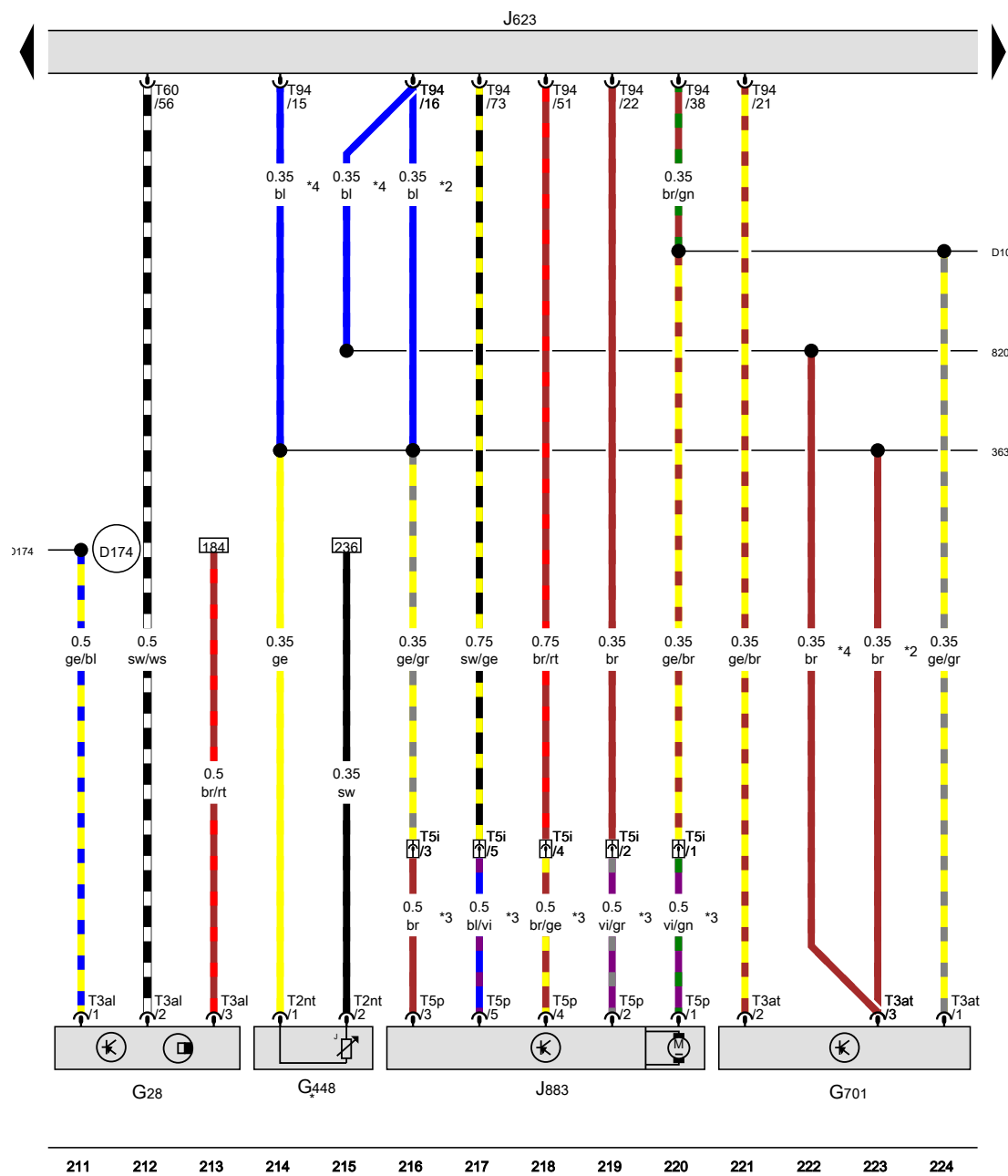


Hall sender, Exhaust gas recirculation potentiometer, Engine/motor control unit, Exhaust gas recirculation control motor, Exhaust gas recirculation control motor 2

- G40 Hall sender
- G212 Exhaust gas recirculation potentiometer
- G466 Exhaust gas recirculation potentiometer 2
- J623 Engine/motor control unit
- T3ao 3-pin connector, black
- T5r 5-pin connector
- T6bu 6-pin connector
- T14 14-pin connector, grey
- T60 60-pin connector, black
- V338 Exhaust gas recirculation control motor
- V339 Exhaust gas recirculation control motor 2

- 281 Earth point 1, engine prewiring harness
- 283 Earth point 2, engine prewiring harness
- D141 Connection (5V) in engine prewiring harness
- D174 Connection 2 (5V) in engine prewiring harness

- ws = white
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- rt = red
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- vi = purple
- ge = yellow
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Engine speed sender, Exhaust gas temperature sender 2,
Gearbox neutral position sender, Engine/motor control unit,
Exhaust flap control unit

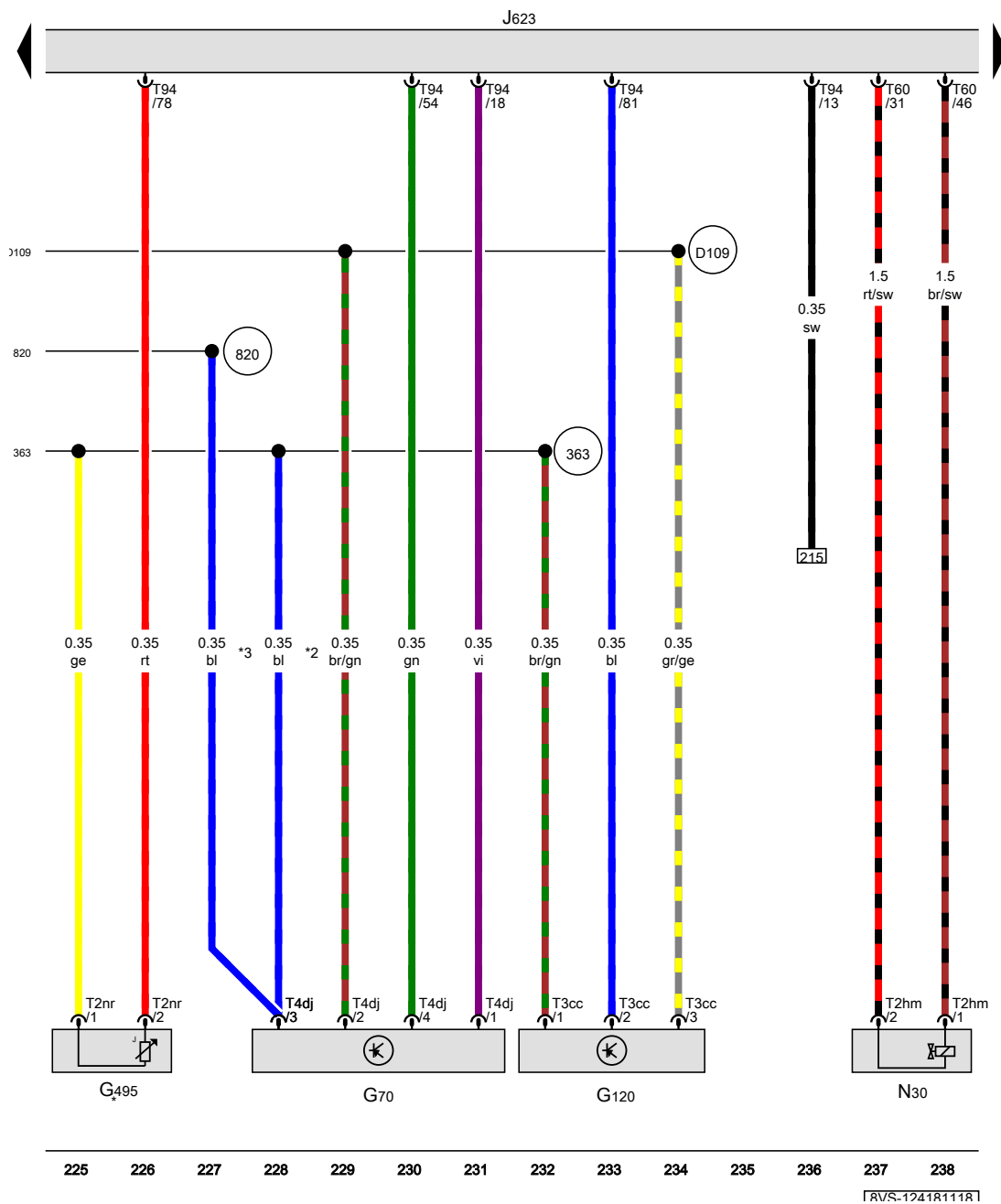
- G28 Engine speed sender
- G448 Exhaust gas temperature sender 2
- G701 Gearbox neutral position sender
- J623 Engine/motor control unit
- J883 Exhaust flap control unit
- T2nt 2-pin connector, black
- T3al 3-pin connector, black
- T3at 3-pin connector, black
- T5i 5-pin connector, black
- T5p 5-pin connector, black
- T60 60-pin connector, black
- T94 94-pin connector, black

- 363 Earth connection 8, in engine compartment wiring harness
- 820 Earth connection 13, in engine compartment wiring harness
- D109 Connection 7 in engine compartment wiring harness
- D174 Connection 2 (5V) in engine prewiring harness

- * Pre-wired component
- *2 Gradually discontinued
- *3 Wiring colour depends on equipment
- *4 gradual introduction

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[AVS-124171118]



Air mass meter, Water level sender, Exhaust gas temperature sender 3, Engine/motor control unit, Injector, cylinder 1

- G70 Air mass meter
- G120 Water level sender
- G495 Exhaust gas temperature sender 3
- J623 Engine/motor control unit
- N30 Injector, cylinder 1
- T2hm 2-pin connector, black
- T2nr 2-pin connector, black
- T3cc 3-pin connector, black
- T4dj 4-pin connector, black
- T60 60-pin connector, black
- T94 94-pin connector, black

363 Earth connection 8, in engine compartment wiring harness

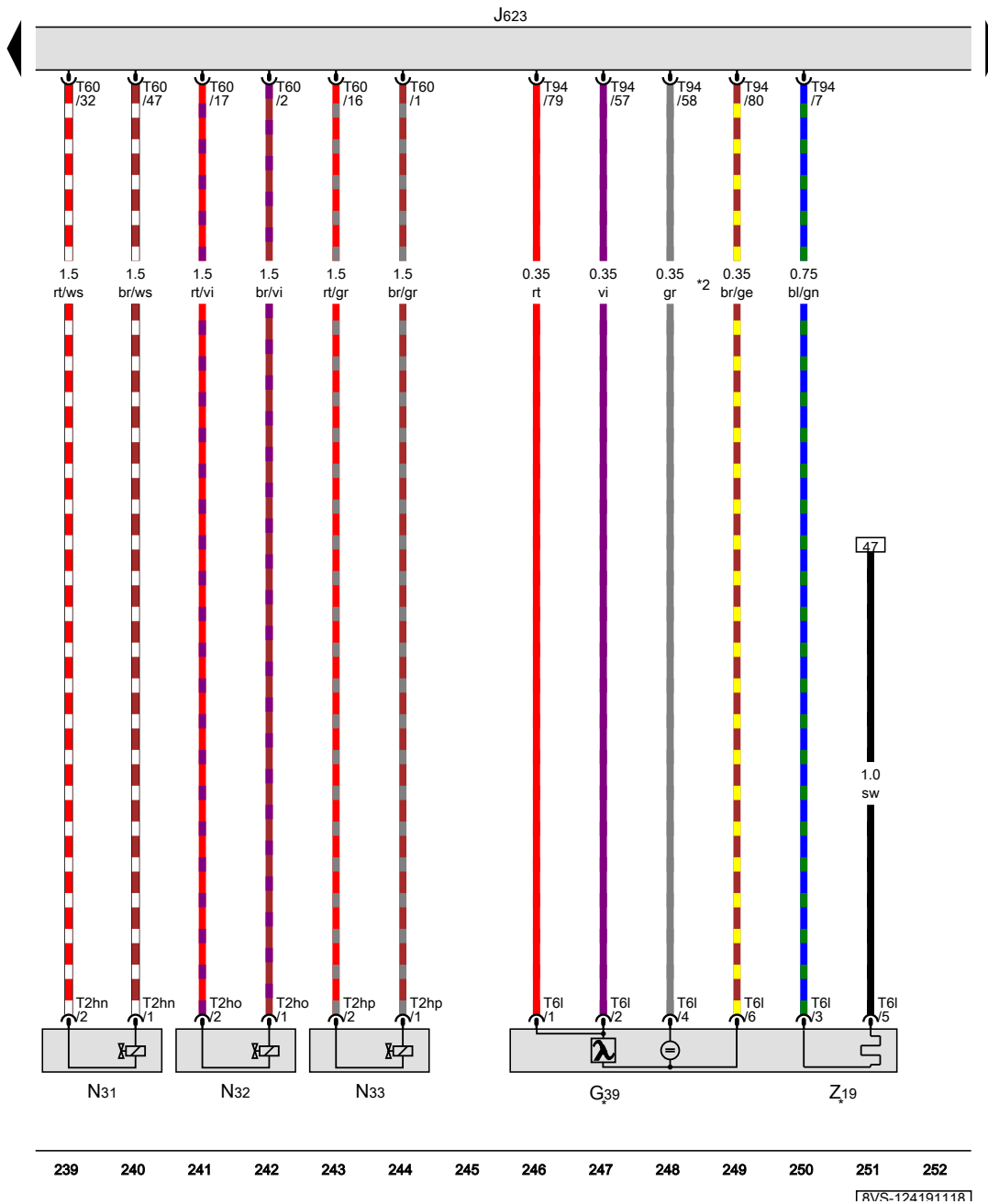
820 Earth connection 13, in engine compartment wiring harness

D109 Connection 7 in engine compartment wiring harness

- * Pre-wired component
- *2 Gradually discontinued
- *3 gradual introduction

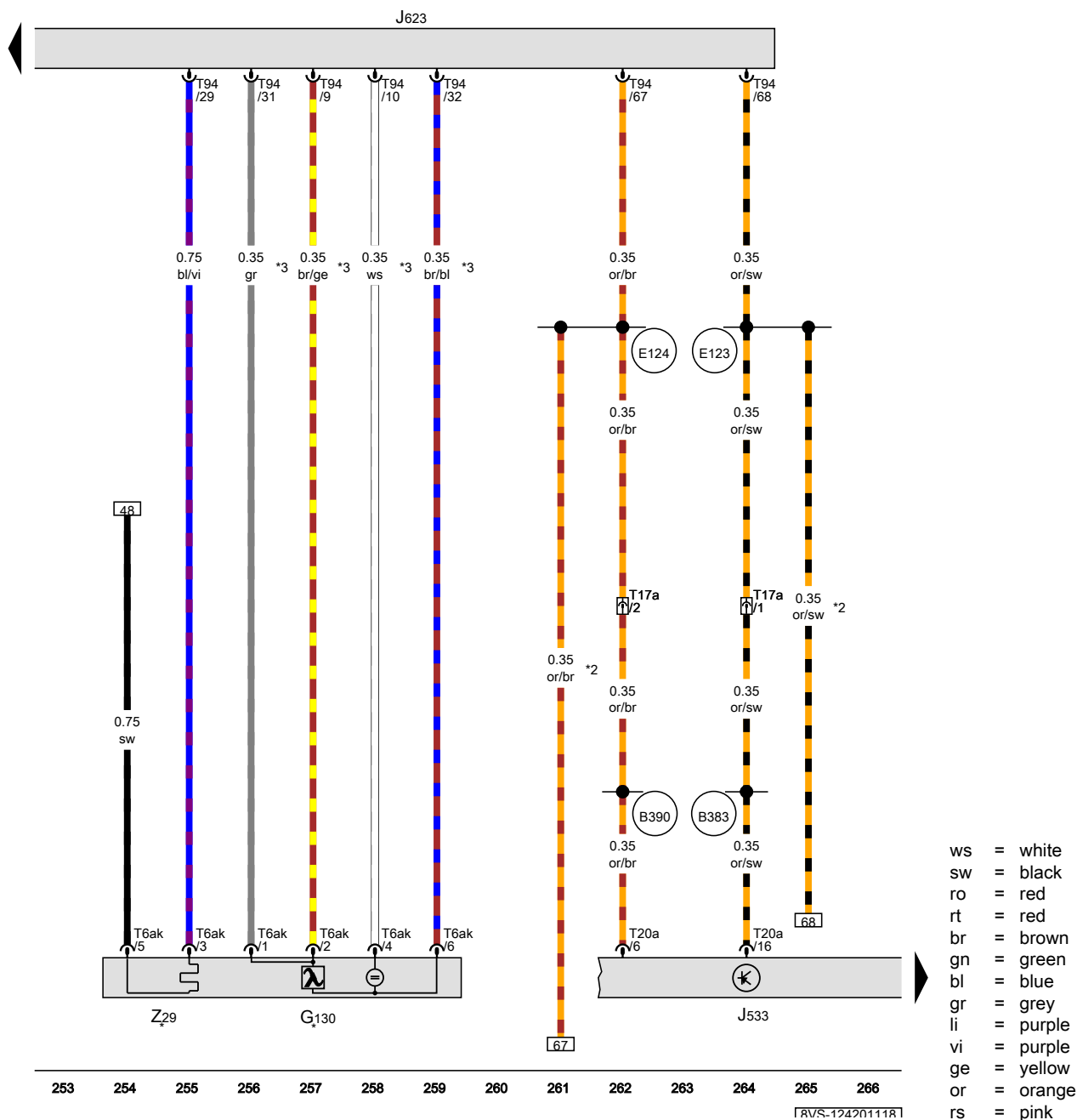
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Lambda probe, Engine/motor control unit, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4, Lambda probe heater



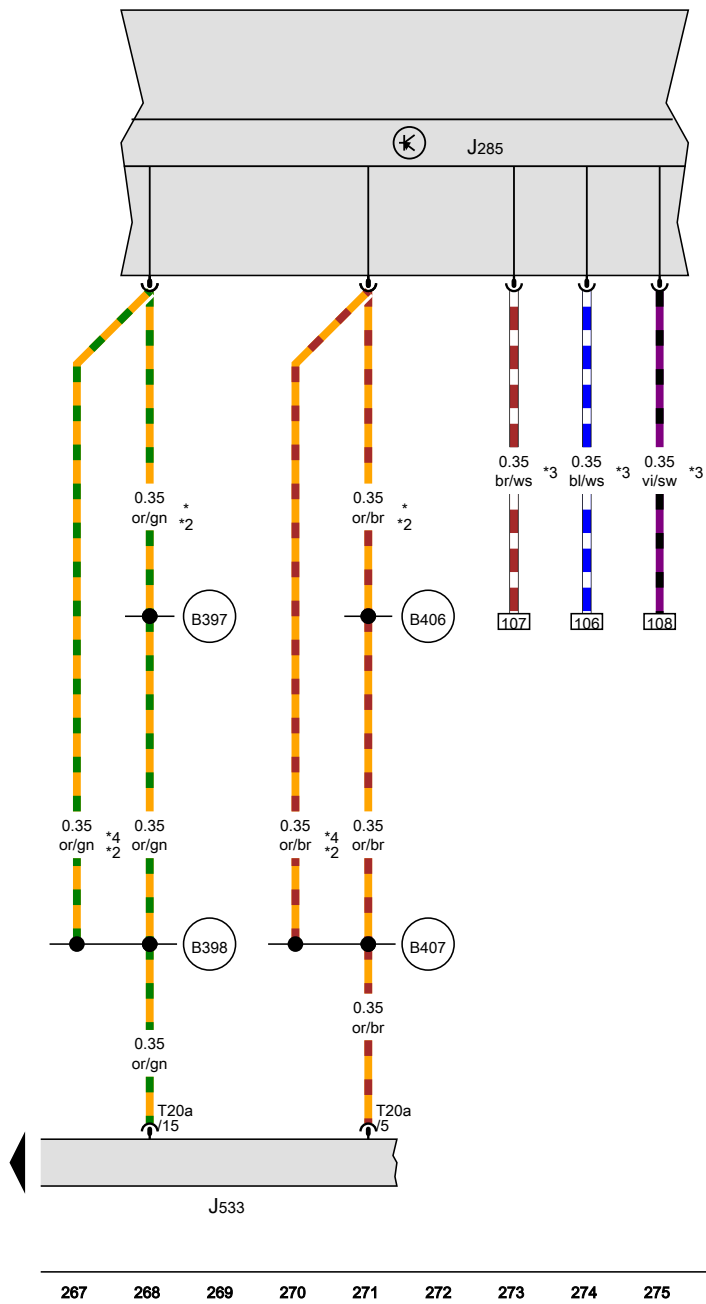
- G39 Lambda probe
- J623 Engine/motor control unit
- N31 Injector, cylinder 2
- N32 Injector, cylinder 3
- N33 Injector, cylinder 4
- T2hn 2-pin connector, black
- T2ho 2-pin connector, black
- T2hp 2-pin connector, black
- T6l 6-pin connector, black
- T60 60-pin connector, black
- T94 94-pin connector, black
- Z19 Lambda probe heater
- * Pre-wired component
- *2 Wiring colour depends on equipment

Lambda probe after catalytic converter, Data bus diagnostic interface, Engine/motor control unit, Lambda probe 1 heater after catalytic converter



- G130 Lambda probe after catalytic converter
- J533 Data bus diagnostic interface
- J623 Engine/motor control unit
- T6ak 6-pin connector, brown
- T17a 17-pin connector, black
- T20a 20-pin connector, red
- T94 94-pin connector, black
- Z29 Lambda probe 1 heater after catalytic converter

- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- E123 Connection 1 (powertrain CAN bus, high), in engine wiring harness
- E124 Connection 1 (powertrain CAN bus, low), in engine wiring harness
- * Pre-wired component
- *2 For models with dual clutch gearbox
- *3 Wiring colour depends on equipment



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Control unit in dash panel insert, Data bus diagnostic interface

J285 Control unit in dash panel insert

J533 Data bus diagnostic interface

T20a 20-pin connector, red

B397 Connection 1 (convenience CAN bus, high), in main wiring harness

B398 Connection 2 (convenience CAN bus, high), in main wiring harness

B406 Connection 1 (convenience CAN bus, low), in main wiring harness

B407 Connection 2 (convenience CAN bus, low), in main wiring harness

* For left-hand drive models

*2 see applicable current flow diagram for dash panel insert

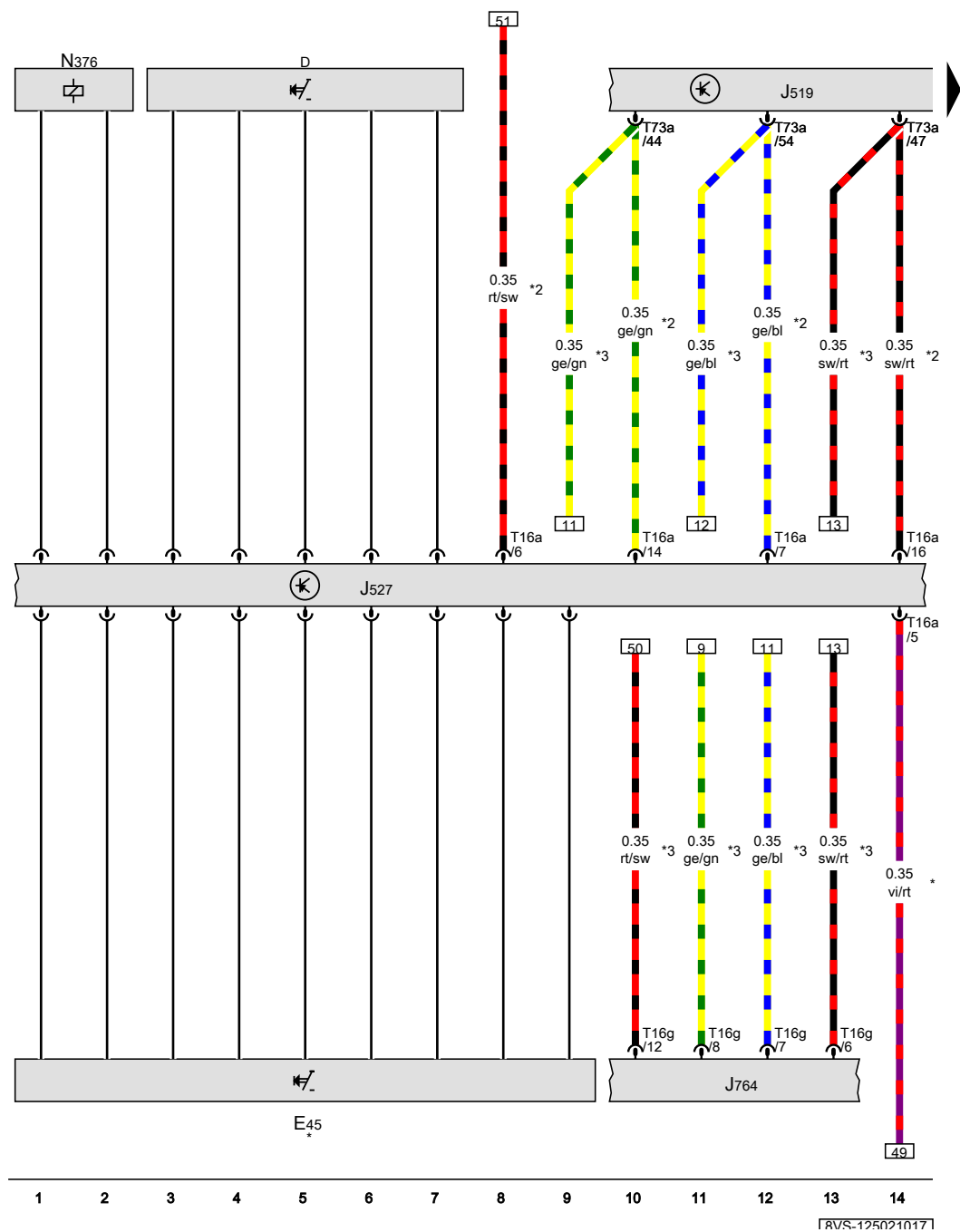
*3 see applicable current flow diagram for fuel system

*4 For right-hand drive models

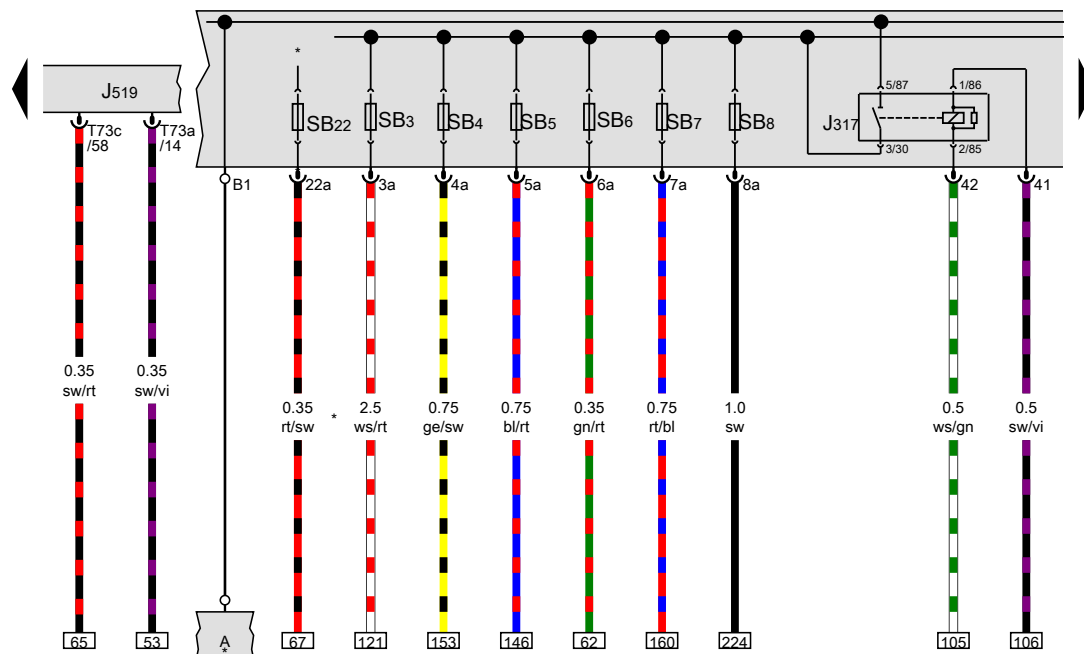
2.0l diesel engine , DBGA

From May 2015

Ignition/starter switch, Cruise control system switch,
Onboard supply control unit, Steering column electronics
control unit



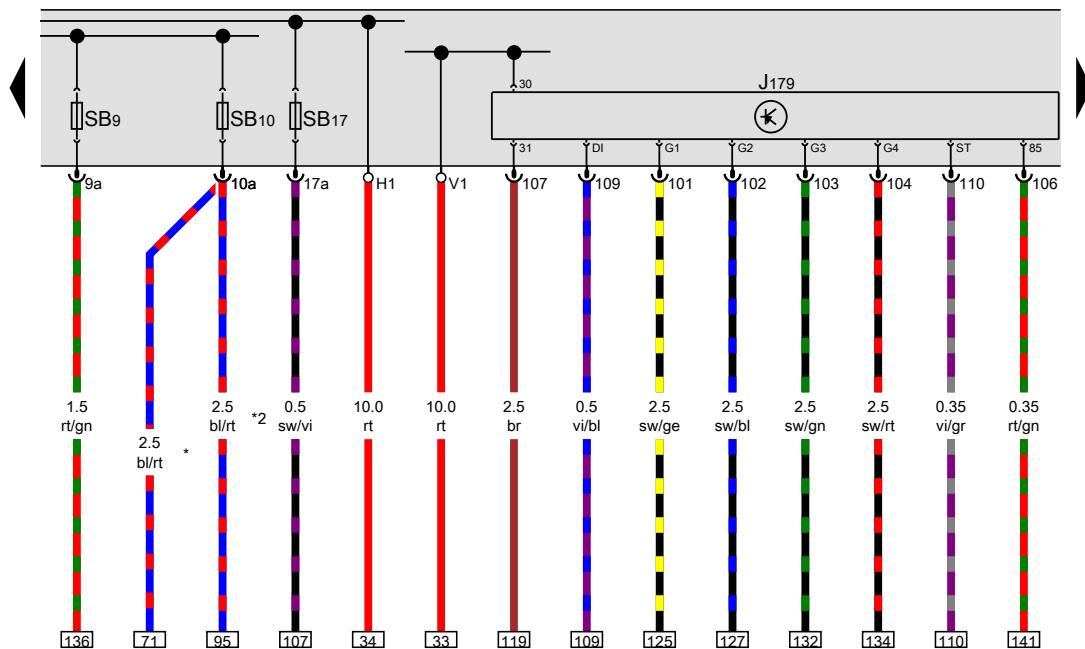
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or = orange
rs = pink



Terminal 30 voltage supply relay, Onboard supply control unit

- A Battery
- J317 Terminal 30 voltage supply relay
- J519 Onboard supply control unit
- SB3 Fuse 3 on fuse holder B
- SB4 Fuse 4 on fuse holder B
- SB5 Fuse 5 on fuse holder B
- SB6 Fuse 6 on fuse holder B
- SB7 Fuse 7 on fuse holder B
- SB8 Fuse 8 on fuse holder B
- SB22 Fuse 22 on fuse holder B
- T73a 73-pin connector, black
- T73c 73-pin connector, black
- * see applicable current flow diagram for battery in engine compartment

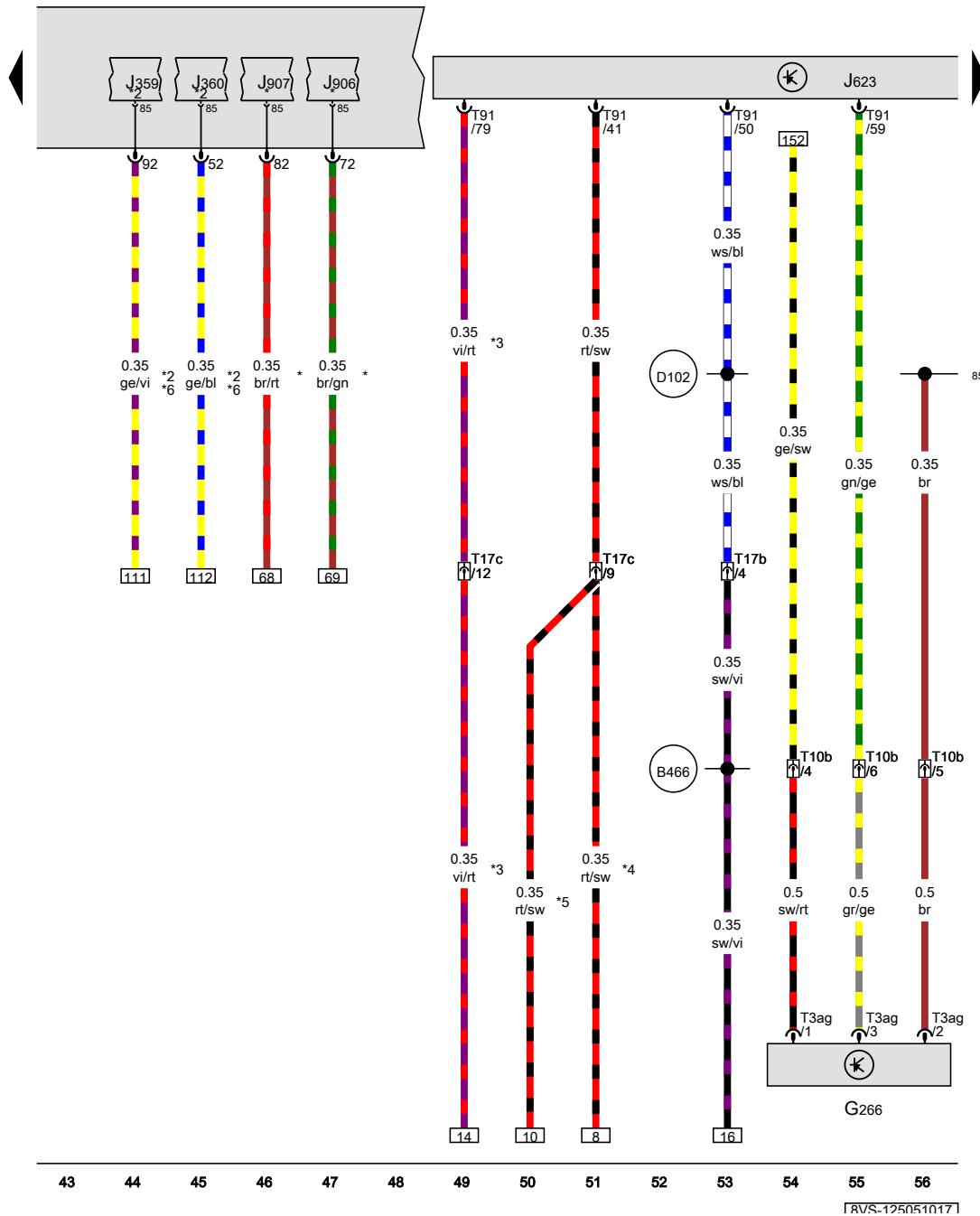
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Automatic glow period control unit

- J179 Automatic glow period control unit
- SB9 Fuse 9 on fuse holder B
- SB10 Fuse 10 on fuse holder B
- SB17 Fuse 17 on fuse holder B
- * For models with front-wheel drive
- *2 For models with all-wheel drive

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Oil level and oil temperature sender, Low heat output relay, High heat output relay, Engine/motor control unit

- G266 Oil level and oil temperature sender
- J359 Low heat output relay
- J360 High heat output relay
- J623 Engine/motor control unit
- J906 Starter relay 1
- J907 Starter relay 2
- T3ag 3-pin connector, black
- T10b 10-pin connector, black
- T17b 17-pin connector, brown
- T17c 17-pin connector, red
- T91 91-pin connector, black

85 Earth connection 1, in engine compartment wiring harness

B466 Connection 2, in main wiring harness

D102 Connection 2 in engine compartment wiring harness

* see applicable current flow diagram for battery in engine compartment

*2 For models with auxiliary air heater

*3 For models with cruise control system (CCS)

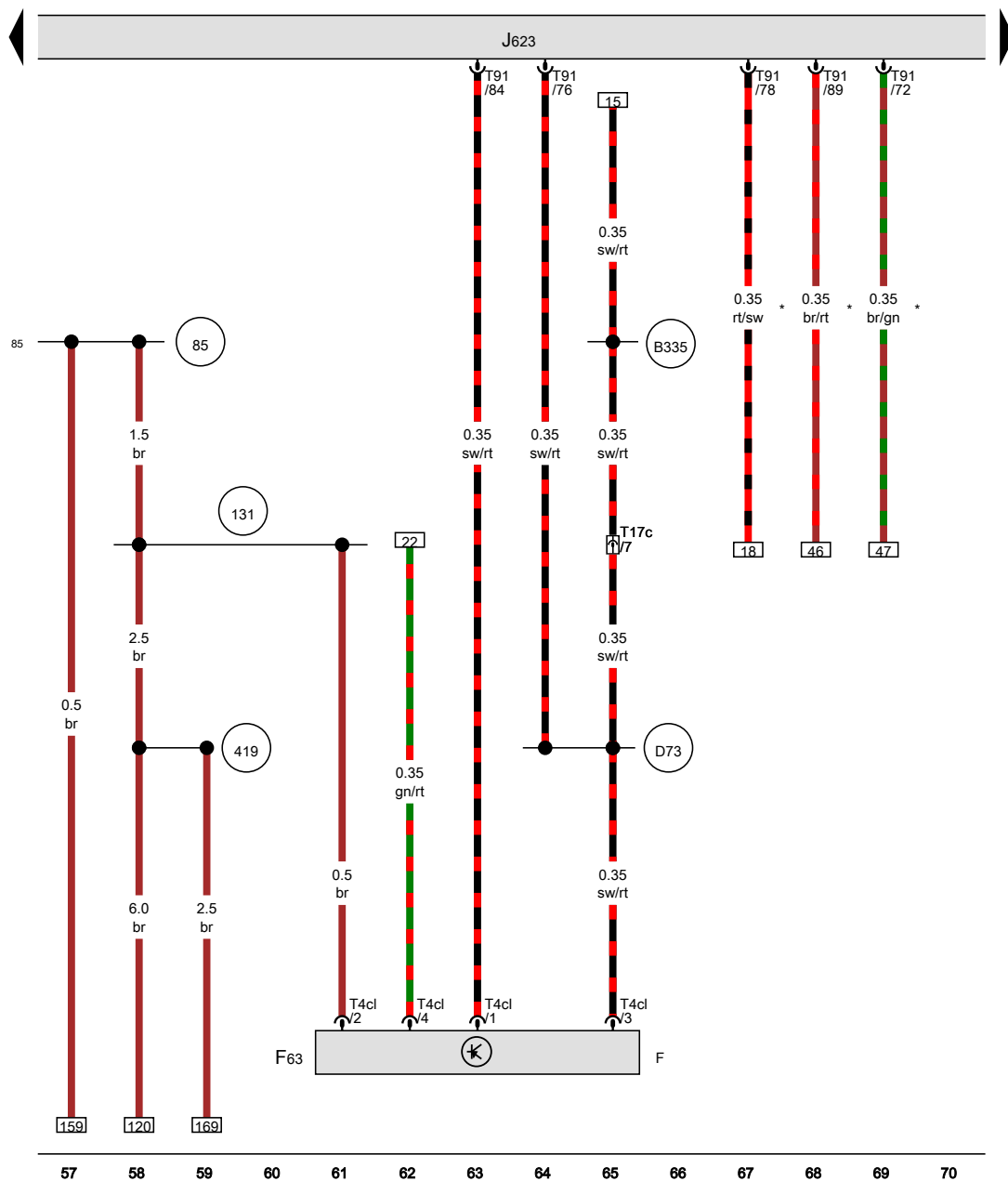
*4 For models with no entry and start authorisation

*5 For models with entry and start authorisation

*6 see applicable current flow diagram

ws = white
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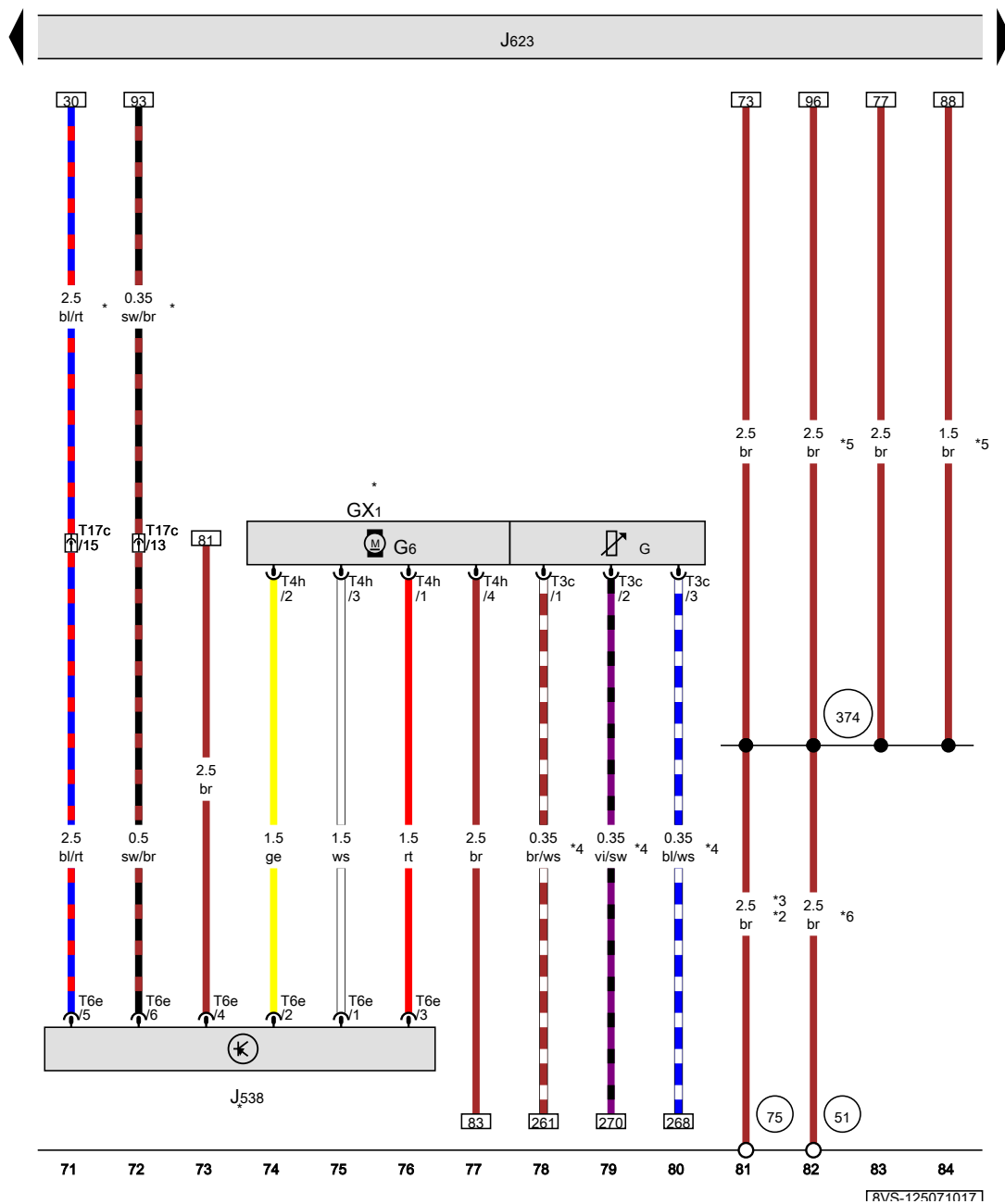


Brake pedal switch, Engine/motor control unit

- F Brake light switch
- F63 Brake pedal switch
- J623 Engine/motor control unit
- T4cl 4-pin connector, black
- T17c 17-pin connector, red
- T91 91-pin connector, black
- 85 Earth connection 1, in engine compartment wiring harness
- 131 Earth connection 2, in engine compartment wiring harness
- 419 Earth connection 11, in engine compartment wiring harness
- B335 Connection 1 (54), in main wiring harness
- D73 Positive connection (54), in engine compartment wiring harness

* see applicable current flow diagram for battery in engine compartment

ws = white
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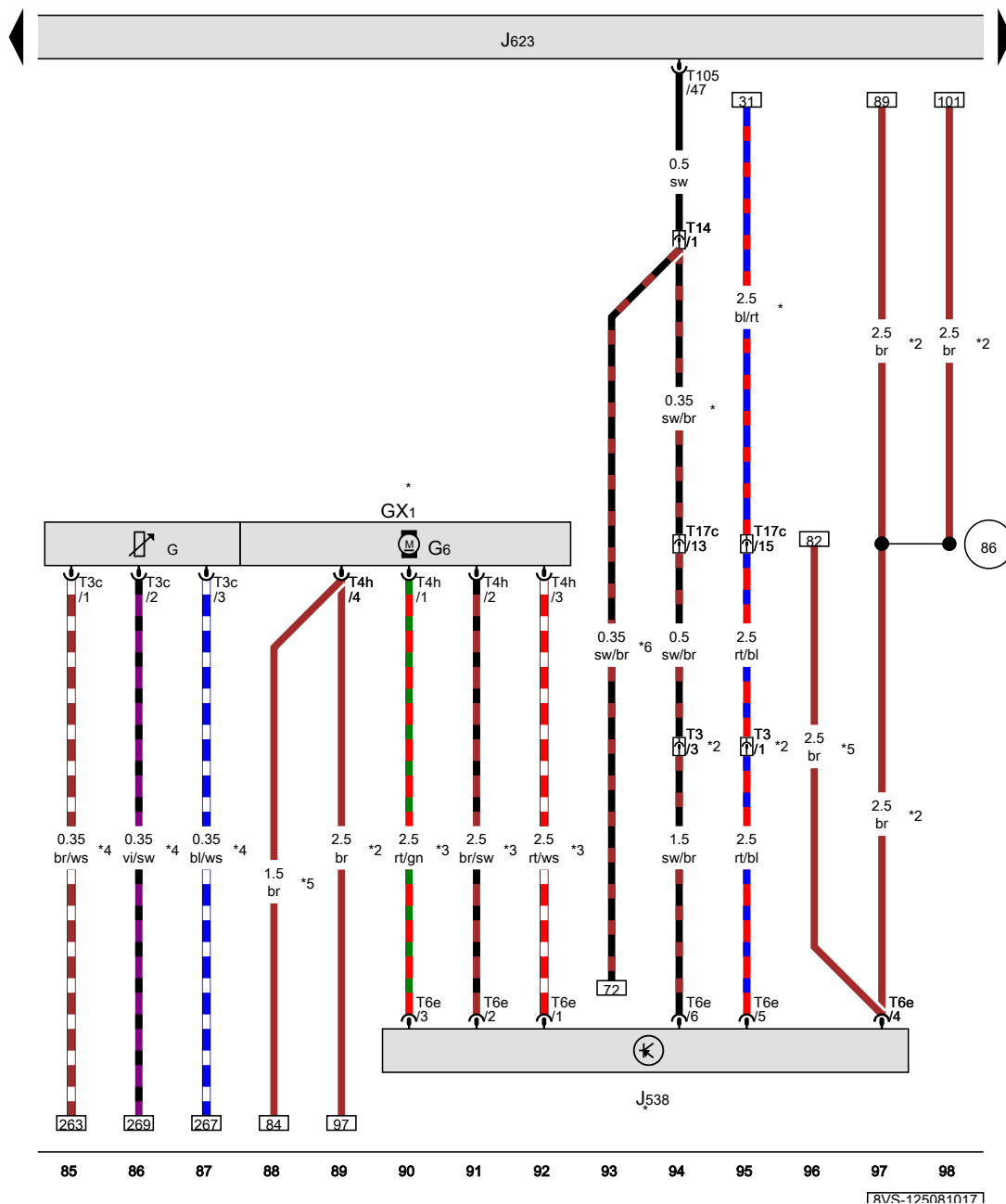
Fuel gauge sender, Fuel delivery unit, Fuel system pressurisation pump, Fuel pump control unit, Engine/motor control unit

- G Fuel gauge sender
- GX1 Fuel delivery unit
- G6 Fuel system pressurisation pump
- J538 Fuel pump control unit
- J623 Engine/motor control unit
- T3c 3-pin connector, black
- T4h 4-pin connector, black
- T6e 6-pin connector, black
- T17c 17-pin connector, red

- 51 Earth point, on right in luggage compartment
- 75 Earth point, rear right pillar
- 374 Earth connection 9, in main wiring harness

- * For models with front-wheel drive
- *2 For models with 3 doors
- *3 For models with 5 doors
- *4 see applicable current flow diagram for fuel system
- *5 For models with no auxiliary heater
- *6 For models with 4 doors

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



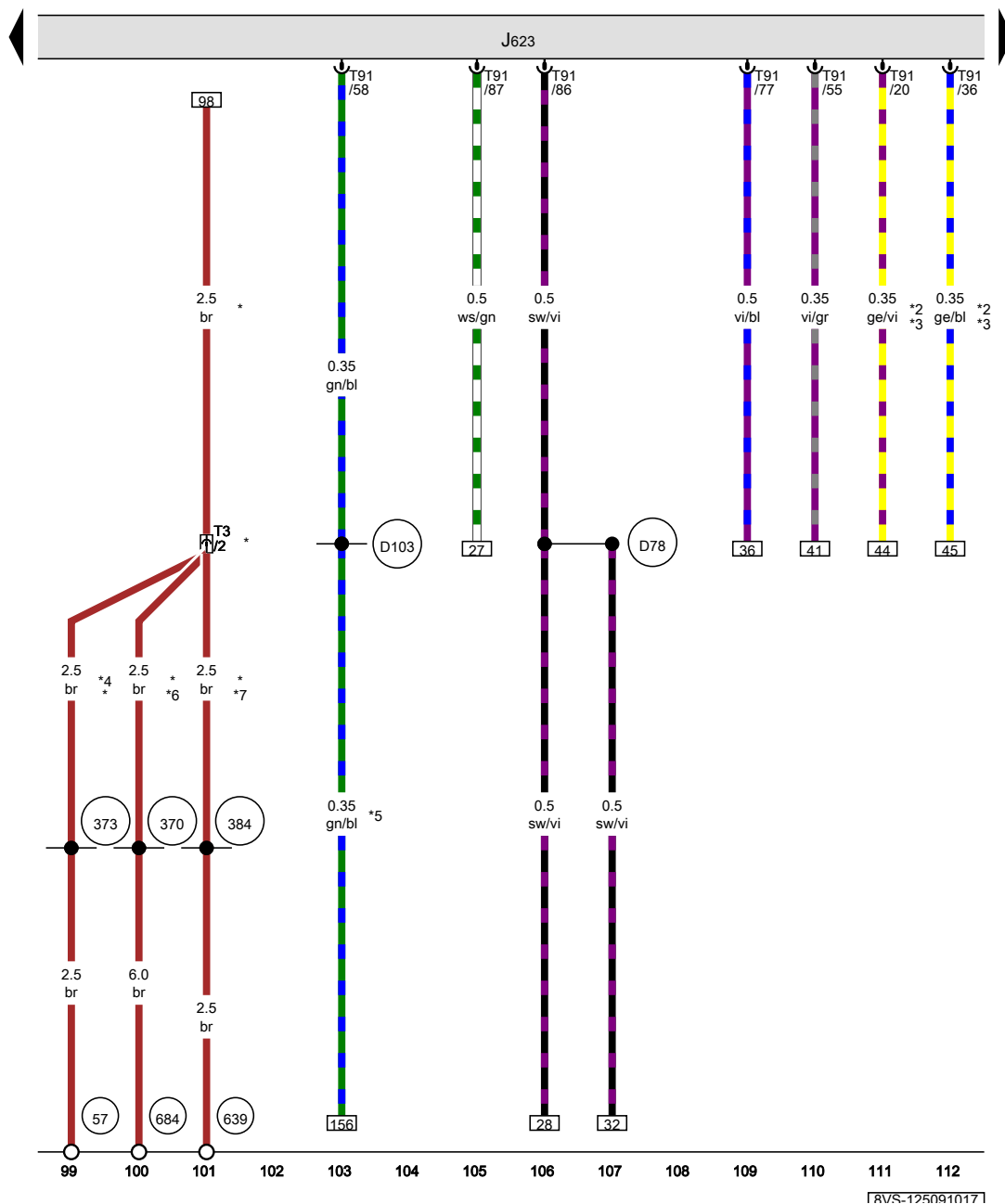
Fuel gauge sender, Fuel delivery unit, Fuel system pressurisation pump, Fuel pump control unit, Engine/motor control unit

- G Fuel gauge sender
- GX1 Fuel delivery unit
- G6 Fuel system pressurisation pump
- J538 Fuel pump control unit
- J623 Engine/motor control unit
- T3 3-pin connector, black
- T3c 3-pin connector, black
- T4h 4-pin connector, black
- T6e 6-pin connector, black
- T14 14-pin connector, grey
- T17c 17-pin connector, red
- T105 105-pin connector, black

86 Earth connection 1, in rear wiring harness

- * For models with all-wheel drive
- *2 For models with auxiliary heating
- *3 Wiring colour depends on equipment
- *4 see applicable current flow diagram for fuel system
- *5 For models with no auxiliary heater
- *6 For models with front-wheel drive

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

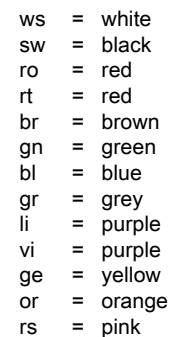


Engine/motor control unit

J623 Engine/motor control unit
T3 3-pin connector, black
T91 91-pin connector, black

- (57) Earth point, rear left pillar
- (370) Earth connection 5, in main wiring harness
- (373) Earth connection 8, in main wiring harness
- (384) Earth connection 19, in main wiring harness
- (639) Earth point, left A-pillar
- (684) Earth point on front of left side member
- (D78) Positive connection 1 (30a), in engine compartment wiring harness
- (D103) Connection 3 in engine compartment wiring harness

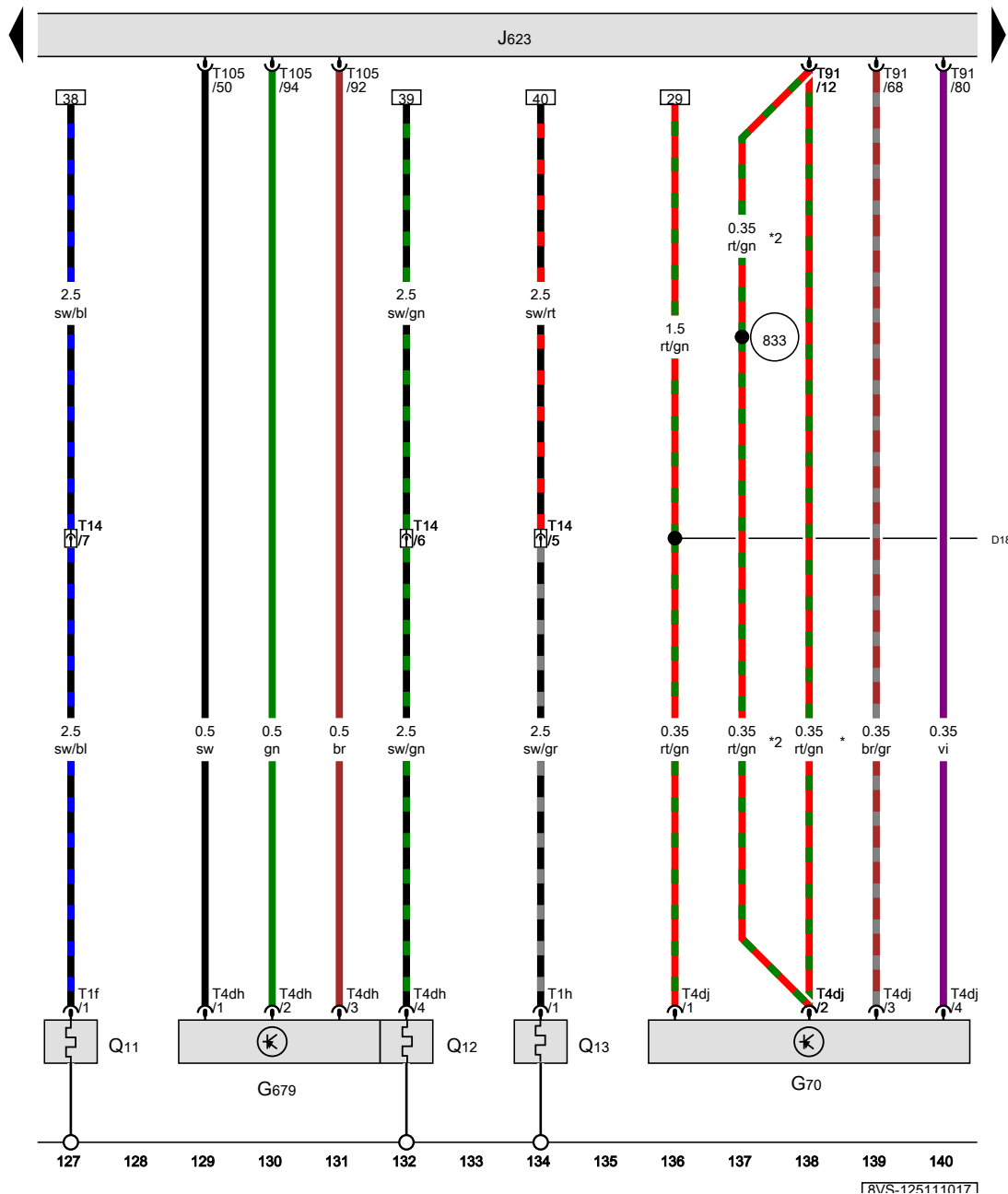
- * For models with auxiliary heating
- *2 For models with auxiliary air heater
- *3 see applicable current flow diagram
- *4 For models with 3 doors
- *5 For models with dual clutch gearbox
- *6 For models with 5 doors
- *7 For models with 4 doors



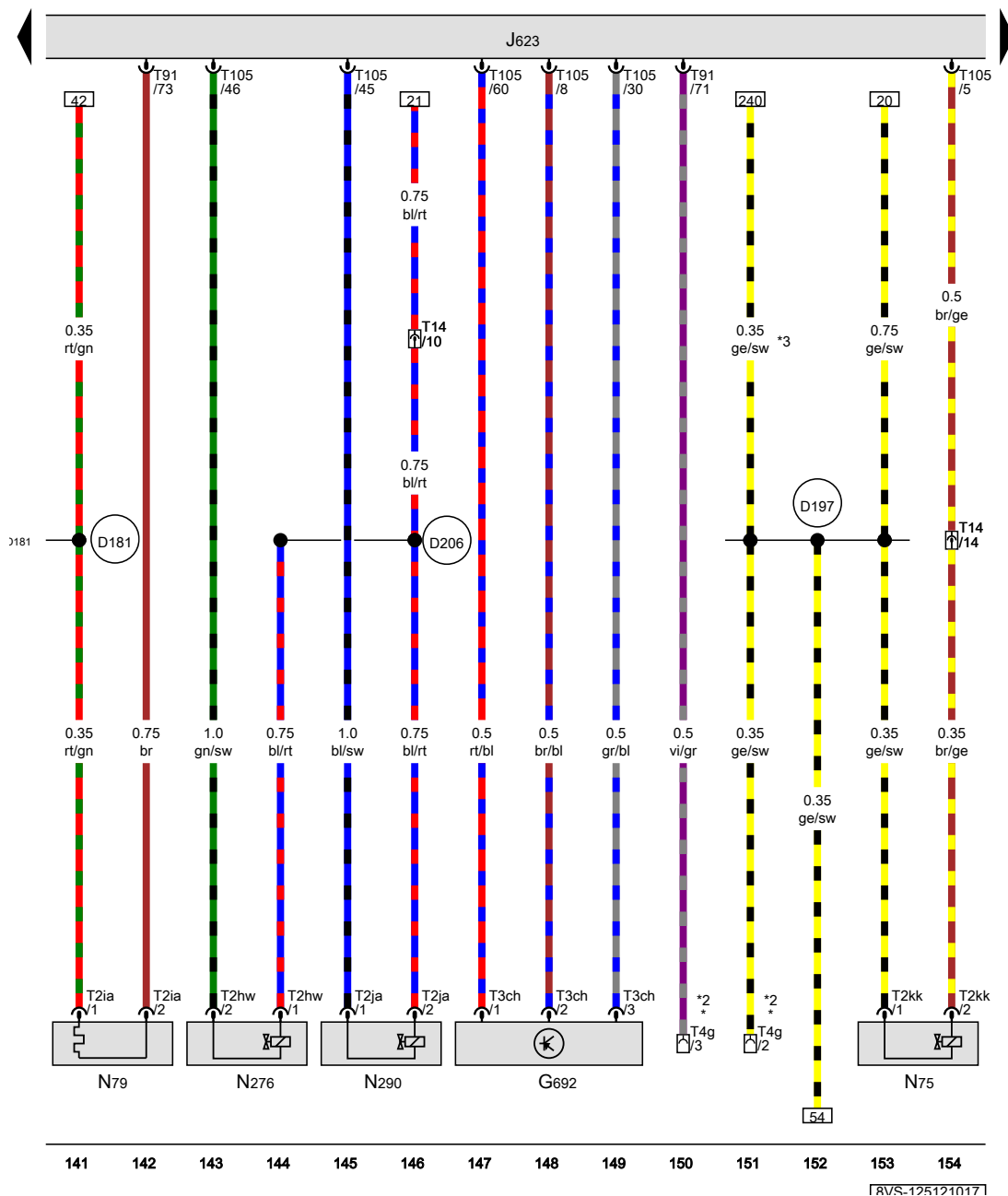
J623	Engine/motor control unit
Q10	Glow plug 1
T1e	1-pin connector, black
T14	14-pin connector, grey
T91	91-pin connector, black

209	Earth connection 6, in engine compartment wiring harness
671	Earth point 1, on front of left longitudinal member
819	Earth connection 12, in engine compartment wiring harness
D183	Connection 4 (87a), in engine compartment wiring harness
*	Different wire colour possible

Air mass meter, Engine/motor control unit, Glow plug 2, Glow plug 3, Glow plug 4



- G70 Air mass meter
- G679 Cylinder 3 combustion chamber pressure sender
- J623 Engine/motor control unit
- Q11 Glow plug 2
- Q12 Glow plug 3
- Q13 Glow plug 4
- T1f 1-pin connector, black
- T1h 1-pin connector, black
- T4dh 4-pin connector, black
- T4dj 4-pin connector, black
- T14 14-pin connector, grey
- T91 91-pin connector, black
- T105 105-pin connector, black
- 833 Earth connection 15, in engine compartment wiring harness
- D181 Connection 2 (87a), in engine compartment wiring harness
- * Gradually discontinued
- *2 gradual introduction



Pressure sender 2 for exhaust gas recirculation, Engine/motor control unit, Charge pressure control solenoid valve, Heater element for crankcase breather, Fuel pressure regulating valve, Fuel metering valve

- G692 Pressure sender 2 for exhaust gas recirculation
- J623 Engine/motor control unit
- N75 Charge pressure control solenoid valve
- N79 Heater element for crankcase breather
- N276 Fuel pressure regulating valve
- N290 Fuel metering valve
- T2hw 2-pin connector, black
- T2ia 2-pin connector, black
- T2ja 2-pin connector, black
- T2kk 2-pin connector, black
- T3ch 3-pin connector, black
- T4g 4-pin connector, black
- T14 14-pin connector, grey
- T91 91-pin connector, black
- T105 105-pin connector, black

D181 Connection 2 (87a), in engine compartment wiring harness

D197 Connection 5 (87a), in engine compartment wiring harness

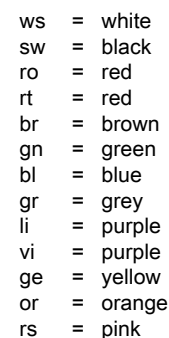
D206 Connection 4 (87a) in engine prewiring harness

* Radiator fan connection

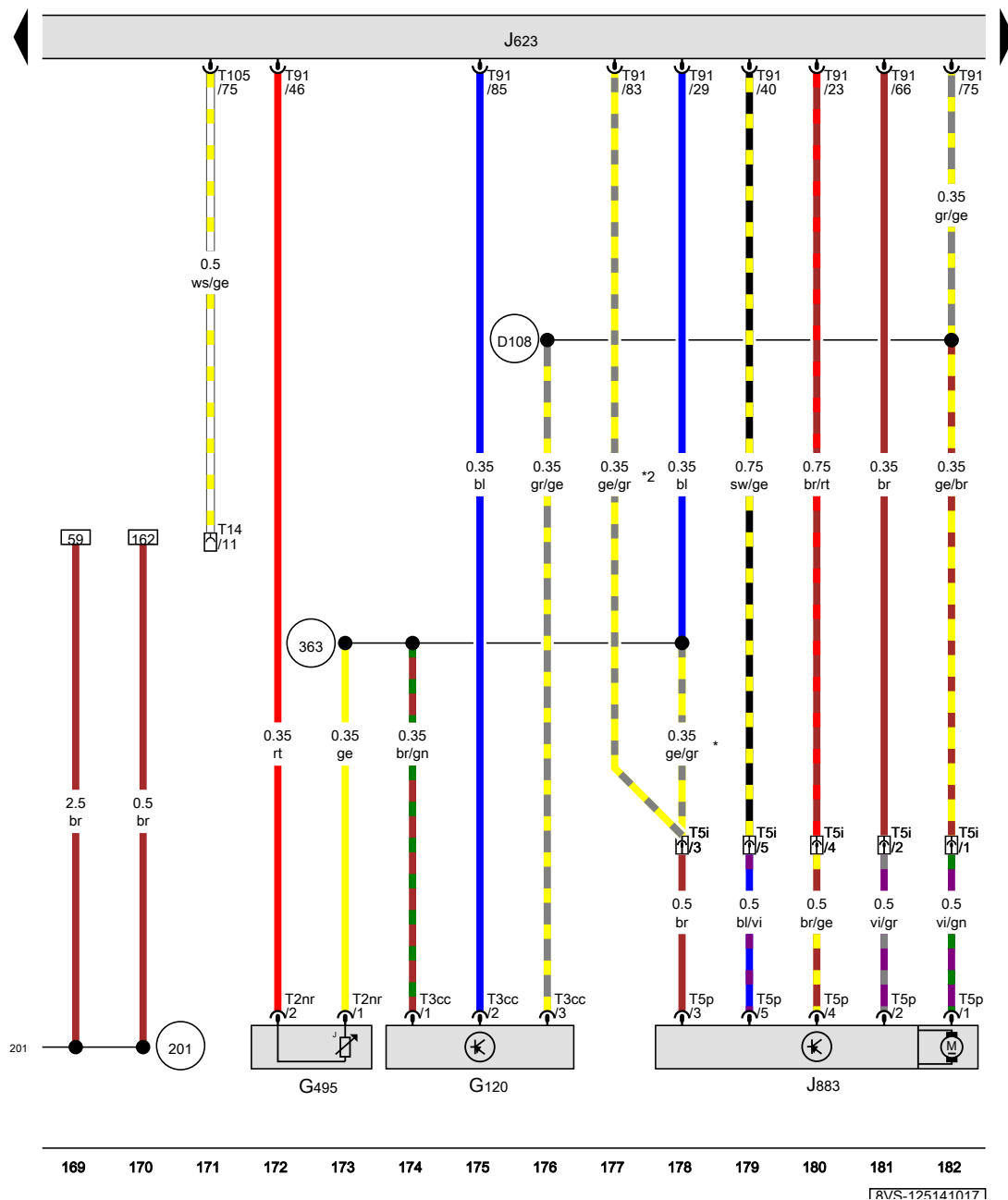
*2 see applicable current flow diagram for radiator fan

*3 Up to April 2016

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink



*3 From May 2016



Water level sender, Exhaust gas temperature sender 3, Engine/motor control unit, Exhaust flap control unit

- G120 Water level sender
- G495 Exhaust gas temperature sender 3
- J623 Engine/motor control unit
- J883 Exhaust flap control unit
- T2nr 2-pin connector, black
- T3cc 3-pin connector, black
- T5i 5-pin connector, black
- T5p 5-pin connector, black
- T14 14-pin connector, grey
- T91 91-pin connector, black
- T105 105-pin connector, black

201 Earth connection 5, in engine compartment wiring harness

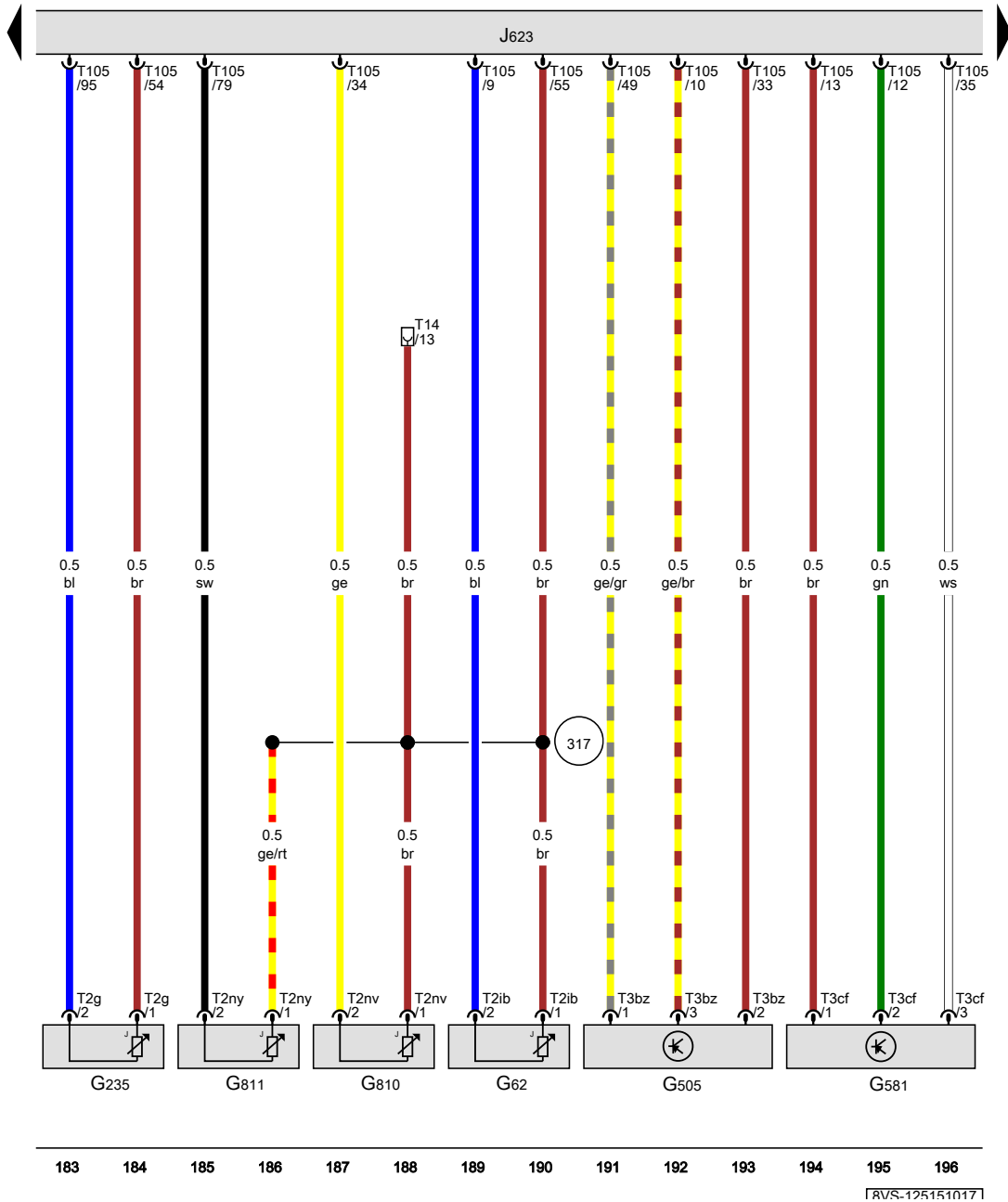
363 Earth connection 8, in engine compartment wiring harness

D108 Connection 6 in engine compartment wiring harness

* Gradually discontinued

*2 gradual introduction

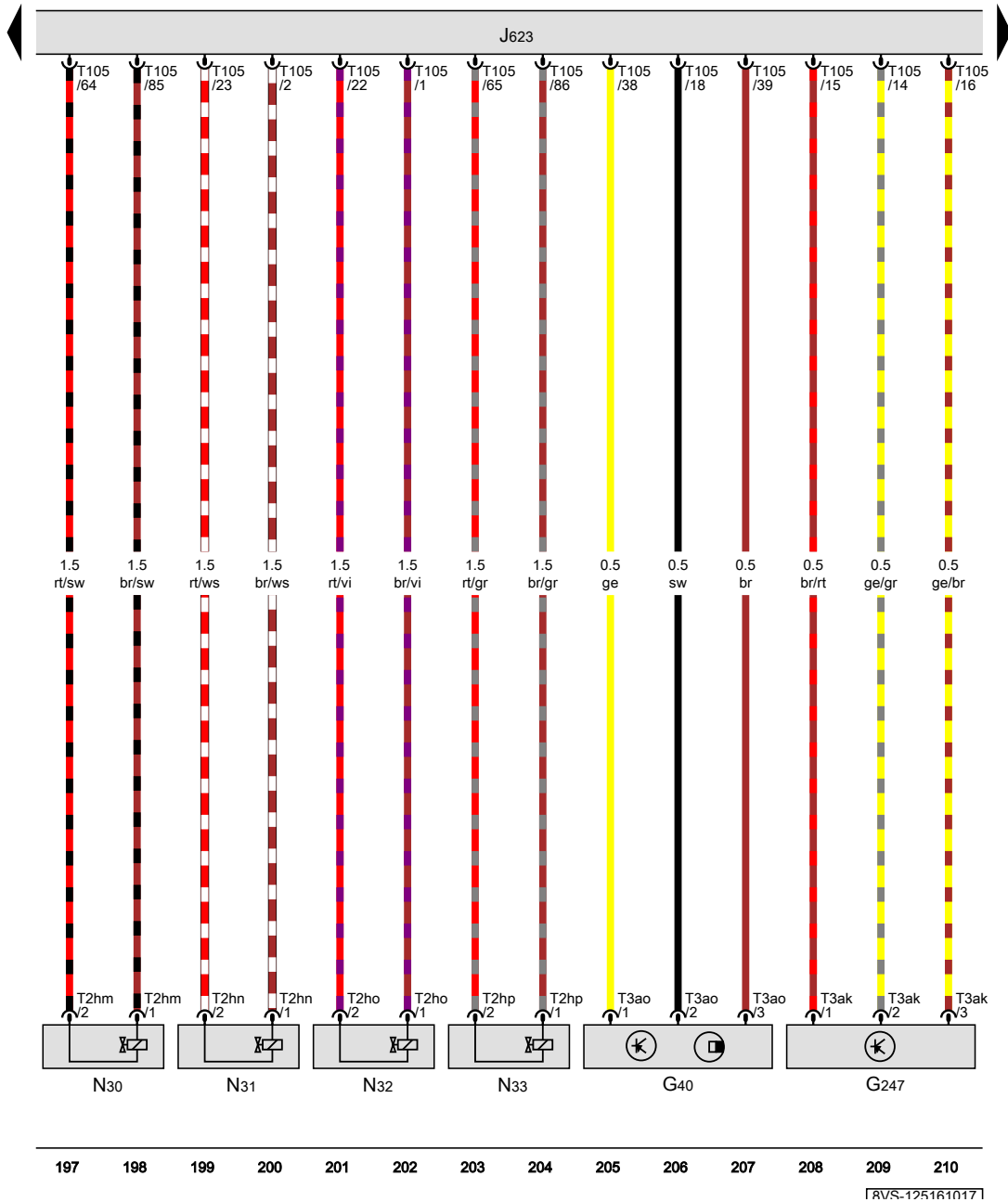
ws = white
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Coolant temperature sender, Exhaust gas temperature sender 1, Pressure differential sender, Position sender for charge pressure positioner, Charge air temperature sender before charge air cooler, Charge air temperature sender after charge air cooler, Engine/motor control unit

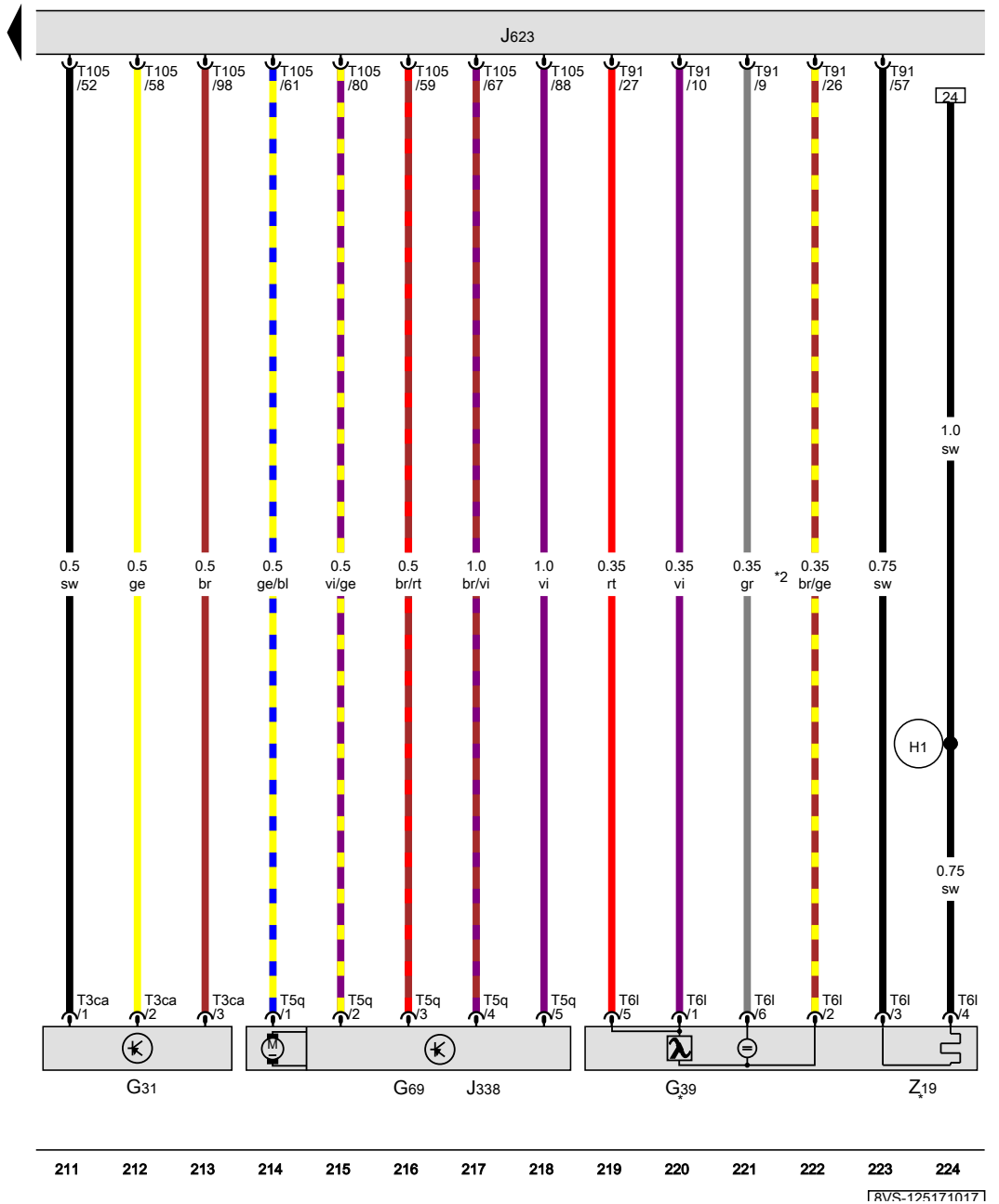
- G62 Coolant temperature sender
- G235 Exhaust gas temperature sender 1
- G505 Pressure differential sender
- G581 Position sender for charge pressure positioner
- G810 Charge air temperature sender before charge air cooler
- G811 Charge air temperature sender after charge air cooler
- J623 Engine/motor control unit
- T2g 2-pin connector, black
- T2ib 2-pin connector, black
- T2nv 2-pin connector, black
- T2ny 2-pin connector, black
- T3bz 3-pin connector, black
- T3cf 3-pin connector, black
- T14 14-pin connector, grey
- T105 105-pin connector, black
- 317 Earth connection 7, in engine compartment wiring harness

Hall sender, Fuel pressure sender, Engine/motor control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4



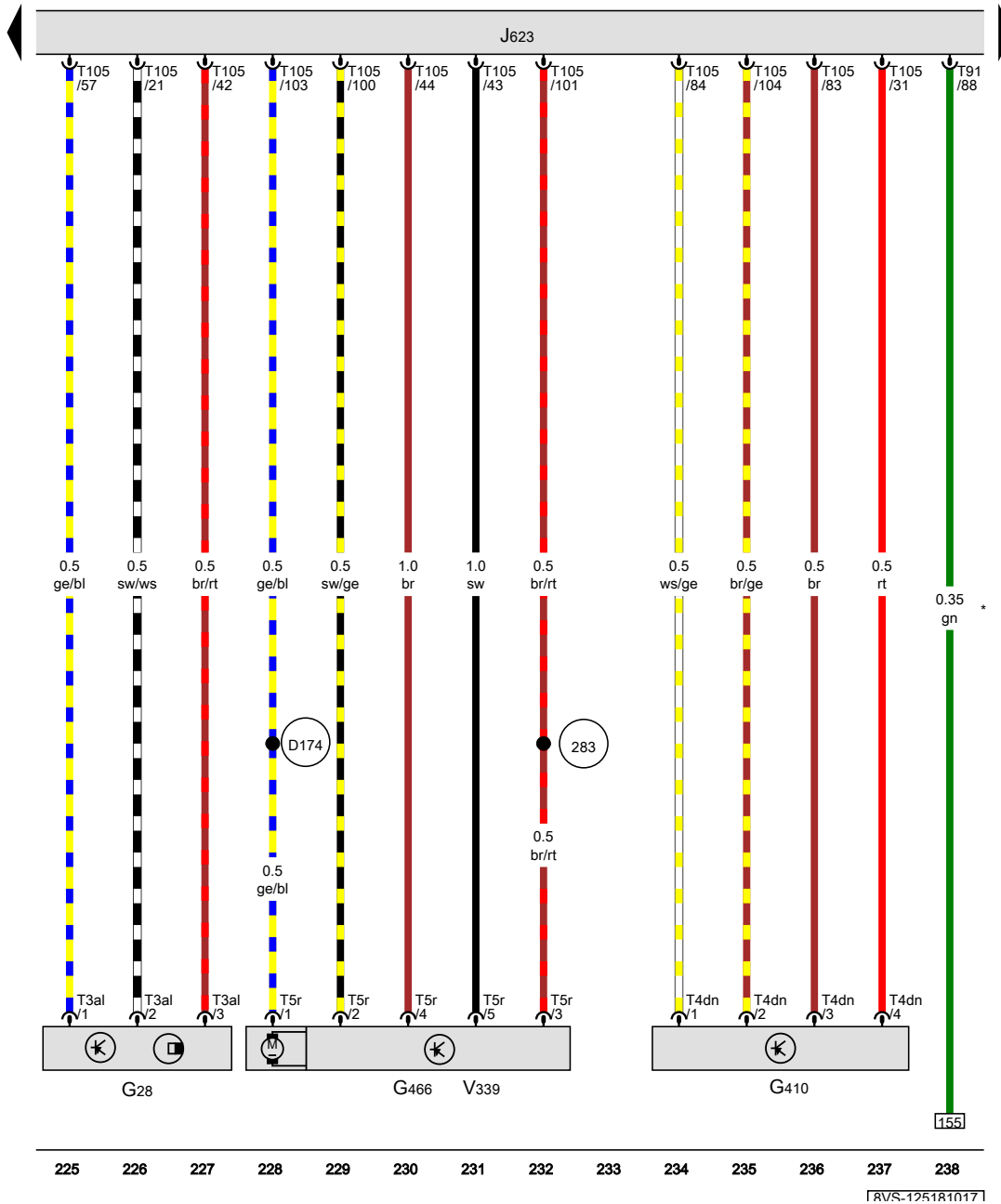
- G40 Hall sender
- G247 Fuel pressure sender
- J623 Engine/motor control unit
- N30 Injector, cylinder 1
- N31 Injector, cylinder 2
- N32 Injector, cylinder 3
- N33 Injector, cylinder 4
- T2hm 2-pin connector, black
- T2hn 2-pin connector, black
- T2ho 2-pin connector, black
- T2hp 2-pin connector, black
- T3ak 3-pin connector, black
- T3ao 3-pin connector, black
- T105 105-pin connector, black

Charge pressure sender, Lambda probe, Throttle valve potentiometer, Throttle valve module, Engine/motor control unit, Lambda probe heater



- G31 Charge pressure sender
- G39 Lambda probe
- G69 Throttle valve potentiometer
- J338 Throttle valve module
- J623 Engine/motor control unit
- T3ca 3-pin connector, black
- T5q 5-pin connector, black
- T6l 6-pin connector, black
- T91 91-pin connector, black
- T105 105-pin connector, black
- Z19 Lambda probe heater
- H1 Positive connection, in Lambda wiring harness
- * Pre-wired component
- *2 Wiring colour depends on equipment

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



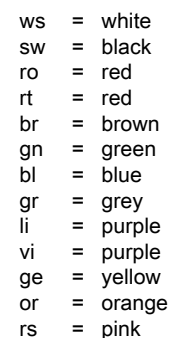
Engine speed sender, Fuel pressure sender for low pressure, Exhaust gas recirculation potentiometer 2, Engine/motor control unit, Exhaust gas recirculation control motor 2

- G28 Engine speed sender
- G410 Fuel pressure sender for low pressure
- G466 Exhaust gas recirculation potentiometer 2
- J623 Engine/motor control unit
- T3al 3-pin connector, black
- T4dn 4-pin connector, black
- T5r 5-pin connector, black
- T91 91-pin connector, black
- T105 105-pin connector, black
- V339 Exhaust gas recirculation control motor 2

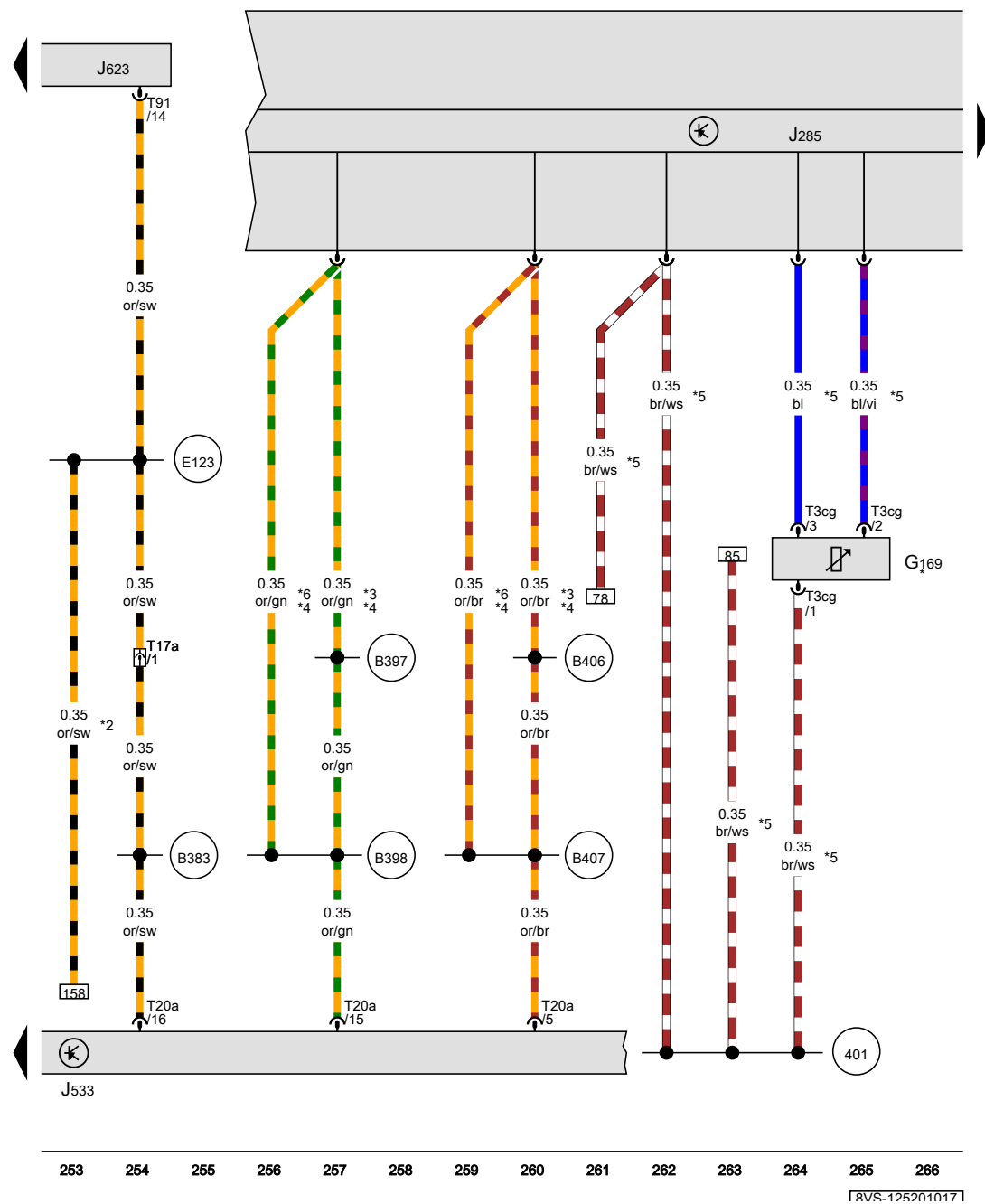
283 Earth point 2, engine prewiring harness

D174 Connection 2 (5V) in engine prewiring harness

* For models with dual clutch gearbox



* For models with dual clutch gearbox
*2 Up to April 2016
*3 From May 2016



Fuel gauge sender 2, Control unit in dash panel insert, Data bus diagnostic interface, Engine/motor control unit

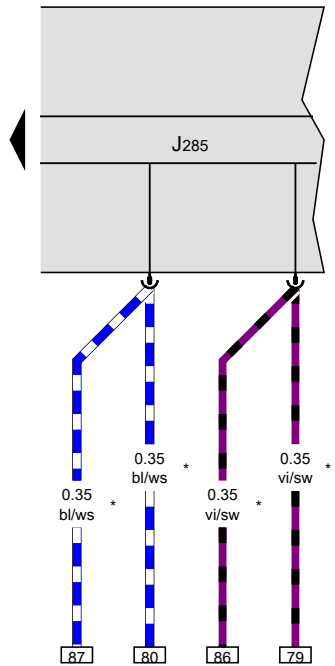
- G169 Fuel gauge sender 2
- J285 Control unit in dash panel insert
- J533 Data bus diagnostic interface
- J623 Engine/motor control unit
- T3cg 3-pin connector, black
- T17a 17-pin connector, black
- T20a 20-pin connector, red
- T91 91-pin connector, black

- 401 Earth connection (sender earth), in interior wiring harness
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness
- E123 Connection 1 (powertrain CAN bus, high), in engine wiring harness
- * For models with all-wheel drive
- *2 For models with dual clutch gearbox
- *3 For left-hand drive models
- *4 see applicable current flow diagram for dash panel insert
- *5 see applicable current flow diagram for fuel system
- *6 For right-hand drive models

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- bl = blue
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Control unit in dash panel insert

J285 Control unit in dash panel insert
* see applicable current flow diagram for fuel system



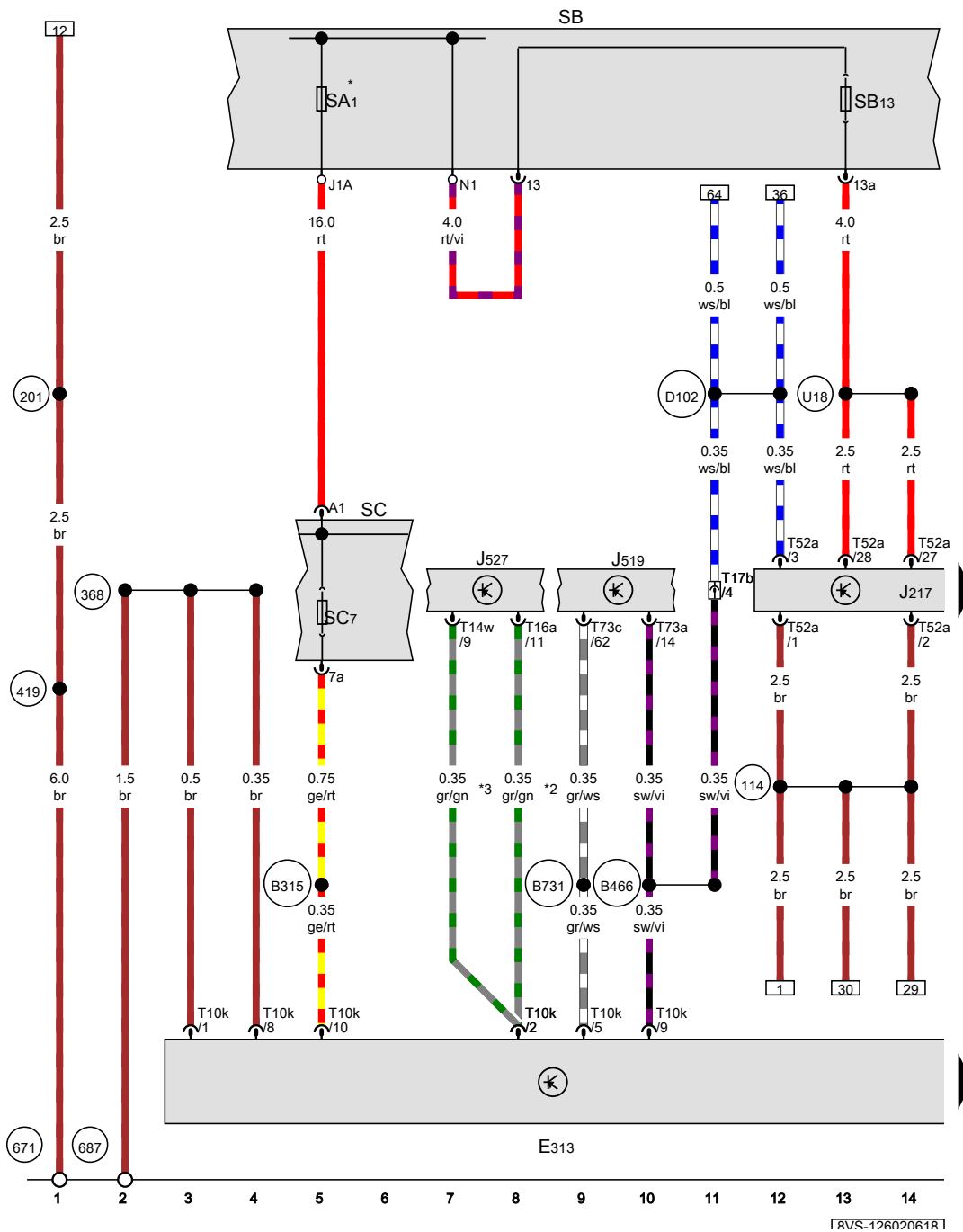
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ge = yellow
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rs = pink

267 268 269 270 271 272 273 274 275 276 277 278 279 280

[AVS-125211017]

6-speed automatic gearbox , (0ER)

From September 2015



Selector lever, Automatic gearbox control unit, Onboard supply control unit

- E313 Selector lever
- J217 Automatic gearbox control unit
- J519 Onboard supply control unit
- J527 Steering column electronics control unit
- SA1 Fuse 1 on fuse holder A
- SB Fuse holder B
- SC Fuse holder C
- SC7 Fuse 7 on fuse holder C
- SB13 Fuse 13 on fuse holder B
- T10k 10-pin connector
- T14w 14-pin connector
- T16a 16-pin connector
- T17b 17-pin connector
- T52a 52-pin connector
- T73a 73-pin connector
- T73c 73-pin connector
- 114 Earth connection, in automatic gearbox wiring harness
- 201 Earth connection 5, in engine compartment wiring harness
- 368 Earth connection 3, in main wiring harness
- 419 Earth connection 11, in engine compartment wiring harness
- 671 Earth point 1, on front of left longitudinal member
- 687 Earth point 1, on centre tunnel
- B315 Positive connection 1 (30a) in main wiring harness
- B466 Connection 2, in main wiring harness
- B731 Connection 1 (58s), in main wiring harness
- D102 Connection 2 in engine compartment wiring harness
- U18 Positive connection (30a), in automatic gearbox wiring harness

* see applicable current flow diagram for battery in engine compartment

*2 For models with no heated steering wheel

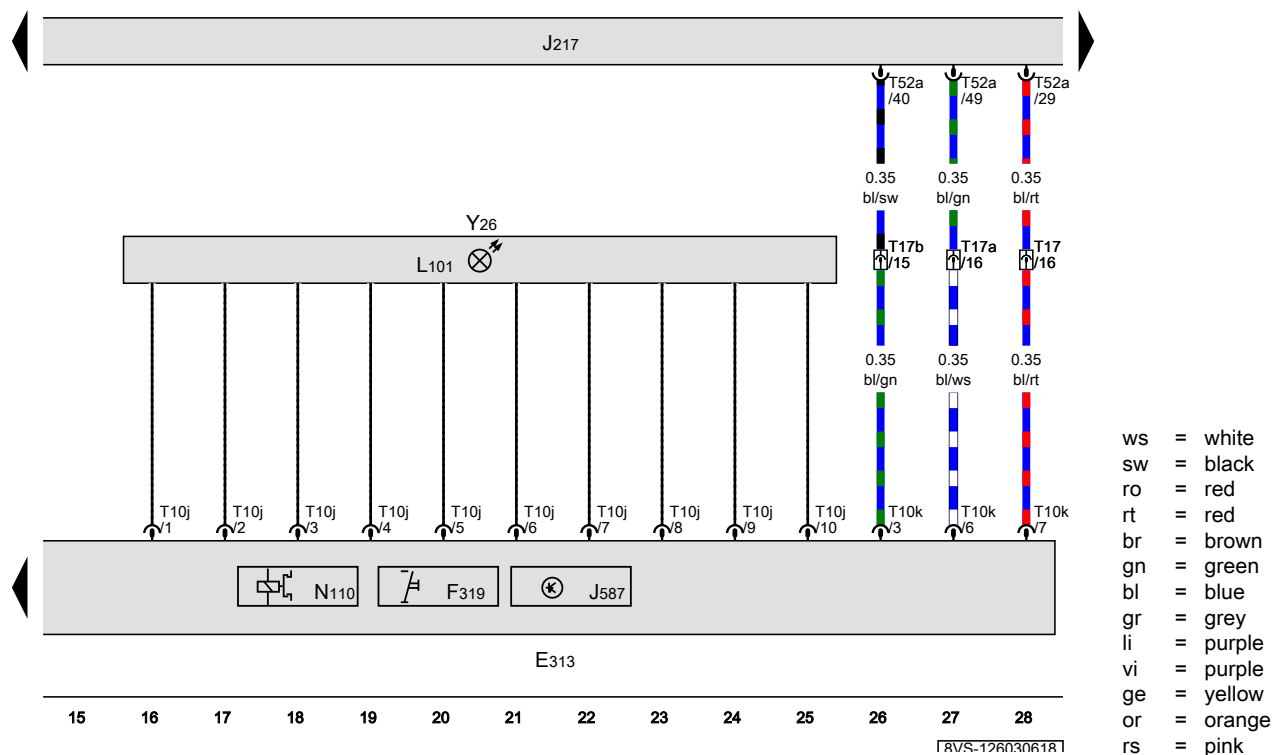
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gn = green
bl = blue
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vi = purple
ge = yellow
or = orange
rs = pink

*3 For models with heated steering wheel

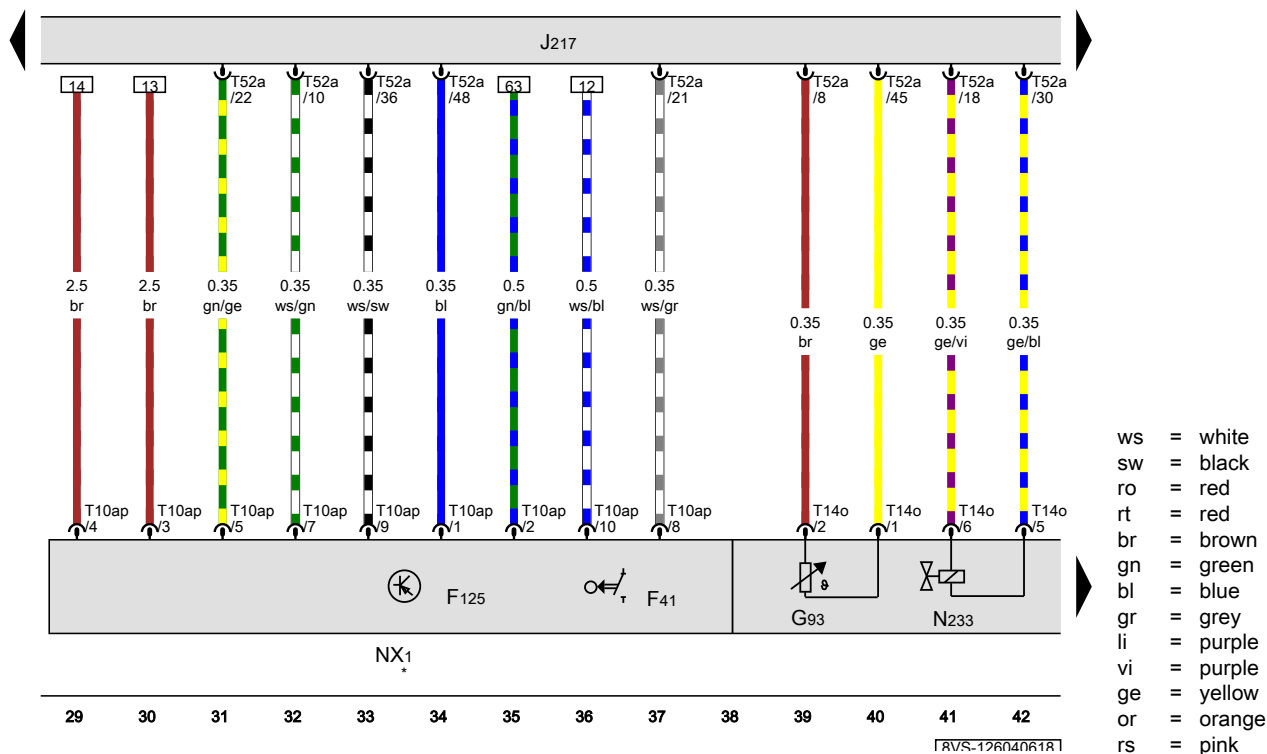
Selector lever, Selector lever locked in position P switch, Automatic gearbox control unit, Selector lever sensors control unit, Selector lever lock solenoid, Selector lever position display

- E313 Selector lever
- F319 Selector lever locked in position P switch
- J217 Automatic gearbox control unit
- J587 Selector lever sensors control unit
- L101 Selector lever display illumination bulb
- N110 Selector lever lock solenoid
- T10j 10-pin connector
- T10k 10-pin connector
- T17 17-pin connector
- T17a 17-pin connector
- T17b 17-pin connector
- T52a 52-pin connector
- Y26 Selector lever position display



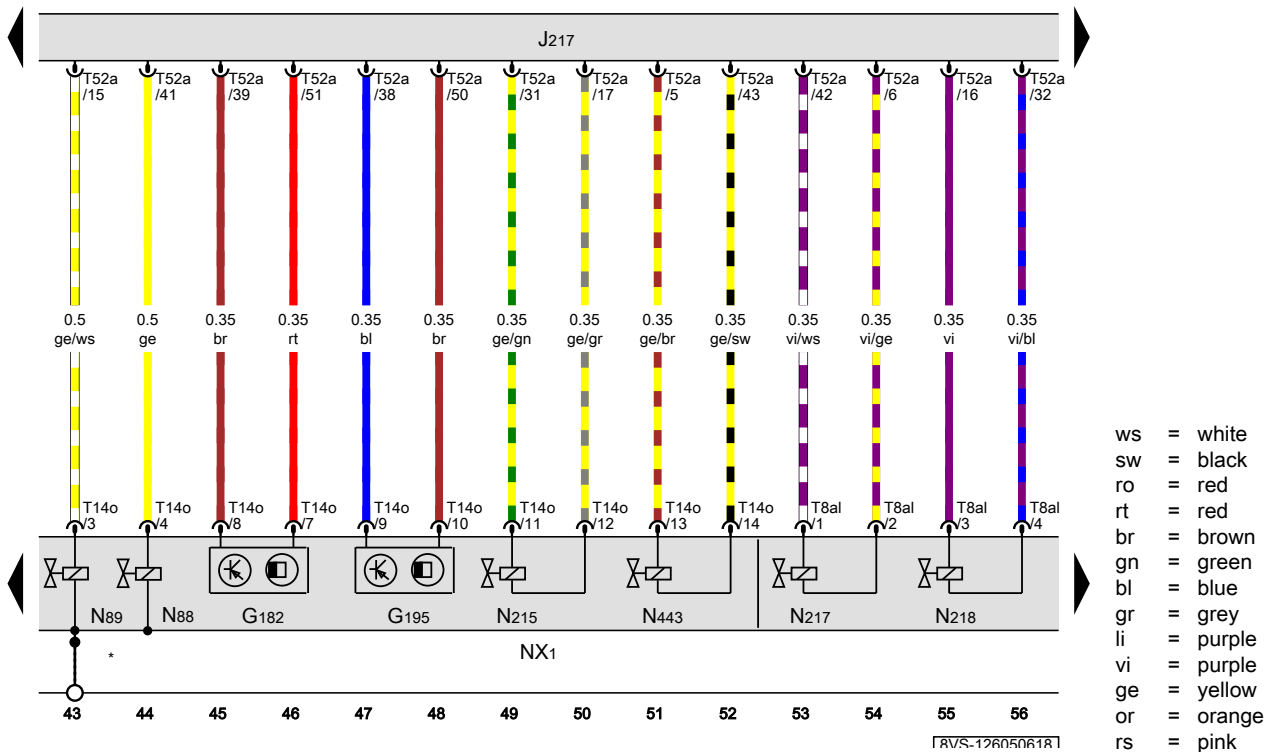
Multifunction switch, Gearbox oil temperature sender, Automatic gearbox control unit, Gearbox, Automatic gearbox pressure regulating valve 5

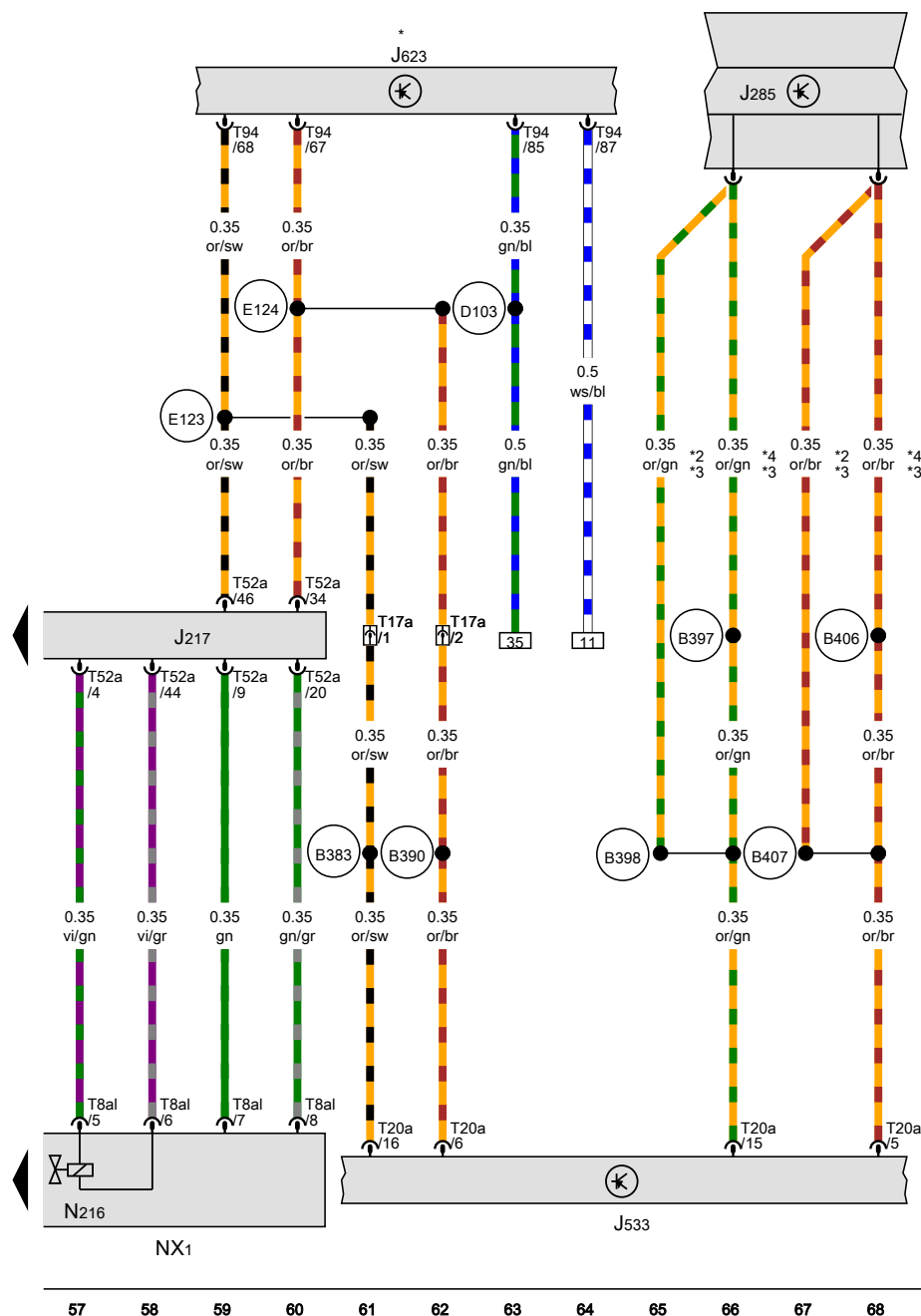
- F41 Reversing switch
- F125 Multifunction switch
- G93 Gearbox oil temperature sender
- J217 Automatic gearbox control unit
- NX1 Gearbox
- N233 Automatic gearbox pressure regulating valve 5
- T10ap 10-pin connector
- T14o 14-pin connector
- T52a 52-pin connector
- * Pre-wired component



Gearbox input speed sender, Gearbox output speed sender, Automatic gearbox control unit, Gearbox, Solenoid valve 2, Automatic gearbox pressure regulating valve 1, Automatic gearbox pressure regulating valve 4, Automatic gearbox pressure regulating valve 7

- G182 Gearbox input speed sender
- G195 Gearbox output speed sender
- J217 Automatic gearbox control unit
- NX1 Gearbox
- N88 Solenoid valve 1
- N89 Solenoid valve 2
- N215 Automatic gearbox pressure regulating valve 1
- N217 Automatic gearbox pressure regulating valve 3
- N218 Automatic gearbox pressure regulating valve 4
- N443 Automatic gearbox pressure regulating valve 7
- T8al 8-pin connector
- T14o 14-pin connector
- T52a 52-pin connector
- * Earth supply via housing





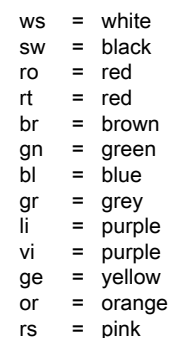
ws = white
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 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

Automatic gearbox control unit, Control unit in dash panel insert, Data bus diagnostic interface, Engine/motor control unit, Gearbox, Automatic gearbox pressure regulating valve 2

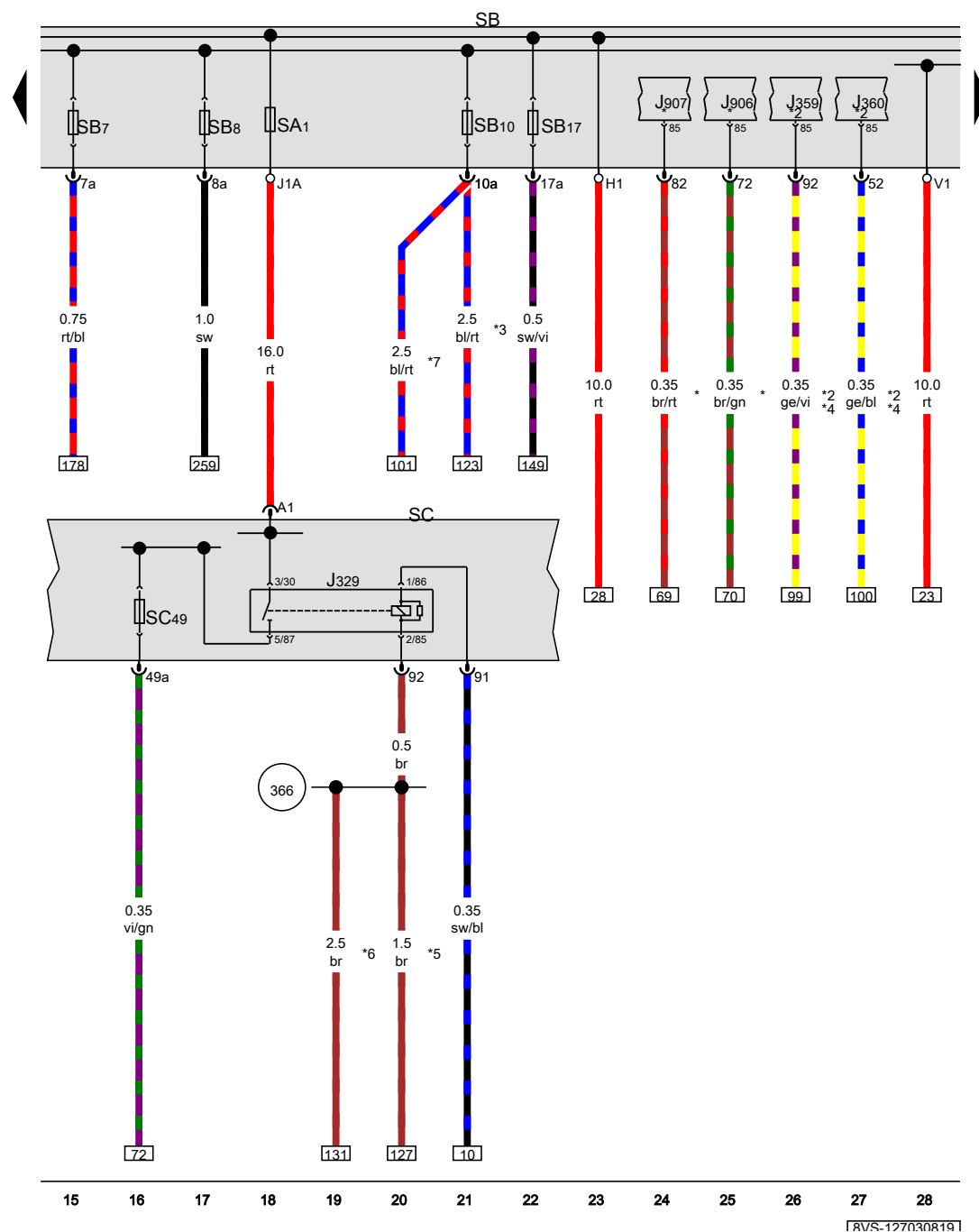
- J217 Automatic gearbox control unit
- J285 Control unit in dash panel insert
- J533 Data bus diagnostic interface
- J623 Engine/motor control unit
- NX1 Gearbox
- N216 Automatic gearbox pressure regulating valve 2
- T8al 8-pin connector
- T17a 17-pin connector
- T20a 20-pin connector
- T52a 52-pin connector
- T94 94-pin connector
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness
- D103 Connection 3 in engine compartment wiring harness
- E123 Connection 1 (powertrain CAN bus, high), in engine wiring harness
- E124 Connection 1 (powertrain CAN bus, low), in engine wiring harness
- * see applicable current flow diagram for engine
- *2 For right-hand drive models
- *3 see applicable current flow diagram for dash panel insert
- *4 For left-hand drive models

2.0l diesel engine , CRBC,CRBD,CRFA,CRFB,CRFC,CUPA

From March 2012



A	Battery
J317	Terminal 30 voltage supply relay
J519	Onboard supply control unit
SB	Fuse holder B
SB3	Fuse 3 on fuse holder B
SB4	Fuse 4 on fuse holder B
SB5	Fuse 5 on fuse holder B
SB6	Fuse 6 on fuse holder B
SB9	Fuse 9 on fuse holder B
SB22	Fuse 22 on fuse holder B
T73a	73-pin connector, black
T73c	73-pin connector, black
*	see applicable current flow diagram for battery in engine compartment
*2	Wiring colour depends on equipment

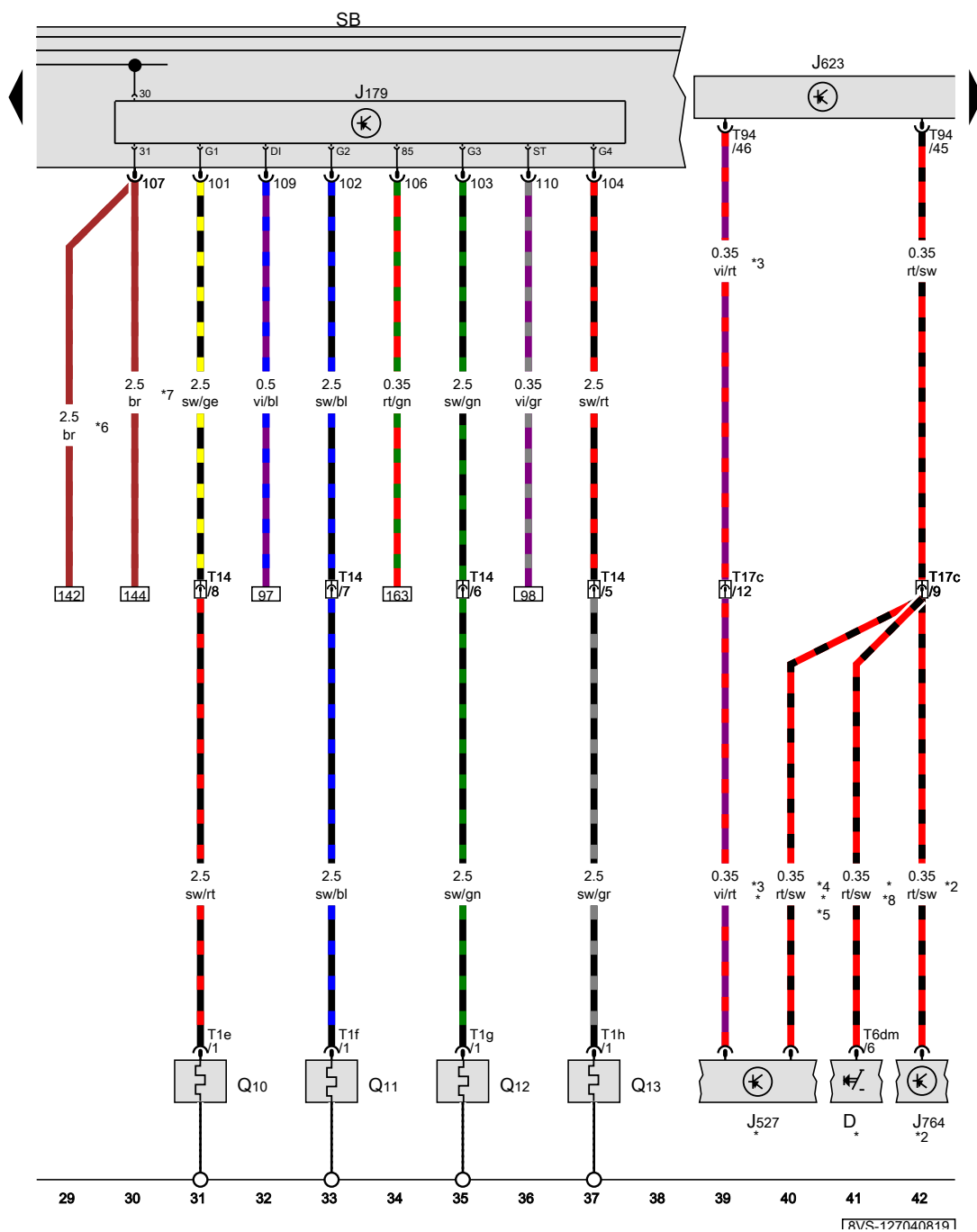


Terminal 15 voltage supply relay, Low heat output relay, High heat output relay, Fuse holder B, Fuse 8 on fuse holder B, Fuse holder C

- J329 Terminal 15 voltage supply relay
- J359 Low heat output relay
- J360 High heat output relay
- J906 Starter relay 1
- J907 Starter relay 2
- SA1 Fuse 1 on fuse holder A
- SB Fuse holder B
- SB7 Fuse 7 on fuse holder B
- SB8 Fuse 8 on fuse holder B
- SB10 Fuse 10 on fuse holder B
- SB17 Fuse 17 on fuse holder B
- SC Fuse holder C
- SC49 Fuse 49 on fuse holder C

366 Earth connection 1, in main wiring harness

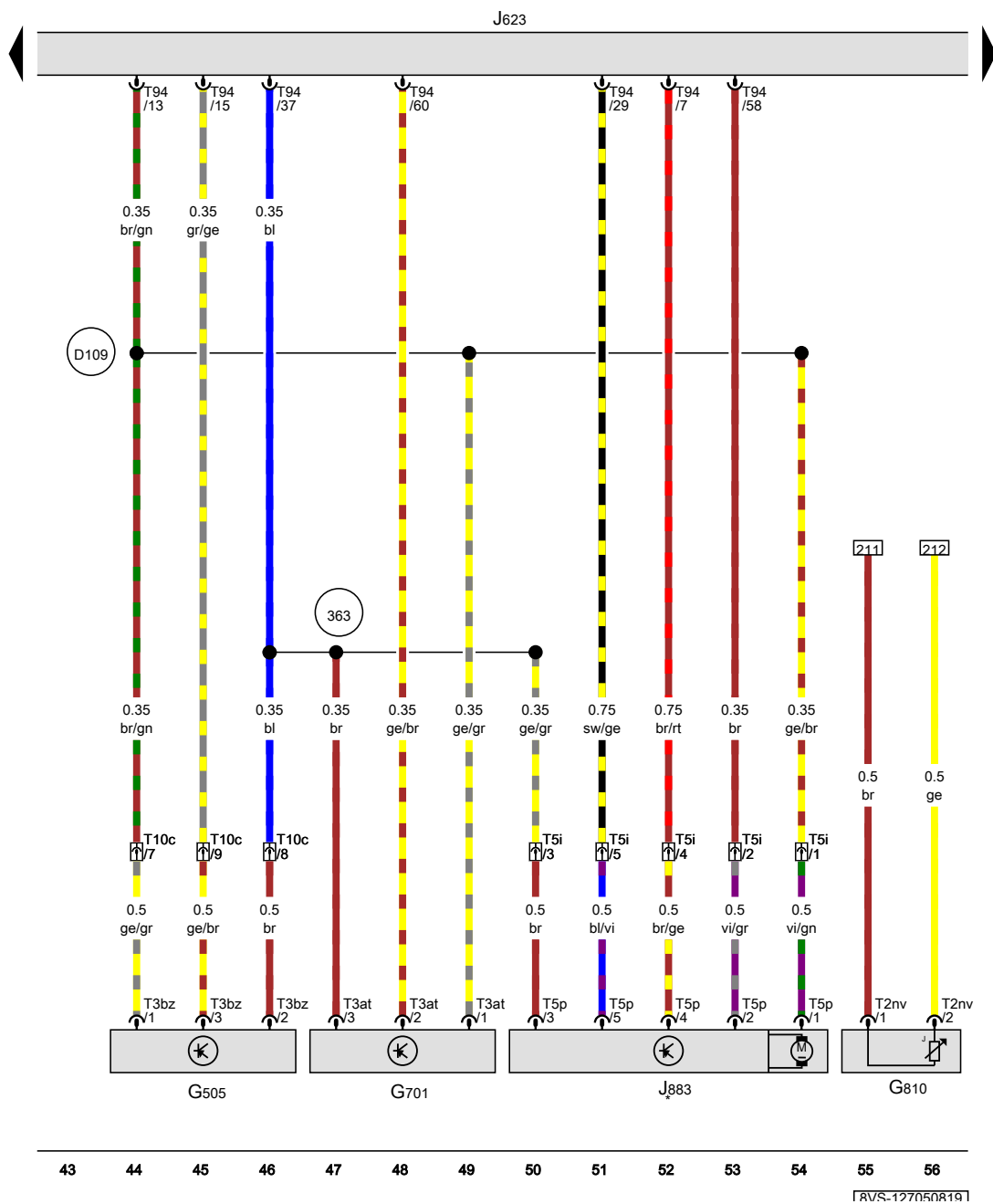
- * see applicable current flow diagram for battery in engine compartment
- *2 For models with auxiliary air heater
- *3 For models with all-wheel drive
- *4 see applicable current flow diagram
- *5 For right-hand drive models
- *6 For left-hand drive models
- *7 For models with front-wheel drive



Automatic glow period control unit, Steering column electronics control unit, Engine/motor control unit, Glow plug 1, Glow plug 2, Glow plug 3, Glow plug 4, Fuse holder B

- D Ignition/starter switch
- J179 Automatic glow period control unit
- J527 Steering column electronics control unit
- J623 Engine/motor control unit
- J764 Control unit for electronic steering column lock
- Q10 Glow plug 1
- Q11 Glow plug 2
- Q12 Glow plug 3
- Q13 Glow plug 4
- SB Fuse holder B
- T1e 1-pin connector, black
- T1f 1-pin connector, black
- T1g 1-pin connector, black
- T1h 1-pin connector, black
- T6dm 6-pin connector, black
- T14 14-pin connector, grey
- T17c 17-pin connector, red
- T94 94-pin connector, black
- * see applicable current flow diagram for steering column electronics
- *2 see applicable current flow diagram for entry and start authorisation
- *3 For models with cruise control system (CCS)
- *4 For models with no entry and start authorisation
- *5 Up to June 2018
- *6 gradual introduction
- *7 Gradually discontinued
- *8 From July 2018

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



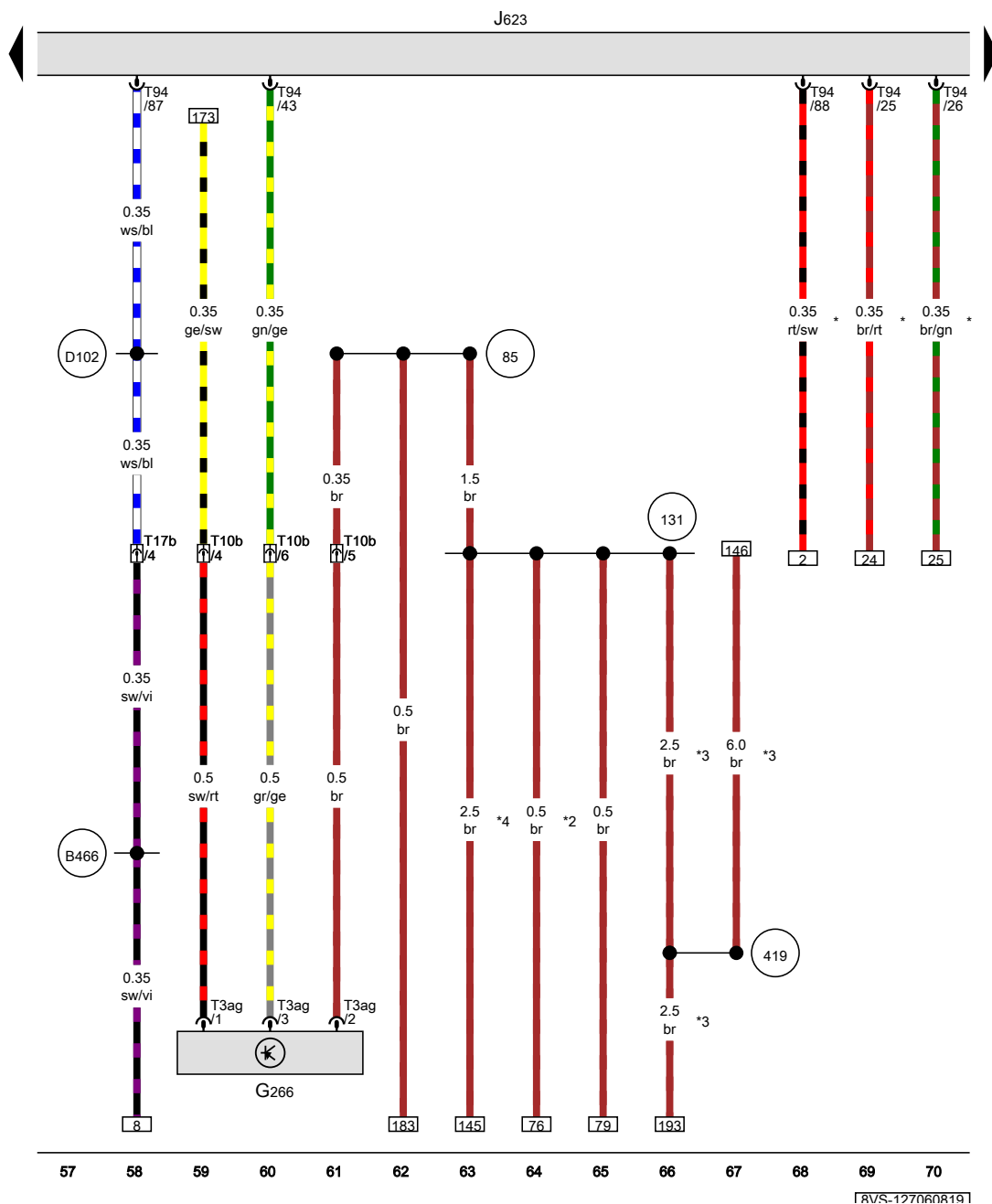
Pressure differential sender, Gearbox neutral position sender, Charge air temperature sender before charge air cooler, Engine/motor control unit, Exhaust flap control unit

- G505 Pressure differential sender
- G701 Gearbox neutral position sender
- G810 Charge air temperature sender before charge air cooler
- J623 Engine/motor control unit
- J883 Exhaust flap control unit
- T2nv 2-pin connector, black
- T3at 3-pin connector, black
- T3bz 3-pin connector, black
- T5i 5-pin connector, black
- T5p 5-pin connector, black
- T10c 10-pin connector, black
- T94 94-pin connector, black

363 Earth connection 8, in engine compartment wiring harness

D109 Connection 7 in engine compartment wiring harness

* Not for models with Euro 4 emission standard

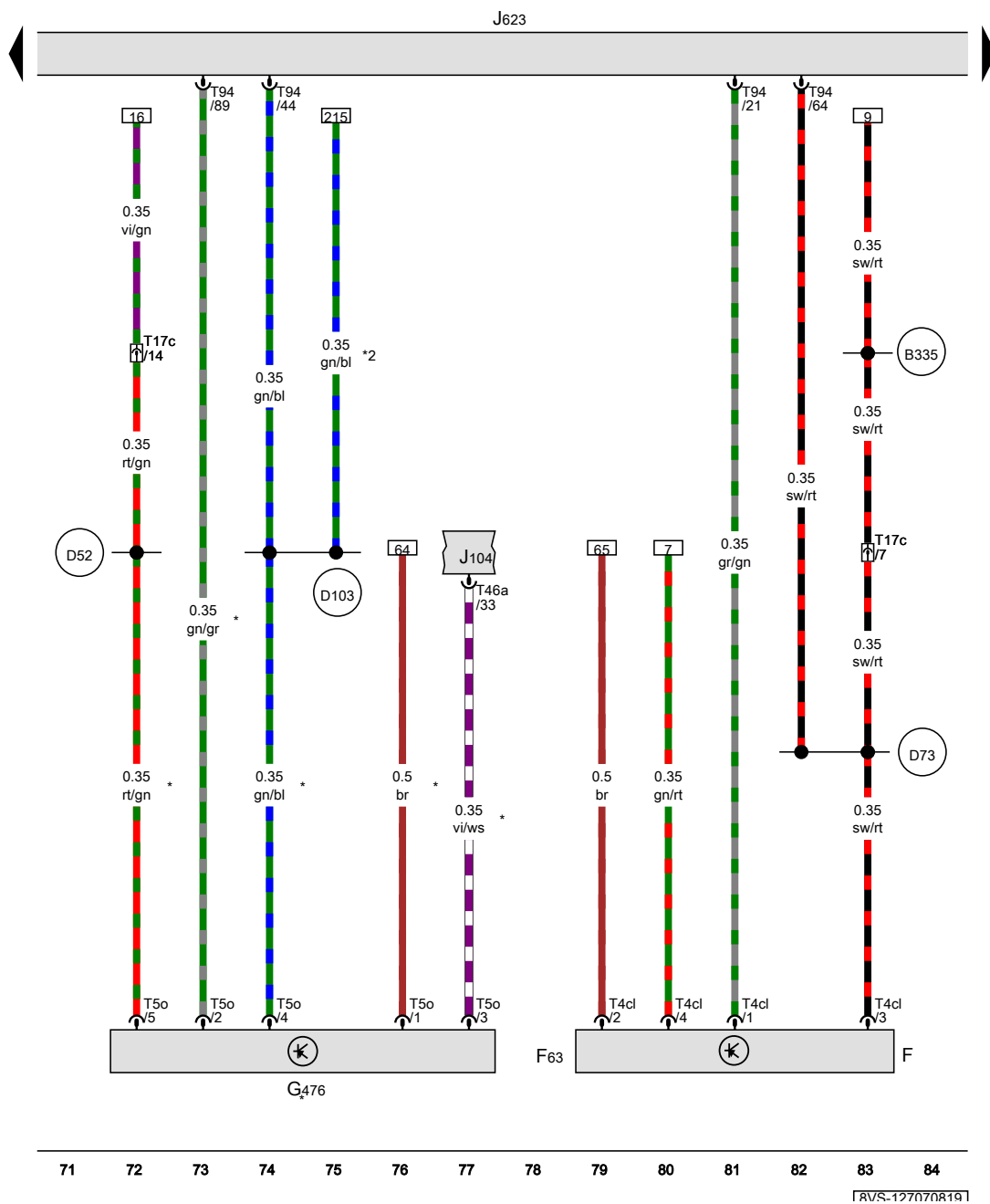


Oil level and oil temperature sender, Engine/motor control unit

- G266 Oil level and oil temperature sender
- J623 Engine/motor control unit
- T3ag 3-pin connector, black
- T10b 10-pin connector, black
- T17b 17-pin connector, brown
- T94 94-pin connector, black

- 85 Earth connection 1, in engine compartment wiring harness
- 131 Earth connection 2, in engine compartment wiring harness
- 419 Earth connection 11, in engine compartment wiring harness
- B466 Connection 2, in main wiring harness
- D102 Connection 2 in engine compartment wiring harness

- * see applicable current flow diagram for battery in engine compartment
- *2 For models with manual gearbox
- *3 gradual introduction
- *4 Gradually discontinued

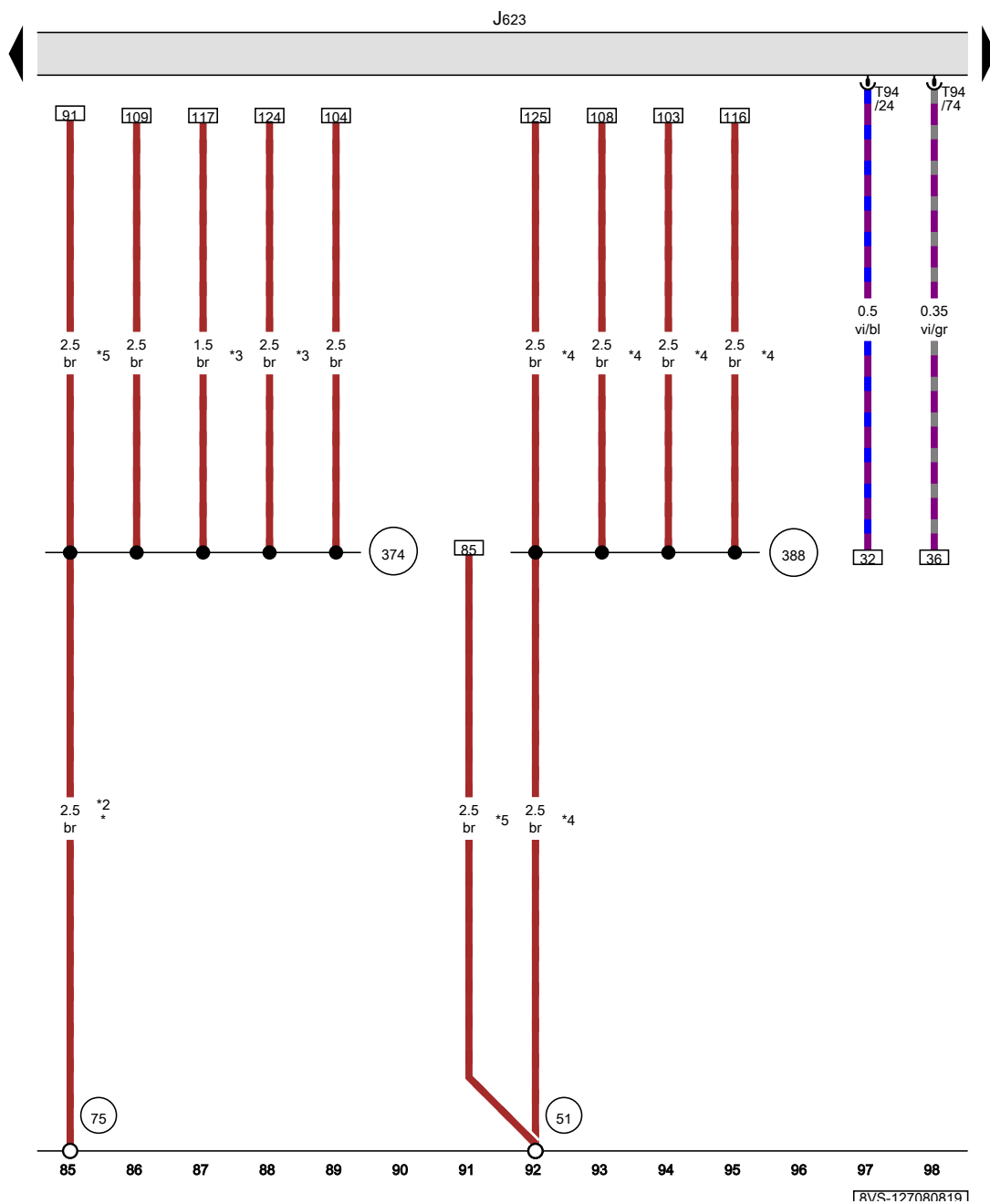


Brake light switch, Brake pedal switch, Clutch position sender, Engine/motor control unit

- F Brake light switch
- F63 Brake pedal switch
- G476 Clutch position sender
- J104 ABS control unit
- J623 Engine/motor control unit
- T4cl 4-pin connector, black
- T5o 5-pin connector, black
- T17c 17-pin connector, red
- T46a 46-pin connector, black
- T94 94-pin connector, black

- B335 Connection 1 (54), in main wiring harness
- D52 Positive connection (15a), in engine compartment wiring harness
- D73 Positive connection (54), in engine compartment wiring harness
- D103 Connection 3 in engine compartment wiring harness
- * For models with manual gearbox
- *2 For models with dual clutch gearbox

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



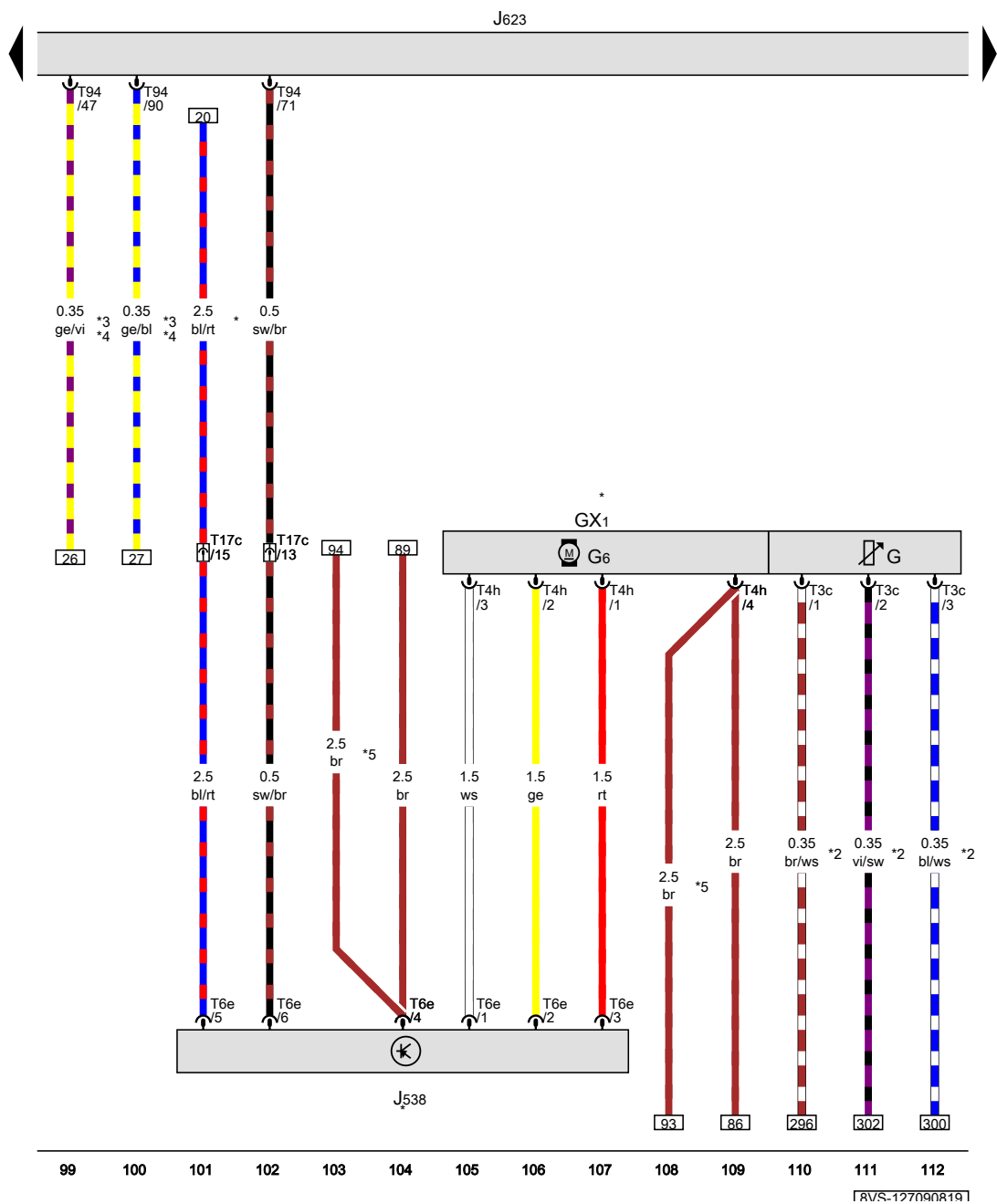
Engine/motor control unit

- J623 Engine/motor control unit
- T94 94-pin connector, black
- 51 Earth point, on right in luggage compartment
- 75 Earth point, rear right pillar
- 374 Earth connection 9, in main wiring harness
- 388 Earth connection 23, in main wiring harness
- * For models with 3 doors
- *2 For models with 5 doors
- *3 For models with no auxiliary heater
- *4 For Cabriolet models
- *5 For models with 4 doors

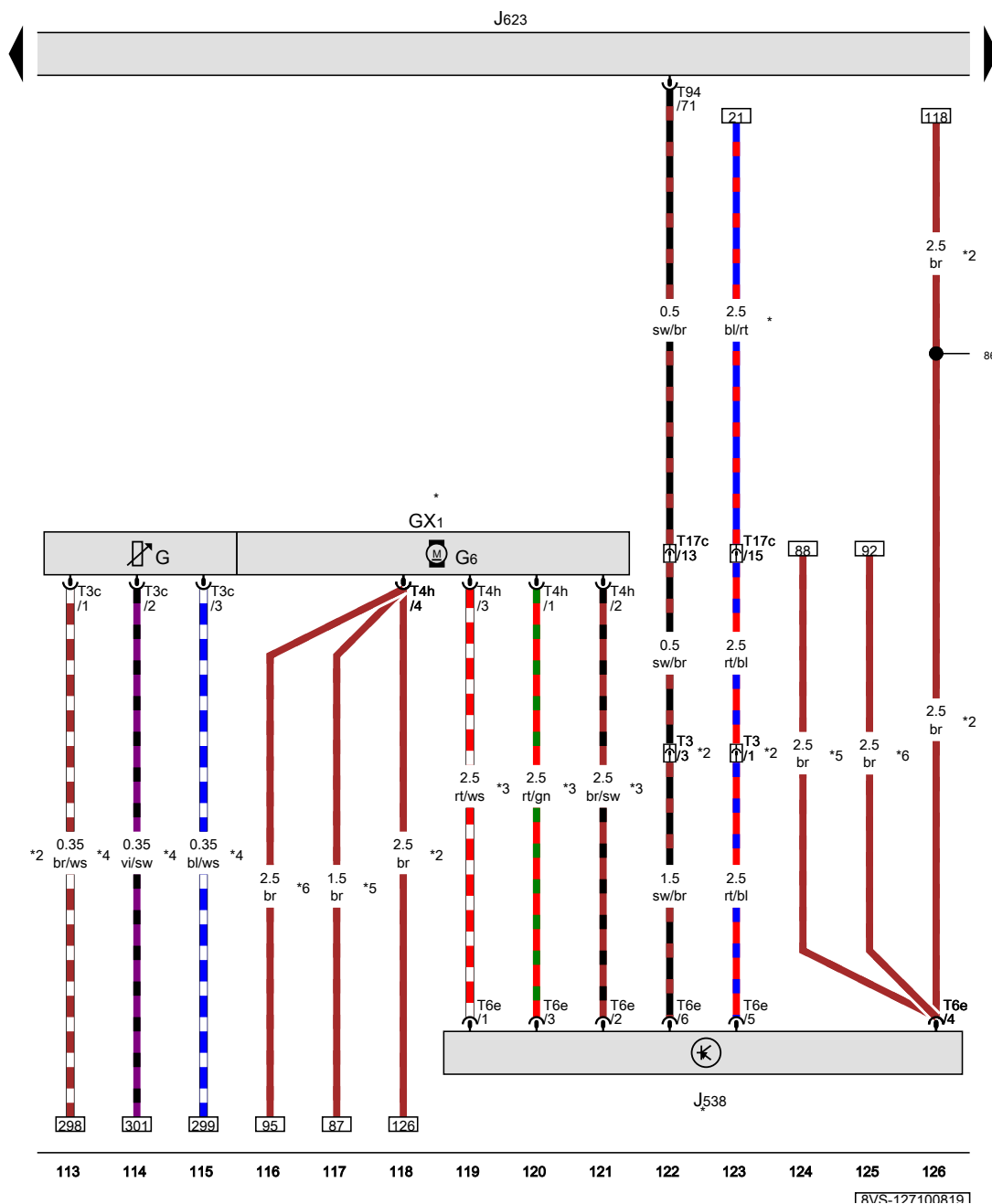
ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

Fuel gauge sender, Fuel delivery unit, Fuel system pressurisation pump, Fuel pump control unit, Engine/motor control unit

- G Fuel gauge sender
- GX1 Fuel delivery unit
- G6 Fuel system pressurisation pump
- J538 Fuel pump control unit
- J623 Engine/motor control unit
- T3c 3-pin connector, black
- T4h 4-pin connector, black
- T6e 6-pin connector, black
- T17c 17-pin connector, red
- T94 94-pin connector, black
- * For models with front-wheel drive
- *2 see applicable current flow diagram for fuel system
- *3 For models with auxiliary air heater
- *4 see applicable current flow diagram
- *5 For Cabriolet models



Fuel gauge sender, Fuel delivery unit, Fuel system pressurisation pump, Fuel pump control unit, Engine/motor control unit

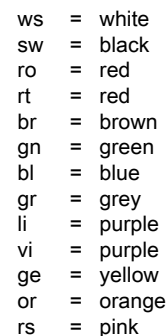


- G Fuel gauge sender
- GX1 Fuel delivery unit
- G6 Fuel system pressurisation pump
- J538 Fuel pump control unit
- J623 Engine/motor control unit
- T3 3-pin connector, black
- T3c 3-pin connector, black
- T4h 4-pin connector, black
- T6e 6-pin connector, black
- T17c 17-pin connector, red
- T94 94-pin connector, black

86 Earth connection 1, in rear wiring harness

- * For models with all-wheel drive
- *2 For models with auxiliary heating
- *3 Wiring colour depends on equipment
- *4 see applicable current flow diagram for fuel system
- *5 For models with no auxiliary heater
- *6 For Cabriolet models

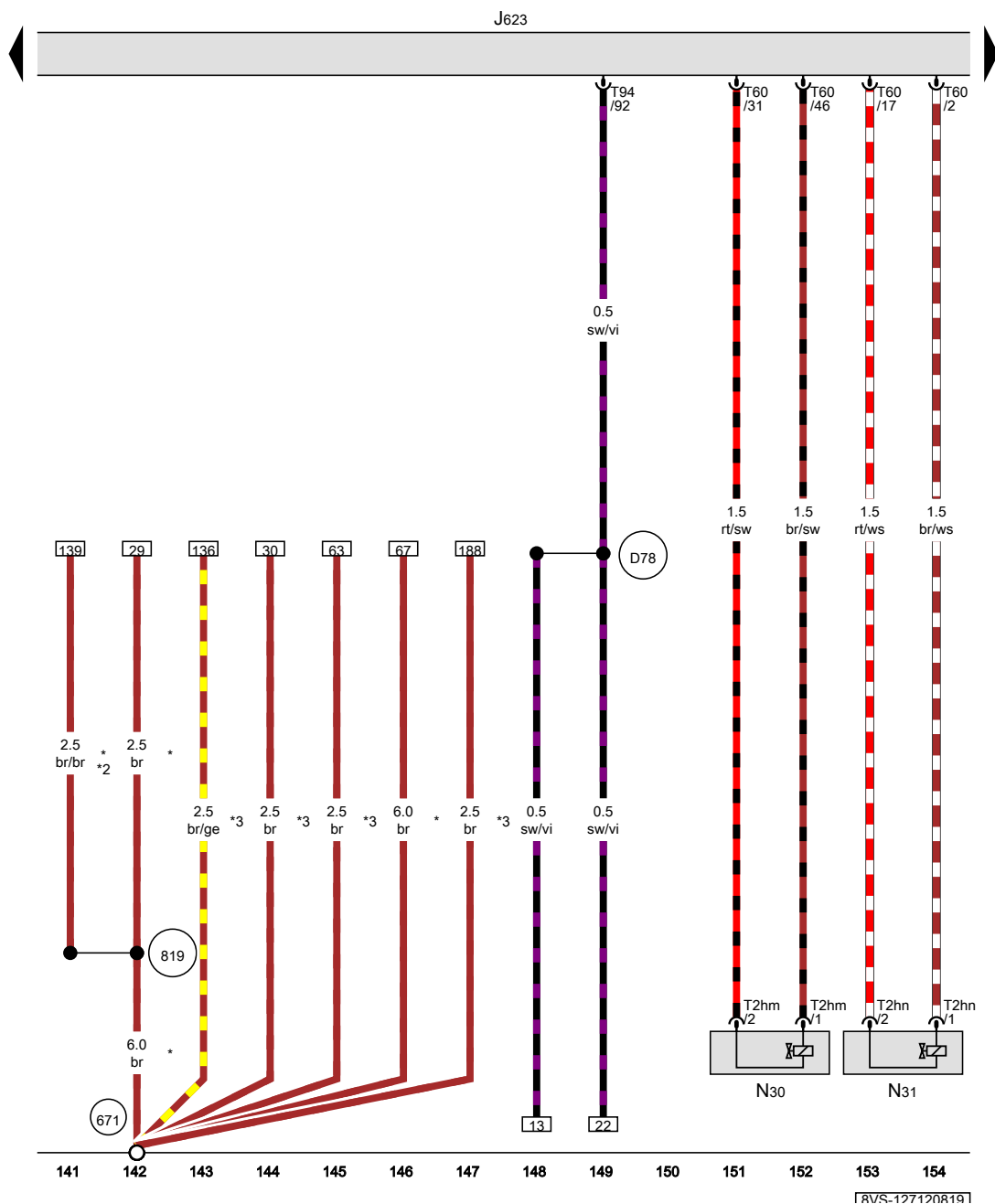
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 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



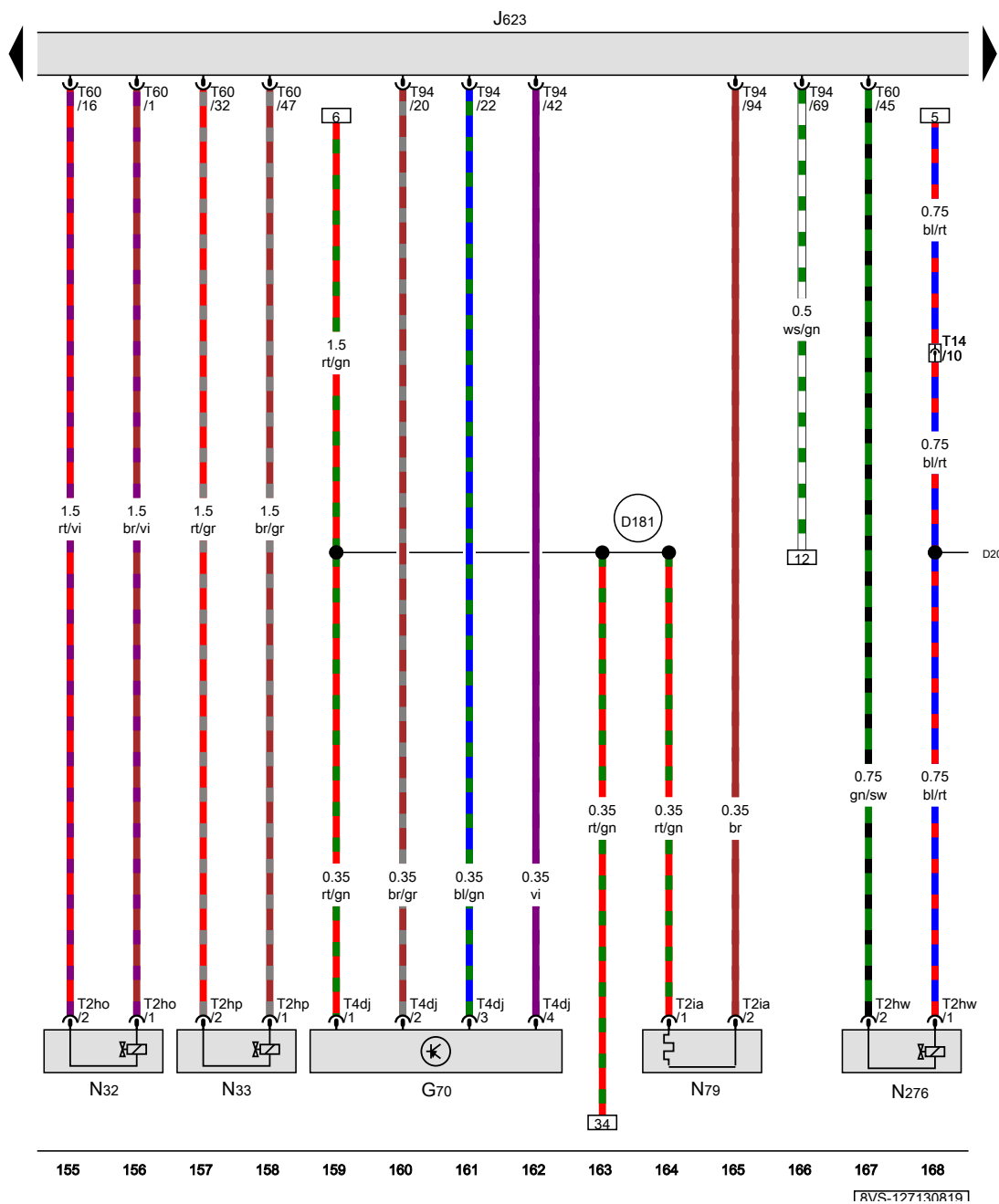
J623 Engine/motor control unit
T3 3-pin connector, black
T94 94-pin connector, black

57	Earth point, rear left pillar
86	Earth connection 1, in rear wiring harness
209	Earth connection 6, in engine compartment wiring harness
369	Earth connection 4, in main wiring harness
370	Earth connection 5, in main wiring harness
373	Earth connection 8, in main wiring harness
384	Earth connection 19, in main wiring harness
639	Earth point, left A-pillar
684	Earth point on front of left side member
D183	Connection 4 (87a), in engine compartment wiring harness
*	For models with auxiliary heating
*2	Wiring colour depends on equipment
*3	For models with 3 doors
*4	For right-hand drive models
*5	For left-hand drive models
*6	For models with 5 doors
*7	For models with 4 doors
*8	gradual introduction
*9	Different wire colour possible
*10	Gradually discontinued

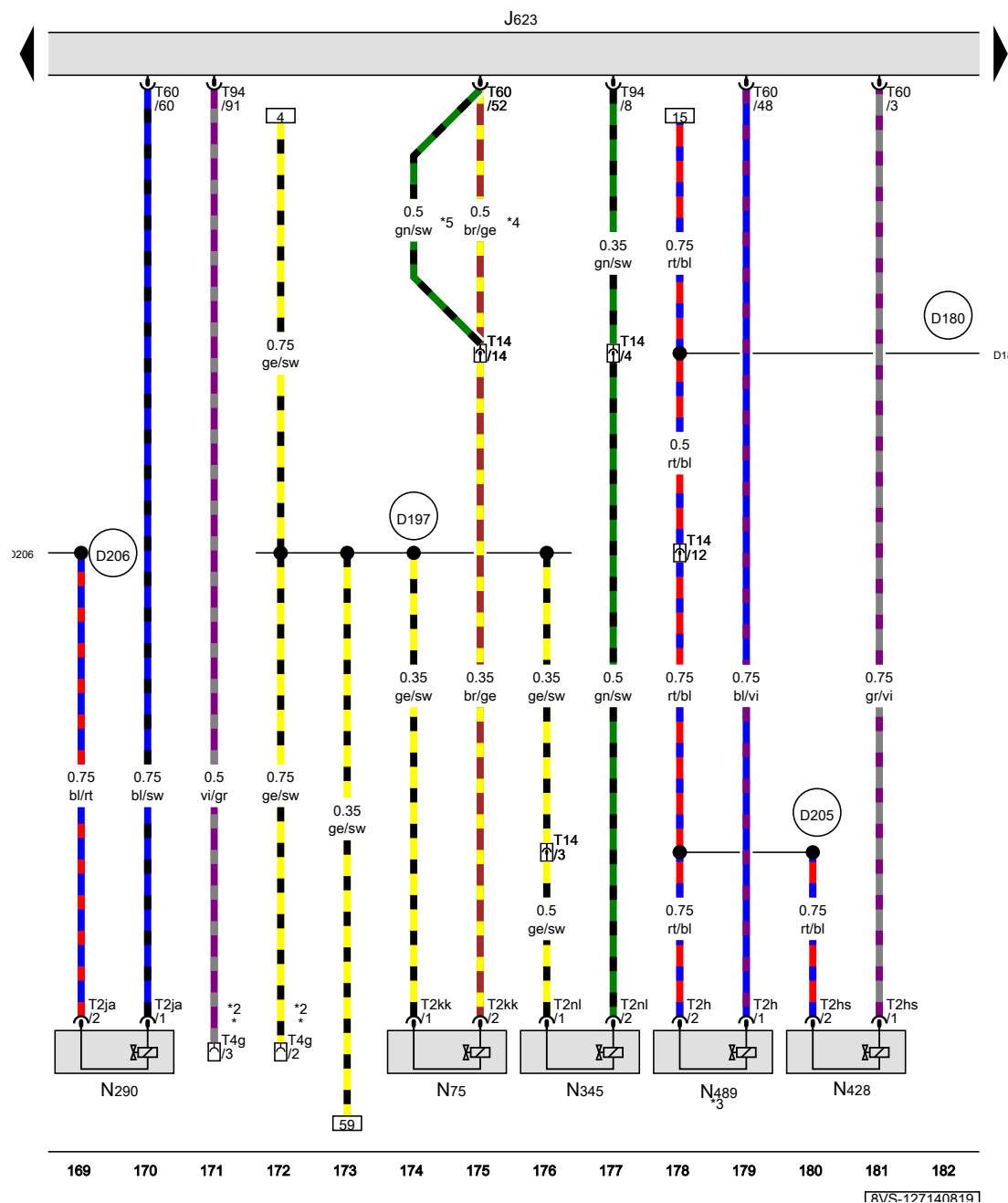
Engine/motor control unit, Injector, cylinder 1, Injector, cylinder 2



Air mass meter, Engine/motor control unit, Injector, cylinder 3, Injector, cylinder 4, Heater element for crankcase breather, Fuel pressure regulating valve

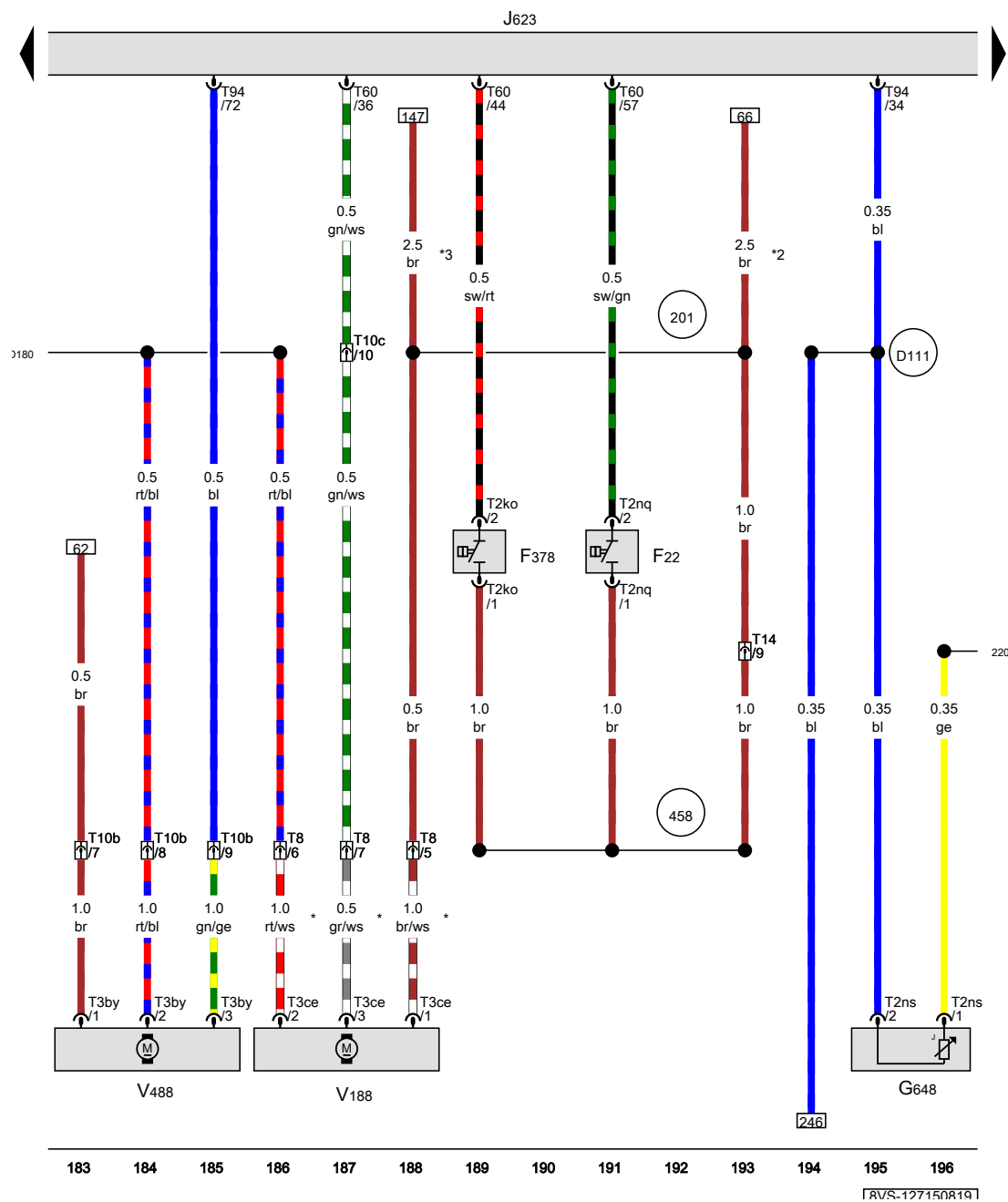


- G70 Air mass meter
- J623 Engine/motor control unit
- N32 Injector, cylinder 3
- N33 Injector, cylinder 4
- N79 Heater element for crankcase breather
- N276 Fuel pressure regulating valve
- T2ho 2-pin connector, black
- T2hp 2-pin connector, black
- T2hw 2-pin connector, black
- T2ia 2-pin connector, black
- T4dj 4-pin connector, black
- T14 14-pin connector, grey
- T60 60-pin connector, black
- T94 94-pin connector, black
- D181 Connection 2 (87a), in engine compartment wiring harness
- D206 Connection 4 (87a) in engine prewiring harness



Engine/motor control unit, Charge pressure control solenoid valve, Fuel metering valve, Exhaust gas recirculation cooler changeover valve, Valve for oil pressure control, Coolant valve for cylinder head

- J623 Engine/motor control unit
- N75 Charge pressure control solenoid valve
- N290 Fuel metering valve
- N345 Exhaust gas recirculation cooler changeover valve
- N428 Valve for oil pressure control
- N489 Coolant valve for cylinder head
- T2h 2-pin connector, black
- T2hs 2-pin connector, black
- T2ja 2-pin connector, black
- T2kk 2-pin connector, black
- T2nl 2-pin connector, black
- T4g 4-pin connector, black
- T14 14-pin connector, grey
- T60 60-pin connector, black
- T94 94-pin connector, black
- D180 Connection (87a), in engine compartment wiring harness
- D197 Connection 5 (87a), in engine compartment wiring harness
- D205 Connection 3 (87a) in engine prewiring harness
- D206 Connection 4 (87a) in engine prewiring harness
- * Radiator fan connection
- *2 see applicable current flow diagram for radiator fan
- *3 Pre-wired component
- *4 Gradually discontinued
- *5 gradual introduction



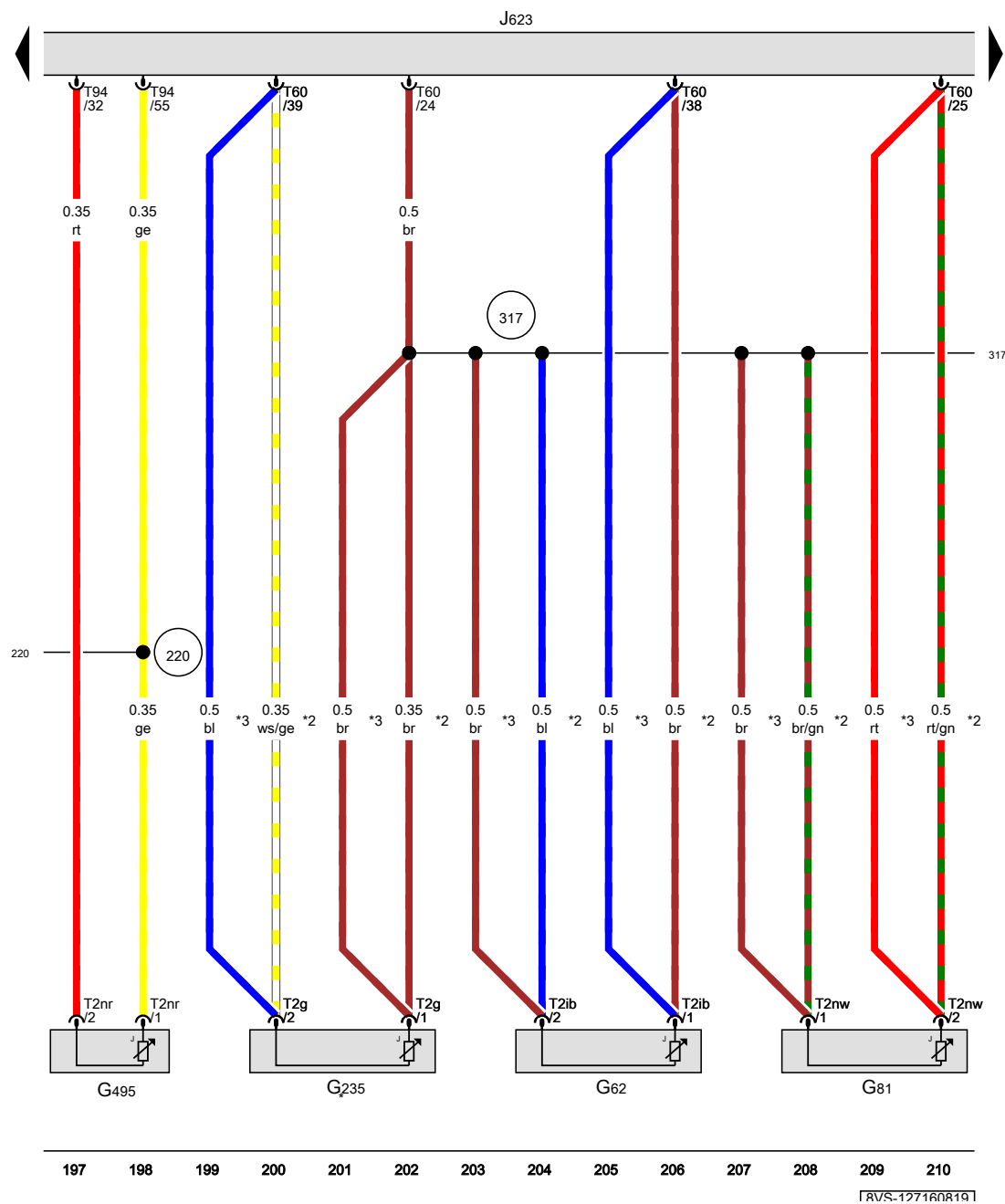
Oil pressure switch, Oil pressure switch for reduced oil pressure, Exhaust gas temperature sender 4, Engine/motor control unit, Charge air cooling pump, Auxiliary pump for heating

- F22 Oil pressure switch
- F378 Oil pressure switch for reduced oil pressure
- G648 Exhaust gas temperature sender 4
- J623 Engine/motor control unit
- T2ko 2-pin connector, black
- T2nq 2-pin connector, black
- T2ns 2-pin connector, black
- T3by 3-pin connector, black
- T3ce 3-pin connector, black
- T8 8-pin connector, black
- T10b 10-pin connector, black
- T10c 10-pin connector, black
- T14 14-pin connector, grey
- T60 60-pin connector, black
- T94 94-pin connector, black
- V188 Charge air cooling pump
- V488 Auxiliary pump for heating

- 201 Earth connection 5, in engine compartment wiring harness
- 220 Earth connection (sender earth), in engine wiring harness
- 458 Earth point 3, engine prewiring harness
- D111 Connection 9 in engine compartment wiring harness
- D180 Connection (87a), in engine compartment wiring harness

- * Wiring colour depends on equipment
- *2 gradual introduction
- *3 Gradually discontinued

ws = white
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 ro = red
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 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



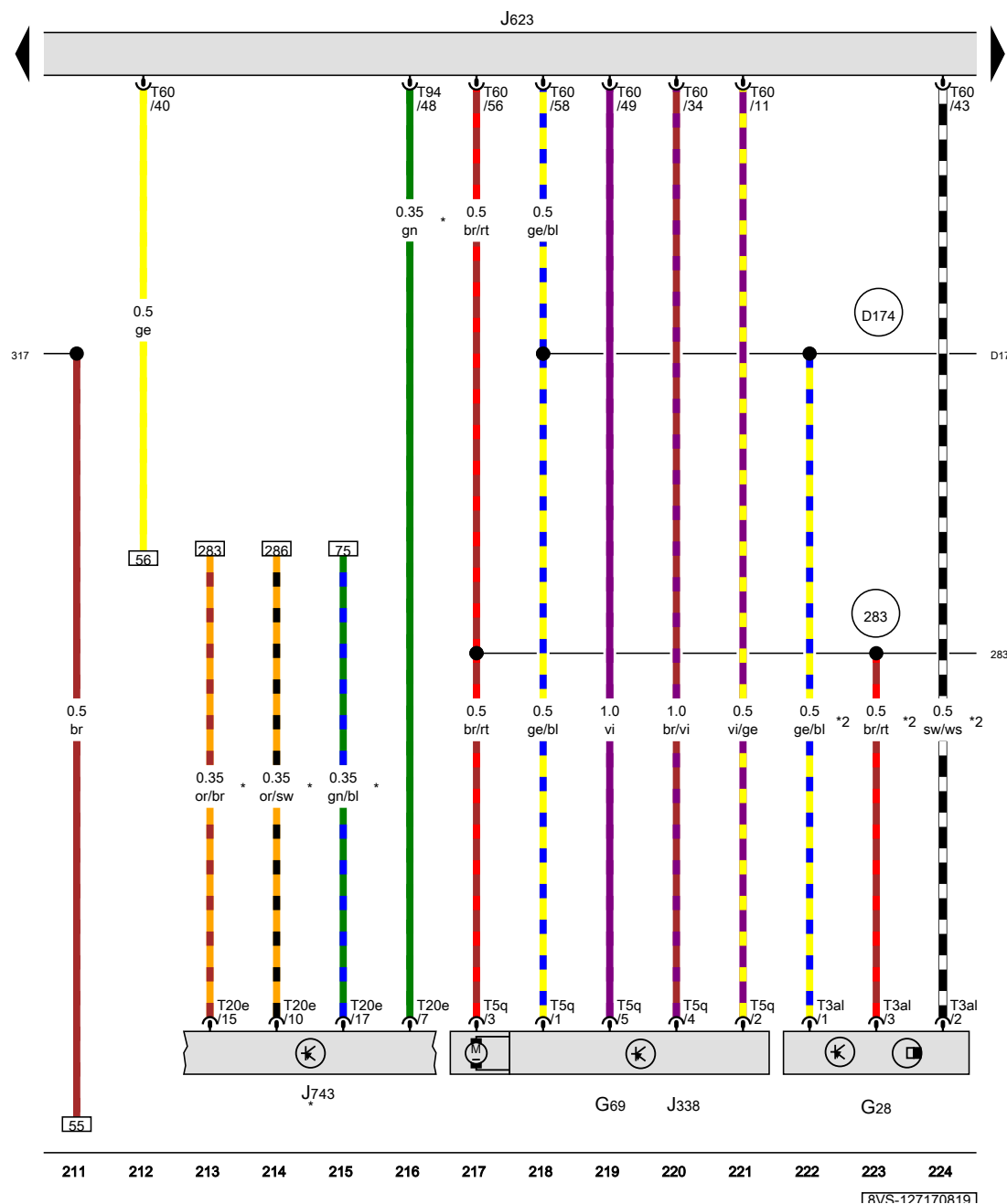
Coolant temperature sender, Fuel temperature sender, Exhaust gas temperature sender 1, Exhaust gas temperature sender 3, Engine/motor control unit

- G62 Coolant temperature sender
- G81 Fuel temperature sender
- G235 Exhaust gas temperature sender 1
- G495 Exhaust gas temperature sender 3
- J623 Engine/motor control unit
- T2g 2-pin connector, black
- T2ib 2-pin connector, black
- T2nr 2-pin connector, black
- T2nw 2-pin connector, black
- T60 60-pin connector, black
- T94 94-pin connector, black

220 Earth connection (sender earth), in engine wiring harness

317 Earth connection 7, in engine compartment wiring harness

- * Pre-wired component
- *2 Gradually discontinued
- *3 gradual introduction



Engine speed sender, Throttle valve potentiometer, Throttle valve module, Engine/motor control unit, Mechatronic unit for dual clutch gearbox

- G28 Engine speed sender
- G69 Throttle valve potentiometer
- J338 Throttle valve module
- J623 Engine/motor control unit
- J743 Mechatronic unit for dual clutch gearbox
- T3al 3-pin connector, black
- T5q 5-pin connector, black
- T20e 20-pin connector, black
- T60 60-pin connector, black
- T94 94-pin connector, black

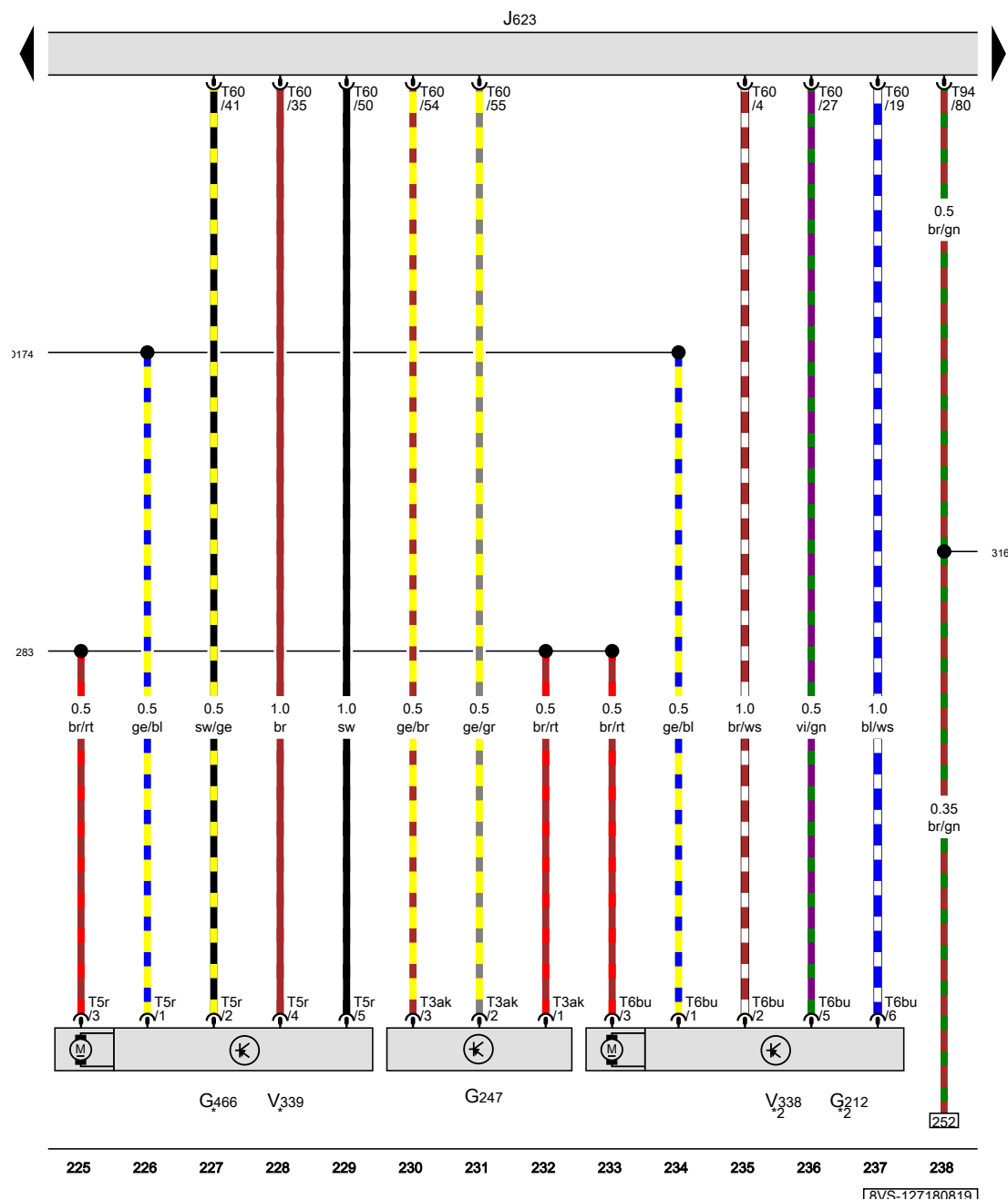
283 Earth point 2, engine prewiring harness

317 Earth connection 7, in engine compartment wiring harness

D174 Connection 2 (5V) in engine prewiring harness

* For models with dual clutch gearbox

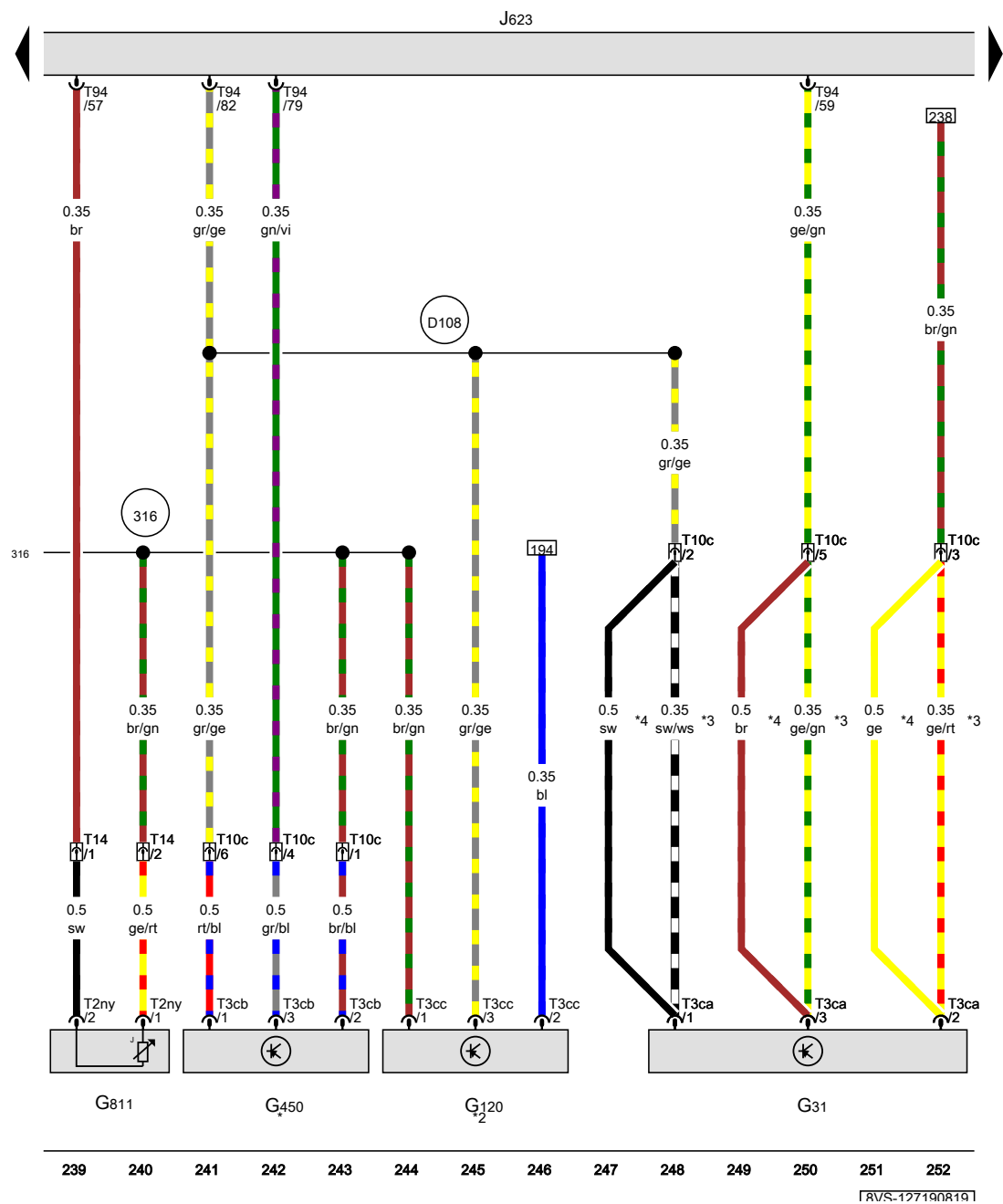
*2 Wiring colour depends on equipment



Fuel pressure sender, Exhaust gas recirculation potentiometer 2, Engine/motor control unit, Exhaust gas recirculation control motor, Exhaust gas recirculation control motor 2

- G212 Exhaust gas recirculation potentiometer
- G247 Fuel pressure sender
- G466 Exhaust gas recirculation potentiometer 2
- J623 Engine/motor control unit
- T3ak 3-pin connector, black
- T5r 5-pin connector, black
- T6bu 6-pin connector, black
- T60 60-pin connector, black
- T94 94-pin connector, black
- V338 Exhaust gas recirculation control motor
- V339 Exhaust gas recirculation control motor 2

- 283 Earth point 2, engine prewiring harness
- 316 Earth connection (sender earth 2) in engine wiring harness
- D174 Connection 2 (5V) in engine prewiring harness
- * Not for models with Euro 4 emission standard
- *2 Not for models with Euro 5 emission standard



Charge pressure sender, Water level sender, Exhaust gas pressure sensor 1, Charge air temperature sender after charge air cooler, Engine/motor control unit

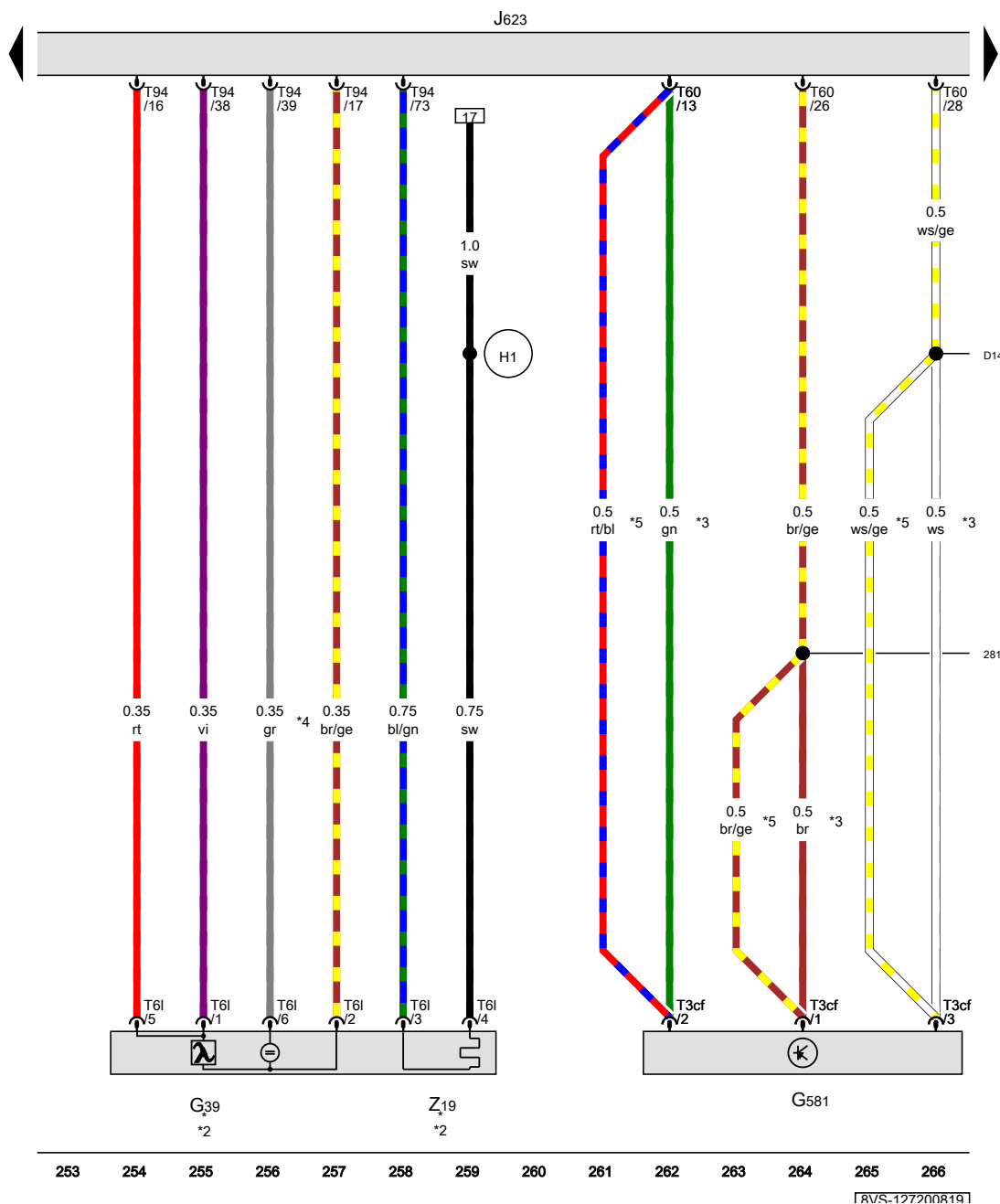
- G31 Charge pressure sender
- G120 Water level sender
- G450 Exhaust gas pressure sensor 1
- G811 Charge air temperature sender after charge air cooler
- J623 Engine/motor control unit
- T2ny 2-pin connector, black
- T3ca 3-pin connector, black
- T3cb 3-pin connector, black
- T3cc 3-pin connector, black
- T10c 10-pin connector, black
- T14 14-pin connector, grey
- T94 94-pin connector, black

316 Earth connection (sender earth 2) in engine wiring harness

D108 Connection 6 in engine compartment wiring harness

- * If fitted
- *2 For models with Euro 4 emission standard
- *3 gradual introduction
- *4 Gradually discontinued

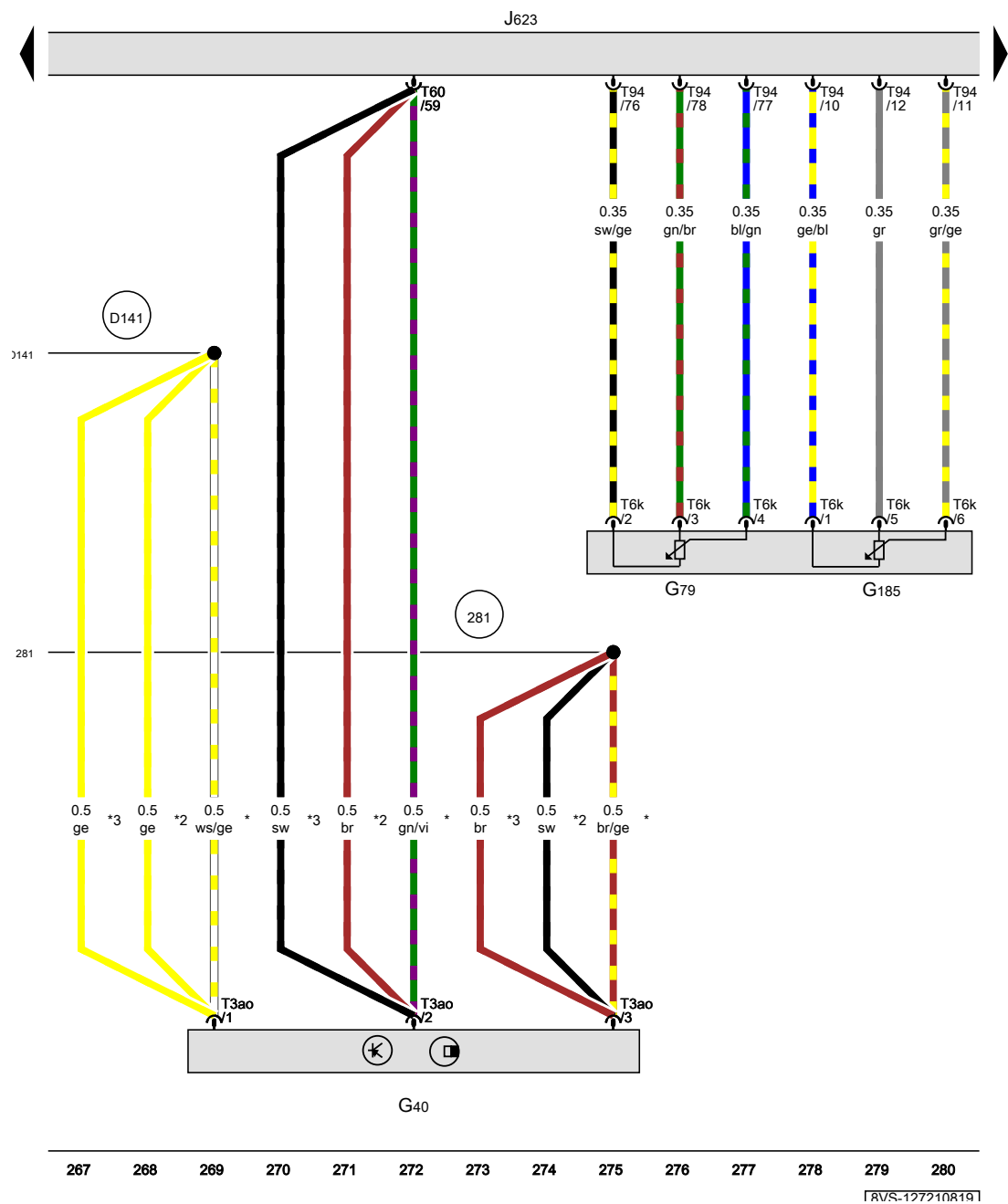
Lambda probe, Position sender for charge pressure positioner, Engine/motor control unit, Lambda probe heater



- G39 Lambda probe
- G581 Position sender for charge pressure positioner
- J623 Engine/motor control unit
- T3cf 3-pin connector, black
- T6I 6-pin connector, black
- T60 60-pin connector, black
- T94 94-pin connector, black
- Z19 Lambda probe heater

- 281 Earth point 1, engine prewiring harness
- D141 Connection (5V) in engine prewiring harness
- H1 Positive connection, in Lambda wiring harness

- * For models with Euro 5 emission standard
- *2 Pre-wired component
- *3 Gradually discontinued
- *4 Wiring colour depends on equipment
- *5 gradual introduction



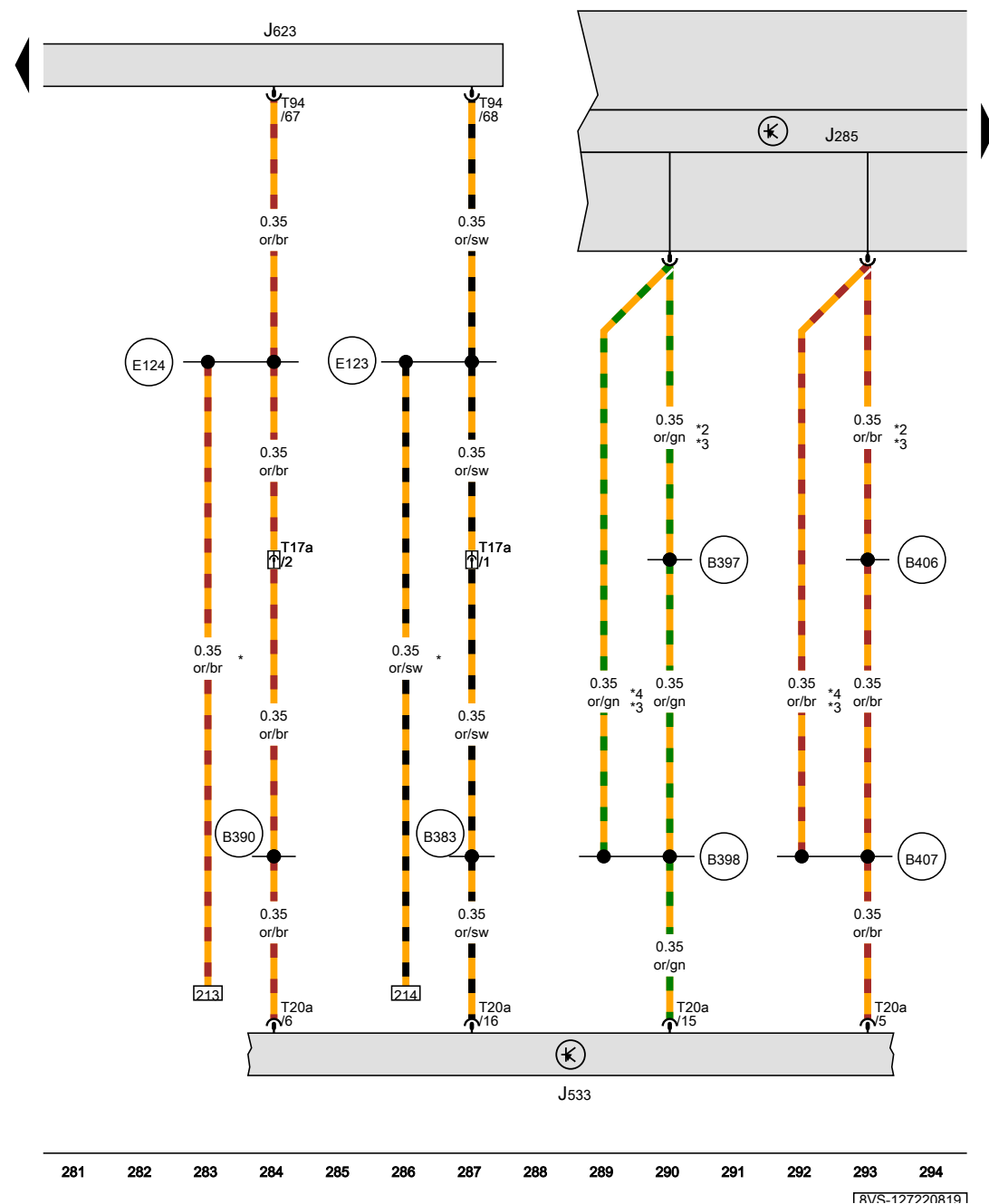
Hall sender, Accelerator position sender, Accelerator position sender 2, Engine/motor control unit

- G40 Hall sender
- G79 Accelerator position sender
- G185 Accelerator position sender 2
- J623 Engine/motor control unit
- T3ao 3-pin connector, black
- T6k 6-pin connector, black
- T60 60-pin connector, black
- T94 94-pin connector, black

281 Earth point 1, engine prewiring harness

D141 Connection (5V) in engine prewiring harness

- * Version 3
- *2 Version 2
- *3 Version 1

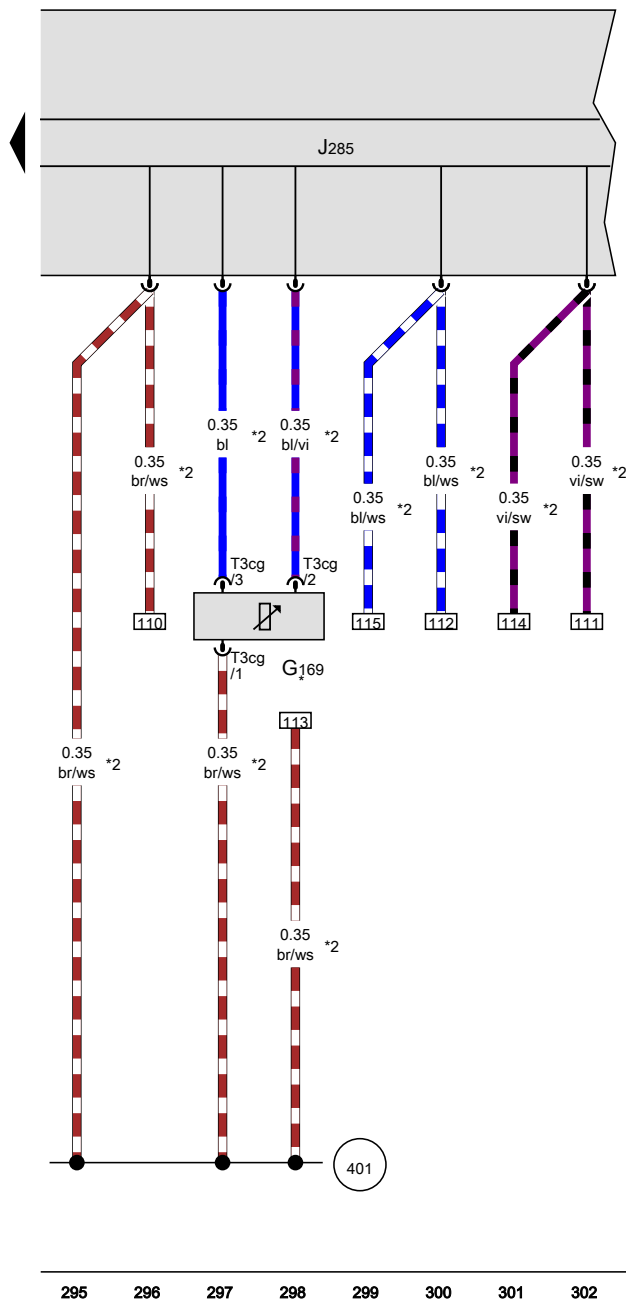


Control unit in dash panel insert, Data bus diagnostic interface, Engine/motor control unit

- J285 Control unit in dash panel insert
- J533 Data bus diagnostic interface
- J623 Engine/motor control unit
- T17a 17-pin connector, black
- T20a 20-pin connector, red
- T94 94-pin connector, black
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness
- E123 Connection 1 (powertrain CAN bus, high), in engine wiring harness
- E124 Connection 1 (powertrain CAN bus, low), in engine wiring harness
- * For models with dual clutch gearbox
- *2 For left-hand drive models
- *3 see applicable current flow diagram for dash panel insert
- *4 For right-hand drive models

Fuel gauge sender 2, Control unit in dash panel insert

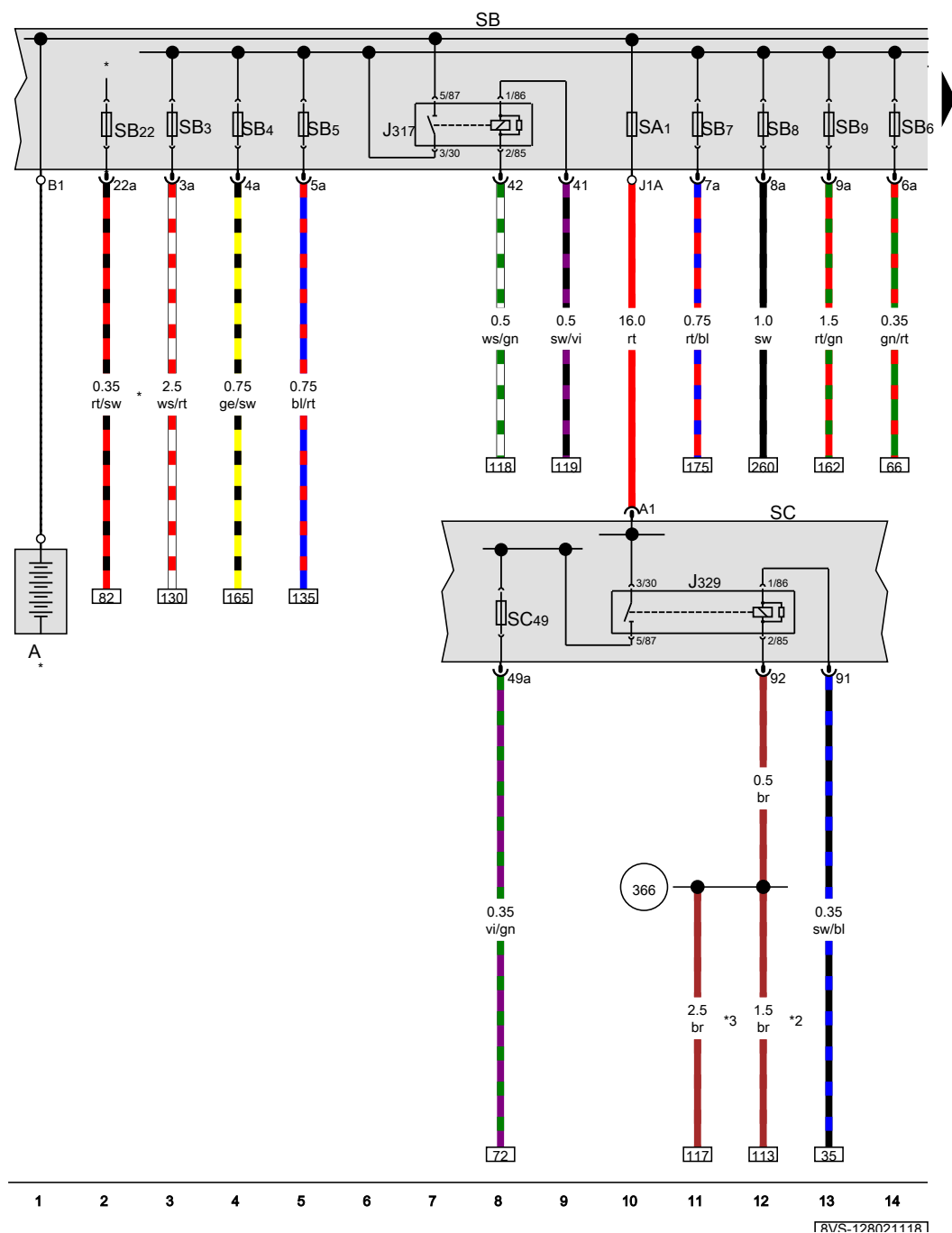
- G169 Fuel gauge sender 2
 J285 Control unit in dash panel insert
 T3cg 3-pin connector, black
 401 Earth connection (sender earth), in interior wiring harness
 * For models with all-wheel drive
 *2 see applicable current flow diagram for fuel system



- ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

2.0l diesel engine , CRLB,CRLC,CUNA,DCYA,DGCA

From May 2015



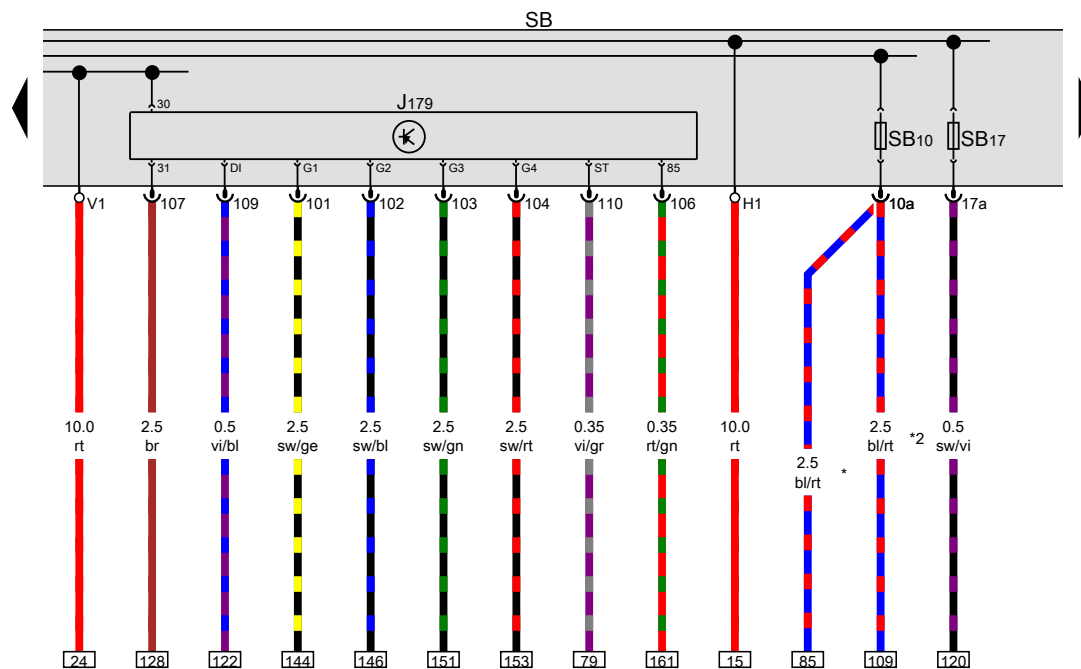
Terminal 30 voltage supply relay, Terminal 15 voltage supply relay, Fuse 8 on fuse holder B, Fuse holder C

- A Battery
- J317 Terminal 30 voltage supply relay
- J329 Terminal 15 voltage supply relay
- SA1 Fuse 1 on fuse holder A
- SB Fuse holder B
- SB3 Fuse 3 on fuse holder B
- SB4 Fuse 4 on fuse holder B
- SB5 Fuse 5 on fuse holder B
- SB6 Fuse 6 on fuse holder B
- SB7 Fuse 7 on fuse holder B
- SB8 Fuse 8 on fuse holder B
- SB9 Fuse 9 on fuse holder B
- SB22 Fuse 22 on fuse holder B
- SC Fuse holder C
- SC49 Fuse 49 on fuse holder C

366 Earth connection 1, in main wiring harness

- * see applicable current flow diagram for battery in engine compartment
- *2 For right-hand drive models
- *3 For left-hand drive models

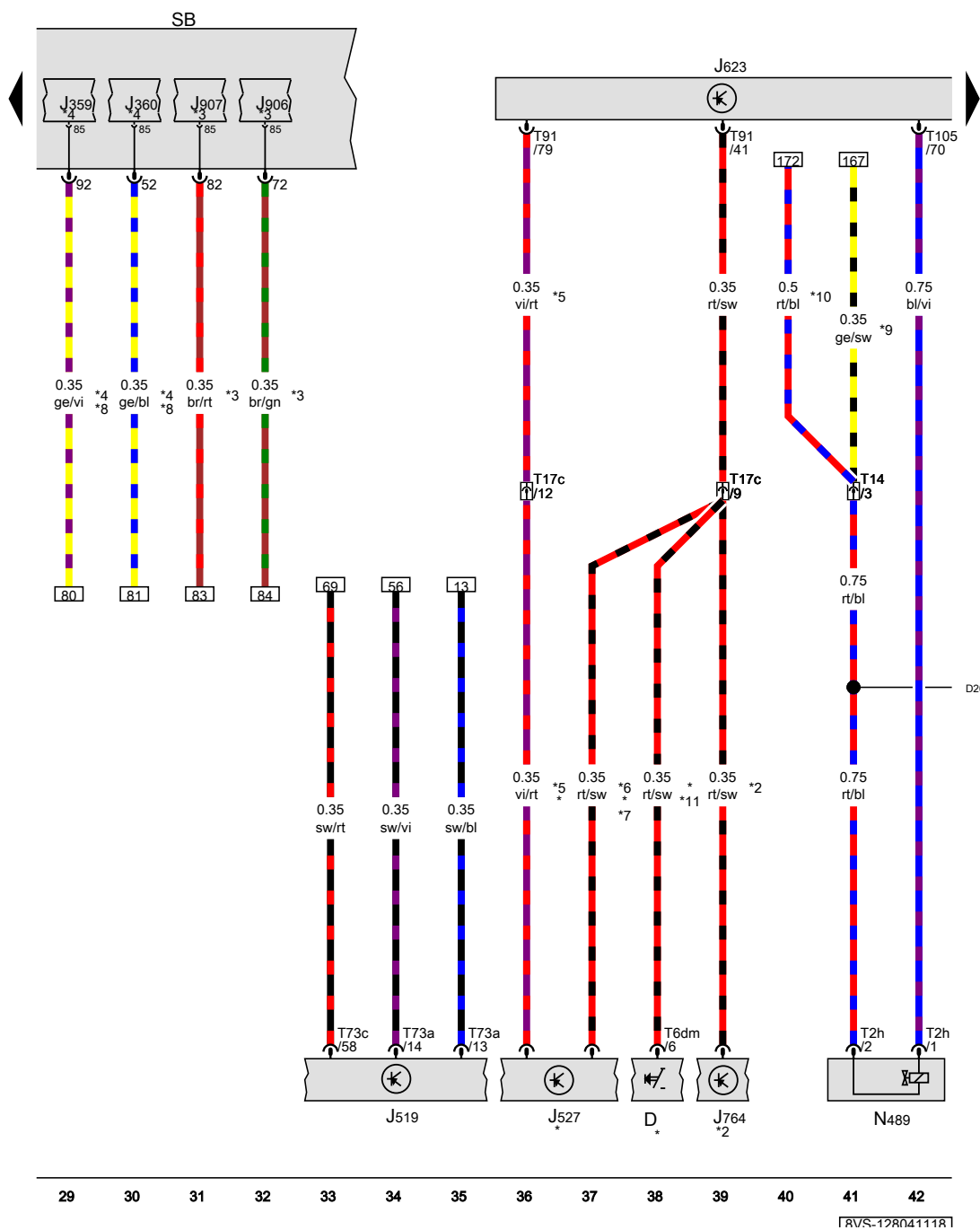
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Automatic glow period control unit

- J179 Automatic glow period control unit
- SB Fuse holder B
- SB10 Fuse 10 on fuse holder B
- SB17 Fuse 17 on fuse holder B
- * For models with front-wheel drive
- *2 For models with all-wheel drive

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
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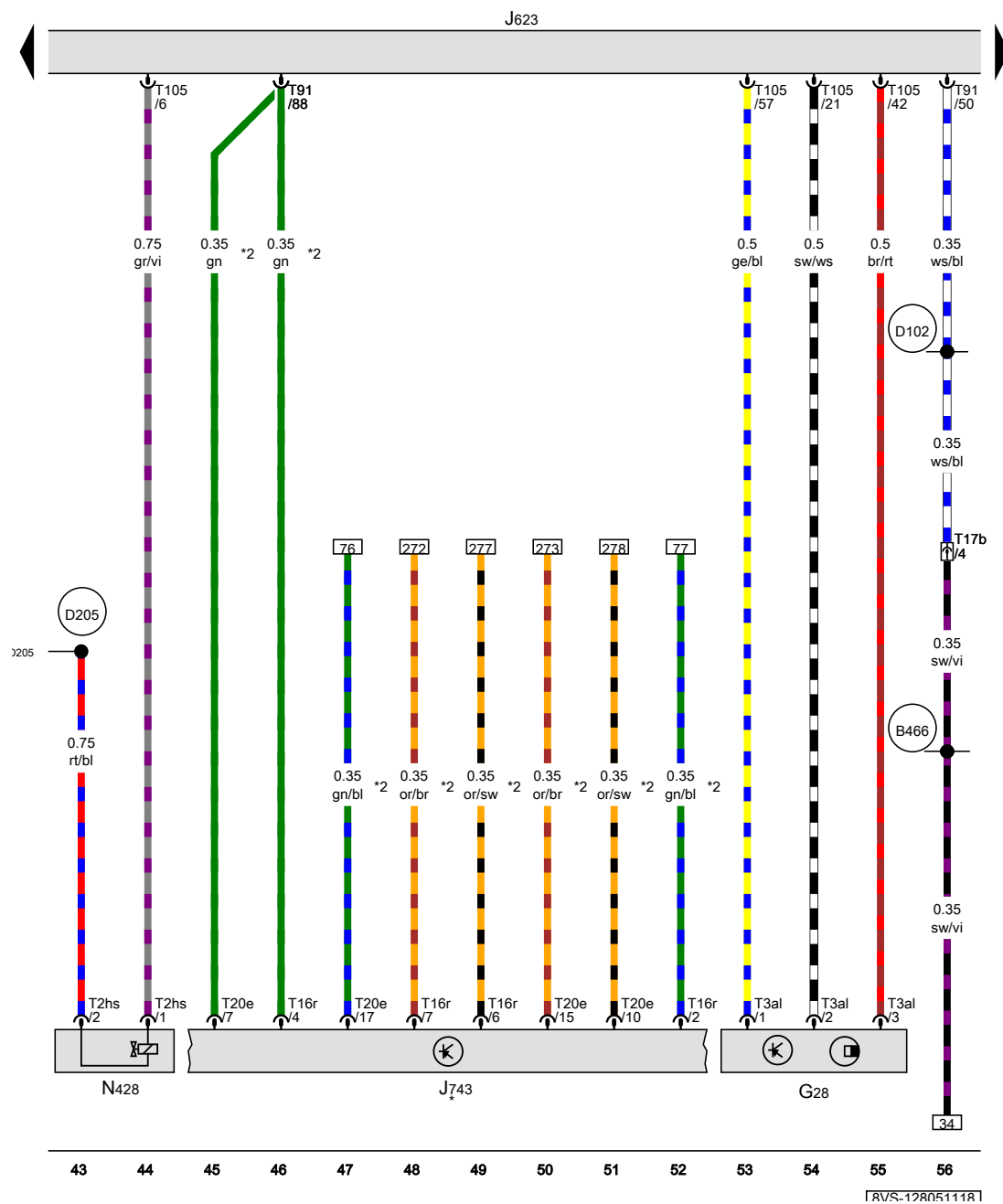
Low heat output relay, High heat output relay, Onboard supply control unit, Steering column electronics control unit, Engine/motor control unit, Coolant valve for cylinder head

- D Ignition/starter switch
- J359 Low heat output relay
- J360 High heat output relay
- J519 Onboard supply control unit
- J527 Steering column electronics control unit
- J623 Engine/motor control unit
- J764 Control unit for electronic steering column lock
- J906 Starter relay 1
- J907 Starter relay 2
- N489 Coolant valve for cylinder head
- SB Fuse holder B
- T2h 2-pin connector, black
- T6dm 6-pin connector, black
- T14 14-pin connector, grey
- T17c 17-pin connector, red
- T73a 73-pin connector, black
- T73c 73-pin connector, black
- T91 91-pin connector, black
- T105 105-pin connector, black

D205 Connection 3 (87a) in engine prewiring harness

- * see applicable current flow diagram for steering column electronics
- *2 see applicable current flow diagram for entry and start authorisation
- *3 see applicable current flow diagram for battery in engine compartment
- *4 For models with auxiliary air heater
- *5 For models with cruise control system (CCS)
- *6 For models with no entry and start authorisation
- *7 Up to June 2018
- *8 see applicable current flow diagram
- *9 Up to April 2016
- *10 From May 2016
- *11 From July 2018

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



Engine speed sender, Engine/motor control unit,
Mechatronic unit for dual clutch gearbox, Valve for oil
pressure control

- G28 Engine speed sender
- J623 Engine/motor control unit
- J743 Mechatronic unit for dual clutch gearbox
- N428 Valve for oil pressure control
- T2hs 2-pin connector, black
- T3al 3-pin connector, black
- T16r 16-pin connector, black
- T17b 17-pin connector, brown
- T20e 20-pin connector, black
- T91 91-pin connector, black
- T105 105-pin connector, black

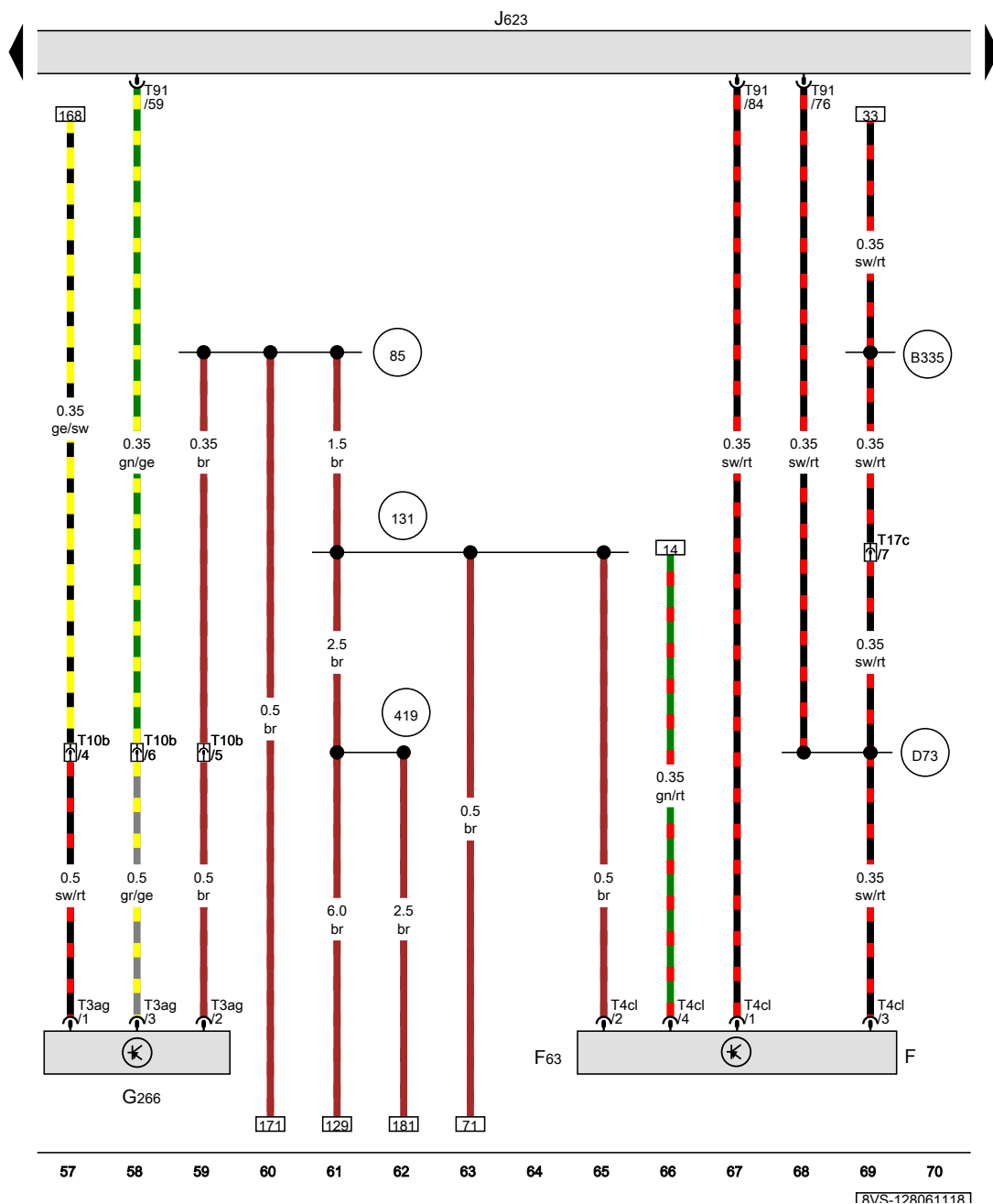
B466 Connection 2, in main wiring harness

D102 Connection 2 in engine compartment wiring harness

D205 Connection 3 (87a) in engine prewiring harness

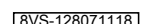
* For models with dual clutch gearbox

*2 According to equipment



Brake light switch, Brake pedal switch, Oil level and oil temperature sender, Engine/motor control unit

- F Brake light switch
- F63 Brake pedal switch
- G266 Oil level and oil temperature sender
- J623 Engine/motor control unit
- T3ag 3-pin connector, black
- T4cl 4-pin connector, black
- T10b 10-pin connector, black
- T17c 17-pin connector, red
- T91 91-pin connector, black
- 85 Earth connection 1, in engine compartment wiring harness
- 131 Earth connection 2, in engine compartment wiring harness
- 419 Earth connection 11, in engine compartment wiring harness
- B335 Connection 1 (54), in main wiring harness
- D73 Positive connection (54), in engine compartment wiring harness

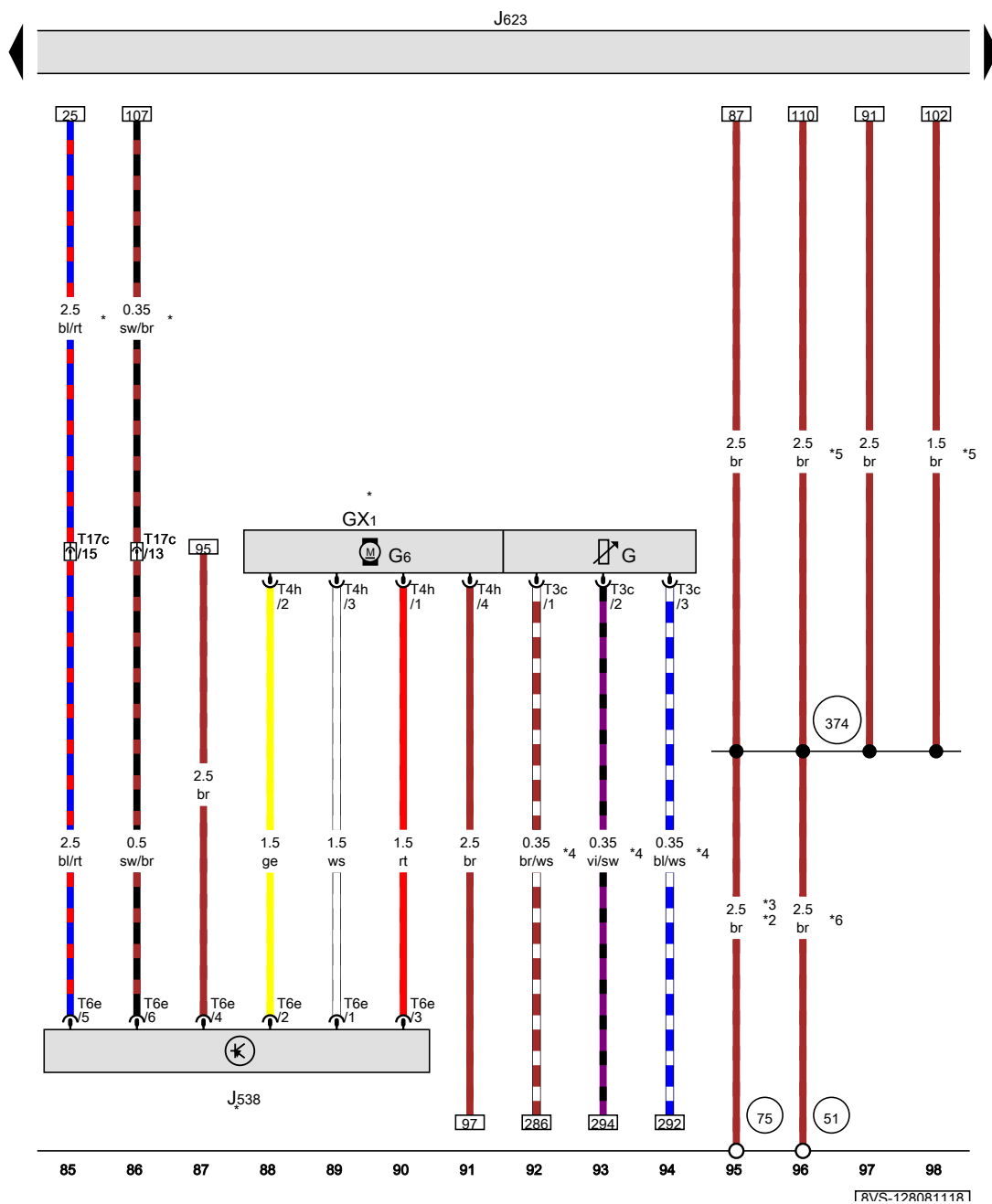


G476	Clutch position sender
J104	ABS control unit
J623	Engine/motor control unit
T5o	5-pin connector, black
T17c	17-pin connector, red
T46a	46-pin connector, black
T91	91-pin connector, black

- D103** Connection 3 in engine compartment wiring harness

- * For models with manual gearbox
- *2 see applicable current flow diagram for battery in engine compartment
- *3 For models with auxiliary air heater
- *4 see applicable current flow diagram
- *5 According to equipment

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sw = black
ro = red
rt = red
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bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
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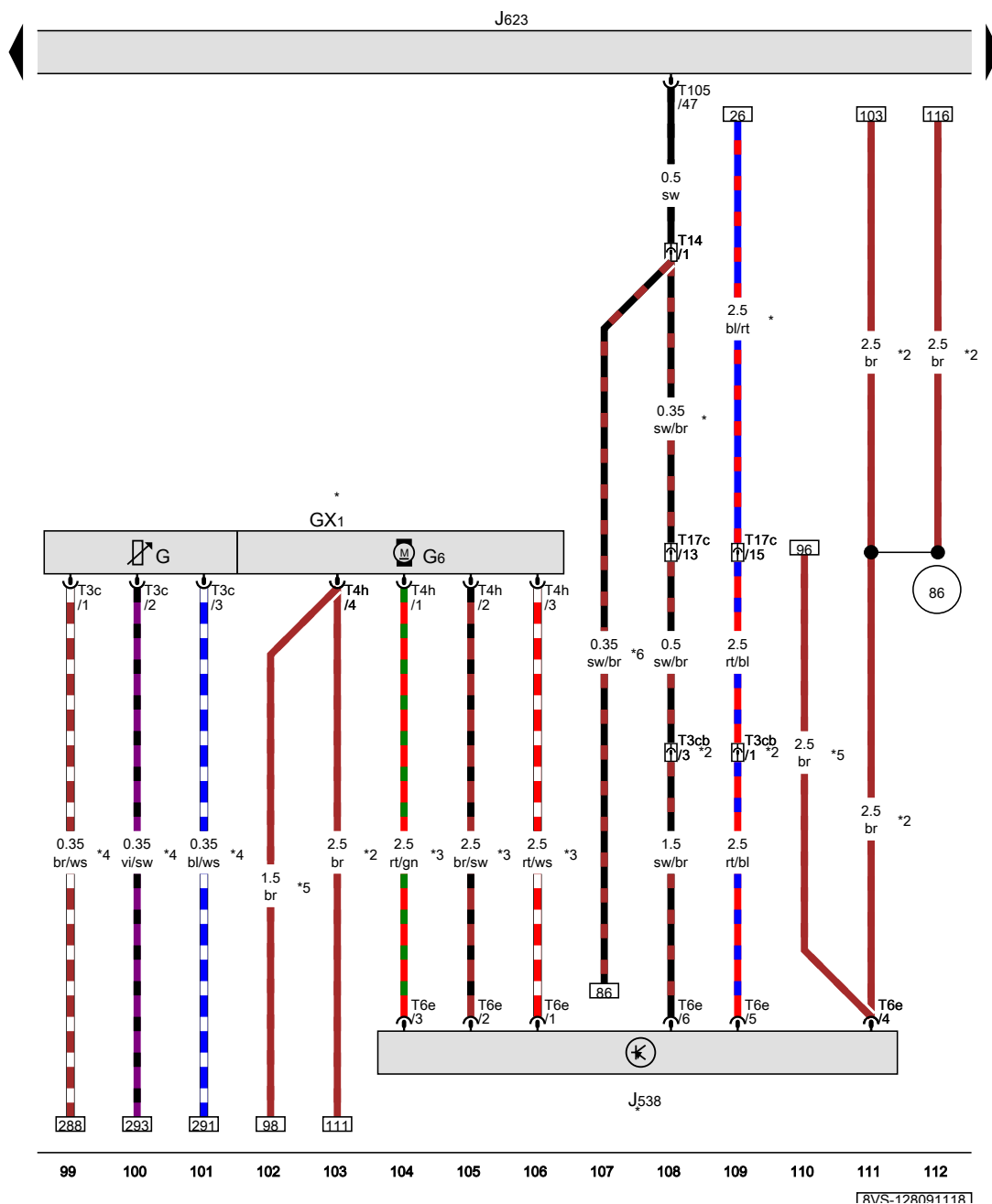
Fuel gauge sender, Fuel delivery unit, Fuel system pressurisation pump, Fuel pump control unit, Engine/motor control unit

- G Fuel gauge sender
- GX1 Fuel delivery unit
- G6 Fuel system pressurisation pump
- J538 Fuel pump control unit
- J623 Engine/motor control unit
- T3c 3-pin connector, black
- T4h 4-pin connector, black
- T6e 6-pin connector, black
- T17c 17-pin connector, red

- 51 Earth point, on right in luggage compartment
- 75 Earth point, rear right pillar
- 374 Earth connection 9, in main wiring harness

- * For models with front-wheel drive
- *2 For models with 3 doors
- *3 For models with 5 doors
- *4 see applicable current flow diagram for fuel system
- *5 For models with no auxiliary heater
- *6 For models with 4 doors

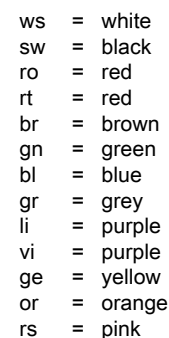
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- ge = yellow
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Fuel gauge sender, Fuel delivery unit, Fuel system pressurisation pump, Fuel pump control unit, Engine/motor control unit

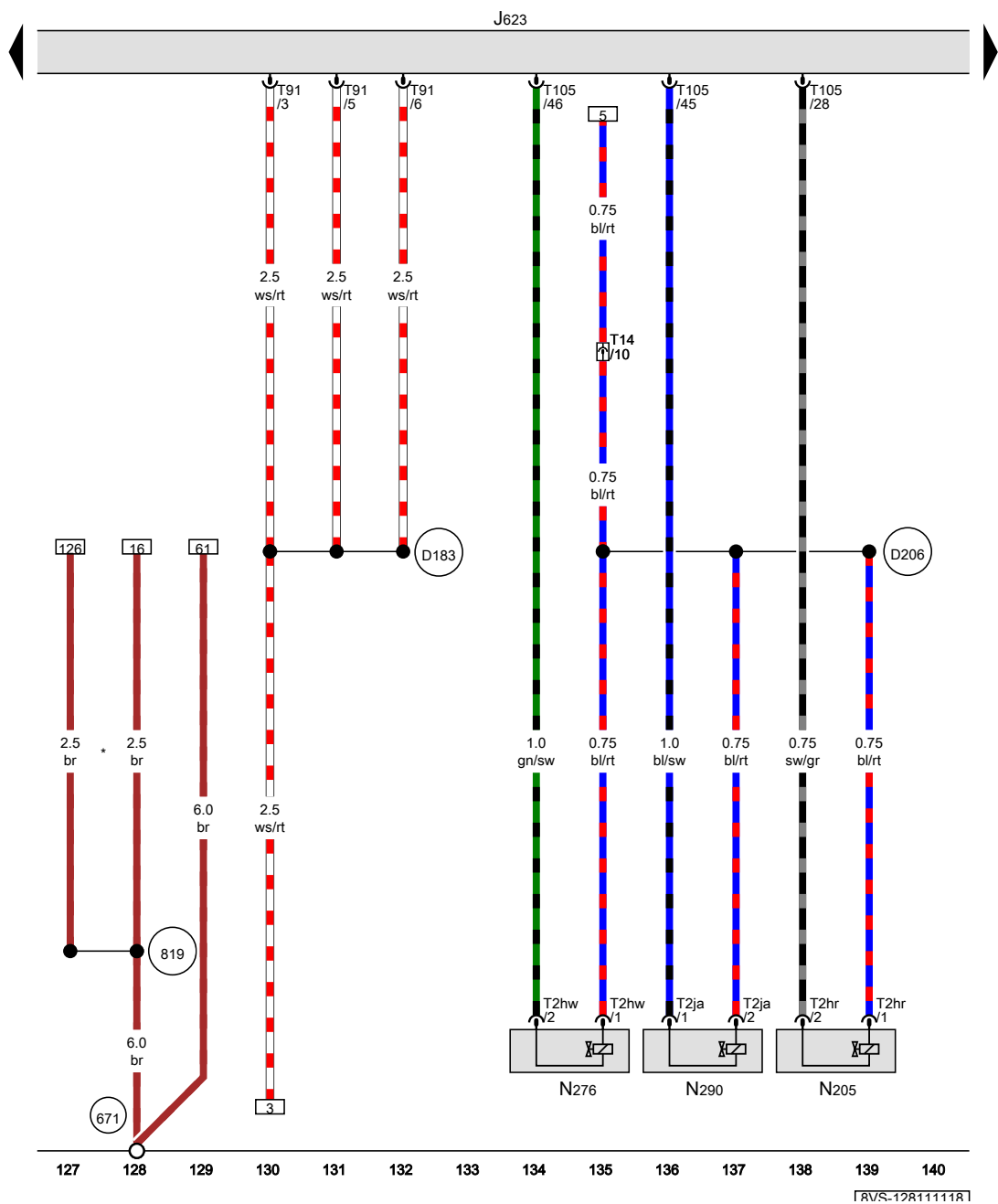
- G Fuel gauge sender
- GX1 Fuel delivery unit
- G6 Fuel system pressurisation pump
- J538 Fuel pump control unit
- J623 Engine/motor control unit
- T3c 3-pin connector, black
- T3cb 3-pin connector, black
- T4h 4-pin connector, black
- T6e 6-pin connector, black
- T14 14-pin connector, grey
- T17c 17-pin connector, red
- T105 105-pin connector, black
- 86 Earth connection 1, in rear wiring harness
- * For models with all-wheel drive
- *2 For models with auxiliary heating
- *3 Wiring colour depends on equipment
- *4 see applicable current flow diagram for fuel system
- *5 For models with no auxiliary heater
- *6 For models with front-wheel drive

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bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink



J623	Engine/motor control unit
T3cb	3-pin connector, black
T91	91-pin connector, black
57	Earth point, rear left pillar
209	Earth connection 6, in engine compartment wiring harness
369	Earth connection 4, in main wiring harness
370	Earth connection 5, in main wiring harness
373	Earth connection 8, in main wiring harness
384	Earth connection 19, in main wiring harness
639	Earth point, left A-pillar
684	Earth point on front of left side member
D78	Positive connection 1 (30a), in engine compartment wiring harness
*	For models with auxiliary heating
*2	For models with 3 doors
*3	For models with 5 doors
*4	For models with 4 doors
*5	Different wire colour possible
*6	For right-hand drive models
*7	For left-hand drive models

Engine/motor control unit, Camshaft control valve 1, Fuel pressure regulating valve, Fuel metering valve

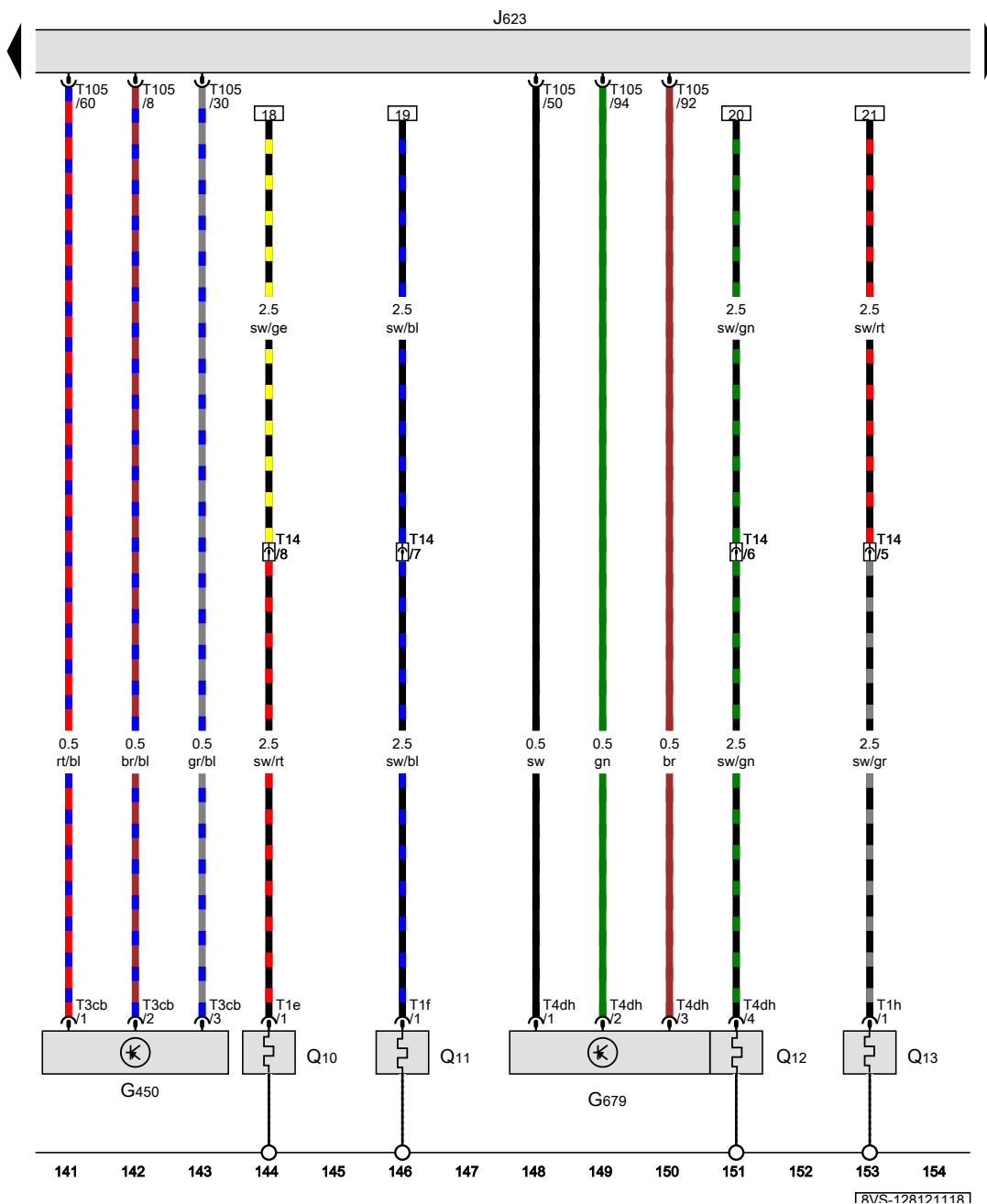


- J623 Engine/motor control unit
- N205 Camshaft control valve 1
- N276 Fuel pressure regulating valve
- N290 Fuel metering valve
- T2hr 2-pin connector, black
- T2hw 2-pin connector, black
- T2ja 2-pin connector, black
- T14 14-pin connector, grey
- T91 91-pin connector, black
- T105 105-pin connector, black

- 671 Earth point 1, on front of left longitudinal member
- 819 Earth connection 12, in engine compartment wiring harness
- D183 Connection 4 (87a), in engine compartment wiring harness
- D206 Connection 4 (87a) in engine prewiring harness
- * Different wire colour possible

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

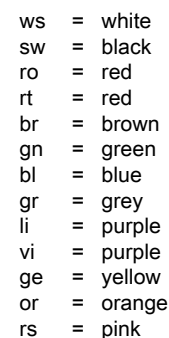
Engine/motor control unit, Glow plug 1, Glow plug 2, Glow plug 3, Glow plug 4

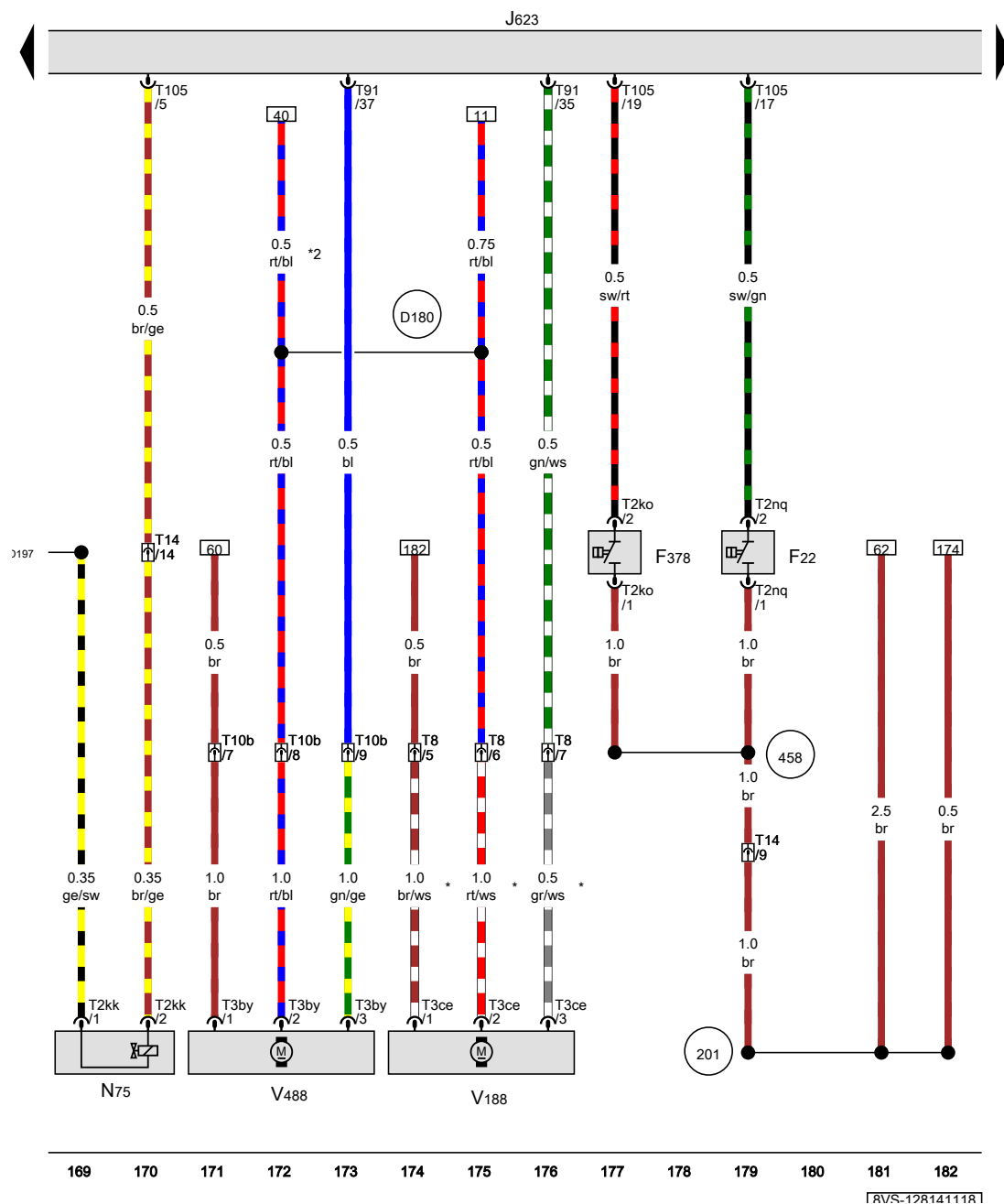


ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

G70	Air mass meter
J623	Engine/motor control unit
N79	Heater element for crankcase breather
T2ia	2-pin connector, black
T4dj	4-pin connector, black
T4g	4-pin connector, black
T91	91-pin connector, black

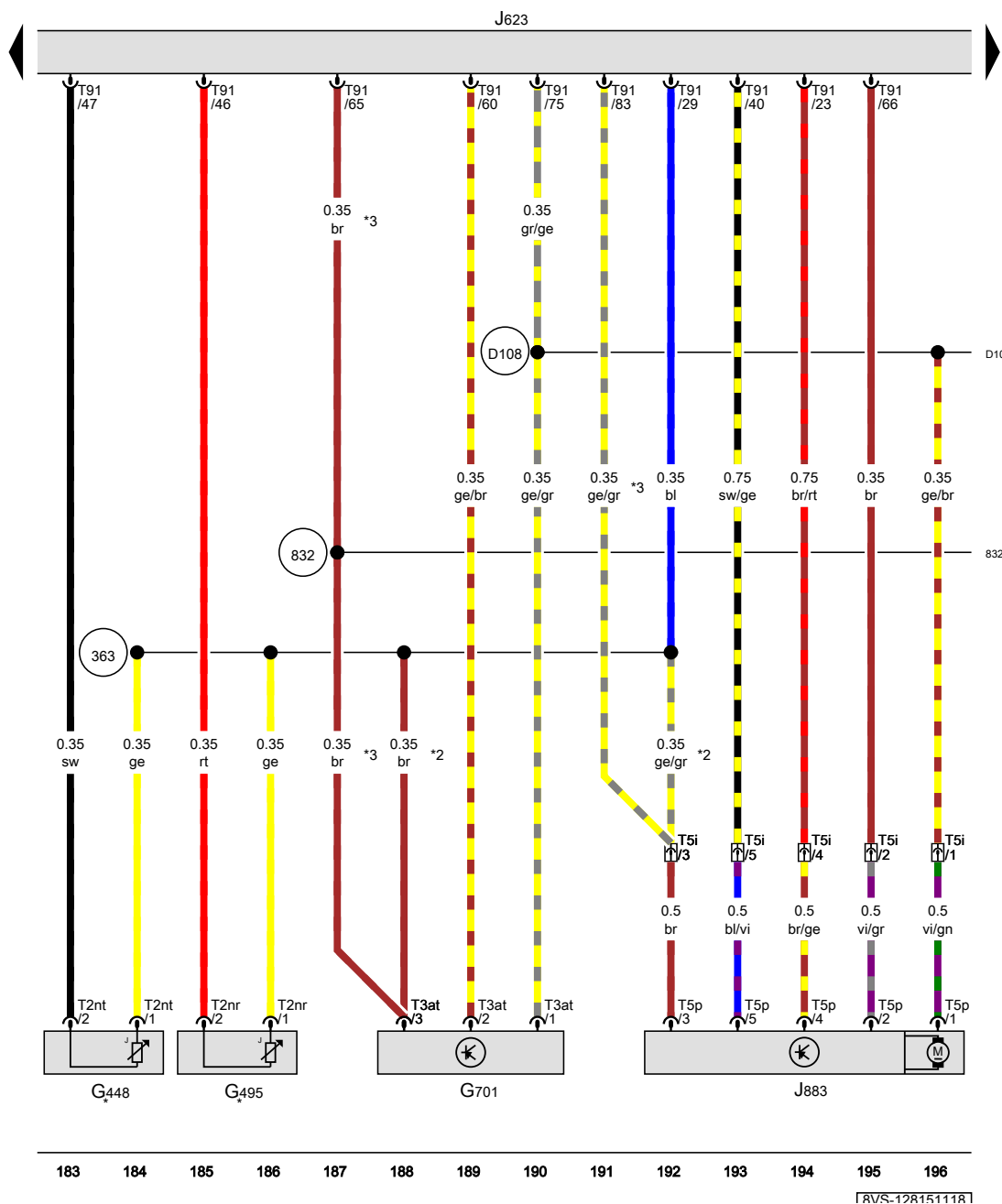
- * Radiator fan connection
- *2 see applicable current flow diagram for radiator fan
- *3 Gradually discontinued
- *4 Up to April 2016
- *5 gradual introduction





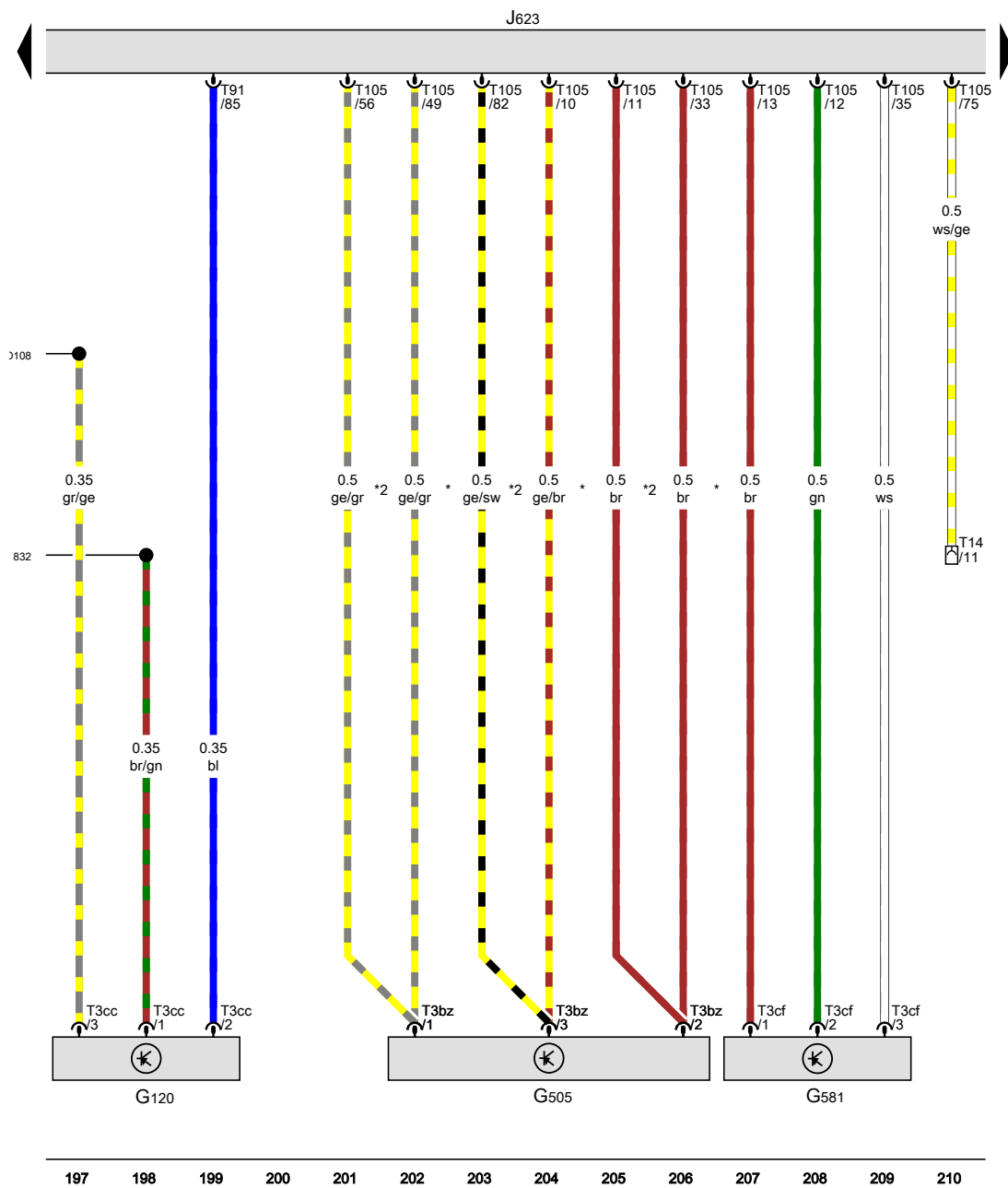
Oil pressure switch, Oil pressure switch for reduced oil pressure, Engine/motor control unit, Charge pressure control solenoid valve, Charge air cooling pump, Auxiliary pump for heating

- F22 Oil pressure switch
- F378 Oil pressure switch for reduced oil pressure
- J623 Engine/motor control unit
- N75 Charge pressure control solenoid valve
- T2kk 2-pin connector, black
- T2ko 2-pin connector, black
- T2nq 2-pin connector, black
- T3by 3-pin connector, black
- T3ce 3-pin connector, black
- T8 8-pin connector, black
- T10b 10-pin connector, black
- T14 14-pin connector, grey
- T91 91-pin connector, black
- T105 105-pin connector, black
- V188 Charge air cooling pump
- V488 Auxiliary pump for heating
- 201 Earth connection 5, in engine compartment wiring harness
- 458 Earth point 3, engine prewiring harness
- D180 Connection (87a), in engine compartment wiring harness
- D197 Connection 5 (87a), in engine compartment wiring harness
- * Wiring colour depends on equipment
- *2 From May 2016



Exhaust gas temperature sender 2, Exhaust gas temperature sender 3, Gearbox neutral position sender, Engine/motor control unit, Exhaust flap control unit

- G448 Exhaust gas temperature sender 2
- G495 Exhaust gas temperature sender 3
- G701 Gearbox neutral position sender
- J623 Engine/motor control unit
- J883 Exhaust flap control unit
- T2nr 2-pin connector, black
- T2nt 2-pin connector, black
- T3at 3-pin connector, black
- T5i 5-pin connector, black
- T5p 5-pin connector, black
- T91 91-pin connector, black
- 363 Earth connection 8, in engine compartment wiring harness
- 832 Earth connection 14, in engine compartment wiring harness
- D108 Connection 6 in engine compartment wiring harness
- * Pre-wired component
- *2 Gradually discontinued
- *3 gradual introduction



Water level sender, Pressure differential sender, Position sender for charge pressure positioner, Engine/motor control unit

- G120 Water level sender
- G505 Pressure differential sender
- G581 Position sender for charge pressure positioner
- J623 Engine/motor control unit
- T3bz 3-pin connector, black
- T3cc 3-pin connector, black
- T3cf 3-pin connector, black
- T14 14-pin connector, grey
- T91 91-pin connector, black
- T105 105-pin connector, black

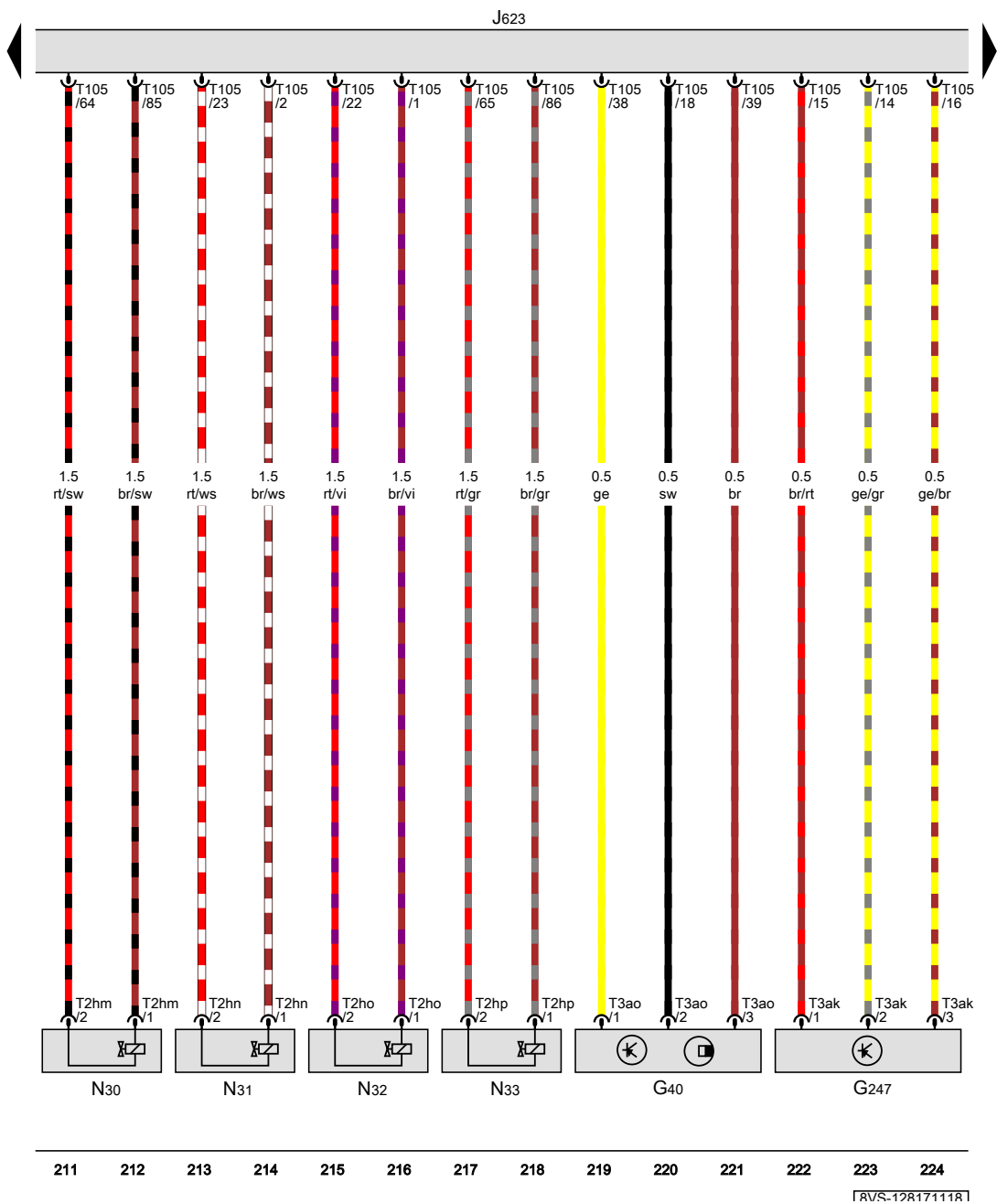
832 Earth connection 14, in engine compartment wiring harness

D108 Connection 6 in engine compartment wiring harness

- * Gradually discontinued
- *2 gradual introduction

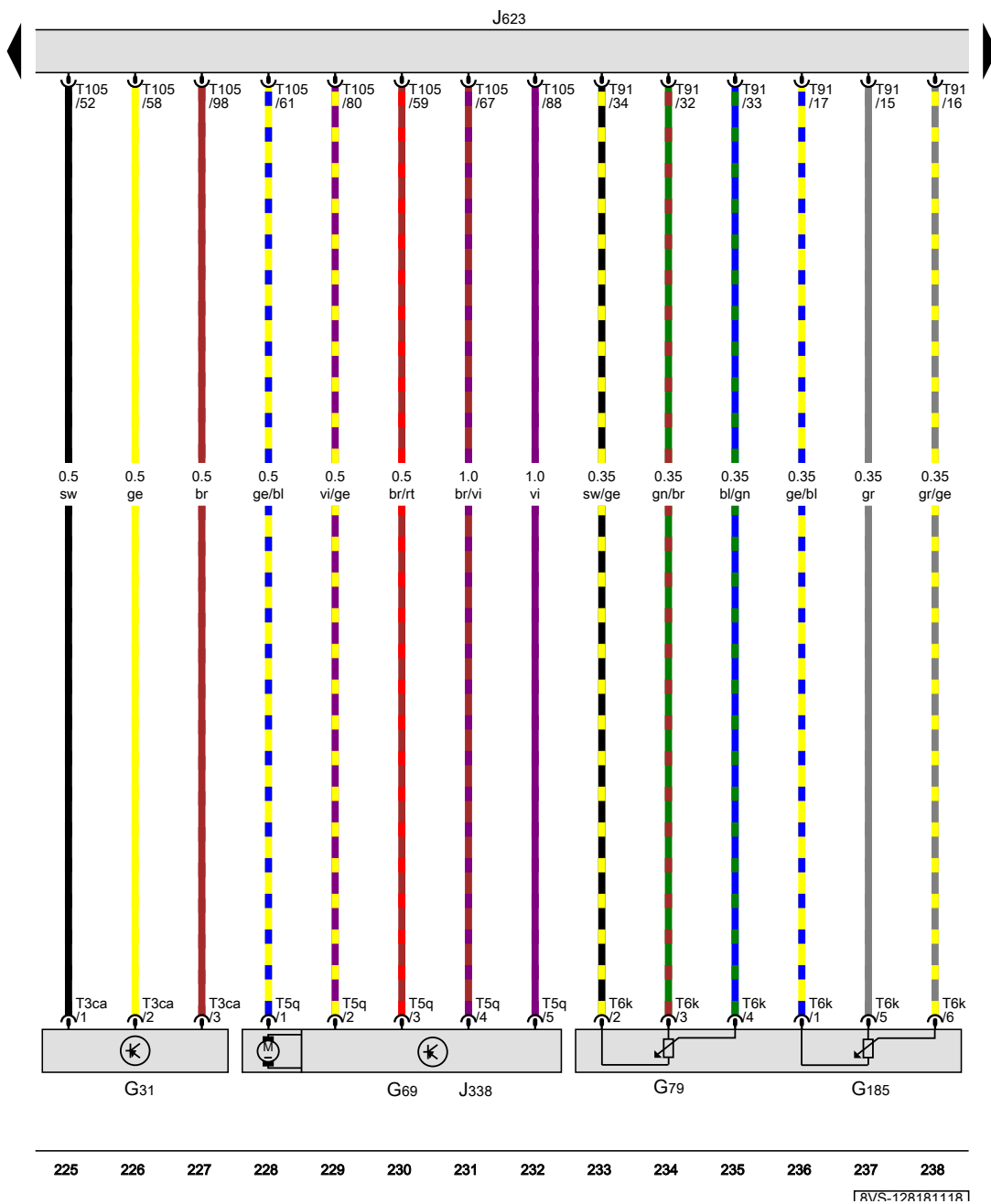
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- sw = black
- ro = red
- rt = red
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- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

1AVS-12R161118



Hall sender, Fuel pressure sender, Engine/motor control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

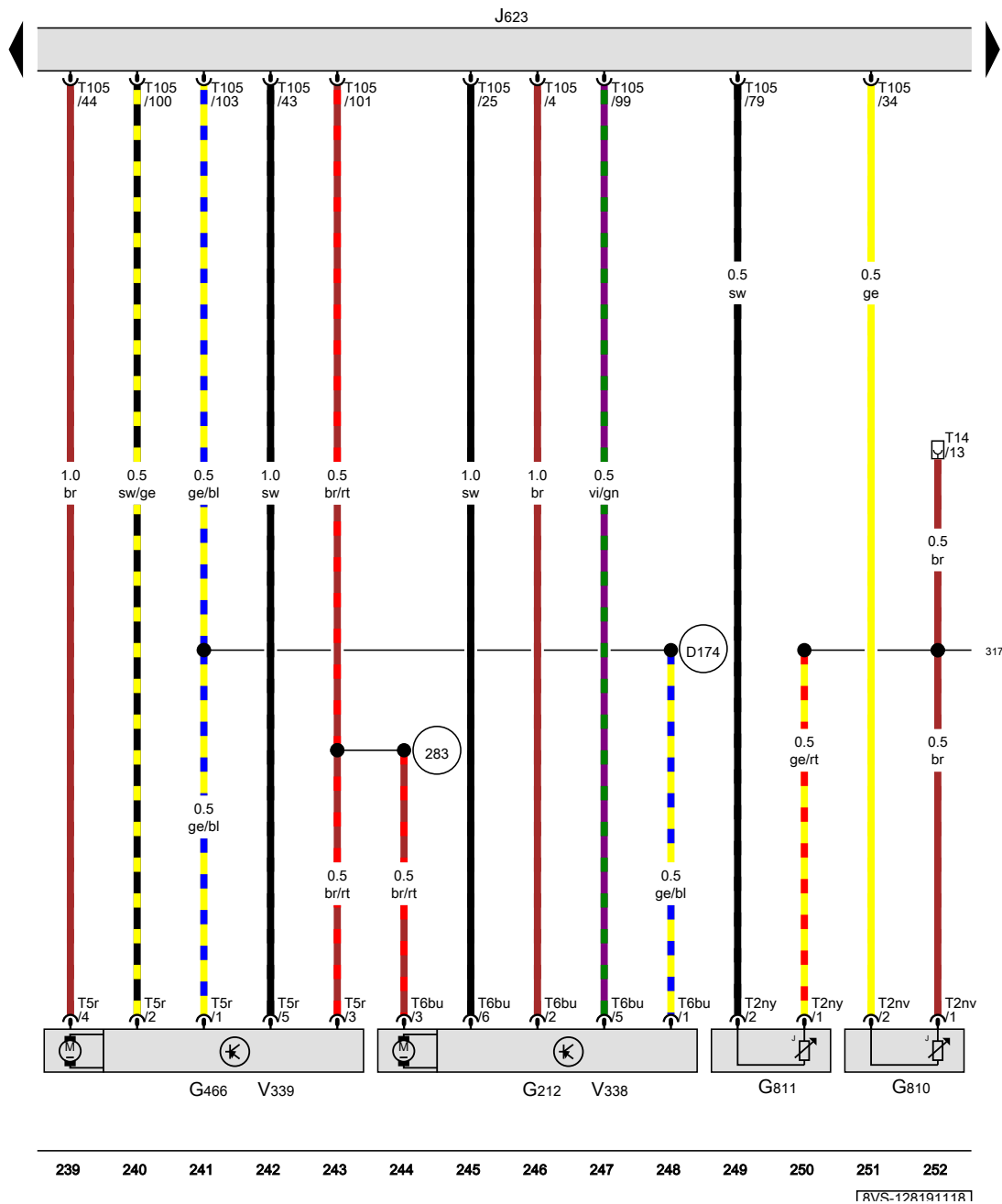
- G40 Hall sender
- G247 Fuel pressure sender
- J623 Engine/motor control unit
- N30 Injector, cylinder 1
- N31 Injector, cylinder 2
- N32 Injector, cylinder 3
- N33 Injector, cylinder 4
- T2hm 2-pin connector, black
- T2hn 2-pin connector, black
- T2ho 2-pin connector, black
- T2hp 2-pin connector, black
- T3ak 3-pin connector, black
- T3ao 3-pin connector, black
- T105 105-pin connector, black



Charge pressure sender, Throttle valve potentiometer, Accelerator position sender, Accelerator position sender 2, Throttle valve module, Engine/motor control unit

- G31 Charge pressure sender
- G69 Throttle valve potentiometer
- G79 Accelerator position sender
- G185 Accelerator position sender 2
- J338 Throttle valve module
- J623 Engine/motor control unit
- T3ca 3-pin connector, black
- T5q 5-pin connector, black
- T6k 6-pin connector, black
- T91 91-pin connector, black
- T105 105-pin connector, black

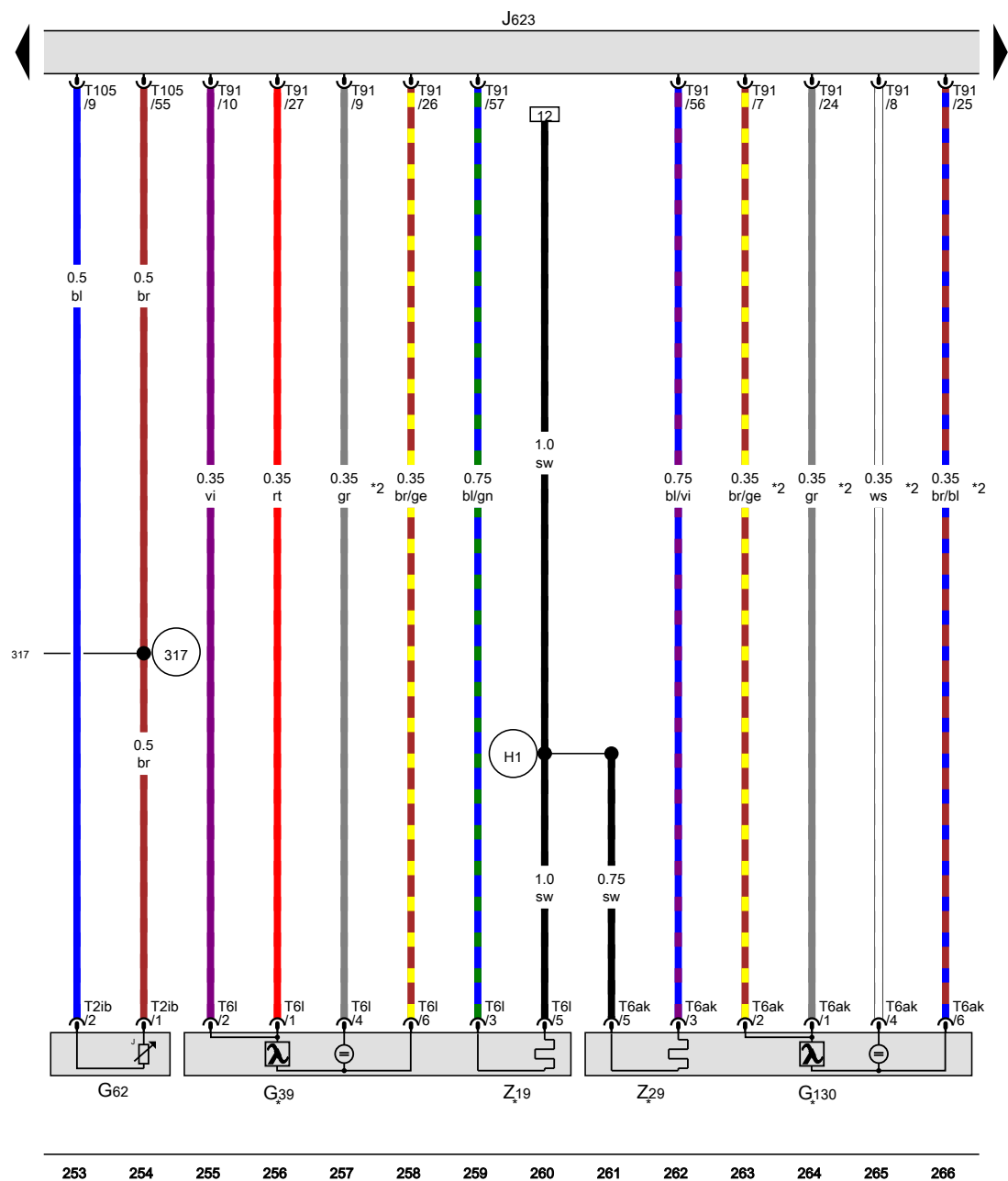
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



Exhaust gas recirculation potentiometer, Exhaust gas recirculation potentiometer 2, Charge air temperature sender before charge air cooler, Charge air temperature sender after charge air cooler, Engine/motor control unit, Exhaust gas recirculation control motor, Exhaust gas recirculation control motor 2

- G212 Exhaust gas recirculation potentiometer
- G466 Exhaust gas recirculation potentiometer 2
- G810 Charge air temperature sender before charge air cooler
- G811 Charge air temperature sender after charge air cooler
- J623 Engine/motor control unit
- T2nv 2-pin connector, black
- T2ny 2-pin connector, black
- T5r 5-pin connector, black
- T6bu 6-pin connector, black
- T14 14-pin connector, grey
- T105 105-pin connector, black
- V338 Exhaust gas recirculation control motor
- V339 Exhaust gas recirculation control motor 2

- 283 Earth point 2, engine prewiring harness
- 317 Earth connection 7, in engine compartment wiring harness
- D174 Connection 2 (5V) in engine prewiring harness



Lambda probe, Coolant temperature sender, Lambda probe after catalytic converter, Engine/motor control unit, Lambda probe heater, Lambda probe 1 heater after catalytic converter

- G39 Lambda probe
- G62 Coolant temperature sender
- G130 Lambda probe after catalytic converter
- J623 Engine/motor control unit
- T2ib 2-pin connector, black
- T6ak 6-pin connector, brown
- T6l 6-pin connector, black
- T91 91-pin connector, black
- T105 105-pin connector, black
- Z19 Lambda probe heater
- Z29 Lambda probe 1 heater after catalytic converter

317 Earth connection 7, in engine compartment wiring harness

H1 Positive connection, in Lambda wiring harness

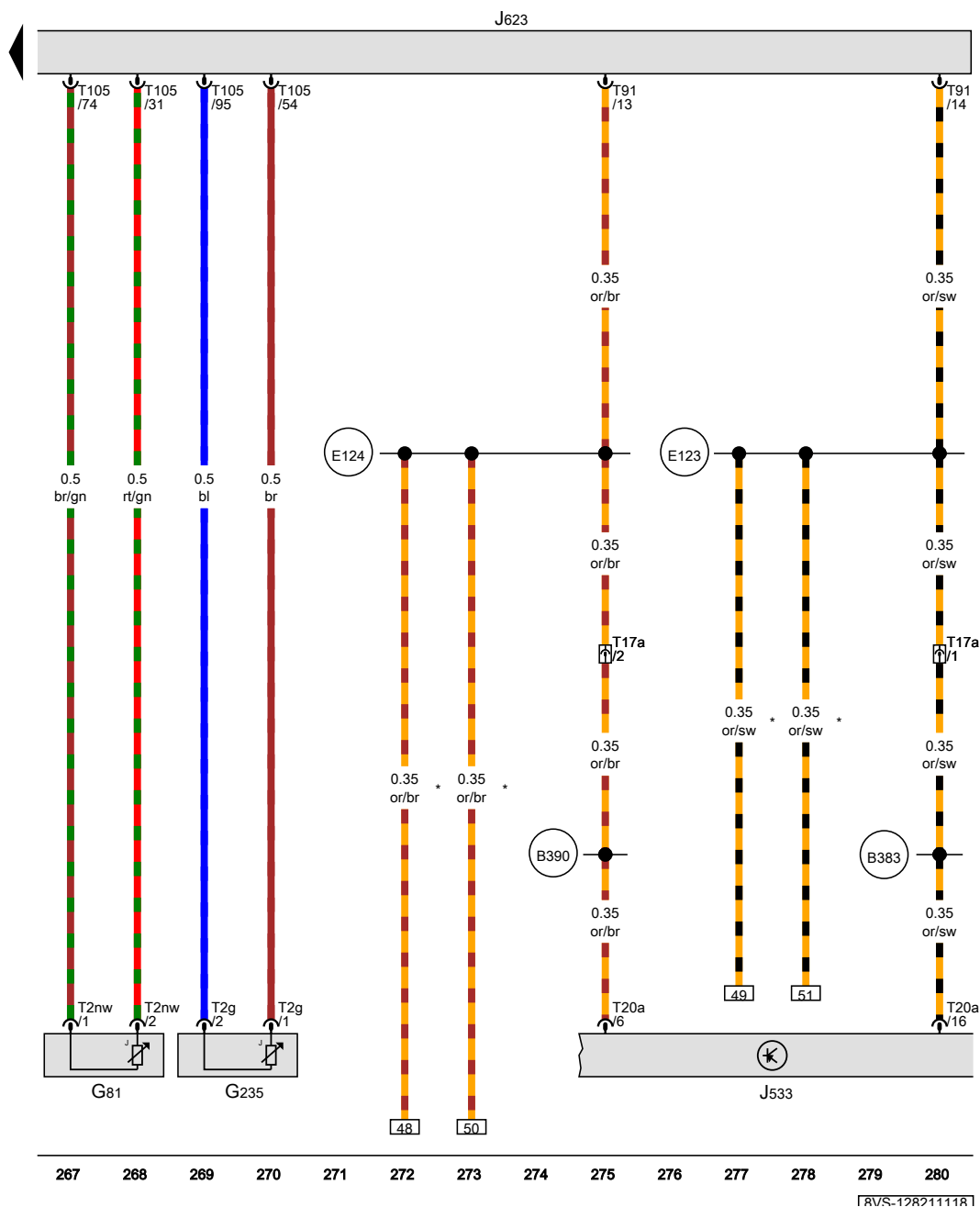
* Pre-wired component

*2 Wiring colour depends on equipment

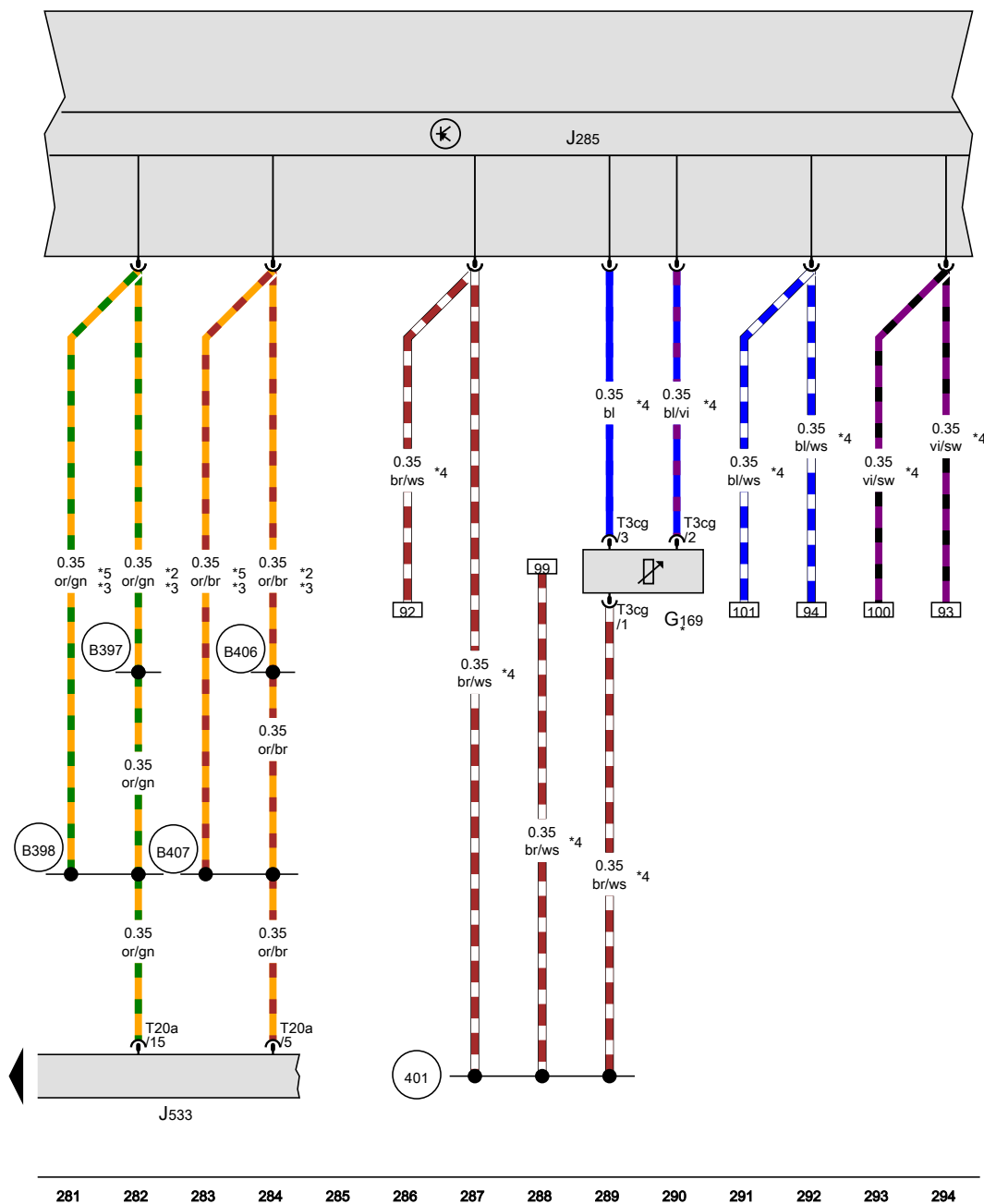
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sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

1AVS-12R201118

Fuel temperature sender, Exhaust gas temperature sender 1, Data bus diagnostic interface, Engine/motor control unit



- G81 Fuel temperature sender
- G235 Exhaust gas temperature sender 1
- J533 Data bus diagnostic interface
- J623 Engine/motor control unit
- T2g 2-pin connector, black
- T2nw 2-pin connector, black
- T17a 17-pin connector, black
- T20a 20-pin connector, red
- T91 91-pin connector, black
- T105 105-pin connector, black
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- E123 Connection 1 (powertrain CAN bus, high), in engine wiring harness
- E124 Connection 1 (powertrain CAN bus, low), in engine wiring harness
- * According to equipment



Fuel gauge sender 2, Control unit in dash panel insert, Data bus diagnostic interface

- G169 Fuel gauge sender 2
- J285 Control unit in dash panel insert
- J533 Data bus diagnostic interface
- T3cg 3-pin connector, black
- T20a 20-pin connector, red

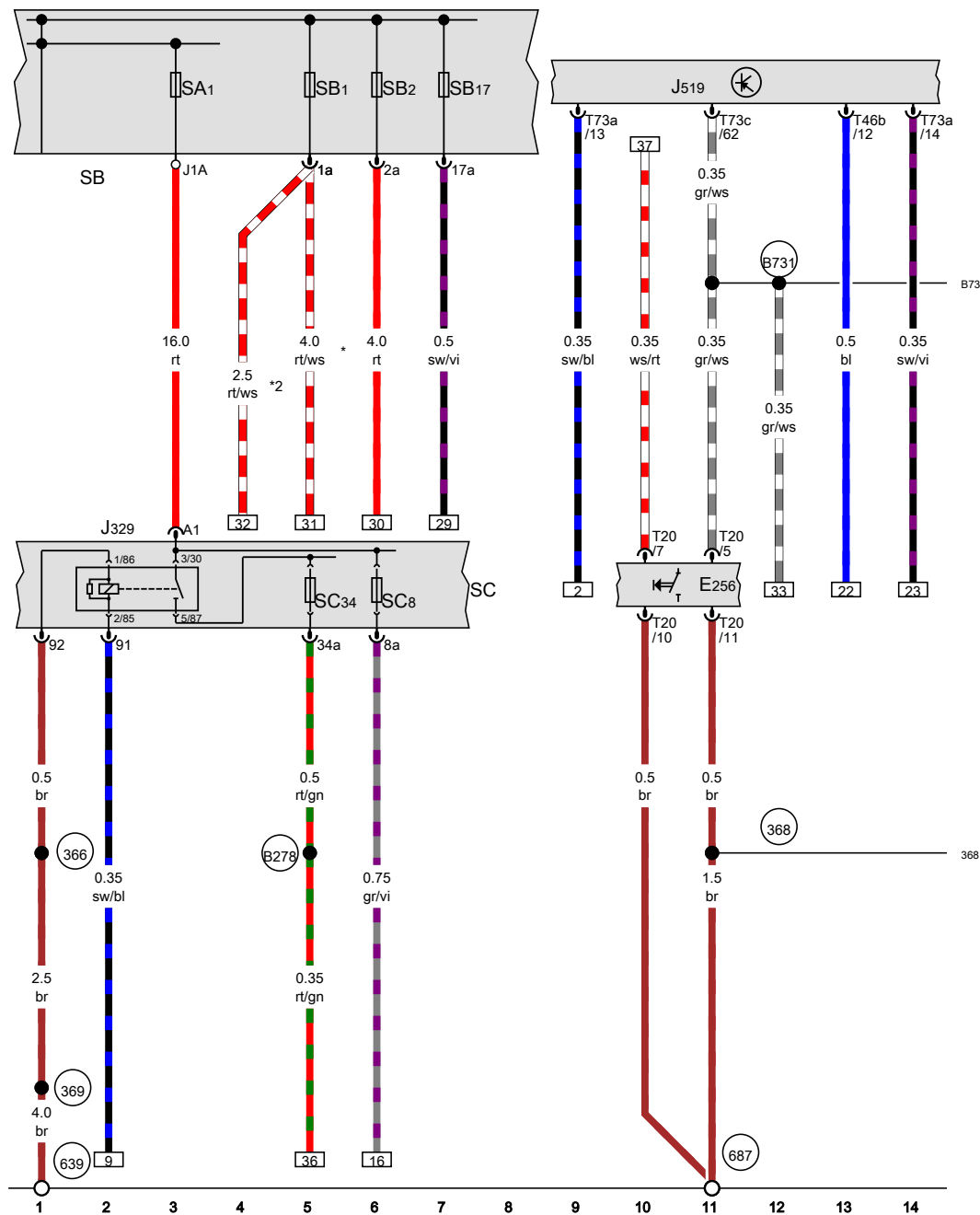
- 401 Earth connection (sender earth), in interior wiring harness
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness

- * For models with all-wheel drive
- *2 For left-hand drive models
- *3 see applicable current flow diagram for dash panel insert
- *4 see applicable current flow diagram for fuel system
- *5 For right-hand drive models

ws = white
 sw = black
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 br = brown
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 bl = blue
 gr = grey
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 vi = purple
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 or = orange
 rs = pink

Anti-lock brake system (ABS) with electronic stabilisation program (ESP)

From August 2015



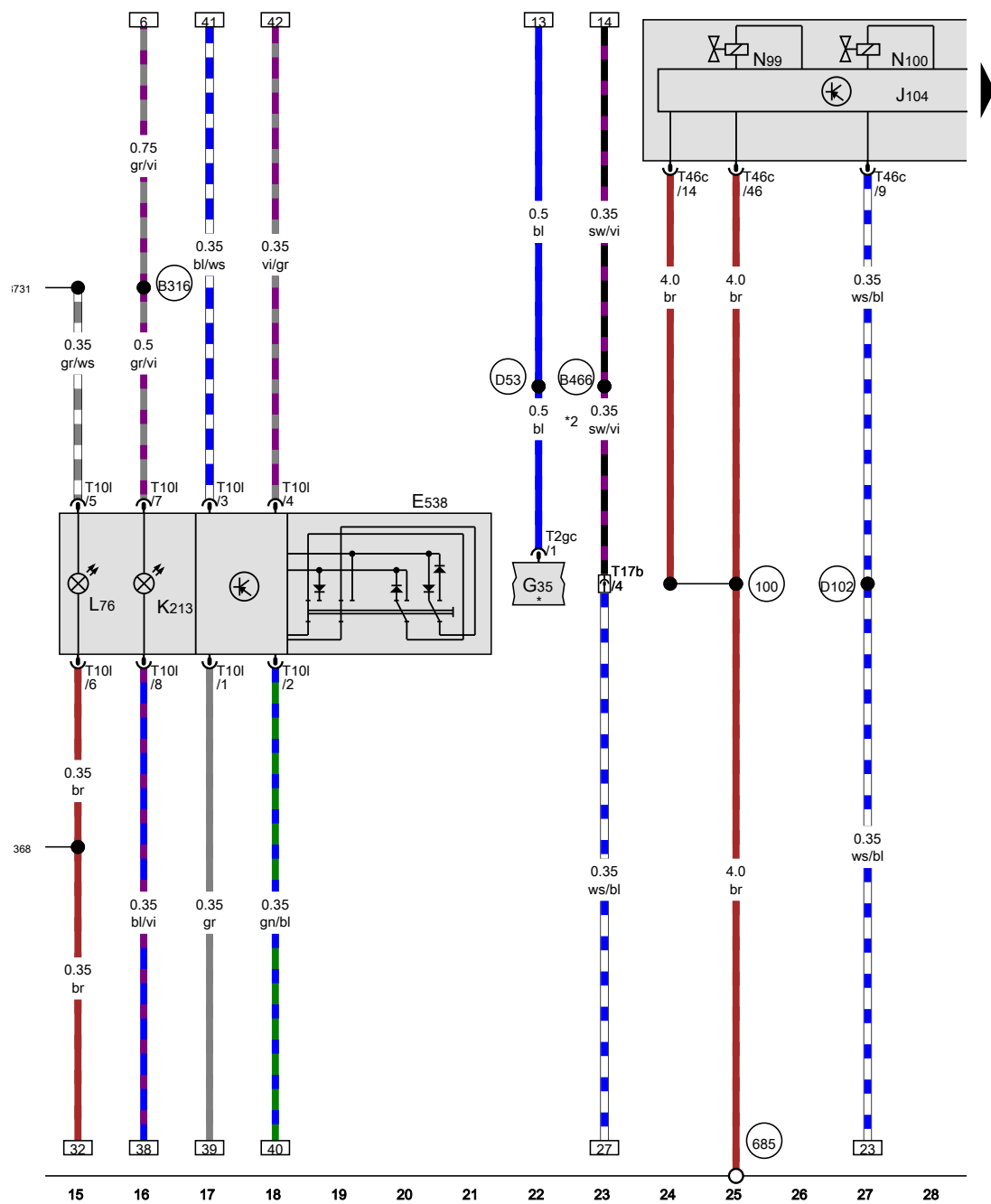
Button for TCS and electronic stabilisation program,
Terminal 15 voltage supply relay, Onboard supply control
unit, Fuse holder C

- E256 Button for TCS and electronic stabilisation program
- J329 Terminal 15 voltage supply relay
- J519 Onboard supply control unit
- SA1 Fuse 1 on fuse holder A
- SB Fuse holder B
- SB1 Fuse 1 on fuse holder B
- SB2 Fuse 2 on fuse holder B
- SC8 Fuse 8 on fuse holder C
- SB17 Fuse 17 on fuse holder B
- SC Fuse holder C
- SC34 Fuse 34 on fuse holder C
- T20 20-pin connector, black
- T46b 46-pin connector, black
- T73a 73-pin connector, black
- T73c 73-pin connector, black

- 366 Earth connection 1, in main wiring harness
- 368 Earth connection 3, in main wiring harness
- 369 Earth connection 4, in main wiring harness
- 639 Earth point, left A-pillar
- 687 Earth point 1, on centre tunnel
- B278 Positive connection 2 (15a) in main wiring harness
- B731 Connection 1 (58s), in main wiring harness

* Up to April 2017
*2 From May 2017

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

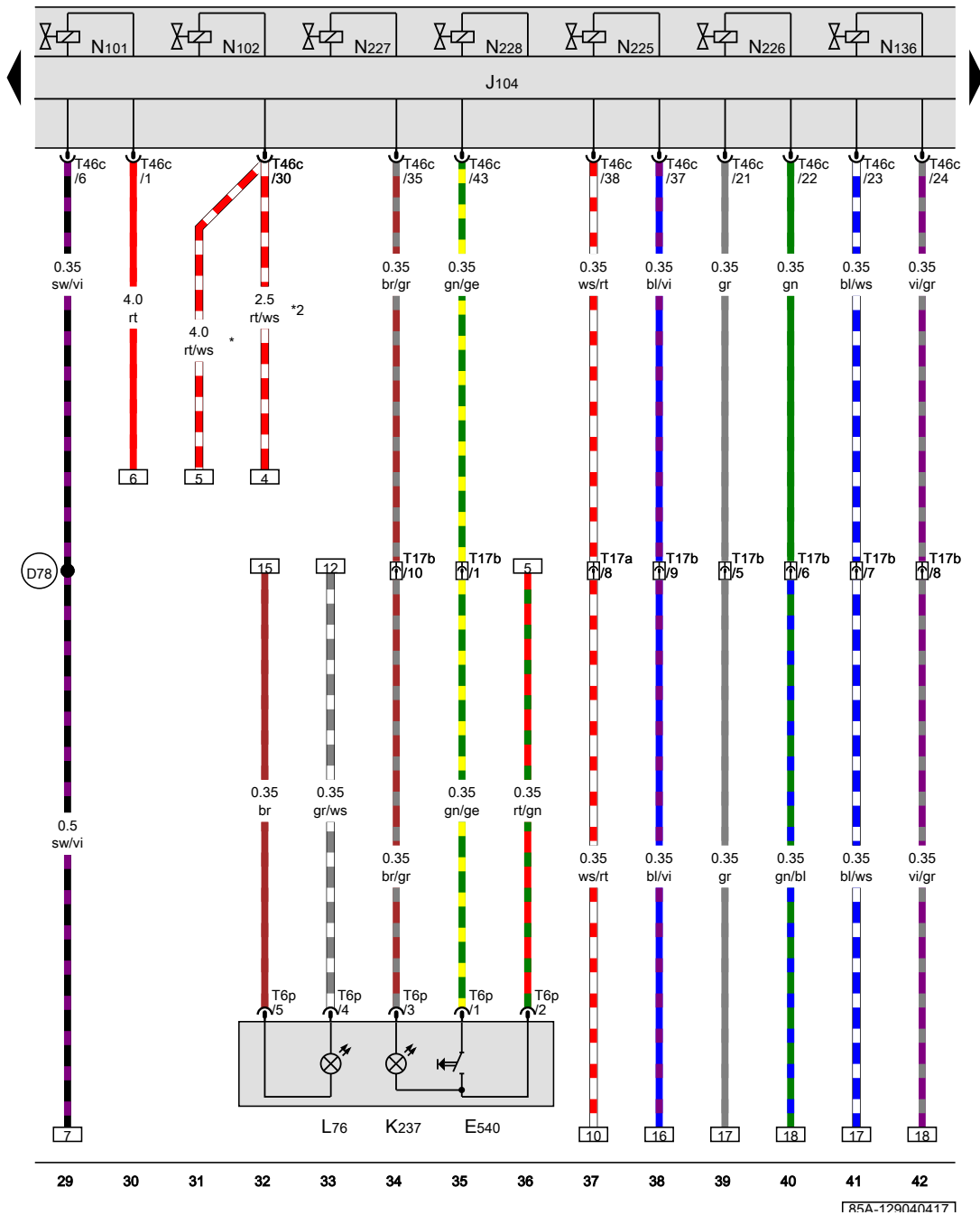


Electromechanical parking brake button, ABS control unit

- E538 Electromechanical parking brake button
- G35 Front right brake pad wear sender
- J104 ABS control unit
- K213 Electromechanical parking brake warning lamp
- L76 Button illumination bulb
- N99 Front right ABS inlet valve
- N100 Front right ABS outlet valve
- T2gc 2-pin connector, black
- T101 10-pin connector, black
- T17b 17-pin connector, brown
- T46c 46-pin connector, black

- 100 Earth connection 1, in ABS wiring harness
 - 368 Earth connection 3, in main wiring harness
 - 685 Earth point 1, on front of right longitudinal member
 - B316 Positive connection 2 (30a) in main wiring harness
 - B466 Connection 2, in main wiring harness
 - B731 Connection 1 (58s), in main wiring harness
 - D53 Connection (right brake wear indicator), in engine compartment wiring harness
 - D102 Connection 2 in engine compartment wiring harness
- * see applicable current flow diagram for basic equipment
 *2 Wiring colour depends on equipment

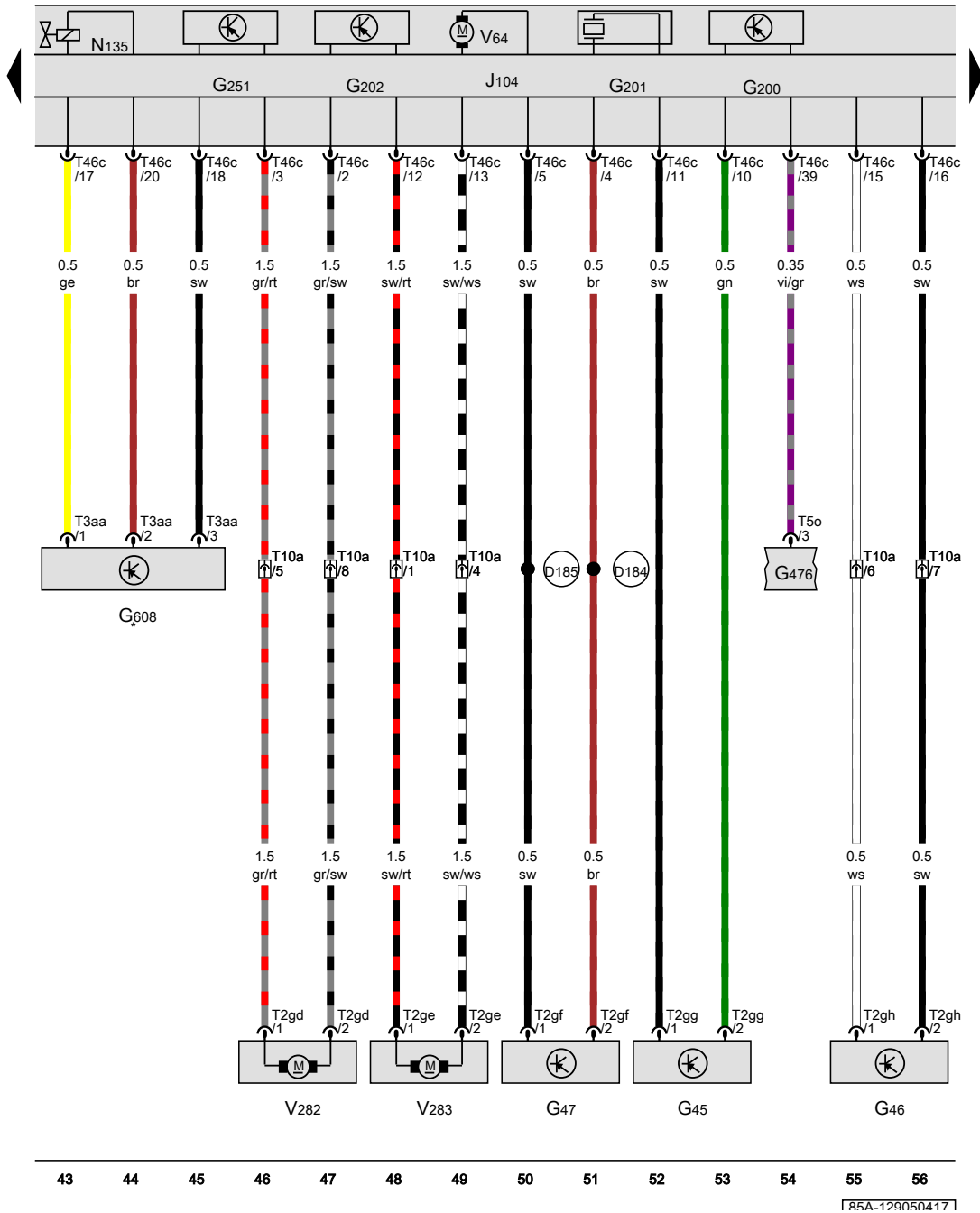
ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



Auto-hold button, ABS control unit, Front left ABS inlet valve

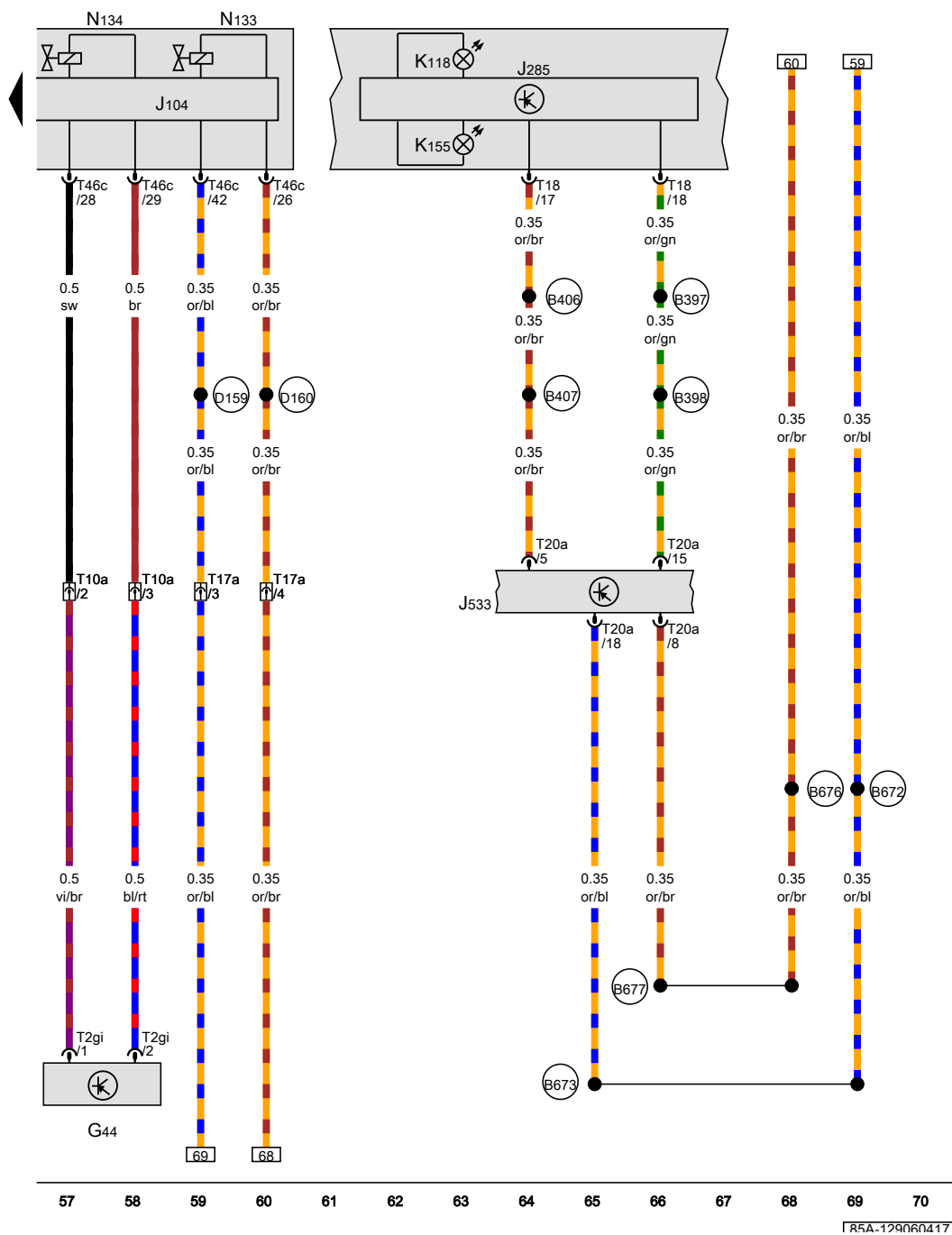
- E540 Auto-hold button
- J104 ABS control unit
- K237 Auto-hold warning lamp
- L76 Button illumination bulb
- N101 Front left ABS inlet valve
- N102 Front left ABS outlet valve
- N136 Rear left ABS outlet valve
- N225 Vehicle stabilization program switch valve 1
- N226 Vehicle stabilization program switch valve 2
- N227 Vehicle stabilization program high-pressure valve 1
- N228 Vehicle stabilization program high-pressure valve 2
- T6p 6-pin connector, red
- T17a 17-pin connector, black
- T17b 17-pin connector, brown
- T46c 46-pin connector, black
- D78 Positive connection 1 (30a), in engine compartment wiring harness
- * Up to April 2017
- *2 From May 2017

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink



Front right speed sensor, Rear left speed sensor, Front left speed sensor, Clutch position sender, Vacuum sender, ABS control unit, Rear right ABS outlet valve, ABS hydraulic pump, Left parking brake motor, Right parking brake motor

- G45 Front right speed sensor
- G46 Rear left speed sensor
- G47 Front left speed sensor
- G200 Lateral acceleration sender
- G201 Brake pressure sender 1
- G202 Yaw rate sender
- G251 Longitudinal acceleration sender
- G476 Clutch position sender
- G608 Vacuum sender
- J104 ABS control unit
- N135 Rear right ABS outlet valve
- T2gd 2-pin connector, black
- T2ge 2-pin connector, black
- T2gf 2-pin connector, black
- T2gg 2-pin connector, black
- T2gh 2-pin connector, black
- T3aa 3-pin connector, black
- T5o 5-pin connector, black
- T10a 10-pin connector, white
- T46c 46-pin connector, black
- V64 ABS hydraulic pump
- V282 Left parking brake motor
- V283 Right parking brake motor
- D184 Connection (front left speed sensor +), in engine compartment wiring harness
- D185 Connection (front left speed sensor -), in engine compartment wiring harness
- * According to equipment

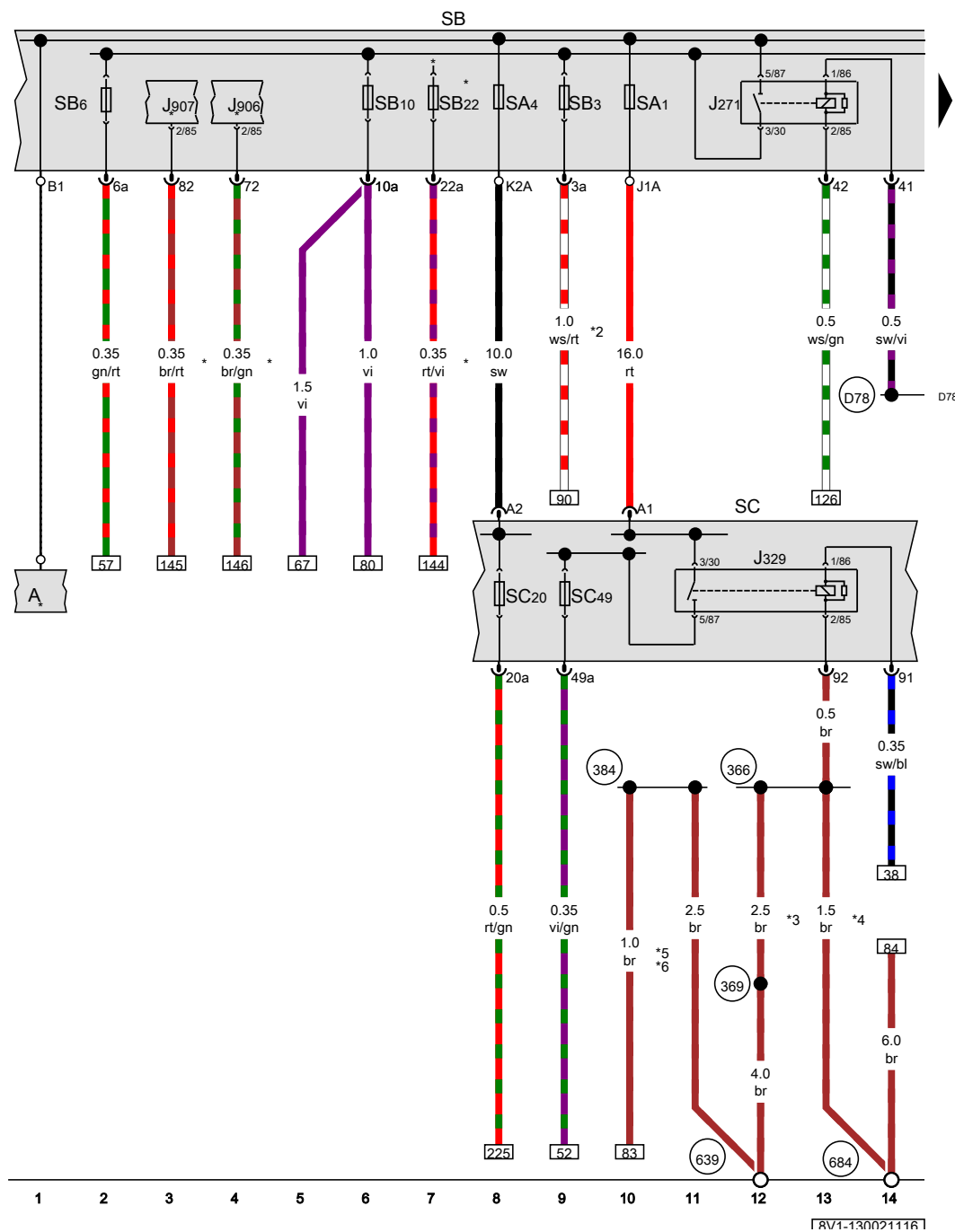


Rear right speed sensor, ABS control unit, Control unit in dash panel insert, Data bus diagnostic interface, Brake system warning lamp, Warning lamp for electronic stabilisation program and TCS

- G44 Rear right speed sensor
- J104 ABS control unit
- J285 Control unit in dash panel insert
- J533 Data bus diagnostic interface, in left footwell, near centre console
- K118 Brake system warning lamp
- K155 Warning lamp for electronic stabilisation program and TCS
- N133 Rear right ABS inlet valve
- N134 Rear left ABS inlet valve
- T2gi 2-pin connector, black
- T10a 10-pin connector, white
- T17a 17-pin connector, black
- T18 18-pin connector, black
- T20a 20-pin connector, red
- T46c 46-pin connector, black
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness
- B672 Connection 1 (running gear/dash panel insert CAN bus, high), in main wiring harness
- B673 Connection 2 (running gear/dash panel insert CAN bus, high), in main wiring harness
- B676 Connection 1 (running gear/dash panel insert CAN bus, low), in main wiring harness
- B677 Connection 2 (running gear/dash panel insert CAN bus, low), in main wiring harness
- D159 Connection (high bus), in engine compartment wiring harness
- D160 Connection (low bus), in engine compartment wiring harness

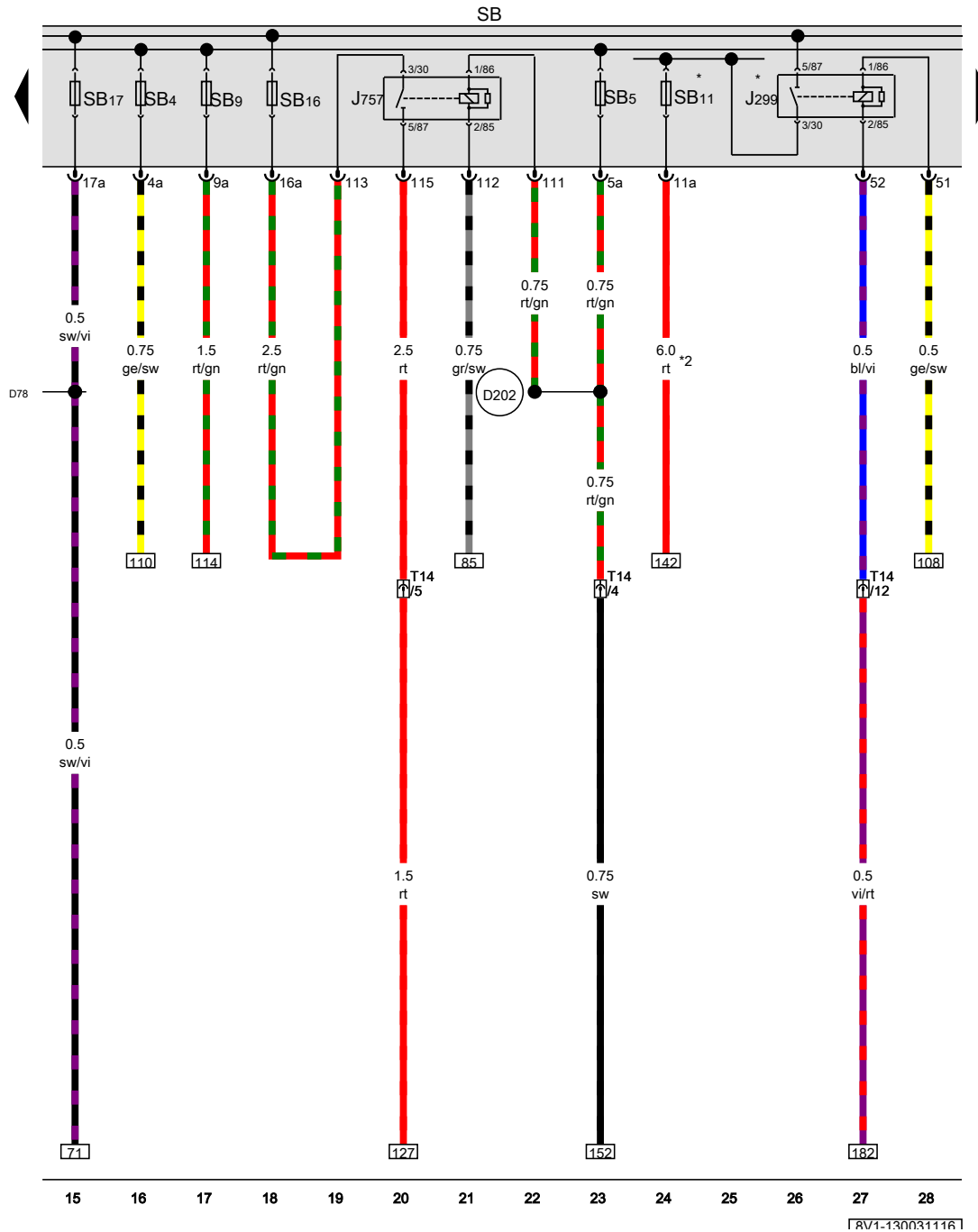
1.8l petrol engine , CJSA,CJSB,CNSB

From November 2015



Main relay, Terminal 15 voltage supply relay, Fuse holder C

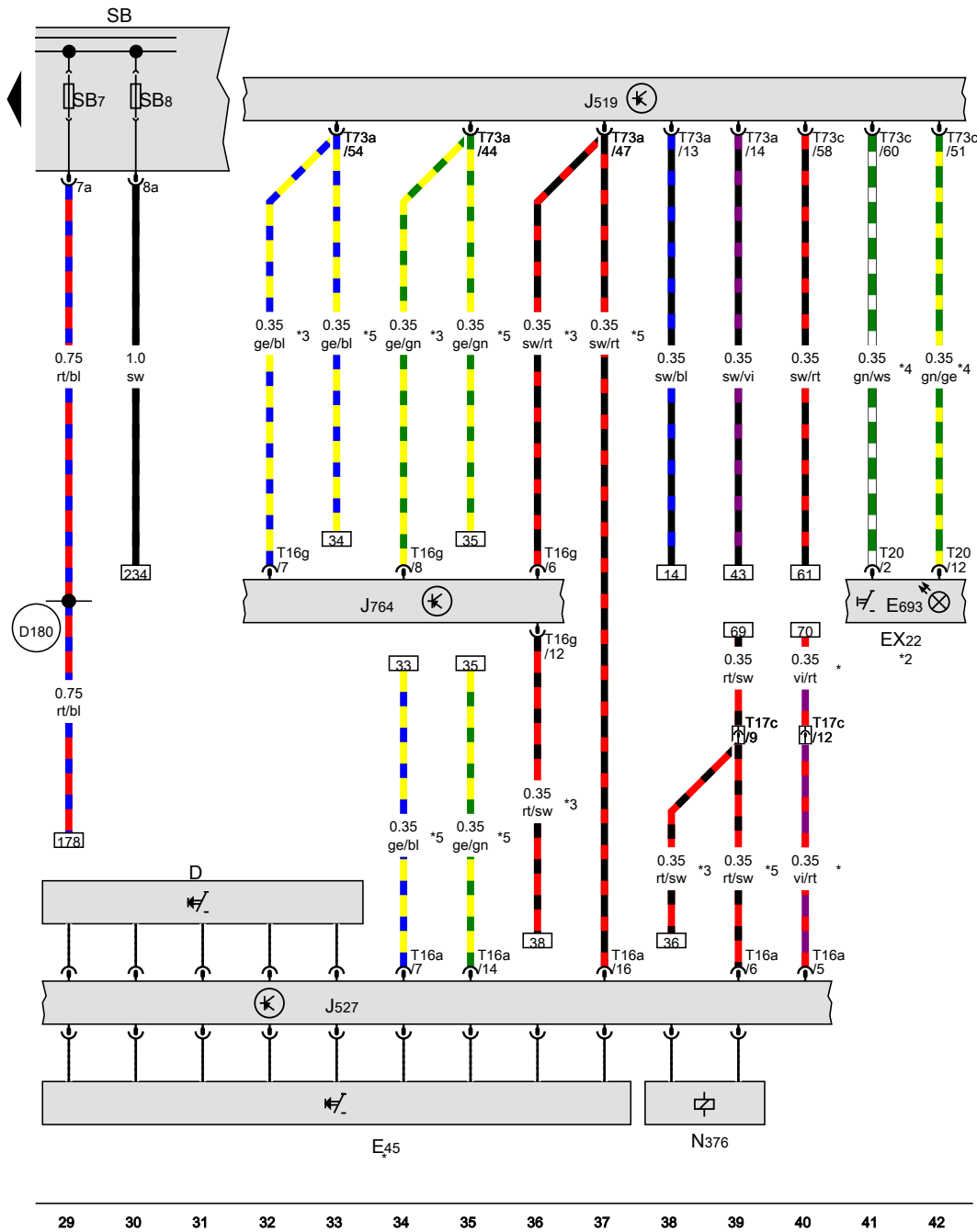
- A Battery
- J271 Main relay
- J329 Terminal 15 voltage supply relay
- J906 Starter relay 1
- J907 Starter relay 2
- SA1 Fuse 1 on fuse holder A
- SB3 Fuse 3 on fuse holder B
- SA4 Fuse 4 on fuse holder A
- SB Fuse holder B
- SB6 Fuse 6 on fuse holder B
- SB10 Fuse 10 on fuse holder B
- SC Fuse holder C
- SC20 Fuse 20 on fuse holder C
- SB22 Fuse 22 on fuse holder B
- SC49 Fuse 49 on fuse holder C
- 366 Earth connection 1, in main wiring harness
- 369 Earth connection 4, in main wiring harness
- 384 Earth connection 19, in main wiring harness
- 639 Earth point, left A-pillar
- 684 Earth point on front of left side member
- D78 Positive connection 1 (30a), in engine compartment wiring harness
- * see applicable current flow diagram for battery in engine compartment
- *2 Wiring colour depends on equipment
- *3 Only left-hand drive models
- *4 Only right-hand drive models
- *5 Only models with auxiliary heating
- *6 Only models with 4-doors



Secondary air pump relay, Engine component current supply relay

- J299 Secondary air pump relay
- J757 Engine component current supply relay
- SB Fuse holder B
- SB4 Fuse 4 on fuse holder B
- SB5 Fuse 5 on fuse holder B
- SB9 Fuse 9 on fuse holder B
- SB11 Fuse 11 on fuse holder B
- SB16 Fuse 16 on fuse holder B
- SB17 Fuse 17 on fuse holder B
- T14 14-pin connector, grey
- D78 Positive connection 1 (30a), in engine compartment wiring harness
- D202 Connection 6 (87a), in engine compartment wiring harness
- * Only models with US equipment
- *2 Cross section depends on equipment

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

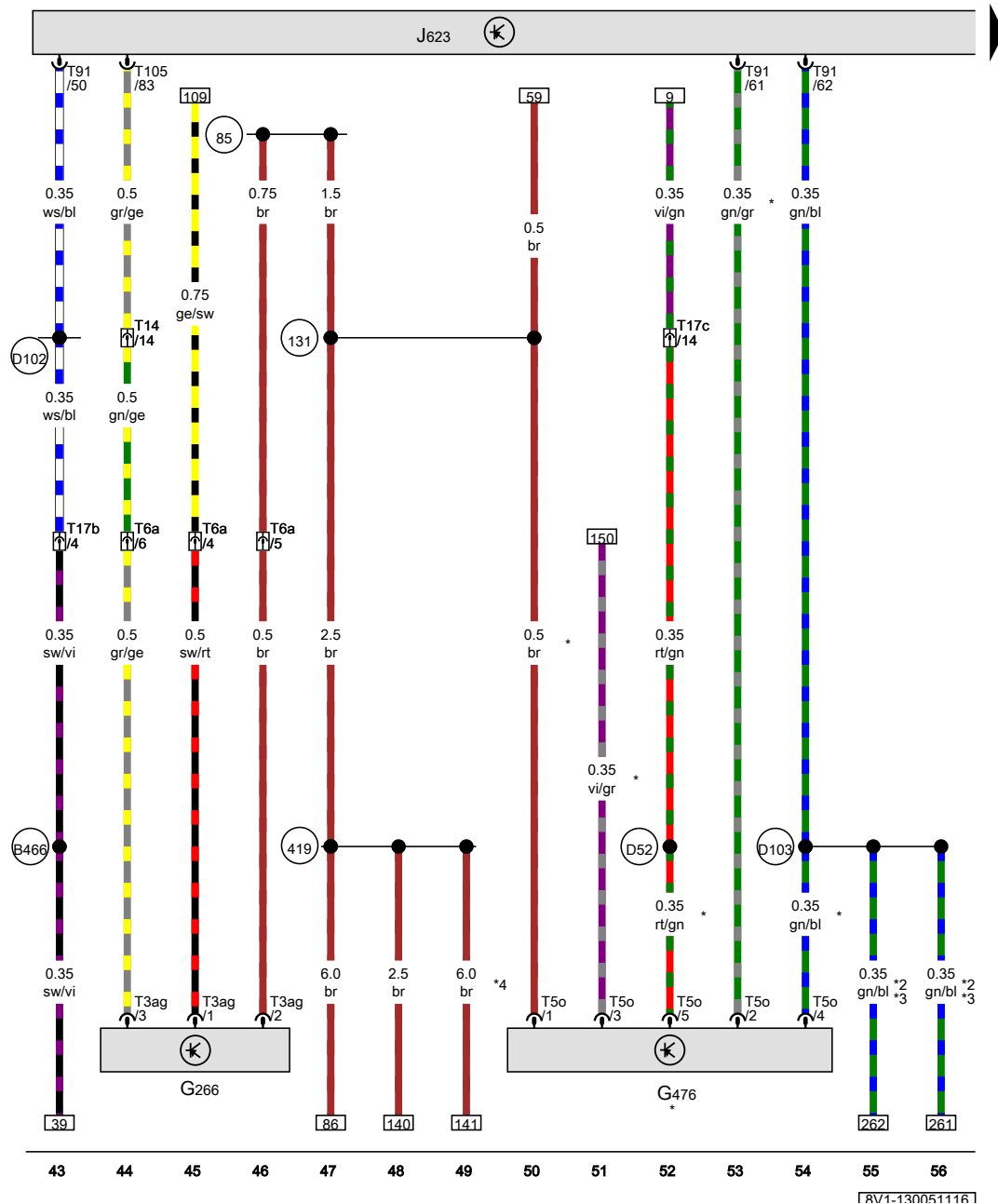


Ignition/starter switch, Centre switch module in dash panel, Cruise control system switch, Onboard supply control unit, Steering column electronics control unit, Fuse 7 on fuse holder B, Fuse 8 on fuse holder B

- D Ignition/starter switch
- EX22 Centre switch module in dash panel
- E45 Cruise control system switch
- E693 Start/Stop operation button
- J519 Onboard supply control unit
- J527 Steering column electronics control unit
- J764 Control unit for electronic steering column lock
- N376 Ignition key withdrawal lock solenoid
- SB Fuse holder B
- SB7 Fuse 7 on fuse holder B
- SB8 Fuse 8 on fuse holder B
- T16a 16-pin connector, black
- T16g 16-pin connector, black
- T17c 17-pin connector, on lower section of left A-pillar, red
- T20 20-pin connector, red
- T73a 73-pin connector, black
- T73c 73-pin connector, black
- D180 Connection (87a), in engine compartment wiring harness

- * Only models with cruise control system (CCS)
- *2 see applicable current flow diagram for battery in engine compartment
- *3 Only models with entry and start authorisation
- *4 Only models with start/stop system
- *5 Only models with no entry and start authorisation

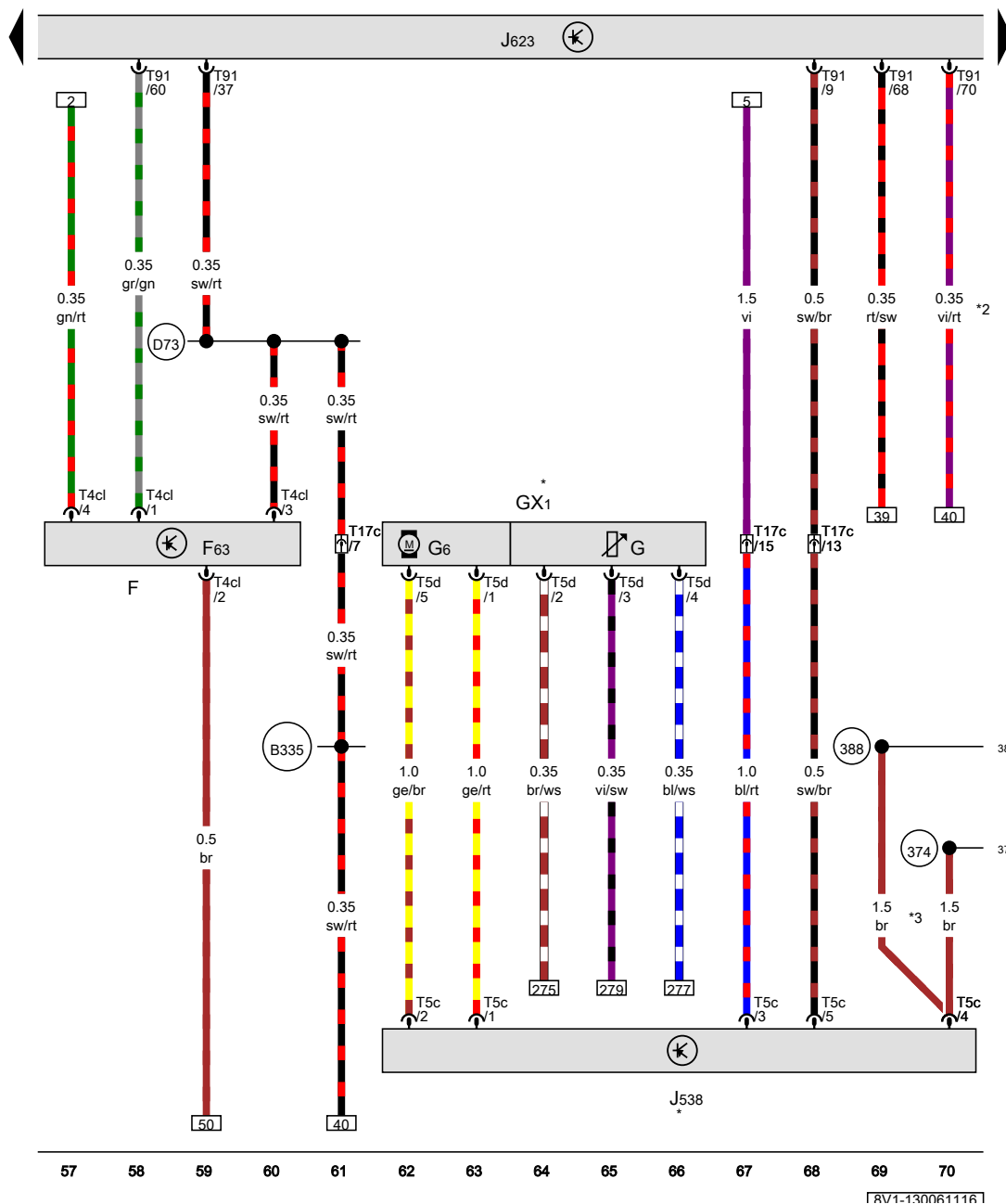
ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



Oil level and oil temperature sender, Clutch position sender, Engine control unit

- G266 Oil level and oil temperature sender
- G476 Clutch position sender
- J623 Engine control unit
- T3ag 3-pin connector, black
- T5o 5-pin connector, black
- T6a 6-pin connector, black
- T14 14-pin connector, grey
- T17b 17-pin connector, on lower section of left A-pillar, brown
- T17c 17-pin connector, on lower section of left A-pillar, red
- T91 91-pin connector, black
- T105 105-pin connector, black
- 85 Earth connection 1, in engine compartment wiring harness
- 131 Earth connection 2, in engine compartment wiring harness
- 419 Earth connection 11, in engine compartment wiring harness
- B466 Connection 2, in main wiring harness
- D52 Positive connection (15a), in engine compartment wiring harness
- D102 Connection 2 in engine compartment wiring harness
- D103 Connection 3 in engine compartment wiring harness
- * Only models with manual gearbox
- *2 According to equipment
- *3 see applicable current flow diagram for dual clutch gearbox
- *4 Cross section depends on equipment

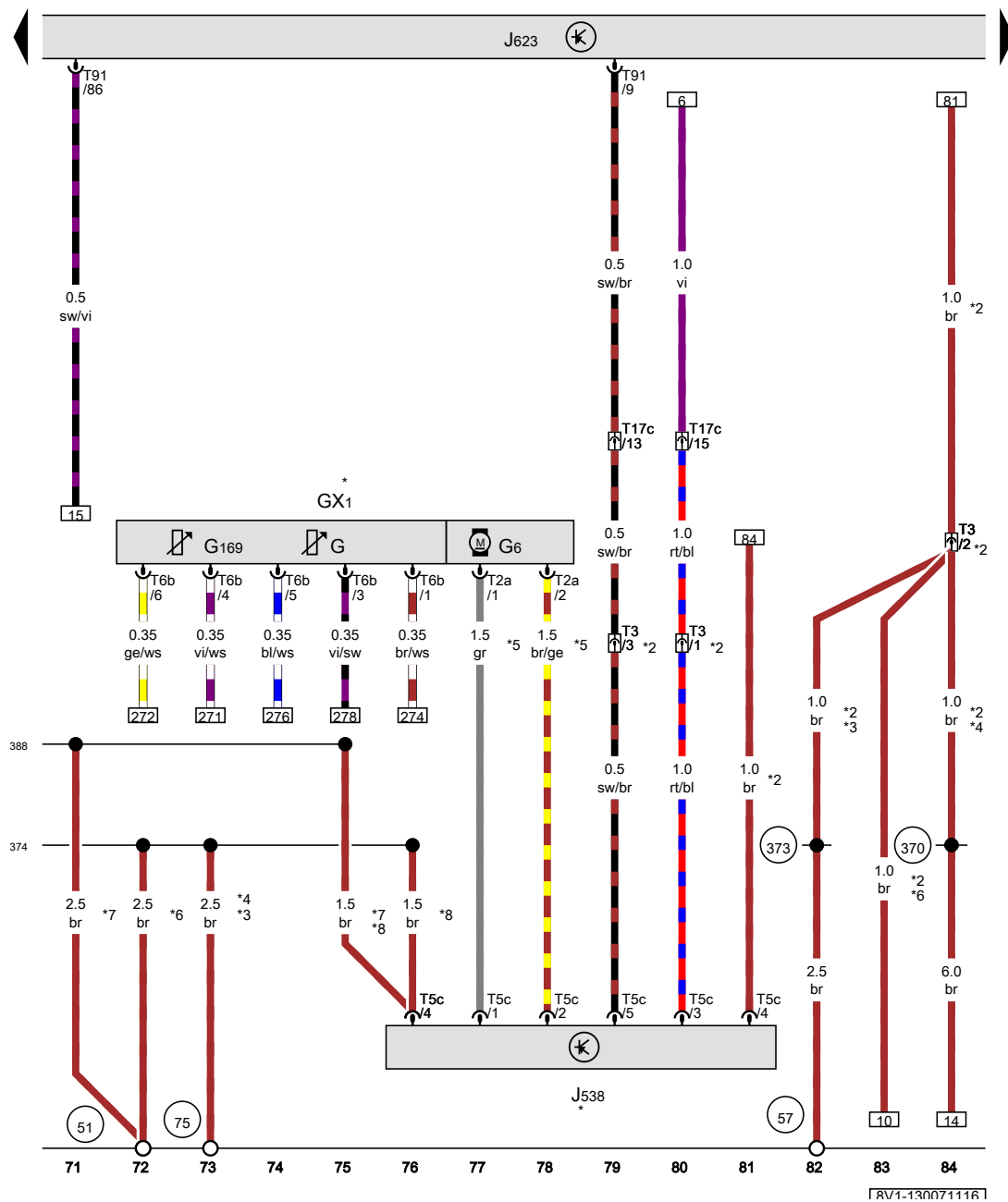
ws = white
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 gn = green
 bl = blue
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 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



Brake light switch, Brake pedal switch, Fuel gauge sender, Fuel delivery unit, Fuel system pressurisation pump, Engine control unit

- F Brake light switch
- F63 Brake pedal switch
- G Fuel gauge sender
- GX1 Fuel delivery unit
- G6 Fuel system pressurisation pump
- J538 Fuel pump control unit
- J623 Engine control unit
- T4cl 4-pin connector, black
- T5c 5-pin connector, black
- T5d 5-pin connector, black
- T17c 17-pin connector, on lower section of left A-pillar, red
- T91 91-pin connector, black
- 374 Earth connection 9, in main wiring harness
- 388 Earth connection 23, in main wiring harness
- B335 Connection 1 (54), in main wiring harness
- D73 Positive connection (54), in engine compartment wiring harness
- * Only models with front-wheel drive
- *2 Only models with cruise control system (CCS)
- *3 Only Cabriolet models

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



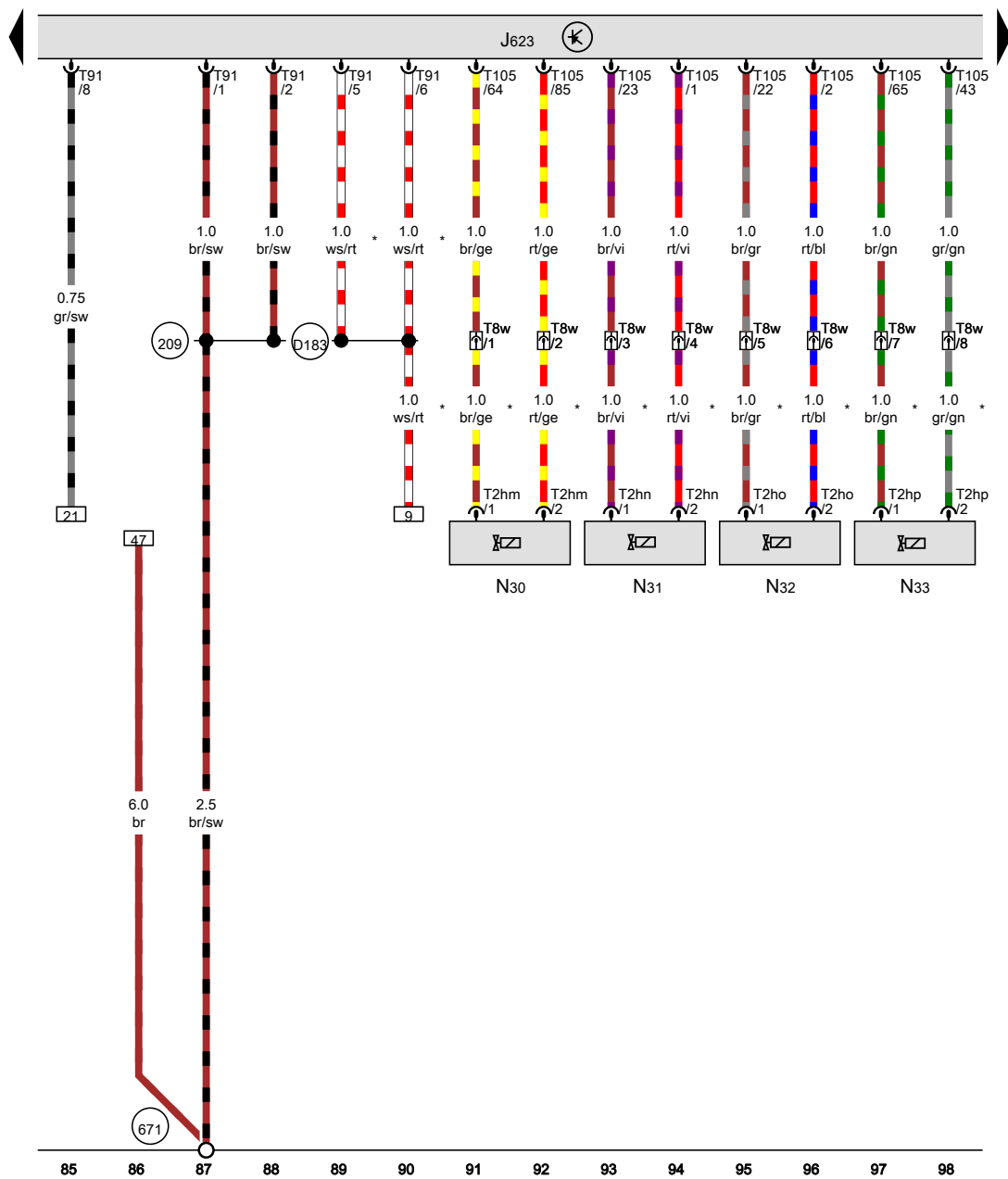
Fuel gauge sender, Fuel delivery unit, Fuel system pressurisation pump, Engine control unit

- G Fuel gauge sender
- GX1 Fuel delivery unit
- G6 Fuel system pressurisation pump
- G169 Fuel gauge sender 2
- J538 Fuel pump control unit
- J623 Engine control unit
- T2a 2-pin connector, black
- T3 3-pin connector, black
- T5c 5-pin connector, black
- T6b 6-pin connector, black
- T17c 17-pin connector, on lower section of left A-pillar, red
- T91 91-pin connector, black

- 51 Earth point, on right in luggage compartment
- 57 Earth point, rear left pillar
- 75 Earth point, rear right pillar
- 370 Earth connection 5, in main wiring harness
- 373 Earth connection 8, in main wiring harness
- 374 Earth connection 9, in main wiring harness
- 388 Earth connection 23, in main wiring harness

- * Only models with all-wheel drive
- *2 Only models with auxiliary heating
- *3 Only models with 3-doors
- *4 Only models with 5-doors
- *5 Wiring colour depends on equipment
- *6 Only models with 4-doors
- *7 Only Cabriolet models
- *8 Only models with no auxiliary heater

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

- J623 Engine control unit
- N30 Injector, cylinder 1
- N31 Injector, cylinder 2
- N32 Injector, cylinder 3
- N33 Injector, cylinder 4
- T2hm 2-pin connector, black
- T2hn 2-pin connector, black
- T2ho 2-pin connector, black
- T2hp 2-pin connector, black
- T8w 8-pin connector, black
- T91 91-pin connector, black
- T105 105-pin connector, black

209 Earth connection 6, in engine compartment wiring harness

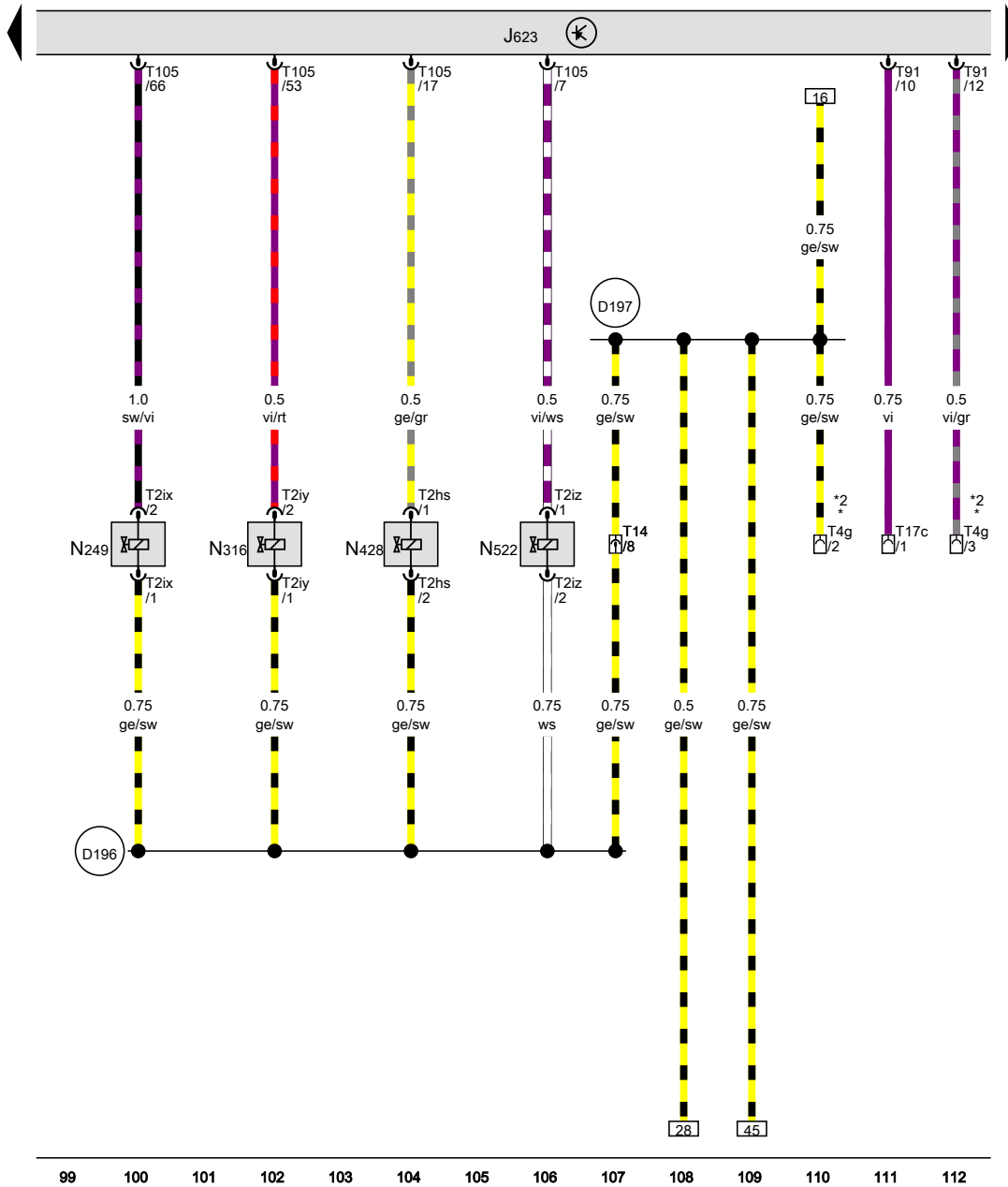
671 Earth point 1, on front of left longitudinal member

D183 Connection 4 (87a), in engine compartment wiring harness

* Wiring colour depends on equipment

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

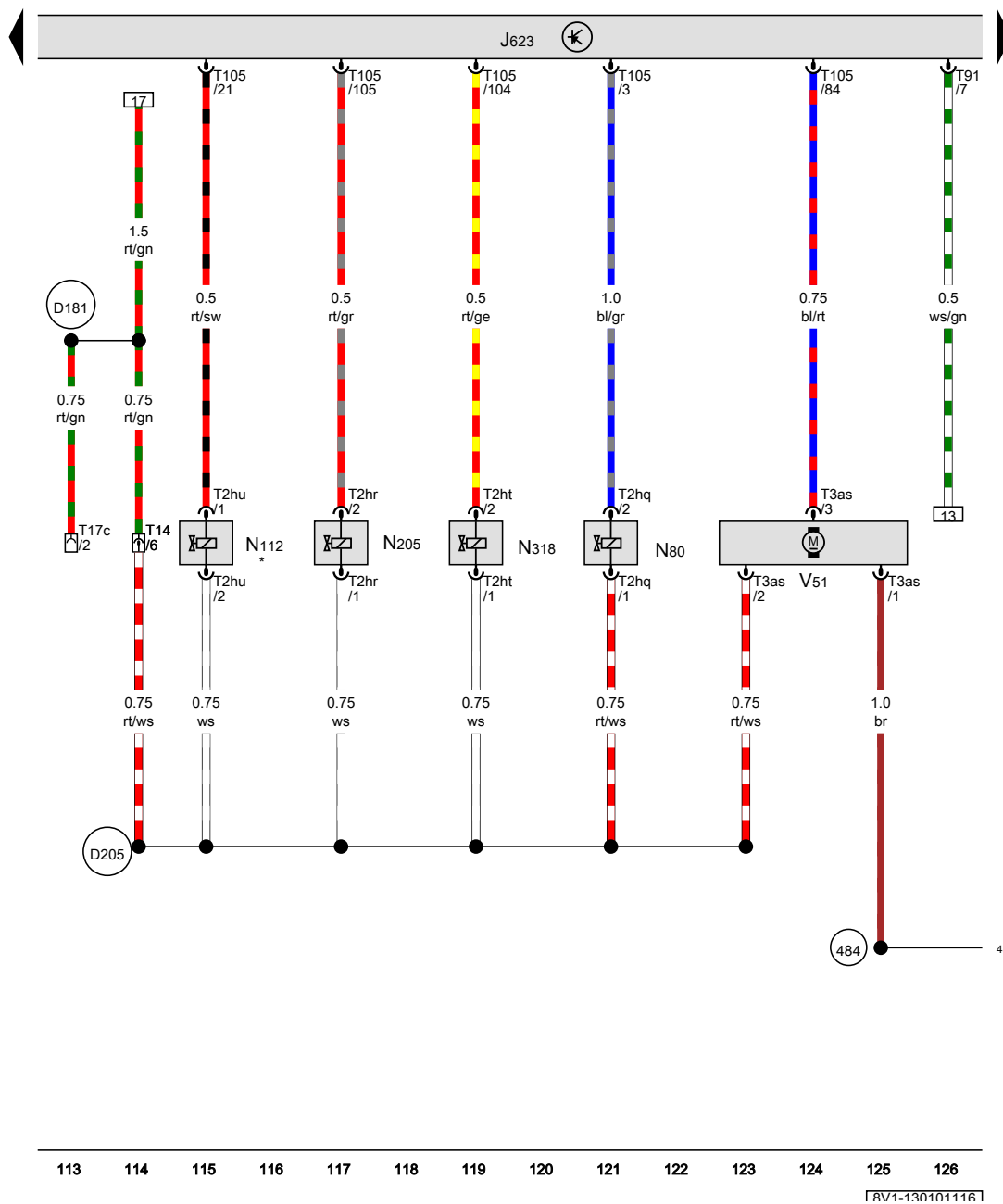
AV1-130081116



Engine control unit, Turbocharger air recirculation valve, Intake manifold flap valve, Valve for oil pressure control, Piston cooling jet control valve

- J623 Engine control unit
- N249 Turbocharger air recirculation valve
- N316 Intake manifold flap valve
- N428 Valve for oil pressure control
- N522 Piston cooling jet control valve
- T2hs 2-pin connector, black
- T2ix 2-pin connector, black
- T2iy 2-pin connector, black
- T2iz 2-pin connector, black
- T4g 4-pin connector, black
- T14 14-pin connector, grey
- T17c 17-pin connector, on lower section of left A-pillar, red
- T91 91-pin connector, black
- T105 105-pin connector, black
- D196 Connection 2 (87a) in engine prewiring harness
- D197 Connection 5 (87a), in engine compartment wiring harness
- * Radiator fan connection
- *2 see applicable current flow diagram for radiator fan

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



Engine control unit, Activated charcoal filter solenoid valve 1, Secondary air inlet valve, Camshaft control valve 1, Exhaust camshaft control valve 1, Continued coolant circulation pump

- J623 Engine control unit
- N80 Activated charcoal filter solenoid valve 1
- N112 Secondary air inlet valve
- N205 Camshaft control valve 1
- N318 Exhaust camshaft control valve 1
- T2hq 2-pin connector, black
- T2hr 2-pin connector, black
- T2ht 2-pin connector, black
- T2hu 2-pin connector, black
- T3as 3-pin connector, black
- T14 14-pin connector, grey
- T17c 17-pin connector, on lower section of left A-pillar, red
- T91 91-pin connector, black
- T105 105-pin connector, black
- V51 Continued coolant circulation pump

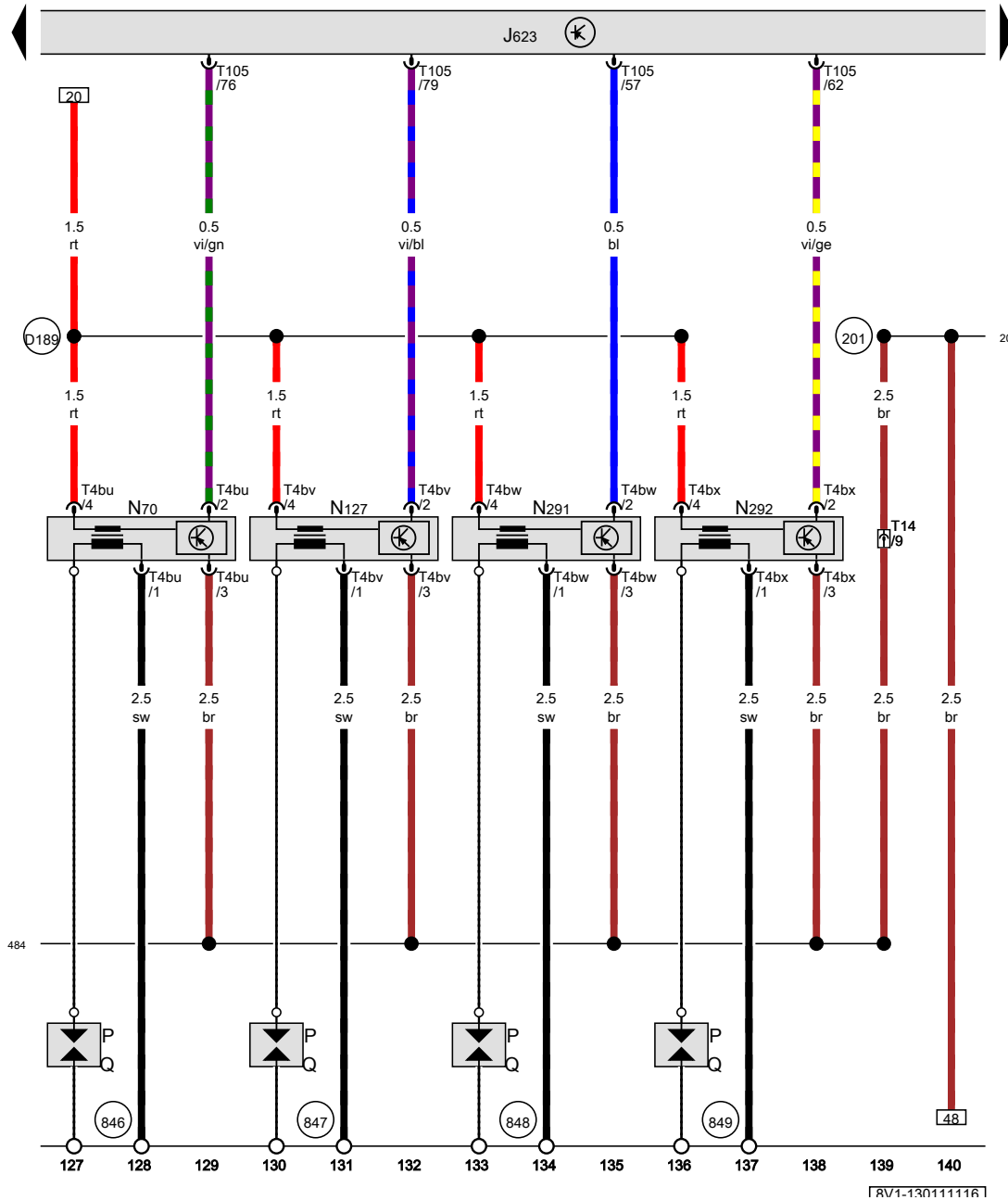
484 Earth connection 2 (ignition coils), in engine prewiring harness

D181 Connection 2 (87a), in engine compartment wiring harness

D205 Connection 3 (87a) in engine prewiring harness

* Only models with US equipment

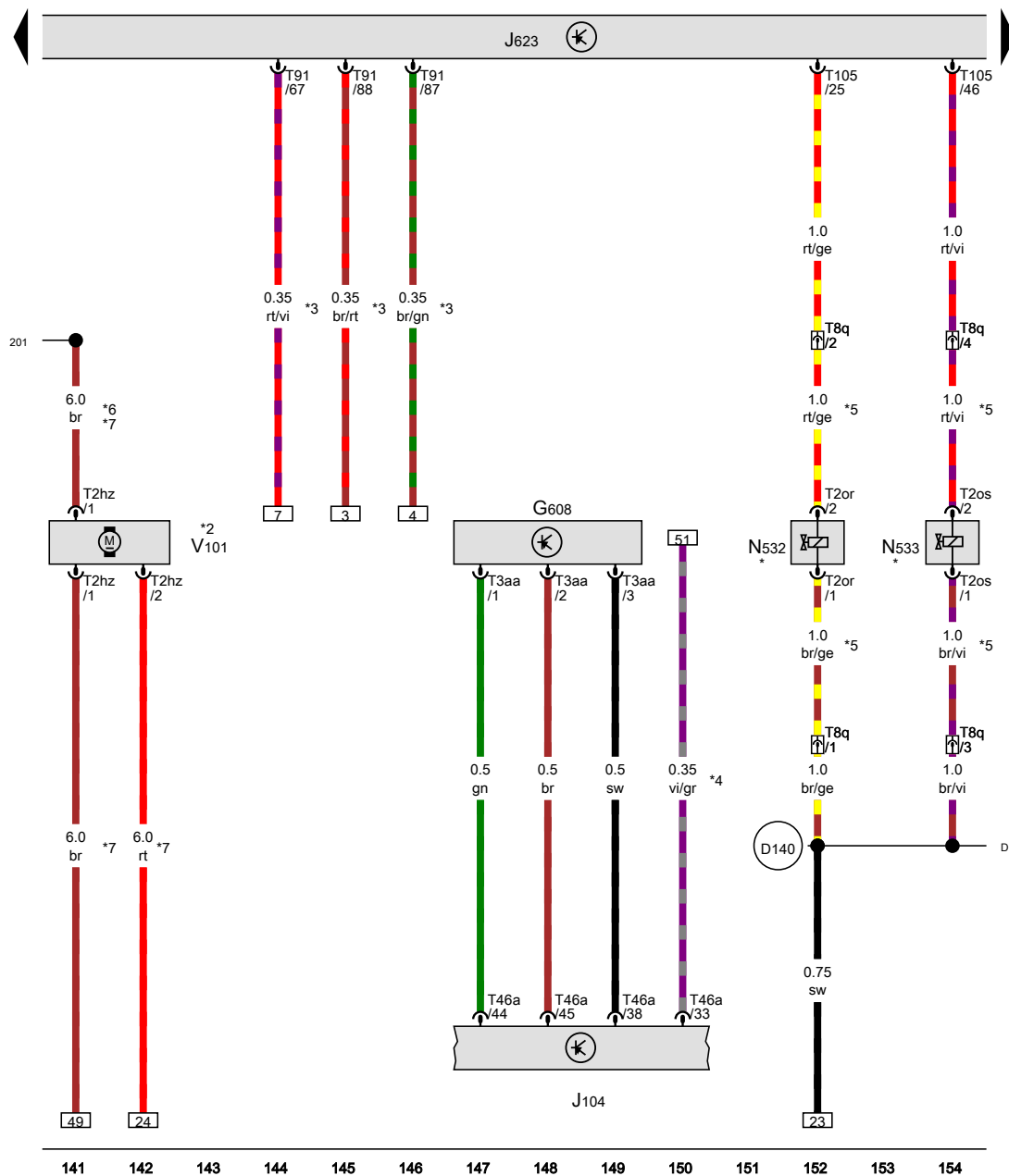
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



Engine control unit, Ignition coil 1 with output stage, Ignition coil 2 with output stage, Ignition coil 3 with output stage, Ignition coil 4 with output stage

- J623 Engine control unit
- N70 Ignition coil 1 with output stage
- N127 Ignition coil 2 with output stage
- N291 Ignition coil 3 with output stage
- N292 Ignition coil 4 with output stage
- P Spark plug connector
- Q Spark plugs
- T4bu 4-pin connector, black
- T4bv 4-pin connector, black
- T4bw 4-pin connector, black
- T4bx 4-pin connector, black
- T14 14-pin connector, grey
- T105 105-pin connector, black
- 201 Earth connection 5, in engine compartment wiring harness
- 484 Earth connection 2 (ignition coils), in engine prewiring harness
- 846 Earth point on ignition coil 1
- 847 Earth point on ignition coil 2
- 848 Earth point on ignition coil 3
- 849 Earth point on ignition coil 4
- D189 Connection (87a) in engine prewiring harness

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



Vacuum sender, Engine control unit, Injector 2, cylinder 1, Injector 2, cylinder 2, Secondary air pump motor

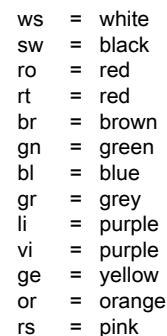
- G608 Vacuum sender
- J104 ABS control unit
- J623 Engine control unit
- N532 Injector 2, cylinder 1
- N533 Injector 2, cylinder 2
- T2hz 2-pin connector, black
- T2or 2-pin connector, black
- T2os 2-pin connector, black
- T3aa 3-pin connector, black
- T8q 8-pin connector, black
- T46a 46-pin connector, black
- T91 91-pin connector, black
- T105 105-pin connector, black
- V101 Secondary air pump motor

201 Earth connection 5, in engine compartment wiring harness

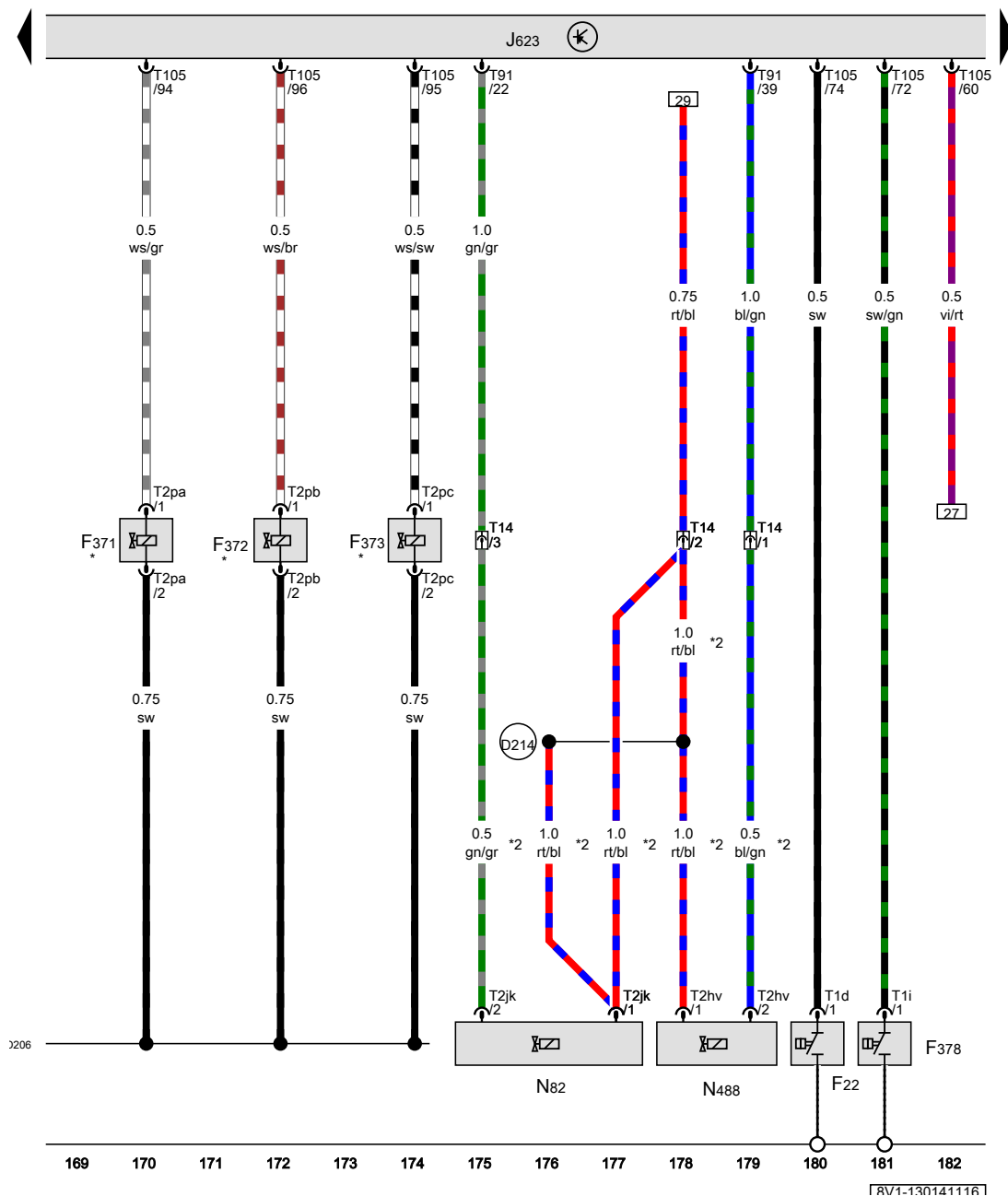
D140 Connection (injectors), in engine prewiring harness

- * Only models with no US equipment
- *2 Only models with US equipment
- *3 see applicable current flow diagram for battery in engine compartment
- *4 Only models with manual gearbox
- *5 Wiring colour depends on equipment
- *6 Gradually discontinued
- *7 Cross section depends on equipment

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



* Only models with no US equipment
*2 Wiring colour depends on equipment



Oil pressure switch, Actuator 6 for camshaft adjustment, Actuator 7 for camshaft adjustment, Actuator 8 for camshaft adjustment, Oil pressure switch for reduced oil pressure, Engine control unit, Coolant shut-off valve, Coolant valve for gearbox

- F22 Oil pressure switch
- F371 Actuator 6 for camshaft adjustment
- F372 Actuator 7 for camshaft adjustment
- F373 Actuator 8 for camshaft adjustment
- F378 Oil pressure switch for reduced oil pressure
- J623 Engine control unit
- N82 Coolant shut-off valve
- N488 Coolant valve for gearbox
- T1d 1-pin connector
- T1i 1-pin connector, black
- T2hv 2-pin connector, black
- T2jk 2-pin connector, black
- T2pa 2-pin connector, black
- T2pb 2-pin connector, black
- T2pc 2-pin connector, black
- T14 14-pin connector, grey
- T91 91-pin connector, black
- T105 105-pin connector, black

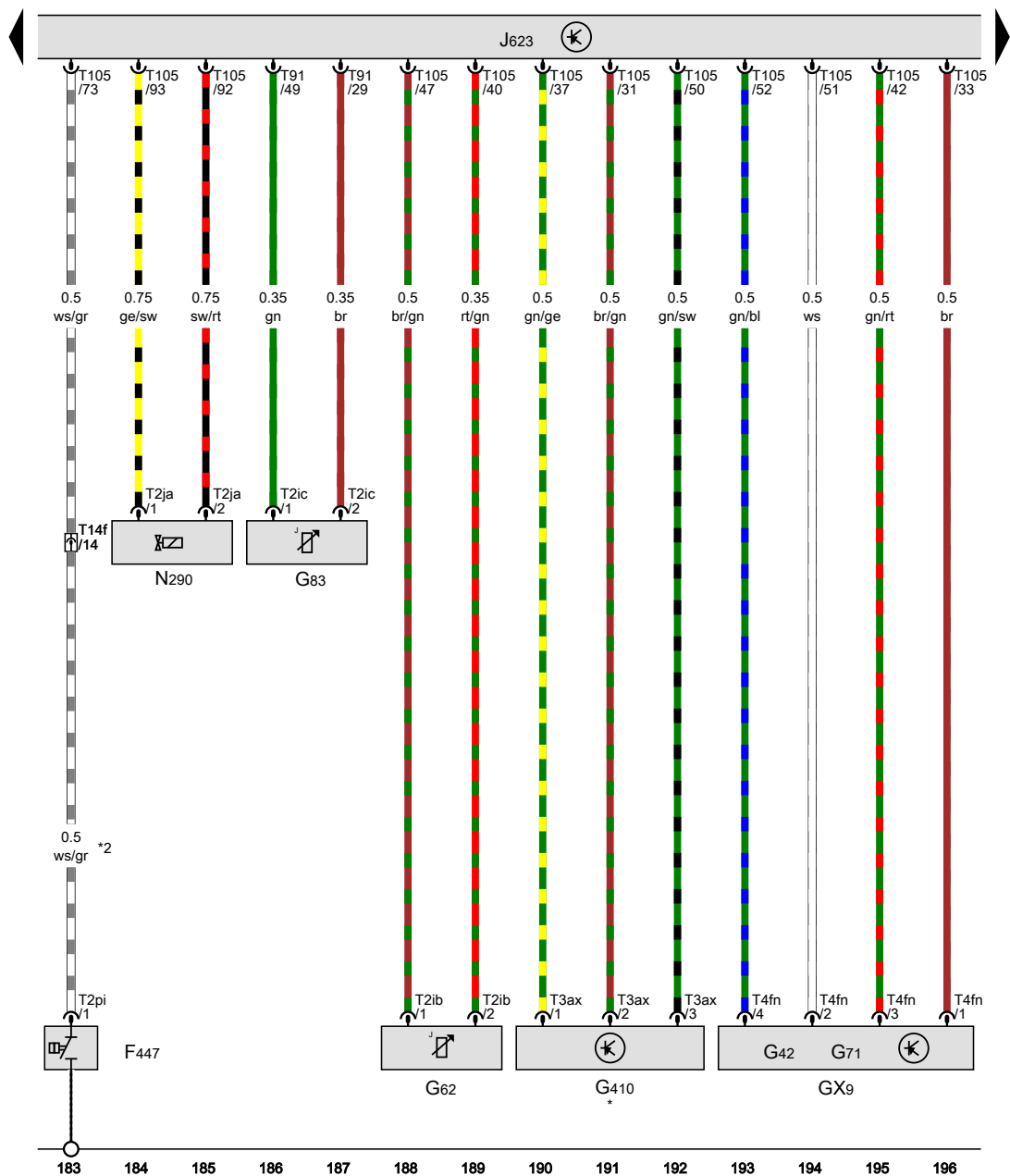
D206 Connection 4 (87a) in engine prewiring harness

D214 Connection 8 (87a), in engine compartment wiring harness

* Only models with no US equipment

*2 According to equipment

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



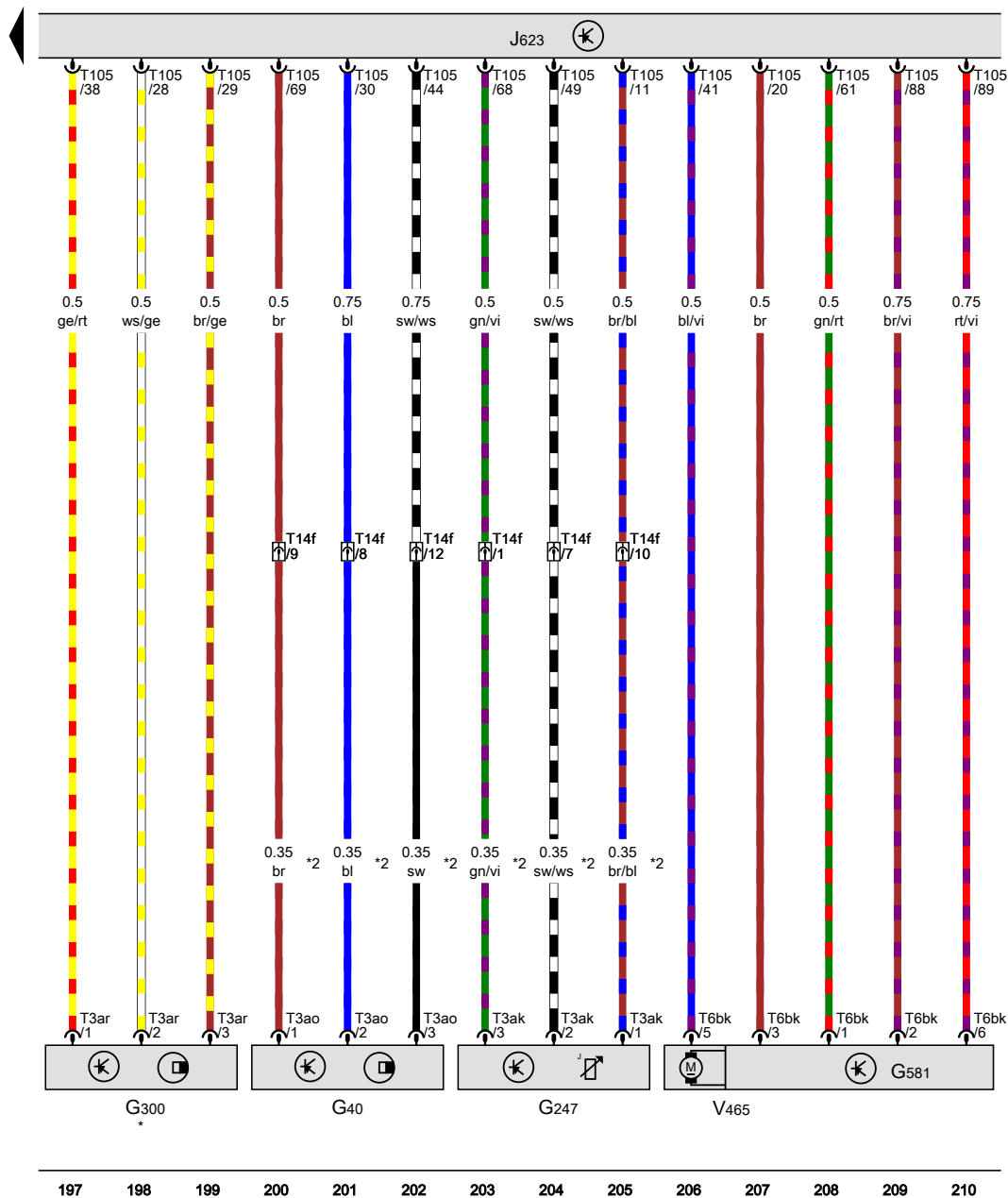
Intake manifold sender, Coolant temperature sender, Radiator outlet coolant temperature sender, Engine control unit, Fuel metering valve

- F447 Stage 3 oil pressure switch
- GX9 Intake manifold sender
- G42 Intake air temperature sender
- G62 Coolant temperature sender
- G71 Intake manifold pressure sender
- G83 Radiator outlet coolant temperature sender
- G410 Fuel pressure sender for low pressure
- J623 Engine control unit
- N290 Fuel metering valve
- T2ib 2-pin connector, black
- T2ic 2-pin connector, black
- T2ja 2-pin connector, black
- T2pi 2-pin connector, black
- T3ax 3-pin connector, blue
- T4fn 4-pin connector, black
- T14f 14-pin connector, in engine compartment, black
- T91 91-pin connector, black
- T105 105-pin connector, black
- * Only models with no US equipment
- *2 Wiring colour depends on equipment

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

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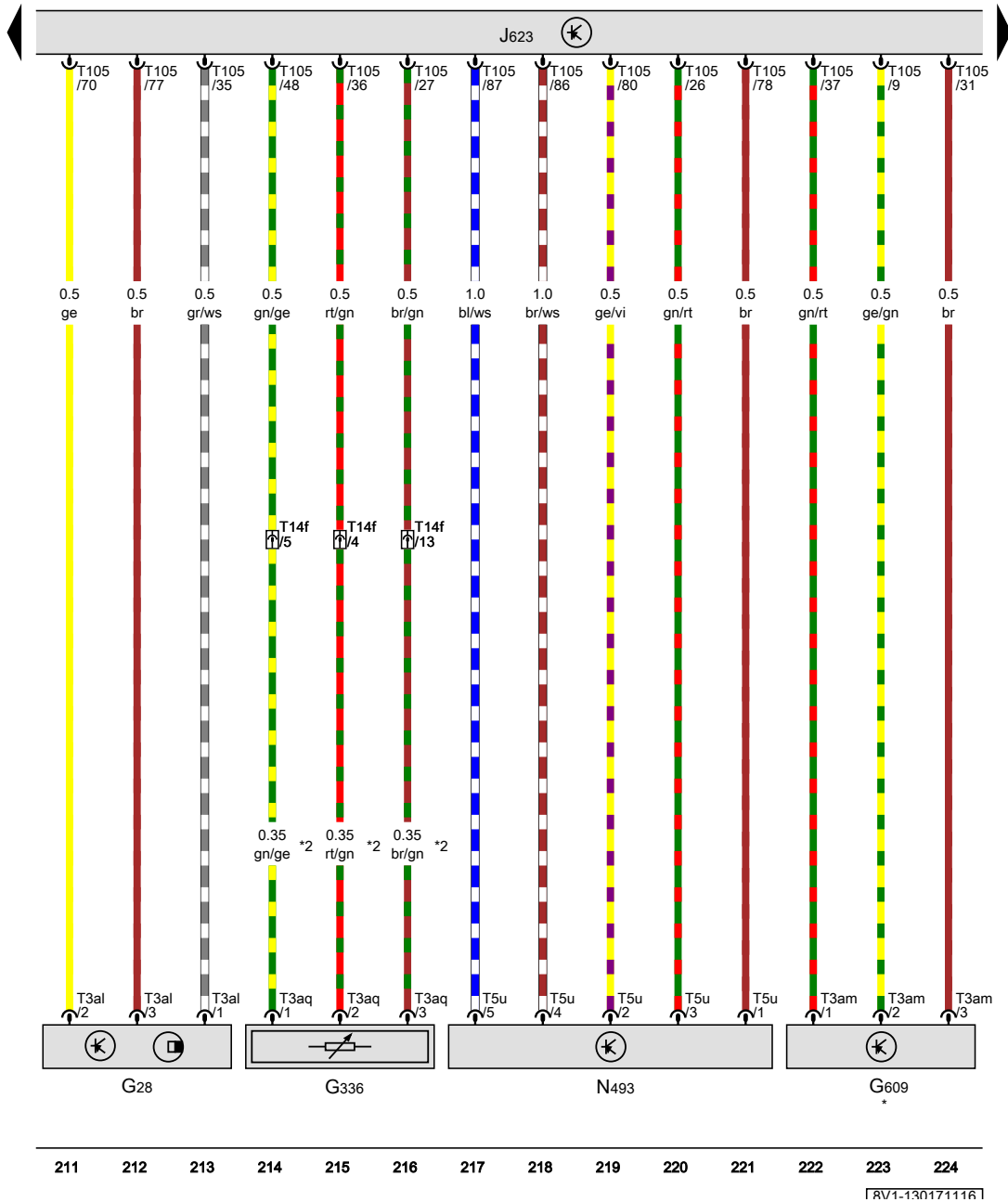
Hall sender, Fuel pressure sender, Hall sender 3, Engine control unit, Charge pressure positioner



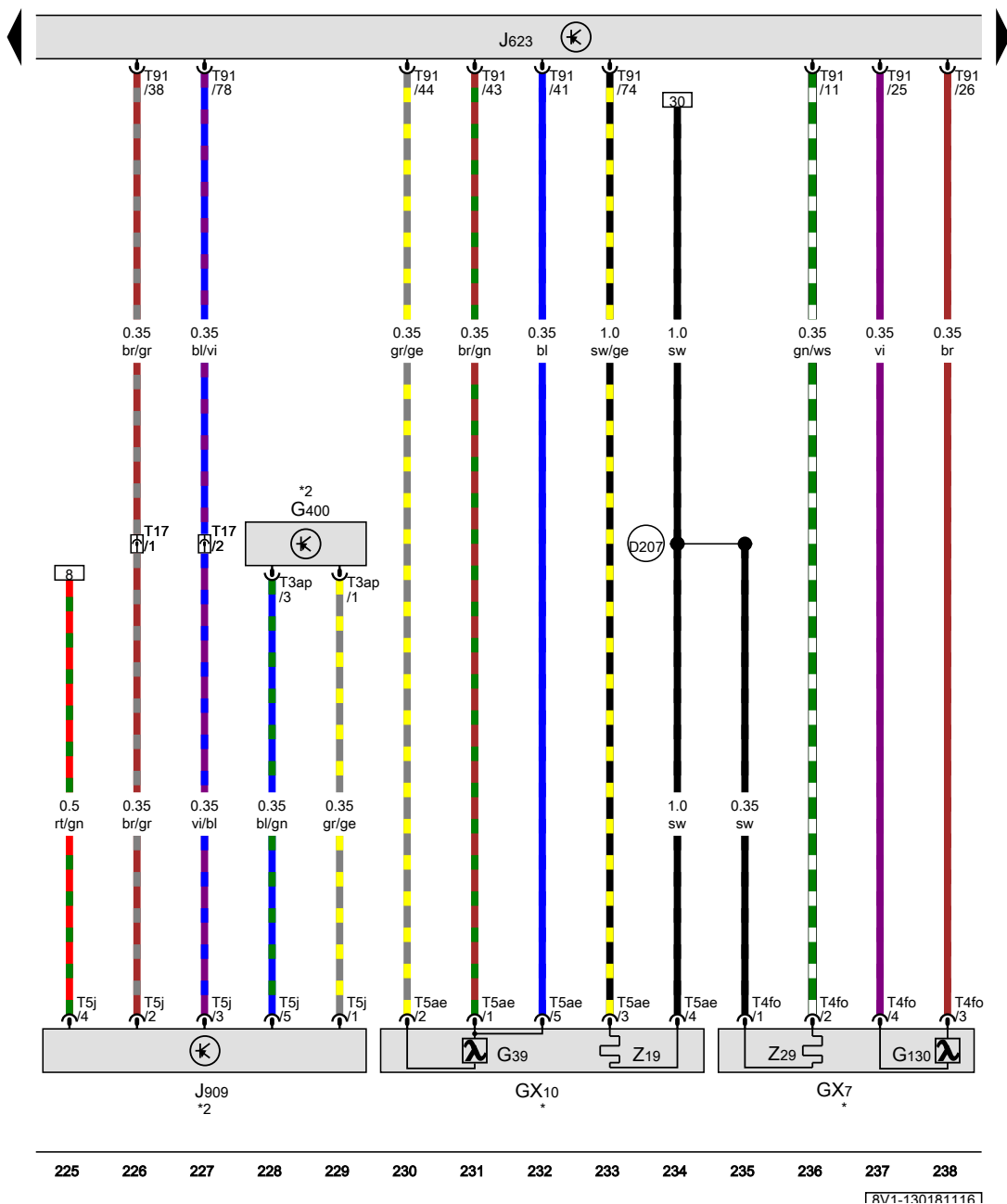
- G40 Hall sender
- G247 Fuel pressure sender
- G300 Hall sender 3
- G581 Position sender for charge pressure positioner
- J623 Engine control unit
- T3ak 3-pin connector, black
- T3ao 3-pin connector, black
- T3ar 3-pin connector, black
- T6bk 6-pin connector, grey
- T14f 14-pin connector, in engine compartment, black
- T105 105-pin connector, black
- V465 Charge pressure positioner
- * Only models with no US equipment
- *2 Wiring colour depends on equipment

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

[RV1-130161116]



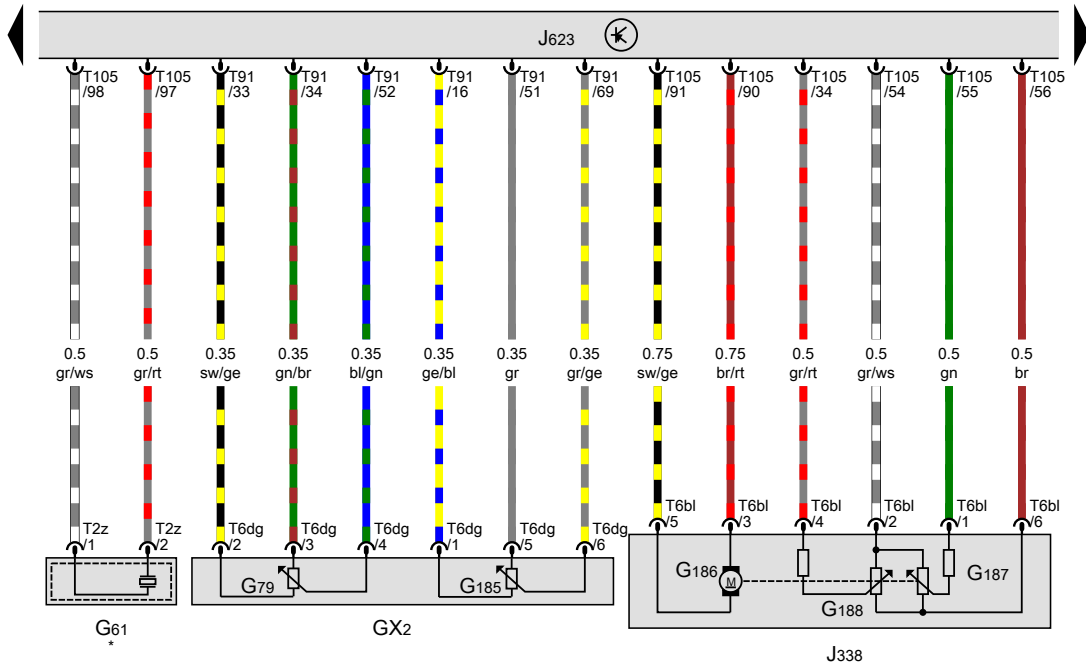
ws = white
sw = black
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rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink



Lambda probe 1 after catalytic converter, Lambda probe 1 before catalytic converter, Engine control unit, Control unit for fuel tank leak detection

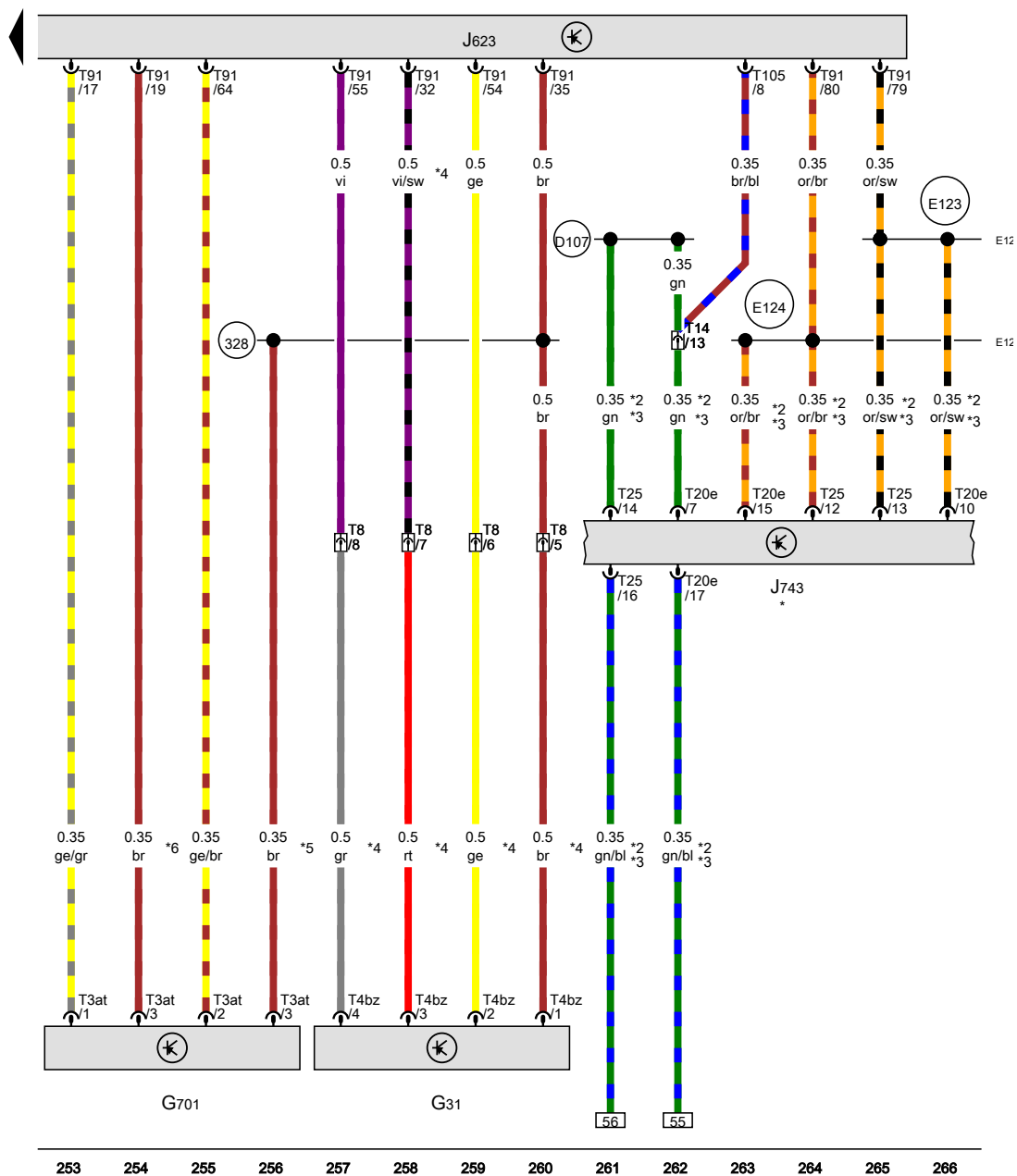
- GX7 Lambda probe 1 after catalytic converter
- GX10 Lambda probe 1 before catalytic converter
- G39 Lambda probe
- G130 Lambda probe after catalytic converter
- G400 Tank pressure sensor
- J623 Engine control unit
- J909 Control unit for fuel tank leak detection
- T3ap 3-pin connector, black
- T4fo 4-pin connector, black
- T5ae 5-pin connector, black
- T5j 5-pin connector, black
- T17 17-pin connector, blue
- T91 91-pin connector, black
- Z19 Lambda probe heater
- Z29 Lambda probe 1 heater after catalytic converter
- D207 Connection 7 (87a), in engine compartment wiring harness
- * Pre-wired component
- *2 Only for American markets

Accelerator pedal module, Knock sensor 1, Throttle valve module, Engine control unit



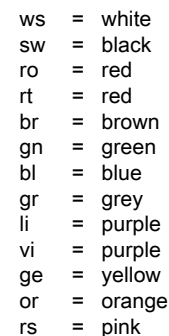
- GX2 Accelerator pedal module
- G61 Knock sensor 1
- G79 Accelerator position sender
- G185 Accelerator position sender 2
- G186 Throttle valve drive for electric throttle
- G187 Throttle valve drive angle sender 1 for electric throttle
- G188 Throttle valve drive angle sender 2 for electric throttle
- J338 Throttle valve module
- J623 Engine control unit
- T2z 2-pin connector, black
- T6bl 6-pin connector, black
- T6dg 6-pin connector, black
- T91 91-pin connector, black
- T105 105-pin connector, black
- * Pre-wired component

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



Charge pressure sender, Gearbox neutral position sender, Engine control unit, Mechatronic unit for dual clutch gearbox

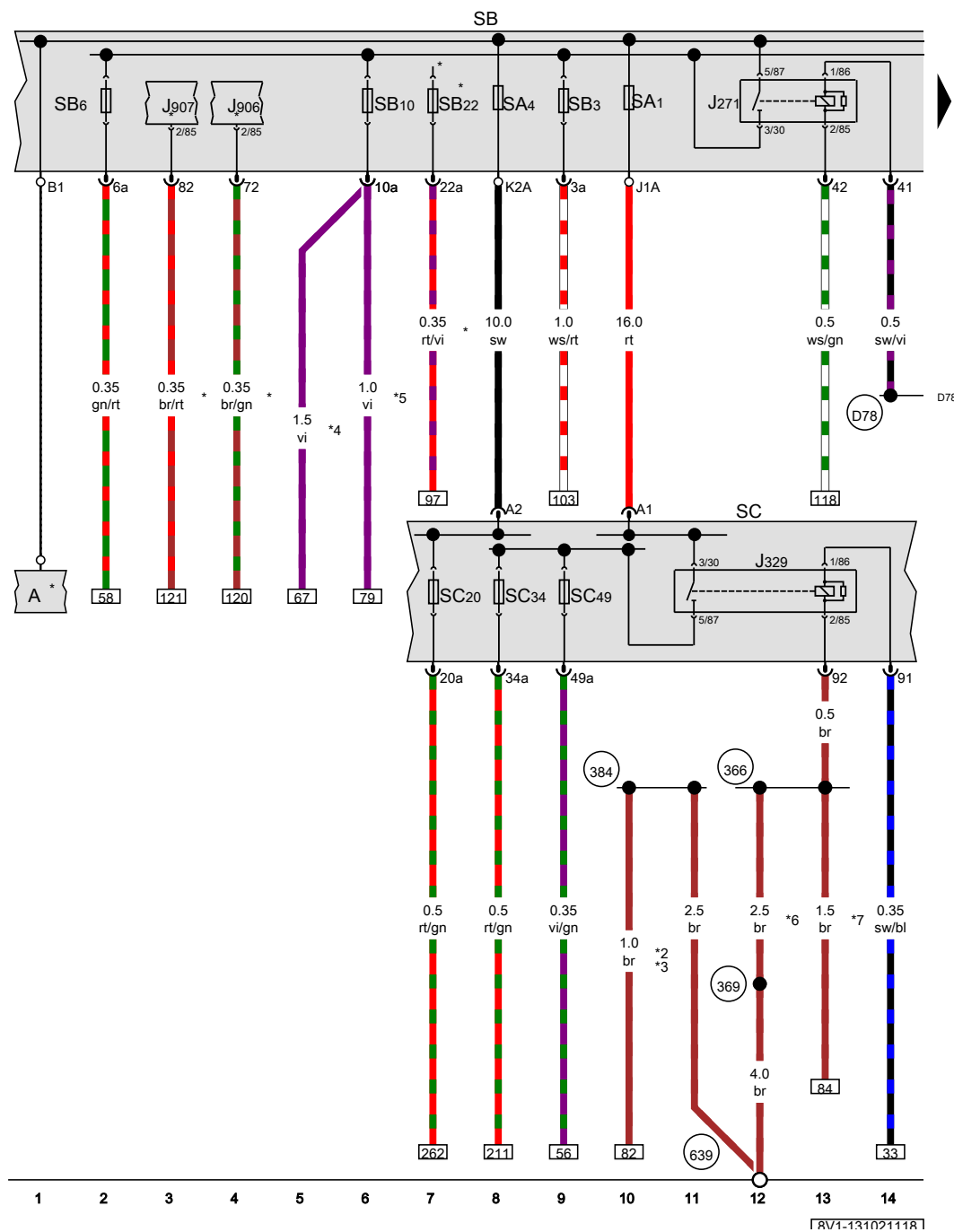
- G31 Charge pressure sender
- G701 Gearbox neutral position sender
- J623 Engine control unit
- J743 Mechatronic unit for dual clutch gearbox
- T3at 3-pin connector, black
- T4bz 4-pin connector, black
- T8 8-pin connector, black
- T14 14-pin connector, grey
- T20e 20-pin connector, black
- T25 25-pin connector, black
- T91 91-pin connector, black
- T105 105-pin connector, black
- 328 Earth connection 2 (sender earth), in engine compartment wiring harness
- D107 Connection 5 in engine compartment wiring harness
- E123 Connection 1 (powertrain CAN bus, high), in engine wiring harness
- E124 Connection 1 (powertrain CAN bus, low), in engine wiring harness
- * Only models with dual clutch gearbox
- *2 According to equipment
- *3 see applicable current flow diagram for dual clutch gearbox
- *4 Wiring colour depends on equipment
- *5 Gradually discontinued
- *6 gradual introduction



J285	Control unit in dash panel insert
J533	Data bus diagnostic interface
T17a	17-pin connector, on lower section of left A-pillar, black
T18	18-pin connector, black
T20a	20-pin connector, red
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B398	Connection 2 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
B407	Connection 2 (convenience CAN bus, low), in main wiring harness
E123	Connection 1 (powertrain CAN bus, high), in engine wiring harness
E124	Connection 1 (powertrain CAN bus, low), in engine wiring harness
*	Only right-hand drive models
*2	Only left-hand drive models

2.0l petrol engine , CHHB,CJXB,CJXC,CJXF,CNTC,CYFB,CJXG,CJXD

From November 2015

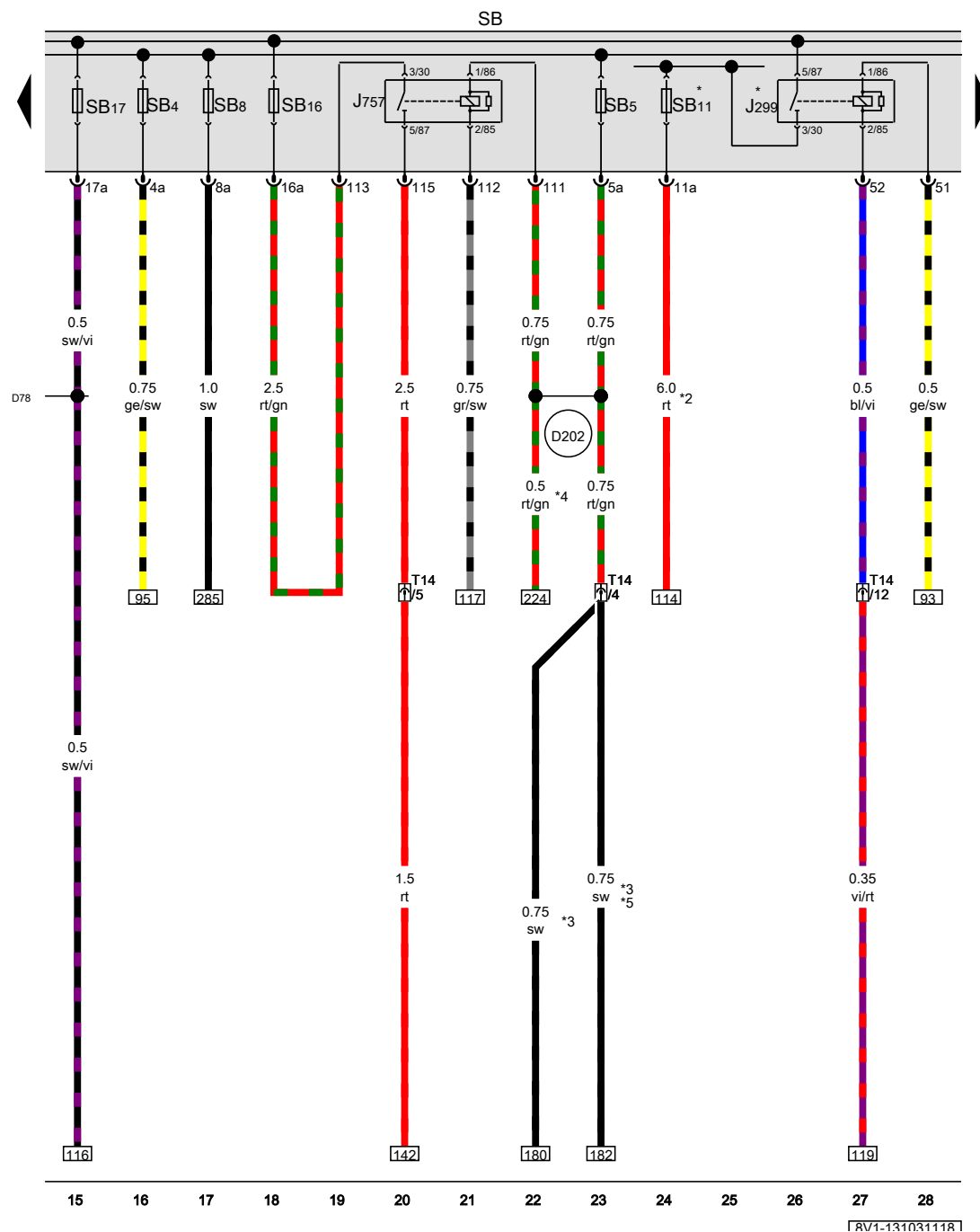


Main relay, Terminal 15 voltage supply relay, Fuse holder C

- A Battery
- J271 Main relay
- J329 Terminal 15 voltage supply relay
- J906 Starter relay 1
- J907 Starter relay 2
- SA1 Fuse 1 on fuse holder A
- SA4 Fuse 4 on fuse holder A
- SB Fuse holder B
- SB3 Fuse 3 on fuse holder B
- SB6 Fuse 6 on fuse holder B
- SB10 Fuse 10 on fuse holder B
- SB22 Fuse 22 on fuse holder B
- SC Fuse holder C
- SC20 Fuse 20 on fuse holder C
- SC34 Fuse 34 on fuse holder C
- SC49 Fuse 49 on fuse holder C

- 366 Earth connection 1, in main wiring harness
- 369 Earth connection 4, in main wiring harness
- 384 Earth connection 19, in main wiring harness
- 639 Earth point, left A-pillar
- D78 Positive connection 1 (30a), in engine compartment wiring harness
- * see applicable current flow diagram for battery in engine compartment
- *2 For models with auxiliary heating
- *3 For models with 4 doors
- *4 For models with front-wheel drive
- *5 For models with all-wheel drive
- *6 For left-hand drive models
- *7 For right-hand drive models

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



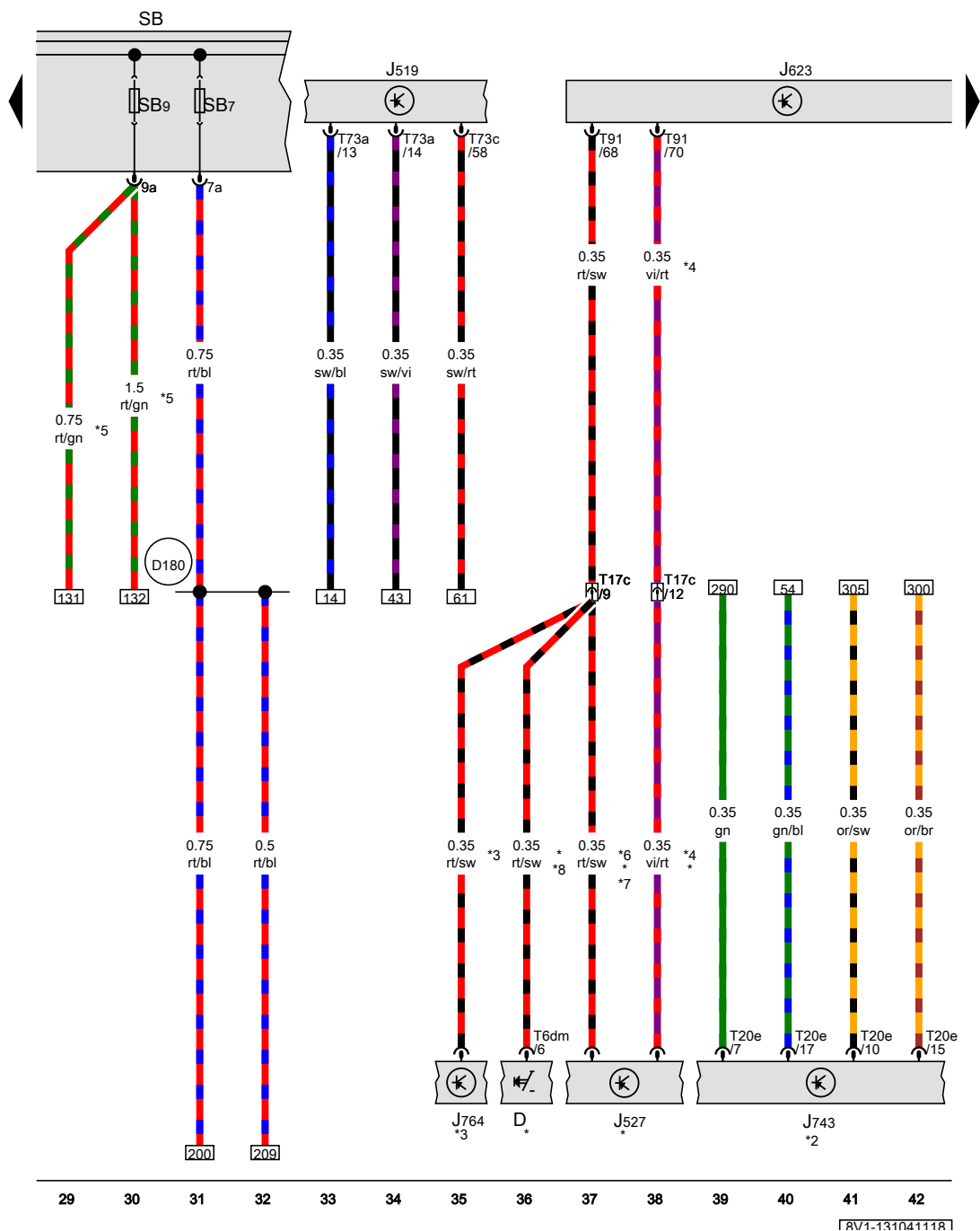
Secondary air pump relay, Engine component current supply relay, Fuse 8 on fuse holder B

- J299 Secondary air pump relay
- J757 Engine component current supply relay
- SB Fuse holder B
- SB4 Fuse 4 on fuse holder B
- SB5 Fuse 5 on fuse holder B
- SB8 Fuse 8 on fuse holder B
- SB11 Fuse 11 on fuse holder B
- SB16 Fuse 16 on fuse holder B
- SB17 Fuse 17 on fuse holder B
- T14 14-pin connector, grey

D78 Positive connection 1 (30a), in engine compartment wiring harness

D202 Connection 6 (87a), in engine compartment wiring harness

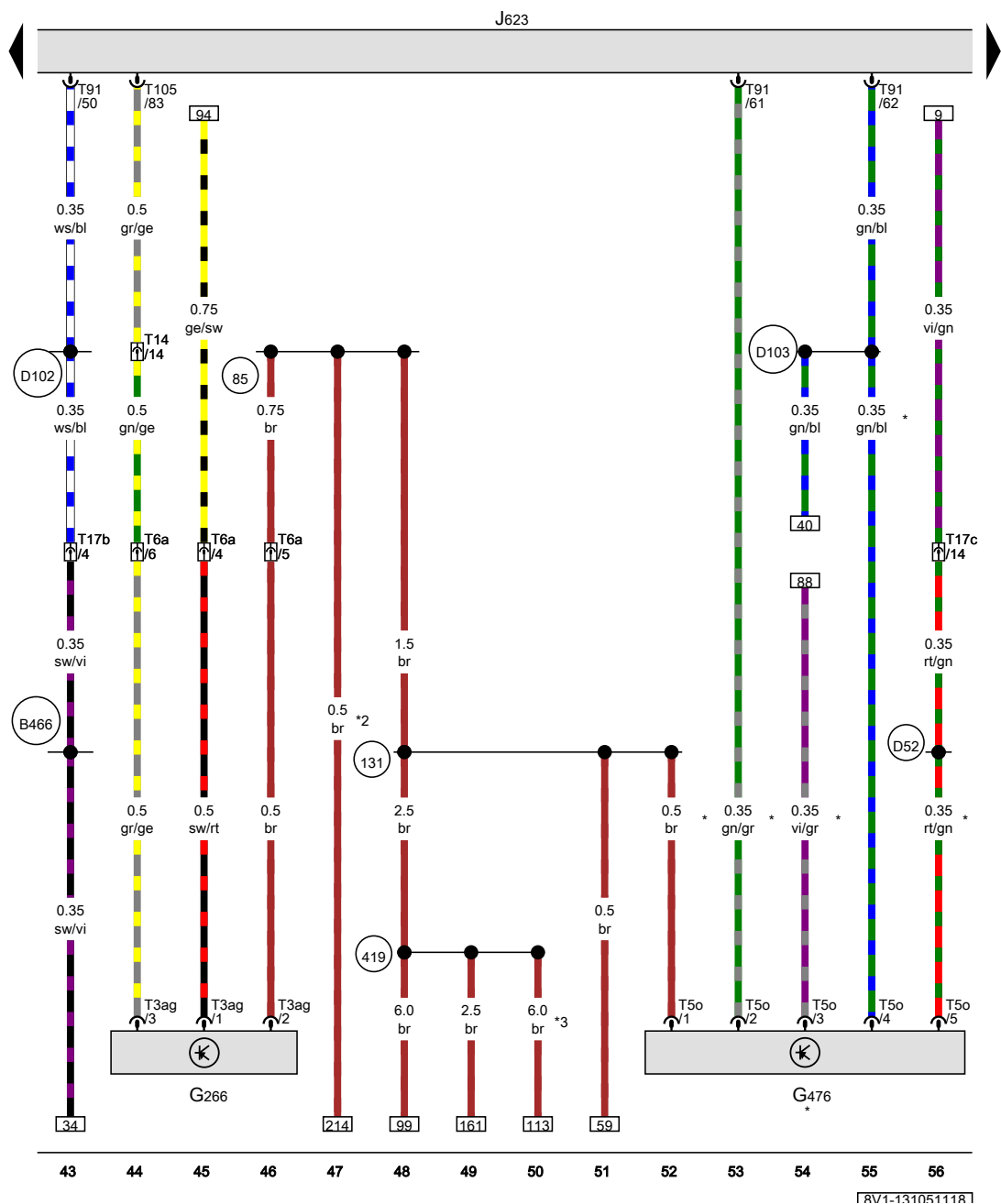
- * For models with US equipment
- *2 Cross section depends on equipment
- *3 According to equipment
- *4 Gradually discontinued
- *5 For models with no US equipment



Onboard supply control unit, Steering column electronics control unit, Engine/motor control unit, Mechatronic unit for dual clutch gearbox, Fuse 7 on fuse holder B

- D Ignition/starter switch
- J519 Onboard supply control unit
- J527 Steering column electronics control unit
- J623 Engine/motor control unit
- J743 Mechatronic unit for dual clutch gearbox
- J764 Control unit for electronic steering column lock
- SB Fuse holder B
- SB7 Fuse 7 on fuse holder B
- SB9 Fuse 9 on fuse holder B
- T6dm 6-pin connector, black
- T17c 17-pin connector, on lower section of left A-pillar, red
- T20e 20-pin connector, black
- T73a 73-pin connector, black
- T73c 73-pin connector, black
- T91 91-pin connector, black
- D180 Connection (87a), in engine compartment wiring harness
- * see applicable current flow diagram for steering column electronics
- *2 For models with dual clutch gearbox
- *3 see applicable current flow diagram for entry and start authorisation
- *4 For models with cruise control system (CCS)
- *5 According to equipment
- *6 For models with no entry and start authorisation
- *7 Up to June 2018
- *8 From July 2018

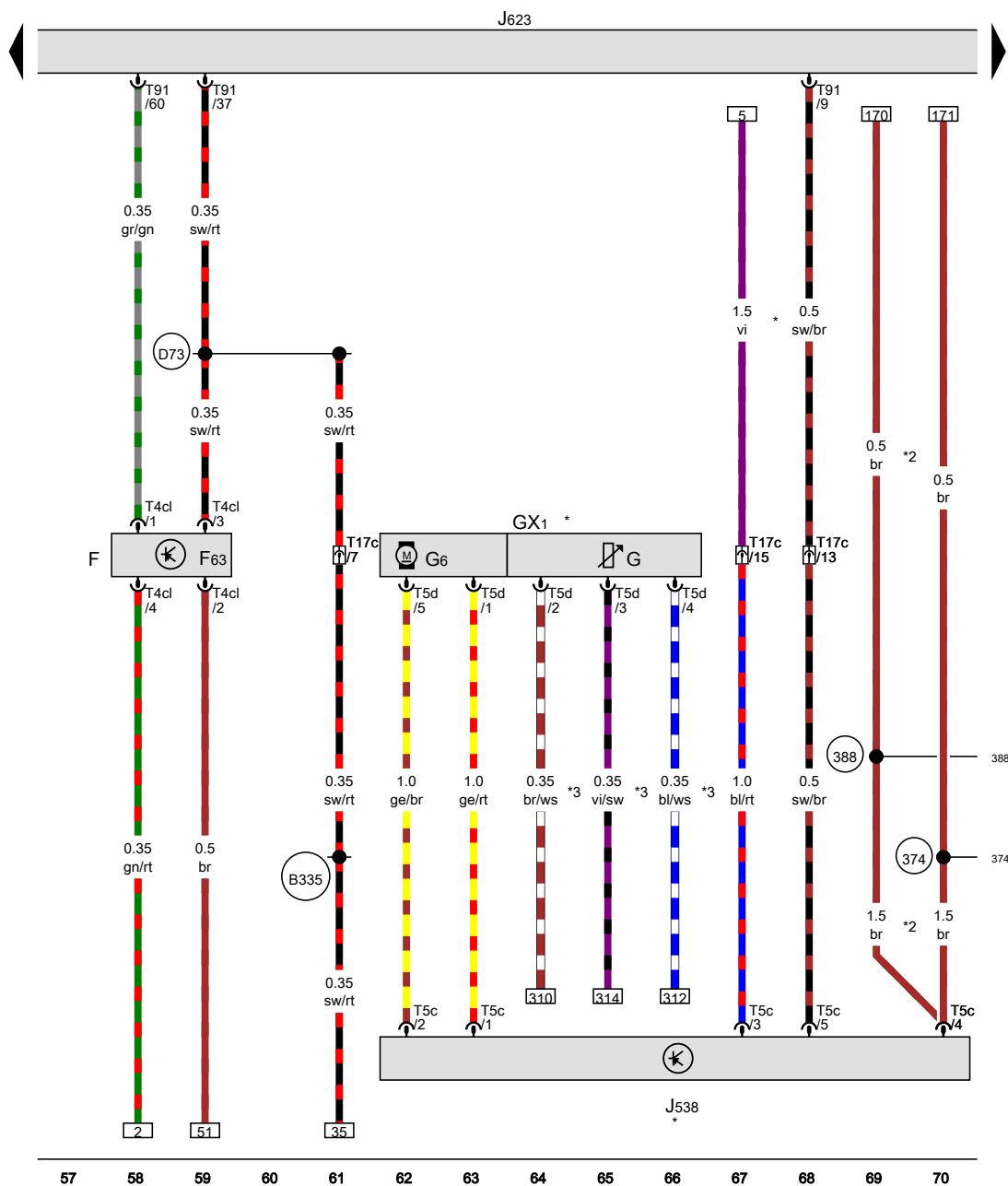
Oil level and oil temperature sender, Clutch position sender, Engine/motor control unit



- G266 Oil level and oil temperature sender
- G476 Clutch position sender
- J623 Engine/motor control unit
- T3ag 3-pin connector, black
- T5o 5-pin connector, black
- T6a 6-pin connector, black
- T14 14-pin connector, grey
- T17b 17-pin connector, on lower section of left A-pillar, brown
- T17c 17-pin connector, on lower section of left A-pillar, red
- T91 91-pin connector, black
- T105 105-pin connector, black

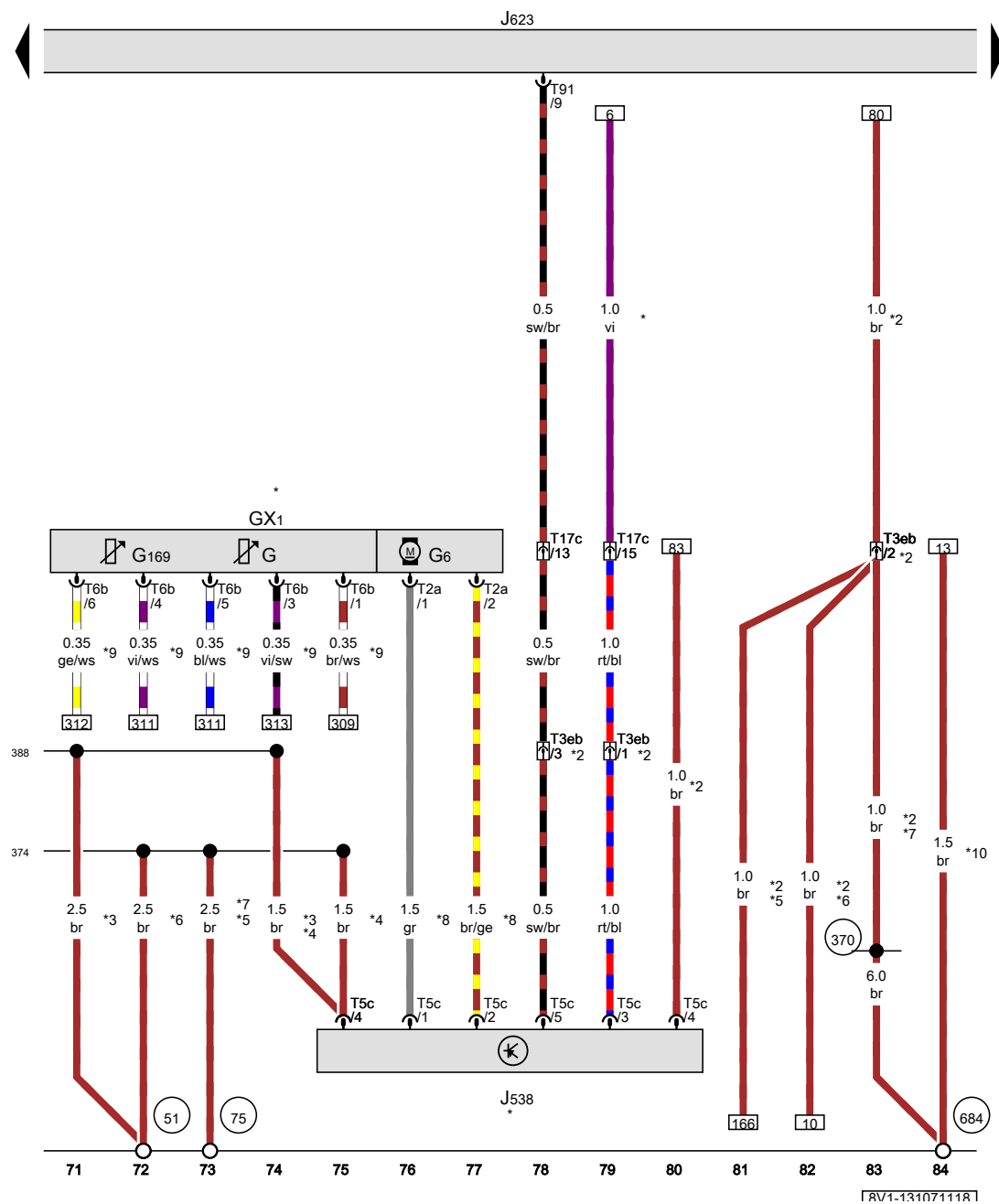
- 85 Earth connection 1, in engine compartment wiring harness
- 131 Earth connection 2, in engine compartment wiring harness
- 419 Earth connection 11, in engine compartment wiring harness
- B466 Connection 2, in main wiring harness
- D52 Positive connection (15a), in engine compartment wiring harness
- D102 Connection 2 in engine compartment wiring harness
- D103 Connection 3 in engine compartment wiring harness
- * For models with manual gearbox
- *2 For right-hand drive models
- *3 Cross section depends on equipment

Brake light switch, Fuel gauge sender, Fuel delivery unit, Fuel system pressurisation pump, Engine/motor control unit



- F Brake light switch
- F63 Brake pedal switch
- G Fuel gauge sender
- GX1 Fuel delivery unit
- G6 Fuel system pressurisation pump
- J538 Fuel pump control unit
- J623 Engine/motor control unit
- T4cl 4-pin connector, black
- T5c 5-pin connector, black
- T5d 5-pin connector, black
- T17c 17-pin connector, on lower section of left A-pillar, red
- T91 91-pin connector, black
- 374 Earth connection 9, in main wiring harness
- 388 Earth connection 23, in main wiring harness
- B335 Connection 1 (54), in main wiring harness
- D73 Positive connection (54), in engine compartment wiring harness
- * For models with front-wheel drive
- *2 For Cabriolet models
- *3 see applicable current flow diagram for fuel system

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



Fuel gauge sender, Fuel delivery unit, Fuel system pressurisation pump, Engine/motor control unit

- G Fuel gauge sender
- GX1 Fuel delivery unit
- G6 Fuel system pressurisation pump
- G169 Fuel gauge sender 2
- J538 Fuel pump control unit
- J623 Engine/motor control unit
- T2a 2-pin connector, black
- T3eb 3-pin connector, black
- T5c 5-pin connector, black
- T6b 6-pin connector, black
- T17c 17-pin connector, on lower section of left A-pillar, red
- T91 91-pin connector, black

- 51 Earth point, on right in luggage compartment
- 75 Earth point, rear right pillar
- 370 Earth connection 5, in main wiring harness
- 374 Earth connection 9, in main wiring harness
- 388 Earth connection 23, in main wiring harness
- 684 Earth point on front of left side member

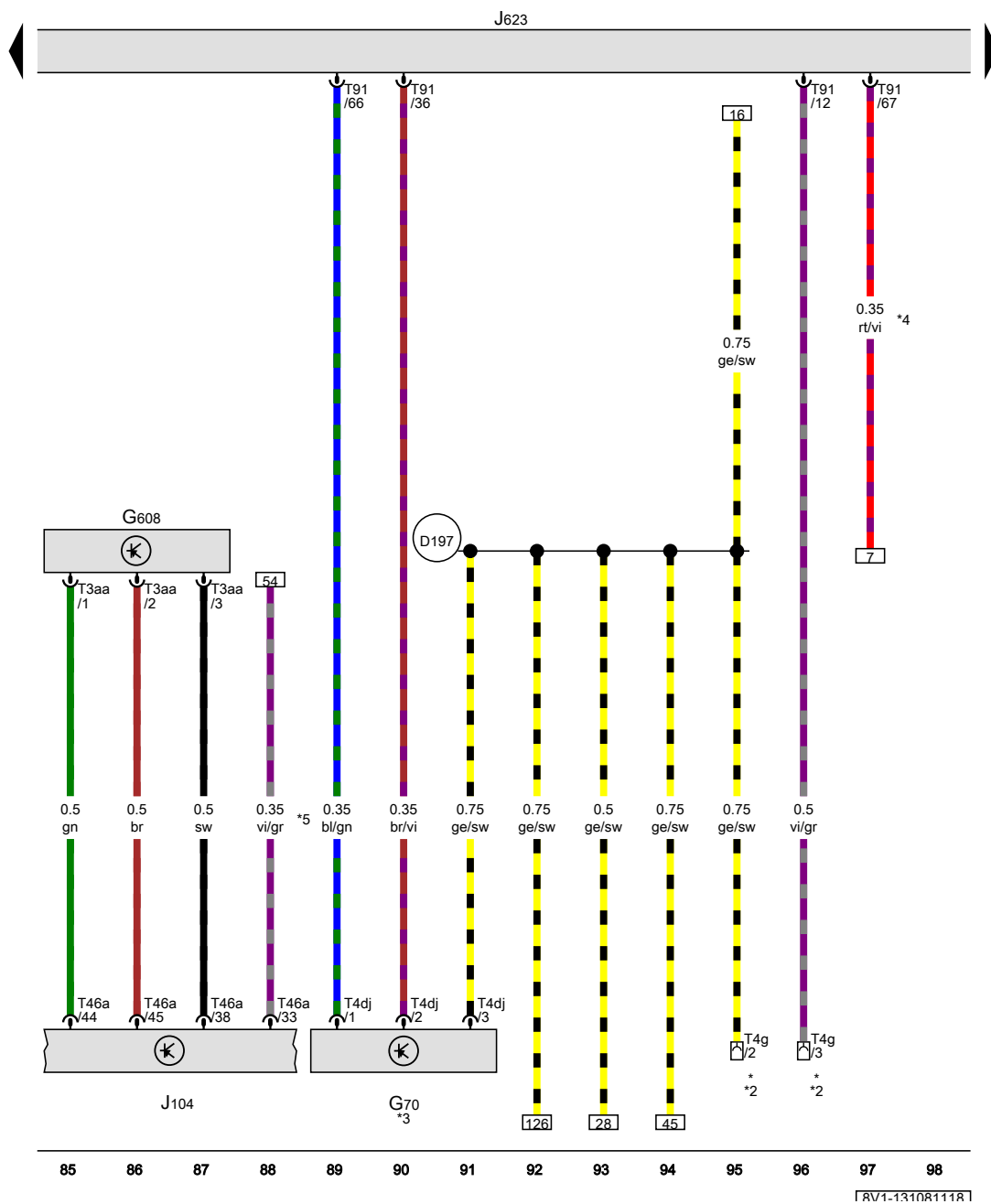
- * For models with all-wheel drive
- *2 For models with auxiliary heating
- *3 For Cabriolet models
- *4 For models with no auxiliary heater
- *5 For models with 3 doors
- *6 For models with 4 doors
- *7 For models with 5 doors
- *8 Wiring colour depends on equipment
- *9 see applicable current flow diagram for fuel system
- *10 For right-hand drive models

Vacuum sender, Engine/motor control unit

- G70 Air mass meter
- G608 Vacuum sender
- J104 ABS control unit
- J623 Engine/motor control unit
- T3aa 3-pin connector, black
- T4dj 4-pin connector, black
- T4g 4-pin connector, black
- T46a 46-pin connector, black
- T91 91-pin connector, black

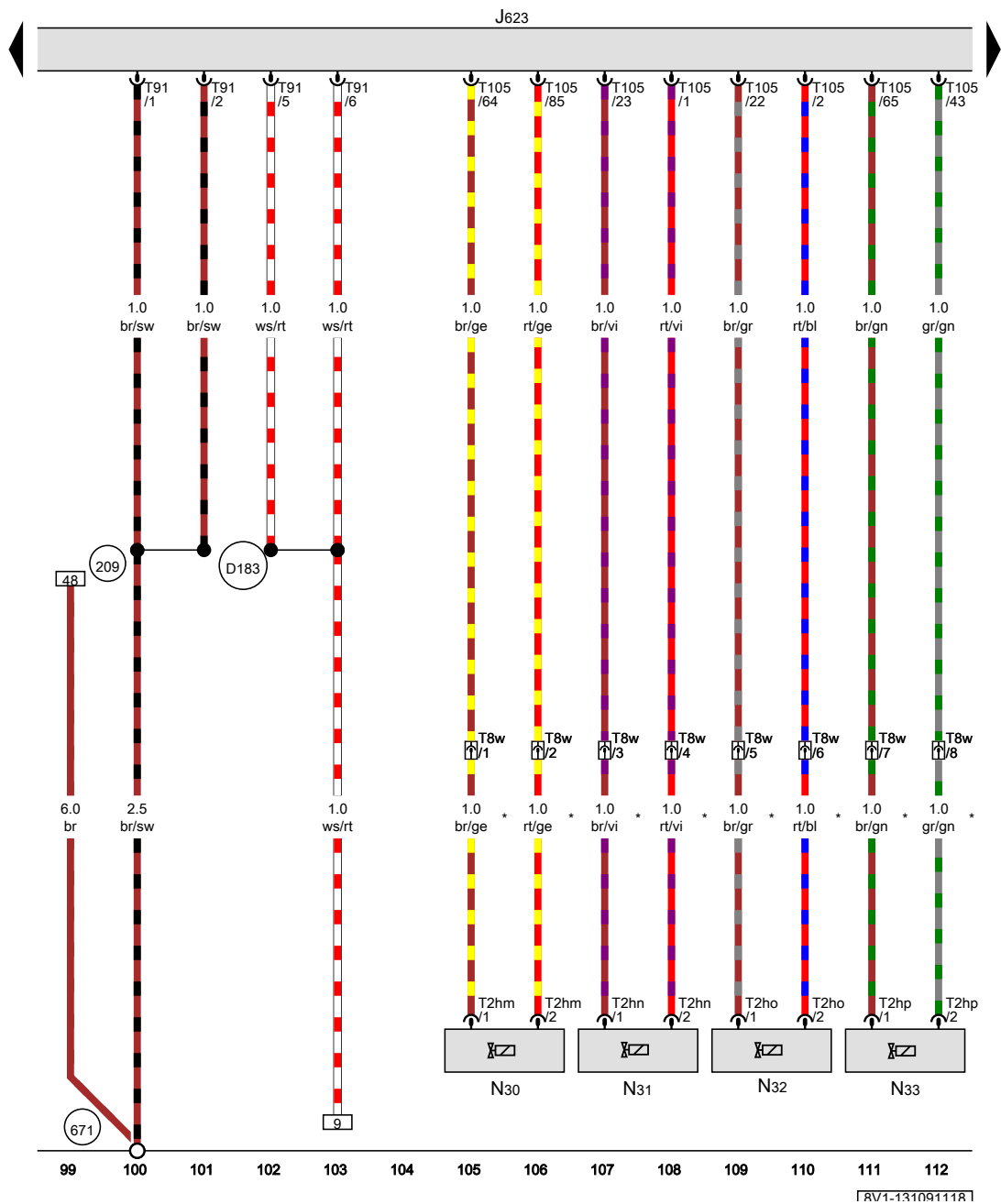
D197 Connection 5 (87a), in engine compartment wiring harness

- * Radiator fan connection
- *2 see applicable current flow diagram for radiator fan
- *3 Gradually discontinued
- *4 see applicable current flow diagram for battery in engine compartment
- *5 For models with manual gearbox

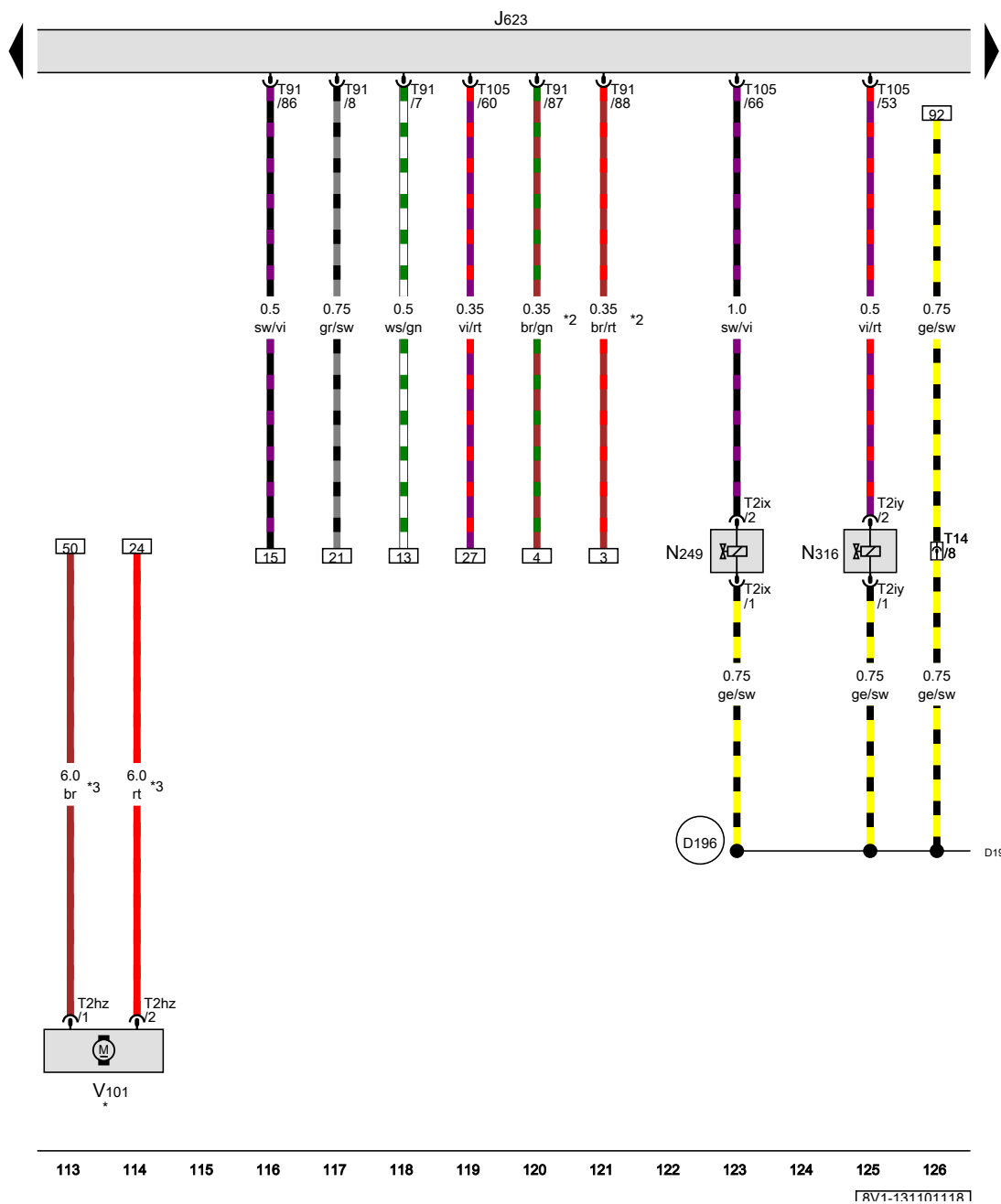


- ws = white
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- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Engine/motor control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

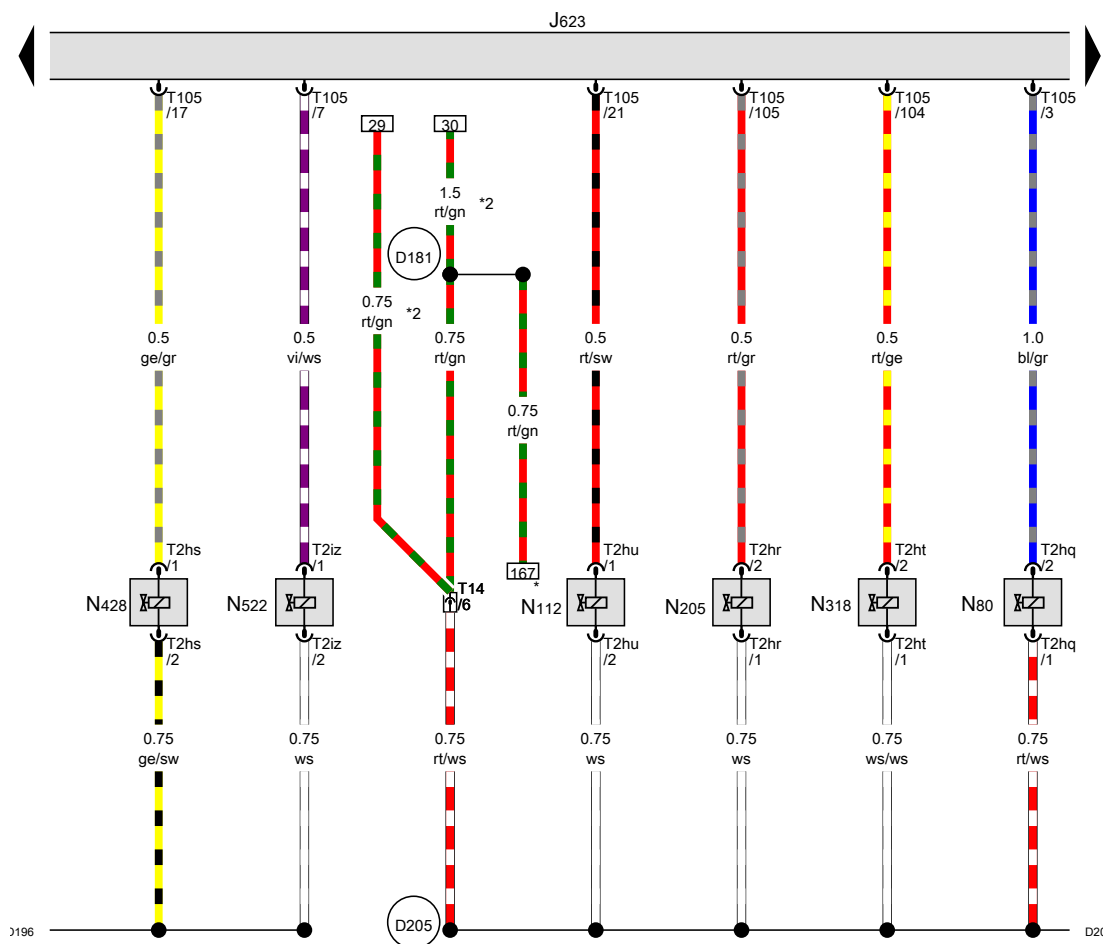


Engine/motor control unit, Turbocharger air recirculation valve, Intake manifold flap valve, Secondary air pump motor



- J623 Engine/motor control unit
- N249 Turbocharger air recirculation valve
- N316 Intake manifold flap valve
- T2hz 2-pin connector, black
- T2ix 2-pin connector, black
- T2iy 2-pin connector, black
- T14 14-pin connector, grey
- T91 91-pin connector, black
- T105 105-pin connector, black
- V101 Secondary air pump motor
- D196 Connection 2 (87a) in engine prewiring harness

- * For models with US equipment
- *2 see applicable current flow diagram for battery in engine compartment
- *3 Cross section depends on equipment



Engine/motor control unit, Activated charcoal filter solenoid valve 1, Secondary air inlet valve, Camshaft control valve 1, Exhaust camshaft control valve 1, Valve for oil pressure control, Piston cooling jet control valve

- J623 Engine/motor control unit
- N80 Activated charcoal filter solenoid valve 1
- N112 Secondary air inlet valve
- N205 Camshaft control valve 1
- N318 Exhaust camshaft control valve 1
- N428 Valve for oil pressure control
- N522 Piston cooling jet control valve
- T2hq 2-pin connector, black
- T2hr 2-pin connector, black
- T2hs 2-pin connector, black
- T2ht 2-pin connector, black
- T2hu 2-pin connector, black
- T2iz 2-pin connector, black
- T14 14-pin connector, grey
- T105 105-pin connector, black

D181 Connection 2 (87a), in engine compartment wiring harness

D196 Connection 2 (87a) in engine prewiring harness

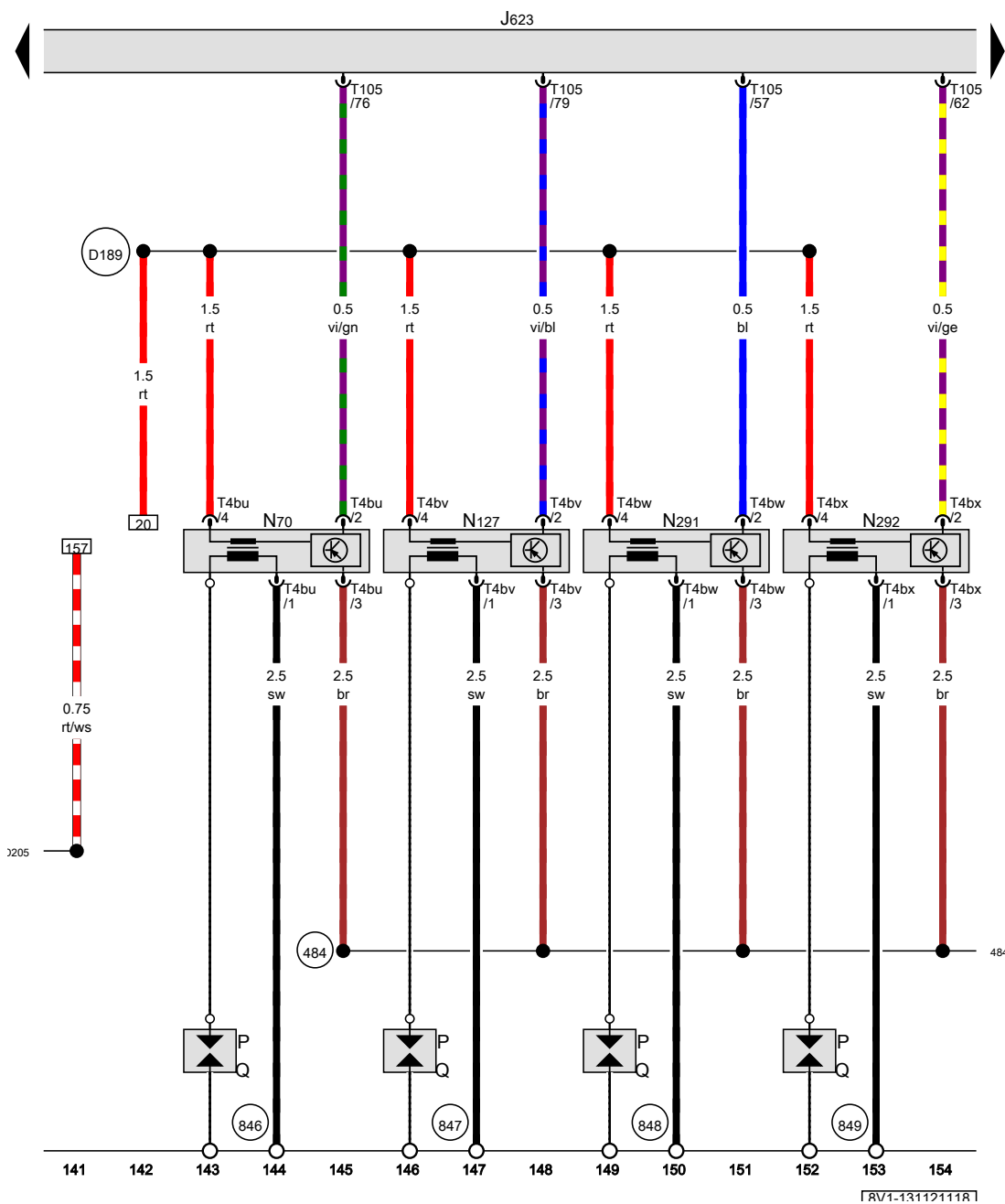
D205 Connection 3 (87a) in engine prewiring harness

- * For models with US equipment
- *2 According to equipment

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

127 128 129 130 131 132 133 134 135 136 137 138 139 140

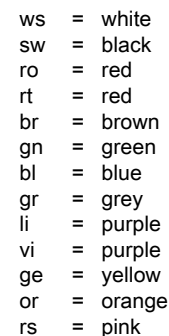
18V1-131111118



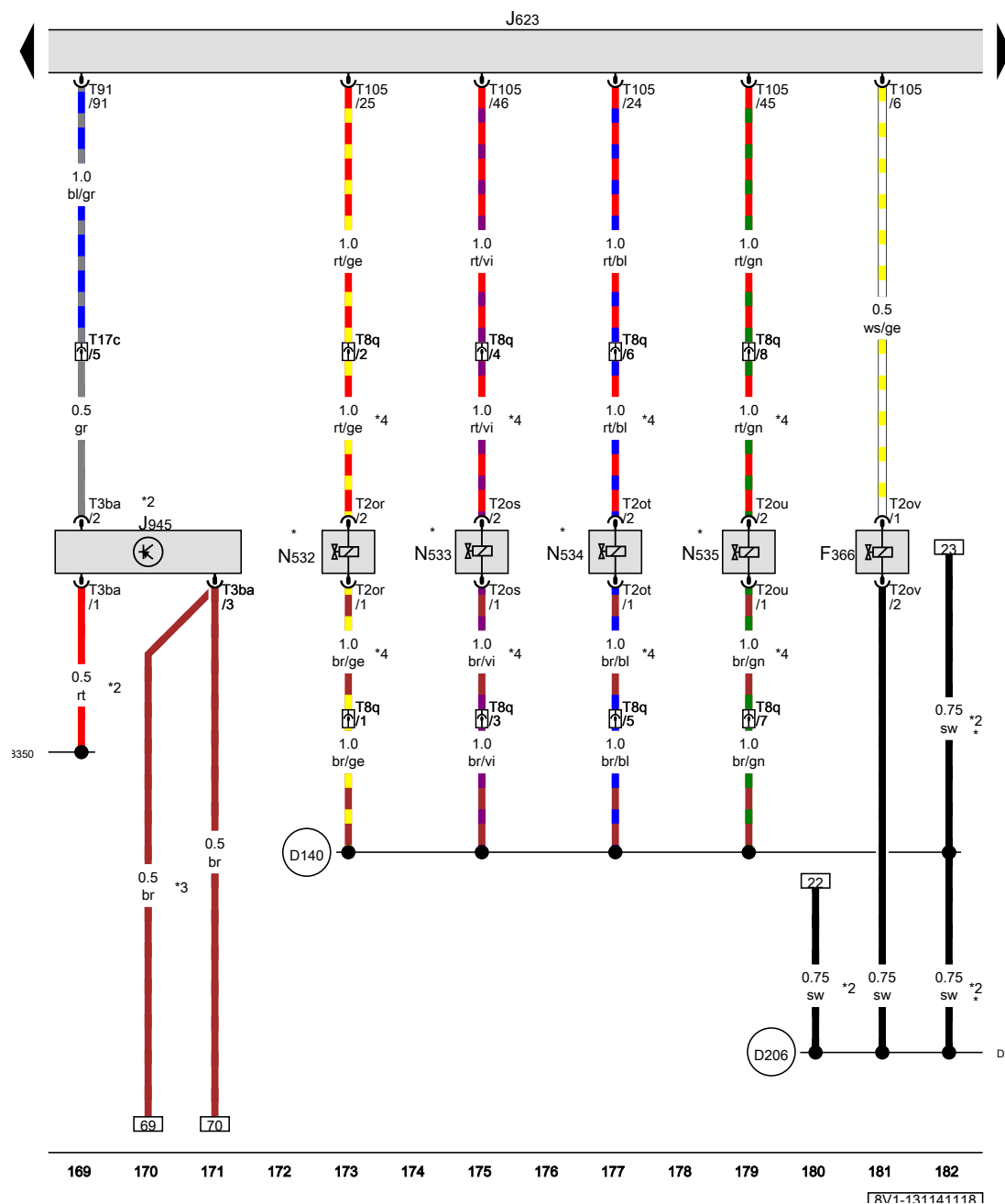
Engine/motor control unit, Ignition coil 1 with output stage, Ignition coil 2 with output stage, Ignition coil 3 with output stage, Ignition coil 4 with output stage

- J623 Engine/motor control unit
- N70 Ignition coil 1 with output stage
- N127 Ignition coil 2 with output stage
- N291 Ignition coil 3 with output stage
- N292 Ignition coil 4 with output stage
- P Spark plug connector
- Q Spark plugs
- T4bu 4-pin connector, black
- T4bv 4-pin connector, black
- T4bw 4-pin connector, black
- T4bx 4-pin connector, black
- T105 105-pin connector, black
- 484 Earth connection 2 (ignition coils), in engine prewiring harness
- 846 Earth point on ignition coil 1
- 847 Earth point on ignition coil 2
- 848 Earth point on ignition coil 3
- 849 Earth point on ignition coil 4
- D189 Connection (87a) in engine prewiring harness
- D205 Connection 3 (87a) in engine prewiring harness

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink



J623	Engine/motor control unit
J883	Exhaust flap control unit
N290	Fuel metering valve
T2ja	2-pin connector, black
T3as	3-pin connector, black
T3az	3-pin connector, black
T14	14-pin connector, grey
T17c	17-pin connector, on lower section of left A-pillar, red
T91	91-pin connector, black
T105	105-pin connector, black
V51	Continued coolant circulation pump
201	Earth connection 5, in engine compartment wiring harness
373	Earth connection 8, in main wiring harness
484	Earth connection 2 (ignition coils), in engine prewiring harness
B350	Positive connection 1 (87a) in main wiring harness
*	According to equipment
*2	For Cabriolet models
*3	For models with 4 doors
*4	For models with 5 doors
*5	For models with auxiliary heating
*6	For models with 3 doors



Cam adjustment actuator 1, Engine/motor control unit, Injector 2, cylinder 1, Injector 2, cylinder 2, Injector 2, cylinder 3, Injector 2, cylinder 4

- F366 Cam adjustment actuator 1
- J623 Engine/motor control unit
- J945 Exhaust flap control unit 2
- N532 Injector 2, cylinder 1
- N533 Injector 2, cylinder 2
- N534 Injector 2, cylinder 3
- N535 Injector 2, cylinder 4
- T2or 2-pin connector, black
- T2os 2-pin connector, black
- T2ot 2-pin connector, black
- T2ou 2-pin connector, black
- T2ov 2-pin connector, black
- T3ba 3-pin connector, black
- T8q 8-pin connector, black
- T17c 17-pin connector, on lower section of left A-pillar, red
- T91 91-pin connector, black
- T105 105-pin connector, black

(B350) Positive connection 1 (87a) in main wiring harness

(D140) Connection (injectors), in engine prewiring harness

(D206) Connection 4 (87a) in engine prewiring harness

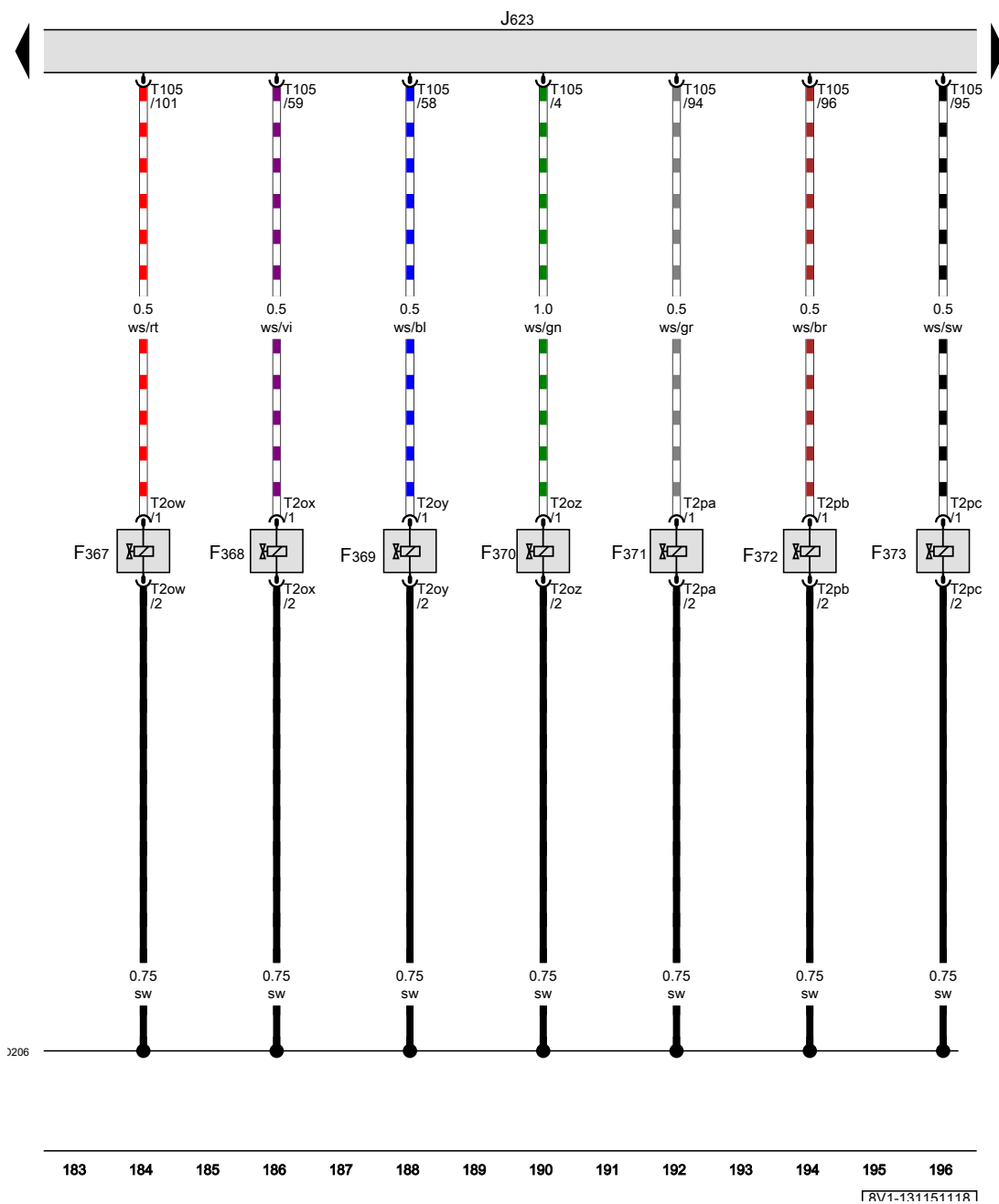
* For models with no US equipment

*2 According to equipment

*3 For Cabriolet models

*4 Wiring colour depends on equipment

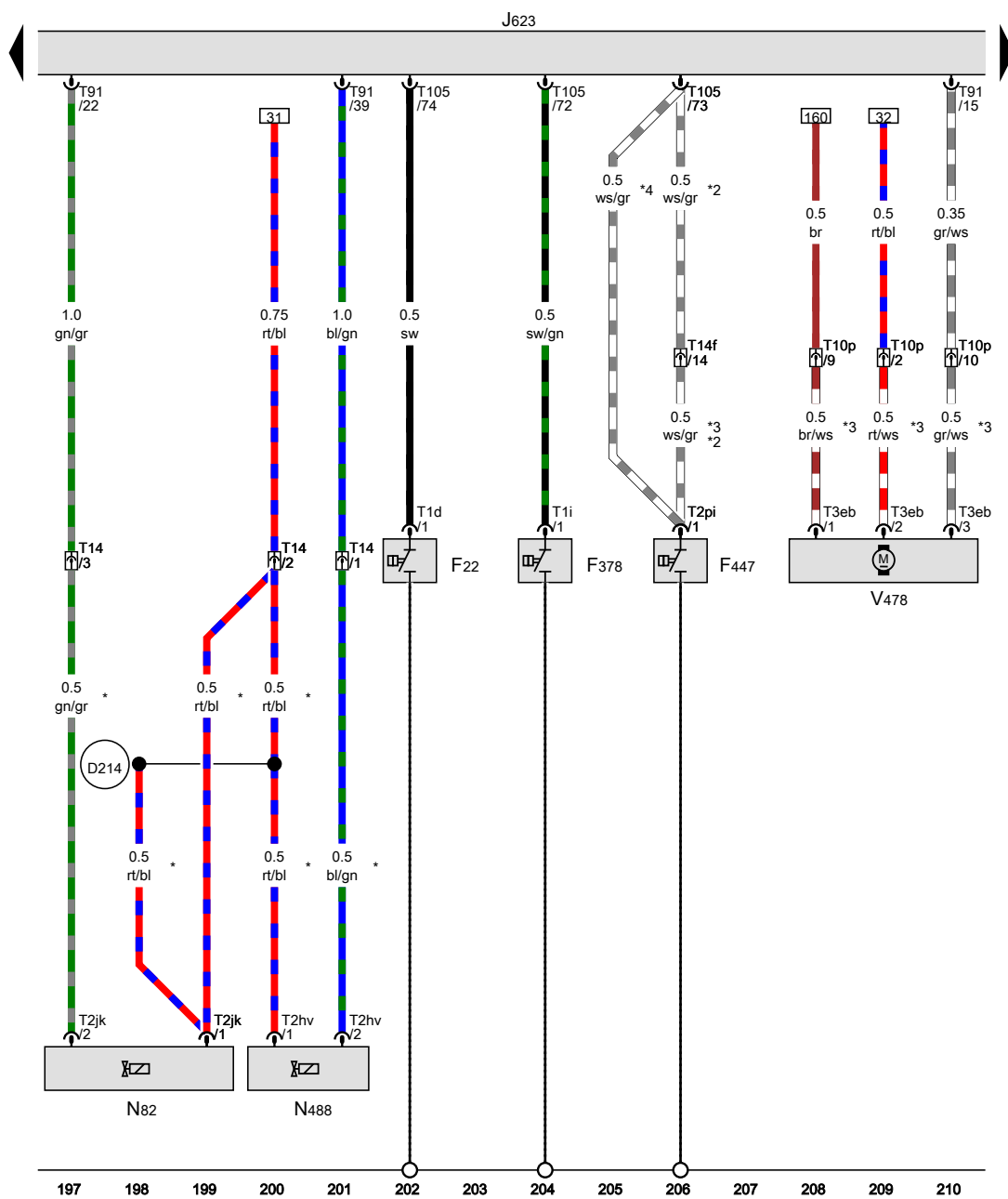
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



Cam adjustment actuator 2, Cam adjustment actuator 3, Cam adjustment actuator 4, Cam adjustment actuator 5, Cam adjustment actuator 6, Cam adjustment actuator 7, Cam adjustment actuator 8, Engine/motor control unit

- F367 Cam adjustment actuator 2
- F368 Cam adjustment actuator 3
- F369 Cam adjustment actuator 4
- F370 Cam adjustment actuator 5
- F371 Cam adjustment actuator 6
- F372 Cam adjustment actuator 7
- F373 Cam adjustment actuator 8
- J623 Engine/motor control unit
- T2ow 2-pin connector, black
- T2ox 2-pin connector, black
- T2oy 2-pin connector, black
- T2oz 2-pin connector, black
- T2pa 2-pin connector, black
- T2pb 2-pin connector, black
- T2pc 2-pin connector, black
- T105 105-pin connector, black
- D206 Connection 4 (87a) in engine prewiring harness

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



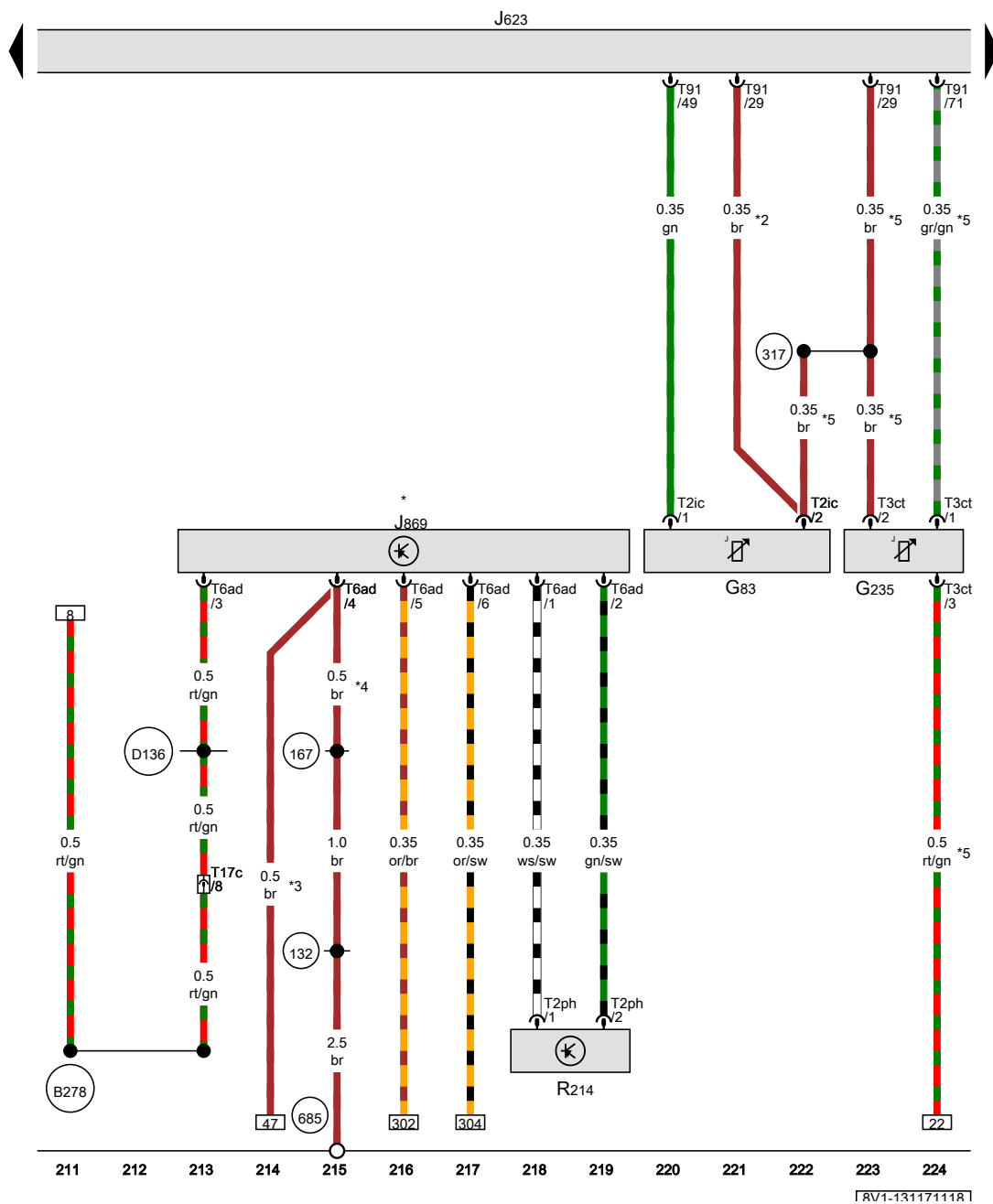
Oil pressure switch, Oil pressure switch for reduced oil pressure, Engine/motor control unit, Coolant shut-off valve, Coolant valve for gearbox

- F22 Oil pressure switch
- F378 Oil pressure switch for reduced oil pressure
- F447 Stage 3 oil pressure switch
- J623 Engine/motor control unit
- N82 Coolant shut-off valve
- N488 Coolant valve for gearbox
- T1d 1-pin connector
- T1i 1-pin connector, black
- T2hv 2-pin connector, black
- T2jk 2-pin connector, black
- T2pi 2-pin connector, black
- T3eb 3-pin connector, black
- T10p 10-pin connector, black
- T14 14-pin connector, grey
- T14f 14-pin connector, in engine compartment, black
- T91 91-pin connector, black
- T105 105-pin connector, black
- V478 Gearbox oil cooling pump

D214 Connection 8 (87a), in engine compartment wiring harness

- * According to equipment
- *2 Gradually discontinued
- *3 Wiring colour depends on equipment
- *4 gradual introduction

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



Radiator outlet coolant temperature sender, Engine/motor control unit

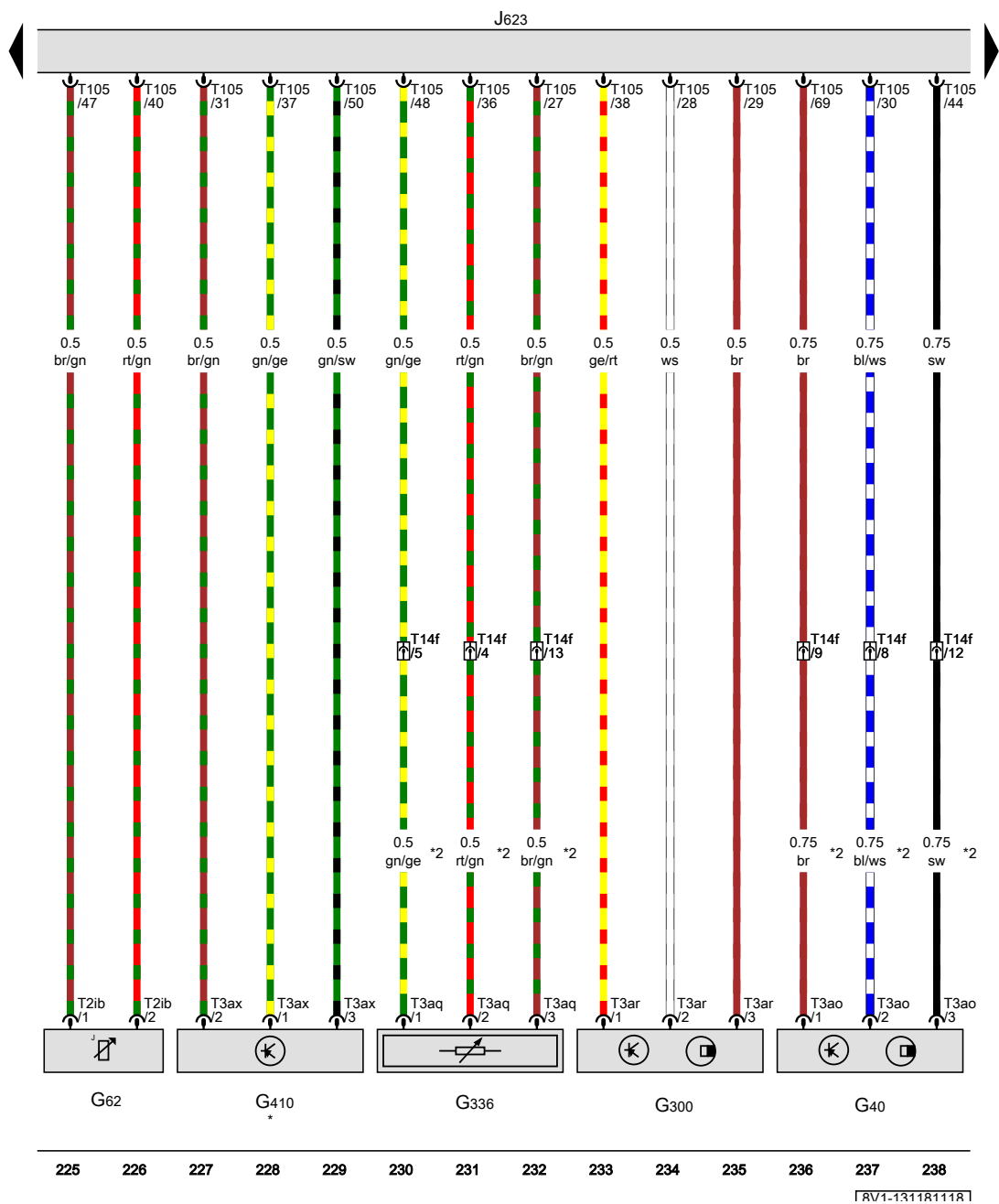
- G83 Radiator outlet coolant temperature sender
- G235 Exhaust gas temperature sender 1
- J623 Engine/motor control unit
- J869 Control unit for structure-borne sound
- R214 Actuator for structure-borne sound
- T2ic 2-pin connector, black
- T2ph 2-pin connector, black
- T3ct 3-pin connector, black
- T6ad 6-pin connector, black
- T17c 17-pin connector, on lower section of left A-pillar, red
- T91 91-pin connector, black

- 132 Earth connection 3, in engine compartment wiring harness
- 167 Earth connection 4, in engine compartment wiring harness
- 317 Earth connection 7, in engine compartment wiring harness
- 685 Earth point 1, on front of right longitudinal member
- B278 Positive connection 2 (15a) in main wiring harness
- D136 Positive connection 2 (15a), in engine compartment wiring harness

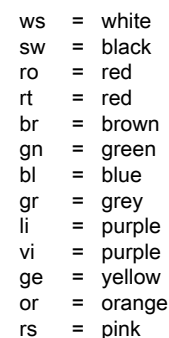
- * According to equipment
- *2 gradual introduction
- *3 For right-hand drive models
- *4 For left-hand drive models
- *5 Gradually discontinued

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

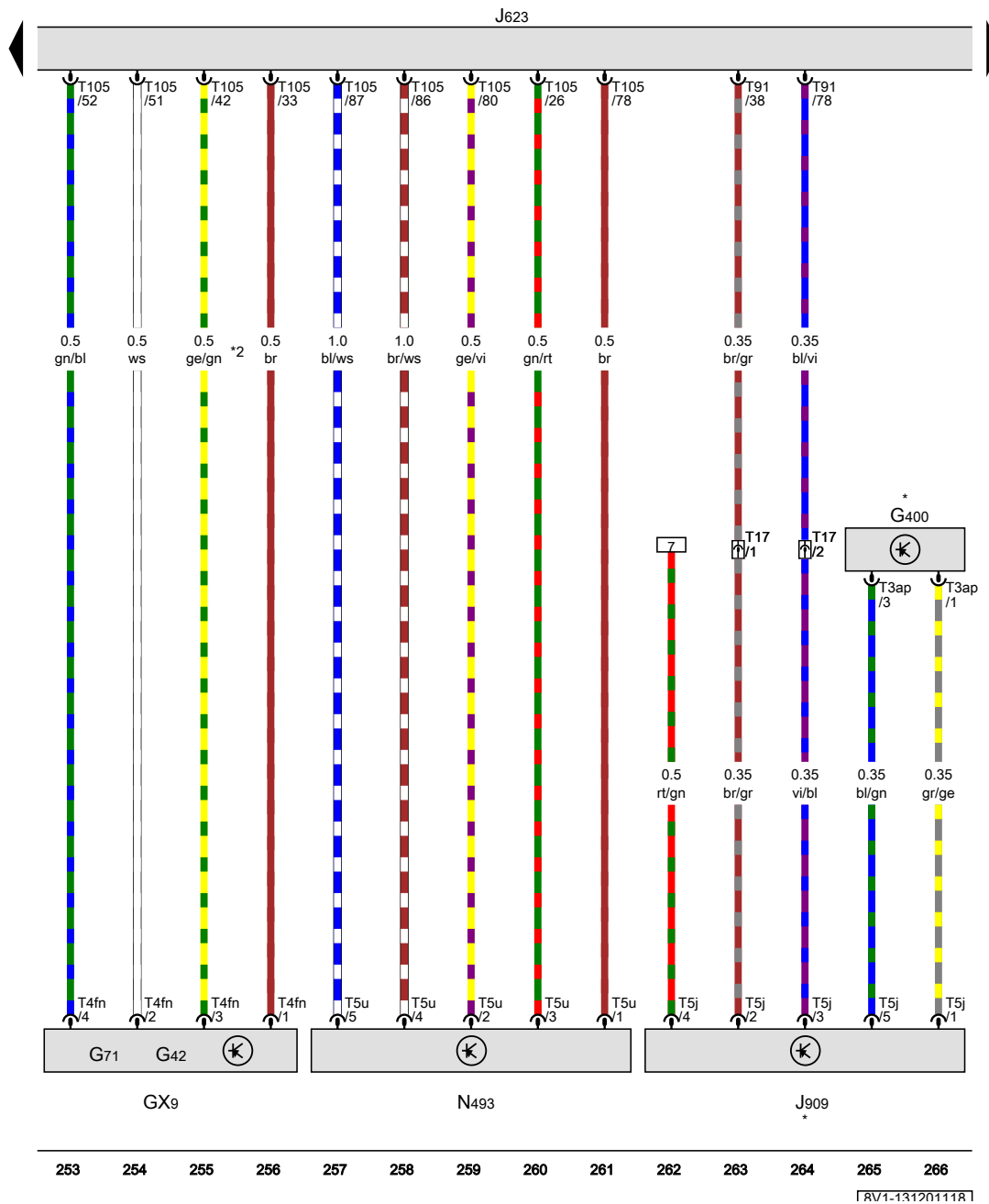
Hall sender, Coolant temperature sender, Hall sender 3, Intake manifold flap potentiometer, Engine/motor control unit



- G40 Hall sender
- G62 Coolant temperature sender
- G300 Hall sender 3
- G336 Intake manifold flap potentiometer
- G410 Fuel pressure sender for low pressure
- J623 Engine/motor control unit
- T2ib 2-pin connector, black
- T3ao 3-pin connector, black
- T3aq 3-pin connector, black
- T3ar 3-pin connector, black
- T3ax 3-pin connector, blue
- T14f 14-pin connector, in engine compartment, black
- T105 105-pin connector, black
- * For models with no US equipment
- *2 Wiring colour depends on equipment

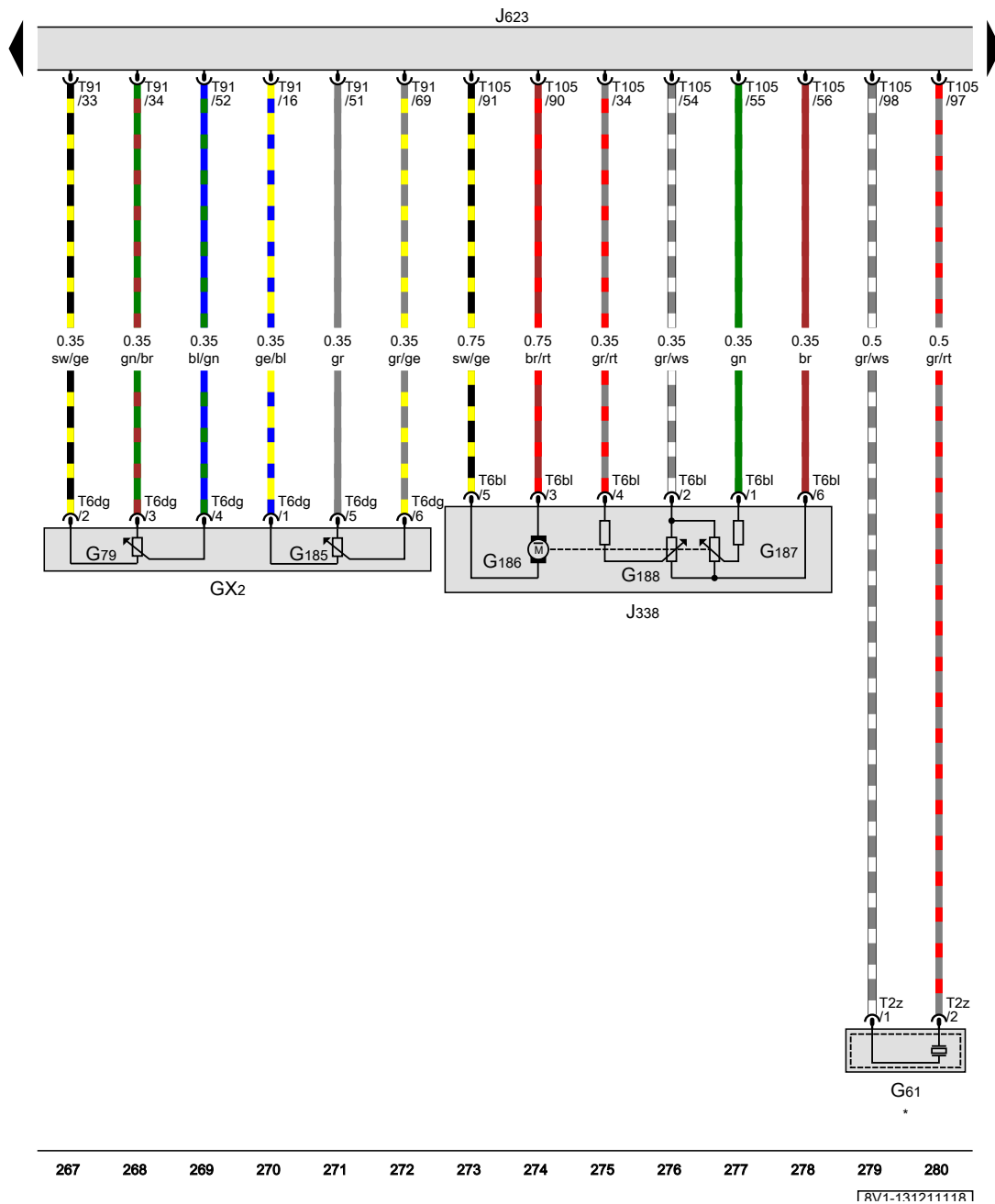


G28	Engine speed sender
G247	Fuel pressure sender
G581	Position sender for charge pressure positioner
G609	Sender 1 for secondary air pressure
J623	Engine/motor control unit
T3ak	3-pin connector, black
T3al	3-pin connector, black
T3am	3-pin connector, black
T6bk	6-pin connector, grey
T14f	14-pin connector, in engine compartment, black
T105	105-pin connector, black
V465	Charge pressure positioner
*	For models with US equipment
*2	Wiring colour depends on equipment
*3	Different wire colour possible



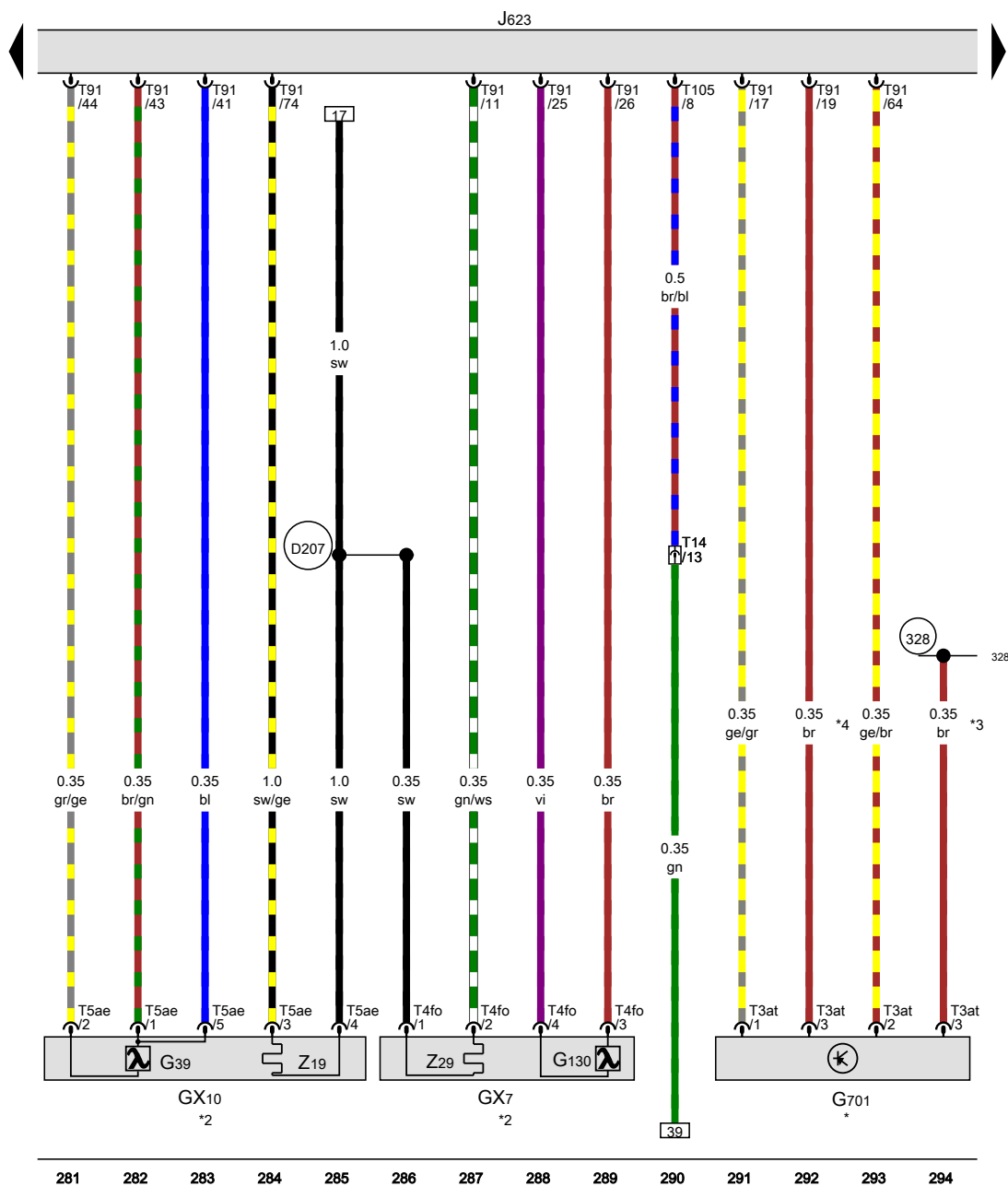
Intake manifold sender, Intake air temperature sender, Intake manifold pressure sender, Engine/motor control unit, Control unit for fuel tank leak detection, Actuator for engine temperature regulation

- GX9 Intake manifold sender
- G42 Intake air temperature sender
- G71 Intake manifold pressure sender
- G400 Tank pressure sensor
- J623 Engine/motor control unit
- J909 Control unit for fuel tank leak detection
- N493 Actuator for engine temperature regulation
- T3ap 3-pin connector, black
- T4fn 4-pin connector, black
- T5j 5-pin connector, black
- T5u 5-pin connector, black
- T17 17-pin connector, on lower section of left A-pillar, blue
- T91 91-pin connector, black
- T105 105-pin connector, black
- * For models with US equipment
- *2 Wiring colour depends on equipment



Accelerator pedal module, Knock sensor 1, Accelerator position sender, Accelerator position sender 2, Throttle valve module, Engine/motor control unit

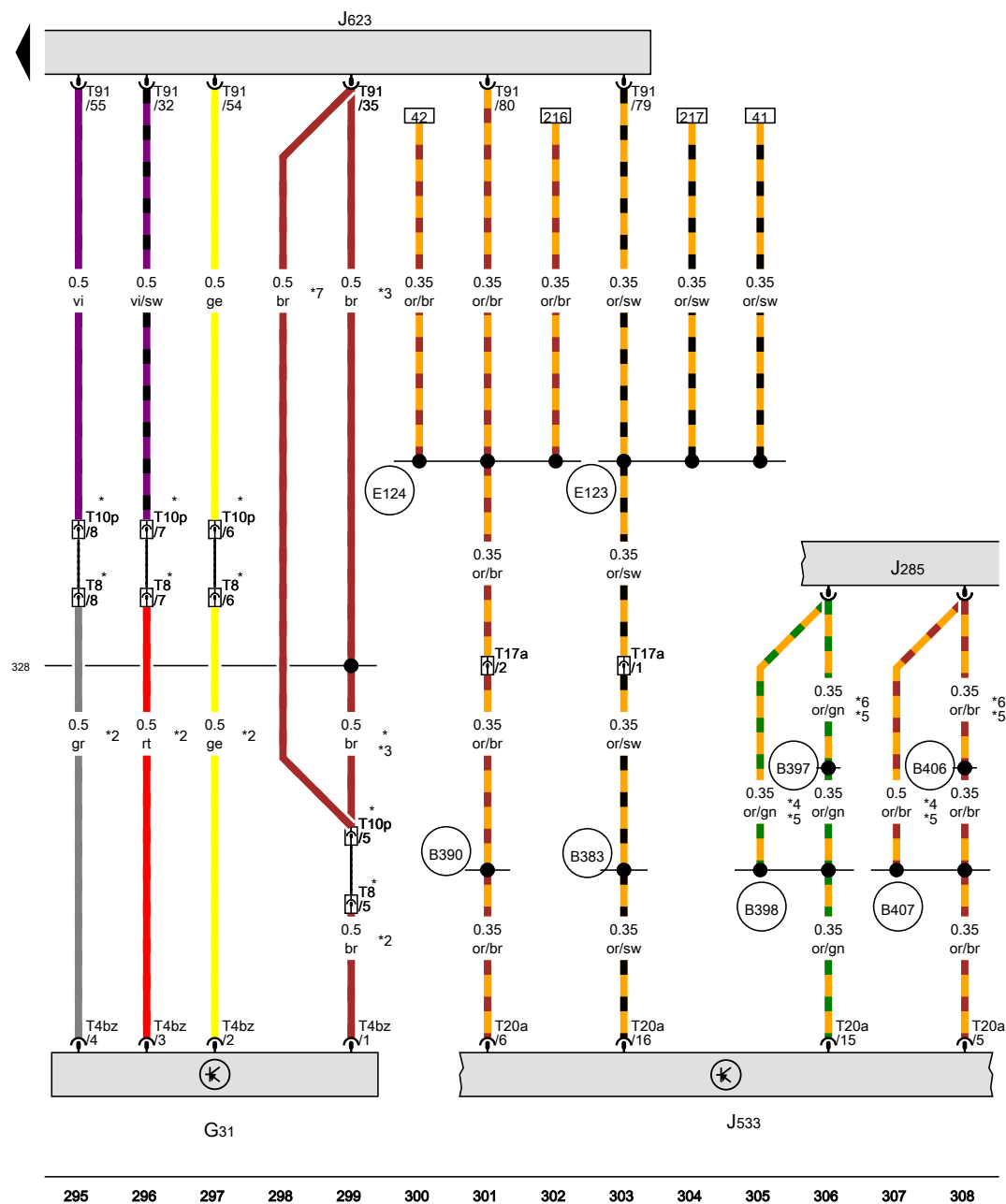
- GX2 Accelerator pedal module
- G61 Knock sensor 1
- G79 Accelerator position sender
- G185 Accelerator position sender 2
- G186 Throttle valve drive for electric throttle
- G187 Throttle valve drive angle sender 1 for electric throttle
- G188 Throttle valve drive angle sender 2 for electric throttle
- J338 Throttle valve module
- J623 Engine/motor control unit
- T2z 2-pin connector, black
- T6bl 6-pin connector, black
- T6dg 6-pin connector
- T91 91-pin connector, black
- T105 105-pin connector, black
- * Pre-wired component



Lambda probe 1 after catalytic converter, Lambda probe 1 before catalytic converter, Gearbox neutral position sender, Engine/motor control unit

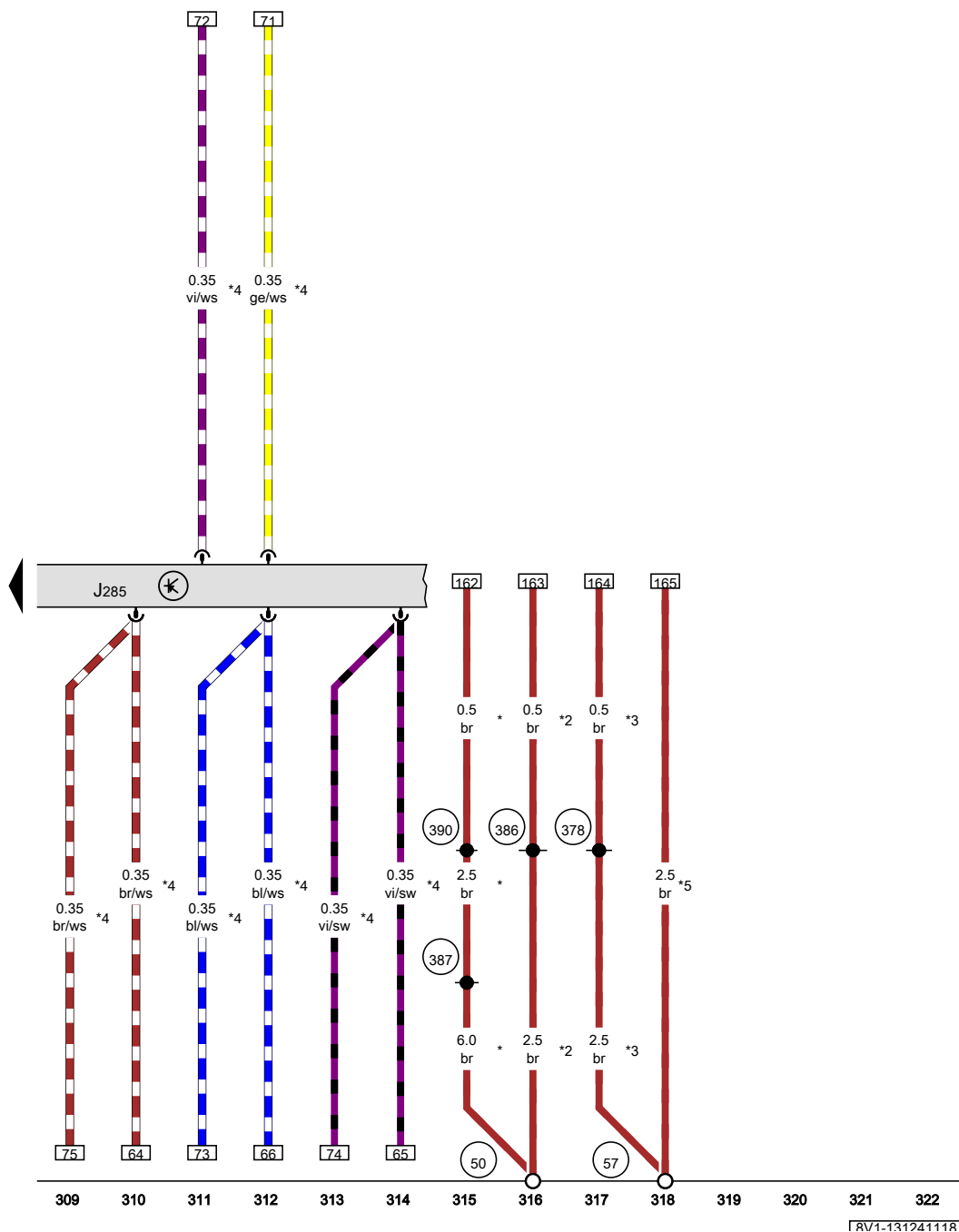
- GX7 Lambda probe 1 after catalytic converter
- GX10 Lambda probe 1 before catalytic converter
- G39 Lambda probe
- G130 Lambda probe after catalytic converter
- G701 Gearbox neutral position sender
- J623 Engine/motor control unit
- T3at 3-pin connector, black
- T4fo 4-pin connector, black
- T5ae 5-pin connector, black
- T14 14-pin connector, grey
- T91 91-pin connector, black
- T105 105-pin connector, black
- Z19 Lambda probe heater
- Z29 Lambda probe 1 heater after catalytic converter
- 328 Earth connection 2 (sender earth), in engine compartment wiring harness
- D207 Connection 7 (87a), in engine compartment wiring harness
- * According to equipment
- *2 Pre-wired component
- *3 Gradually discontinued
- *4 gradual introduction

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



Charge pressure sender, Control unit in dash panel insert, Data bus diagnostic interface, Engine/motor control unit

- G31 Charge pressure sender
- J285 Control unit in dash panel insert
- J533 Data bus diagnostic interface
- J623 Engine/motor control unit
- T4bz 4-pin connector, black
- T8 8-pin connector, black
- T10p 10-pin connector, black
- T17a 17-pin connector, on lower section of left A-pillar, black
- T20a 20-pin connector, red
- T91 91-pin connector, black
- 328 Earth connection 2 (sender earth), in engine compartment wiring harness
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness
- E123 Connection 1 (powertrain CAN bus, high), in engine wiring harness
- E124 Connection 1 (powertrain CAN bus, low), in engine wiring harness
- * According to equipment
- *2 Wiring colour depends on equipment
- *3 Gradually discontinued
- *4 For right-hand drive models
- *5 see applicable current flow diagram for dash panel insert
- *6 For left-hand drive models
- *7 gradual introduction



Control unit in dash panel insert

J285 Control unit in dash panel insert

50 Earth point, on left in luggage compartment

57 Earth point, rear left pillar

378 Earth connection 13, in main wiring harness

386 Earth connection 21, in main wiring harness

387 Earth connection 22, in main wiring harness

390 Earth connection 25, in main wiring harness

* For Cabriolet models

*2 For models with 4 doors

*3 For models with 5 doors

*4 see applicable current flow diagram for fuel system

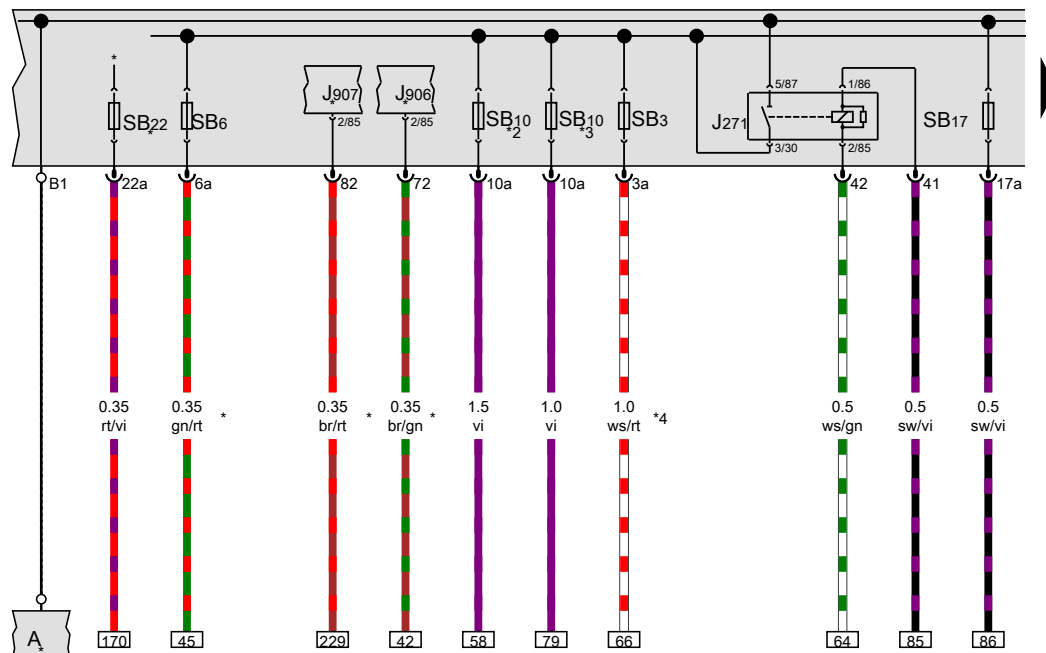
*5 For models with 3 doors

1.8l petrol engine , CUFA

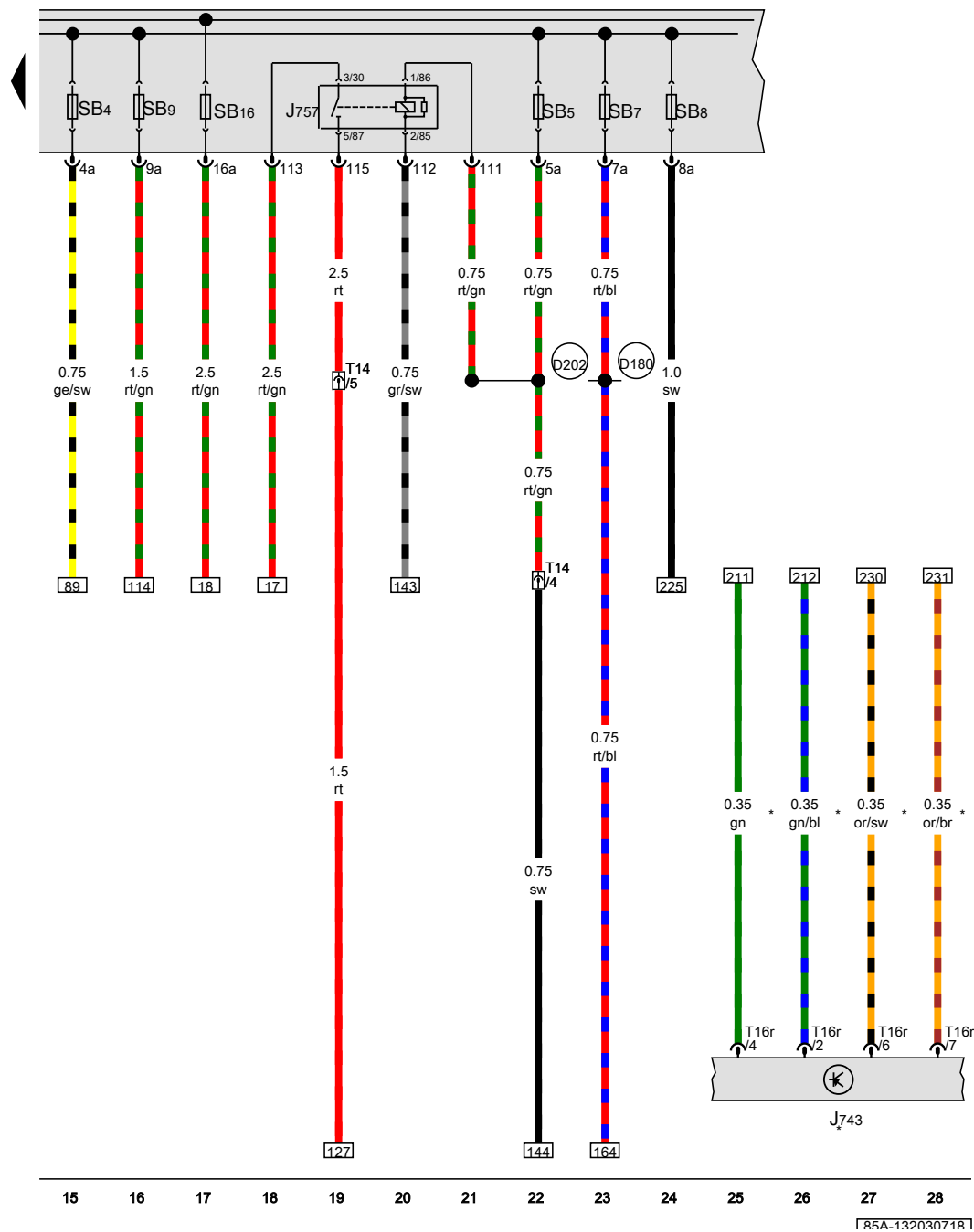
From November 2015

Main relay, Starter relay 1, Starter relay 2

- A Battery
- J271 Main relay
- J906 Starter relay 1
- J907 Starter relay 2
- SB3 Fuse 3 on fuse holder B
- SB6 Fuse 6 on fuse holder B
- SB10 Fuse 10 on fuse holder B
- SB17 Fuse 17 on fuse holder B
- SB22 Fuse 22 on fuse holder B
- * see applicable current flow diagram for battery in engine compartment
- *2 For models with front-wheel drive
- *3 For models with all-wheel drive
- *4 Wiring colour depends on equipment



ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

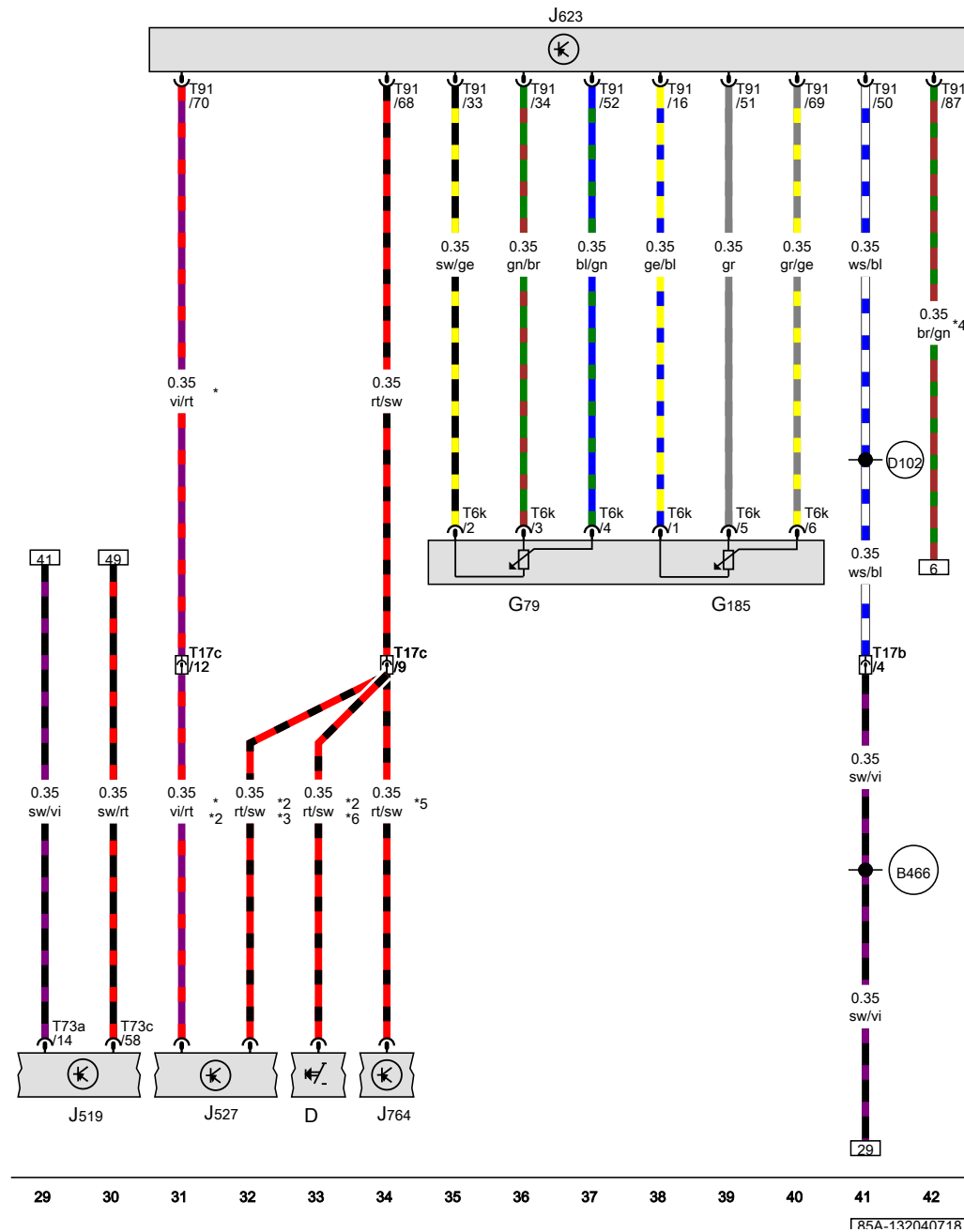


Mechatronic unit for dual clutch gearbox

- J743 Mechatronic unit for dual clutch gearbox
- J757 Engine component current supply relay
- SB4 Fuse 4 on fuse holder B
- SB5 Fuse 5 on fuse holder B
- SB7 Fuse 7 on fuse holder B
- SB8 Fuse 8 on fuse holder B
- SB9 Fuse 9 on fuse holder B
- SB16 Fuse 16 on fuse holder B
- T14 14-pin connector, near front left longitudinal member, grey
- T16r 16-pin connector, black
- D180 Connection (87a), in engine compartment wiring harness
- D202 Connection 6 (87a), in engine compartment wiring harness
- * see applicable current flow diagram for dual clutch gearbox

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

Accelerator position sender 2, Onboard supply control unit,
Steering column electronics control unit, Engine/motor
control unit



- D Ignition/starter switch
- G79 Accelerator position sender
- G185 Accelerator position sender 2
- J519 Onboard supply control unit
- J527 Steering column electronics control unit
- J623 Engine/motor control unit
- J764 Control unit for electronic steering column lock
- T6k 6-pin connector, black
- T17b 17-pin connector, on lower section of left A-pillar, brown
- T17c 17-pin connector, on lower section of left A-pillar, red
- T73a 73-pin connector, black
- T73c 73-pin connector, black
- T91 91-pin connector, black

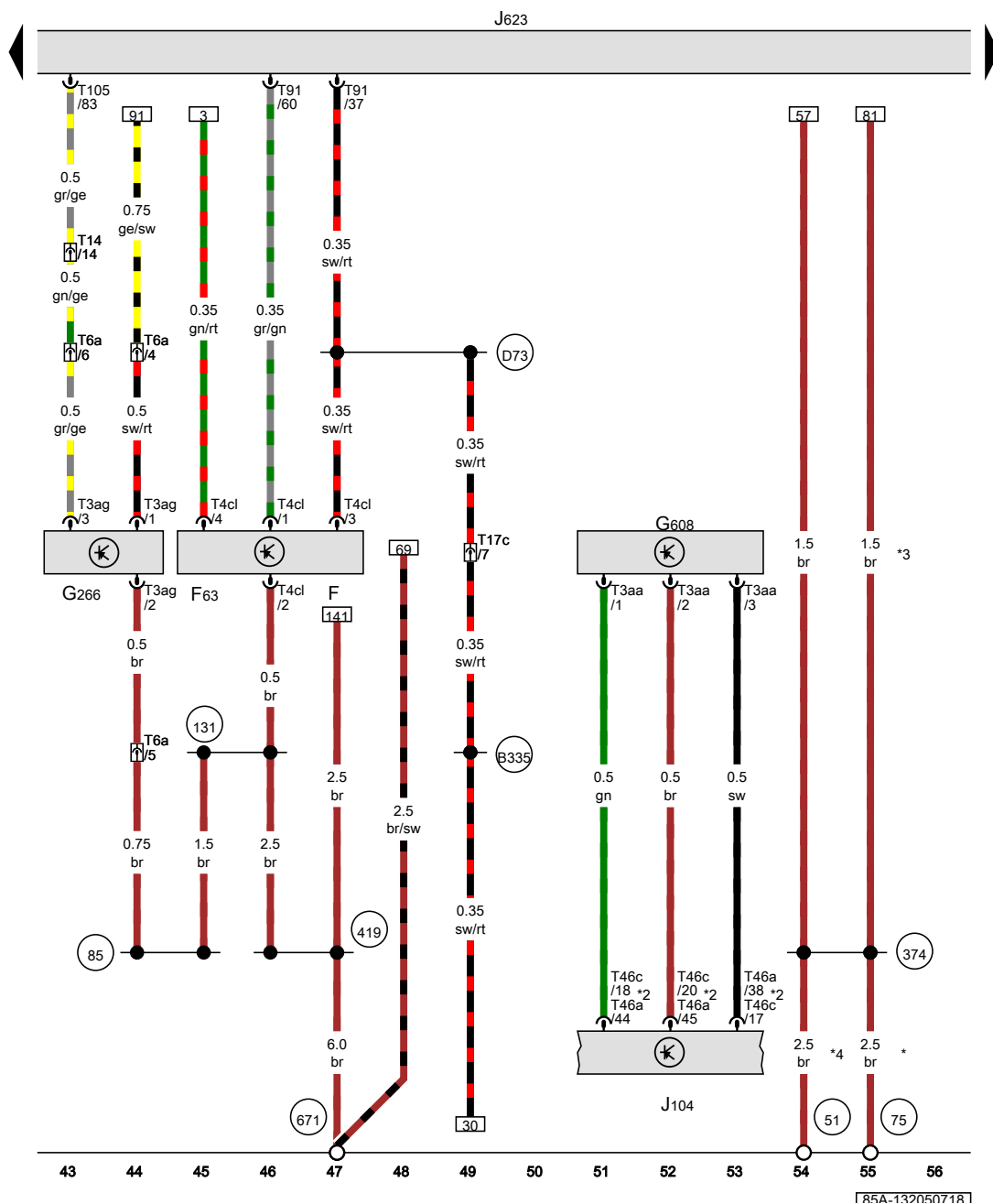
B466 Connection 2, in main wiring harness

D102 Connection 2 in engine compartment wiring harness

- * For models with cruise control system (CCS)
- *2 see applicable current flow diagram for steering column electronics
- *3 Up to June 2018
- *4 see applicable current flow diagram for battery in engine compartment
- *5 see applicable current flow diagram for entry and start authorisation
- *6 From July 2018

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

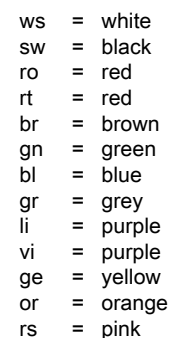
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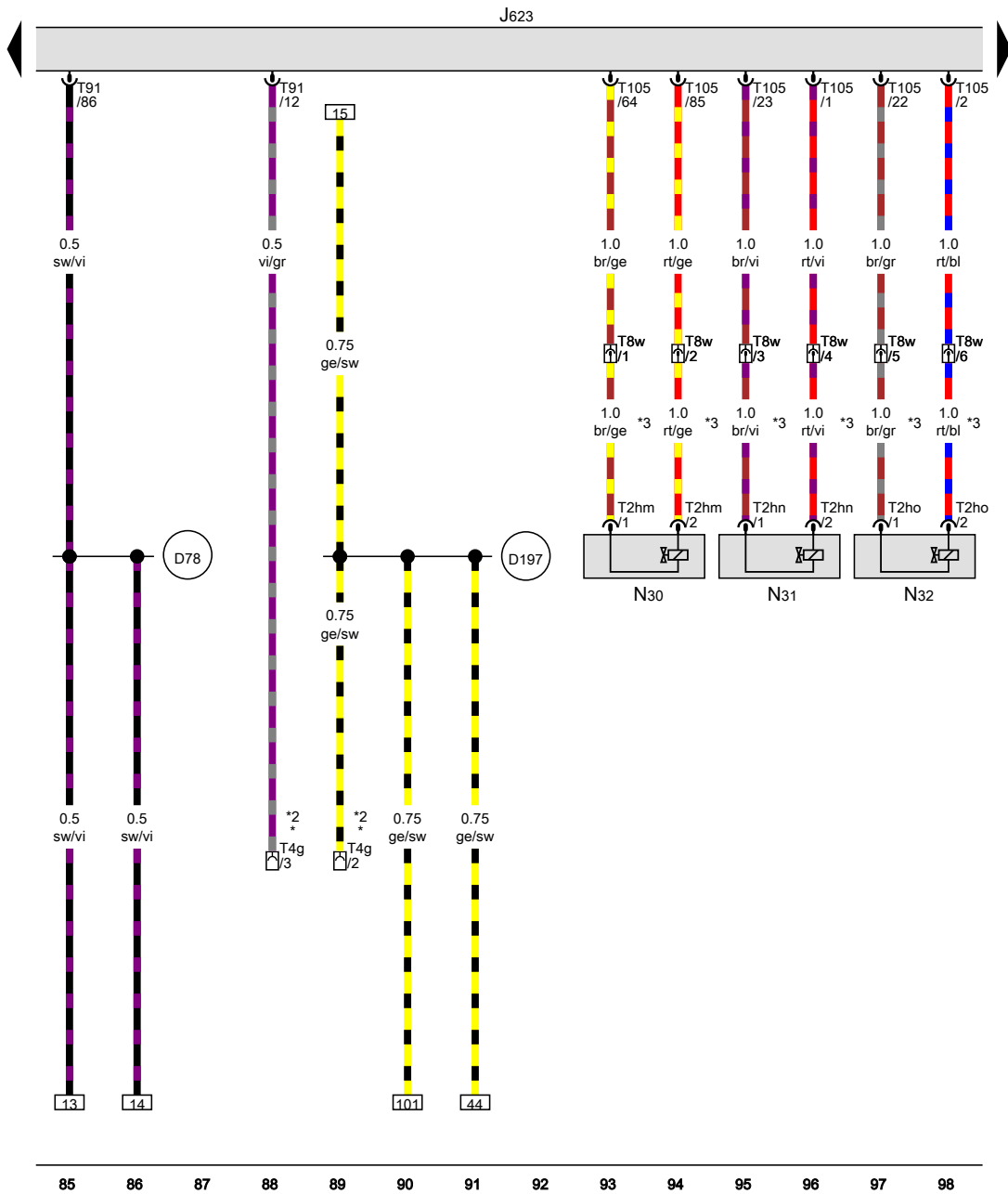
Brake light switch, Brake pedal switch, Oil level and oil temperature sender, Vacuum sender, Engine/motor control unit

- F Brake light switch
- F63 Brake pedal switch
- G266 Oil level and oil temperature sender
- G608 Vacuum sender
- J104 ABS control unit
- J623 Engine/motor control unit
- T3aa 3-pin connector, black
- T3ag 3-pin connector, black
- T4cl 4-pin connector, black
- T6a 6-pin connector, black
- T14 14-pin connector, near front left longitudinal member, grey
- T17c 17-pin connector, on lower section of left A-pillar, red
- T46a 46-pin connector, black
- T46c 46-pin connector, black
- T91 91-pin connector, black
- T105 105-pin connector, black
- 51 Earth point, on right in luggage compartment
- 75 Earth point, rear right pillar
- 85 Earth connection 1, in engine compartment wiring harness
- 131 Earth connection 2, in engine compartment wiring harness
- 374 Earth connection 9, in main wiring harness
- 419 Earth connection 11, in engine compartment wiring harness
- 671 Earth point 1, on front of left longitudinal member
- B335 Connection 1 (54), in main wiring harness
- D73 Positive connection (54), in engine compartment wiring harness
- * For models with 5 doors
- *2 According to equipment
- *3 For models with no auxiliary heater
- *4 For models with 4 doors

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



- * For models with all-wheel drive
- *2 For models with auxiliary heating
- *3 Wiring colour depends on equipment
- *4 For models with no auxiliary heater
- *5 For models with 5 doors
- *6 For models with 4 doors



Engine/motor control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3

- J623 Engine/motor control unit
- N30 Injector, cylinder 1
- N31 Injector, cylinder 2
- N32 Injector, cylinder 3
- T2hm 2-pin connector, black
- T2hn 2-pin connector, black
- T2ho 2-pin connector, black
- T4g 4-pin connector, black
- T8w 8-pin connector, black
- T91 91-pin connector, black
- T105 105-pin connector, black

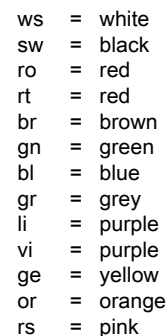
D78 Positive connection 1 (30a), in engine compartment wiring harness

D197 Connection 5 (87a), in engine compartment wiring harness

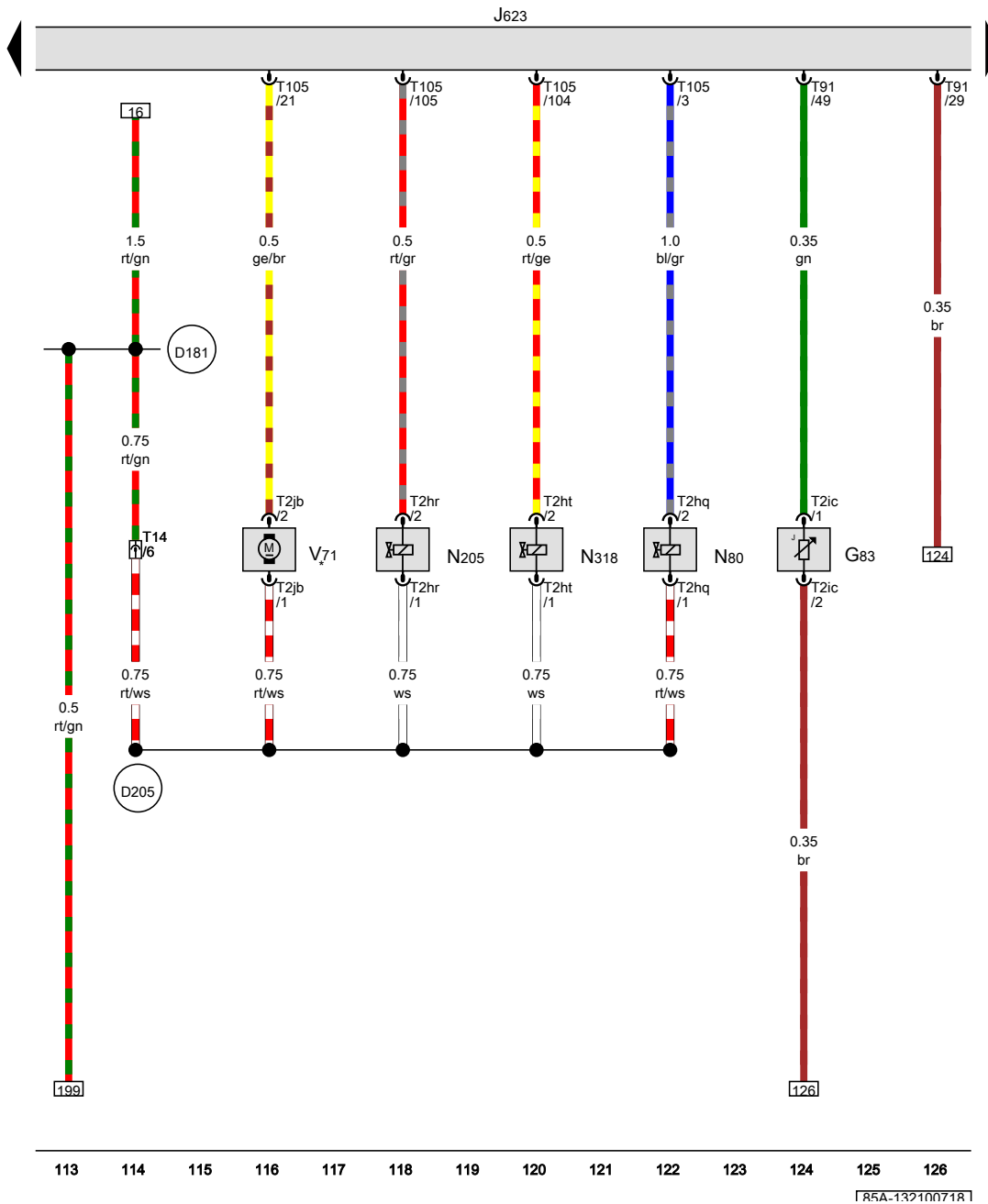
- * Radiator fan connection
- *2 see applicable current flow diagram for radiator fan
- *3 Wiring colour depends on equipment

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

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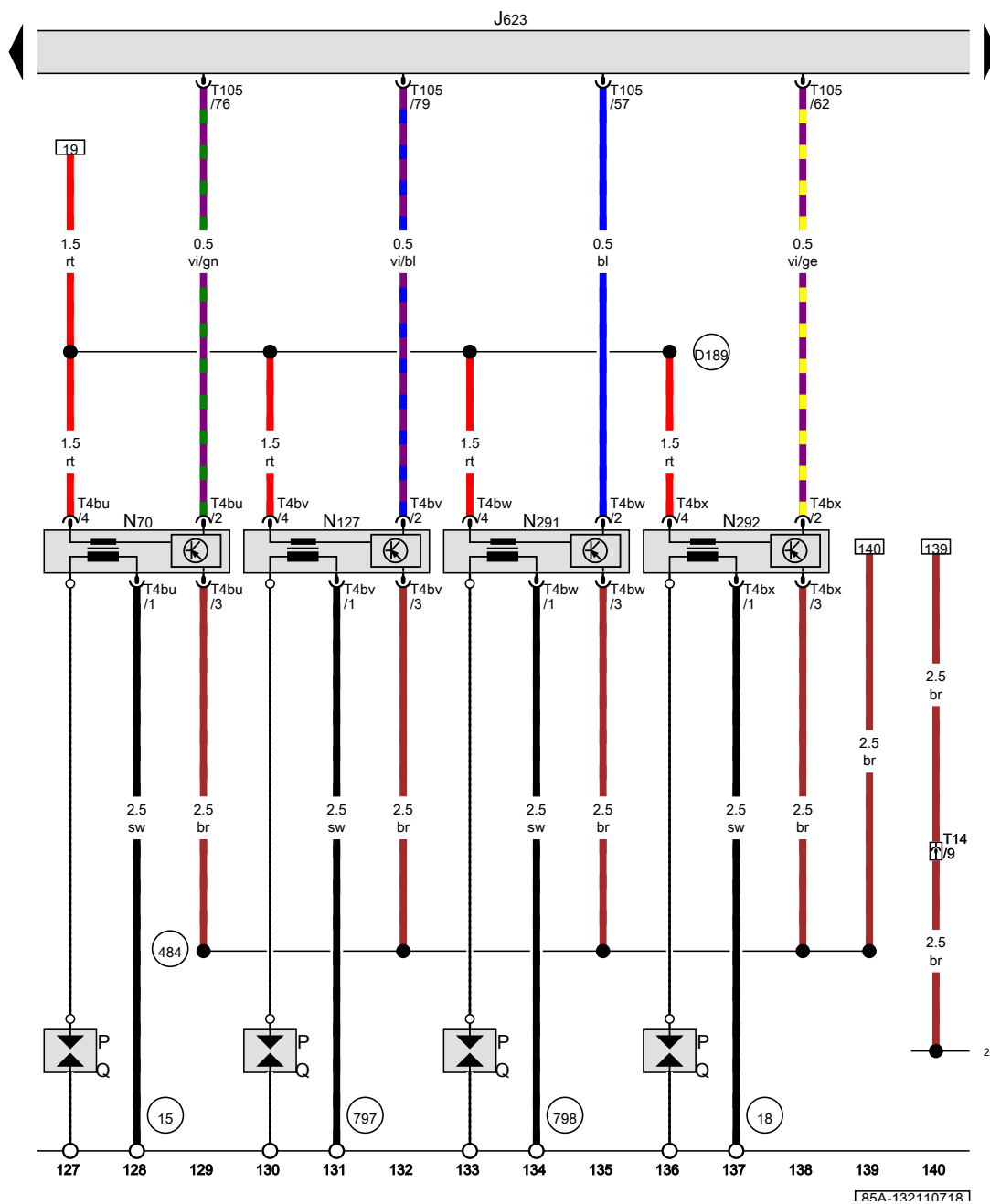
* Wiring colour depends on equipment



Radiator outlet coolant temperature sender, Engine/motor control unit, Activated charcoal filter solenoid valve 1, Camshaft control valve 1, Exhaust camshaft control valve 1

- G83 Radiator outlet coolant temperature sender
- J623 Engine/motor control unit
- N80 Activated charcoal filter solenoid valve 1
- N205 Camshaft control valve 1
- N318 Exhaust camshaft control valve 1
- T2hq 2-pin connector, black
- T2hr 2-pin connector, black
- T2ht 2-pin connector, black
- T2ic 2-pin connector, black
- T2jb 2-pin connector, black
- T14 14-pin connector, near front left longitudinal member, grey
- T91 91-pin connector, black
- T105 105-pin connector, black
- V71 Air flow flap control motor
- D181 Connection 2 (87a), in engine compartment wiring harness
- D205 Connection 3 (87a) in engine prewiring harness
- * gradual introduction

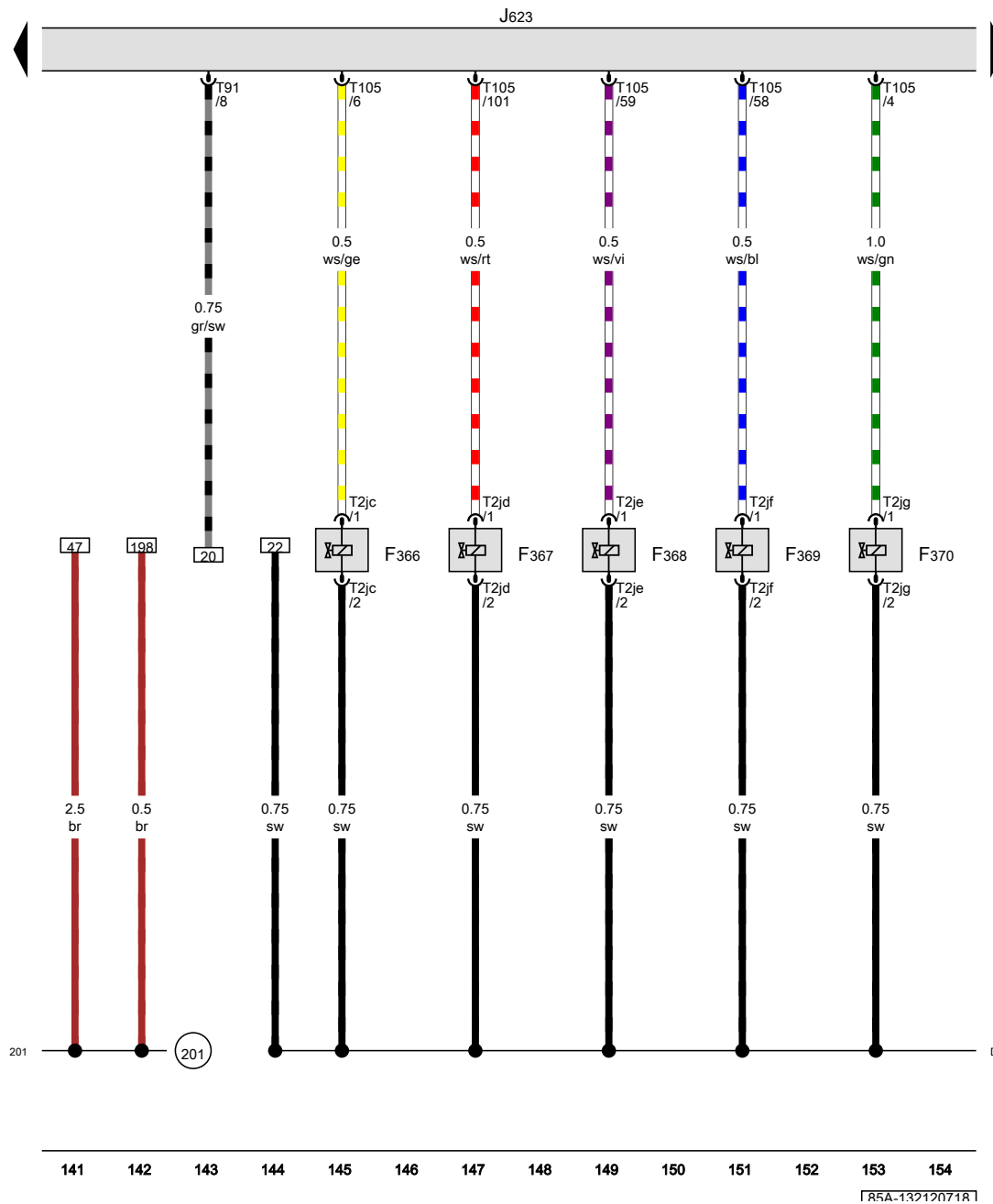
ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



Engine/motor control unit, Ignition coil 1 with output stage, Ignition coil 2 with output stage, Ignition coil 3 with output stage, Ignition coil 4 with output stage

- J623 Engine/motor control unit
- N70 Ignition coil 1 with output stage
- N127 Ignition coil 2 with output stage
- N291 Ignition coil 3 with output stage
- N292 Ignition coil 4 with output stage
- P Spark plug connector
- Q Spark plugs
- T1 1-pin connector, black
- T4bu 4-pin connector, black
- T4bv 4-pin connector, black
- T4bw 4-pin connector, black
- T4bx 4-pin connector, black
- T14 14-pin connector, near front left longitudinal member, grey
- T105 105-pin connector, black

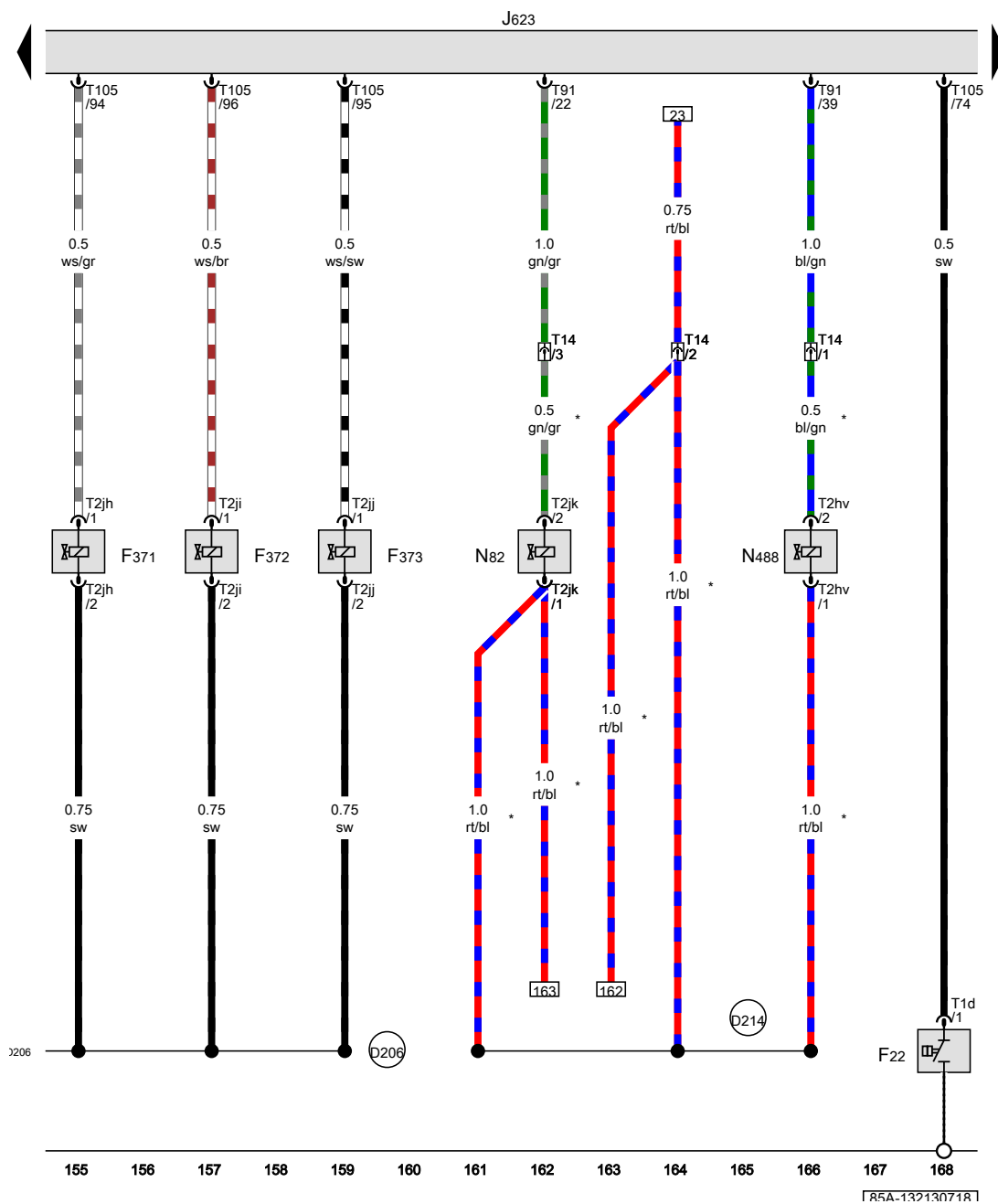
- 15 Earth point, on cylinder head
- 18 Earth point, on cylinder block
- 201 Earth connection 5, in engine compartment wiring harness
- 484 Earth connection 2 (ignition coils), in engine prewiring harness
- 797 Earth point on cylinder block for ignition coil, cylinders 1 and 2
- 798 Earth point on cylinder block for ignition coil, cylinders 3 and 4
- D189 Connection (87a) in engine prewiring harness



Cam adjustment actuator 1, Cam adjustment actuator 2, Cam adjustment actuator 3, Cam adjustment actuator 4, Cam adjustment actuator 5, Engine/motor control unit

- F366 Cam adjustment actuator 1
- F367 Cam adjustment actuator 2
- F368 Cam adjustment actuator 3
- F369 Cam adjustment actuator 4
- F370 Cam adjustment actuator 5
- J623 Engine/motor control unit
- T2jc 2-pin connector, black
- T2jd 2-pin connector, black
- T2je 2-pin connector, black
- T2jf 2-pin connector, black
- T2jg 2-pin connector, black
- T91 91-pin connector, black
- T105 105-pin connector, black

- 201 Earth connection 5, in engine compartment wiring harness
- D206 Connection 4 (87a) in engine prewiring harness



Oil pressure switch, Cam adjustment actuator 6, Cam adjustment actuator 7, Cam adjustment actuator 8, Engine/motor control unit, Coolant shut-off valve, Coolant valve for gearbox

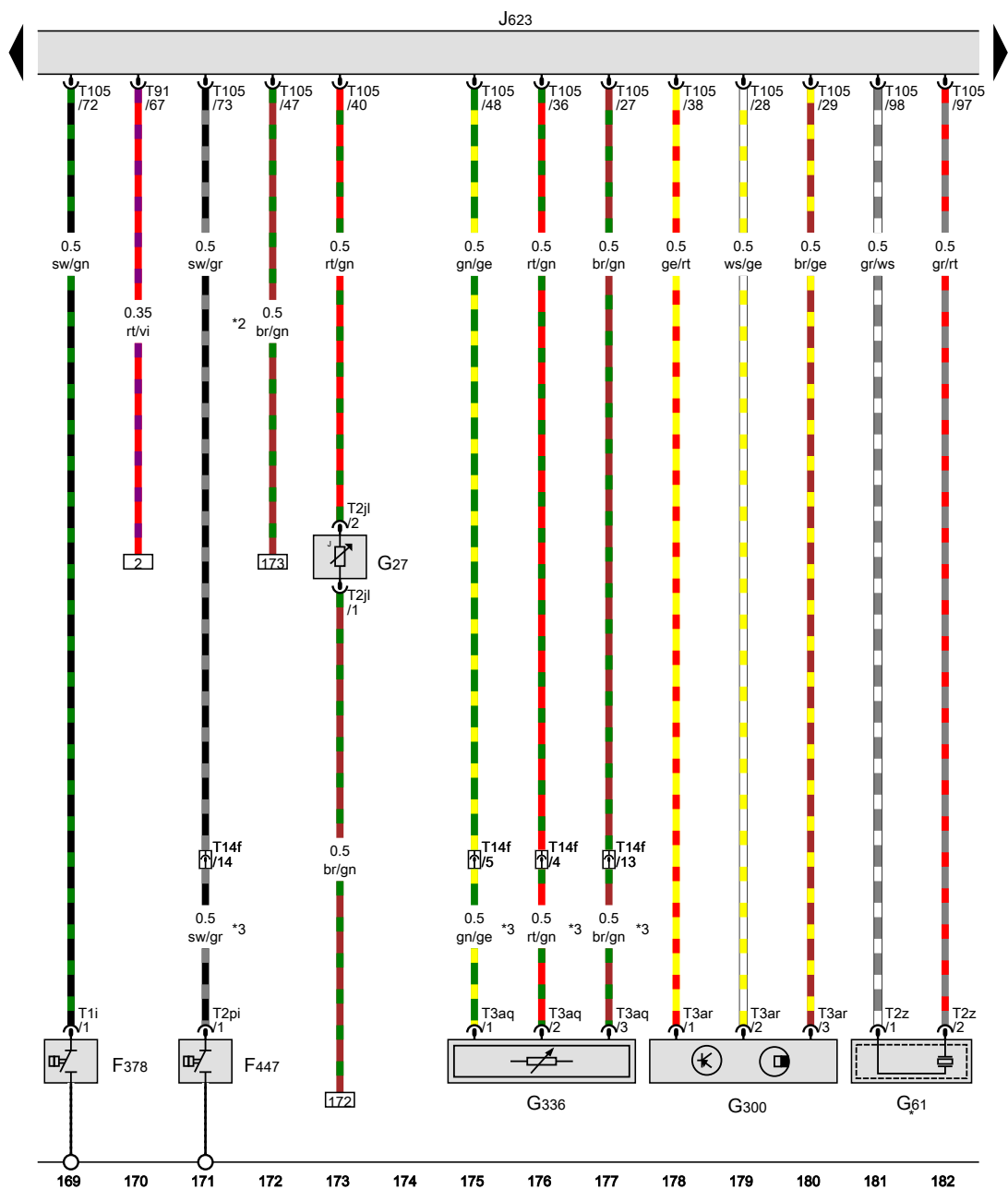
- F22 Oil pressure switch
- F371 Cam adjustment actuator 6
- F372 Cam adjustment actuator 7
- F373 Cam adjustment actuator 8
- J623 Engine/motor control unit
- N82 Coolant shut-off valve
- N488 Coolant valve for gearbox
- T1d 1-pin connector, black
- T2hv 2-pin connector, black
- T2jh 2-pin connector, black
- T2ji 2-pin connector, black
- T2jj 2-pin connector, black
- T2jk 2-pin connector, black
- T14 14-pin connector, near front left longitudinal member, grey
- T91 91-pin connector, black
- T105 105-pin connector, black

D206 Connection 4 (87a) in engine prewiring harness

D214 Connection 8 (87a), in engine compartment wiring harness

* According to equipment

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

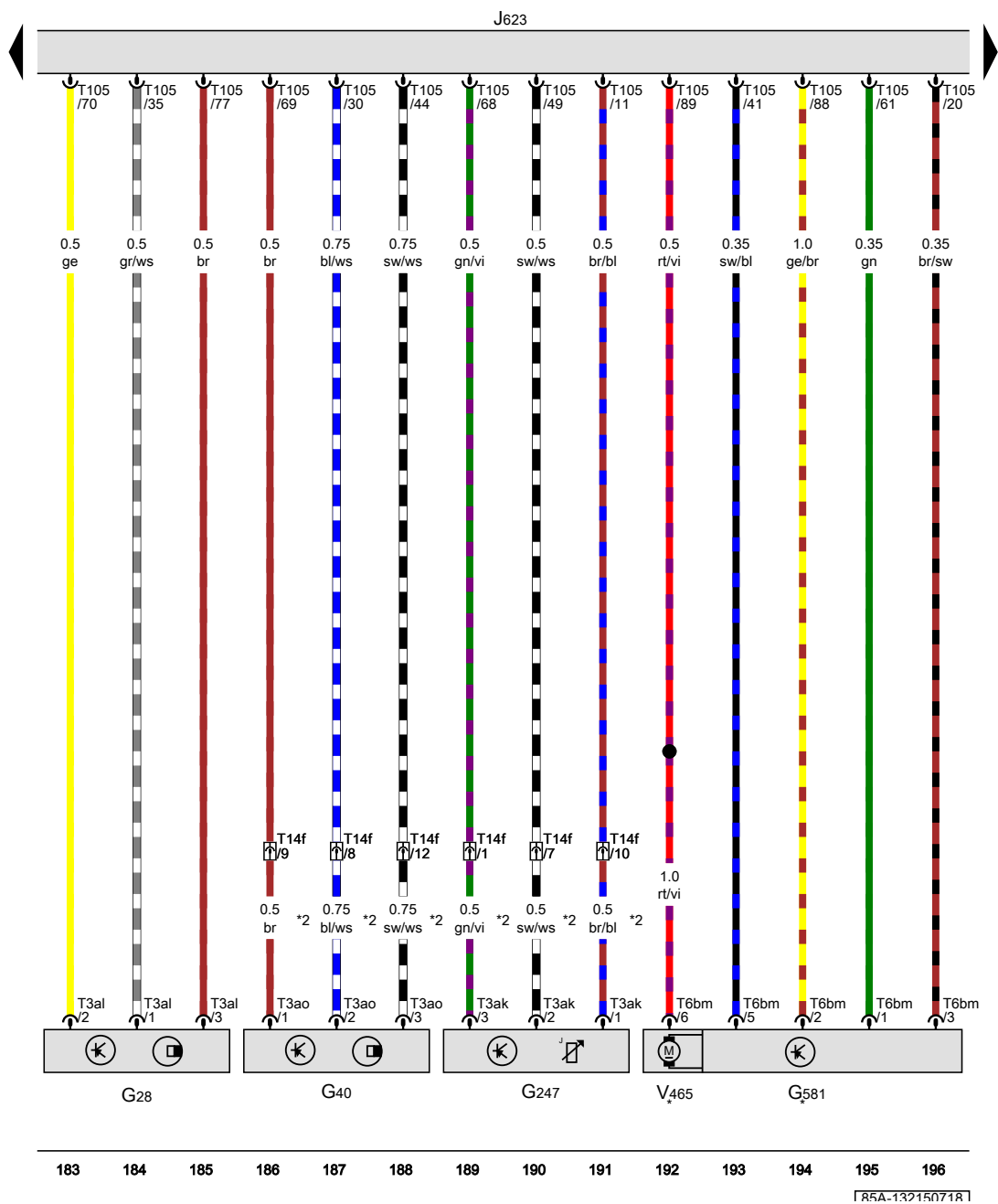


Oil pressure switch for reduced oil pressure, Engine temperature sender, Knock sensor 1, Hall sender 3, Intake manifold flap potentiometer, Engine/motor control unit

- F378 Oil pressure switch for reduced oil pressure
- F447 Stage 3 oil pressure switch
- G27 Engine temperature sender
- G61 Knock sensor 1
- G300 Hall sender 3
- G336 Intake manifold flap potentiometer
- J623 Engine/motor control unit
- T1i 1-pin connector, black
- T2jl 2-pin connector, black
- T2pi 2-pin connector, black
- T2z 2-pin connector, black
- T3aq 3-pin connector, black
- T3ar 3-pin connector, black
- T14f 14-pin connector, in engine compartment, black
- T91 91-pin connector, black
- T105 105-pin connector, black
- * Pre-wired component
- *2 see applicable current flow diagram for battery in engine compartment
- *3 Wiring colour depends on equipment

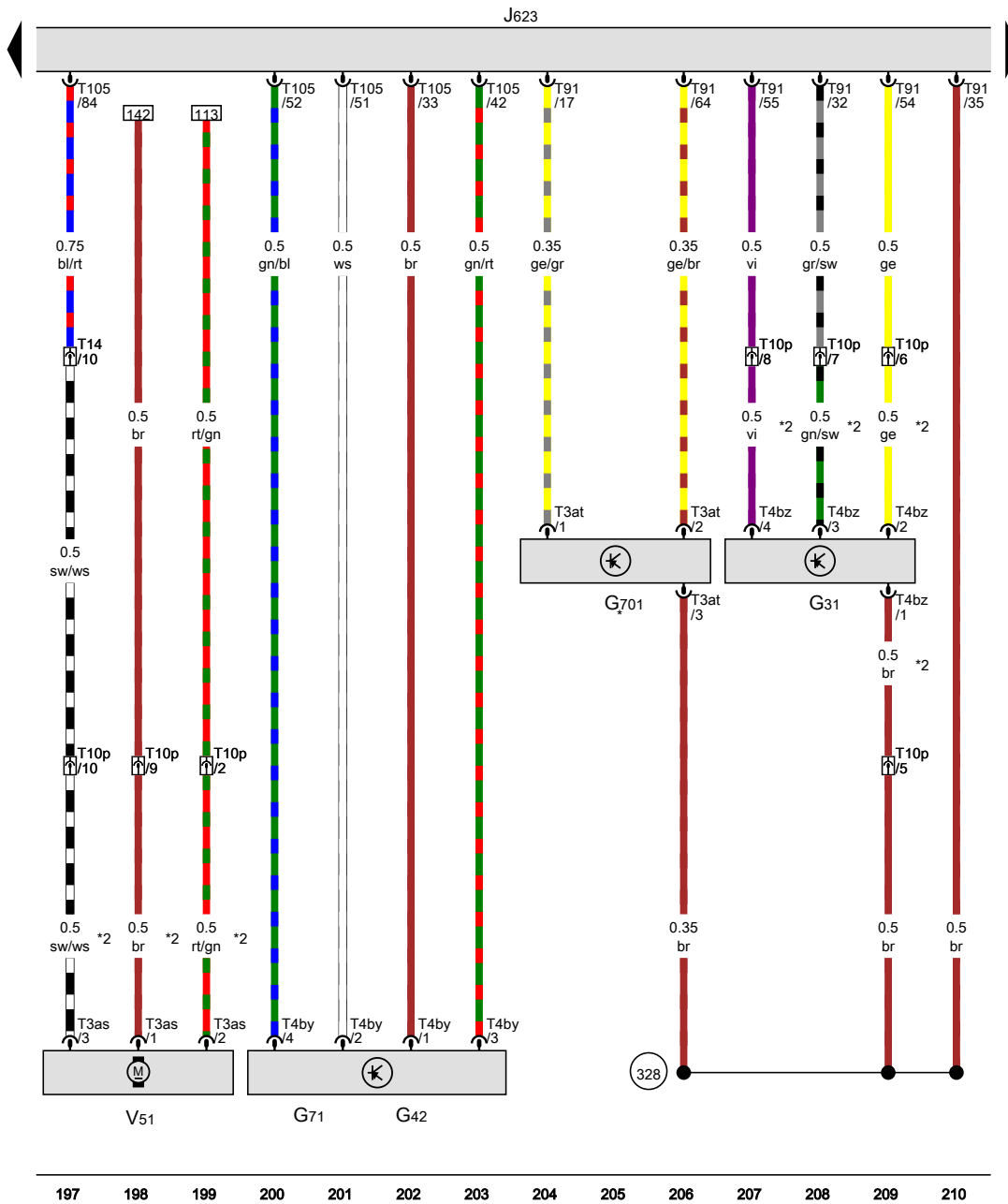
ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

185A-1321407181



Engine speed sender, Hall sender, Fuel pressure sender, Engine/motor control unit, Charge pressure positioner

- G28 Engine speed sender
- G40 Hall sender
- G247 Fuel pressure sender
- G581 Position sender for charge pressure positioner
- J623 Engine/motor control unit
- T3ak 3-pin connector, black
- T3al 3-pin connector, black
- T3ao 3-pin connector, black
- T6bm 6-pin connector, black
- T14f 14-pin connector, in engine compartment, black
- T105 105-pin connector, black
- V465 Charge pressure positioner
- * If fitted
- *2 Wiring colour depends on equipment



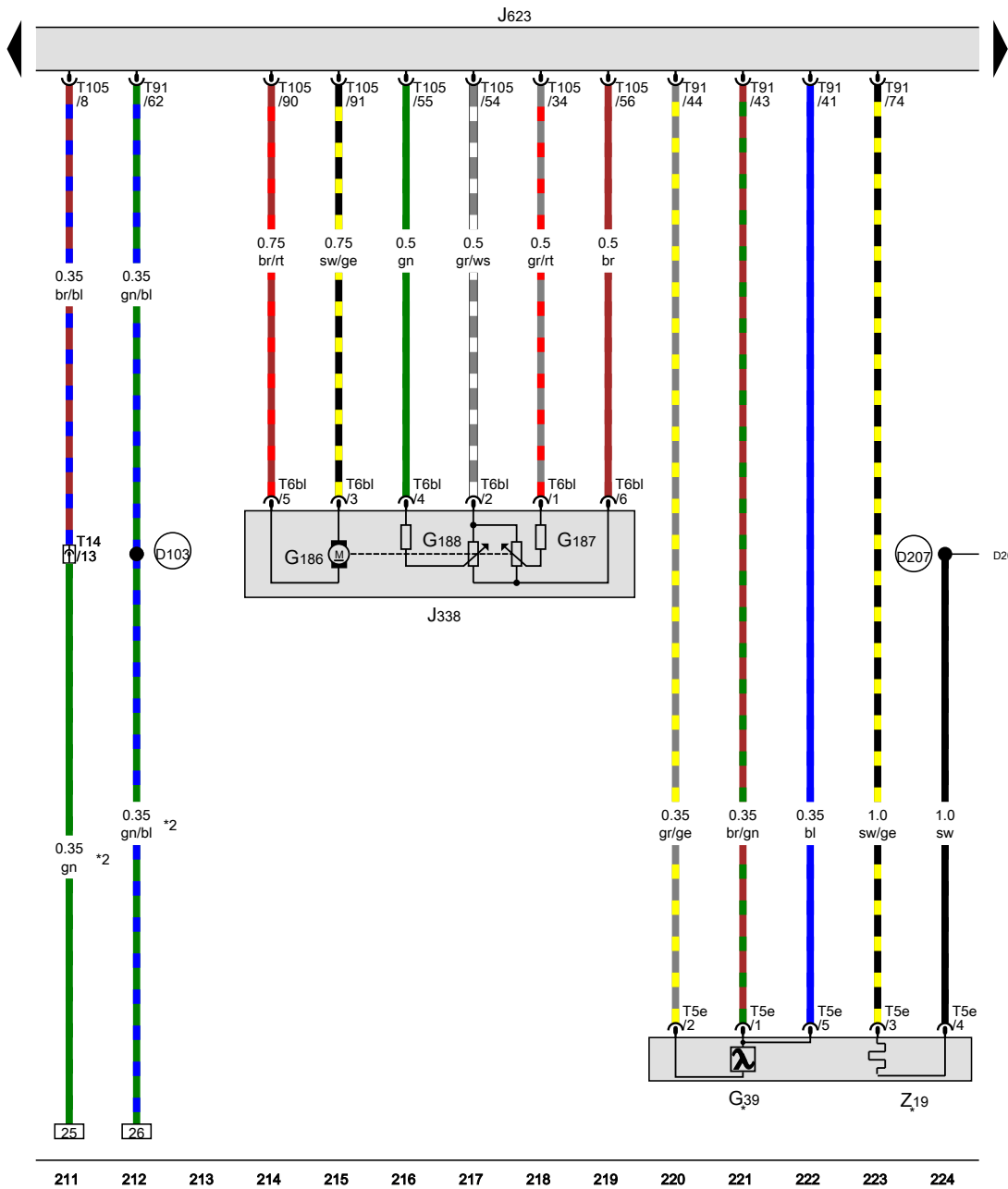
Charge pressure sender, Intake air temperature sender, Intake manifold pressure sender, Gearbox neutral position sender, Engine/motor control unit, Continued coolant circulation pump

- G31 Charge pressure sender
- G42 Intake air temperature sender
- G71 Intake manifold pressure sender
- G701 Gearbox neutral position sender
- J623 Engine/motor control unit
- T3as 3-pin connector, black
- T3at 3-pin connector, black
- T4by 4-pin connector, black
- T4bz 4-pin connector, black
- T10p 10-pin connector, black
- T14 14-pin connector, near front left longitudinal member, grey
- T91 91-pin connector, black
- T105 105-pin connector, black
- V51 Continued coolant circulation pump
- 328 Earth connection 2 (sender earth), in engine compartment wiring harness
- * If fitted
- *2 Wiring colour depends on equipment

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

185A-1321607181

Lambda probe, Throttle valve module, Engine/motor control unit



- G39 Lambda probe
- G186 Throttle valve drive for electric throttle
- G187 Throttle valve drive angle sender 1 for electric throttle
- G188 Throttle valve drive angle sender 2 for electric throttle
- J338 Throttle valve module
- J623 Engine/motor control unit
- T5e 5-pin connector
- T6bl 6-pin connector, black
- T14 14-pin connector, near front left longitudinal member, grey
- T91 91-pin connector, black
- T105 105-pin connector, black
- Z19 Lambda probe heater

D103 Connection 3 in engine compartment wiring harness

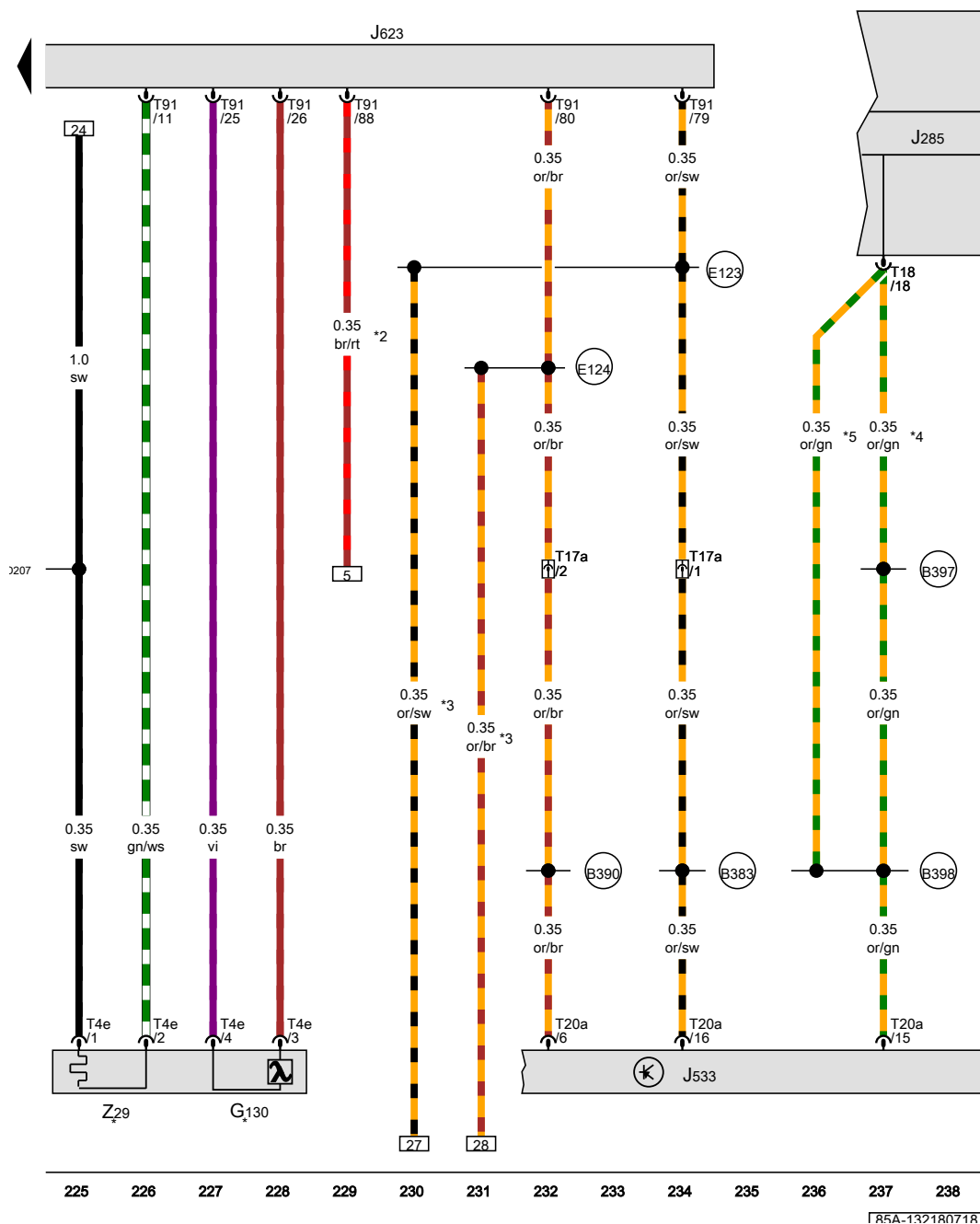
D207 Connection 7 (87a), in engine compartment wiring harness

* Pre-wired component

*2 see applicable current flow diagram for dual clutch gearbox

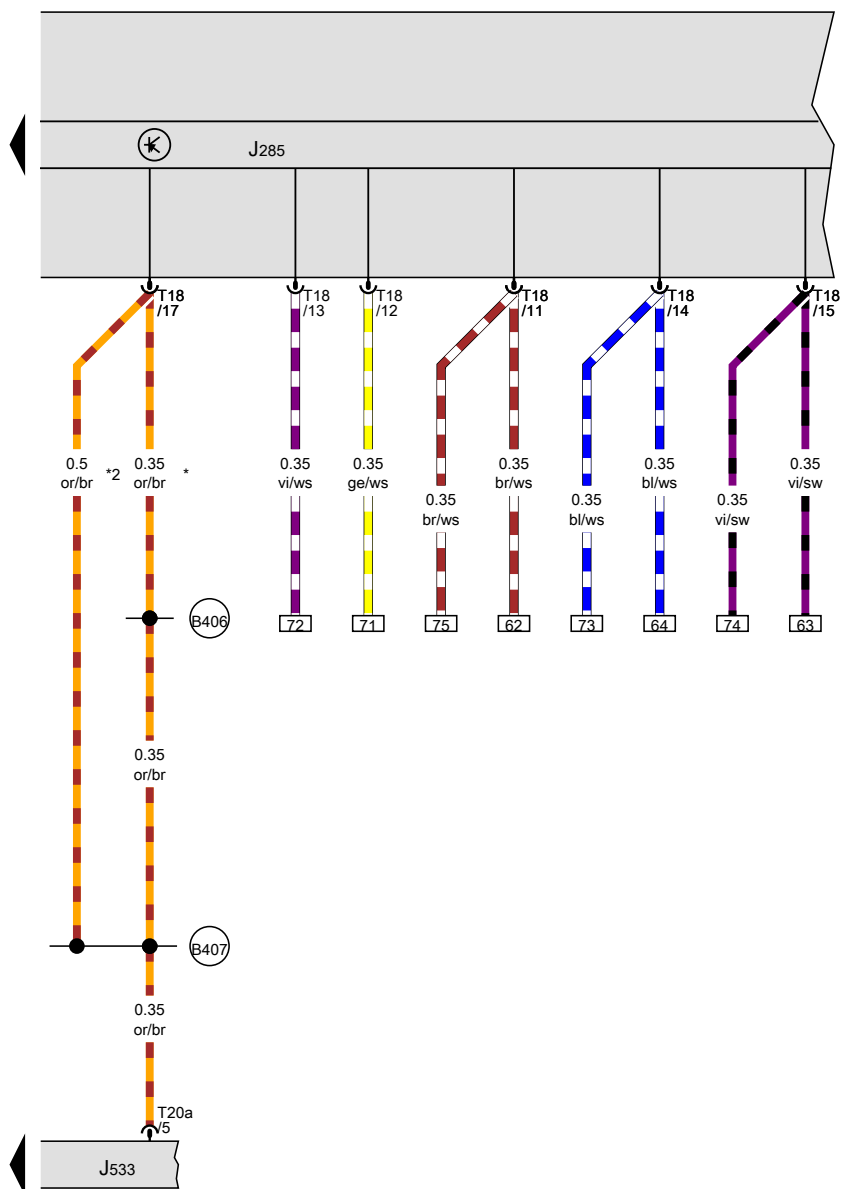
ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

[85A-132170718]



Lambda probe after catalytic converter, Control unit in dash panel insert, Data bus diagnostic interface, Engine/motor control unit

- G130 Lambda probe after catalytic converter
- J285 Control unit in dash panel insert
- J533 Data bus diagnostic interface
- J623 Engine/motor control unit
- T4e 4-pin connector, black
- T17a 17-pin connector, on lower section of left A-pillar, black
- T18 18-pin connector, black
- T20a 20-pin connector, red
- T91 91-pin connector, black
- Z29 Lambda probe 1 heater after catalytic converter
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- D207 Connection 7 (87a), in engine compartment wiring harness
- E123 Connection 1 (powertrain CAN bus, high), in engine wiring harness
- E124 Connection 1 (powertrain CAN bus, low), in engine wiring harness
- * Pre-wired component
- *2 see applicable current flow diagram for battery in engine compartment
- *3 see applicable current flow diagram for dual clutch gearbox
- *4 For left-hand drive models
- *5 For right-hand drive models



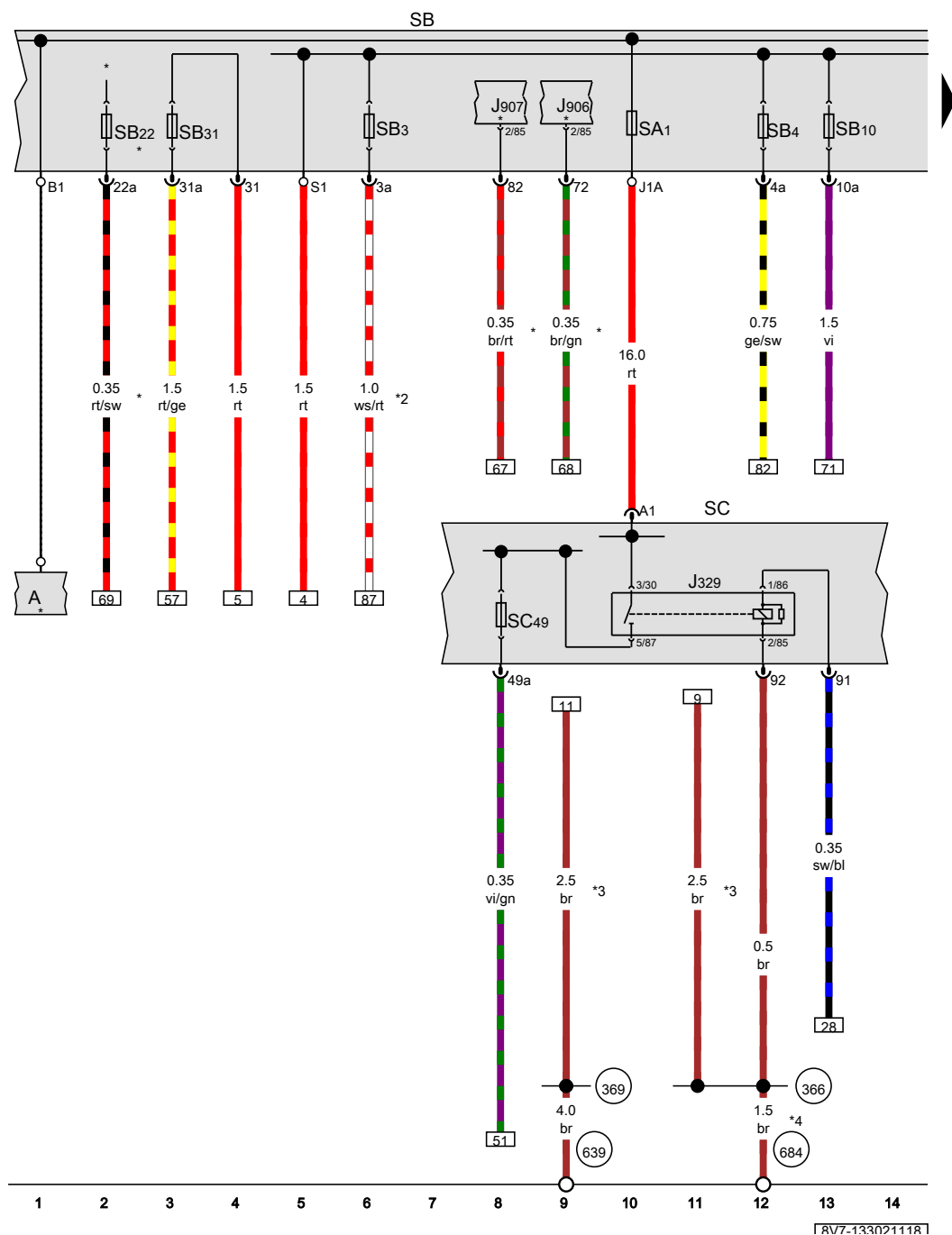
Control unit in dash panel insert, Data bus diagnostic interface

- J285 Control unit in dash panel insert
- J533 Data bus diagnostic interface
- T18 18-pin connector, black
- T20a 20-pin connector, red
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness
- * For left-hand drive models
- *2 For right-hand drive models

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

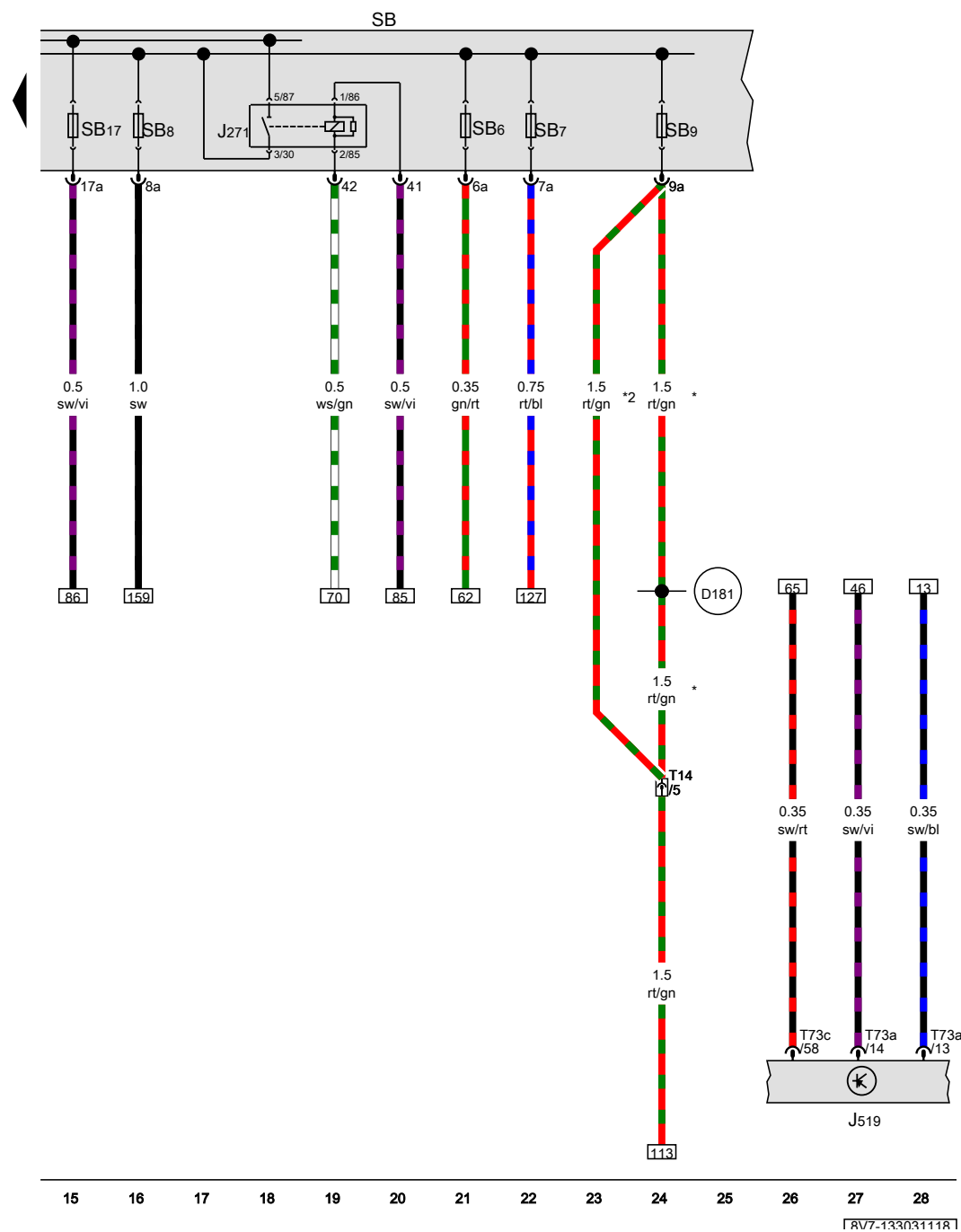
1.4l petrol engine , CZCC

From December 2015



Terminal 15 voltage supply relay, Fuse holder C

- A Battery
- J329 Terminal 15 voltage supply relay
- J906 Starter relay 1
- J907 Starter relay 2
- SA1 Fuse 1 on fuse holder A
- SB Fuse holder B
- SB3 Fuse 3 on fuse holder B
- SB4 Fuse 4 on fuse holder B
- SB10 Fuse 10 on fuse holder B
- SB22 Fuse 22 on fuse holder B
- SB31 Fuse 31 on fuse holder B
- SC Fuse holder C
- SC49 Fuse 49 on fuse holder C
- 366 Earth connection 1, in main wiring harness
- 369 Earth connection 4, in main wiring harness
- 639 Earth point, left A-pillar
- 684 Earth point on front of left side member
- * see applicable current flow diagram for battery in engine compartment
- *2 Wiring colour depends on equipment
- *3 For left-hand drive models
- *4 For right-hand drive models

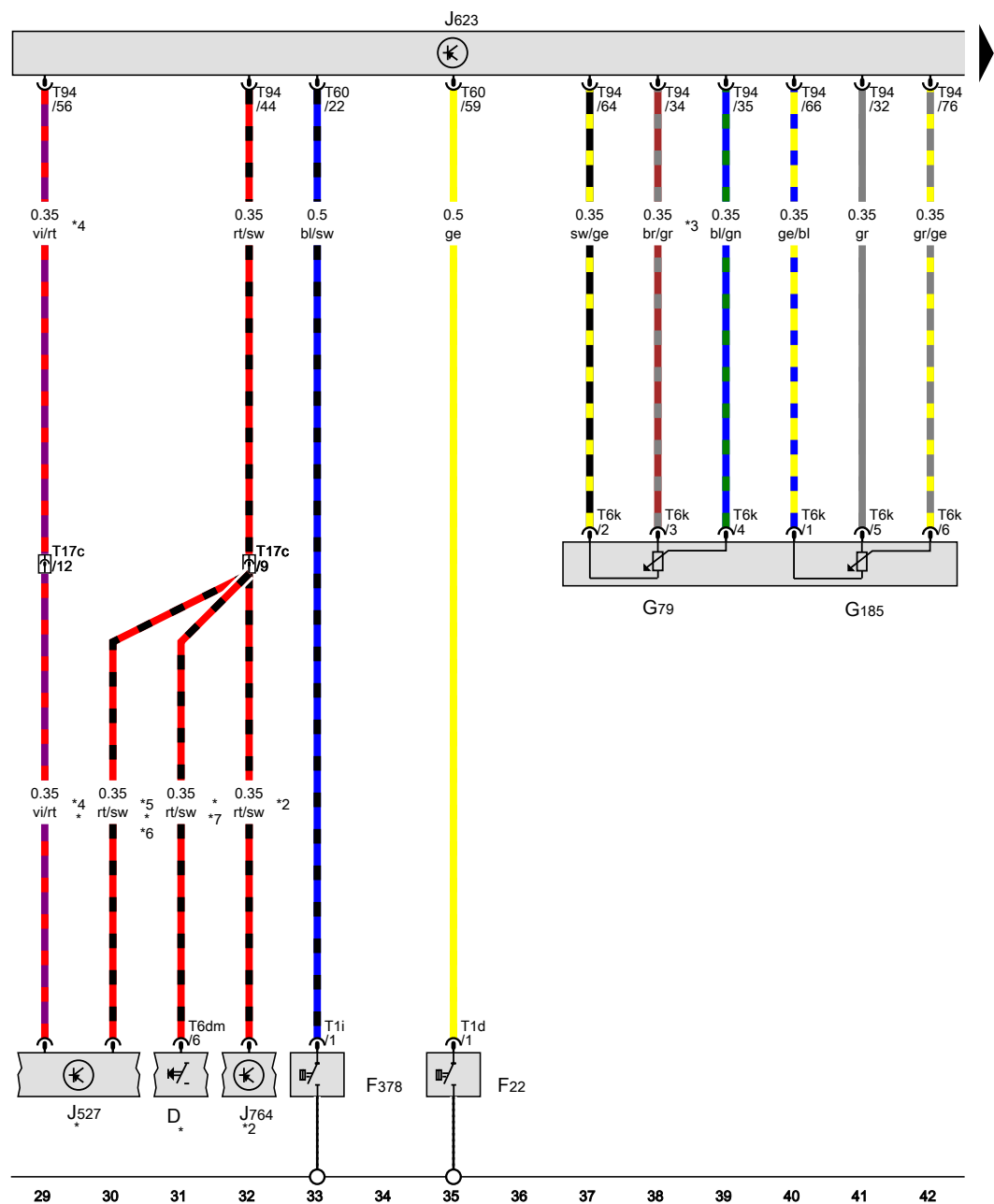


Main relay, Onboard supply control unit

- J271 Main relay
- J519 Onboard supply control unit
- SB Fuse holder B
- SB6 Fuse 6 on fuse holder B
- SB7 Fuse 7 on fuse holder B
- SB8 Fuse 8 on fuse holder B
- SB9 Fuse 9 on fuse holder B
- SB17 Fuse 17 on fuse holder B
- T14 14-pin connector, near front left longitudinal member, grey
- T73a 73-pin connector, black
- T73c 73-pin connector, black
- D181 Connection 2 (87a), in engine compartment wiring harness

* Gradually discontinued
*2 gradual introduction

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

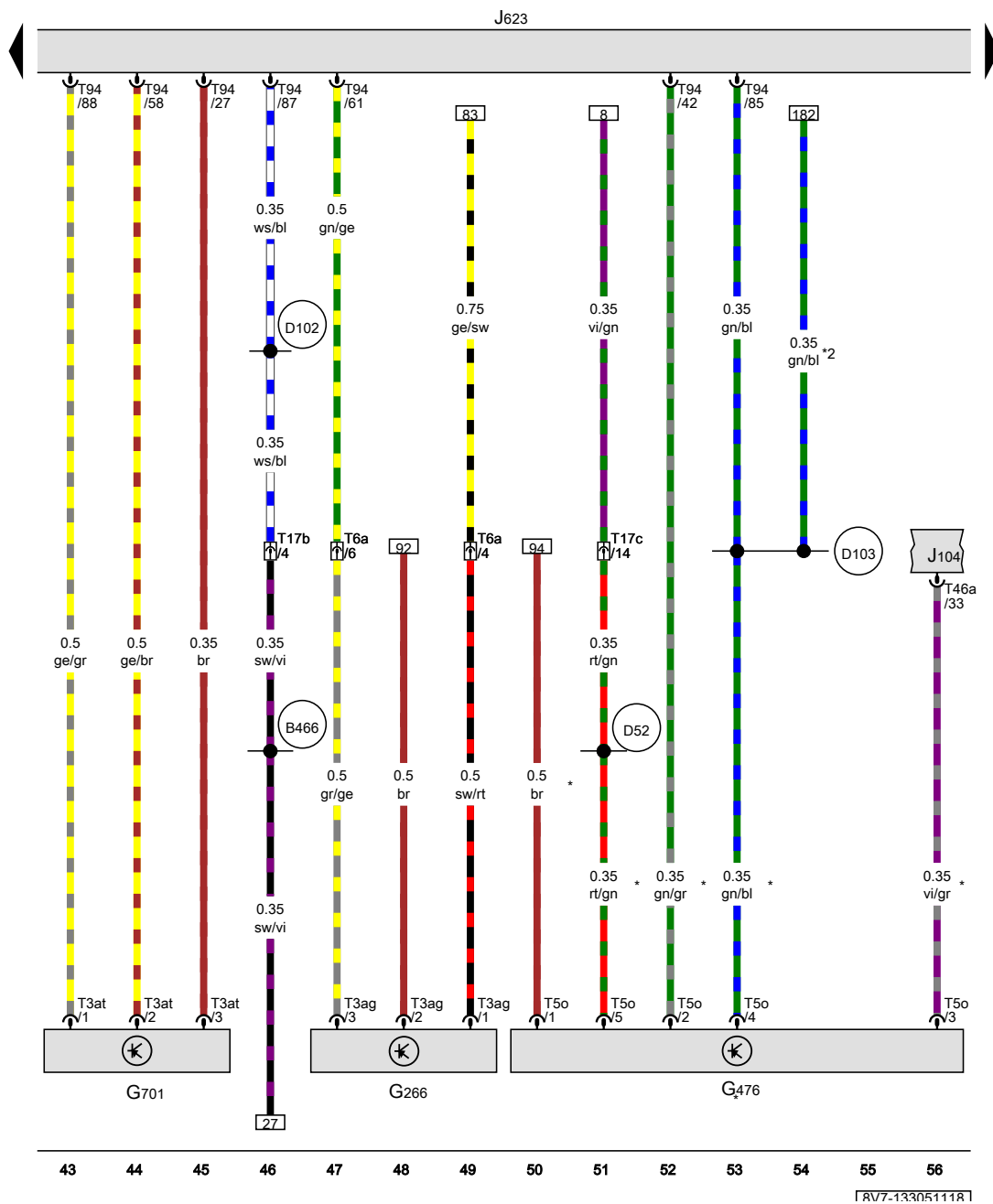


Oil pressure switch, Oil pressure switch for reduced oil pressure, Accelerator position sender, Accelerator position sender 2, Steering column electronics control unit, Engine/motor control unit

- D Ignition/starter switch
- F22 Oil pressure switch
- F378 Oil pressure switch for reduced oil pressure
- G79 Accelerator position sender
- G185 Accelerator position sender 2
- J527 Steering column electronics control unit
- J623 Engine/motor control unit
- J764 Control unit for electronic steering column lock
- T1d 1-pin connector, black
- T1i 1-pin connector, black
- T6dm 6-pin connector, black
- T6k 6-pin connector, black
- T17c 17-pin connector, on lower section of left A-pillar, red
- T60 60-pin connector, black
- T94 94-pin connector, black
- * see applicable current flow diagram for steering column electronics
- *2 see applicable current flow diagram for entry and start authorisation
- *3 Wiring colour depends on equipment
- *4 For models with cruise control system (CCS)
- *5 For models with no entry and start authorisation
- *6 Up to June 2018
- *7 From July 2018

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

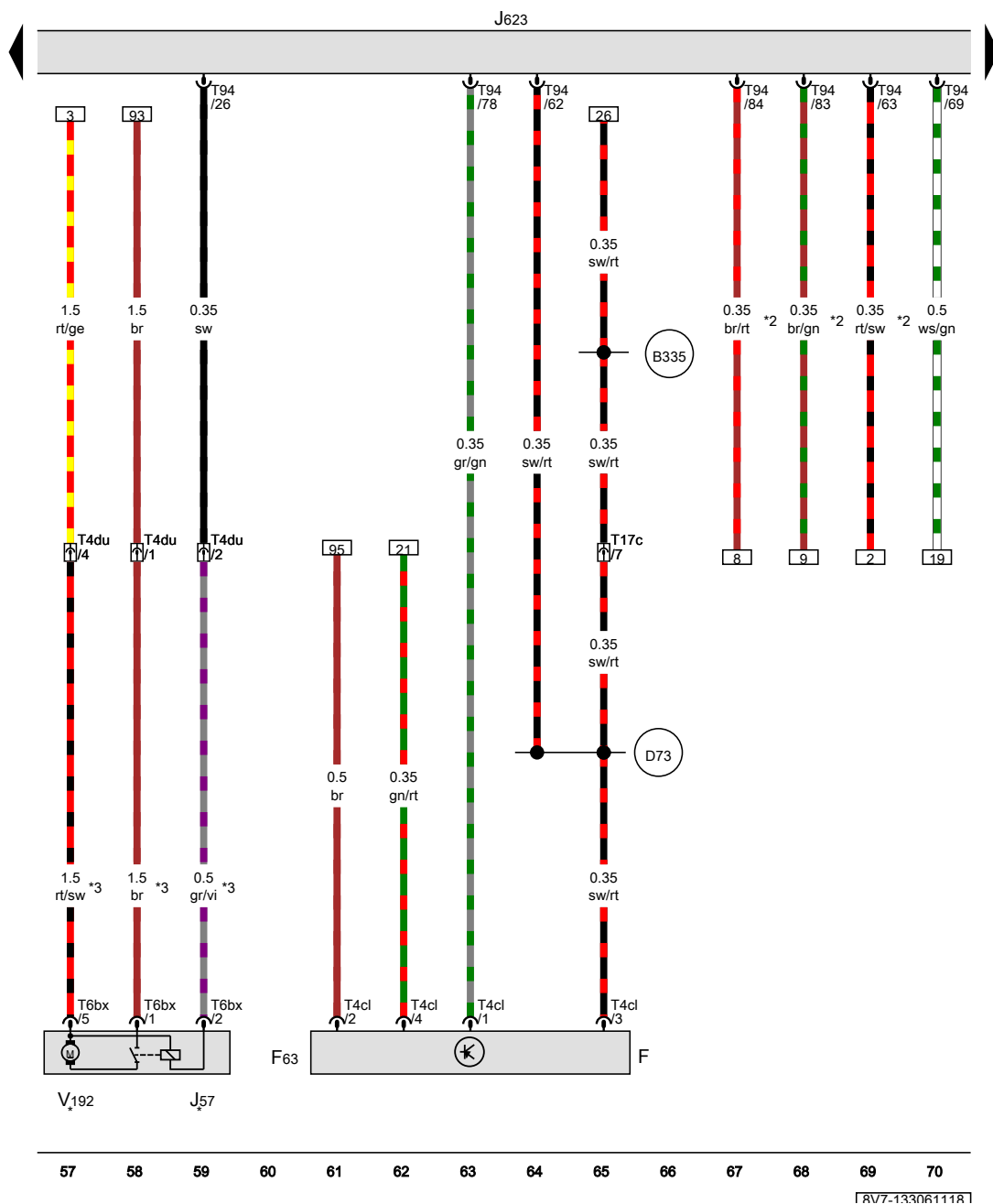
Oil level and oil temperature sender, Clutch position sender, Gearbox neutral position sender, Engine/motor control unit



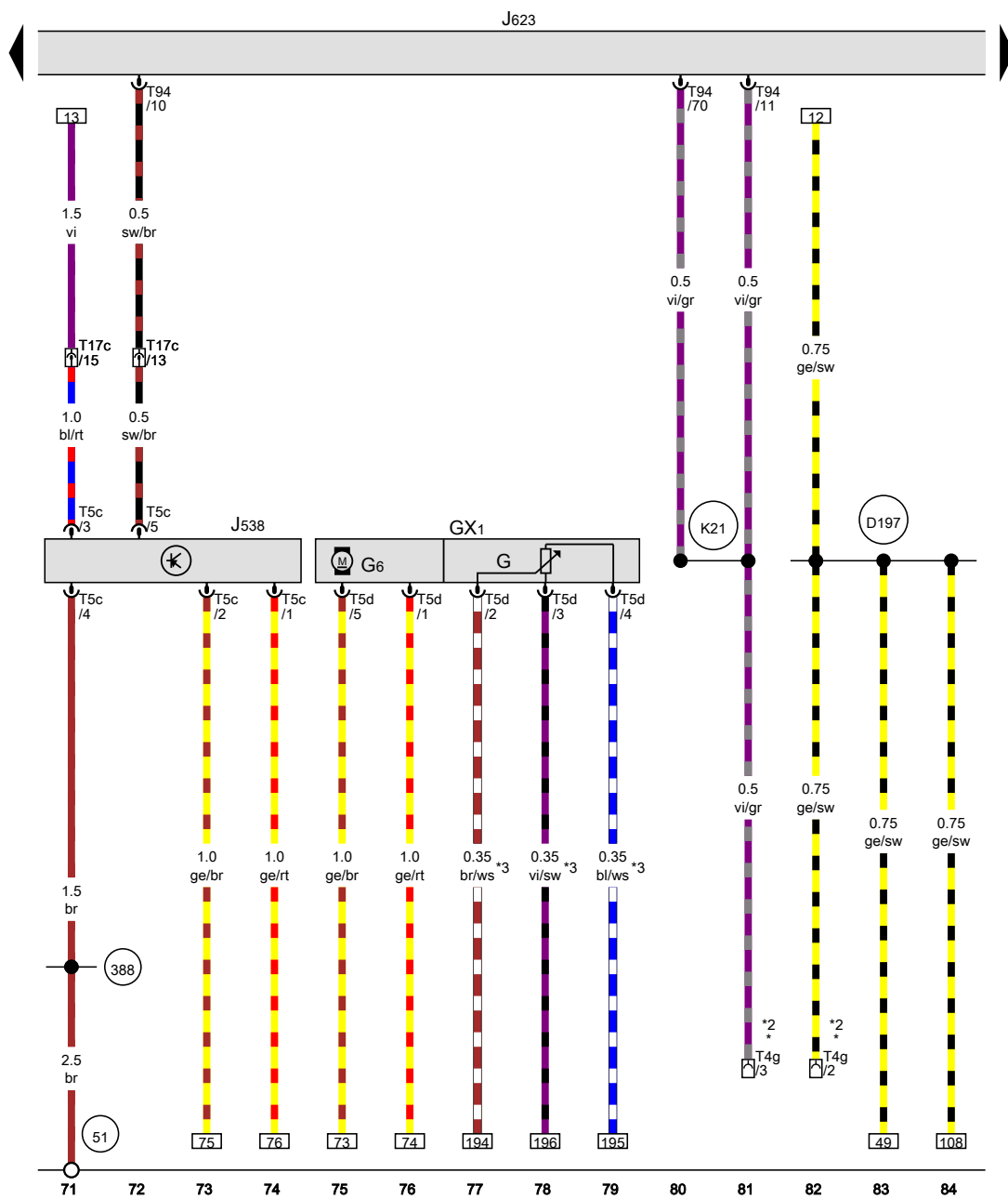
- G266 Oil level and oil temperature sender
- G476 Clutch position sender
- G701 Gearbox neutral position sender
- J104 ABS control unit
- J623 Engine/motor control unit
- T3ag 3-pin connector, black
- T3at 3-pin connector, black
- T5o 5-pin connector, black
- T6a 6-pin connector, black
- T17b 17-pin connector, on lower section of left A-pillar, brown
- T17c 17-pin connector, on lower section of left A-pillar, red
- T46a 46-pin connector, black
- T94 94-pin connector, black

- B466 Connection 2, in main wiring harness
- D52 Positive connection (15a), in engine compartment wiring harness
- D102 Connection 2 in engine compartment wiring harness
- D103 Connection 3 in engine compartment wiring harness
- * For models with manual gearbox
- *2 For models with dual clutch gearbox

Brake light switch, Brake pedal switch, Engine/motor control unit



- F Brake light switch
- F63 Brake pedal switch
- J57 Vacuum pump relay
- J623 Engine/motor control unit
- T4cl 4-pin connector, black
- T4du 4-pin connector, black
- T6bx 6-pin connector, black
- T17c 17-pin connector, on lower section of left A-pillar, red
- T94 94-pin connector, black
- V192 Vacuum pump for brakes
- B335 Connection 1 (54), in main wiring harness
- D73 Positive connection (54), in engine compartment wiring harness
- * For models with equipment for Japan
- *2 see applicable current flow diagram for battery in engine compartment
- *3 Wiring colour depends on equipment



Fuel gauge sender, Fuel delivery unit, Fuel system pressurisation pump, Engine/motor control unit

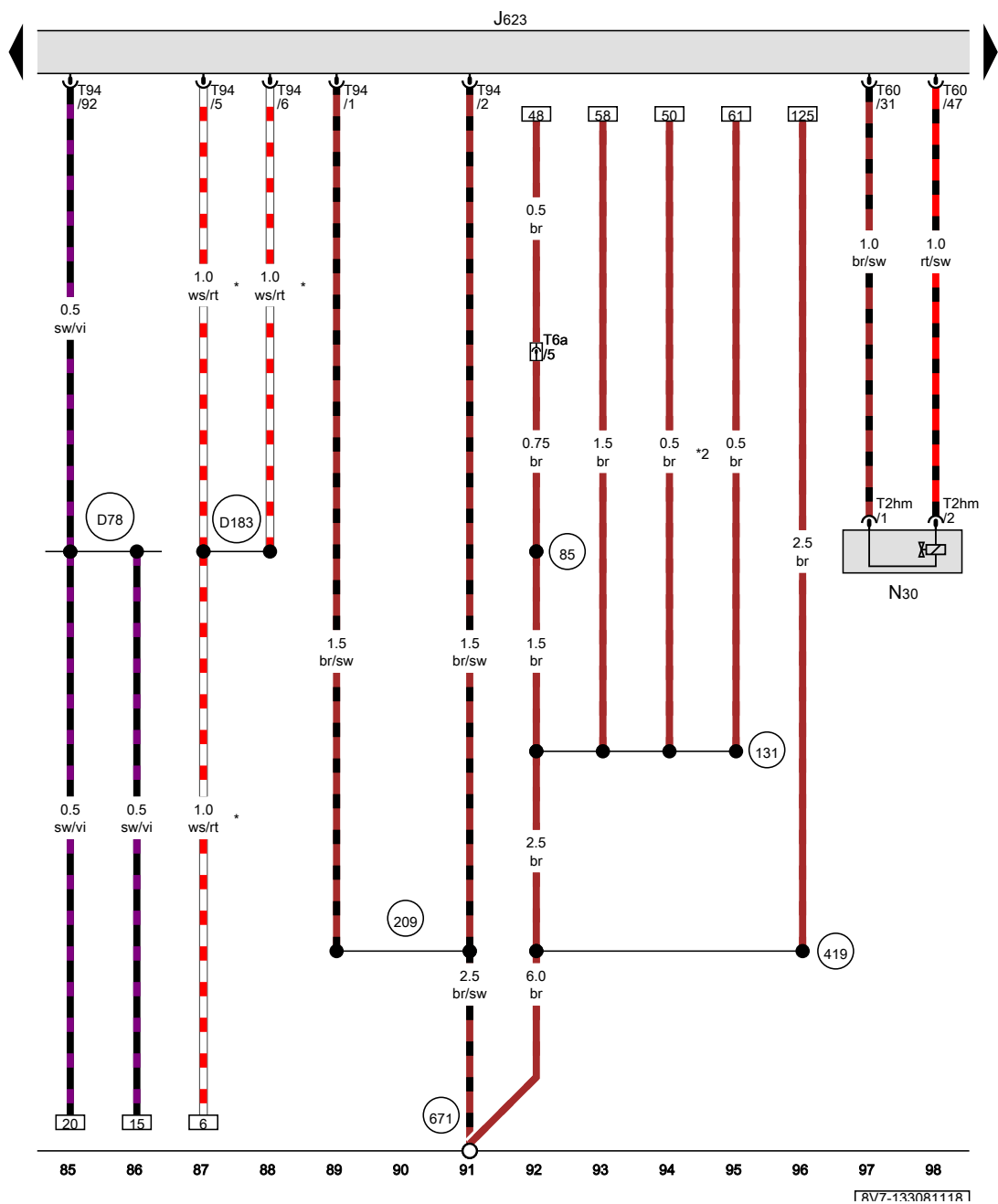
- G Fuel gauge sender
- GX1 Fuel delivery unit
- G6 Fuel system pressurisation pump
- J538 Fuel pump control unit
- J623 Engine/motor control unit
- T4g 4-pin connector, black
- T5c 5-pin connector, black
- T5d 5-pin connector, black
- T17c 17-pin connector, on lower section of left A-pillar, red
- T94 94-pin connector, black

- 51 Earth point, on right in luggage compartment
- 388 Earth connection 23, in main wiring harness
- D197 Connection 5 (87a), in engine compartment wiring harness
- K21 Connection 1, in radiator fan wiring harness

- * Radiator fan connection
- *2 see applicable current flow diagram for radiator fan
- *3 see applicable current flow diagram for fuel system

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

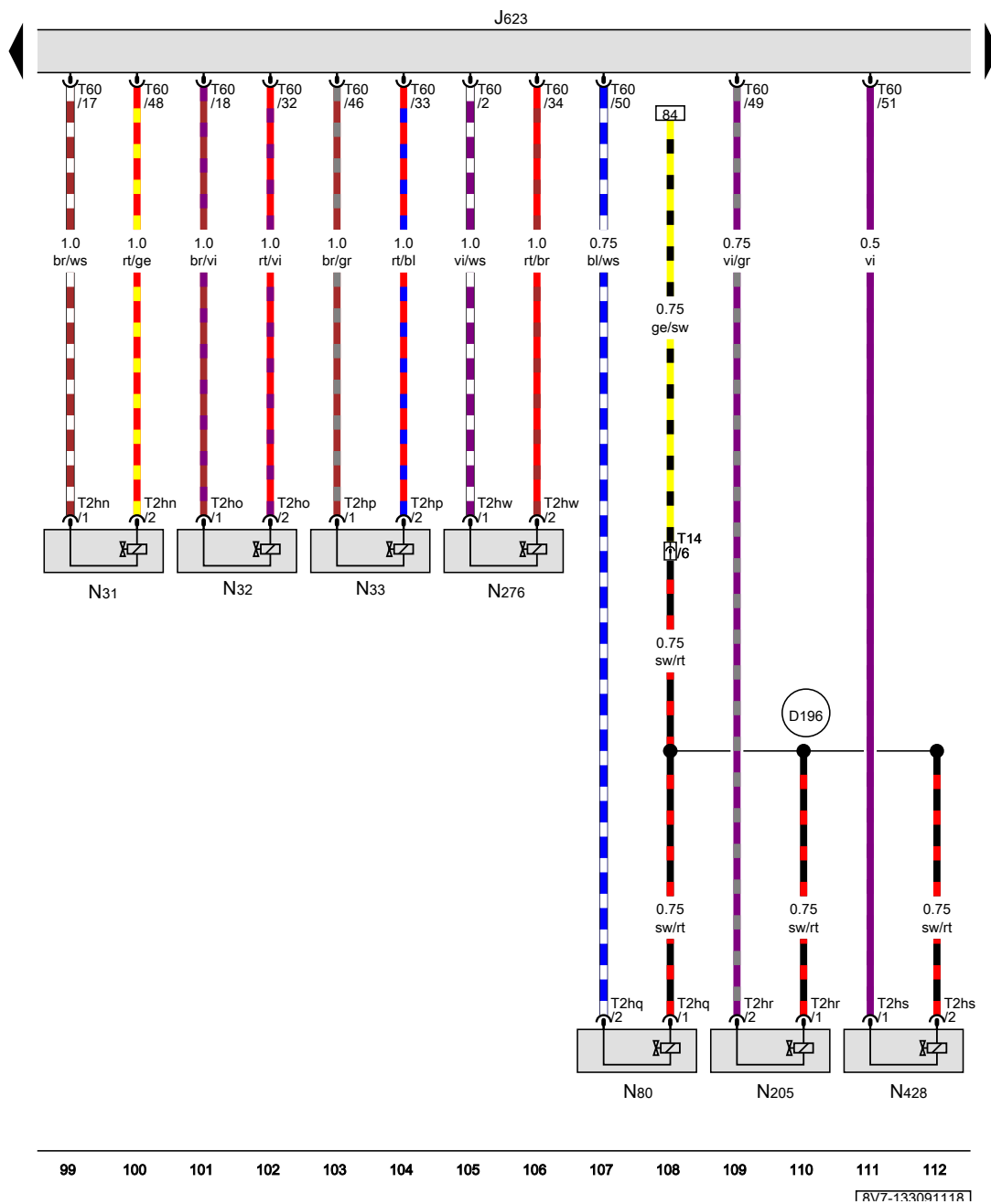
Engine/motor control unit, Injector, cylinder 1



- J623 Engine/motor control unit
- N30 Injector, cylinder 1
- T2hm 2-pin connector, black
- T6a 6-pin connector, black
- T60 60-pin connector, black
- T94 94-pin connector, black
- 85 Earth connection 1, in engine compartment wiring harness
- 131 Earth connection 2, in engine compartment wiring harness
- 209 Earth connection 6, in engine compartment wiring harness
- 419 Earth connection 11, in engine compartment wiring harness
- 671 Earth point 1, on front of left longitudinal member
- D78 Positive connection 1 (30a), in engine compartment wiring harness
- D183 Connection 4 (87a), in engine compartment wiring harness

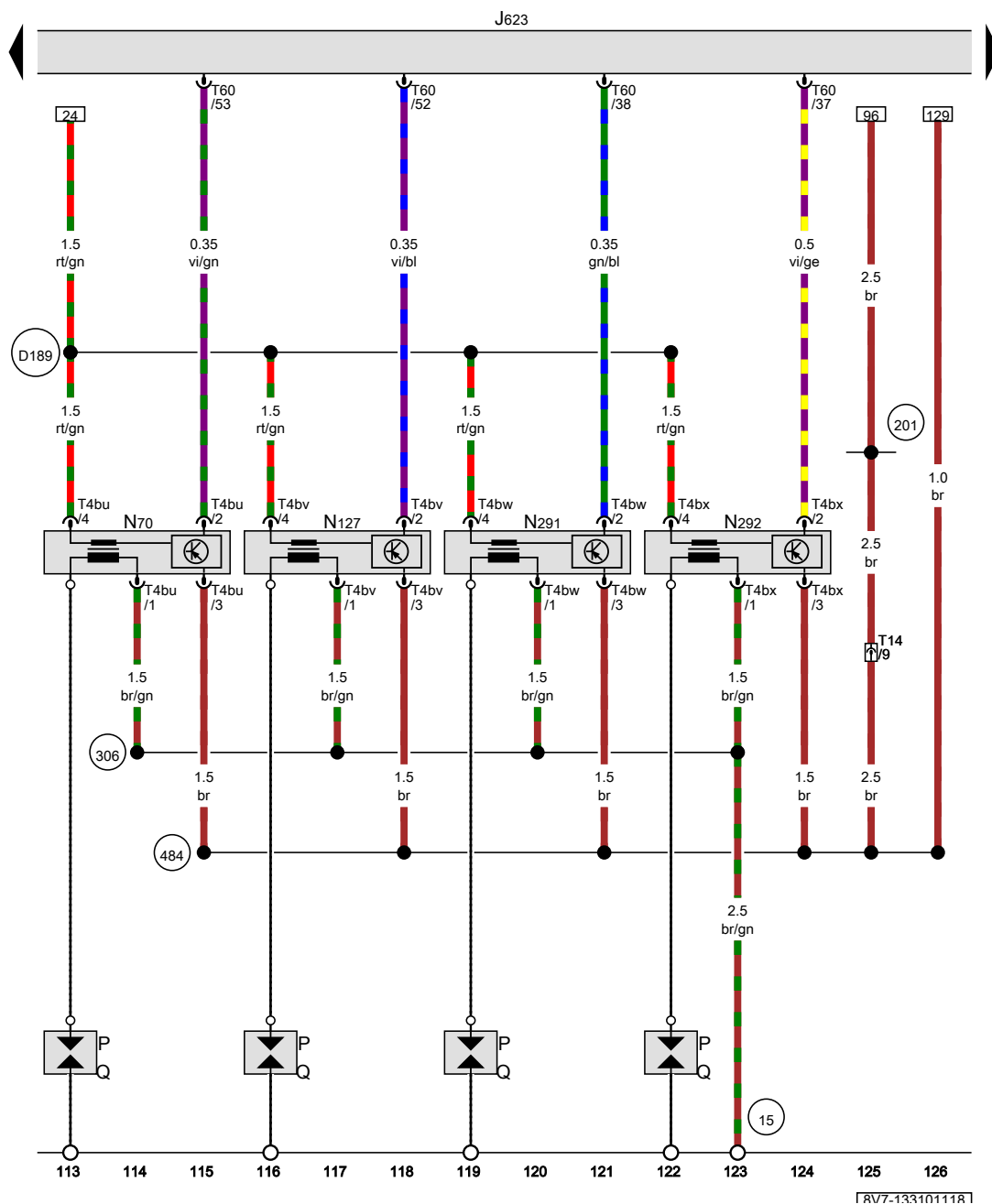
* Wiring colour depends on equipment
 *2 For models with manual gearbox

AV7-133081118



Engine/motor control unit, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4, Activated charcoal filter solenoid valve 1, Camshaft control valve 1, Fuel pressure regulating valve, Valve for oil pressure control

- J623 Engine/motor control unit
- N31 Injector, cylinder 2
- N32 Injector, cylinder 3
- N33 Injector, cylinder 4
- N80 Activated charcoal filter solenoid valve 1
- N205 Camshaft control valve 1
- N276 Fuel pressure regulating valve
- N428 Valve for oil pressure control
- T2hn 2-pin connector, black
- T2ho 2-pin connector, black
- T2hp 2-pin connector, black
- T2hq 2-pin connector, black
- T2hr 2-pin connector, black
- T2hs 2-pin connector, black
- T2hw 2-pin connector, black
- T14 14-pin connector, near front left longitudinal member, grey
- T60 60-pin connector, black
- D196 Connection 2 (87a) in engine prewiring harness

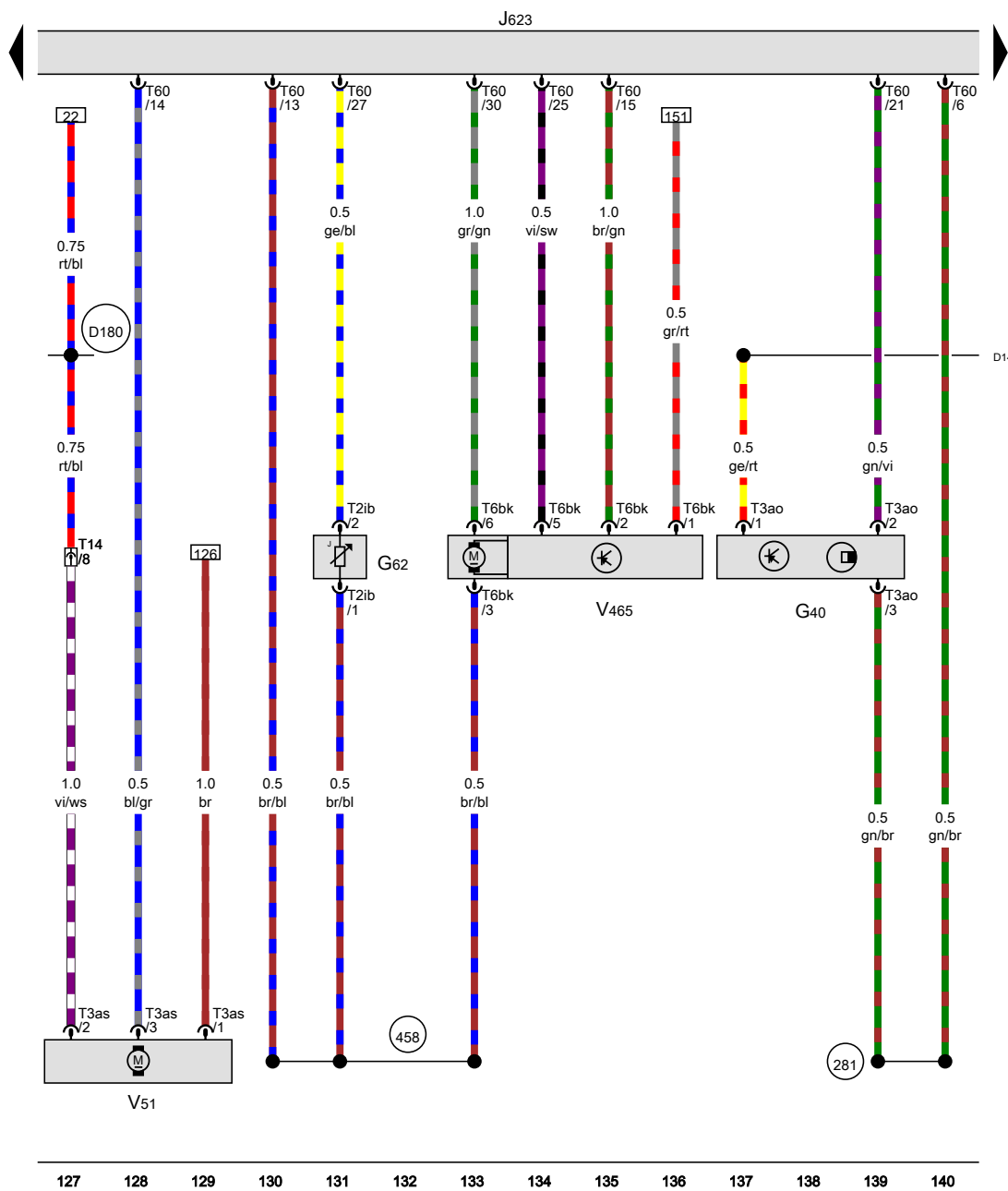


Engine/motor control unit, Ignition coil 1 with output stage, Ignition coil 2 with output stage, Ignition coil 3 with output stage, Ignition coil 4 with output stage

- J623 Engine/motor control unit
- N70 Ignition coil 1 with output stage
- N127 Ignition coil 2 with output stage
- N291 Ignition coil 3 with output stage
- N292 Ignition coil 4 with output stage
- P Spark plug connector
- Q Spark plugs
- T4bu 4-pin connector, black
- T4bv 4-pin connector, black
- T4bw 4-pin connector, black
- T4bx 4-pin connector, black
- T14 14-pin connector, near front left longitudinal member, grey
- T60 60-pin connector, black
- 15 Earth point, on cylinder head
- 201 Earth connection 5, in engine compartment wiring harness
- 306 Earth connection (ignition coils), in engine prewiring harness
- 484 Earth connection 2 (ignition coils), in engine prewiring harness
- D189 Connection (87a) in engine prewiring harness

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

18V7-133101118

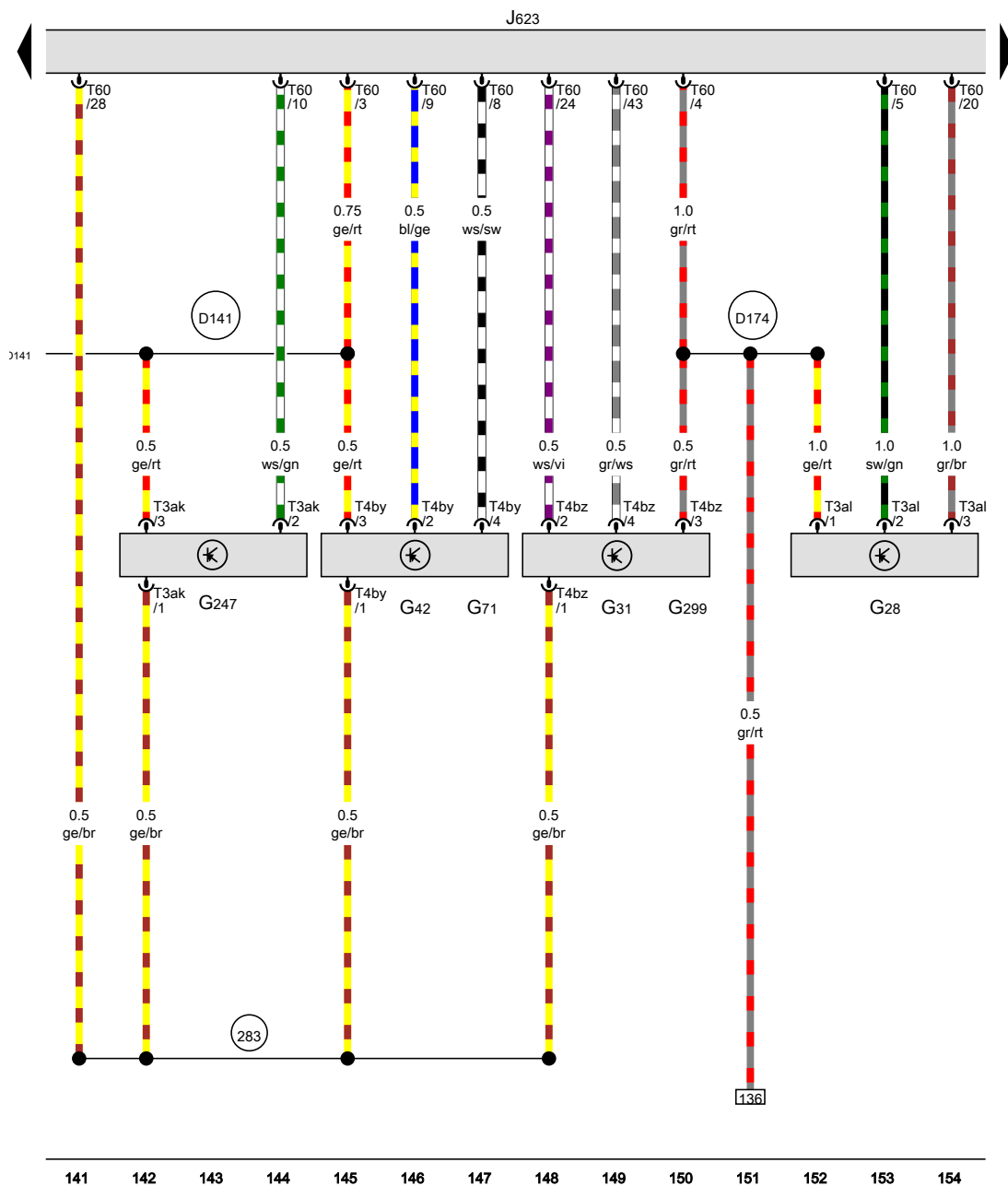


Hall sender, Coolant temperature sender, Engine/motor control unit, Continued coolant circulation pump, Charge pressure positioner

- G40 Hall sender
- G62 Coolant temperature sender
- J623 Engine/motor control unit
- T2ib 2-pin connector, black
- T3ao 3-pin connector, black
- T3as 3-pin connector, black
- T6bk 6-pin connector, grey
- T14 14-pin connector, near front left longitudinal member, grey
- T60 60-pin connector, black
- V51 Continued coolant circulation pump
- V465 Charge pressure positioner

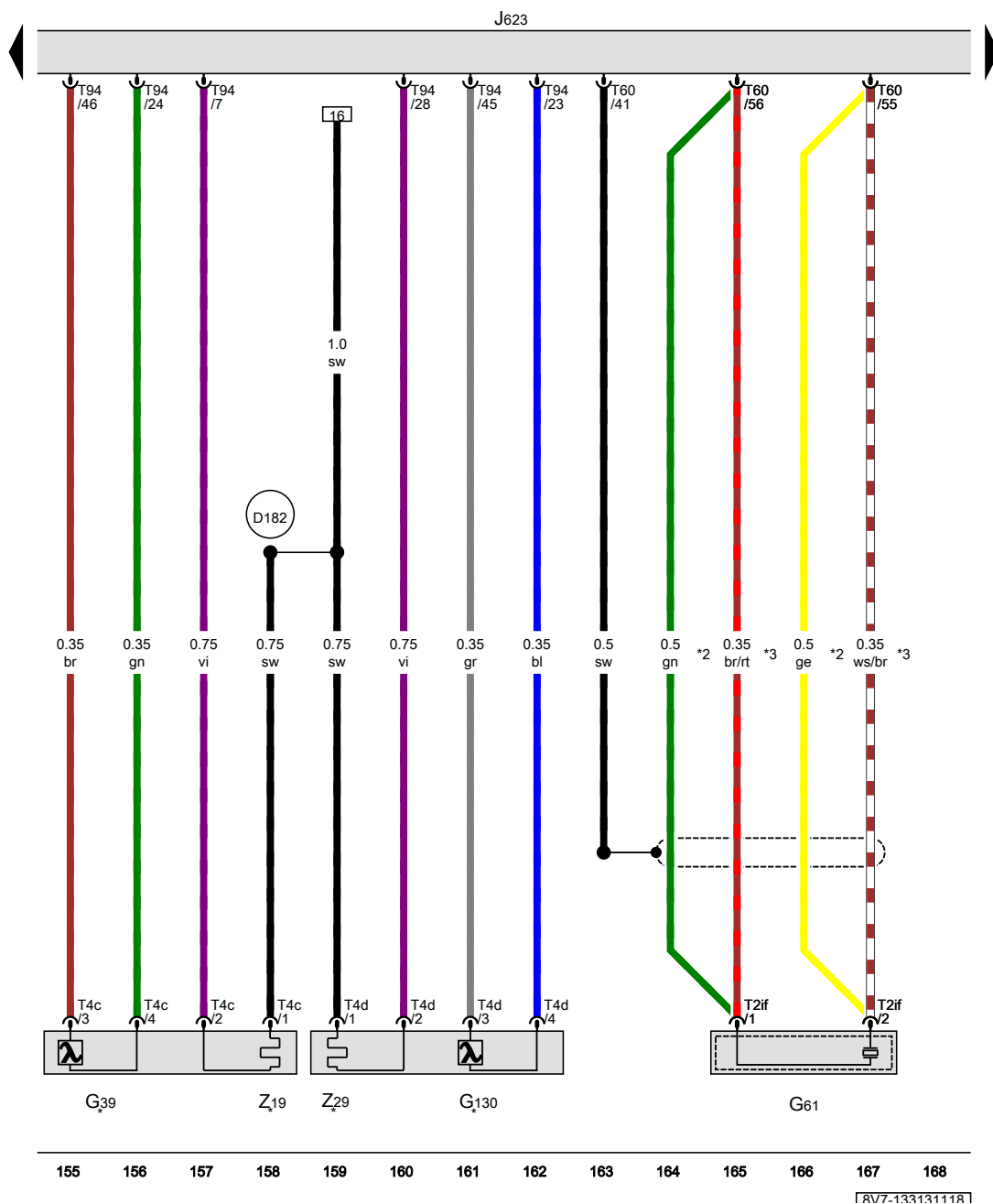
- D281 Earth point 1, engine prewiring harness
- D458 Earth point 3, engine prewiring harness
- D141 Connection (5V) in engine prewiring harness
- D180 Connection (87a), in engine compartment wiring harness

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



Engine speed sender, Charge pressure sender, Intake air temperature sender, Intake manifold pressure sender, Fuel pressure sender, Intake air temperature sender 2, Engine/motor control unit

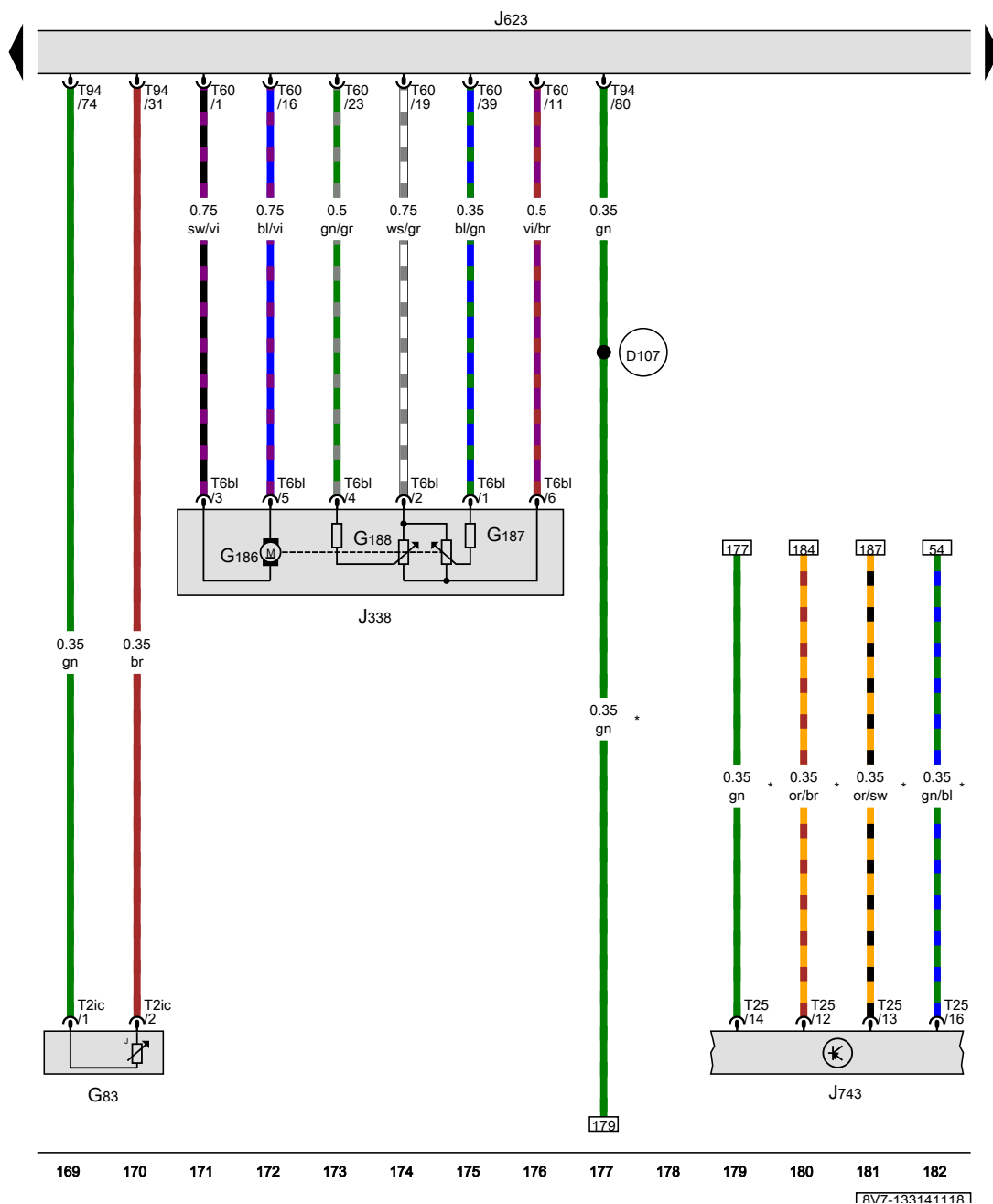
- G28 Engine speed sender
- G31 Charge pressure sender
- G42 Intake air temperature sender
- G71 Intake manifold pressure sender
- G247 Fuel pressure sender
- G299 Intake air temperature sender 2
- J623 Engine/motor control unit
- T3ak 3-pin connector, black
- T3al 3-pin connector, black
- T4by 4-pin connector, black
- T4bz 4-pin connector, black
- T60 60-pin connector, black
- 283 Earth point 2, engine prewiring harness
- D141 Connection (5V) in engine prewiring harness
- D174 Connection 2 (5V) in engine prewiring harness



Lambda probe, Knock sensor 1, Lambda probe after catalytic converter, Engine/motor control unit, Lambda probe heater, Lambda probe 1 heater after catalytic converter

- G39 Lambda probe
- G61 Knock sensor 1
- G130 Lambda probe after catalytic converter
- J623 Engine/motor control unit
- T2if 2-pin connector
- T4c 4-pin connector, brown
- T4d 4-pin connector, black
- T60 60-pin connector, black
- T94 94-pin connector, black
- Z19 Lambda probe heater
- Z29 Lambda probe 1 heater after catalytic converter
- D182 Connection 3 (87a), in engine compartment wiring harness
- * Pre-wired component
- *2 gradual introduction
- *3 Gradually discontinued

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
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rs = pink

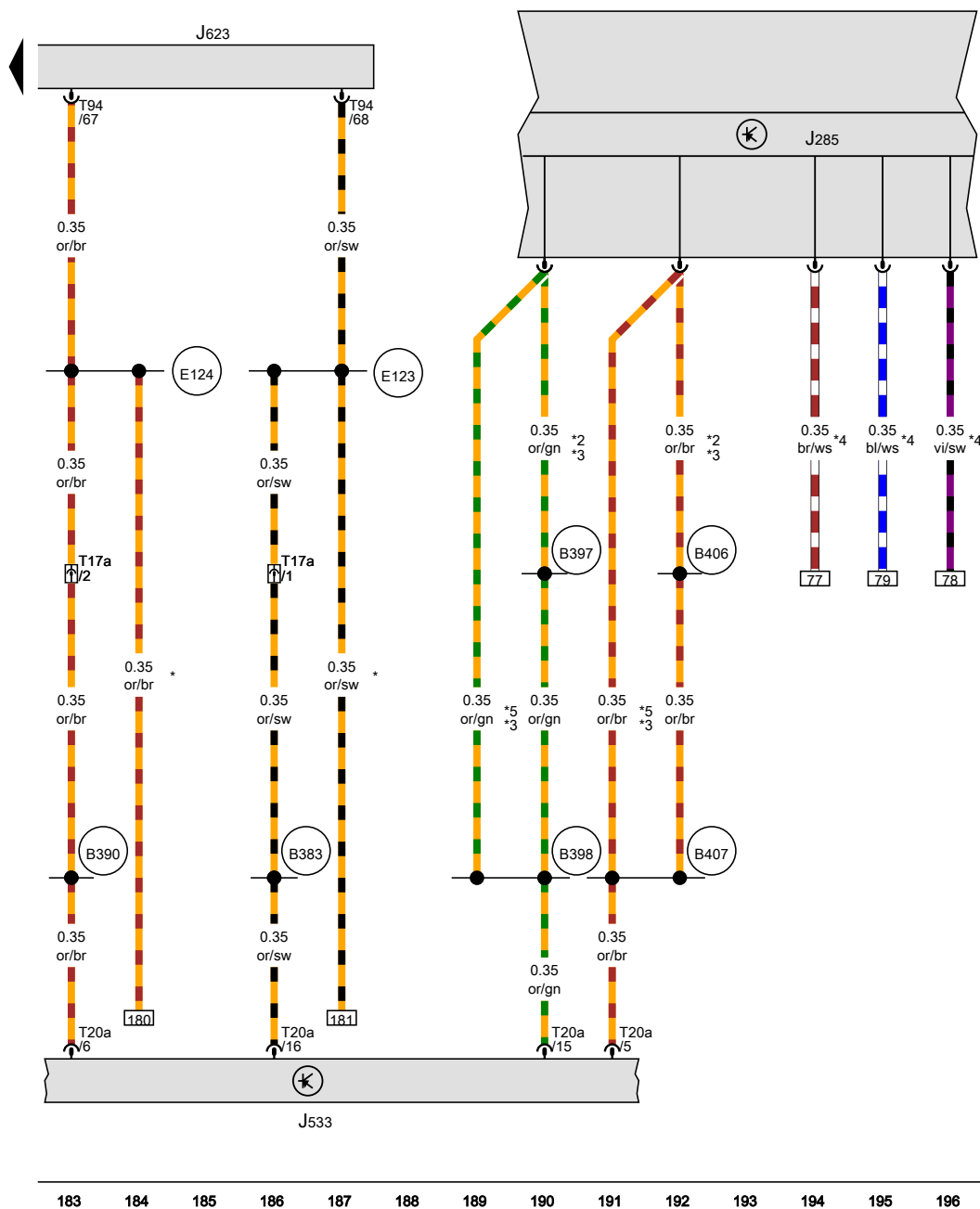


Radiator outlet coolant temperature sender, Throttle valve module, Engine/motor control unit, Mechatronic unit for dual clutch gearbox

- G83 Radiator outlet coolant temperature sender
- G186 Throttle valve drive for electric throttle
- G187 Throttle valve drive angle sender 1 for electric throttle
- G188 Throttle valve drive angle sender 2 for electric throttle
- J338 Throttle valve module
- J623 Engine/motor control unit
- J743 Mechatronic unit for dual clutch gearbox
- T2ic 2-pin connector, black
- T6bl 6-pin connector, black
- T25 25-pin connector, black
- T60 60-pin connector, black
- T94 94-pin connector, black

D107 Connection 5 in engine compartment wiring harness

* For models with dual clutch gearbox



Control unit in dash panel insert, Data bus diagnostic interface, Engine/motor control unit

- J285 Control unit in dash panel insert
- J533 Data bus diagnostic interface
- J623 Engine/motor control unit
- T17a 17-pin connector, on lower section of left A-pillar, black
- T20a 20-pin connector, red
- T94 94-pin connector, black
- (B383) Connection 1 (powertrain CAN bus, high), in main wiring harness
- (B390) Connection 1 (powertrain CAN bus, low), in main wiring harness
- (B397) Connection 1 (convenience CAN bus, high), in main wiring harness
- (B398) Connection 2 (convenience CAN bus, high), in main wiring harness
- (B406) Connection 1 (convenience CAN bus, low), in main wiring harness
- (B407) Connection 2 (convenience CAN bus, low), in main wiring harness
- (E123) Connection 1 (powertrain CAN bus, high), in engine wiring harness
- (E124) Connection 1 (powertrain CAN bus, low), in engine wiring harness
- * For models with dual clutch gearbox
- *2 For left-hand drive models
- *3 see applicable current flow diagram for dash panel insert
- *4 see applicable current flow diagram for fuel system
- *5 For right-hand drive models

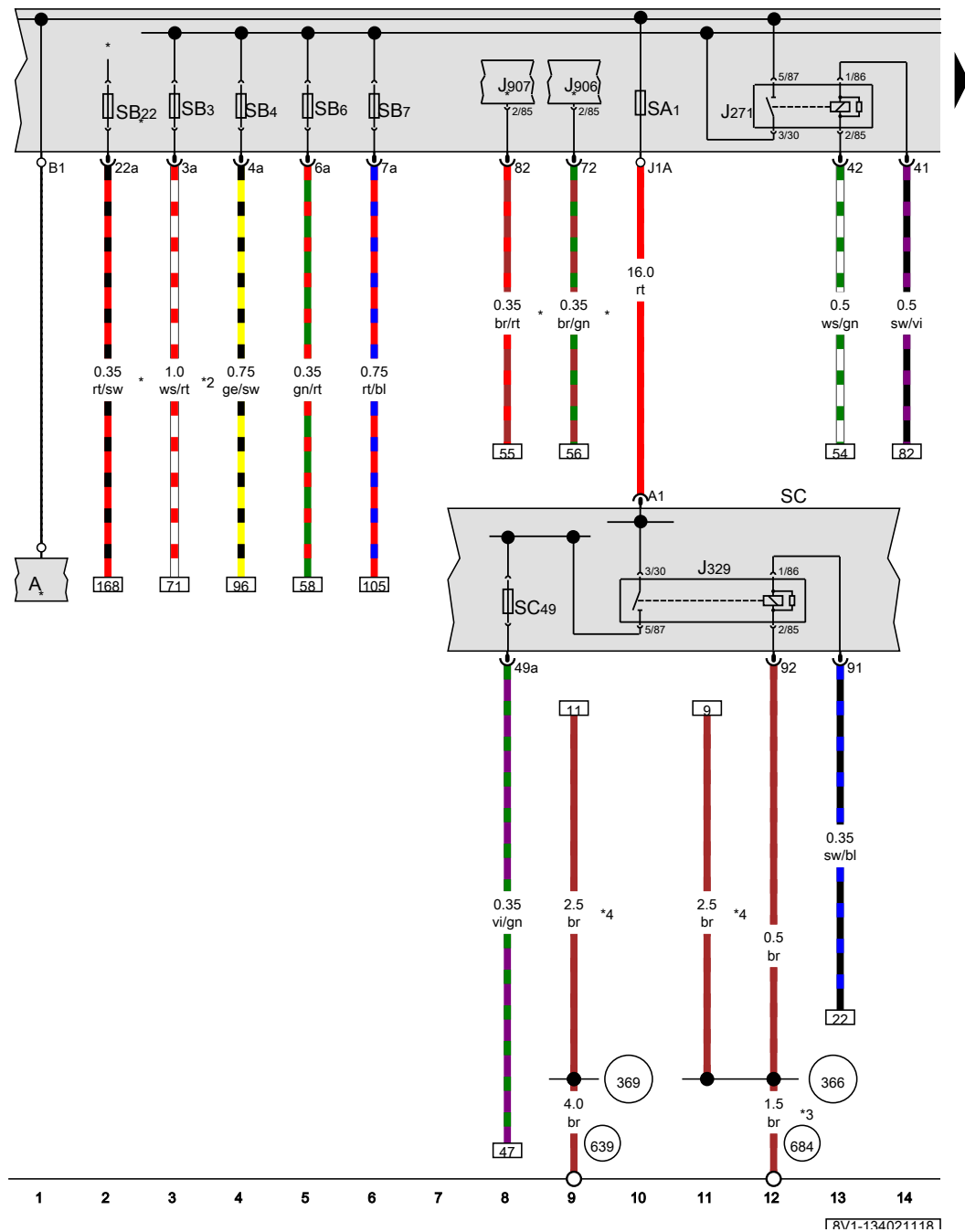
ws = white
 sw = black
 ro = red
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 bl = blue
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 or = orange
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AV7-133151118

1.2l petrol engine , CJZA,CYVB

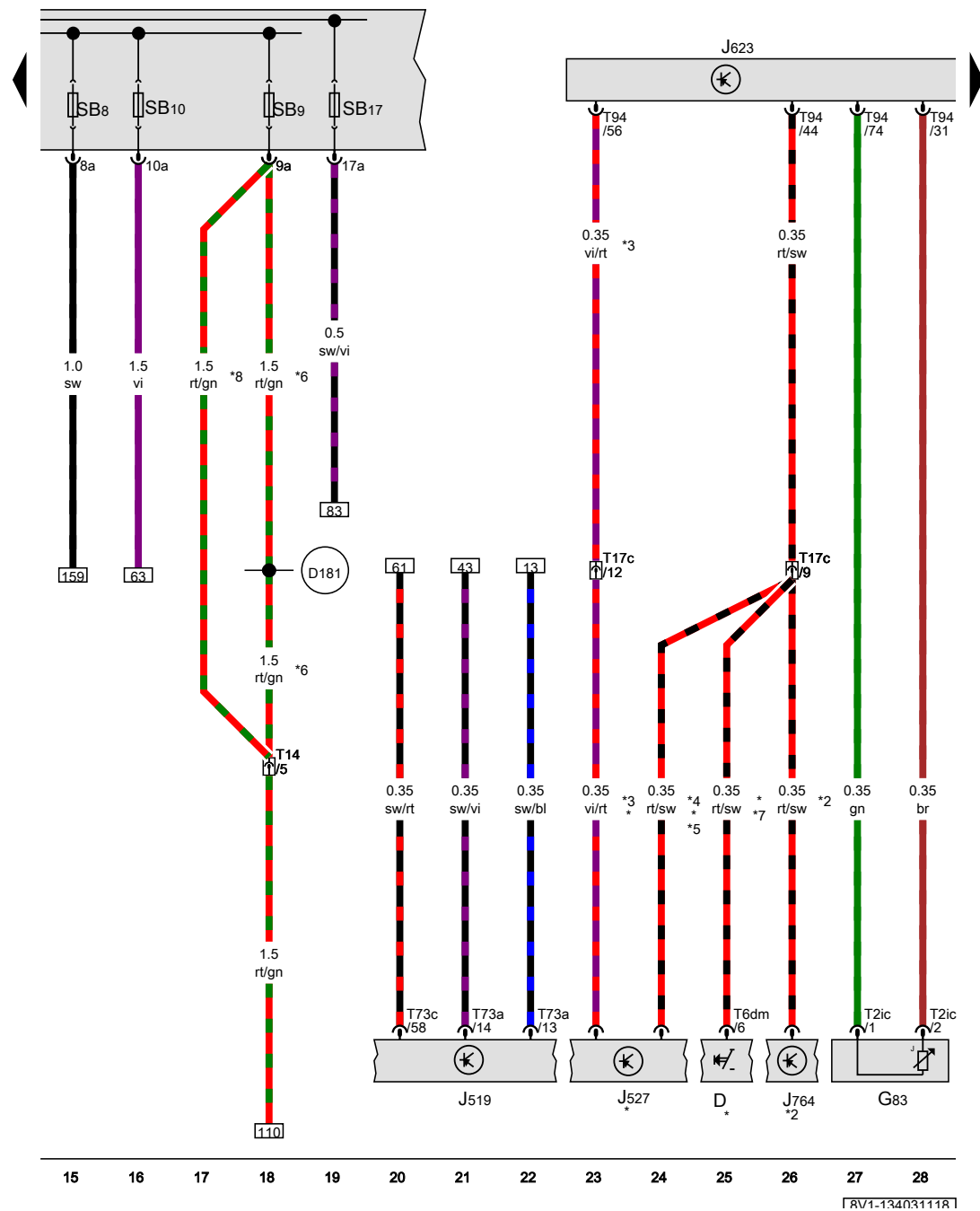
From October 2015

Main relay, Terminal 15 voltage supply relay, Fuse holder C



- A Battery
- J271 Main relay
- J329 Terminal 15 voltage supply relay
- J906 Starter relay 1
- J907 Starter relay 2
- SA1 Fuse 1 on fuse holder A
- SB3 Fuse 3 on fuse holder B
- SB4 Fuse 4 on fuse holder B
- SB6 Fuse 6 on fuse holder B
- SB7 Fuse 7 on fuse holder B
- SB22 Fuse 22 on fuse holder B
- SC Fuse holder C
- SC49 Fuse 49 on fuse holder C
- 366 Earth connection 1, in main wiring harness
- 369 Earth connection 4, in main wiring harness
- 639 Earth point, left A-pillar
- 684 Earth point on front of left side member
- * see applicable current flow diagram for battery in engine compartment
- *2 Wiring colour depends on equipment
- *3 For right-hand drive models
- *4 For left-hand drive models

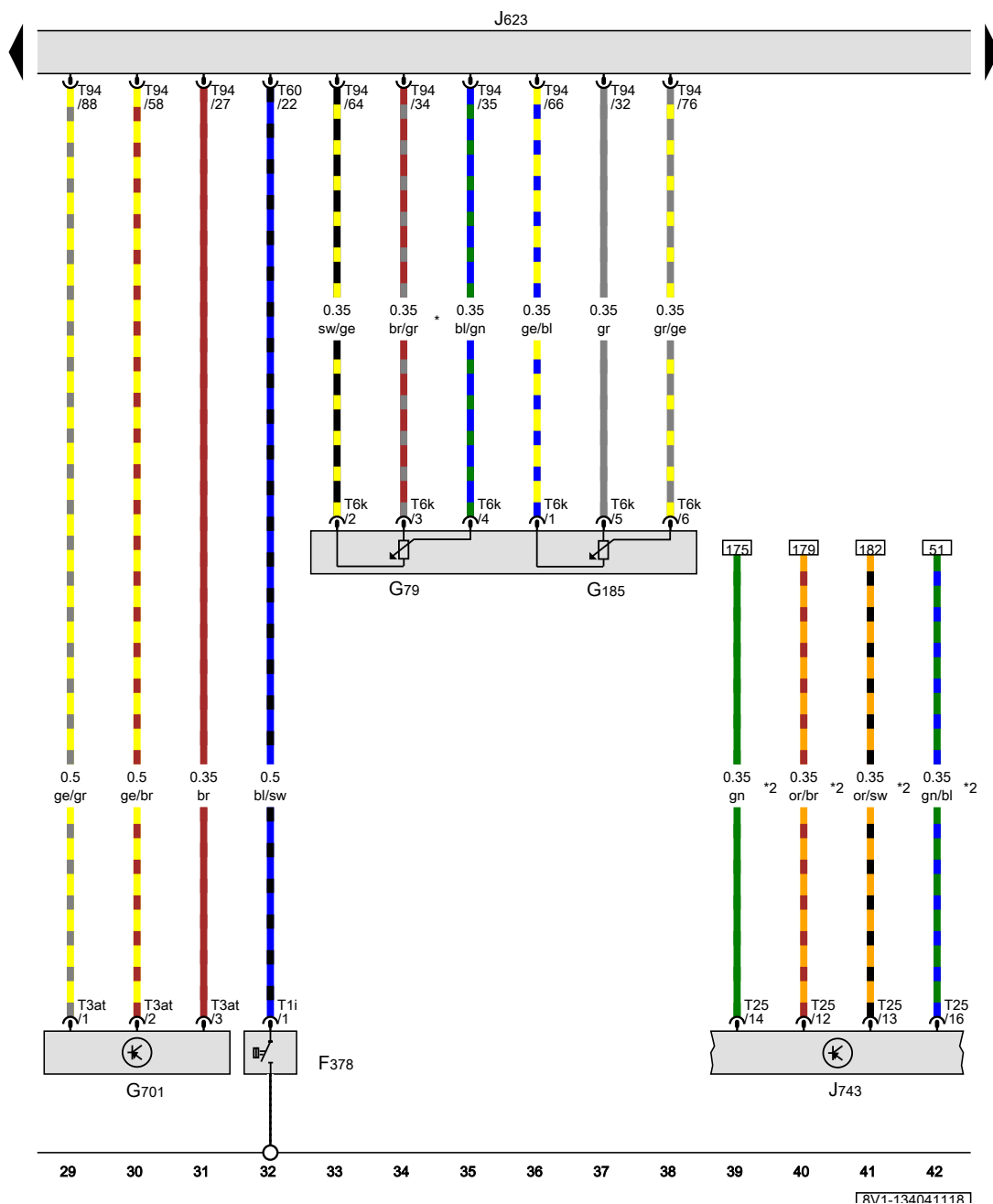
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 br = brown
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 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



Radiator outlet coolant temperature sender, Onboard supply control unit, Steering column electronics control unit, Engine/motor control unit

- D Ignition/starter switch
- G83 Radiator outlet coolant temperature sender
- J519 Onboard supply control unit
- J527 Steering column electronics control unit
- J623 Engine/motor control unit
- J764 Control unit for electronic steering column lock
- SB8 Fuse 8 on fuse holder B
- SB9 Fuse 9 on fuse holder B
- SB10 Fuse 10 on fuse holder B
- SB17 Fuse 17 on fuse holder B
- T2ic 2-pin connector, black
- T6dm 6-pin connector, black
- T14 14-pin connector, near front left longitudinal member, grey
- T17c 17-pin connector, on lower section of left A-pillar, red
- T73a 73-pin connector, black
- T73c 73-pin connector, black
- T94 94-pin connector, black
- D181 Connection 2 (87a), in engine compartment wiring harness

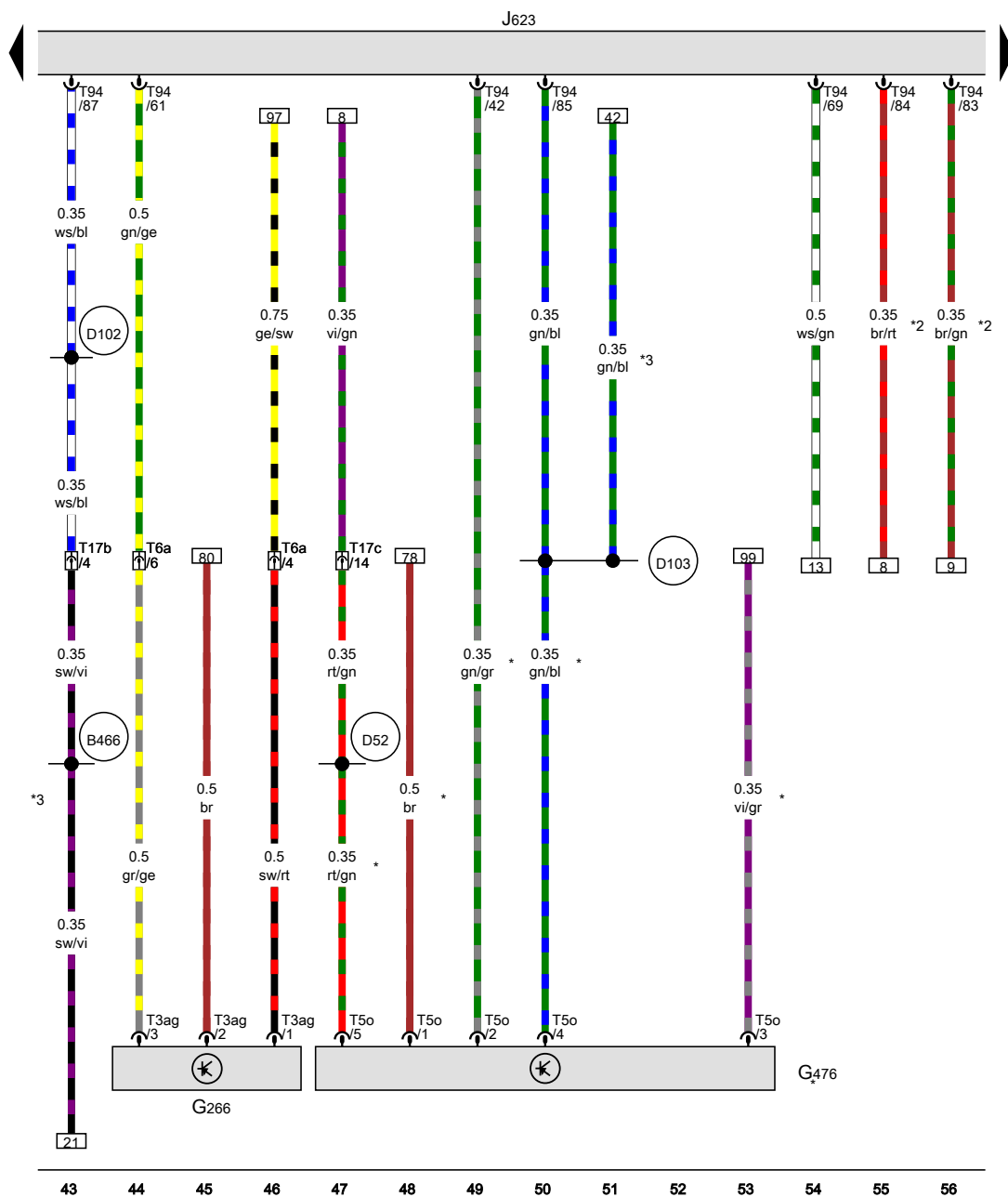
- * see applicable current flow diagram for steering column electronics
- *2 see applicable current flow diagram for entry and start authorisation
- *3 For models with cruise control system (CCS)
- *4 For models with no entry and start authorisation
- *5 Up to June 2018
- *6 Gradually discontinued
- *7 From July 2018
- *8 gradual introduction



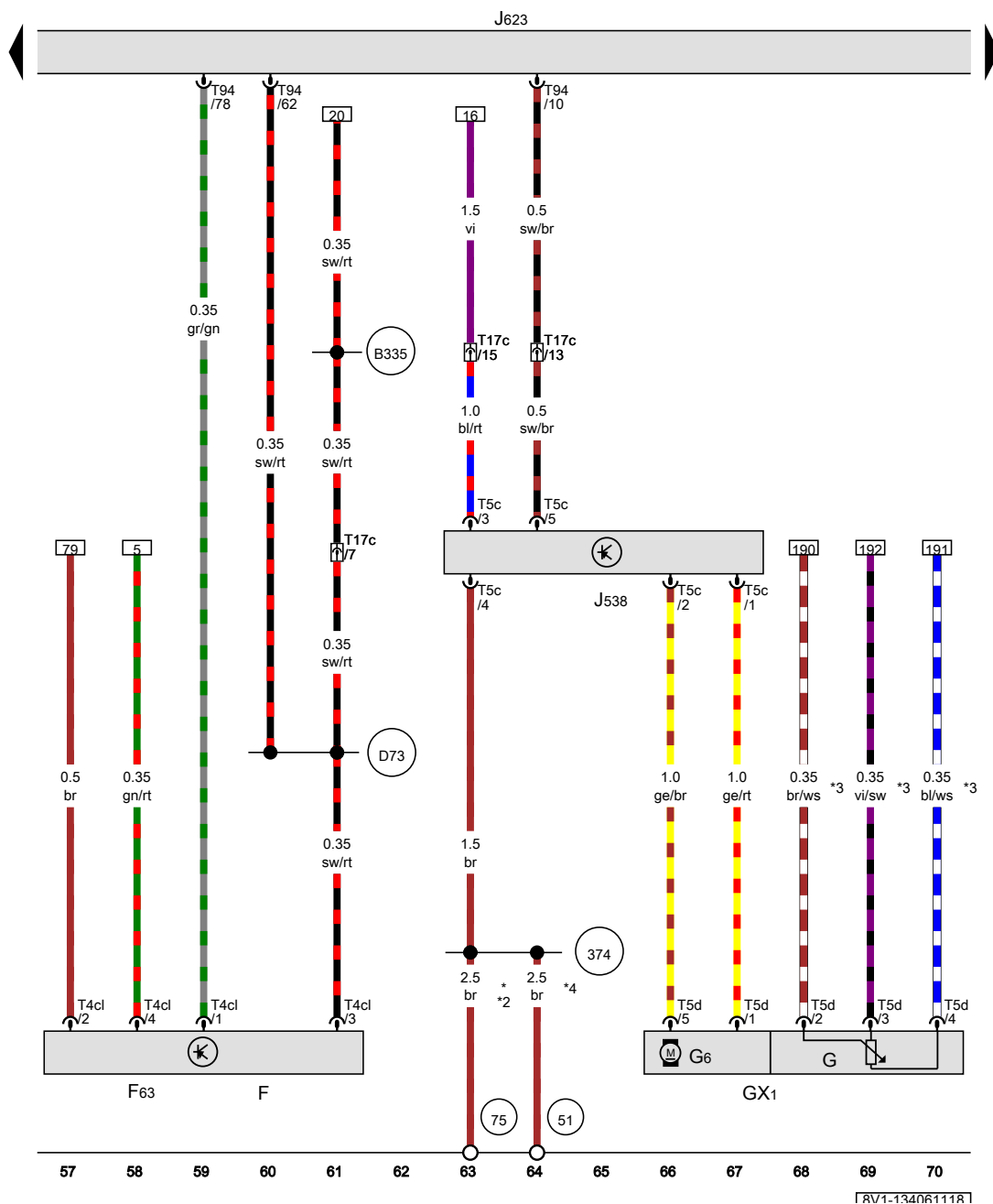
Oil pressure switch for reduced oil pressure, Accelerator position sender, Accelerator position sender 2, Gearbox neutral position sender, Engine/motor control unit, Mechatronic unit for dual clutch gearbox

- F378 Oil pressure switch for reduced oil pressure
- G79 Accelerator position sender
- G185 Accelerator position sender 2
- G701 Gearbox neutral position sender
- J623 Engine/motor control unit
- J743 Mechatronic unit for dual clutch gearbox
- T1i 1-pin connector, black
- T3at 3-pin connector, black
- T6k 6-pin connector, black
- T25 25-pin connector, black
- T60 60-pin connector, black
- T94 94-pin connector, black
- * Wiring colour depends on equipment
- *2 For models with dual clutch gearbox

Oil level and oil temperature sender, Clutch position sender, Engine/motor control unit



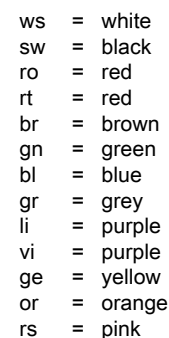
- G266 Oil level and oil temperature sender
- G476 Clutch position sender
- J623 Engine/motor control unit
- T3ag 3-pin connector, black
- T5o 5-pin connector, black
- T6a 6-pin connector, black
- T17b 17-pin connector, on lower section of left A-pillar, brown
- T17c 17-pin connector, on lower section of left A-pillar, red
- T94 94-pin connector, black
- B466 Connection 2, in main wiring harness
- D52 Positive connection (15a), in engine compartment wiring harness
- D102 Connection 2 in engine compartment wiring harness
- D103 Connection 3 in engine compartment wiring harness
- * For models with manual gearbox
- *2 see applicable current flow diagram for battery in engine compartment
- *3 For models with dual clutch gearbox



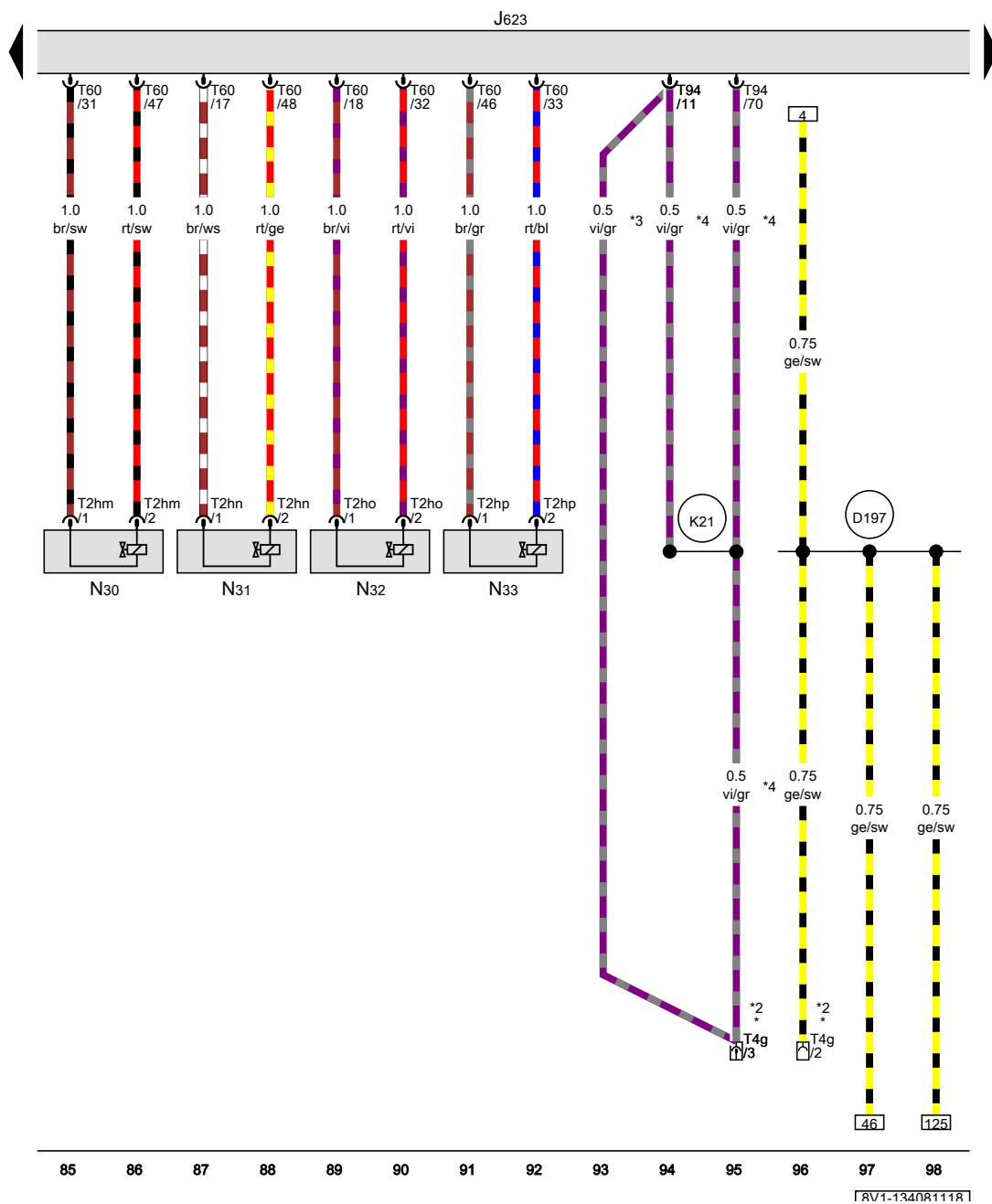
Brake light switch, Brake pedal switch, Fuel gauge sender, Fuel delivery unit, Fuel system pressurisation pump, Engine/motor control unit

- F Brake light switch
- F63 Brake pedal switch
- G Fuel gauge sender
- GX1 Fuel delivery unit
- G6 Fuel system pressurisation pump
- J538 Fuel pump control unit
- J623 Engine/motor control unit
- T4cl 4-pin connector, black
- T5c 5-pin connector, black
- T5d 5-pin connector, black
- T17c 17-pin connector, on lower section of left A-pillar, red
- T94 94-pin connector, black
- 51 Earth point, on right in luggage compartment
- 75 Earth point, rear right pillar
- 374 Earth connection 9, in main wiring harness
- B335 Connection 1 (54), in main wiring harness
- D73 Positive connection (54), in engine compartment wiring harness
- * For models with 3 doors
- *2 For models with 5 doors
- *3 see applicable current flow diagram for fuel system
- *4 For models with 4 doors

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



J623	Engine/motor control unit
T6a	6-pin connector, black
T94	94-pin connector, black
85	Earth connection 1, in engine compartment wiring harness
131	Earth connection 2, in engine compartment wiring harness
209	Earth connection 6, in engine compartment wiring harness
419	Earth connection 11, in engine compartment wiring harness
671	Earth point 1, on front of left longitudinal member
D78	Positive connection 1 (30a), in engine compartment wiring harness
D183	Connection 4 (87a), in engine compartment wiring harness
*	Wiring colour depends on equipment
*2	For models with manual gearbox
*3	gradual introduction



Engine/motor control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

- J623 Engine/motor control unit
- N30 Injector, cylinder 1
- N31 Injector, cylinder 2
- N32 Injector, cylinder 3
- N33 Injector, cylinder 4
- T2hm 2-pin connector, black
- T2hn 2-pin connector, black
- T2ho 2-pin connector, black
- T2hp 2-pin connector, black
- T4g 4-pin connector, black
- T60 60-pin connector, black
- T94 94-pin connector, black

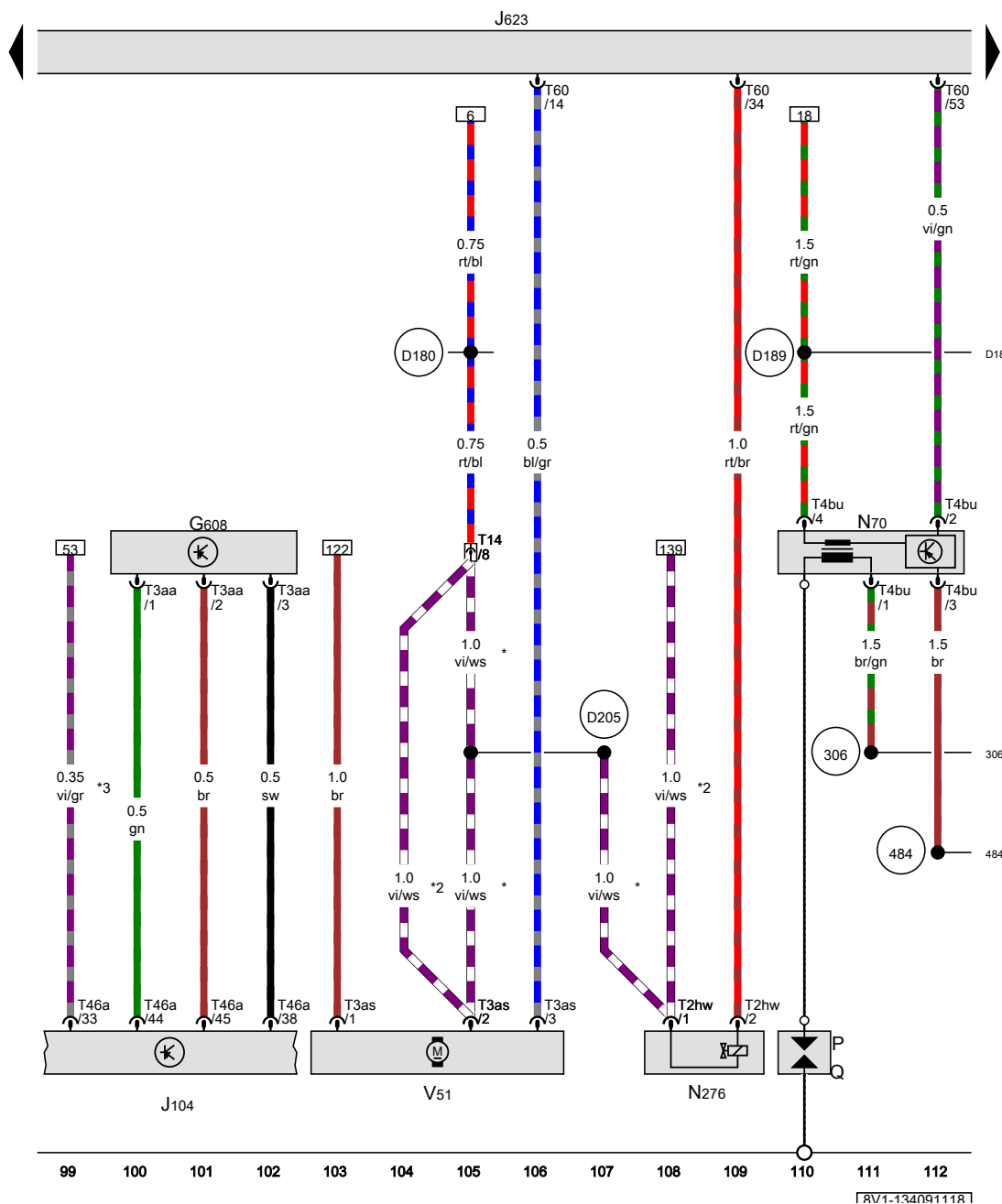
D197 Connection 5 (87a), in engine compartment wiring harness

K21 Connection 1, in radiator fan wiring harness

- * Radiator fan connection
- *2 see applicable current flow diagram for radiator fan
- *3 Gradually discontinued
- *4 gradual introduction

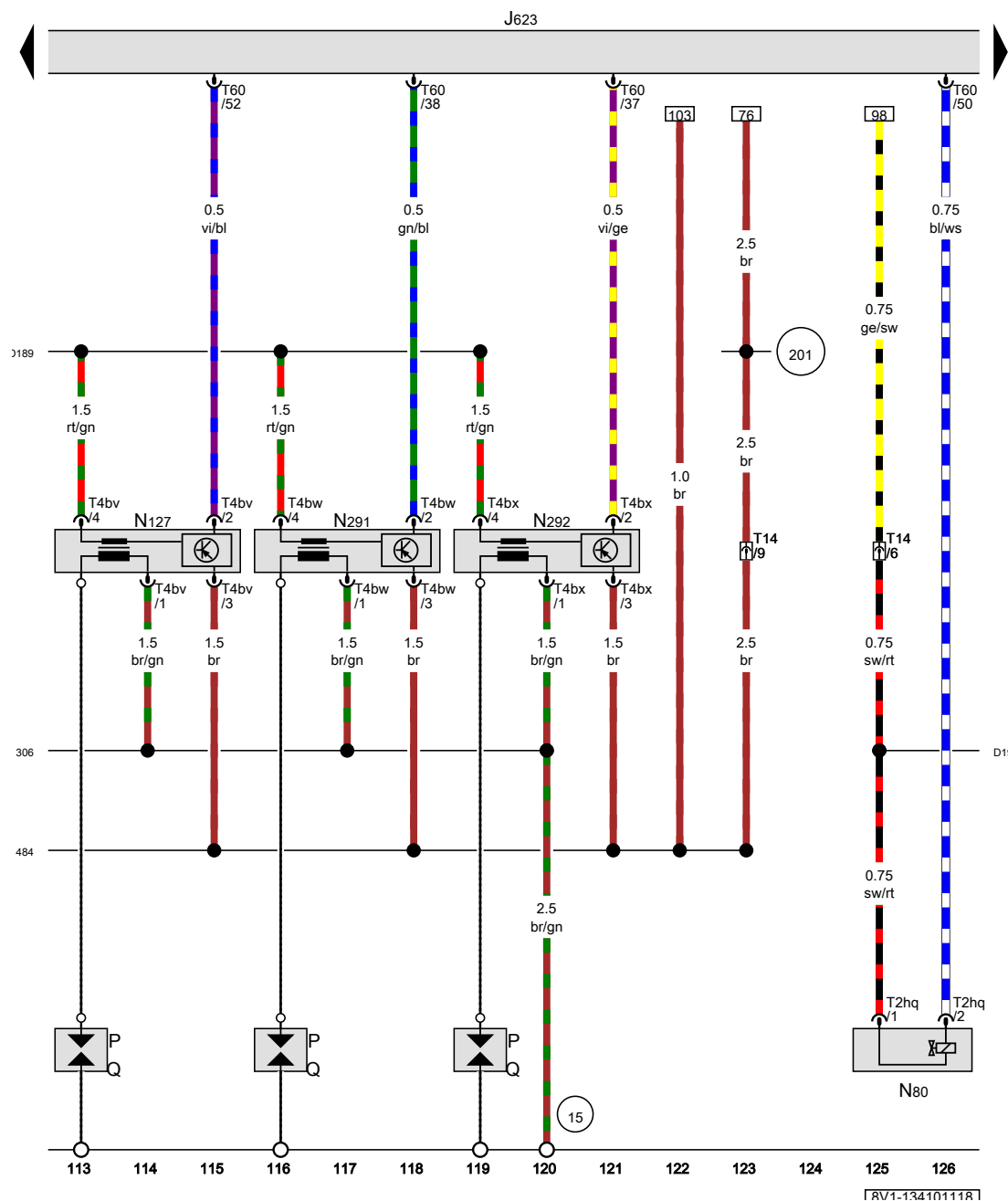
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- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Vacuum sender, Engine/motor control unit, Ignition coil 1 with output stage, Fuel pressure regulating valve, Continued coolant circulation pump



- G608 Vacuum sender
- J104 ABS control unit
- J623 Engine/motor control unit
- N70 Ignition coil 1 with output stage
- N276 Fuel pressure regulating valve
- P Spark plug connector
- Q Spark plugs
- T2hw 2-pin connector, black
- T3aa 3-pin connector, black
- T3as 3-pin connector, black
- T4bu 4-pin connector, black
- T14 14-pin connector, near front left longitudinal member, grey
- T46a 46-pin connector, black
- T60 60-pin connector, black
- V51 Continued coolant circulation pump
- 306 Earth connection (ignition coils), in engine prewiring harness
- 484 Earth connection 2 (ignition coils), in engine prewiring harness
- D180 Connection (87a), in engine compartment wiring harness
- D189 Connection (87a) in engine prewiring harness
- D205 Connection 3 (87a) in engine prewiring harness
- * Gradually discontinued
- *2 gradual introduction
- *3 For models with manual gearbox

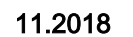
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 rs = pink

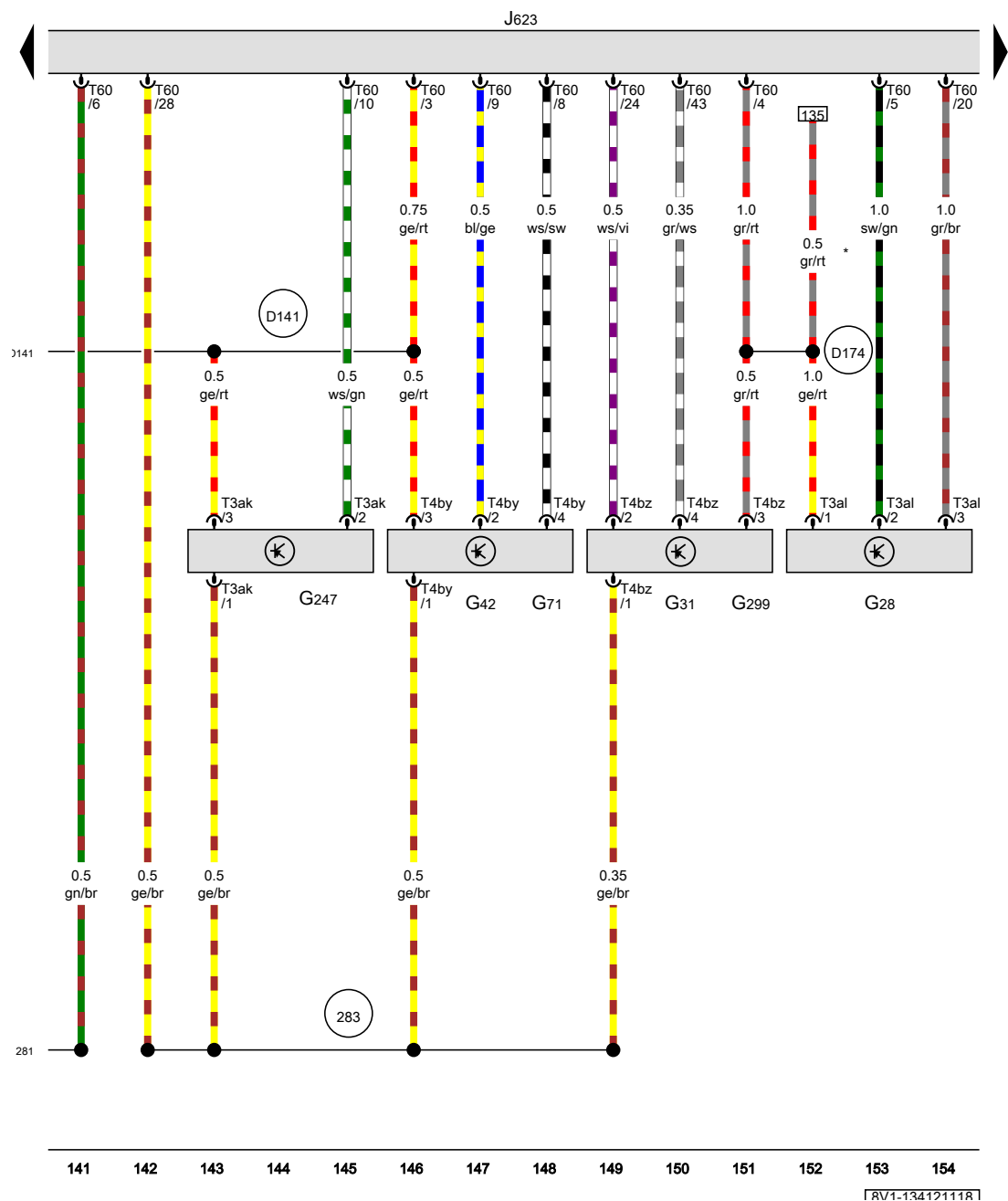


Engine/motor control unit, Activated charcoal filter solenoid valve 1, Ignition coil 2 with output stage, Ignition coil 3 with output stage, Ignition coil 4 with output stage

- J623 Engine/motor control unit
- N80 Activated charcoal filter solenoid valve 1
- N127 Ignition coil 2 with output stage
- N291 Ignition coil 3 with output stage
- N292 Ignition coil 4 with output stage
- P Spark plug connector
- Q Spark plugs
- T2hq 2-pin connector, black
- T4bv 4-pin connector, black
- T4bw 4-pin connector, black
- T4bx 4-pin connector, black
- T14 14-pin connector, near front left longitudinal member, grey
- T60 60-pin connector, black
- 15 Earth point, on cylinder head
- 201 Earth connection 5, in engine compartment wiring harness
- 306 Earth connection (ignition coils), in engine prewiring harness
- 484 Earth connection 2 (ignition coils), in engine prewiring harness
- D189 Connection (87a) in engine prewiring harness
- D196 Connection 2 (87a) in engine prewiring harness

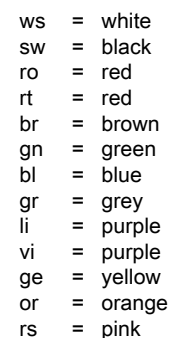
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 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink





Engine speed sender, Charge pressure sender, Intake air temperature sender, Intake manifold pressure sender, Fuel pressure sender, Intake air temperature sender 2, Engine/motor control unit

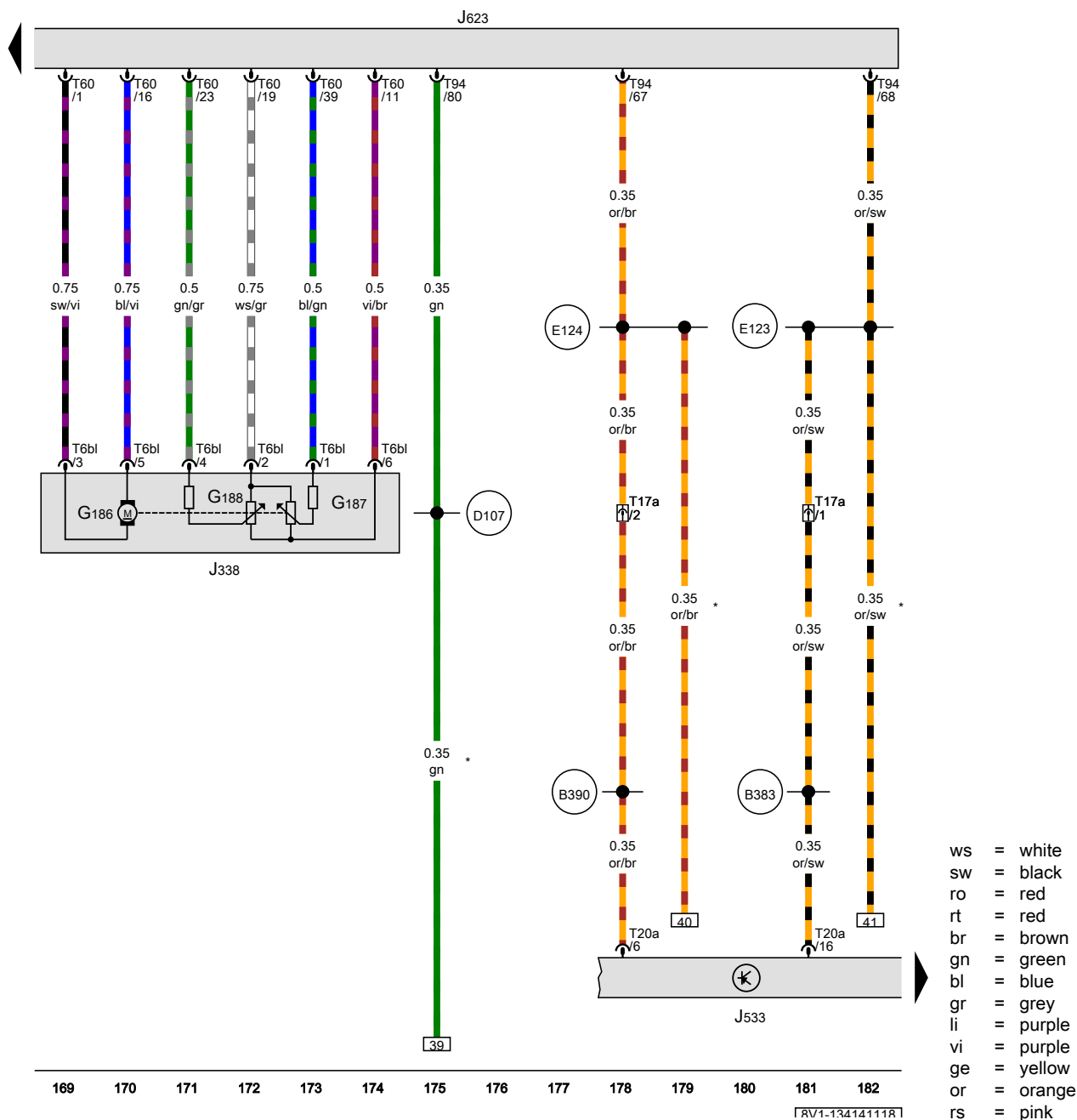
- G28 Engine speed sender
- G31 Charge pressure sender
- G42 Intake air temperature sender
- G71 Intake manifold pressure sender
- G247 Fuel pressure sender
- G299 Intake air temperature sender 2
- J623 Engine/motor control unit
- T3ak 3-pin connector, black
- T3al 3-pin connector, black
- T4by 4-pin connector, black
- T4bz 4-pin connector, black
- T60 60-pin connector, black
- 281 Earth point 1, engine prewiring harness
- 283 Earth point 2, engine prewiring harness
- D141 Connection (5V) in engine prewiring harness
- D174 Connection 2 (5V) in engine prewiring harness
- * gradual introduction

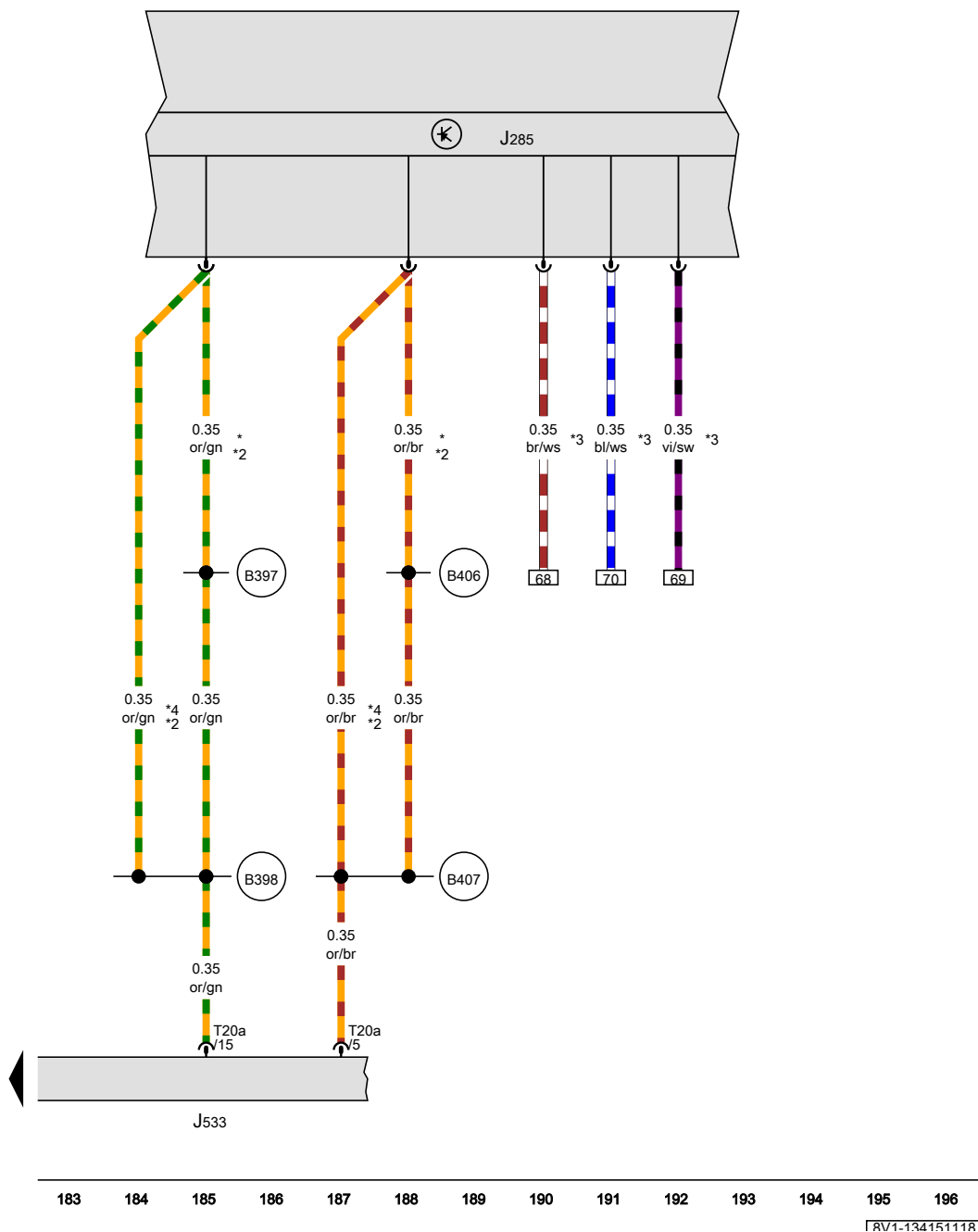


G39	Lambda probe
G61	Knock sensor 1
G130	Lambda probe after catalytic converter
J623	Engine/motor control unit
T2if	2-pin connector, black
T4c	4-pin connector, brown
T4d	4-pin connector, black
T60	60-pin connector, black
T94	94-pin connector, black
Z19	Lambda probe heater
Z29	Lambda probe 1 heater after catalytic converter
D182	Connection 3 (87a), in engine compartment wiring harness
*	Pre-wired component
*2	see applicable current flow diagram for battery in engine compartment
*3	Gradually discontinued
*4	gradual introduction

Throttle valve module, Data bus diagnostic interface, Engine/motor control unit

- G186 Throttle valve drive for electric throttle
- G187 Throttle valve drive angle sender 1 for electric throttle
- G188 Throttle valve drive angle sender 2 for electric throttle
- J338 Throttle valve module
- J533 Data bus diagnostic interface
- J623 Engine/motor control unit
- T6bl 6-pin connector, black
- T17a 17-pin connector, on lower section of left A-pillar, black
- T20a 20-pin connector, red
- T60 60-pin connector, black
- T94 94-pin connector, black
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- D107 Connection 5 in engine compartment wiring harness
- E123 Connection 1 (powertrain CAN bus, high), in engine wiring harness
- E124 Connection 1 (powertrain CAN bus, low), in engine wiring harness
- * For models with dual clutch gearbox





Control unit in dash panel insert, Data bus diagnostic interface

J285 Control unit in dash panel insert

J533 Data bus diagnostic interface

T20a 20-pin connector, red

B397 Connection 1 (convenience CAN bus, high), in main wiring harness

B398 Connection 2 (convenience CAN bus, high), in main wiring harness

B406 Connection 1 (convenience CAN bus, low), in main wiring harness

B407 Connection 2 (convenience CAN bus, low), in main wiring harness

* For left-hand drive models

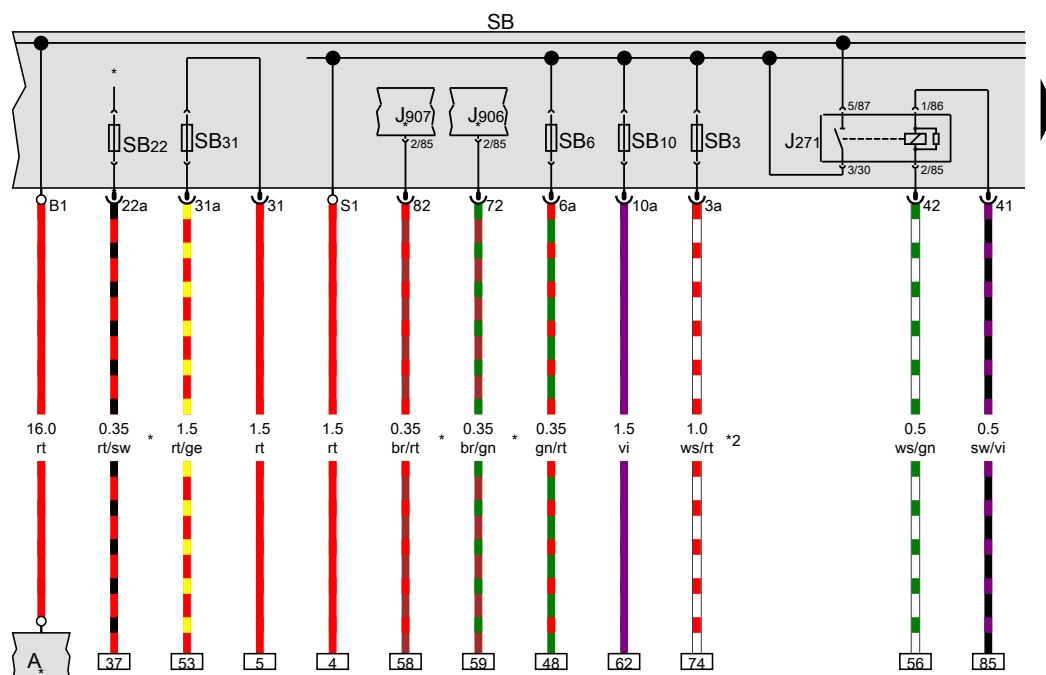
*2 see applicable current flow diagram for dash panel insert

*3 see applicable current flow diagram for fuel system

*4 For right-hand drive models

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gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

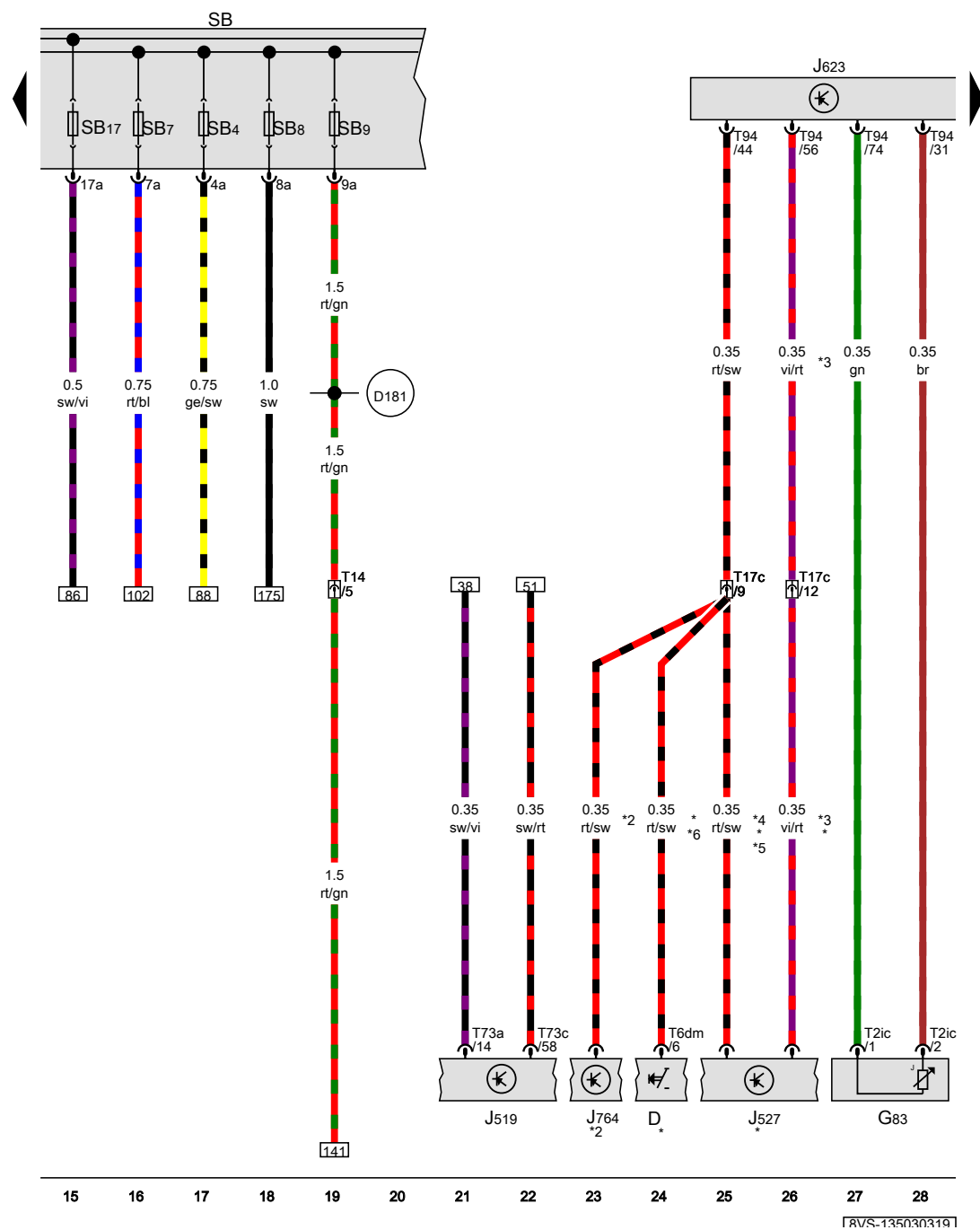
1.4l petrol engine , CWLA
From October 2015



Main relay, Fuse holder B

- A Battery
- J271 Main relay
- J906 Starter relay 1
- J907 Starter relay 2
- SB Fuse holder B
- SB3 Fuse 3 on fuse holder B
- SB6 Fuse 6 on fuse holder B
- SB10 Fuse 10 on fuse holder B
- SB22 Fuse 22 on fuse holder B
- SB31 Fuse 31 on fuse holder B
- * see applicable current flow diagram for battery in engine compartment
- *2 Wiring colour depends on equipment

ws = white
 sw = black
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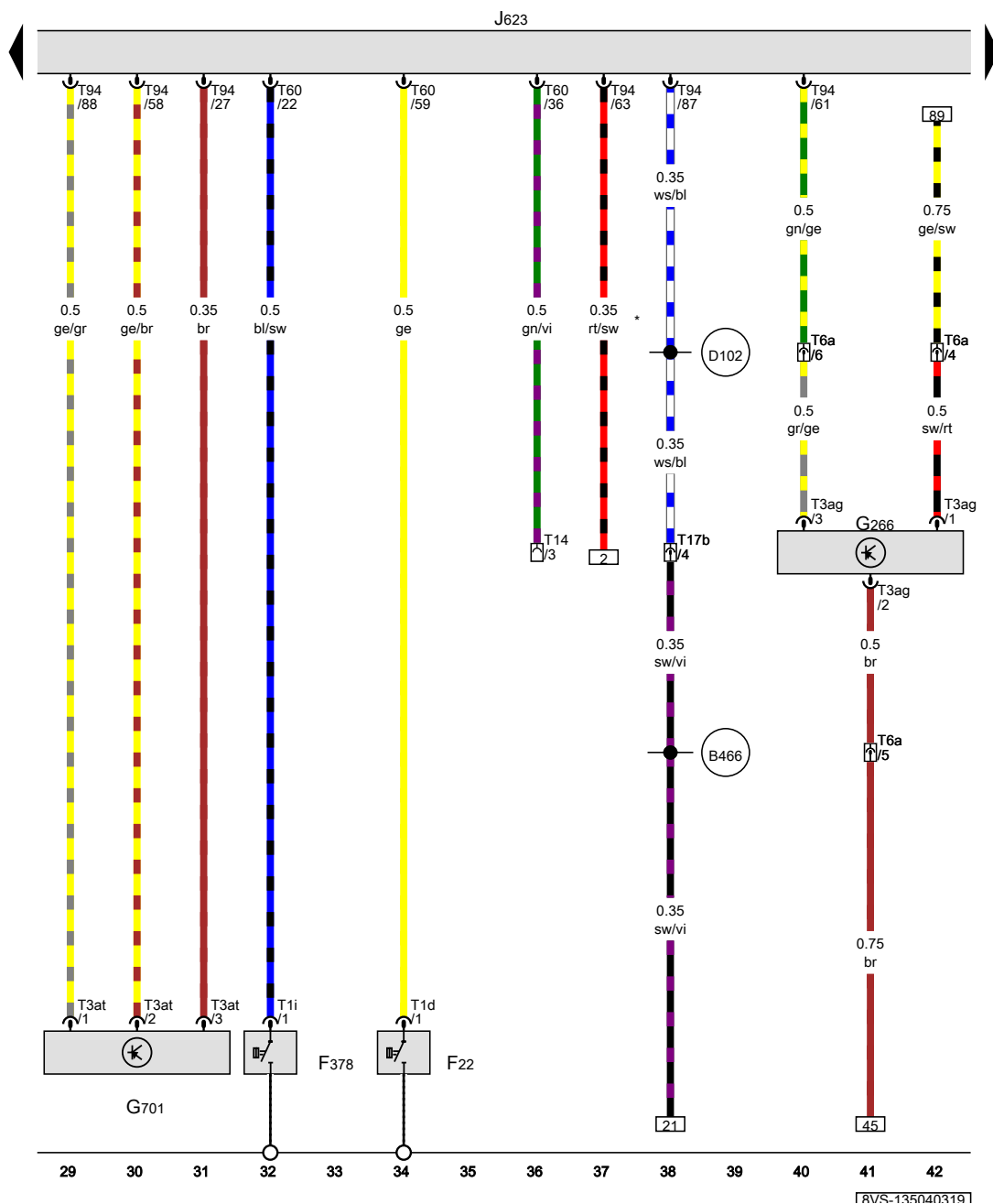


Radiator outlet coolant temperature sender, Onboard supply control unit, Steering column electronics control unit, Engine/motor control unit, Fuse holder B

- D Ignition/starter switch
- G83 Radiator outlet coolant temperature sender
- J519 Onboard supply control unit
- J527 Steering column electronics control unit
- J623 Engine/motor control unit
- J764 Control unit for electronic steering column lock
- SB Fuse holder B
- SB4 Fuse 4 on fuse holder B
- SB7 Fuse 7 on fuse holder B
- SB8 Fuse 8 on fuse holder B
- SB9 Fuse 9 on fuse holder B
- SB17 Fuse 17 on fuse holder B
- T2ic 2-pin connector, black
- T6dm 6-pin connector, black
- T14 14-pin connector, near front left longitudinal member, grey
- T17c 17-pin connector, on lower section of left A-pillar
- T73a 73-pin connector, black
- T73c 73-pin connector, black
- T94 94-pin connector, black

D181 Connection 2 (87a), in engine compartment wiring harness

- * see applicable current flow diagram for steering column electronics
- *2 see applicable current flow diagram for entry and start authorisation
- *3 For models with cruise control system (CCS)
- *4 For models with no entry and start authorisation
- *5 Up to June 2018
- *6 From July 2018



Oil pressure switch, Oil pressure switch for reduced oil pressure, Oil level and oil temperature sender, Gearbox neutral position sender, Engine/motor control unit

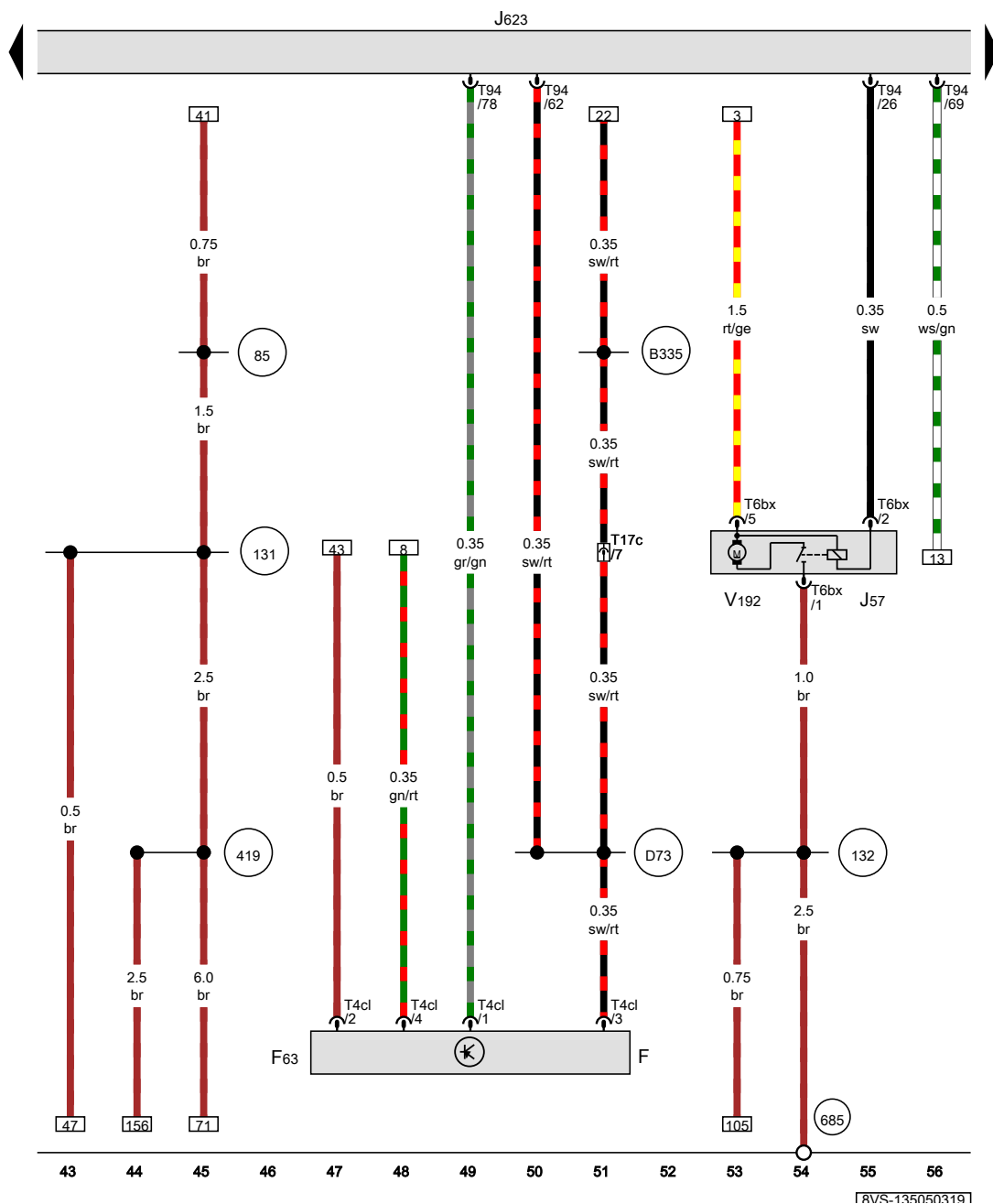
- F22 Oil pressure switch
- F378 Oil pressure switch for reduced oil pressure
- G266 Oil level and oil temperature sender
- G701 Gearbox neutral position sender
- J623 Engine/motor control unit
- T1d 1-pin connector, black
- T1i 1-pin connector, black
- T3ag 3-pin connector, black
- T3at 3-pin connector, black
- T6a 6-pin connector
- T14 14-pin connector, near front left longitudinal member, grey
- T17b 17-pin connector, on lower section of left A-pillar, brown
- T60 60-pin connector, black
- T94 94-pin connector, black

B466 Connection 2, in main wiring harness

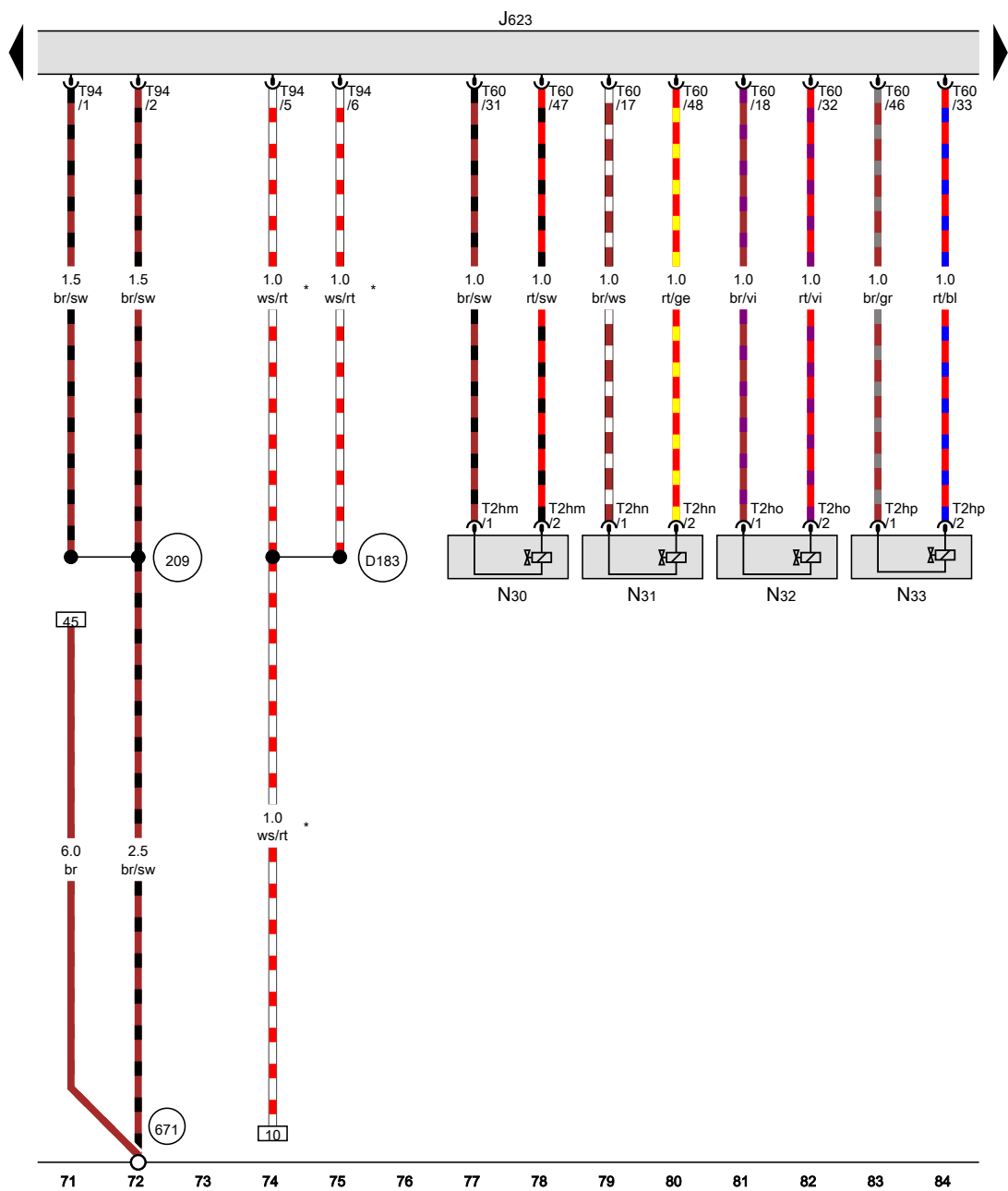
D102 Connection 2 in engine compartment wiring harness

* see applicable current flow diagram for battery in engine compartment

Brake light switch, Brake pedal switch, Engine/motor control unit



- F Brake light switch
- F63 Brake pedal switch
- J57 Vacuum pump relay
- J623 Engine/motor control unit
- T4cl 4-pin connector, black
- T6bx 6-pin connector, black
- T17c 17-pin connector, on lower section of left A-pillar, red
- T94 94-pin connector, black
- V192 Vacuum pump for brakes
- 85 Earth connection 1, in engine compartment wiring harness
- 131 Earth connection 2, in engine compartment wiring harness
- 132 Earth connection 3, in engine compartment wiring harness
- 419 Earth connection 11, in engine compartment wiring harness
- 685 Earth point 1, on front of right longitudinal member
- B335 Connection 1 (54), in main wiring harness
- D73 Positive connection (54), in engine compartment wiring harness



Engine/motor control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

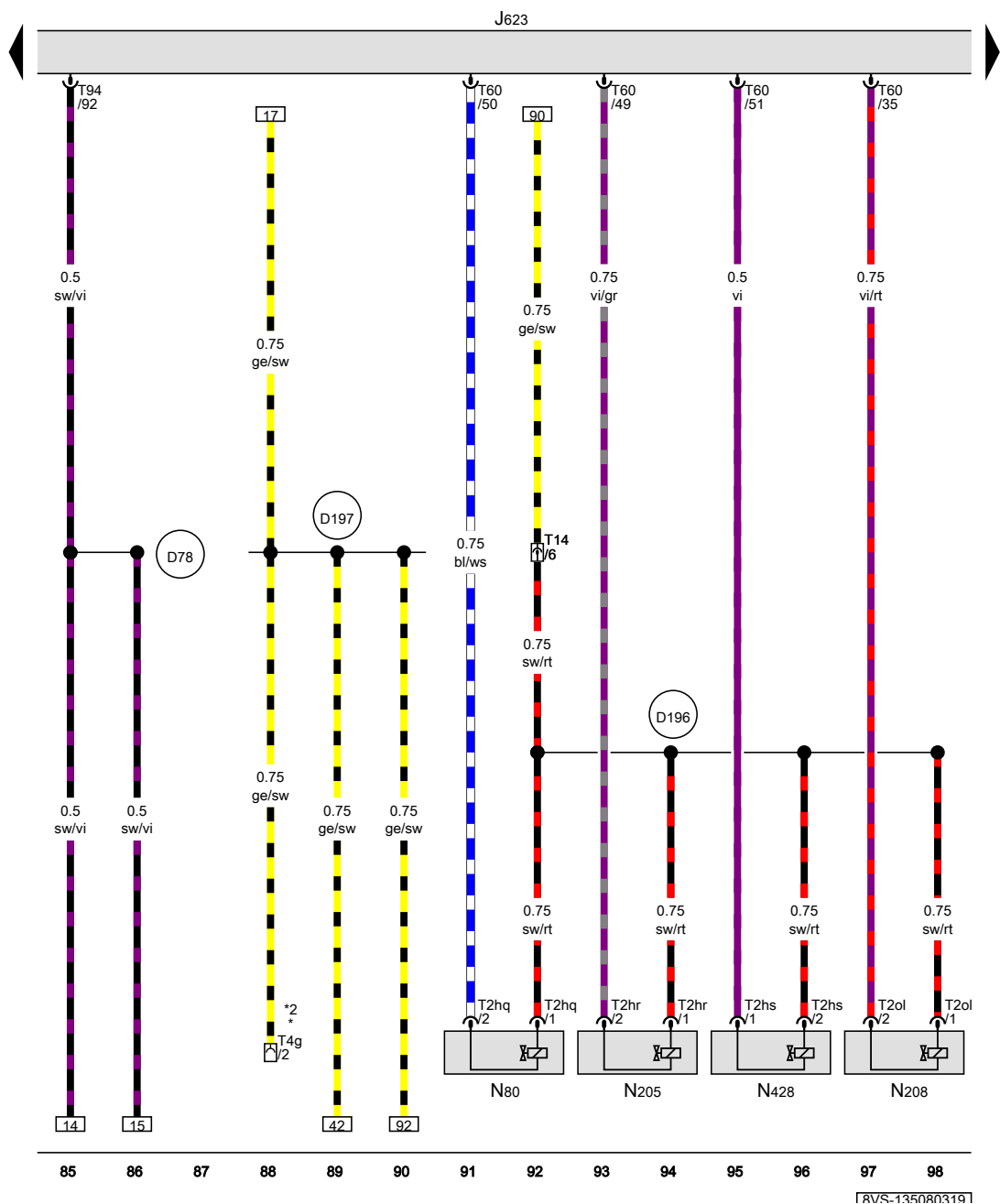
- J623 Engine/motor control unit
- N30 Injector, cylinder 1
- N31 Injector, cylinder 2
- N32 Injector, cylinder 3
- N33 Injector, cylinder 4
- T2hm 2-pin connector, black
- T2hn 2-pin connector, black
- T2ho 2-pin connector, black
- T2hp 2-pin connector, black
- T60 60-pin connector, black
- T94 94-pin connector, black

209 Earth connection 6, in engine compartment wiring harness

671 Earth point 1, on front of left longitudinal member

D183 Connection 4 (87a), in engine compartment wiring harness

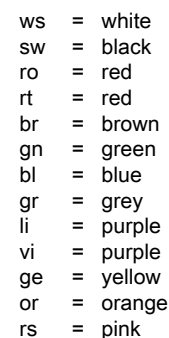
* Wiring colour depends on equipment



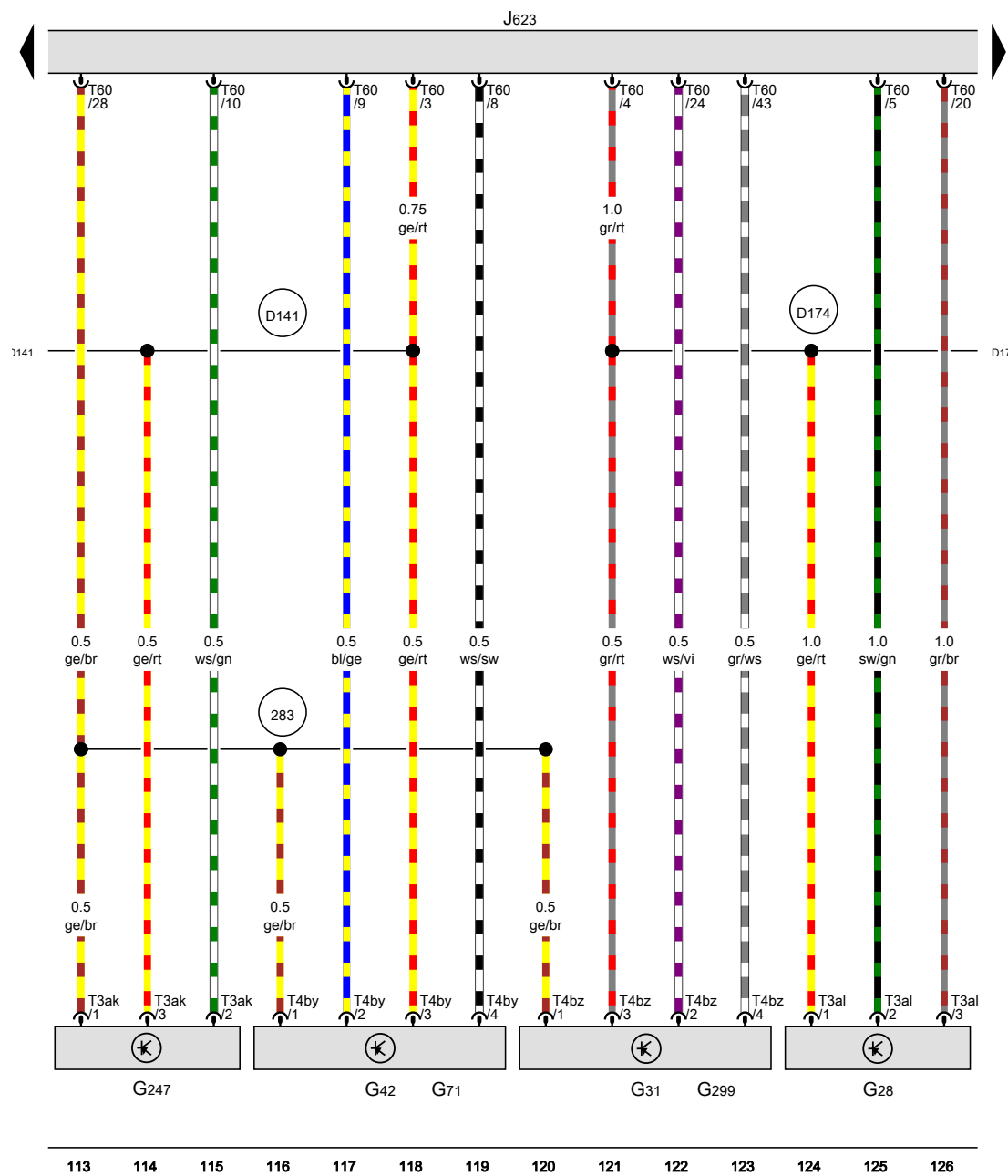
Engine/motor control unit, Activated charcoal filter solenoid valve 1, Camshaft control valve 1, Camshaft control valve 2, Valve for oil pressure control

- J623 Engine/motor control unit
- N80 Activated charcoal filter solenoid valve 1
- N205 Camshaft control valve 1
- N208 Camshaft control valve 2
- N428 Valve for oil pressure control
- T2hq 2-pin connector, black
- T2hr 2-pin connector, black
- T2hs 2-pin connector, black
- T2ol 2-pin connector, black
- T4g 4-pin connector, black
- T14 14-pin connector, near front left longitudinal member
- T60 60-pin connector, black
- T94 94-pin connector, black
- D78 Positive connection 1 (30a), in engine compartment wiring harness
- D196 Connection 2 (87a) in engine prewiring harness
- D197 Connection 5 (87a), in engine compartment wiring harness
- * Radiator fan connection
- *2 see applicable current flow diagram for radiator fan

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



G40	Hall sender
G163	Hall sender 2
G446	Fuel quality sender
J623	Engine/motor control unit
N276	Fuel pressure regulating valve
T2hw	2-pin connector, black
T3an	3-pin connector, black
T3ao	3-pin connector, black
T3as	3-pin connector, black
T3cw	3-pin connector, black
T14	14-pin connector, near front left longitudinal member, grey
T60	60-pin connector, black
T94	94-pin connector, black
V51	Continued coolant circulation pump
281	Earth point 1, engine prewiring harness
D141	Connection (5V) in engine prewiring harness
D180	Connection (87a), in engine compartment wiring harness



Engine speed sender, Charge pressure sender, Intake air temperature sender, Intake manifold pressure sender, Fuel pressure sender, Intake air temperature sender 2, Engine/motor control unit

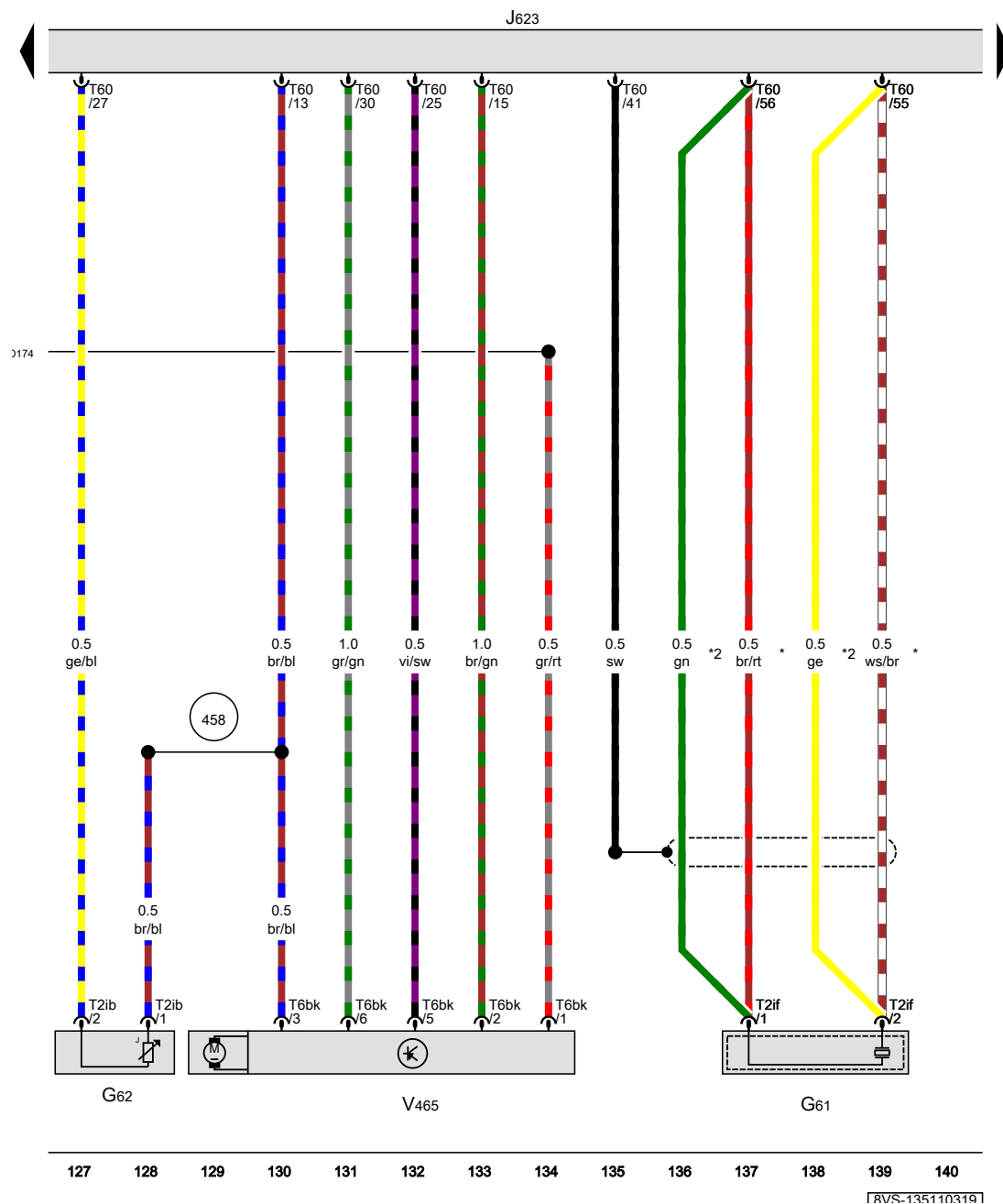
- G28 Engine speed sender
- G31 Charge pressure sender
- G42 Intake air temperature sender
- G71 Intake manifold pressure sender
- G247 Fuel pressure sender
- G299 Intake air temperature sender 2
- J623 Engine/motor control unit
- T3ak 3-pin connector, black
- T3al 3-pin connector, black
- T4by 4-pin connector, black
- T4bz 4-pin connector, black
- T60 60-pin connector, black

283 Earth point 2, engine prewiring harness

D141 Connection (5V) in engine prewiring harness

D174 Connection 2 (5V) in engine prewiring harness

Knock sensor 1, Coolant temperature sender, Engine/motor control unit, Charge pressure positioner



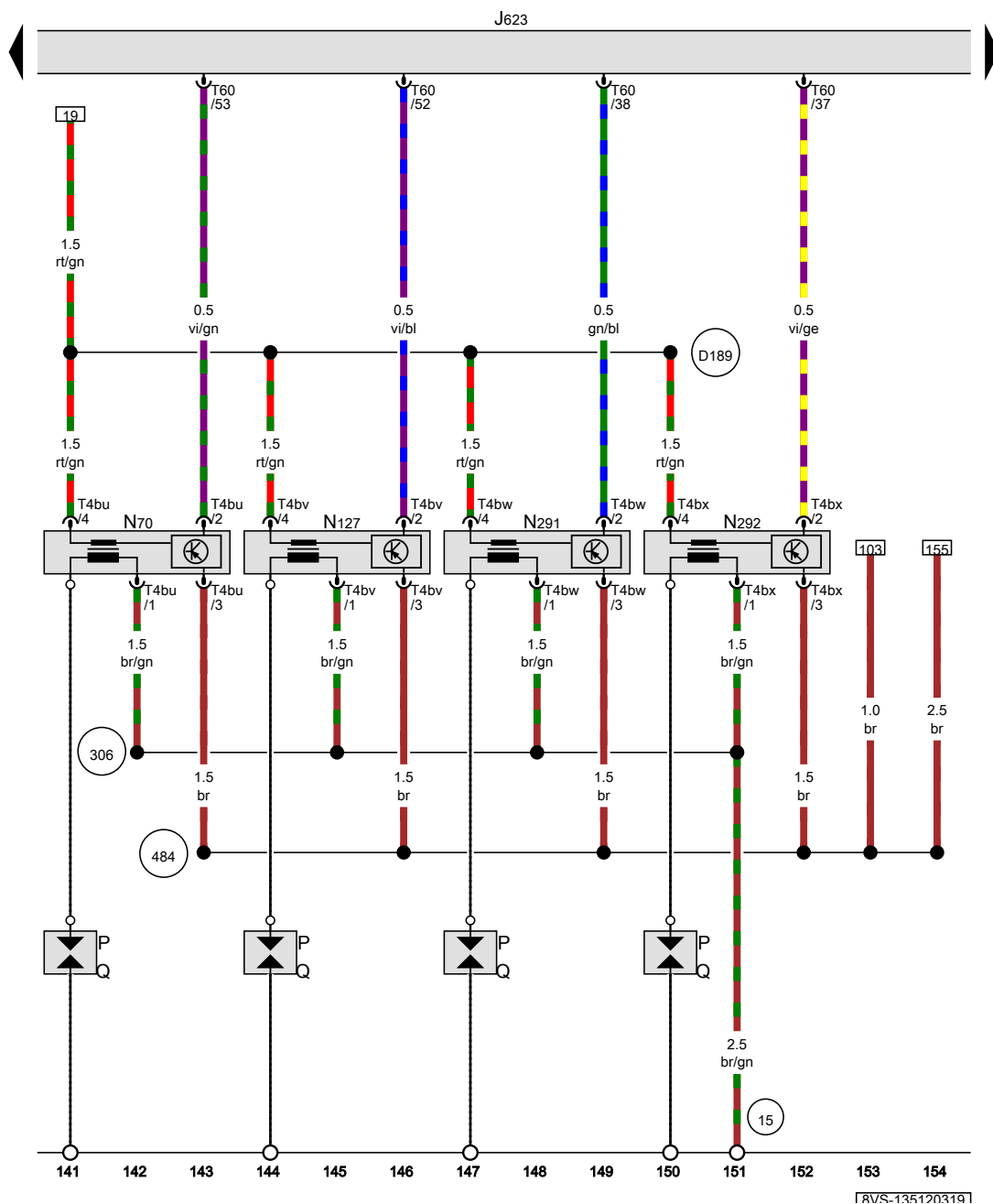
- G61 Knock sensor 1
- G62 Coolant temperature sender
- J623 Engine/motor control unit
- T2ib 2-pin connector, black
- T2if 2-pin connector, black
- T6bk 6-pin connector, black
- T60 60-pin connector, black
- V465 Charge pressure positioner

458 Earth point 3, engine prewiring harness

D174 Connection 2 (5V) in engine prewiring harness

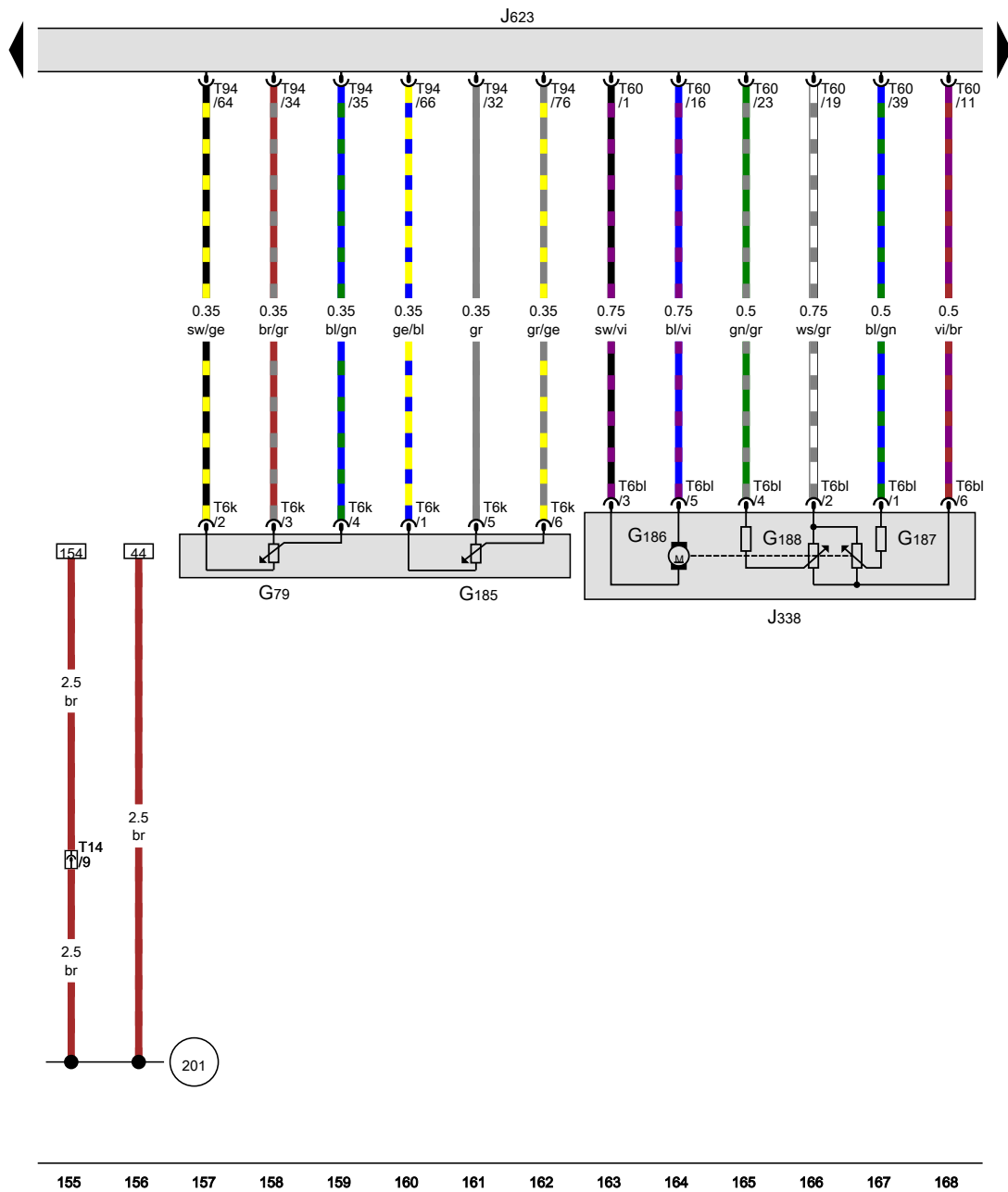
* Gradually discontinued
*2 gradual introduction

ws = white
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rt = red
br = brown
gn = green
bl = blue
gr = grey
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vi = purple
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or = orange
rs = pink



Engine/motor control unit, Ignition coil 1 with output stage, Ignition coil 2 with output stage, Ignition coil 3 with output stage, Ignition coil 4 with output stage

- J623 Engine/motor control unit
- N70 Ignition coil 1 with output stage
- N127 Ignition coil 2 with output stage
- N291 Ignition coil 3 with output stage
- N292 Ignition coil 4 with output stage
- P Spark plug connector
- Q Spark plugs
- T4bu 4-pin connector, black
- T4bv 4-pin connector, black
- T4bw 4-pin connector, black
- T4bx 4-pin connector, black
- T60 60-pin connector, black
- 15 Earth point, on cylinder head
- 306 Earth connection (ignition coils), in engine prewiring harness
- 484 Earth connection 2 (ignition coils), in engine prewiring harness
- D189 Connection (87a) in engine prewiring harness

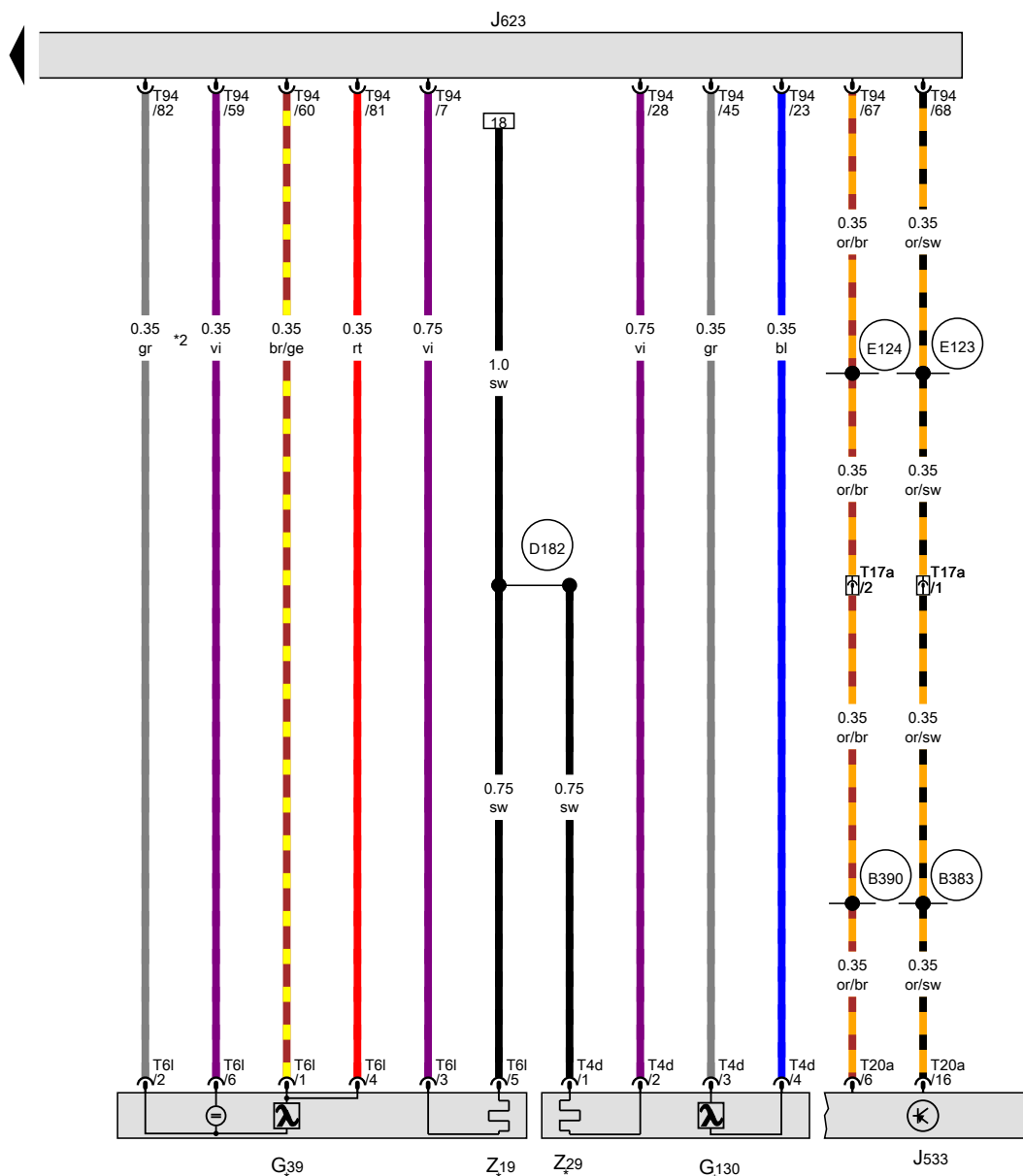


Accelerator position sender, Accelerator position sender 2, Throttle valve module, Engine/motor control unit

- G79 Accelerator position sender
- G185 Accelerator position sender 2
- G186 Throttle valve drive for electric throttle
- G187 Throttle valve drive angle sender 1 for electric throttle
- G188 Throttle valve drive angle sender 2 for electric throttle
- J338 Throttle valve module
- J623 Engine/motor control unit
- T6bl 6-pin connector, black
- T6k 6-pin connector, black
- T14 14-pin connector, near front left longitudinal member, grey
- T60 60-pin connector, black
- T94 94-pin connector, black

201 Earth connection 5, in engine compartment wiring harness

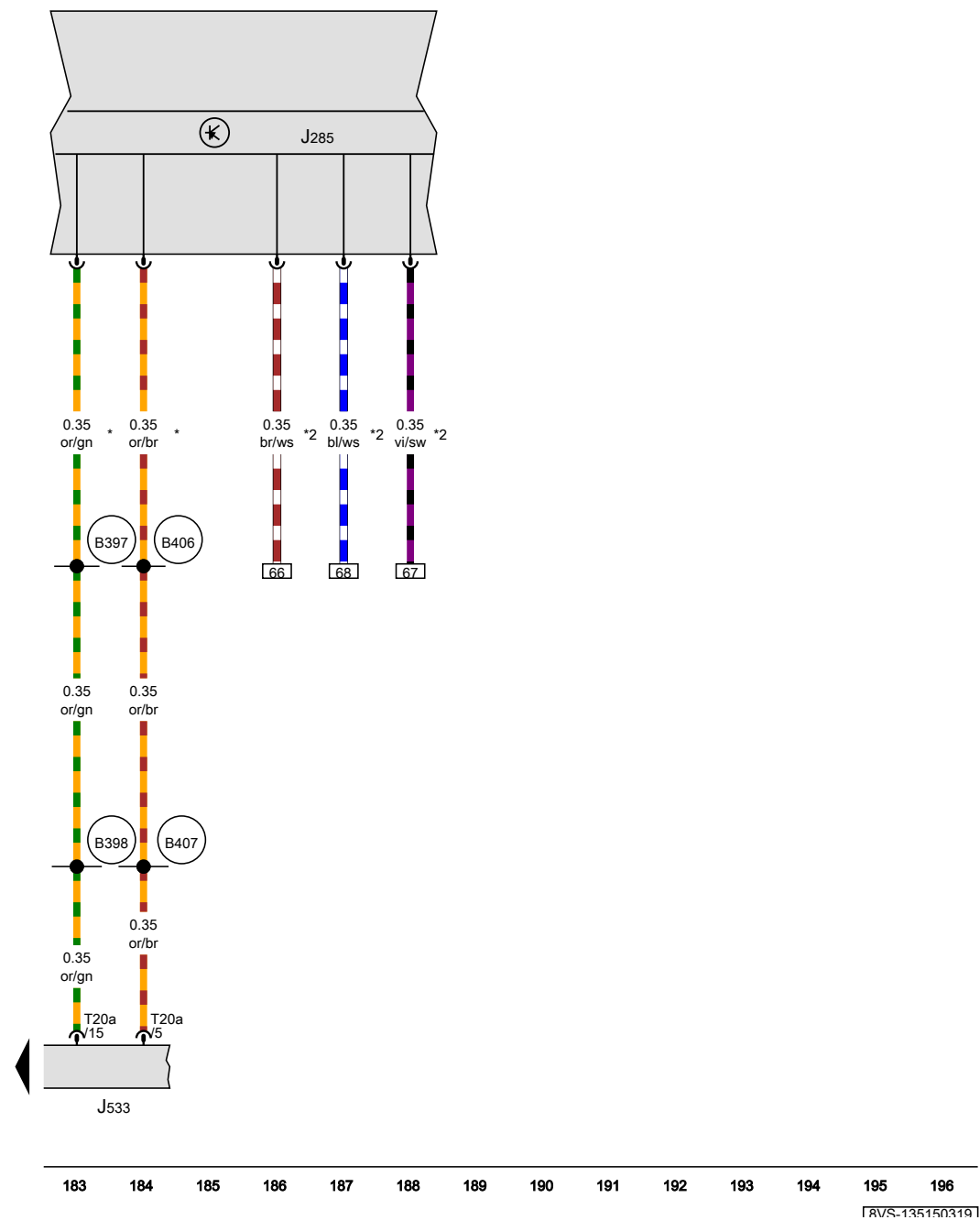
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- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



Lambda probe, Lambda probe after catalytic converter, Data bus diagnostic interface, Engine/motor control unit, Lambda probe 1 heater after catalytic converter

- G39 Lambda probe
- G130 Lambda probe after catalytic converter
- J533 Data bus diagnostic interface
- J623 Engine/motor control unit
- T4d 4-pin connector, black
- T6I 6-pin connector, black
- T17a 17-pin connector, on lower section of left A-pillar, black
- T20a 20-pin connector, red
- T94 94-pin connector, black
- Z19 Lambda probe heater
- Z29 Lambda probe 1 heater after catalytic converter
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- D182 Connection 3 (87a), in engine compartment wiring harness
- E123 Connection 1 (powertrain CAN bus, high), in engine wiring harness
- E124 Connection 1 (powertrain CAN bus, low), in engine wiring harness
- * Pre-wired component
- *2 Wiring colour depends on equipment

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



Control unit in dash panel insert, Data bus diagnostic interface

J285 Control unit in dash panel insert
J533 Data bus diagnostic interface
T20a 20-pin connector, red

B397 Connection 1 (convenience CAN bus, high), in main wiring harness

B398 Connection 2 (convenience CAN bus, high), in main wiring harness

B406 Connection 1 (convenience CAN bus, low), in main wiring harness

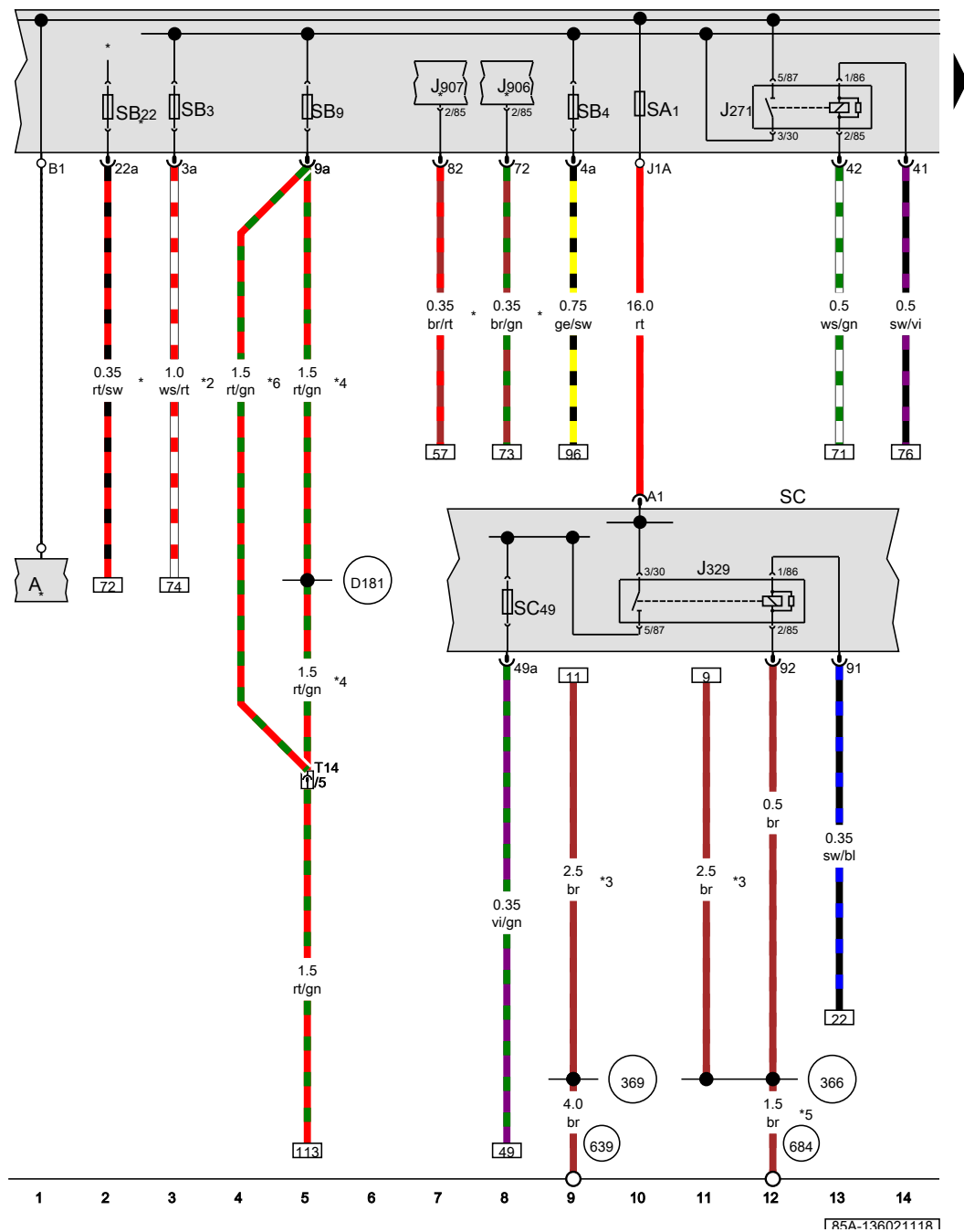
B407 Connection 2 (convenience CAN bus, low), in main wiring harness

* see applicable current flow diagram for dash panel insert
*2 see applicable current flow diagram for fuel system

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

1.4l petrol engine , CSSA,DBWA

From October 2015



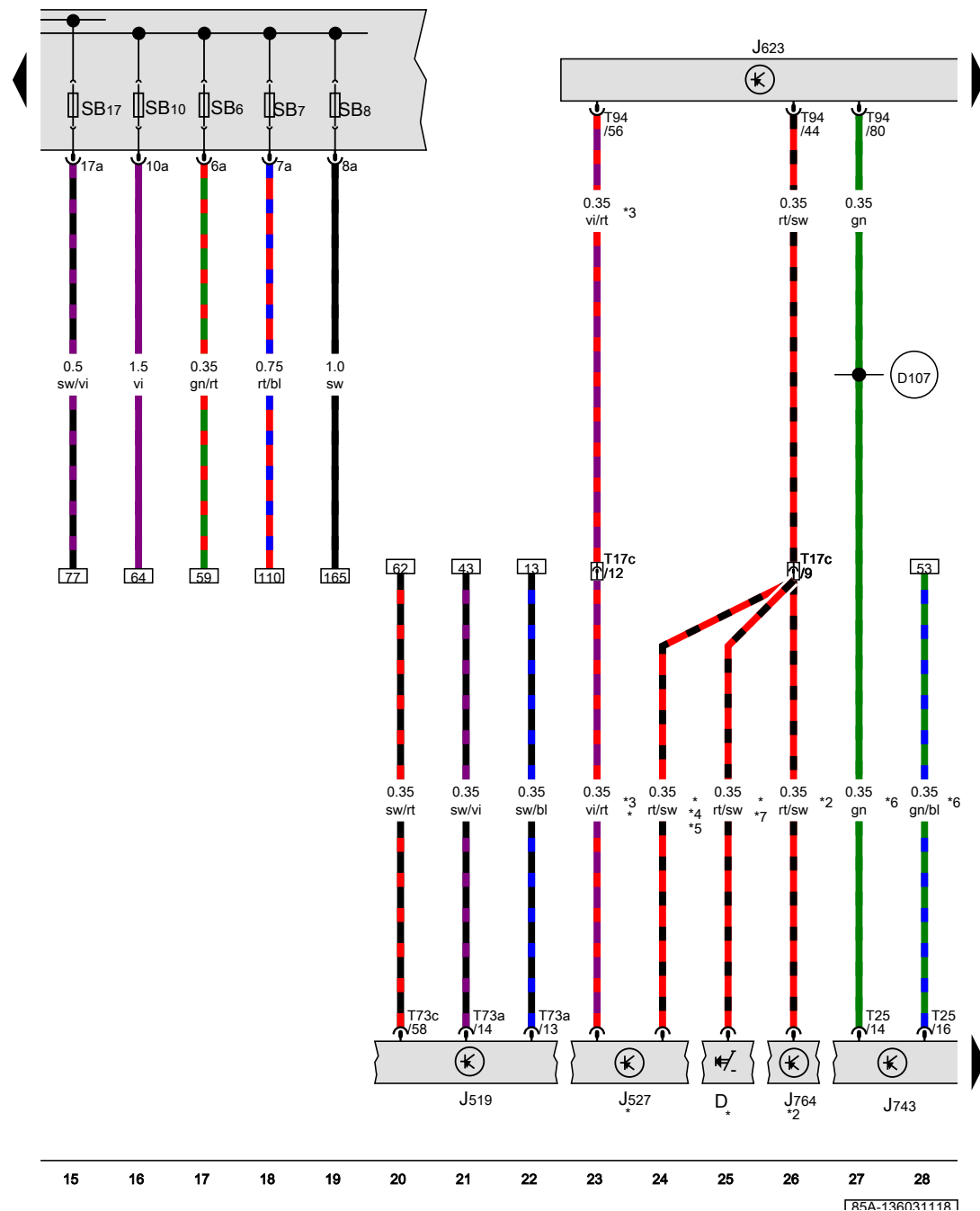
Main relay, Terminal 15 voltage supply relay, Fuse holder C

- A Battery
- J271 Main relay
- J329 Terminal 15 voltage supply relay
- J906 Starter relay 1
- J907 Starter relay 2
- SA1 Fuse 1 on fuse holder A
- SB3 Fuse 3 on fuse holder B
- SB4 Fuse 4 on fuse holder B
- SB9 Fuse 9 on fuse holder B
- SB22 Fuse 22 on fuse holder B
- SC Fuse holder C
- SC49 Fuse 49 on fuse holder C
- T14 14-pin connector, near front left longitudinal member, grey

- 366 Earth connection 1, in main wiring harness
- 369 Earth connection 4, in main wiring harness
- 639 Earth point, left A-pillar
- 684 Earth point on front of left side member
- D181 Connection 2 (87a), in engine compartment wiring harness

- * see applicable current flow diagram for battery in engine compartment
- *2 Wiring colour depends on equipment
- *3 For left-hand drive models
- *4 Gradually discontinued
- *5 For right-hand drive models
- *6 gradual introduction

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

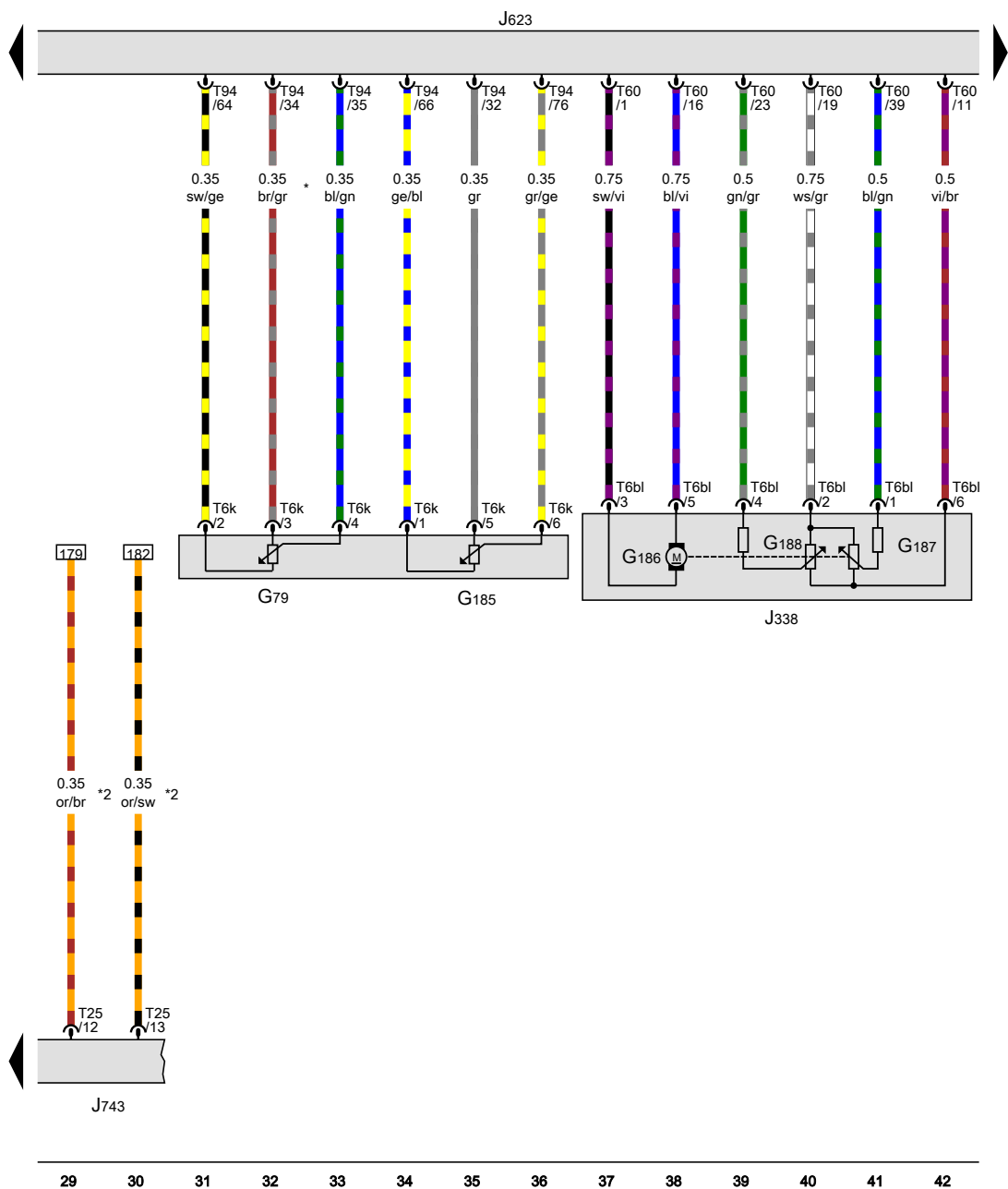


Onboard supply control unit, Steering column electronics control unit, Engine/motor control unit, Mechatronic unit for dual clutch gearbox

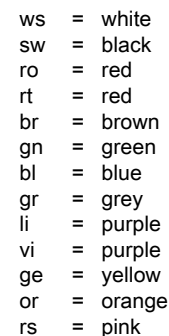
- D Ignition/starter switch
- J519 Onboard supply control unit
- J527 Steering column electronics control unit
- J623 Engine/motor control unit
- J743 Mechatronic unit for dual clutch gearbox
- J764 Control unit for electronic steering column lock
- SB6 Fuse 6 on fuse holder B
- SB7 Fuse 7 on fuse holder B
- SB8 Fuse 8 on fuse holder B
- SB10 Fuse 10 on fuse holder B
- SB17 Fuse 17 on fuse holder B
- T17c 17-pin connector, on lower section of left A-pillar, red
- T25 25-pin connector, black
- T73a 73-pin connector, black
- T73c 73-pin connector, black
- T94 94-pin connector, black
- D107 Connection 5 in engine compartment wiring harness
- * see applicable current flow diagram for steering column electronics
- *2 see applicable current flow diagram for entry and start authorisation
- *3 For models with cruise control system (CCS)
- *4 For models with no entry and start authorisation
- *5 Up to June 2018
- *6 see applicable current flow diagram for dual clutch gearbox
- *7 From July 2018

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

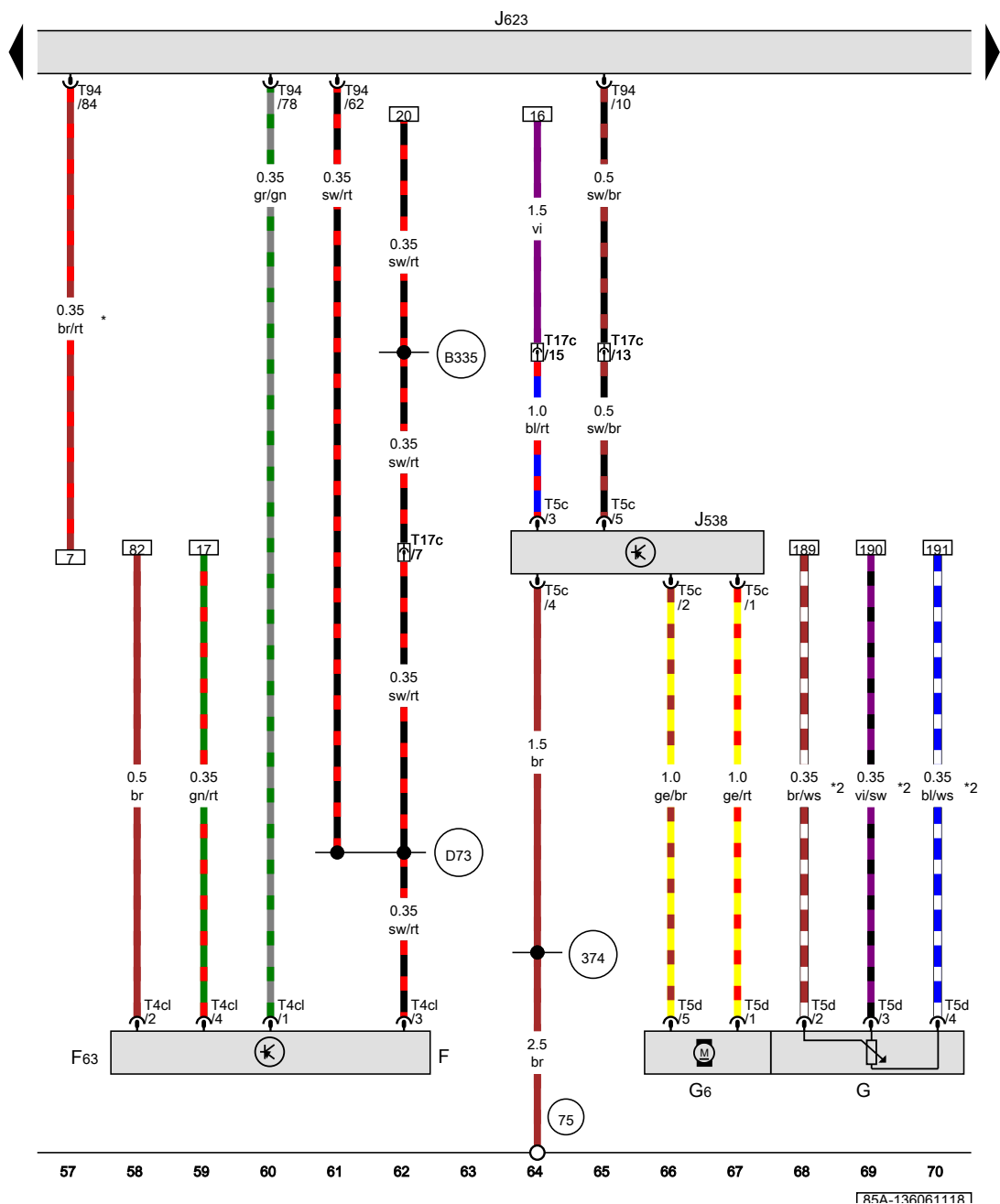
Accelerator position sender, Accelerator position sender 2,
Throttle valve module, Engine/motor control unit,
Mechatronic unit for dual clutch gearbox



- G79 Accelerator position sender
- G185 Accelerator position sender 2
- G186 Throttle valve drive for electric throttle
- G187 Throttle valve drive angle sender 1 for electric throttle
- G188 Throttle valve drive angle sender 2 for electric throttle
- J338 Throttle valve module
- J623 Engine/motor control unit
- J743 Mechatronic unit for dual clutch gearbox
- T6bl 6-pin connector, black
- T6k 6-pin connector, black
- T25 25-pin connector, black
- T60 60-pin connector, black
- T94 94-pin connector, black
- * Wiring colour depends on equipment
- *2 see applicable current flow diagram for dual clutch gearbox

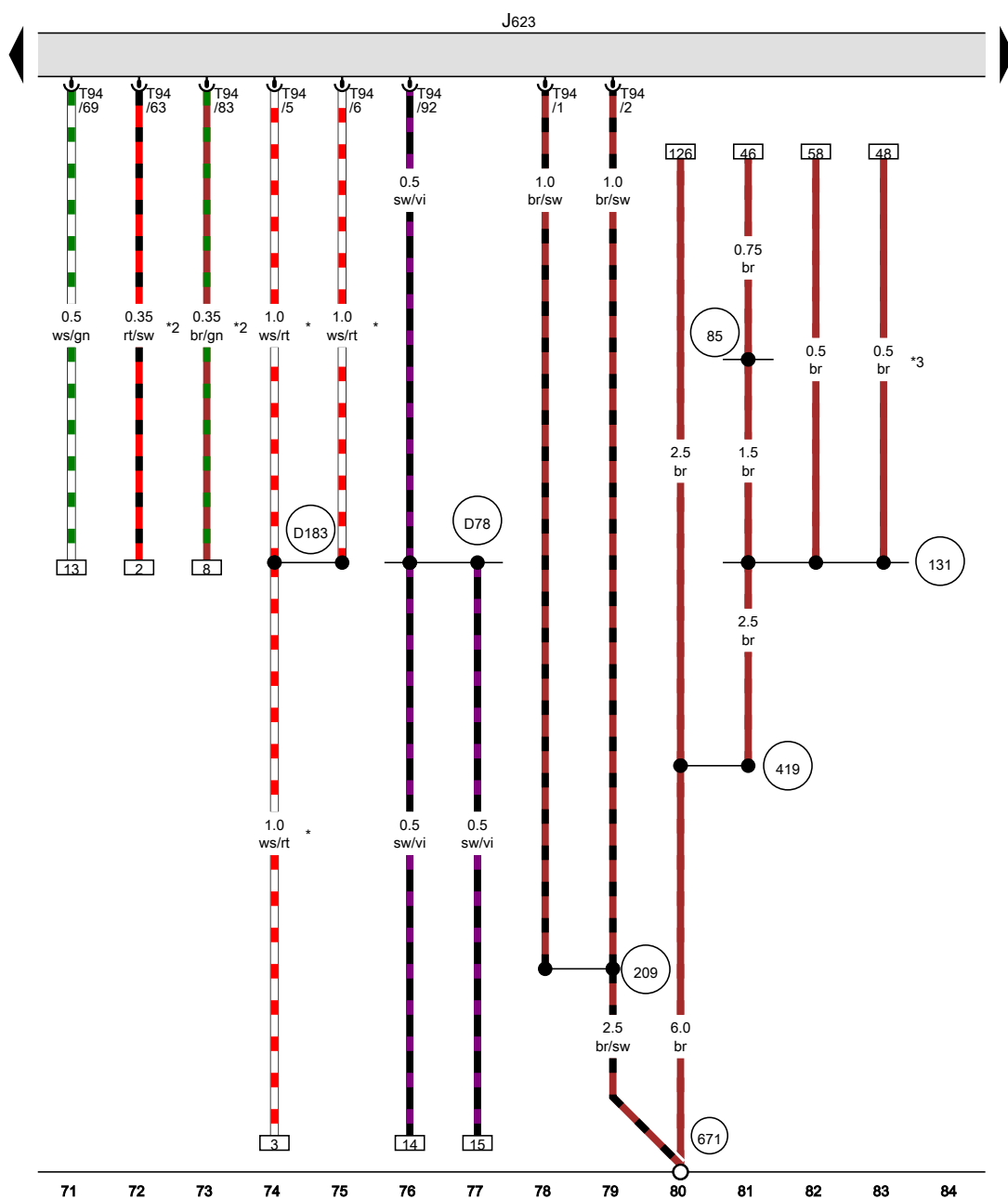


G266	Oil level and oil temperature sender
G476	Clutch position sender
J104	ABS control unit
J623	Engine/motor control unit
T3ag	3-pin connector, black
T5o	5-pin connector, black
T6a	6-pin connector, black
T17b	17-pin connector, on lower section of left A-pillar, brown
T17c	17-pin connector, on lower section of left A-pillar, red
T46a	46-pin connector, black
T46c	46-pin connector, black
T94	94-pin connector, black
B466	Connection 2, in main wiring harness
D52	Positive connection (15a), in engine compartment wiring harness
D102	Connection 2 in engine compartment wiring harness
D103	Connection 3 in engine compartment wiring harness
*	For models with manual gearbox
*2	According to equipment
*3	see applicable current flow diagram for dual clutch gearbox



Brake light switch, Brake pedal switch, Fuel gauge sender, Fuel system pressurisation pump, Engine/motor control unit

- F Brake light switch
- F63 Brake pedal switch
- G Fuel gauge sender
- G6 Fuel system pressurisation pump
- J538 Fuel pump control unit
- J623 Engine/motor control unit
- T4cl 4-pin connector, black
- T5c 5-pin connector, black
- T5d 5-pin connector, black
- T17c 17-pin connector, on lower section of left A-pillar, red
- T94 94-pin connector, black
- 75 Earth point, rear right pillar
- 374 Earth connection 9, in main wiring harness
- B335 Connection 1 (54), in main wiring harness
- D73 Positive connection (54), in engine compartment wiring harness
- * see applicable current flow diagram for battery in engine compartment
- *2 see applicable current flow diagram for fuel system



Engine/motor control unit

J623 Engine/motor control unit

T94 94-pin connector, black

85 Earth connection 1, in engine compartment wiring harness

131 Earth connection 2, in engine compartment wiring harness

209 Earth connection 6, in engine compartment wiring harness

419 Earth connection 11, in engine compartment wiring harness

671 Earth point 1, on front of left longitudinal member

D78 Positive connection 1 (30a), in engine compartment wiring harness

D183 Connection 4 (87a), in engine compartment wiring harness

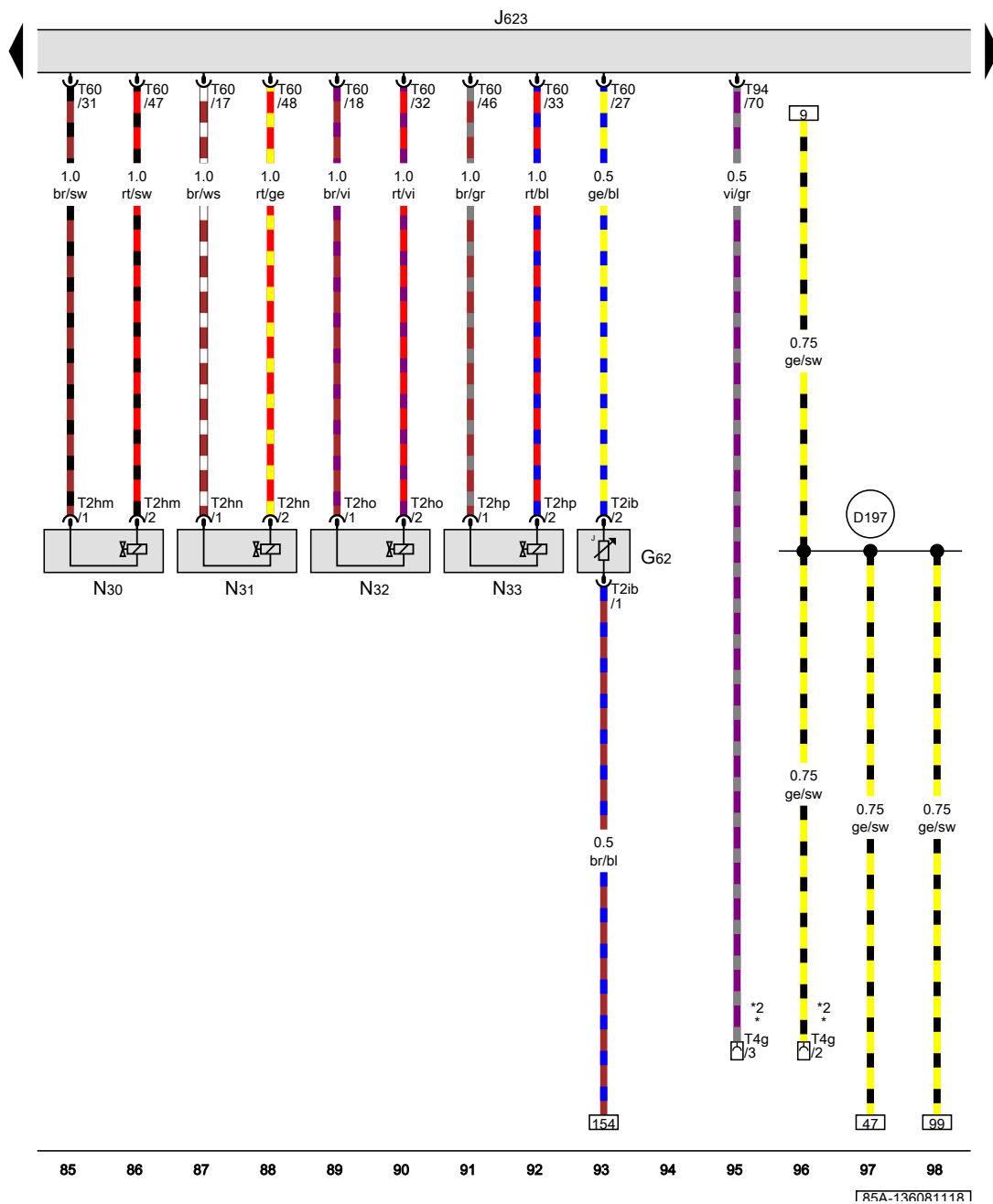
* Wiring colour depends on equipment

*2 see applicable current flow diagram for battery in engine compartment

*3 For models with manual gearbox

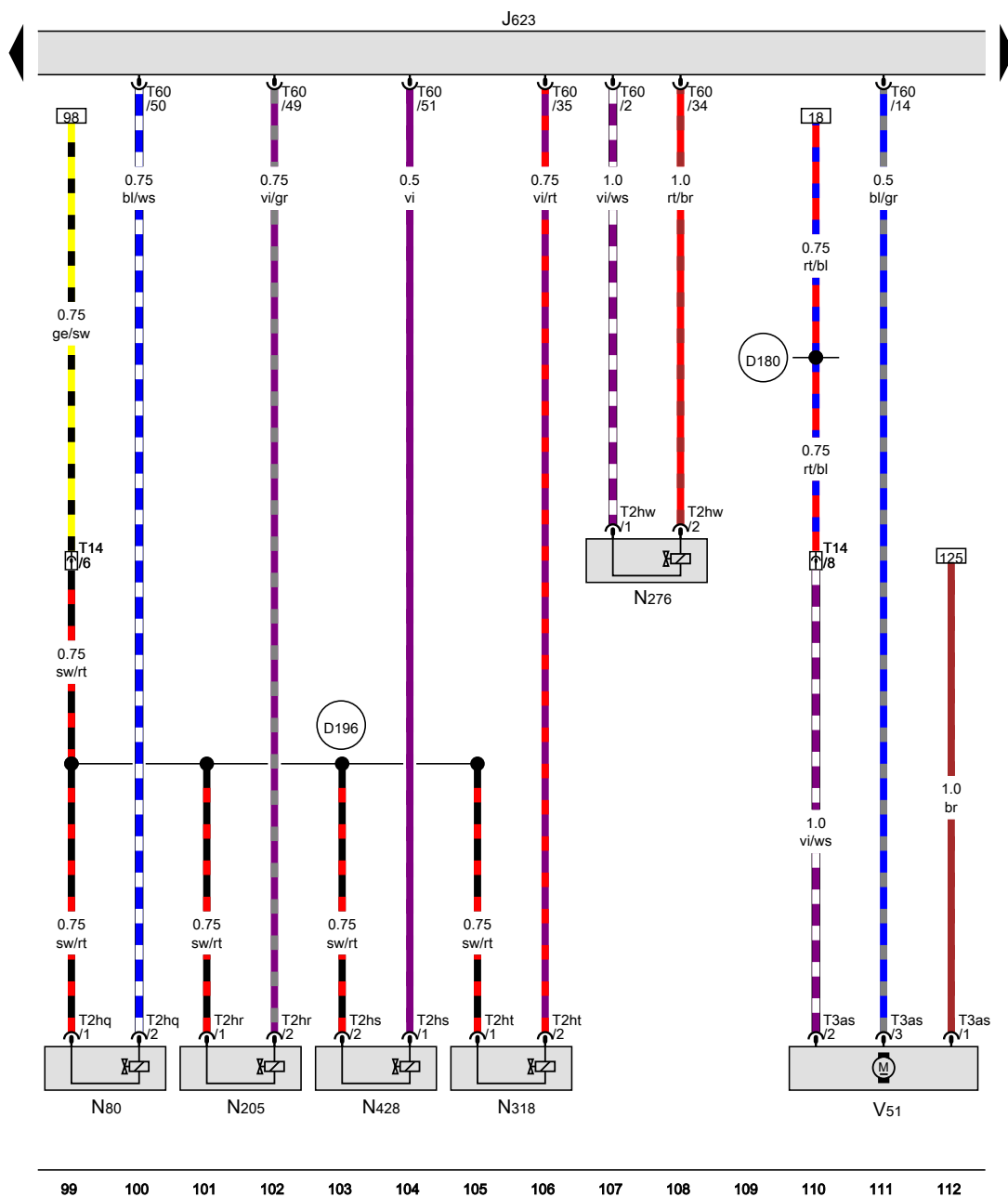
ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

[85A-136071118]



Coolant temperature sender, Engine/motor control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

- G62 Coolant temperature sender
- J623 Engine/motor control unit
- N30 Injector, cylinder 1
- N31 Injector, cylinder 2
- N32 Injector, cylinder 3
- N33 Injector, cylinder 4
- T2hm 2-pin connector, black
- T2hn 2-pin connector, black
- T2ho 2-pin connector, black
- T2hp 2-pin connector, black
- T2ib 2-pin connector, black
- T4g 4-pin connector, black
- T60 60-pin connector, black
- T94 94-pin connector, black
- D197 Connection 5 (87a), in engine compartment wiring harness
- * Radiator fan connection
- *2 see applicable current flow diagram for radiator fan



Engine/motor control unit, Activated charcoal filter solenoid valve 1, Camshaft control valve 1, Fuel pressure regulating valve, Exhaust camshaft control valve 1, Valve for oil pressure control, Continued coolant circulation pump

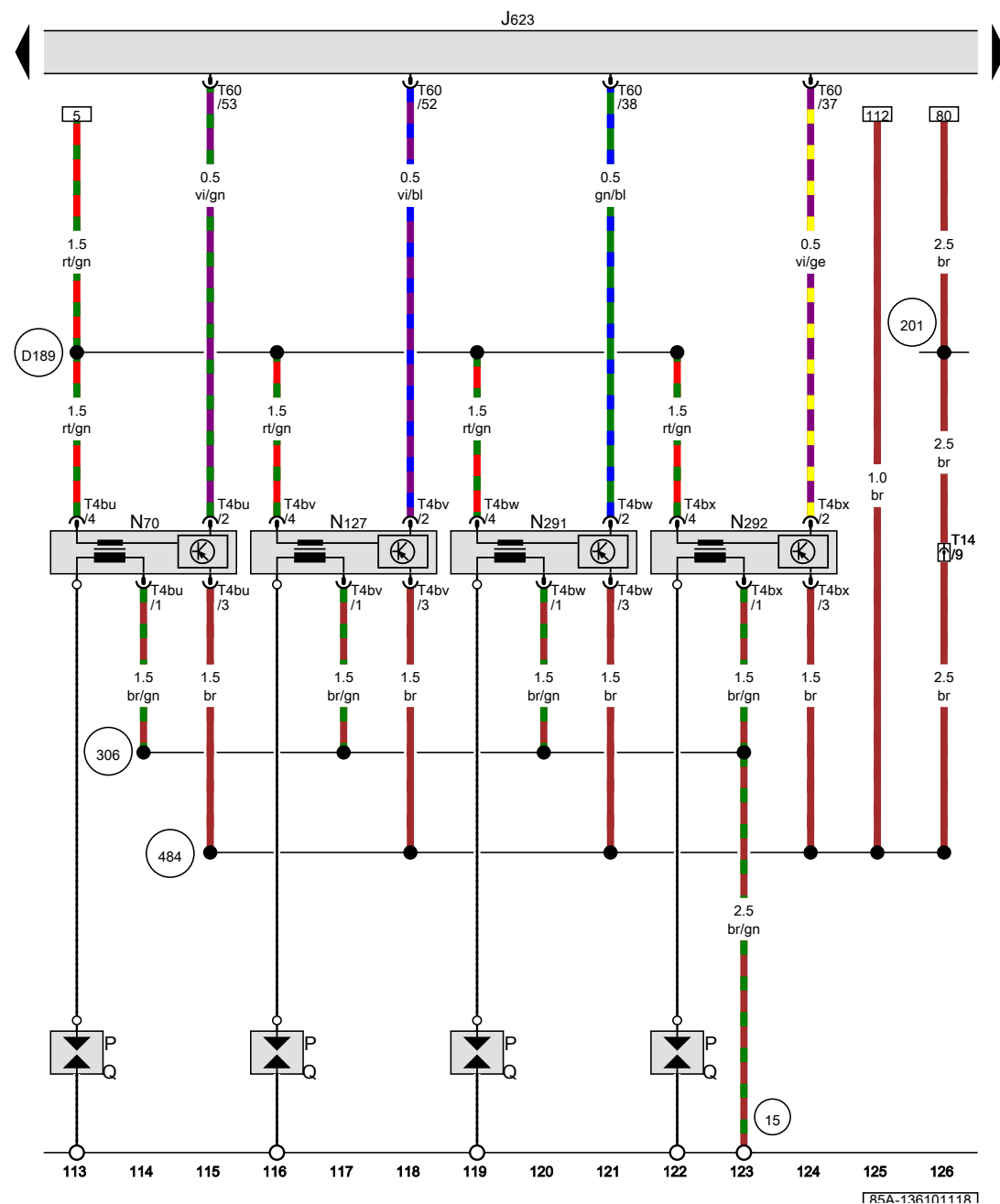
- J623 Engine/motor control unit
- N80 Activated charcoal filter solenoid valve 1
- N205 Camshaft control valve 1
- N276 Fuel pressure regulating valve
- N318 Exhaust camshaft control valve 1
- N428 Valve for oil pressure control
- T2hq 2-pin connector, black
- T2hr 2-pin connector, black
- T2hs 2-pin connector, black
- T2ht 2-pin connector, black
- T2hw 2-pin connector, black
- T3as 3-pin connector, black
- T14 14-pin connector, near front left longitudinal member, grey
- T60 60-pin connector, black
- V51 Continued coolant circulation pump

D180 Connection (87a), in engine compartment wiring harness

D196 Connection 2 (87a) in engine prewiring harness

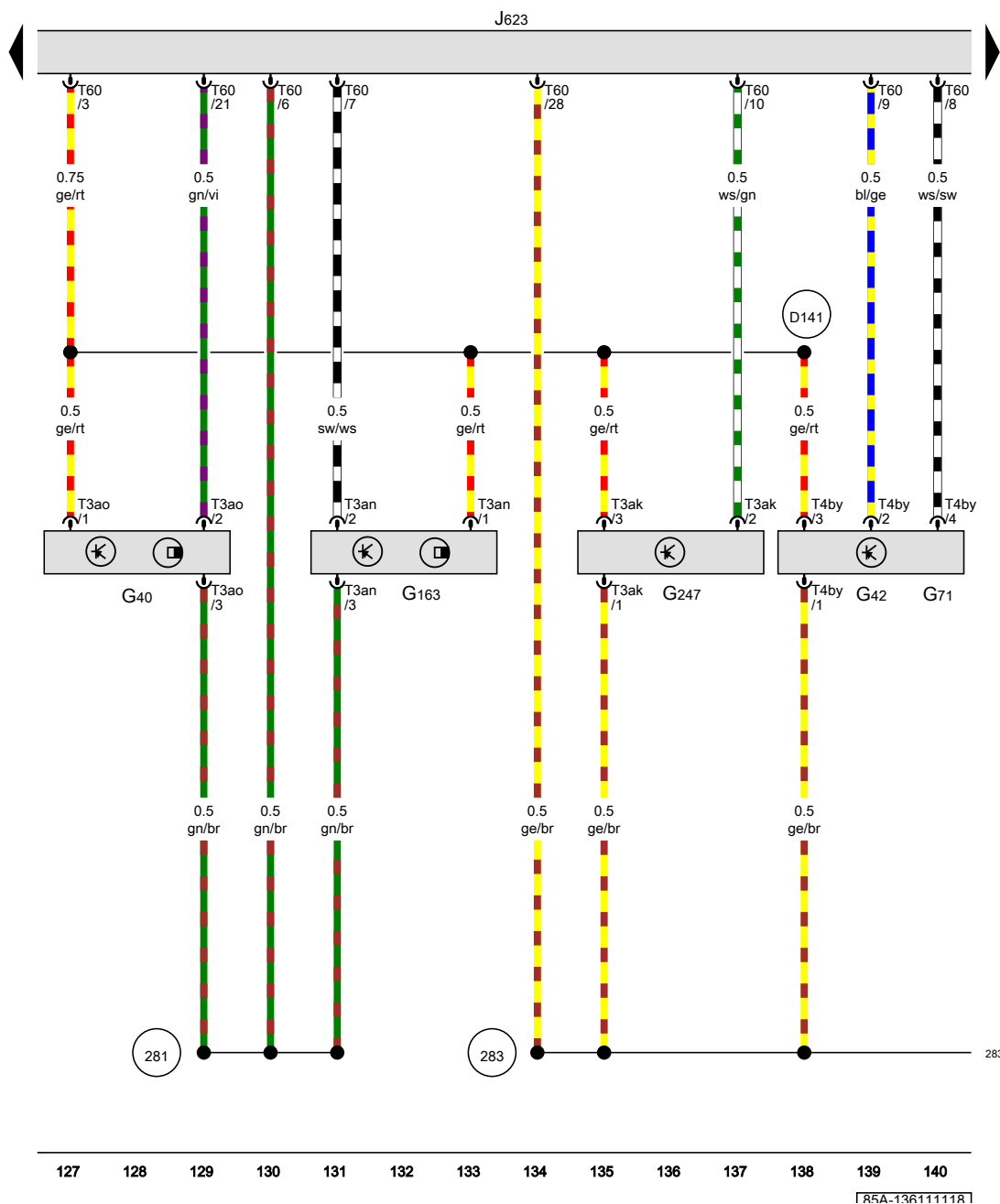
- ws = white
- sw = black
- ro = red
- rt = red
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- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

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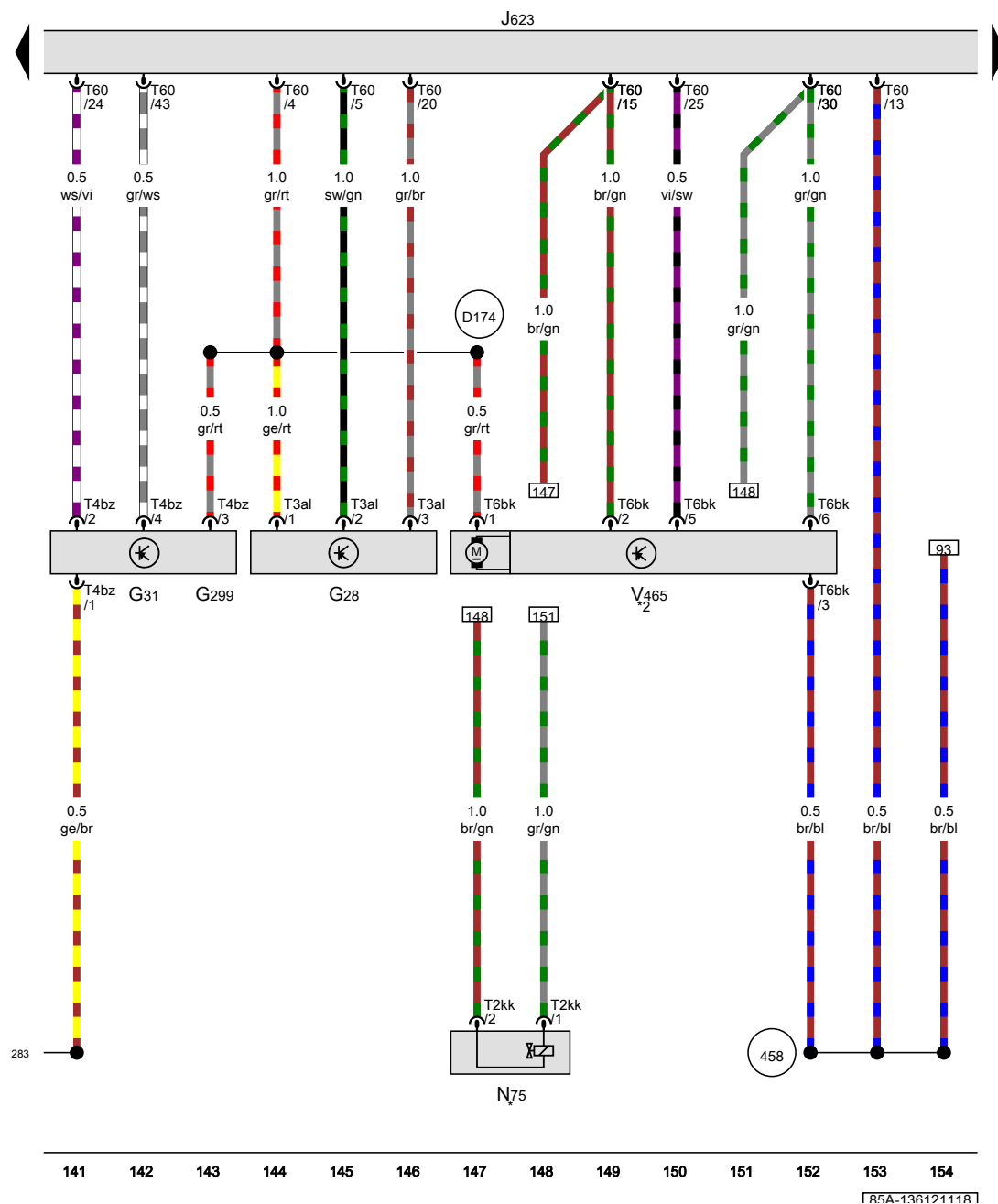
Engine/motor control unit, Ignition coil 1 with output stage, Ignition coil 2 with output stage, Ignition coil 3 with output stage, Ignition coil 4 with output stage

- J623 Engine/motor control unit
- N70 Ignition coil 1 with output stage
- N127 Ignition coil 2 with output stage
- N291 Ignition coil 3 with output stage
- N292 Ignition coil 4 with output stage
- P Spark plug connector
- Q Spark plugs
- T4bu 4-pin connector, black
- T4bv 4-pin connector, black
- T4bw 4-pin connector, black
- T4bx 4-pin connector, black
- T14 14-pin connector, near front left longitudinal member, grey
- T60 60-pin connector, black
- 15 Earth point, on cylinder head
- 201 Earth connection 5, in engine compartment wiring harness
- 306 Earth connection (ignition coils), in engine prewiring harness
- 484 Earth connection 2 (ignition coils), in engine prewiring harness
- D189 Connection (87a) in engine prewiring harness



Hall sender, Intake air temperature sender, Intake manifold pressure sender, Hall sender 2, Fuel pressure sender, Engine/motor control unit

- G40 Hall sender
- G42 Intake air temperature sender
- G71 Intake manifold pressure sender
- G163 Hall sender 2
- G247 Fuel pressure sender
- J623 Engine/motor control unit
- T3ak 3-pin connector, black
- T3an 3-pin connector, black
- T3ao 3-pin connector, black
- T4by 4-pin connector, black
- T60 60-pin connector, black
- 281 Earth point 1, engine prewiring harness
- 283 Earth point 2, engine prewiring harness
- D141 Connection (5V) in engine prewiring harness



Engine speed sender, Charge pressure sender, Intake air temperature sender 2, Engine/motor control unit, Charge pressure control solenoid valve, Charge pressure positioner

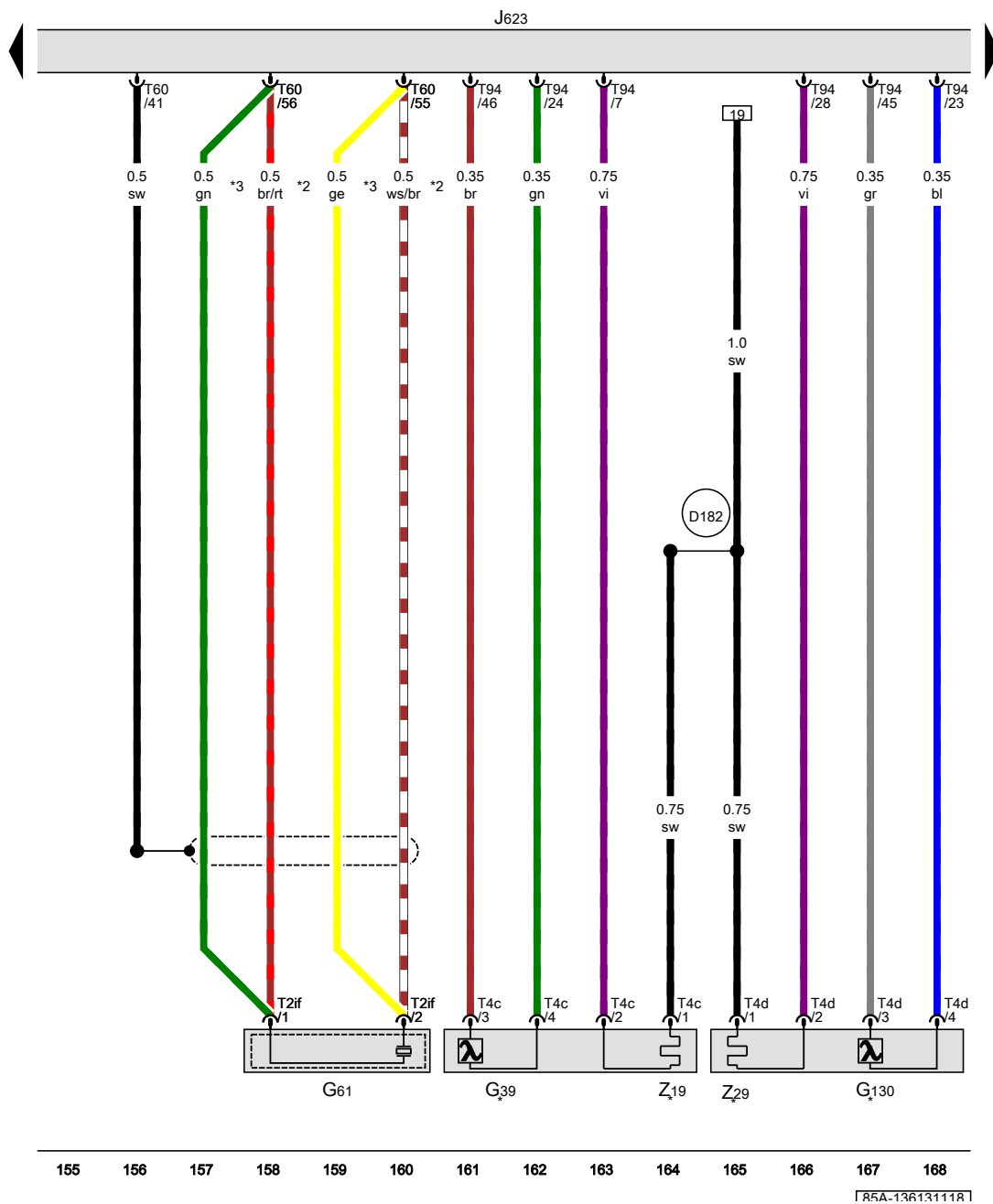
- G28 Engine speed sender
- G31 Charge pressure sender
- G299 Intake air temperature sender 2
- J623 Engine/motor control unit
- N75 Charge pressure control solenoid valve
- T2kk 2-pin connector
- T3al 3-pin connector, black
- T4bz 4-pin connector, black
- T6bk 6-pin connector
- T60 60-pin connector, black
- V465 Charge pressure positioner

283 Earth point 2, engine prewiring harness

458 Earth point 3, engine prewiring harness

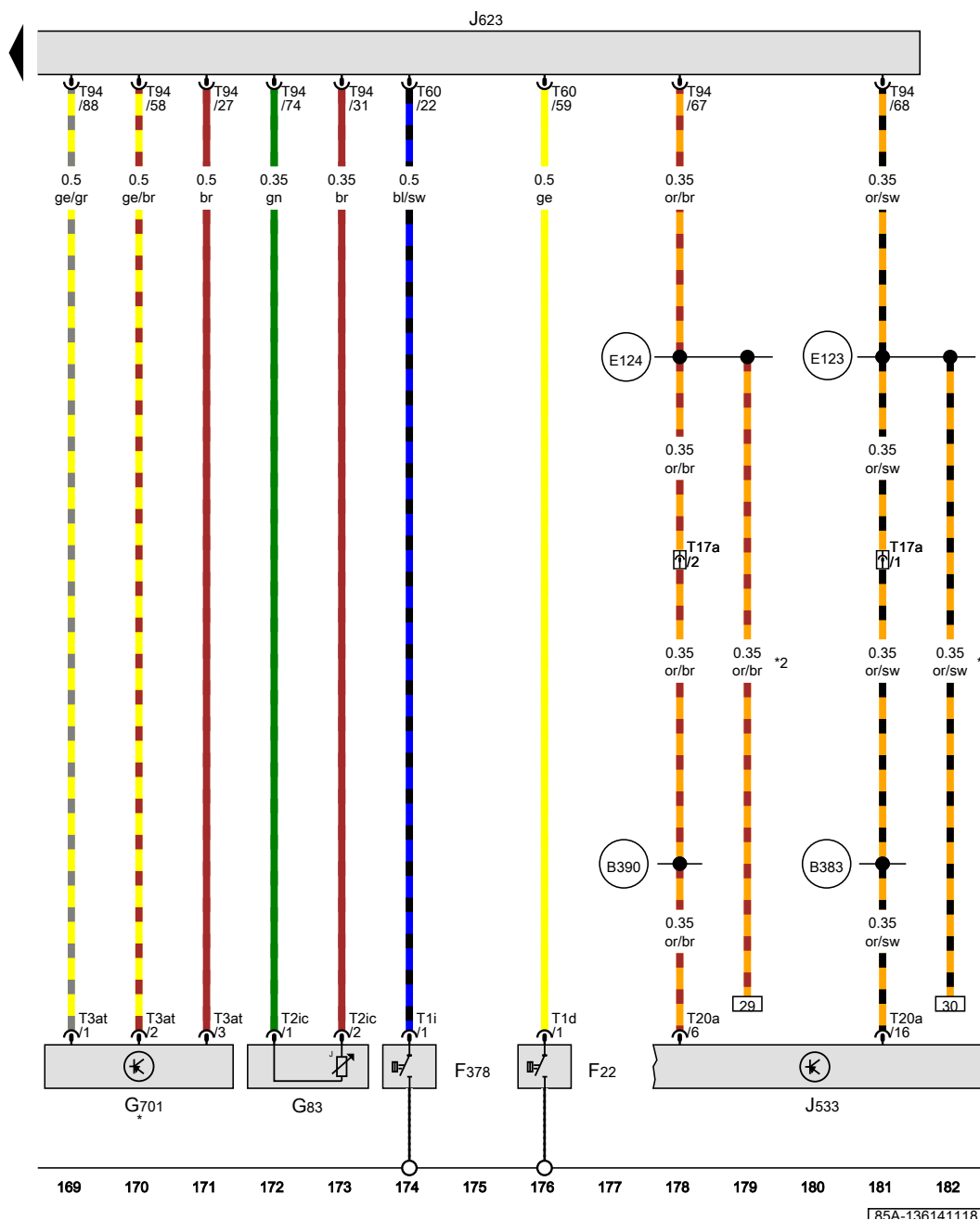
D174 Connection 2 (5V) in engine prewiring harness

* Gradually discontinued
*2 gradual introduction



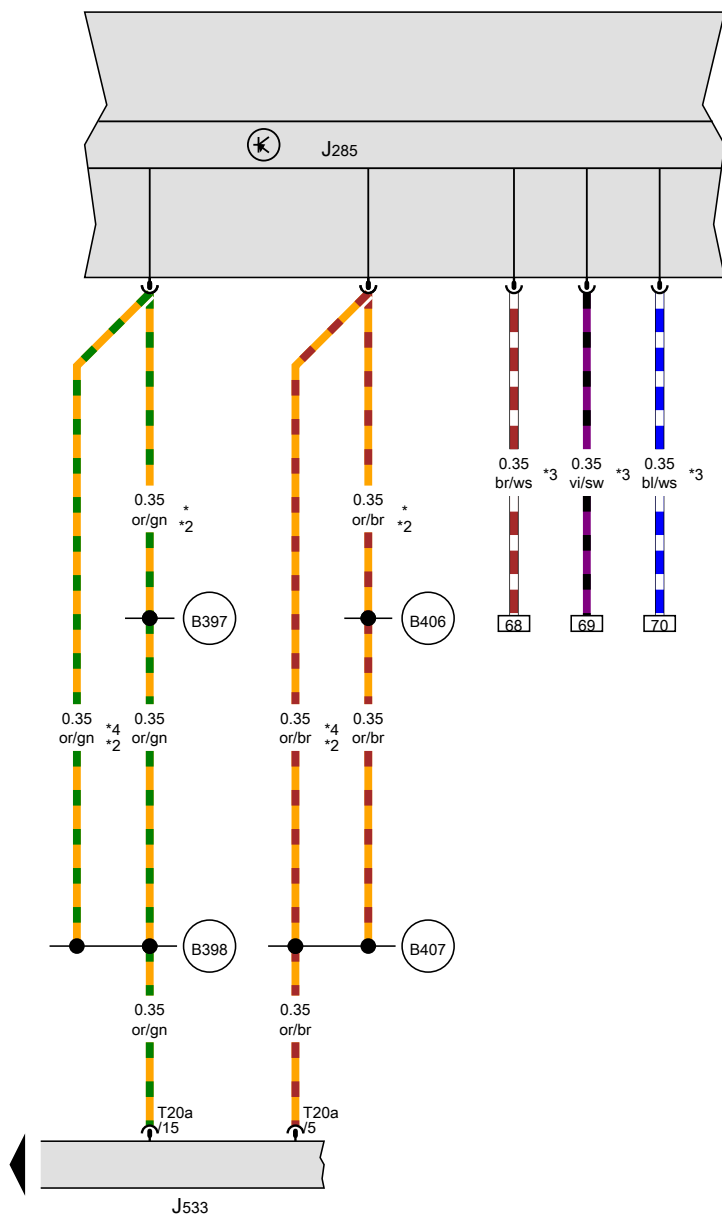
Lambda probe, Knock sensor 1, Lambda probe after catalytic converter, Engine/motor control unit, Lambda probe heater, Lambda probe 1 heater after catalytic converter

- G39 Lambda probe
- G61 Knock sensor 1
- G130 Lambda probe after catalytic converter
- J623 Engine/motor control unit
- T2if 2-pin connector, black
- T4c 4-pin connector, brown
- T4d 4-pin connector, black
- T60 60-pin connector, black
- T94 94-pin connector, black
- Z19 Lambda probe heater
- Z29 Lambda probe 1 heater after catalytic converter
- D182 Connection 3 (87a), in engine compartment wiring harness
- * Pre-wired component
- *2 Gradually discontinued
- *3 gradual introduction



Oil pressure switch, Oil pressure switch for reduced oil pressure, Radiator outlet coolant temperature sender, Gearbox neutral position sender, Data bus diagnostic interface, Engine/motor control unit

- F22 Oil pressure switch
- F378 Oil pressure switch for reduced oil pressure
- G83 Radiator outlet coolant temperature sender
- G701 Gearbox neutral position sender
- J533 Data bus diagnostic interface
- J623 Engine/motor control unit
- T1d 1-pin connector, black
- T1i 1-pin connector, black
- T2ic 2-pin connector, black
- T3at 3-pin connector, black
- T17a 17-pin connector, on lower section of left A-pillar, black
- T20a 20-pin connector, red
- T60 60-pin connector, black
- T94 94-pin connector, black
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- E123 Connection 1 (powertrain CAN bus, high), in engine wiring harness
- E124 Connection 1 (powertrain CAN bus, low), in engine wiring harness
- * If fitted
- *2 see applicable current flow diagram for dual clutch gearbox



Control unit in dash panel insert, Data bus diagnostic interface

J285 Control unit in dash panel insert
J533 Data bus diagnostic interface
T20a 20-pin connector, red

B397 Connection 1 (convenience CAN bus, high), in main wiring harness

B398 Connection 2 (convenience CAN bus, high), in main wiring harness

B406 Connection 1 (convenience CAN bus, low), in main wiring harness

B407 Connection 2 (convenience CAN bus, low), in main wiring harness

* For left-hand drive models
*2 see applicable current flow diagram for dash panel insert
*3 see applicable current flow diagram for fuel system
*4 For right-hand drive models

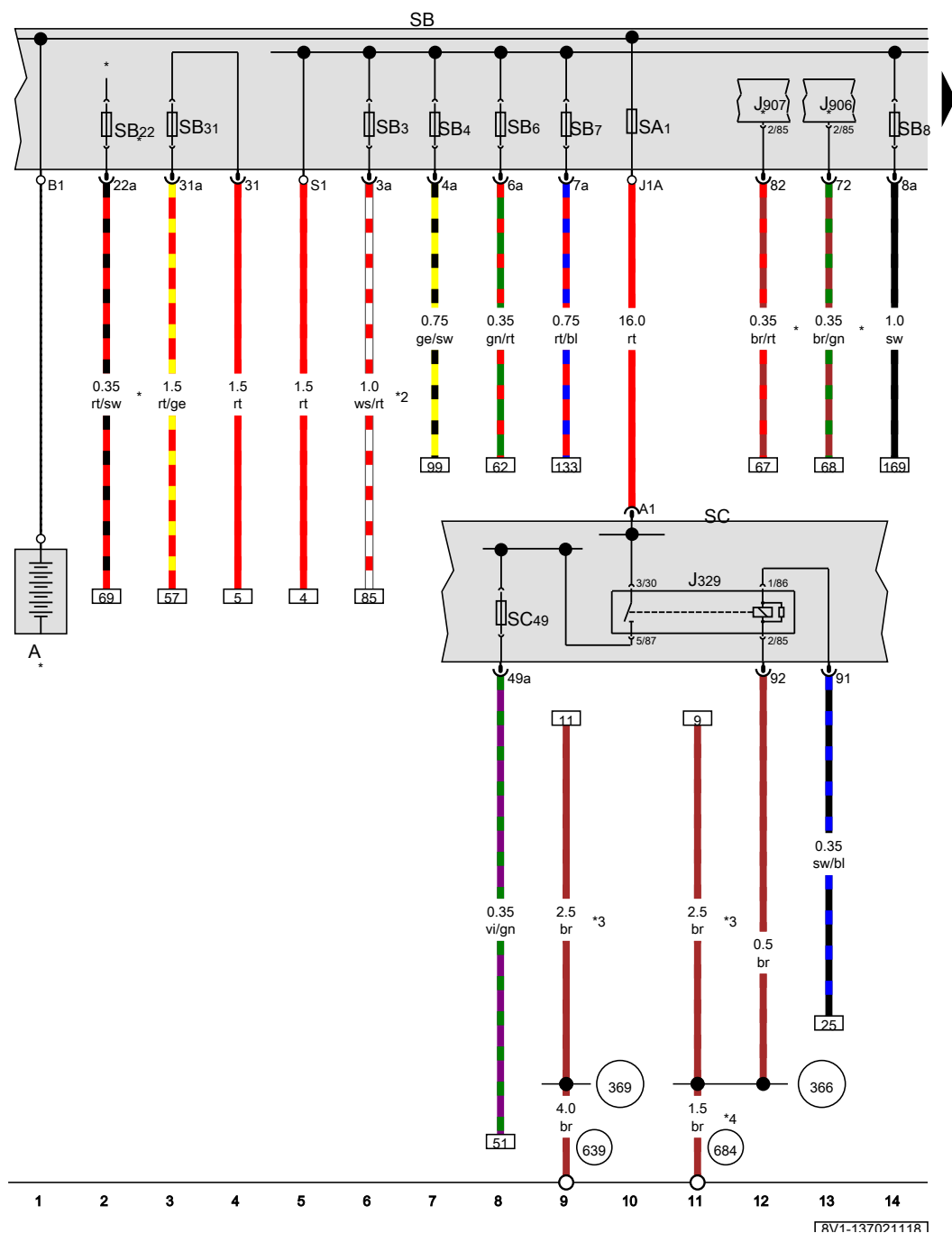
ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

183 184 185 186 187 188 189 190 191 192 193 194 195 196

[85A-13R151118]

1.4l petrol engine , CMBA,CXSA,CXSB,CZCA

From October 2015



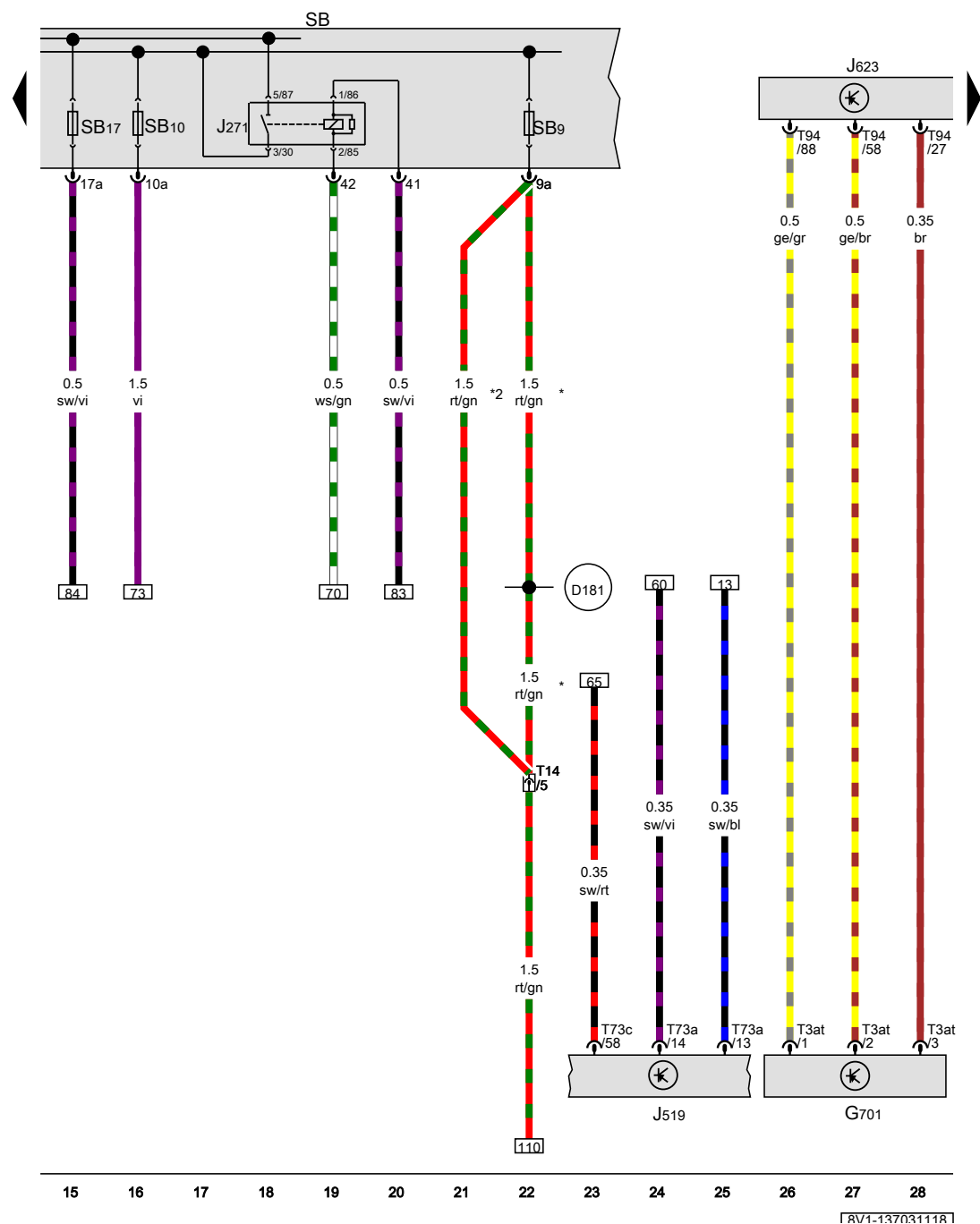
Terminal 15 voltage supply relay, Fuse holder C

- A Battery
- J329 Terminal 15 voltage supply relay
- J906 Starter relay 1
- J907 Starter relay 2
- SA1 Fuse 1 on fuse holder A
- SB Fuse holder B
- SB3 Fuse 3 on fuse holder B
- SB4 Fuse 4 on fuse holder B
- SB6 Fuse 6 on fuse holder B
- SB7 Fuse 7 on fuse holder B
- SB8 Fuse 8 on fuse holder B
- SB22 Fuse 22 on fuse holder B
- SB31 Fuse 31 on fuse holder B
- SC Fuse holder C
- SC49 Fuse 49 on fuse holder C

- 366 Earth connection 1, in main wiring harness
- 369 Earth connection 4, in main wiring harness
- 639 Earth point, left A-pillar
- 684 Earth point on front of left side member

- * see applicable current flow diagram for battery in engine compartment
- *2 Wiring colour depends on equipment
- *3 For left-hand drive models
- *4 For right-hand drive models

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

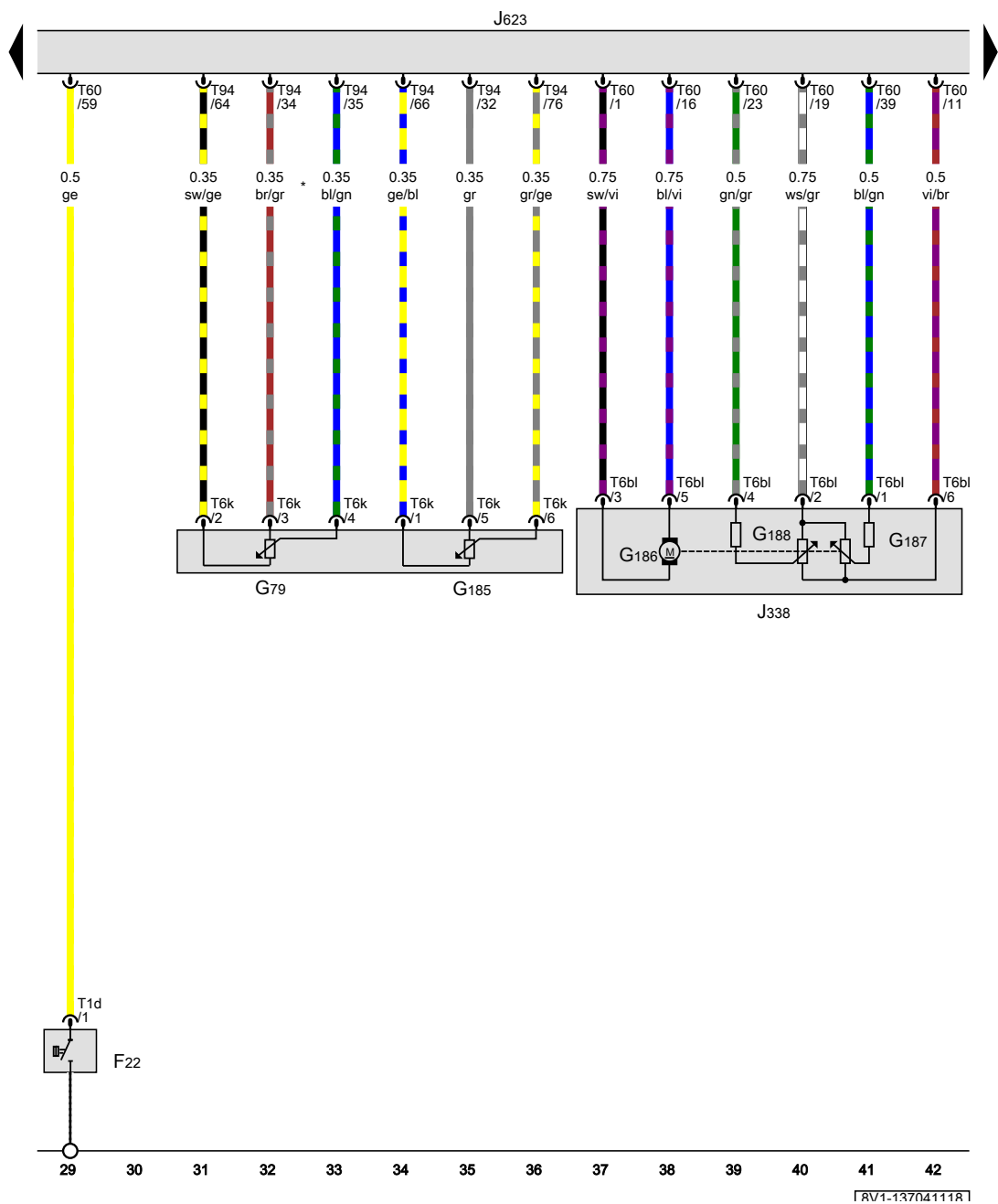


Gearbox neutral position sender, Main relay, Onboard supply control unit, Engine/motor control unit

- G701 Gearbox neutral position sender
- J271 Main relay
- J519 Onboard supply control unit
- J623 Engine/motor control unit
- SB Fuse holder B
- SB9 Fuse 9 on fuse holder B
- SB10 Fuse 10 on fuse holder B
- SB17 Fuse 17 on fuse holder B
- T3at 3-pin connector, black
- T14 14-pin connector, near front left longitudinal member, grey
- T73a 73-pin connector, black
- T73c 73-pin connector, black
- T94 94-pin connector, black

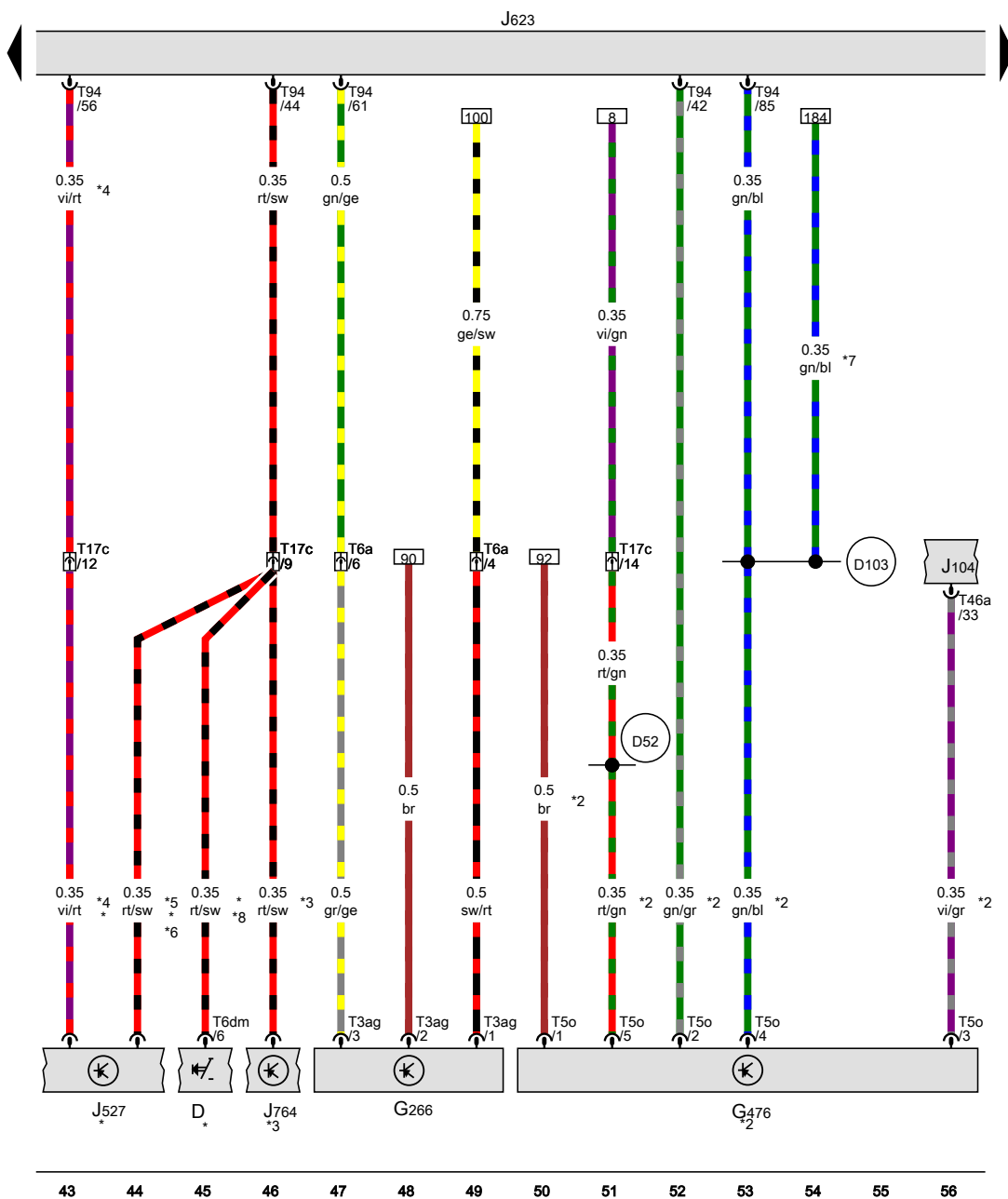
D181 Connection 2 (87a), in engine compartment wiring harness

- * Gradually discontinued
- *2 gradual introduction



Oil pressure switch, Accelerator position sender, Accelerator position sender 2, Throttle valve module, Engine/motor control unit

- F22 Oil pressure switch
- G79 Accelerator position sender
- G185 Accelerator position sender 2
- G186 Throttle valve drive for electric throttle
- G187 Throttle valve drive angle sender 1 for electric throttle
- G188 Throttle valve drive angle sender 2 for electric throttle
- J338 Throttle valve module
- J623 Engine/motor control unit
- T1d 1-pin connector, black
- T6bl 6-pin connector, black
- T6k 6-pin connector, black
- T60 60-pin connector, black
- T94 94-pin connector, black
- * Wiring colour depends on equipment

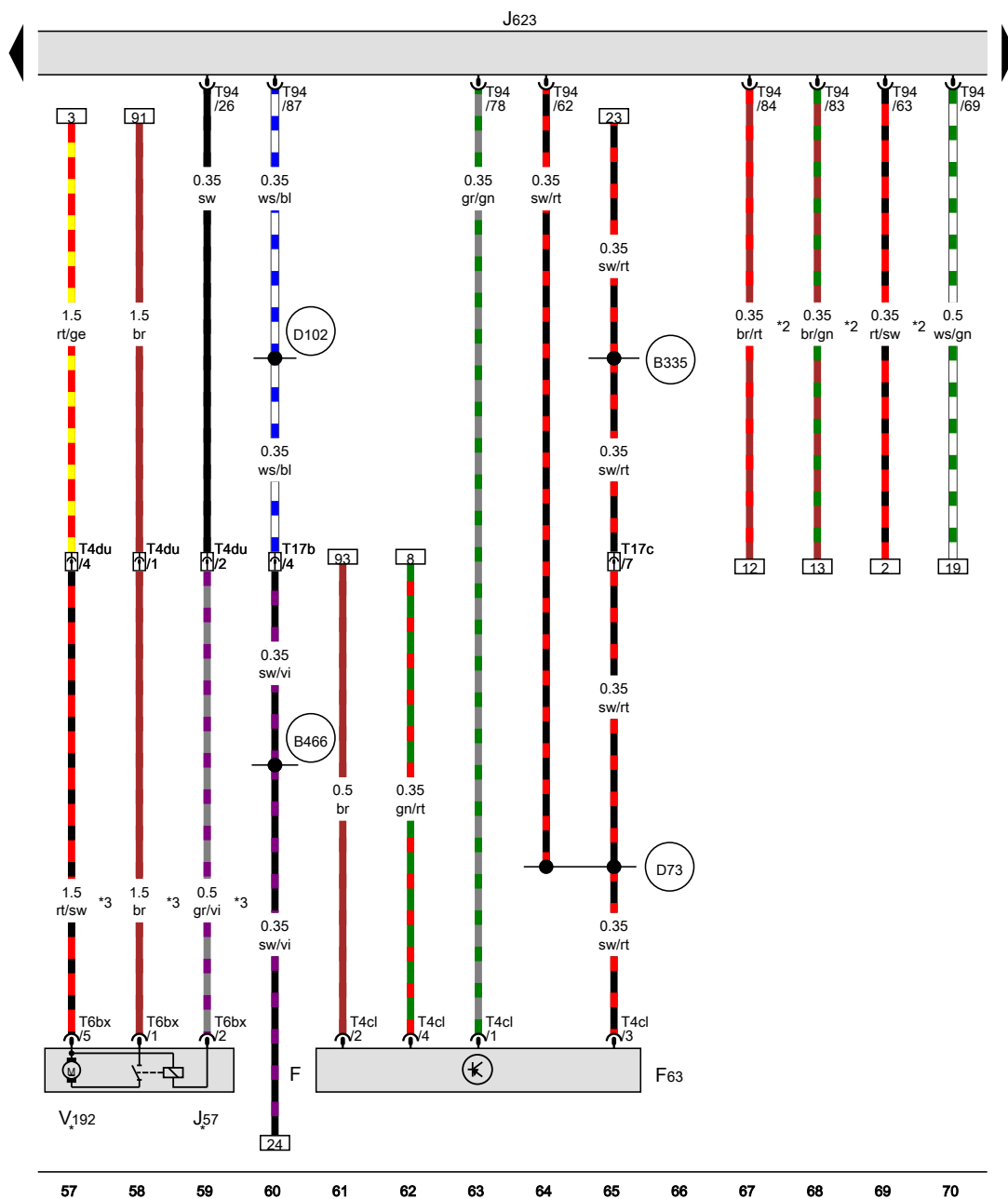


Oil level and oil temperature sender, Clutch position sender, Steering column electronics control unit, Engine/motor control unit

- D Ignition/starter switch
- G266 Oil level and oil temperature sender
- G476 Clutch position sender
- J104 ABS control unit
- J527 Steering column electronics control unit
- J623 Engine/motor control unit
- J764 Control unit for electronic steering column lock
- T3ag 3-pin connector, black
- T5o 5-pin connector, black
- T6a 6-pin connector, black
- T6dm 6-pin connector
- T17c 17-pin connector, on lower section of left A-pillar, red
- T46a 46-pin connector, black
- T94 94-pin connector, black
- D52 Positive connection (15a), in engine compartment wiring harness
- D103 Connection 3 in engine compartment wiring harness
- * see applicable current flow diagram for steering column electronics
- *2 For models with manual gearbox
- *3 see applicable current flow diagram for entry and start authorisation
- *4 For models with cruise control system (CCS)
- *5 For models with no entry and start authorisation
- *6 Up to June 2018
- *7 For models with dual clutch gearbox
- *8 From July 2018

ws = white
 sw = black
 ro = red
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 br = brown
 gn = green
 bl = blue
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 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

18V1-137051118

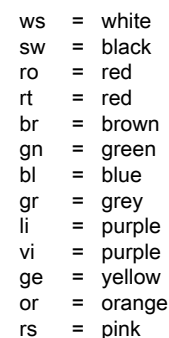


Brake light switch, Brake pedal switch, Engine/motor control unit

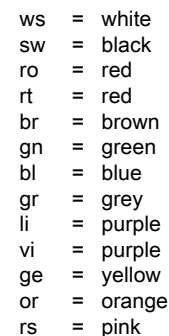
- F Brake light switch
- F63 Brake pedal switch
- J57 Vacuum pump relay
- J623 Engine/motor control unit
- T4cl 4-pin connector, black
- T4du 4-pin connector, black
- T6bx 6-pin connector, black
- T17b 17-pin connector, on lower section of left A-pillar, brown
- T17c 17-pin connector, on lower section of left A-pillar, red
- T94 94-pin connector, black
- V192 Vacuum pump for brakes
- B335 Connection 1 (54), in main wiring harness
- B466 Connection 2, in main wiring harness
- D73 Positive connection (54), in engine compartment wiring harness
- D102 Connection 2 in engine compartment wiring harness
- * For models with equipment for Japan
- *2 see applicable current flow diagram for battery in engine compartment
- *3 Wiring colour depends on equipment

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

18V1-137061118

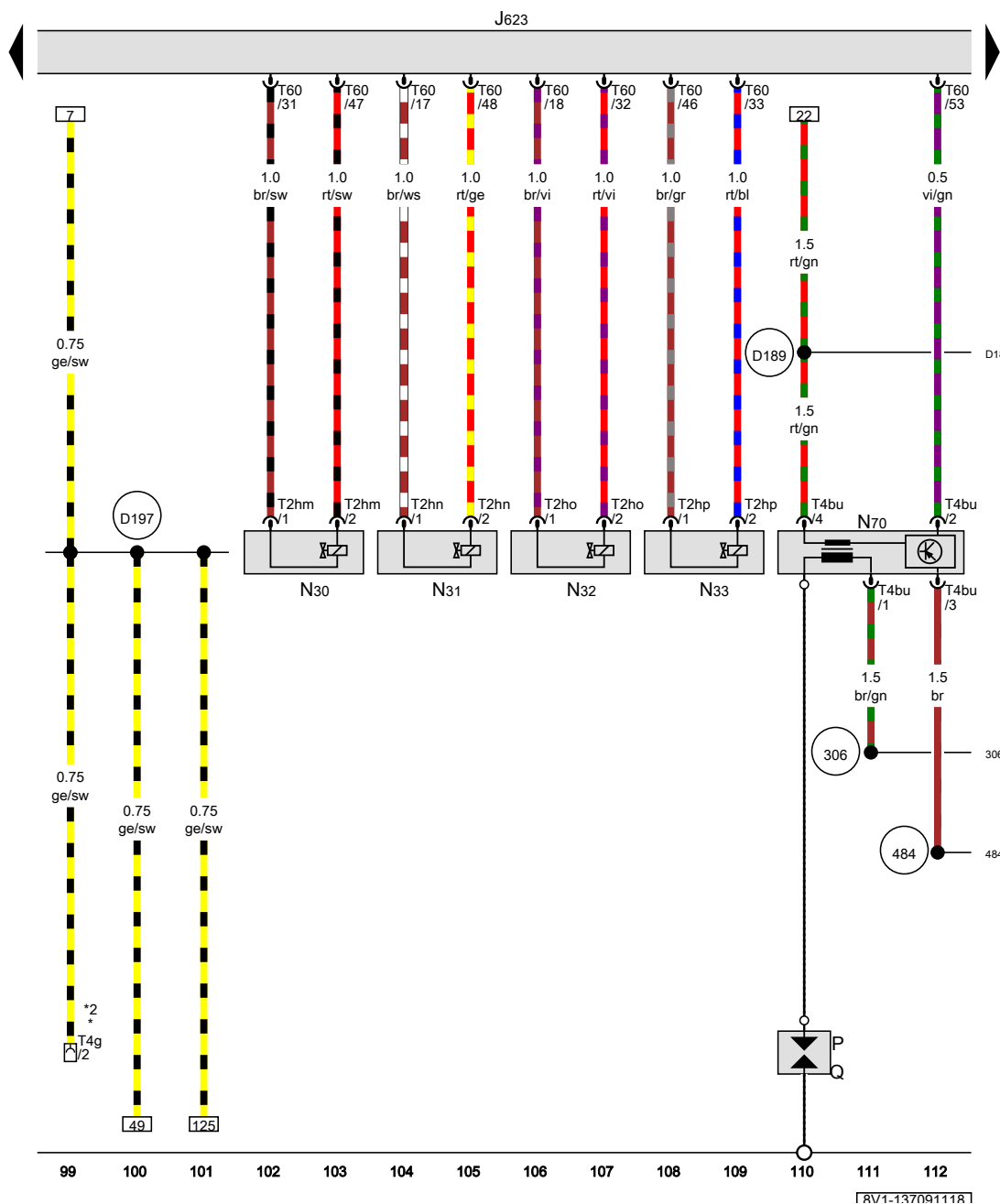


G	Fuel gauge sender
GX1	Fuel delivery unit
G6	Fuel system pressurisation pump
J538	Fuel pump control unit
J623	Engine/motor control unit
T5c	5-pin connector, black
T5d	5-pin connector, black
T17c	17-pin connector, on lower section of left A-pillar, red
T94	94-pin connector, black
51	Earth point, on right in luggage compartment
75	Earth point, rear right pillar
374	Earth connection 9, in main wiring harness
388	Earth connection 23, in main wiring harness
D78	Positive connection 1 (30a), in engine compartment wiring harness
*	For models with 3 doors
*2	For models with 5 doors
*3	see applicable current flow diagram for fuel system
*4	For models with 4 doors
*5	For Cabriolet models



J623	Engine/motor control unit
T4g	4-pin connector, black
T6a	6-pin connector, black
T14	14-pin connector, near front left longitudinal member, grey
T60	60-pin connector, black
T94	94-pin connector, black

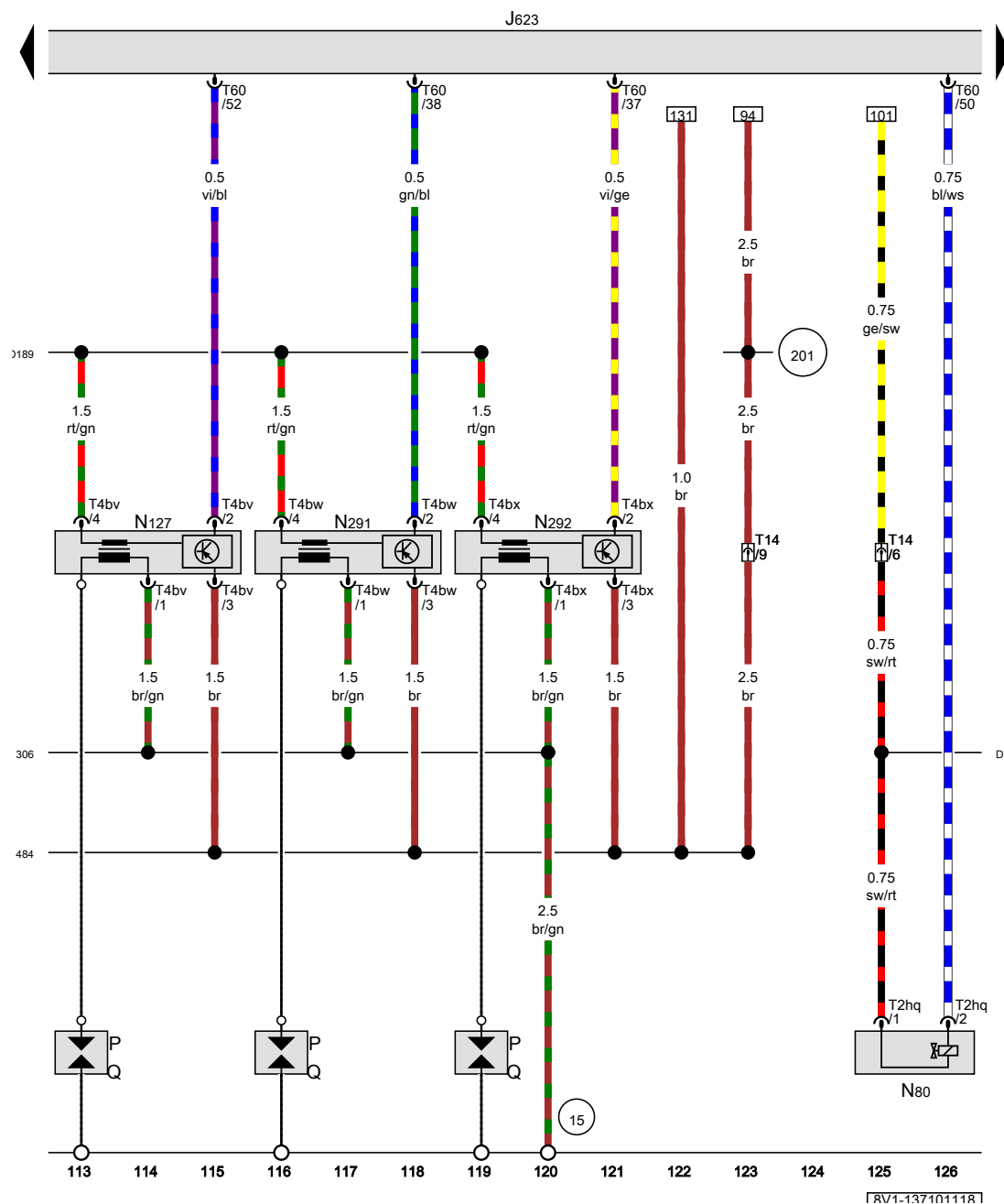
- 85 Earth connection 1, in engine compartment wiring harness
 - 131 Earth connection 2, in engine compartment wiring harness
 - 209 Earth connection 6, in engine compartment wiring harness
 - 419 Earth connection 11, in engine compartment wiring harness
 - 671 Earth point 1, on front of left longitudinal member
 - D183 Connection 4 (87a), in engine compartment wiring harness
 - K21 Connection 1, in radiator fan wiring harness
- * Radiator fan connection
- *2 see applicable current flow diagram for radiator fan
- *3 Wiring colour depends on equipment
- *4 Gradually discontinued
- *5 For models with manual gearbox
- *6 gradual introduction



Engine/motor control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4, Ignition coil 1 with output stage

- J623 Engine/motor control unit
- N30 Injector, cylinder 1
- N31 Injector, cylinder 2
- N32 Injector, cylinder 3
- N33 Injector, cylinder 4
- N70 Ignition coil 1 with output stage
- P Spark plug connector
- Q Spark plugs
- T2hm 2-pin connector, black
- T2hn 2-pin connector, black
- T2ho 2-pin connector, black
- T2hp 2-pin connector, black
- T4bu 4-pin connector, black
- T4g 4-pin connector, black
- T60 60-pin connector, black
- 306 Earth connection (ignition coils), in engine prewiring harness
- 484 Earth connection 2 (ignition coils), in engine prewiring harness
- D189 Connection (87a) in engine prewiring harness
- D197 Connection 5 (87a), in engine compartment wiring harness
- * Radiator fan connection
- *2 see applicable current flow diagram for radiator fan

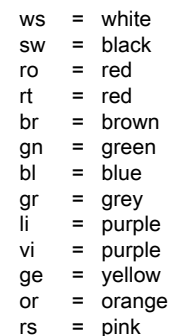
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sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink



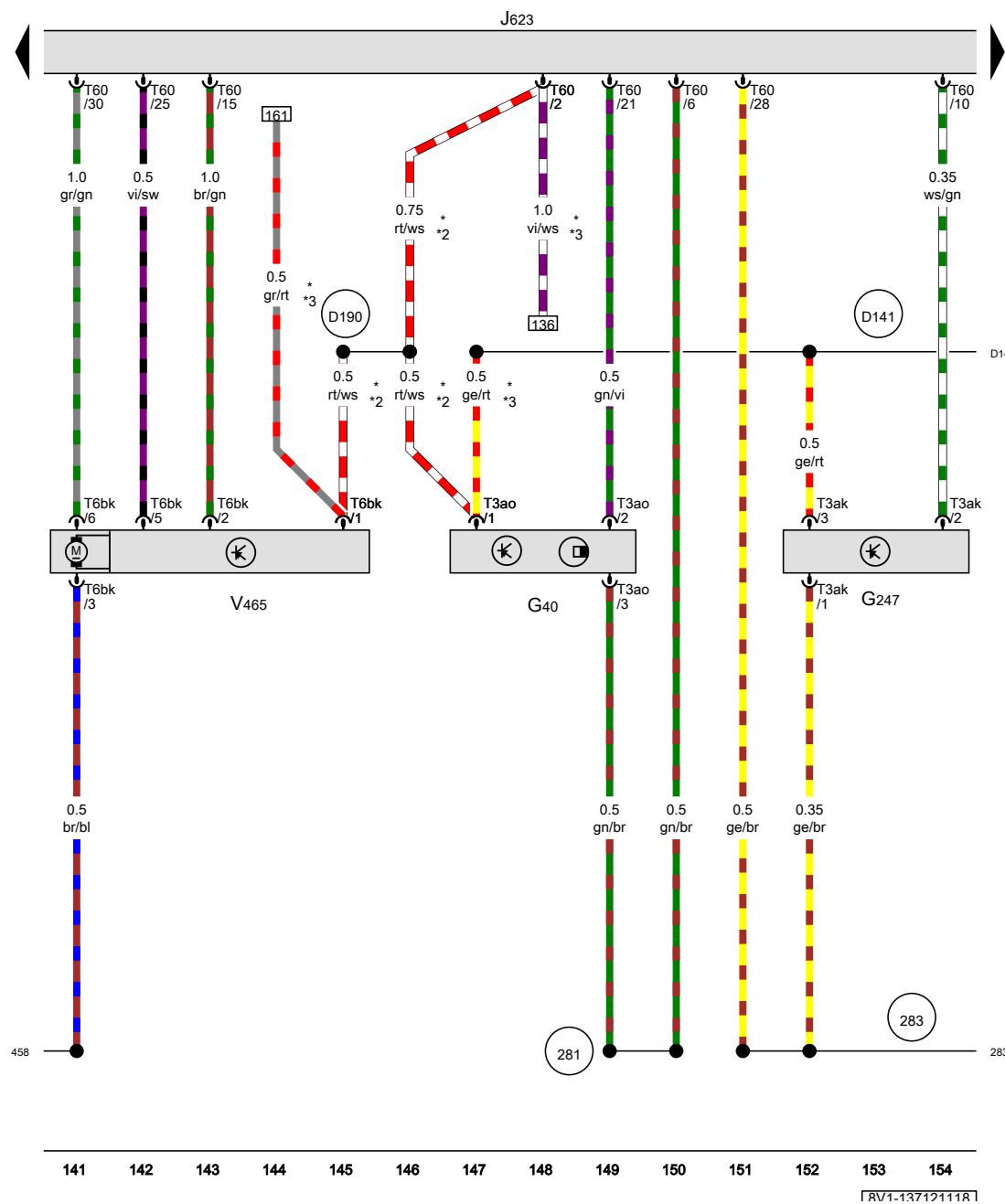
Engine/motor control unit, Activated charcoal filter solenoid valve 1, Ignition coil 2 with output stage, Ignition coil 3 with output stage, Ignition coil 4 with output stage

- J623 Engine/motor control unit
- N80 Activated charcoal filter solenoid valve 1
- N127 Ignition coil 2 with output stage
- N291 Ignition coil 3 with output stage
- N292 Ignition coil 4 with output stage
- P Spark plug connector
- Q Spark plugs
- T2hq 2-pin connector, black
- T4bv 4-pin connector, black
- T4bw 4-pin connector, black
- T4bx 4-pin connector, black
- T14 14-pin connector, near front left longitudinal member, grey
- T60 60-pin connector, black
- 15 Earth point, on cylinder head
- 201 Earth connection 5, in engine compartment wiring harness
- 306 Earth connection (ignition coils), in engine prewiring harness
- 484 Earth connection 2 (ignition coils), in engine prewiring harness
- D189 Connection (87a) in engine prewiring harness
- D196 Connection 2 (87a) in engine prewiring harness

ws = white
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 gr = grey
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 vi = purple
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 or = orange
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G62	Coolant temperature sender
J623	Engine/motor control unit
N205	Camshaft control valve 1
N276	Fuel pressure regulating valve
N428	Valve for oil pressure control
T2hr	2-pin connector, black
T2hs	2-pin connector, black
T2hw	2-pin connector, black
T2ib	2-pin connector, black
T3as	3-pin connector, black
T14	14-pin connector, near front left longitudinal member, grey
T60	60-pin connector, black
V51	Continued coolant circulation pump
458	Earth point 3, engine prewiring harness
D180	Connection (87a), in engine compartment wiring harness
D196	Connection 2 (87a) in engine prewiring harness
D205	Connection 3 (87a) in engine prewiring harness
*	According to equipment
*2	Gradually discontinued
*3	gradual introduction

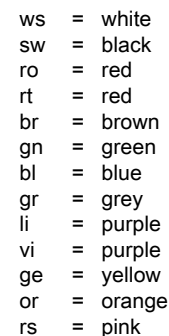


Hall sender, Fuel pressure sender, Engine/motor control unit, Charge pressure positioner

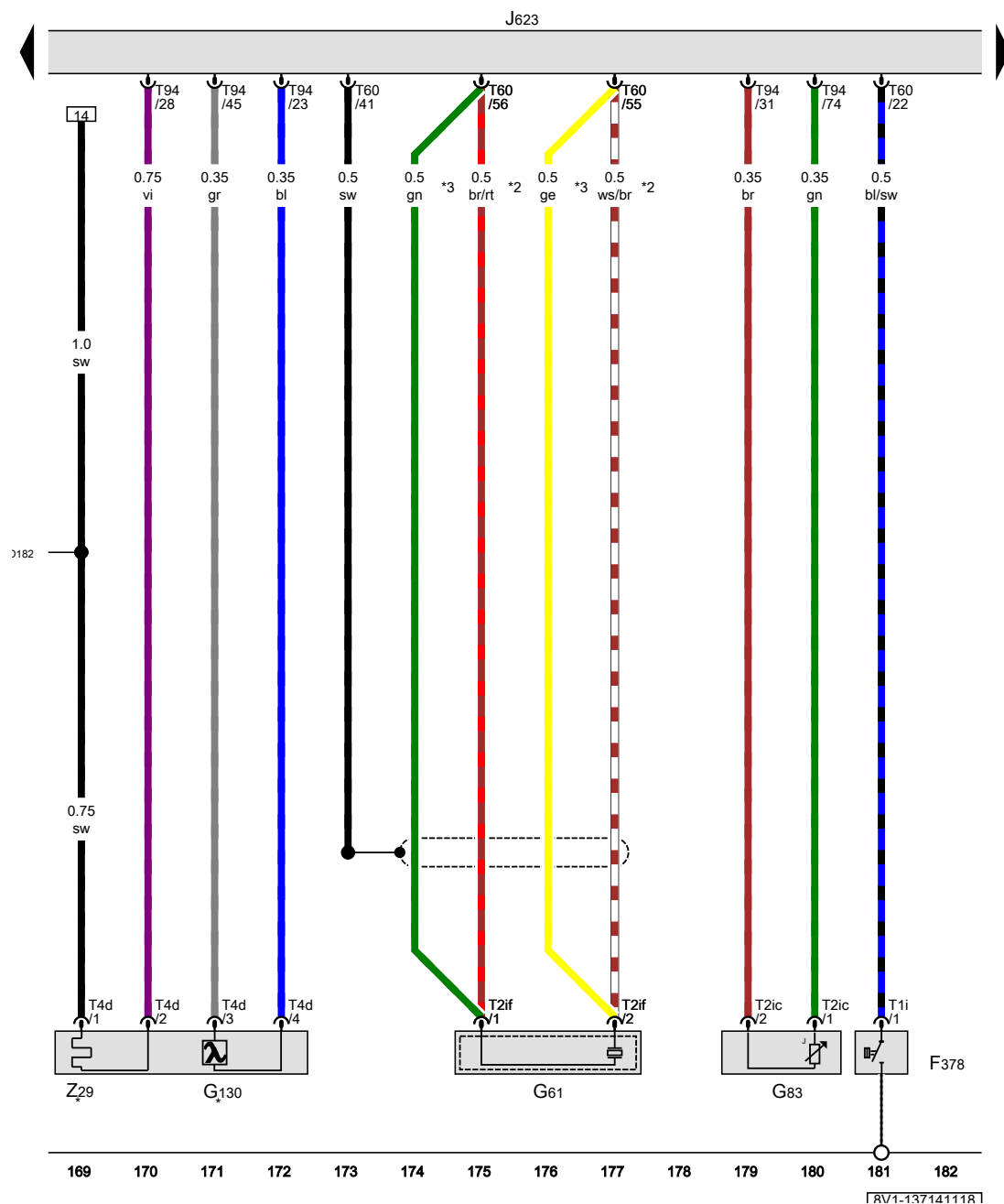
- G40 Hall sender
- G247 Fuel pressure sender
- J623 Engine/motor control unit
- T3ak 3-pin connector, black
- T3ao 3-pin connector, black
- T6bk 6-pin connector, grey
- T60 60-pin connector, black
- V465 Charge pressure positioner

- 281 Earth point 1, engine prewiring harness
- 283 Earth point 2, engine prewiring harness
- 458 Earth point 3, engine prewiring harness
- D141 Connection (5V) in engine prewiring harness
- D190 Connection 3 (5V) in engine prewiring harness

- * According to equipment
- *2 Gradually discontinued
- *3 gradual introduction

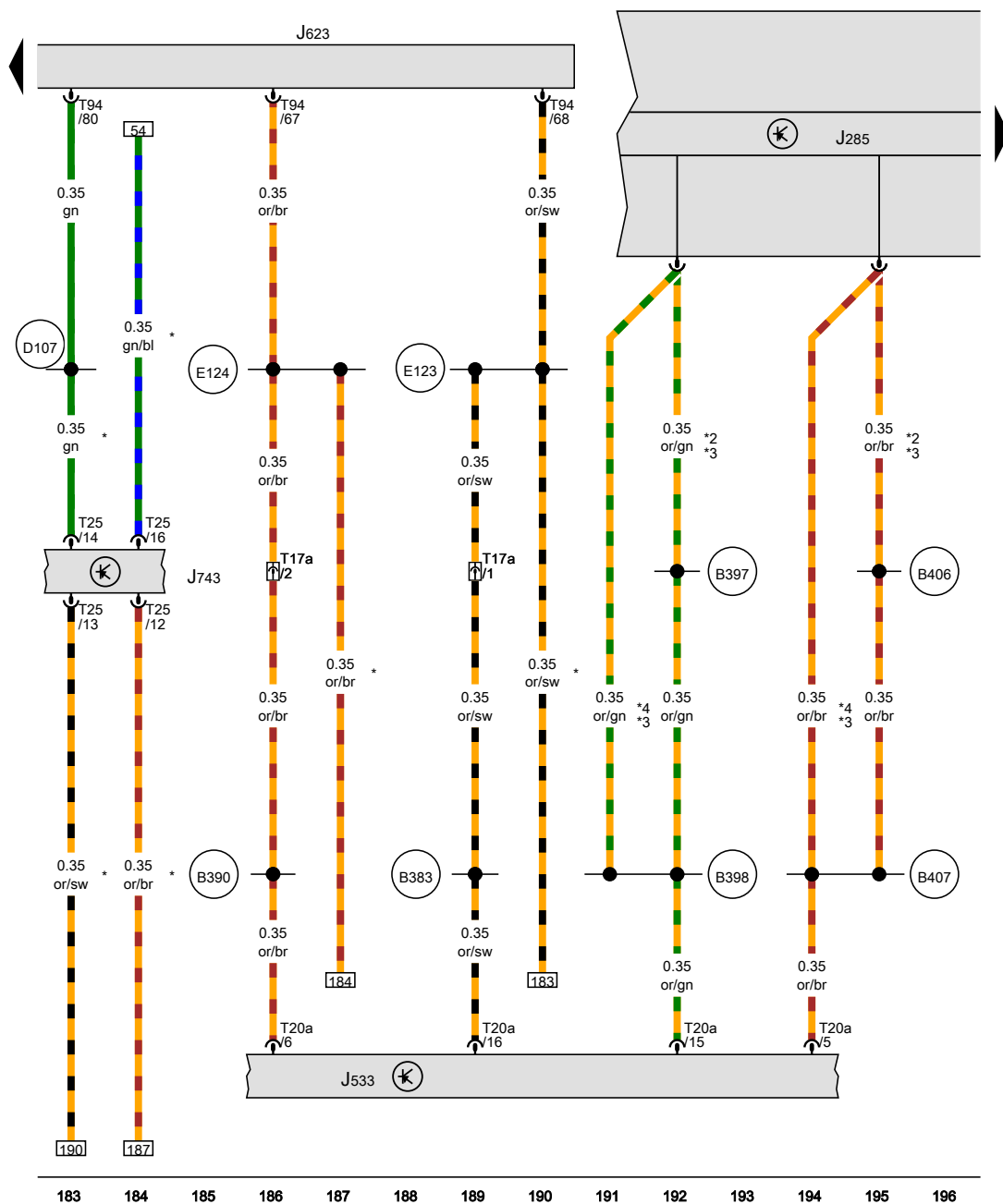


* Pre-wired component
*2 According to equipment
*3 gradual introduction



Oil pressure switch for reduced oil pressure, Knock sensor 1, Radiator outlet coolant temperature sender, Lambda probe after catalytic converter, Engine/motor control unit, Lambda probe 1 heater after catalytic converter

- F378 Oil pressure switch for reduced oil pressure
- G61 Knock sensor 1
- G83 Radiator outlet coolant temperature sender
- G130 Lambda probe after catalytic converter
- J623 Engine/motor control unit
- T1i 1-pin connector, black
- T2ic 2-pin connector, black
- T2if 2-pin connector, black
- T4d 4-pin connector, black
- T60 60-pin connector, black
- T94 94-pin connector, black
- Z29 Lambda probe 1 heater after catalytic converter
- D182 Connection 3 (87a), in engine compartment wiring harness
- * Pre-wired component
- *2 Gradually discontinued
- *3 gradual introduction



ws = white
 sw = black
 ro = red
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 br = brown
 gn = green
 bl = blue
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 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

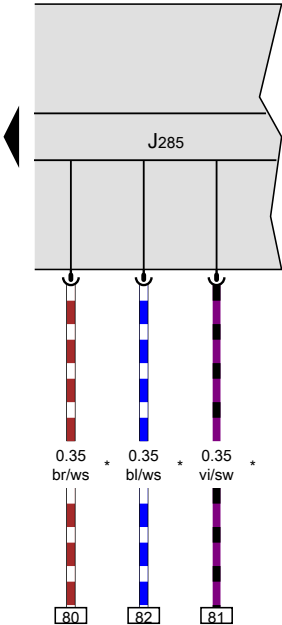
Control unit in dash panel insert, Data bus diagnostic interface, Engine/motor control unit, Mechatronic unit for dual clutch gearbox

- J285 Control unit in dash panel insert
- J533 Data bus diagnostic interface
- J623 Engine/motor control unit
- J743 Mechatronic unit for dual clutch gearbox
- T17a 17-pin connector, on lower section of left A-pillar, black
- T20a 20-pin connector, red
- T25 25-pin connector, black
- T94 94-pin connector, black
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness
- D107 Connection 5 in engine compartment wiring harness
- E123 Connection 1 (powertrain CAN bus, high), in engine wiring harness
- E124 Connection 1 (powertrain CAN bus, low), in engine wiring harness
- * For models with dual clutch gearbox
- *2 For left-hand drive models
- *3 see applicable current flow diagram for dash panel insert
- *4 For right-hand drive models

RV1-137151118

Control unit in dash panel insert

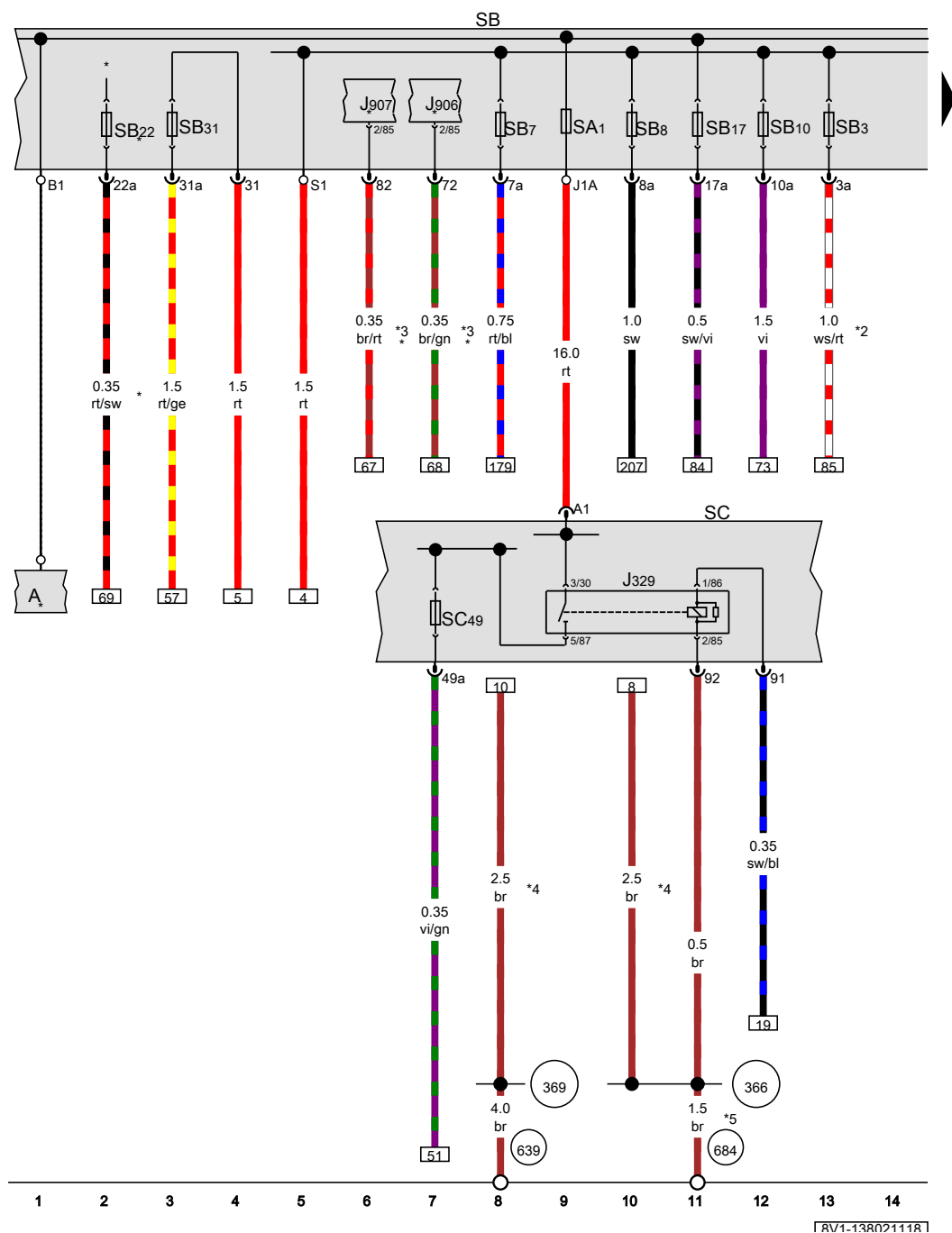
J285 Control unit in dash panel insert
* see applicable current flow diagram for fuel system



- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

1.4l petrol engine , CPTA,CZEA

From October 2015



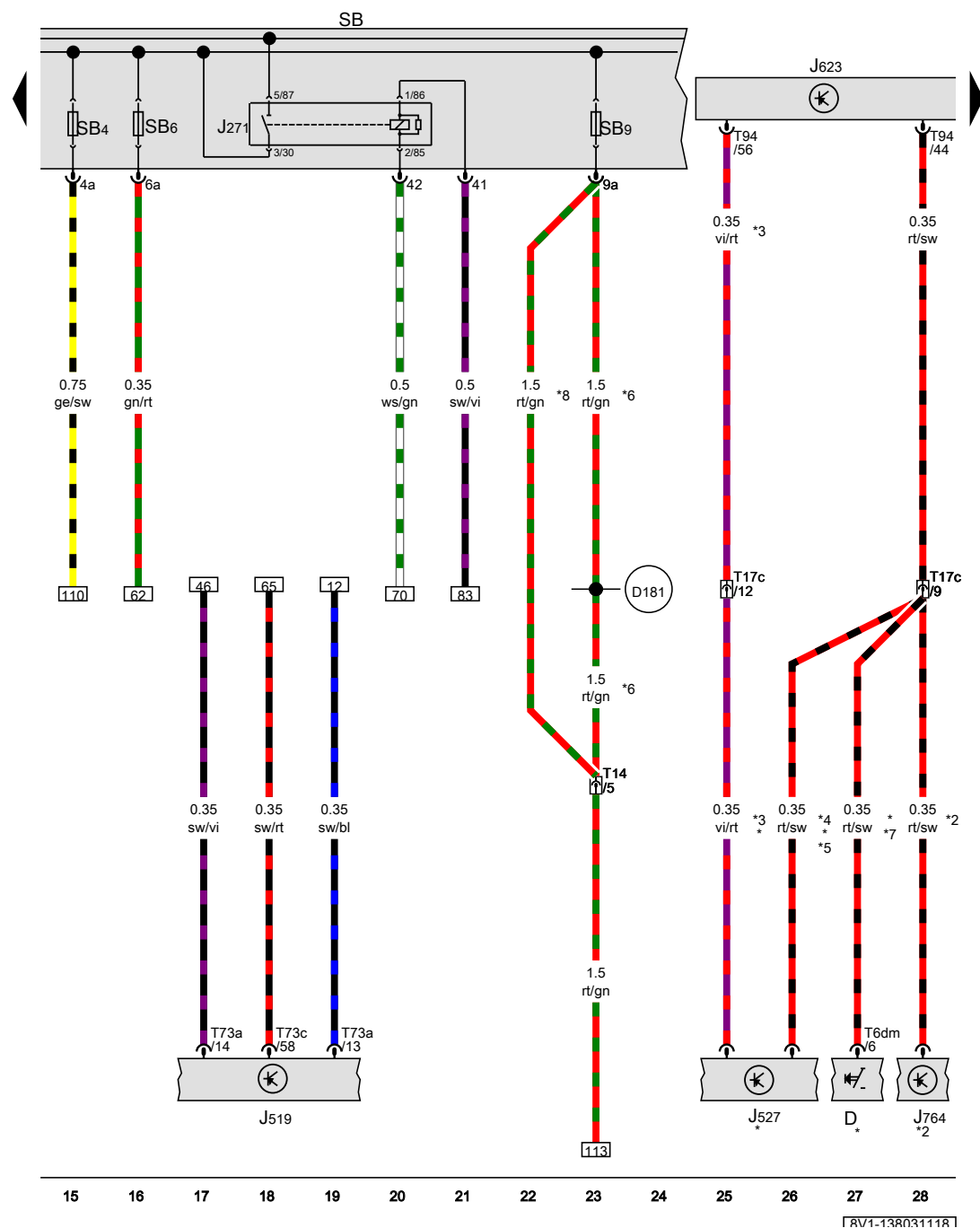
Terminal 15 voltage supply relay, Fuse holder B, Fuse holder C

A	Battery
J329	Terminal 15 voltage supply relay
J906	Starter relay 1
J907	Starter relay 2
SA1	Fuse 1 on fuse holder A
SB	Fuse holder B
SB3	Fuse 3 on fuse holder B
SB7	Fuse 7 on fuse holder B
SB8	Fuse 8 on fuse holder B
SB10	Fuse 10 on fuse holder B
SB17	Fuse 17 on fuse holder B
SB22	Fuse 22 on fuse holder B
SB31	Fuse 31 on fuse holder B
SC	Fuse holder C
SC49	Fuse 49 on fuse holder C

366	Earth connection 1, in main wiring harness
369	Earth connection 4, in main wiring harness
639	Earth point, left A-pillar
684	Earth point on front of left side member

- * see applicable current flow diagram for battery in engine compartment
- *2 Wiring colour depends on equipment
- *3 For models with start/stop system
- *4 For left-hand drive models
- *5 For right-hand drive models

ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= purple
vi	= purple
ge	= yellow
or	= orange
rs	= pink

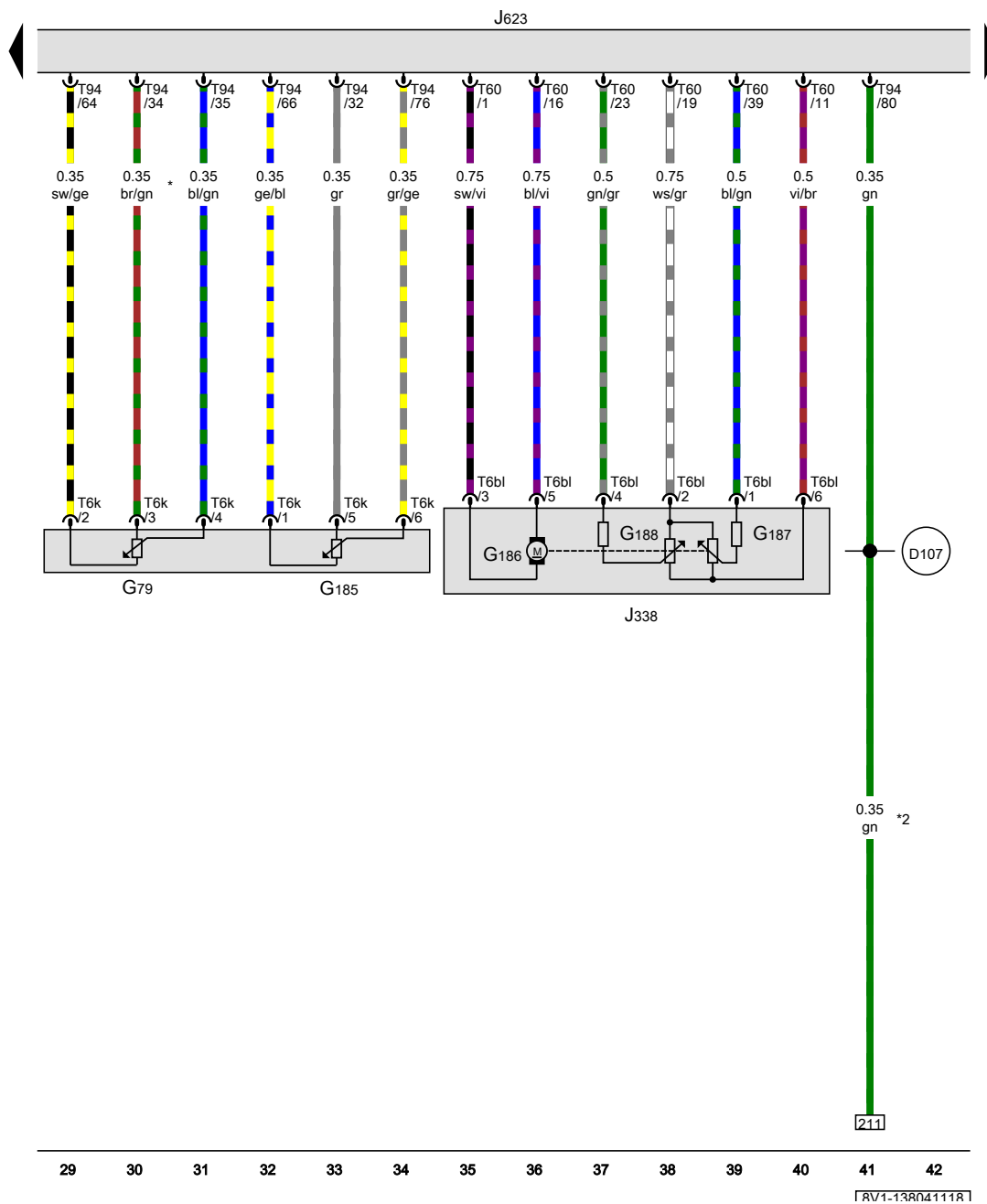


Main relay, Onboard supply control unit, Steering column electronics control unit, Engine/motor control unit, Fuse holder B

- D Ignition/starter switch
- J271 Main relay
- J519 Onboard supply control unit
- J527 Steering column electronics control unit
- J623 Engine/motor control unit
- J764 Control unit for electronic steering column lock
- SB Fuse holder B
- SB4 Fuse 4 on fuse holder B
- SB6 Fuse 6 on fuse holder B
- SB9 Fuse 9 on fuse holder B
- T6dm 6-pin connector, black
- T14 14-pin connector, near front left longitudinal member, grey
- T17c 17-pin connector, on lower section of left A-pillar, red
- T73a 73-pin connector, black
- T73c 73-pin connector, black
- T94 94-pin connector, black

D181 Connection 2 (87a), in engine compartment wiring harness

- * see applicable current flow diagram for steering column electronics
- *2 see applicable current flow diagram for entry and start authorisation
- *3 For models with cruise control system (CCS)
- *4 For models with no entry and start authorisation
- *5 Up to June 2018
- *6 Gradually discontinued
- *7 From July 2018
- *8 gradual introduction



Accelerator position sender, Accelerator position sender 2, Throttle valve module, Engine/motor control unit

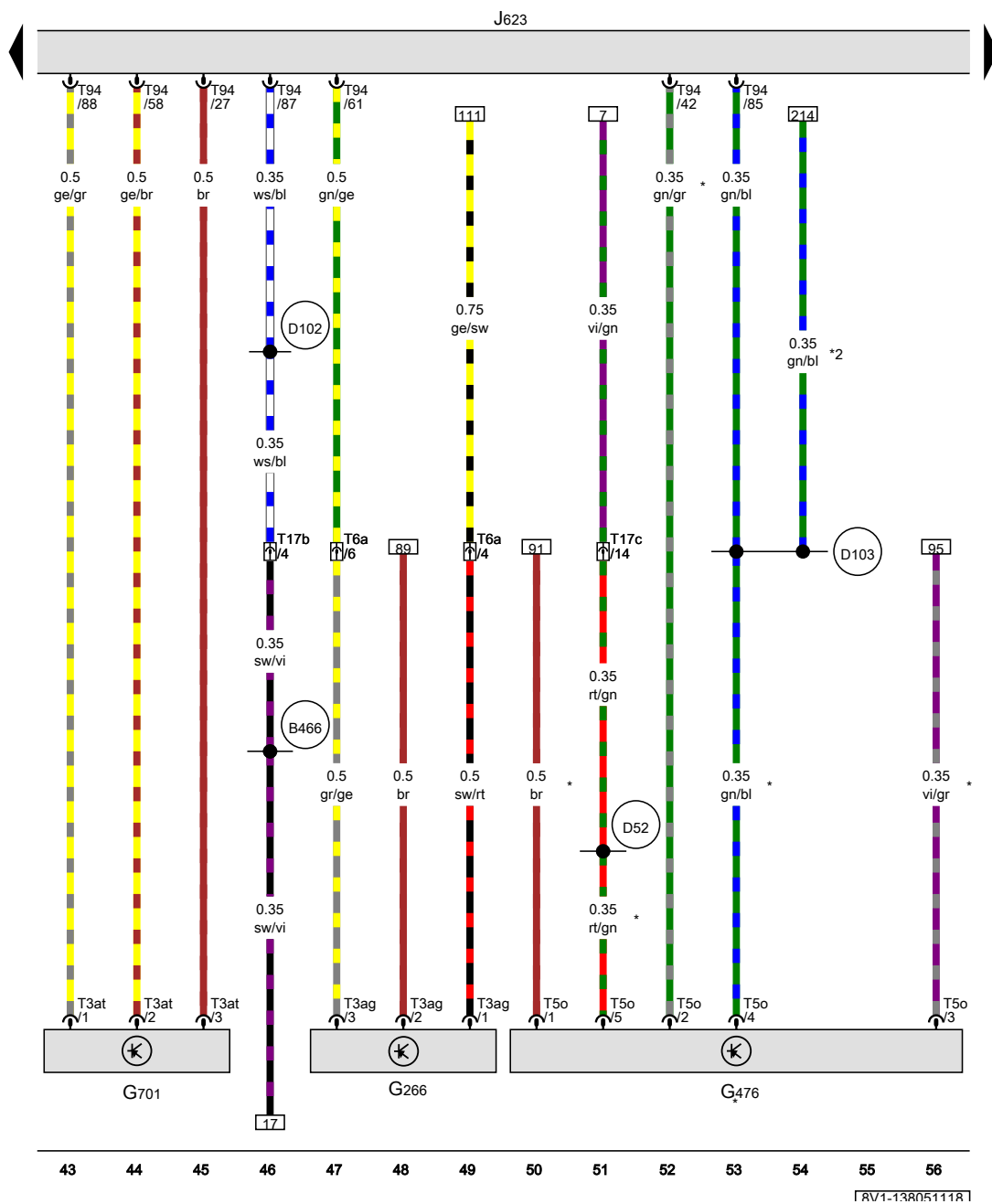
- G79 Accelerator position sender
- G185 Accelerator position sender 2
- G186 Throttle valve drive for electric throttle
- G187 Throttle valve drive angle sender 1 for electric throttle
- G188 Throttle valve drive angle sender 2 for electric throttle
- J338 Throttle valve module
- J623 Engine/motor control unit
- T6bl 6-pin connector, black
- T6k 6-pin connector, black
- T60 60-pin connector, black
- T94 94-pin connector, black

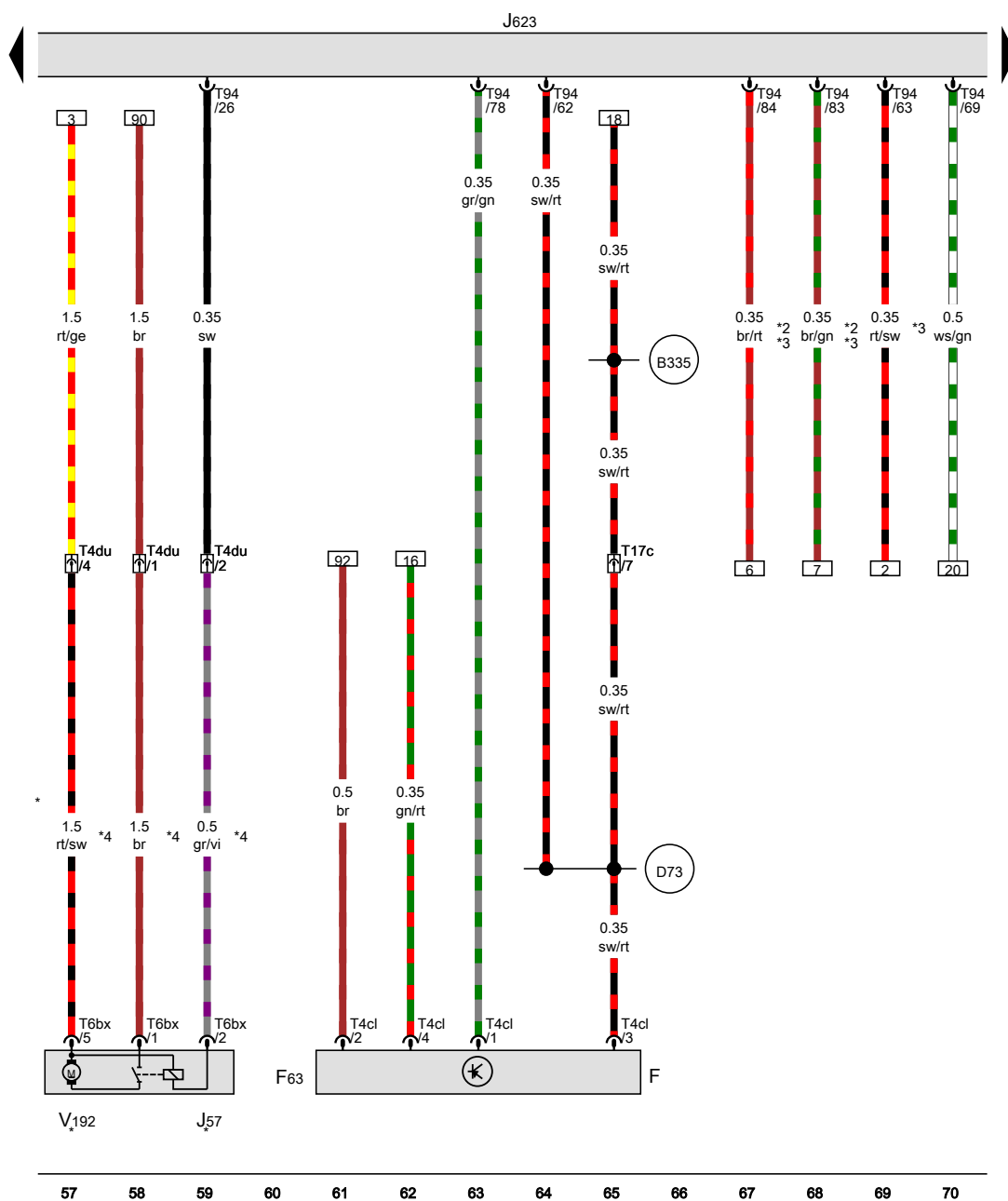
D107 Connection 5 in engine compartment wiring harness

- * Wiring colour depends on equipment
- *2 For models with dual clutch gearbox

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
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- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
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- rs = pink

Oil level and oil temperature sender, Clutch position sender, Gearbox neutral position sender, Engine/motor control unit

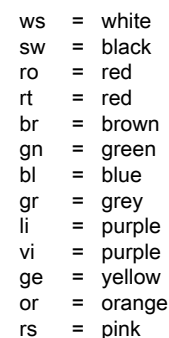




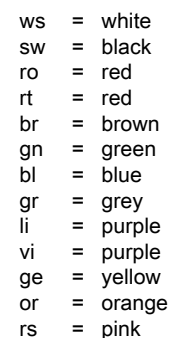
Brake light switch, Engine/motor control unit

- F Brake light switch
- F63 Brake pedal switch
- J57 Vacuum pump relay
- J623 Engine/motor control unit
- T4cl 4-pin connector, black
- T4du 4-pin connector, black
- T6bx 6-pin connector, black
- T17c 17-pin connector, on lower section of left A-pillar, red
- T94 94-pin connector, black
- V192 Vacuum pump for brakes
- B335 Connection 1 (54), in main wiring harness
- D73 Positive connection (54), in engine compartment wiring harness
- * For models with equipment for Japan
- *2 For models with start/stop system
- *3 see applicable current flow diagram for battery in engine compartment
- *4 Wiring colour depends on equipment

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



G	Fuel gauge sender
GX1	Fuel delivery unit
G6	Fuel system pressurisation pump
J538	Fuel pump control unit
J623	Engine/motor control unit
T5c	5-pin connector, black
T5d	5-pin connector, black
T17c	17-pin connector, on lower section of left A-pillar, red
T94	94-pin connector, black
51	Earth point, on right in luggage compartment
75	Earth point, rear right pillar
374	Earth connection 9, in main wiring harness
388	Earth connection 23, in main wiring harness
D78	Positive connection 1 (30a), in engine compartment wiring harness
*	For models with 3 doors
*2	For models with 5 doors
*3	see applicable current flow diagram for fuel system
*4	For models with 4 doors
*5	For Cabriolet models

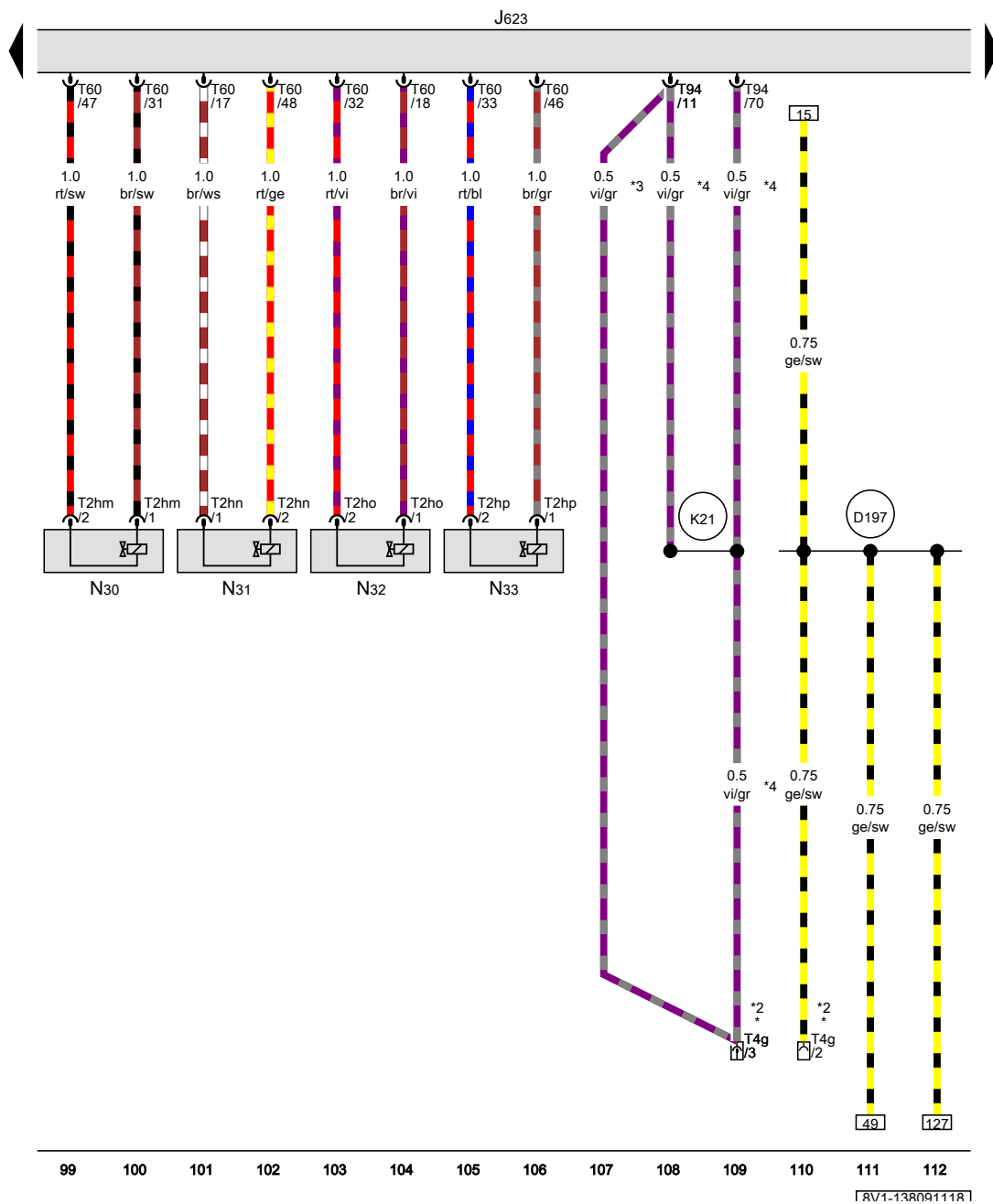


G608	Vacuum sender
J104	ABS control unit
J623	Engine/motor control unit
T3aa	3-pin connector, black
T6a	6-pin connector, black
T46a	46-pin connector, black
T94	94-pin connector, black

- 85 Earth connection 1, in engine compartment wiring harness
- 131 Earth connection 2, in engine compartment wiring harness
- 209 Earth connection 6, in engine compartment wiring harness
- 419 Earth connection 11, in engine compartment wiring harness
- 671 Earth point 1, on front of left longitudinal member
- D183 Connection 4 (87a), in engine compartment wiring harness

* Wiring colour depends on equipment
*2 For models with manual gearbox

Engine/motor control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4



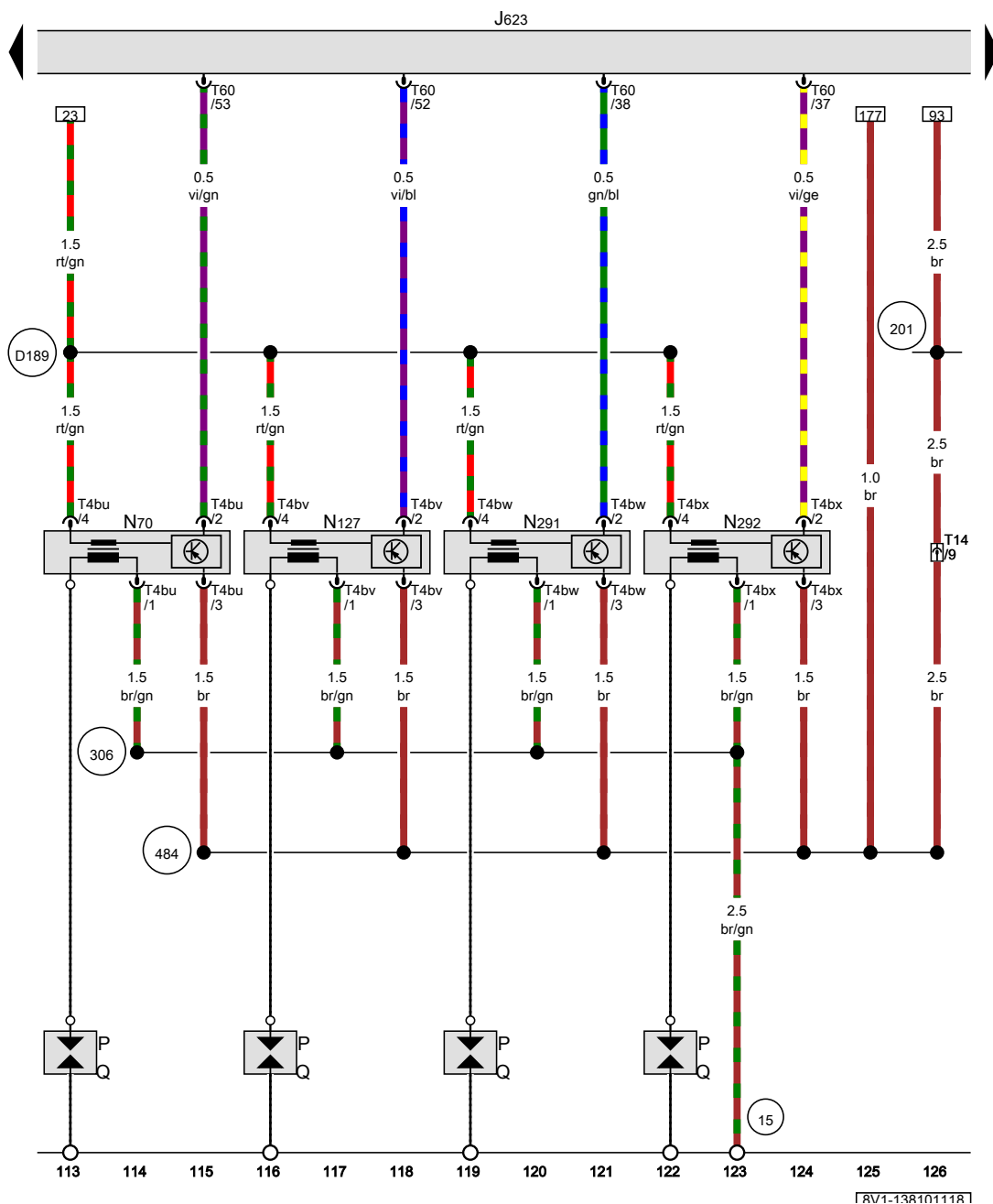
- J623 Engine/motor control unit
- N30 Injector, cylinder 1
- N31 Injector, cylinder 2
- N32 Injector, cylinder 3
- N33 Injector, cylinder 4
- T2hm 2-pin connector, black
- T2hn 2-pin connector, black
- T2ho 2-pin connector, black
- T2hp 2-pin connector, black
- T4g 4-pin connector, black
- T60 60-pin connector, black
- T94 94-pin connector, black

D197 Connection 5 (87a), in engine compartment wiring harness

K21 Connection 1, in radiator fan wiring harness

- * Radiator fan connection
- *2 see applicable current flow diagram for radiator fan
- *3 Gradually discontinued
- *4 gradual introduction

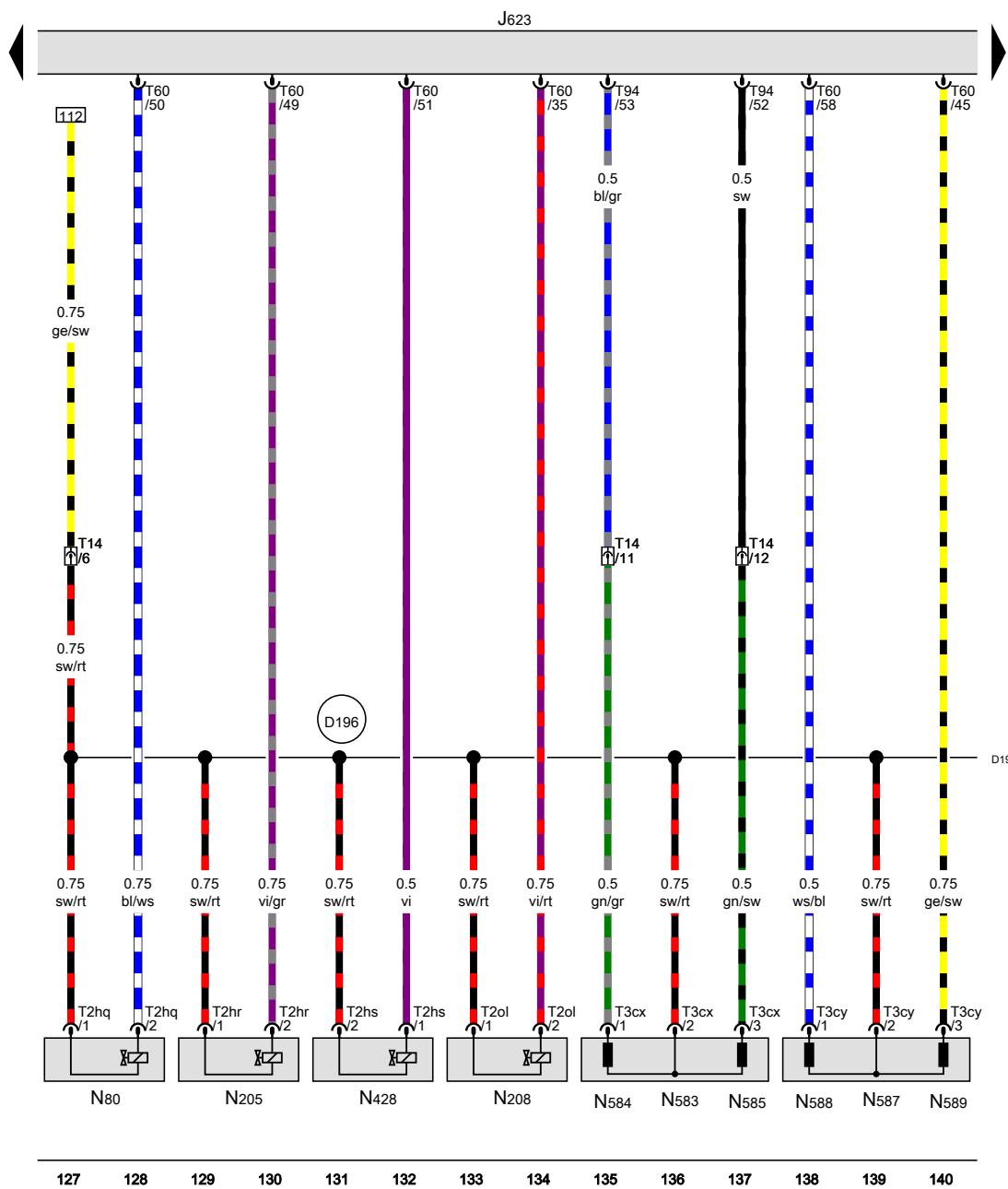
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- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



Engine/motor control unit, Ignition coil 1 with output stage, Ignition coil 2 with output stage, Ignition coil 3 with output stage, Ignition coil 4 with output stage

- J623 Engine/motor control unit
- N70 Ignition coil 1 with output stage
- N127 Ignition coil 2 with output stage
- N291 Ignition coil 3 with output stage
- N292 Ignition coil 4 with output stage
- P Spark plug connector
- Q Spark plugs
- T4bu 4-pin connector, black
- T4bv 4-pin connector, black
- T4bw 4-pin connector, black
- T4bx 4-pin connector, black
- T14 14-pin connector, near front left longitudinal member, grey
- T60 60-pin connector, black
- 15 Earth point, on cylinder head
- 201 Earth connection 5, in engine compartment wiring harness
- 306 Earth connection (ignition coils), in engine prewiring harness
- 484 Earth connection 2 (ignition coils), in engine prewiring harness
- D189 Connection (87a) in engine prewiring harness

ws = white
 sw = black
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 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
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 rs = pink

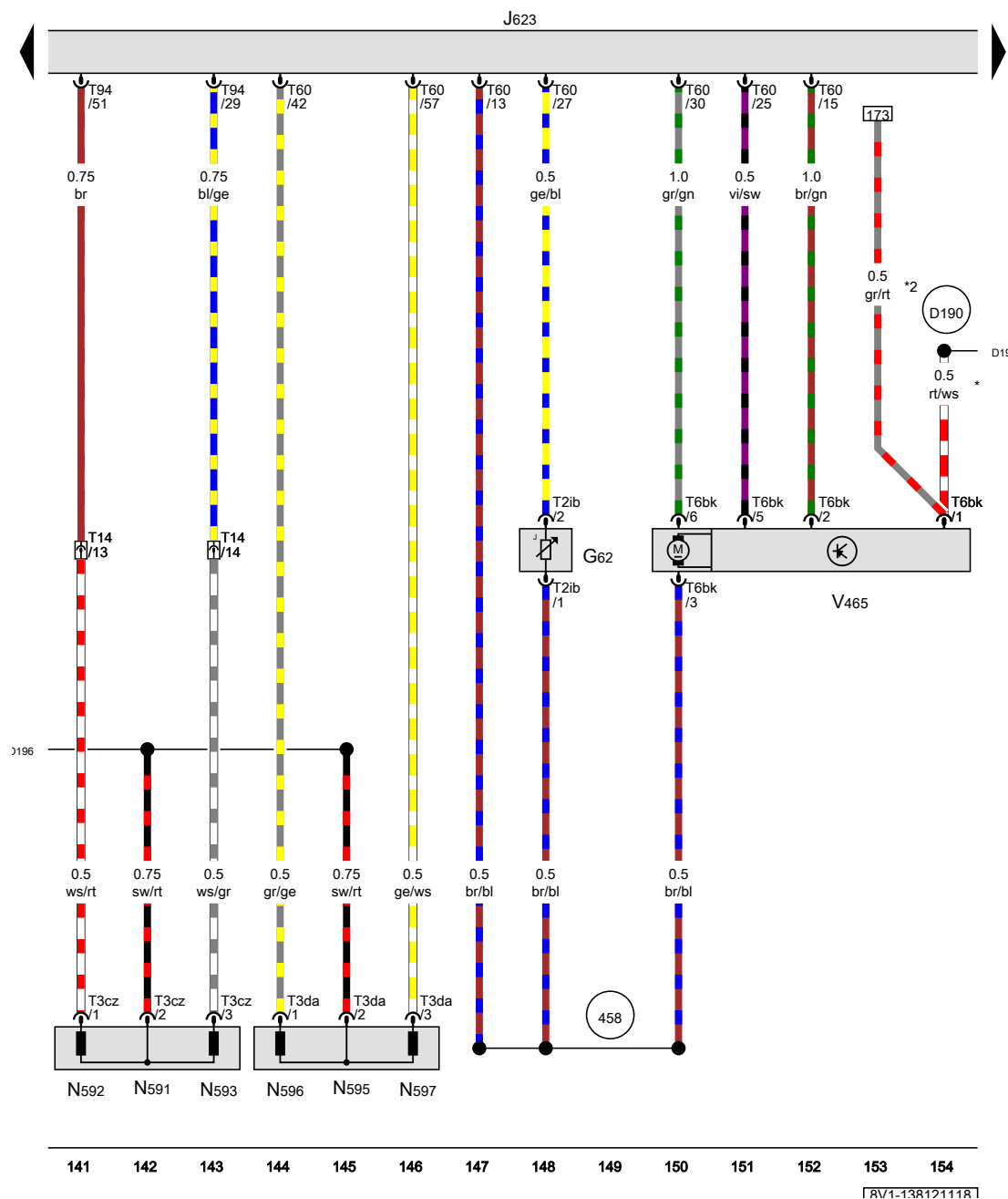


Engine/motor control unit, Activated charcoal filter solenoid valve 1, Camshaft control valve 1, Camshaft control valve 2, Valve for oil pressure control, Inlet cam actuator for cylinder 2, Exhaust cam actuator for cylinder 2

- J623 Engine/motor control unit
- N80 Activated charcoal filter solenoid valve 1
- N205 Camshaft control valve 1
- N208 Camshaft control valve 2
- N428 Valve for oil pressure control
- N583 Inlet cam actuator for cylinder 2
- N584 Inlet cam actuator A for cylinder 2
- N585 Inlet cam actuator B for cylinder 2
- N587 Exhaust cam actuator for cylinder 2
- N588 Exhaust cam actuator A for cylinder 2
- N589 Exhaust cam actuator B for cylinder 2
- T2hq 2-pin connector, black
- T2hr 2-pin connector, black
- T2hs 2-pin connector, black
- T2ol 2-pin connector, black
- T3cx 3-pin connector, black
- T3cy 3-pin connector, black
- T14 14-pin connector, near front left longitudinal member, grey
- T60 60-pin connector, black
- T94 94-pin connector, black
- D196 Connection 2 (87a) in engine prewiring harness

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
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- vi = purple
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RV1-138111118



Coolant temperature sender, Engine/motor control unit, Inlet cam actuator for cylinder 3, Exhaust cam actuator for cylinder 3, Charge pressure positioner

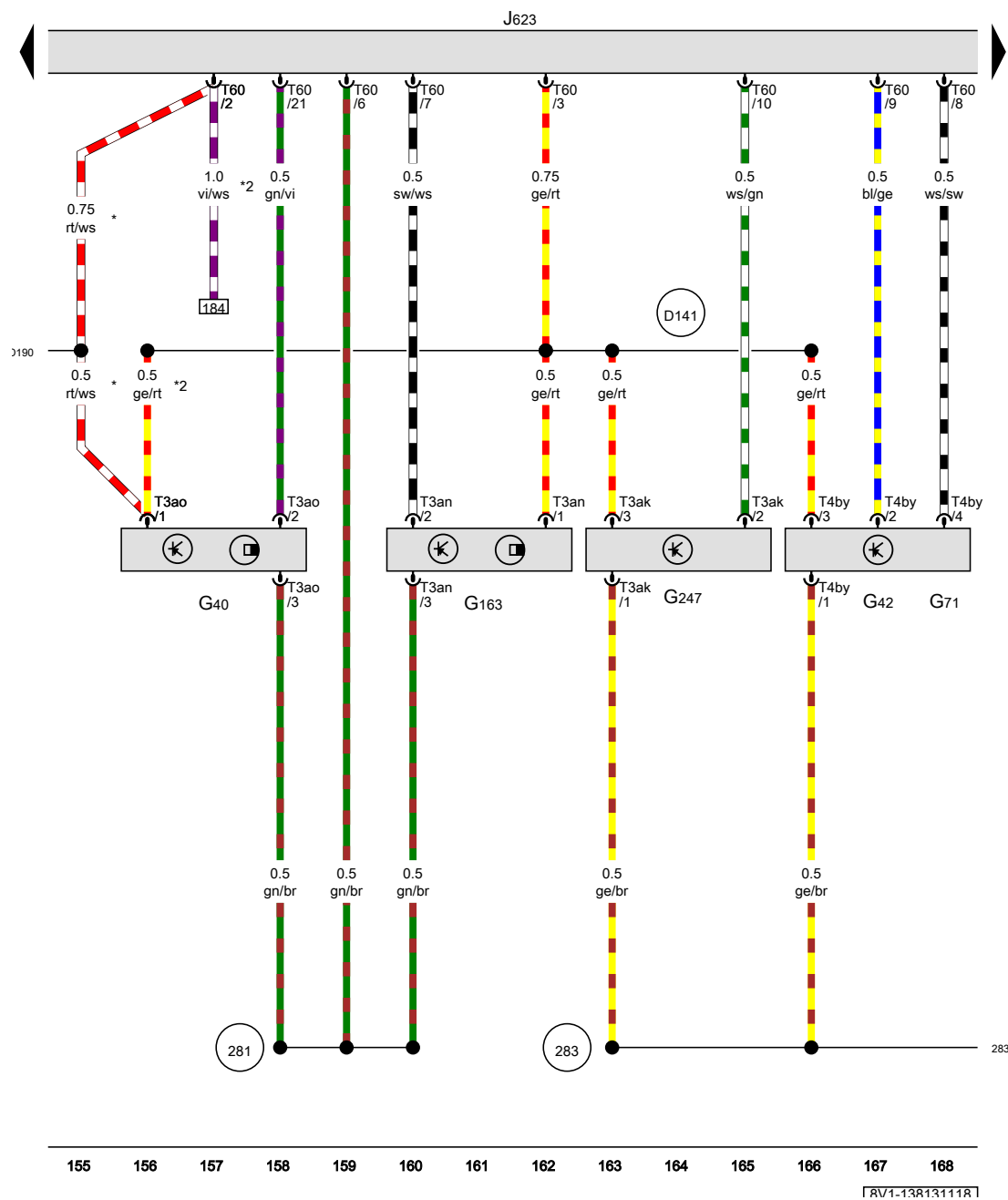
- G62 Coolant temperature sender
- J623 Engine/motor control unit
- N591 Inlet cam actuator for cylinder 3
- N592 Inlet cam actuator A for cylinder 3
- N593 Inlet cam actuator B for cylinder 3
- N595 Exhaust cam actuator for cylinder 3
- N596 Exhaust cam actuator A for cylinder 3
- N597 Exhaust cam actuator B for cylinder 3
- T2ib 2-pin connector, black
- T3cz 3-pin connector, black
- T3da 3-pin connector, black
- T6bk 6-pin connector, grey
- T14 14-pin connector, near front left longitudinal member, grey
- T60 60-pin connector, black
- T94 94-pin connector, black
- V465 Charge pressure positioner

458 Earth point 3, engine prewiring harness

D190 Connection 3 (5V) in engine prewiring harness

D196 Connection 2 (87a) in engine prewiring harness

* Gradually discontinued
*2 gradual introduction



Hall sender, Intake air temperature sender, Intake manifold pressure sender, Hall sender 2, Fuel pressure sender, Engine/motor control unit

- G40 Hall sender
- G42 Intake air temperature sender
- G71 Intake manifold pressure sender
- G163 Hall sender 2
- G247 Fuel pressure sender
- J623 Engine/motor control unit
- T3ak 3-pin connector, black
- T3an 3-pin connector, black
- T3ao 3-pin connector, black
- T4by 4-pin connector, black
- T60 60-pin connector, black

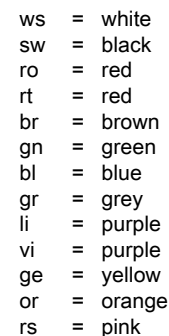
281 Earth point 1, engine prewiring harness

283 Earth point 2, engine prewiring harness

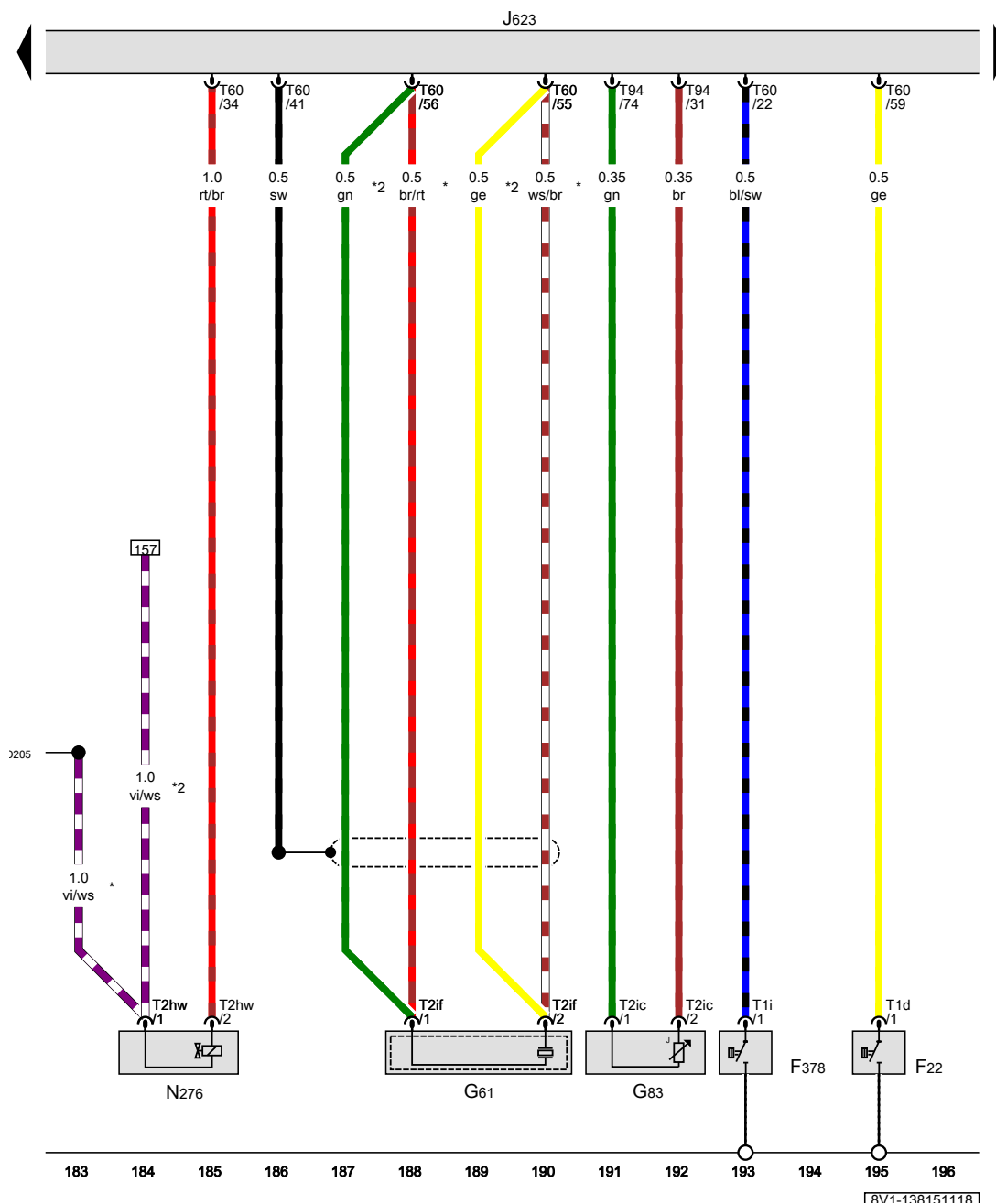
D141 Connection (5V) in engine prewiring harness

D190 Connection 3 (5V) in engine prewiring harness

* Gradually discontinued
*2 gradual introduction

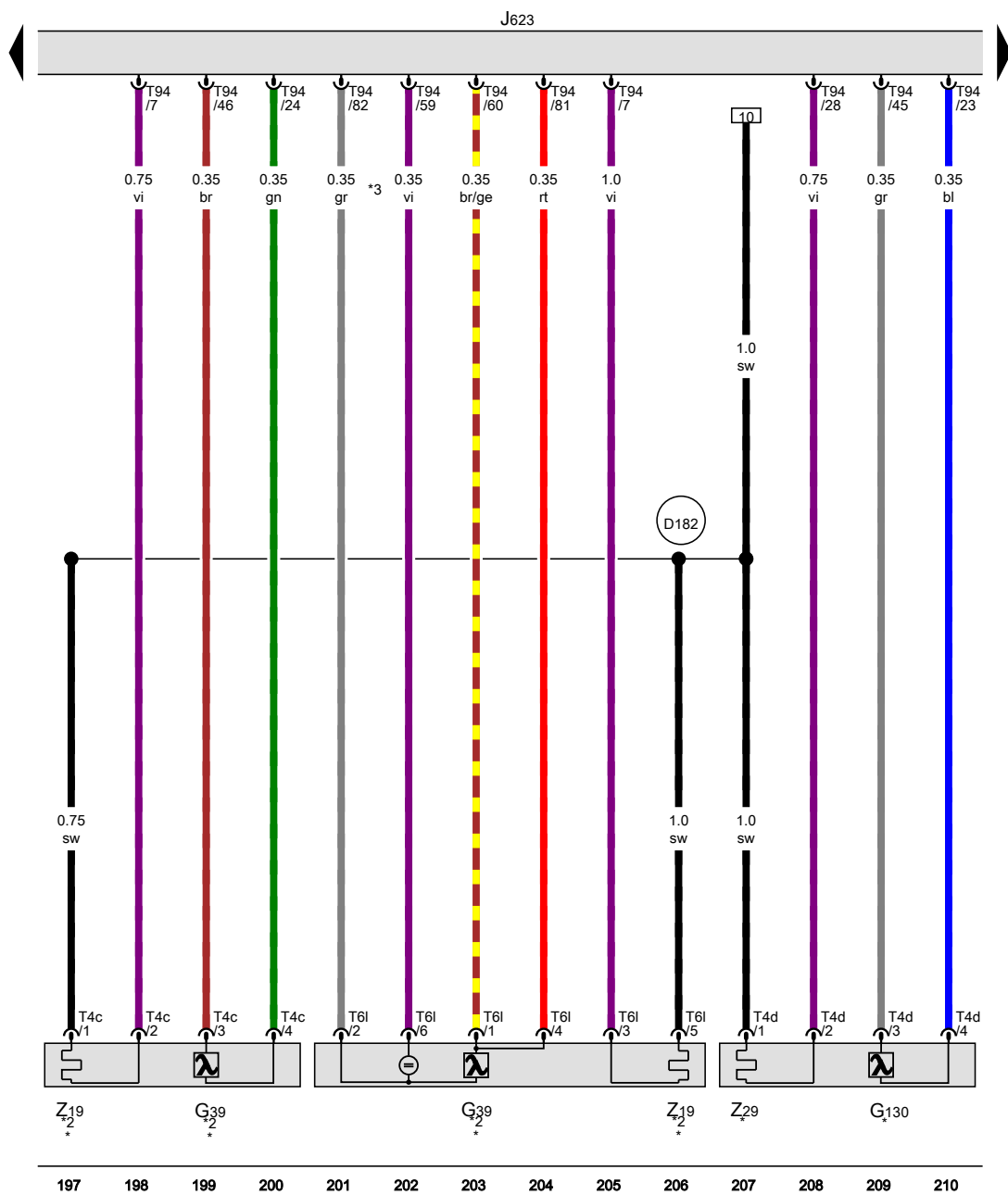


G28	Engine speed sender
G31	Charge pressure sender
G299	Intake air temperature sender 2
J623	Engine/motor control unit
N180	Changeover valve
T20q	2-pin connector, black
T3al	3-pin connector, black
T3as	3-pin connector, black
T4bz	4-pin connector, black
T14	14-pin connector, near front left longitudinal member, grey
T60	60-pin connector, black
V51	Continued coolant circulation pump
283	Earth point 2, engine prewiring harness
D174	Connection 2 (5V) in engine prewiring harness
D180	Connection (87a), in engine compartment wiring harness
D205	Connection 3 (87a) in engine prewiring harness
*	If fitted
*2	Gradually discontinued
*3	gradual introduction



Oil pressure switch, Oil pressure switch for reduced oil pressure, Knock sensor 1, Radiator outlet coolant temperature sender, Engine/motor control unit, Fuel pressure regulating valve

- F22 Oil pressure switch
- F378 Oil pressure switch for reduced oil pressure
- G61 Knock sensor 1
- G83 Radiator outlet coolant temperature sender
- J623 Engine/motor control unit
- N276 Fuel pressure regulating valve
- T1d 1-pin connector, black
- T1i 1-pin connector, black
- T2hw 2-pin connector, black
- T2ic 2-pin connector, black
- T2if 2-pin connector, black
- T60 60-pin connector, black
- T94 94-pin connector, black
- D205 Connection 3 (87a) in engine prewiring harness
- * Gradually discontinued
- *2 gradual introduction

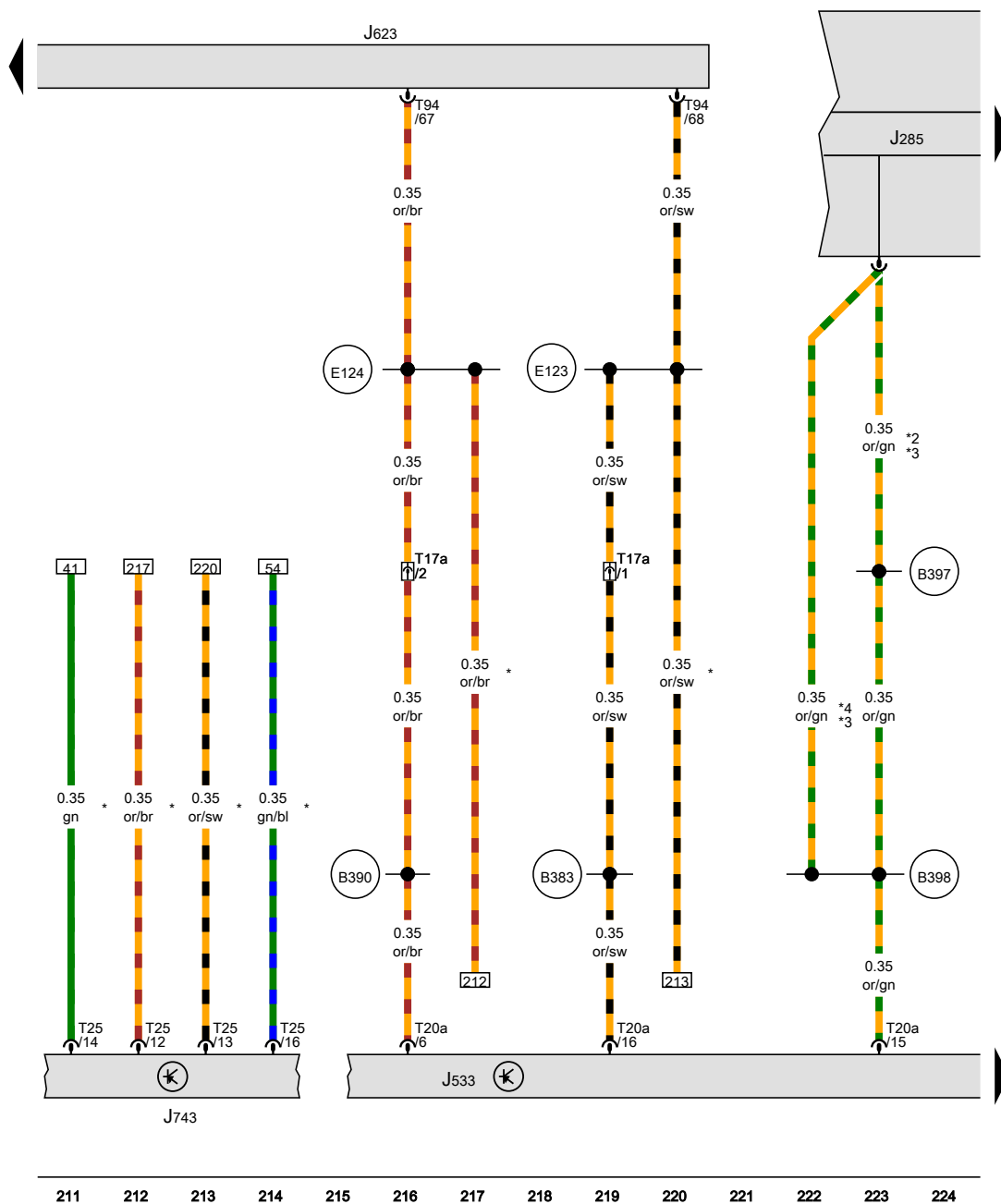


Lambda probe, Lambda probe after catalytic converter, Engine/motor control unit, Lambda probe 1 heater after catalytic converter

- G39 Lambda probe
- G130 Lambda probe after catalytic converter
- J623 Engine/motor control unit
- T4c 4-pin connector, brown
- T4d 4-pin connector, black
- T6l 6-pin connector, black
- T94 94-pin connector, black
- Z19 Lambda probe heater
- Z29 Lambda probe 1 heater after catalytic converter
- D182 Connection 3 (87a), in engine compartment wiring harness
- * Pre-wired component
- *2 According to equipment
- *3 Wiring colour depends on equipment

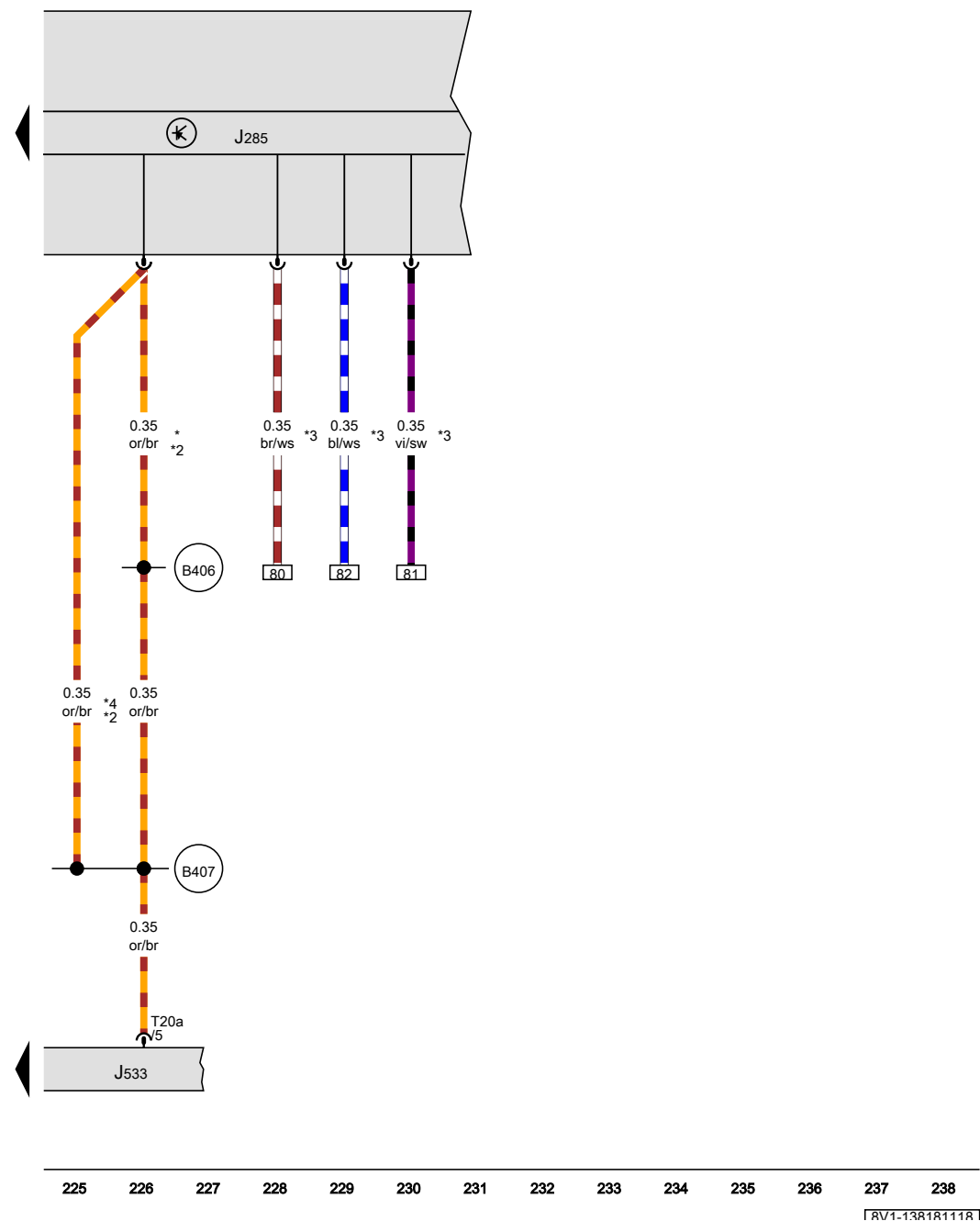
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 gr = grey
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18V1-13R1611181



Control unit in dash panel insert, Data bus diagnostic interface, Engine/motor control unit, Mechatronic unit for dual clutch gearbox

- J285 Control unit in dash panel insert
- J533 Data bus diagnostic interface
- J623 Engine/motor control unit
- J743 Mechatronic unit for dual clutch gearbox
- T17a 17-pin connector, on lower section of left A-pillar, black
- T20a 20-pin connector, red
- T25 25-pin connector, black
- T94 94-pin connector, black
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- E123 Connection 1 (powertrain CAN bus, high), in engine wiring harness
- E124 Connection 1 (powertrain CAN bus, low), in engine wiring harness
- * For models with dual clutch gearbox
- *2 For left-hand drive models
- *3 see applicable current flow diagram for dash panel insert
- *4 For right-hand drive models



Control unit in dash panel insert, Data bus diagnostic interface

J285 Control unit in dash panel insert
J533 Data bus diagnostic interface
T20a 20-pin connector, red

B406 Connection 1 (convenience CAN bus, low), in main wiring harness

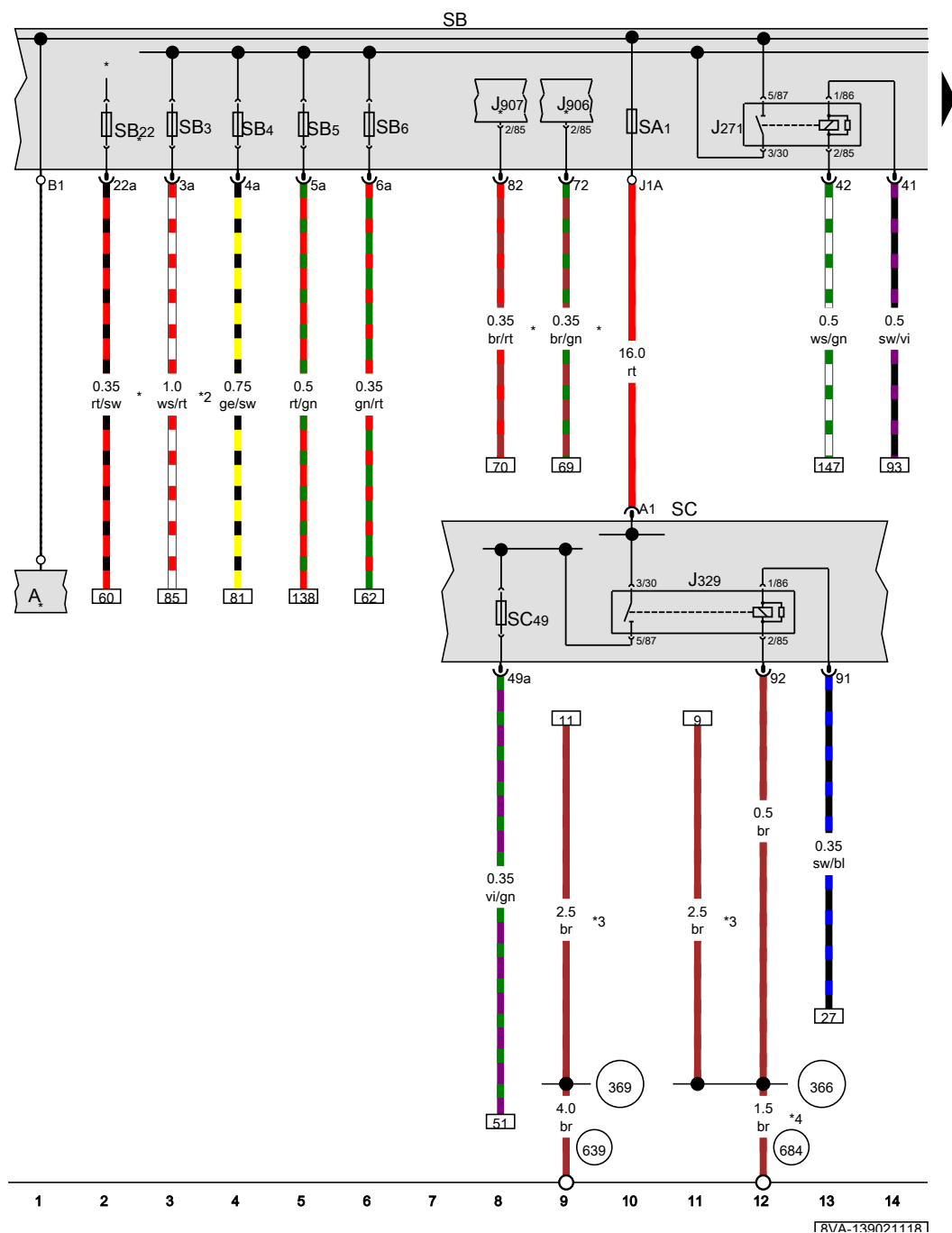
B407 Connection 2 (convenience CAN bus, low), in main wiring harness

* For left-hand drive models
*2 see applicable current flow diagram for dash panel insert
*3 see applicable current flow diagram for fuel system
*4 For right-hand drive models

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

1.4l petrol engine , CPWA

From October 2015

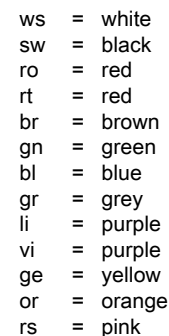


Main relay, Terminal 15 voltage supply relay, Fuse holder B, Fuse holder C

- A Battery
- J271 Main relay
- J329 Terminal 15 voltage supply relay
- J906 Starter relay 1
- J907 Starter relay 2
- SA1 Fuse 1 on fuse holder A
- SB Fuse holder B
- SB3 Fuse 3 on fuse holder B
- SB4 Fuse 4 on fuse holder B
- SB5 Fuse 5 on fuse holder B
- SB6 Fuse 6 on fuse holder B
- SB22 Fuse 22 on fuse holder B
- SC Fuse holder C
- SC49 Fuse 49 on fuse holder C

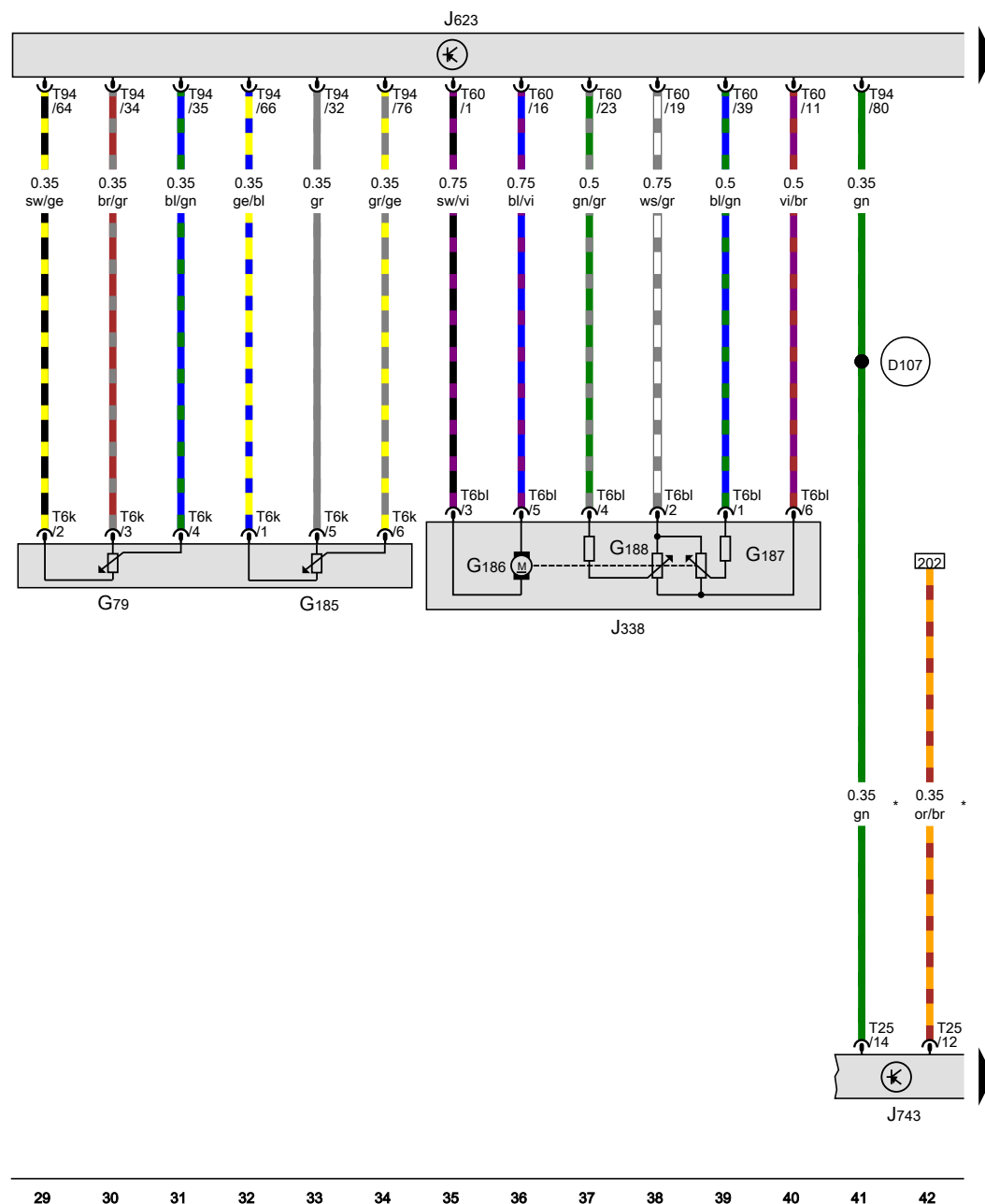
- 366 Earth connection 1, in main wiring harness
- 369 Earth connection 4, in main wiring harness
- 639 Earth point, left A-pillar
- 684 Earth point on front of left side member

- * see applicable current flow diagram for battery in engine compartment
- *2 Wiring colour depends on equipment
- *3 For left-hand drive models
- *4 For right-hand drive models



* Gradually discontinued
*2 gradual introduction

Accelerator position sender, Accelerator position sender 2,
Throttle valve module, Engine/motor control unit,
Mechatronic unit for dual clutch gearbox

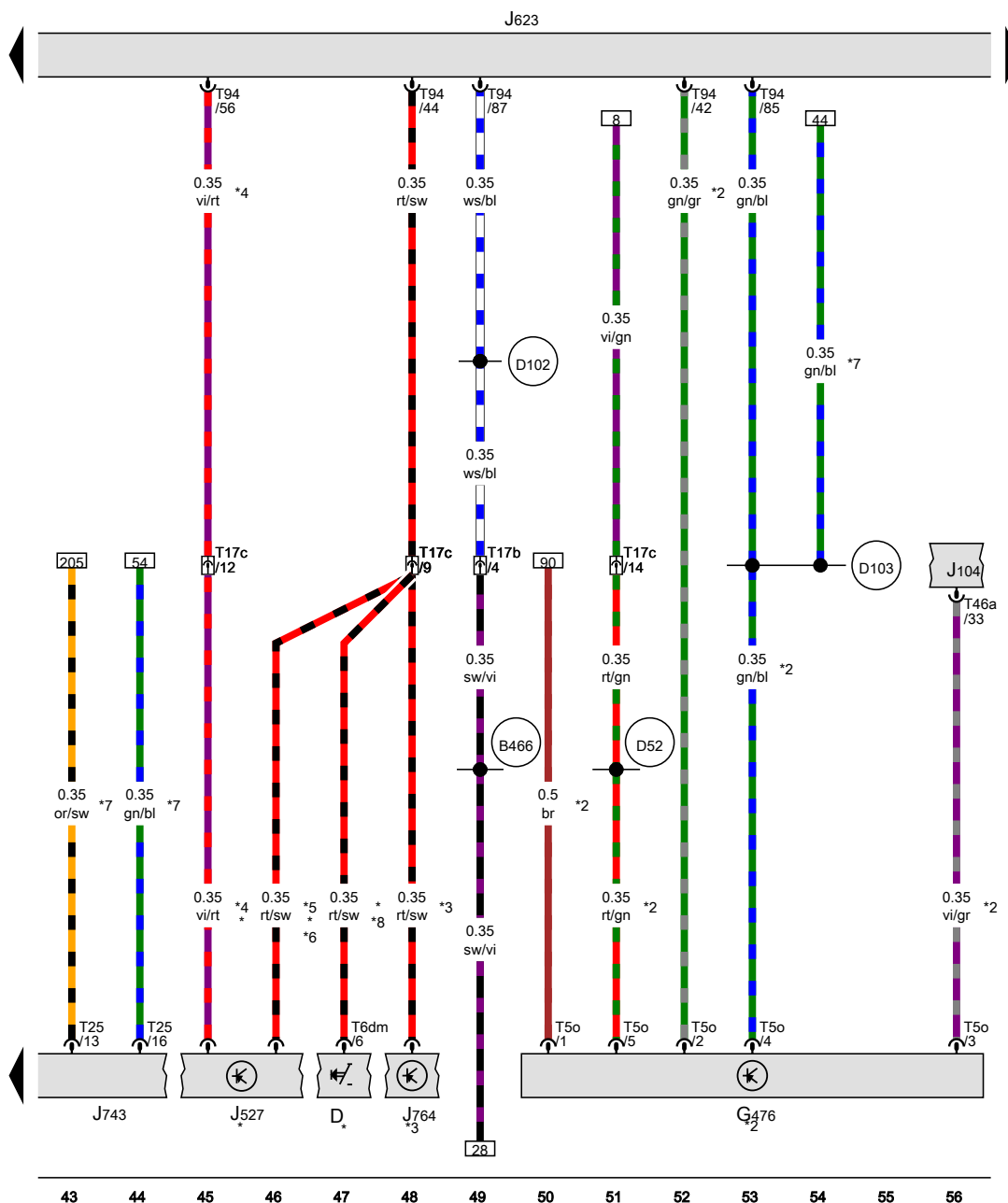


- G79 Accelerator position sender
- G185 Accelerator position sender 2
- G186 Throttle valve drive for electric throttle
- G187 Throttle valve drive angle sender 1 for electric throttle
- G188 Throttle valve drive angle sender 2 for electric throttle
- J338 Throttle valve module
- J623 Engine/motor control unit
- J743 Mechatronic unit for dual clutch gearbox
- T6bl 6-pin connector, black
- T6k 6-pin connector, black
- T25 25-pin connector, black
- T60 60-pin connector, black
- T94 94-pin connector, black

D107 Connection 5 in engine compartment wiring harness

* For models with dual clutch gearbox

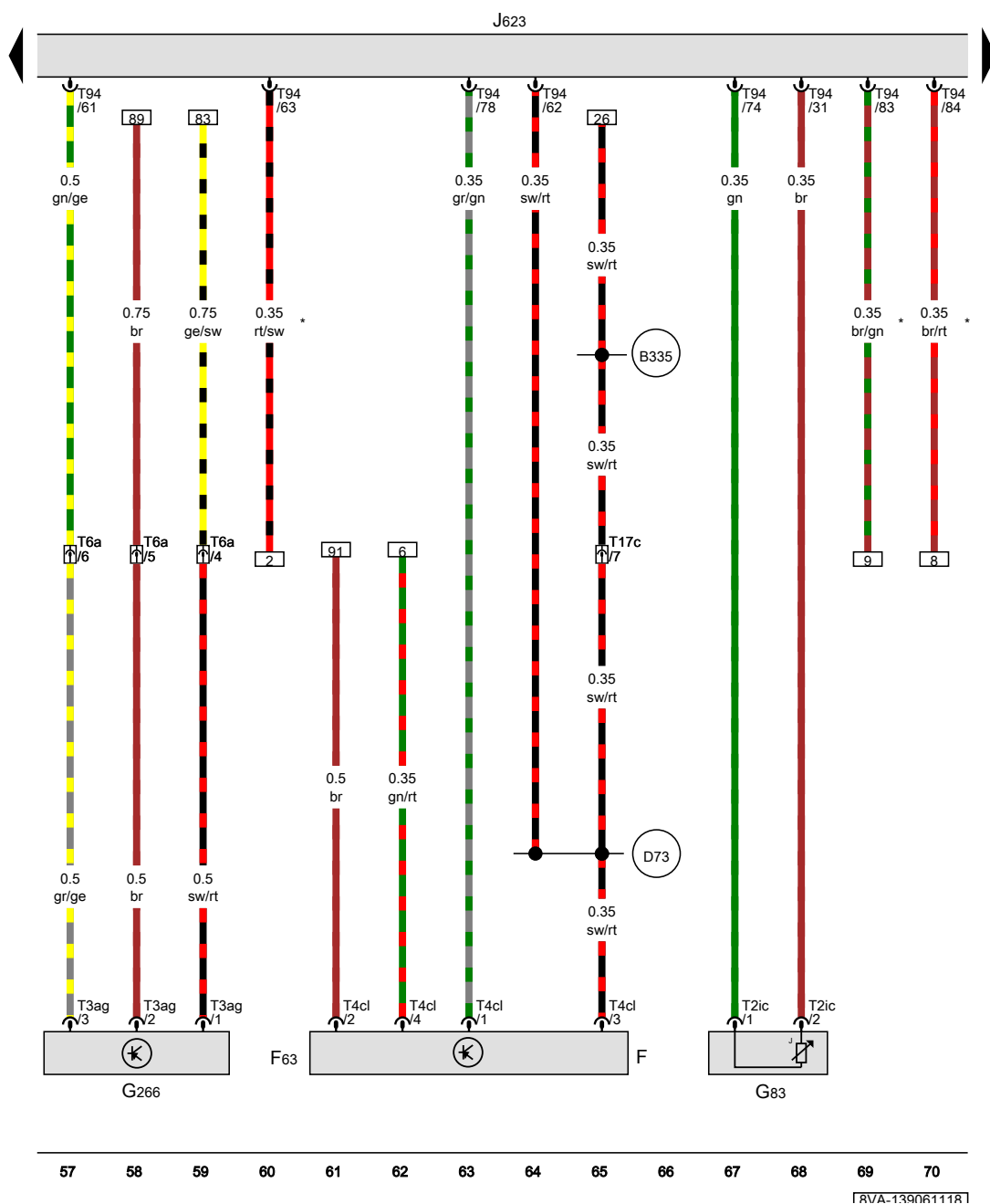
Clutch position sender, Steering column electronics control unit, Engine/motor control unit, Mechatronic unit for dual clutch gearbox



- D Ignition/starter switch
- G476 Clutch position sender
- J104 ABS control unit
- J527 Steering column electronics control unit
- J623 Engine/motor control unit
- J743 Mechatronic unit for dual clutch gearbox
- J764 Control unit for electronic steering column lock
- T5o 5-pin connector, black
- T6dm 6-pin connector, black
- T17b 17-pin connector, on lower section of left A-pillar, brown
- T17c 17-pin connector, on lower section of left A-pillar, red
- T25 25-pin connector, black
- T46a 46-pin connector, black
- T94 94-pin connector, black
- B466 Connection 2, in main wiring harness
- D52 Positive connection (15a), in engine compartment wiring harness
- D102 Connection 2 in engine compartment wiring harness
- D103 Connection 3 in engine compartment wiring harness
- * see applicable current flow diagram for steering column electronics
- *2 For models with manual gearbox
- *3 see applicable current flow diagram for entry and start authorisation
- *4 For models with cruise control system (CCS)
- *5 For models with no entry and start authorisation
- *6 Up to June 2018
- *7 For models with dual clutch gearbox
- *8 From July 2018

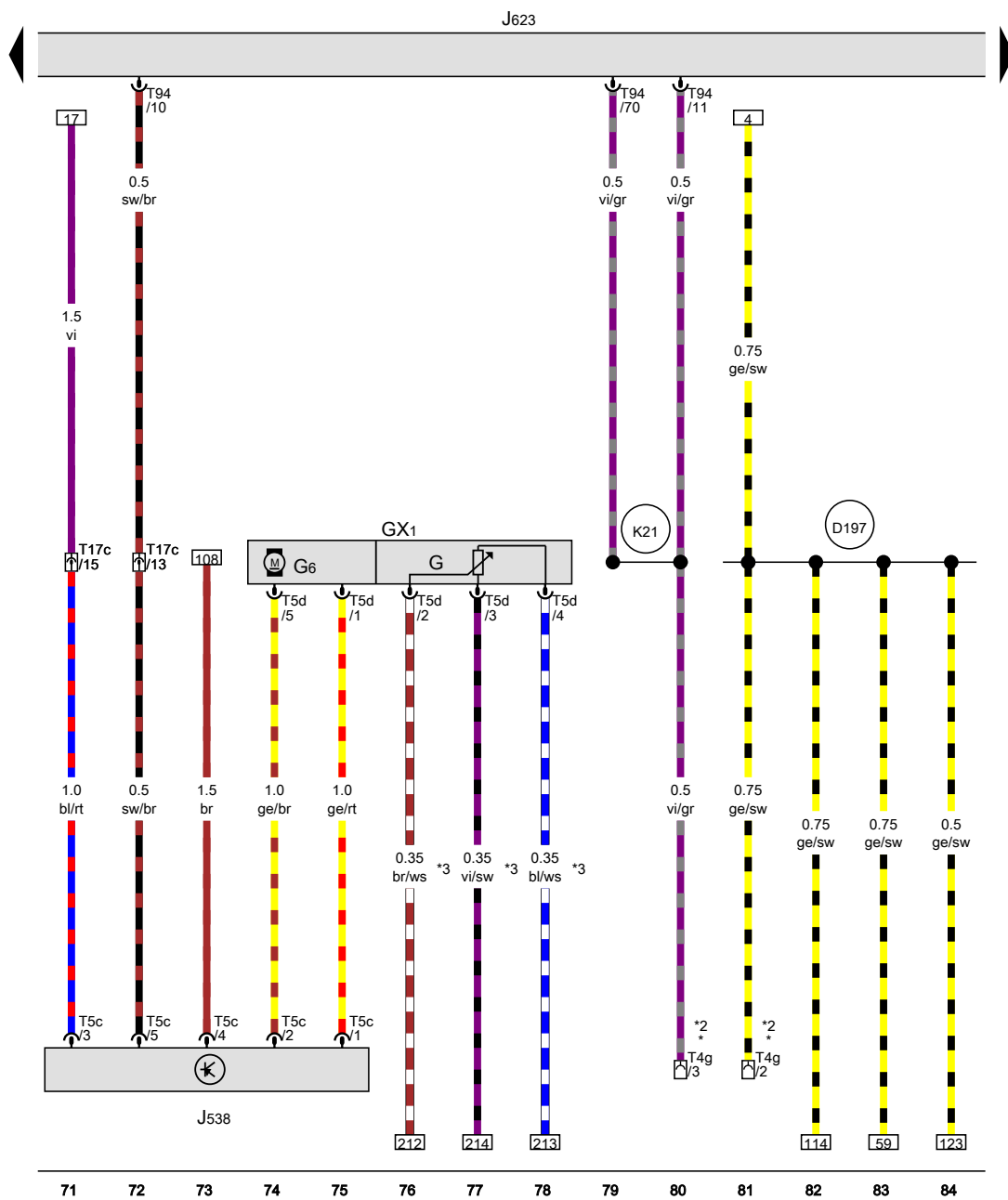
ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

18V/A-139051118



Brake light switch, Brake pedal switch, Radiator outlet coolant temperature sender, Oil level and oil temperature sender, Engine/motor control unit

- F Brake light switch
- F63 Brake pedal switch
- G83 Radiator outlet coolant temperature sender
- G266 Oil level and oil temperature sender
- J623 Engine/motor control unit
- T2ic 2-pin connector, black
- T3ag 3-pin connector, black
- T4cl 4-pin connector, black
- T6a 6-pin connector, black
- T17c 17-pin connector, on lower section of left A-pillar, red
- T94 94-pin connector, black
- B335 Connection 1 (54), in main wiring harness
- D73 Positive connection (54), in engine compartment wiring harness
- * see applicable current flow diagram for battery in engine compartment



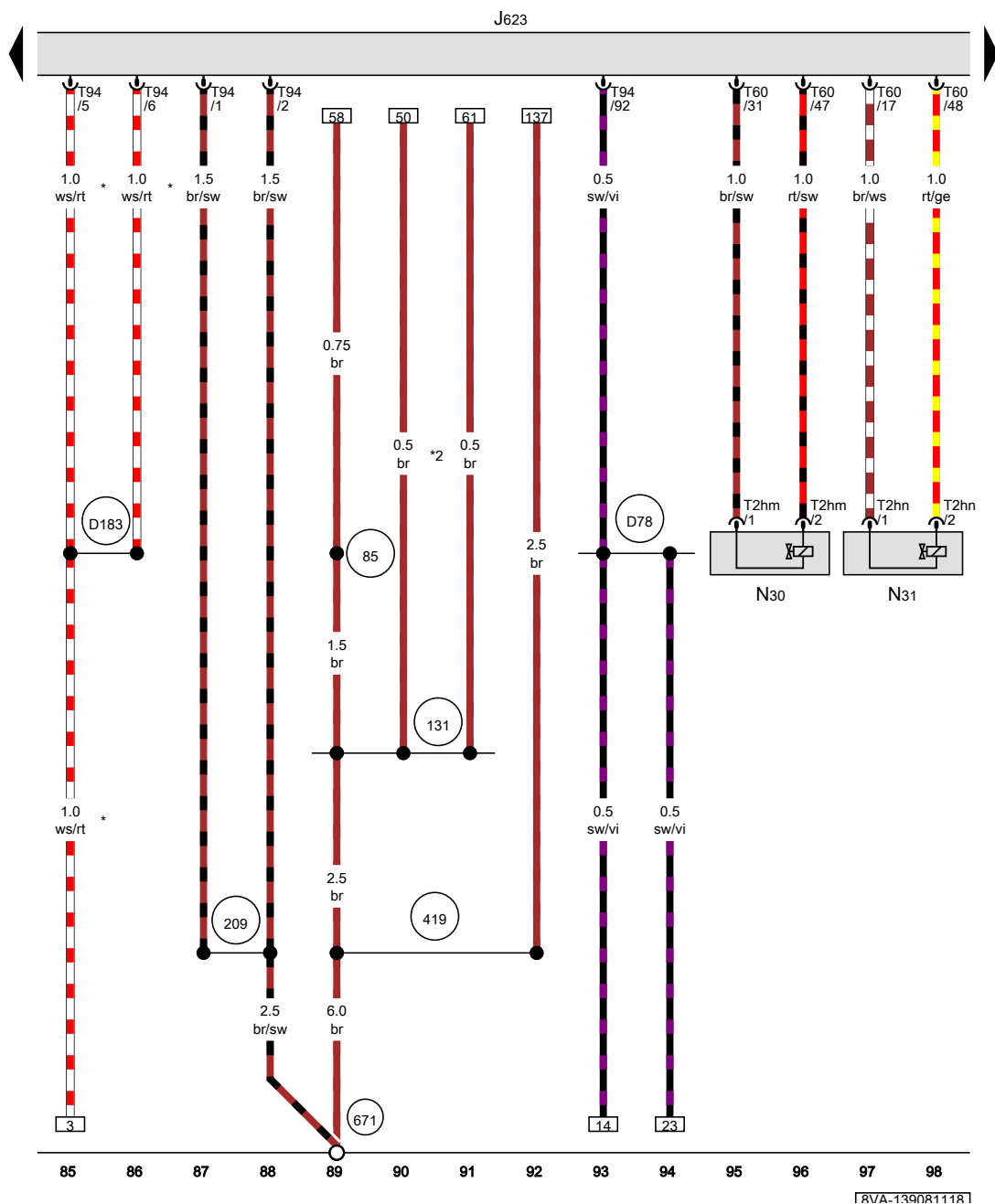
Fuel gauge sender, Fuel delivery unit, Fuel system pressurisation pump, Engine/motor control unit

- G Fuel gauge sender
- GX1 Fuel delivery unit
- G6 Fuel system pressurisation pump
- J538 Fuel pump control unit
- J623 Engine/motor control unit
- T4g 4-pin connector, black
- T5c 5-pin connector, black
- T5d 5-pin connector, black
- T17c 17-pin connector, on lower section of left A-pillar, red
- T94 94-pin connector, black
- D197 Connection 5 (87a), in engine compartment wiring harness
- K21 Connection 1, in radiator fan wiring harness
- * Radiator fan connection
- *2 see applicable current flow diagram for radiator fan
- *3 see applicable current flow diagram for fuel system

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

[AV/A-139071118]

Engine/motor control unit, Injector, cylinder 1, Injector, cylinder 2



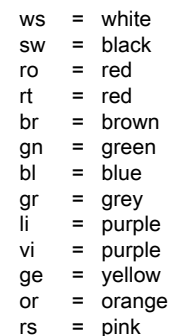
- J623 Engine/motor control unit
- N30 Injector, cylinder 1
- N31 Injector, cylinder 2
- T2hm 2-pin connector, black
- T2hn 2-pin connector, black
- T60 60-pin connector, black
- T94 94-pin connector, black

- 85 Earth connection 1, in engine compartment wiring harness
- 131 Earth connection 2, in engine compartment wiring harness
- 209 Earth connection 6, in engine compartment wiring harness
- 419 Earth connection 11, in engine compartment wiring harness
- 671 Earth point 1, on front of left longitudinal member
- D78 Positive connection 1 (30a), in engine compartment wiring harness
- D183 Connection 4 (87a), in engine compartment wiring harness

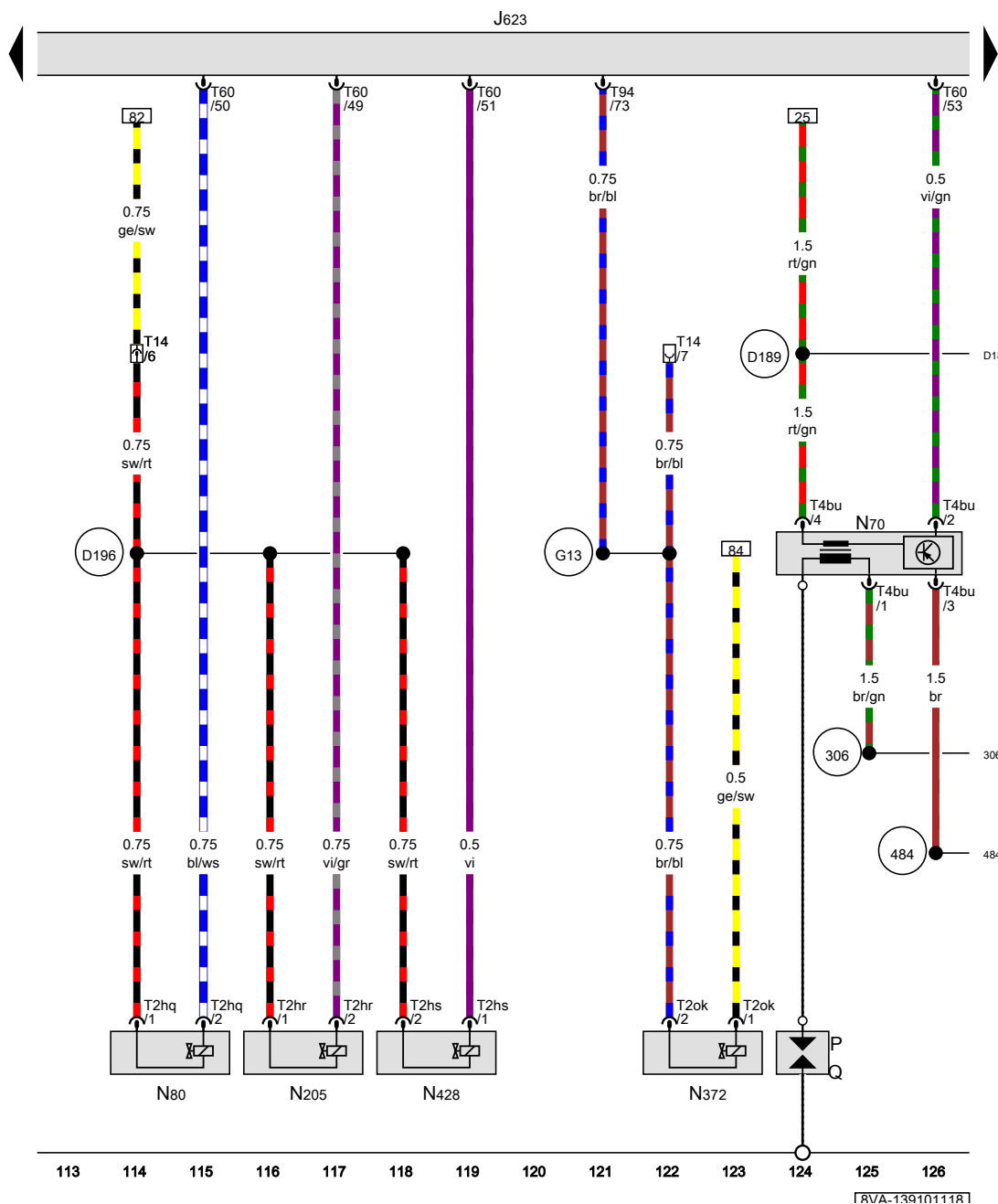
- * Wiring colour depends on equipment
- *2 For models with manual gearbox

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

[AUA-139081118]



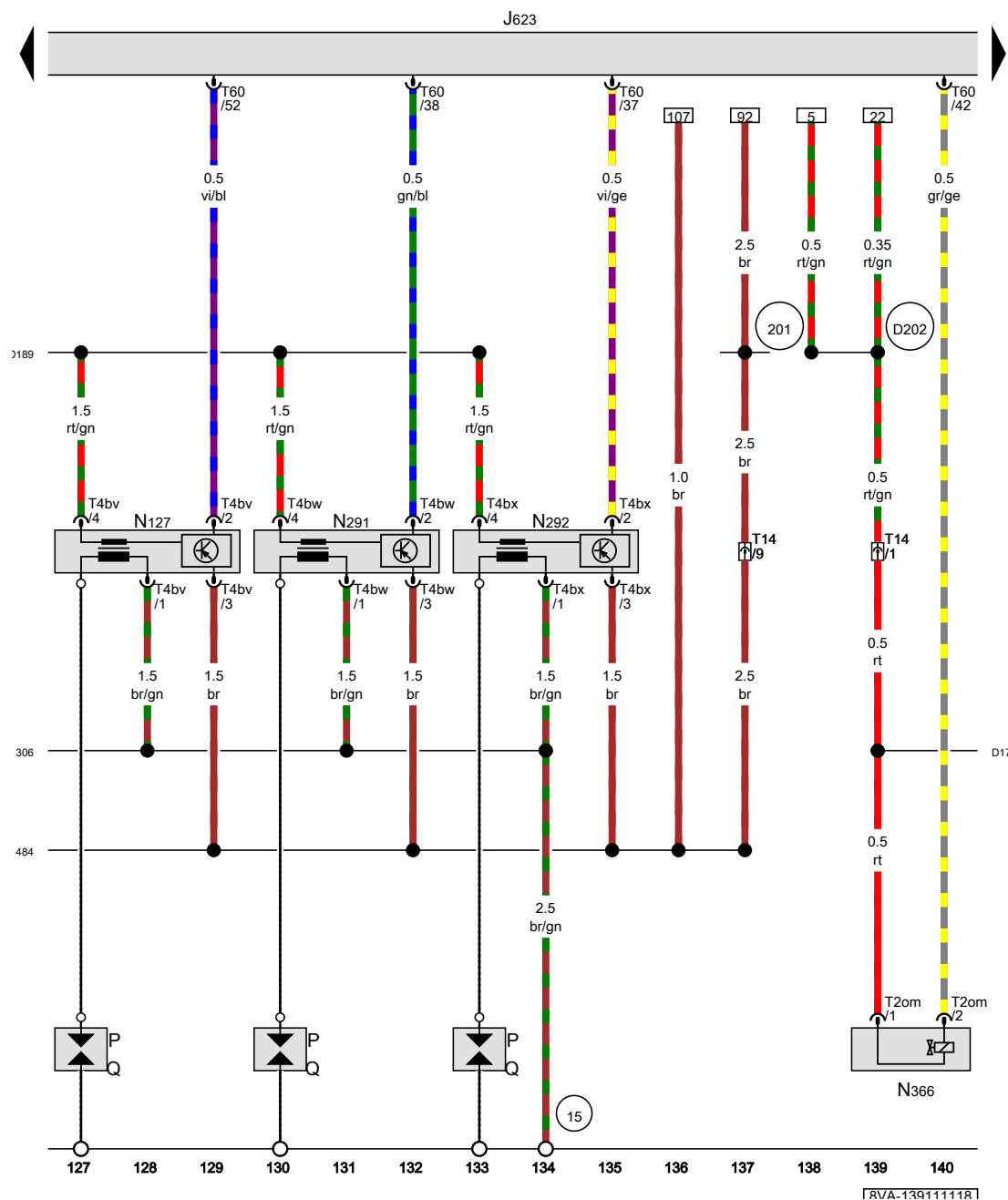
- 75 Earth point, rear right pillar
- 359 Earth connection, in gas mode wiring harness
- 374 Earth connection 9, in main wiring harness
- 376 Earth connection 11, in main wiring harness
- D180 Connection (87a), in engine compartment wiring harness
- D205 Connection 3 (87a) in engine prewiring harness
- G12 Connection 1 in gas mode wiring harness



Engine/motor control unit, Ignition coil 1 with output stage, Activated charcoal filter solenoid valve 1, Camshaft control valve 1, High-pressure valve for gas mode, Valve for oil pressure control

- J623 Engine/motor control unit
- N70 Ignition coil 1 with output stage
- N80 Activated charcoal filter solenoid valve 1
- N205 Camshaft control valve 1
- N372 High-pressure valve for gas mode
- N428 Valve for oil pressure control
- P Spark plug connector
- Q Spark plugs
- T2hq 2-pin connector, black
- T2hr 2-pin connector, black
- T2hs 2-pin connector, black
- T2ok 2-pin connector, black
- T4bu 4-pin connector, black
- T14 14-pin connector, near front left longitudinal member, grey
- T60 60-pin connector, black
- T94 94-pin connector, black
- 306 Earth connection (ignition coils), in engine prewiring harness
- 484 Earth connection 2 (ignition coils), in engine prewiring harness
- D189 Connection (87a) in engine prewiring harness
- D196 Connection 2 (87a) in engine prewiring harness
- G13 Connection 2 in gas mode wiring harness

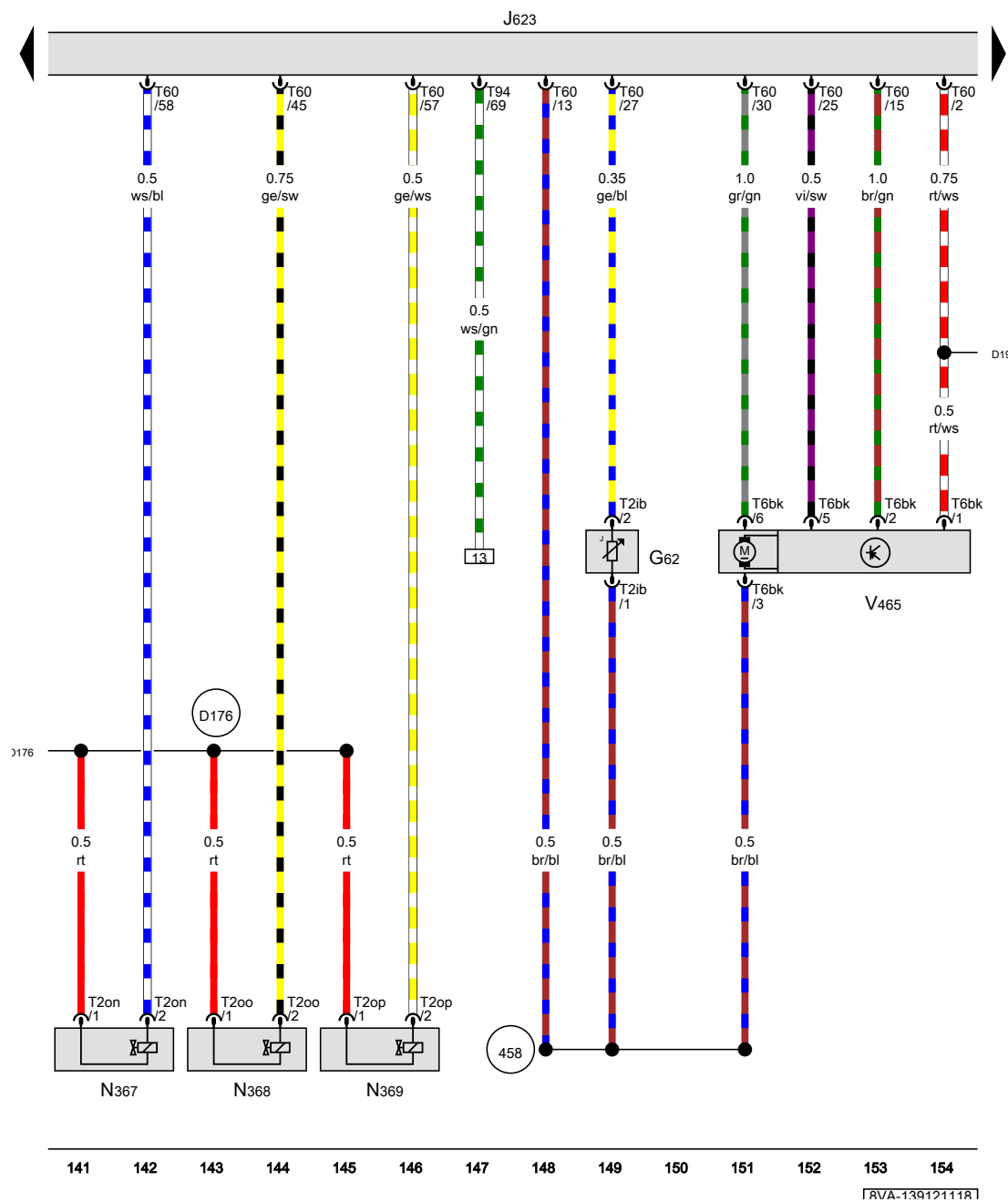
ws = white
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 bl = blue
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 vi = purple
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Engine/motor control unit, Ignition coil 2 with output stage, Ignition coil 3 with output stage, Ignition coil 4 with output stage, Gas injection valve 1

- J623 Engine/motor control unit
- N127 Ignition coil 2 with output stage
- N291 Ignition coil 3 with output stage
- N292 Ignition coil 4 with output stage
- N366 Gas injection valve 1
- P Spark plug connector
- Q Spark plugs
- T2om 2-pin connector, black
- T4bv 4-pin connector, black
- T4bw 4-pin connector, black
- T4bx 4-pin connector, black
- T14 14-pin connector, near front left longitudinal member, grey
- T60 60-pin connector, black
- 15 Earth point, on cylinder head
- 201 Earth connection 5, in engine compartment wiring harness
- 306 Earth connection (ignition coils), in engine prewiring harness
- 484 Earth connection 2 (ignition coils), in engine prewiring harness
- D176 Connection (gas injector), in engine compartment wiring harness
- D189 Connection (87a) in engine prewiring harness
- D202 Connection 6 (87a), in engine compartment wiring harness

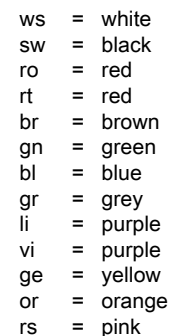
ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink



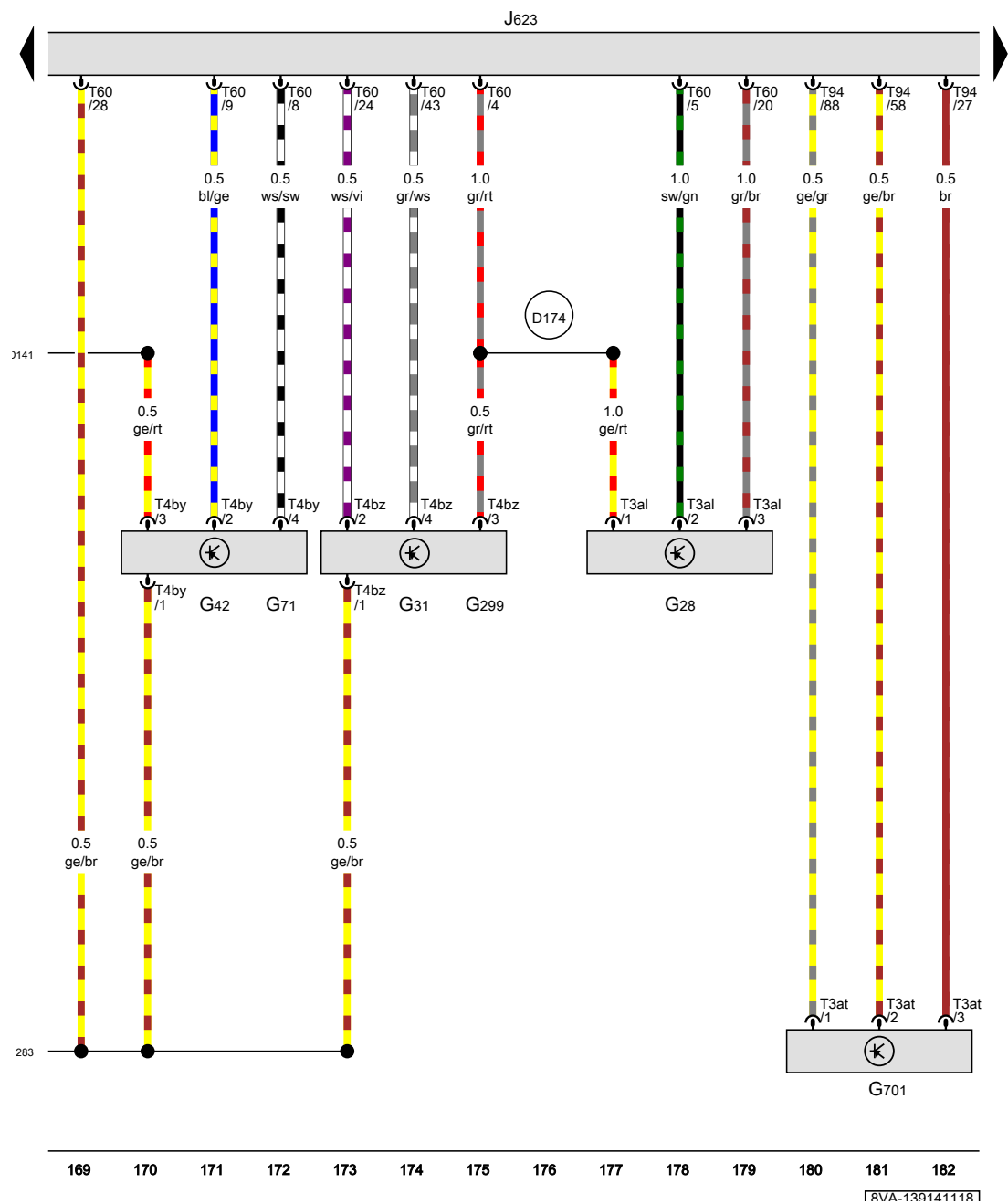
Coolant temperature sender, Engine/motor control unit, Gas injection valve 2, Gas injection valve 3, Gas injection valve 4, Charge pressure positioner

- G62 Coolant temperature sender
- J623 Engine/motor control unit
- N367 Gas injection valve 2
- N368 Gas injection valve 3
- N369 Gas injection valve 4
- T2ib 2-pin connector, black
- T2on 2-pin connector, black
- T2oo 2-pin connector, black
- T2op 2-pin connector, black
- T6bk 6-pin connector, grey
- T60 60-pin connector, black
- T94 94-pin connector, black
- V465 Charge pressure positioner

- 458 Earth point 3, engine prewiring harness
- D176 Connection (gas injector), in engine compartment wiring harness
- D190 Connection 3 (5V) in engine prewiring harness



- 281 Earth point 1, engine prewiring harness
- 283 Earth point 2, engine prewiring harness
- D141 Connection (5V) in engine prewiring harness
- D190 Connection 3 (5V) in engine prewiring harness



Engine speed sender, Charge pressure sender, Intake air temperature sender, Intake manifold pressure sender, Intake air temperature sender 2, Gearbox neutral position sender, Engine/motor control unit

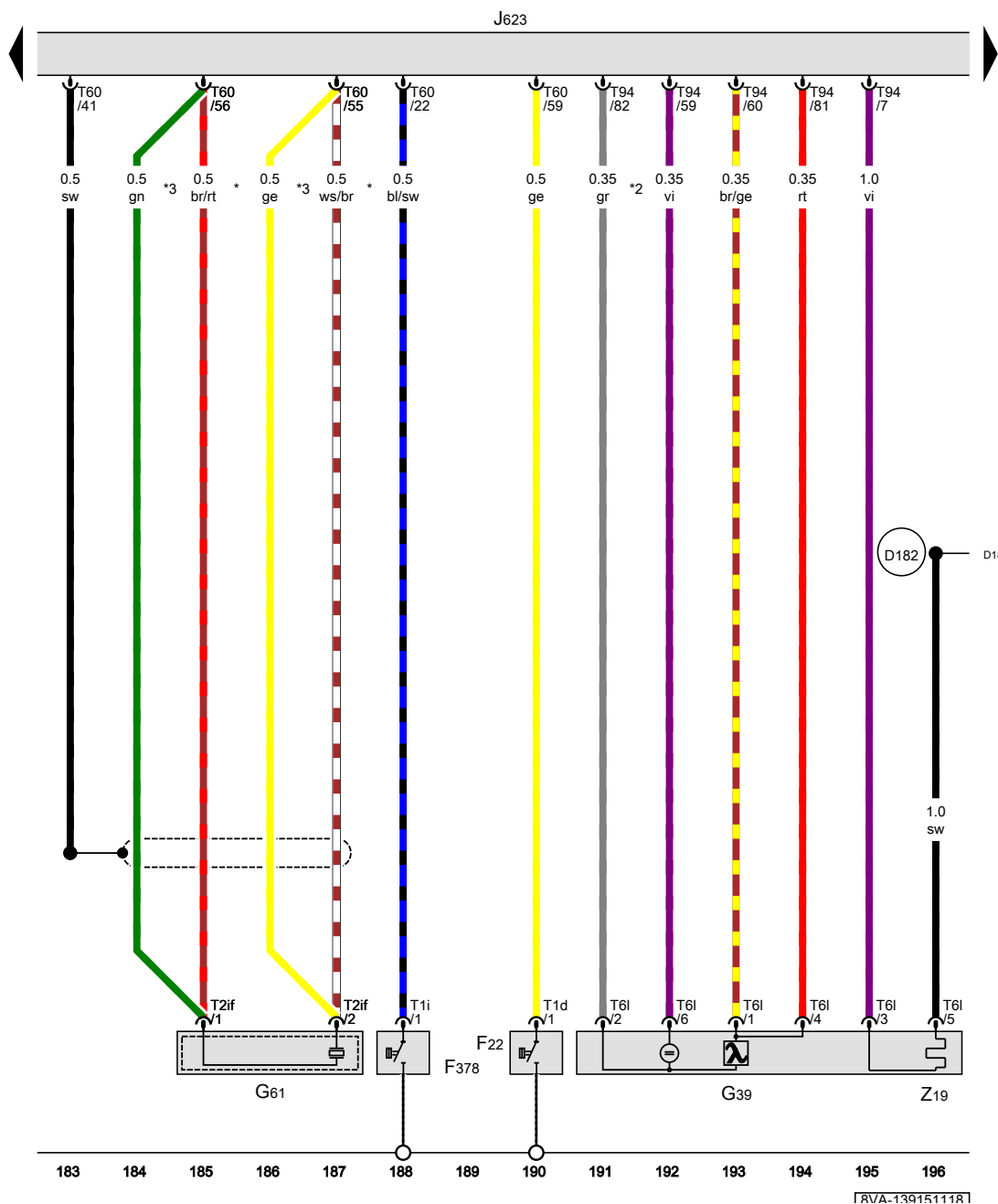
- G28 Engine speed sender
- G31 Charge pressure sender
- G42 Intake air temperature sender
- G71 Intake manifold pressure sender
- G299 Intake air temperature sender 2
- G701 Gearbox neutral position sender
- J623 Engine/motor control unit
- T3al 3-pin connector, black
- T3at 3-pin connector, black
- T4by 4-pin connector, black
- T4bz 4-pin connector, black
- T60 60-pin connector, black
- T94 94-pin connector, black

283 Earth point 2, engine prewiring harness

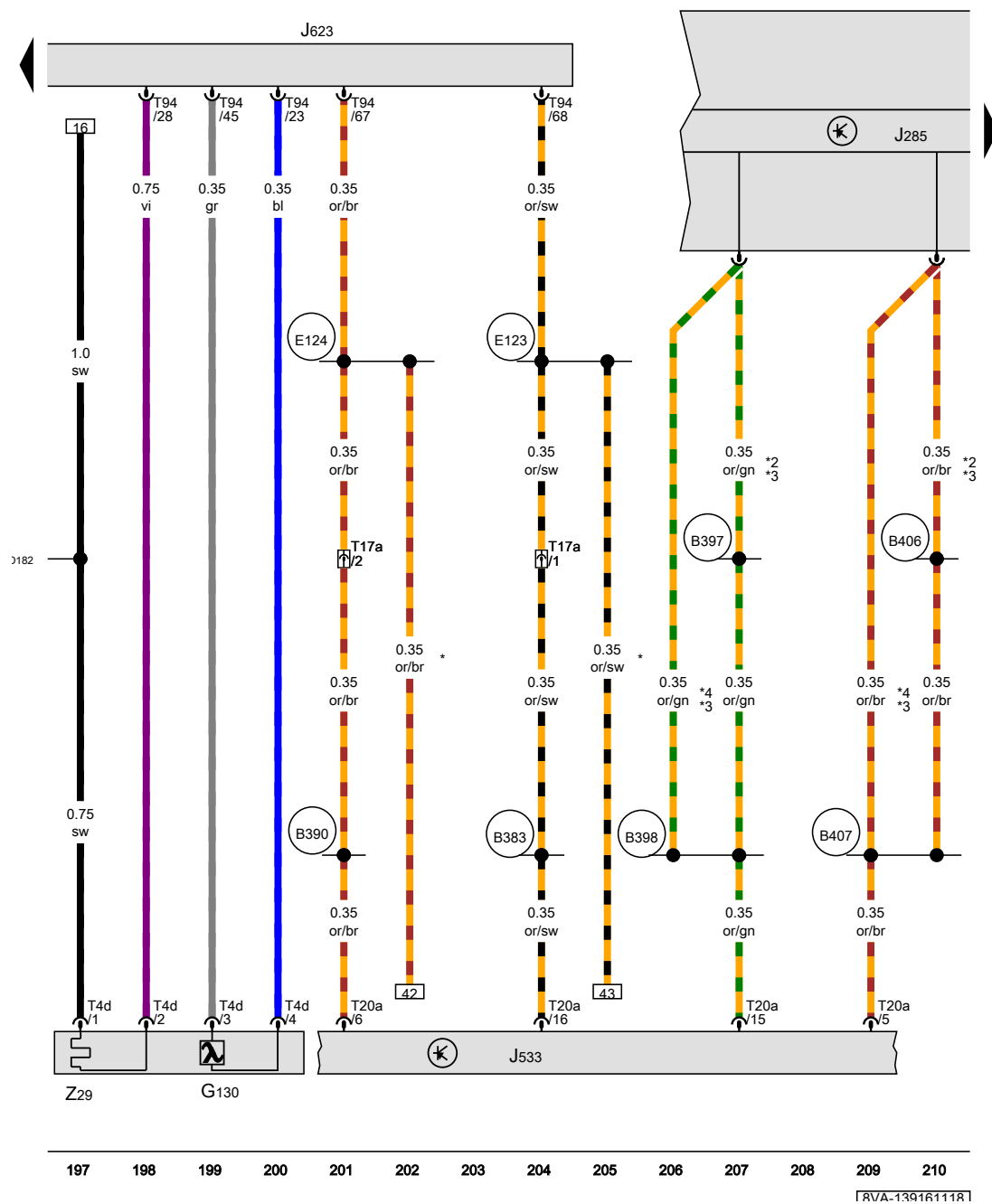
D141 Connection (5V) in engine prewiring harness

D174 Connection 2 (5V) in engine prewiring harness

Oil pressure switch, Oil pressure switch for reduced oil pressure, Lambda probe, Knock sensor 1, Engine/motor control unit, Lambda probe heater



- F22 Oil pressure switch
- F378 Oil pressure switch for reduced oil pressure
- G39 Lambda probe
- G61 Knock sensor 1
- J623 Engine/motor control unit
- T1d 1-pin connector, black
- T1i 1-pin connector, black
- T2if 2-pin connector, black
- T6l 6-pin connector, black
- T60 60-pin connector, black
- T94 94-pin connector, black
- Z19 Lambda probe heater
- D182 Connection 3 (87a), in engine compartment wiring harness
- * Gradually discontinued
- *2 Wiring colour depends on equipment
- *3 gradual introduction



Lambda probe after catalytic converter, Control unit in dash panel insert, Data bus diagnostic interface, Engine/motor control unit, Lambda probe 1 heater after catalytic converter

- G130 Lambda probe after catalytic converter
- J285 Control unit in dash panel insert
- J533 Data bus diagnostic interface
- J623 Engine/motor control unit
- T4d 4-pin connector, black
- T17a 17-pin connector, on lower section of left A-pillar, black
- T20a 20-pin connector, red
- T94 94-pin connector, black
- Z29 Lambda probe 1 heater after catalytic converter

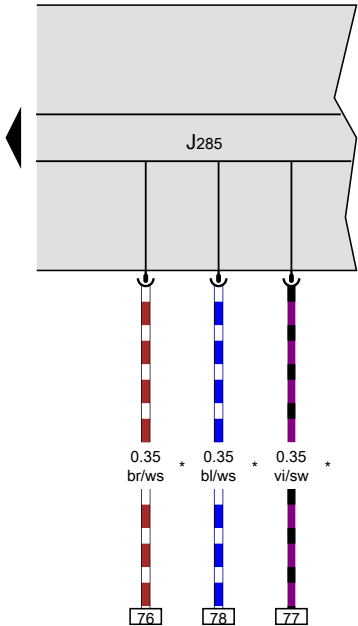
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness
- D182 Connection 3 (87a), in engine compartment wiring harness
- E123 Connection 1 (powertrain CAN bus, high), in engine wiring harness
- E124 Connection 1 (powertrain CAN bus, low), in engine wiring harness

- * For models with dual clutch gearbox
- *2 For left-hand drive models
- *3 see applicable current flow diagram for dash panel insert
- *4 For right-hand drive models

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Control unit in dash panel insert

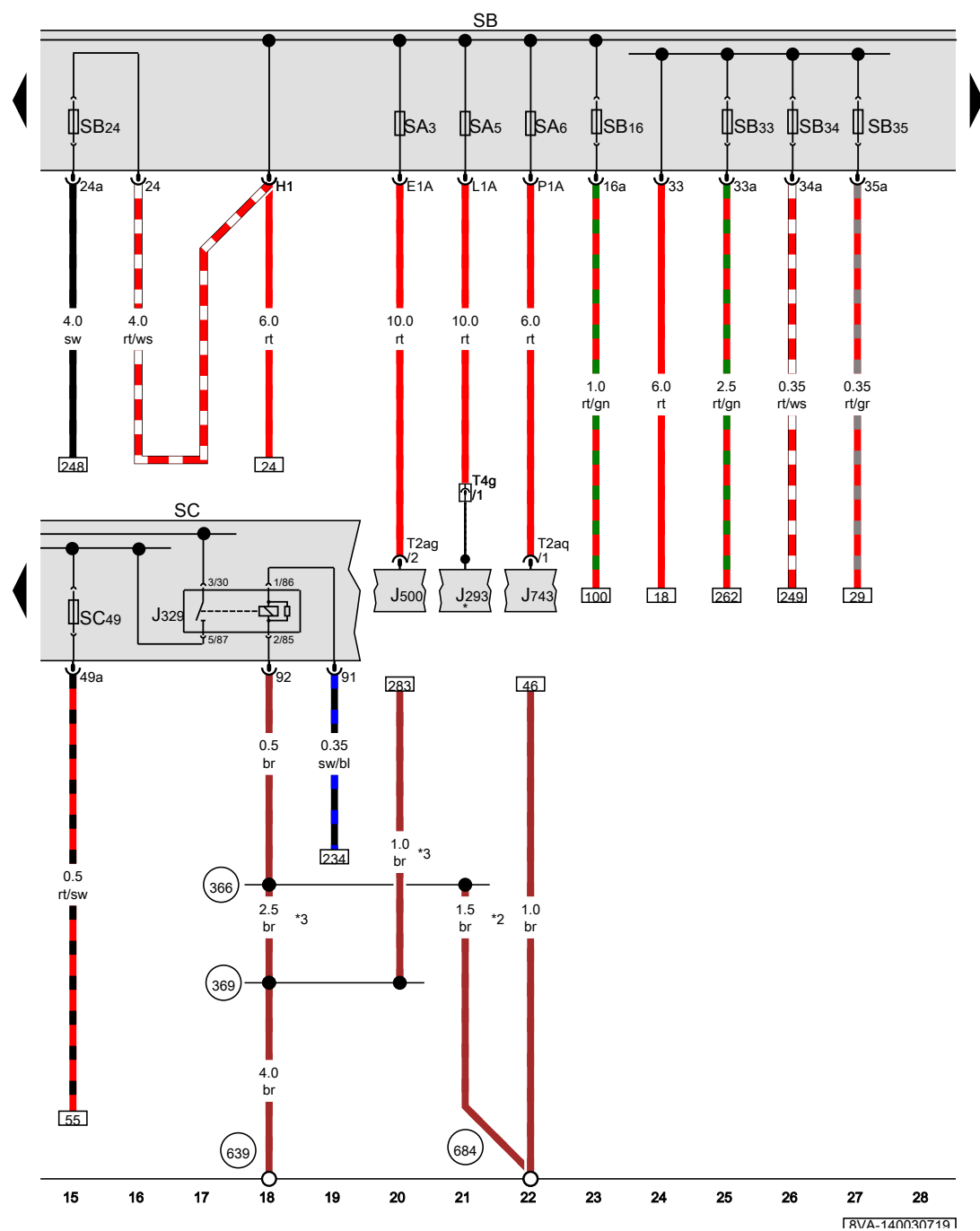
J285 Control unit in dash panel insert
* see applicable current flow diagram for fuel system



- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

High-voltage system , (0K3)

From October 2015



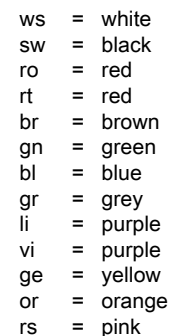
Terminal 15 voltage supply relay, Fuse 3 on fuse holder A, Fuse 5 on fuse holder A, Fuse 6 on fuse holder A, Fuse holder B, Fuse 16 on fuse holder B, Fuse 24 on fuse holder B, Fuse 33 on fuse holder B, Fuse 34 on fuse holder B, Fuse 35 on fuse holder B, Fuse holder C

- J293 Radiator fan control unit
- J329 Terminal 15 voltage supply relay
- J500 Power steering control unit
- J743 Mechatronic unit for dual clutch gearbox
- SA3 Fuse 3 on fuse holder A
- SA5 Fuse 5 on fuse holder A
- SA6 Fuse 6 on fuse holder A
- SB Fuse holder B
- SB16 Fuse 16 on fuse holder B
- SB24 Fuse 24 on fuse holder B
- SB33 Fuse 33 on fuse holder B
- SB34 Fuse 34 on fuse holder B
- SB35 Fuse 35 on fuse holder B
- SC Fuse holder C
- SC49 Fuse 49 on fuse holder C
- T2ag 2-pin connector, black
- T2aq 2-pin connector, black
- T4g 4-pin connector, black

- 366 Earth connection 1, in main wiring harness
- 369 Earth connection 4, in main wiring harness
- 639 Earth point, left A-pillar
- 684 Earth point on front of left side member

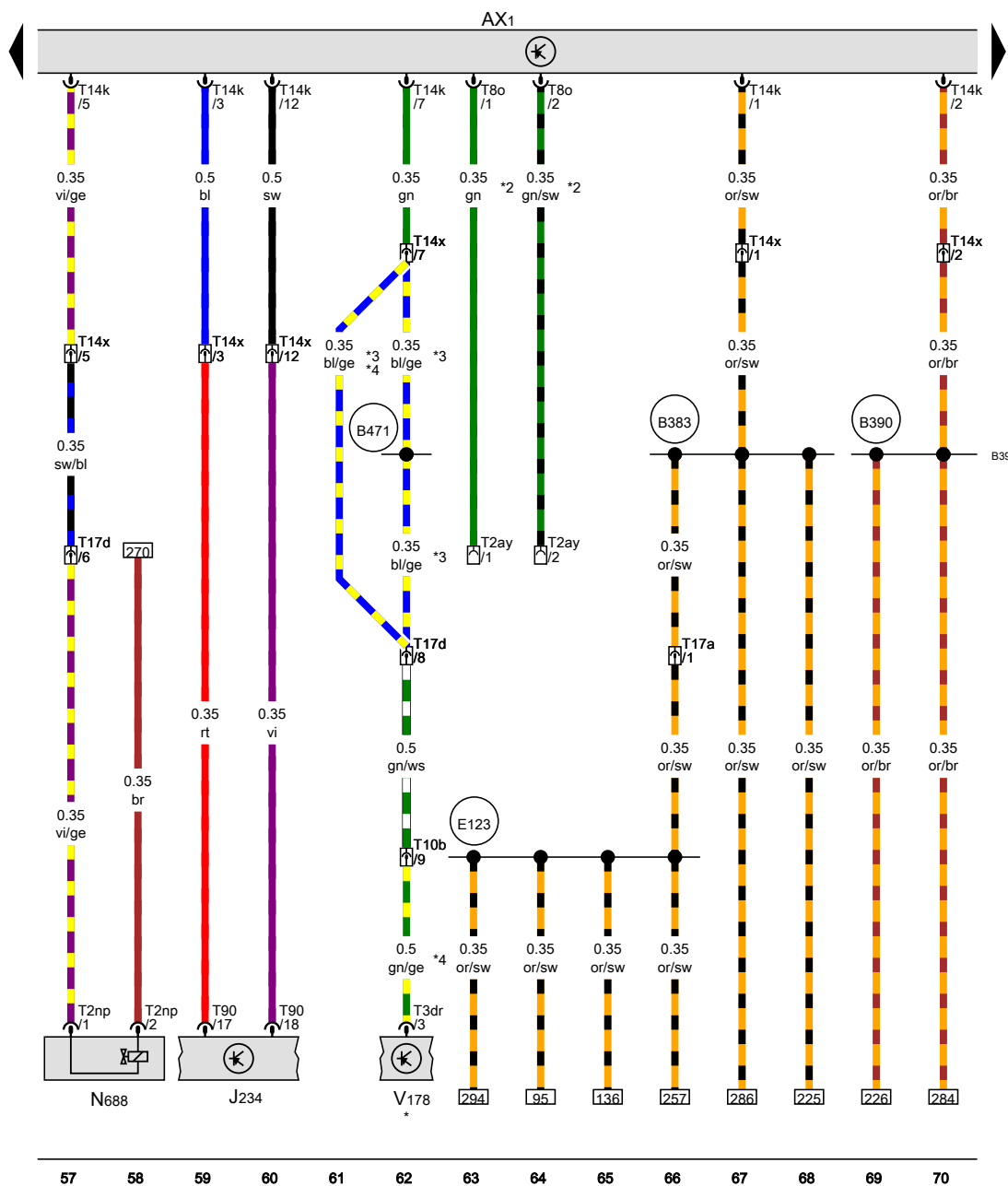
- * see applicable current flow diagram for radiator fan
- *2 For right-hand drive models
- *3 For left-hand drive models

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



G32	Coolant shortage indicator sender
G837	Coolant shortage indicator sender 2
J32	Air conditioning system relay
J120	Coolant shortage indicator control unit
J255	Climatronic control unit
J271	Main relay
SB	Fuse holder B
SB4	Fuse 4 on fuse holder B
T2nn	2-pin connector, black
T2no	2-pin connector, black
T17d	17-pin connector, on lower section of left A-pillar, green
T20b	20-pin connector, black
327	Earth connection (sender earth), in engine compartment wiring harness
B698	Connection 3 (LIN bus) in main wiring harness
D197	Connection 5 (87a), in engine compartment wiring harness
*	see applicable current flow diagram for automatic air conditioning system
*2	see applicable current flow diagram for engine
*3	According to equipment

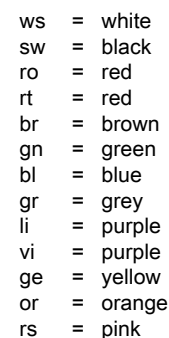
Hybrid battery unit, Airbag control unit, Coolant circulation pump 2



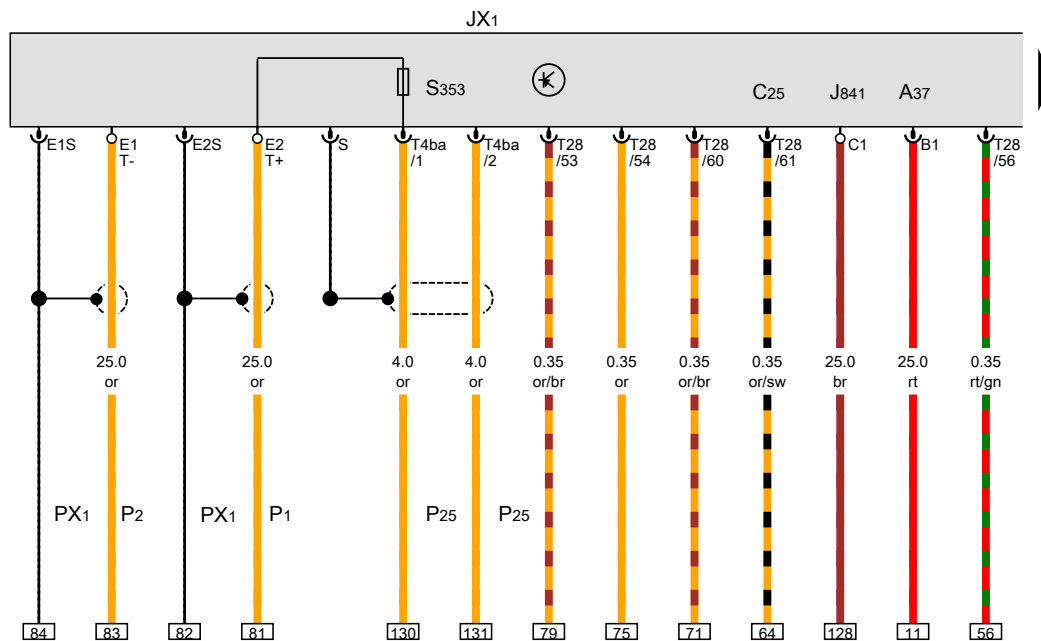
- AX1 Hybrid battery unit
- J234 Airbag control unit
- N688 Coolant valve for high-voltage battery
- T2ay 2-pin connector
- T2np 2-pin connector, black
- T3dr 3-pin connector, black
- T8o 8-pin connector
- T10b 10-pin connector
- T14k 14-pin connector, black
- T14x 14-pin connector, on fuel gauge sender, black
- T17a 17-pin connector, on lower section of left A-pillar, black
- T17d 17-pin connector, on lower section of left A-pillar, green
- T90 90-pin connector, yellow
- V178 Coolant circulation pump 2
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- B471 Connection 7, in main wiring harness
- E123 Connection 1 (powertrain CAN bus, high), in engine wiring harness
- * see applicable current flow diagram for engine
- *2 Gradually discontinued
- *3 According to equipment
- *4 Different wire colour possible

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

FAVA-140060719



AX1	Hybrid battery unit
P1	High-voltage wire for hybrid battery, positive terminal
PX1	High-voltage wiring harness for high-voltage battery
P2	High-voltage wire for hybrid battery, negative terminal
T14k	14-pin connector, black
T14x	14-pin connector, on fuel gauge sender, black
T17a	17-pin connector, on lower section of left A-pillar, black
T17d	17-pin connector, on lower section of left A-pillar, green
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B776	Connection 1 (hybrid CAN bus, high) in main wiring harness
B777	Connection 1 (hybrid CAN bus, low) in main wiring harness
E124	Connection 1 (powertrain CAN bus, low), in engine wiring harness
X6	Connection 2 (CAN bus hybrid, high), in engine compartment wiring harness
X7	Connection 2 (CAN bus hybrid, low), in engine compartment wiring harness
*	For emission standard Euro 6 AM
*2	Not for emission standard Euro 6 AM



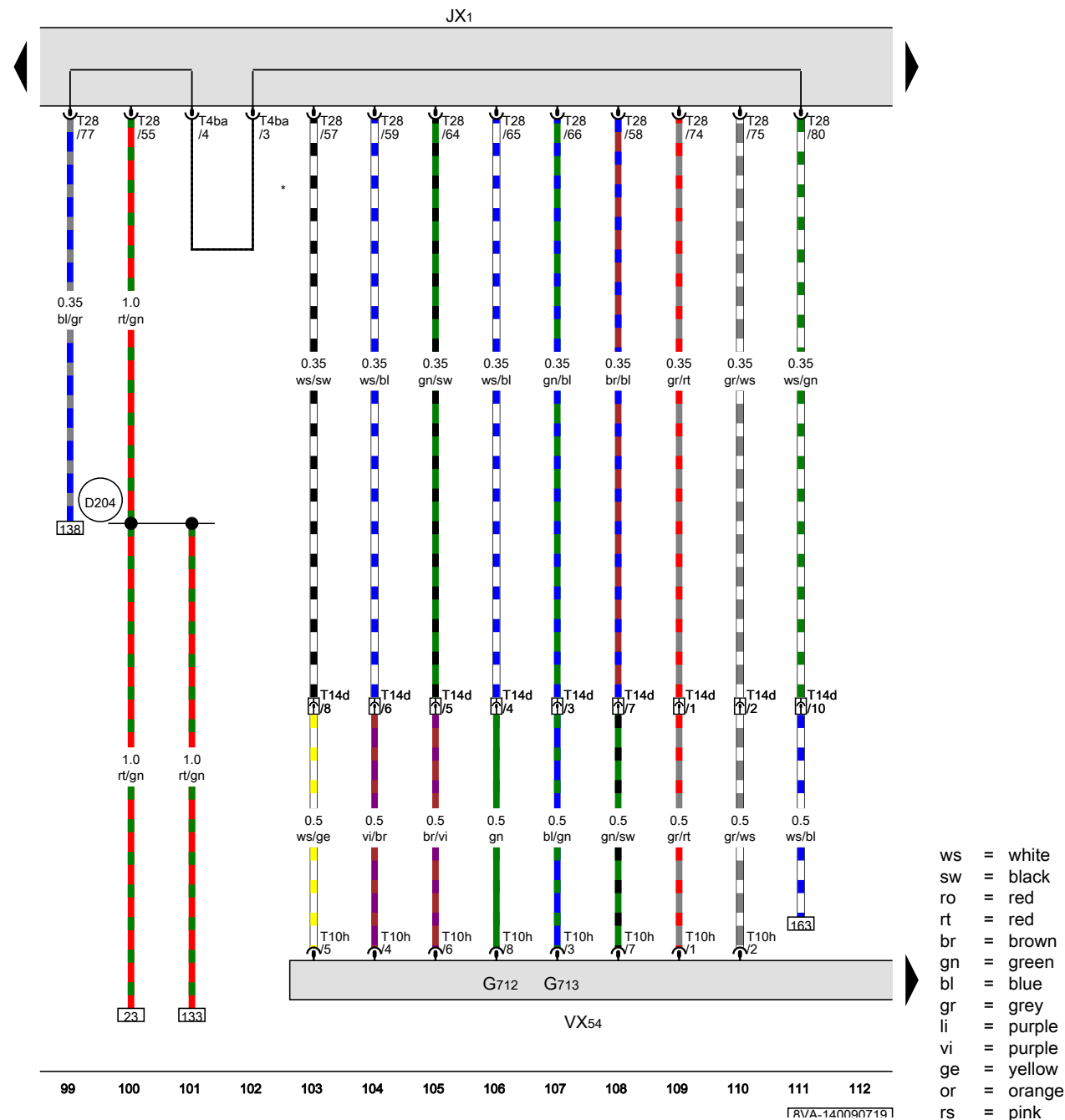
DC/AC converter for drive motor, Power and control electronics for electric drive, Electric drive control unit, High-voltage wiring harness for high-voltage battery

- A37 DC/AC converter for drive motor
- C25 Intermediate circuit capacitor 1
- JX1 Power and control electronics for electric drive
- J841 Electric drive control unit
- PX1 High-voltage wiring harness for high-voltage battery
- P1 High-voltage wire for hybrid battery, positive terminal
- P2 High-voltage wire for hybrid battery, negative terminal
- P25 High-voltage wire for high-voltage battery charging unit
- S353 High-voltage system fuse 3
- T4ba 4-pin connector
- T28 28-pin connector, black

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 bl = blue
 gr = grey
 li = purple
 vi = purple
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 or = orange
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Power and control electronics for electric drive, Three-phase current drive

- G712 Drive motor temperature sender
- G713 Drive motor rotor position sender 1
- JX1 Power and control electronics for electric drive
- T4ba 4-pin connector
- T10h 10-pin connector, black
- T14d 14-pin connector, on left in engine compartment, black
- T28 28-pin connector, black
- VX54 Three-phase current drive
- D204 Positive connection 4 (30a), in engine compartment wiring harness
- * Pilot line



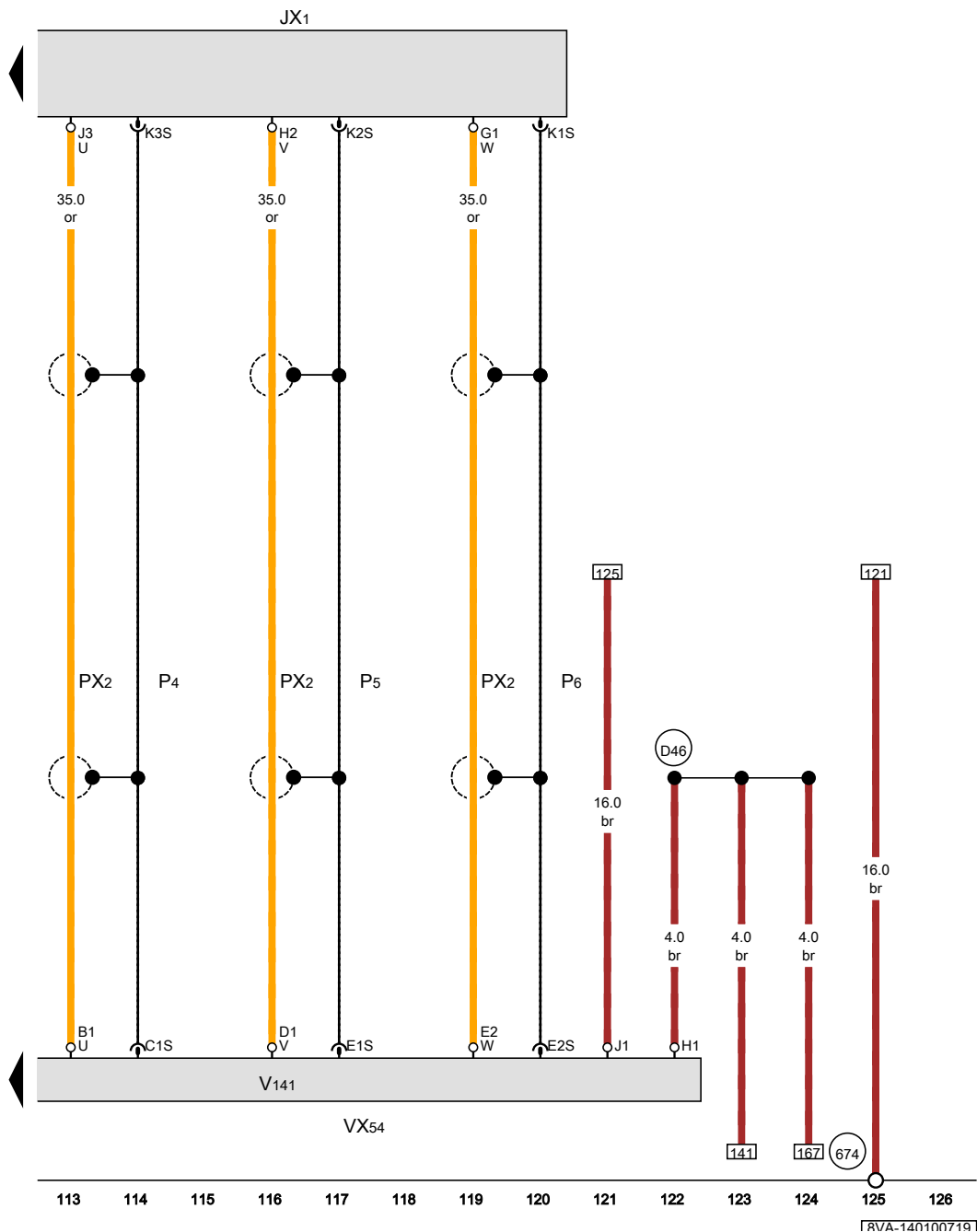
Power and control electronics for electric drive, High-voltage wiring harness for drive motor, Three-phase current drive, Electric drive motor

- JX1 Power and control electronics for electric drive
- PX2 High-voltage wiring harness for drive motor
- P4 High-voltage wire 1 for drive motor
- P5 High-voltage wire 2 for drive motor
- P6 High-voltage wire 3 for drive motor
- VX54 Three-phase current drive
- V141 Electric drive motor

674 Earth point 4, on front of left longitudinal member

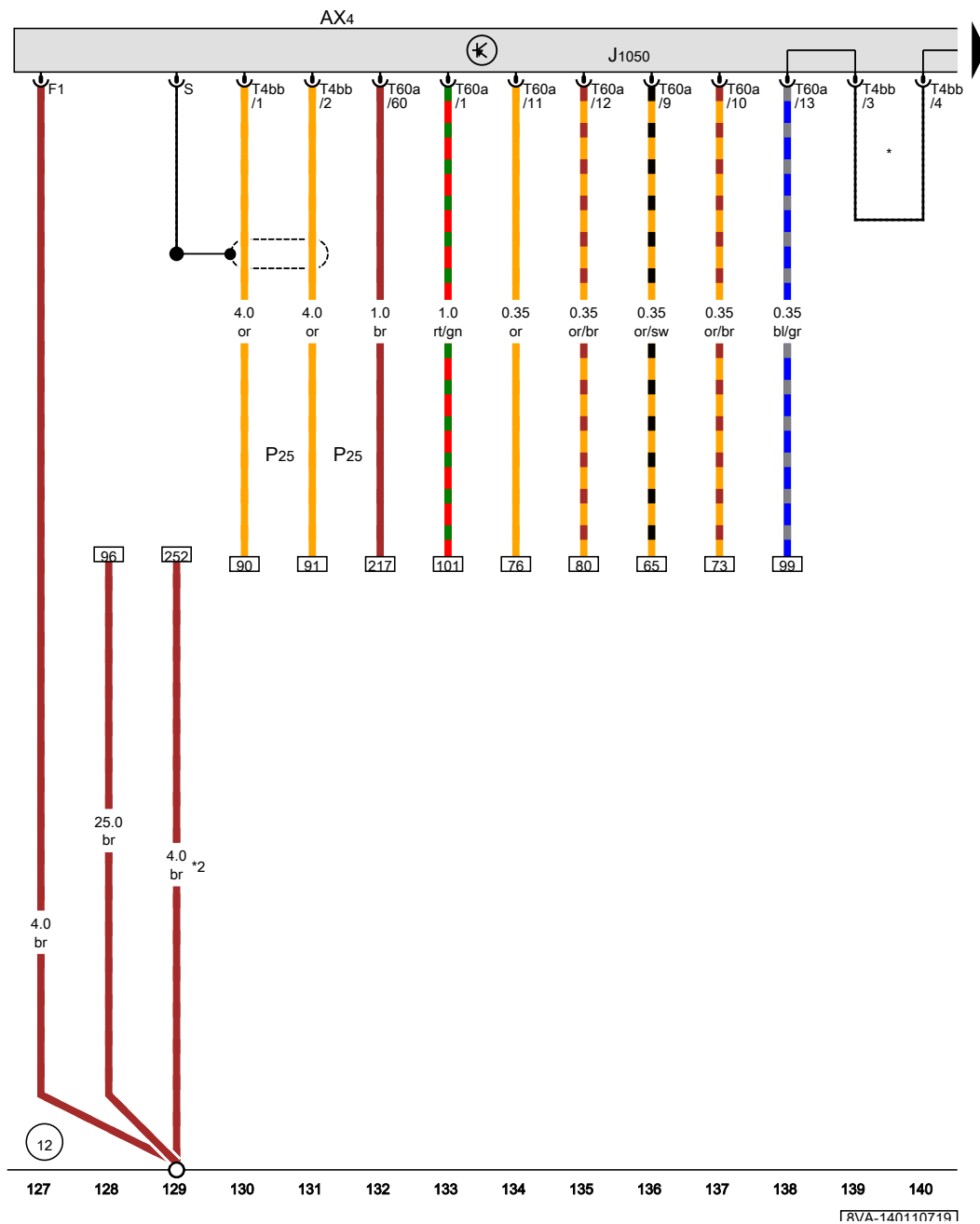
D46 Connection 8, in engine prewiring harness

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

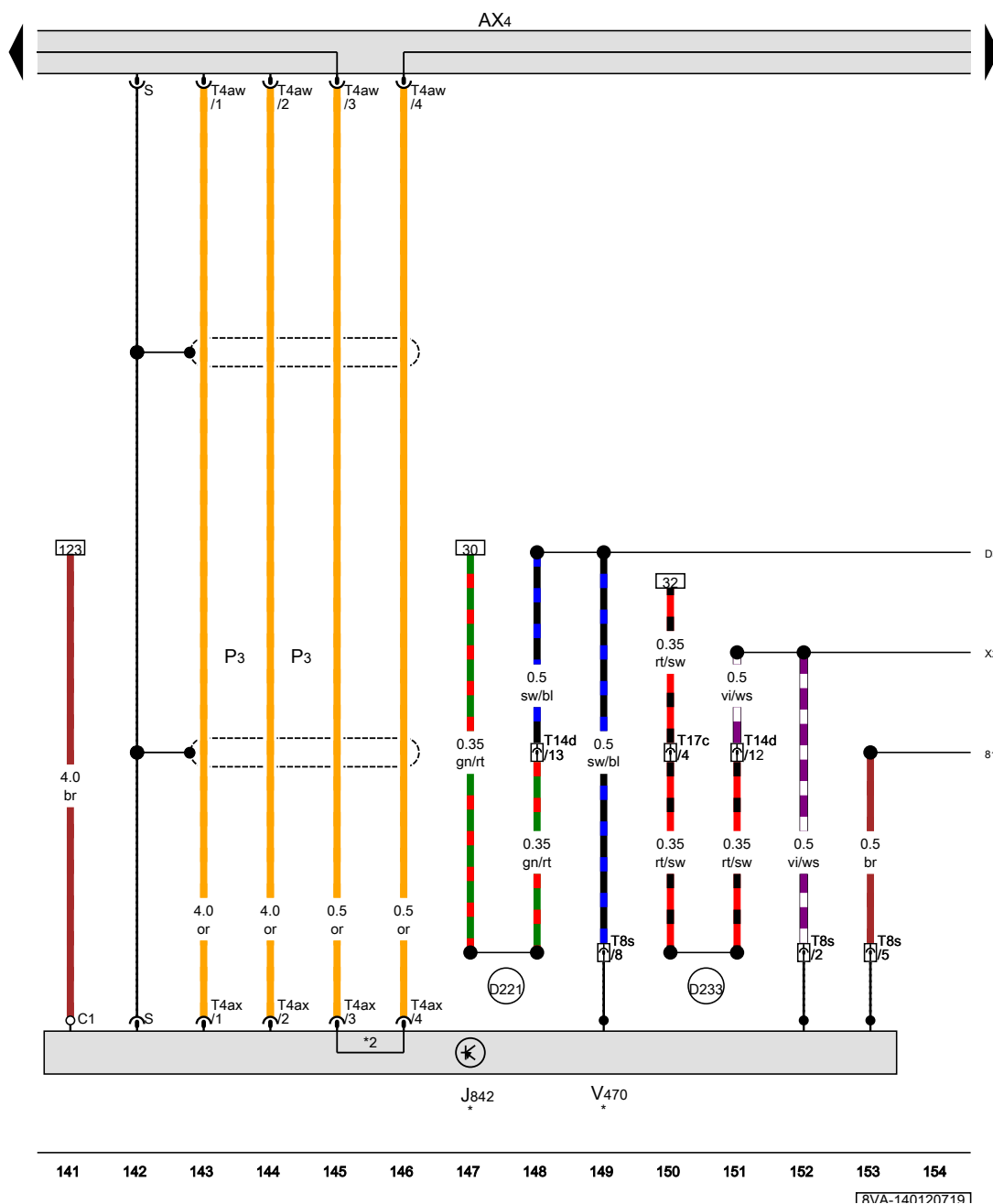


Charging unit 1 for high-voltage battery

- AX4 Charging unit 1 for high-voltage battery
 J1050 Control unit for high-voltage battery charging unit
 P25 High-voltage wire for high-voltage battery charging unit
 T4bb 4-pin connector
 T60a 60-pin connector, black
- 12 Earth point, on left in engine compartment
 * Pilot line
 *2 For left-hand drive models



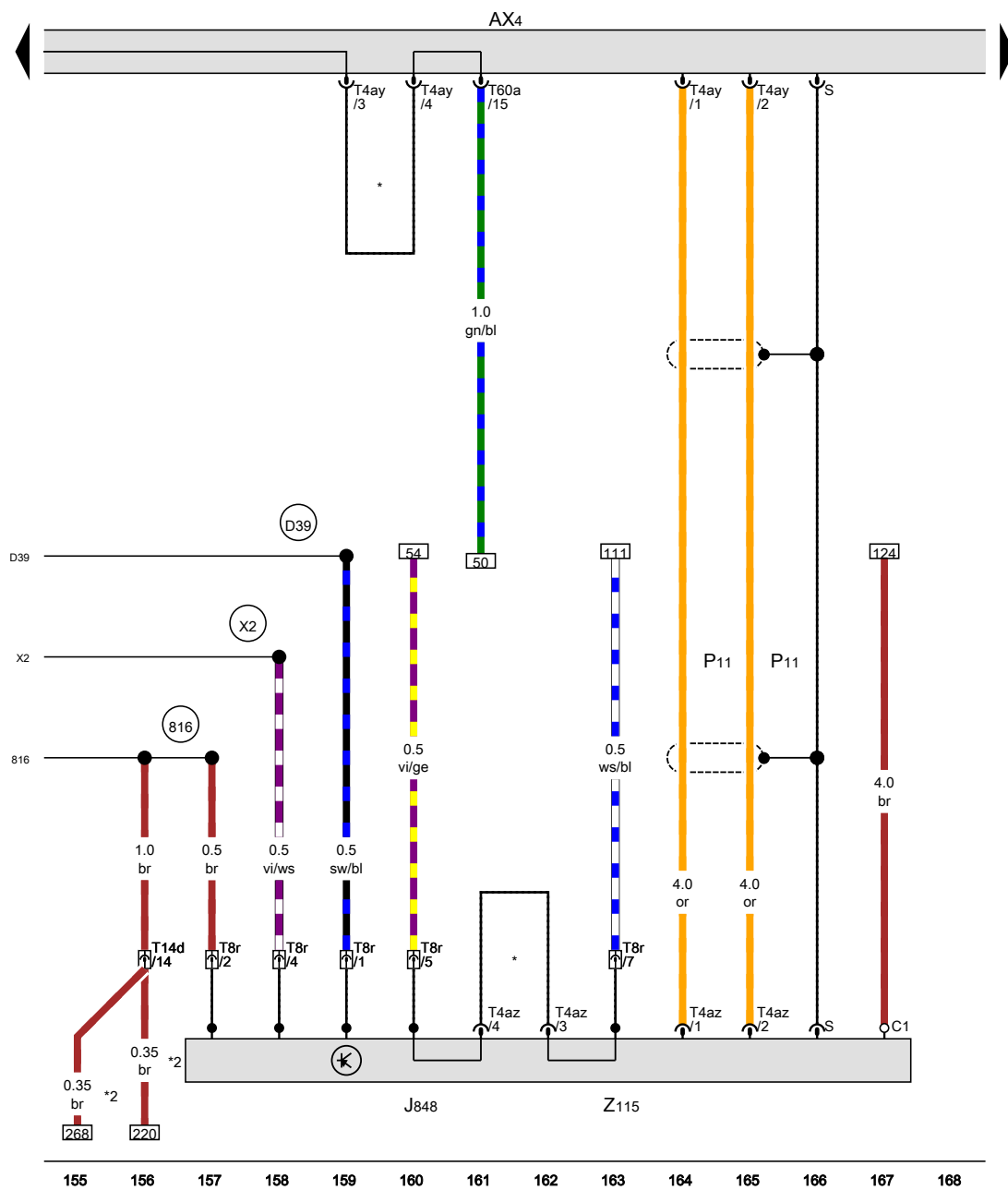
[8VA-140110719]



Charging unit 1 for high-voltage battery, Control unit for air conditioning compressor

- AX4 Charging unit 1 for high-voltage battery
- J842 Control unit for air conditioning compressor
- P3 High-voltage wire for electrical air conditioner compressor
- T4aw 4-pin connector
- T4ax 4-pin connector
- T8s 8-pin connector, black
- T14d 14-pin connector, on left in engine compartment, black
- T17c 17-pin connector, on lower section of left A-pillar, red
- V470 Electrical air conditioner compressor
- 816 Earth connection 1, in hybrid system wiring harness
- D39 Connection 1, in engine prewiring harness
- D221 Connection 9 (87a), in engine compartment wiring harness
- D233 Connection 2 (LIN bus) in engine compartment wiring harness
- X2 Connection 1 (LIN bus) in hybrid system wiring harness
- * see applicable current flow diagram for automatic air conditioning system
- *2 Pilot line

Charging unit 1 for high-voltage battery, High-voltage heater (PTC) control unit



- AX4 Charging unit 1 for high-voltage battery
- J848 High-voltage heater (PTC) control unit
- P11 High-voltage wire for high-voltage heater (PTC)
- T4ay 4-pin connector
- T4az 4-pin connector
- T8r 8-pin connector, black
- T14d 14-pin connector, on left in engine compartment, black
- T60a 60-pin connector, black
- Z115 High-voltage heater (PTC)

816 Earth connection 1, in hybrid system wiring harness

D39 Connection 1, in engine prewiring harness

X2 Connection 1 (LIN bus) in hybrid system wiring harness

* Pilot line

*2 According to equipment

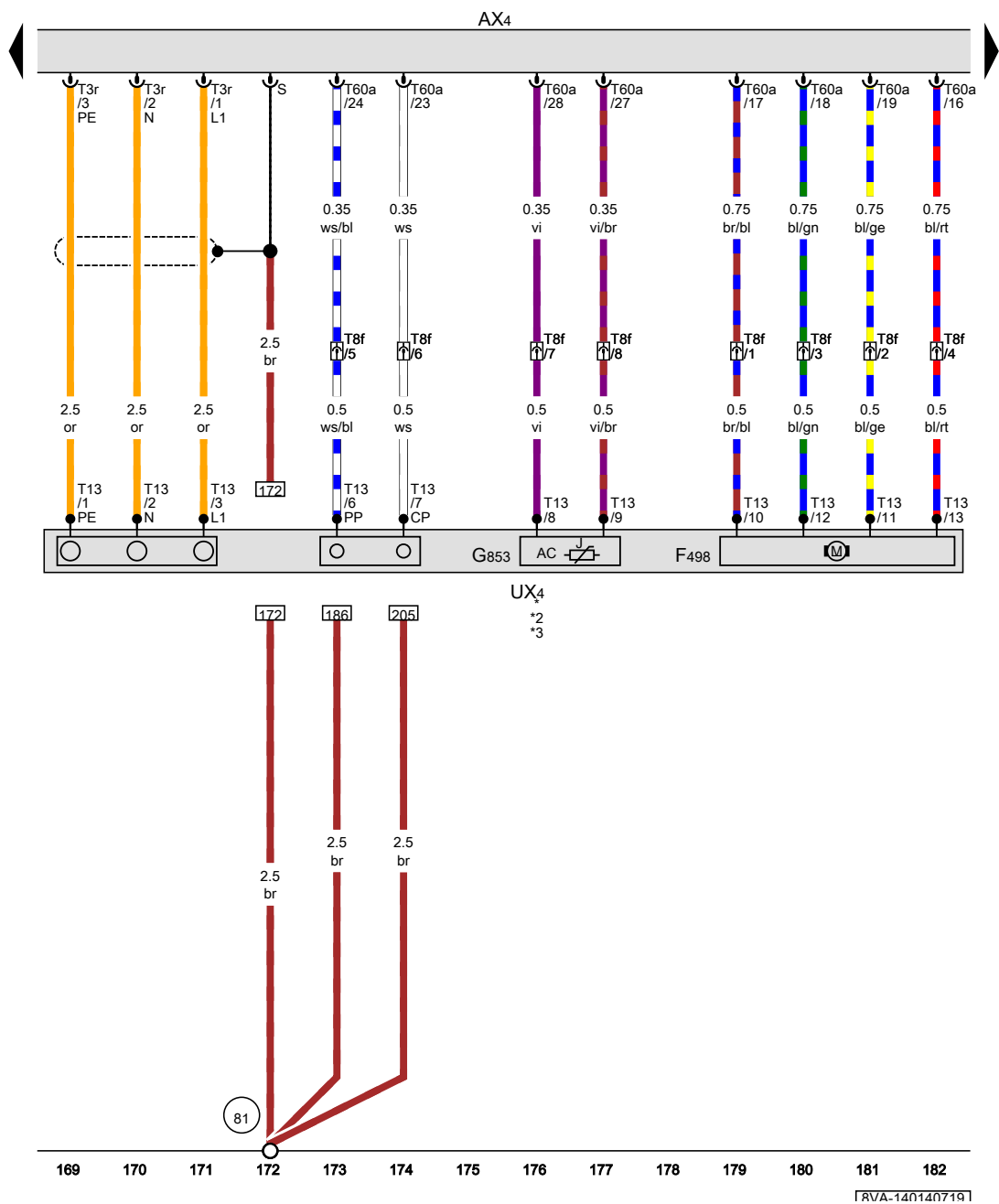
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Charging unit 1 for high-voltage battery, High-voltage battery charging socket 1

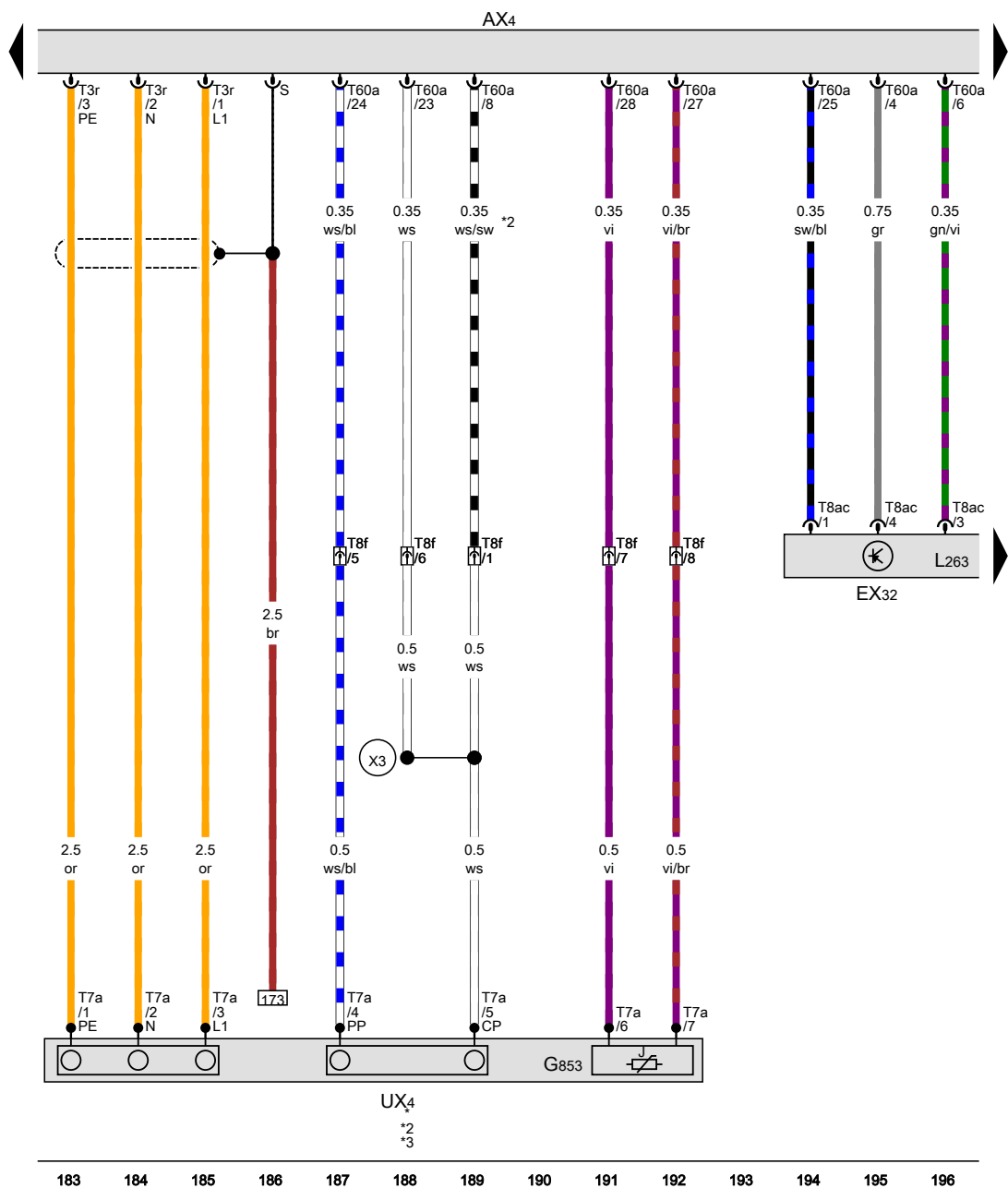
- AX4 Charging unit 1 for high-voltage battery
- F498 Actuator for high-voltage charging socket lock 1
- G853 Temperature sender for charging socket 1
- T3r 3-pin connector
- T8f 8-pin connector, black
- T13 13-pin connector
- T60a 60-pin connector, black
- UX4 High-voltage battery charging socket 1

81 Earth point in centre of engine compartment

- * For models with no equipment for Japan
- *2 For models with no US equipment
- *3 For models with no equipment for China



Charging unit 1 for high-voltage battery, Module for battery charge selector buttons, High-voltage battery charging socket 1



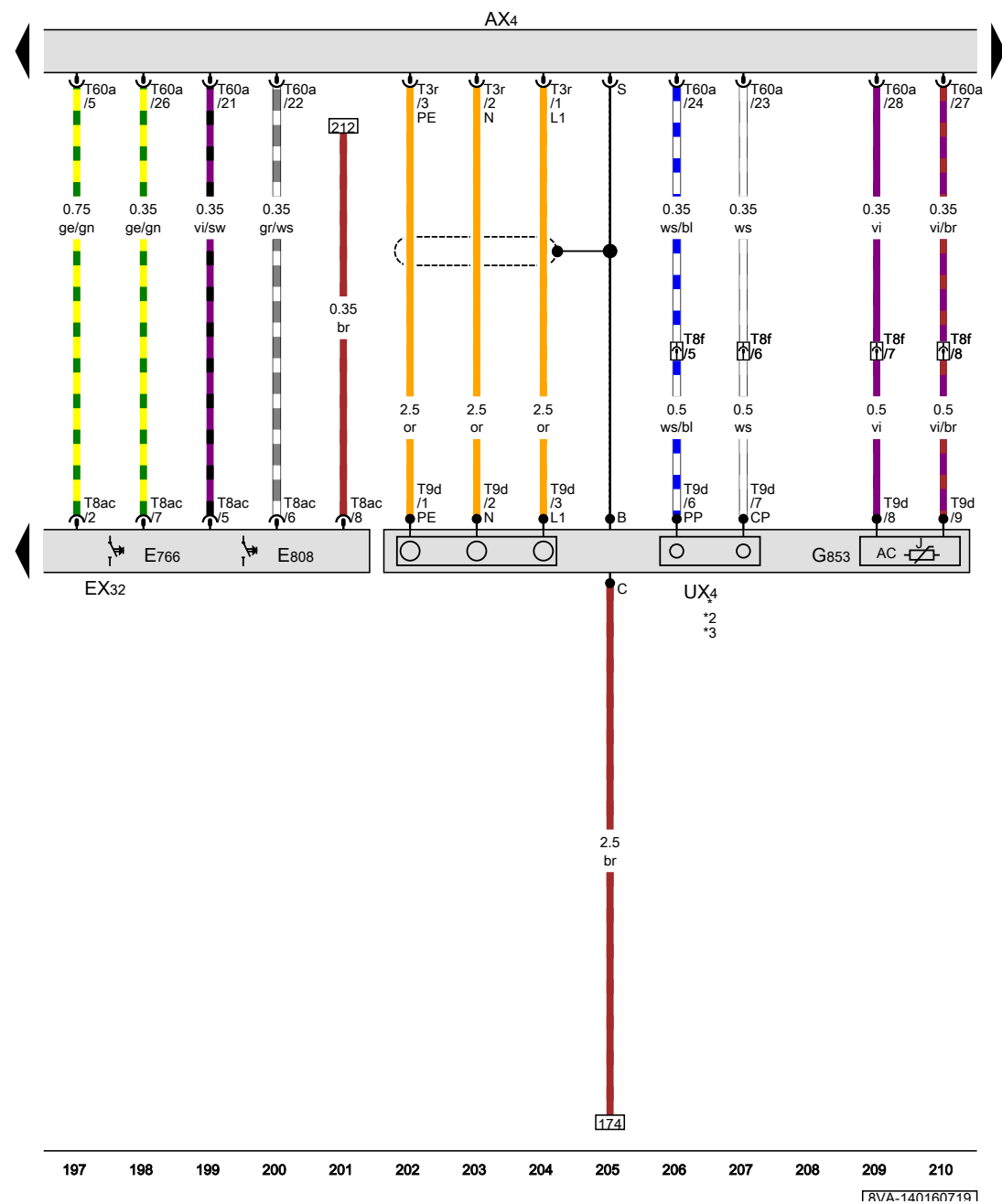
- AX4 Charging unit 1 for high-voltage battery
- EX32 Module for battery charge selector buttons
- G853 Temperature sender for charging socket 1
- L263 LED module for charging socket 1
- T3r 3-pin connector
- T7a 7-pin connector
- T8ac 8-pin connector, black
- T8f 8-pin connector, black
- T60a 60-pin connector, black
- UX4 High-voltage battery charging socket 1

X3 Connection 1, in hybrid system wiring harness

- * For models with equipment for Japan
- *2 For models with US equipment
- *3 For models with no equipment for China

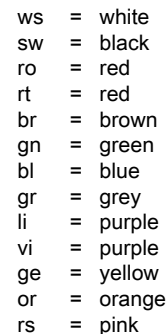
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Charging unit 1 for high-voltage battery, Module for battery charge selector buttons, High-voltage battery charging socket 1

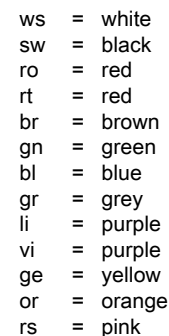


- AX4 Charging unit 1 for high-voltage battery
- EX32 Module for battery charge selector buttons
- E766 Immediate charge button
- E808 Charge profile selector button
- G853 Temperature sender for charging socket 1
- T3r 3-pin connector
- T8ac 8-pin connector, black
- T8f 8-pin connector, black
- T9d 9-pin connector
- T60a 60-pin connector, black
- UX4 High-voltage battery charging socket 1
- * For models with equipment for China
- *2 For models with no equipment for Japan
- *3 For models with no US equipment

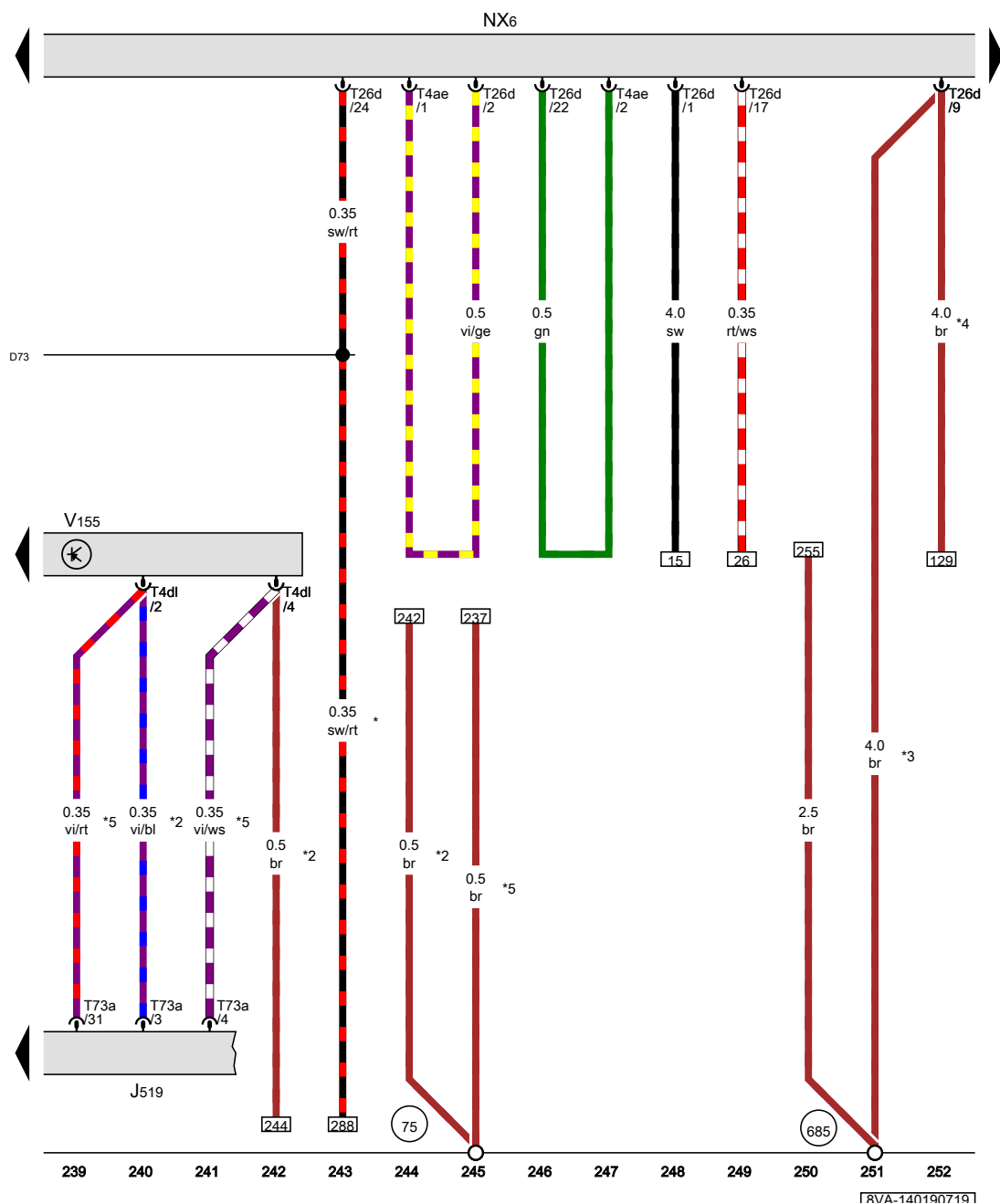
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



- * For left-hand drive models
- *2 According to equipment
- *3 Gradually discontinued
- *4 Up to October 2015
- *5 gradual introduction
- *6 From November 2015
- *7 Different wire colour possible



G100	Brake pedal position sender
G836	Brake pedal position sender 2
J519	Onboard supply control unit
J943	Engine sound generator control unit
NX6	Brake servo
R257	Actuator 1 for engine sound generator
T2fj	2-pin connector, black
T2nz	2-pin connector, black
T4dl	4-pin connector, black
T12l	12-pin connector, black
T17b	17-pin connector, on lower section of left A-pillar, brown
T17c	17-pin connector, on lower section of left A-pillar, red
T26d	26-pin connector, black
T46b	46-pin connector, black
T73a	73-pin connector, black
T73c	73-pin connector, black
V155	Tank filler flap locking motor
B335	Connection 1 (54), in main wiring harness
B466	Connection 2, in main wiring harness
D73	Positive connection (54), in engine compartment wiring harness
D102	Connection 2 in engine compartment wiring harness
*	Gradually discontinued
*2	gradual introduction
*3	Not for emission standard Euro 6 AM



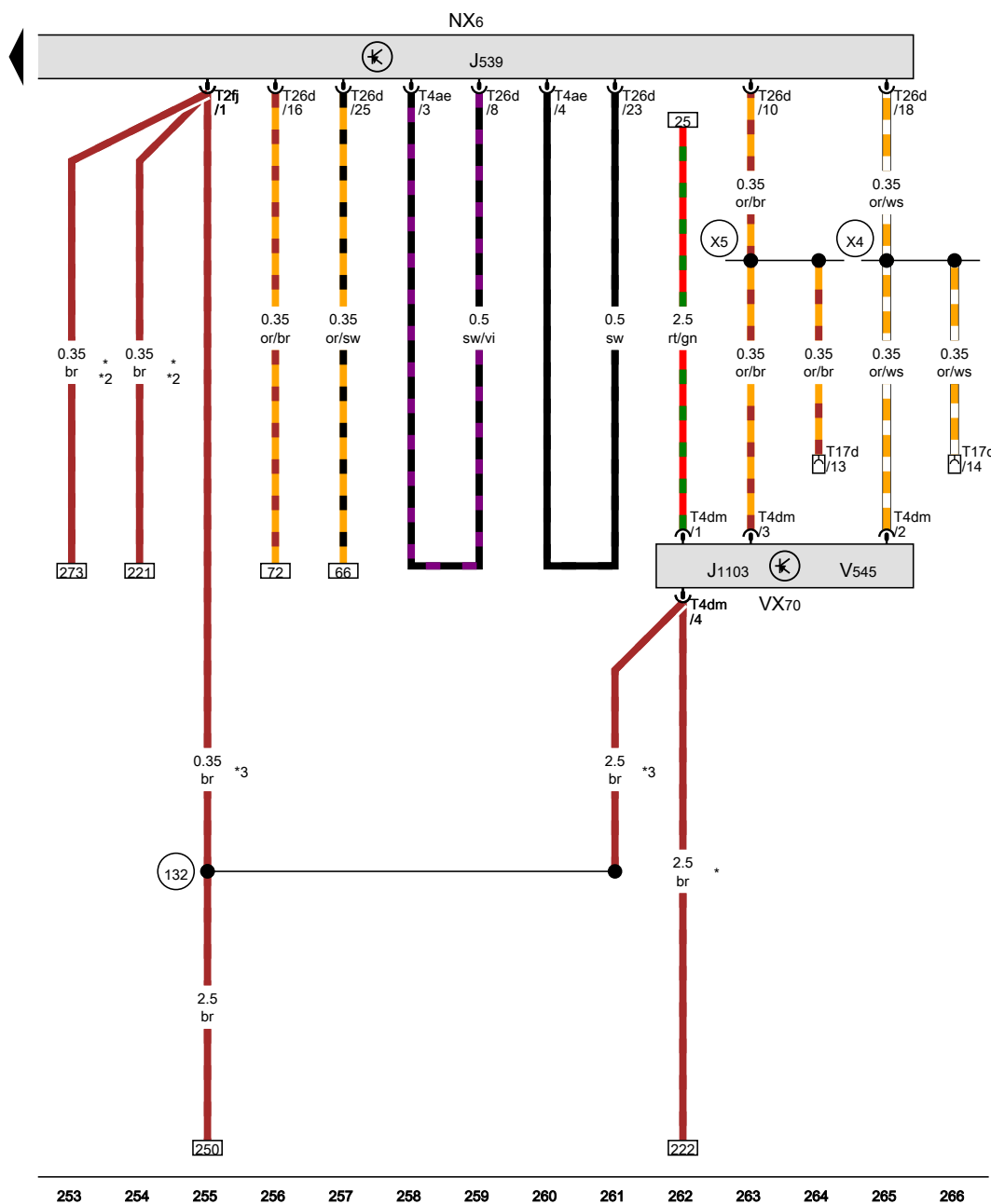
Onboard supply control unit, Brake servo, Tank filler flap locking motor

- J519 Onboard supply control unit
- NX6 Brake servo
- T4ae 4-pin connector, black
- T4dl 4-pin connector, black
- T26d 26-pin connector, black
- T73a 73-pin connector, black
- V155 Tank filler flap locking motor

- 75 Earth point, rear right pillar
- 685 Earth point 1, on front of right longitudinal member
- D73 Positive connection (54), in engine compartment wiring harness

- * For emission standard Euro 6 AM
- *2 Gradually discontinued
- *3 For right-hand drive models
- *4 For left-hand drive models
- *5 gradual introduction

- ws = white
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- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

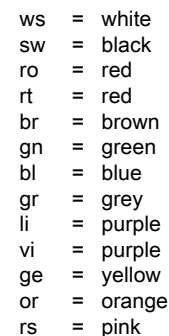


Brake servo, Brake system pressure accumulator

- J539 Brake servo control unit
- J1103 Control unit for brake pressure accumulator
- NX6 Brake servo
- T2f 2-pin connector, black
- T4ae 4-pin connector, black
- T4dm 4-pin connector, black
- T17d 17-pin connector, on lower section of left A-pillar, green
- T26d 26-pin connector, black
- VX70 Brake system pressure accumulator
- V545 Motor in brake pressure accumulator for energy recovery

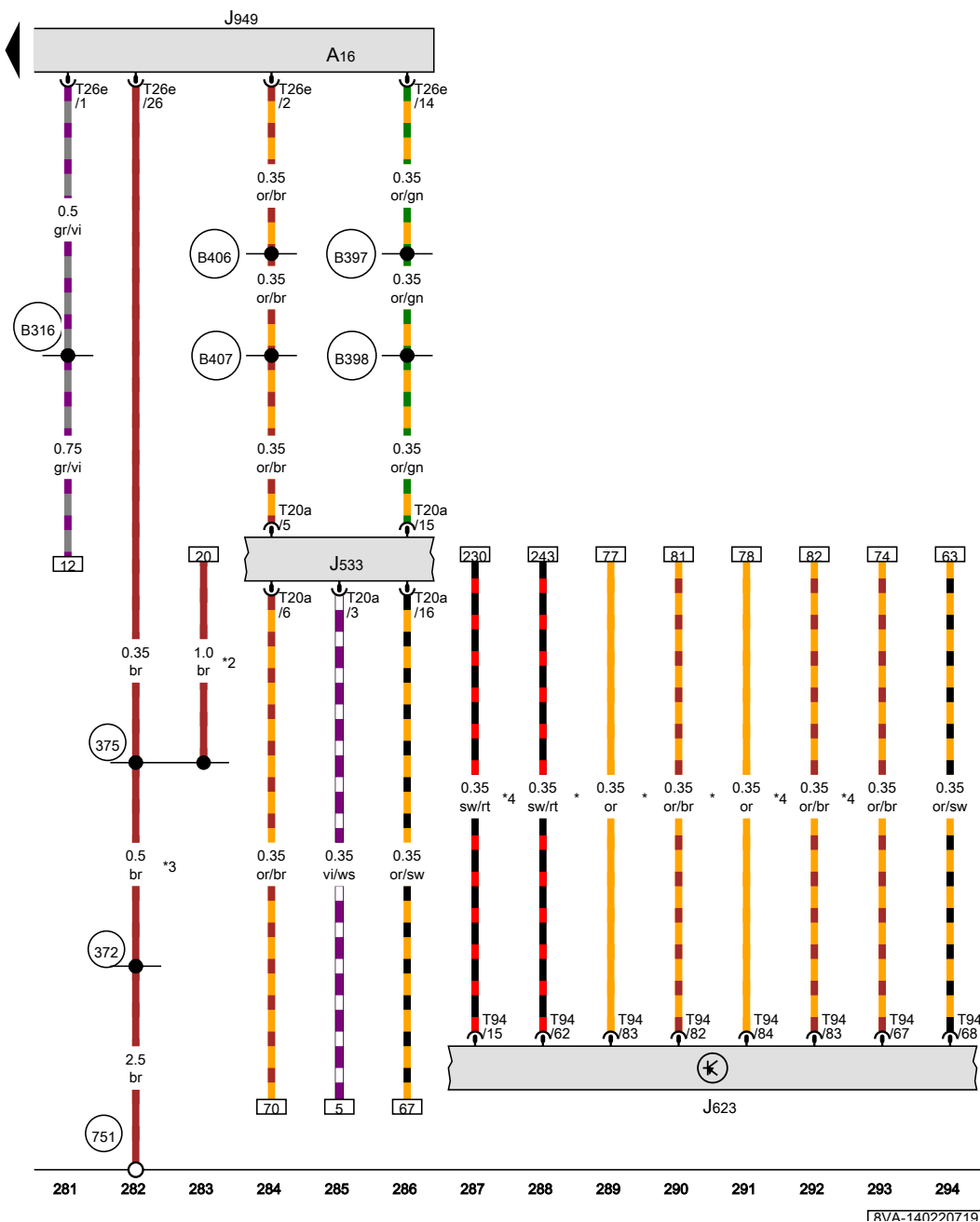
- 132 Earth connection 3, in engine compartment wiring harness
- X4 Connection 1 (CAN bus hybrid, high), in engine compartment wiring harness
- X5 Connection 1 (CAN bus hybrid, low), in engine compartment wiring harness
- * For left-hand drive models
- *2 According to equipment
- *3 For right-hand drive models

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
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J949	Emergency call module control unit and communication unit
N541	Refrigerant shut-off valve for heater and air conditioner unit
N542	Refrigerant shut-off valve for high-voltage battery heat exchanger
R50	GPS aerial
R205	GSM aerial
R216	Roof aerial
T2aj	2-pin connector, blue
T2an	2-pin connector, purple
T2ig	2-pin connector, black
T2ih	2-pin connector, black
T2rm	2-pin connector
T4bn	4-pin connector, purple
T17d	17-pin connector, on lower section of left A-pillar, green
85	Earth connection 1, in engine compartment wiring harness
*	see applicable current flow diagram for automatic air conditioning system
*2	For models with no navigation system
*3	Up to October 2016
*4	According to equipment
*5	From November 2016
*6	For left-hand drive models

Data bus diagnostic interface, Engine/motor control unit, Emergency call module control unit and communication unit



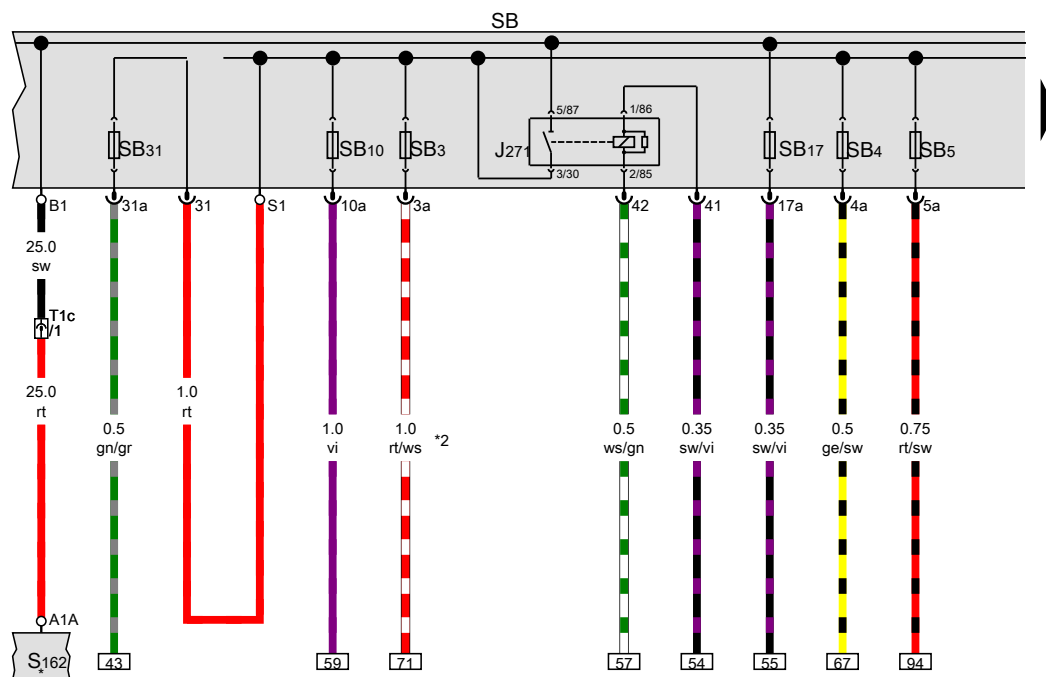
- A16 Emergency battery, telematics
- J533 Data bus diagnostic interface
- J623 Engine/motor control unit
- J949 Emergency call module control unit and communication unit
- T20a 20-pin connector, red
- T26e 26-pin connector, black
- T94 94-pin connector, black

- 372 Earth connection 7, in main wiring harness
- 375 Earth connection 10, in main wiring harness
- 751 Earth point 2, on right A-pillar
- B316 Positive connection 2 (30a) in main wiring harness
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness

- * For emission standard Euro 6 AM
- *2 For left-hand drive models
- *3 For right-hand drive models
- *4 Not for emission standard Euro 6 AM

1.4l petrol engine , CUKB,CXUA

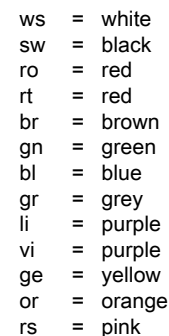
From October 2015



Main relay, Fuse holder B

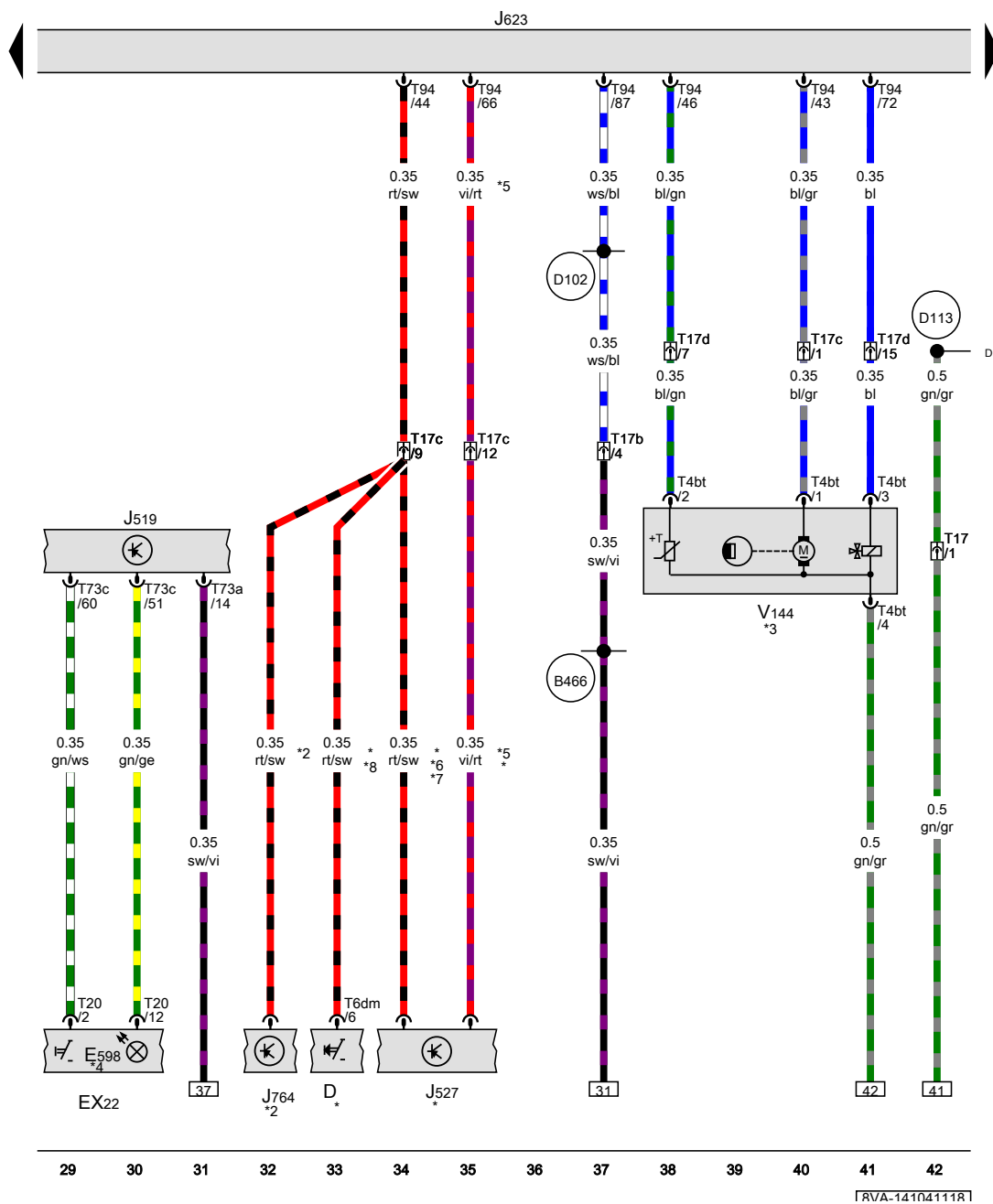
- J271 Main relay
- SB Fuse holder B
- SB3 Fuse 3 on fuse holder B
- SB4 Fuse 4 on fuse holder B
- SB5 Fuse 5 on fuse holder B
- SB10 Fuse 10 on fuse holder B
- SB17 Fuse 17 on fuse holder B
- SB31 Fuse 31 on fuse holder B
- S162 Fuse 1 (30), in battery fuse holder
- T1c 1-pin connector
- * see applicable current flow diagram for high-voltage system
- *2 Wiring colour depends on equipment

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
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F378	Oil pressure switch for reduced oil pressure
G61	Knock sensor 1
J299	Secondary air pump relay
J623	Engine/motor control unit
SB	Fuse holder B
SB7	Fuse 7 on fuse holder B
SB8	Fuse 8 on fuse holder B
SB9	Fuse 9 on fuse holder B
SB11	Fuse 11 on fuse holder B
T1i	1-pin connector, black
T2if	2-pin connector, black
T60	60-pin connector, black
*	For models with US equipment
*2	Earth supply via housing

Centre switch module in dash panel, Onboard supply control unit, Steering column electronics control unit, Engine/motor control unit, Fuel system diagnostic pump

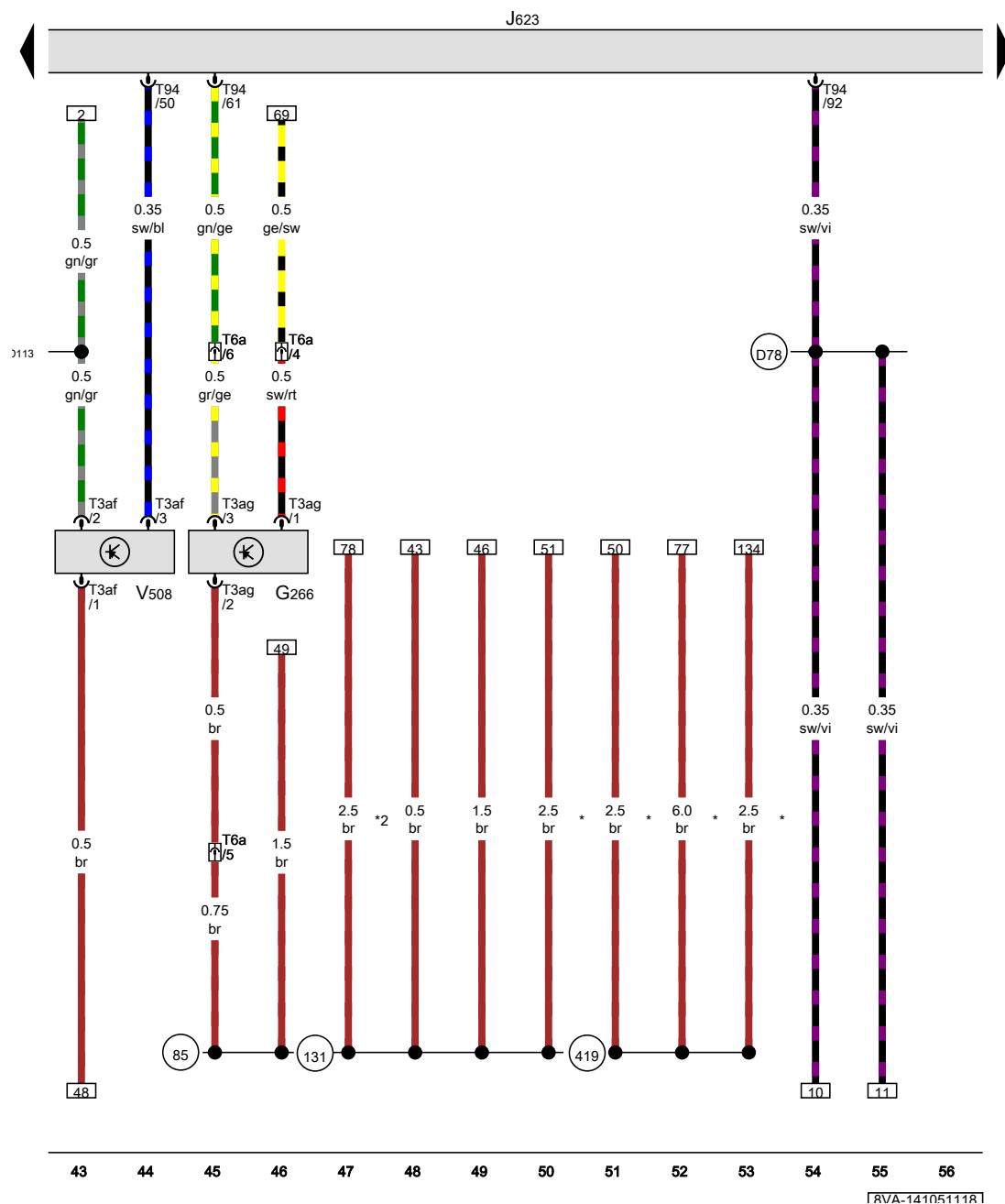


- D Ignition/starter switch
- EX22 Centre switch module in dash panel
- E598 Driving program button
- J519 Onboard supply control unit
- J527 Steering column electronics control unit
- J623 Engine/motor control unit
- J764 Control unit for electronic steering column lock
- T4bt 4-pin connector, black
- T6dm 6-pin connector, black
- T17 17-pin connector, on lower section of left A-pillar, blue
- T17b 17-pin connector, on lower section of left A-pillar, brown
- T17c 17-pin connector, on lower section of left A-pillar, red
- T17d 17-pin connector, on lower section of left A-pillar, green
- T20 20-pin connector, red
- T73a 73-pin connector, black
- T73c 73-pin connector, black
- T94 94-pin connector, black
- V144 Fuel system diagnostic pump

- B466 Connection 2, in main wiring harness
- D102 Connection 2 in engine compartment wiring harness
- D113 Connection 11 in engine compartment wiring harness

- * see applicable current flow diagram for steering column electronics
- *2 see applicable current flow diagram for entry and start authorisation
- *3 For models with US equipment
- *4 If fitted
- *5 For models with cruise control system (CCS)
- *6 For models with no entry and start authorisation
- *7 Up to June 2018
- *8 From July 2018

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
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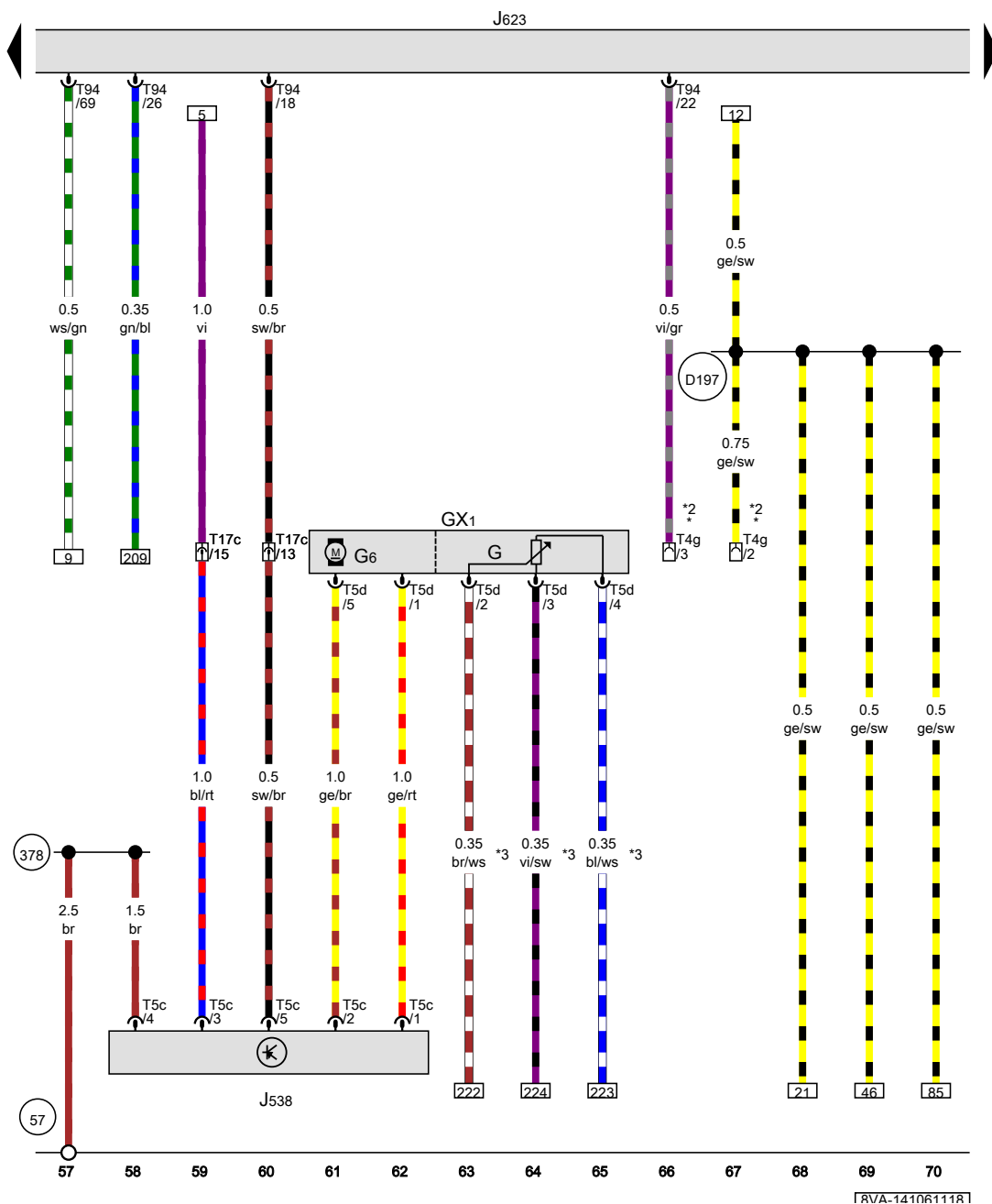
Oil level and oil temperature sender, Engine/motor control unit

- G266 Oil level and oil temperature sender
- J623 Engine/motor control unit
- T3af 3-pin connector, black
- T3ag 3-pin connector, black
- T6a 6-pin connector, black
- T94 94-pin connector, black
- V508 Coolant circulation pump before power and control electronics for electric drive

- 85 Earth connection 1, in engine compartment wiring harness
- 131 Earth connection 2, in engine compartment wiring harness
- 419 Earth connection 11, in engine compartment wiring harness
- D78 Positive connection 1 (30a), in engine compartment wiring harness
- D113 Connection 11 in engine compartment wiring harness

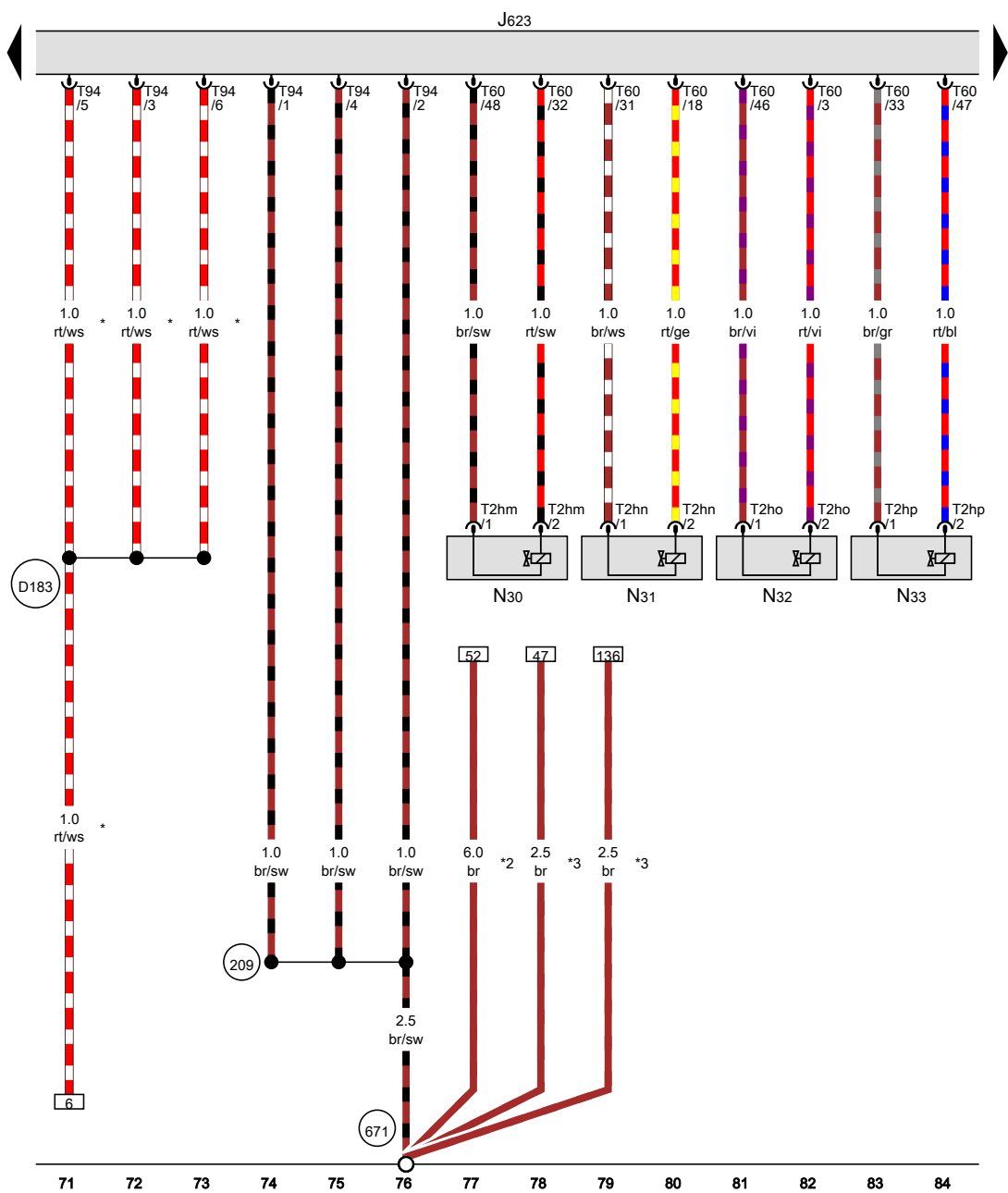
- * gradual introduction
- *2 Gradually discontinued

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Fuel gauge sender, Fuel delivery unit, Fuel system pressurisation pump, Engine/motor control unit

- G Fuel gauge sender
- GX1 Fuel delivery unit
- G6 Fuel system pressurisation pump
- J538 Fuel pump control unit
- J623 Engine/motor control unit
- T4g 4-pin connector, black
- T5c 5-pin connector, black
- T5d 5-pin connector, black
- T17c 17-pin connector, on lower section of left A-pillar, red
- T94 94-pin connector, black
- 57 Earth point, rear left pillar
- 378 Earth connection 13, in main wiring harness
- D197 Connection 5 (87a), in engine compartment wiring harness
- * Radiator fan connection
- *2 see applicable current flow diagram for radiator fan
- *3 see applicable current flow diagram for fuel system



Engine/motor control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

- J623 Engine/motor control unit
- N30 Injector, cylinder 1
- N31 Injector, cylinder 2
- N32 Injector, cylinder 3
- N33 Injector, cylinder 4
- T2hm 2-pin connector, black
- T2hn 2-pin connector, black
- T2ho 2-pin connector, black
- T2hp 2-pin connector, black
- T60 60-pin connector, black
- T94 94-pin connector, black

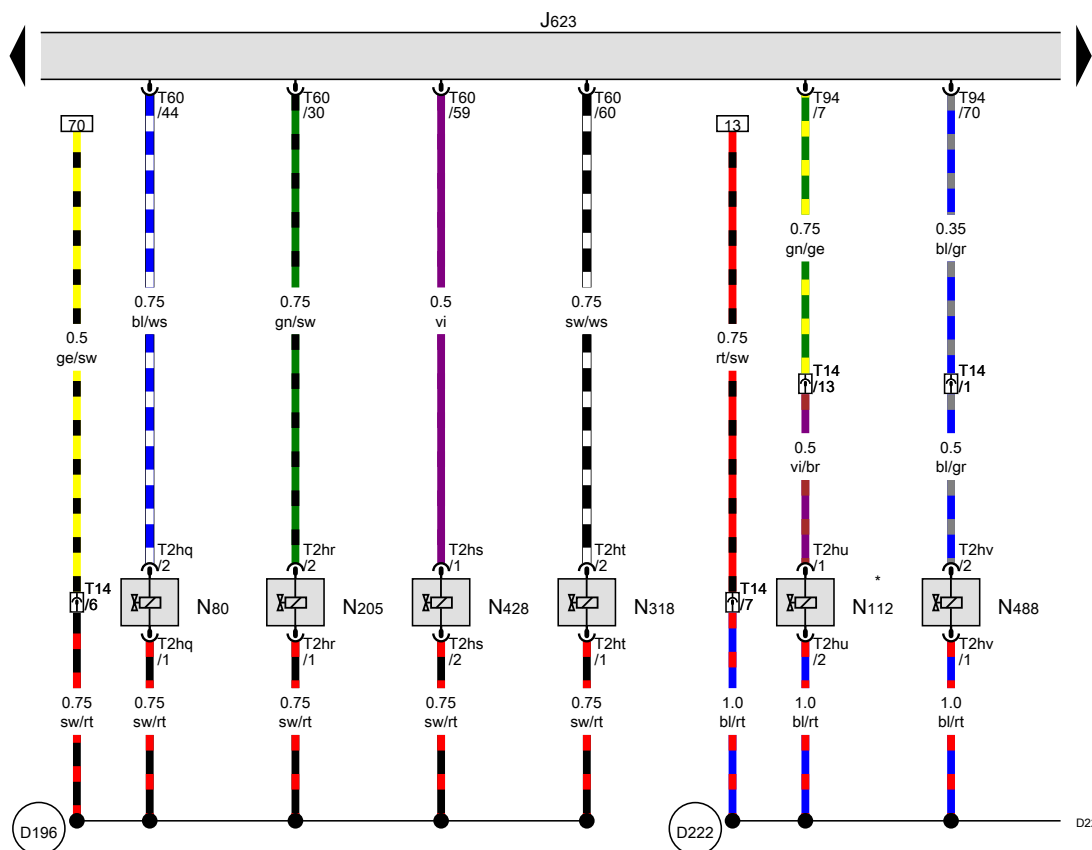
209 Earth connection 6, in engine compartment wiring harness

671 Earth point 1, on front of left longitudinal member

D183 Connection 4 (87a), in engine compartment wiring harness

- * Wiring colour depends on equipment
- *2 gradual introduction
- *3 Gradually discontinued

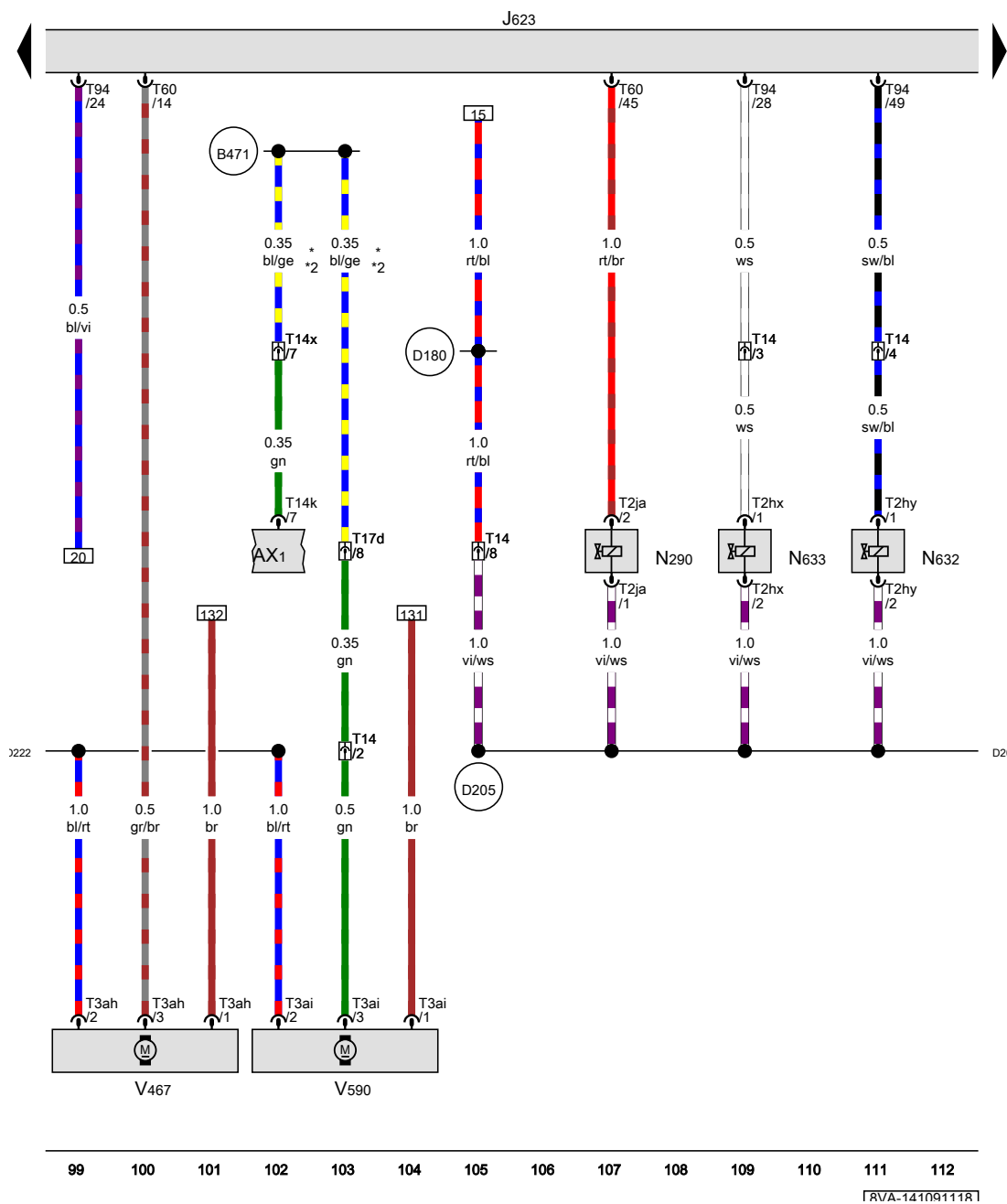
ws = white
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rt = red
br = brown
gn = green
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gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink



Engine/motor control unit, Activated charcoal filter solenoid valve 1, Secondary air inlet valve, Camshaft control valve 1, Exhaust camshaft control valve 1, Valve for oil pressure control, Coolant valve for gearbox

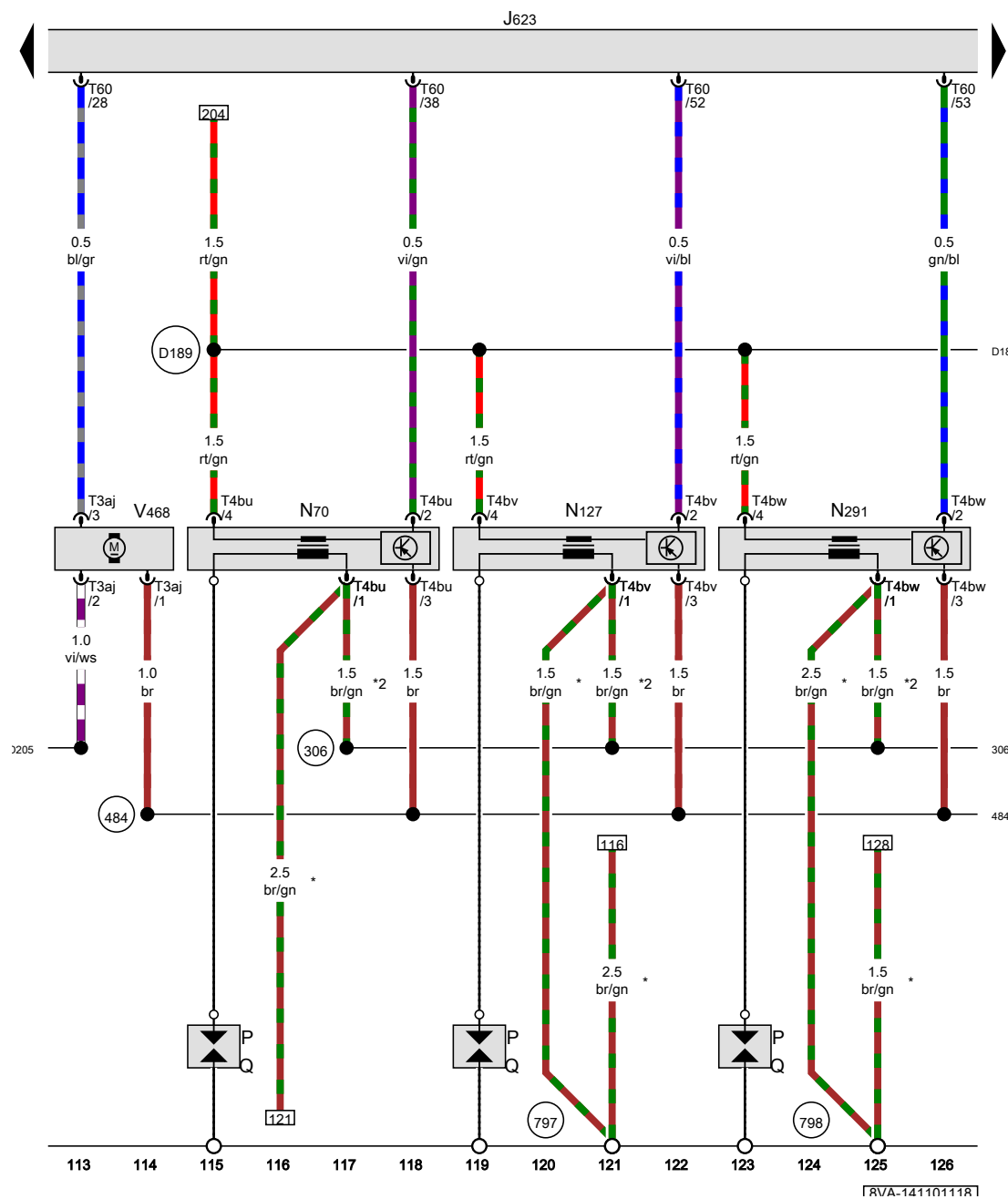
- J623 Engine/motor control unit
- N80 Activated charcoal filter solenoid valve 1
- N112 Secondary air inlet valve
- N205 Camshaft control valve 1
- N318 Exhaust camshaft control valve 1
- N428 Valve for oil pressure control
- N488 Coolant valve for gearbox
- T2hq 2-pin connector, black
- T2hr 2-pin connector, black
- T2hs 2-pin connector, black
- T2ht 2-pin connector, black
- T2hu 2-pin connector, black
- T2hv 2-pin connector, black
- T14 14-pin connector, on left in engine compartment, grey
- T60 60-pin connector, black
- T94 94-pin connector, black
- D196 Connection 2 (87a) in engine prewiring harness
- D222 Connection 10 (87a), in engine compartment wiring harness
- * For models with US equipment

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



Engine/motor control unit, Fuel metering valve, Coolant changeover valve 1, Coolant changeover valve 2, Coolant pump for high-temperature circuit, Coolant pump for high-voltage battery

- AX1 Hybrid battery unit
- J623 Engine/motor control unit
- N290 Fuel metering valve
- N632 Coolant changeover valve 1
- N633 Coolant changeover valve 2
- T2hx 2-pin connector, black
- T2hy 2-pin connector, black
- T2ja 2-pin connector, black
- T3ah 3-pin connector, black
- T3ai 3-pin connector, black
- T14 14-pin connector, on left in engine compartment, grey
- T14k 14-pin connector, black
- T14x 14-pin connector, black
- T17d 17-pin connector, on lower section of left A-pillar, green
- T60 60-pin connector, black
- T94 94-pin connector, black
- V467 Coolant pump for high-temperature circuit
- V590 Coolant pump for high-voltage battery
- B471 Connection 7, in main wiring harness
- D180 Connection (87a), in engine compartment wiring harness
- D205 Connection 3 (87a) in engine prewiring harness
- D222 Connection 10 (87a), in engine compartment wiring harness
- * According to equipment
- *2 see applicable current flow diagram for high-voltage system



Engine/motor control unit, Ignition coil 1 with output stage, Ignition coil 2 with output stage, Ignition coil 3 with output stage, Coolant pump for low-temperature circuit

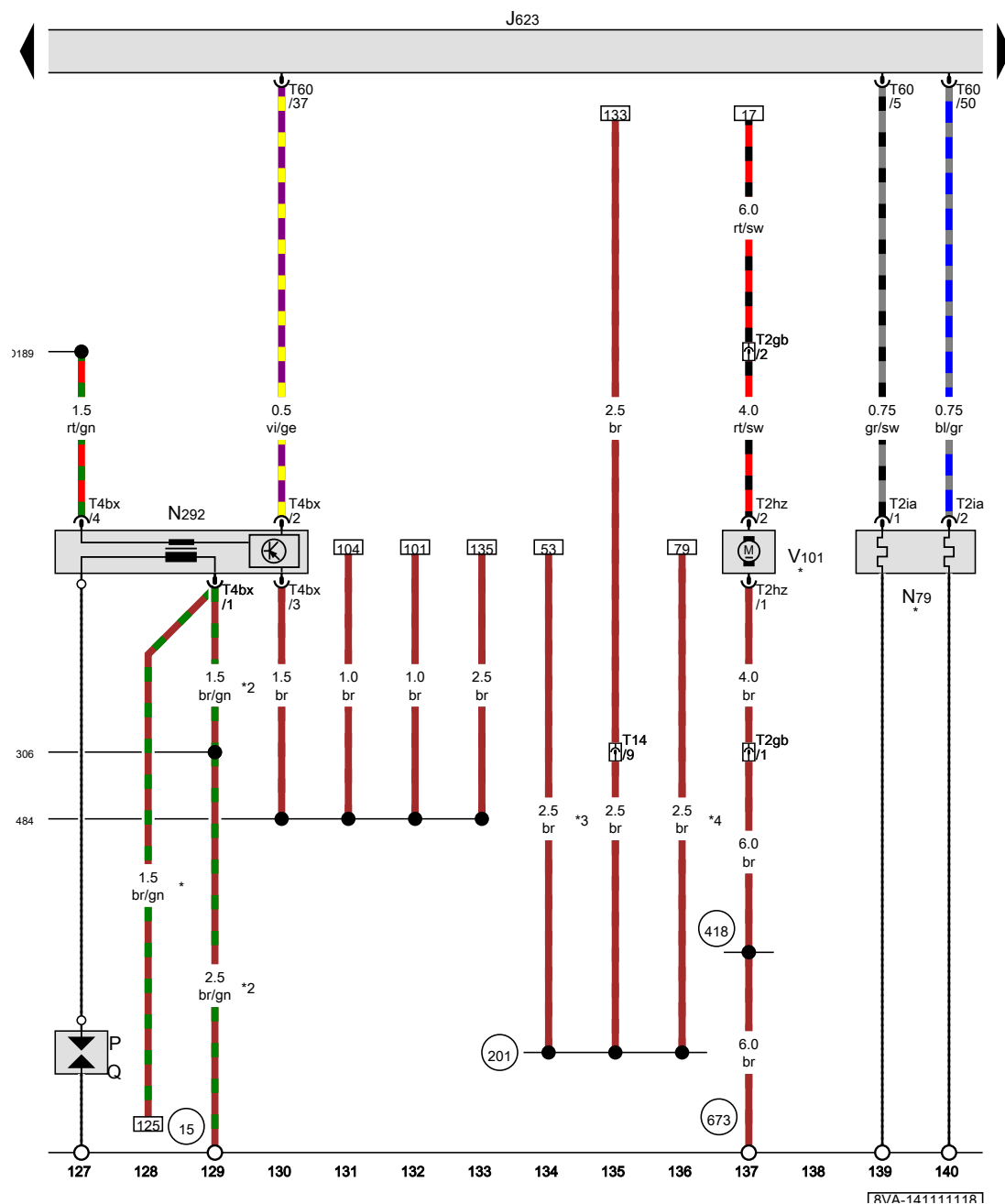
- J623 Engine/motor control unit
- N70 Ignition coil 1 with output stage
- N127 Ignition coil 2 with output stage
- N291 Ignition coil 3 with output stage
- P Spark plug connector
- Q Spark plugs
- T3aj 3-pin connector, black
- T4bu 4-pin connector, black
- T4bv 4-pin connector, black
- T4bw 4-pin connector, black
- T60 60-pin connector, black
- V468 Coolant pump for low-temperature circuit
- 306 Earth connection (ignition coils), in engine prewiring harness
- 484 Earth connection 2 (ignition coils), in engine prewiring harness
- 797 Earth point on cylinder block for ignition coil, cylinders 1 and 2
- 798 Earth point on cylinder block for ignition coil, cylinders 3 and 4
- D189 Connection (87a) in engine prewiring harness
- D205 Connection 3 (87a) in engine prewiring harness
- * For models with US equipment
- *2 For models with no US equipment

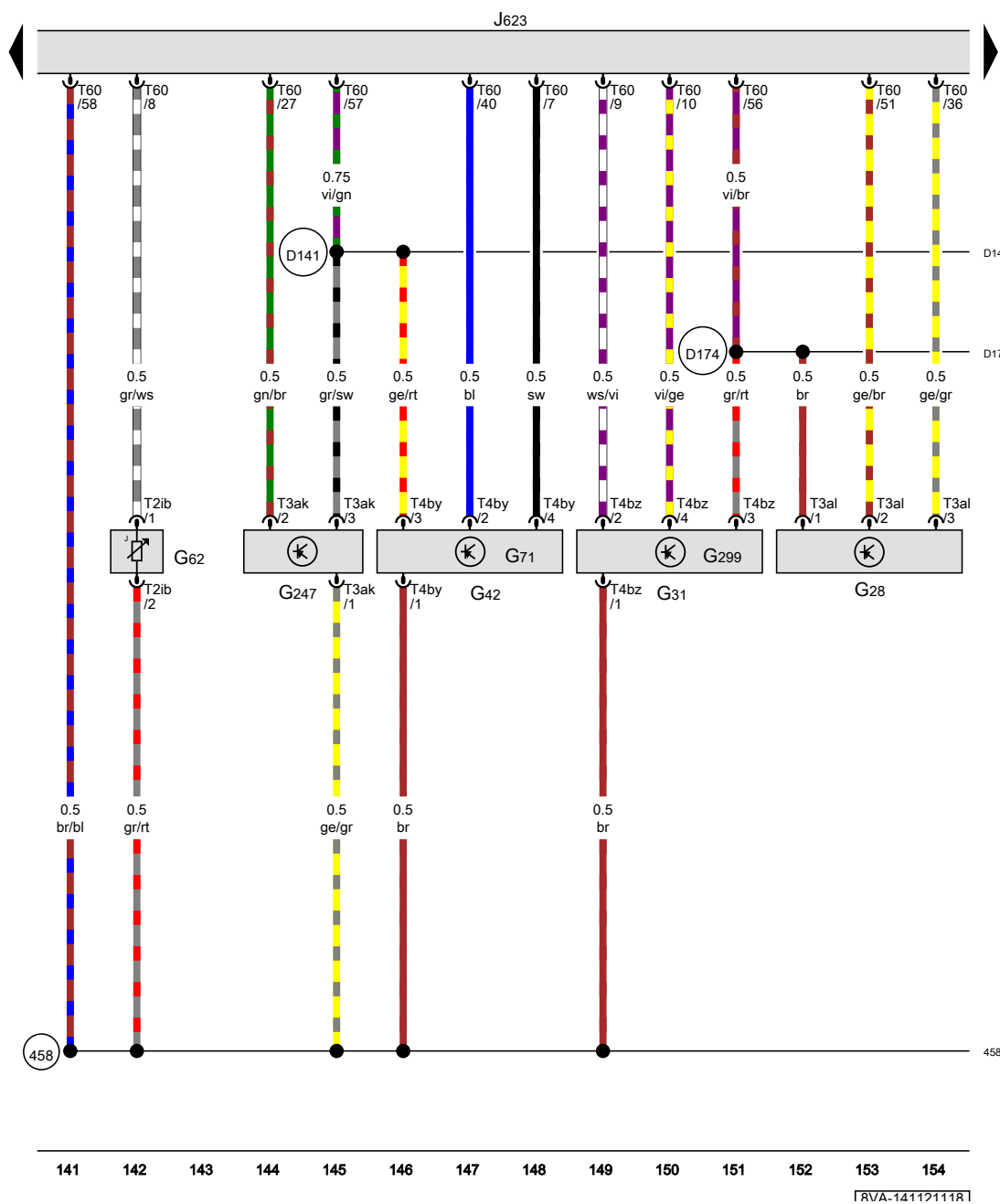
J623	Engine/motor control unit
N79	Heater element for crankcase breather
N292	Ignition coil 4 with output stage
P	Spark plug connector
Q	Spark plugs
T2gb	2-pin connector, on left in engine compartment, black
T2hz	2-pin connector, black
T2ia	2-pin connector, black
T4bx	4-pin connector, black
T14	14-pin connector, on left in engine compartment, grey
T60	60-pin connector, black
V101	Secondary air pump motor

- 15 Earth point, on cylinder head
- 201 Earth connection 5, in engine compartment wiring harness
- 306 Earth connection (ignition coils), in engine prewiring harness
- 418 Earth connection 10, in engine compartment wiring harness
- 484 Earth connection 2 (ignition coils), in engine prewiring harness
- 673 Earth point 3, on front of left longitudinal member
- D189 Connection (87a) in engine prewiring harness

- * For models with US equipment
- *2 For models with no US equipment
- *3 gradual introduction
- *4 Gradually discontinued

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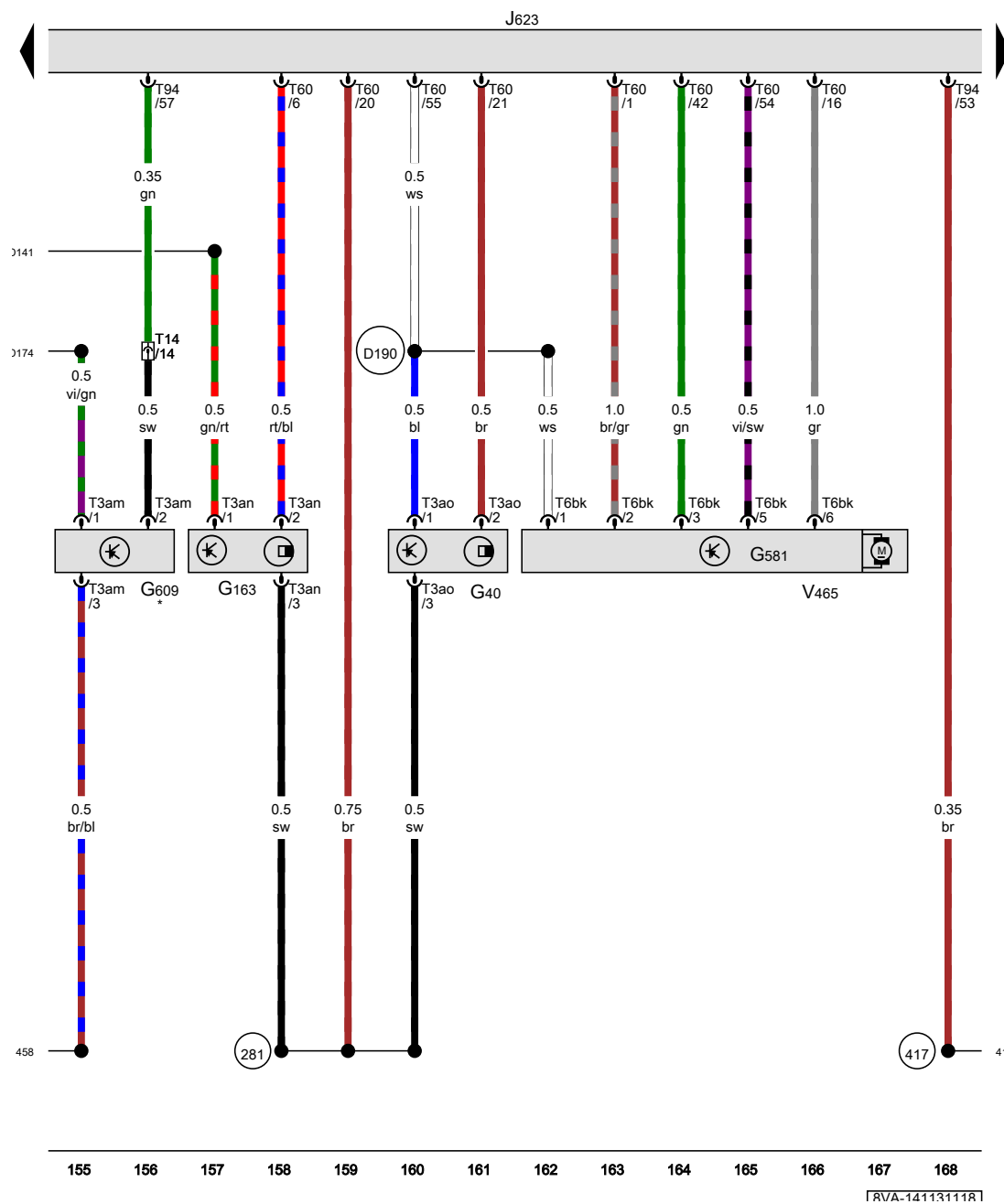
Engine speed sender, Charge pressure sender, Intake air temperature sender, Coolant temperature sender, Intake manifold pressure sender, Fuel pressure sender, Intake air temperature sender 2, Engine/motor control unit

- G28 Engine speed sender
- G31 Charge pressure sender
- G42 Intake air temperature sender
- G62 Coolant temperature sender
- G71 Intake manifold pressure sender
- G247 Fuel pressure sender
- G299 Intake air temperature sender 2
- J623 Engine/motor control unit
- T2ib 2-pin connector, black
- T3ak 3-pin connector, black
- T3al 3-pin connector, black
- T4by 4-pin connector, black
- T4bz 4-pin connector, black
- T60 60-pin connector, black

458 Earth point 3, engine prewiring harness

D141 Connection (5V) in engine prewiring harness

D174 Connection 2 (5V) in engine prewiring harness

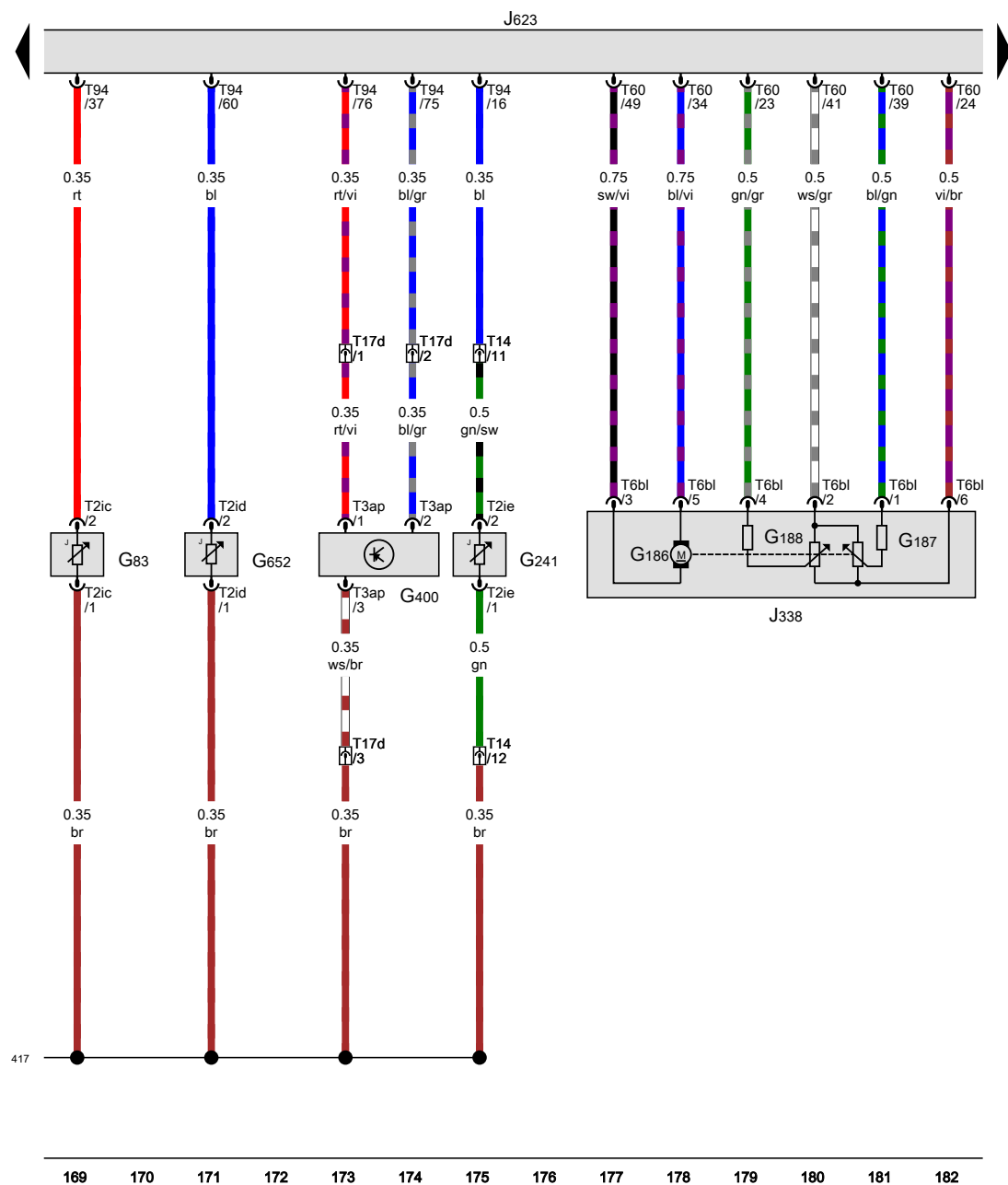


Hall sender, Hall sender 2, Sender 1 for secondary air pressure, Engine/motor control unit, Charge pressure positioner

- G40 Hall sender
- G163 Hall sender 2
- G581 Position sender for charge pressure positioner
- G609 Sender 1 for secondary air pressure
- J623 Engine/motor control unit
- T3am 3-pin connector, black
- T3an 3-pin connector, black
- T3ao 3-pin connector, black
- T6bk 6-pin connector, grey
- T14 14-pin connector, on left in engine compartment, grey
- T60 60-pin connector, black
- T94 94-pin connector, black
- V465 Charge pressure positioner

- 281 Earth point 1, engine prewiring harness
- 417 Earth connection 9, in engine compartment wiring harness
- 458 Earth point 3, engine prewiring harness
- D141 Connection (5V) in engine prewiring harness
- D174 Connection 2 (5V) in engine prewiring harness
- D190 Connection 3 (5V) in engine prewiring harness

* For models with US equipment

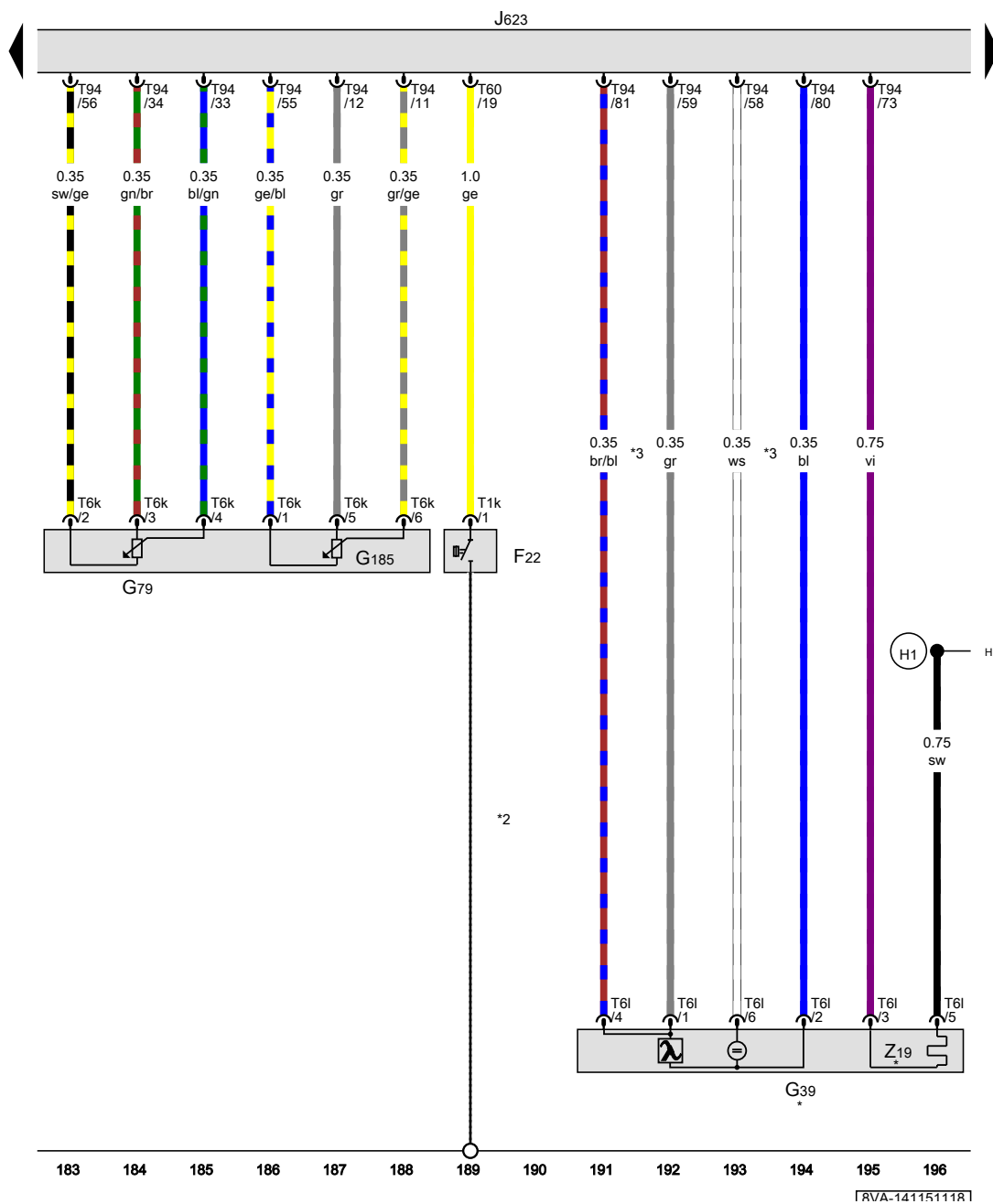


Radiator outlet coolant temperature sender, Tank pressure sensor, Engine temperature sender 2, Throttle valve module, Engine/motor control unit

- G83 Radiator outlet coolant temperature sender
- G186 Throttle valve drive for electric throttle
- G187 Throttle valve drive angle sender 1 for electric throttle
- G188 Throttle valve drive angle sender 2 for electric throttle
- G241 Coolant temperature sender for heater
- G400 Tank pressure sensor
- G652 Engine temperature sender 2
- J338 Throttle valve module
- J623 Engine/motor control unit
- T2ic 2-pin connector, black
- T2id 2-pin connector, black
- T2ie 2-pin connector, black
- T3ap 3-pin connector, black
- T6bl 6-pin connector, black
- T14 14-pin connector, on left in engine compartment, grey
- T17d 17-pin connector, on lower section of left A-pillar, green
- T60 60-pin connector, black
- T94 94-pin connector, black

417 Earth connection 9, in engine compartment wiring harness

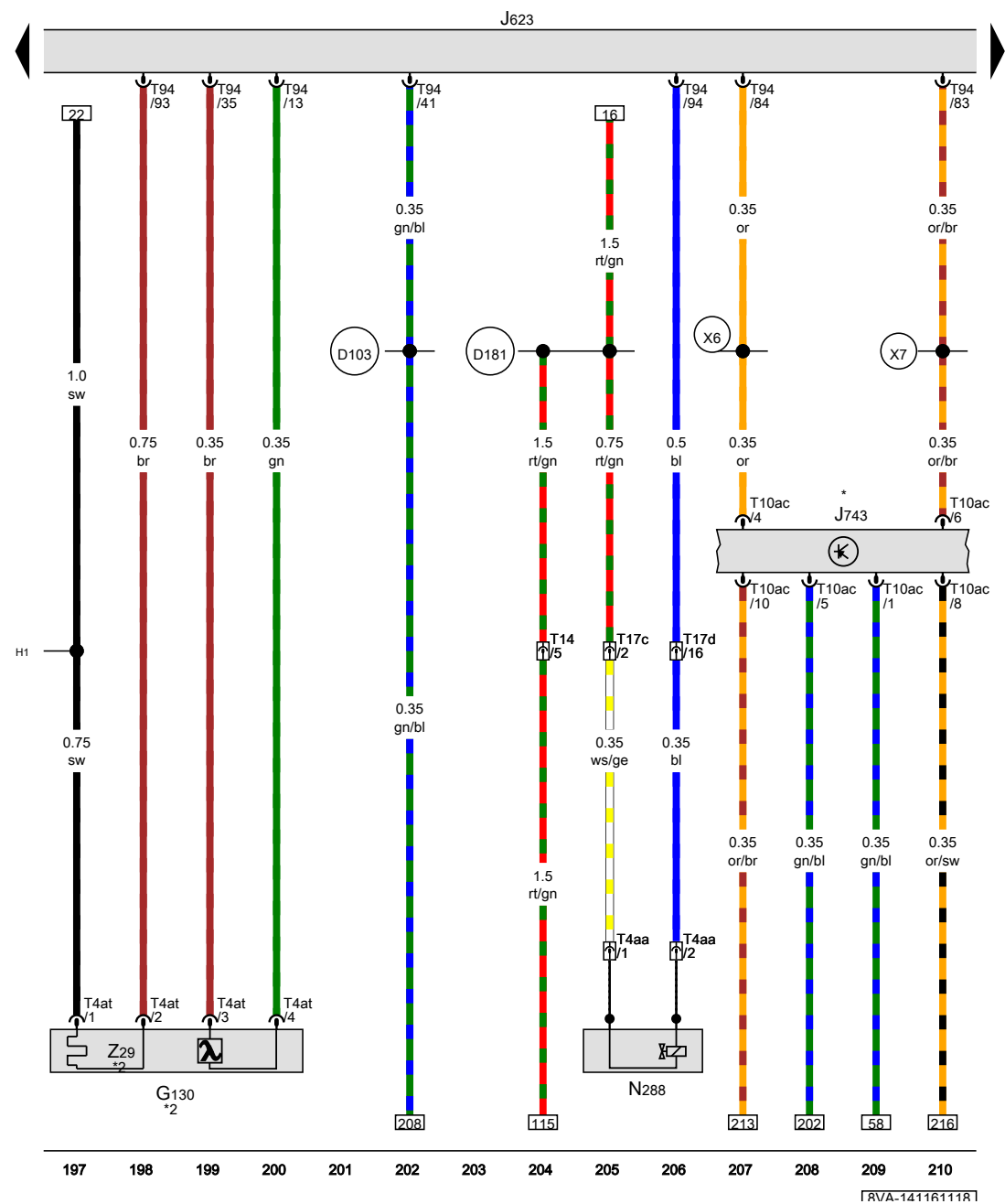
Oil pressure switch, Lambda probe, Accelerator position sender, Accelerator position sender 2, Engine/motor control unit, Lambda probe heater



- F22 Oil pressure switch
- G39 Lambda probe
- G79 Accelerator position sender
- G185 Accelerator position sender 2
- J623 Engine/motor control unit
- T1k 1-pin connector, blue
- T6k 6-pin connector, black
- T6l 6-pin connector, black
- T60 60-pin connector, black
- T94 94-pin connector, black
- Z19 Lambda probe heater

- H1 Positive connection, in Lambda wiring harness
- * Pre-wired component
- *2 Earth supply via housing
- *3 Wiring colour depends on equipment

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

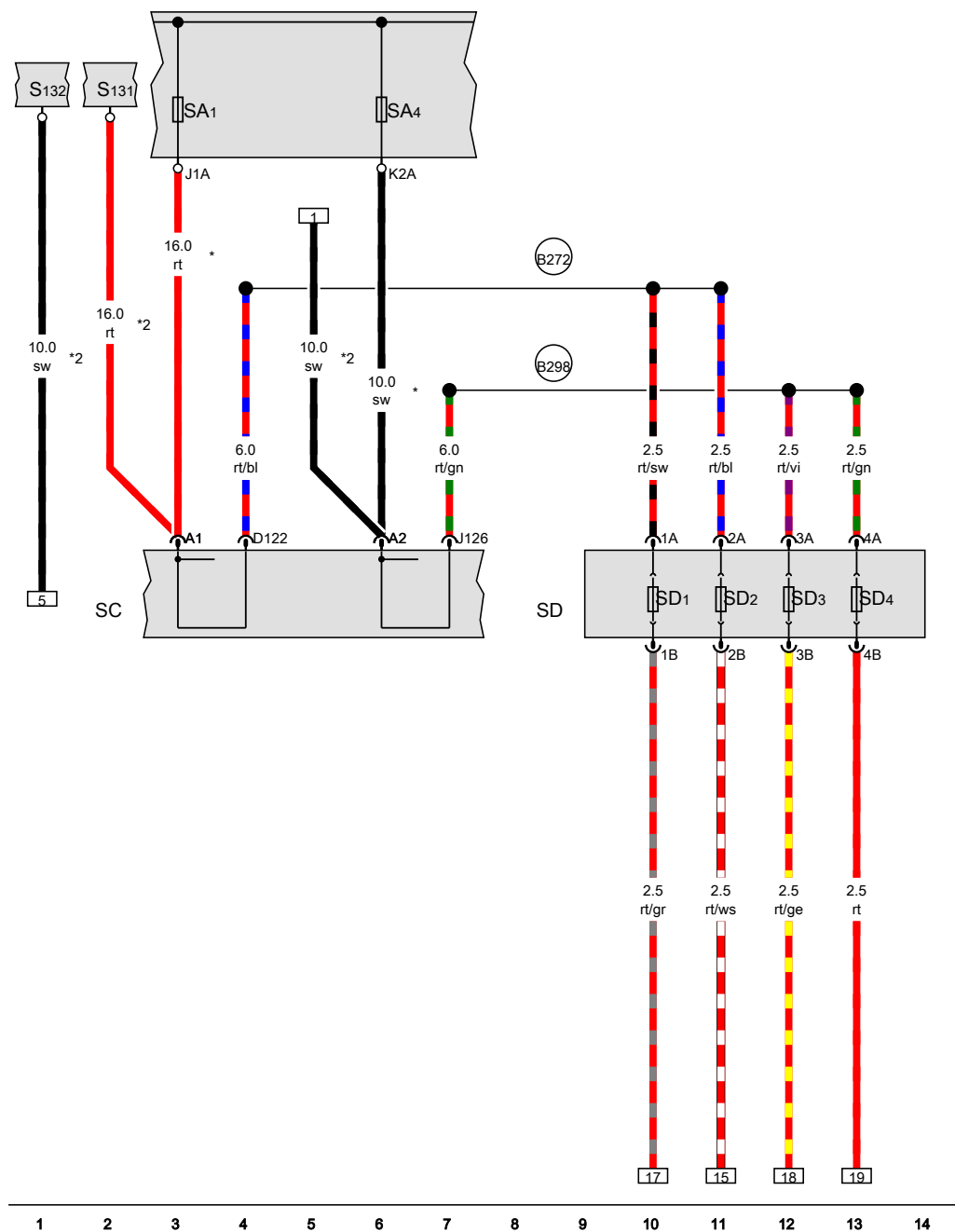


Lambda probe after catalytic converter, Engine/motor control unit, Mechatronic unit for dual clutch gearbox, Fuel tank shut-off valve, Lambda probe 1 heater after catalytic converter

- G130 Lambda probe after catalytic converter
- J623 Engine/motor control unit
- J743 Mechatronic unit for dual clutch gearbox
- N288 Fuel tank shut-off valve
- T4aa 4-pin connector, black
- T4at 4-pin connector, black
- T10ac 10-pin connector, black
- T14 14-pin connector, on left in engine compartment, grey
- T17c 17-pin connector, on lower section of left A-pillar, red
- T17d 17-pin connector, on lower section of left A-pillar, green
- T94 94-pin connector, black
- Z29 Lambda probe 1 heater after catalytic converter
- D103 Connection 3 in engine compartment wiring harness
- D181 Connection 2 (87a), in engine compartment wiring harness
- H1 Positive connection, in Lambda wiring harness
- X6 Connection 2 (CAN bus hybrid, high), in engine compartment wiring harness
- X7 Connection 2 (CAN bus hybrid, low), in engine compartment wiring harness
- * see applicable current flow diagram for dual clutch gearbox
- *2 Pre-wired component

Trailer coupling , (1M5),(1M6)

From May 2016



Fuse holder C, Fuse holder D

- SA1 Fuse 1 on fuse holder A
- SA4 Fuse 4 on fuse holder A
- S131 Fuse 1
- S132 Fuse 2
- SC Fuse holder C
- SD Fuse holder D
- SD1 Fuse 1 on fuse holder D
- SD2 Fuse 2 on fuse holder D
- SD3 Fuse 3 on fuse holder D
- SD4 Fuse 4 on fuse holder D

B272 Positive connection (30), in main wiring harness

B298 Positive connection 2 (30), in main wiring harness

* Not for RS 3 models

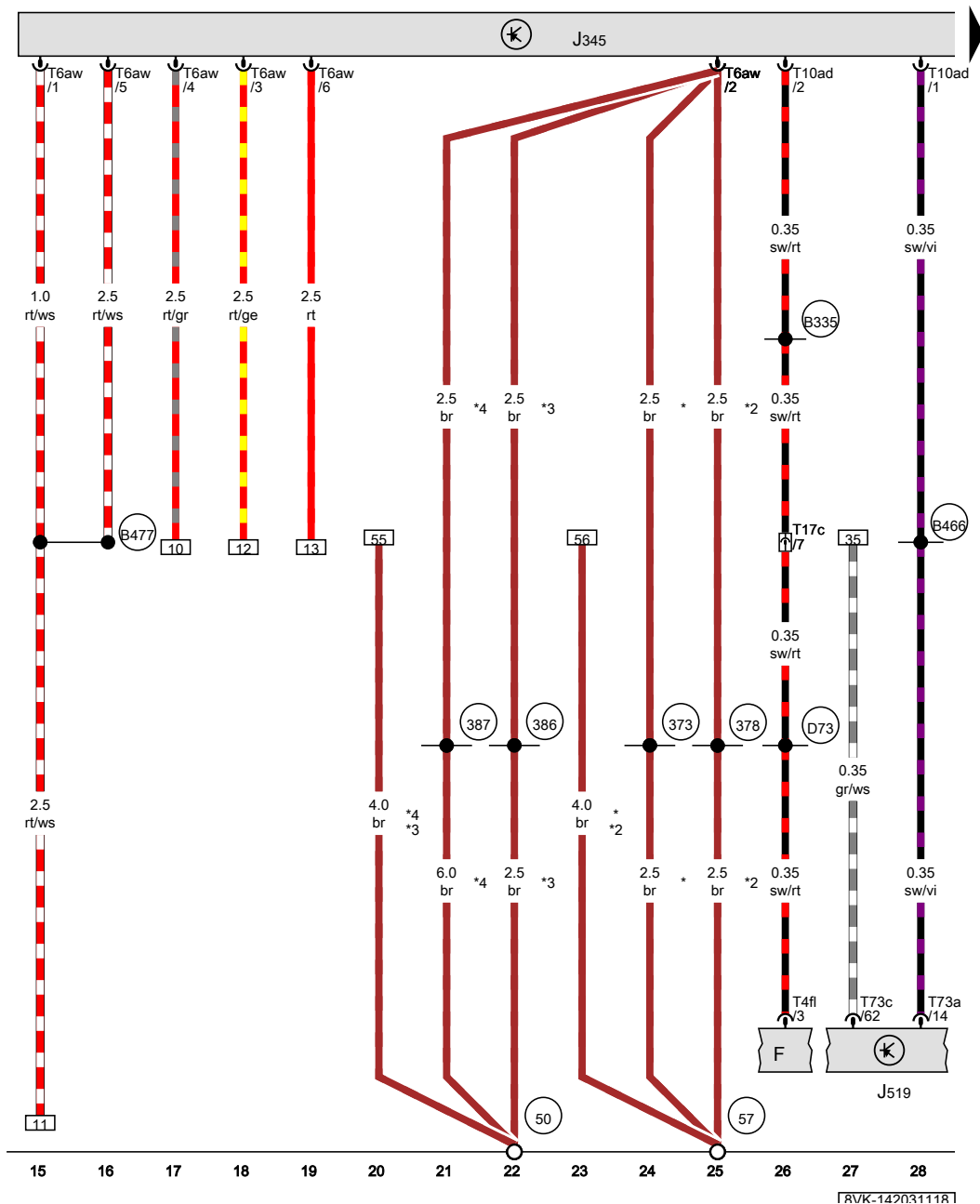
*2 For RS 3 models

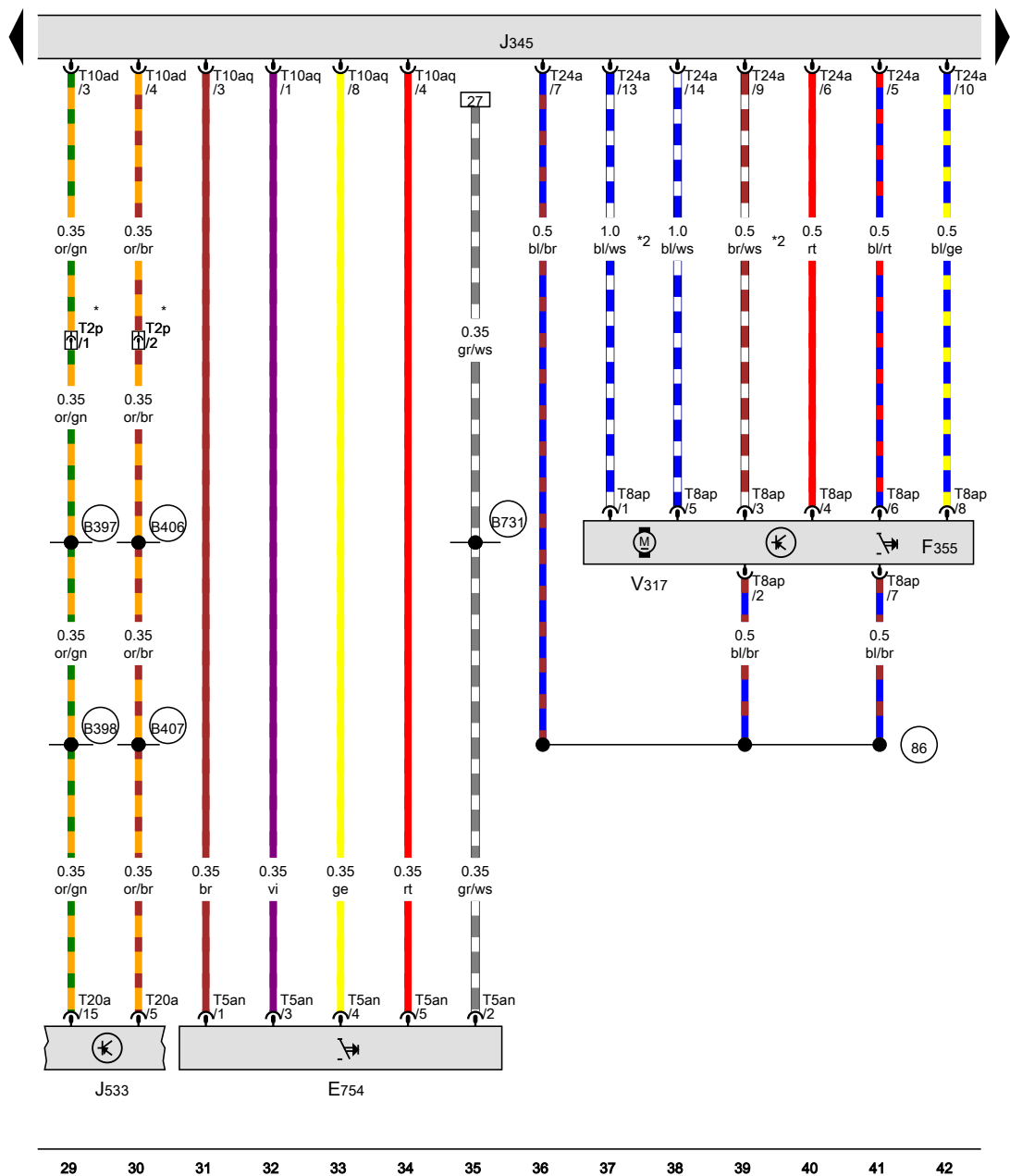
Trailer detector control unit

- F Brake light switch
- J345 Trailer detector control unit
- J519 Onboard supply control unit
- T4fl 4-pin connector, black
- T6aw 6-pin connector, black
- T10ad 10-pin connector, black
- T17c 17-pin connector, red
- T73a 73-pin connector, black
- T73c 73-pin connector, black

- 50 Earth point, on left in luggage compartment
- 57 Earth point, rear left pillar
- 373 Earth connection 8, in main wiring harness
- 378 Earth connection 13, in main wiring harness
- 386 Earth connection 21, in main wiring harness
- 387 Earth connection 22, in main wiring harness
- B335 Connection 1 (54), in main wiring harness
- B466 Connection 2, in main wiring harness
- B477 Connection 13, in main wiring harness
- D73 Positive connection (54), in engine compartment wiring harness
- * For models with 3 doors
- *2 For models with 5 doors
- *3 For models with 4 doors
- *4 For Cabriolet models

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink





Trailer detector control unit

- E754 Towing bracket release button
- F355 Contact switch on locking pin
- J345 Trailer detector control unit
- J533 Data bus diagnostic interface
- T2p 2-pin connector, near left A-pillar
- T5an 5-pin connector, black
- T8ap 8-pin connector, black
- T10ad 10-pin connector, black
- T10aq 10-pin connector, red
- T20a 20-pin connector, red
- T24a 24-pin connector, black
- V317 Hinged tow attachment ball head motor

- 86 Earth connection 1, in rear wiring harness
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness
- B731 Connection 1 (58s), in main wiring harness

* For models with preparation for trailer coupling

*2 Wiring colour depends on equipment

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

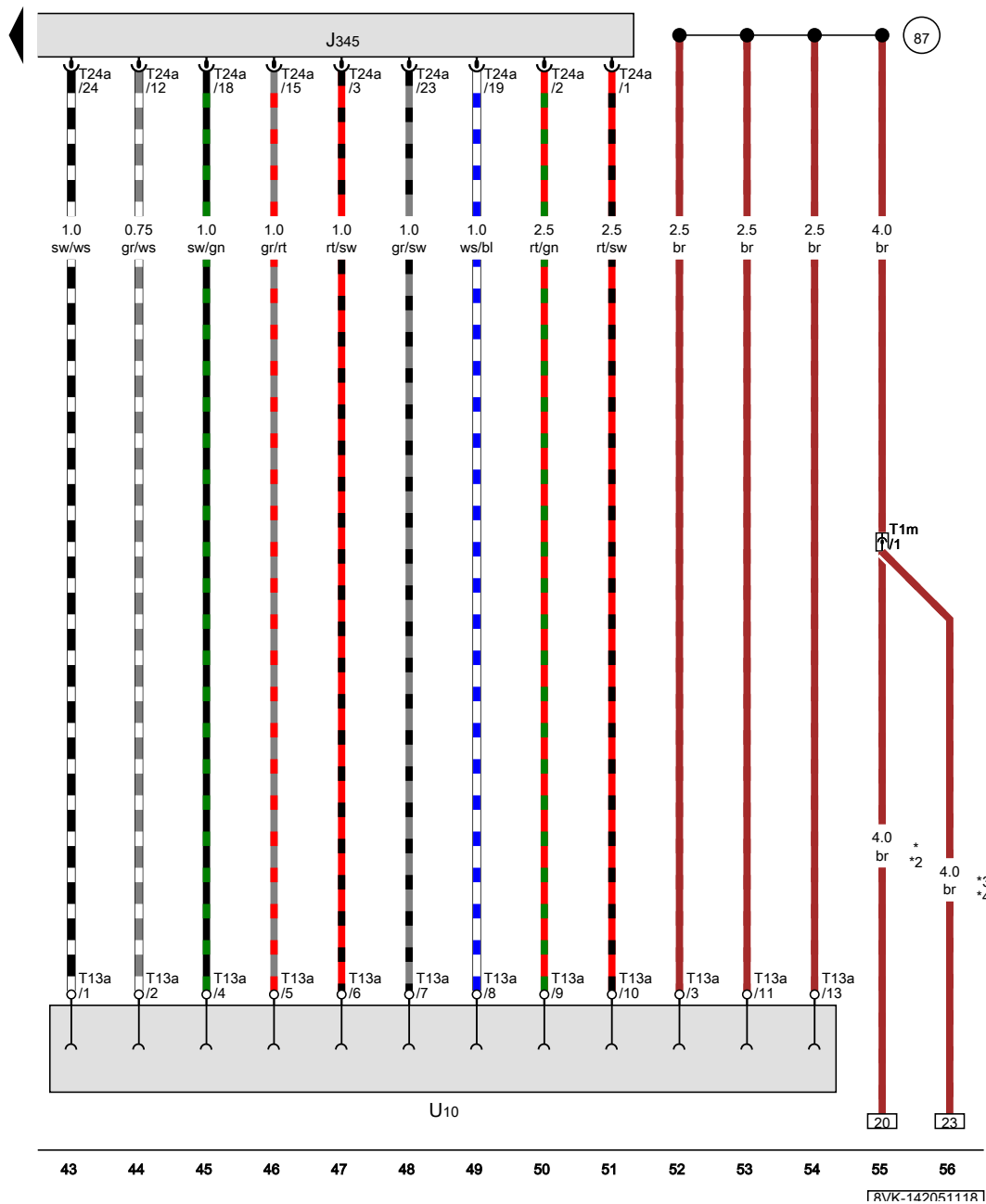
1AVK-1420411181

Trailer detector control unit, Trailer socket

- J345 Trailer detector control unit
- T1m 1-pin connector
- T13a 13-pin connector, black
- T24a 24-pin connector, black
- U10 Trailer socket

87 Earth connection 2, in rear wiring harness

- * For Cabriolet models
- *2 For models with 4 doors
- *3 For models with 3 doors
- *4 For models with 5 doors



Battery in luggage compartment , DAZA,DNWA

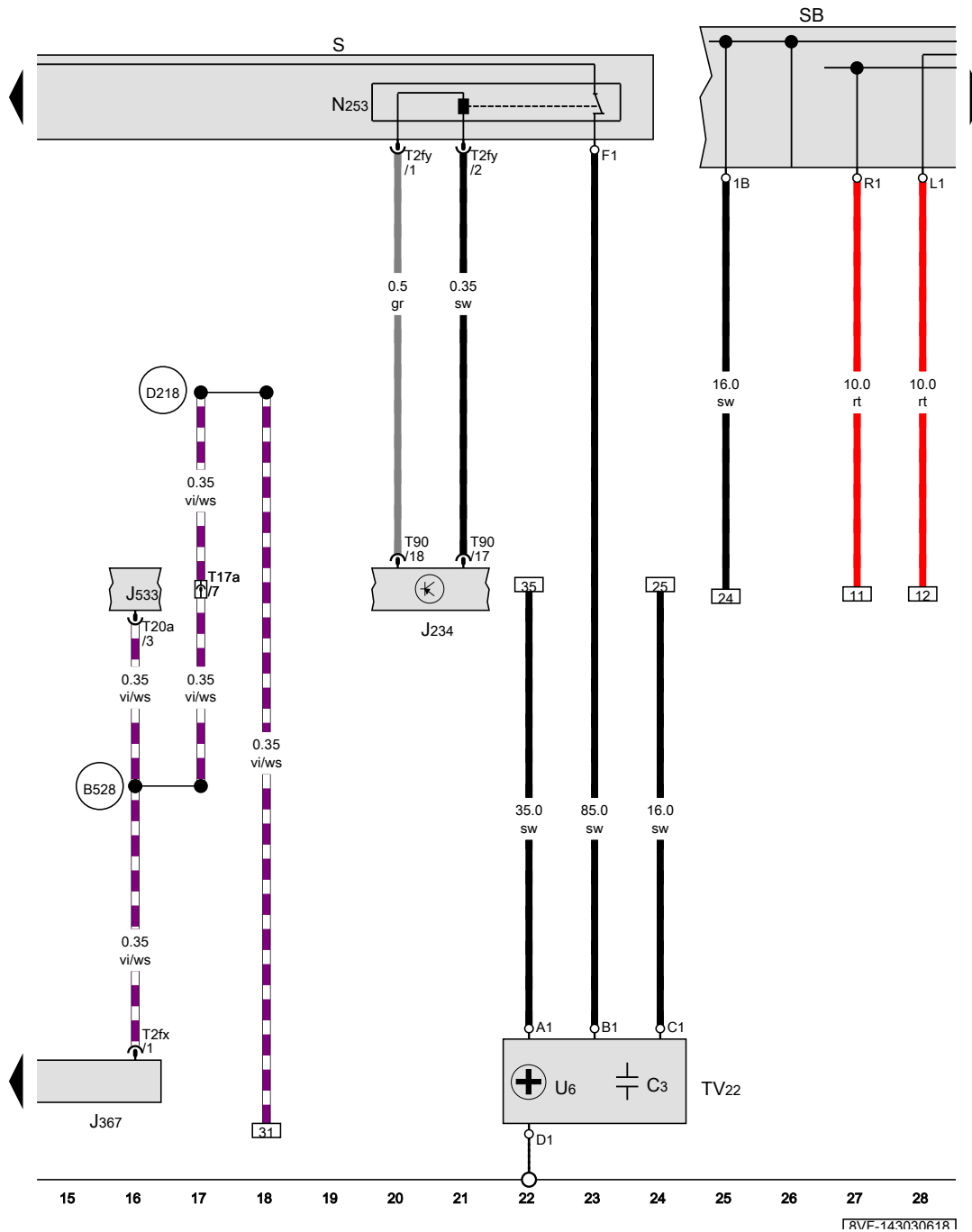
From November 2016



A	Battery
J329	Terminal 15 voltage supply relay
J367	Battery monitor control unit
J519	Onboard supply control unit
S	Fuses in fuse holder
SC	Fuse holder C
SC17	Fuse 17 on fuse holder C
SC49	Fuse 49 on fuse holder C
S131	Fuse 1
S132	Fuse 2
S133	Fuse 3
T1c	1-pin connector, black
T2fx	2-pin connector, black
T17c	17-pin connector, red
T73a	73-pin connector, black
366	Earth connection 1, in main wiring harness
369	Earth connection 4, in main wiring harness
639	Earth point, left A-pillar
684	Earth point on front of left side member
701	Earth point in luggage compartment
D50	Positive connection (30), in engine compartment

- * Cross-section 35.0 possible
- *2 Wiring colour depends on equipment
- *3 For left-hand drive models
- *4 For right-hand drive models

ws = white
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ro = red
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br = brown
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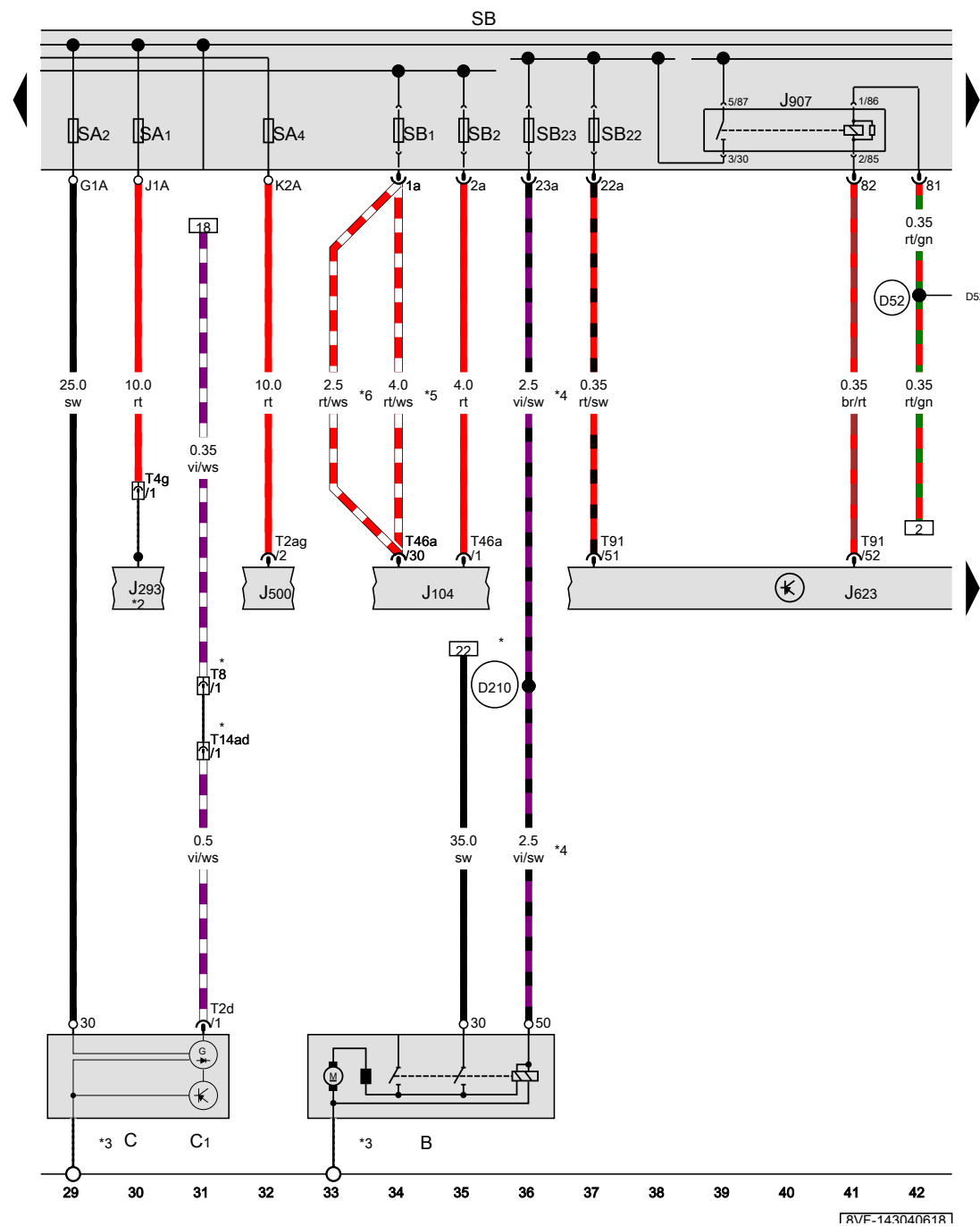
Battery monitor control unit, Data bus diagnostic interface, Fuses in fuse holder, Terminal 30 wiring junction 2

- C3 Terminal B+ suppressor
- J234 Airbag control unit
- J367 Battery monitor control unit
- J533 Data bus diagnostic interface
- N253 Battery isolation igniter
- S Fuses in fuse holder
- SB Fuse holder B
- T2fx 2-pin connector, black
- T2fy 2-pin connector, purple
- T17a 17-pin connector, black
- T20a 20-pin connector, red
- TV22 Terminal 30 wiring junction 2
- T90 90-pin connector, yellow
- U6 Jump start socket

B528 Connection 1 (LIN bus) in main wiring harness

D218 Connection 1 (LIN bus) in engine compartment wiring harness

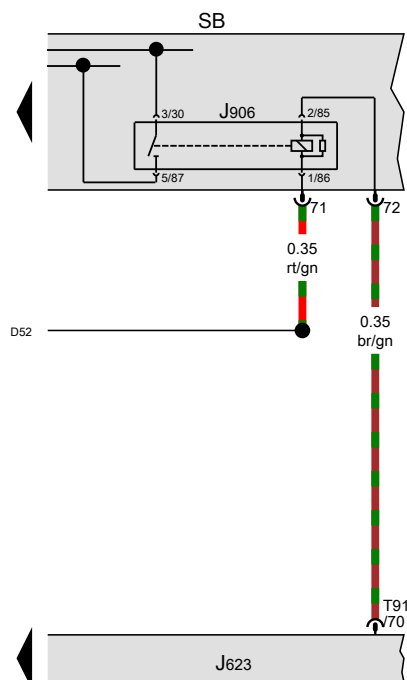
- ws = white
- sw = black
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- bl = blue
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- vi = purple
- ge = yellow
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Starter, Alternator, Radiator fan control unit, Engine/motor control unit, Starter relay 2, Fuse 1 on fuse holder A, Fuse 2 on fuse holder A, Fuse 2 on fuse holder B, Fuse 4 on fuse holder A

- B Starter
- C Alternator
- C1 Voltage regulator
- J104 ABS control unit
- J293 Radiator fan control unit
- J500 Power steering control unit
- J623 Engine/motor control unit
- J907 Starter relay 2
- SA1 Fuse 1 on fuse holder A
- SA2 Fuse 2 on fuse holder A
- SA4 Fuse 4 on fuse holder A
- SB Fuse holder B
- SB1 Fuse 1 on fuse holder B
- SB2 Fuse 2 on fuse holder B
- SB22 Fuse 22 on fuse holder B
- SB23 Fuse 23 on fuse holder B
- T1a 1-pin connector
- T2ag 2-pin connector
- T2d 2-pin connector, green
- T4g 4-pin connector, black
- T8 8-pin connector, black
- T14ad 14-pin connector, black
- T46a 46-pin connector, black
- T91 91-pin connector, black
- D52 Positive connection (15a), in engine compartment wiring harness
- D210 Connection (50), in engine compartment wiring harness
- * According to equipment
- *2 see applicable current flow diagram for radiator fan
- *3 Earth supply via housing
- *4 Wiring colour depends on equipment
- *5 Up to April 2017
- *6 From May 2017

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



Engine/motor control unit, Starter relay 1

J623 Engine/motor control unit
J906 Starter relay 1
SB Fuse holder B
T91 91-pin connector, black

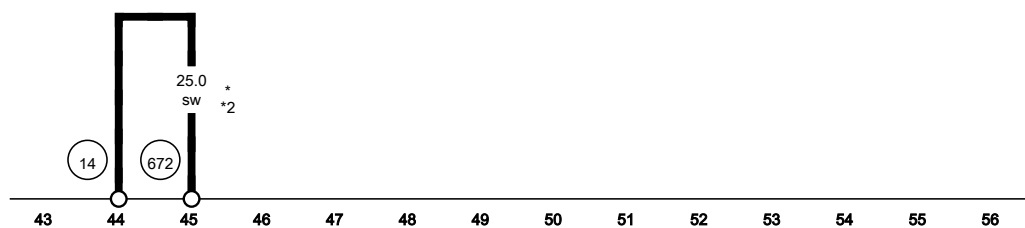
14 Earth point, on gearbox

672 Earth point 2, on front of left longitudinal member

D52 Positive connection (15a), in engine compartment wiring harness

* Cross-section 35.0 possible

*2 Wiring colour depends on equipment

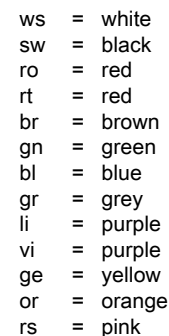


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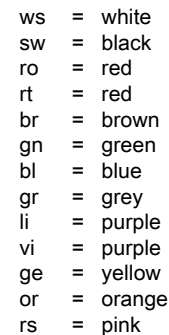
[8VF-143050618]

Dual clutch gearbox (DSG) , (0IJ)

From May 2016



* see applicable current flow diagram for fuse assignment
*2 see applicable current flow diagram for engine



(D102) Connection 2 in engine compartment wiring harness

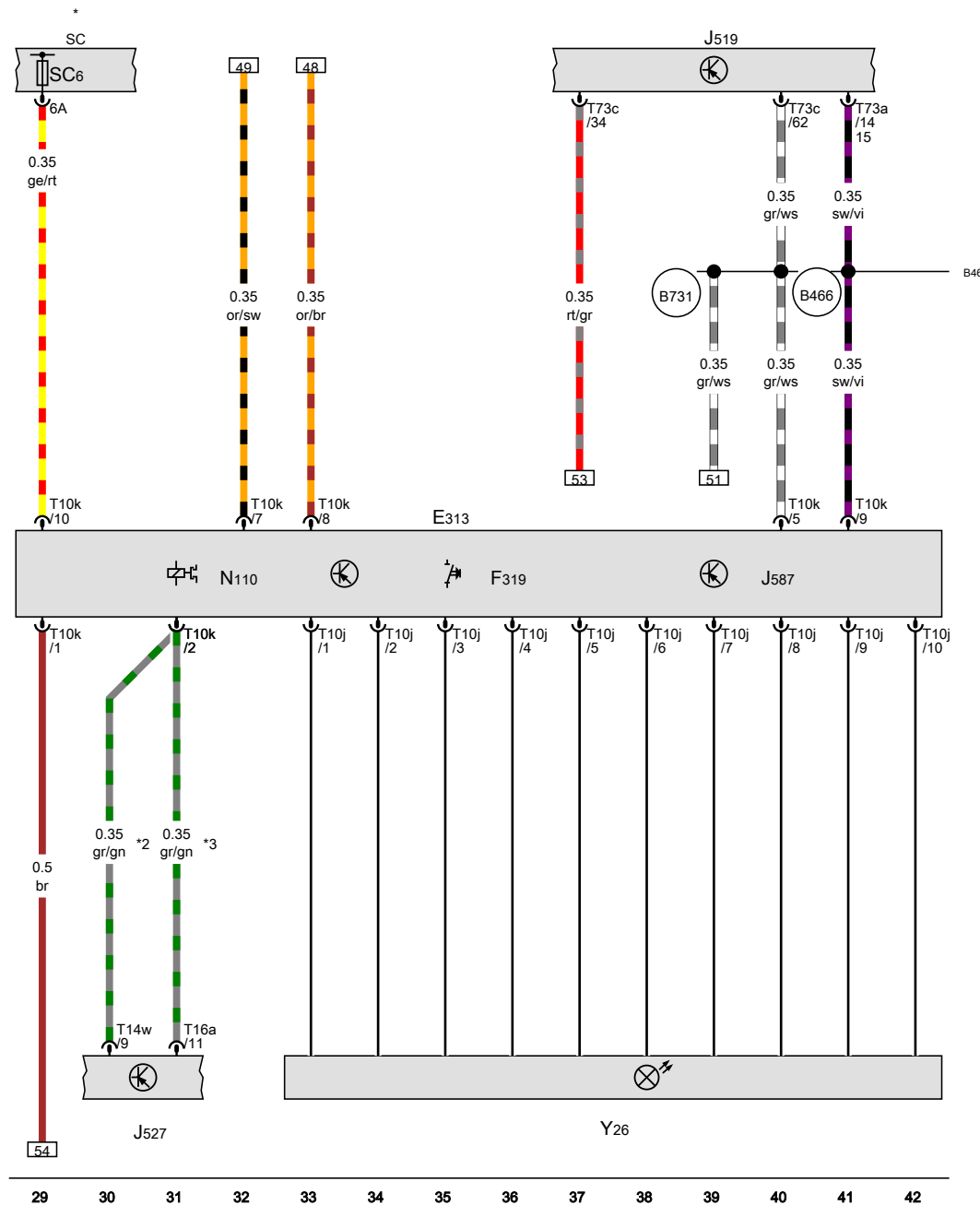
Selector lever, Selector lever locked in position P switch, Selector lever sensors control unit, Selector lever lock solenoid, Selector lever position display

- E313 Selector lever
- F319 Selector lever locked in position P switch
- J519 Onboard supply control unit
- J527 Steering column electronics control unit
- J587 Selector lever sensors control unit
- N110 Selector lever lock solenoid
- SC Fuse holder C
- SC6 Fuse 6 on fuse holder C
- T10j 10-pin connector
- T10k 10-pin connector
- T14w 14-pin connector
- T16a 16-pin connector
- T73a 73-pin connector, black
- T73c 73-pin connector
- Y26 Selector lever position display

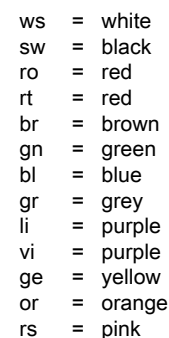
B466 Connection 2, in main wiring harness

B731 Connection 1 (58s), in main wiring harness

- * see applicable current flow diagram for fuse assignment
- *2 For models with heated steering wheel
- *3 For models with no heated steering wheel



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EX22	Centre switch module in dash panel
E735	Driving mode selection button
J533	Data bus diagnostic interface
T17a	17-pin connector, on lower section of left A-pillar, black
T17b	17-pin connector, on lower section of left A-pillar, brown
T20	20-pin connector, red
T20a	20-pin connector, red
688	Earth connection 3, in main wiring harness
687	Earth point 1, on centre tunnel
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B466	Connection 2, in main wiring harness

Gas discharge headlights (bi-xenon) with automatic headlight range control and cornering light , (8IH)

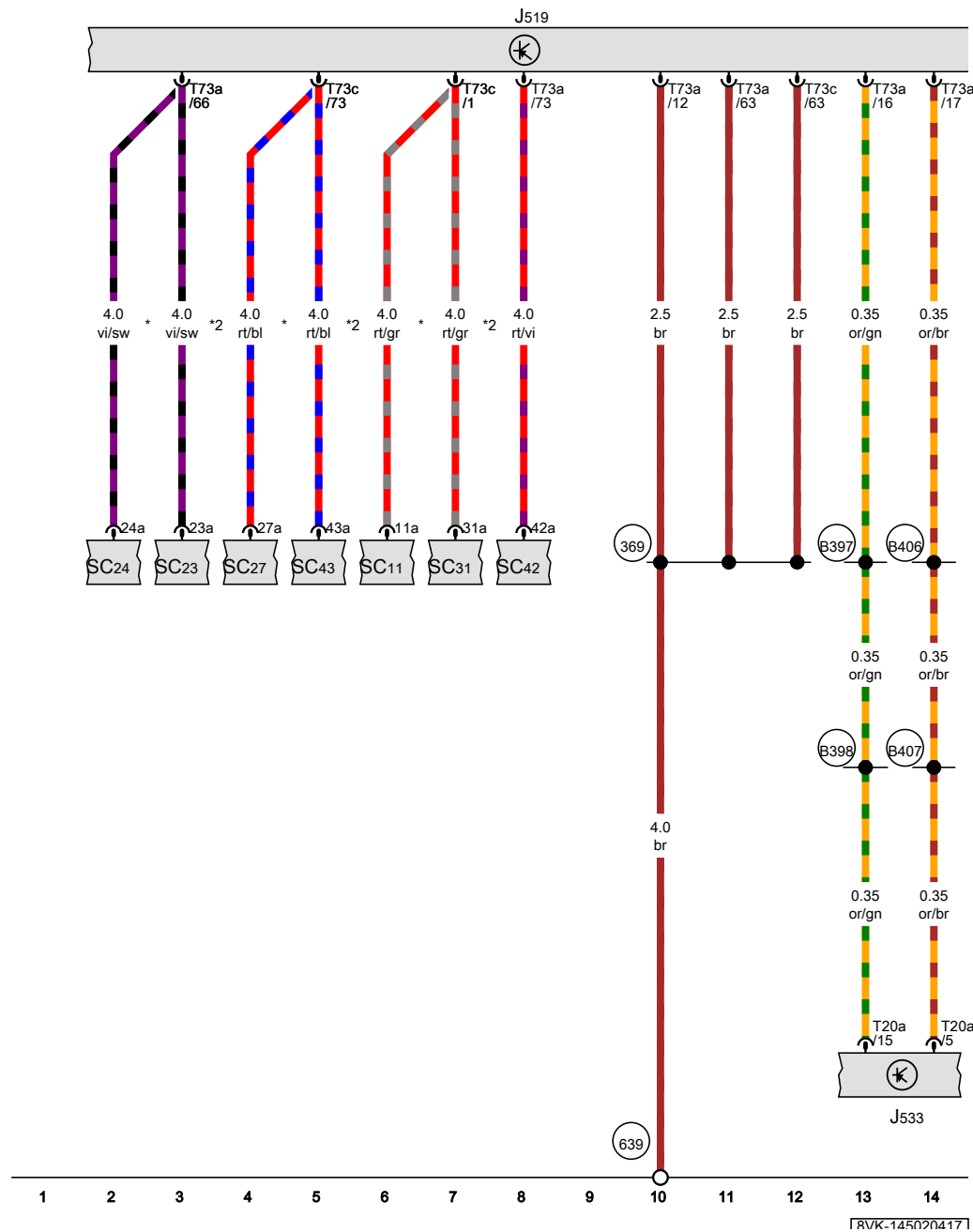
From May 2016

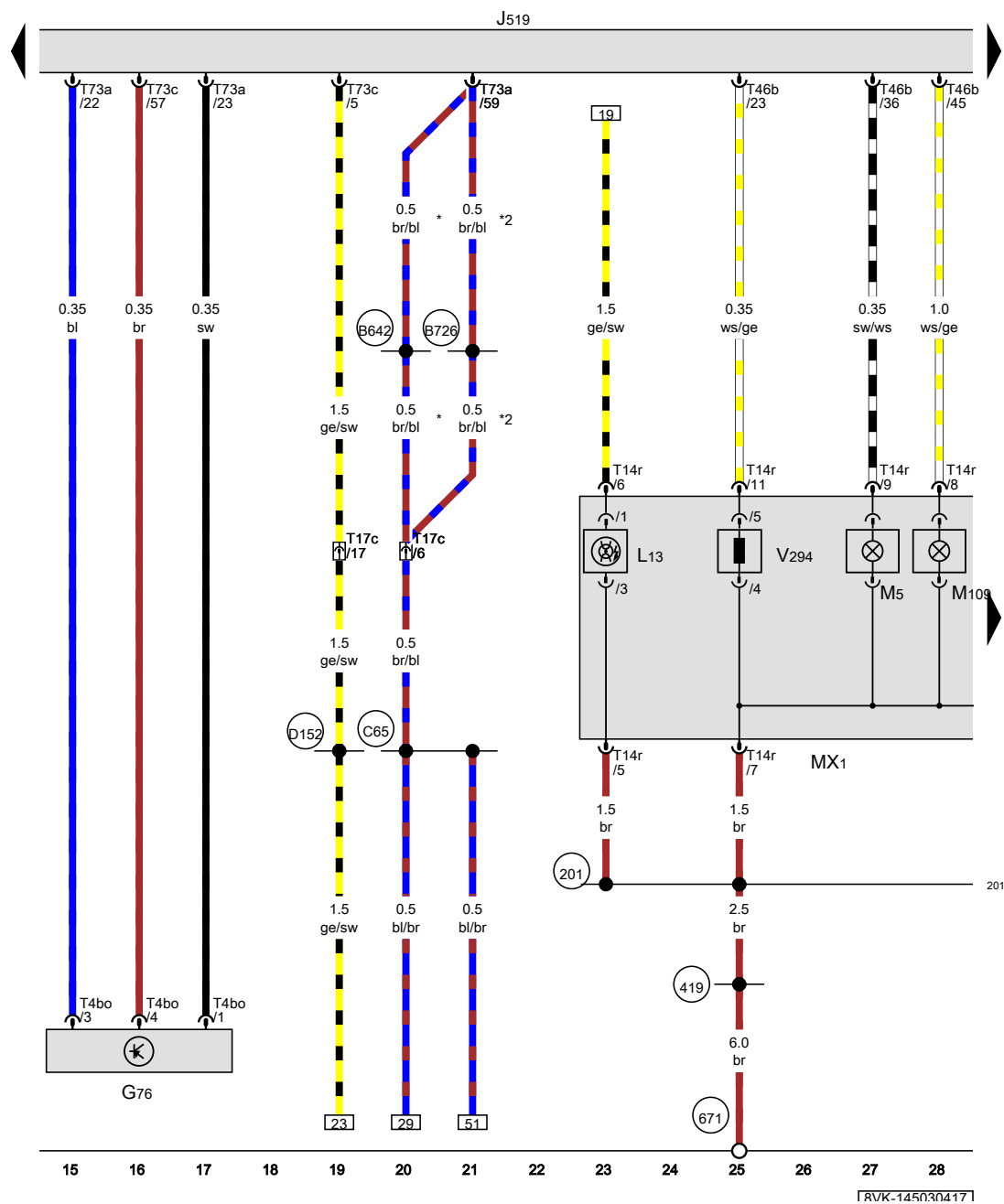
Onboard supply control unit

- J519 Onboard supply control unit
- J533 Data bus diagnostic interface
- SC11 Fuse 11 on fuse holder C
- SC23 Fuse 23 on fuse holder C
- SC24 Fuse 24 on fuse holder C
- SC27 Fuse 27 on fuse holder C
- SC31 Fuse 31 on fuse holder C
- SC42 Fuse 42 on fuse holder C
- SC43 Fuse 43 on fuse holder C
- T20a 20-pin connector, red
- T73a 73-pin connector, black
- T73c 73-pin connector, black

- 369 Earth connection 4, in main wiring harness
- 639 Earth point, left A-pillar
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness
- * From May 2017
- *2 Up to April 2017

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

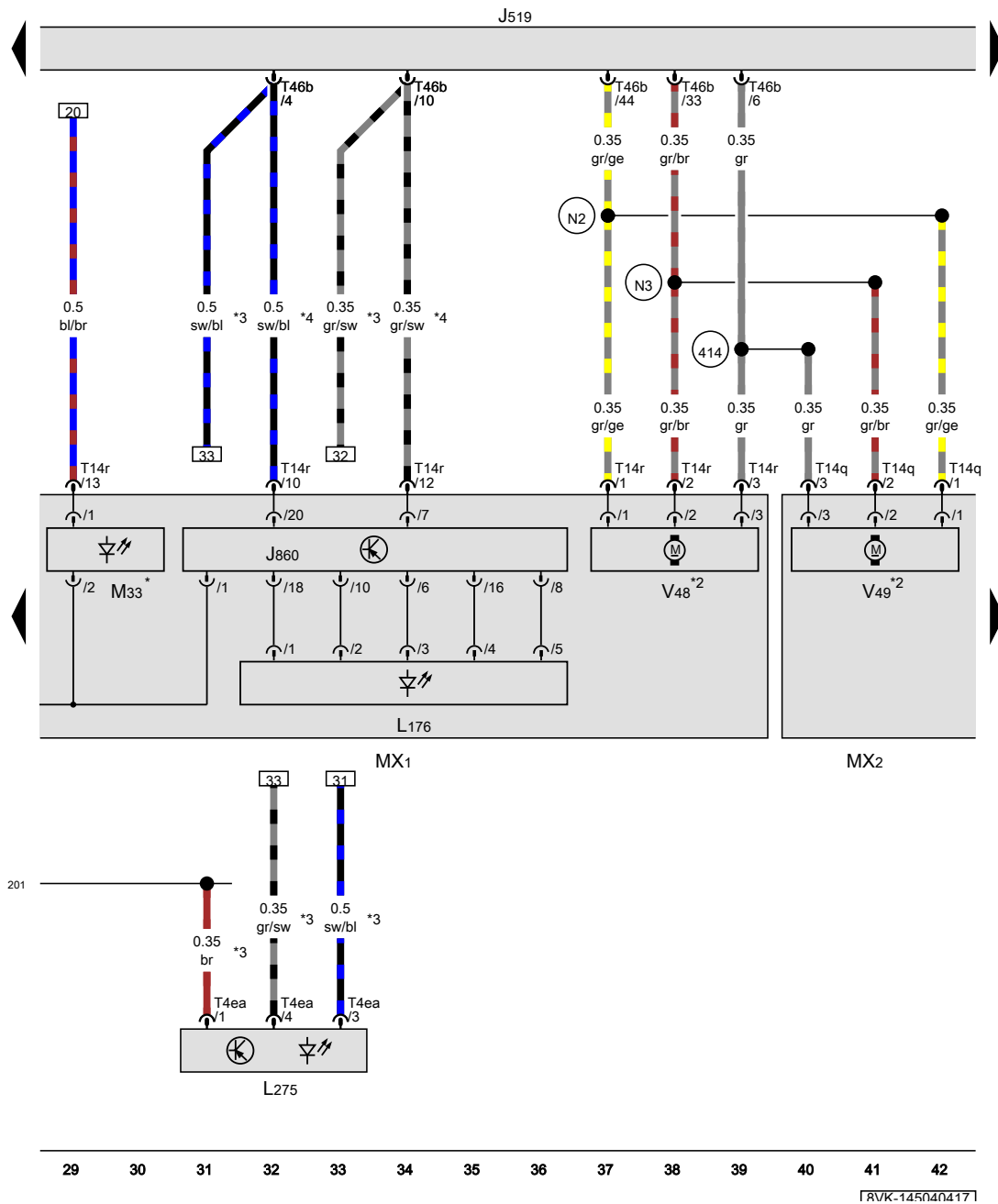




Rear left vehicle level sender, Onboard supply control unit, Left gas discharge (xenon) bulb, Front left headlight, Front left turn signal bulb, Left all-weather light bulb, Left dip beam screen motor

- G76 Rear left vehicle level sender
- J519 Onboard supply control unit
- L13 Left gas discharge (xenon) bulb
- MX1 Front left headlight
- M5 Front left turn signal bulb
- M109 Left all-weather light bulb
- T4bo 4-pin connector, black
- T14r 14-pin connector, black
- T17c 17-pin connector, red
- T46b 46-pin connector
- T73a 73-pin connector, black
- T73c 73-pin connector, black
- V294 Left dip beam screen motor

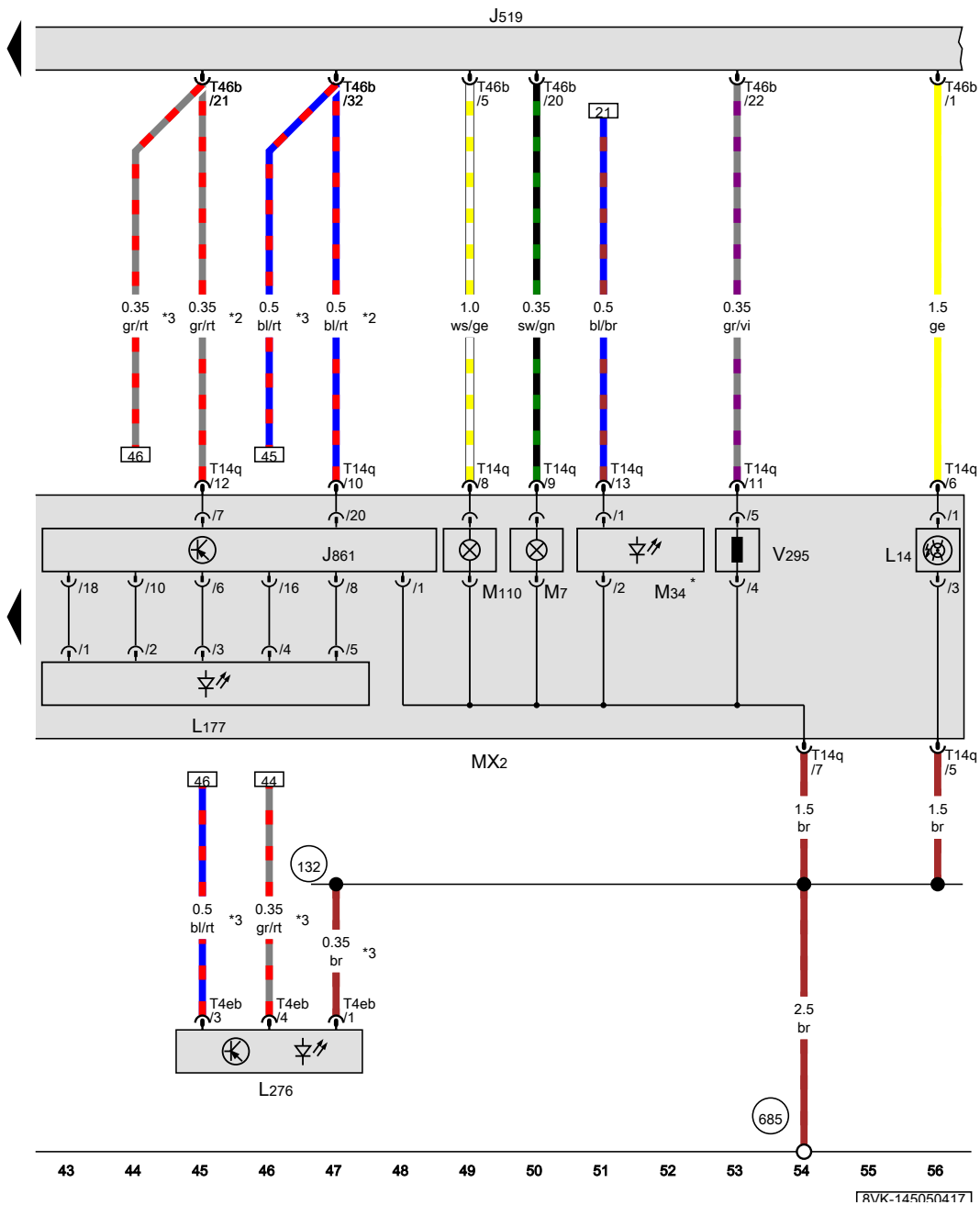
- 201 Earth connection 5, in engine compartment wiring harness
- 419 Earth connection 11, in engine compartment wiring harness
- 671 Earth point 1, on front of left longitudinal member
- B642 Positive connection (58), in main wiring harness
- B726 Positive connection 2 (58), in main wiring harness
- C65 Positive connection 1, in side marker light wiring harness
- D152 Positive connection 1 (56b), in engine compartment wiring harness
- * Only models with 4-doors
- *2 Only models with 5-doors



Onboard supply control unit, Control unit for left daytime running light and side light, Left LED module for daytime running light and side light, Light for left signature lighting, Front left headlight, Front right headlight, Front left side marker bulb, Left headlight range control motor, Right headlight range control motor

- J519 Onboard supply control unit
- J860 Control unit for left daytime running light and side light
- L176 Left LED module for daytime running light and side light
- L275 Light for left signature lighting
- MX1 Front left headlight
- MX2 Front right headlight
- M33 Front left side marker bulb
- T4ea 4-pin connector
- T14q 14-pin connector
- T14r 14-pin connector, black
- T46b 46-pin connector
- V48 Left headlight range control motor
- V49 Right headlight range control motor
- 201 Earth connection 5, in engine compartment wiring harness
- 414 Earth connection (headlight range control), in interior wiring harness
- N2 Connection 1, in headlight range control wiring harness
- N3 Connection 2, in headlight range control wiring harness
- * Only for American markets
- *2 Not for American markets
- *3 Only models with hybrid drive system
- *4 Only models with no hybrid drive system

ws = white
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 ro = red
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 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
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Onboard supply control unit, Control unit for right daytime running light and side light, Right gas discharge (xenon) bulb, Right LED module for daytime running light and side light, Front right headlight, Front right turn signal bulb, Front right side marker bulb, Right all-weather light bulb, Right dip beam screen motor

- J519 Onboard supply control unit
- J861 Control unit for right daytime running light and side light
- L14 Right gas discharge (xenon) bulb
- L177 Right LED module for daytime running light and side light
- L276 Light for right signature lighting
- MX2 Front right headlight
- M7 Front right turn signal bulb
- M34 Front right side marker bulb
- M110 Right all-weather light bulb
- T4eb 4-pin connector
- T14q 14-pin connector
- T46b 46-pin connector
- V295 Right dip beam screen motor

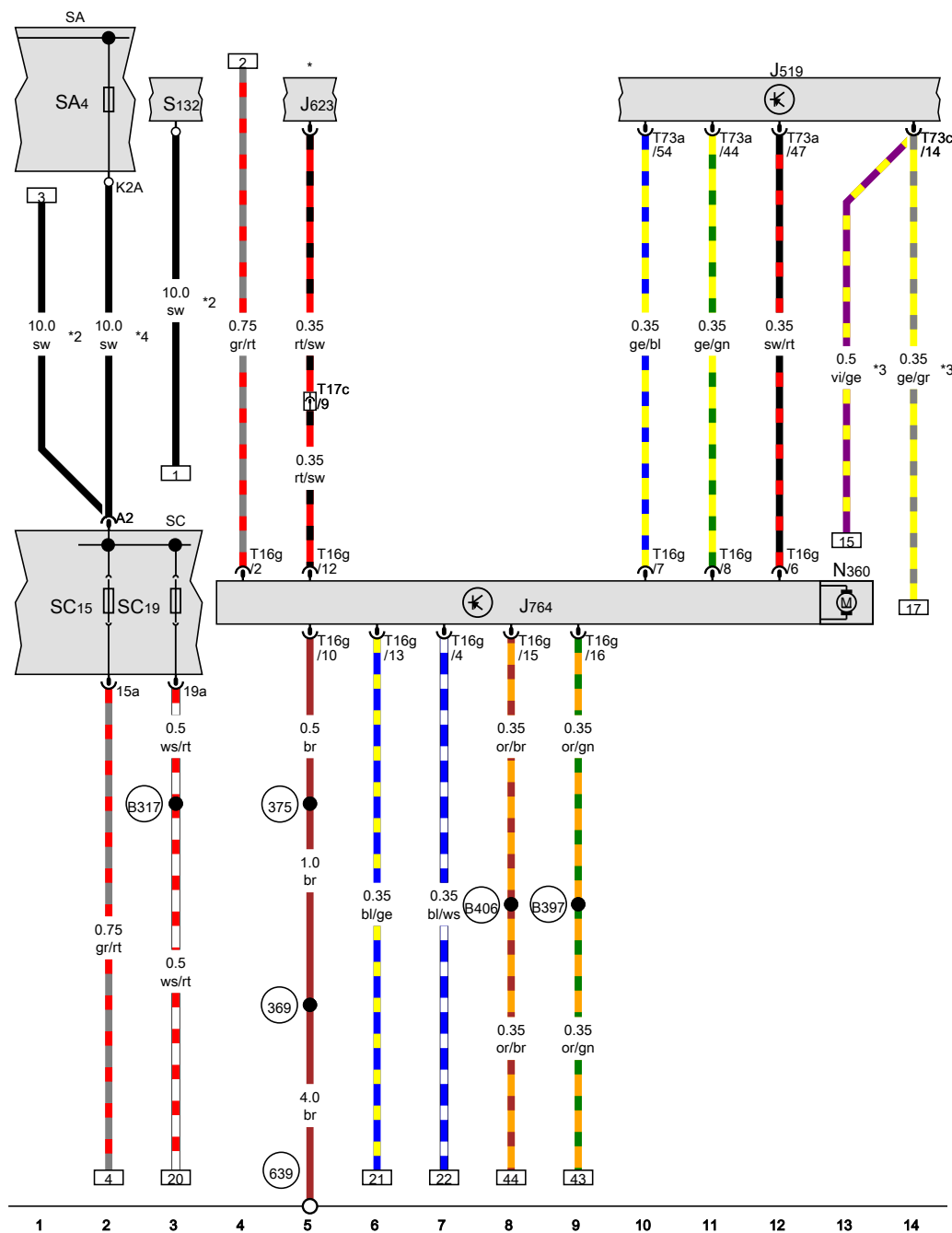
132 Earth connection 3, in engine compartment wiring harness

685 Earth point 1, on front of right longitudinal member

- * Only for American markets
- *2 Only models with no hybrid drive system
- *3 Only models with hybrid drive system

Entry and start authorisation , (L0L)

From May 2016

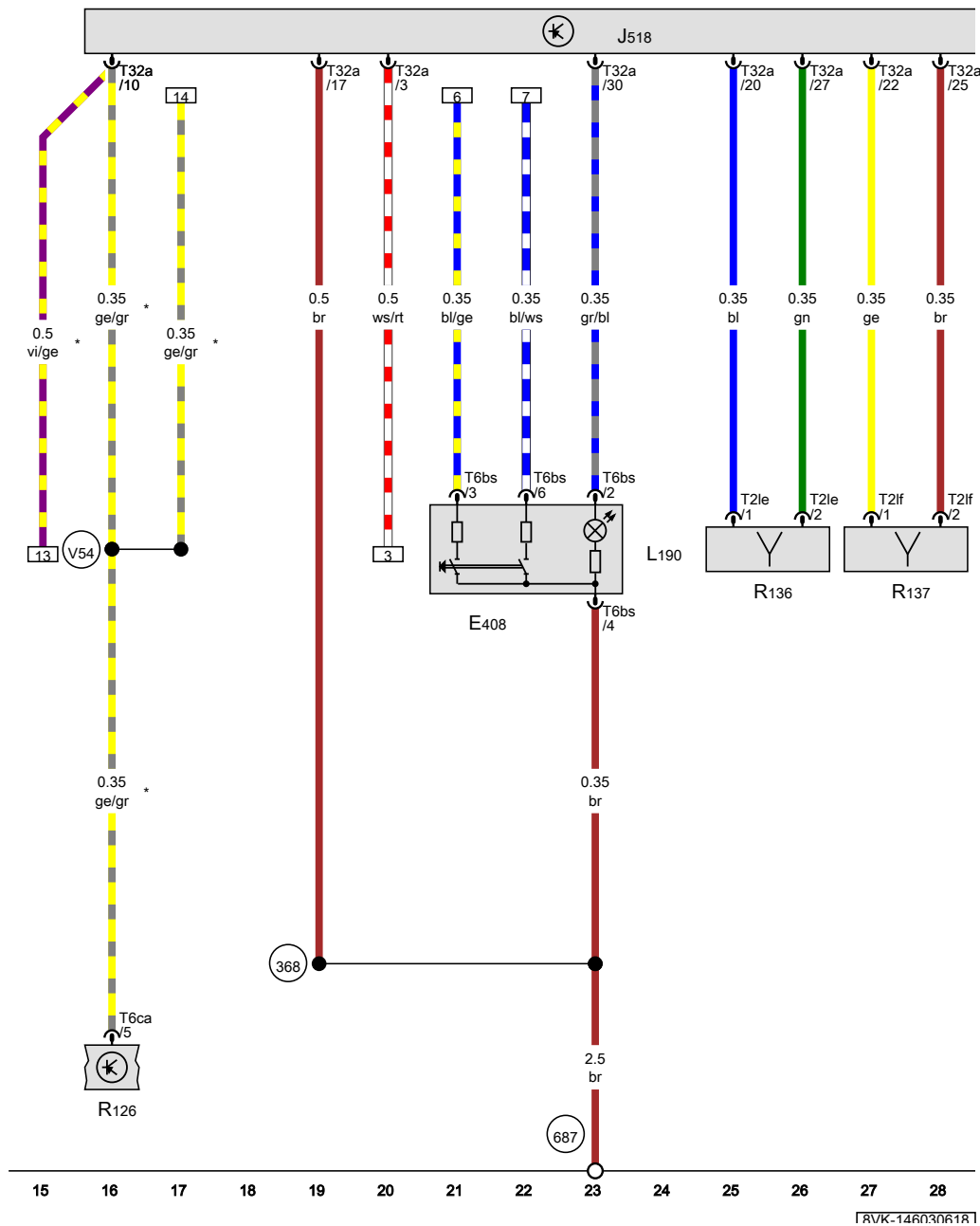


Onboard supply control unit, Control unit for electronic steering column lock, Fuse 4 on fuse holder A, Fuse holder C

- J519 Onboard supply control unit
- J623 Engine/motor control unit
- J764 Control unit for electronic steering column lock
- N360 Steering column lock control element
- S132 Fuse 2
- SA Fuse holder A
- SA4 Fuse 4 on fuse holder A
- SC Fuse holder C
- SC15 Fuse 15 on fuse holder C
- SC19 Fuse 19 on fuse holder C
- T16g 16-pin connector, black
- T17c 17-pin connector, on lower section of left A-pillar, red
- T73a 73-pin connector, black
- T73c 73-pin connector, black
- 369 Earth connection 4, in main wiring harness
- 375 Earth connection 10, in main wiring harness
- 639 Earth point, left A-pillar
- B317 Positive connection 3 (30a) in main wiring harness
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- * see applicable current flow diagram for engine
- *2 For RS 3 models
- *3 According to equipment
- *4 Not for RS 3 models

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 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
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 rs = pink

Entry and start authorisation button, Entry and start authorisation control unit, Rear bumper aerial for entry and start system, Luggage compartment aerial for entry and start system



- E408 Entry and start authorisation button
- J518 Entry and start authorisation control unit
- L190 Ignition and starter button illumination bulb
- R126 Telephone bracket
- R136 Rear bumper aerial for entry and start system
- R137 Luggage compartment aerial for entry and start system
- T2le 2-pin connector, colourless
- T2lf 2-pin connector, black
- T6bs 6-pin connector, black
- T6ca 6-pin connector, black
- T32a 32-pin connector, blue

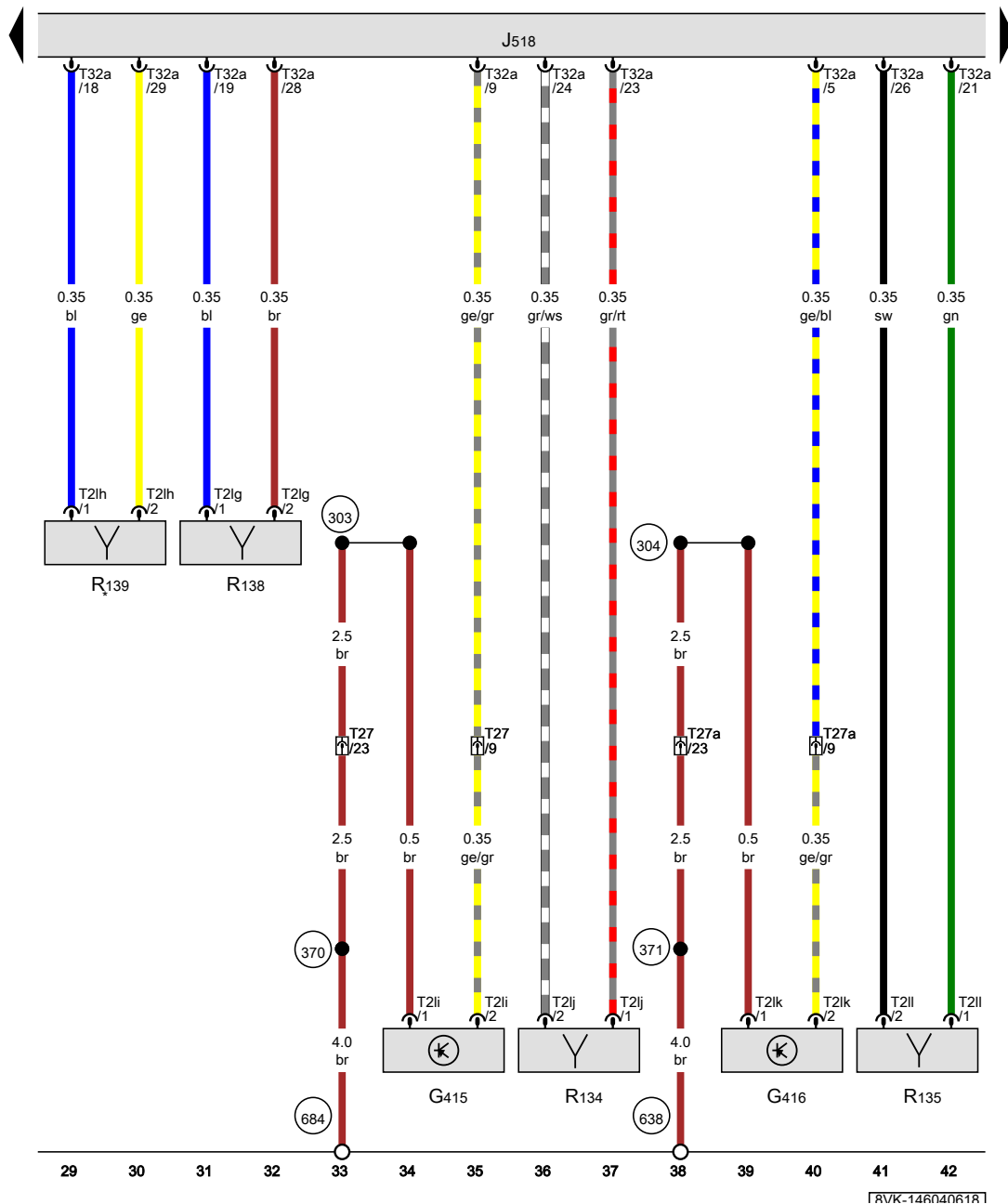
368 Earth connection 3, in main wiring harness

687 Earth point 1, on centre tunnel

V54 Connection 1 (telephone), in main wiring harness

* According to equipment

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- ro = red
- rt = red
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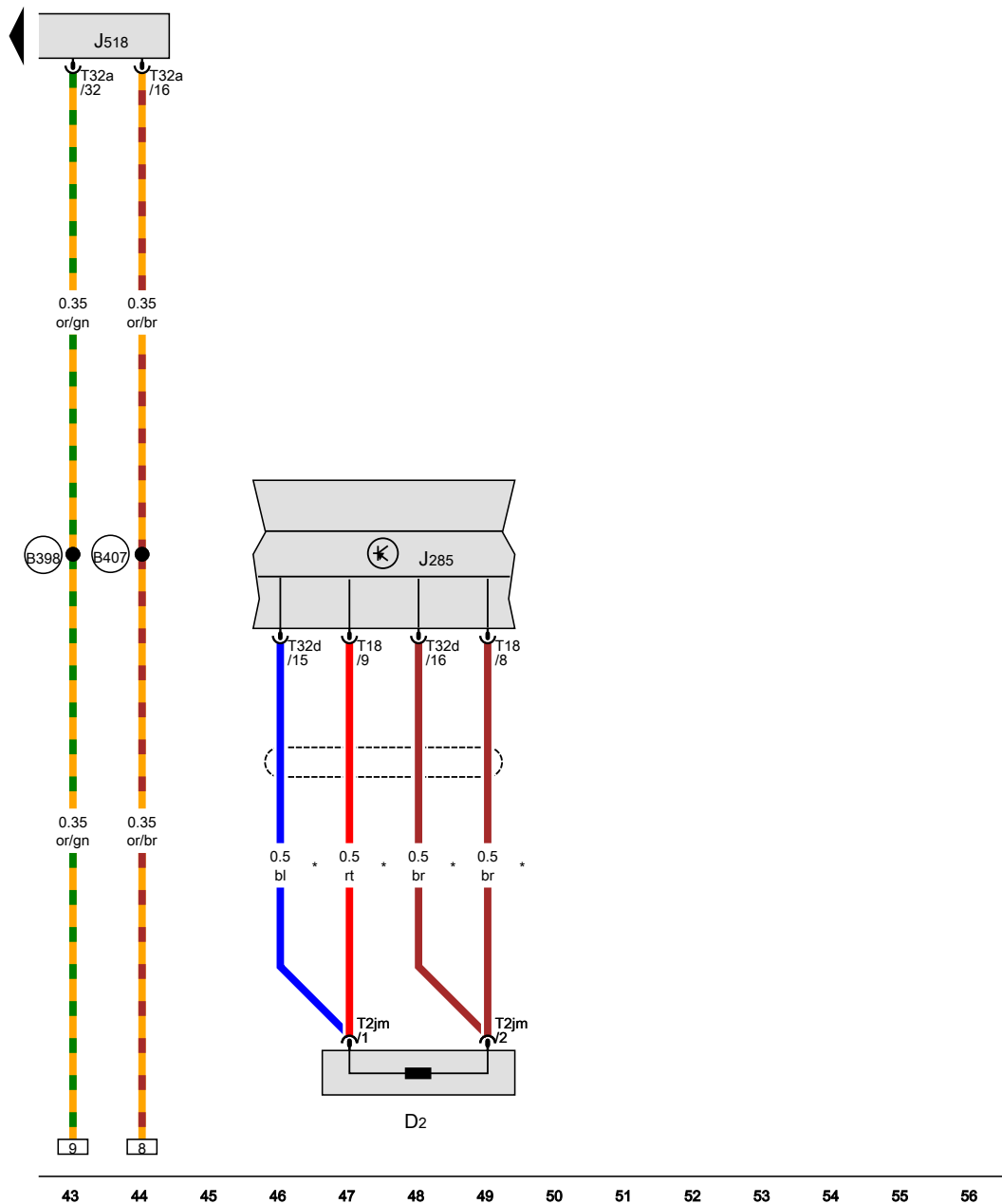


Driver exterior door handle contact sensor, Front passenger exterior door handle contact sensor, Entry and start authorisation control unit, Driver side aerial for entry and start system, Passenger side aerial for entry and start system, Interior aerial 1 for entry and start system, Interior aerial 2 for entry and start system

- G415 Driver exterior door handle contact sensor
- G416 Front passenger exterior door handle contact sensor
- J518 Entry and start authorisation control unit
- R134 Driver side aerial for entry and start system
- R135 Passenger side aerial for entry and start system
- R138 Interior aerial 1 for entry and start system
- R139 Interior aerial 2 for entry and start system
- T2lg 2-pin connector, black
- T2lh 2-pin connector, black
- T2li 2-pin connector, black
- T2lj 2-pin connector, colourless
- T2lk 2-pin connector, black
- T2ll 2-pin connector, colourless
- T27 27-pin connector, on left A-pillar, black
- T27a 27-pin connector, on right A-pillar, black
- T32a 32-pin connector, blue

- 303 Earth connection 3, in drive side door wiring harness
- 304 Earth connection 3, in front passenger side door wiring harness
- 370 Earth connection 5, in main wiring harness
- 371 Earth connection 6, in main wiring harness
- 638 Earth point, on right A-pillar
- 684 Earth point on front of left side member

* For Cabriolet models



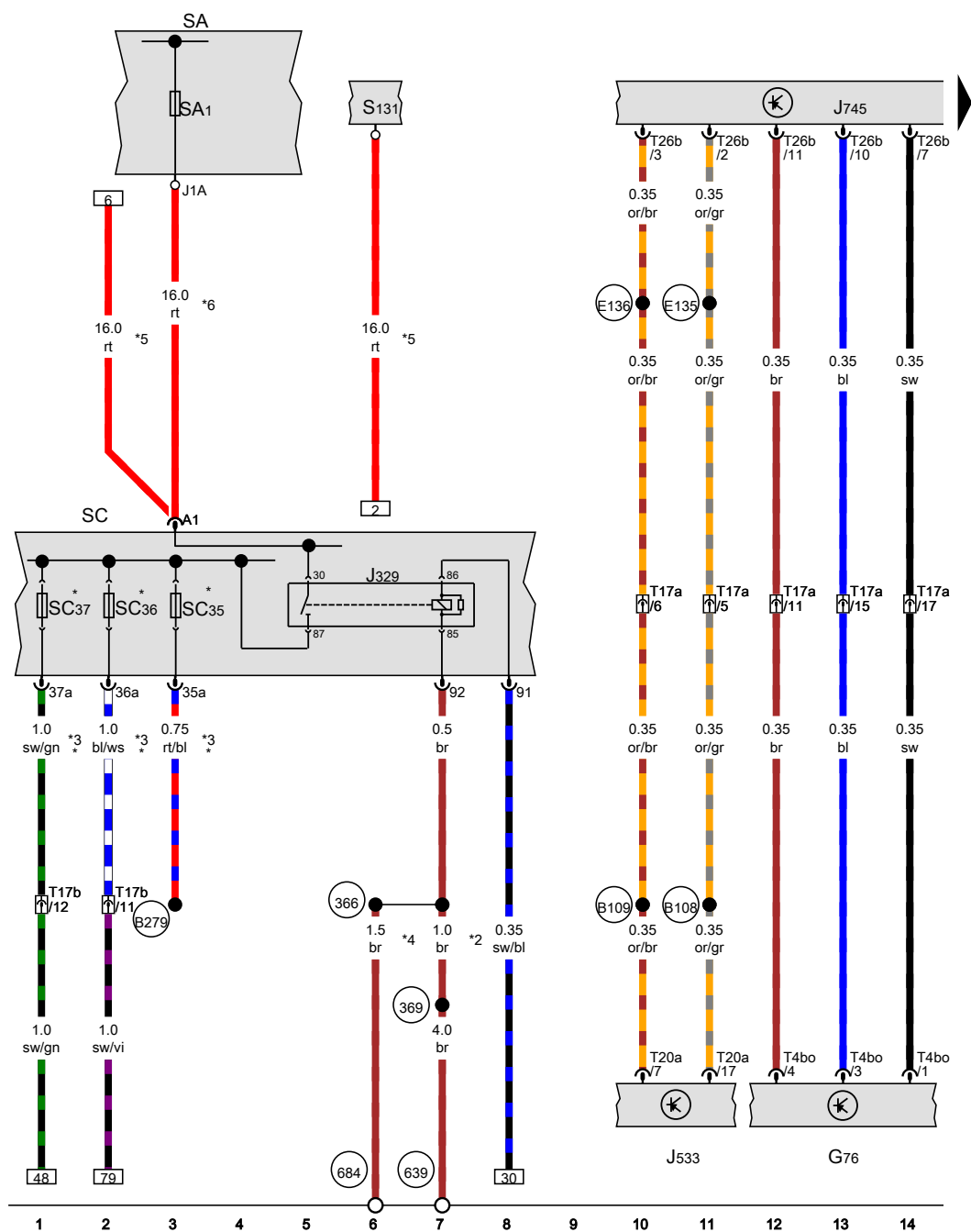
Immobiliser reader coil, Control unit in dash panel insert, Entry and start authorisation control unit

- D2 Immobiliser reader coil
- J285 Control unit in dash panel insert
- J518 Entry and start authorisation control unit
- T2jm 2-pin connector, black
- T18 18-pin connector, black
- T32a 32-pin connector, blue
- T32d 32-pin connector, grey
- (B398) Connection 2 (convenience CAN bus, high), in main wiring harness
- (B407) Connection 2 (convenience CAN bus, low), in main wiring harness
- * According to equipment

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 sw = black
 ro = red
 rt = red
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 gn = green
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LED headlights , (8IT)

From May 2016



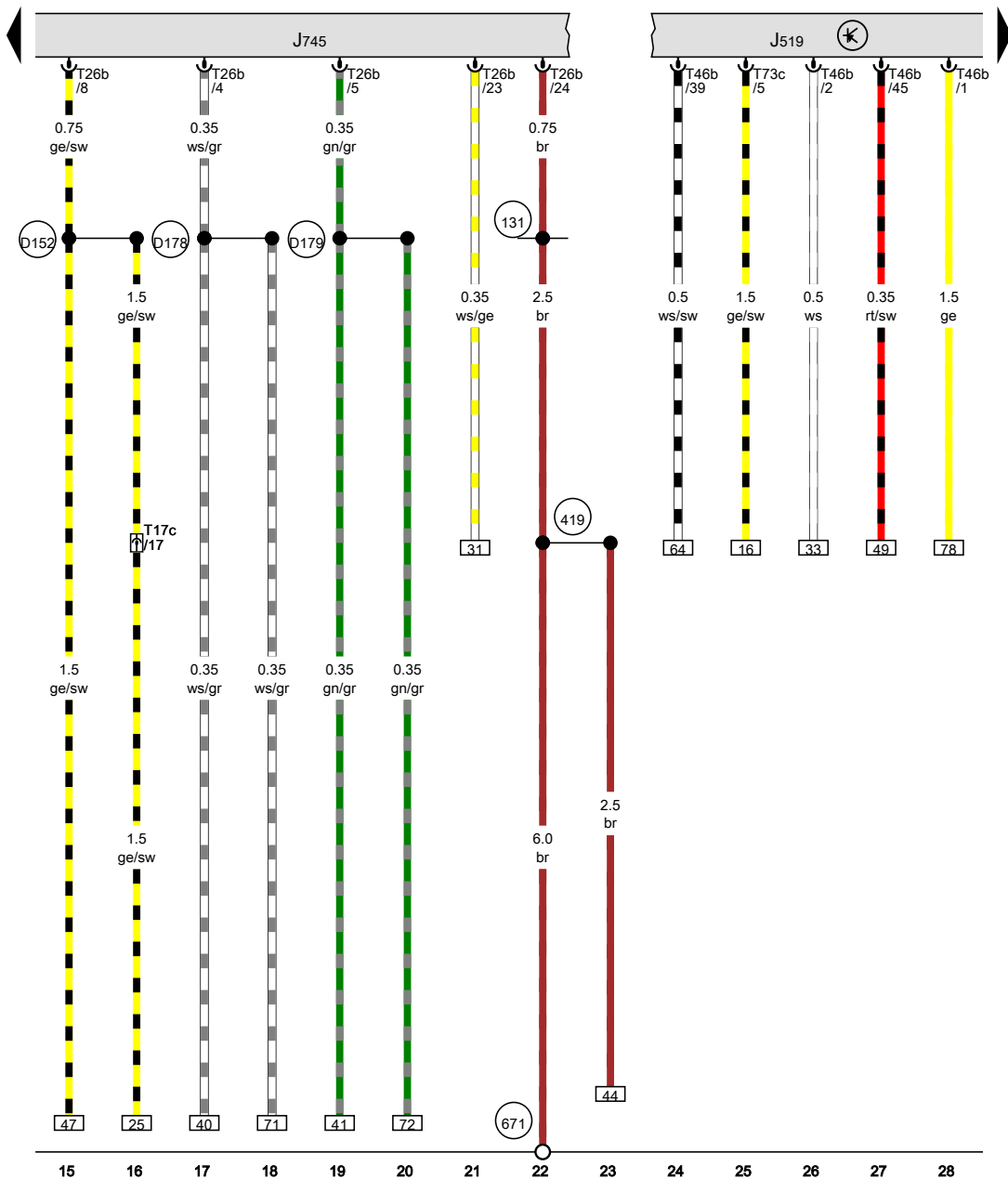
Rear left vehicle level sender, Terminal 15 voltage supply relay, Control unit for cornering light and headlight range control, Fuse 1 on fuse holder A, Fuse holder C

- G76 Rear left vehicle level sender
- J329 Terminal 15 voltage supply relay
- J533 Data bus diagnostic interface
- J745 Control unit for cornering light and headlight range control
- SA Fuse holder A
- SA1 Fuse 1 on fuse holder A
- SC Fuse holder C
- SC35 Fuse 35 on fuse holder C
- SC36 Fuse 36 on fuse holder C
- SC37 Fuse 37 on fuse holder C
- S131 Fuse 1
- T4bo 4-pin connector, black
- T17a 17-pin connector, black
- T17b 17-pin connector, brown
- T20a 20-pin connector, red
- T26b 26-pin connector, white
- 366 Earth connection 1, in main wiring harness
- 369 Earth connection 4, in main wiring harness
- 639 Earth point, left A-pillar
- 684 Earth point on front of left side member
- B108 Connection 1 (CAN bus extended high), in main wiring harness
- B109 Connection 1 (CAN bus extended low), in main wiring harness
- B279 Positive connection 3 (15a) in main wiring harness
- E135 Connection (CAN bus extended high), in engine compartment wiring harness
- E136 Connection (CAN bus extended low), in engine compartment wiring harness
- * Fuse rating depends on equipment, see fitting locations
- *2 For left-hand drive models
- *3 Cross section depends on equipment
- *4 For right-hand drive models
- *5 For RS 3 models
- *6 Not for RS 3 models

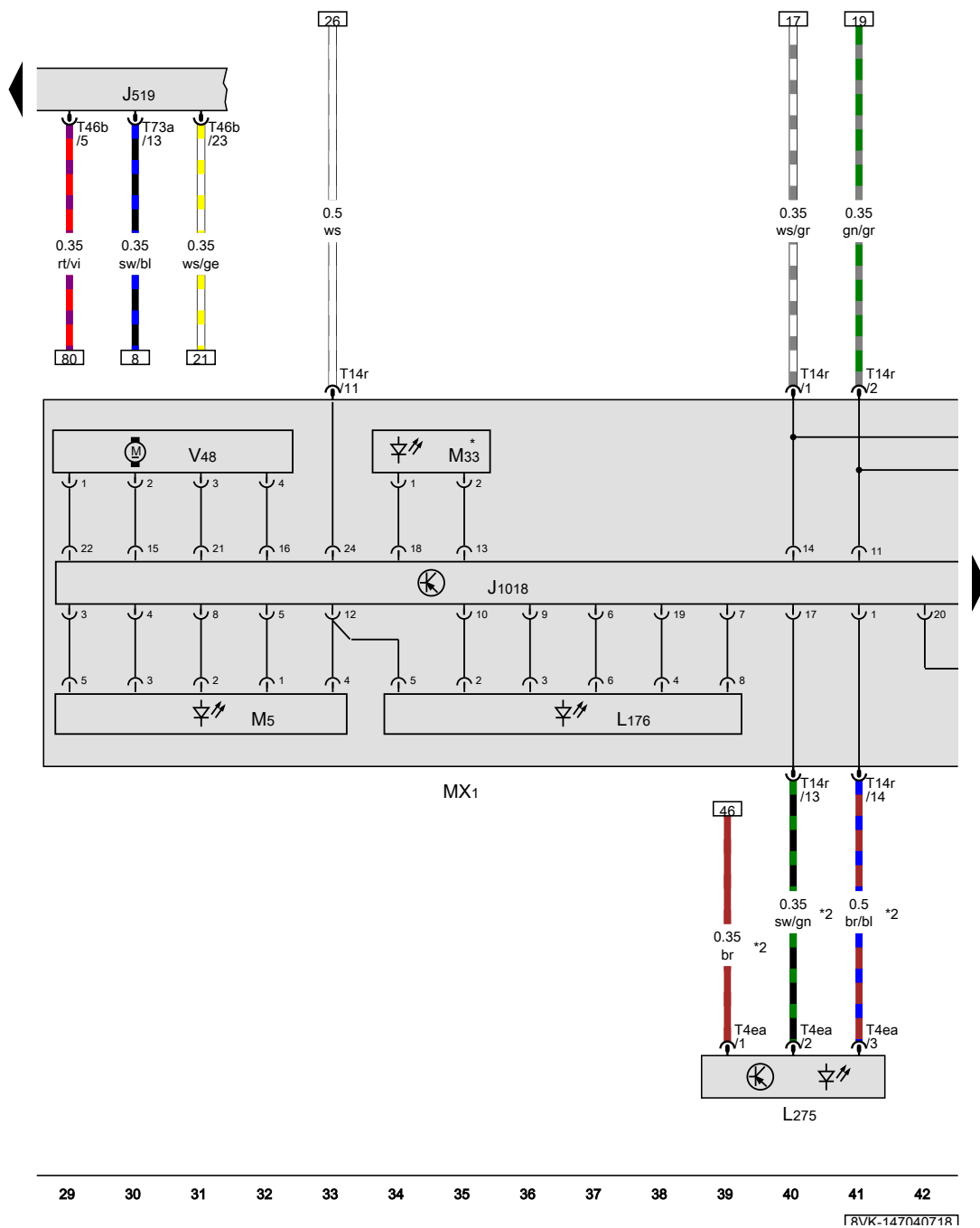
ws = white
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FRVK-1470207181

Onboard supply control unit, Control unit for cornering light and headlight range control



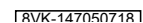
- J519 Onboard supply control unit
- J745 Control unit for cornering light and headlight range control
- T17c 17-pin connector, red
- T26b 26-pin connector, white
- T46b 46-pin connector, black
- T73c 73-pin connector, black
- 131 Earth connection 2, in engine compartment wiring harness
- 419 Earth connection 11, in engine compartment wiring harness
- 671 Earth point 1, on front of left longitudinal member
- D152 Positive connection 1 (56b), in engine compartment wiring harness
- D178 Connection 2 (high bus), in engine compartment wiring harness
- D179 Connection 2 (low bus), in engine compartment wiring harness



Onboard supply control unit, Left light control unit, Left LED module for daytime running light and side light, Light for left signature lighting, Front left headlight, Front left turn signal bulb, Front left side marker bulb, Left headlight range control motor

- J519 Onboard supply control unit
- J1018 Left light control unit
- L176 Left LED module for daytime running light and side light
- L275 Light for left signature lighting
- MX1 Front left headlight
- M5 Front left turn signal bulb
- M33 Front left side marker bulb
- T4ea 4-pin connector
- T14r 14-pin connector, black
- T46b 46-pin connector, black
- T73a 73-pin connector, black
- V48 Left headlight range control motor
- * For American markets
- *2 For models with hybrid drive system

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

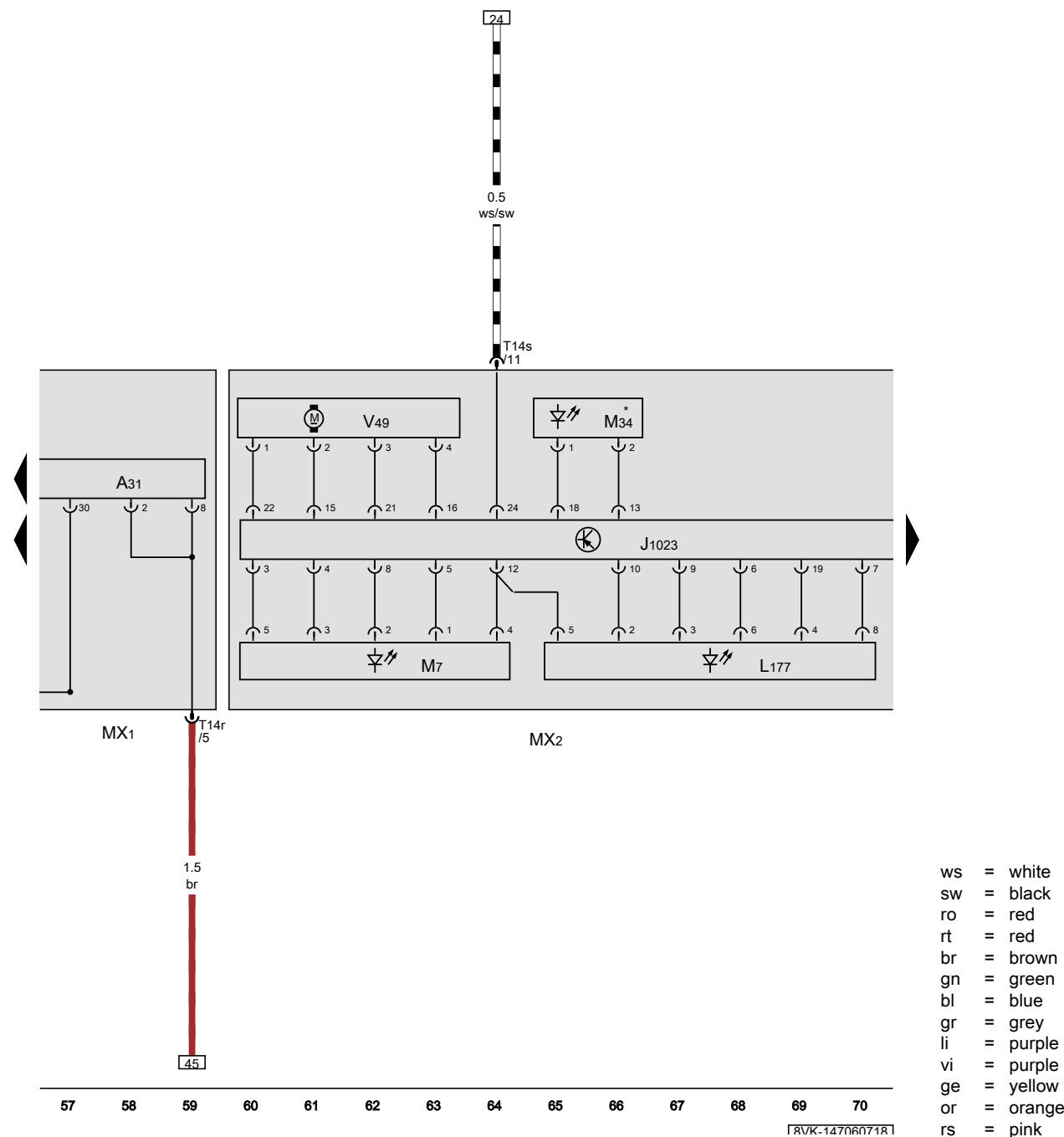


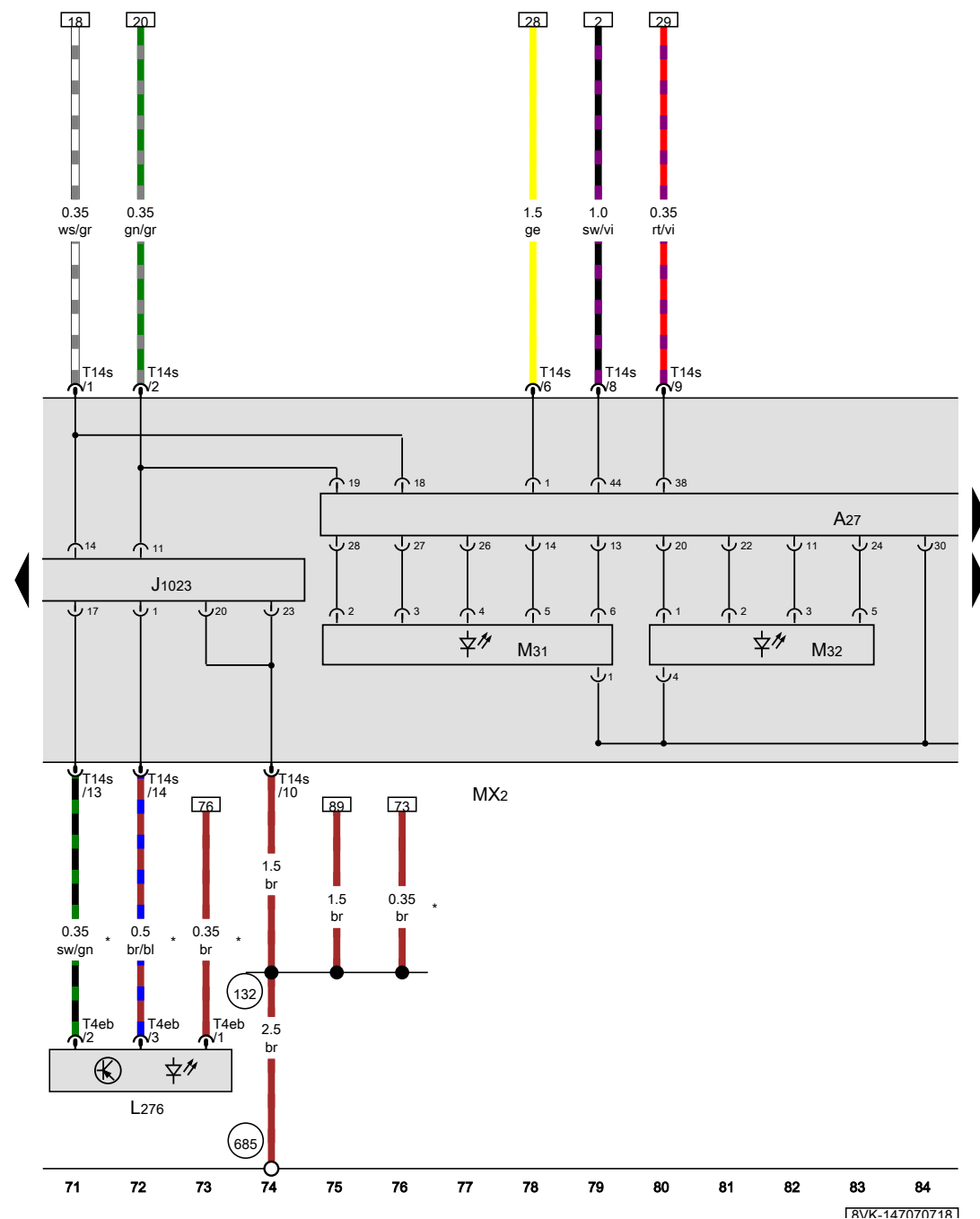
* For models with hybrid drive system

07.2018

Output module 1 for left LED headlight, Right light control unit, Right LED module for daytime running light and side light, Front left headlight, Front right headlight, Front right turn signal bulb, Front right side marker bulb, Right headlight range control motor

- A31 Output module 1 for left LED headlight
- J1023 Right light control unit
- L177 Right LED module for daytime running light and side light
- MX1 Front left headlight
- MX2 Front right headlight
- M7 Front right turn signal bulb
- M34 Front right side marker bulb
- T14r 14-pin connector, black
- T14s 14-pin connector, black
- V49 Right headlight range control motor
- * For American markets





Output module 1 for right LED headlight, Right light control unit, Front right headlight, Right headlight dipped beam bulb, Right headlight main beam bulb

- A27 Output module 1 for right LED headlight
- J1023 Right light control unit
- L276 Light for right signature lighting
- MX2 Front right headlight
- M31 Right headlight dipped beam bulb
- M32 Right headlight main beam bulb
- T4eb 4-pin connector
- T14s 14-pin connector, black

132 Earth connection 3, in engine compartment wiring harness

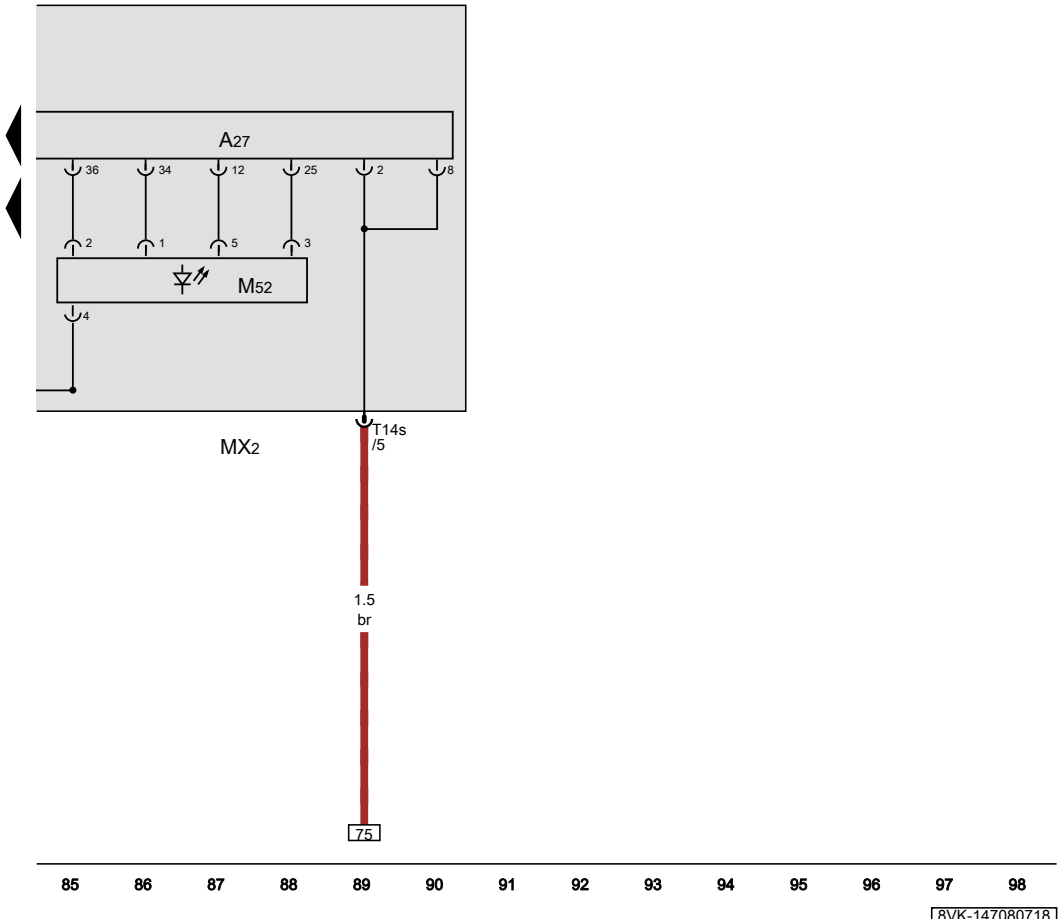
685 Earth point 1, on front of right longitudinal member

* For models with hybrid drive system

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

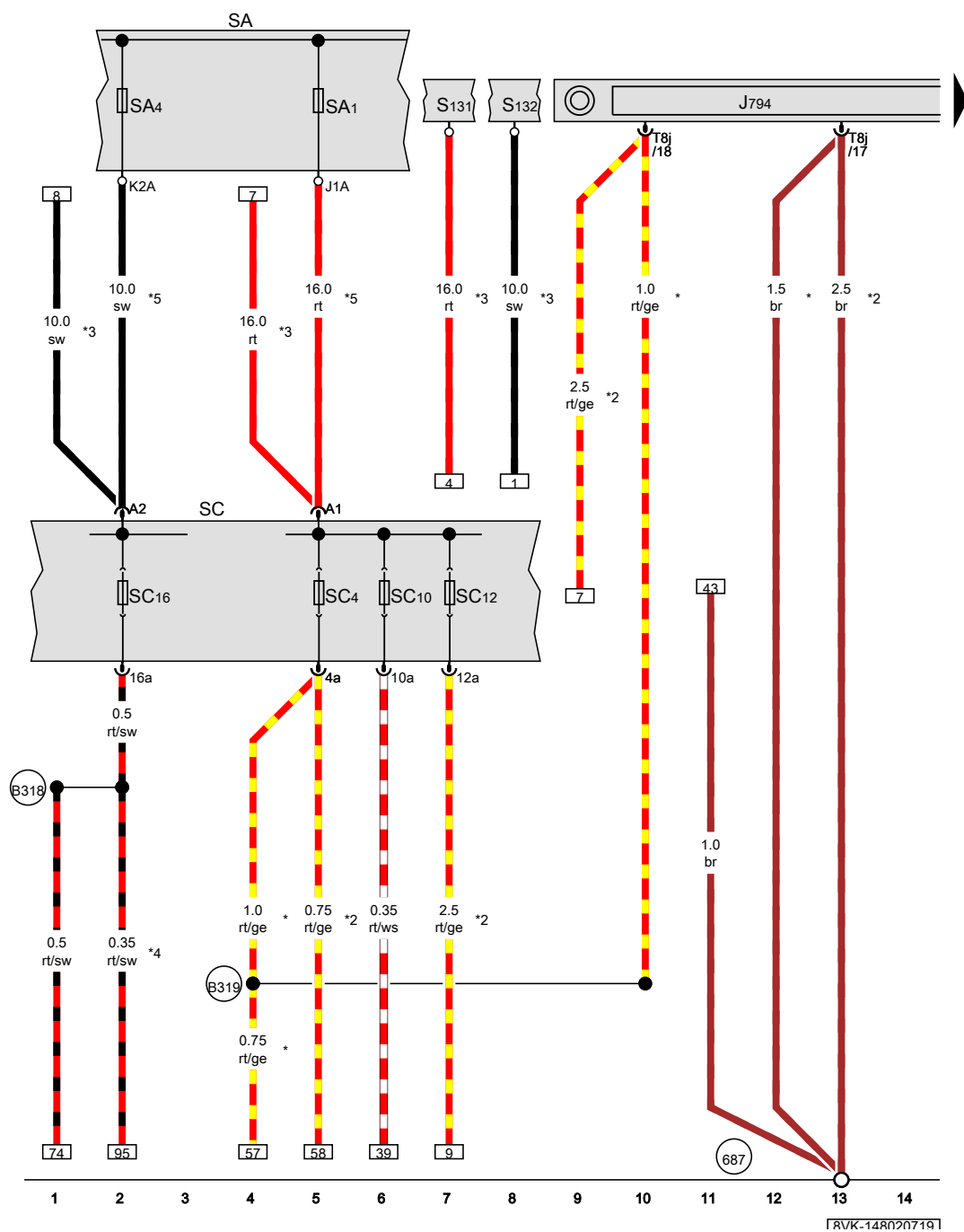
Output module 1 for right LED headlight, Front right headlight, Right static cornering light

- A27 Output module 1 for right LED headlight
- MX2 Front right headlight
- M52 Right static cornering light
- T14s 14-pin connector, black



MMI with radio , (GP1)

From May 2016



Control unit 1 for information electronics, Fuse holder A, Fuse 1 on fuse holder A, Fuse holder C

- J794 Control unit 1 for information electronics
- SA Fuse holder A
- SA1 Fuse 1 on fuse holder A
- SC4 Fuse 4 on fuse holder C
- SA4 Fuse 4 on fuse holder A
- SC Fuse holder C
- SC10 Fuse 10 on fuse holder C
- SC12 Fuse 12 on fuse holder C
- SC16 Fuse 16 on fuse holder C
- S131 Fuse 1
- S132 Fuse 2
- T8j 8-pin connector, black

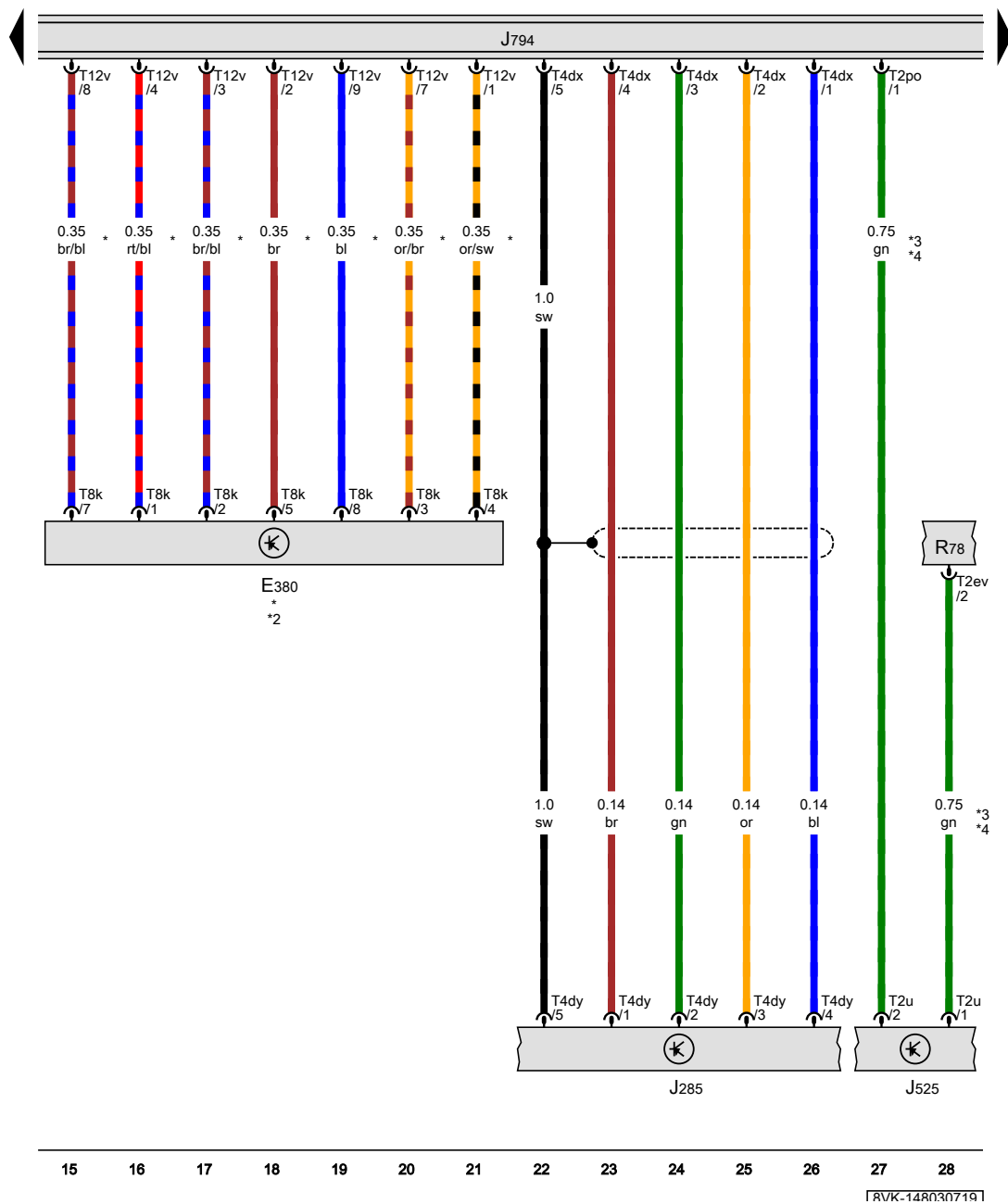
- 687 Earth point 1, on centre tunnel
- B318 Positive connection 4 (30a) in main wiring harness
- B319 Positive connection 5 (30a) in main wiring harness

- * For models with Bang & Olufsen sound system
- *2 According to equipment
- *3 For RS 3 models
- *4 For models with equipment for Japan
- *5 Not for RS 3 models

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

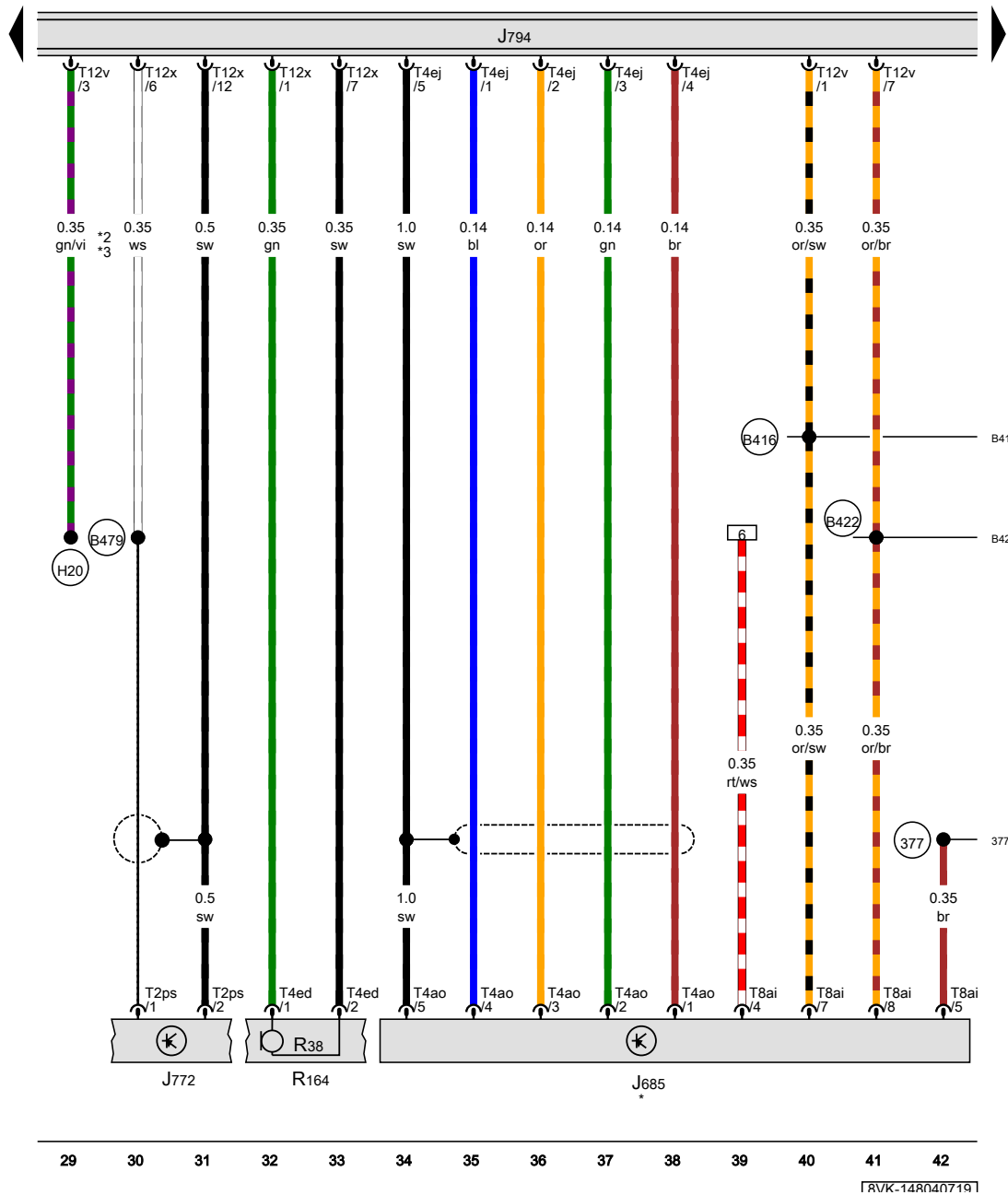
Multimedia system operating unit, Control unit 1 for information electronics

- E380 Multimedia system operating unit
- J285 Control unit in dash panel insert
- J525 Digital sound package control unit
- J794 Control unit 1 for information electronics
- R78 TV tuner
- T2ev 2-pin connector, black
- T2po 2-pin connector
- T2u 2-pin connector, black
- T4dx 4-pin connector
- T4dy 4-pin connector, black
- T8k 8-pin connector, black
- T12v 12-pin connector, grey
- * For models with radio
- *2 Gradually discontinued
- *3 Fibre optic cable (FOC)
- *4 see applicable current flow diagram for infotainment MOST bus

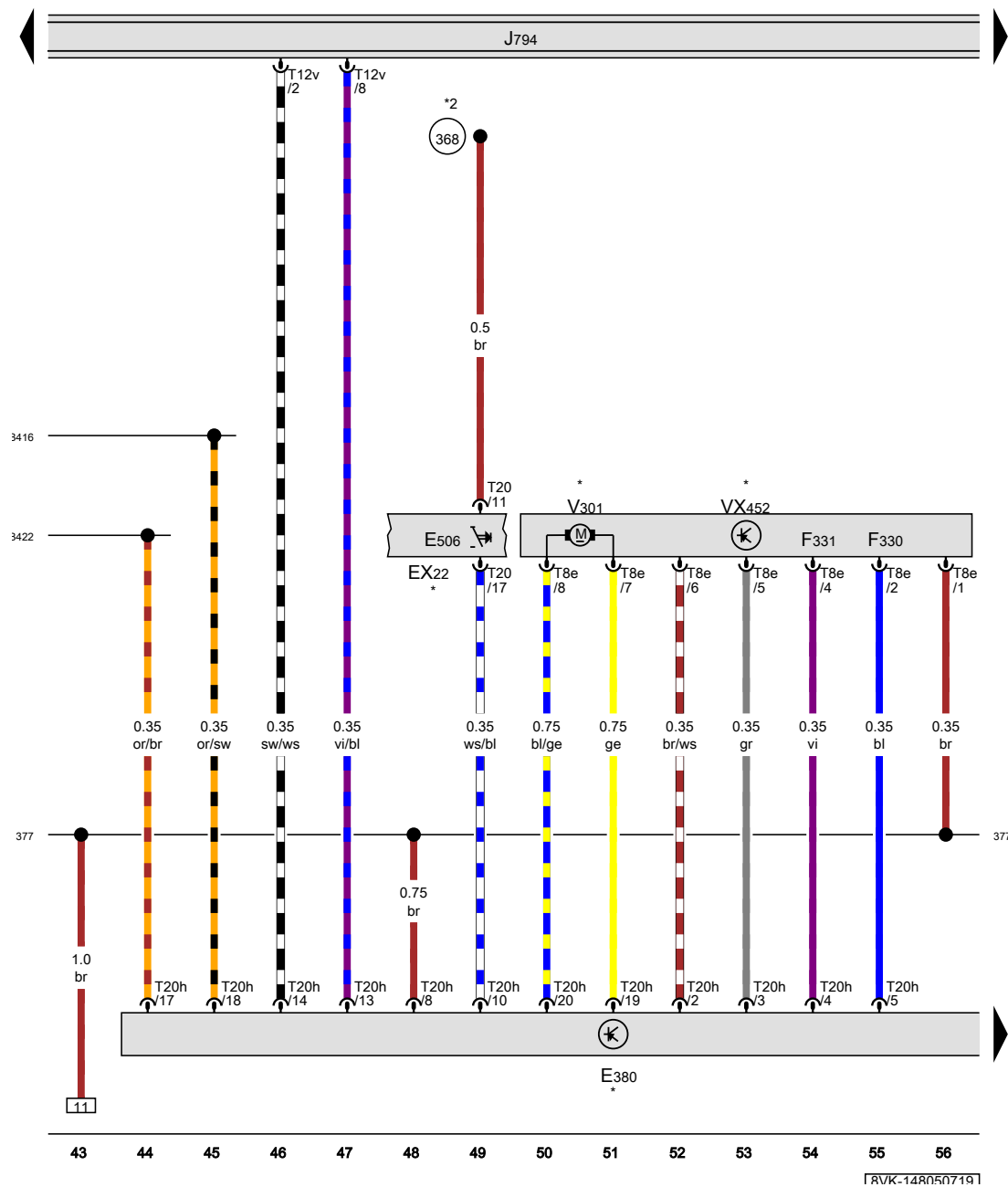


- ws = white
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- gr = grey
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- vi = purple
- ge = yellow
- or = orange
- rs = pink

Display unit for front information display and operating unit control unit, Reversing camera system control unit, Control unit 1 for information electronics, Microphone unit in front roof module



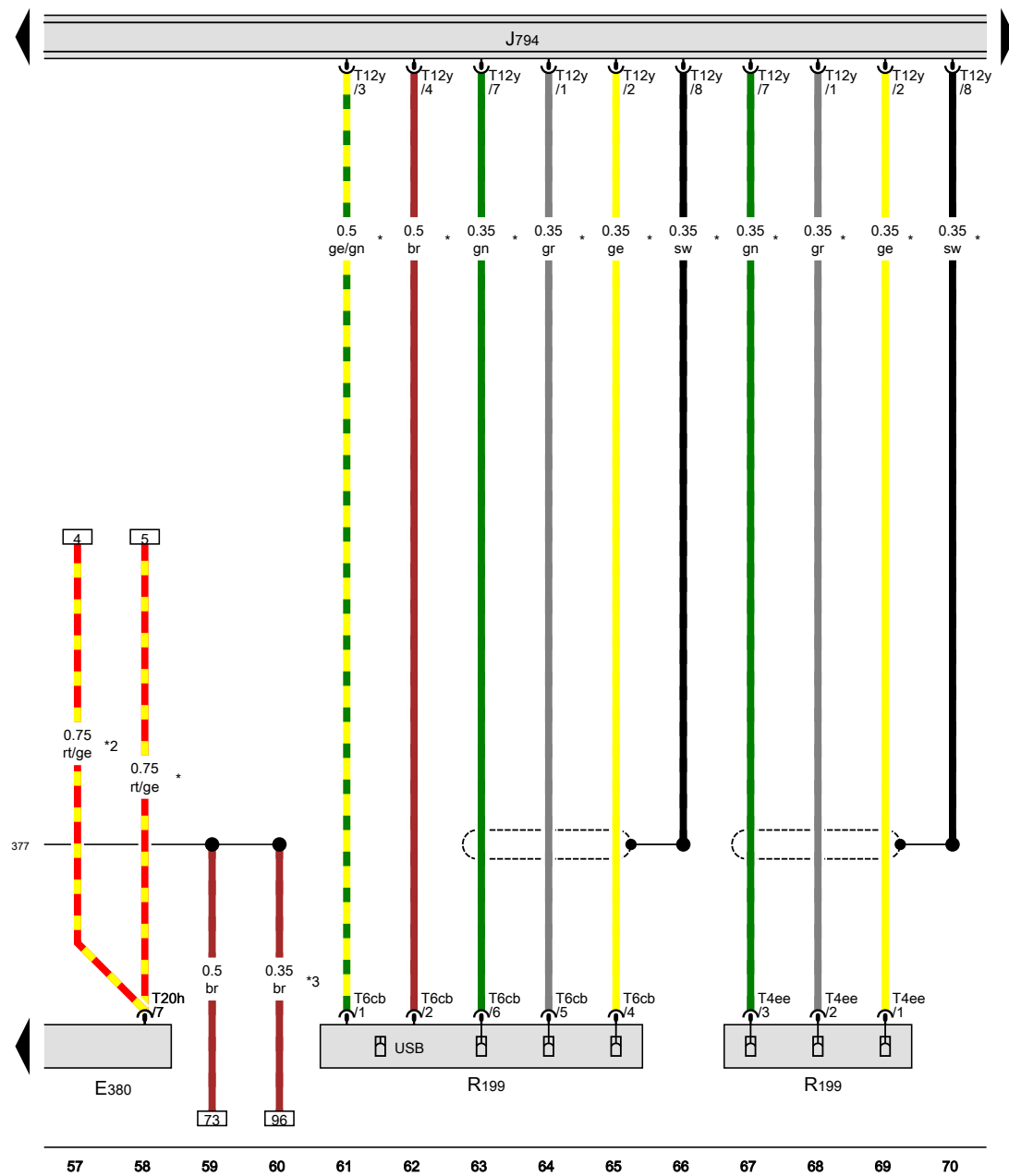
- J685 Display unit for front information display and operating unit control unit
- J772 Reversing camera system control unit
- J794 Control unit 1 for information electronics
- R38 Telephone microphone
- R164 Microphone unit in front roof module
- T2ps 2-pin connector, grey
- T4ao 4-pin connector, white
- T4ed 4-pin connector, black
- T4ej 4-pin connector
- T8ai 8-pin connector, black
- T12v 12-pin connector, grey
- T12x 12-pin connector, blue
- 377 Earth connection 12, in main wiring harness
- B416 Connection 2 (infotainment CAN bus, high), in main wiring harness
- B422 Connection 2 (infotainment CAN bus, low), in main wiring harness
- B479 Connection 15, in main wiring harness
- H20 Connection 1, in diagnosis wiring harness
- * For models with MMI
- *2 see applicable current flow diagram for ring break diagnosis
- *3 According to equipment



Centre switch module in dash panel, Multimedia system operating unit, Display unit button, Control unit 1 for information electronics, Open and close display motor, Pivot mechanism for display

- EX22 Centre switch module in dash panel
- E380 Multimedia system operating unit
- E506 Display unit button
- F330 Open display limit switch
- F331 Close display limit switch
- J794 Control unit 1 for information electronics
- T8e 8-pin connector, black
- T12v 12-pin connector, grey
- T20 20-pin connector, red
- T20h 20-pin connector, red
- V301 Open and close display motor
- VX452 Pivot mechanism for display

- 368 Earth connection 3, in main wiring harness
- 377 Earth connection 12, in main wiring harness
- B416 Connection 2 (infotainment CAN bus, high), in main wiring harness
- B422 Connection 2 (infotainment CAN bus, low), in main wiring harness
- * For models with MMI
- *2 see applicable current flow diagram for basic equipment



Multimedia system operating unit, Control unit 1 for information electronics, Connection for external audio sources

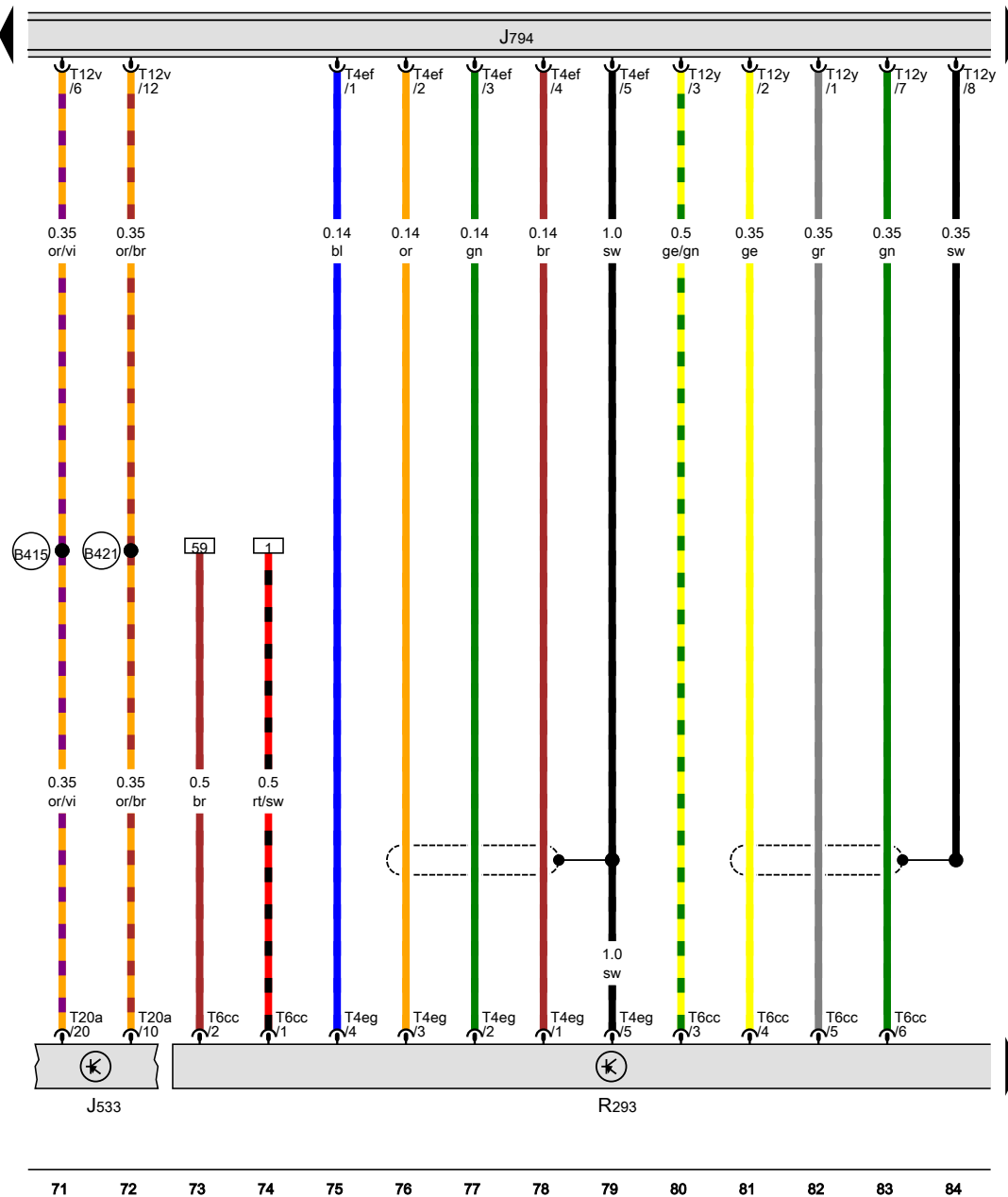
- E380 Multimedia system operating unit
- J794 Control unit 1 for information electronics
- R199 Connection for external audio sources
- T4ee 4-pin connector, brown
- T6cb 6-pin connector, brown
- T12y 12-pin connector, green
- T20h 20-pin connector, red

377 Earth connection 12, in main wiring harness

- * According to equipment
- *2 For models with Bang & Olufsen sound system
- *3 For models with equipment for Japan

ws = white
sw = black
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rt = red
br = brown
gn = green
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gr = grey
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vi = purple
ge = yellow
or = orange
rs = pink

Data bus diagnostic interface, Control unit 1 for information electronics, USB hub



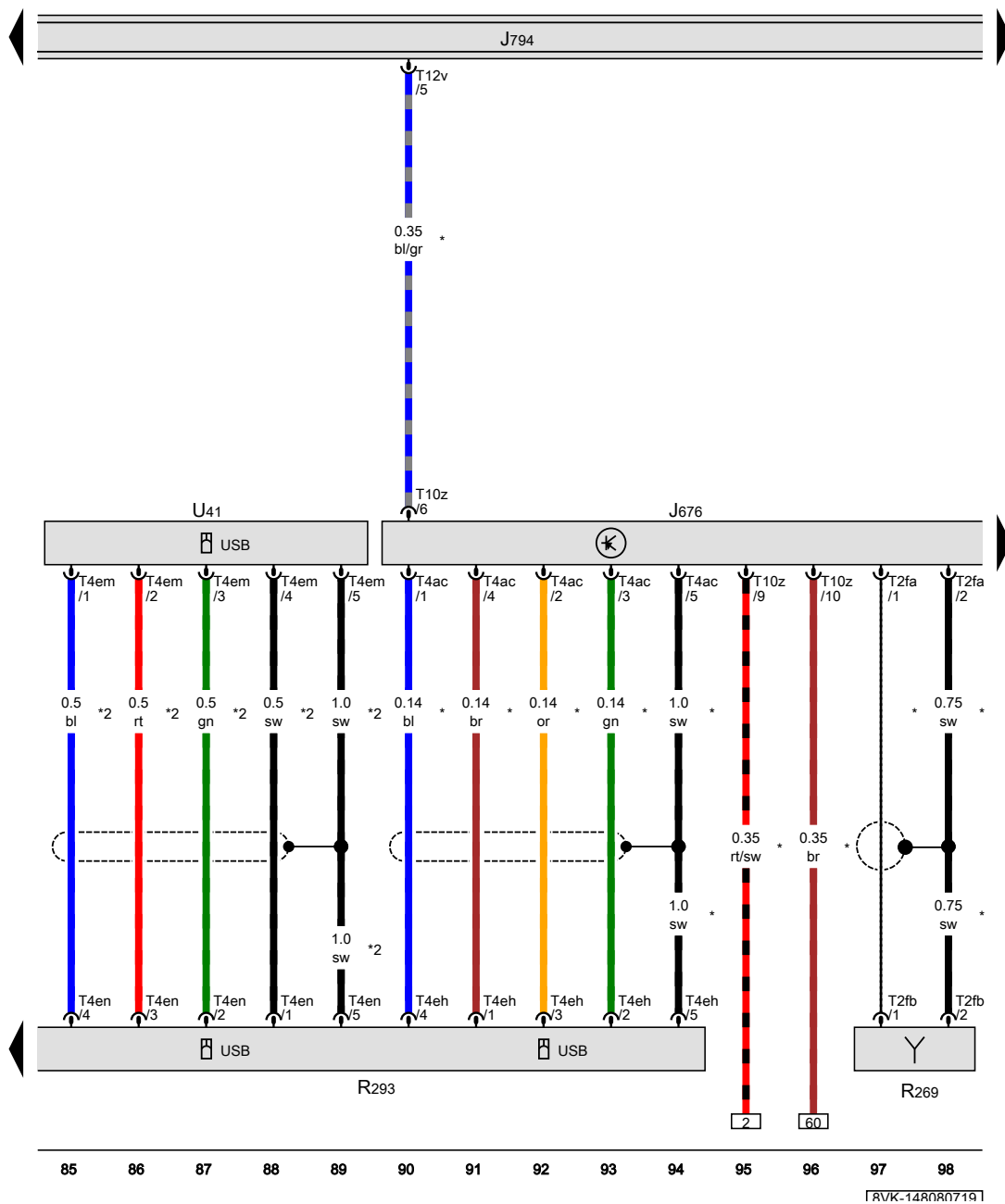
- J533 Data bus diagnostic interface
- J794 Control unit 1 for information electronics
- R293 USB hub
- T4ef 4-pin connector, yellow
- T4eg 4-pin connector, green
- T6cc 6-pin connector, black
- T12v 12-pin connector, grey
- T12y 12-pin connector, green
- T20a 20-pin connector, red
- (B415) Connection 1 (infotainment CAN bus, high), in main wiring harness
- (B421) Connection 1 (infotainment CAN bus, low), in main wiring harness

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 sw = black
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 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

1AVK-148070719

Chip card reader control unit, Control unit 1 for information electronics, Dedicated short-range communication aerial, USB hub

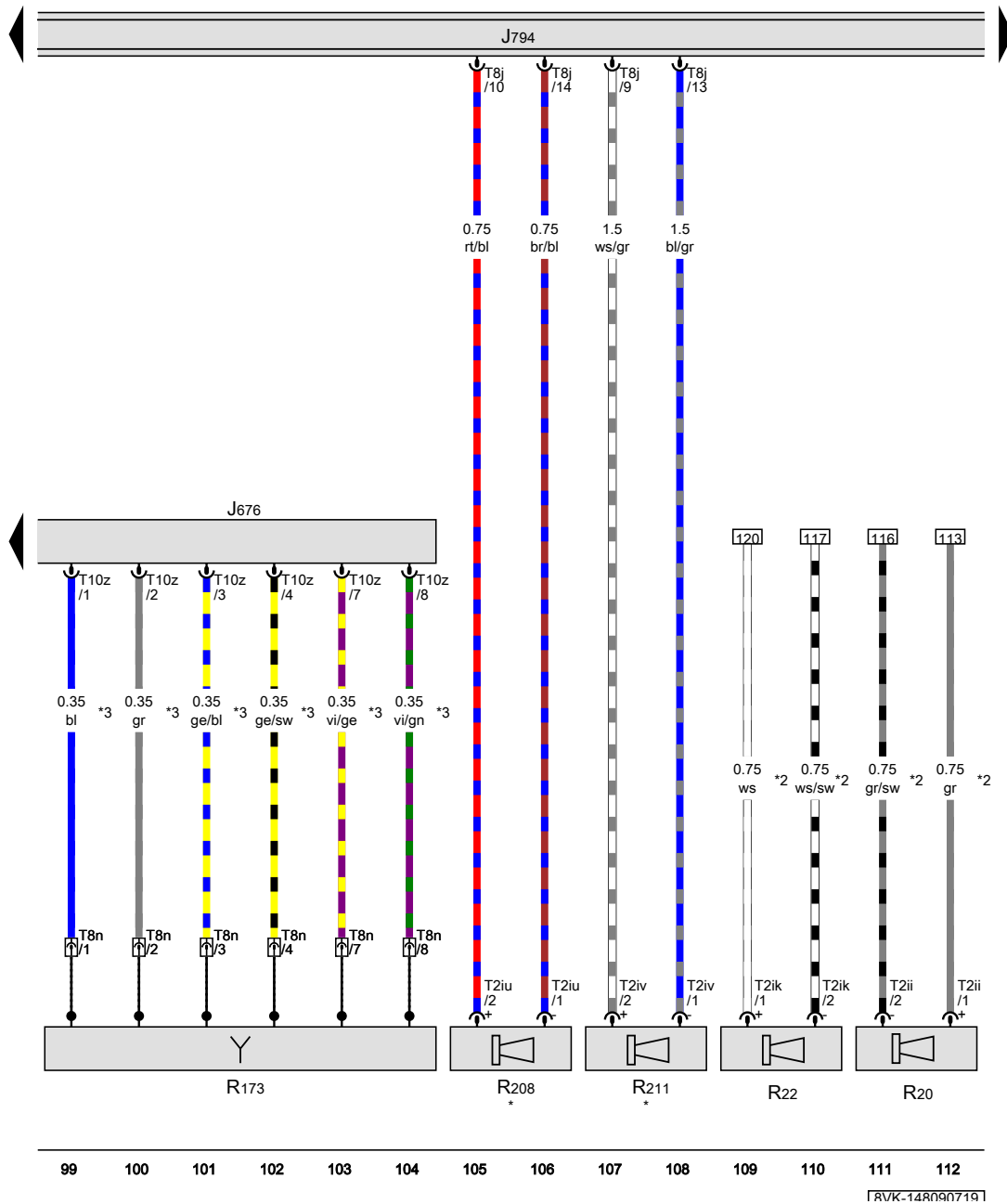
- J676 Chip card reader control unit
- J794 Control unit 1 for information electronics
- R269 Dedicated short-range communication aerial
- R293 USB hub
- T2fa 2-pin connector, yellow
- T2fb 2-pin connector, yellow
- T4ac 4-pin connector, brown
- T4eh 4-pin connector, brown
- T4em 4-pin connector
- T4en 4-pin connector
- T10z 10-pin connector, black
- T12v 12-pin connector, grey
- U41 USB connection 1
- * For models with equipment for Japan
- *2 For left-hand drive models

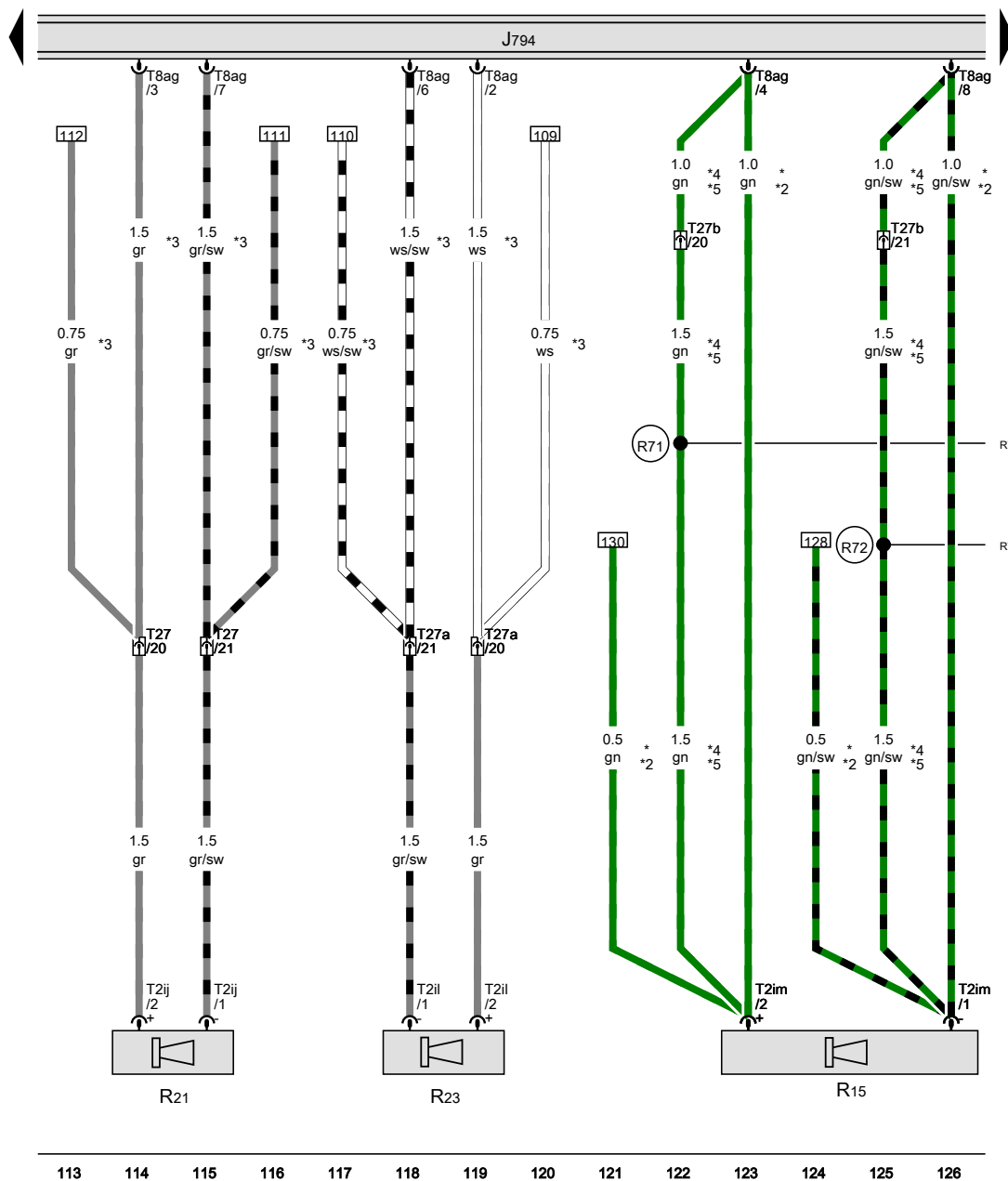


- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Chip card reader control unit, Control unit 1 for information electronics, Front left treble loudspeaker, Front right treble loudspeaker, Traffic data aerial, Centre loudspeaker, Subwoofer

- J676 Chip card reader control unit
- J794 Control unit 1 for information electronics
- R20 Front left treble loudspeaker
- R22 Front right treble loudspeaker
- R173 Traffic data aerial
- R208 Centre loudspeaker
- R211 Subwoofer
- T2ii 2-pin connector, black
- T2ik 2-pin connector, black
- T2iu 2-pin connector
- T2iv 2-pin connector
- T8j 8-pin connector, black
- T8n 8-pin connector, black
- T10z 10-pin connector, black
- * According to equipment
- *2 Cross section depends on equipment
- *3 For models with equipment for Japan





Control unit 1 for information electronics, Rear left bass loudspeaker, Front left bass loudspeaker, Front right bass loudspeaker

- J794 Control unit 1 for information electronics
- R15 Rear left bass loudspeaker
- R21 Front left bass loudspeaker
- R23 Front right bass loudspeaker
- T2ij 2-pin connector, black
- T2il 2-pin connector, black
- T2im 2-pin connector, black
- T8ag 8-pin connector, brown
- T27 27-pin connector, black
- T27a 27-pin connector, black
- T27b 27-pin connector, black

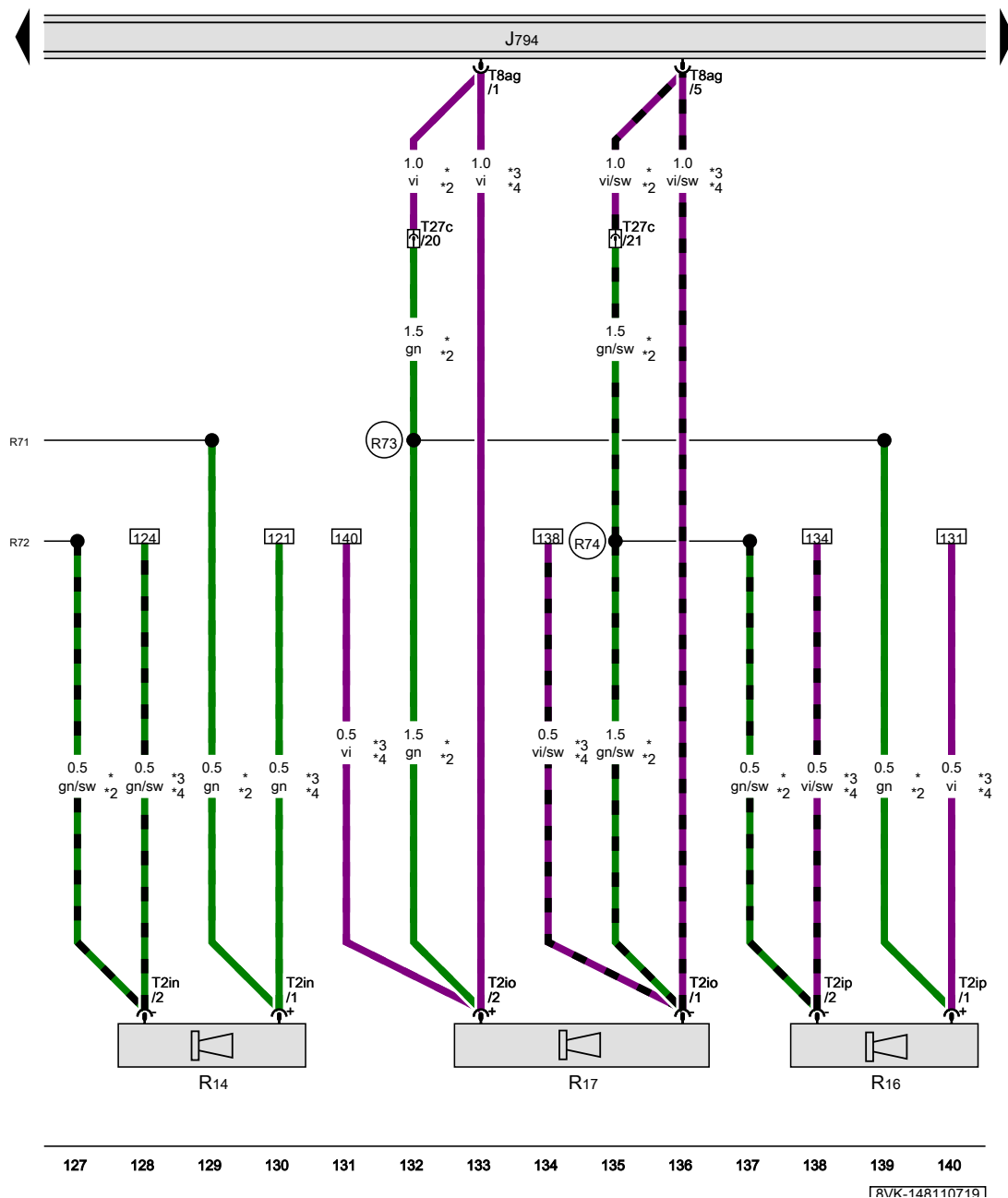
R71 Connection (positive, loudspeaker)), in rear left door wiring harness

R72 Connection (negative, loudspeaker), in rear left door wiring harness

- * For models with 3 doors
- *2 For Cabriolet models
- *3 Cross section depends on equipment
- *4 For models with 4 doors
- *5 For models with 5 doors

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

1AVK-14R1007191



Control unit 1 for information electronics, Rear left treble loudspeaker, Rear right treble loudspeaker, Rear right bass loudspeaker

J794 Control unit 1 for information electronics

R14 Rear left treble loudspeaker

R16 Rear right treble loudspeaker

R17 Rear right bass loudspeaker

T2in 2-pin connector, black

T2io 2-pin connector

T2ip 2-pin connector

T8ag 8-pin connector, brown

T27c 27-pin connector, black

R71 Connection (positive, loudspeaker)), in rear left door wiring harness

R72 Connection (negative, loudspeaker), in rear left door wiring harness

R73 Connection (positive, loudspeaker)), in rear right door wiring harness

R74 Connection (negative, loudspeaker), in rear right door wiring harness

* For models with 4 doors

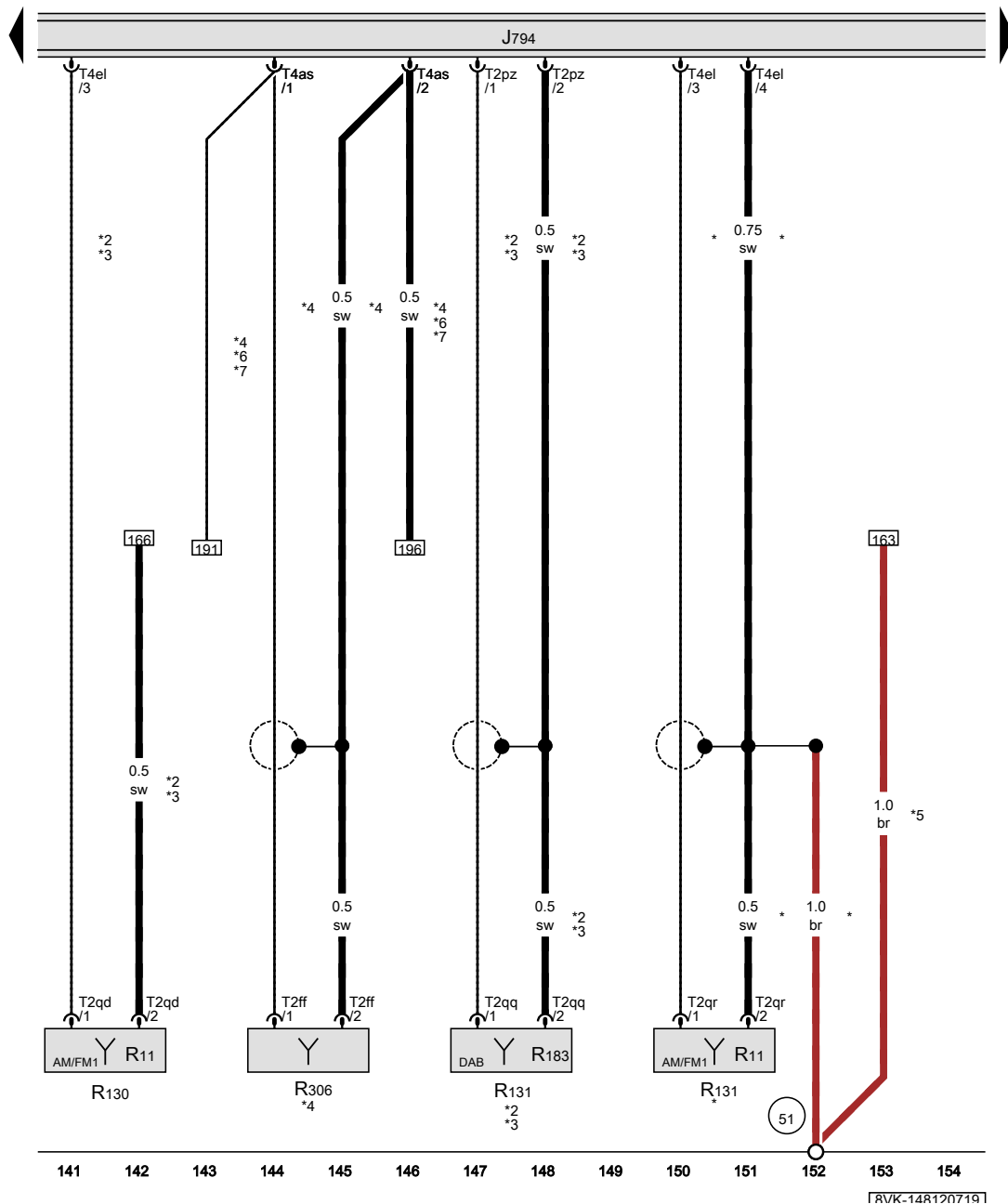
*2 For models with 5 doors

*3 For models with 3 doors

*4 For Cabriolet models

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Control unit 1 for information electronics, Rear window aerial 1, Rear window aerial 2

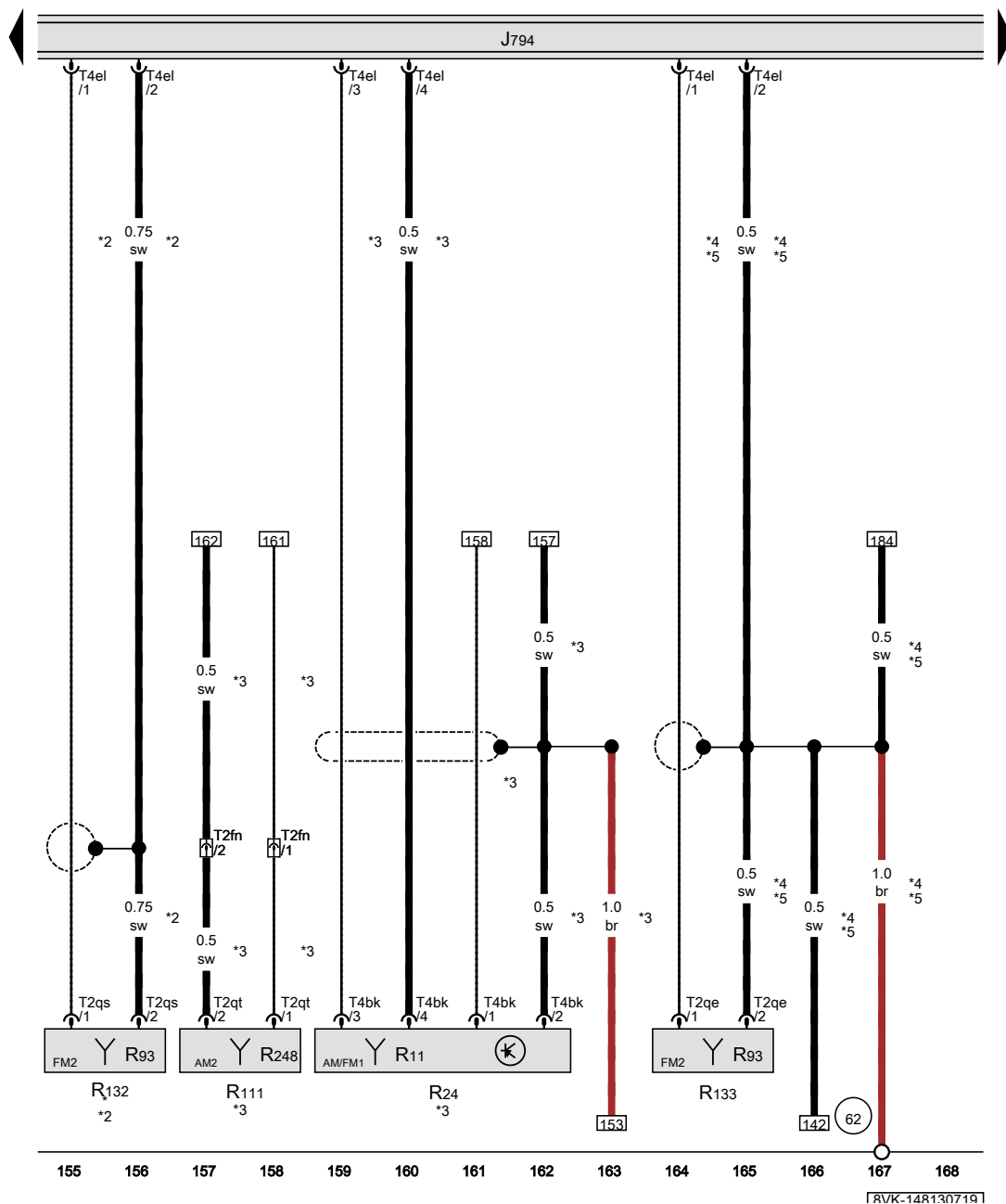


- J794 Control unit 1 for information electronics
- R11 Aerial
- R130 Rear window aerial 1
- R131 Rear window aerial 2
- R183 Digital radio aerial
- R306 LTE aerial 2, behind rear bumper on right, in dash panel
- T2ff 2-pin connector, white
- T2pz 2-pin connector, black
- T2qd 2-pin connector
- T2qq 2-pin connector
- T2qr 2-pin connector
- T4as 4-pin connector, purple
- T4el 4-pin connector, white

51 Earth point, on right in luggage compartment

- * For models with 4 doors
- *2 For models with 3 doors
- *3 For models with 5 doors
- *4 For models with mobile online services
- *5 For Cabriolet models
- *6 For models with hybrid drive system
- *7 Gradually discontinued

Control unit 1 for information electronics, Aerial amplifier, Rear window aerial 3, Rear window aerial 4



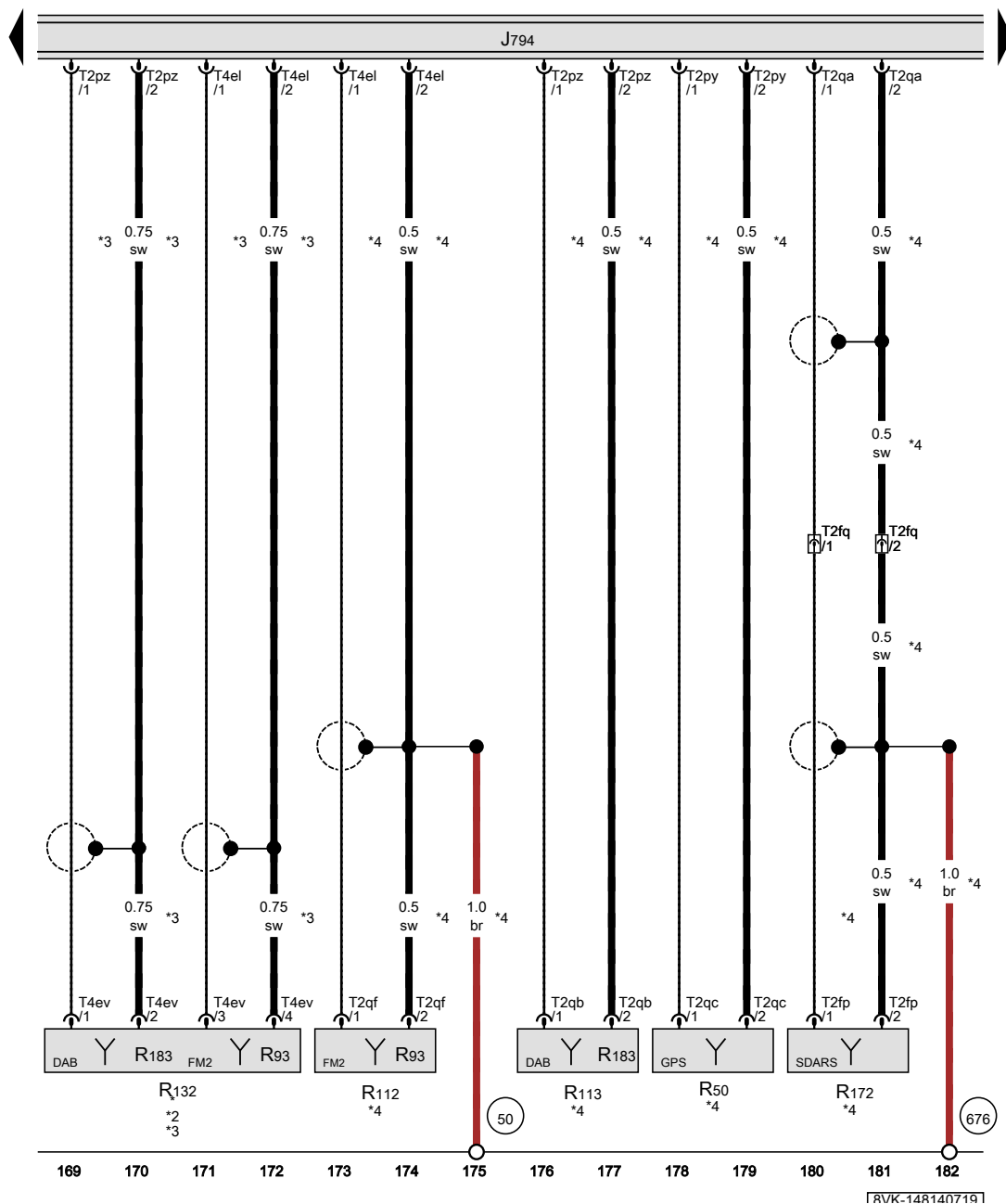
- J794 Control unit 1 for information electronics
- R11 Aerial
- R24 Aerial amplifier
- R93 Radio aerial 2
- R111 Aerial amplifier 2
- R132 Rear window aerial 3
- R133 Rear window aerial 4
- R248 Radio aerial
- T2fn 2-pin connector, black
- T2qe 2-pin connector
- T2qs 2-pin connector
- T2qt 2-pin connector
- T4bk 4-pin connector
- T4el 4-pin connector, white
- 62 Earth point, right C-pillar
- * For models with no digital radio
- *2 For models with 4 doors
- *3 For Cabriolet models
- *4 For models with 3 doors
- *5 For models with 5 doors

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

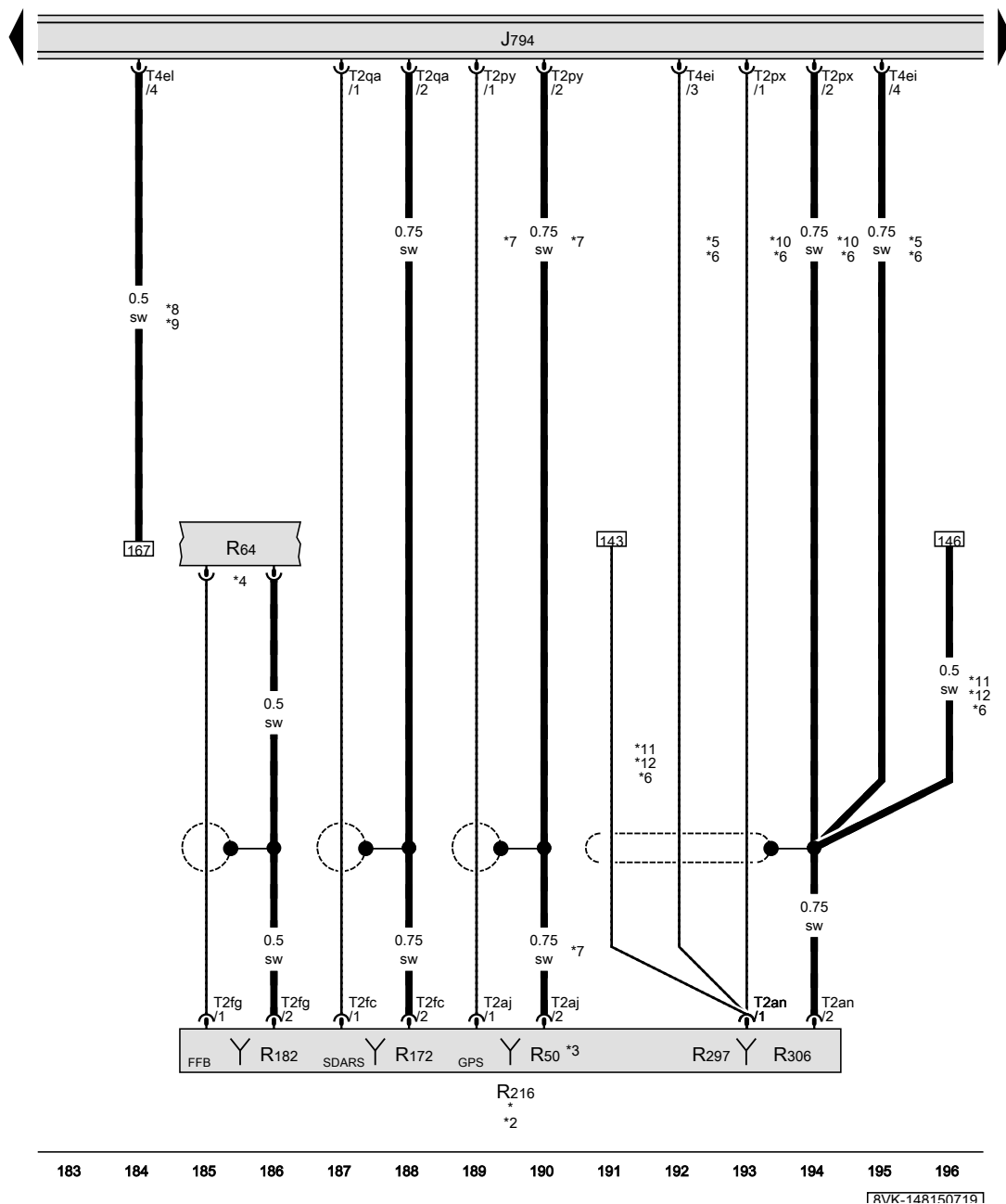
J794	Control unit 1 for information electronics
R50	GPS aerial
R93	Radio aerial 2
R112	Aerial amplifier 3
R113	Aerial amplifier 4
R132	Rear window aerial 3
R172	Satellite tuner aerial
R183	Digital radio aerial
T2fp	2-pin connector
T2fq	2-pin connector
T2py	2-pin connector, blue
T2pz	2-pin connector, black
T2qa	2-pin connector, brown
T2qb	2-pin connector
T2qc	2-pin connector
T2qf	2-pin connector
T4el	4-pin connector, white
T4ev	4-pin connector

- 50 Earth point, on left in luggage compartment
- 676 Earth point 2, on left in luggage compartment
- * For models with digital radio
- *2 For models with no satellite radio
- *3 For models with 4 doors
- *4 For Cabriolet models

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink



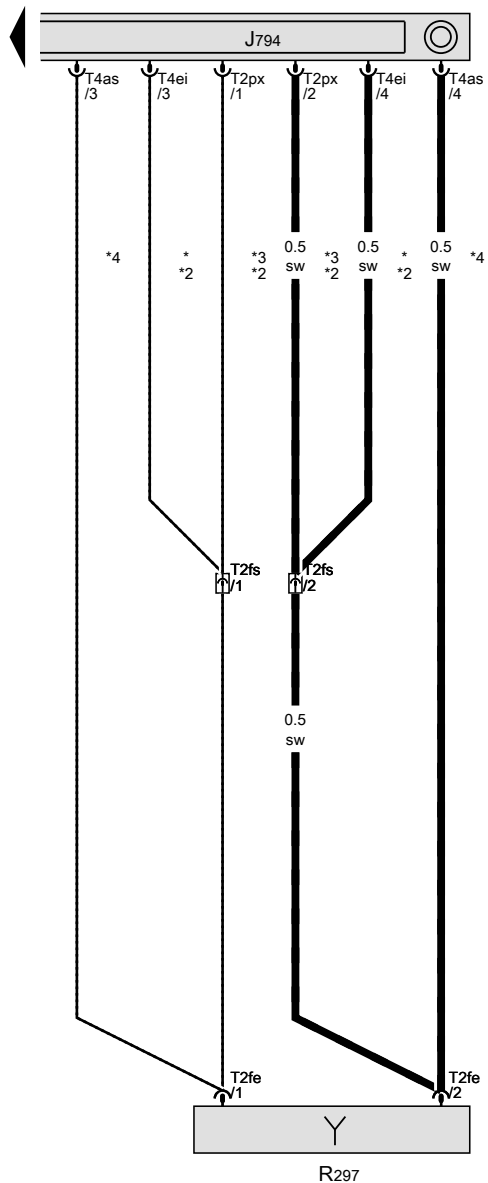
Control unit 1 for information electronics, Roof aerial



- J794 Control unit 1 for information electronics
- R50 GPS aerial
- R64 Remote control receiver for auxiliary heater
- R172 Satellite tuner aerial
- R182 Auxiliary heater aerial
- R216 Roof aerial
- R297 LTE aerial 1
- R306 LTE aerial 2
- T2aj 2-pin connector
- T2an 2-pin connector
- T2fc 2-pin connector
- T2fg 2-pin connector
- T2px 2-pin connector, purple
- T2py 2-pin connector, blue
- T2qa 2-pin connector, brown
- T4ei 4-pin connector, purple
- T4el 4-pin connector, white
- * For models with no digital radio
- *2 For models with satellite radio
- *3 According to equipment
- *4 For models with auxiliary heating
- *5 For models with equipment for China
- *6 Gradually discontinued
- *7 For models with no hybrid drive system
- *8 For models with 3 doors
- *9 For models with 5 doors
- *10 For models with equipment for Japan
- *11 For models with mobile online services
- *12 For models with hybrid drive system

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

Control unit 1 for information electronics, LTE aerial 1



- J794 Control unit 1 for information electronics
- R297 LTE aerial 1, behind rear bumper on left
- T2fe 2-pin connector
- T2fs 2-pin connector
- T2px 2-pin connector, purple
- T4as 4-pin connector, purple
- T4ei 4-pin connector, purple
- * For models with equipment for China
- *2 Gradually discontinued
- *3 For models with equipment for Japan
- *4 For models with mobile online services

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- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

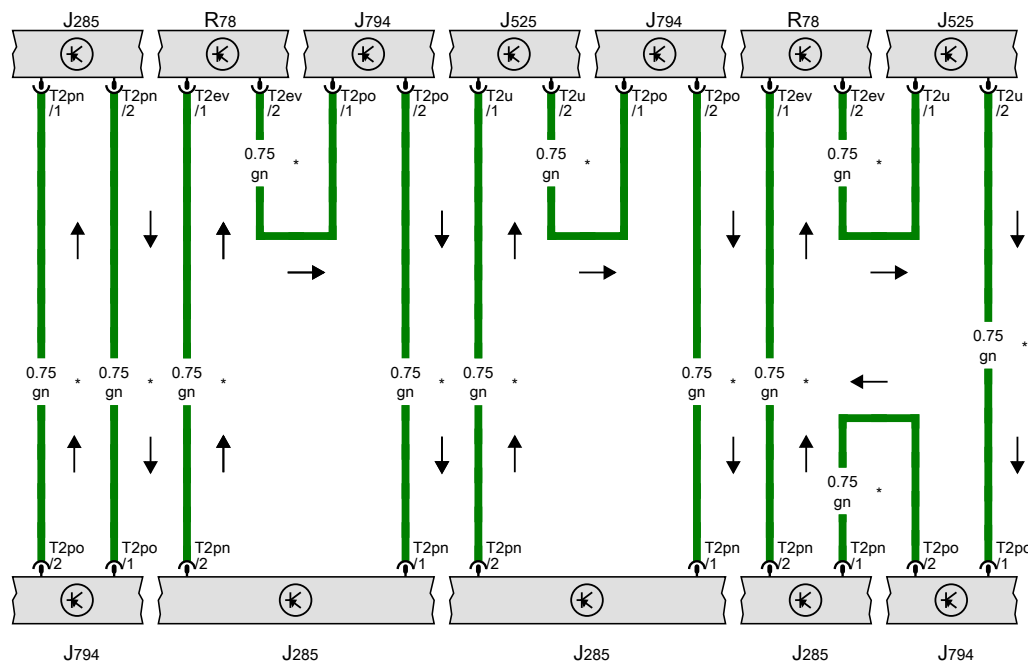


Infotainment MOST bus

From May 2016

Control unit in dash panel insert, Digital sound package control unit, Control unit 1 for information electronics, TV tuner

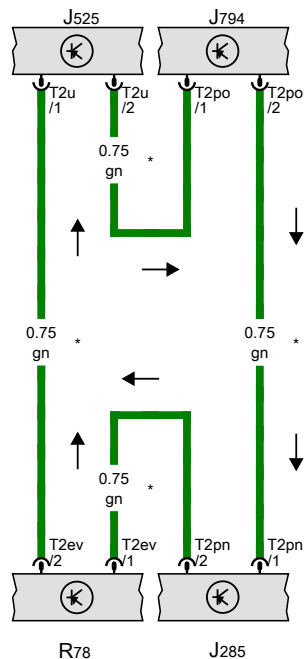
- J285 Control unit in dash panel insert
- J525 Digital sound package control unit
- J794 Control unit 1 for information electronics
- R78 TV tuner
- T2ev 2-pin connector, black
- T2pn 2-pin connector, black
- T2po 2-pin connector, black
- T2u 2-pin connector, black
- * According to equipment



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- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Control unit in dash panel insert, Digital sound package control unit, Control unit 1 for information electronics, TV tuner

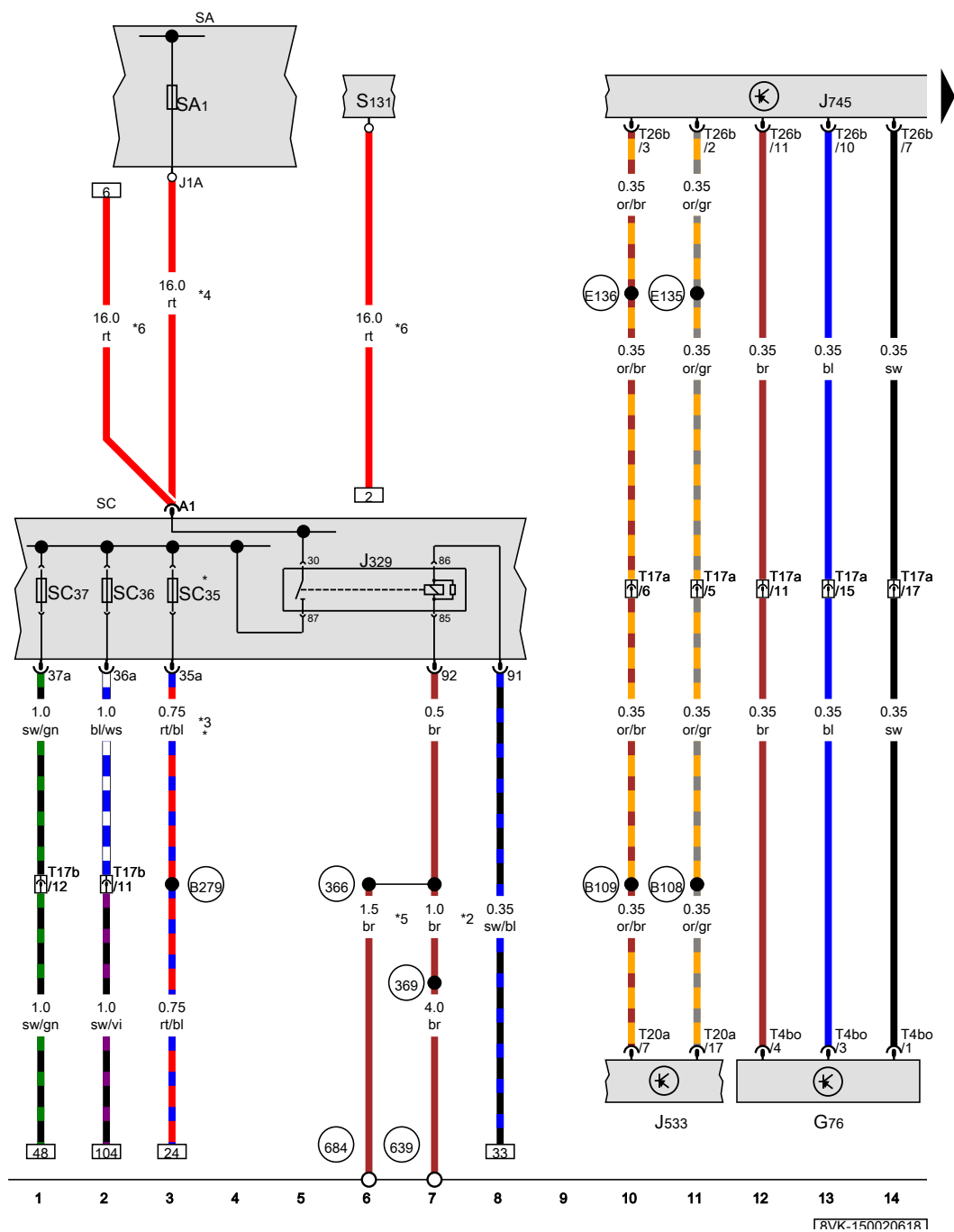
- J285 Control unit in dash panel insert
- J525 Digital sound package control unit
- J794 Control unit 1 for information electronics
- R78 TV tuner
- T2ev 2-pin connector, black
- T2pn 2-pin connector, black
- T2po 2-pin connector, black
- T2u 2-pin connector, black
- * According to equipment



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- ro = red
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- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

LED matrix beam headlights , (8G4)

From May 2016

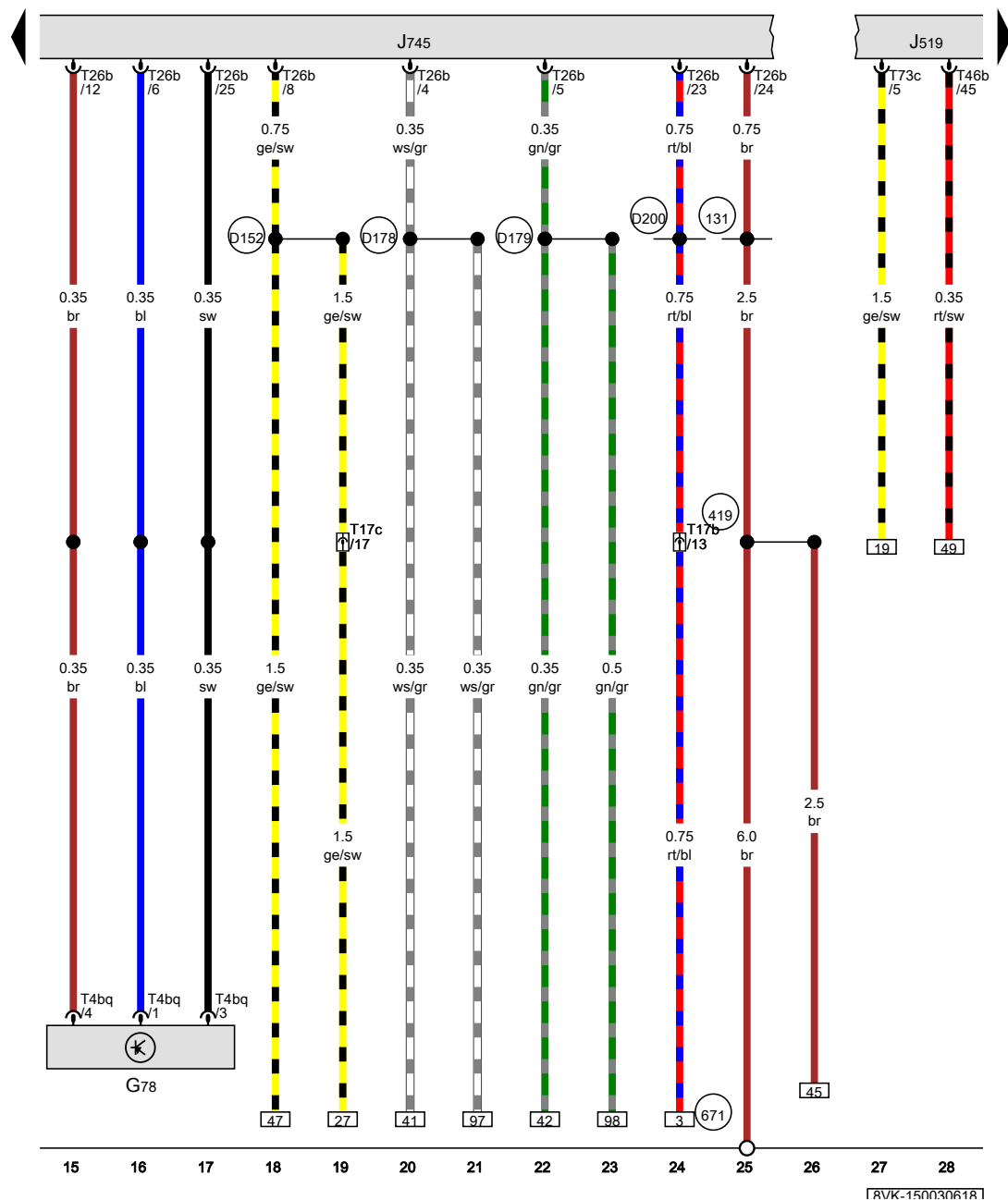


Rear left vehicle level sender, Terminal 15 voltage supply relay, Control unit for cornering light and headlight range control, Fuse 1 on fuse holder A, Fuse holder C

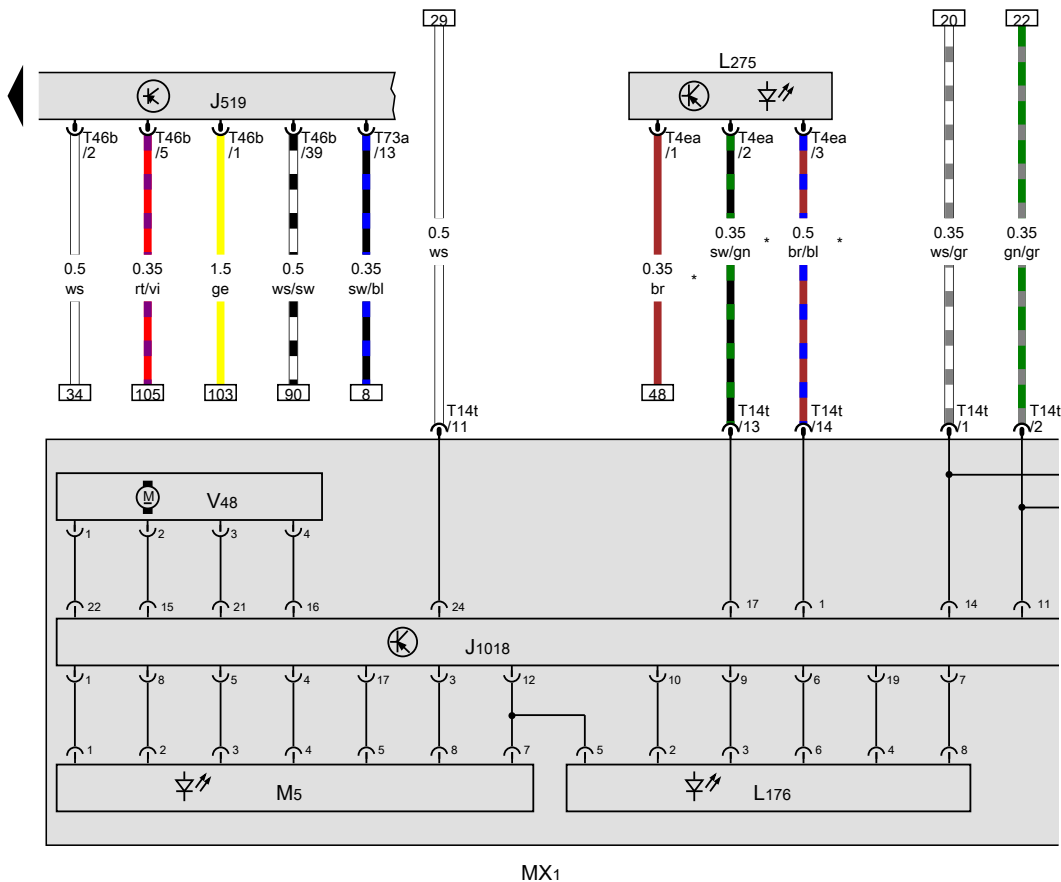
- G76 Rear left vehicle level sender
- J329 Terminal 15 voltage supply relay
- J533 Data bus diagnostic interface
- J745 Control unit for cornering light and headlight range control
- SC36 Fuse 36 on fuse holder C
- SC37 Fuse 37 on fuse holder C
- S131 Fuse 1
- SA Fuse holder A
- SA1 Fuse 1 on fuse holder A
- SC Fuse holder C
- SC35 Fuse 35 on fuse holder C
- T4bo 4-pin connector, black
- T17a 17-pin connector, black
- T17b 17-pin connector, brown
- T20a 20-pin connector, red
- T26b 26-pin connector, white
- 366 Earth connection 1, in main wiring harness
- 369 Earth connection 4, in main wiring harness
- 639 Earth point, left A-pillar
- 684 Earth point on front of left side member
- B108 Connection 1 (CAN bus extended high), in main wiring harness
- B109 Connection 1 (CAN bus extended low), in main wiring harness
- B279 Positive connection 3 (15a) in main wiring harness
- E135 Connection (CAN bus extended high), in engine compartment wiring harness
- E136 Connection (CAN bus extended low), in engine compartment wiring harness
- * Fuse rating depends on equipment, see fitting locations
- *2 For left-hand drive models
- *3 Cross section depends on equipment
- *4 Not for RS 3 models
- *5 For right-hand drive models
- *6 For RS 3 models

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

Front left vehicle level sender, Onboard supply control unit,
Control unit for cornering light and headlight range control



- G78 Front left vehicle level sender
- J519 Onboard supply control unit
- J745 Control unit for cornering light and headlight range control
- T4bq 4-pin connector
- T17b 17-pin connector, brown
- T17c 17-pin connector, red
- T26b 26-pin connector, white
- T46b 46-pin connector, black
- T73c 73-pin connector, black
- 131 Earth connection 2, in engine compartment wiring harness
- 419 Earth connection 11, in engine compartment wiring harness
- 671 Earth point 1, on front of left longitudinal member
- D152 Positive connection 1 (56b), in engine compartment wiring harness
- D178 Connection 2 (high bus), in engine compartment wiring harness
- D179 Connection 2 (low bus), in engine compartment wiring harness
- D200 Positive connection 3 (15a), in engine compartment wiring harness



Onboard supply control unit, Left light control unit, Left LED module for daytime running light and side light, Light for left signature lighting, Front left headlight, Front left turn signal bulb, Left headlight range control motor

- J519 Onboard supply control unit
- J1018 Left light control unit
- L176 Left LED module for daytime running light and side light
- L275 Light for left signature lighting
- MX1 Front left headlight
- M5 Front left turn signal bulb
- T4ea 4-pin connector
- T14t 14-pin connector
- T46b 46-pin connector, black
- T73a 73-pin connector, black
- V48 Left headlight range control motor
- * For models with hybrid drive system

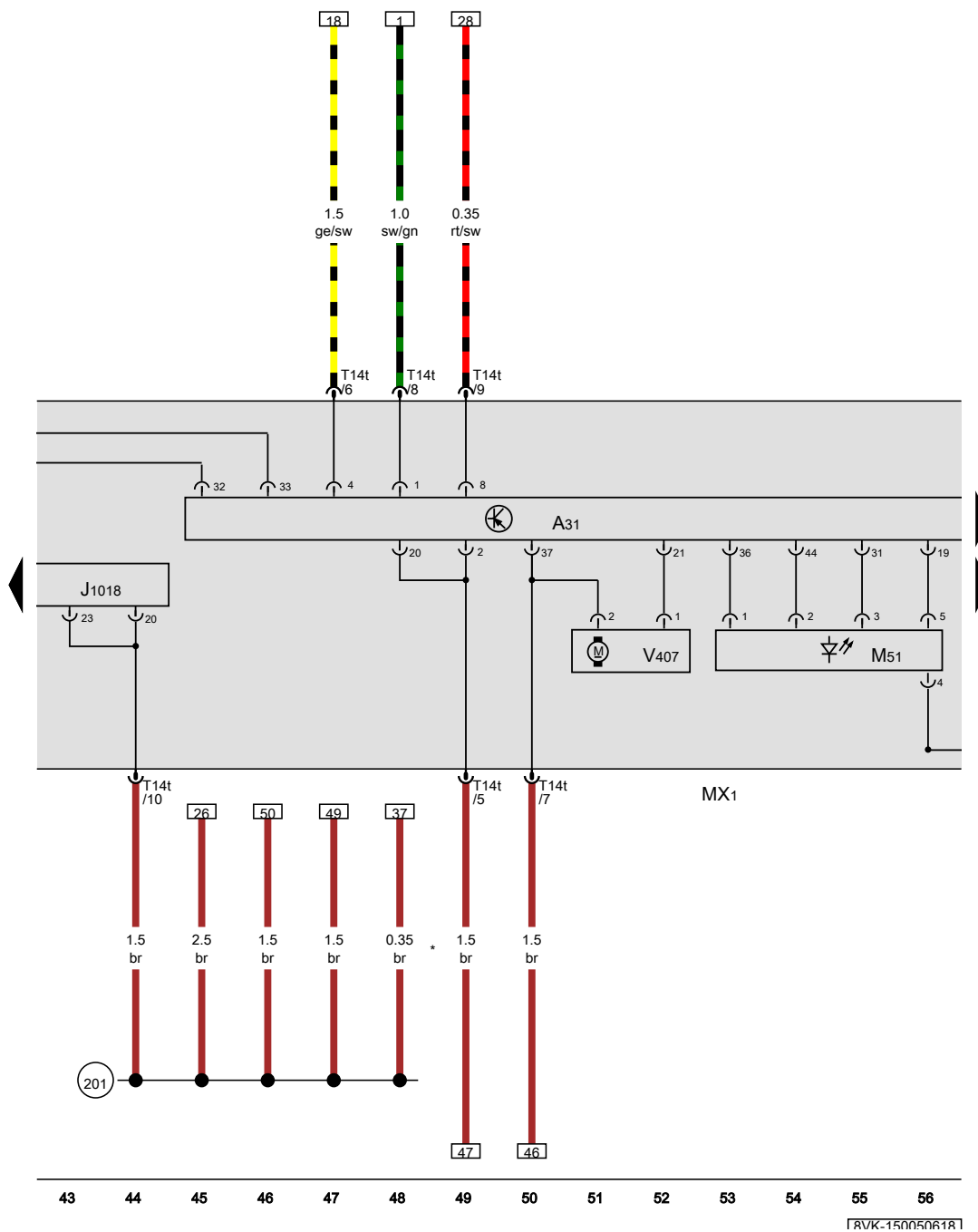
ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Output module 1 for left LED headlight, Left light control unit, Front left headlight, Left static cornering light, Left headlight fan

- A31 Output module 1 for left LED headlight
- J1018 Left light control unit
- MX1 Front left headlight
- M51 Left static cornering light
- T14t 14-pin connector
- V407 Left headlight fan

201 Earth connection 5, in engine compartment wiring harness

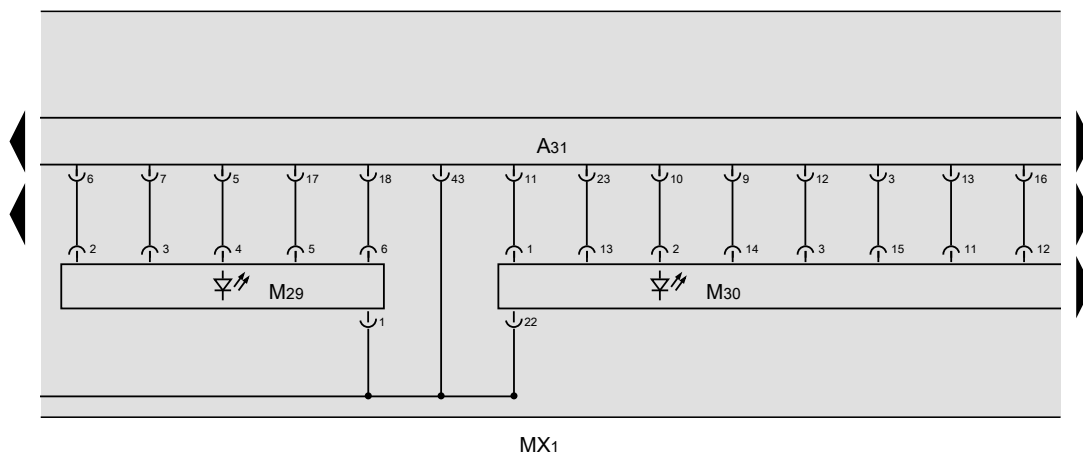
* For models with hybrid drive system



ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

Output module 1 for left LED headlight, Front left headlight, Left headlight dipped beam bulb, Left headlight main beam bulb

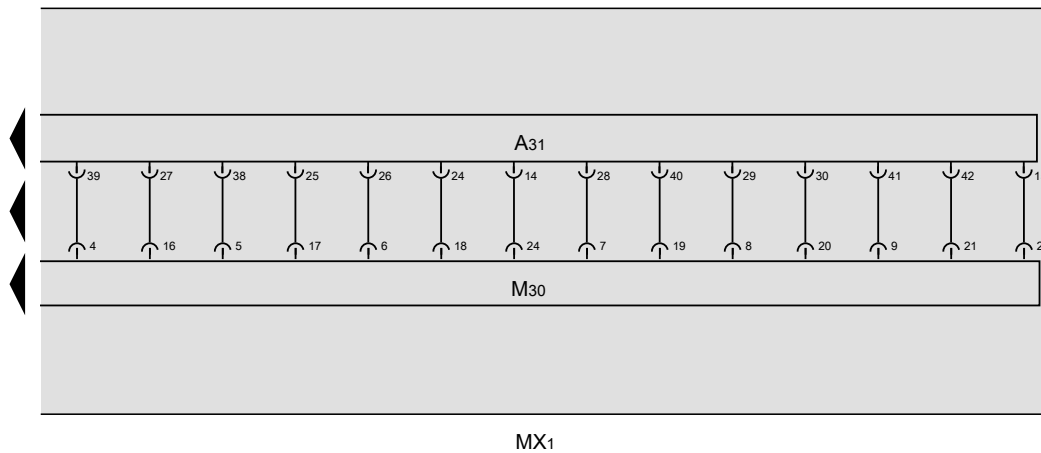
- A31 Output module 1 for left LED headlight
- MX1 Front left headlight
- M29 Left headlight dipped beam bulb
- M30 Left headlight main beam bulb



- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Output module 1 for left LED headlight, Front left headlight,
Left headlight main beam bulb

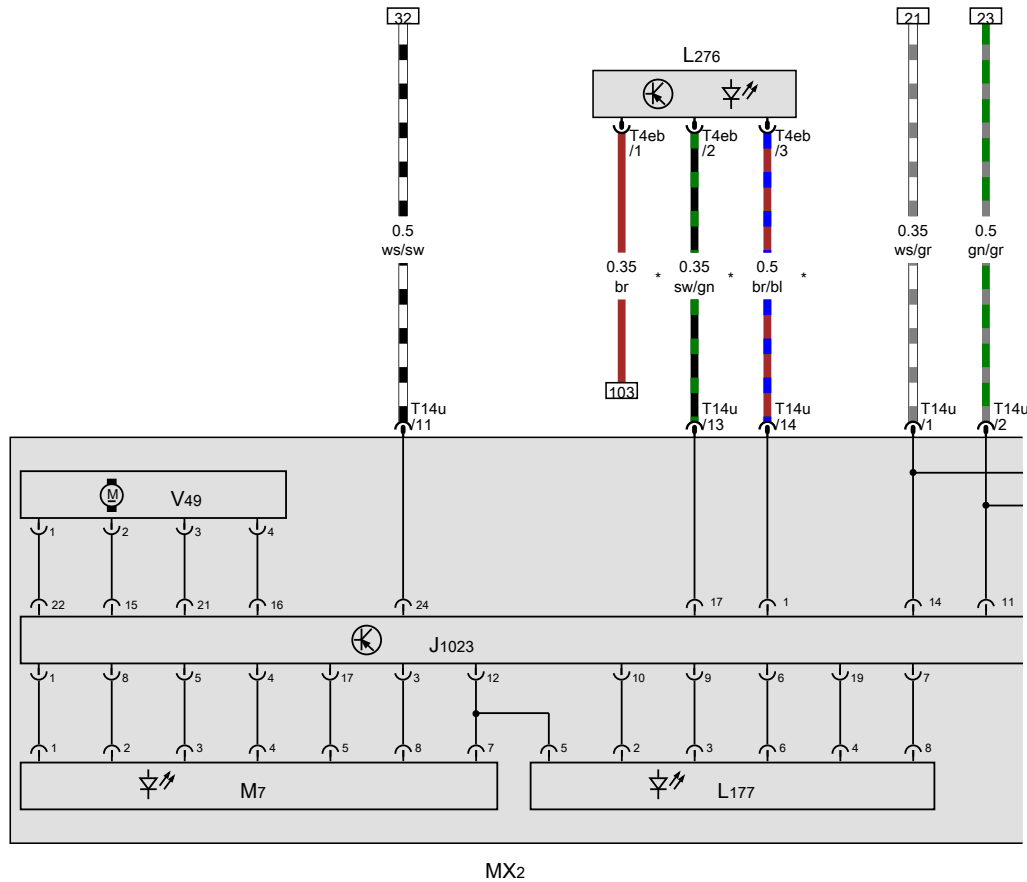
A31 Output module 1 for left LED headlight
MX1 Front left headlight
M30 Left headlight main beam bulb



ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Right light control unit, Right LED module for daytime running light and side light, Front right headlight, Front right turn signal bulb, Right headlight range control motor

- J1023 Right light control unit
- L177 Right LED module for daytime running light and side light
- L276 Light for right signature lighting
- MX2 Front right headlight
- M7 Front right turn signal bulb
- T4eb 4-pin connector
- T14u 14-pin connector
- V49 Right headlight range control motor
- * For models with hybrid drive system



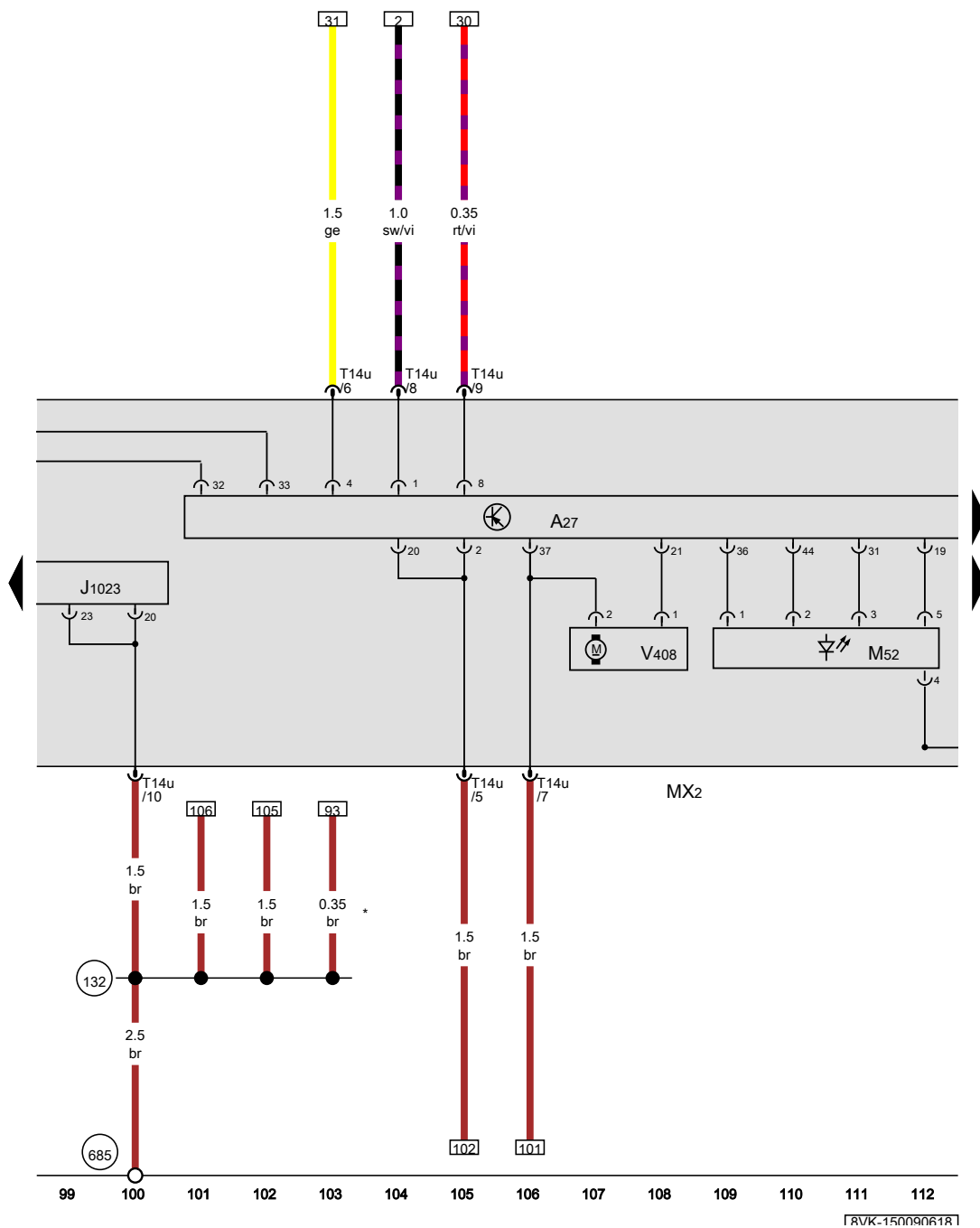
Output module 1 for right LED headlight, Right light control unit, Front right headlight, Right static cornering light, Right headlight fan

- A27 Output module 1 for right LED headlight
- J1023 Right light control unit
- MX2 Front right headlight
- M52 Right static cornering light
- T14u 14-pin connector
- V408 Right headlight fan

132 Earth connection 3, in engine compartment wiring harness

685 Earth point 1, on front of right longitudinal member

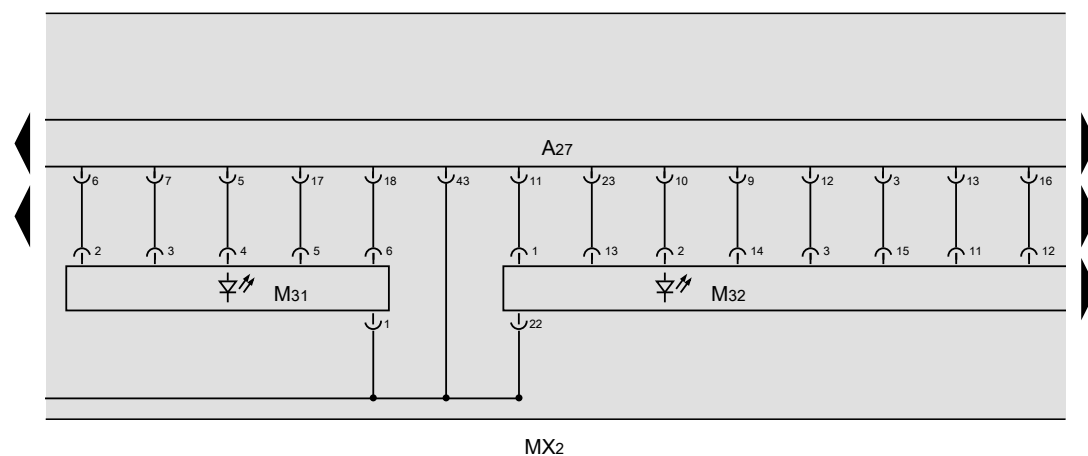
* For models with hybrid drive system



ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

Output module 1 for right LED headlight, Front right headlight, Right headlight dipped beam bulb, Right headlight main beam bulb

- A27 Output module 1 for right LED headlight
- MX2 Front right headlight
- M31 Right headlight dipped beam bulb
- M32 Right headlight main beam bulb



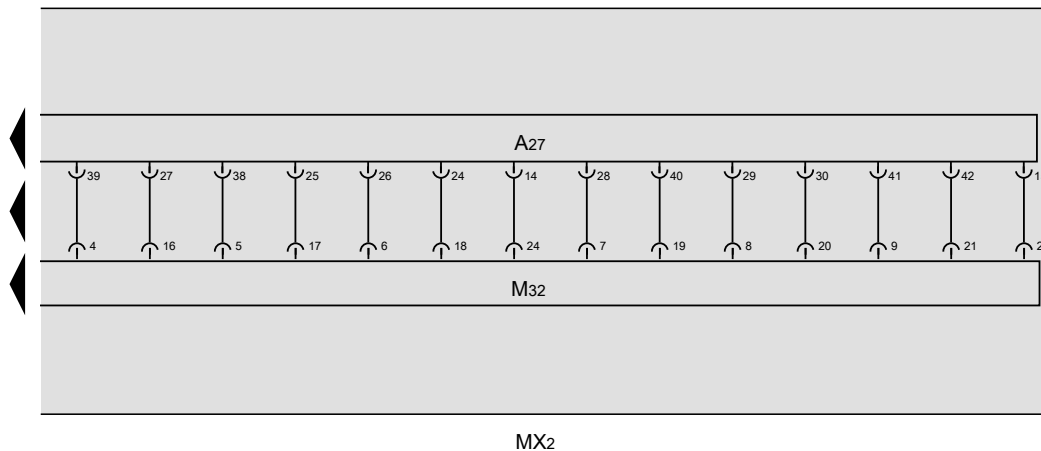
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

113 114 115 116 117 118 119 120 121 122 123 124 125 126

[8VK-150100618]

Output module 1 for right LED headlight, Front right headlight, Right headlight main beam bulb

- A27 Output module 1 for right LED headlight
- MX2 Front right headlight
- M32 Right headlight main beam bulb



- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

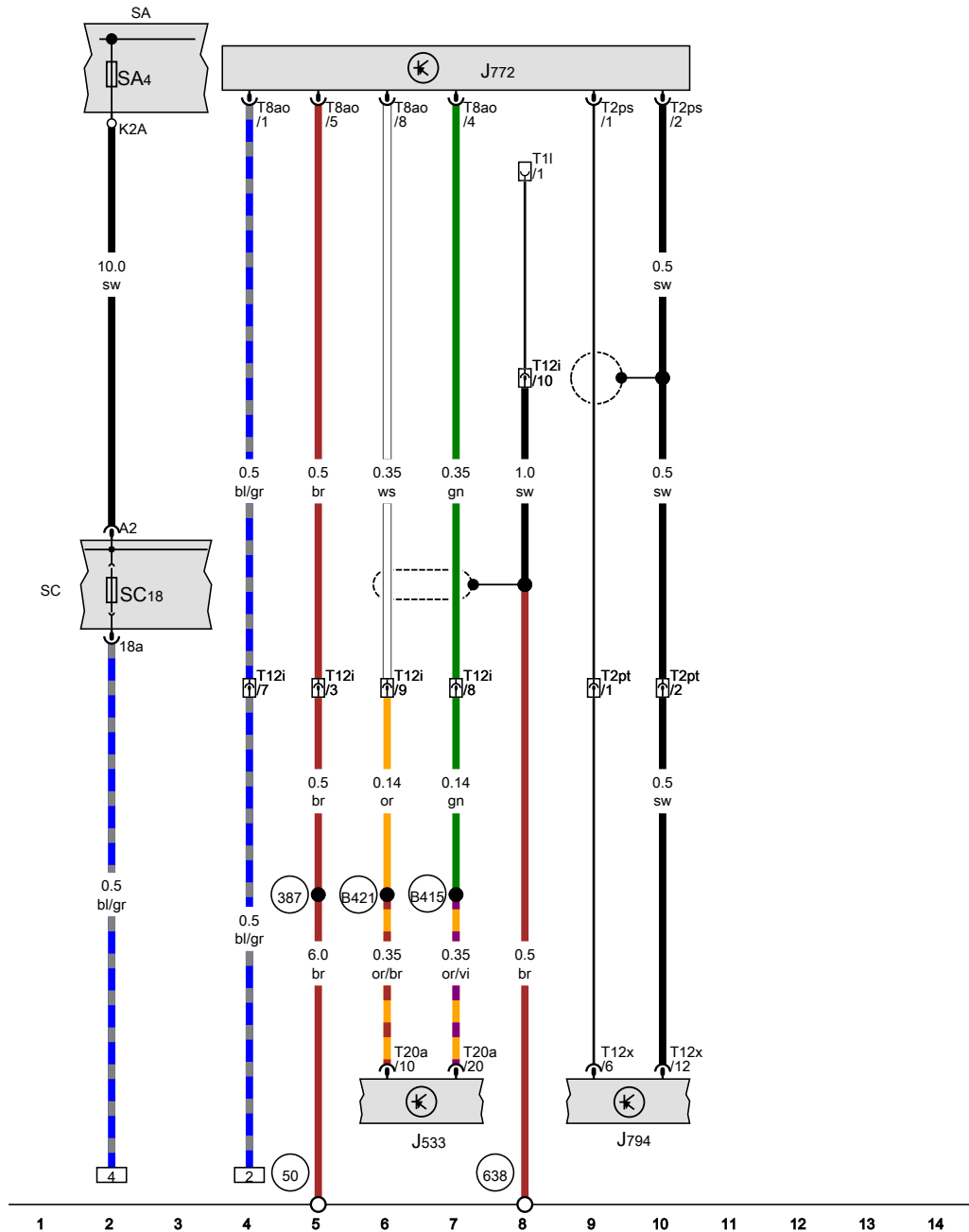
127 128 129 130 131 132 133 134 135 136 137 138 139 140

[8VK-150110618]

Reversing camera (Rear Assist) , (KA2)

From May 2016

Data bus diagnostic interface, Reversing camera system control unit, Fuse holder C



[RVF-151021017]

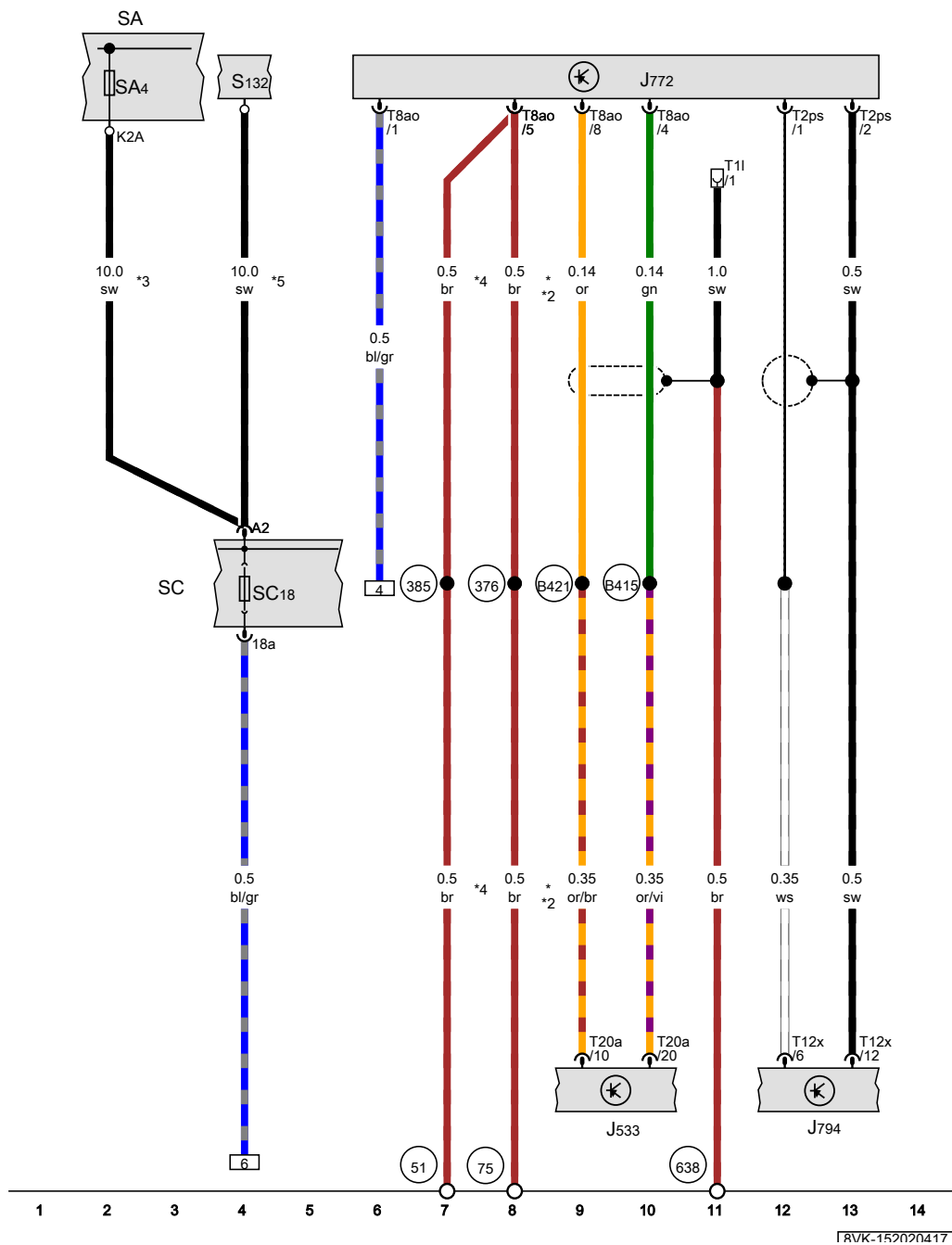
ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

- J533 Data bus diagnostic interface
- J772 Reversing camera system control unit
- J794 Control unit 1 for information electronics
- SA Fuse holder A
- SA4 Fuse 4 on fuse holder A
- SC Fuse holder C
- SC18 Fuse 18 on fuse holder C
- T11 1-pin connector
- T2ps 2-pin connector, grey
- T2pt 2-pin connector, grey
- T8ao 8-pin connector, black
- T12i 12-pin connector, black
- T12x 12-pin connector, blue
- T20a 20-pin connector, red

- 50 Earth point, on left in luggage compartment
- 387 Earth connection 22, in main wiring harness
- 638 Earth point, on right A-pillar
- B415 Connection 1 (infotainment CAN bus, high), in main wiring harness
- B421 Connection 1 (infotainment CAN bus, low), in main wiring harness

Reversing camera (Rear Assist) , (KA2)

From May 2016



Data bus diagnostic interface, Reversing camera system control unit, Fuse holder C

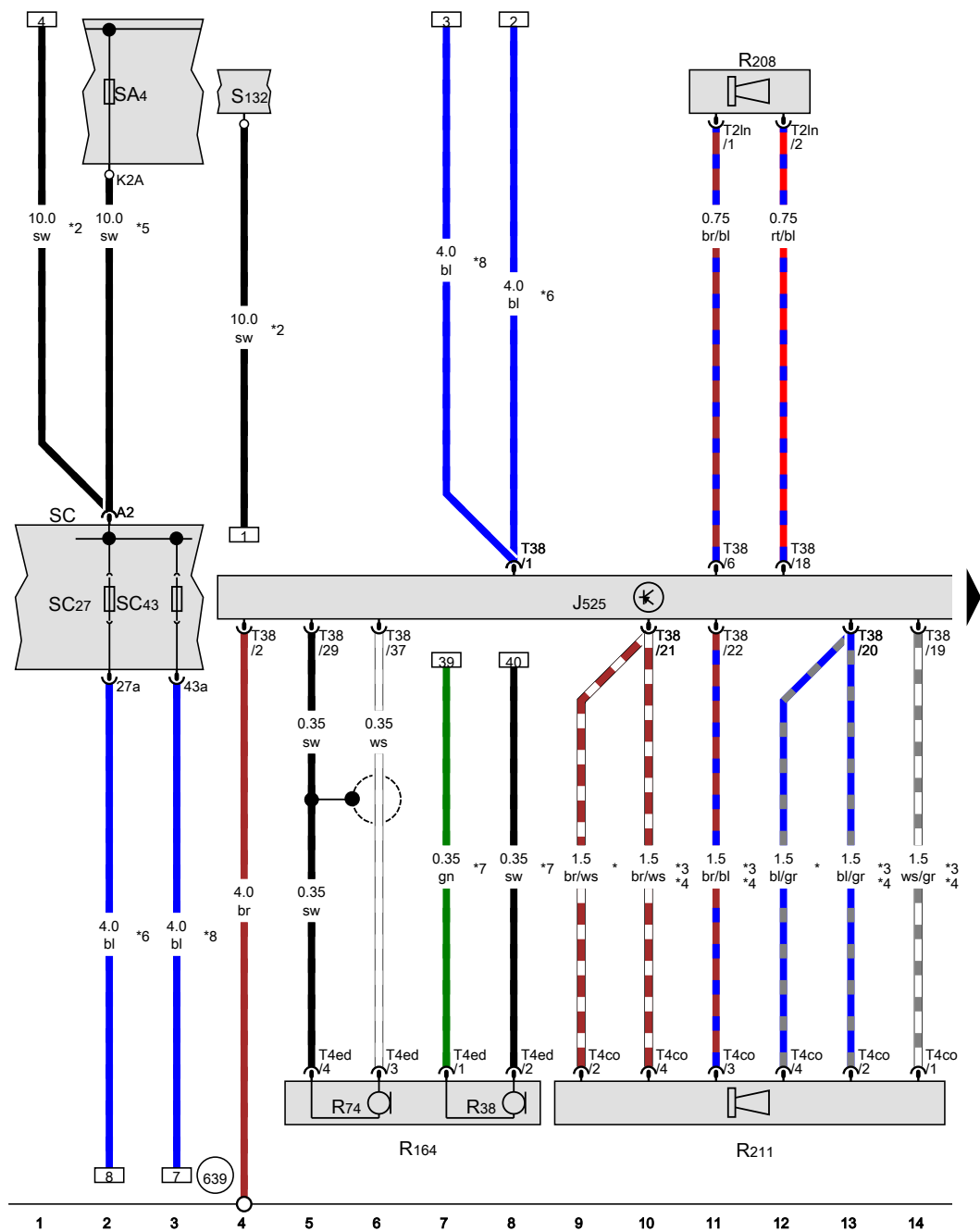
- J533 Data bus diagnostic interface
- J772 Reversing camera system control unit
- J794 Control unit 1 for information electronics
- SA Fuse holder A
- SA4 Fuse 4 on fuse holder A
- SC Fuse holder C
- SC18 Fuse 18 on fuse holder C
- S132 Fuse 2
- T11 1-pin connector, black
- T2ps 2-pin connector, grey
- T8ao 8-pin connector, black
- T12x 12-pin connector, blue
- T20a 20-pin connector, red

- 51 Earth point, on right in luggage compartment
- 75 Earth point, rear right pillar
- 376 Earth connection 11, in main wiring harness
- 385 Earth connection 20, in main wiring harness
- 638 Earth point, on right A-pillar
- B415 Connection 1 (infotainment CAN bus, high), in main wiring harness
- B421 Connection 1 (infotainment CAN bus, low), in main wiring harness
- * Only models with 3-doors
- *2 Only models with 5-doors
- *3 Not for RS 3 models
- *4 Only models with 4-doors
- *5 Only for RS 3 models

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Bang & Olufsen sound system , (9VS)

From May 2016



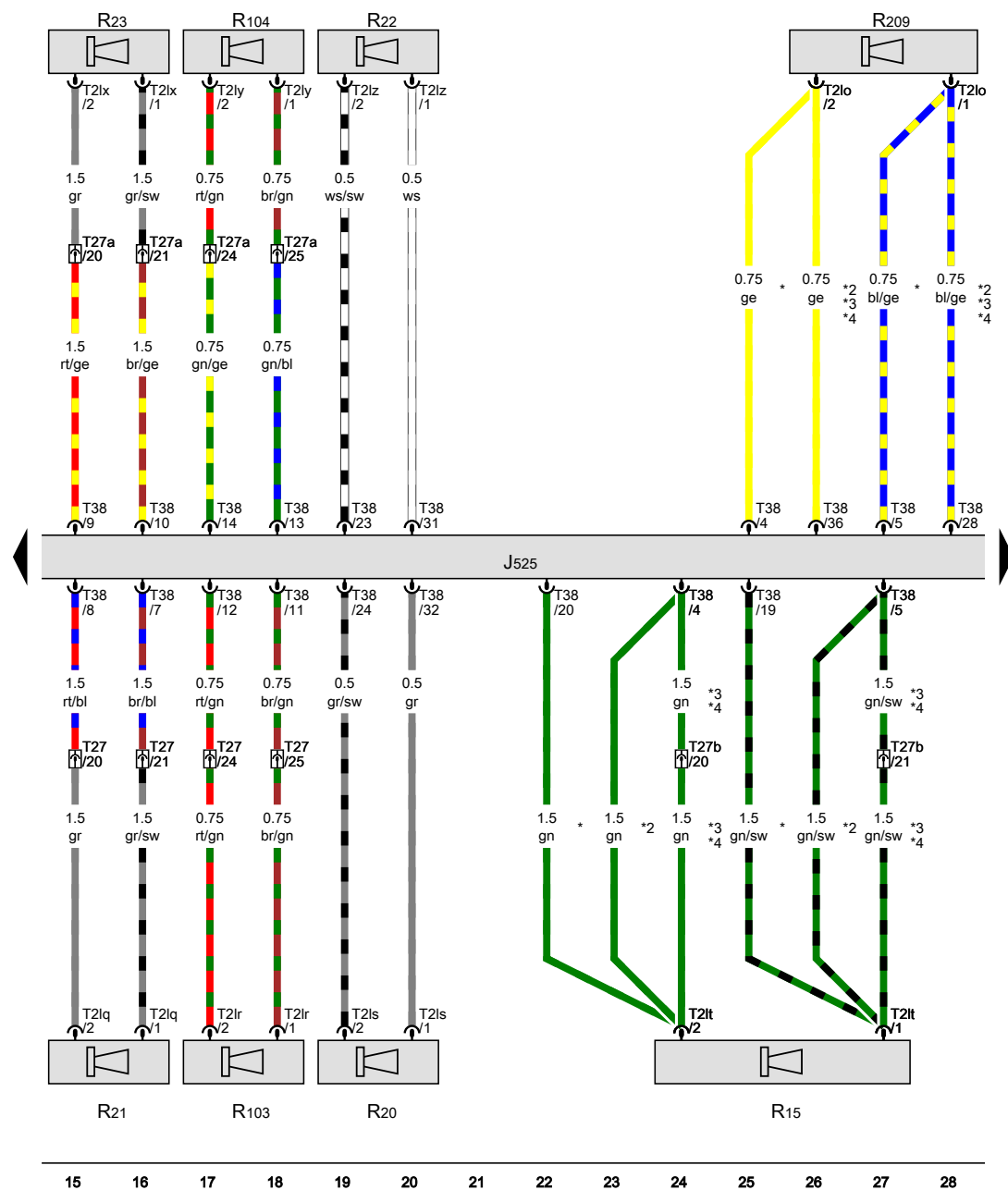
Digital sound package control unit, Telephone microphone, Internal microphone, Microphone unit in front roof module, Centre loudspeaker, Subwoofer, Fuse holder C

- J525 Digital sound package control unit
- R38 Telephone microphone
- R74 Internal microphone
- R164 Microphone unit in front roof module
- R208 Centre loudspeaker
- R211 Subwoofer
- SA4 Fuse 4 on fuse holder A
- S132 Fuse 2
- SC Fuse holder C
- SC27 Fuse 27 on fuse holder C
- SC43 Fuse 43 on fuse holder C
- T2In 2-pin connector
- T4co 4-pin connector
- T4ed 4-pin connector, black
- T38 38-pin connector, black

639 Earth point, left A-pillar

- * For models with 4 doors
- *2 For RS 3 models
- *3 For models with 3 doors
- *4 For models with 5 doors
- *5 Not for RS 3 models
- *6 Up to April 2017
- *7 For models with mobile telephone/telephone
- *8 From May 2017

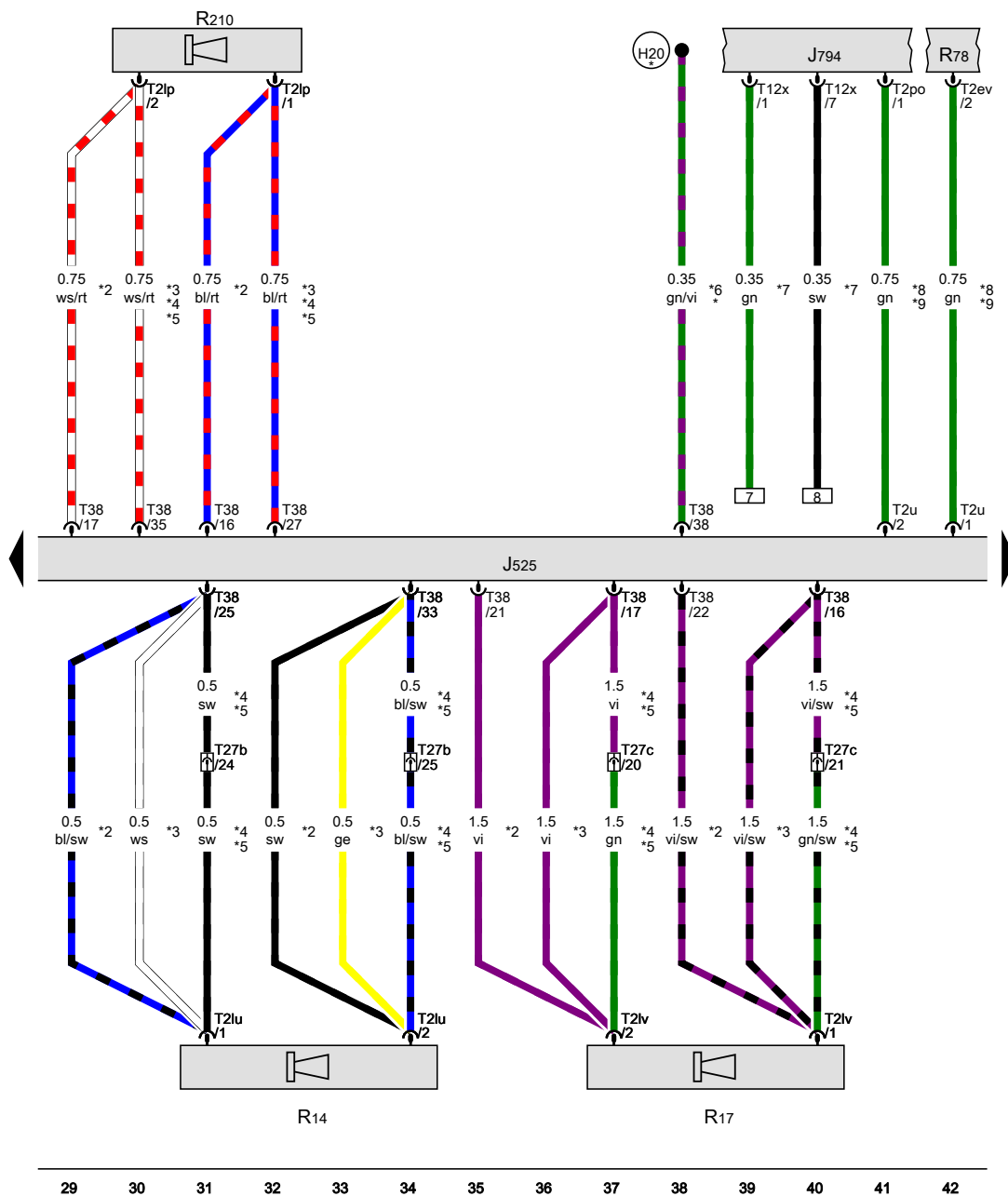
ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



Digital sound package control unit, Rear left bass loudspeaker, Front left treble loudspeaker, Front left bass loudspeaker, Front right treble loudspeaker, Front right bass loudspeaker, Front left mid-range loudspeaker, Front right mid-range loudspeaker, Left effect loudspeaker

- J525 Digital sound package control unit
- R15 Rear left bass loudspeaker
- R20 Front left treble loudspeaker
- R21 Front left bass loudspeaker
- R22 Front right treble loudspeaker
- R23 Front right bass loudspeaker
- R103 Front left mid-range loudspeaker
- R104 Front right mid-range loudspeaker
- R209 Left effect loudspeaker
- T2lo 2-pin connector
- T2lq 2-pin connector
- T2lr 2-pin connector
- T2ls 2-pin connector
- T2lt 2-pin connector
- T2lx 2-pin connector
- T2ly 2-pin connector
- T2lz 2-pin connector
- T27 27-pin connector, on left A-pillar, black
- T27a 27-pin connector, on right A-pillar, black
- T27b 27-pin connector, on left B-pillar, black
- T38 38-pin connector, black
- * For Cabriolet models
- *2 For models with 3 doors
- *3 For models with 4 doors
- *4 For models with 5 doors

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



Digital sound package control unit, Rear left treble loudspeaker, Rear right bass loudspeaker, Right effect loudspeaker

- J525 Digital sound package control unit
- J794 Control unit 1 for information electronics
- R14 Rear left treble loudspeaker
- R17 Rear right bass loudspeaker
- R78 TV tuner
- R210 Right effect loudspeaker
- T2ev 2-pin connector, black
- T2lp 2-pin connector
- T2lu 2-pin connector
- T2lv 2-pin connector
- T2po 2-pin connector, black
- T2u 2-pin connector, black
- T12x 12-pin connector, blue
- T27b 27-pin connector, on left B-pillar, black
- T27c 27-pin connector, on right B-pillar, black
- T38 38-pin connector, black

H20 Connection 1, in diagnosis wiring harness

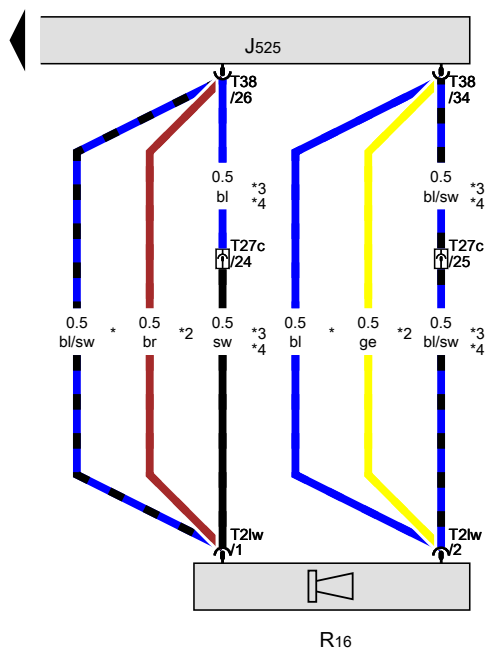
- * According to equipment
- *2 For Cabriolet models
- *3 For models with 3 doors
- *4 For models with 4 doors
- *5 For models with 5 doors
- *6 see applicable current flow diagram for ring break diagnosis
- *7 For models with mobile telephone/telephone
- *8 Fibre optic cable (FOC)
- *9 see applicable current flow diagram for infotainment MOST bus

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

1AVK-153041118

Digital sound package control unit, Rear right treble loudspeaker

- J525 Digital sound package control unit
- R16 Rear right treble loudspeaker
- T2lw 2-pin connector
- T27c 27-pin connector, on right B-pillar, black
- T38 38-pin connector, black
- * For Cabriolet models
- *2 For models with 3 doors
- *3 For models with 4 doors
- *4 For models with 5 doors



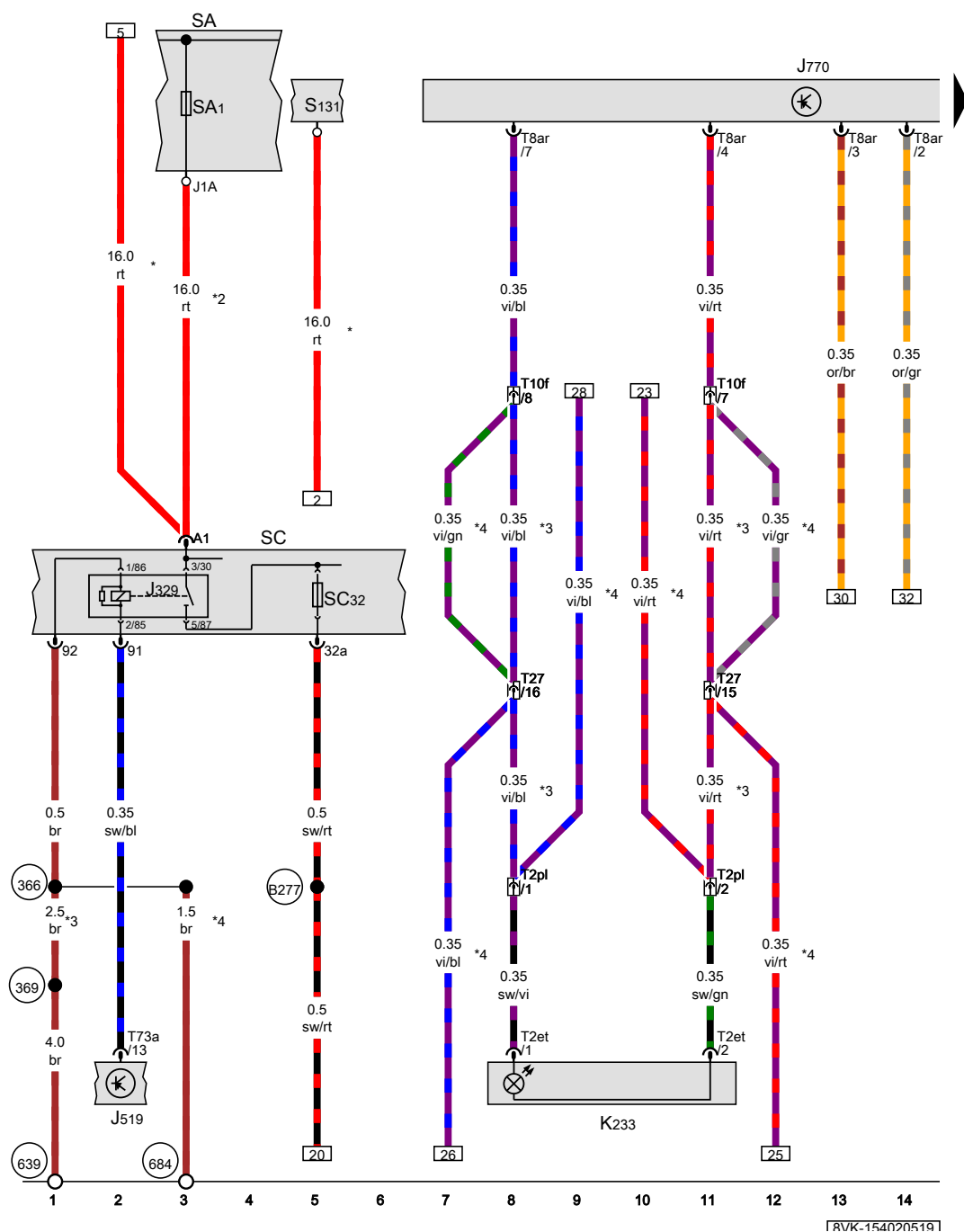
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

43 44 45 46 47 48 49 50 51 52 53 54 55 56

[8VK-153051118]

Lane change assist , (79B),(79D),(7Y1),(7Y5)

From May 2016



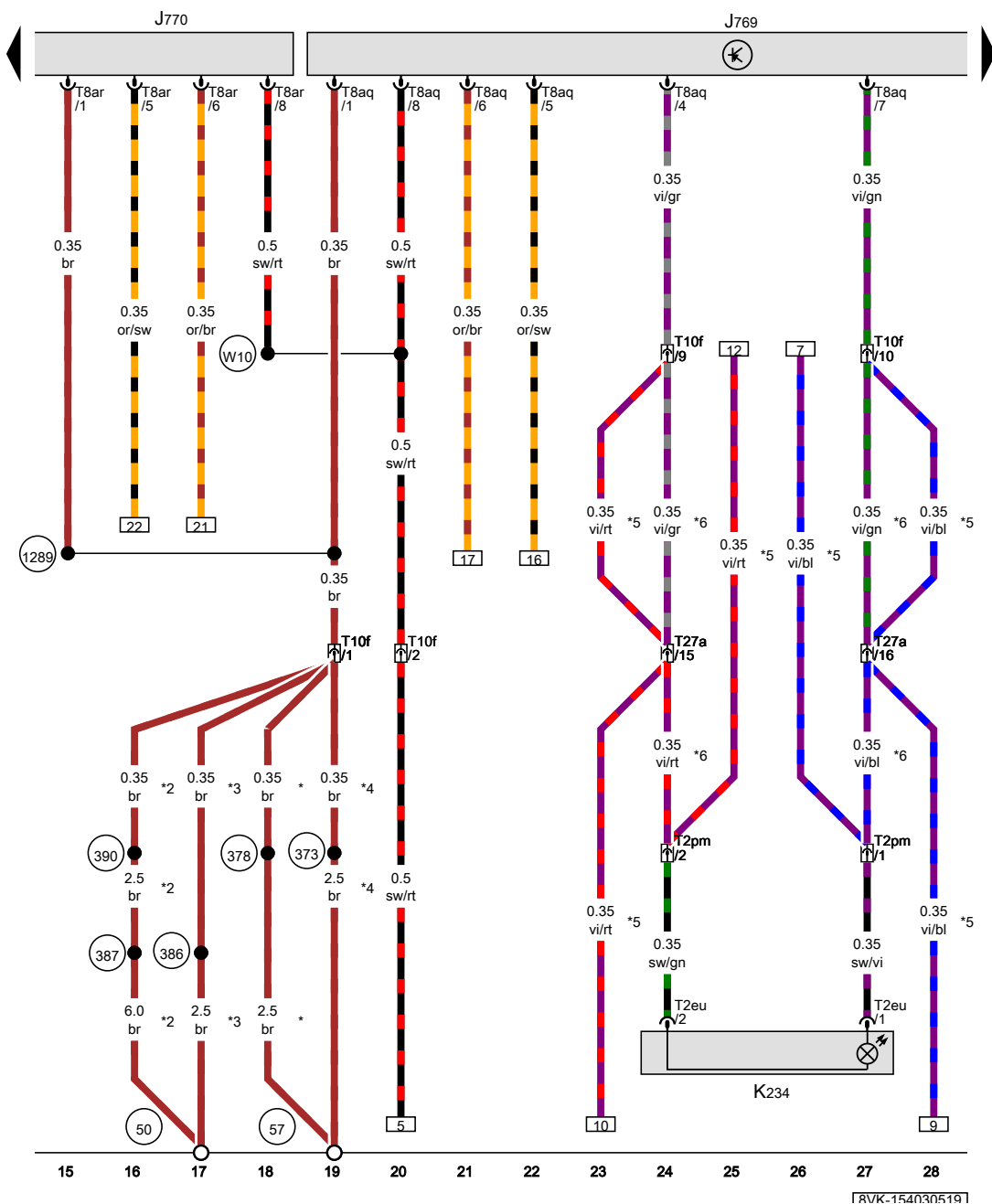
Terminal 15 voltage supply relay, Lane change assist control unit 2, Lane change assist warning lamp in driver side exterior mirror, Fuse holder C

- J329 Terminal 15 voltage supply relay
- J519 Onboard supply control unit
- J770 Lane change assist control unit 2
- K233 Lane change assist warning lamp in driver side exterior mirror
- S131 Fuse 1
- SA Fuse holder A
- SC Fuse holder C
- SC32 Fuse 32 on fuse holder C
- T2et 2-pin connector
- T2pl 2-pin connector, on driver door control unit
- T8ar 8-pin connector
- T10f 10-pin connector, in rear bumper, black
- T27 27-pin connector, on left A-pillar, black
- T73a 73-pin connector

- 366 Earth connection 1, in main wiring harness
- 369 Earth connection 4, in main wiring harness
- 639 Earth point, left A-pillar
- 684 Earth point on front of left side member
- B277 Positive connection 1 (15a) in main wiring harness

- * For RS 3 models
- *2 Not for RS 3 models
- *3 For left-hand drive models
- *4 For right-hand drive models

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



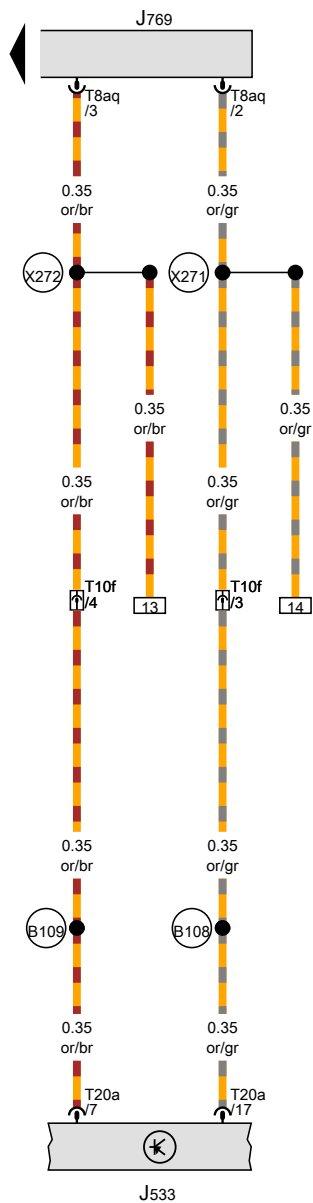
Lane change assist control unit, Lane change assist control unit 2

- J769 Lane change assist control unit
- J770 Lane change assist control unit 2
- K234 Lane change assist warning lamp in passenger side exterior mirror
- T2eu 2-pin connector
- T2pm 2-pin connector, on front passenger door control unit
- T8aq 8-pin connector
- T8ar 8-pin connector
- T10f 10-pin connector, in rear bumper, black
- T27a 27-pin connector, on right A-pillar, black

- 50 Earth point, on left in luggage compartment
- 57 Earth point, rear left pillar
- 373 Earth connection 8, in main wiring harness
- 378 Earth connection 13, in main wiring harness
- 386 Earth connection 21, in main wiring harness
- 387 Earth connection 22, in main wiring harness
- 390 Earth connection 25, in main wiring harness
- 1289 Earth connection 2, in rear bumper wiring harness
- W10 Positive connection (15), in interior light wiring harness

- * For models with 5 doors
- *2 For Cabriolet models
- *3 For models with 4 doors
- *4 For models with 3 doors
- *5 For right-hand drive models
- *6 For left-hand drive models

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



Data bus diagnostic interface, Lane change assist control unit

- J533 Data bus diagnostic interface
- J769 Lane change assist control unit
- T8aq 8-pin connector
- T10f 10-pin connector, in rear bumper, black
- T20a 20-pin connector, red

- B108 Connection 1 (CAN bus extended high), in main wiring harness
- B109 Connection 1 (CAN bus extended low), in main wiring harness
- X271 Connection (convenience CAN bus, high), in rear bumper
- X272 Connection (convenience CAN bus, low), in rear bumper

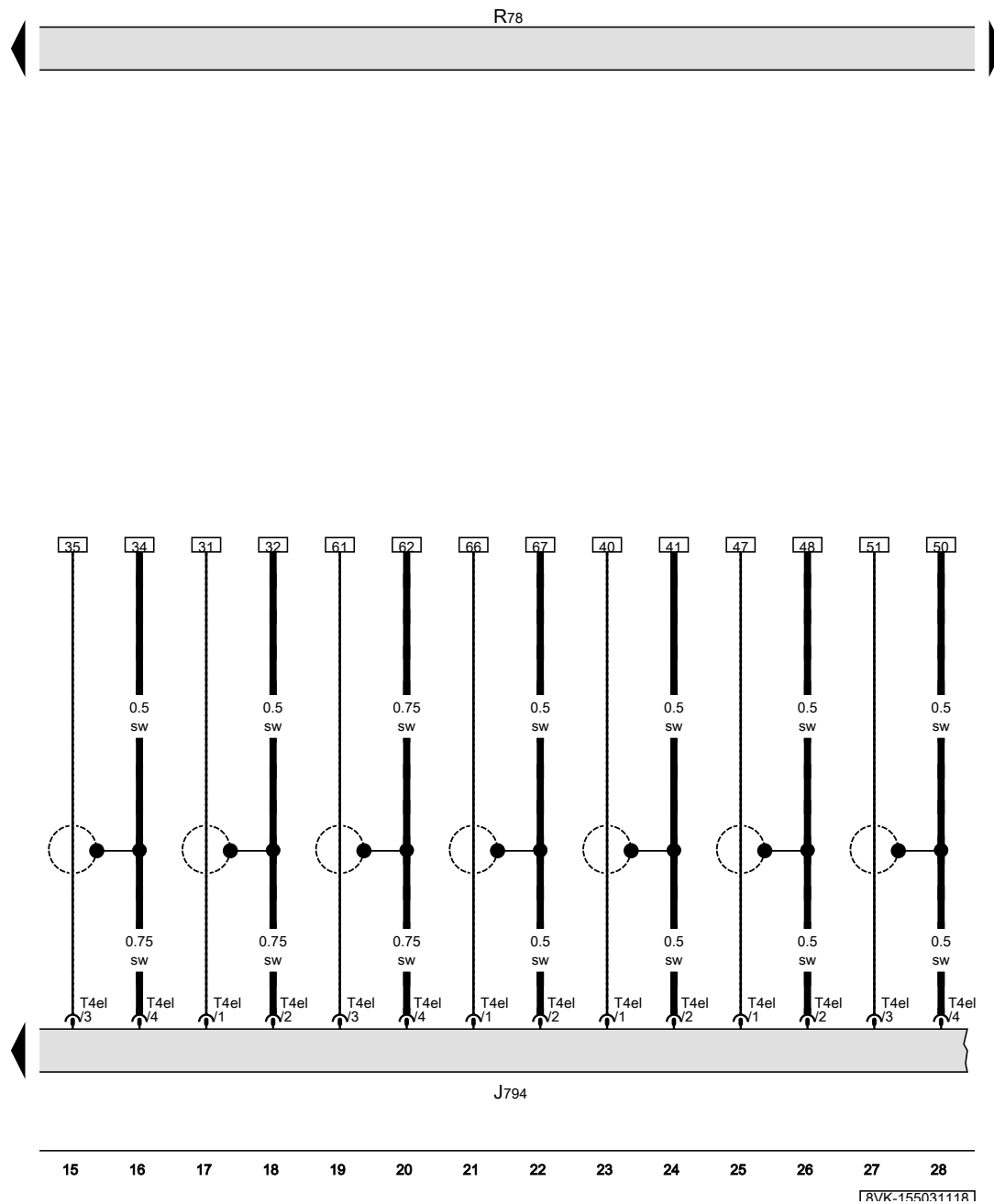
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

TV tuner , (QV1)

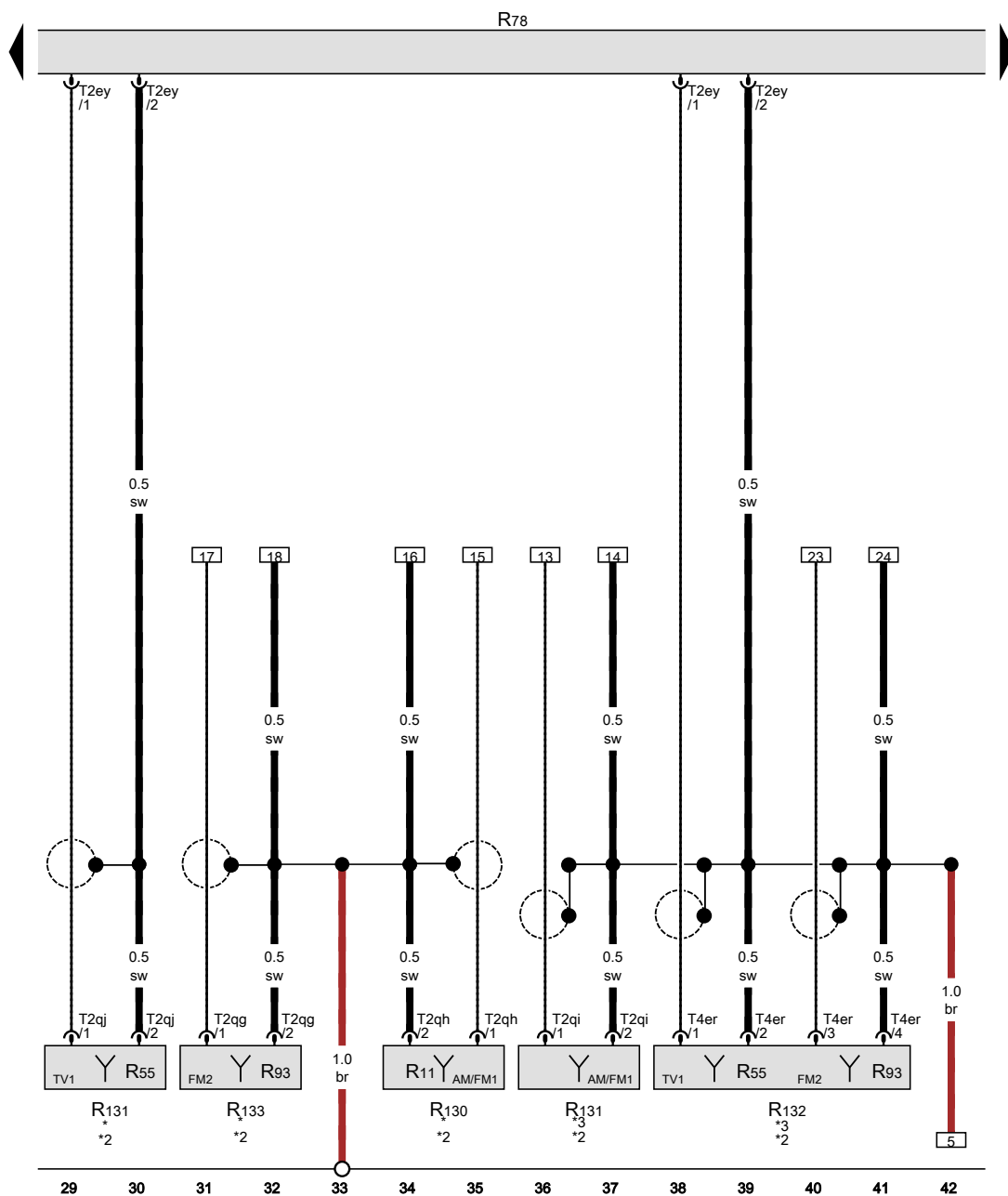
From May 2016

TV tuner

J794 Control unit 1 for information electronics
 R78 TV tuner
 T4el 4-pin connector, white



TV tuner, Rear window aerial 1, Rear window aerial 2, Rear window aerial 3, Rear window aerial 4

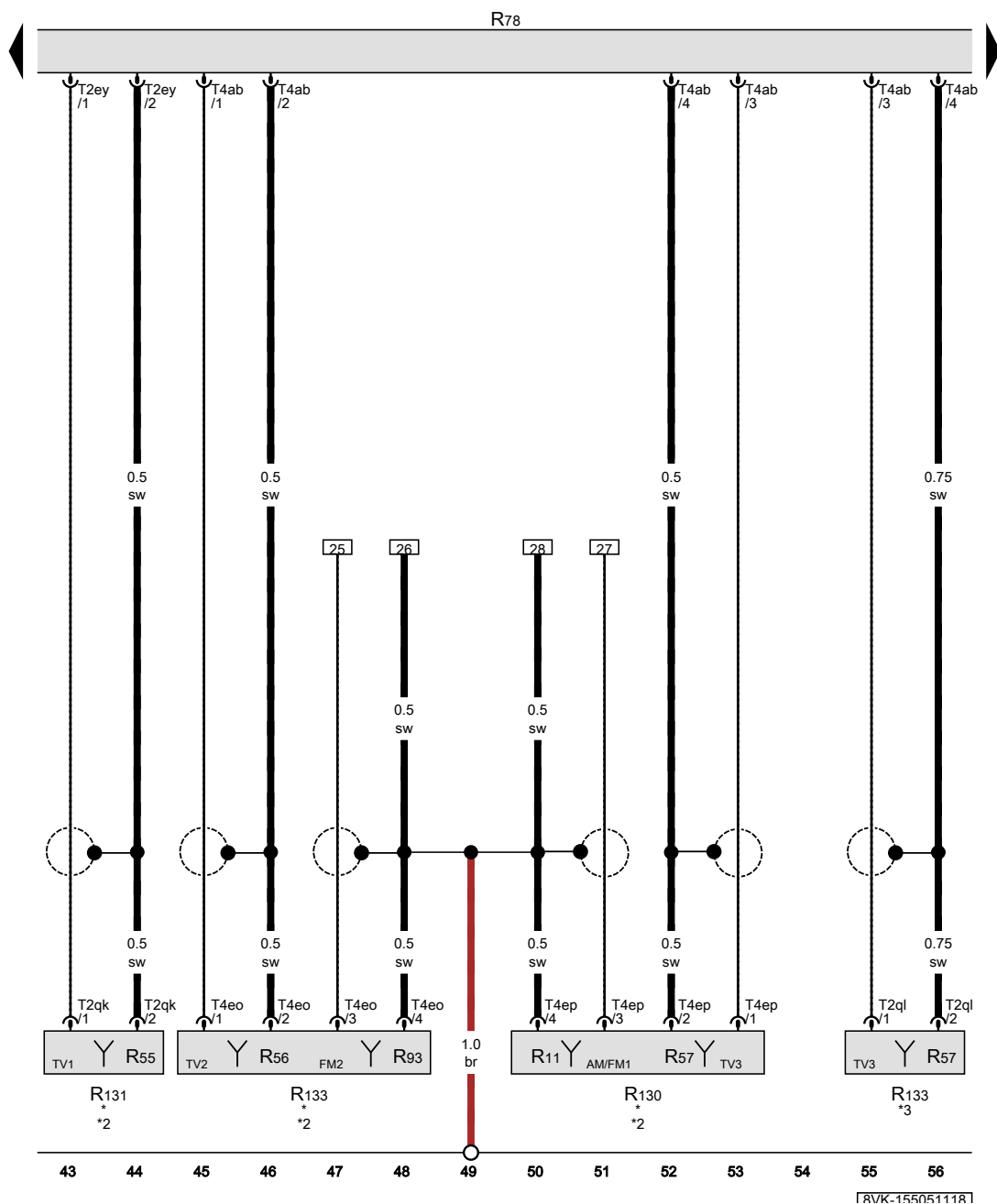


[AVK-155041118]

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

- R11 Aerial
- R55 TV aerial 1
- R78 TV tuner
- R93 Radio aerial 2
- R130 Rear window aerial 1
- R131 Rear window aerial 2
- R132 Rear window aerial 3
- R133 Rear window aerial 4
- T2ey 2-pin connector, brown
- T2qg 2-pin connector
- T2qh 2-pin connector
- T2qi 2-pin connector
- T2qj 2-pin connector
- T4er 4-pin connector
- * For models with 5 doors
- *2 For models with equipment for Korea
- *3 For models with 4 doors

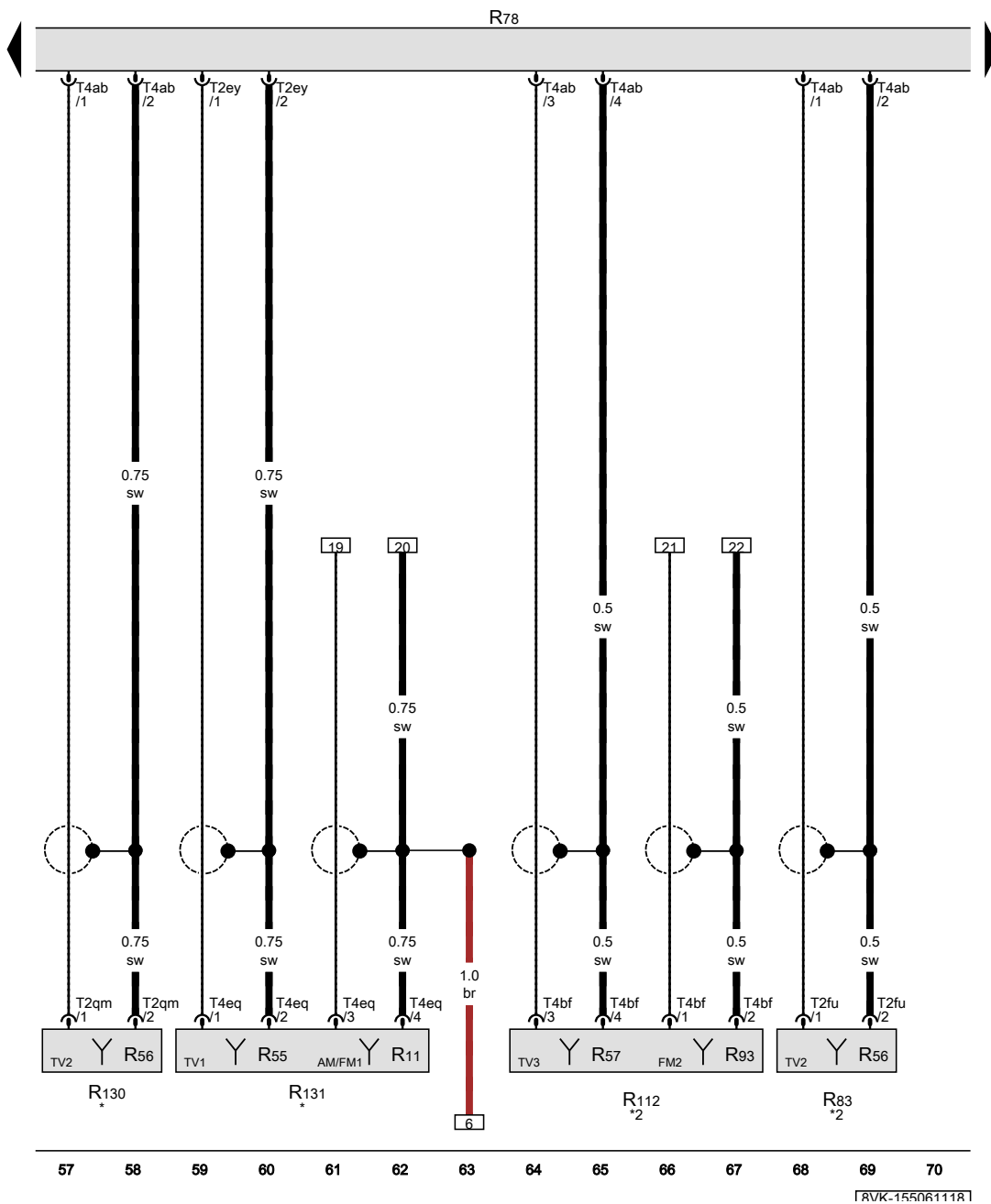
TV tuner, Rear window aerial 1, Rear window aerial 2, Rear window aerial 4



- R11 Aerial
- R55 TV aerial 1
- R56 TV aerial 2
- R57 TV aerial 3
- R78 TV tuner
- R93 Radio aerial 2
- R130 Rear window aerial 1
- R131 Rear window aerial 2
- R133 Rear window aerial 4
- T2ey 2-pin connector, brown
- T2qk 2-pin connector
- T2ql 2-pin connector
- T4ab 4-pin connector, green
- T4eo 4-pin connector
- T4ep 4-pin connector
- * For models with 5 doors
- *2 For models with 3 doors
- *3 For models with 4 doors

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

[AVK-155051118]

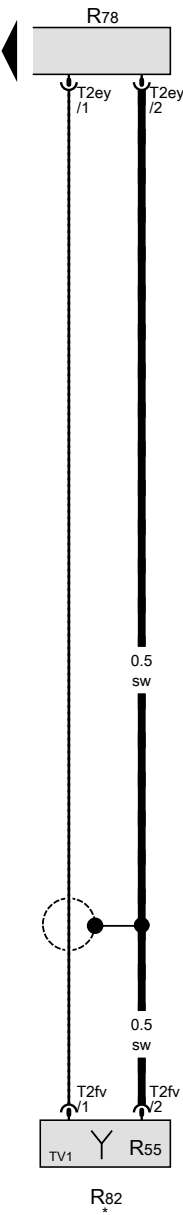


TV tuner, Aerial amplifier 2 for TV, Aerial amplifier 3, Rear window aerial 1, Rear window aerial 2

- R11 Aerial
- R55 TV aerial 1
- R56 TV aerial 2
- R57 TV aerial 3
- R78 TV tuner
- R83 Aerial amplifier 2 for TV
- R93 Radio aerial 2
- R112 Aerial amplifier 3
- R130 Rear window aerial 1
- R131 Rear window aerial 2
- T2ey 2-pin connector, brown
- T2fu 2-pin connector
- T2qm 2-pin connector
- T4ab 4-pin connector, green
- T4bf 4-pin connector
- T4eq 4-pin connector
- * For models with 4 doors
- *2 For Cabriolet models

TV tuner, Aerial amplifier 1 for TV

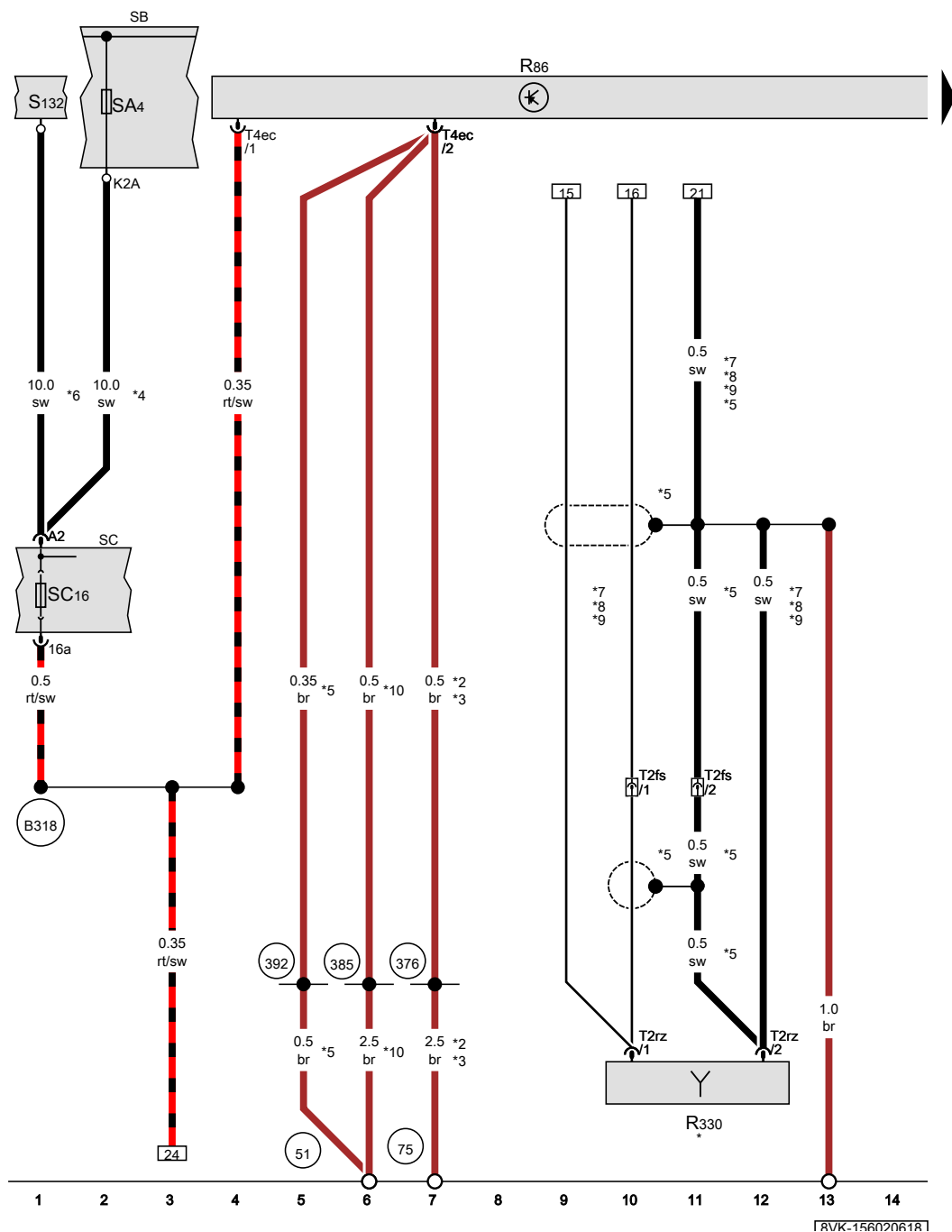
- R55 TV aerial 1
- R78 TV tuner
- R82 Aerial amplifier 1 for TV
- T2ey 2-pin connector, brown
- T2fv 2-pin connector
- * For Cabriolet models



- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Telephone system , (9ZX),(9ZE),(9ZV)

From May 2016



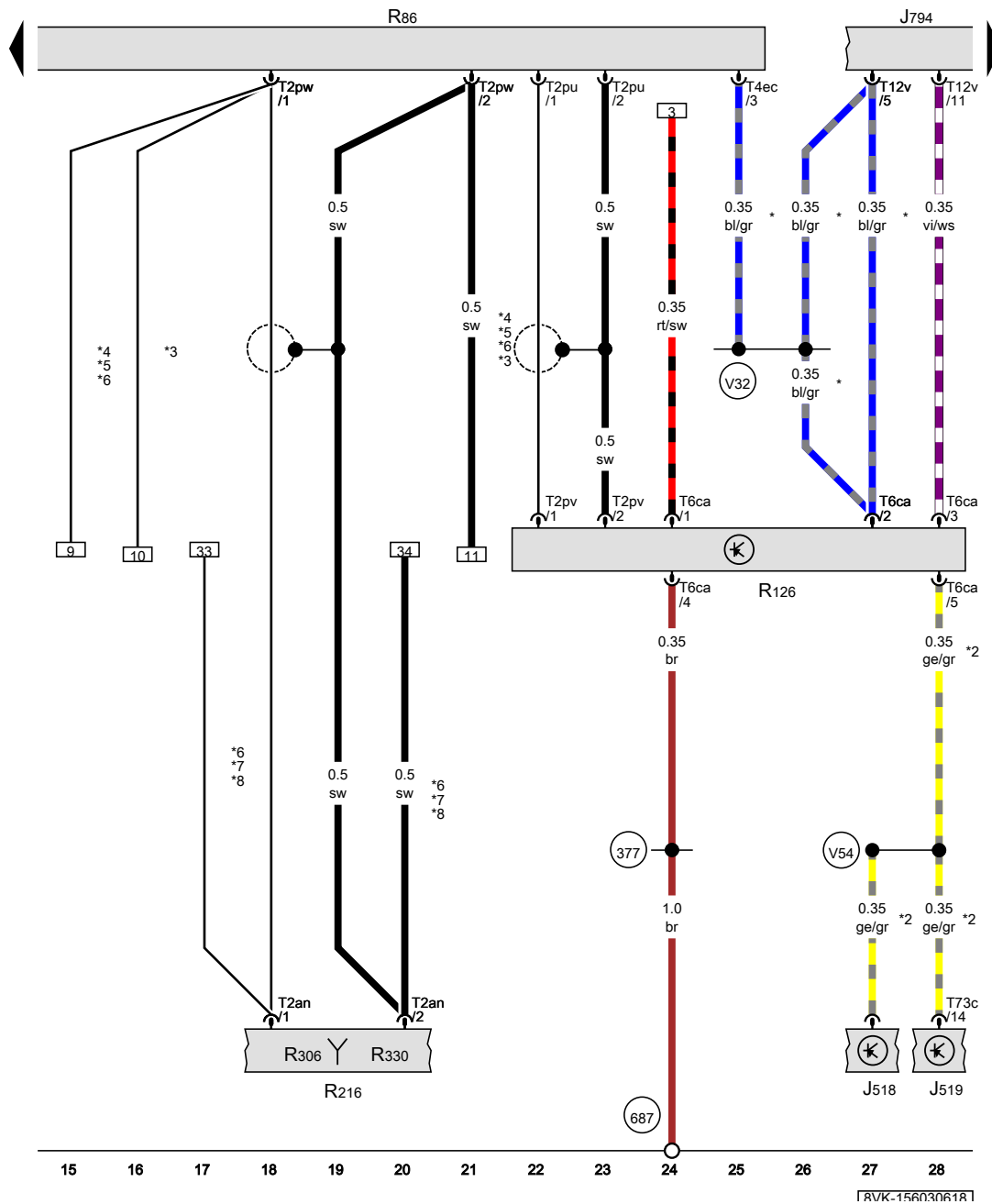
Aerial amplifier for mobile telephone, LTE aerial 3, Fuse holder C

- R86 Aerial amplifier for mobile telephone
- R330 LTE aerial 3, under rear bumper on right, behind dash panel, on convertible roof box
- SA4 Fuse 4 on fuse holder A
- S132 Fuse 2
- SB Fuse holder B
- SC Fuse holder C
- SC16 Fuse 16 on fuse holder C
- T2fs 2-pin connector, black
- T2rz 2-pin connector
- T4ec 4-pin connector, black

- 51 Earth point, on right in luggage compartment
- 75 Earth point, rear right pillar
- 376 Earth connection 11, in main wiring harness
- 385 Earth connection 20, in main wiring harness
- 392 Earth connection 27, in main wiring harness
- B318 Positive connection 4 (30a) in main wiring harness

- * According to equipment
- *2 For models with 5 doors
- *3 For models with 3 doors
- *4 Not for RS 3 models
- *5 For Cabriolet models
- *6 For RS 3 models
- *7 For models with equipment for Russia
- *8 For American markets
- *9 For models with hybrid drive system
- *10 For models with 4 doors

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



Control unit 1 for information electronics, Aerial amplifier for mobile telephone, Telephone bracket, Roof aerial

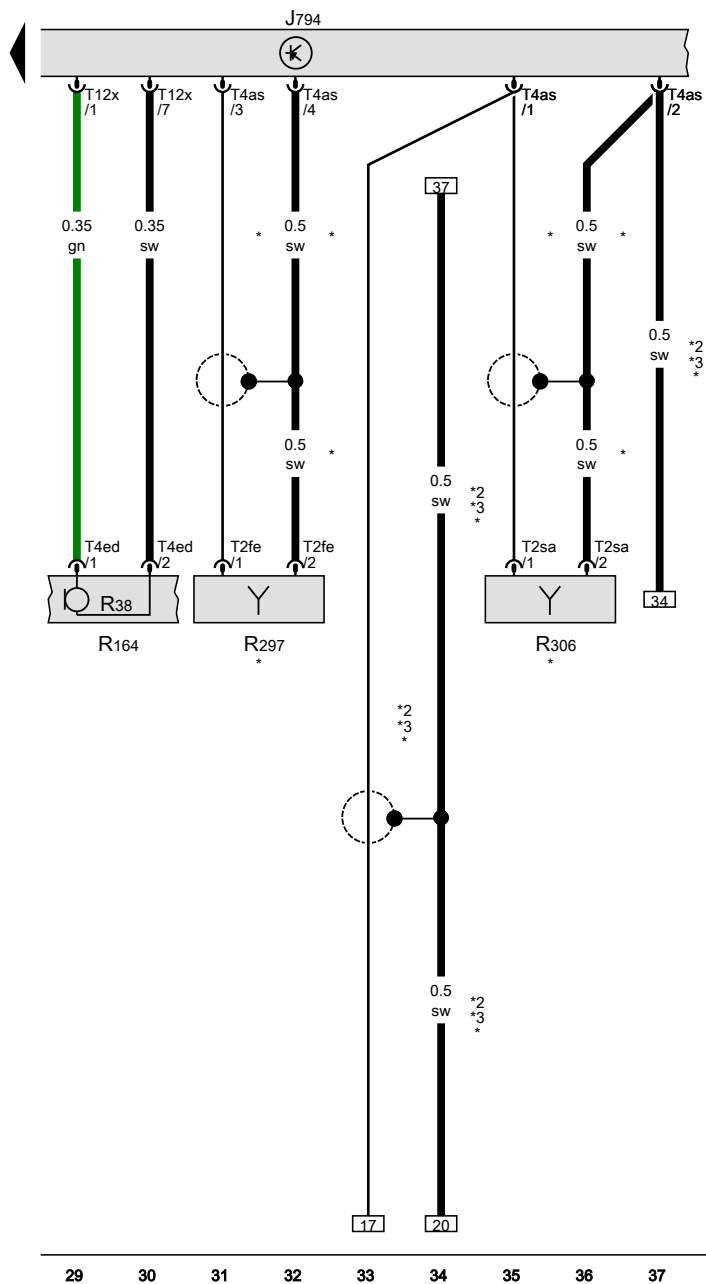
- J518 Entry and start authorisation control unit
- J519 Onboard supply control unit
- J794 Control unit 1 for information electronics
- R86 Aerial amplifier for mobile telephone
- R126 Telephone bracket
- R216 Roof aerial
- R306 LTE aerial 2
- R330 LTE aerial 3
- T2an 2-pin connector, purple
- T2pu 2-pin connector, black
- T2pv 2-pin connector, purple
- T2pw 2-pin connector, purple, yellow, colourless
- T4ec 4-pin connector, black
- T6ca 6-pin connector, black
- T12v 12-pin connector, grey
- T73c 73-pin connector, black

- 377 Earth connection 12, in main wiring harness
- 687 Earth point 1, on centre tunnel
- V32 Positive connection (30), in telephone wiring harness
- V54 Connection 1 (telephone), in main wiring harness

- * According to equipment
- *2 For models with "keyless access" locking and starting system
- *3 For Cabriolet models
- *4 For models with equipment for Russia
- *5 For American markets
- *6 For models with hybrid drive system
- *7 Gradually discontinued
- *8 For models with mobile online services

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Control unit 1 for information electronics, Microphone unit in front roof module, LTE aerial 1



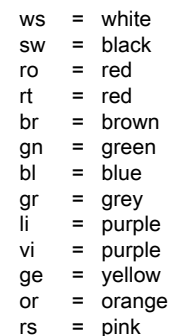
- J794 Control unit 1 for information electronics
- R38 Telephone microphone
- R164 Microphone unit in front roof module
- R297 LTE aerial 1, in rear bumper on left
- R306 LTE aerial 2, behind rear bumper on right, in dash panel
- T2fe 2-pin connector, purple
- T2sa 2-pin connector, purple
- T4as 4-pin connector, purple
- T4ed 4-pin connector, black
- T12x 12-pin connector, blue
- * For models with mobile online services
- *2 For models with hybrid drive system
- *3 Gradually discontinued

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6-speed automatic gearbox , (0ER)

From August 2017



E313	Selector lever
J217	Automatic gearbox control unit
J519	Onboard supply control unit
J527	Steering column electronics control unit
SA1	Fuse 1 on fuse holder A
SC	Fuse holder C
SC7	Fuse 7 on fuse holder C
SB13	Fuse 13 on fuse holder B
T10k	10-pin connector, black
T14w	14-pin connector, black
T16a	16-pin connector
T17b	17-pin connector, brown
T73a	73-pin connector, black
T73c	73-pin connector, black
T81	81-pin connector, black

- 114 Earth connection, in automatic gearbox wiring harness
- 201 Earth connection 5, in engine compartment wiring harness
- 368 Earth connection 3, in main wiring harness
- 419 Earth connection 11, in engine compartment wiring harness
- 671 Earth point 1, on front of left longitudinal member
- 687 Earth point 1, on centre tunnel
- B315 Positive connection 1 (30a) in main wiring harness
- B466 Connection 2, in main wiring harness
- B731 Connection 1 (58s), in main wiring harness
- D102 Connection 2 in engine compartment wiring harness
- U18 Positive connection (30a), in automatic gearbox wiring harness

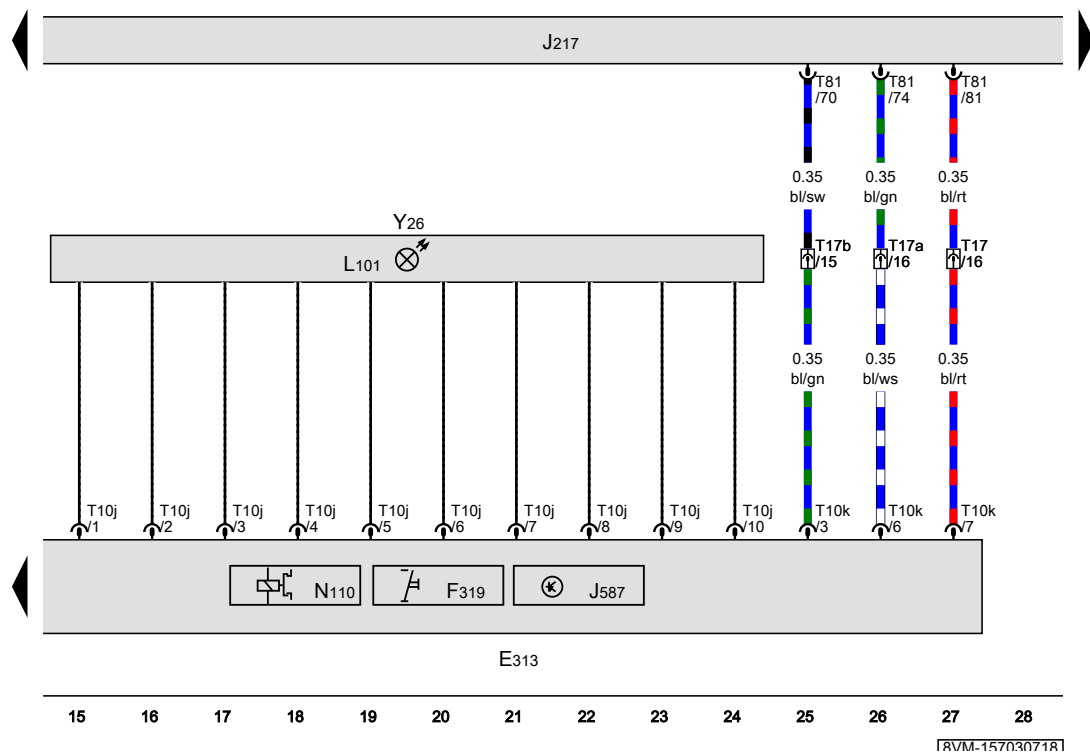
* see applicable current flow diagram for battery in engine compartment

*2 For models with heated steering wheel

*3 For models with no heated steering wheel

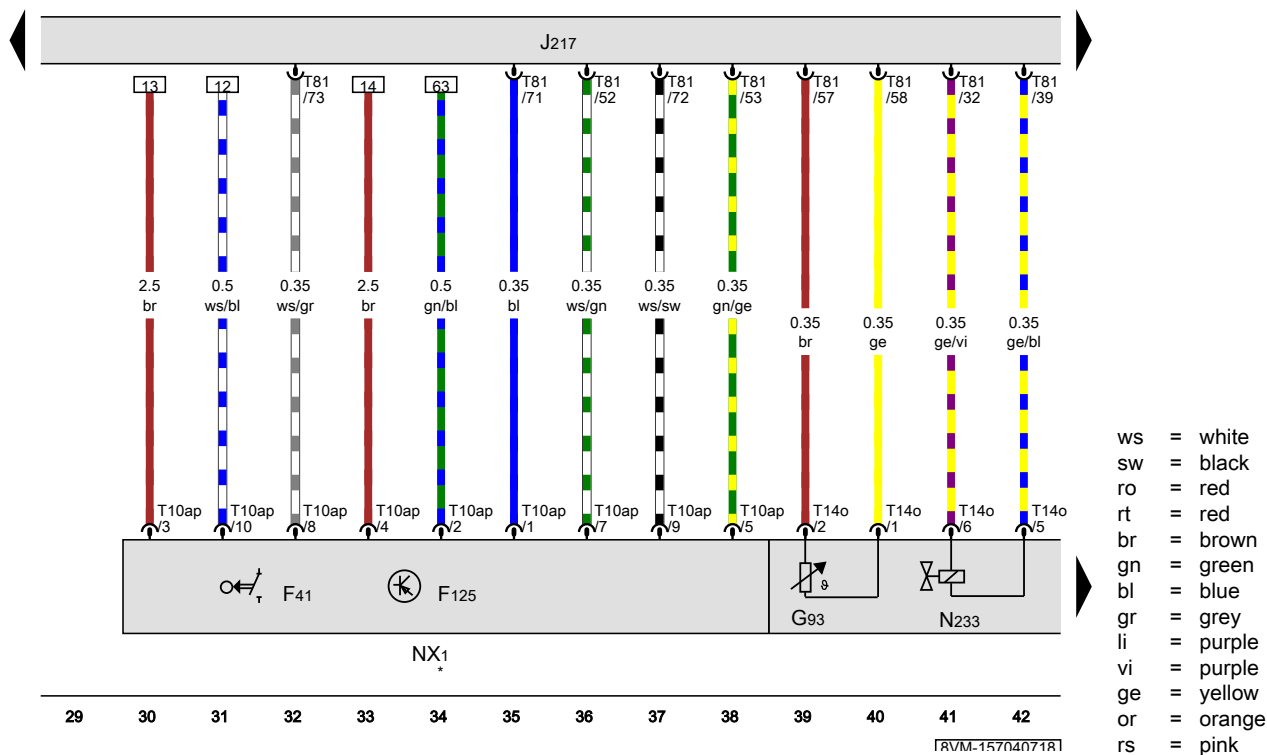
Selector lever, Selector lever locked in position P switch, Automatic gearbox control unit, Selector lever sensors control unit, Selector lever lock solenoid, Selector lever position display

- E313 Selector lever
- F319 Selector lever locked in position P switch
- J217 Automatic gearbox control unit
- J587 Selector lever sensors control unit
- L101 Selector lever display illumination bulb
- N110 Selector lever lock solenoid
- T10j 10-pin connector
- T10k 10-pin connector, black
- T17 17-pin connector, blue
- T17a 17-pin connector, black
- T17b 17-pin connector, brown
- T81 81-pin connector, black
- Y26 Selector lever position display



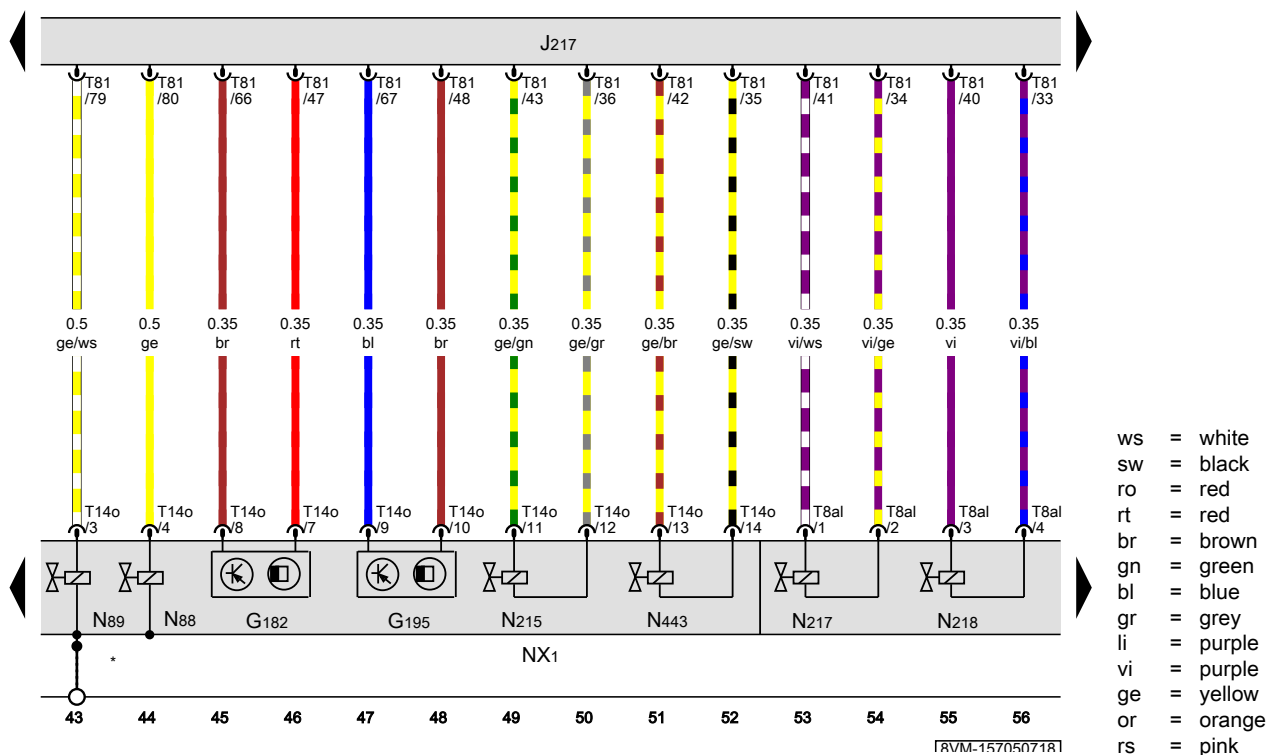
Multifunction switch, Gearbox oil temperature sender, Automatic gearbox control unit, Gearbox, Automatic gearbox pressure regulating valve 5

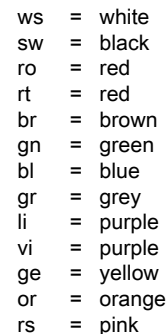
- F41 Reversing switch
- F125 Multifunction switch
- G93 Gearbox oil temperature sender
- J217 Automatic gearbox control unit
- NX1 Gearbox
- N233 Automatic gearbox pressure regulating valve 5
- T10ap 10-pin connector
- T14o 14-pin connector
- T81 81-pin connector, black
- * Pre-wired component



Gearbox input speed sender, Gearbox output speed sender, Automatic gearbox control unit, Gearbox, Solenoid valve 2, Automatic gearbox pressure regulating valve 1, Automatic gearbox pressure regulating valve 4, Automatic gearbox pressure regulating valve 7

- G182 Gearbox input speed sender
- G195 Gearbox output speed sender
- J217 Automatic gearbox control unit
- NX1 Gearbox
- N88 Solenoid valve 1
- N89 Solenoid valve 2
- N215 Automatic gearbox pressure regulating valve 1
- N217 Automatic gearbox pressure regulating valve 3
- N218 Automatic gearbox pressure regulating valve 4
- N443 Automatic gearbox pressure regulating valve 7
- T8al 8-pin connector
- T14o 14-pin connector
- T81 81-pin connector, black
- * Earth supply via housing





J217	Automatic gearbox control unit
J285	Control unit in dash panel insert
J533	Data bus diagnostic interface
J623	Engine/motor control unit
NX1	Gearbox
N216	Automatic gearbox pressure regulating valve 2
T8al	8-pin connector
T17a	17-pin connector, black
T20a	20-pin connector, red
T81	81-pin connector, black
T94	94-pin connector
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B398	Connection 2 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
B407	Connection 2 (convenience CAN bus, low), in main wiring harness
D103	Connection 3 in engine compartment wiring harness
E123	Connection 1 (powertrain CAN bus, high), in engine wiring harness
E124	Connection 1 (powertrain CAN bus, low), in engine wiring harness
*	see applicable current flow diagram for engine
*2	For right-hand drive models
*3	see applicable current flow diagram for dash panel insert
*4	For left-hand drive models

Ring break diagnosis

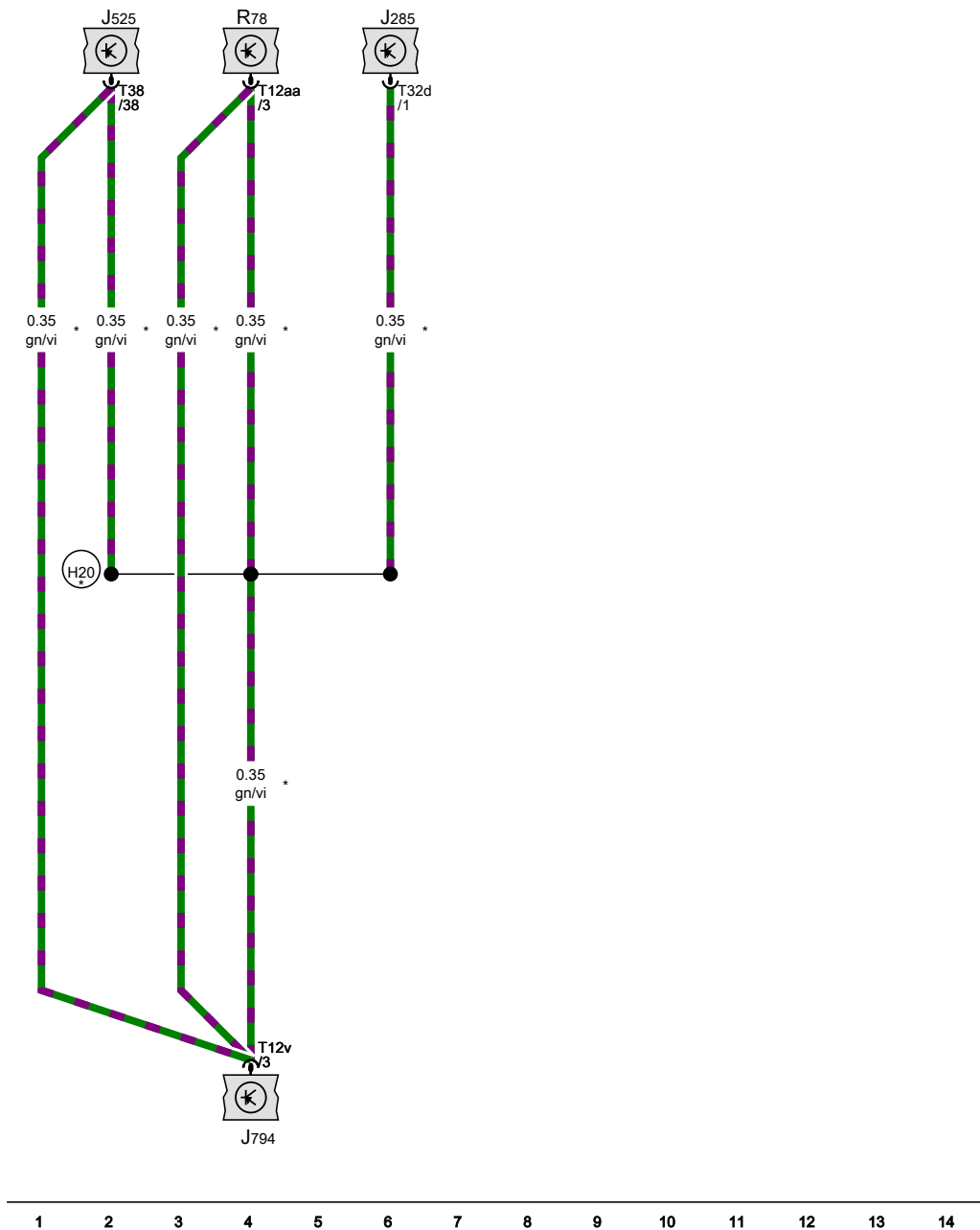
From May 2016

Control unit in dash panel insert, Digital sound package control unit, Control unit 1 for information electronics, TV tuner

- J285 Control unit in dash panel insert
- J525 Digital sound package control unit
- J794 Control unit 1 for information electronics
- R78 TV tuner
- T12aa 12-pin connector, black
- T12v 12-pin connector, grey
- T32d 32-pin connector, grey
- T38 38-pin connector, black

H20 Connection 1, in diagnosis wiring harness

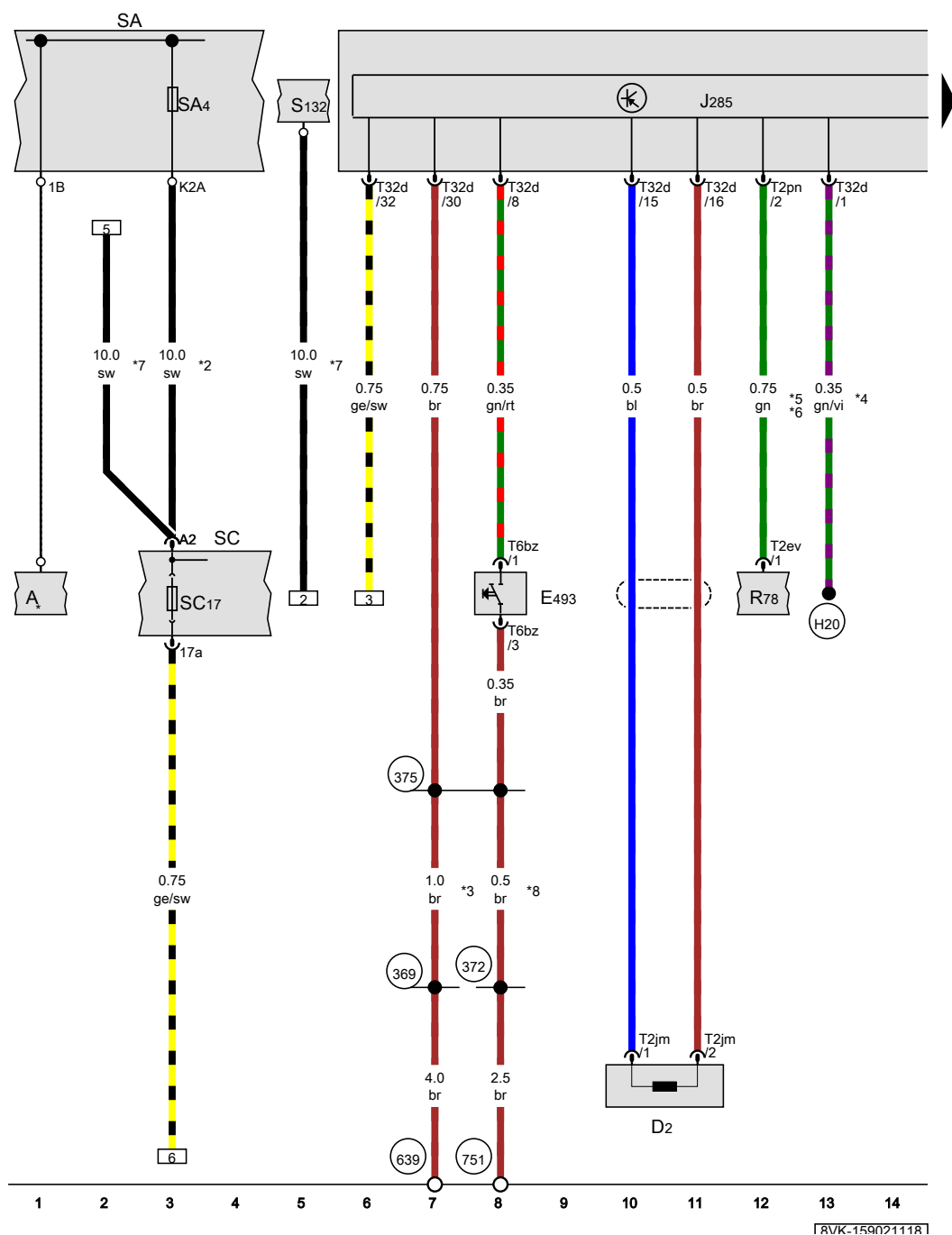
* According to equipment



RVK-158021118

Dash panel insert , (9S8)

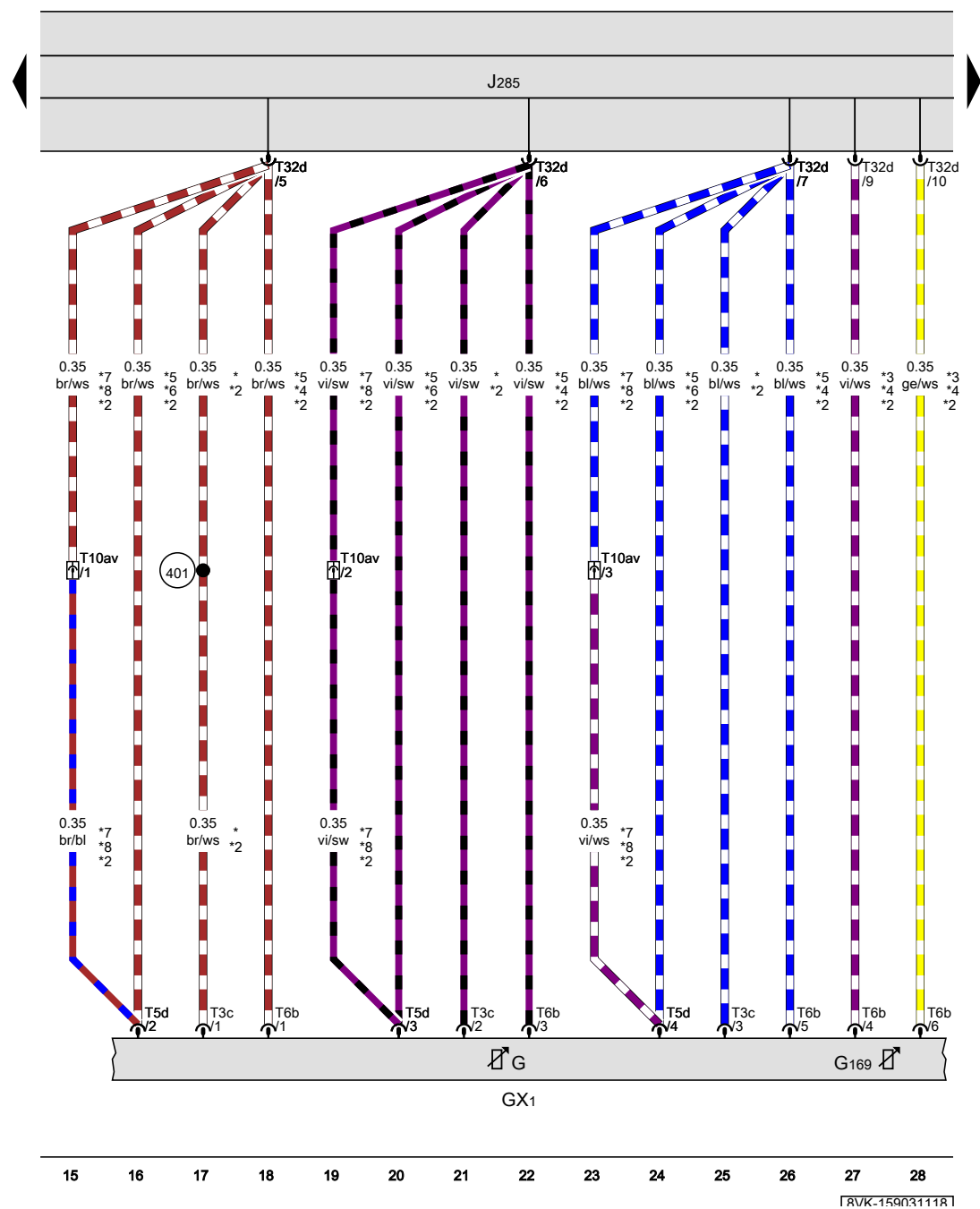
From May 2016



Dash panel insert operating button, Control unit in dash panel insert, Fuse holder C

- A Battery
- D2 Immobiliser reader coil
- E493 Dash panel insert operating button
- J285 Control unit in dash panel insert
- R78 TV tuner
- S132 Fuse 2
- SA Fuse holder A
- SA4 Fuse 4 on fuse holder A
- SC Fuse holder C
- SC17 Fuse 17 on fuse holder C
- T2ev 2-pin connector, black
- T2jm 2-pin connector
- T2pn 2-pin connector, black
- T6bz 6-pin connector, blue
- T32d 32-pin connector, grey
- 369 Earth connection 4, in main wiring harness
- 372 Earth connection 7, in main wiring harness
- 375 Earth connection 10, in main wiring harness
- 639 Earth point, left A-pillar
- 751 Earth point 2, on right A-pillar
- H20 Connection 1, in diagnosis wiring harness
- * see applicable current flow diagram for battery in engine compartment
- *2 Not for RS 3 models
- *3 For left-hand drive models
- *4 see applicable current flow diagram for ring break diagnosis
- *5 Fibre optic cable (FOC)
- *6 see applicable current flow diagram for infotainment MOST bus
- *7 For RS 3 models
- *8 For right-hand drive models

ws = white
 sw = black
 ro = red
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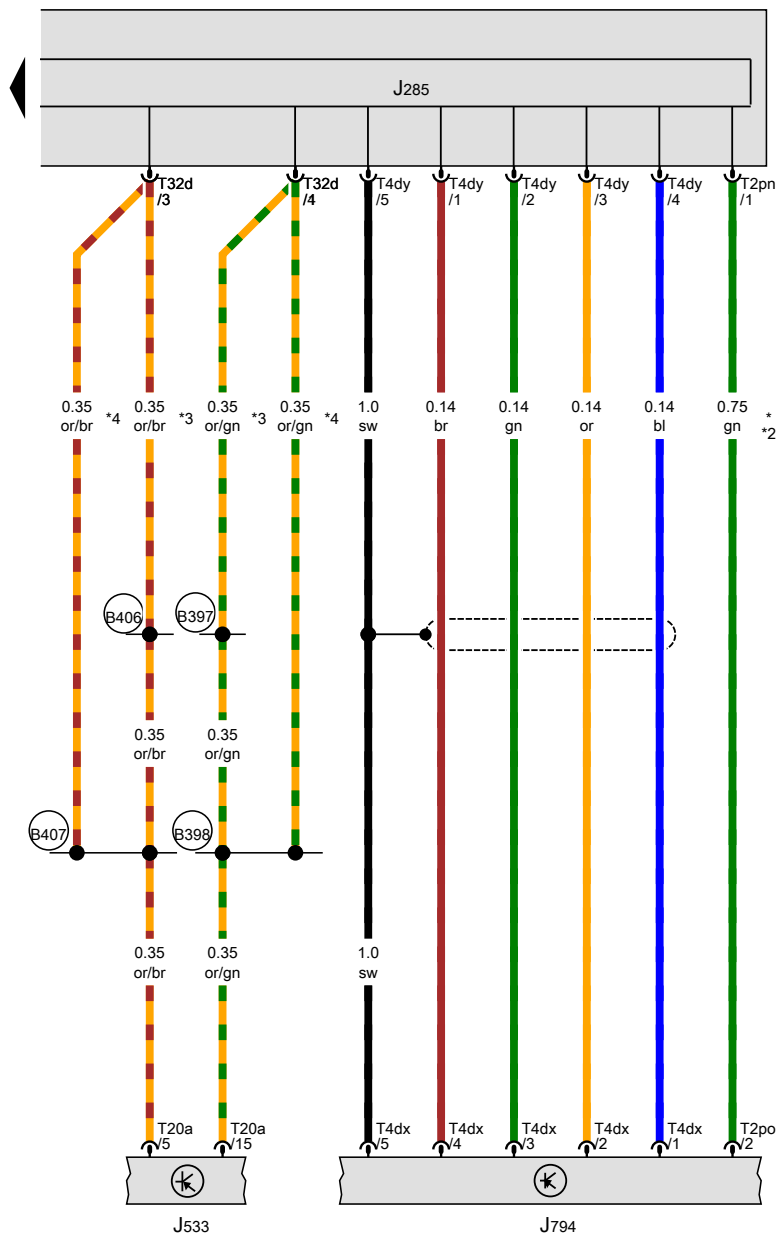
Fuel gauge sender, Fuel delivery unit, Fuel gauge sender 2, Control unit in dash panel insert

- G Fuel gauge sender
- GX1 Fuel delivery unit
- G169 Fuel gauge sender 2
- J285 Control unit in dash panel insert
- T3c 3-pin connector, black
- T5d 5-pin connector, black
- T6b 6-pin connector, black
- T10av 10-pin connector, in rear right interior wiring harness, near tank filler neck, black
- T32d 32-pin connector, grey

401 Earth connection (sender earth), in interior wiring harness

- * For models with diesel engine
- *2 see applicable current flow diagram for fuel system
- *3 According to equipment
- *4 For models with all-wheel drive
- *5 For models with petrol engine
- *6 For models with front-wheel drive
- *7 From November 2018
- *8 For models with natural gas engine

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- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
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Control unit in dash panel insert, Data bus diagnostic interface, Control unit 1 for information electronics

- J285 Control unit in dash panel insert
- J533 Data bus diagnostic interface
- J794 Control unit 1 for information electronics
- T2pn 2-pin connector, black
- T2po 2-pin connector, black
- T4dx 4-pin connector, yellow
- T4dy 4-pin connector, black
- T20a 20-pin connector, red
- T32d 32-pin connector, grey

B397 Connection 1 (convenience CAN bus, high), in main wiring harness

B398 Connection 2 (convenience CAN bus, high), in main wiring harness

B406 Connection 1 (convenience CAN bus, low), in main wiring harness

B407 Connection 2 (convenience CAN bus, low), in main wiring harness

* Fibre optic cable (FOC)

*2 see applicable current flow diagram for infotainment MOST bus

*3 For left-hand drive models

*4 For right-hand drive models

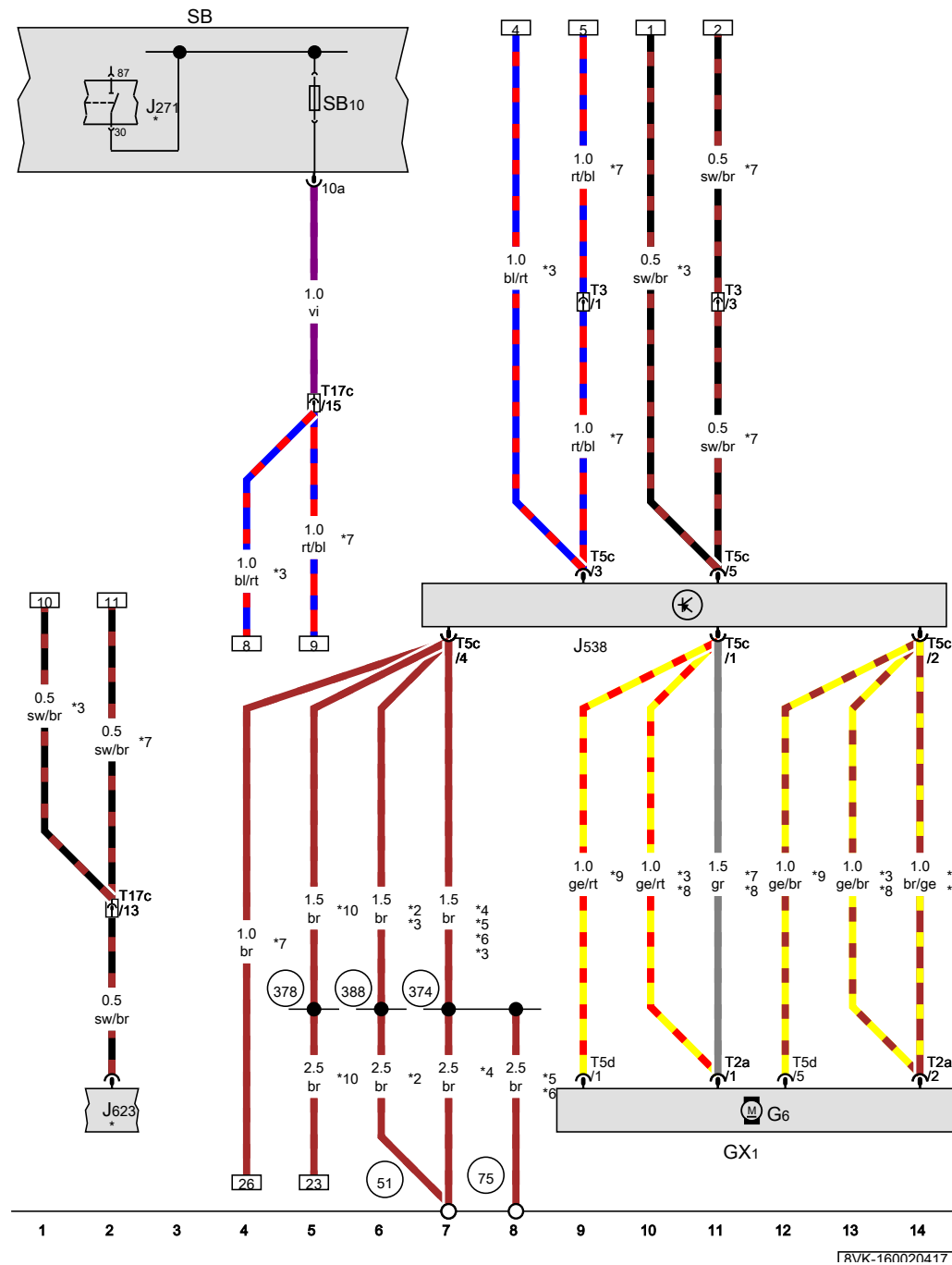
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29 30 31 32 33 34 35 36 37 38 39 40 41 42

18V/K-159041118

Fuel system , (1A5),(1A7),(9S8)

From May 2016



Fuel delivery unit, Fuel system pressurisation pump, Main relay, Fuel pump control unit

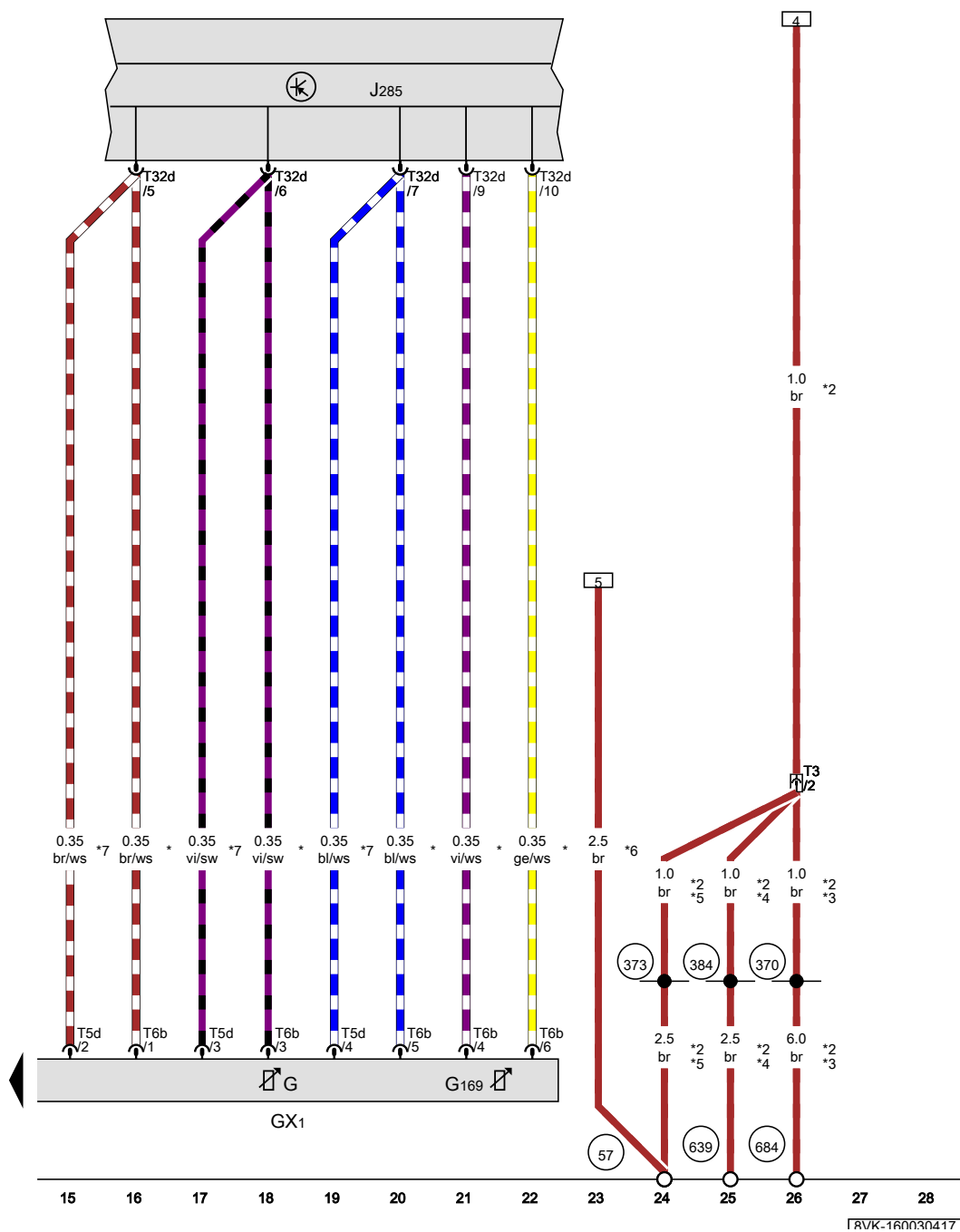
- GX1 Fuel delivery unit
- G6 Fuel system pressurisation pump
- J271 Main relay
- J538 Fuel pump control unit
- J623 Engine control unit
- SB Fuse holder B
- SB10 Fuse 10 on fuse holder B
- T2a 2-pin connector, black
- T3 3-pin connector, black
- T5c 5-pin connector, black
- T5d 5-pin connector, black
- T17c 17-pin connector, on lower section of left A-pillar, red

- 51 Earth point, on right in luggage compartment
- 75 Earth point, rear right pillar
- 374 Earth connection 9, in main wiring harness
- 378 Earth connection 13, in main wiring harness
- 388 Earth connection 23, in main wiring harness

- * see applicable current flow diagram for engine
- *2 Only Cabriolet models
- *3 Only models with no auxiliary heater
- *4 Only models with 4-doors
- *5 Only models with 3-doors
- *6 Only models with 5-doors
- *7 Only models with auxiliary heating
- *8 Only models with all-wheel drive
- *9 Only models with front-wheel drive
- *10 Only models with hybrid drive system

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- vi = purple
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FRVK-1600204171

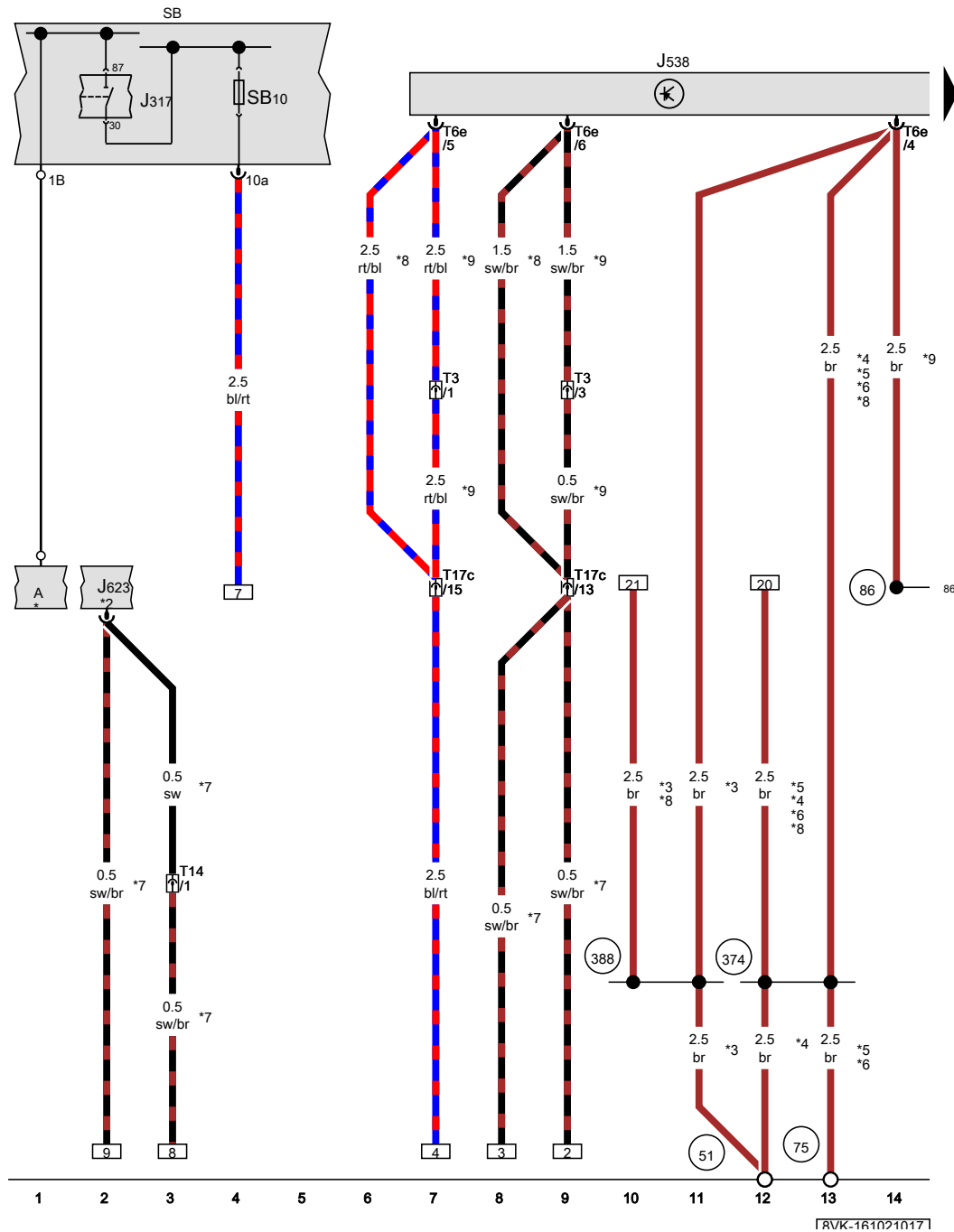


Fuel gauge sender, Fuel delivery unit, Fuel gauge sender 2, Control unit in dash panel insert

- G Fuel gauge sender
- GX1 Fuel delivery unit
- G169 Fuel gauge sender 2
- J285 Control unit in dash panel insert
- T3 3-pin connector, black
- T5d 5-pin connector, black
- T6b 6-pin connector, black
- T32d 32-pin connector, grey
- 57 Earth point, rear left pillar
- 370 Earth connection 5, in main wiring harness
- 373 Earth connection 8, in main wiring harness
- 384 Earth connection 19, in main wiring harness
- 639 Earth point, left A-pillar
- 684 Earth point on front of left side member
- * Only models with all-wheel drive
- *2 Only models with auxiliary heating
- *3 Only models with 5-doors
- *4 Only models with 4-doors
- *5 Only models with 3-doors
- *6 Only models with hybrid drive system
- *7 Only models with front-wheel drive

Fuel system , (0F5),(1A8),(9S8)

From May 2016

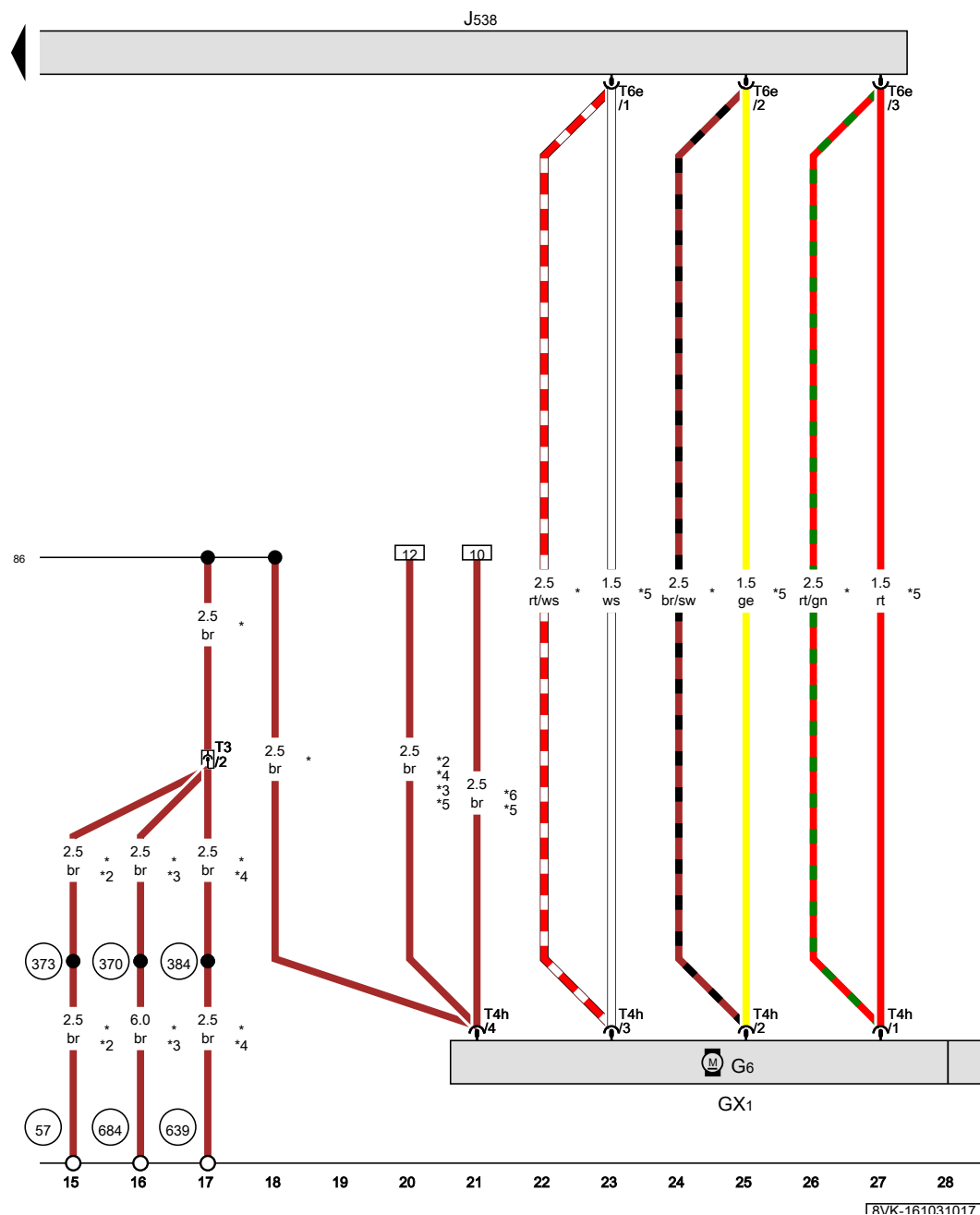


Terminal 30 voltage supply relay, Fuel pump control unit

- A Battery
- J317 Terminal 30 voltage supply relay
- J538 Fuel pump control unit
- J623 Engine/motor control unit
- SB Fuse holder B
- SB10 Fuse 10 on fuse holder B
- T3 3-pin connector
- T6e 6-pin connector, black
- T14 14-pin connector
- T17c 17-pin connector, on lower section of left A-pillar, red
- 51 Earth point, on right in luggage compartment
- 75 Earth point, rear right pillar
- 86 Earth connection 1, in rear wiring harness
- 374 Earth connection 9, in main wiring harness
- 388 Earth connection 23, in main wiring harness
- * see applicable current flow diagram for battery in engine compartment
- *2 see applicable current flow diagram for engine
- *3 For Cabriolet models
- *4 For models with 4 doors
- *5 For models with 3 doors
- *6 For models with 5 doors
- *7 According to equipment
- *8 For models with no auxiliary heater
- *9 For models with auxiliary heating

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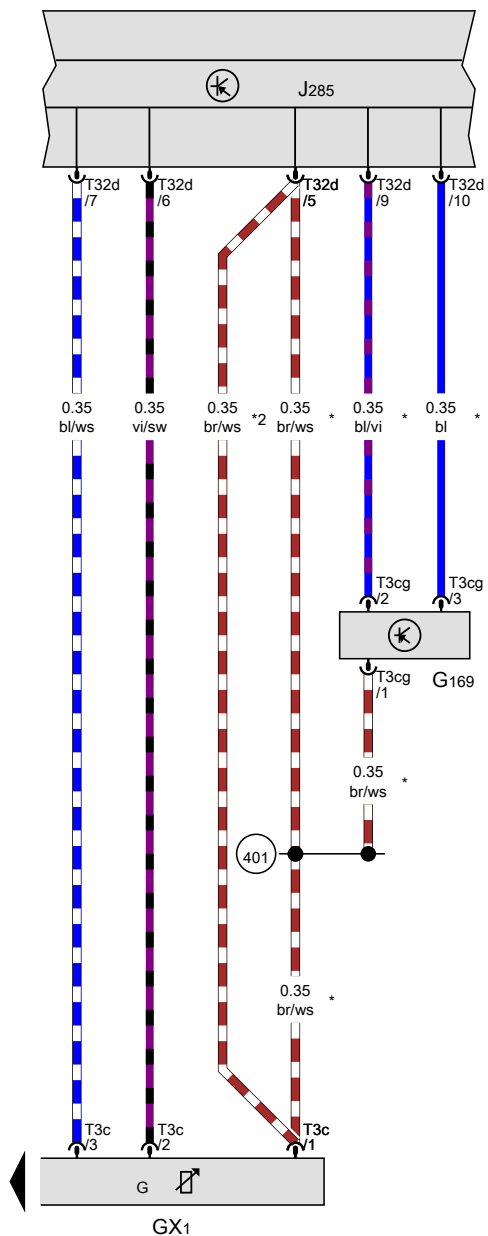
FRVK-1610210171



Fuel delivery unit, Fuel pump control unit

- GX1 Fuel delivery unit
- G6 Fuel system pressurisation pump
- J538 Fuel pump control unit
- T3 3-pin connector
- T4h 4-pin connector, black
- T6e 6-pin connector, black
- 57 Earth point, rear left pillar
- 86 Earth connection 1, in rear wiring harness
- 370 Earth connection 5, in main wiring harness
- 373 Earth connection 8, in main wiring harness
- 384 Earth connection 19, in main wiring harness
- 639 Earth point, left A-pillar
- 684 Earth point on front of left side member
- * For models with auxiliary heating
- *2 For models with 3 doors
- *3 For models with 5 doors
- *4 For models with 4 doors
- *5 For models with no auxiliary heater
- *6 For Cabriolet models

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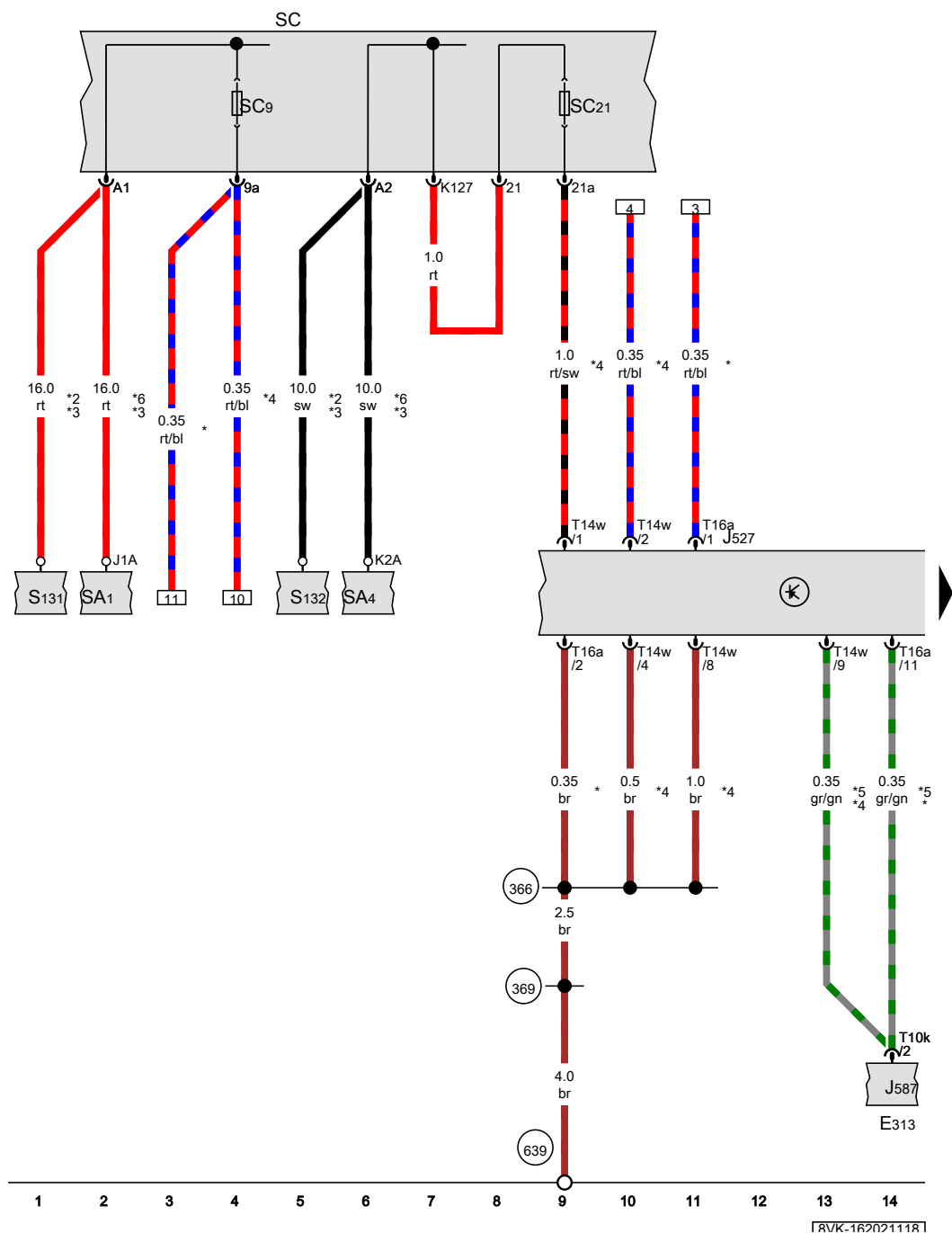
Fuel gauge sender, Fuel delivery unit, Control unit in dash panel insert

- G Fuel gauge sender
- GX1 Fuel delivery unit
- G169 Fuel gauge sender 2
- J285 Control unit in dash panel insert
- T3c 3-pin connector, black
- T3cg 3-pin connector
- T32d 32-pin connector, grey
- 401 Earth connection (sender earth), in interior wiring harness
- * For models with all-wheel drive
- *2 For models with no all-wheel drive

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Steering column electronics , (L0L)

From May 2016



Steering column electronics control unit, Fuse holder C

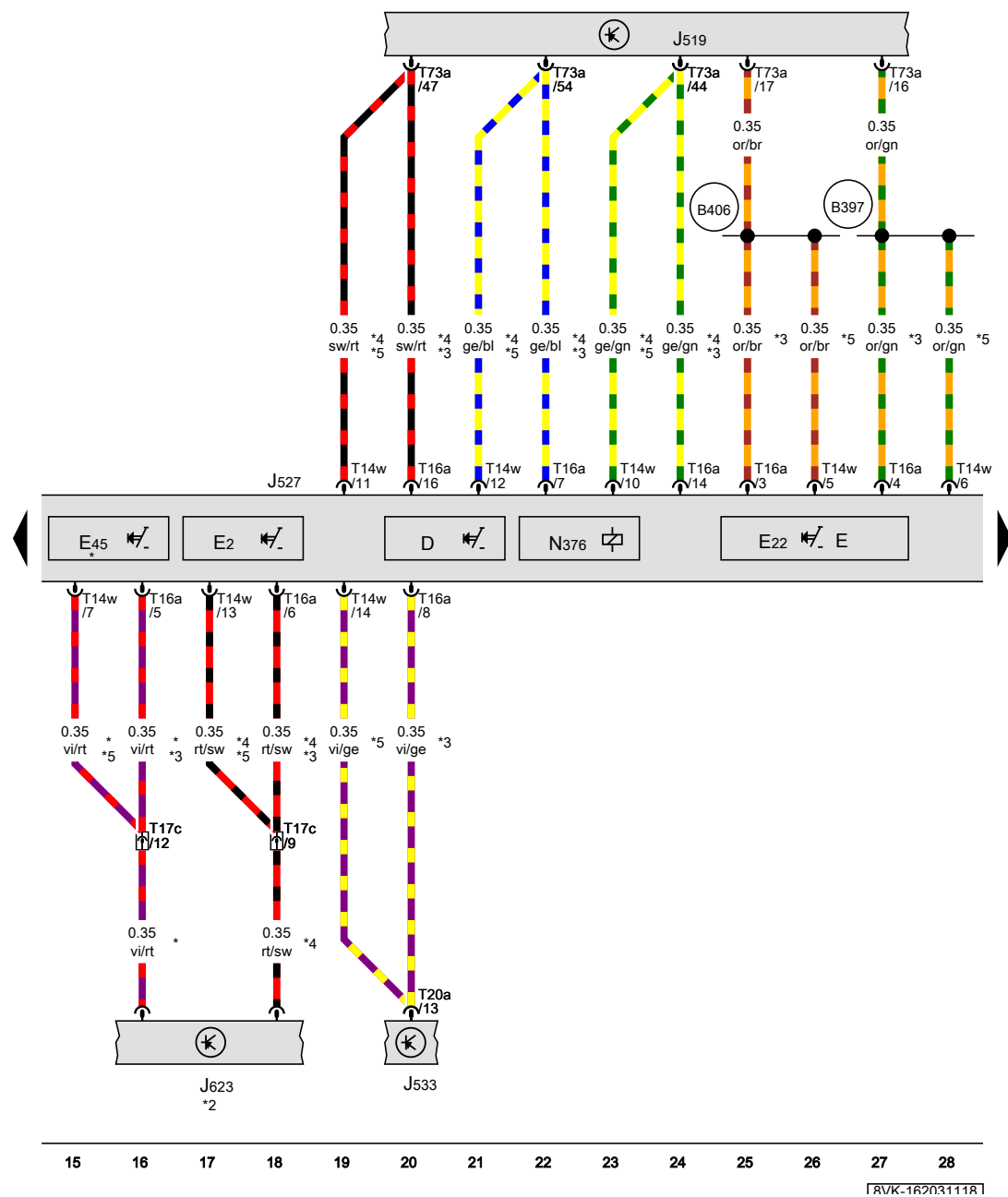
- E313 Selector lever
- J527 Steering column electronics control unit
- J587 Selector lever sensors control unit
- SA1 Fuse 1 on fuse holder A
- SA4 Fuse 4 on fuse holder A
- SC Fuse holder C
- SC9 Fuse 9 on fuse holder C
- SC21 Fuse 21 on fuse holder C
- S131 Fuse 1
- S132 Fuse 2
- T10k 10-pin connector, black
- T14w 14-pin connector, black
- T16a 16-pin connector, black

- 366 Earth connection 1, in main wiring harness
- 369 Earth connection 4, in main wiring harness
- 639 Earth point, left A-pillar

- * For models with no heated steering wheel
- *2 For RS 3 models
- *3 see applicable current flow diagram for battery
- *4 For models with heated steering wheel
- *5 For models with dual clutch gearbox
- *6 Not for RS 3 models

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- vi = purple
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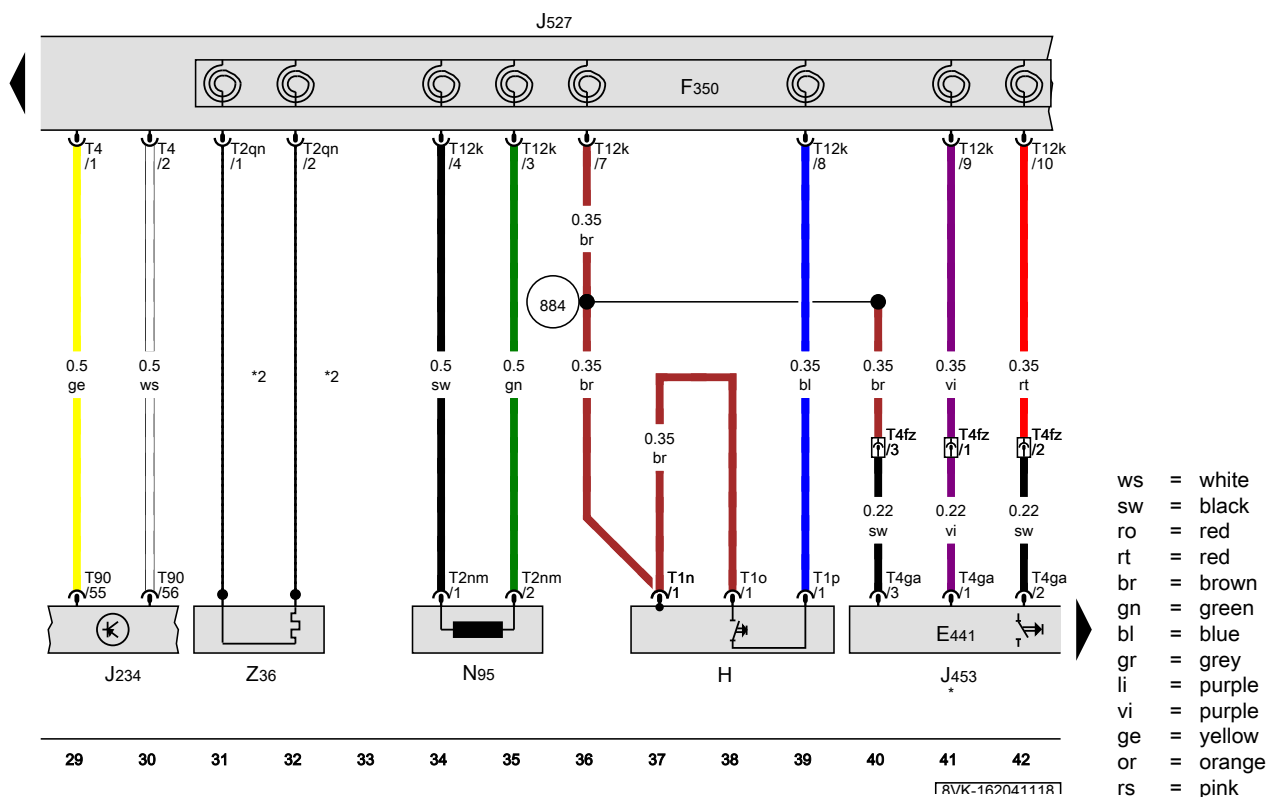
Ignition/starter switch, Windscreen wiper switch, Turn signal switch, Intermittent wiper switch, Cruise control system switch, Onboard supply control unit, Steering column electronics control unit, Data bus diagnostic interface



- D Ignition/starter switch
- E Windscreen wiper switch
- E2 Turn signal switch
- E22 Intermittent wiper switch
- E45 Cruise control system switch
- J519 Onboard supply control unit
- J527 Steering column electronics control unit
- J533 Data bus diagnostic interface
- J623 Engine/motor control unit
- N376 Ignition key withdrawal lock solenoid
- T14w 14-pin connector, black
- T16a 16-pin connector, black
- T17c 17-pin connector, red
- T20a 20-pin connector, red
- T73a 73-pin connector, black
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- * For models with cruise control system (CCS)
- *2 see applicable current flow diagram for engine
- *3 For models with no heated steering wheel
- *4 For models with no entry and start authorisation
- *5 For models with heated steering wheel

Multifunction buttons on right in steering wheel, Horn plate, Airbag control unit, Multifunction steering wheel control unit, Steering column electronics control unit, Airbag igniter on driver side

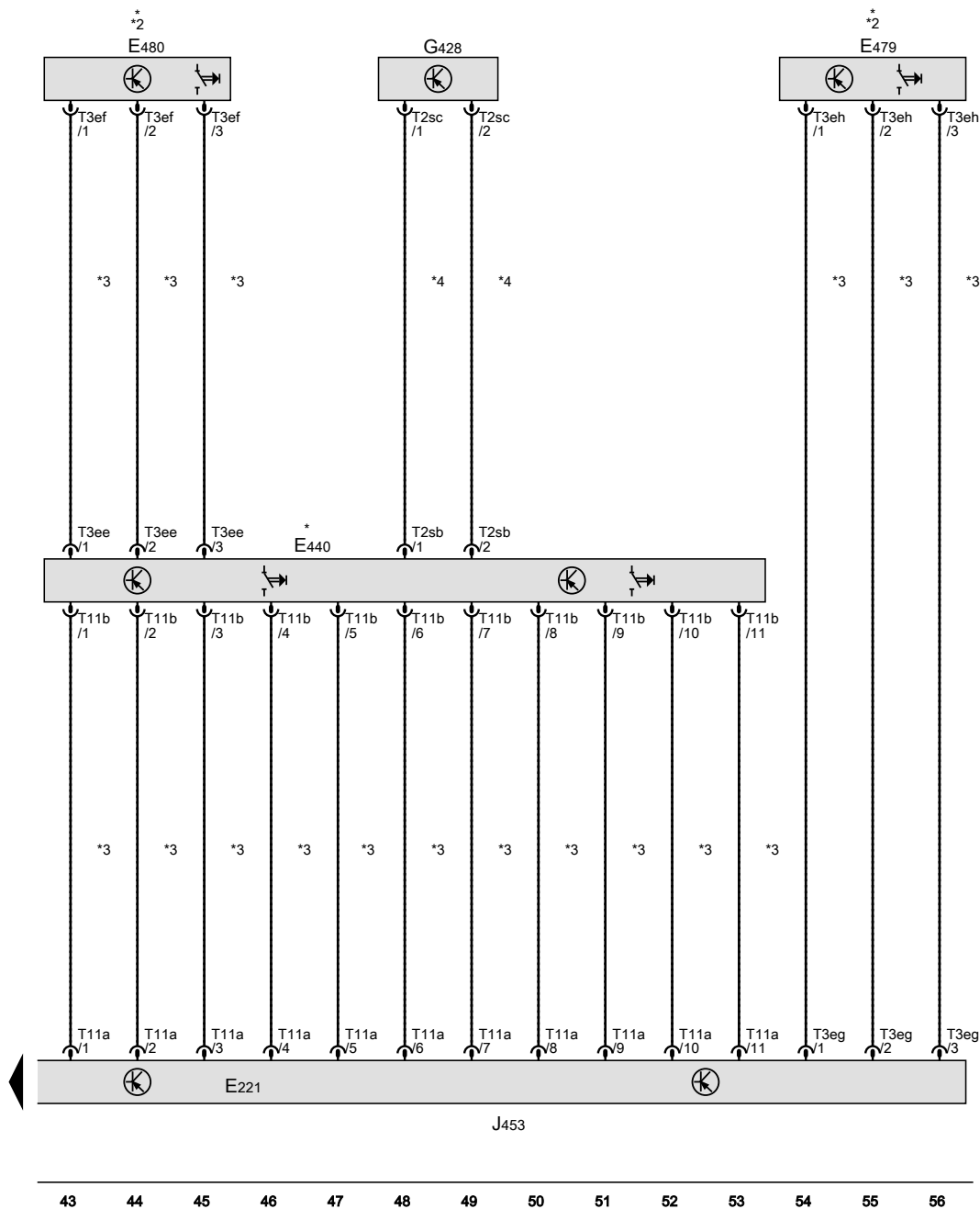
- E441 Multifunction buttons on right in steering wheel
- F350 Coil connector
- H Horn plate
- J234 Airbag control unit
- J453 Multifunction steering wheel control unit, in steering wheel
- J527 Steering column electronics control unit
- N95 Airbag igniter on driver side
- T1n 1-pin connector
- T1o 1-pin connector
- T1p 1-pin connector
- T2nm 2-pin connector
- T2qn 2-pin connector
- T4 4-pin connector
- T4fz 4-pin connector, in steering wheel
- T4ga 4-pin connector
- T12k 12-pin connector
- T90 90-pin connector, yellow
- Z36 Heated steering wheel



884 Earth connection 1 in steering wheel wiring harness

- * For models with multifunction steering wheel
- *2 For models with heated steering wheel

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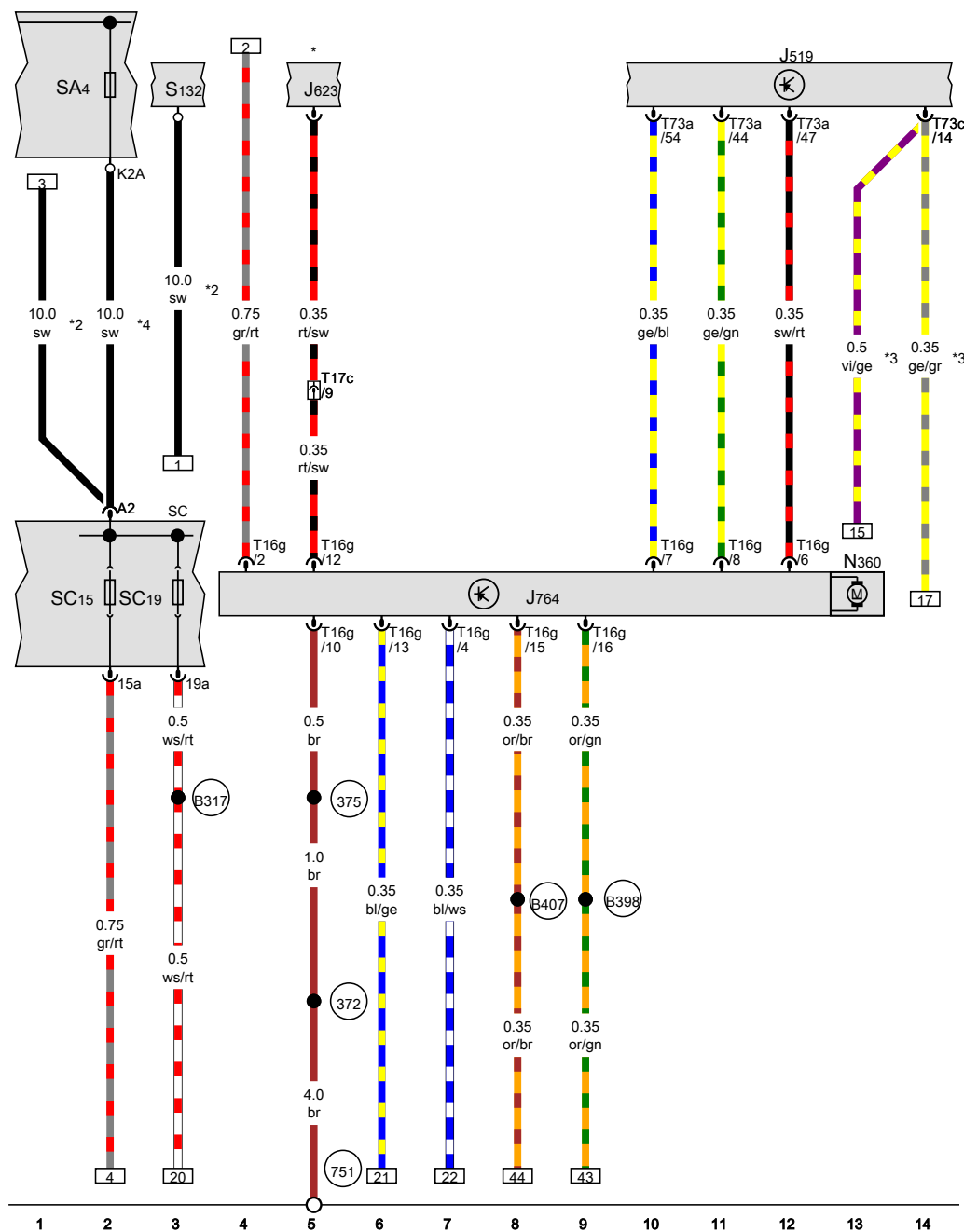


Multifunction buttons on left in steering wheel, Tiptronic switch (shift up), Tiptronic switch (shift down), Heated steering wheel sender, Multifunction steering wheel control unit

- E221 Operating unit in steering wheel
- E440 Multifunction buttons on left in steering wheel
- E479 Tiptronic switch (shift up)
- E480 Tiptronic switch (shift down)
- G428 Heated steering wheel sender
- J453 Multifunction steering wheel control unit, in steering wheel
- T2sb 2-pin connector
- T2sc 2-pin connector
- T3ee 3-pin connector
- T3ef 3-pin connector
- T3eg 3-pin connector
- T3eh 3-pin connector
- T11a 11-pin connector
- T11b 11-pin connector
- * For models with multifunction steering wheel
- *2 For models with Tiptronic
- *3 Adapter wire
- *4 For models with heated steering wheel

Entry and start authorisation for RHD vehicles , (L0R)

From May 2016

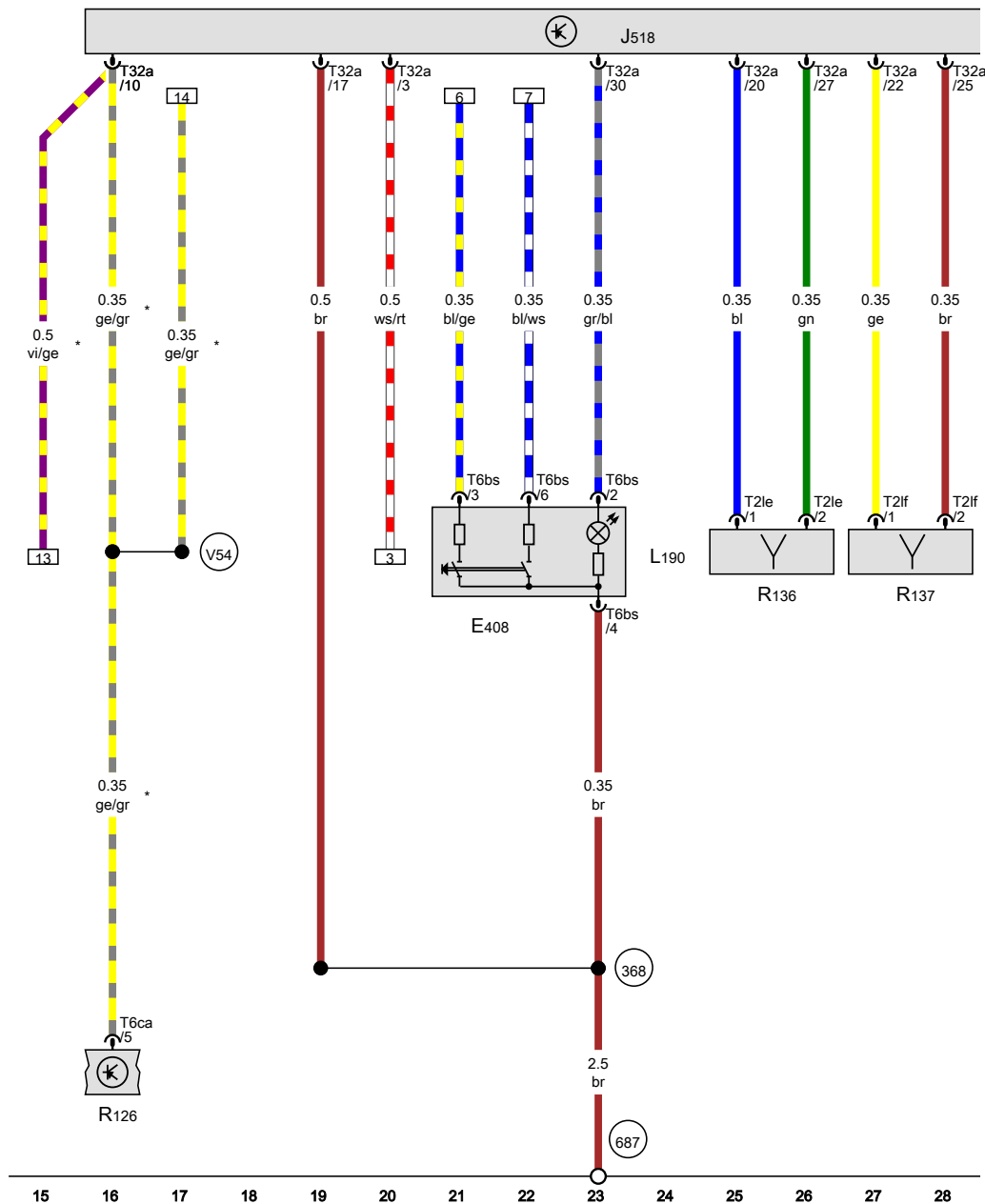


Onboard supply control unit, Control unit for electronic steering column lock, Fuse 4 on fuse holder A, Fuse holder C

- J519 Onboard supply control unit
- J623 Engine/motor control unit
- J764 Control unit for electronic steering column lock
- N360 Steering column lock control element
- SA4 Fuse 4 on fuse holder A
- SC Fuse holder C
- SC15 Fuse 15 on fuse holder C
- SC19 Fuse 19 on fuse holder C
- S132 Fuse 2
- T16g 16-pin connector, black
- T17c 17-pin connector, on lower section of left A-pillar, red
- T73a 73-pin connector, black
- T73c 73-pin connector, black
- 372 Earth connection 7, in main wiring harness
- 375 Earth connection 10, in main wiring harness
- 751 Earth point 2, on right A-pillar
- B317 Positive connection 3 (30a) in main wiring harness
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness
- * see applicable current flow diagram for engine
- *2 For RS 3 models
- *3 According to equipment
- *4 Not for RS 3 models

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 li = purple
 vi = purple
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 rs = pink

Entry and start authorisation button, Entry and start authorisation control unit, Rear bumper aerial for entry and start system, Luggage compartment aerial for entry and start system



- E408 Entry and start authorisation button
- J518 Entry and start authorisation control unit
- L190 Ignition and starter button illumination bulb
- R126 Telephone bracket
- R136 Rear bumper aerial for entry and start system
- R137 Luggage compartment aerial for entry and start system
- T2le 2-pin connector, colourless
- T2lf 2-pin connector, black
- T6bs 6-pin connector, black
- T6ca 6-pin connector, black
- T32a 32-pin connector, blue

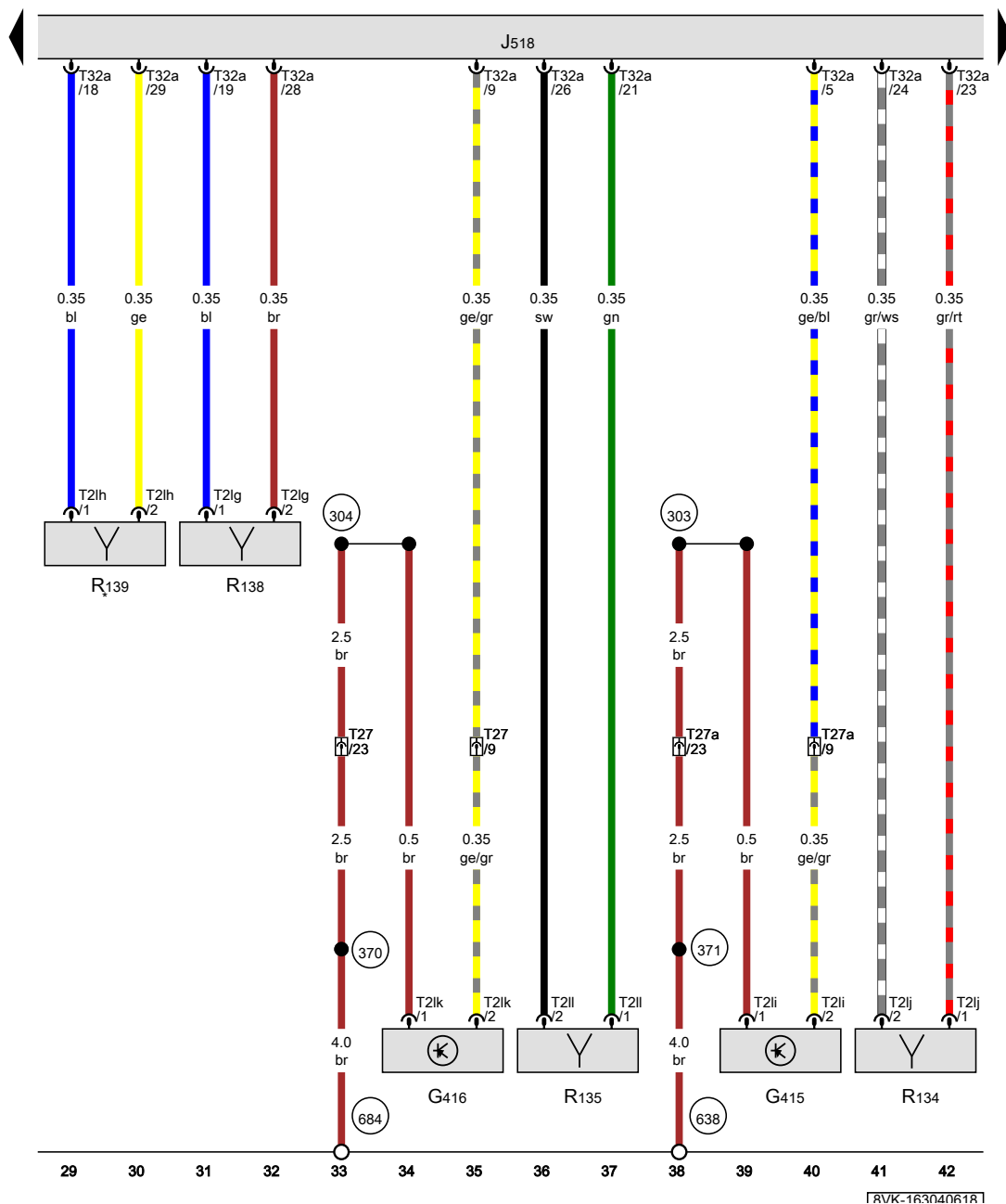
368 Earth connection 3, in main wiring harness

687 Earth point 1, on centre tunnel

V54 Connection 1 (telephone), in main wiring harness

* According to equipment

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 sw = black
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 rs = pink



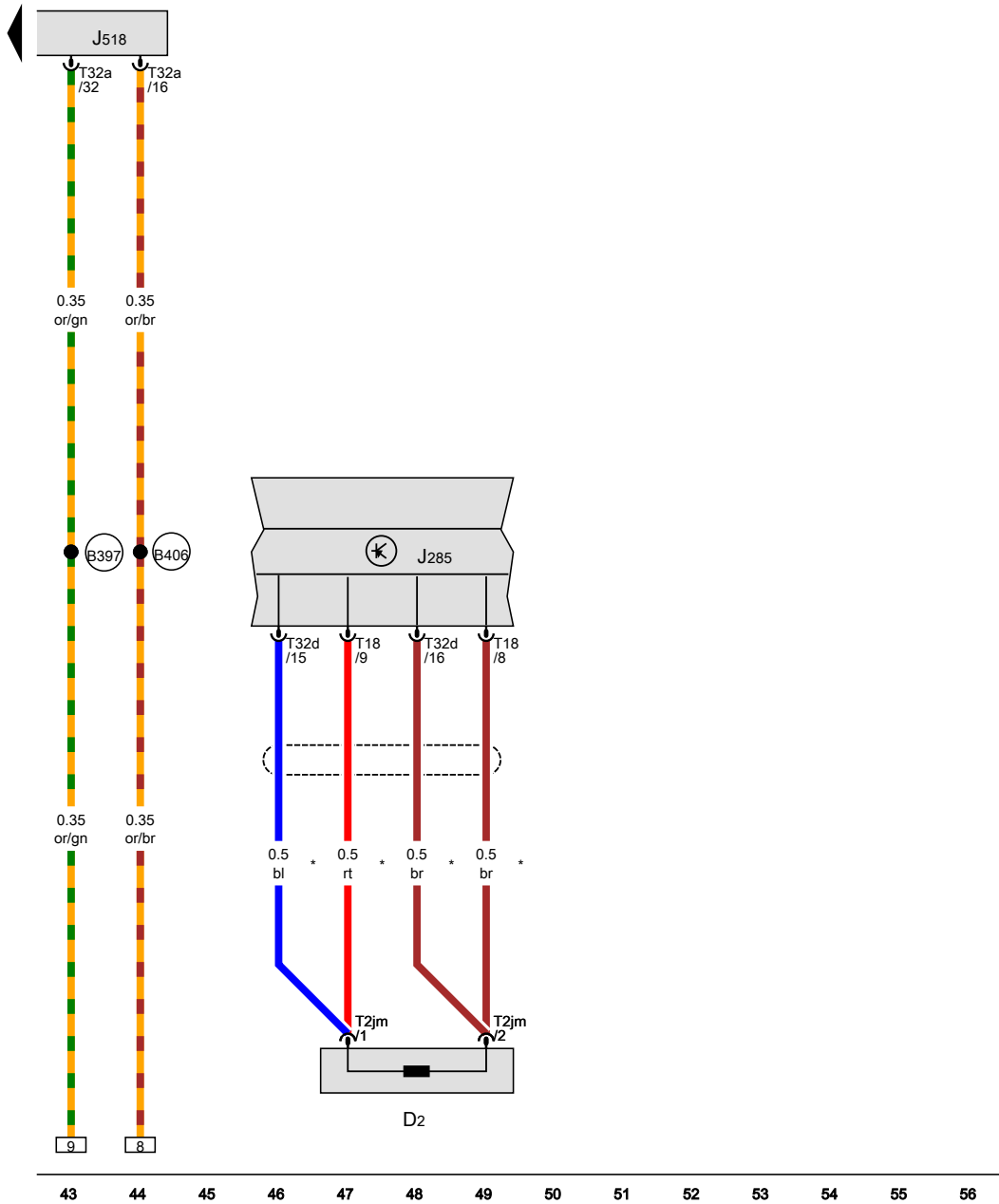
Driver exterior door handle contact sensor, Front passenger exterior door handle contact sensor, Entry and start authorisation control unit, Driver side aerial for entry and start system, Passenger side aerial for entry and start system, Interior aerial 1 for entry and start system, Interior aerial 2 for entry and start system

- G415 Driver exterior door handle contact sensor
- G416 Front passenger exterior door handle contact sensor
- J518 Entry and start authorisation control unit
- R134 Driver side aerial for entry and start system
- R135 Passenger side aerial for entry and start system
- R138 Interior aerial 1 for entry and start system
- R139 Interior aerial 2 for entry and start system
- T2lg 2-pin connector, black
- T2lh 2-pin connector, black
- T2li 2-pin connector
- T2lj 2-pin connector, colourless
- T2lk 2-pin connector, black
- T2ll 2-pin connector, colourless
- T27 27-pin connector, on left A-pillar, black
- T27a 27-pin connector, on right A-pillar, black
- T32a 32-pin connector, blue

- 303 Earth connection 3, in drive side door wiring harness
- 304 Earth connection 3, in front passenger side door wiring harness
- 370 Earth connection 5, in main wiring harness
- 371 Earth connection 6, in main wiring harness
- 638 Earth point, on right A-pillar
- 684 Earth point on front of left side member

* For Cabriolet models

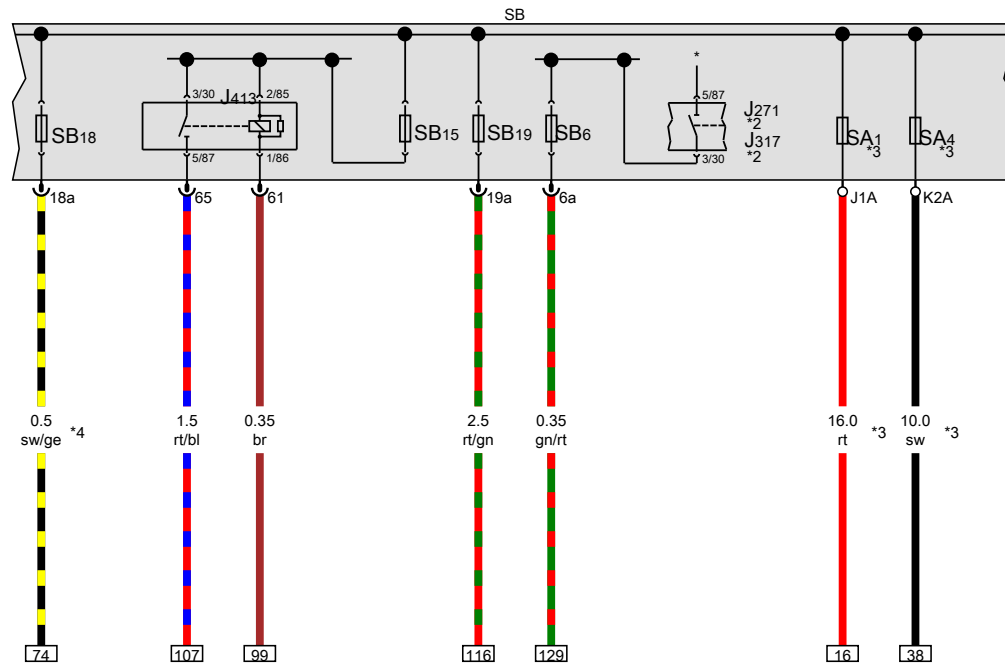
ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



18VK-163050618

Basic equipment , (L0L)

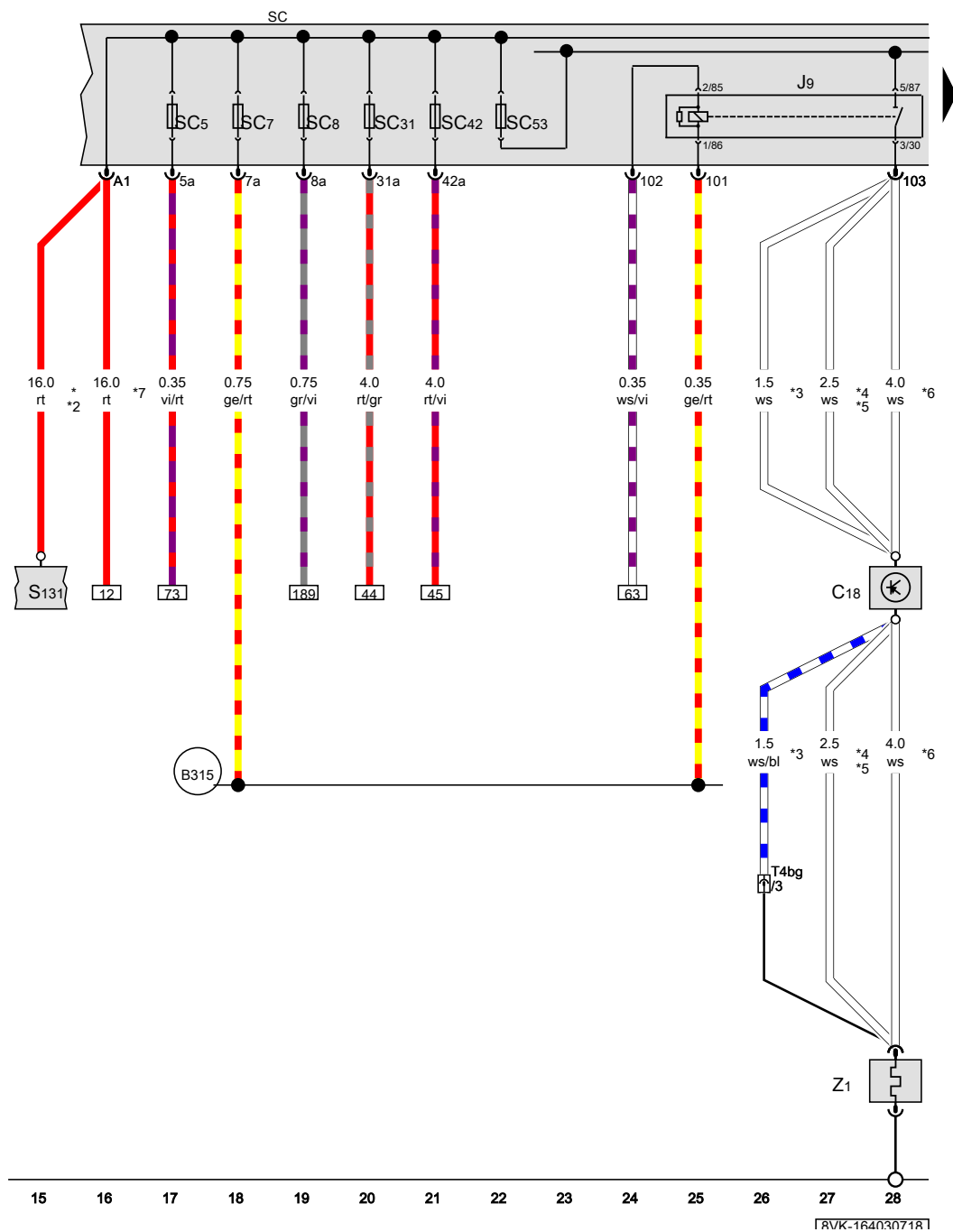
From May 2016



Main relay, Terminal 30 voltage supply relay, Horn relay

- J271 Main relay
- J317 Terminal 30 voltage supply relay
- J413 Horn relay
- SA1 Fuse 1 on fuse holder A
- SA4 Fuse 4 on fuse holder A
- SB Fuse holder B
- SB6 Fuse 6 on fuse holder B
- SB15 Fuse 15 on fuse holder B
- SB18 Fuse 18 on fuse holder B
- SB19 Fuse 19 on fuse holder B
- * see applicable current flow diagram for engine
- *2 According to equipment
- *3 Not for RS 3 models
- *4 For models with no start/stop system

ws = white
sw = black
ro = red
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rs = pink



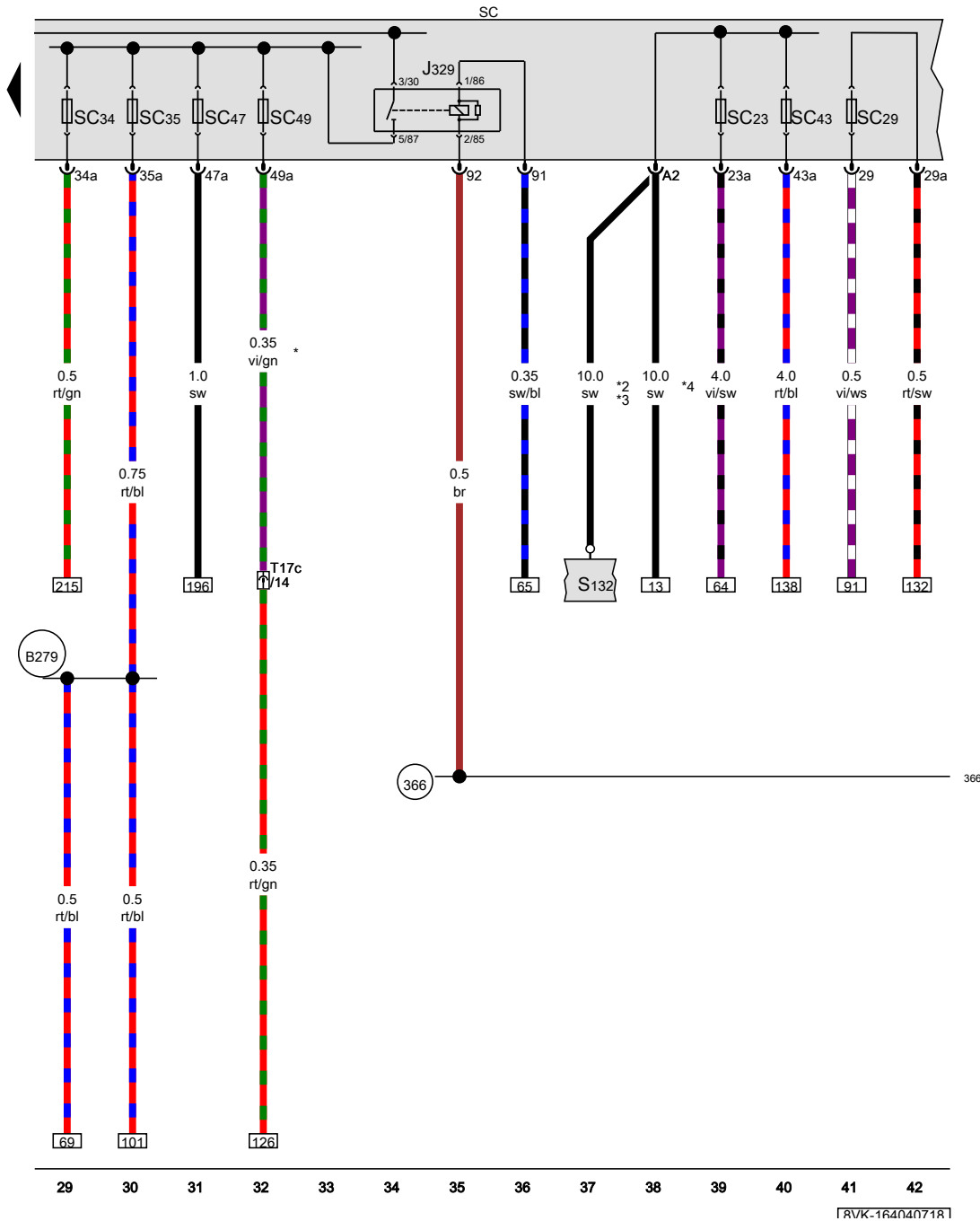
Heated rear window relay, Fuse holder C, Heated rear window

- C18 Window aerial suppression filter
- J9 Heated rear window relay
- SC Fuse holder C
- SC5 Fuse 5 on fuse holder C
- SC7 Fuse 7 on fuse holder C
- SC8 Fuse 8 on fuse holder C
- SC31 Fuse 31 on fuse holder C
- SC42 Fuse 42 on fuse holder C
- SC53 Fuse 53 on fuse holder C
- S131 Fuse 1
- T4bg 4-pin connector
- Z1 Heated rear window

B315 Positive connection 1 (30a) in main wiring harness

- * For RS 3 models
- *2 see applicable current flow diagram for battery
- *3 For Cabriolet models
- *4 For models with 3 doors
- *5 For models with 5 doors
- *6 For models with 4 doors
- *7 Not for RS 3 models

- ws = white
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Terminal 15 voltage supply relay, Fuse holder C

J329 Terminal 15 voltage supply relay

SC Fuse holder C

SC23 Fuse 23 on fuse holder C

SC29 Fuse 29 on fuse holder C

SC34 Fuse 34 on fuse holder C

SC35 Fuse 35 on fuse holder C

SC43 Fuse 43 on fuse holder C

SC47 Fuse 47 on fuse holder C

SC49 Fuse 49 on fuse holder C

S132 Fuse 2

T17c 17-pin connector, red

366 Earth connection 1, in main wiring harness

B279 Positive connection 3 (15a) in main wiring harness

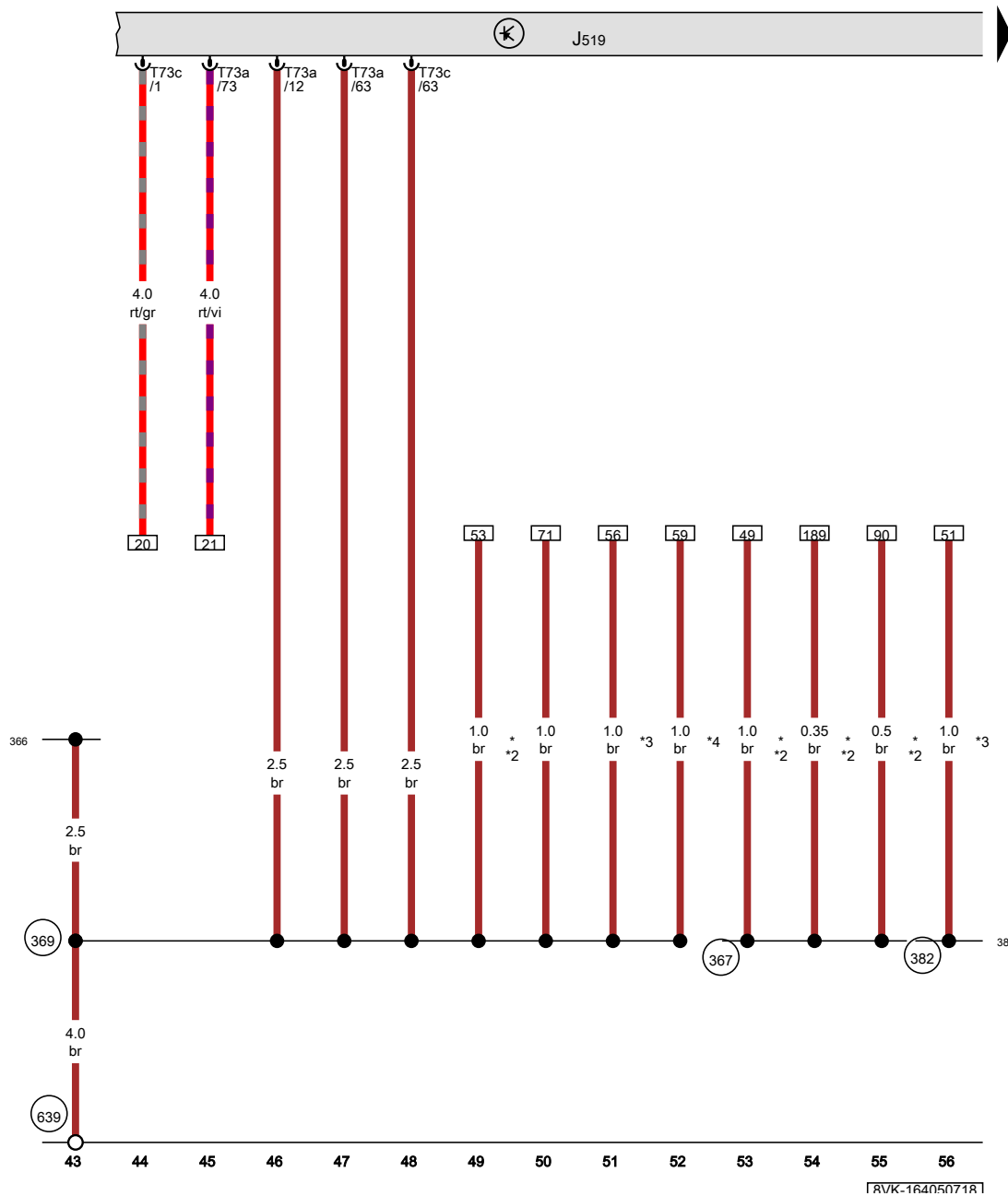
* For models with no hybrid drive system

*2 For RS 3 models

*3 see applicable current flow diagram for battery

*4 Not for RS 3 models

ws = white
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Onboard supply control unit

J519 Onboard supply control unit

T73a 73-pin connector, black

T73c 73-pin connector, black

366 Earth connection 1, in main wiring harness

367 Earth connection 2, in main wiring harness

369 Earth connection 4, in main wiring harness

382 Earth connection 17, in main wiring harness

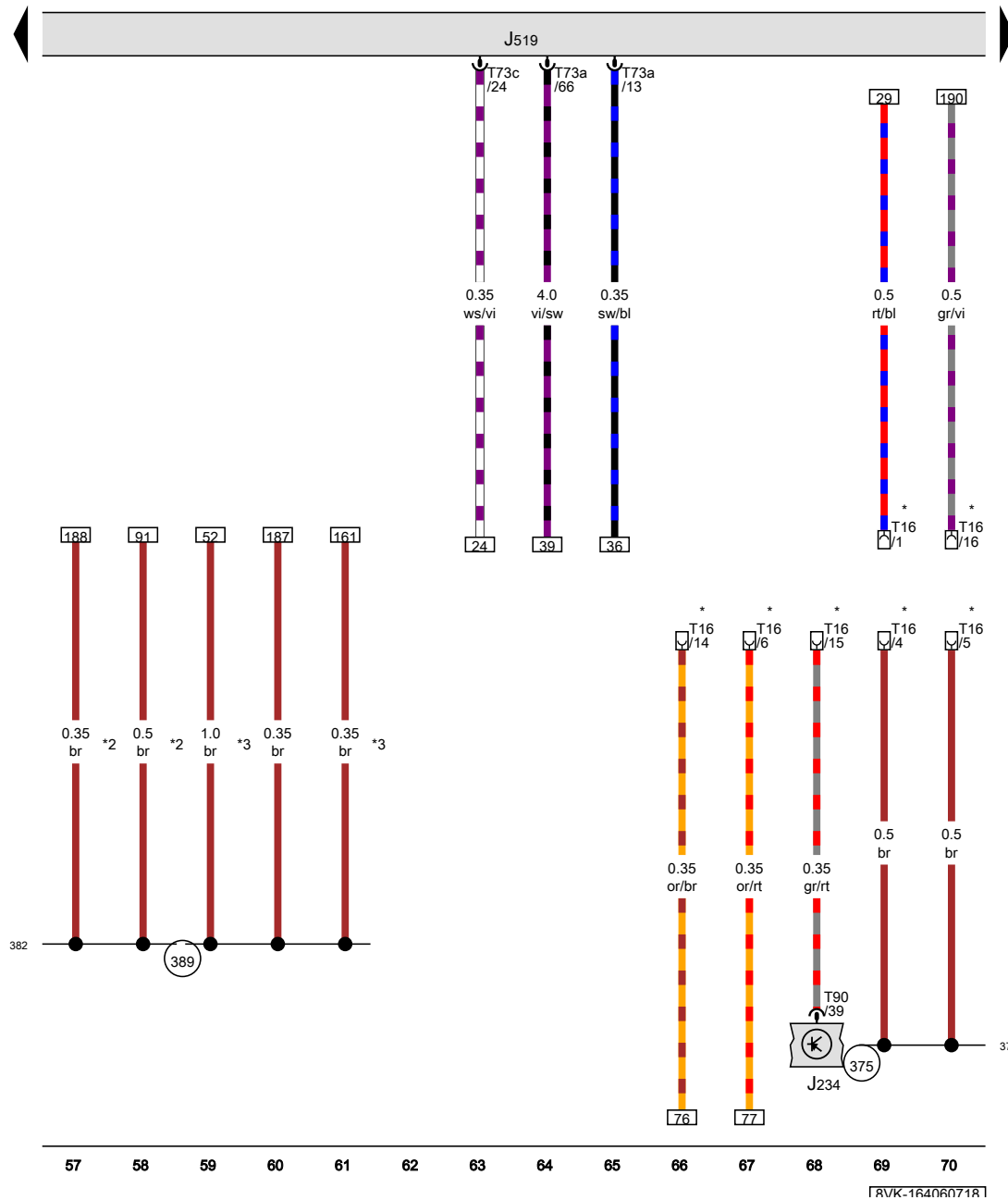
639 Earth point, left A-pillar

* For models with 3 doors

*2 For models with 5 doors

*3 For models with 4 doors

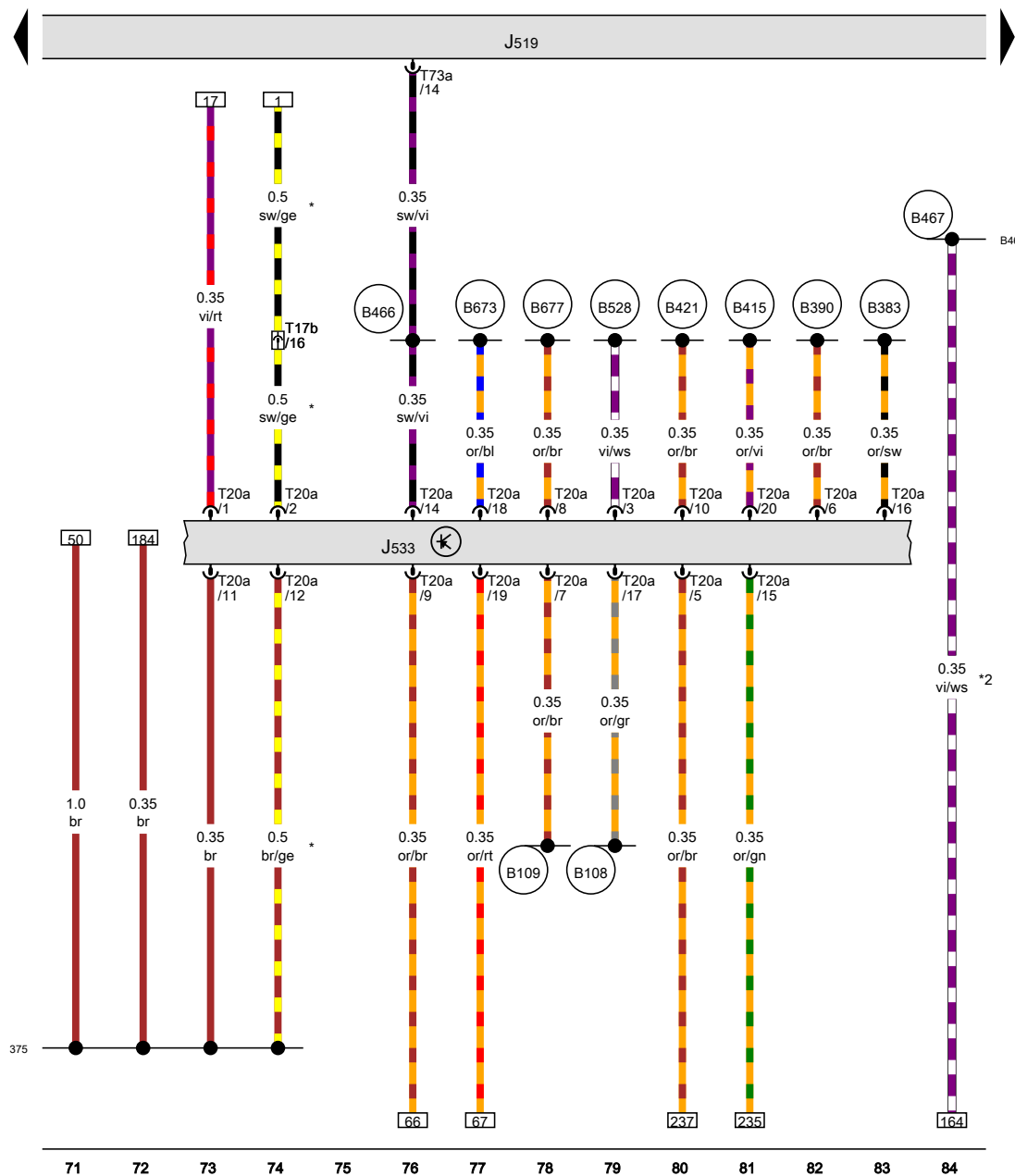
*4 For Cabriolet models



Onboard supply control unit

- J234 Airbag control unit
- J519 Onboard supply control unit
- T16 16-pin connector
- T73a 73-pin connector, black
- T73c 73-pin connector, black
- T90 90-pin connector, yellow

- 375 Earth connection 10, in main wiring harness
- 382 Earth connection 17, in main wiring harness
- 389 Earth connection 24, in main wiring harness
- * Diagnostic connection
- *2 For models with 4 doors
- *3 For Cabriolet models

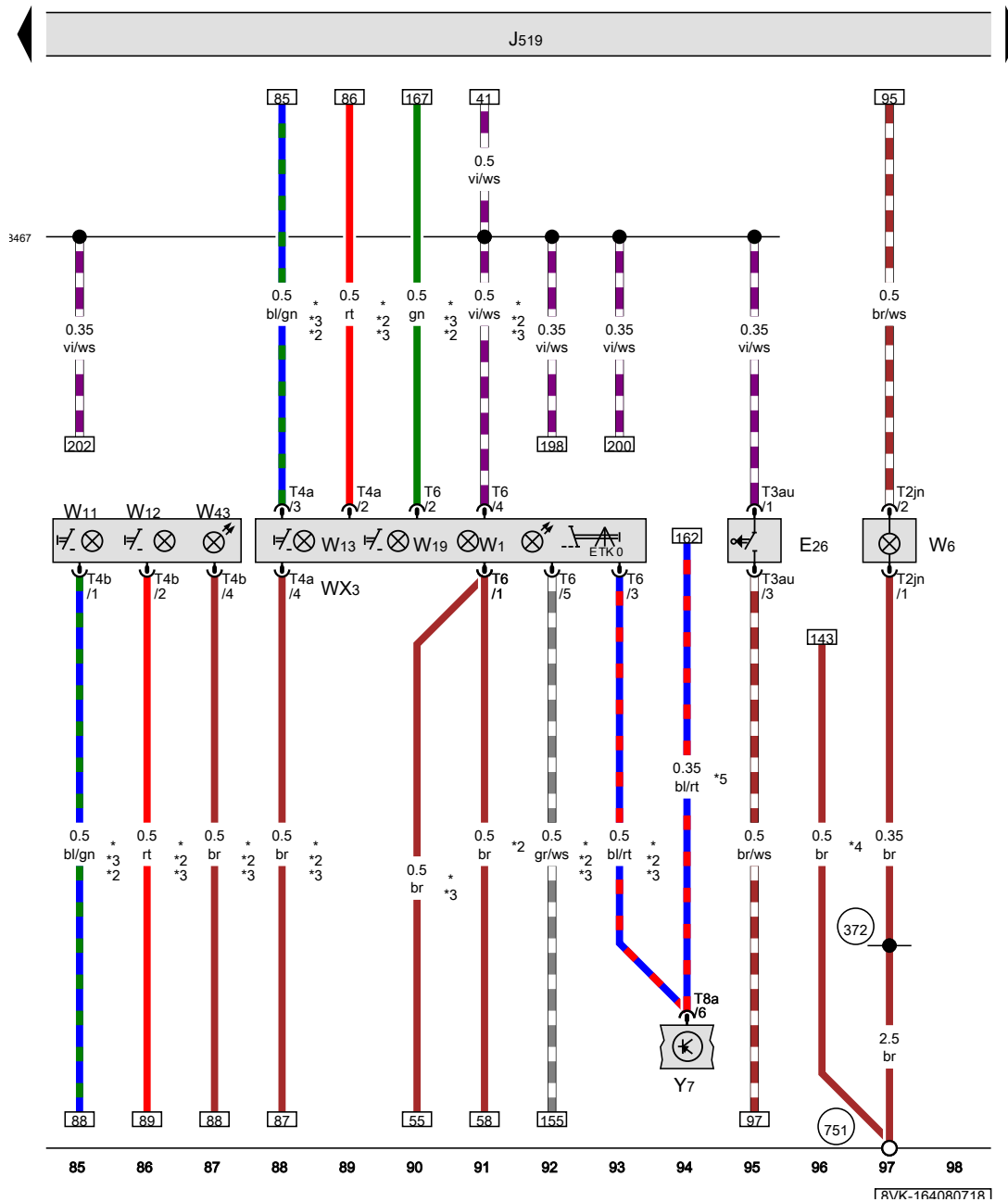


Onboard supply control unit, Data bus diagnostic interface

J519 Onboard supply control unit
 J533 Data bus diagnostic interface
 T17b 17-pin connector, brown
 T20a 20-pin connector, red
 T73a 73-pin connector, black

- 375 Earth connection 10, in main wiring harness
- B108 Connection 1 (CAN bus extended high), in main wiring harness
- B109 Connection 1 (CAN bus extended low), in main wiring harness
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- B415 Connection 1 (infotainment CAN bus, high), in main wiring harness
- B421 Connection 1 (infotainment CAN bus, low), in main wiring harness
- B466 Connection 2, in main wiring harness
- B467 Connection 3, in main wiring harness
- B528 Connection 1 (LIN bus) in main wiring harness
- B673 Connection 2 (running gear/dash panel insert CAN bus, high), in main wiring harness
- B677 Connection 2 (running gear/dash panel insert CAN bus, low), in main wiring harness

* For models with no start/stop system
 *2 For Cabriolet models



Glove compartment light switch, Onboard supply control unit, Front roof module, Glove compartment light, Rear interior light

- E26 Glove compartment light switch
- J519 Onboard supply control unit
- T2jn 2-pin connector, white
- T3au 3-pin connector, black
- T4a 4-pin connector
- T4b 4-pin connector
- T6 6-pin connector, black
- T8a 8-pin connector, black
- W1 Front interior light
- WX3 Front roof module
- W6 Glove compartment light
- W11 Rear left reading light
- W12 Rear right reading light
- W13 Front passenger reading light
- W19 Driver side reading light
- W43 Rear interior light
- Y7 Automatic anti-dazzle interior mirror

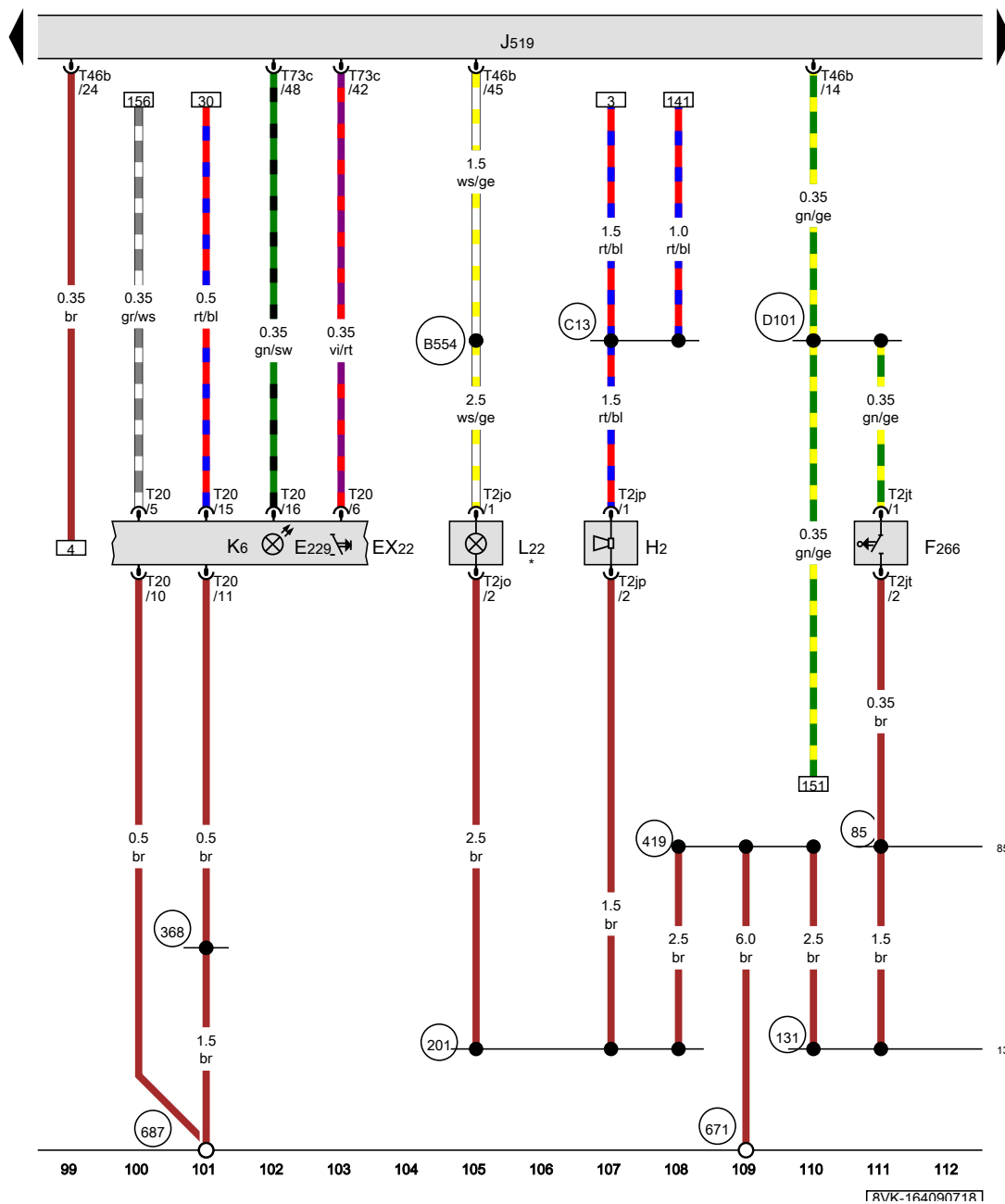
372 Earth connection 7, in main wiring harness

751 Earth point 2, on right A-pillar

B467 Connection 3, in main wiring harness

- * For models with 3 doors
- *2 For models with 4 doors
- *3 For models with 5 doors
- *4 For RS 3 models
- *5 For Cabriolet models

ws = white
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 ro = red
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 br = brown
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 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



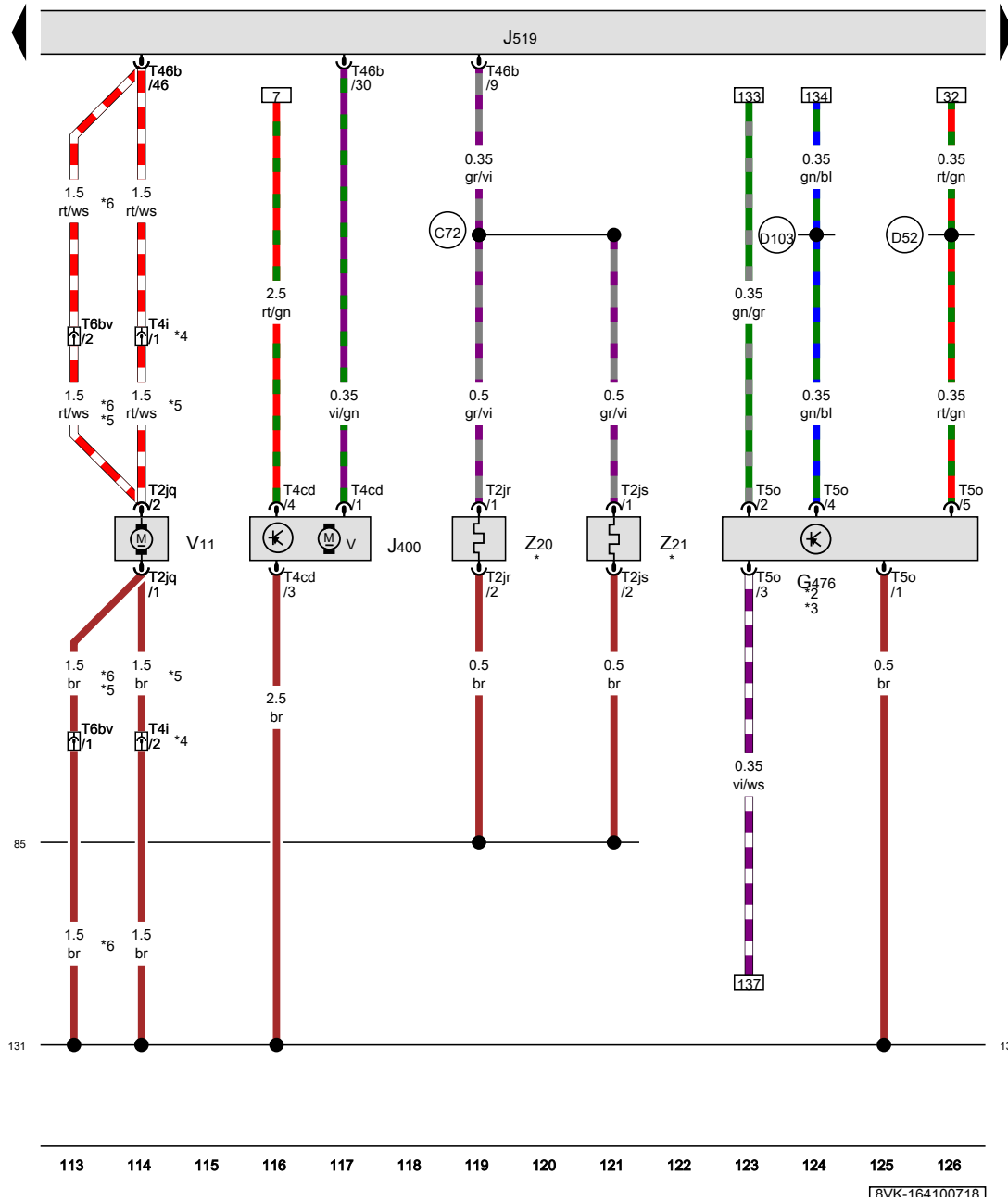
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Centre switch module in dash panel, Hazard warning lights button, Bonnet contact switch, Treble horn, Onboard supply control unit, Left fog light bulb

EX22 Centre switch module in dash panel
 E229 Hazard warning lights button
 F266 Bonnet contact switch
 H2 Treble horn
 J519 Onboard supply control unit
 K6 Indicator lamp for hazard warning light
 L22 Left fog light bulb
 T2jo 2-pin connector, black
 T2jp 2-pin connector, black
 T2jt 2-pin connector, black
 T20 20-pin connector, red
 T46b 46-pin connector, black
 T73c 73-pin connector, black

85 Earth connection 1, in engine compartment wiring harness
 131 Earth connection 2, in engine compartment wiring harness
 201 Earth connection 5, in engine compartment wiring harness
 368 Earth connection 3, in main wiring harness
 419 Earth connection 11, in engine compartment wiring harness
 671 Earth point 1, on front of left longitudinal member
 687 Earth point 1, on centre tunnel
 B554 Connection (fog light), in main wiring harness
 C13 Positive connection in dual tone horn wiring harness
 D101 Connection 1 in engine compartment wiring harness

* For models with fog lights



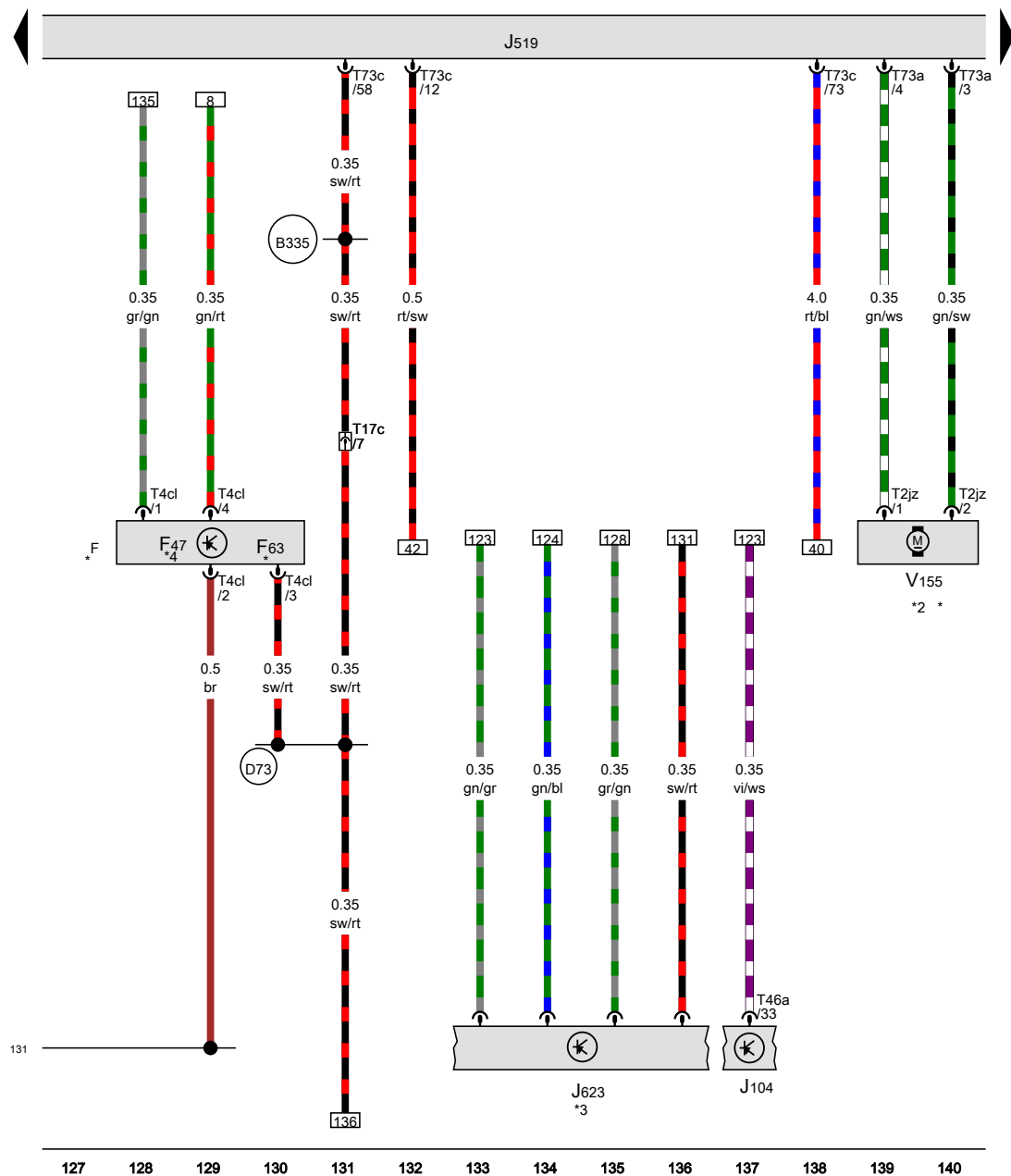
Clutch position sender, Wiper motor control unit, Onboard supply control unit, Windscreen wiper motor, Headlight washer system pump, Left washer jet heater element, Right washer jet heater element

- G476 Clutch position sender
- J400 Wiper motor control unit
- J519 Onboard supply control unit
- T2jq 2-pin connector, black
- T2jr 2-pin connector, black
- T2js 2-pin connector, black
- T4cd 4-pin connector, black
- T4i 4-pin connector, black
- T50 5-pin connector, black
- T6bv 6-pin connector, black
- T46b 46-pin connector, black
- V Windscreen wiper motor
- V11 Headlight washer system pump
- Z20 Left washer jet heater element
- Z21 Right washer jet heater element

- 85 Earth connection 1, in engine compartment wiring harness
- 131 Earth connection 2, in engine compartment wiring harness
- C72 Positive connection in heated washer jet wiring harness
- D52 Positive connection (15a), in engine compartment wiring harness
- D103 Connection 3 in engine compartment wiring harness

- * For models with heater element for washer jets
- *2 For models with manual gearbox
- *3 For models with no hybrid drive system
- *4 According to equipment
- *5 Wiring colour depends on equipment
- *6 For RS 3 models

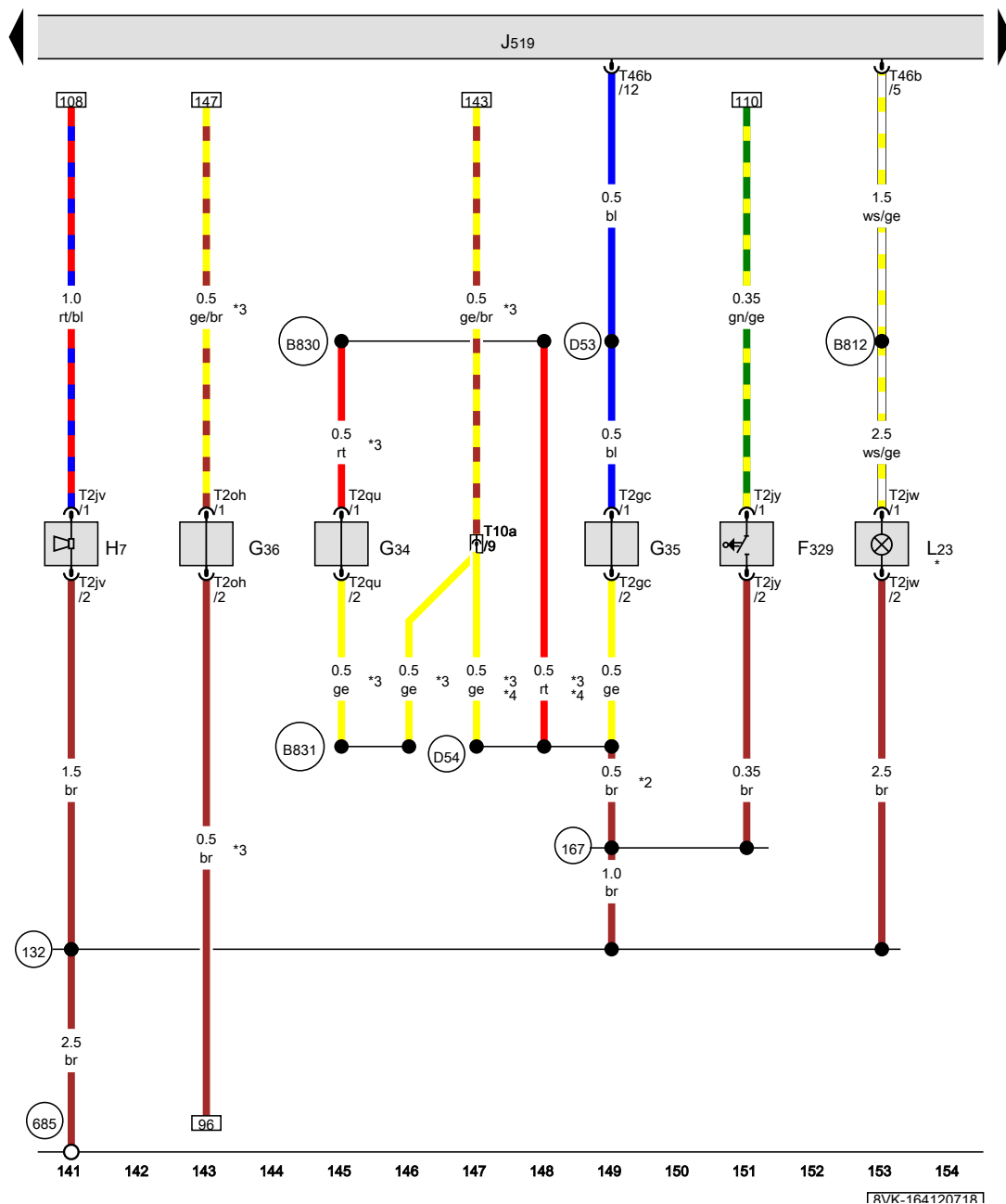
ws = white
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 rt = red
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 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



Brake light switch, Onboard supply control unit, Tank filler flap locking motor

- F Brake light switch
- F47 Brake pedal switch
- F63 Brake pedal switch
- J104 ABS control unit
- J519 Onboard supply control unit
- J623 Engine/motor control unit
- T2jz 2-pin connector, black
- T4cl 4-pin connector, black
- T17c 17-pin connector, red
- T46a 46-pin connector
- T73a 73-pin connector, black
- T73c 73-pin connector, black
- V155 Tank filler flap locking motor
- 131 Earth connection 2, in engine compartment wiring harness
- B335 Connection 1 (54), in main wiring harness
- D73 Positive connection (54), in engine compartment wiring harness
- * For models with no hybrid drive system
- *2 see applicable current flow diagram for high-voltage system
- *3 see applicable current flow diagram for engine
- *4 According to equipment

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

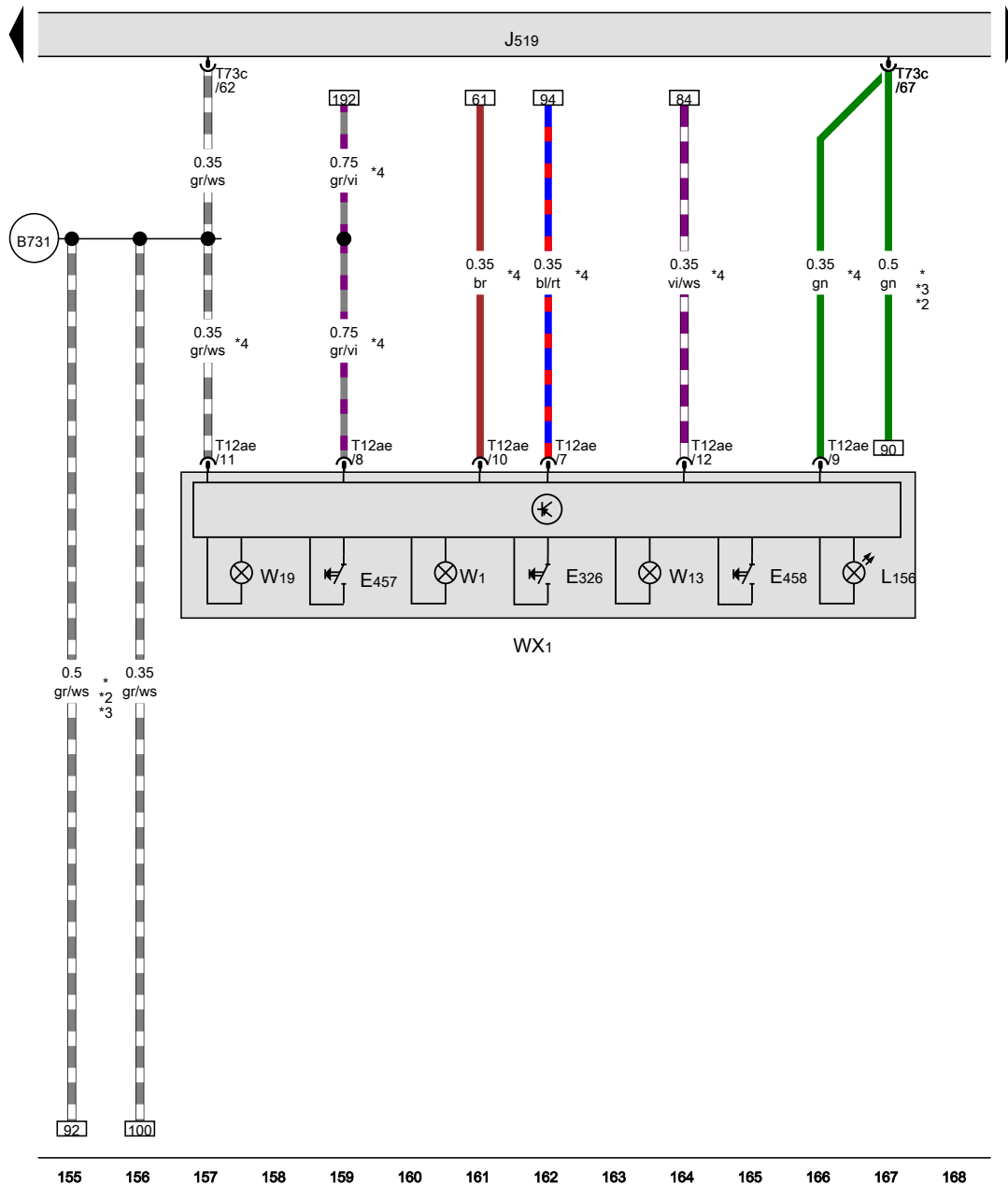


Bonnet contact switch 2, Front left brake pad wear sender, Front right brake pad wear sender, Bass horn, Onboard supply control unit, Right fog light bulb

- F329 Bonnet contact switch 2
- G34 Front left brake pad wear sender
- G35 Front right brake pad wear sender
- G36 Rear left brake pad wear sender
- H7 Bass horn
- J519 Onboard supply control unit
- L23 Right fog light bulb
- T2gc 2-pin connector
- T2jv 2-pin connector, black
- T2jw 2-pin connector, black
- T2jy 2-pin connector, black
- T2oh 2-pin connector, black
- T2qu 2-pin connector
- T10a 10-pin connector, white
- T46b 46-pin connector, black

- 132 Earth connection 3, in engine compartment wiring harness
- 167 Earth connection 4, in engine compartment wiring harness
- 685 Earth point 1, on front of right longitudinal member
- B812 Connection 2 (fog light), in main wiring harness
- B830 Connection 5 (brake pad wear indicator), in main wiring harness
- B831 Connection 6 (brake pad wear indicator), in main wiring harness
- D53 Connection (right brake wear indicator), in engine compartment wiring harness
- D54 Connection (right brake wear indicator), in engine compartment wiring harness
- * For models with fog lights
- *2 Not for RS 3 models
- *3 For RS 3 models
- *4 According to equipment

Onboard supply control unit, Front interior light

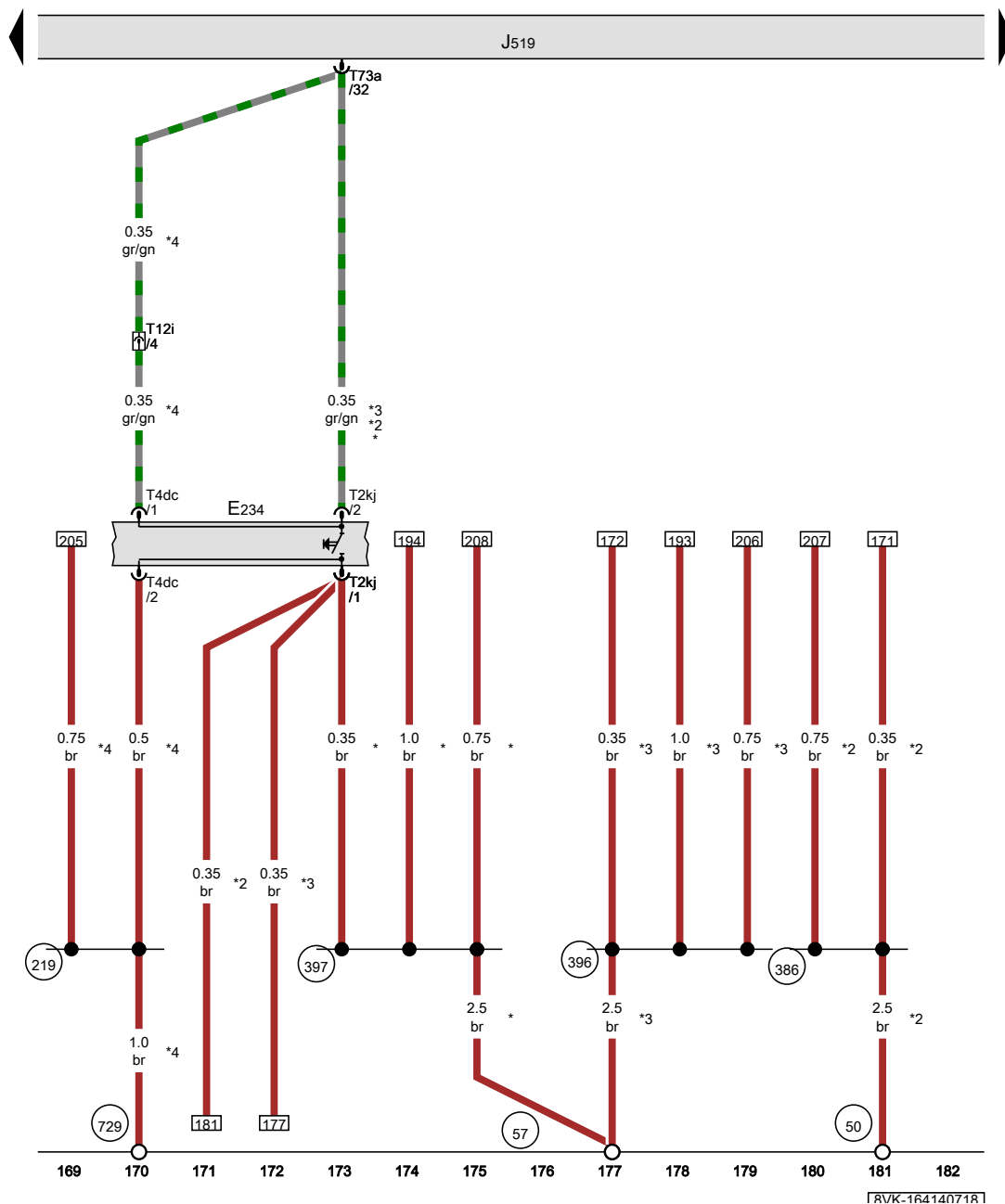


- E326 Front interior light button
- E457 Driver side reading light button
- E458 Front passenger side reading light button
- J519 Onboard supply control unit
- L156 Switch illumination bulb
- T12ae 12-pin connector, black
- T73c 73-pin connector, black
- WX1 Front interior light
- W1 Front interior light
- W13 Front passenger reading light
- W19 Driver side reading light

B731 Connection 1 (58s), in main wiring harness

- * For models with 3 doors
- *2 For models with 4 doors
- *3 For models with 5 doors
- *4 For Cabriolet models

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
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Rear lid handle release button, Onboard supply control unit

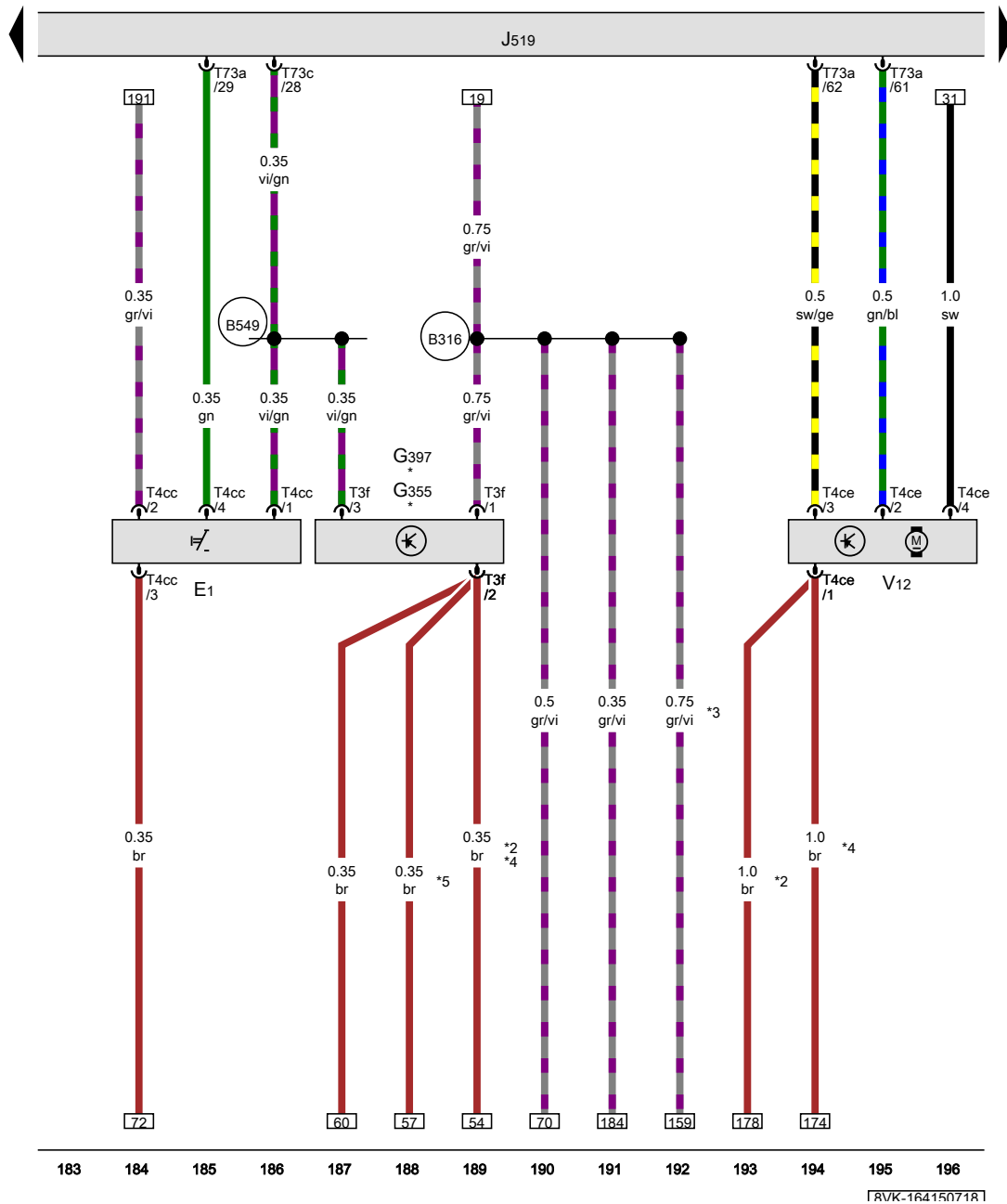
- E234 Rear lid handle release button
- J519 Onboard supply control unit
- T2kj 2-pin connector, black
- T4dc 4-pin connector, black
- T12i 12-pin connector, black
- T73a 73-pin connector, black

- 50 Earth point, on left in luggage compartment
- 57 Earth point, rear left pillar
- 219 Earth connection 2, in rear lid wiring harness
- 386 Earth connection 21, in main wiring harness
- 396 Earth connection 31, in main wiring harness
- 397 Earth connection 32, in main wiring harness
- 729 Earth point, on left rear wheel housing

- * For models with 5 doors
- *2 For models with 4 doors
- *3 For models with 3 doors
- *4 For Cabriolet models

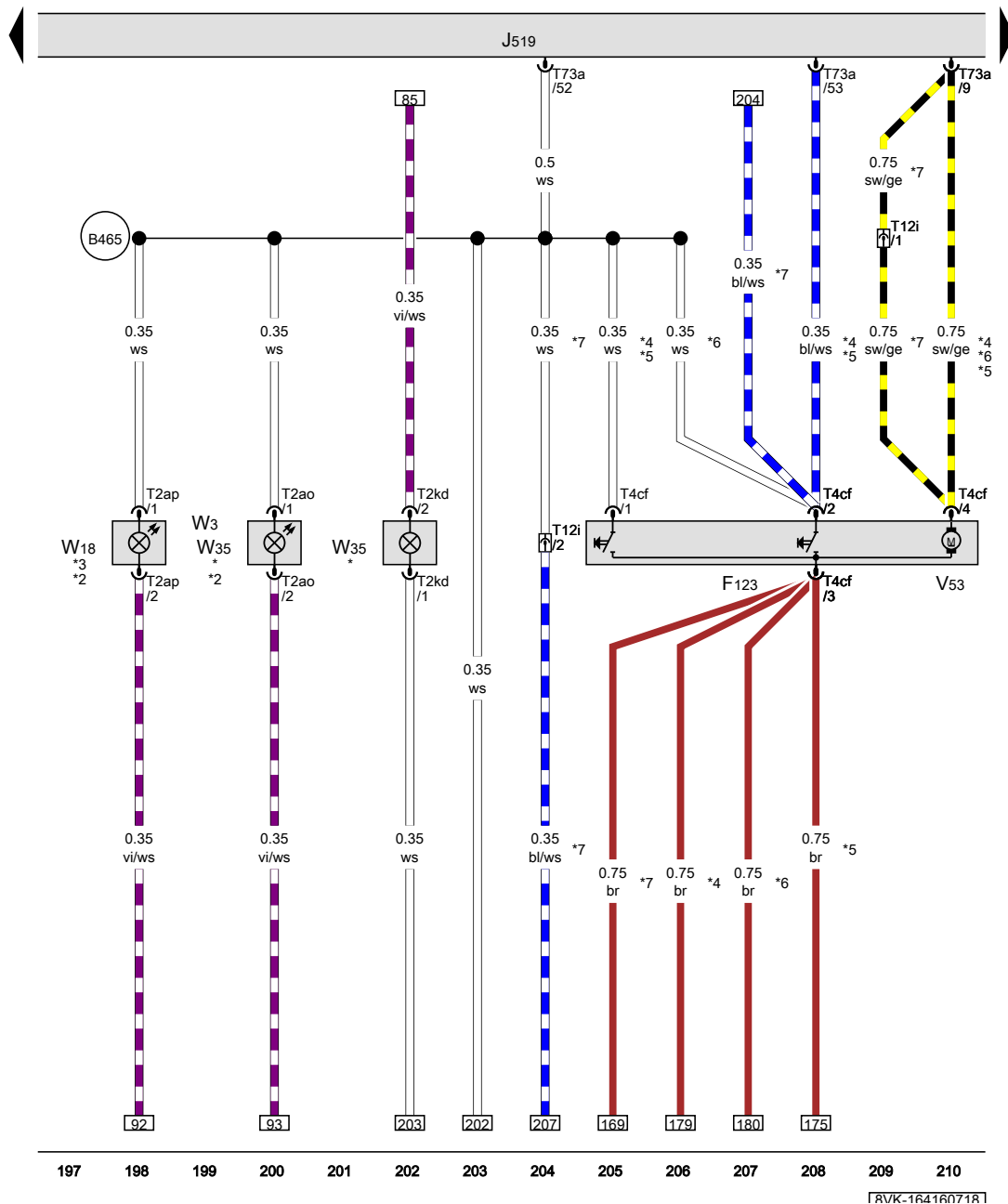
- ws = white
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- rs = pink

Light switch, Rain and light sensor, Onboard supply control unit, Rear window wiper motor



- E1 Light switch
- G355 Humidity sender
- G397 Rain and light sensor
- J519 Onboard supply control unit
- T3f 3-pin connector, black
- T4cc 4-pin connector, black
- T4ce 4-pin connector
- T73a 73-pin connector, black
- T73c 73-pin connector, black
- V12 Rear window wiper motor
- B316 Positive connection 2 (30a) in main wiring harness
- B549 Connection 2 (LIN bus) in main wiring harness
- * According to equipment
- *2 For models with 3 doors
- *3 For Cabriolet models
- *4 For models with 5 doors
- *5 For models with 4 doors

Rear lid contact switch for anti-theft alarm, Onboard supply control unit, Rear lid central locking motor

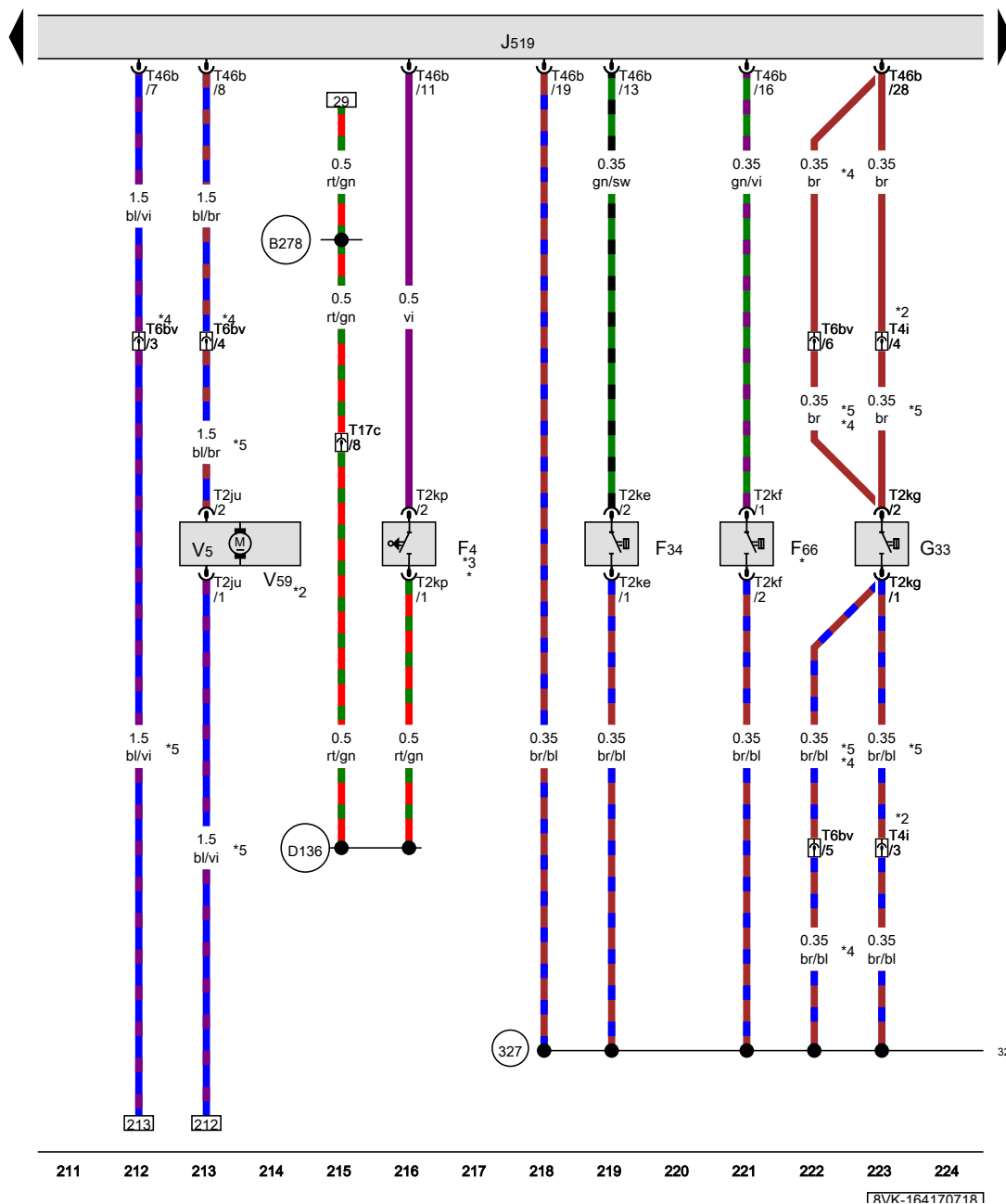


- F123 Rear lid contact switch for anti-theft alarm
- J519 Onboard supply control unit
- T2ao 2-pin connector
- T2ap 2-pin connector
- T2kd 2-pin connector
- T4cf 4-pin connector, black
- T12i 12-pin connector, black
- T73a 73-pin connector, black
- V53 Rear lid central locking motor
- W3 Luggage compartment light
- W18 Left luggage compartment light
- W35 Right luggage compartment light

B465 Connection 1, in main wiring harness

- * According to equipment
- *2 Pre-wired component
- *3 If fitted
- *4 For models with 3 doors
- *5 For models with 5 doors
- *6 For models with 4 doors
- *7 For Cabriolet models

- ws = white
- sw = black
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- gr = grey
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- vi = purple
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Reversing light switch, Brake fluid level warning contact, Coolant shortage indicator switch, Windscreen washer fluid level sender, Onboard supply control unit, Windscreen and rear window washer pump

- F4 Reversing light switch
- F34 Brake fluid level warning contact
- F66 Coolant shortage indicator switch
- G33 Windscreen washer fluid level sender
- J519 Onboard supply control unit
- T2ju 2-pin connector
- T2ke 2-pin connector, black
- T2kf 2-pin connector, black
- T2kg 2-pin connector, black
- T2kp 2-pin connector, black
- T4i 4-pin connector, black
- T6bv 6-pin connector, black
- T17c 17-pin connector, red
- T46b 46-pin connector, black
- V5 Washer pump
- V59 Windscreen and rear window washer pump

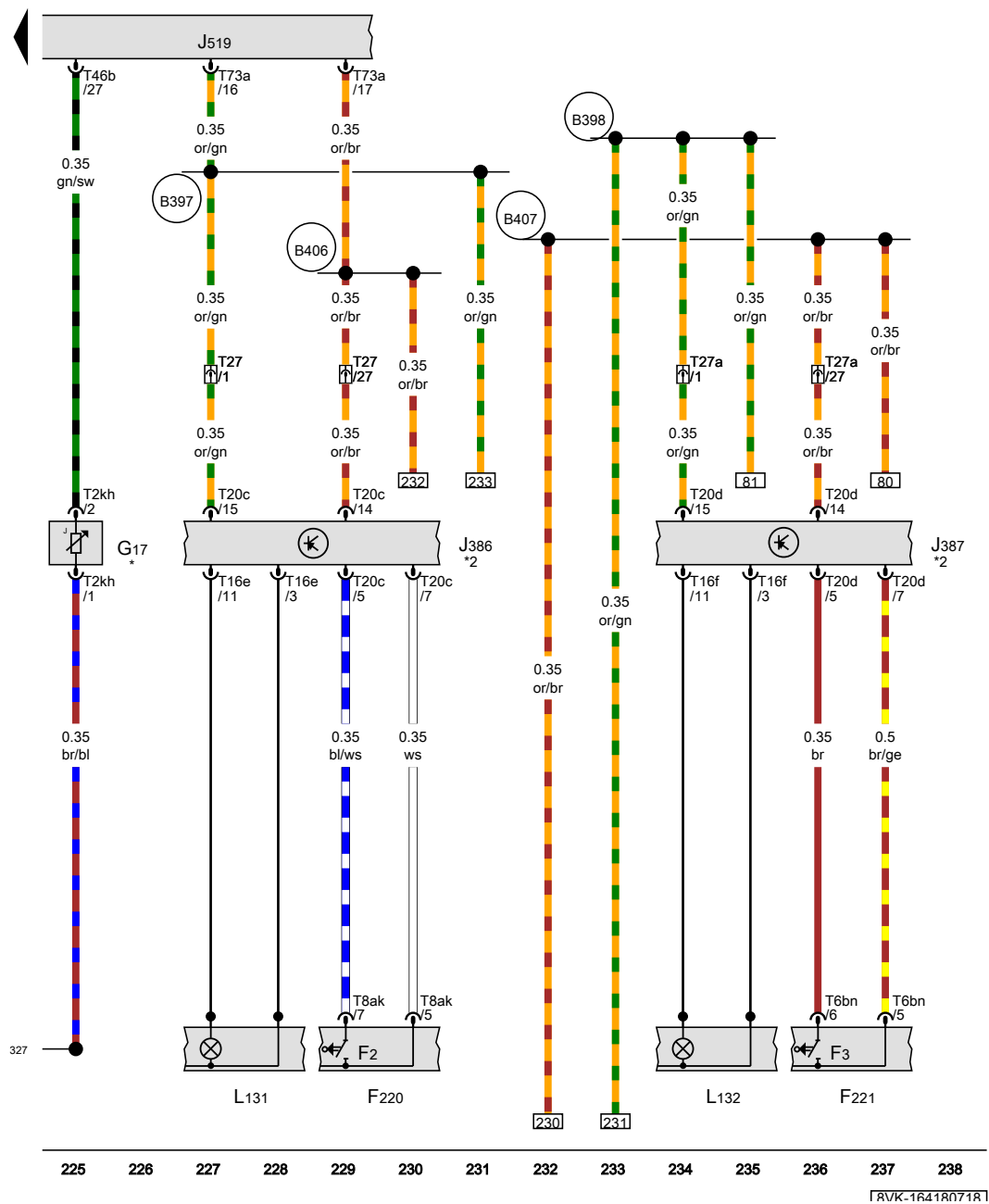
327 Earth connection (sender earth), in engine compartment wiring harness

B278 Positive connection 2 (15a) in main wiring harness

D136 Positive connection 2 (15a), in engine compartment wiring harness

- * For models with no hybrid drive system
- *2 According to equipment
- *3 For models with manual gearbox
- *4 For RS 3 models
- *5 Wiring colour depends on equipment

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Driver side central locking lock unit, Front passenger side central locking lock unit, Ambient temperature sensor, Driver door control unit, Front passenger door control unit, Onboard supply control unit, Driver side turn signal repeater bulb, Front passenger side turn signal repeater bulb

- F2 Driver door contact switch
- F3 Front passenger door contact switch
- F220 Driver side central locking lock unit
- F221 Front passenger side central locking lock unit
- G17 Ambient temperature sensor
- J386 Driver door control unit
- J387 Front passenger door control unit
- J519 Onboard supply control unit
- L131 Driver side turn signal repeater bulb
- L132 Front passenger side turn signal repeater bulb
- T2kh 2-pin connector, black
- T6bn 6-pin connector
- T8ak 8-pin connector
- T16e 16-pin connector
- T16f 16-pin connector
- T20c 20-pin connector, black
- T20d 20-pin connector, black
- T27 27-pin connector, on left A-pillar, black
- T27a 27-pin connector, on right A-pillar, black
- T46b 46-pin connector, black
- T73a 73-pin connector, black

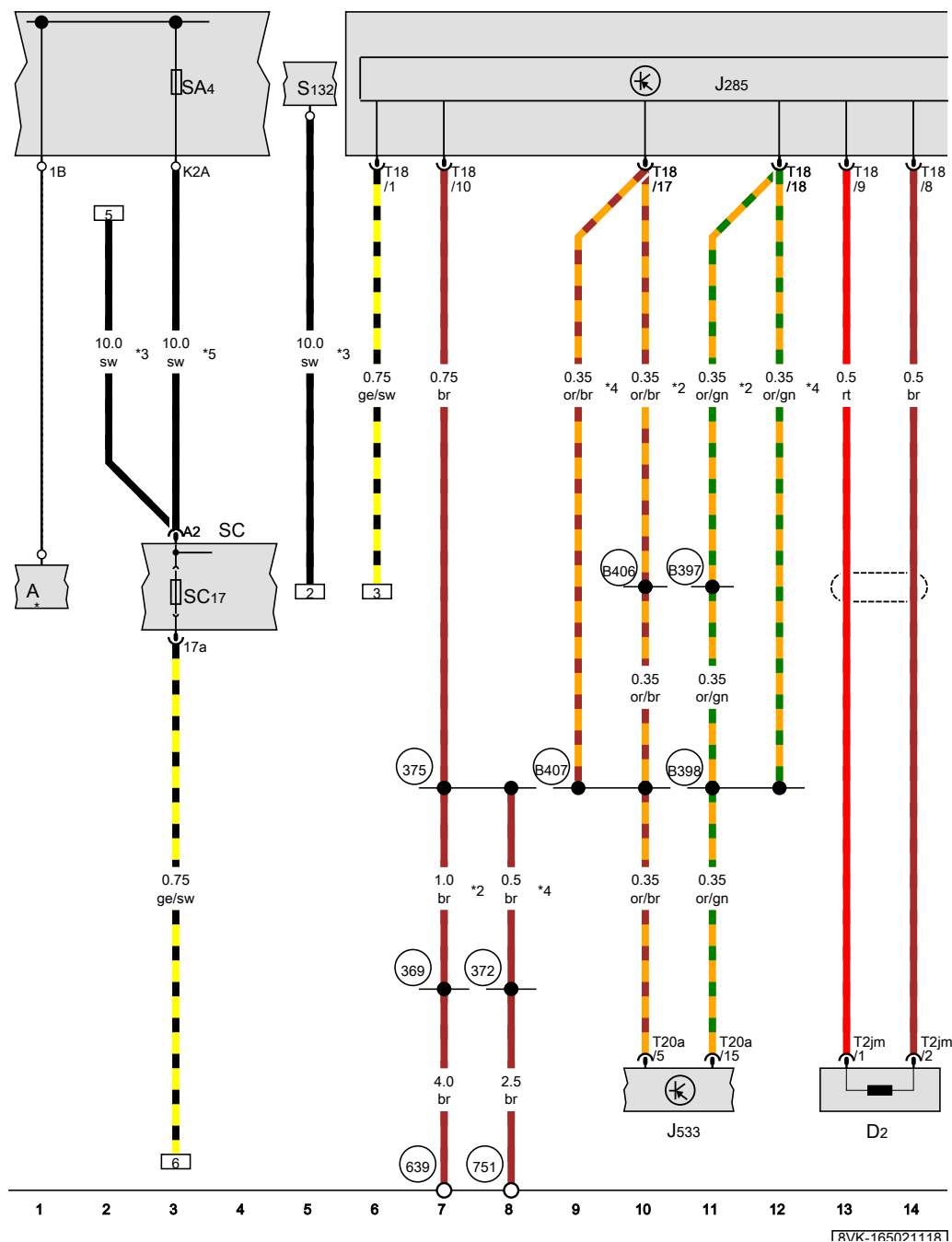
- 327 Earth connection (sender earth), in engine compartment wiring harness
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness

- * According to equipment
- *2 see applicable current flow diagram for convenience system

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
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Dash panel insert , (9S4),(9S5),(9S6)

From March 2012

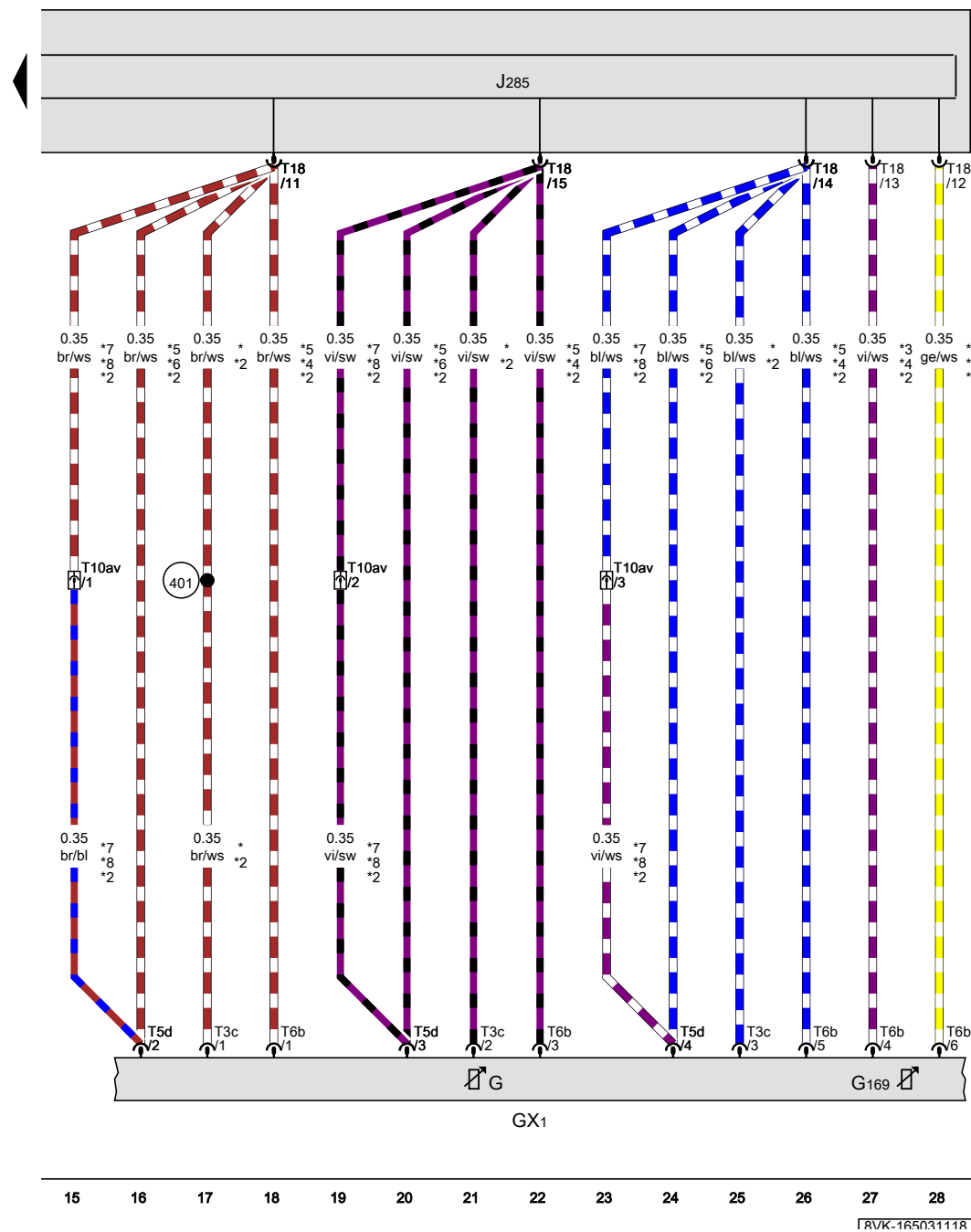


Control unit in dash panel insert, Data bus diagnostic interface, Fuse holder C

- A Battery
- D2 Immobiliser reader coil
- J285 Control unit in dash panel insert
- J533 Data bus diagnostic interface
- SA4 Fuse 4 on fuse holder A
- SC Fuse holder C
- SC17 Fuse 17 on fuse holder C
- S132 Fuse 2
- T2jm 2-pin connector, black
- T18 18-pin connector, black
- T20a 20-pin connector, red

- 369 Earth connection 4, in main wiring harness
- 372 Earth connection 7, in main wiring harness
- 375 Earth connection 10, in main wiring harness
- 639 Earth point, left A-pillar
- 751 Earth point 2, on right A-pillar
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness
- * see applicable current flow diagram for battery in engine compartment
- *2 For left-hand drive models
- *3 For RS 3 models
- *4 For right-hand drive models
- *5 Not for RS 3 models

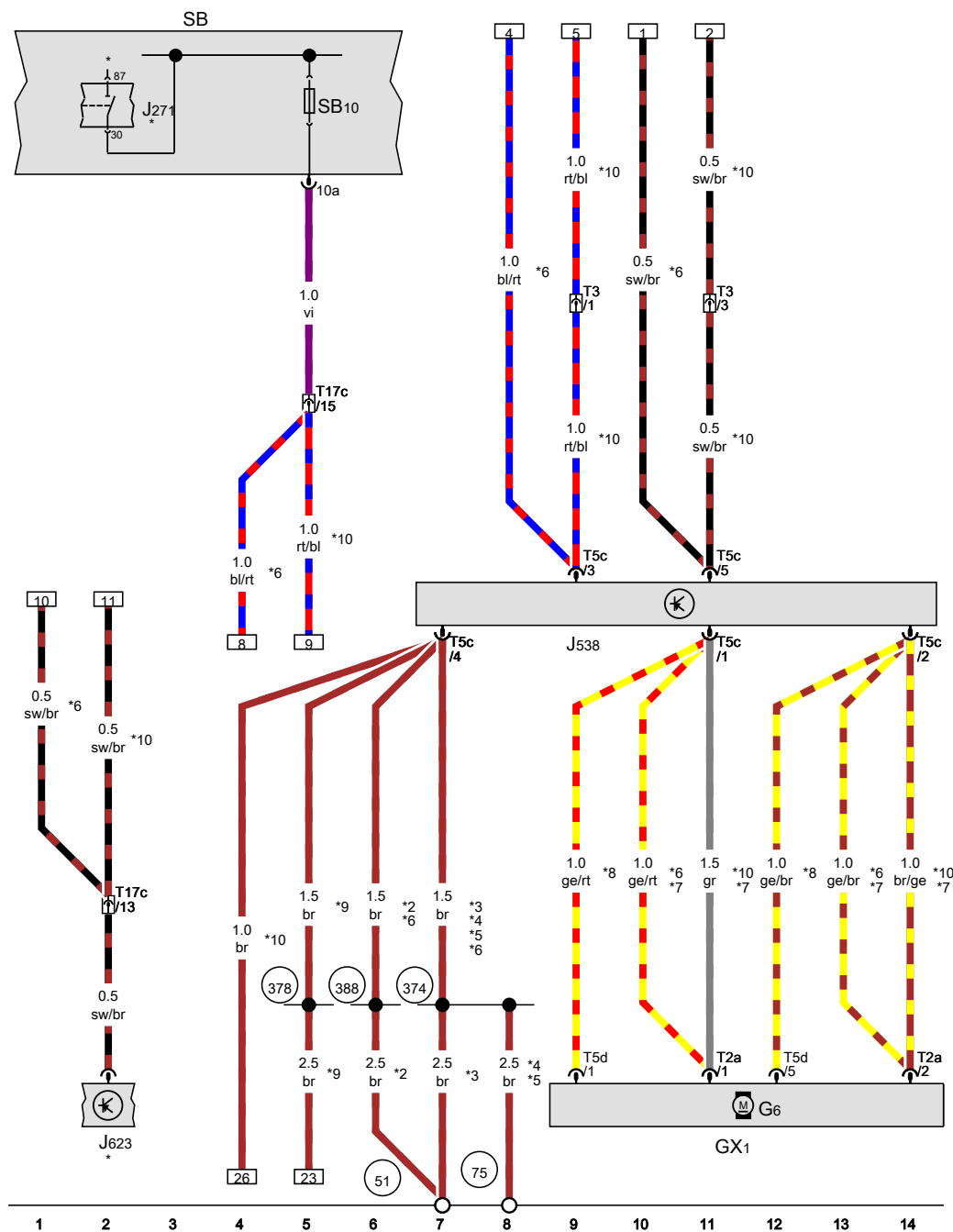
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1RVK-1650311181

Fuel system , (1A5),(1A7),(9S4),(9S5),(9S6)

From March 2012



Fuel delivery unit, Fuel system pressurisation pump, Main relay, Fuel pump control unit

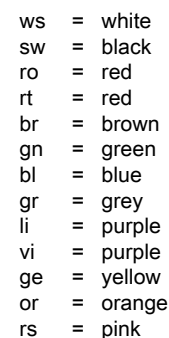
- GX1 Fuel delivery unit
- G6 Fuel system pressurisation pump
- J271 Main relay
- J538 Fuel pump control unit
- J623 Engine/motor control unit
- SB Fuse holder B
- SB10 Fuse 10 on fuse holder B
- T2a 2-pin connector, black
- T3 3-pin connector
- T5c 5-pin connector, black
- T5d 5-pin connector
- T17c 17-pin connector, on lower section of left A-pillar, red

- 51 Earth point, on right in luggage compartment
- 75 Earth point, rear right pillar
- 374 Earth connection 9, in main wiring harness
- 378 Earth connection 13, in main wiring harness
- 388 Earth connection 23, in main wiring harness

- * see applicable current flow diagram for engine
- *2 For Cabriolet models
- *3 For models with 4 doors
- *4 For models with 3 doors
- *5 For models with 5 doors
- *6 For models with no auxiliary heater
- *7 For models with all-wheel drive
- *8 For models with front-wheel drive
- *9 For models with hybrid drive system
- *10 For models with auxiliary heating

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- rt = red
- br = brown
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- ge = yellow
- or = orange
- rs = pink

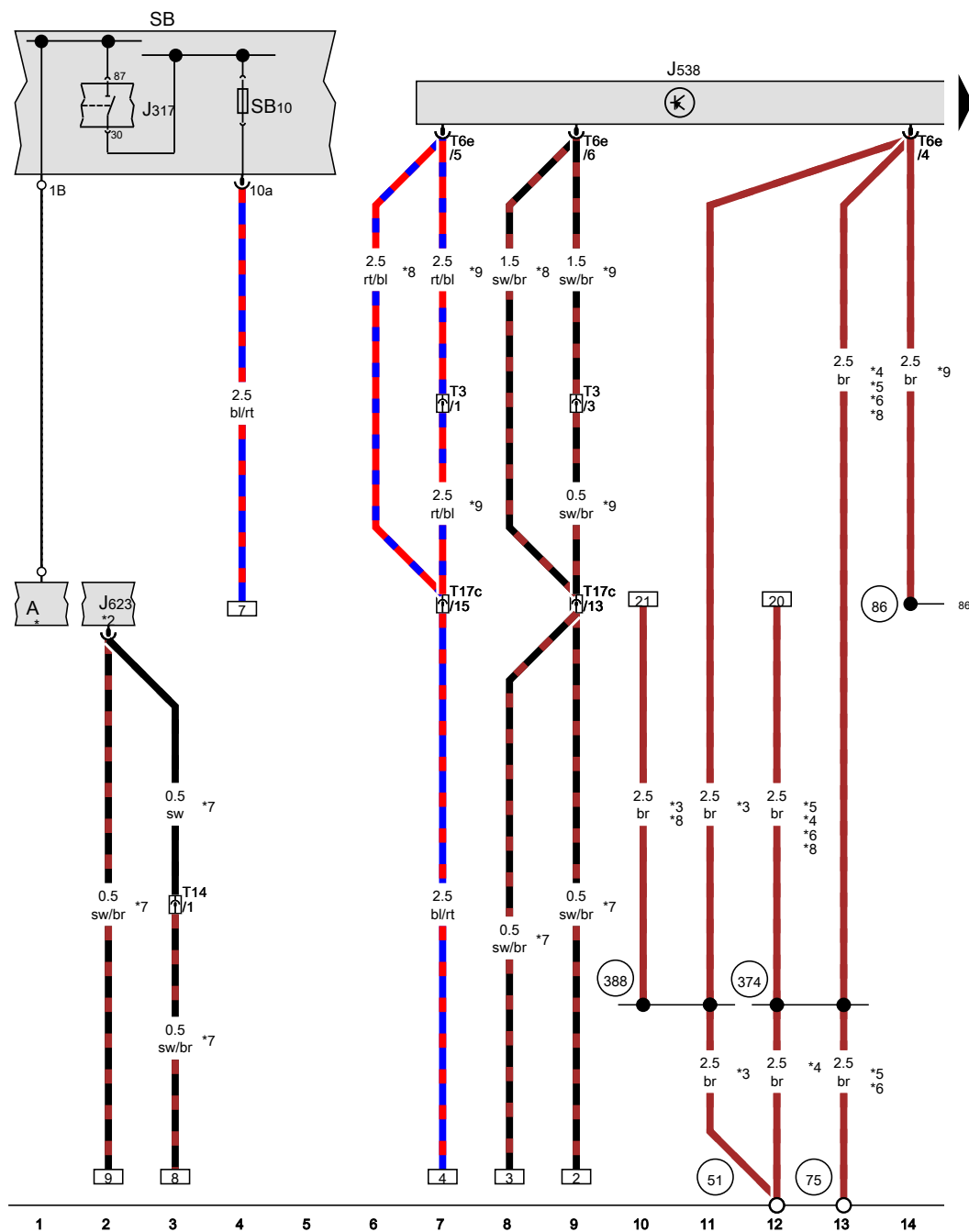
FRVK-1660207191



G	Fuel gauge sender
GX1	Fuel delivery unit
G169	Fuel gauge sender 2
J285	Control unit in dash panel insert
T3	3-pin connector
T5d	5-pin connector
T6b	6-pin connector, black
T18	18-pin connector
57	Earth point, rear left pillar
370	Earth connection 5, in main wiring harness
373	Earth connection 8, in main wiring harness
384	Earth connection 19, in main wiring harness
639	Earth point, left A-pillar
684	Earth point on front of left side member
*	For models with auxiliary heating
*2	For models with 3 doors
*3	For models with 5 doors
*4	For models with 4 doors
*5	For models with all-wheel drive
*6	For models with hybrid drive system
*7	For models with front-wheel drive

Fuel system , (0F5),(1A8),(9S4),(9S5),(9S6)

From March 2012



Terminal 30 voltage supply relay, Fuel pump control unit

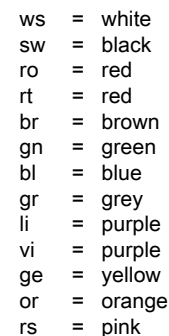
- A Battery
- J317 Terminal 30 voltage supply relay
- J538 Fuel pump control unit
- J623 Engine/motor control unit
- SB Fuse holder B
- SB10 Fuse 10 on fuse holder B
- T3 3-pin connector
- T6e 6-pin connector, black
- T14 14-pin connector
- T17c 17-pin connector, on lower section of left A-pillar, red

- 51 Earth point, on right in luggage compartment
- 75 Earth point, rear right pillar
- 86 Earth connection 1, in rear wiring harness
- 374 Earth connection 9, in main wiring harness
- 388 Earth connection 23, in main wiring harness

- * see applicable current flow diagram for battery in engine compartment
- *2 see applicable current flow diagram for engine
- *3 For Cabriolet models
- *4 For models with 4 doors
- *5 For models with 3 doors
- *6 For models with 5 doors
- *7 According to equipment
- *8 For models with no auxiliary heater
- *9 For models with auxiliary heating

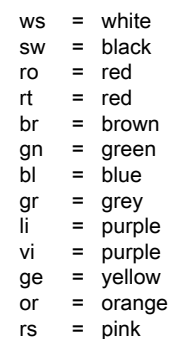
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

FRVK-1670207191



GX1	Fuel delivery unit
G6	Fuel system pressurisation pump
J538	Fuel pump control unit
T3	3-pin connector
T4h	4-pin connector, black
T6e	6-pin connector, black

- 57 Earth point, rear left pillar
 - 86 Earth connection 1, in rear wiring harness
 - 370 Earth connection 5, in main wiring harness
 - 373 Earth connection 8, in main wiring harness
 - 384 Earth connection 19, in main wiring harness
 - 639 Earth point, left A-pillar
 - 684 Earth point on front of left side member
- * For models with auxiliary heating
- *2 For models with 3 doors
- *3 For models with 5 doors
- *4 For models with 4 doors
- *5 For models with no auxiliary heater
- *6 For Cabriolet models

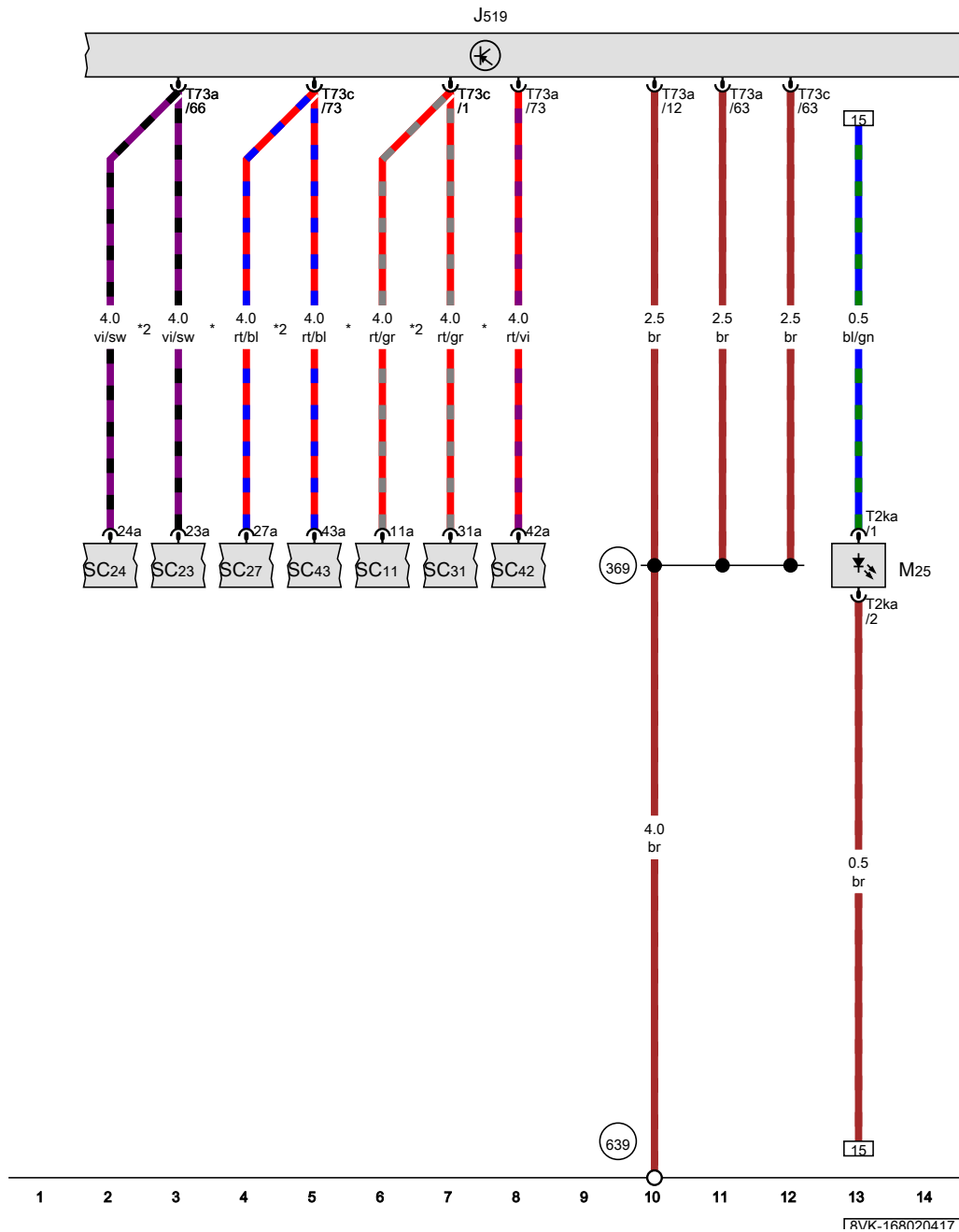


G	Fuel gauge sender
GX1	Fuel delivery unit
G169	Fuel gauge sender 2
J285	Control unit in dash panel insert
T3c	3-pin connector, black
T3cg	3-pin connector
T18	18-pin connector
401	Earth connection (sender earth), in interior wiring harness
*	For models with all-wheel drive
*2	For models with no all-wheel drive

Tail light cluster with LED , (8SP)

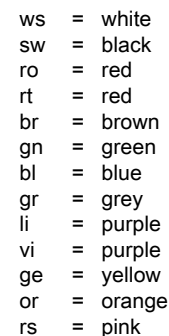
From May 2016

Onboard supply control unit, High-level brake light bulb

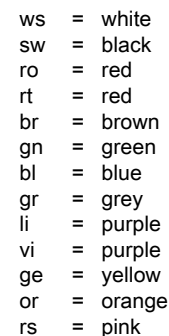


- J519 Onboard supply control unit
- M25 High-level brake light bulb
- SC11 Fuse 11 on fuse holder C
- SC23 Fuse 23 on fuse holder C
- SC24 Fuse 24 on fuse holder C
- SC27 Fuse 27 on fuse holder C
- SC31 Fuse 31 on fuse holder C
- SC42 Fuse 42 on fuse holder C
- SC43 Fuse 43 on fuse holder C
- T2ka 2-pin connector
- T73a 73-pin connector, black
- T73c 73-pin connector, black
- 369 Earth connection 4, in main wiring harness
- 639 Earth point, left A-pillar
- * Up to April 2017
- *2 From May 2017

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



- 57 Earth point, rear left pillar
- 373 Earth connection 8, in main wiring harness
- W6 Connection (left turn signal), in rear wiring harness



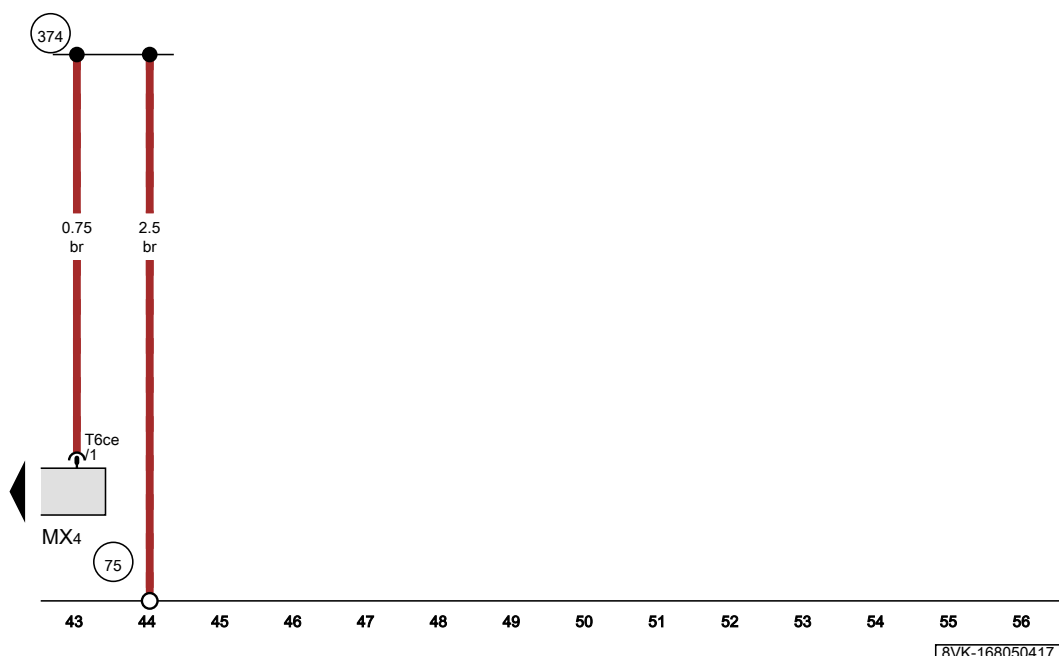
- 396 Earth connection 31, in main wiring harness
- B182 Connection (RL), in interior wiring harness
- W7 Connection (right turn signal), in rear wiring harness
- W70 Positive connection 2 (58), in number plate wiring harness

Right tail light

MX4 Right tail light
T6ce 6-pin connector

75 Earth point, rear right pillar

374 Earth connection 9, in main wiring harness

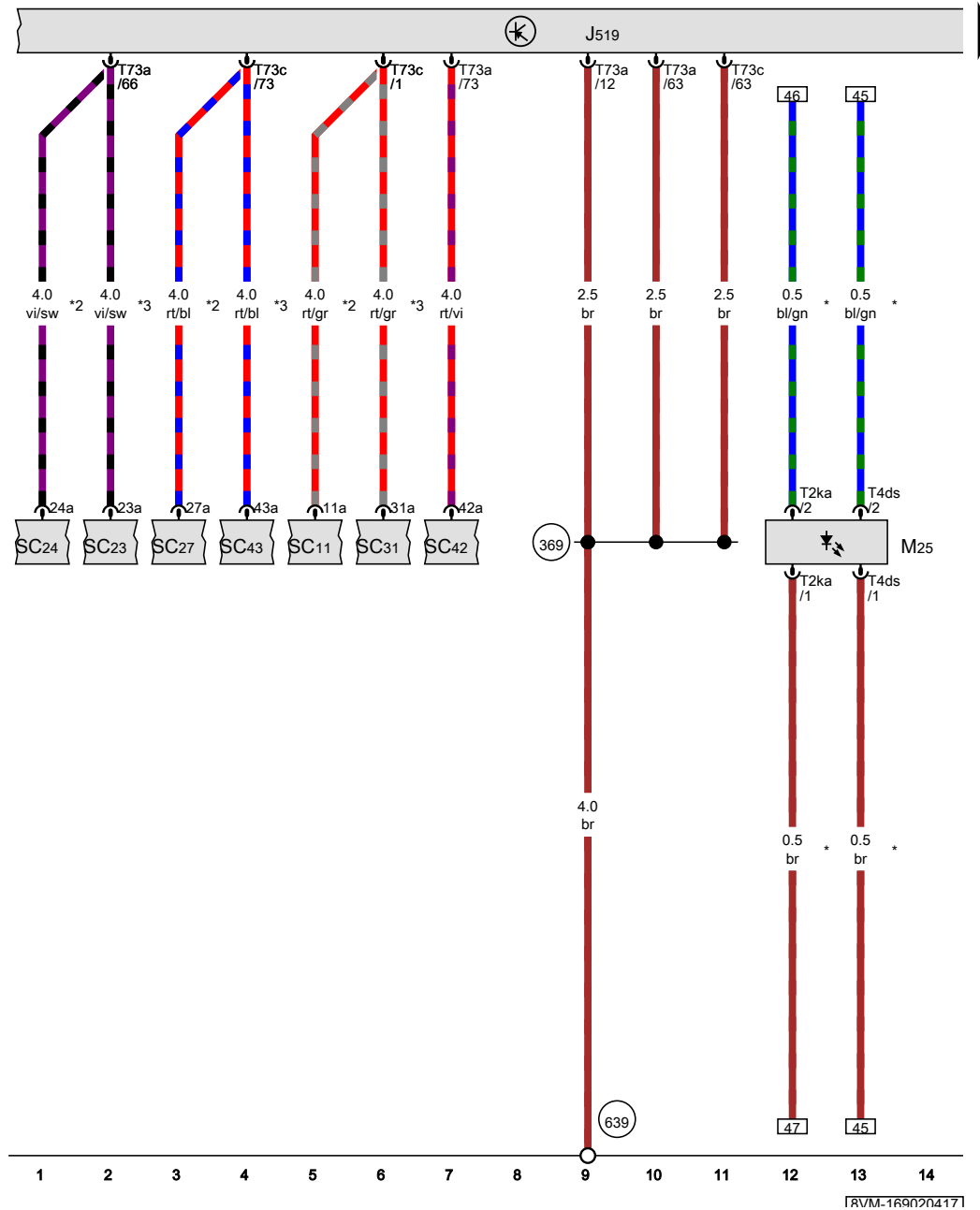


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

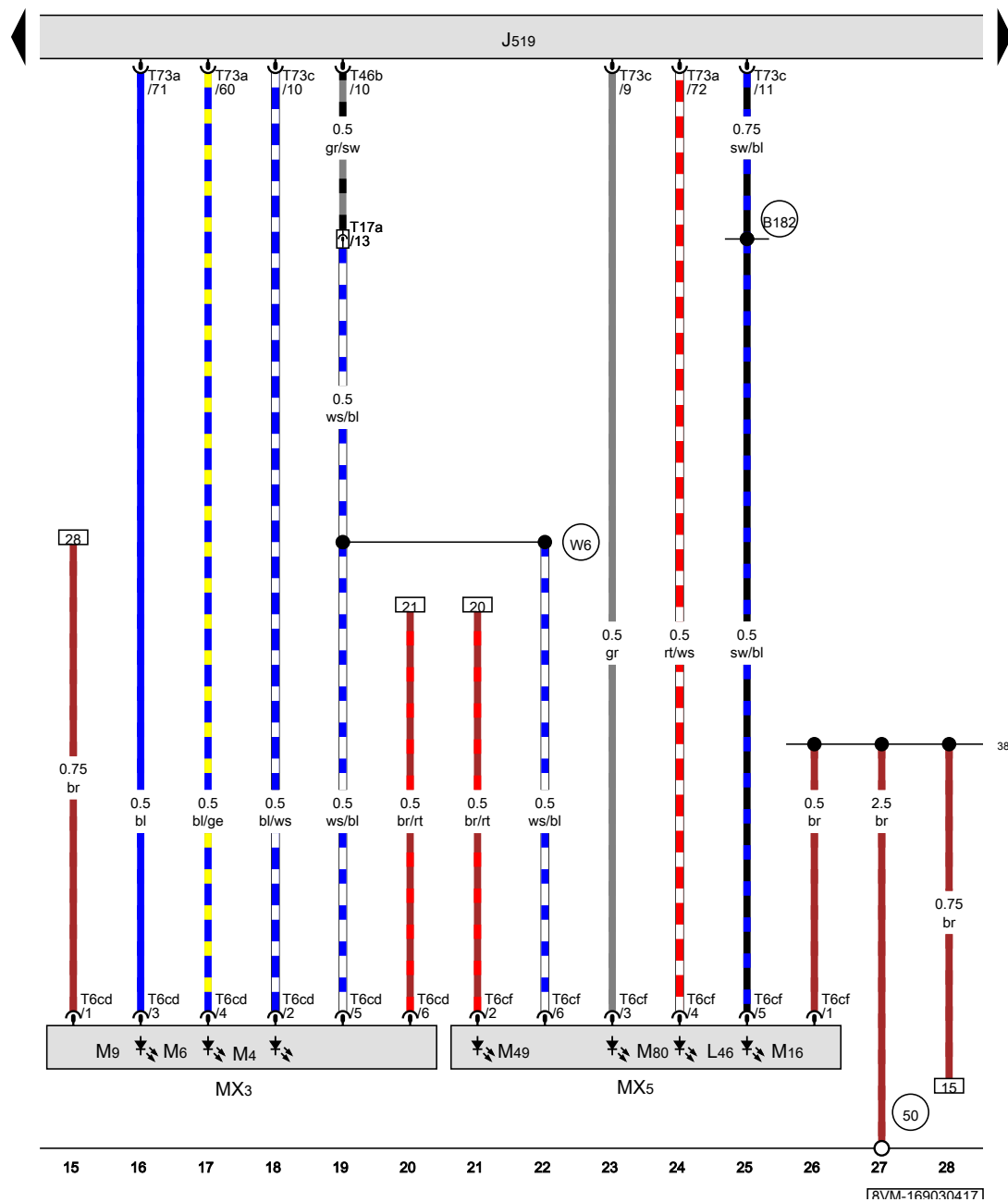
Tail light cluster with LED, 4-door vehicle , (8SK),(8SP)

From May 2016

Onboard supply control unit, High-level brake light bulb

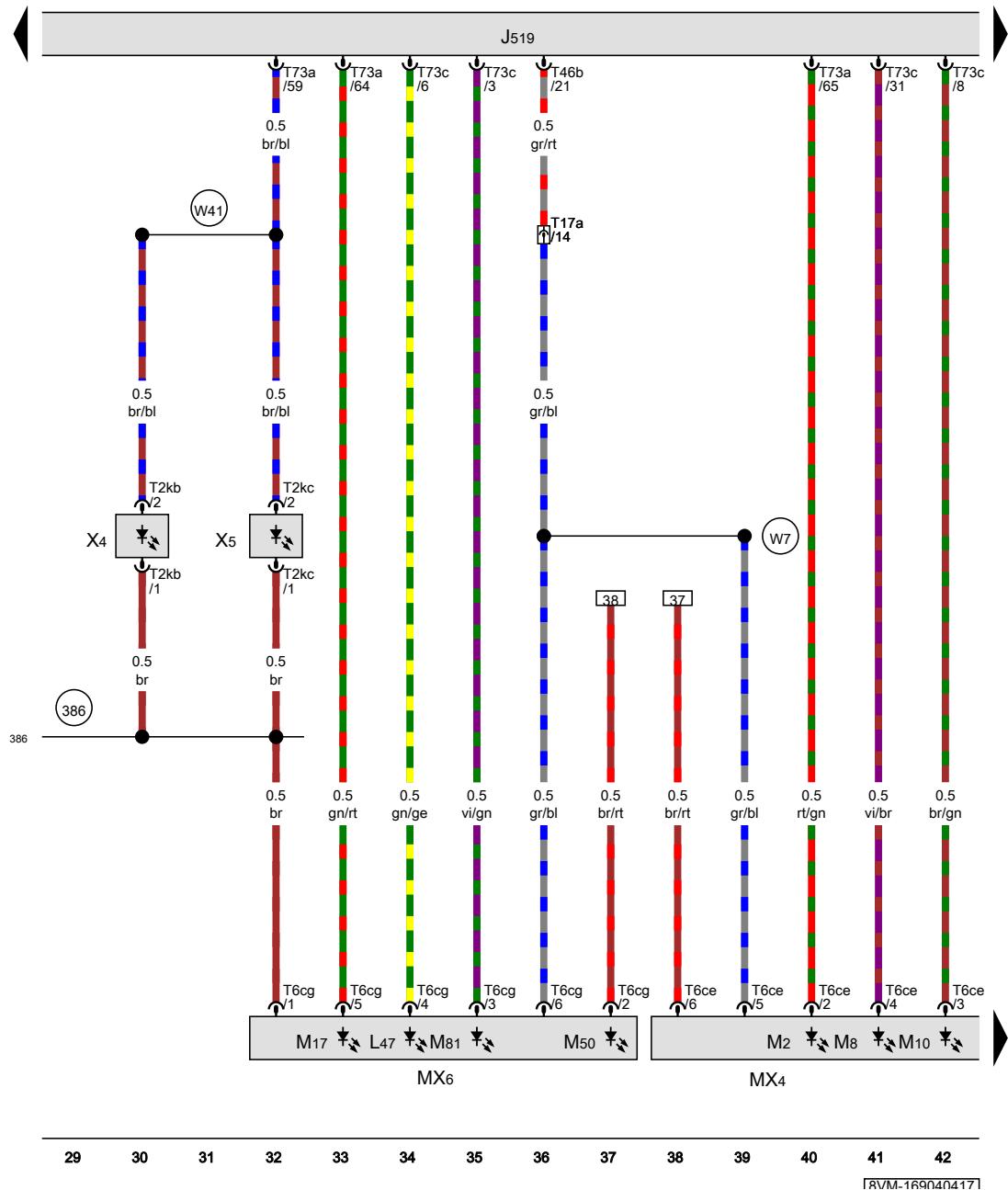


Onboard supply control unit, Left tail light, Left tail light 2



- J519 Onboard supply control unit
- L46 Rear left fog light bulb
- MX3 Left tail light
- M4 Left tail light bulb
- MX5 Left tail light 2
- M6 Rear left turn signal bulb
- M9 Left brake light bulb
- M16 Left reversing light bulb
- M49 Left tail light bulb 2
- M80 Bulb 2 for rear left turn signal
- T6cd 6-pin connector
- T6cf 6-pin connector
- T17a 17-pin connector, black
- T46b 46-pin connector, black
- T73a 73-pin connector, black
- T73c 73-pin connector, black
- 50 Earth point, on left in luggage compartment
- 386 Earth connection 21, in main wiring harness
- B182 Connection (RL), in interior wiring harness
- W6 Connection (left turn signal), in rear wiring harness

Onboard supply control unit, Right tail light, Right tail light 2,
Left number plate light, Right number plate light

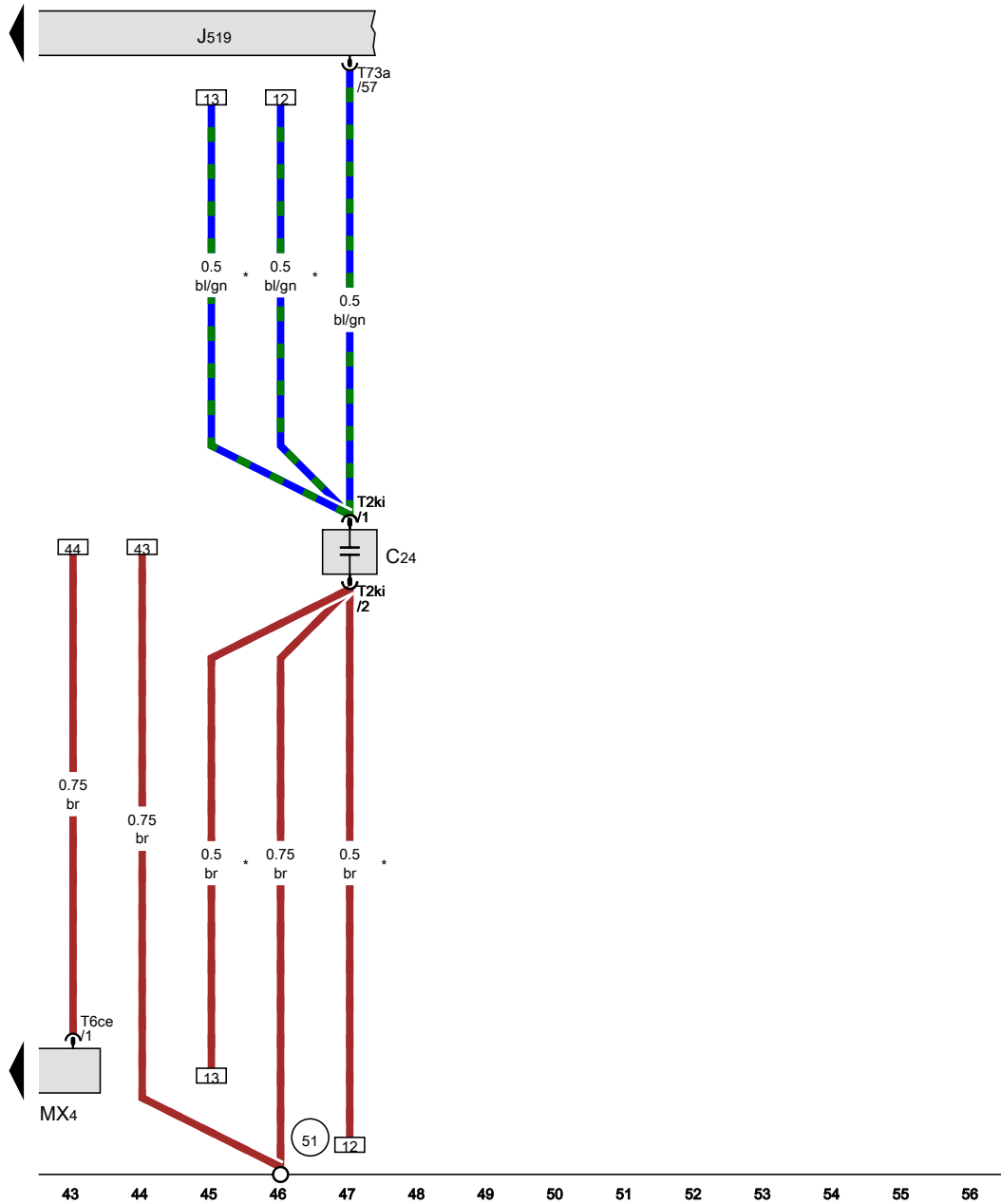


- J519 Onboard supply control unit
- L47 Rear right fog light bulb
- M2 Right tail light bulb
- MX4 Right tail light
- MX6 Right tail light 2
- M8 Rear right turn signal bulb
- M10 Right brake light bulb
- M17 Right reversing light bulb
- M50 Right tail light bulb 2
- M81 Bulb 2 for rear right turn signal
- T2kb 2-pin connector, white
- T2kc 2-pin connector, white
- T6ce 6-pin connector
- T6cg 6-pin connector
- T17a 17-pin connector, black
- T46b 46-pin connector, black
- T73a 73-pin connector, black
- T73c 73-pin connector, black
- X4 Left number plate light
- X5 Right number plate light

- 386 Earth connection 21, in main wiring harness
- W7 Connection (right turn signal), in rear wiring harness
- W41 Positive connection (58), in number plate lights wiring harness

Onboard supply control unit, Right tail light

- C24 Suppression filter
- J519 Onboard supply control unit
- MX4 Right tail light
- T2ki 2-pin connector
- T6ce 6-pin connector
- T73a 73-pin connector, black
- 51 Earth point, on right in luggage compartment
- * According to equipment



ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

[8VW-169050417]

Tail light cluster with LED, only models with US equipment , (5C1),(8SK),(8SP)

From May 2016

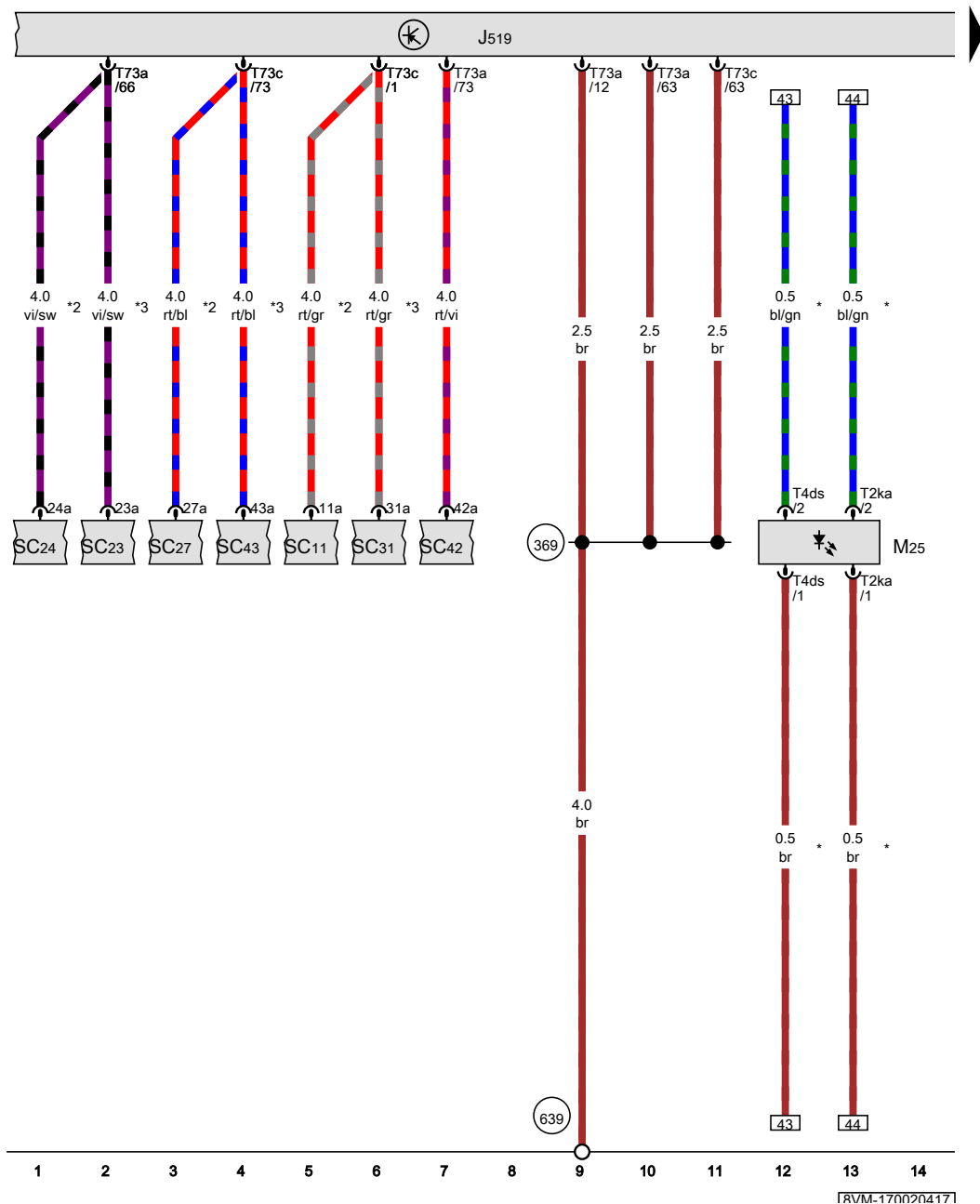
Onboard supply control unit, High-level brake light bulb

- J519 Onboard supply control unit
- M25 High-level light bulb
- SC11 Fuse 11 on fuse holder C
- SC23 Fuse 23 on fuse holder C
- SC24 Fuse 24 on fuse holder C
- SC27 Fuse 27 on fuse holder C
- SC31 Fuse 31 on fuse holder C
- SC42 Fuse 42 on fuse holder C
- SC43 Fuse 43 on fuse holder C
- T2ka 2-pin connector, black
- T4ds 4-pin connector, red
- T73a 73-pin connector
- T73c 73-pin connector

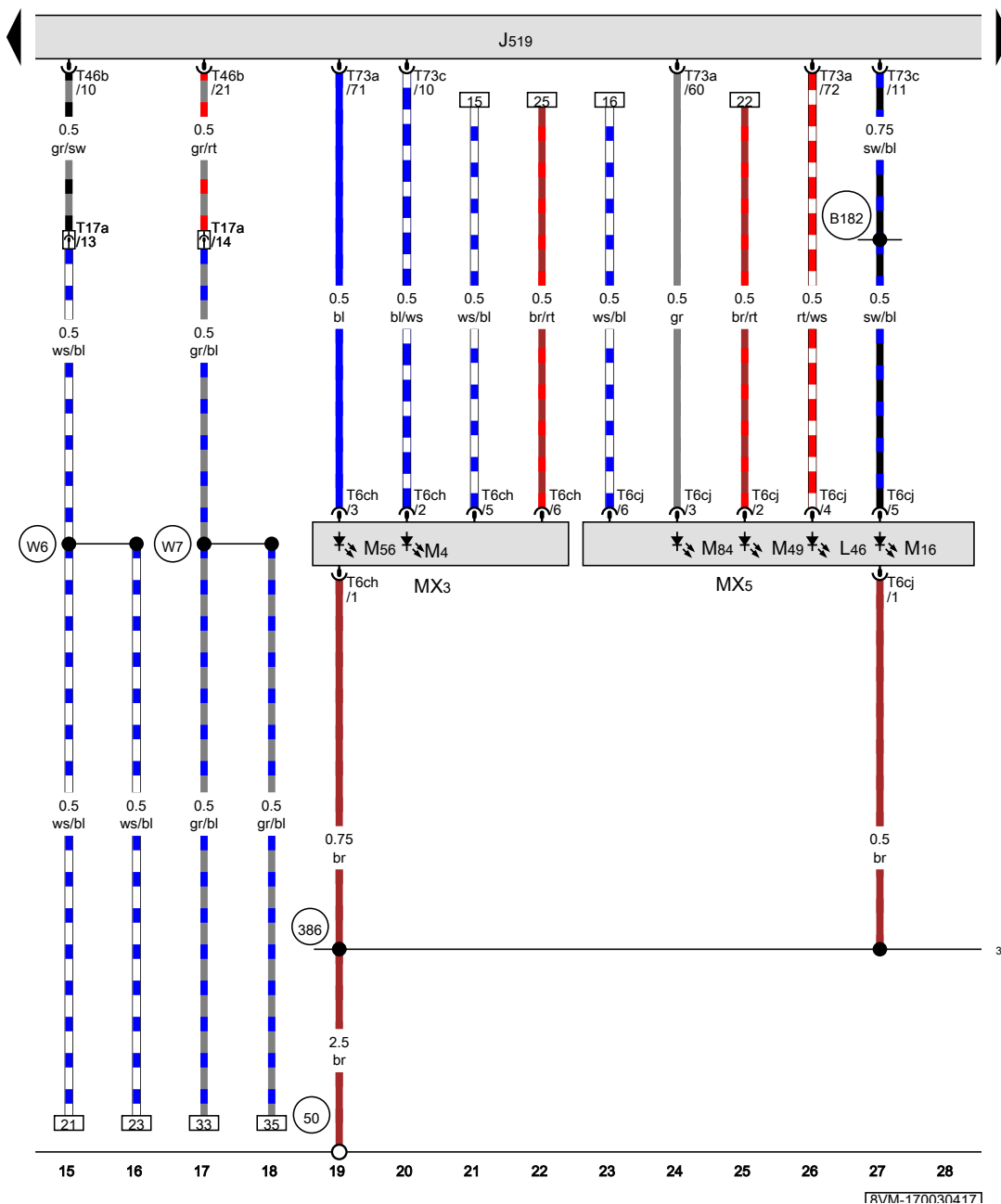
369 Earth connection 4, in main wiring harness

639 Earth point, left A-pillar

- * According to equipment
- *2 From May 2017
- *3 Up to April 2017



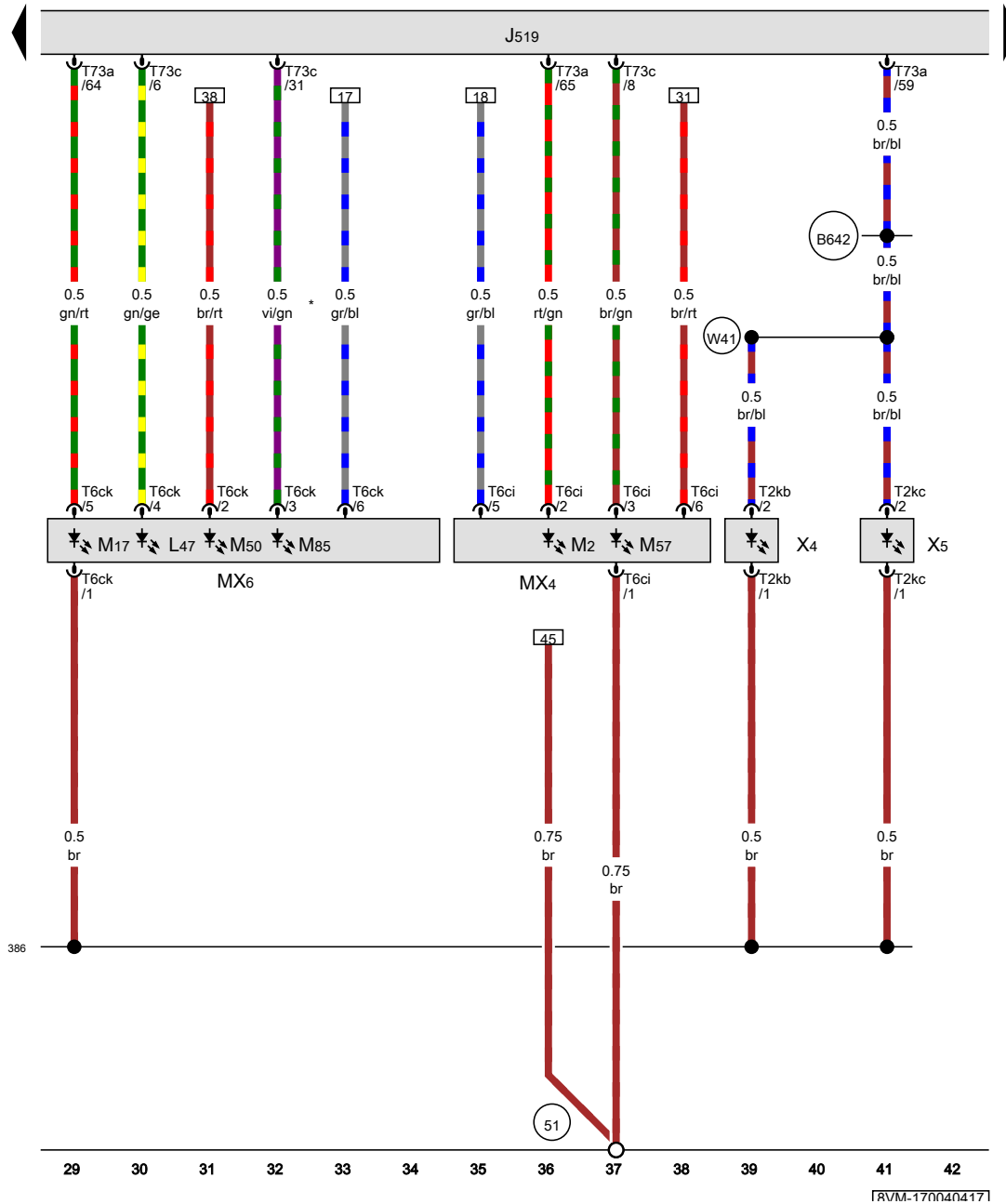
Onboard supply control unit, Left tail light, Left tail light 2



- J519 Onboard supply control unit
- L46 Rear left fog light bulb
- MX3 Left tail light
- M4 Left tail light bulb
- MX5 Left tail light 2
- M16 Left reversing light bulb
- M49 Left tail light bulb 2
- M56 Left brake and turn signal bulb
- M84 Left brake and turn signal bulb 2
- T6ch 6-pin connector
- T6cj 6-pin connector
- T17a 17-pin connector, black
- T46b 46-pin connector
- T73a 73-pin connector
- T73c 73-pin connector

- 50 Earth point, on left in luggage compartment
- 386 Earth connection 21, in main wiring harness
- B182 Connection (RL), in interior wiring harness
- W6 Connection (left turn signal), in rear wiring harness
- W7 Connection (right turn signal), in rear wiring harness

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



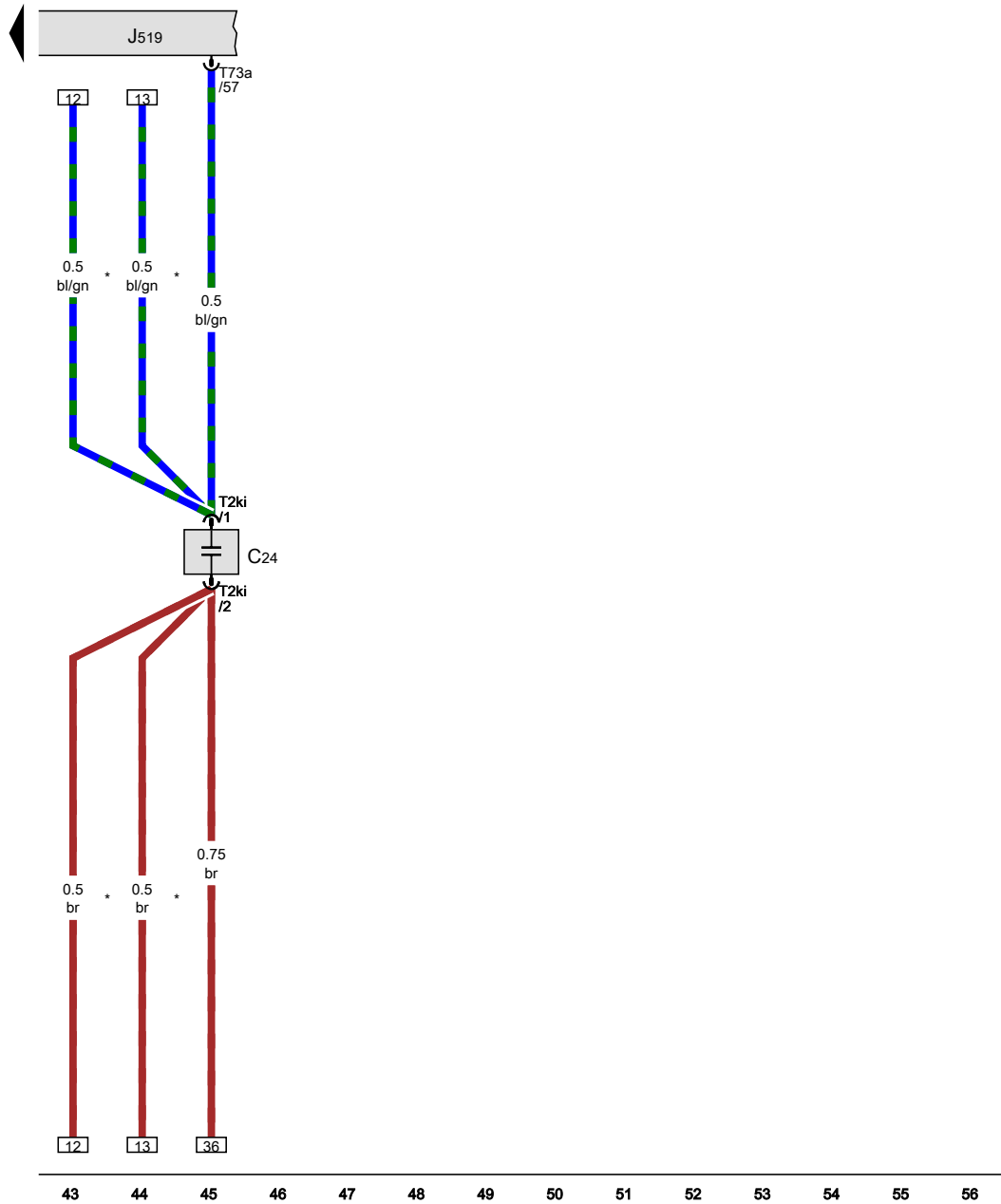
Onboard supply control unit, Right tail light, Right tail light 2, Left number plate light, Right number plate light

- J519 Onboard supply control unit
- L47 Rear right fog light bulb
- M2 Right tail light bulb
- MX4 Right tail light
- MX6 Right tail light 2
- M17 Right reversing light bulb
- M50 Right tail light bulb 2
- M57 Right brake and turn signal bulb
- M85 Right brake and turn signal bulb 2
- T2kb 2-pin connector, white
- T2kc 2-pin connector, white
- T6ci 6-pin connector, grey
- T6ck 6-pin connector, grey
- T73a 73-pin connector
- T73c 73-pin connector
- X4 Left number plate light
- X5 Right number plate light

- 51 Earth point, on right in luggage compartment
- 386 Earth connection 21, in main wiring harness
- B642 Positive connection (58), in main wiring harness
- W41 Positive connection (58), in number plate lights wiring harness
- * Wiring colour depends on equipment

Onboard supply control unit

- C24 Suppression filter
- J519 Onboard supply control unit
- T2ki 2-pin connector
- T73a 73-pin connector
- * According to equipment



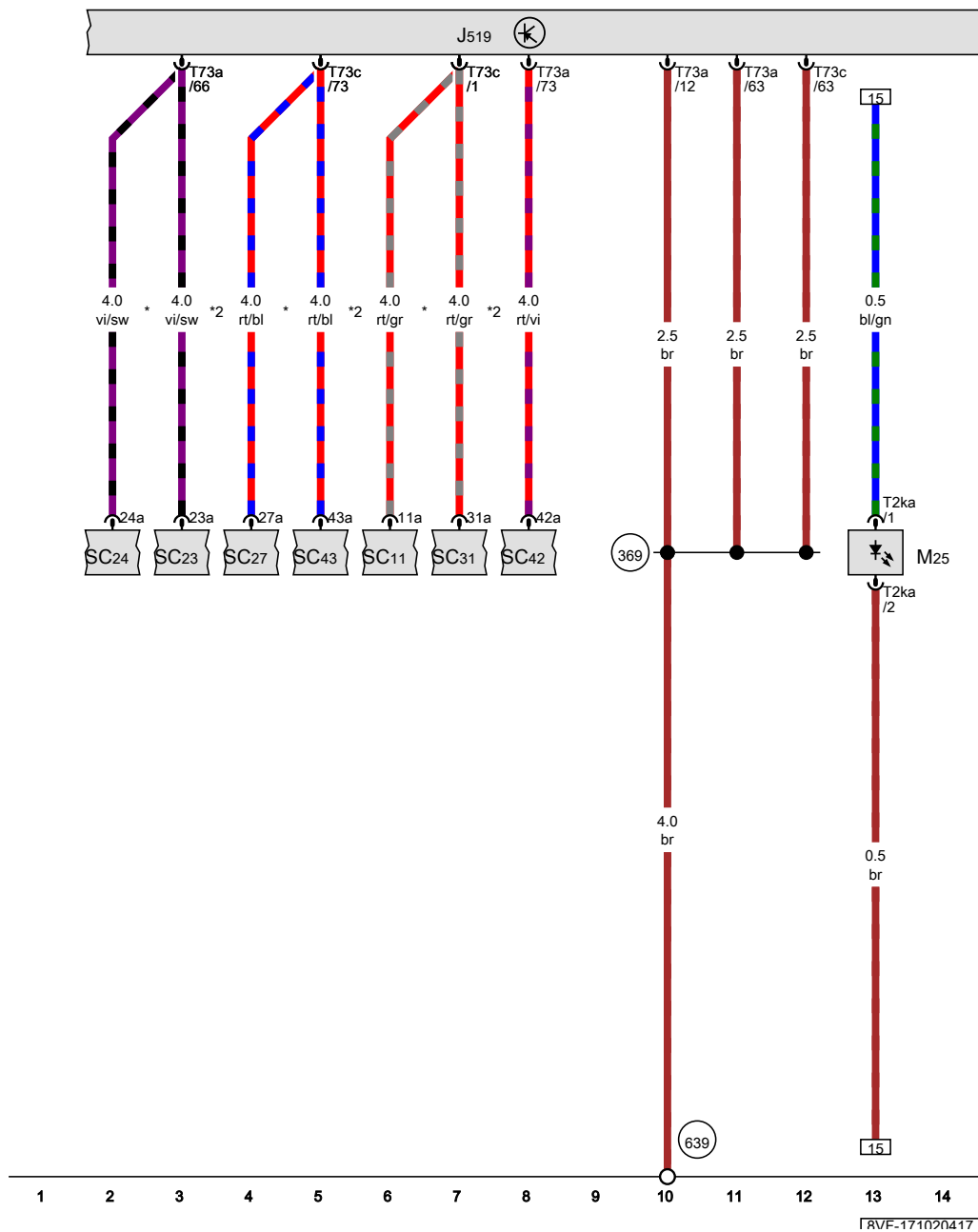
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

[8VM-170050417]

Tail light cluster with LED, 5-door vehicle , (8SK),(8SP)

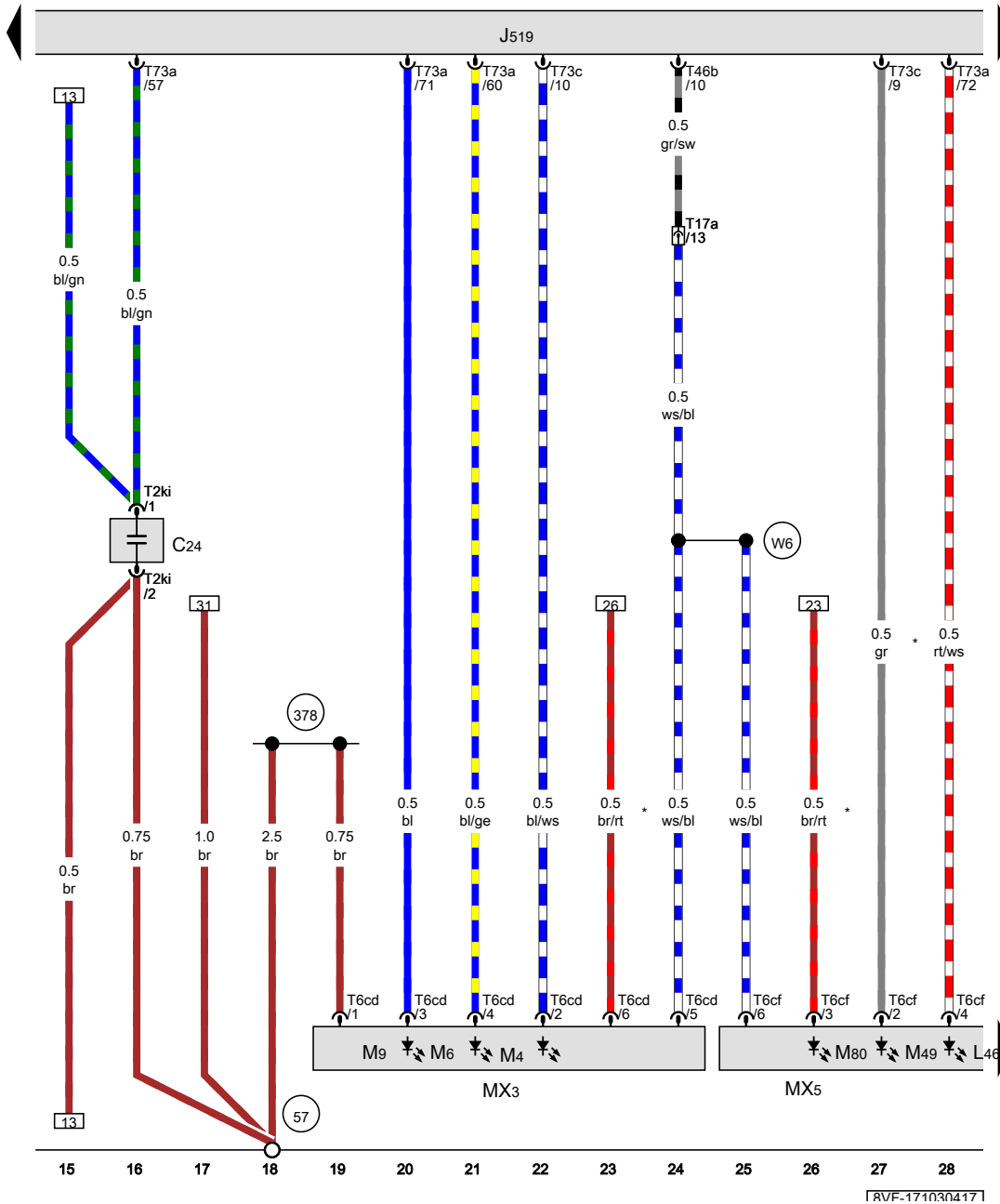
From May 2016

Onboard supply control unit, High-level brake light bulb



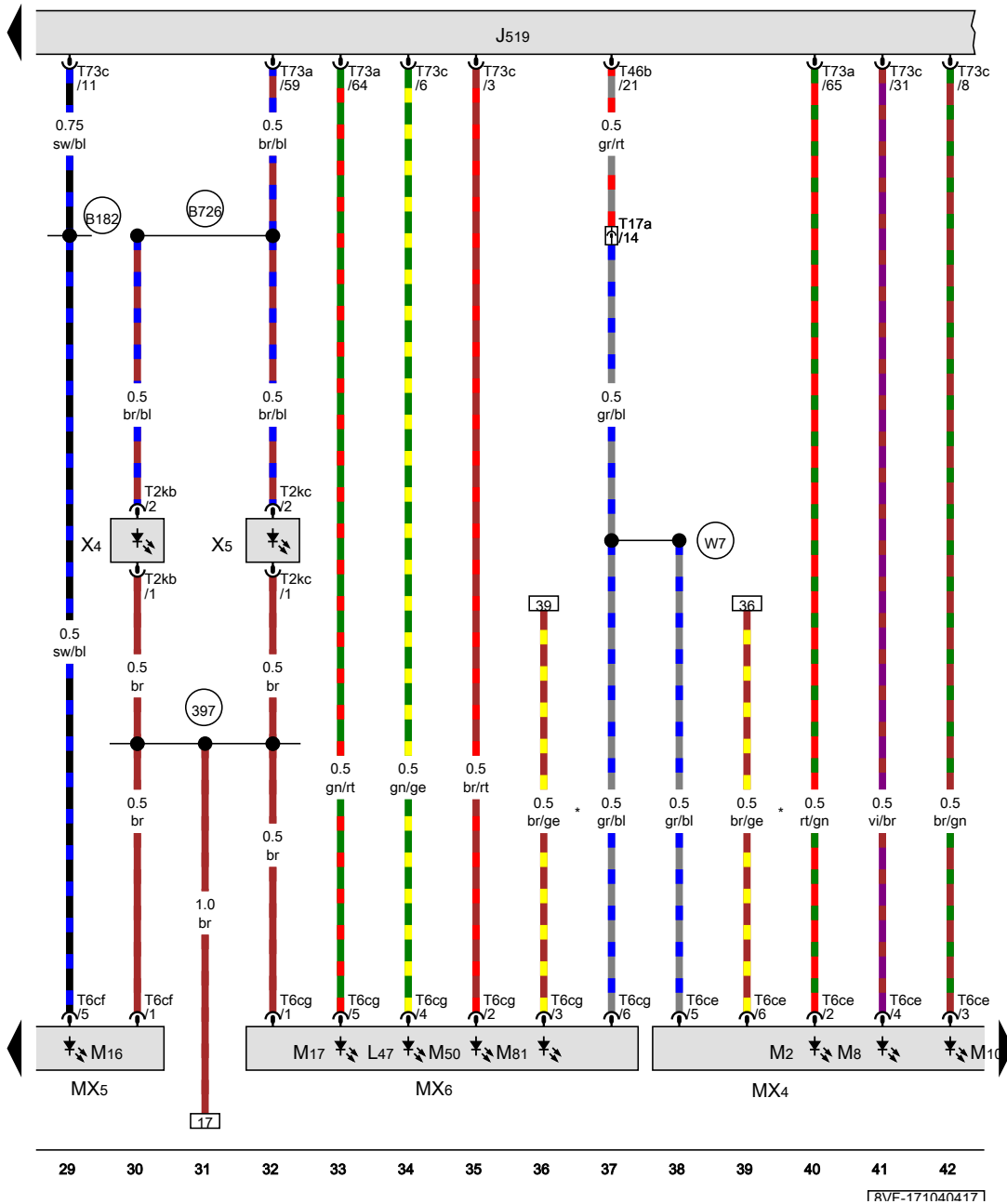
- J519 Onboard supply control unit
- M25 High-level brake light bulb
- SC11 Fuse 11 on fuse holder C
- SC23 Fuse 23 on fuse holder C
- SC24 Fuse 24 on fuse holder C
- SC27 Fuse 27 on fuse holder C
- SC31 Fuse 31 on fuse holder C
- SC42 Fuse 42 on fuse holder C
- SC43 Fuse 43 on fuse holder C
- T2ka 2-pin connector
- T73a 73-pin connector
- T73c 73-pin connector
- 369 Earth connection 4, in main wiring harness
- 639 Earth point, left A-pillar
- * From May 2017
- *2 Up to April 2017

Onboard supply control unit, Left tail light, Left tail light 2



- C24 Suppression filter
- J519 Onboard supply control unit
- L46 Rear left fog light bulb
- MX3 Left tail light
- M4 Left tail light bulb
- MX5 Left tail light 2
- M6 Rear left turn signal bulb
- M9 Left brake light bulb
- M49 Left tail light bulb 2
- M80 Bulb 2 for rear left turn signal
- T2ki 2-pin connector
- T6cd 6-pin connector
- T6cf 6-pin connector
- T17a 17-pin connector, black
- T46b 46-pin connector
- T73a 73-pin connector
- T73c 73-pin connector
- 57 Earth point, rear left pillar
- 378 Earth connection 13, in main wiring harness
- W6 Connection (left turn signal), in rear wiring harness
- * Wiring colour depends on equipment

Onboard supply control unit, Right tail light, Left tail light 2, Right tail light 2, Left number plate light, Right number plate light



- J519 Onboard supply control unit
- L47 Rear right fog light bulb
- M2 Right tail light bulb
- MX4 Right tail light
- MX5 Left tail light 2
- MX6 Right tail light 2
- M8 Rear right turn signal bulb
- M10 Right brake light bulb
- M16 Left reversing light bulb
- M17 Right reversing light bulb
- M50 Right tail light bulb 2
- M81 Bulb 2 for rear right turn signal
- T2kb 2-pin connector, white
- T2kc 2-pin connector, white
- T6ce 6-pin connector
- T6cf 6-pin connector
- T6cg 6-pin connector
- T17a 17-pin connector
- T46b 46-pin connector
- T73a 73-pin connector
- T73c 73-pin connector
- X4 Left number plate light
- X5 Right number plate light

- 397 Earth connection 32, in main wiring harness
- B182 Connection (RL), in interior wiring harness
- B726 Positive connection 2 (58), in main wiring harness
- W7 Connection (right turn signal), in rear wiring harness
- * Wiring colour depends on equipment

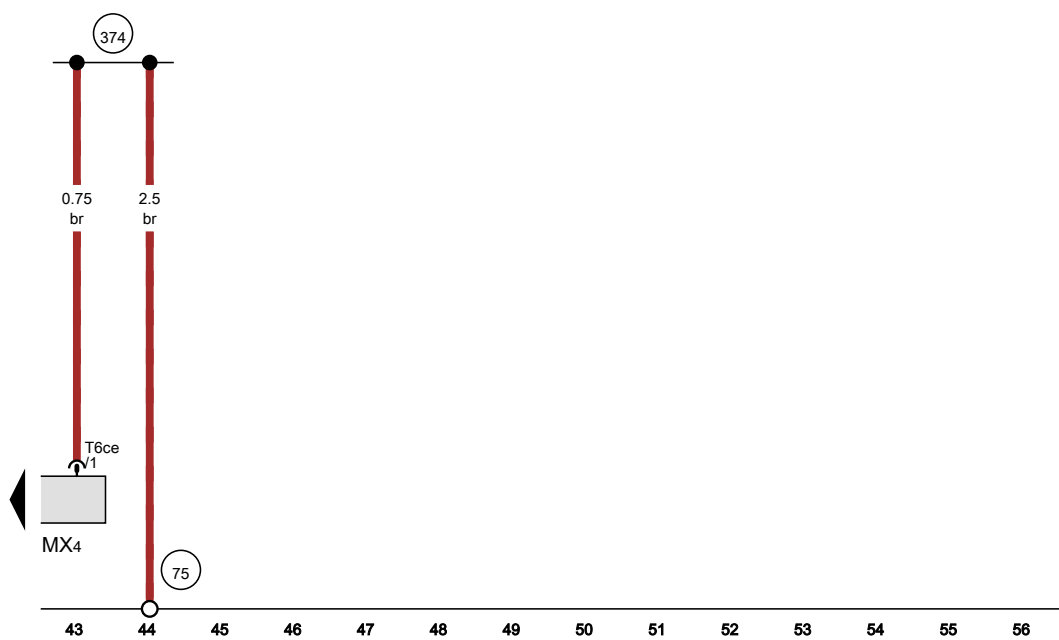
ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

Right tail light

MX4 Right tail light
T6ce 6-pin connector

75 Earth point, rear right pillar

374 Earth connection 9, in main wiring harness



ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

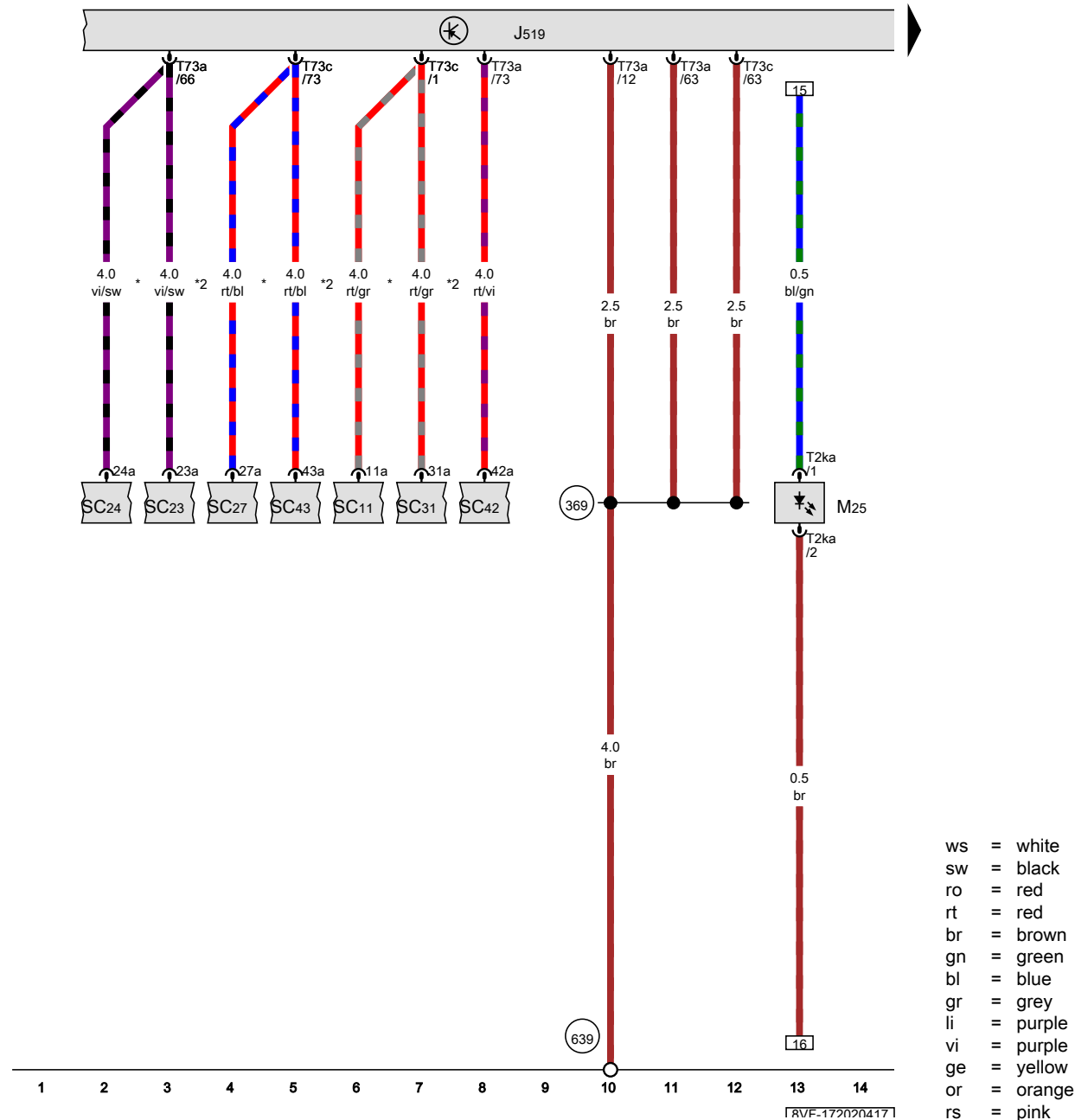
[8VF-171050417]

Tail light cluster with LED, only models with US equipment , (5C1),(8SK),(8SP)

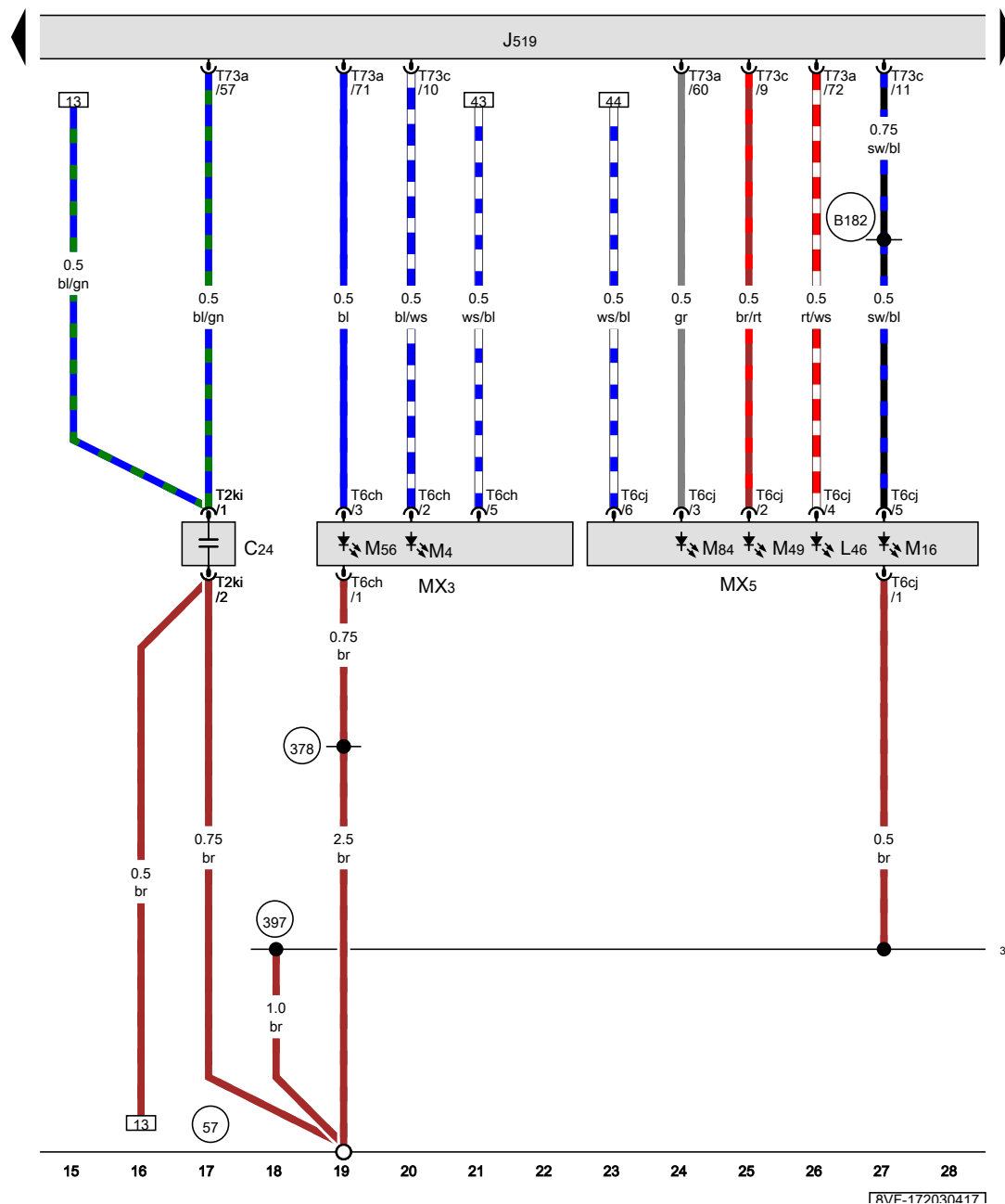
From May 2016

Onboard supply control unit, High-level brake light bulb

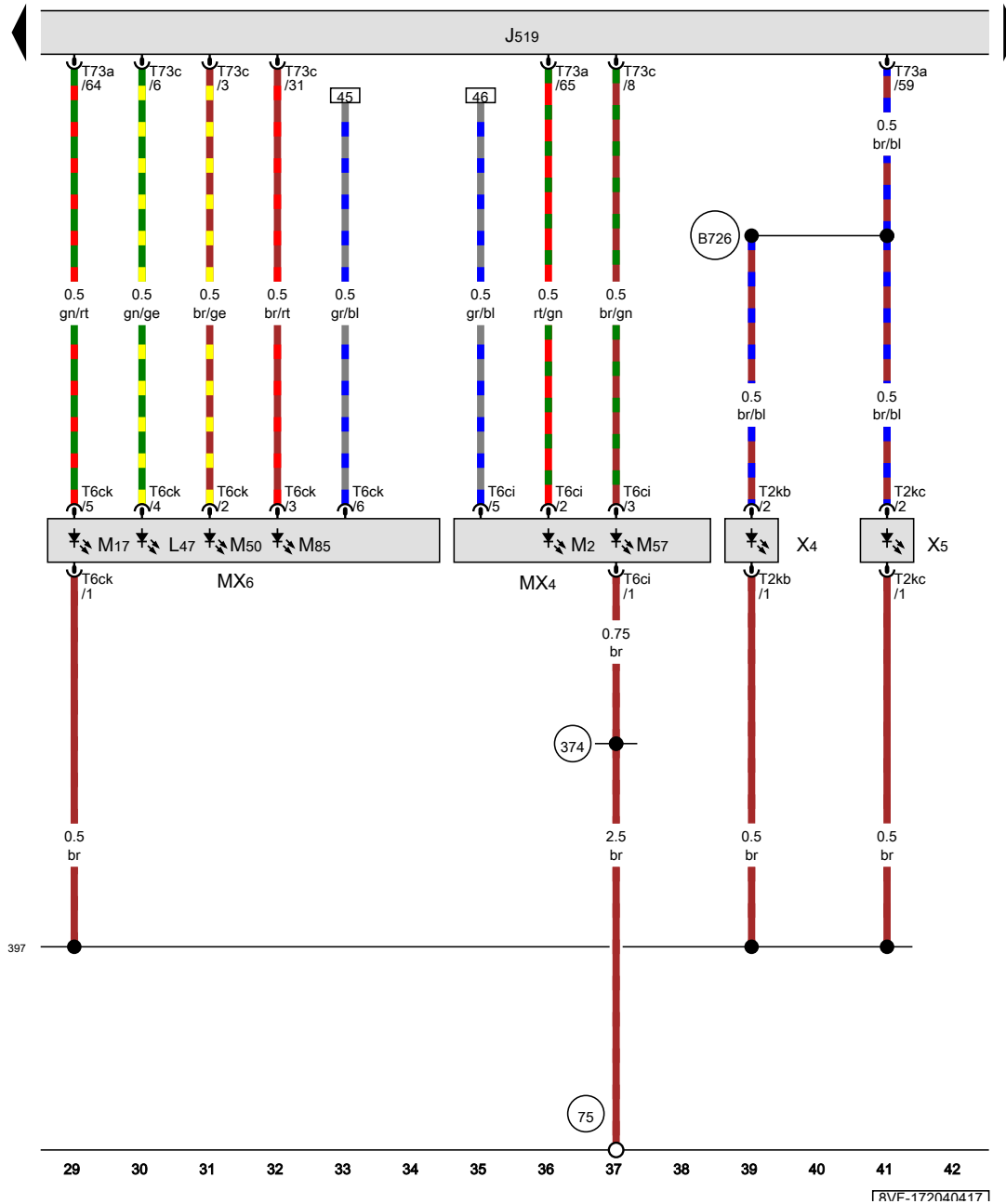
- J519 Onboard supply control unit
- M25 High-level brake light bulb
- SC11 Fuse 11 on fuse holder C
- SC23 Fuse 23 on fuse holder C
- SC24 Fuse 24 on fuse holder C
- SC27 Fuse 27 on fuse holder C
- SC31 Fuse 31 on fuse holder C
- SC42 Fuse 42 on fuse holder C
- SC43 Fuse 43 on fuse holder C
- T2ka 2-pin connector
- T73a 73-pin connector, black
- T73c 73-pin connector, black
- 369 Earth connection 4, in main wiring harness
- 639 Earth point, left A-pillar
- * From May 2017
- *2 Up to April 2017



Onboard supply control unit, Left tail light, Left tail light 2



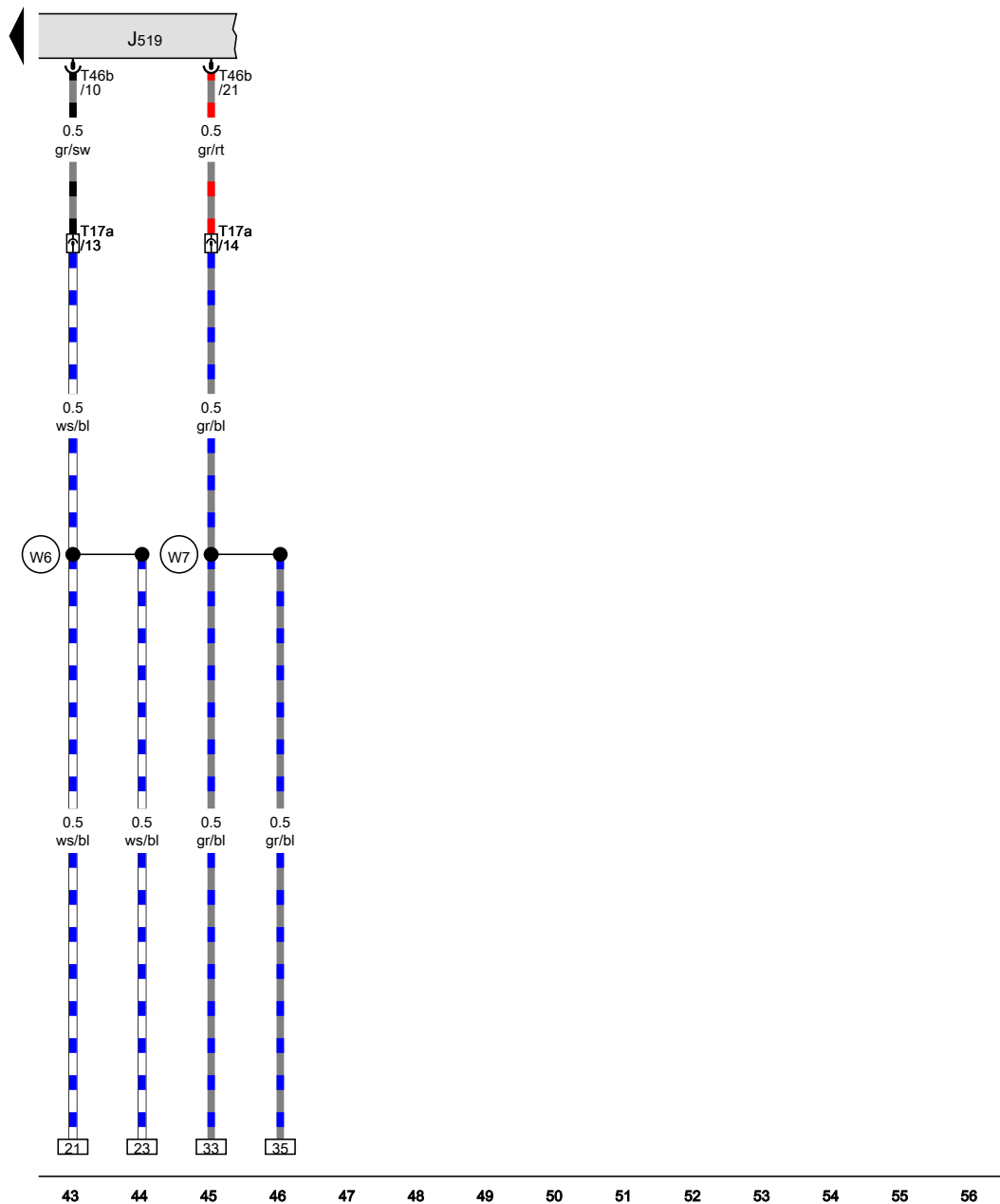
- C24 Suppression filter
- J519 Onboard supply control unit
- L46 Rear left fog light bulb
- MX3 Left tail light
- M4 Left tail light bulb
- MX5 Left tail light 2
- M16 Left reversing light bulb
- M49 Left tail light bulb 2
- M56 Left brake and turn signal bulb
- M84 Left brake and turn signal bulb 2
- T2ki 2-pin connector
- T6ch 6-pin connector
- T6cj 6-pin connector
- T73a 73-pin connector, black
- T73c 73-pin connector, black
- 57 Earth point, rear left pillar
- 378 Earth connection 13, in main wiring harness
- 397 Earth connection 32, in main wiring harness
- B182 Connection (RL), in interior wiring harness



Onboard supply control unit, Right tail light, Right tail light 2, Left number plate light, Right number plate light

- J519 Onboard supply control unit
- L47 Rear right fog light bulb
- M2 Right tail light bulb
- MX4 Right tail light
- MX6 Right tail light 2
- M17 Right reversing light bulb
- M50 Right tail light bulb 2
- M57 Right brake and turn signal bulb
- M85 Right brake and turn signal bulb 2
- T2kb 2-pin connector
- T2kc 2-pin connector
- T6ci 6-pin connector
- T6ck 6-pin connector
- T73a 73-pin connector, black
- T73c 73-pin connector, black
- X4 Left number plate light
- X5 Right number plate light
- 75 Earth point, rear right pillar
- 374 Earth connection 9, in main wiring harness
- 397 Earth connection 32, in main wiring harness
- B726 Positive connection 2 (58), in main wiring harness

ws = white
 sw = black
 ro = red
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 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



Onboard supply control unit

J519 Onboard supply control unit

T17a 17-pin connector, black

T46b 46-pin connector, black

W6 Connection (left turn signal), in rear wiring harness

W7 Connection (right turn signal), in rear wiring harness

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

Tail light cluster with LED , (8SK),(8SP)

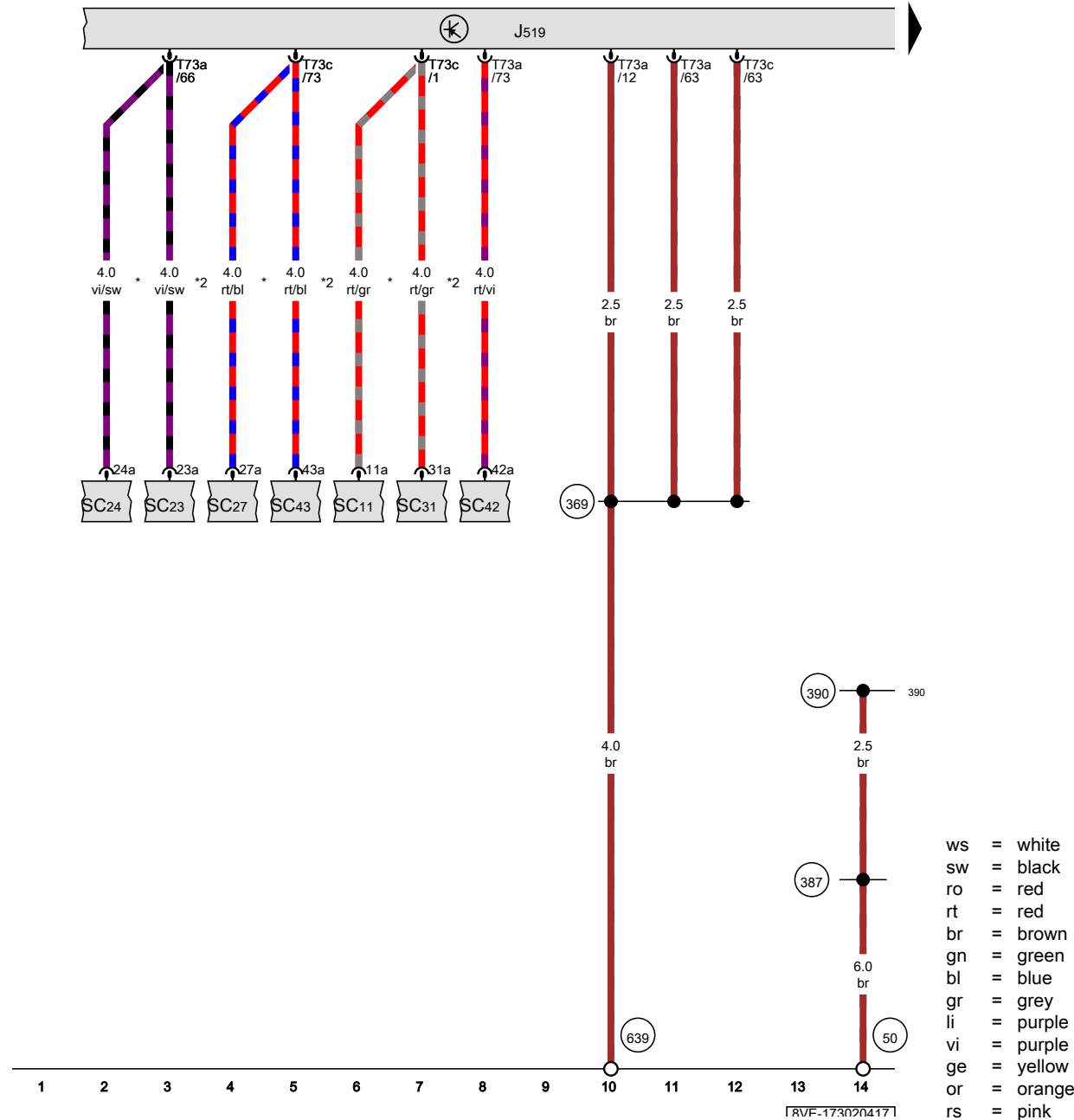
From May 2016

Onboard supply control unit

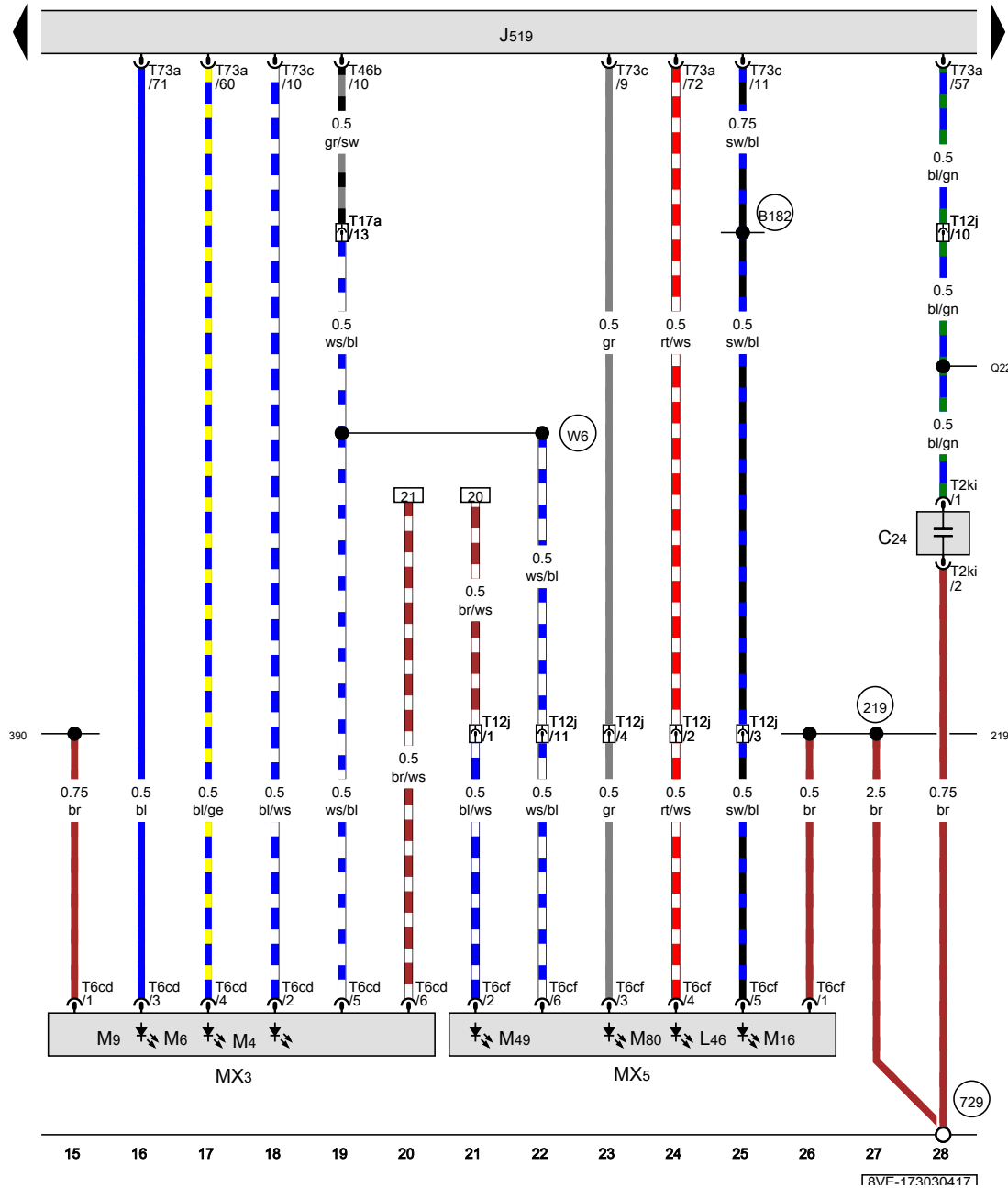
- J519 Onboard supply control unit
- SC11 Fuse 11 on fuse holder C
- SC23 Fuse 23 on fuse holder C
- SC24 Fuse 24 on fuse holder C
- SC27 Fuse 27 on fuse holder C
- SC31 Fuse 31 on fuse holder C
- SC42 Fuse 42 on fuse holder C
- SC43 Fuse 43 on fuse holder C
- T73a 73-pin connector
- T73c 73-pin connector

- 50 Earth point, on left in luggage compartment
- 369 Earth connection 4, in main wiring harness
- 387 Earth connection 22, in main wiring harness
- 390 Earth connection 25, in main wiring harness
- 639 Earth point, left A-pillar

- * From May 2017
- *2 Up to April 2017



Onboard supply control unit, Left tail light, Left tail light 2



- C24 Suppression filter
- J519 Onboard supply control unit
- L46 Rear left fog light bulb
- MX3 Left tail light
- M4 Left tail light bulb
- MX5 Left tail light 2
- M6 Rear left turn signal bulb
- M9 Left brake light bulb
- M16 Left reversing light bulb
- M49 Left tail light bulb 2
- M80 Bulb 2 for rear left turn signal
- T2ki 2-pin connector
- T6cd 6-pin connector, green
- T6cf 6-pin connector, black
- T12j 12-pin connector
- T17a 17-pin connector, black
- T46b 46-pin connector
- T73a 73-pin connector
- T73c 73-pin connector

219 Earth connection 2, in rear lid wiring harness

390 Earth connection 25, in main wiring harness

729 Earth point, on left rear wheel housing

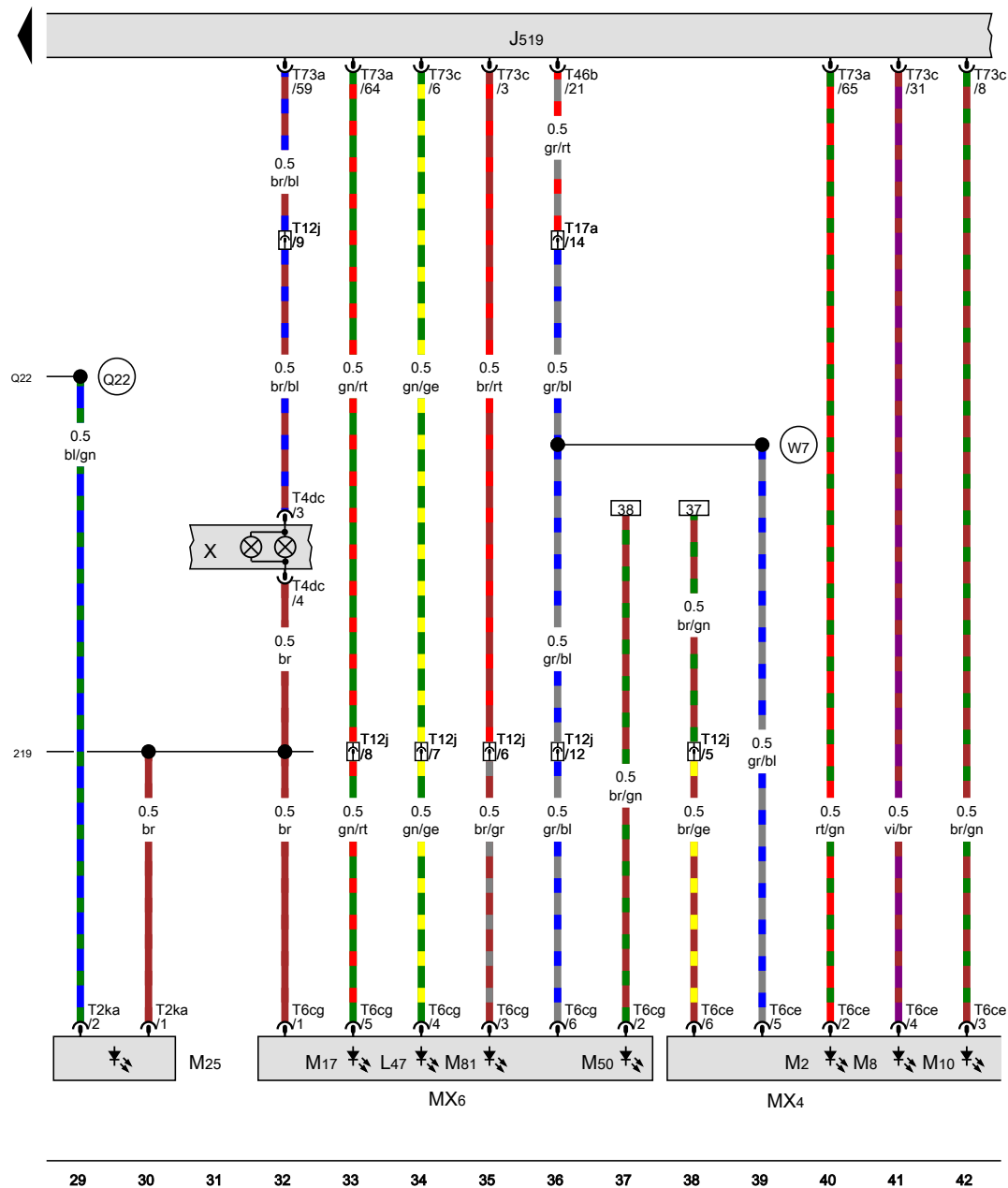
B182 Connection (RL), in interior wiring harness

Q22 Connection 1, in rear lid wiring harness

W6 Connection (left turn signal), in rear wiring harness

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Onboard supply control unit, Right tail light, Right tail light 2, High-level brake light bulb, Number plate light



- J519 Onboard supply control unit
- L47 Rear right fog light bulb
- M2 Right tail light bulb
- MX4 Right tail light
- MX6 Right tail light 2
- M8 Rear right turn signal bulb
- M10 Right brake light bulb
- M17 Right reversing light bulb
- M25 High-level brake light bulb
- M50 Right tail light bulb 2
- M81 Bulb 2 for rear right turn signal
- T2ka 2-pin connector, black
- T4dc 4-pin connector
- T6ce 6-pin connector, green
- T6cg 6-pin connector, black
- T12j 12-pin connector
- T17a 17-pin connector
- T46b 46-pin connector
- T73a 73-pin connector
- T73c 73-pin connector
- X Number plate light

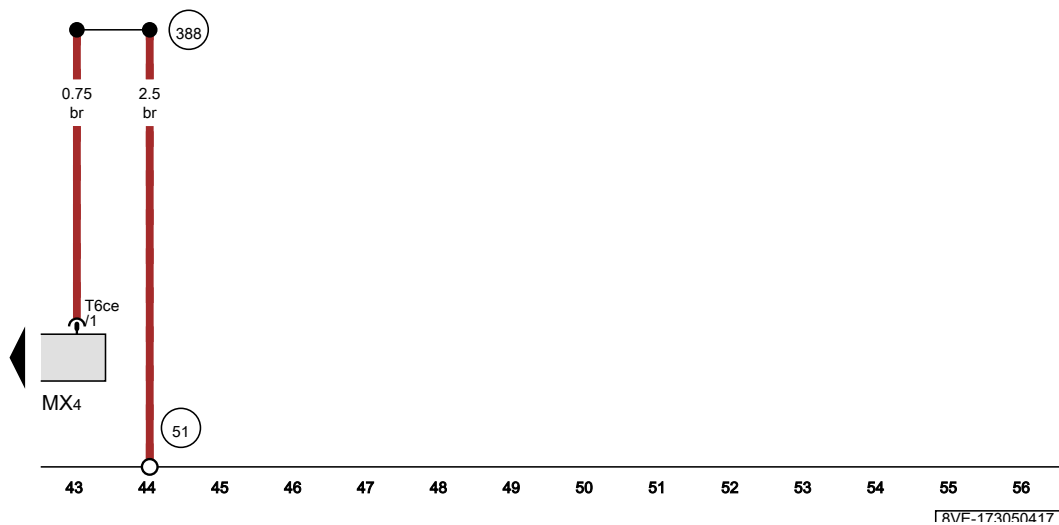
- 219 Earth connection 2, in rear lid wiring harness
- Q22 Connection 1, in rear lid wiring harness
- W7 Connection (right turn signal), in rear wiring harness

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

[AVF-173040417]

Right tail light

- MX4 Right tail light
- T6ce 6-pin connector, green
- 51 Earth point, on right in luggage compartment
- 388 Earth connection 23, in main wiring harness



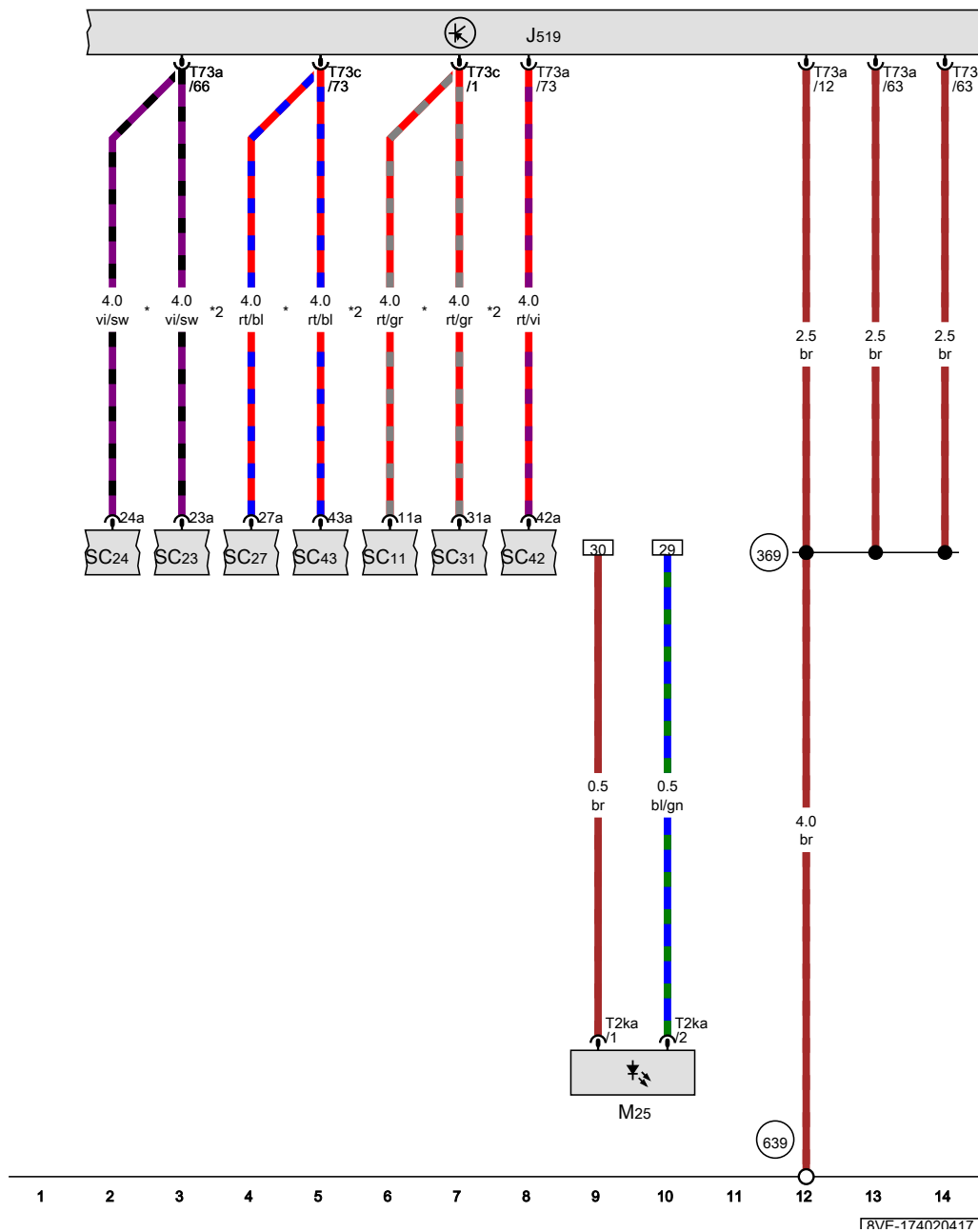
ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

[8VF-173050417]

Tail light cluster with LED, only models with US equipment , (5C1),(8SK),(8SP)

From May 2016

Onboard supply control unit, High-level brake light bulb



- J519 Onboard supply control unit
- M25 High-level brake light bulb
- SC11 Fuse 11 on fuse holder C
- SC23 Fuse 23 on fuse holder C
- SC24 Fuse 24 on fuse holder C
- SC27 Fuse 27 on fuse holder C
- SC31 Fuse 31 on fuse holder C
- SC42 Fuse 42 on fuse holder C
- SC43 Fuse 43 on fuse holder C
- T2ka 2-pin connector, black
- T73a 73-pin connector
- T73c 73-pin connector

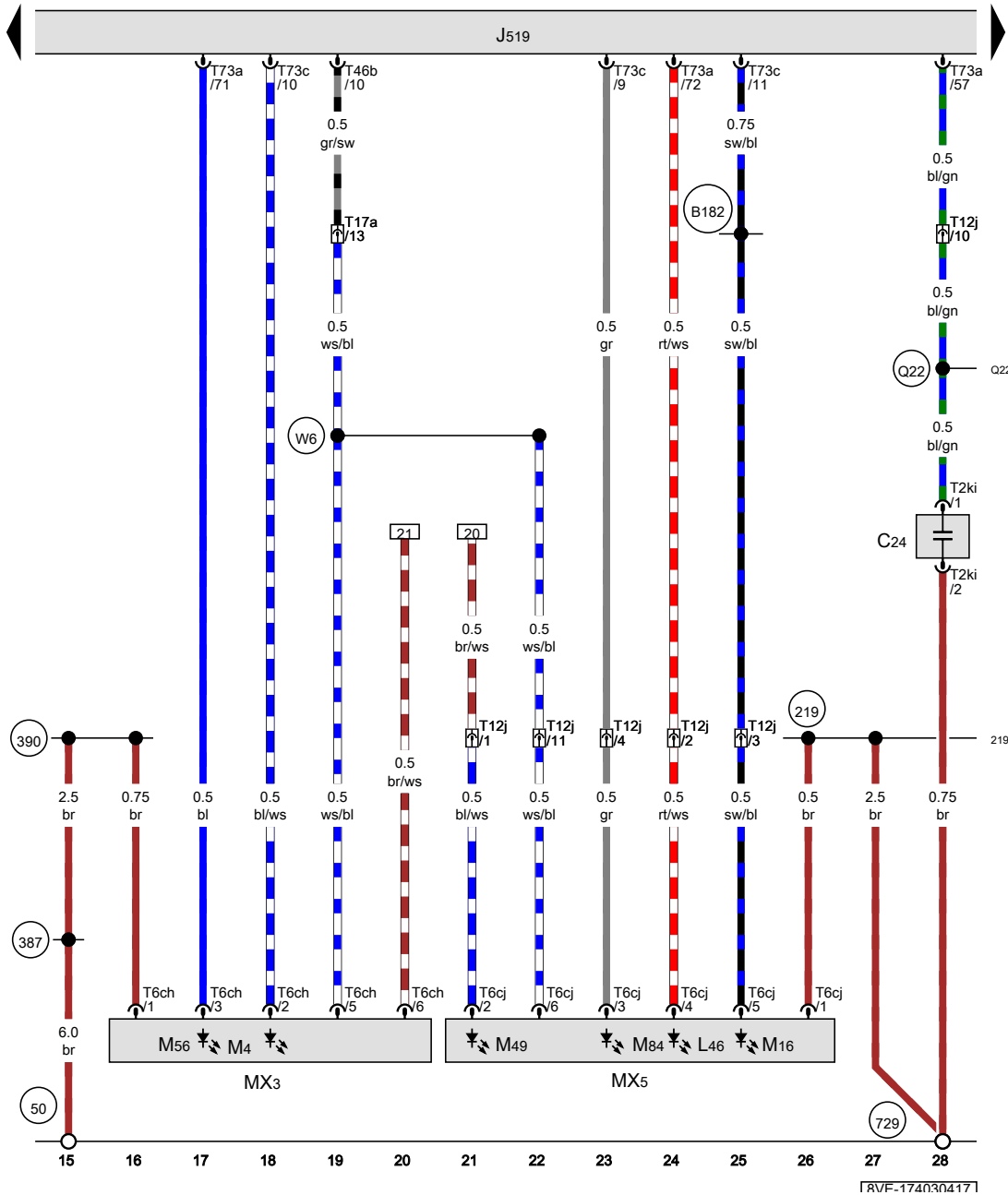
369 Earth connection 4, in main wiring harness

639 Earth point, left A-pillar

- * From May 2017
- *2 Up to April 2017

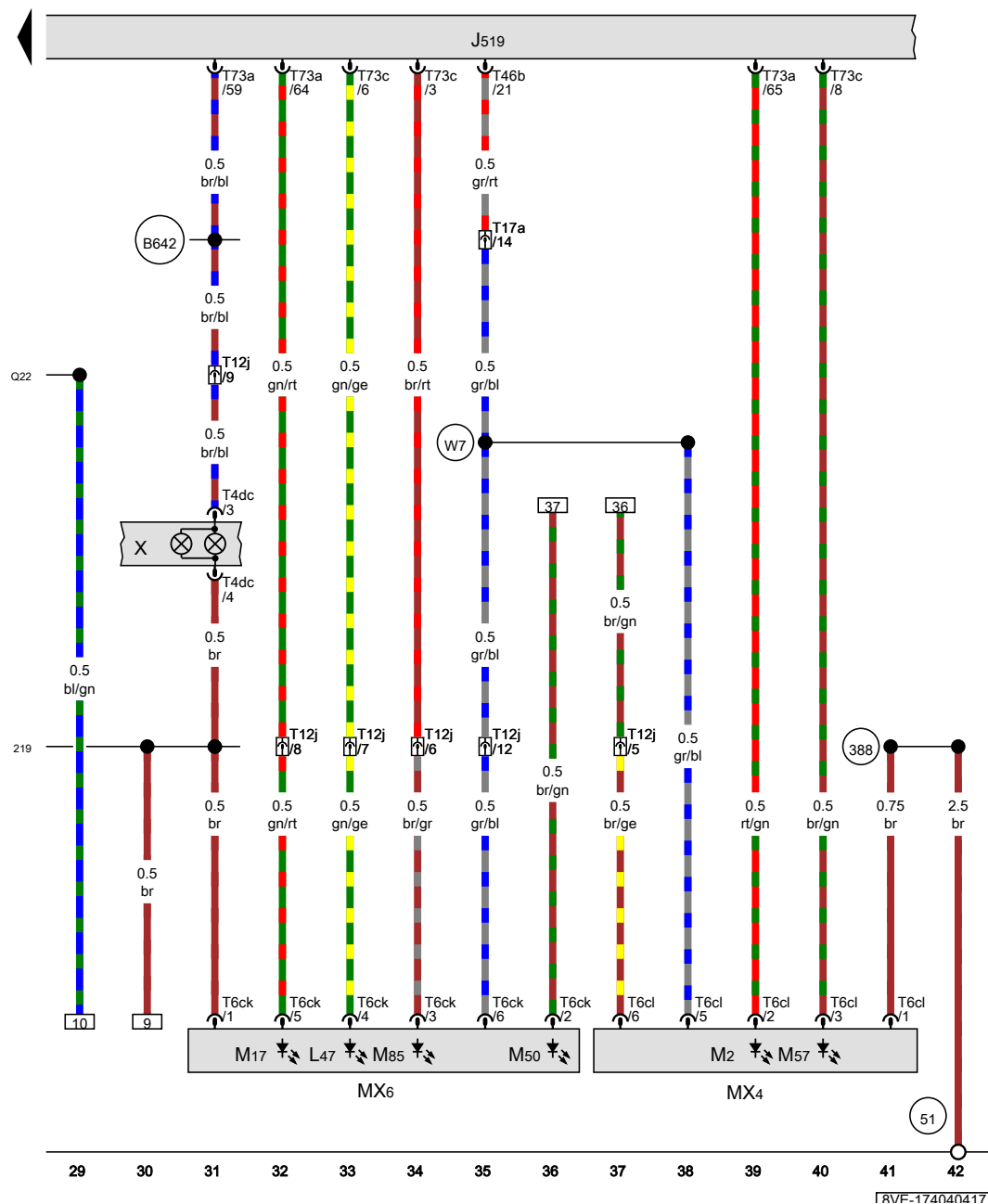
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Onboard supply control unit, Left tail light, Left tail light 2



- C24 Suppression filter
- J519 Onboard supply control unit
- L46 Rear left fog light bulb
- MX3 Left tail light
- M4 Left tail light bulb
- MX5 Left tail light 2
- M16 Left reversing light bulb
- M49 Left tail light bulb 2
- M56 Left brake and turn signal bulb
- M84 Left brake and turn signal bulb 2
- T2ki 2-pin connector
- T6ch 6-pin connector
- T6cj 6-pin connector
- T12j 12-pin connector
- T17a 17-pin connector, black
- T46b 46-pin connector
- T73a 73-pin connector
- T73c 73-pin connector
- 50 Earth point, on left in luggage compartment
- 219 Earth connection 2, in rear lid wiring harness
- 387 Earth connection 22, in main wiring harness
- 390 Earth connection 25, in main wiring harness
- 729 Earth point, on left rear wheel housing
- B182 Connection (RL), in interior wiring harness
- Q22 Connection 1, in rear lid wiring harness
- W6 Connection (left turn signal), in rear wiring harness

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



Onboard supply control unit, Right tail light, Right tail light 2, Number plate light

- J519 Onboard supply control unit
- L47 Rear right fog light bulb
- M2 Right tail light bulb
- MX4 Right tail light
- MX6 Right tail light 2
- M17 Right reversing light bulb
- M50 Right tail light bulb 2
- M57 Right brake and turn signal bulb
- M85 Right brake and turn signal bulb 2
- T4dc 4-pin connector
- T6ck 6-pin connector
- T6cl 6-pin connector, black
- T12j 12-pin connector
- T17a 17-pin connector, black
- T46b 46-pin connector
- T73a 73-pin connector
- T73c 73-pin connector
- X Number plate light

- 51 Earth point, on right in luggage compartment
- 219 Earth connection 2, in rear lid wiring harness
- 388 Earth connection 23, in main wiring harness
- B642 Positive connection (58), in main wiring harness
- Q22 Connection 1, in rear lid wiring harness
- W7 Connection (right turn signal), in rear wiring harness

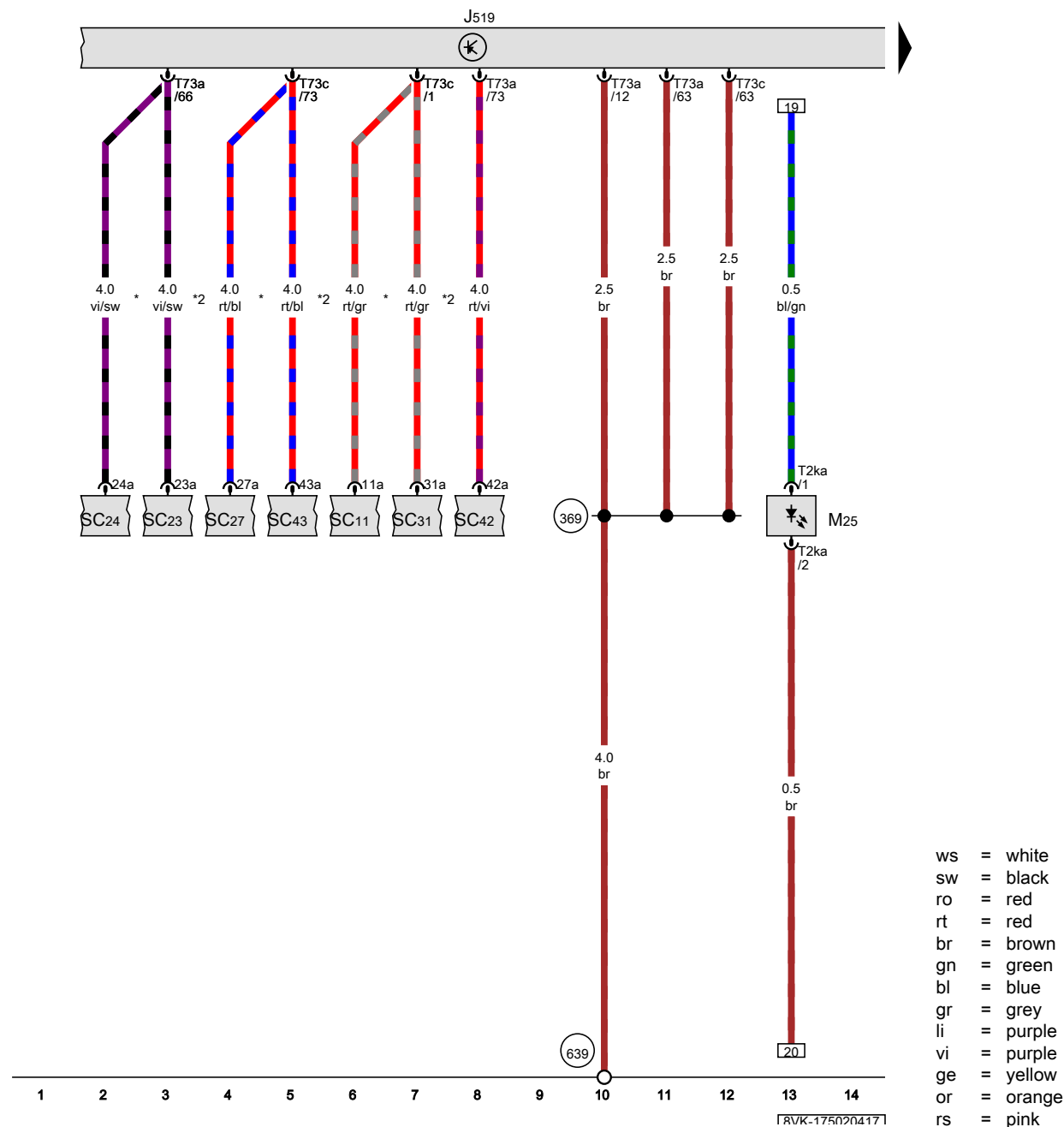
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

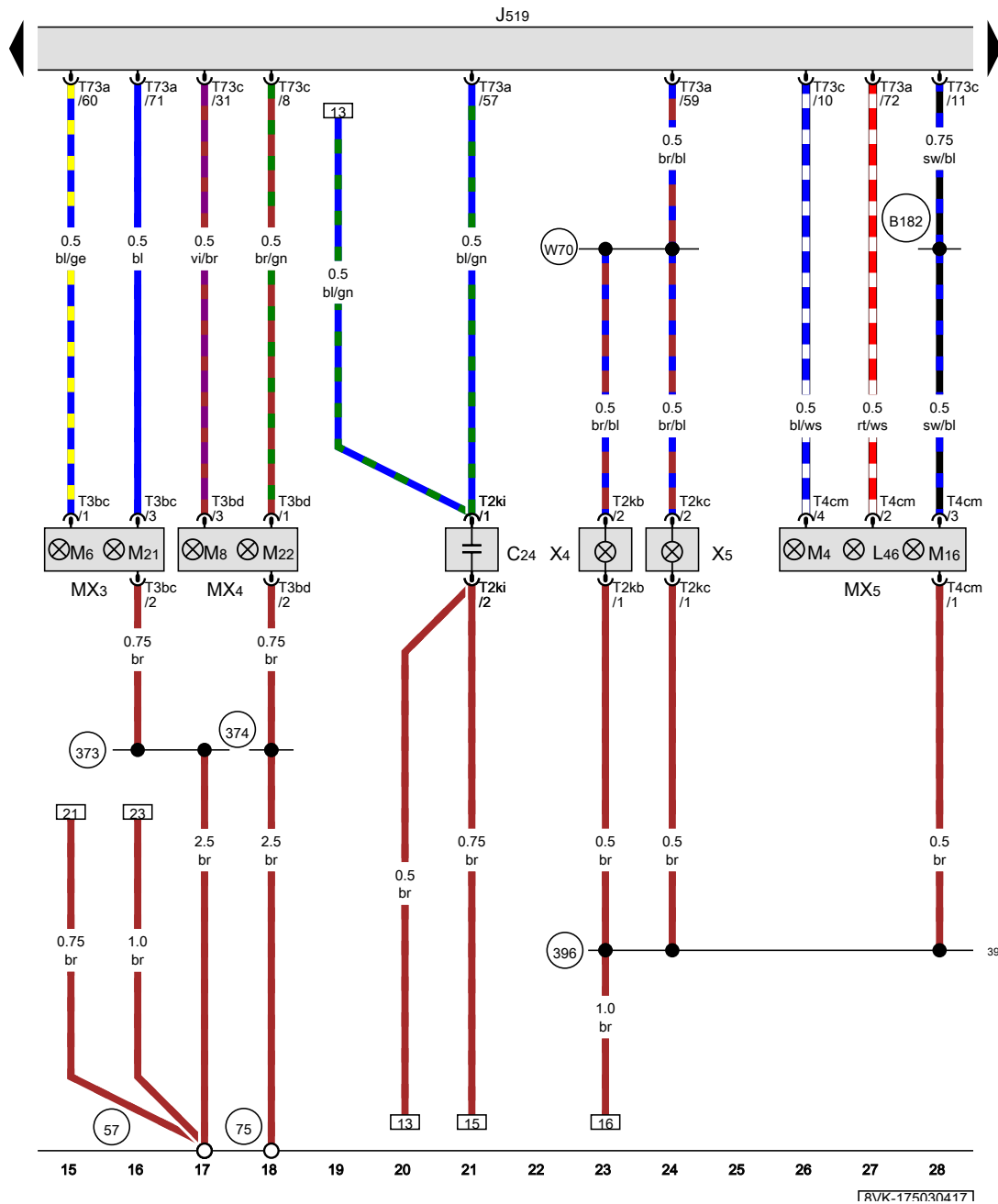
Tail lights , (8SA)

From May 2016

Onboard supply control unit, High-level brake light bulb

- J519 Onboard supply control unit
M25 High-level brake light bulb
SC11 Fuse 11 on fuse holder C
SC23 Fuse 23 on fuse holder C
SC24 Fuse 24 on fuse holder C
SC27 Fuse 27 on fuse holder C
SC31 Fuse 31 on fuse holder C
SC42 Fuse 42 on fuse holder C
SC43 Fuse 43 on fuse holder C
T2ka 2-pin connector
T73a 73-pin connector, black
T73c 73-pin connector, black
369 Earth connection 4, in main wiring harness
639 Earth point, left A-pillar
* From May 2017
*2 Up to April 2017

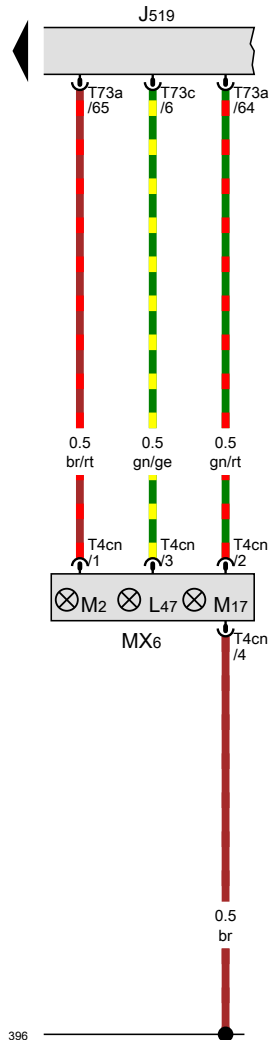




Onboard supply control unit, Rear left fog light bulb, Left tail light bulb, Rear left turn signal bulb, Rear right turn signal bulb, Left reversing light bulb, Left brake and tail light bulb, Right brake and tail light bulb

- C24 Suppression filter
- J519 Onboard supply control unit
- L46 Rear left fog light bulb
- MX3 Left tail light
- M4 Left tail light bulb
- MX4 Right tail light
- MX5 Left tail light 2
- M6 Rear left turn signal bulb
- M8 Rear right turn signal bulb
- M16 Left reversing light bulb
- M21 Left brake and tail light bulb
- M22 Right brake and tail light bulb
- T2kb 2-pin connector, white
- T2kc 2-pin connector, white
- T2ki 2-pin connector
- T3bc 3-pin connector, black
- T3bd 3-pin connector, black
- T4cm 4-pin connector, brown
- T73a 73-pin connector, black
- T73c 73-pin connector, black
- X4 Left number plate light
- X5 Right number plate light

- 57 Earth point, rear left pillar
- 75 Earth point, rear right pillar
- 373 Earth connection 8, in main wiring harness
- 374 Earth connection 9, in main wiring harness
- 396 Earth connection 31, in main wiring harness
- B182 Connection (RL), in interior wiring harness
- W70 Positive connection 2 (58), in number plate wiring harness



Onboard supply control unit, Rear right fog light bulb, Right tail light bulb, Right reversing light bulb

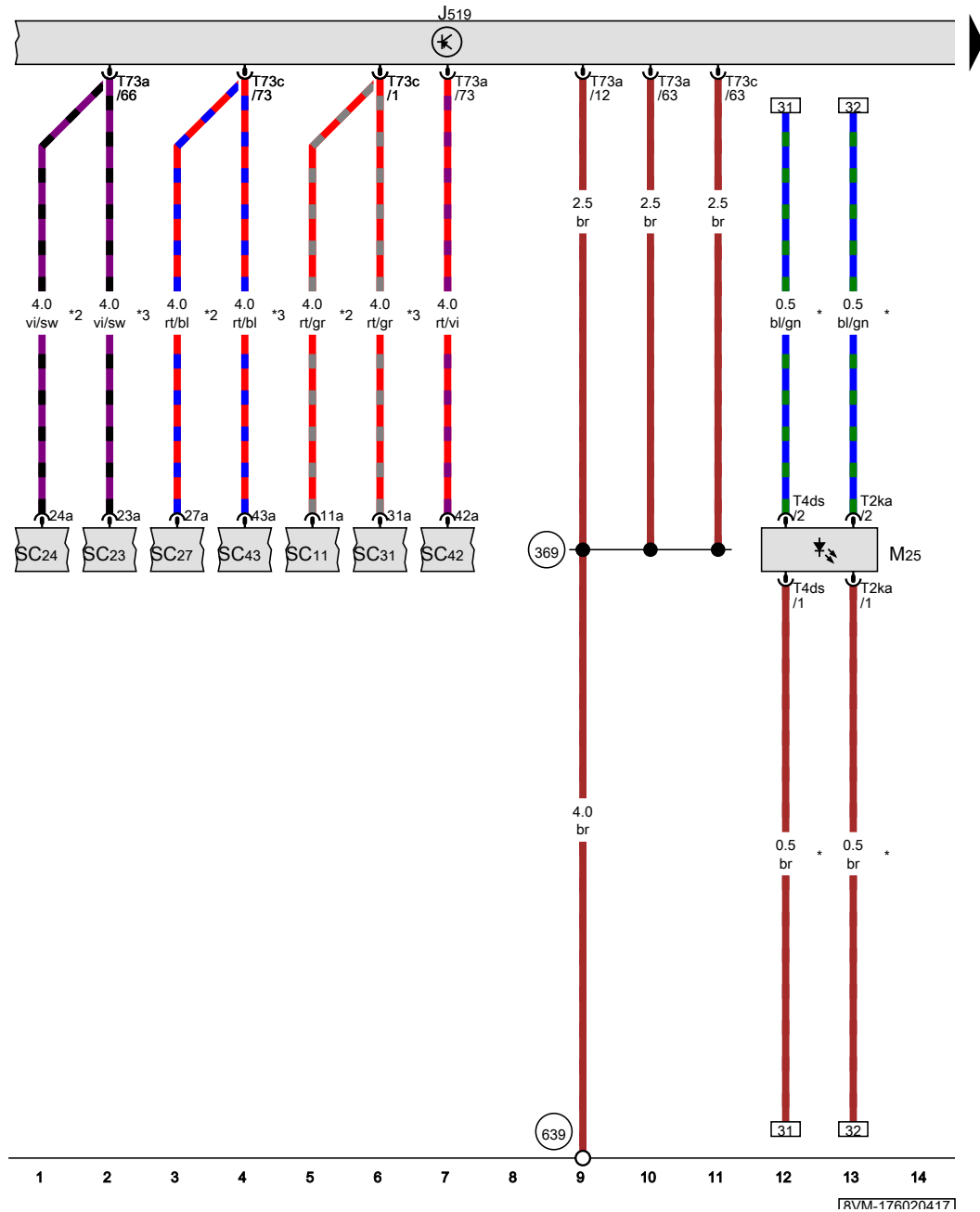
- J519 Onboard supply control unit
- L47 Rear right fog light bulb
- M2 Right tail light bulb
- MX6 Right tail light 2
- M17 Right reversing light bulb
- T4cn 4-pin connector, brown
- T73a 73-pin connector, black
- T73c 73-pin connector, black
- 396 Earth connection 31, in main wiring harness

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

Tail lights , (8SA)

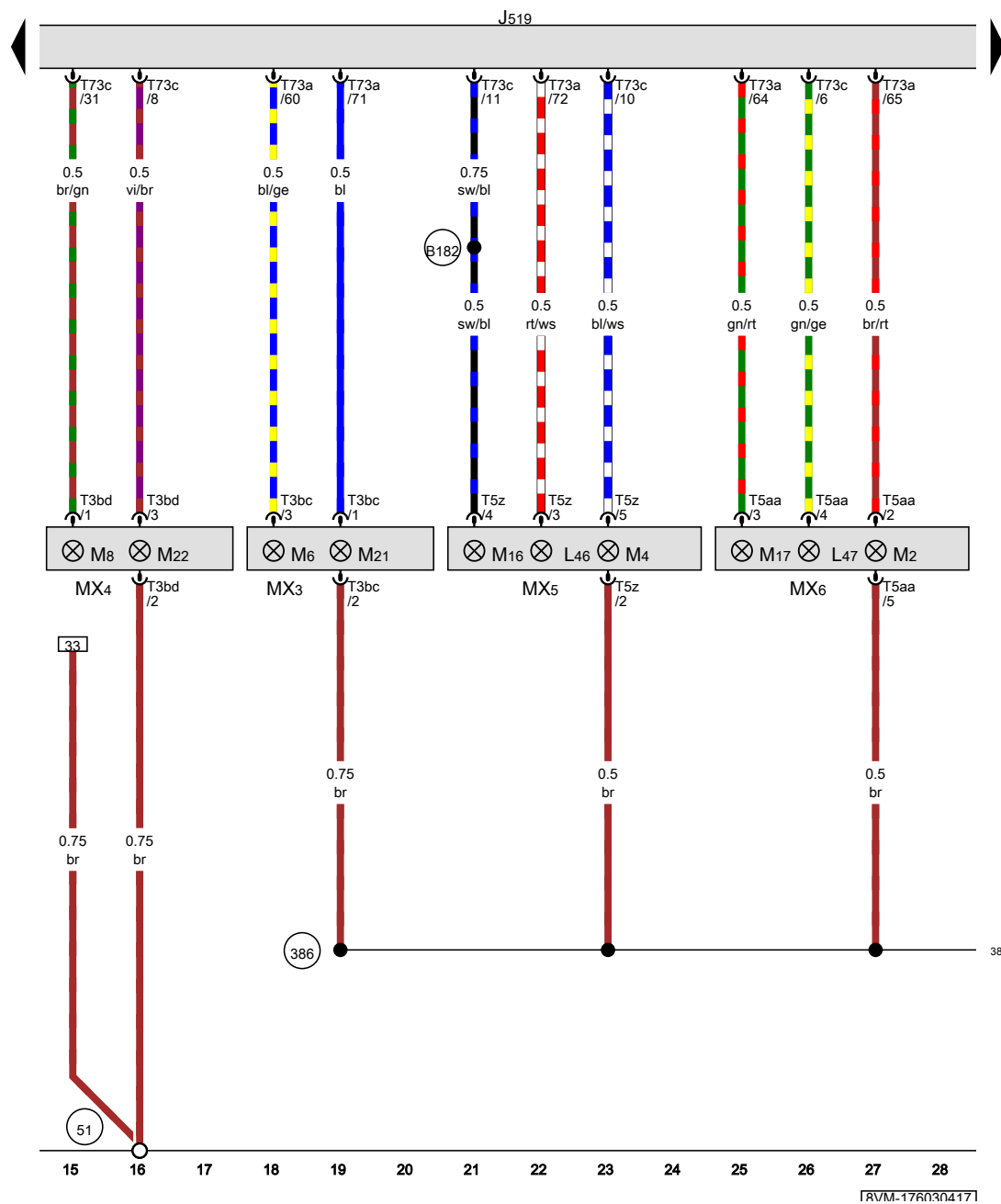
From May 2016

Onboard supply control unit, High-level brake light bulb



- J519 Onboard supply control unit
- M25 High-level light bulb
- SC11 Fuse 11 on fuse holder C
- SC23 Fuse 23 on fuse holder C
- SC24 Fuse 24 on fuse holder C
- SC27 Fuse 27 on fuse holder C
- SC31 Fuse 31 on fuse holder C
- SC42 Fuse 42 on fuse holder C
- SC43 Fuse 43 on fuse holder C
- T2ka 2-pin connector, black
- T4ds 4-pin connector, red
- T73a 73-pin connector, black
- T73c 73-pin connector, black
- 369 Earth connection 4, in main wiring harness
- 639 Earth point, left A-pillar
- * According to equipment
- *2 From May 2017
- *3 Up to April 2017

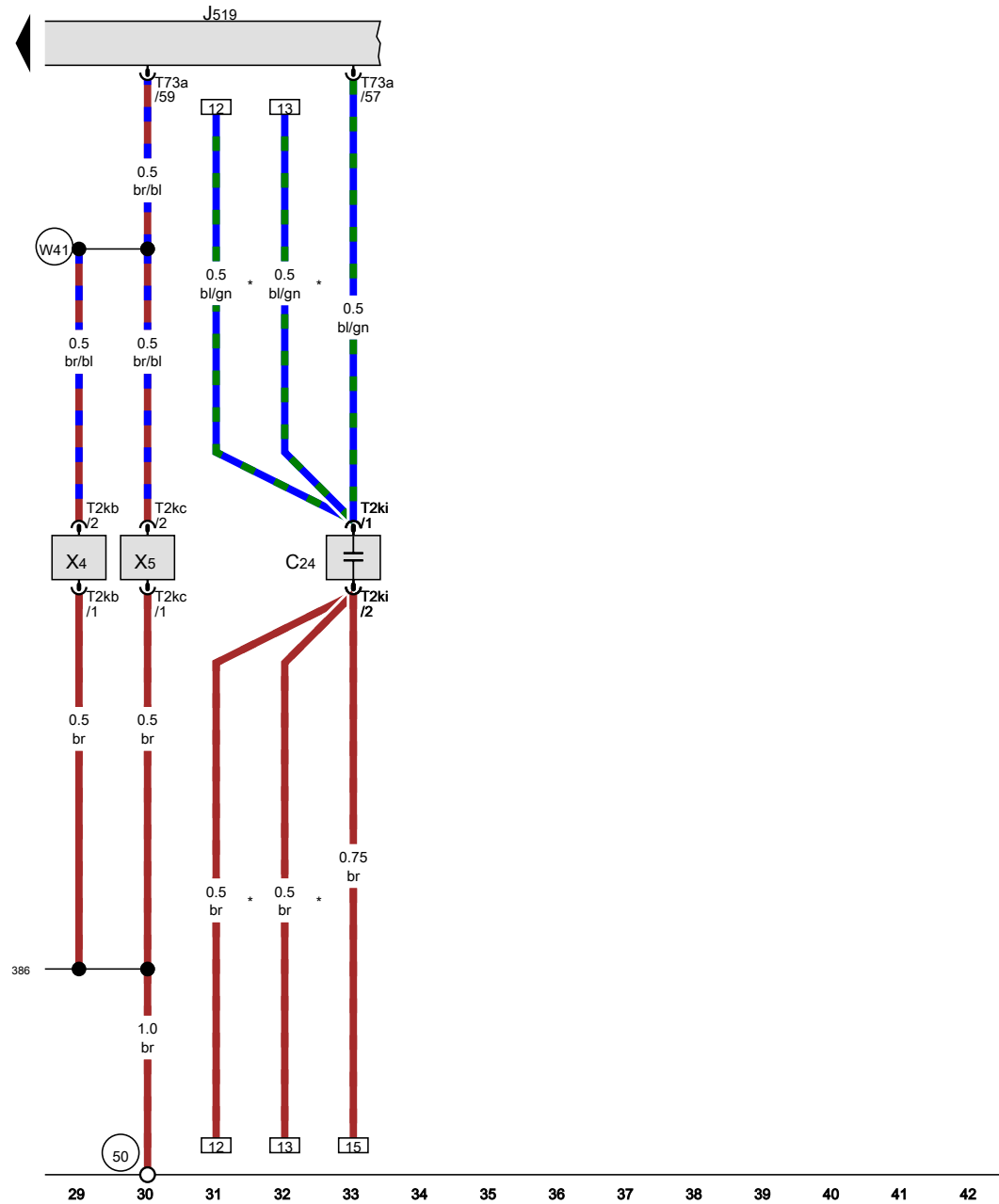
ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



Onboard supply control unit, Rear left fog light bulb, Rear right fog light bulb, Right tail light bulb, Left tail light bulb, Rear left turn signal bulb, Rear right turn signal bulb, Left reversing light bulb, Right reversing light bulb, Left brake and tail light bulb, Right brake and tail light bulb

- J519 Onboard supply control unit
- L46 Rear left fog light bulb
- L47 Rear right fog light bulb
- M2 Right tail light bulb
- MX3 Left tail light
- M4 Left tail light bulb
- MX4 Right tail light
- MX5 Left tail light 2
- M6 Rear left turn signal bulb
- MX6 Right tail light 2
- M8 Rear right turn signal bulb
- M16 Left reversing light bulb
- M17 Right reversing light bulb
- M21 Left brake and tail light bulb
- M22 Right brake and tail light bulb
- T3bc 3-pin connector, black
- T3bd 3-pin connector, black
- T5aa 5-pin connector, blue
- T5z 5-pin connector, blue
- T73a 73-pin connector, black
- T73c 73-pin connector, black

- 51 Earth point, on right in luggage compartment
- 386 Earth connection 21, in main wiring harness
- B182 Connection (RL), in interior wiring harness



Onboard supply control unit

- C24 Suppression filter
- J519 Onboard supply control unit
- T2kb 2-pin connector, white
- T2kc 2-pin connector, white
- T2ki 2-pin connector
- T73a 73-pin connector, black
- X4 Left number plate light
- X5 Right number plate light
- 50 Earth point, on left in luggage compartment
- 386 Earth connection 21, in main wiring harness
- W41 Positive connection (58), in number plate lights wiring harness
- * According to equipment

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

[8VM-176040417]



Tail lights , (8SA)

From May 2016

Onboard supply control unit

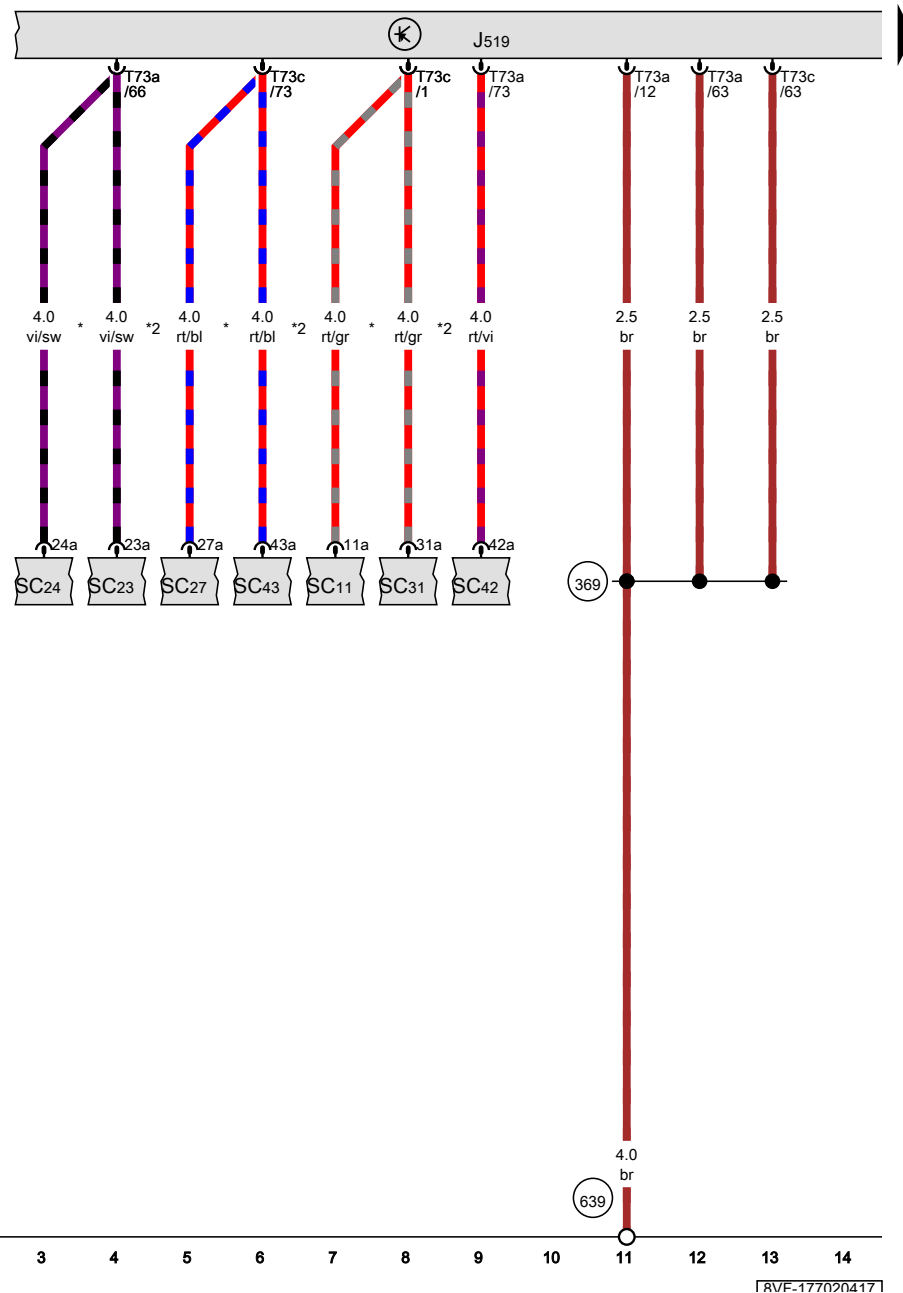
- J519 Onboard supply control unit
- SC11 Fuse 11 on fuse holder C
- SC23 Fuse 23 on fuse holder C
- SC24 Fuse 24 on fuse holder C
- SC27 Fuse 27 on fuse holder C
- SC31 Fuse 31 on fuse holder C
- SC42 Fuse 42 on fuse holder C
- SC43 Fuse 43 on fuse holder C
- T73a 73-pin connector
- T73c 73-pin connector

369 Earth connection 4, in main wiring harness

639 Earth point, left A-pillar

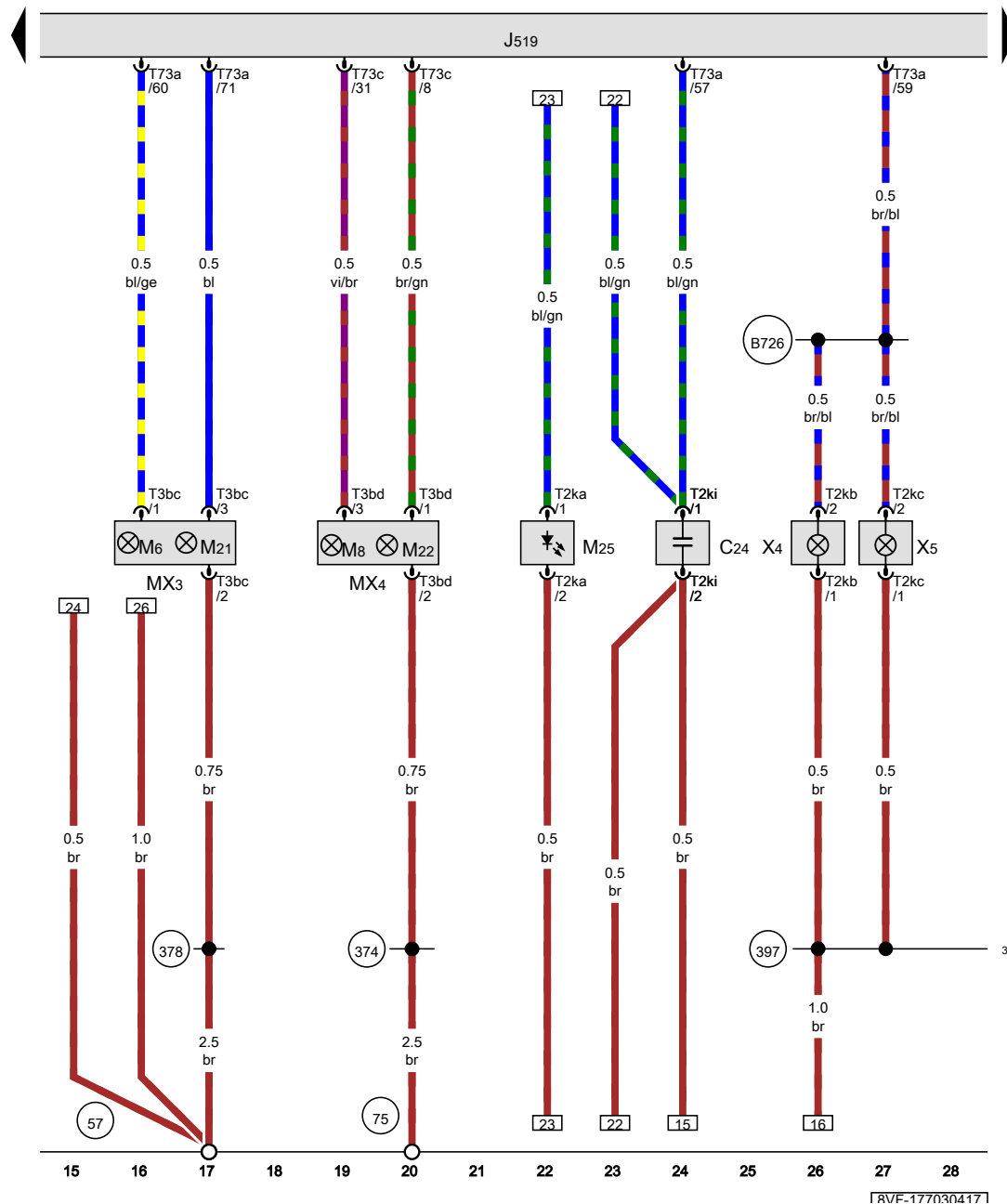
* From May 2017

*2 Up to April 2017



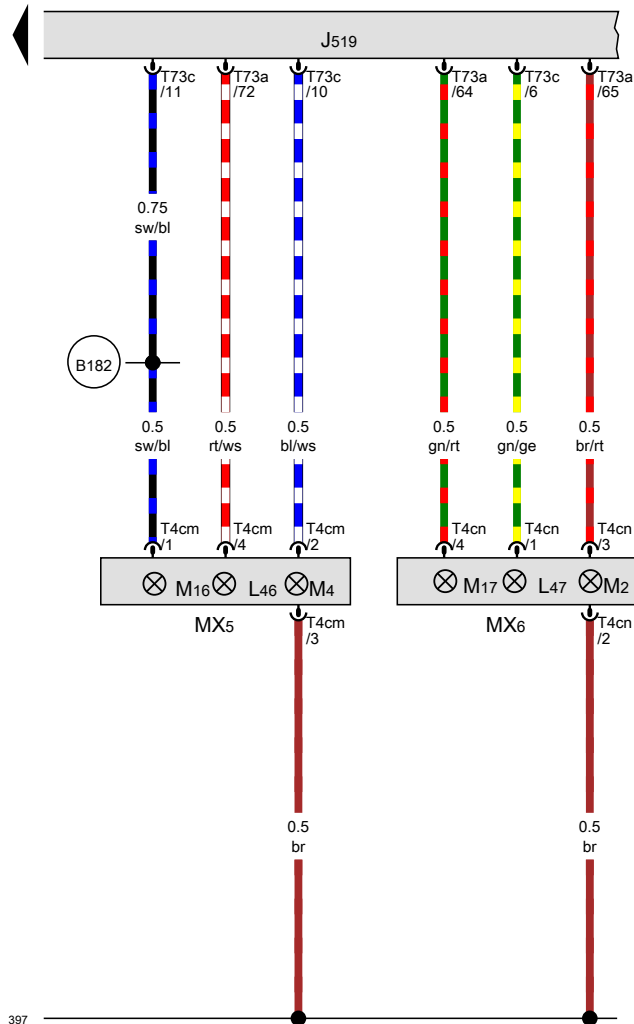
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Onboard supply control unit, Rear left turn signal bulb, Rear right turn signal bulb, Left brake and tail light bulb, Right brake and tail light bulb, High-level brake light bulb



- C24 Suppression filter
- J519 Onboard supply control unit
- MX3 Left tail light
- MX4 Right tail light
- M6 Rear left turn signal bulb
- M8 Rear right turn signal bulb
- M21 Left brake and tail light bulb
- M22 Right brake and tail light bulb
- M25 High-level brake light bulb
- T2ka 2-pin connector
- T2kb 2-pin connector, white
- T2kc 2-pin connector, white
- T2ki 2-pin connector
- T3bc 3-pin connector, black
- T3bd 3-pin connector, black
- T73a 73-pin connector
- T73c 73-pin connector
- X4 Left number plate light
- X5 Right number plate light
- 57 Earth point, rear left pillar
- 75 Earth point, rear right pillar
- 374 Earth connection 9, in main wiring harness
- 378 Earth connection 13, in main wiring harness
- 397 Earth connection 32, in main wiring harness
- B726 Positive connection 2 (58), in main wiring harness

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



Onboard supply control unit, Rear left fog light bulb, Rear right fog light bulb, Right tail light bulb, Left tail light bulb, Left reversing light bulb, Right reversing light bulb

- J519 Onboard supply control unit
- L46 Rear left fog light bulb
- L47 Rear right fog light bulb
- M2 Right tail light bulb
- M4 Left tail light bulb
- MX5 Left tail light 2
- MX6 Right tail light 2
- M16 Left reversing light bulb
- M17 Right reversing light bulb
- T4cm 4-pin connector, brown
- T4cn 4-pin connector, brown
- T73a 73-pin connector
- T73c 73-pin connector

397 Earth connection 32, in main wiring harness

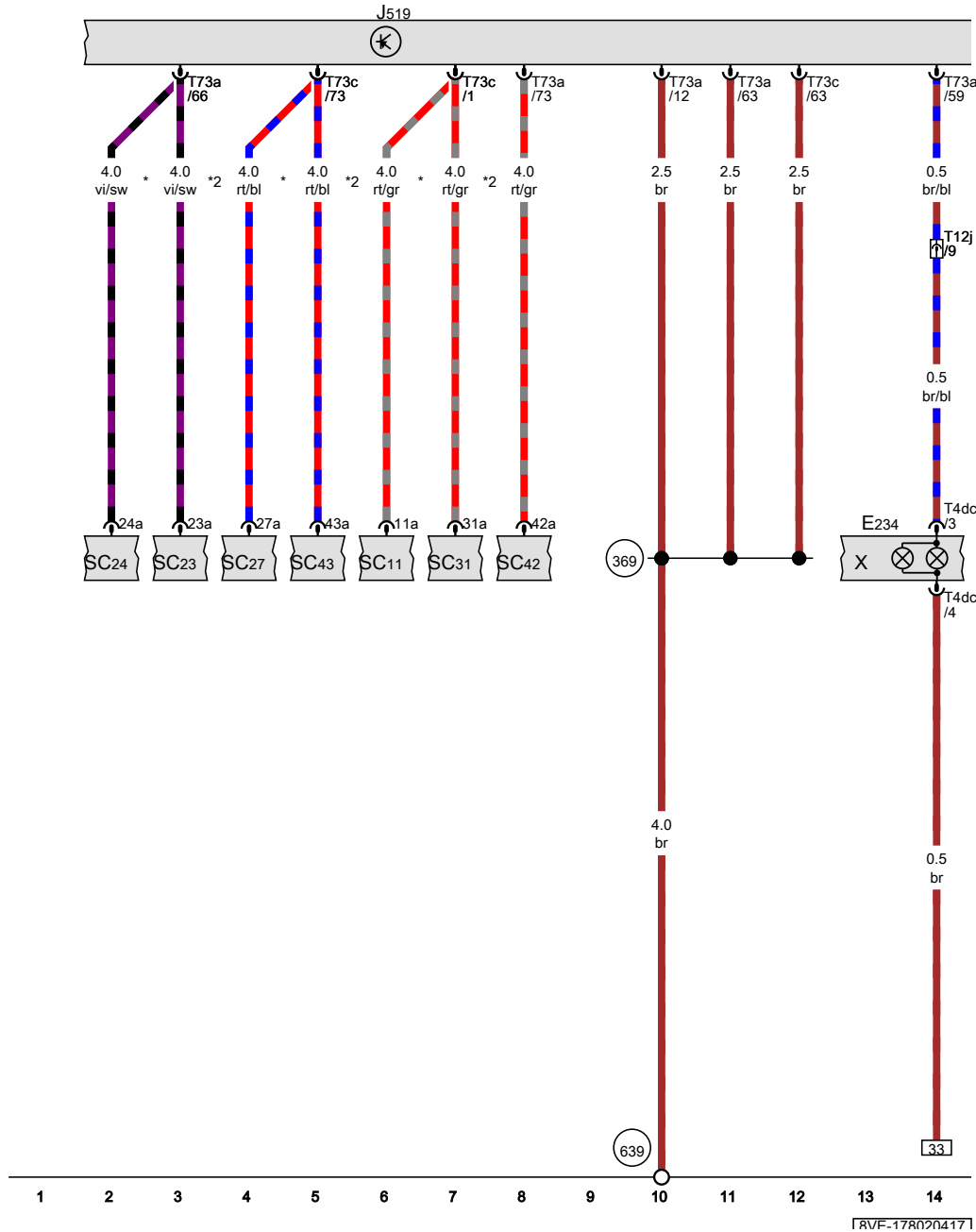
B182 Connection (RL), in interior wiring harness

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Tail lights , (8SA)

From May 2016

Rear lid handle release button, Onboard supply control unit, Number plate light

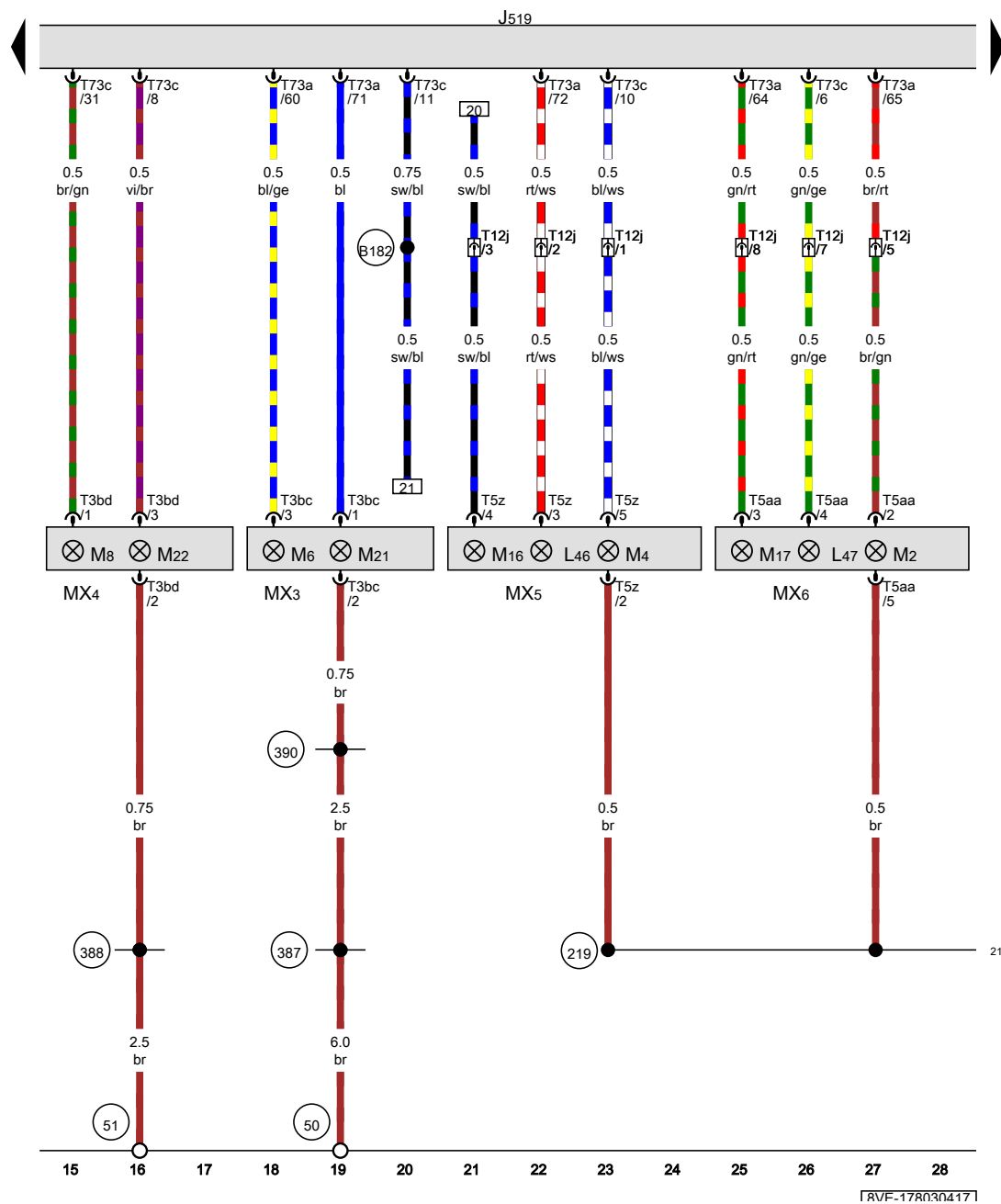


- E234 Rear lid handle release button
- J519 Onboard supply control unit
- SC11 Fuse 11 on fuse holder C
- SC23 Fuse 23 on fuse holder C
- SC24 Fuse 24 on fuse holder C
- SC27 Fuse 27 on fuse holder C
- SC31 Fuse 31 on fuse holder C
- SC42 Fuse 42 on fuse holder C
- SC43 Fuse 43 on fuse holder C
- T4dc 4-pin connector, black
- T12j 12-pin connector, black
- T73a 73-pin connector, black
- T73c 73-pin connector, black
- X Number plate light

369 Earth connection 4, in main wiring harness

639 Earth point, left A-pillar

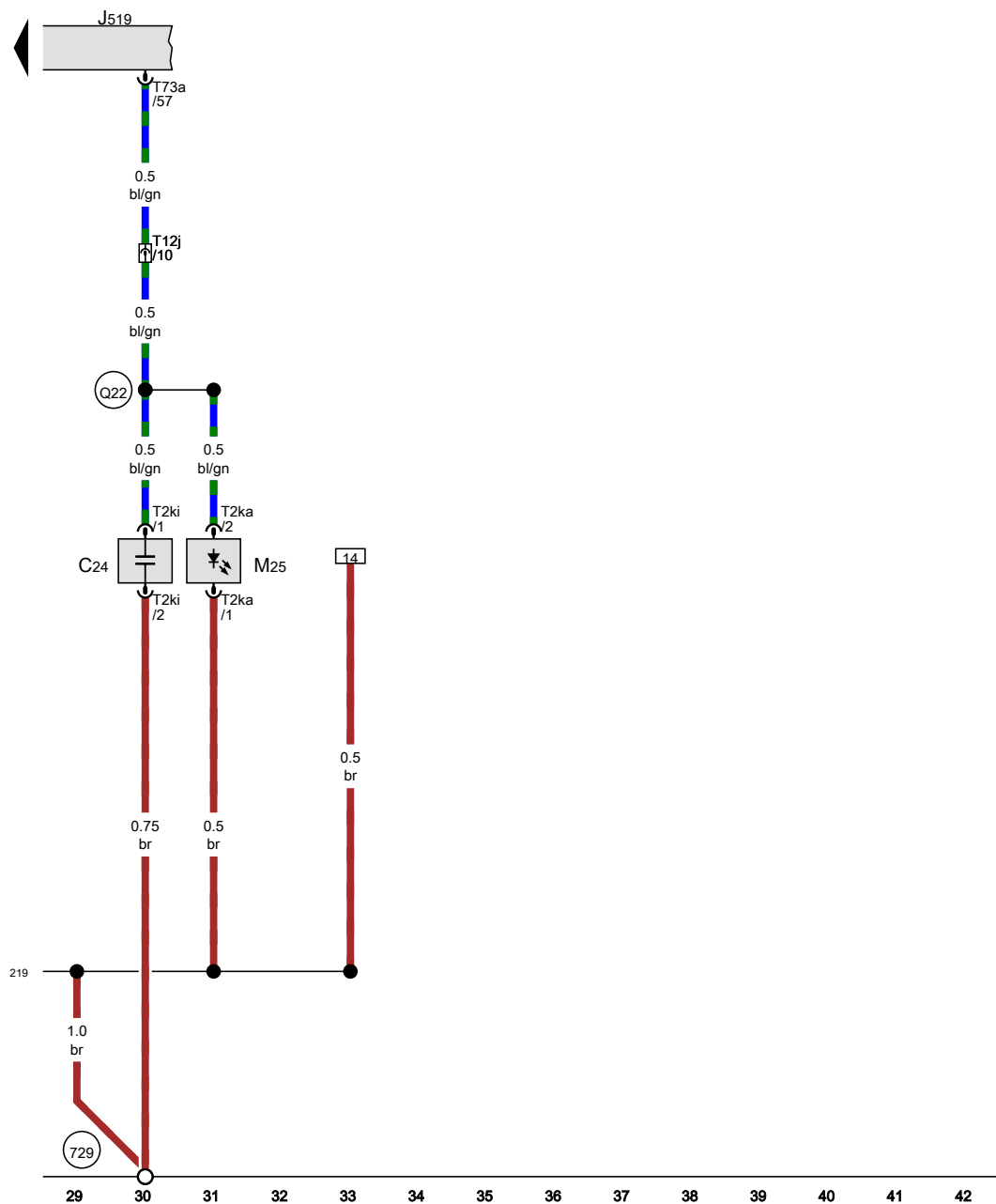
* From May 2017
*2 Up to April 2017



Onboard supply control unit, Rear left fog light bulb, Rear right fog light bulb, Right tail light bulb, Left tail light bulb, Rear left turn signal bulb, Rear right turn signal bulb, Left reversing light bulb, Right reversing light bulb, Left brake and tail light bulb, Right brake and tail light bulb

- J519 Onboard supply control unit
- L46 Rear left fog light bulb
- L47 Rear right fog light bulb
- M2 Right tail light bulb
- MX3 Left tail light
- MX4 Right tail light
- M4 Left tail light bulb
- MX5 Left tail light 2
- MX6 Right tail light 2
- M6 Rear left turn signal bulb
- M8 Rear right turn signal bulb
- M16 Left reversing light bulb
- M17 Right reversing light bulb
- M21 Left brake and tail light bulb
- M22 Right brake and tail light bulb
- T3bc 3-pin connector, black
- T3bd 3-pin connector, black
- T5aa 5-pin connector, blue
- T5z 5-pin connector, blue
- T12j 12-pin connector, black
- T73a 73-pin connector, black
- T73c 73-pin connector, black

- 50 Earth point, on left in luggage compartment
- 51 Earth point, on right in luggage compartment
- 219 Earth connection 2, in rear lid wiring harness
- 387 Earth connection 22, in main wiring harness
- 388 Earth connection 23, in main wiring harness
- 390 Earth connection 25, in main wiring harness
- B182 Connection (RL), in interior wiring harness



Onboard supply control unit, High-level brake light bulb

- C24 Suppression filter
- J519 Onboard supply control unit
- M25 High-level brake light bulb
- T2ka 2-pin connector, black
- T2ki 2-pin connector
- T12j 12-pin connector, black
- T73a 73-pin connector, black

219 Earth connection 2, in rear lid wiring harness

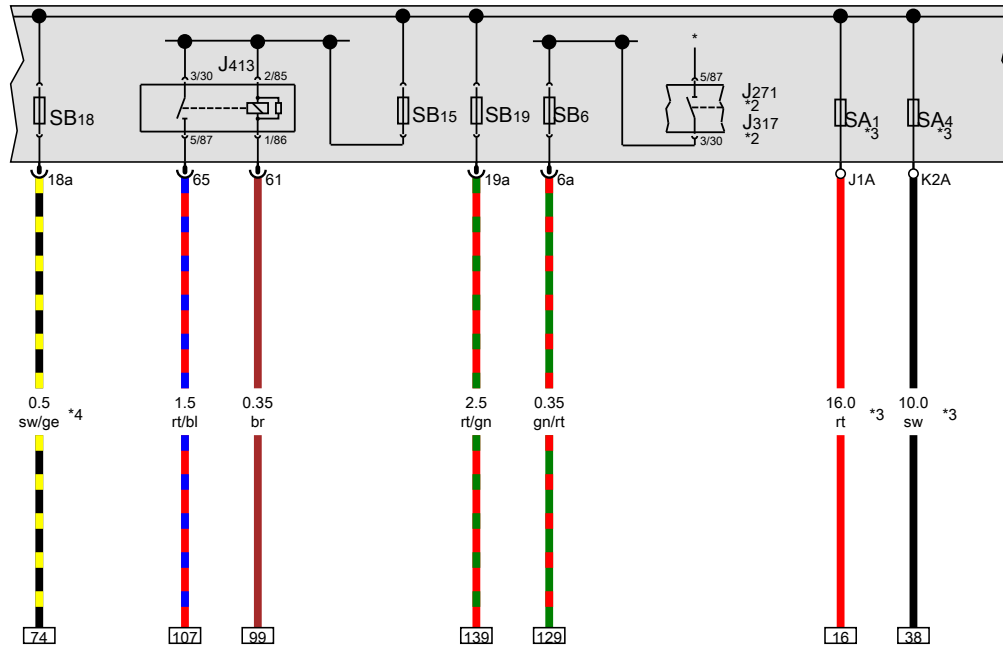
729 Earth point, on left rear wheel housing

Q22 Connection 1, in rear lid wiring harness

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Basic equipment , (L0R)

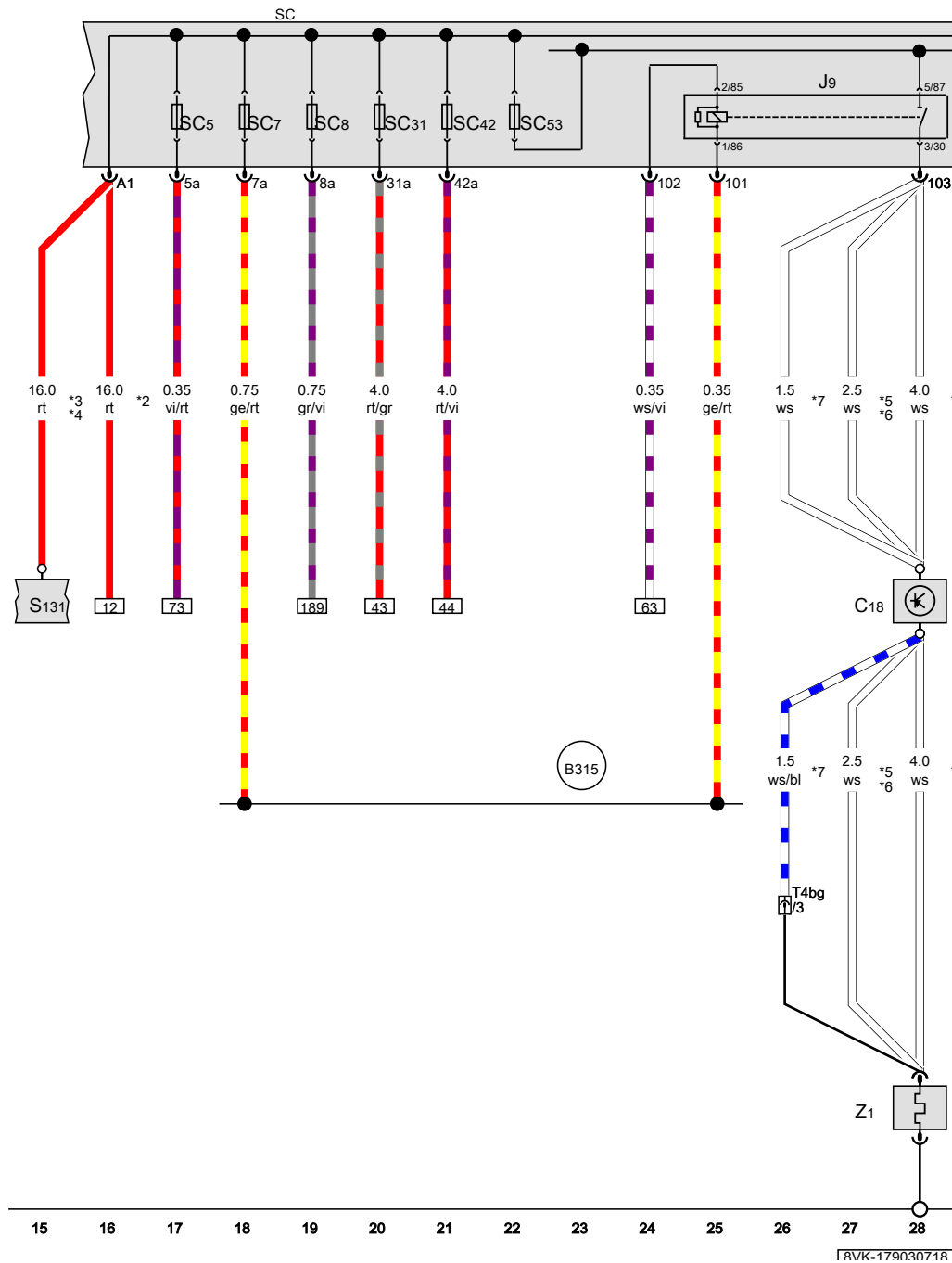
From May 2016



Main relay, Terminal 30 voltage supply relay, Horn relay

- J271 Main relay
- J317 Terminal 30 voltage supply relay
- J413 Horn relay
- SA1 Fuse 1 on fuse holder A
- SA4 Fuse 4 on fuse holder A
- SB6 Fuse 6 on fuse holder B
- SB15 Fuse 15 on fuse holder B
- SB18 Fuse 18 on fuse holder B
- SB19 Fuse 19 on fuse holder B
- * see applicable current flow diagram for engine
- *2 According to equipment
- *3 Not for RS 3 models
- *4 For models with no start/stop system

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



Heated rear window relay, Fuse holder C, Heated rear window

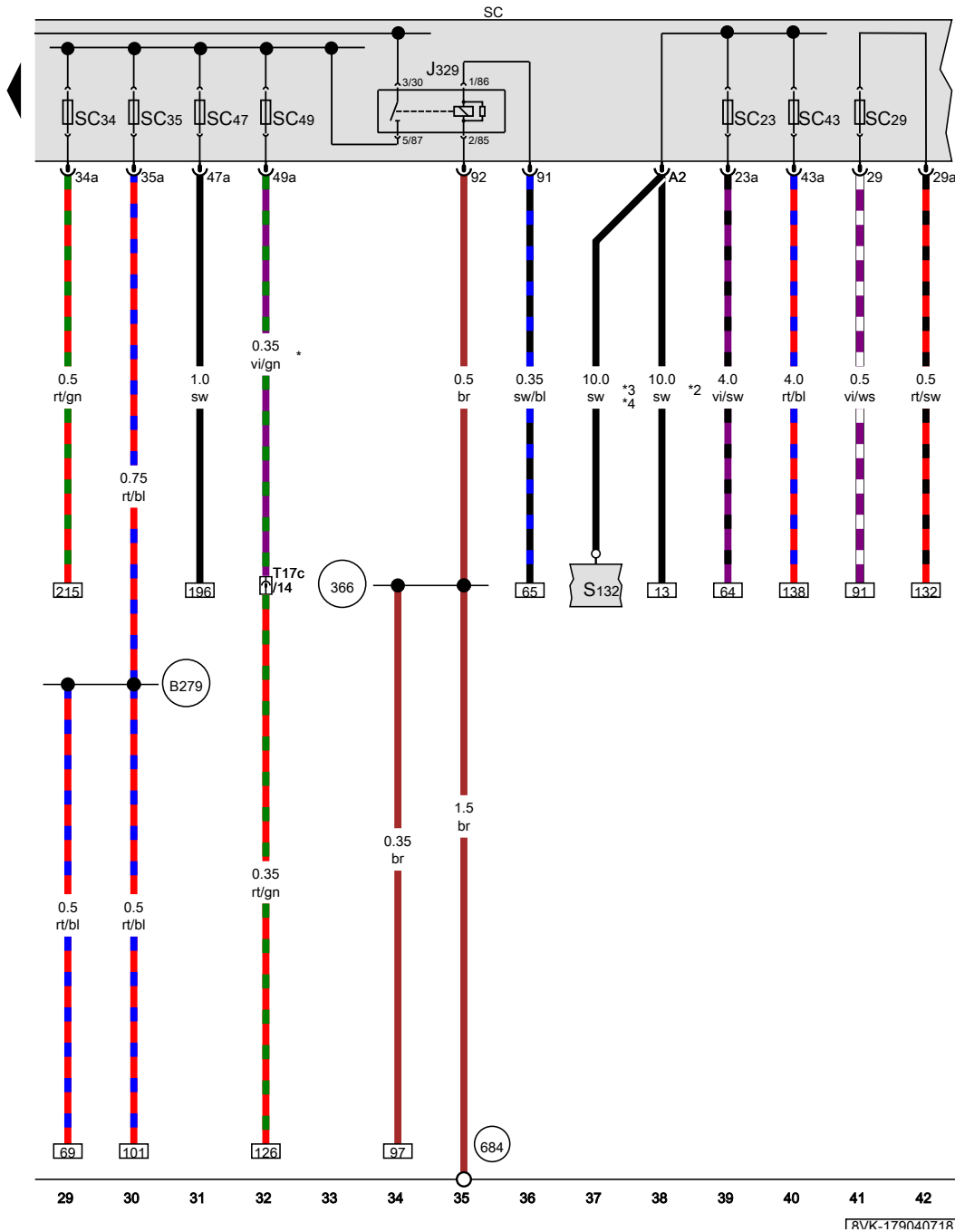
- C18 Window aerial suppression filter
- J9 Heated rear window relay
- SC Fuse holder C
- SC5 Fuse 5 on fuse holder C
- SC7 Fuse 7 on fuse holder C
- SC8 Fuse 8 on fuse holder C
- SC31 Fuse 31 on fuse holder C
- SC42 Fuse 42 on fuse holder C
- SC53 Fuse 53 on fuse holder C
- S131 Fuse 1
- T4bg 4-pin connector
- Z1 Heated rear window

B315 Positive connection 1 (30a) in main wiring harness

- * For models with 4 doors
- *2 Not for RS 3 models
- *3 For RS 3 models
- *4 see applicable current flow diagram for battery
- *5 For models with 3 doors
- *6 For models with 5 doors
- *7 For Cabriolet models

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

1RVK-1790307181



Terminal 15 voltage supply relay, Fuse holder C

J329 Terminal 15 voltage supply relay

SC Fuse holder C

SC23 Fuse 23 on fuse holder C

SC29 Fuse 29 on fuse holder C

SC34 Fuse 34 on fuse holder C

SC35 Fuse 35 on fuse holder C

SC43 Fuse 43 on fuse holder C

SC47 Fuse 47 on fuse holder C

SC49 Fuse 49 on fuse holder C

S132 Fuse 2

T17c 17-pin connector, red

366 Earth connection 1, in main wiring harness

684 Earth point on front of left side member

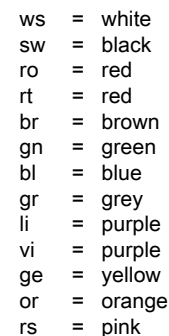
B279 Positive connection 3 (15a) in main wiring harness

* For models with no hybrid drive system

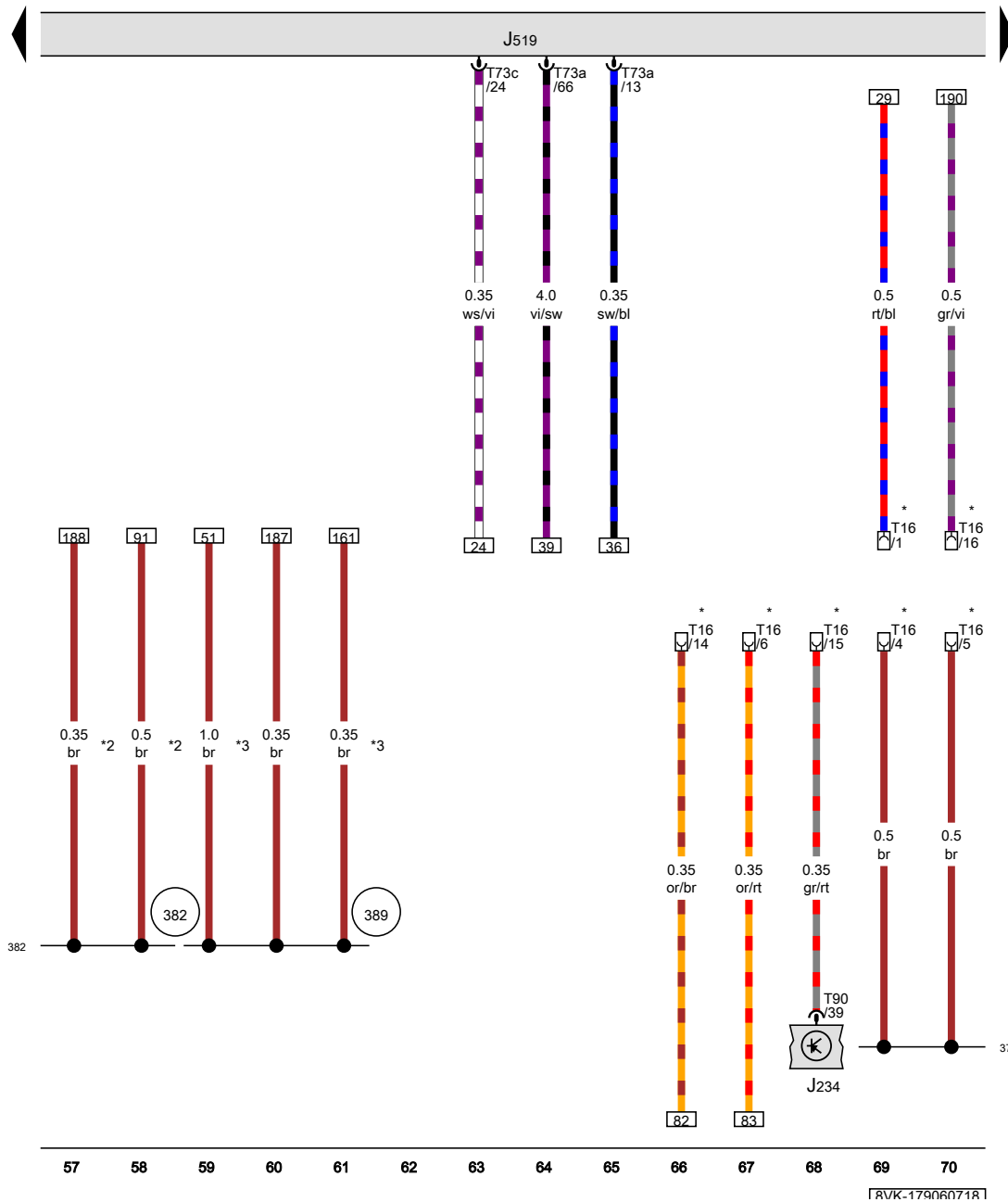
*2 Not for RS 3 models

*3 For RS 3 models

*4 see applicable current flow diagram for battery



*5 For RS 3 models

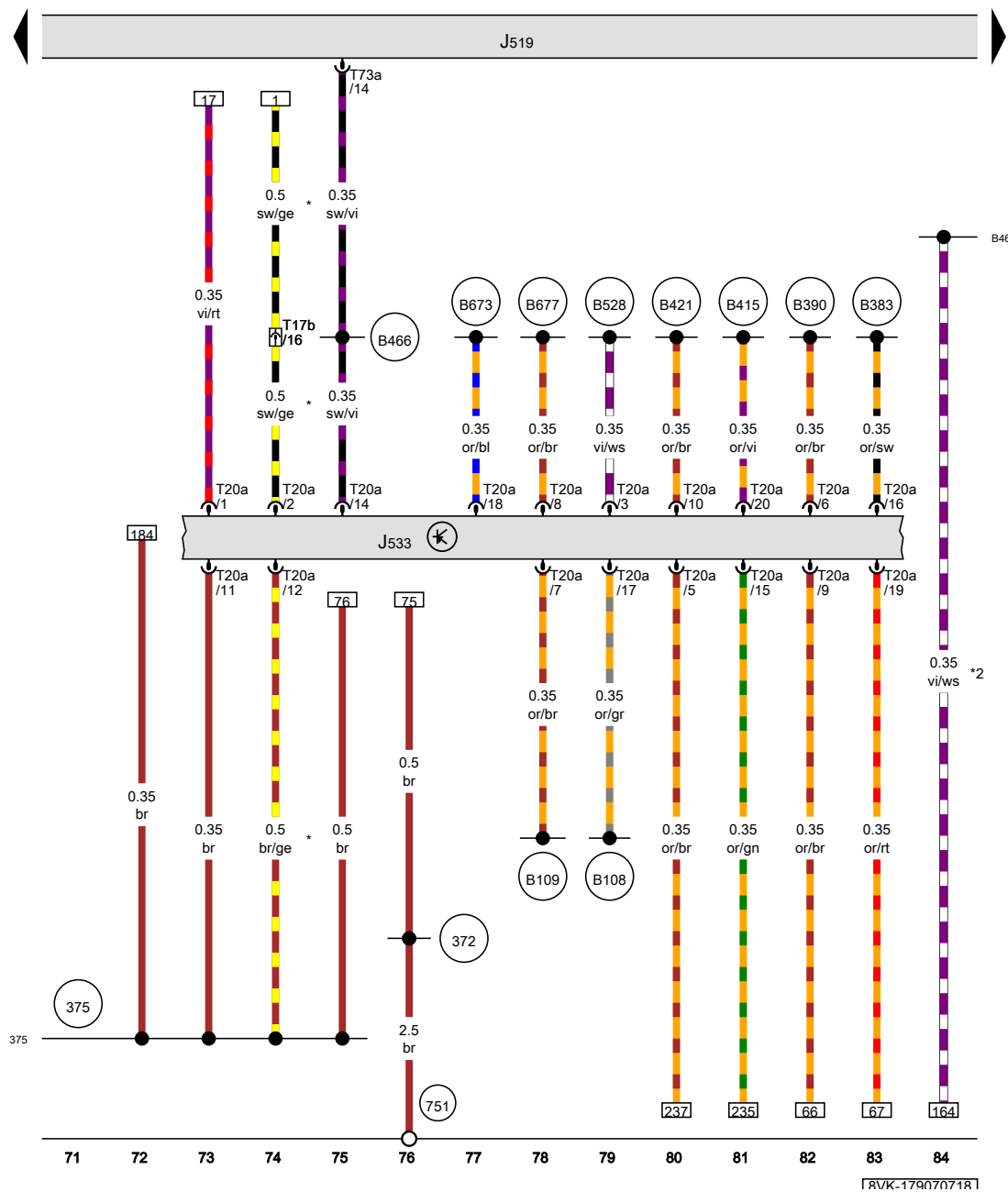


Onboard supply control unit

- J234 Airbag control unit
- J519 Onboard supply control unit
- T16 16-pin connector
- T73a 73-pin connector, black
- T73c 73-pin connector, black
- T90 90-pin connector, yellow

- 375 Earth connection 10, in main wiring harness
- 382 Earth connection 17, in main wiring harness
- 389 Earth connection 24, in main wiring harness
- * Diagnostic connection
- *2 For models with 4 doors
- *3 For Cabriolet models

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

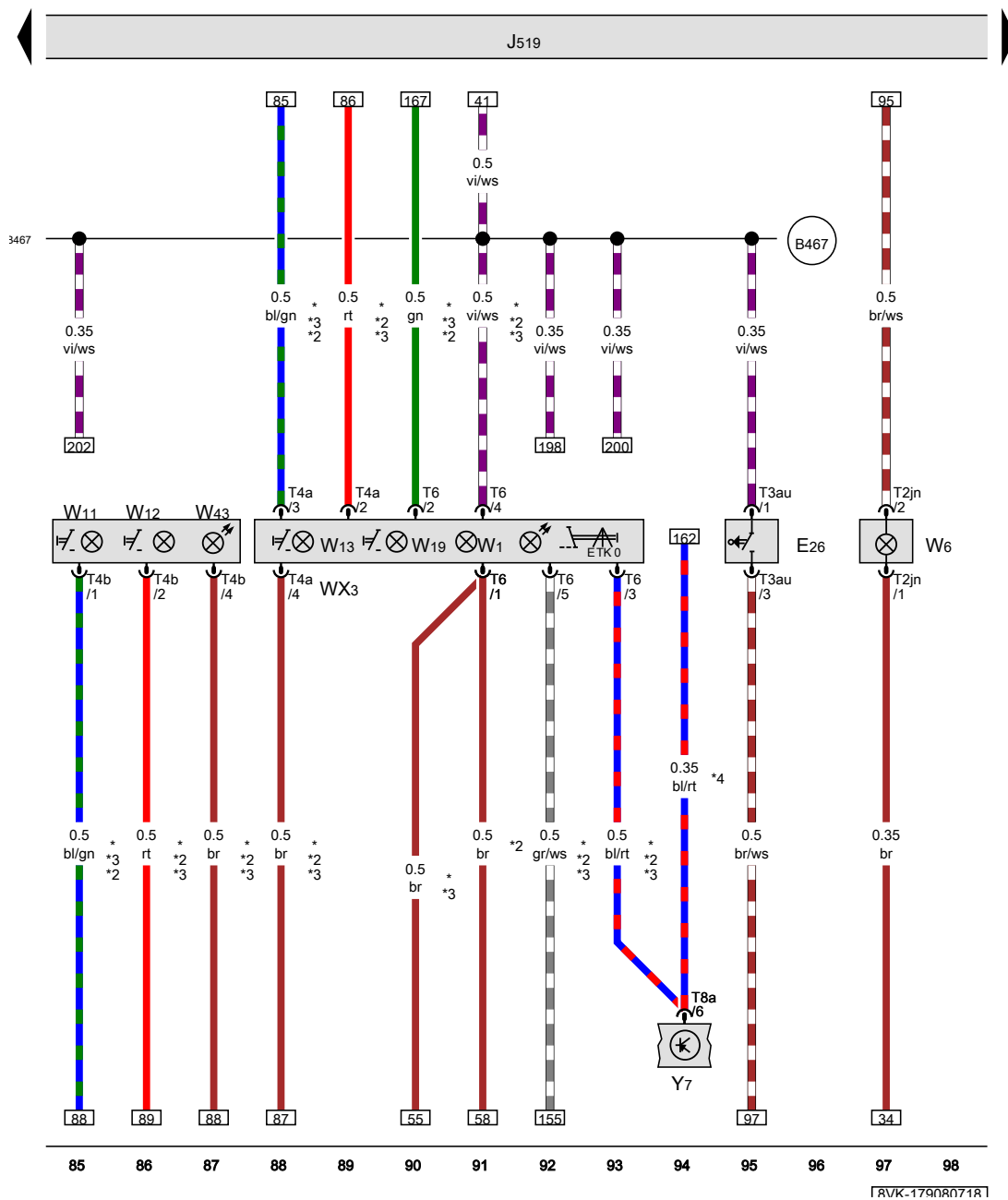


Onboard supply control unit, Data bus diagnostic interface

- J519 Onboard supply control unit
- J533 Data bus diagnostic interface
- T17b 17-pin connector, brown
- T20a 20-pin connector, red
- T73a 73-pin connector, black

- 372 Earth connection 7, in main wiring harness
- 375 Earth connection 10, in main wiring harness
- 751 Earth point 2, on right A-pillar
- B108 Connection 1 (CAN bus extended high), in main wiring harness
- B109 Connection 1 (CAN bus extended low), in main wiring harness
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- B415 Connection 1 (infotainment CAN bus, high), in main wiring harness
- B421 Connection 1 (infotainment CAN bus, low), in main wiring harness
- B466 Connection 2, in main wiring harness
- B467 Connection 3, in main wiring harness
- B528 Connection 1 (LIN bus) in main wiring harness
- B673 Connection 2 (running gear/dash panel insert CAN bus, high), in main wiring harness
- B677 Connection 2 (running gear/dash panel insert CAN bus, low), in main wiring harness
- * For models with no start/stop system
- *2 For Cabriolet models

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

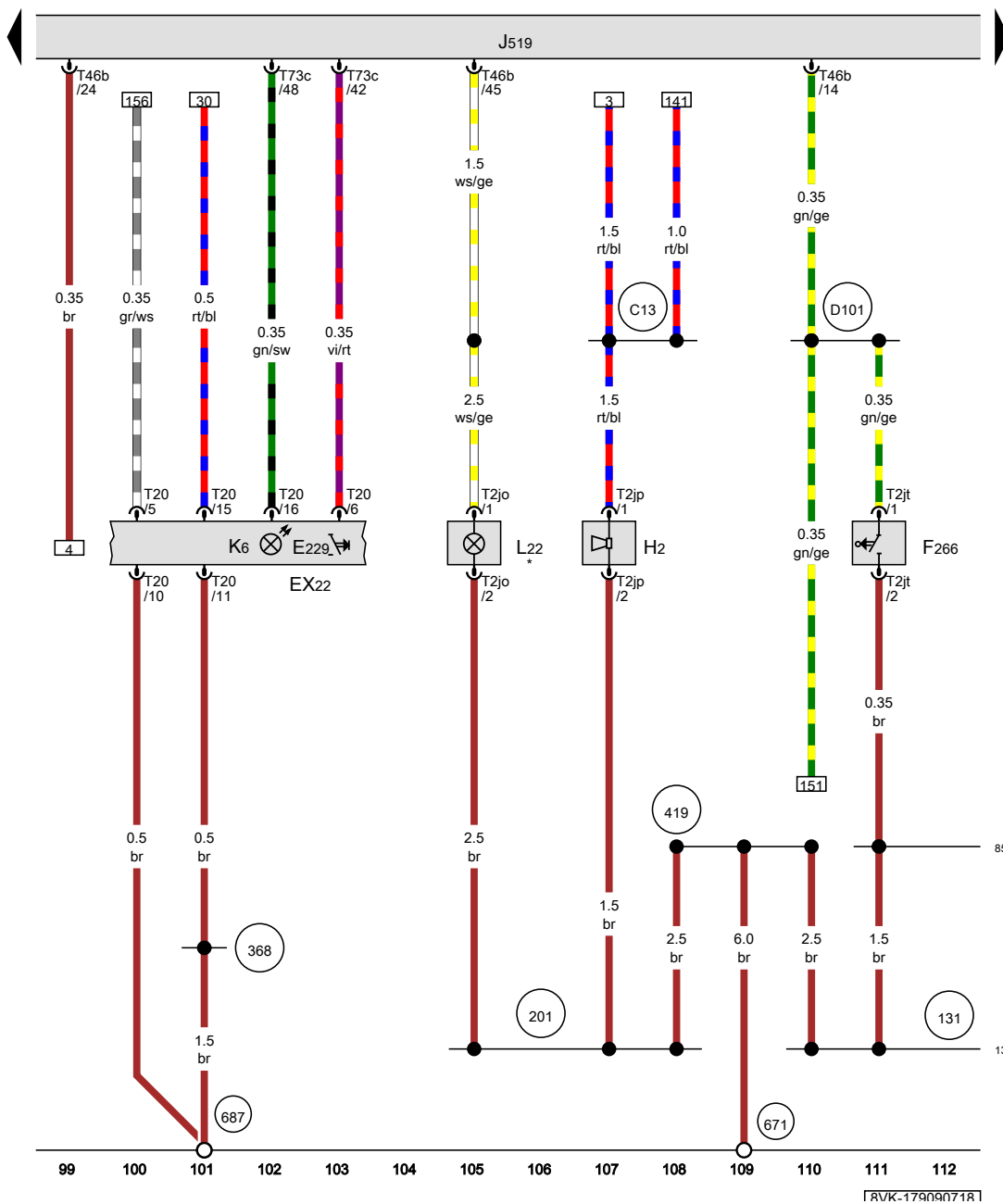


Glove compartment light switch, Onboard supply control unit, Front roof module, Glove compartment light, Rear interior light

- E26 Glove compartment light switch
- J519 Onboard supply control unit
- T2jn 2-pin connector, white
- T3au 3-pin connector, black
- T4a 4-pin connector
- T4b 4-pin connector
- T6 6-pin connector, black
- T8a 8-pin connector, black
- W1 Front interior light
- WX3 Front roof module
- W6 Glove compartment light
- W11 Rear left reading light
- W12 Rear right reading light
- W13 Front passenger reading light
- W19 Driver side reading light
- W43 Rear interior light
- Y7 Automatic anti-dazzle interior mirror

B467 Connection 3, in main wiring harness

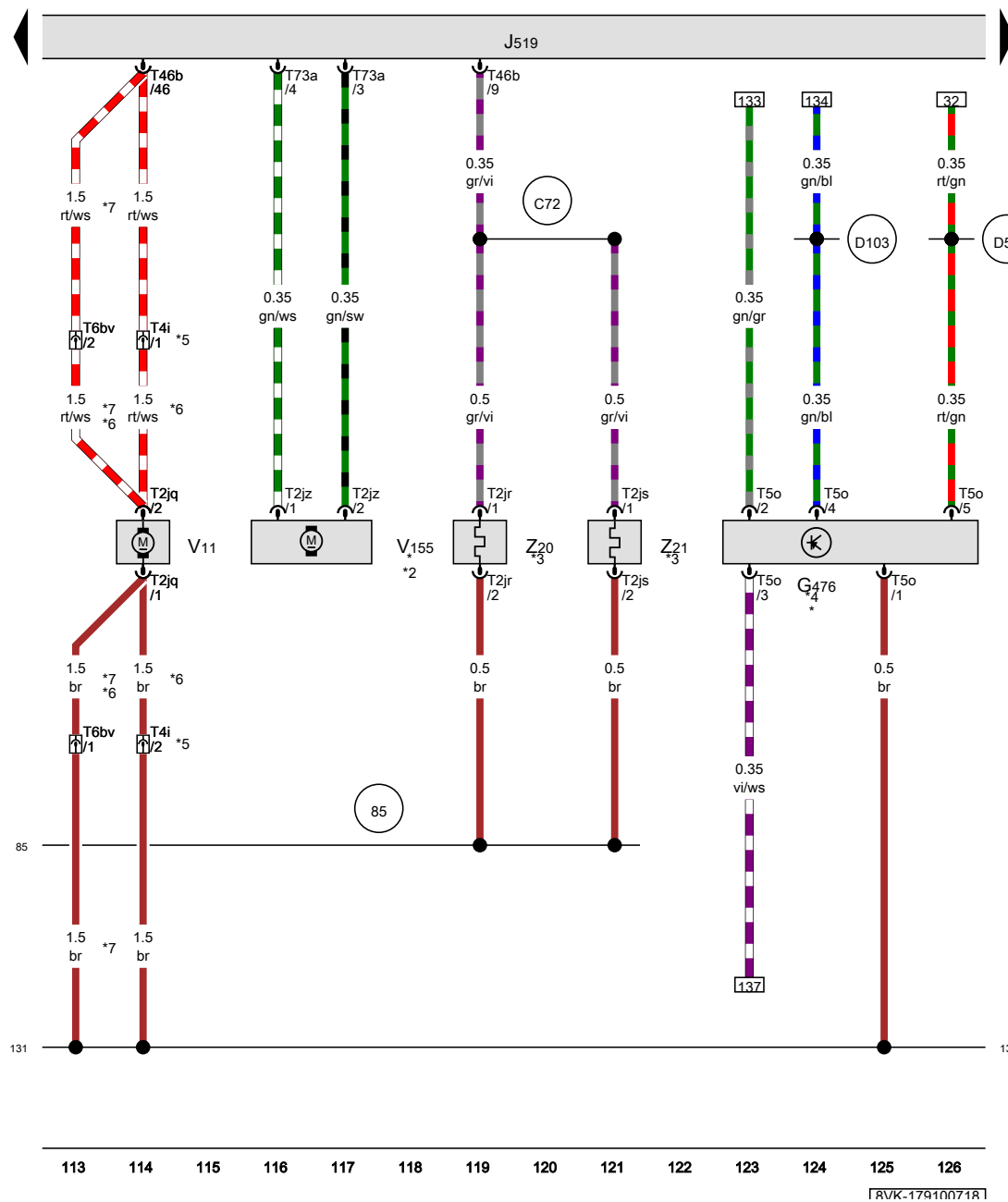
- * For models with 3 doors
- *2 For models with 4 doors
- *3 For models with 5 doors
- *4 For Cabriolet models



Centre switch module in dash panel, Hazard warning lights button, Bonnet contact switch, Treble horn, Onboard supply control unit, Left fog light bulb

- EX22 Centre switch module in dash panel
- E229 Hazard warning lights button
- F266 Bonnet contact switch
- H2 Treble horn
- J519 Onboard supply control unit
- K6 Indicator lamp for hazard warning light
- L22 Left fog light bulb
- T2jo 2-pin connector, black
- T2jp 2-pin connector, black
- T2jt 2-pin connector, black
- T20 20-pin connector, red
- T46b 46-pin connector, black
- T73c 73-pin connector, black

- 85 Earth connection 1, in engine compartment wiring harness
- 131 Earth connection 2, in engine compartment wiring harness
- 201 Earth connection 5, in engine compartment wiring harness
- 368 Earth connection 3, in main wiring harness
- 419 Earth connection 11, in engine compartment wiring harness
- 671 Earth point 1, on front of left longitudinal member
- 687 Earth point 1, on centre tunnel
- C13 Positive connection in dual tone horn wiring harness
- D101 Connection 1 in engine compartment wiring harness
- * For models with fog lights

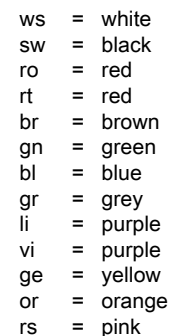


Clutch position sender, Onboard supply control unit, Headlight washer system pump, Tank filler flap locking motor, Left washer jet heater element, Right washer jet heater element

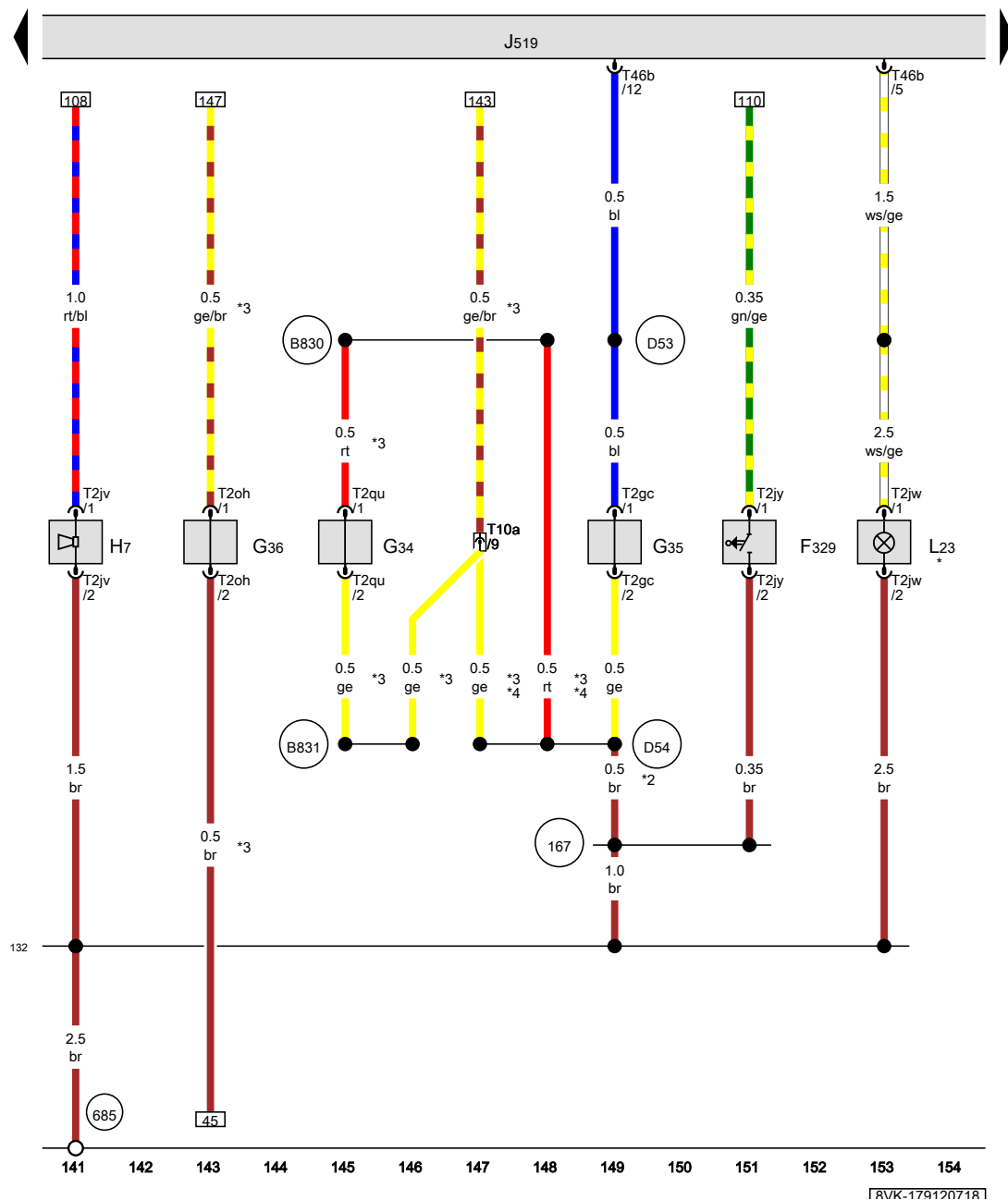
- G476 Clutch position sender
- J519 Onboard supply control unit
- T2jq 2-pin connector, black
- T2jr 2-pin connector, black
- T2js 2-pin connector, black
- T2jz 2-pin connector, black
- T4i 4-pin connector, black
- T5o 5-pin connector, black
- T6bv 6-pin connector, black
- T46b 46-pin connector, black
- T73a 73-pin connector, black
- V11 Headlight washer system pump
- V155 Tank filler flap locking motor
- Z20 Left washer jet heater element
- Z21 Right washer jet heater element

- 85 Earth connection 1, in engine compartment wiring harness
- 131 Earth connection 2, in engine compartment wiring harness
- C72 Positive connection in heated washer jet wiring harness
- D52 Positive connection (15a), in engine compartment wiring harness
- D103 Connection 3 in engine compartment wiring harness

- * For models with no hybrid drive system
- *2 see applicable current flow diagram for high-voltage system
- *3 For models with heater element for washer jets
- *4 For models with manual gearbox
- *5 According to equipment
- *6 Wiring colour depends on equipment
- *7 For RS 3 models



F	Brake light switch
F47	Brake pedal switch
F63	Brake pedal switch
J104	ABS control unit
J400	Wiper motor control unit
J519	Onboard supply control unit
J623	Engine/motor control unit
T4cd	4-pin connector, black
T4cl	4-pin connector, black
T17c	17-pin connector, red
T46a	46-pin connector
T46b	46-pin connector, black
T73c	73-pin connector, black
V	Windscreen wiper motor
131	Earth connection 2, in engine compartment wiring harness
132	Earth connection 3, in engine compartment wiring harness
B335	Connection 1 (54), in main wiring harness
D73	Positive connection (54), in engine compartment wiring harness
*	For models with no hybrid drive system
*2	see applicable current flow diagram for engine
*3	According to equipment

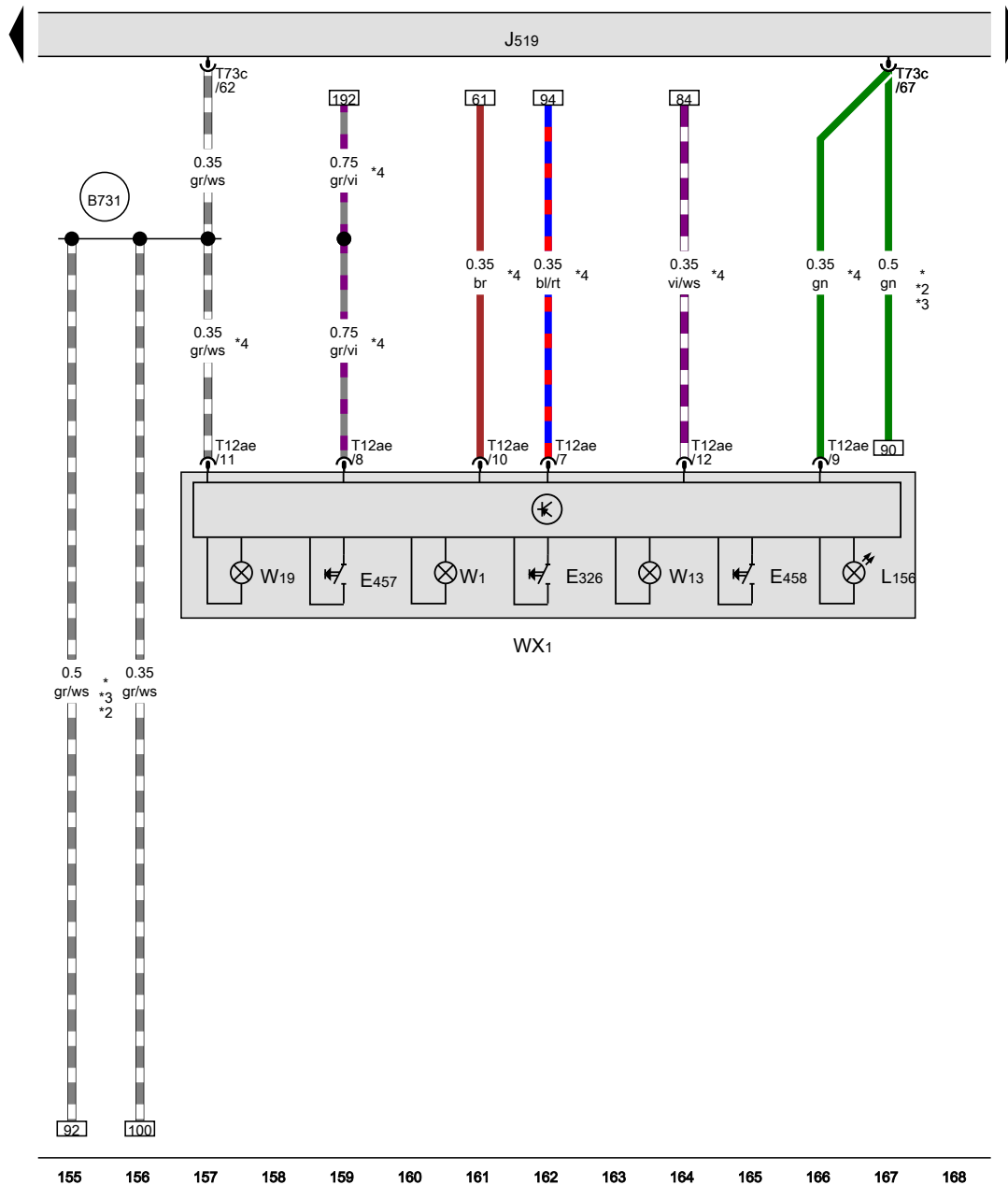


Bonnet contact switch 2, Front left brake pad wear sender, Front right brake pad wear sender, Bass horn, Onboard supply control unit, Right fog light bulb

- F329 Bonnet contact switch 2
- G34 Front left brake pad wear sender
- G35 Front right brake pad wear sender
- G36 Rear left brake pad wear sender
- H7 Bass horn
- J519 Onboard supply control unit
- L23 Right fog light bulb
- T2gc 2-pin connector
- T2jv 2-pin connector, black
- T2jw 2-pin connector, black
- T2jy 2-pin connector, black
- T2oh 2-pin connector, black
- T2qu 2-pin connector
- T10a 10-pin connector, white
- T46b 46-pin connector, black

- 132 Earth connection 3, in engine compartment wiring harness
- 167 Earth connection 4, in engine compartment wiring harness
- 685 Earth point 1, on front of right longitudinal member
- B830 Connection 5 (brake pad wear indicator), in main wiring harness
- B831 Connection 6 (brake pad wear indicator), in main wiring harness
- D53 Connection (right brake wear indicator), in engine compartment wiring harness
- D54 Connection (right brake wear indicator), in engine compartment wiring harness
- * For models with fog lights
- *2 Not for RS 3 models
- *3 For RS 3 models
- *4 According to equipment

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



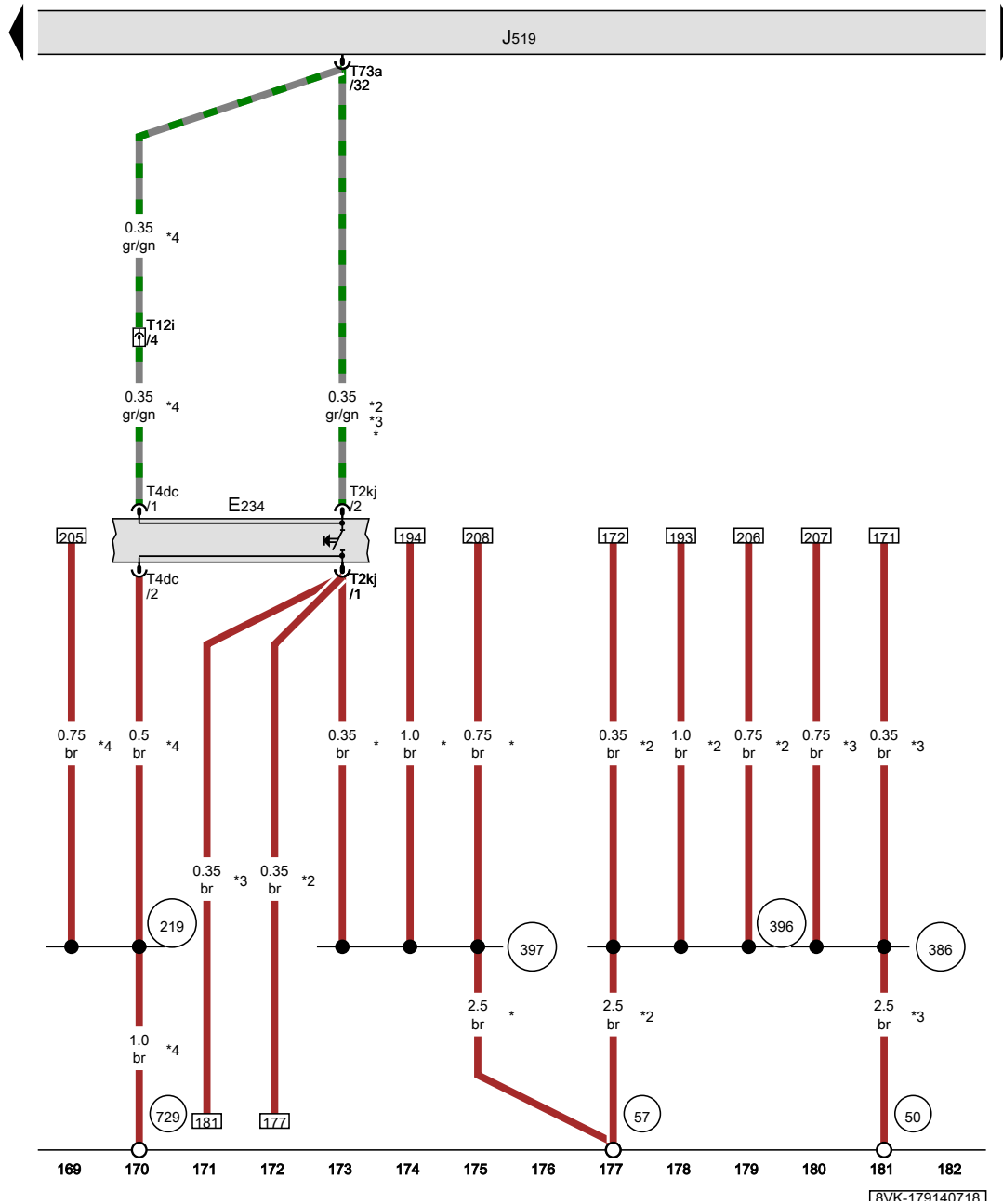
Onboard supply control unit, Front interior light

- E326 Front interior light button
- E457 Driver side reading light button
- E458 Front passenger side reading light button
- J519 Onboard supply control unit
- L156 Switch illumination bulb
- T12ae 12-pin connector, black
- T73c 73-pin connector, black
- WX1 Front interior light
- W1 Front interior light
- W13 Front passenger reading light
- W19 Driver side reading light

B731 Connection 1 (58s), in main wiring harness

- * For models with 3 doors
- *2 For models with 5 doors
- *3 For models with 4 doors
- *4 For Cabriolet models

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink



Rear lid handle release button, Onboard supply control unit

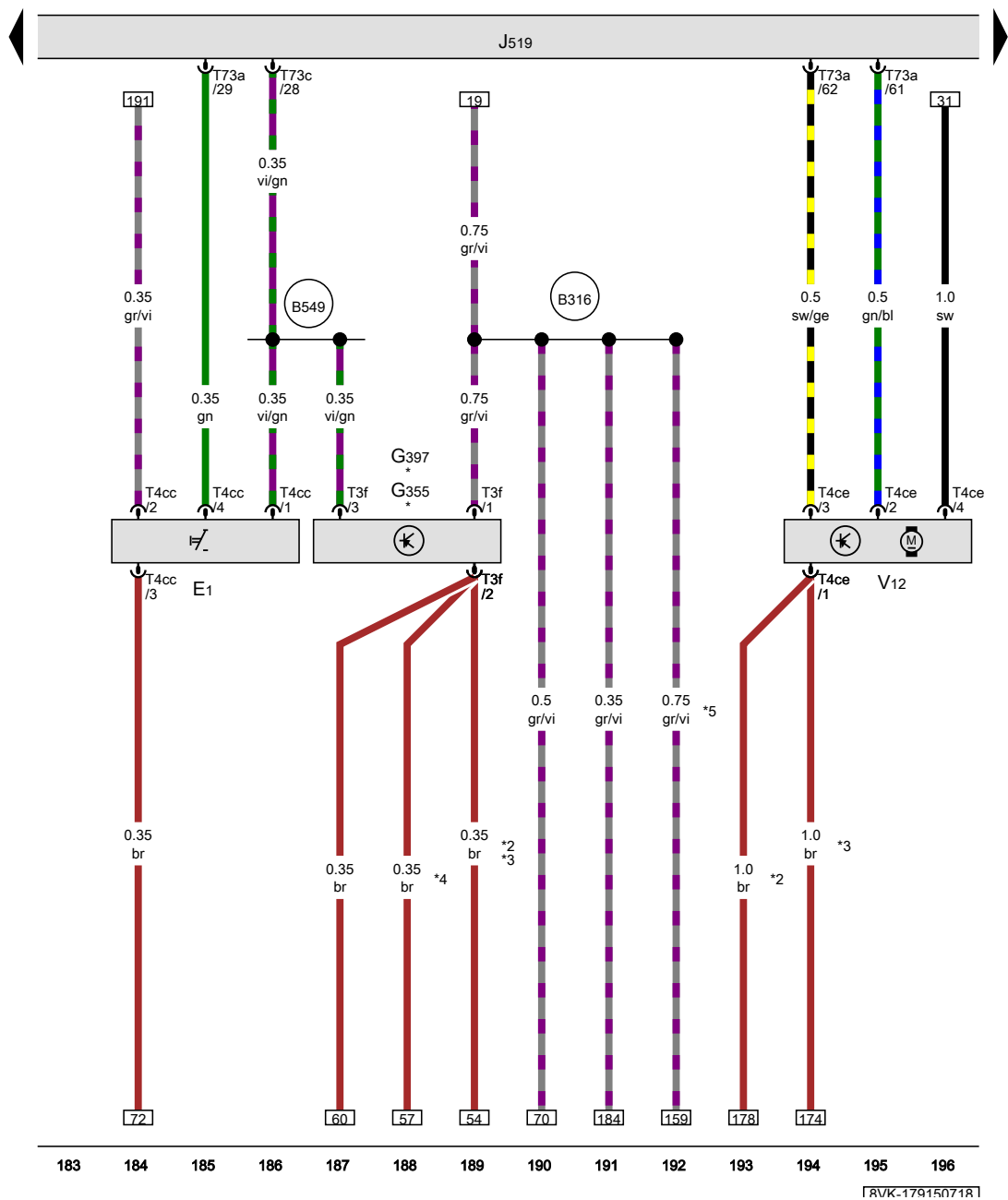
- E234 Rear lid handle release button
- J519 Onboard supply control unit
- T2kj 2-pin connector, black
- T4dc 4-pin connector, black
- T12i 12-pin connector, black
- T73a 73-pin connector, black

- 50 Earth point, on left in luggage compartment
- 57 Earth point, rear left pillar
- 219 Earth connection 2, in rear lid wiring harness
- 386 Earth connection 21, in main wiring harness
- 396 Earth connection 31, in main wiring harness
- 397 Earth connection 32, in main wiring harness
- 729 Earth point, on left rear wheel housing

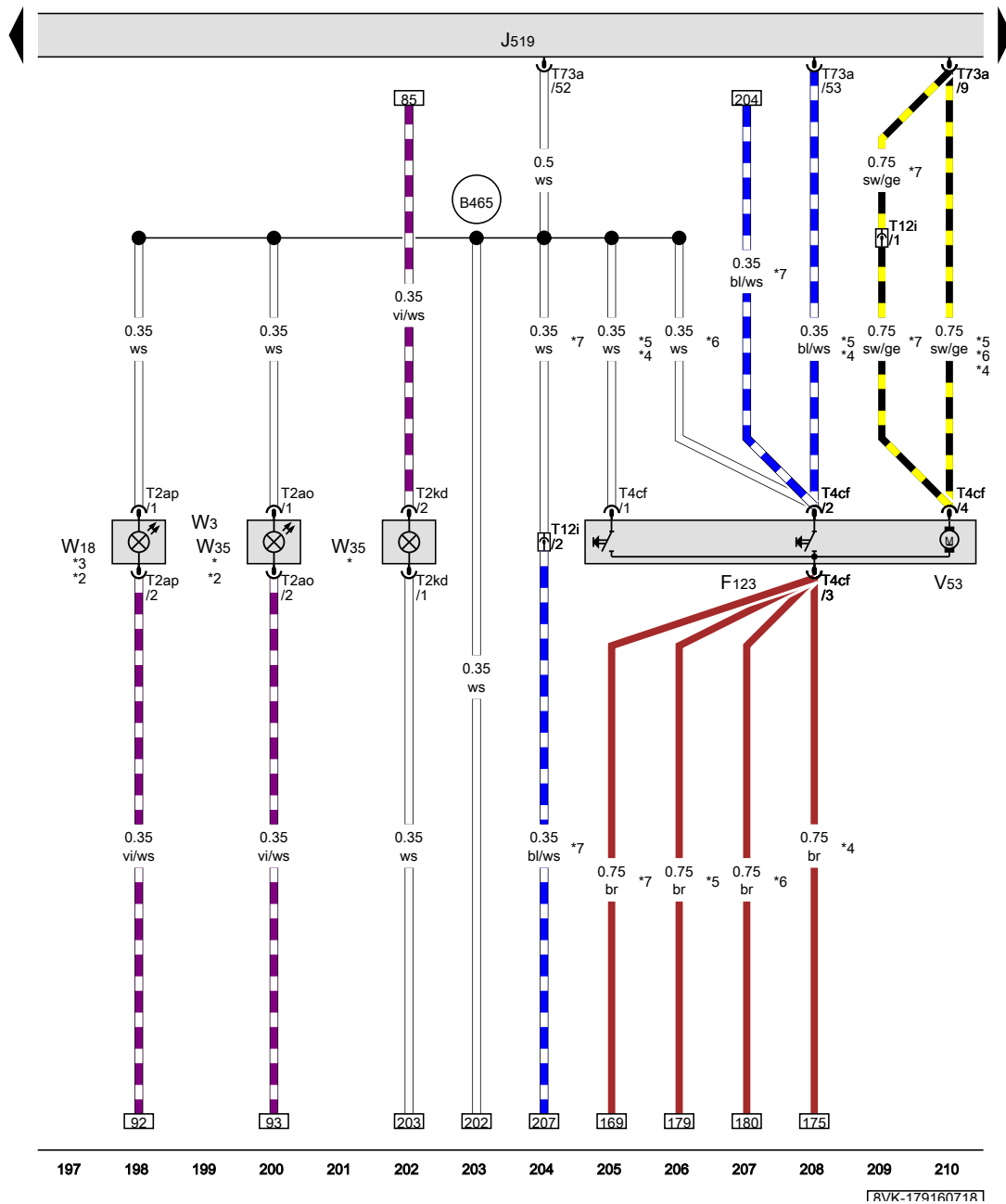
- * For models with 5 doors
- *2 For models with 3 doors
- *3 For models with 4 doors
- *4 For Cabriolet models

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Light switch, Rain and light sensor, Onboard supply control unit, Rear window wiper motor



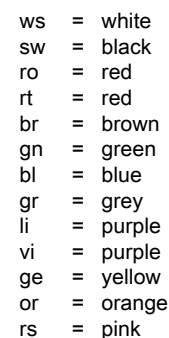
Rear lid contact switch for anti-theft alarm, Onboard supply control unit, Rear lid central locking motor



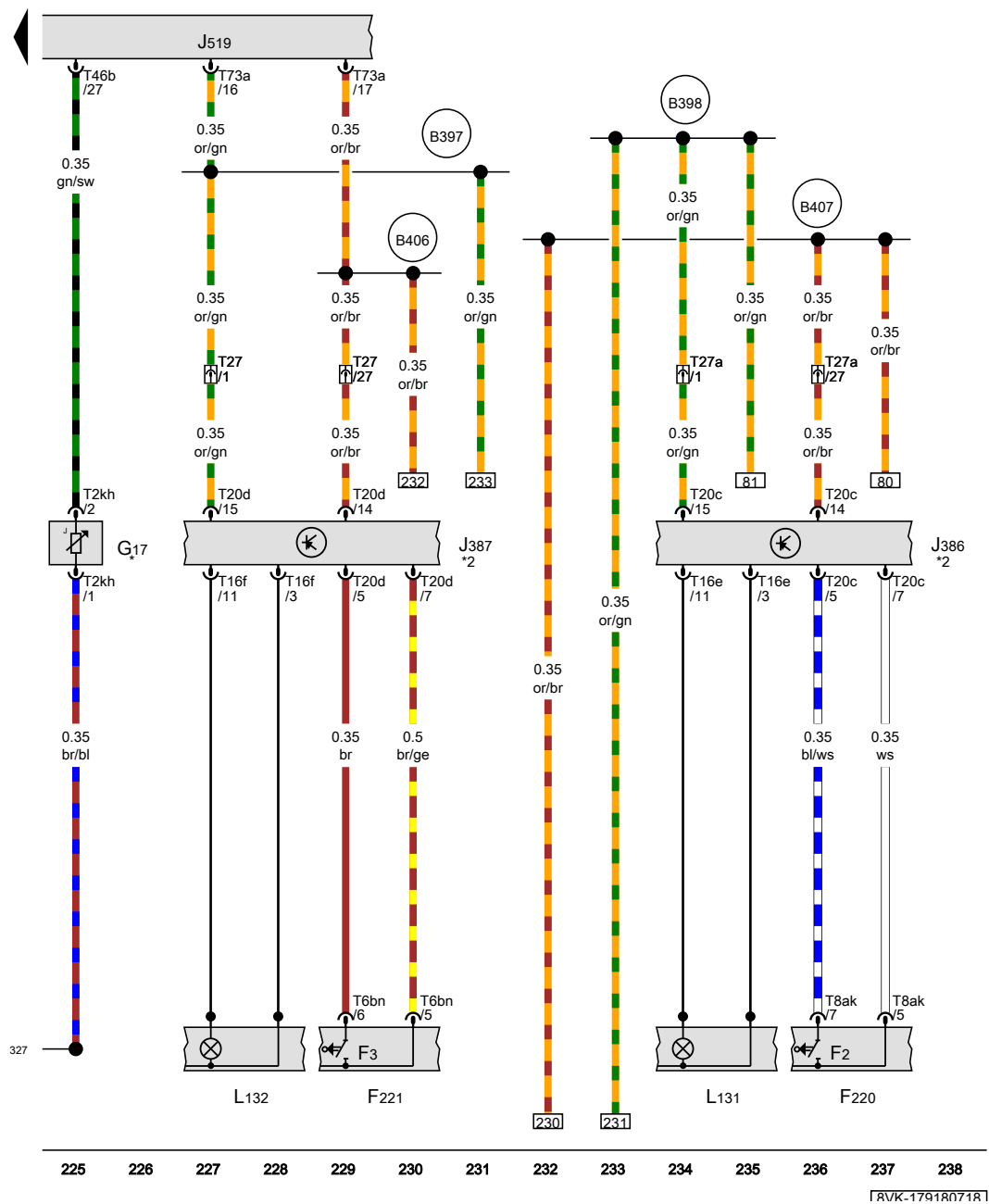
- F123 Rear lid contact switch for anti-theft alarm
- J519 Onboard supply control unit
- T2ao 2-pin connector
- T2ap 2-pin connector
- T2kd 2-pin connector
- T4cf 4-pin connector, black
- T12i 12-pin connector, black
- T73a 73-pin connector, black
- V53 Rear lid central locking motor
- W3 Luggage compartment light
- W18 Left luggage compartment light
- W35 Right luggage compartment light

B465 Connection 1, in main wiring harness

- * According to equipment
- *2 Pre-wired component
- *3 If fitted
- *4 For models with 5 doors
- *5 For models with 3 doors
- *6 For models with 4 doors
- *7 For Cabriolet models



F4	Reversing light switch
F34	Brake fluid level warning contact
F66	Coolant shortage indicator switch
G33	Windscreen washer fluid level sender
J519	Onboard supply control unit
T2ju	2-pin connector
T2ke	2-pin connector, black
T2kf	2-pin connector, black
T2kg	2-pin connector, black
T2kp	2-pin connector, black
T4i	4-pin connector, black
T6bv	6-pin connector, black
T17c	17-pin connector, red
T46b	46-pin connector, black
V5	Washer pump
V59	Windscreen and rear window washer pump
327	Earth connection (sender earth), in engine compartment wiring harness
B278	Positive connection 2 (15a) in main wiring harness
D136	Positive connection 2 (15a), in engine compartment wiring harness
*	For models with no hybrid drive system
*2	According to equipment
*3	For models with manual gearbox
*4	For RS 3 models
*5	Wiring colour depends on equipment



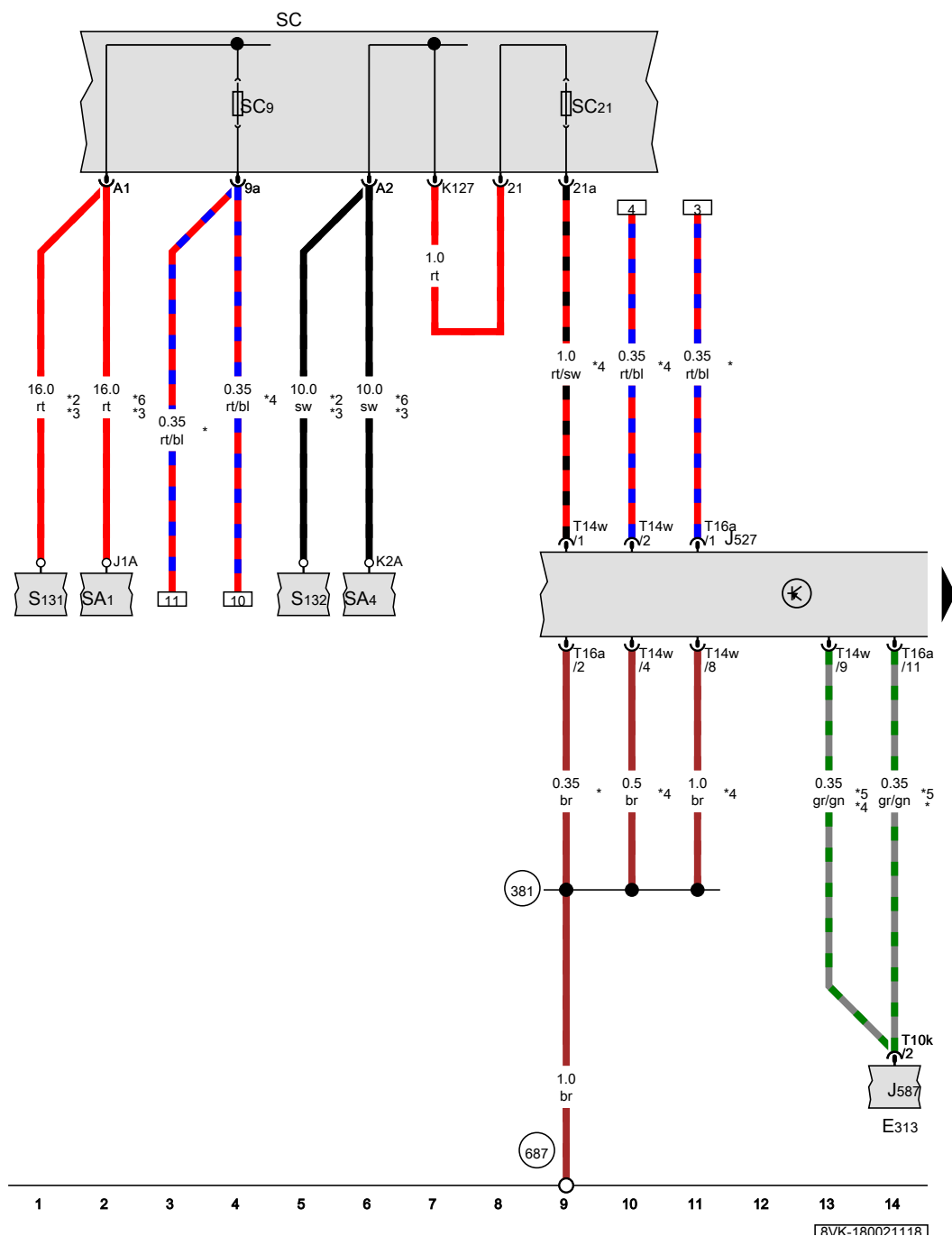
Driver side central locking lock unit, Front passenger side central locking lock unit, Ambient temperature sensor, Driver door control unit, Front passenger door control unit, Onboard supply control unit, Driver side turn signal repeater bulb, Front passenger side turn signal repeater bulb

- F2 Driver door contact switch
- F3 Front passenger door contact switch
- F220 Driver side central locking lock unit
- F221 Front passenger side central locking lock unit
- G17 Ambient temperature sensor
- J386 Driver door control unit
- J387 Front passenger door control unit
- J519 Onboard supply control unit
- L131 Driver side turn signal repeater bulb
- L132 Front passenger side turn signal repeater bulb
- T2kh 2-pin connector, black
- T6bn 6-pin connector
- T8ak 8-pin connector
- T16e 16-pin connector
- T16f 16-pin connector
- T20c 20-pin connector, black
- T20d 20-pin connector, black
- T27 27-pin connector, on left A-pillar, black
- T27a 27-pin connector, on right A-pillar, black
- T46b 46-pin connector, black
- T73a 73-pin connector, black
- 327 Earth connection (sender earth), in engine compartment wiring harness
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness
- * According to equipment
- *2 see applicable current flow diagram for convenience system

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

Steering column electronics , (L0R)

From May 2016

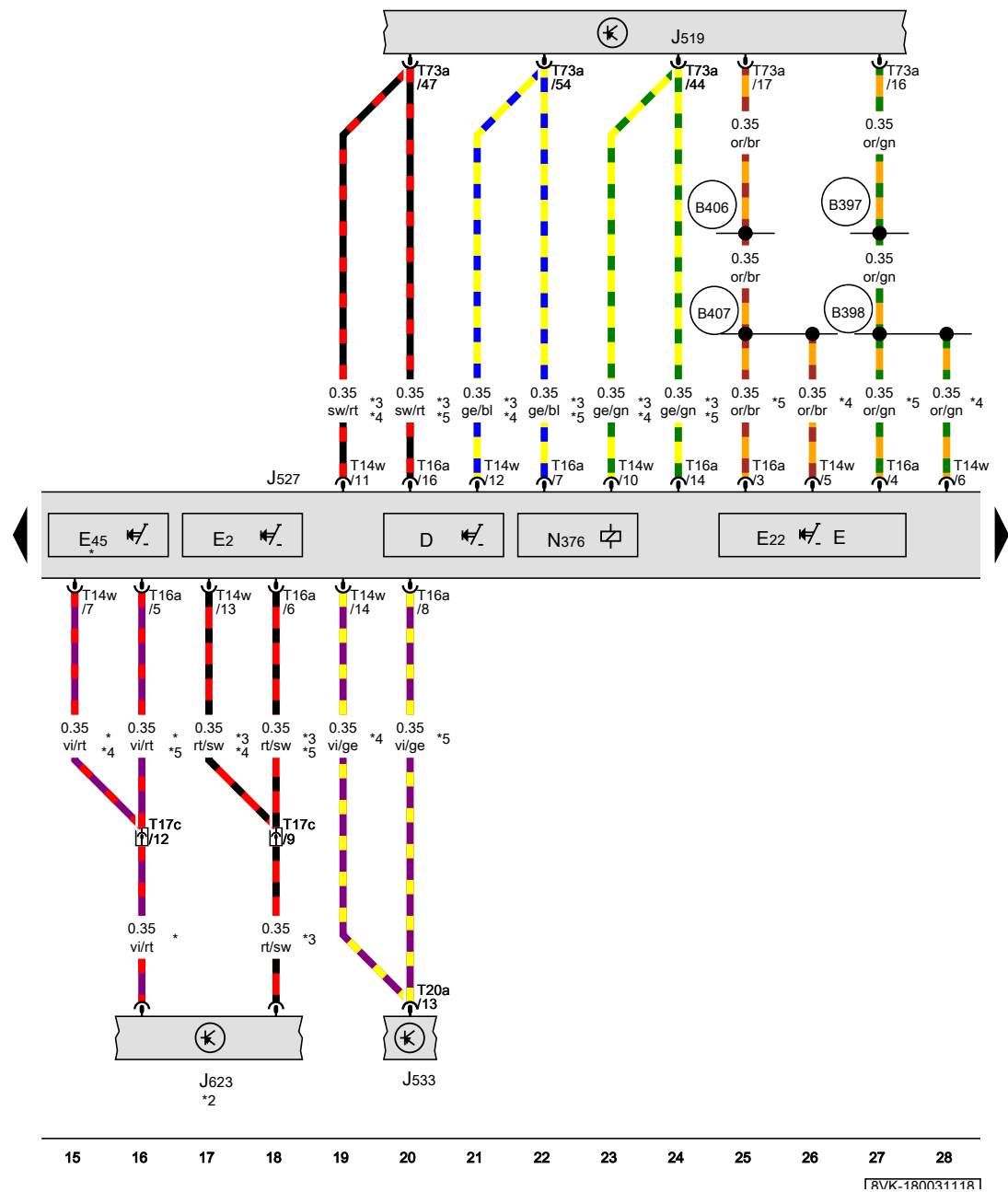


Steering column electronics control unit, Fuse holder C

- E313 Selector lever
- J527 Steering column electronics control unit
- J587 Selector lever sensors control unit
- SA1 Fuse 1 on fuse holder A
- SA4 Fuse 4 on fuse holder A
- SC9 Fuse 9 on fuse holder C
- SC21 Fuse 21 on fuse holder C
- S131 Fuse 1
- S132 Fuse 2
- SC Fuse holder C
- T10k 10-pin connector, black
- T14w 14-pin connector, black
- T16a 16-pin connector, black
- 381 Earth connection 16, in main wiring harness
- 687 Earth point 1, on centre tunnel
- * For models with no heated steering wheel
- *2 For RS 3 models
- *3 see applicable current flow diagram for battery
- *4 For models with heated steering wheel
- *5 For models with dual clutch gearbox
- *6 Not for RS 3 models

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

Ignition/starter switch, Windscreen wiper switch, Turn signal switch, Intermittent wiper switch, Cruise control system switch, Onboard supply control unit, Steering column electronics control unit, Data bus diagnostic interface



- D Ignition/starter switch
- E Windscreen wiper switch
- E2 Turn signal switch
- E22 Intermittent wiper switch
- E45 Cruise control system switch
- J519 Onboard supply control unit
- J527 Steering column electronics control unit
- J533 Data bus diagnostic interface
- J623 Engine/motor control unit
- N376 Ignition key withdrawal lock solenoid
- T14w 14-pin connector, black
- T16a 16-pin connector, black
- T17c 17-pin connector, red
- T20a 20-pin connector, red
- T73a 73-pin connector, black

B397 Connection 1 (convenience CAN bus, high), in main wiring harness

B398 Connection 2 (convenience CAN bus, high), in main wiring harness

B406 Connection 1 (convenience CAN bus, low), in main wiring harness

B407 Connection 2 (convenience CAN bus, low), in main wiring harness

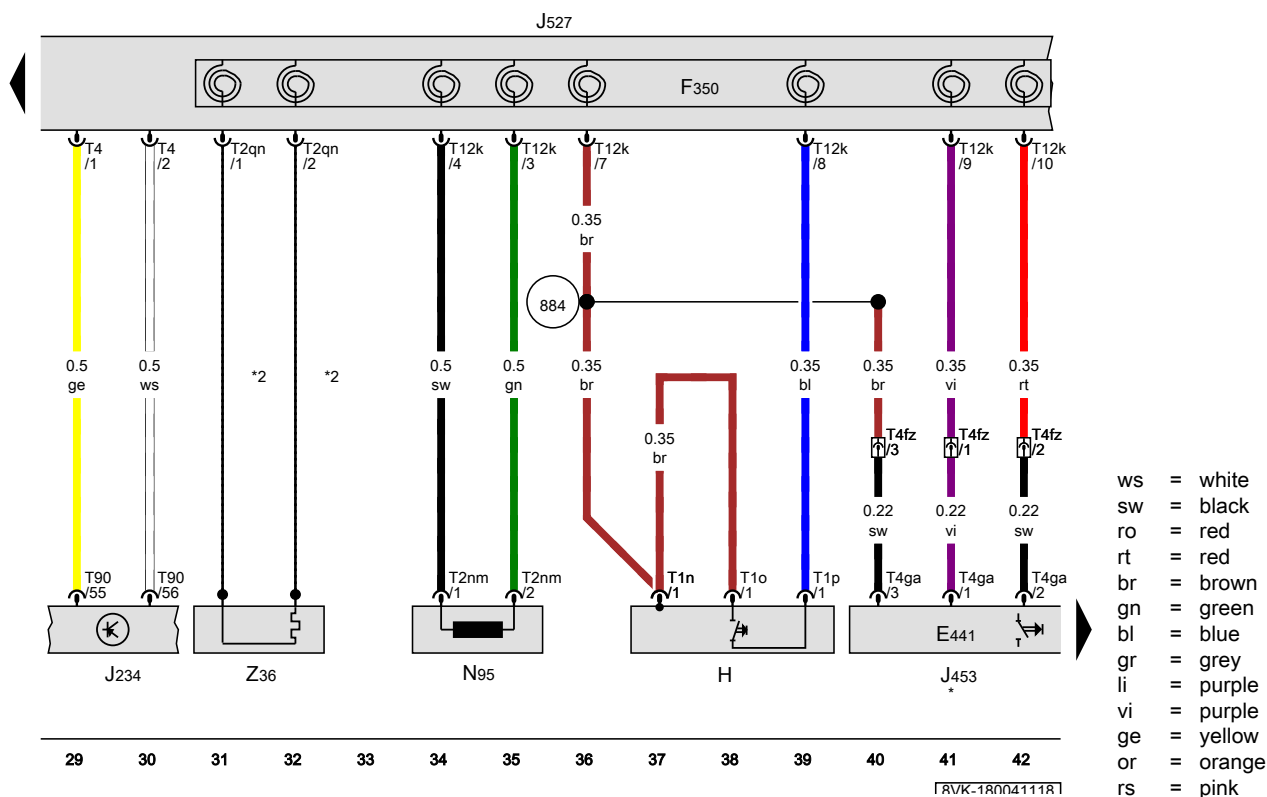
- * For models with cruise control system (CCS)
- *2 see applicable current flow diagram for engine
- *3 For models with no entry and start authorisation
- *4 For models with heated steering wheel
- *5 For models with no heated steering wheel

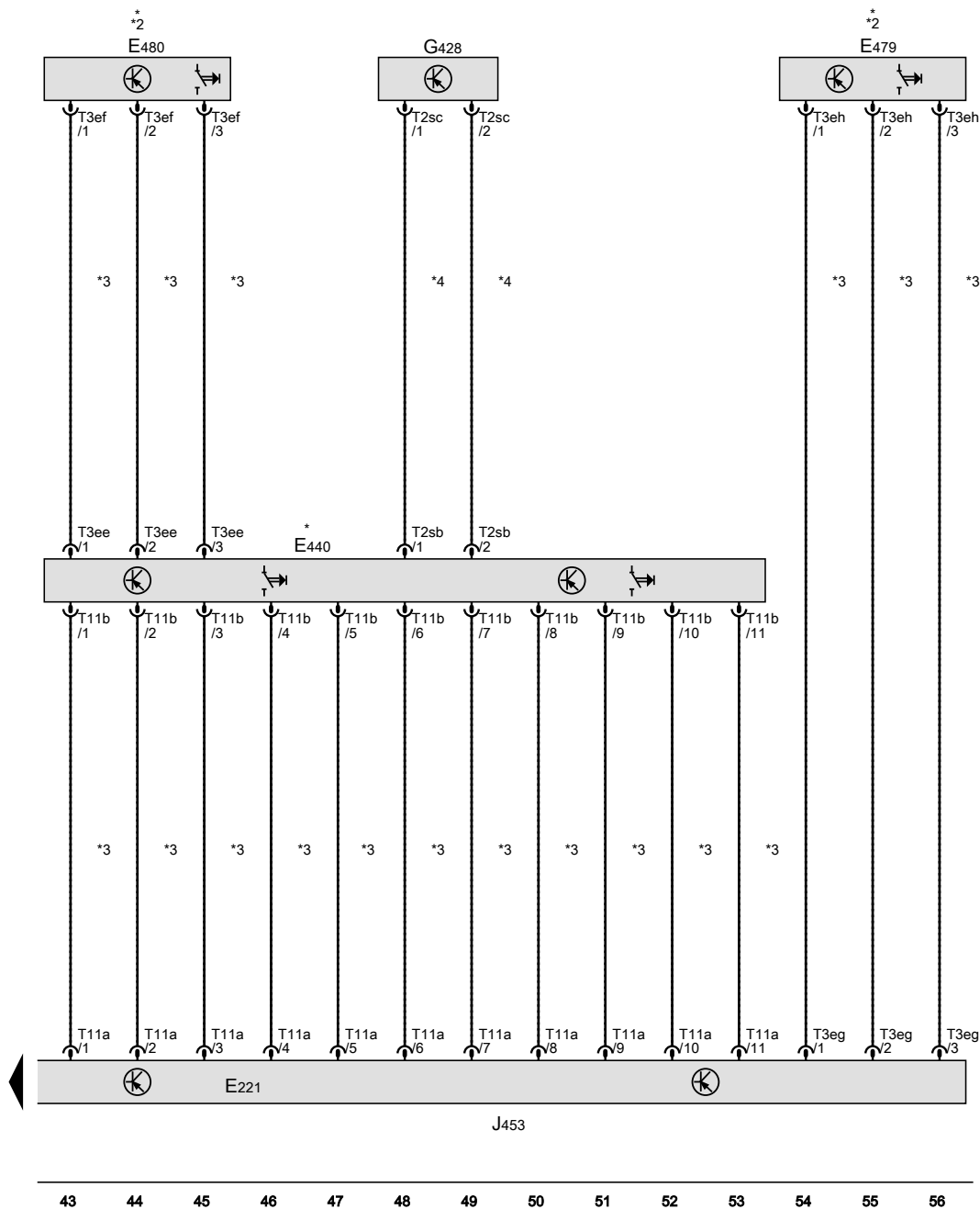
Multifunction buttons on right in steering wheel, Horn plate, Airbag control unit, Multifunction steering wheel control unit, Steering column electronics control unit, Airbag igniter on driver side

- E441 Multifunction buttons on right in steering wheel
- F350 Coil connector
- H Horn plate
- J234 Airbag control unit
- J453 Multifunction steering wheel control unit, in steering wheel
- J527 Steering column electronics control unit
- N95 Airbag igniter on driver side
- T1n 1-pin connector
- T1o 1-pin connector
- T1p 1-pin connector
- T2nm 2-pin connector
- T2qn 2-pin connector
- T4 4-pin connector
- T4fz 4-pin connector, in steering wheel
- T4ga 4-pin connector
- T12k 12-pin connector
- T90 90-pin connector, yellow
- Z36 Heated steering wheel

884 Earth connection 1 in steering wheel wiring harness

- * For models with multifunction steering wheel
- *2 For models with heated steering wheel



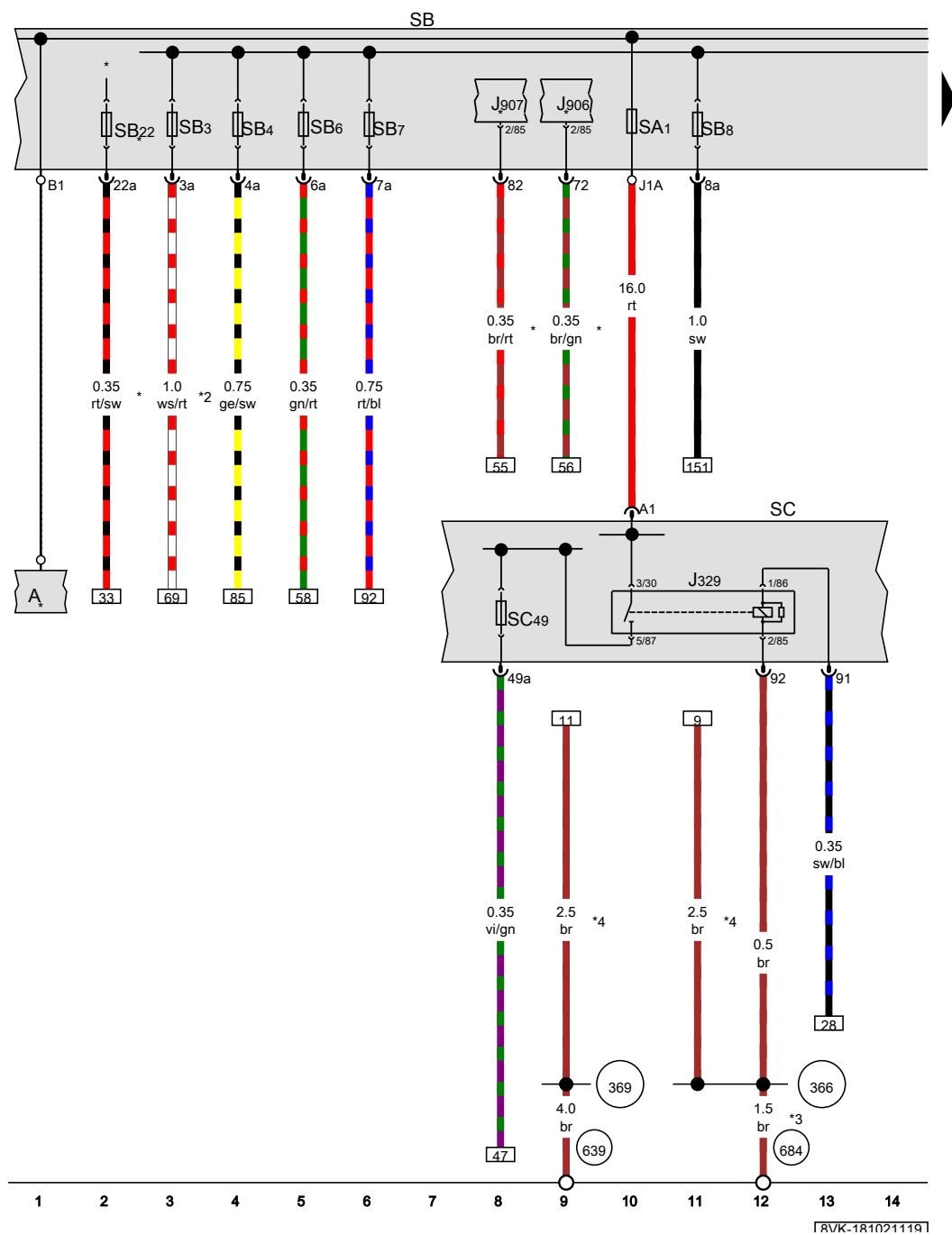


Multifunction buttons on left in steering wheel, Tiptronic switch (shift up), Tiptronic switch (shift down), Heated steering wheel sender, Multifunction steering wheel control unit

- E221 Operating unit in steering wheel
- E440 Multifunction buttons on left in steering wheel
- E479 Tiptronic switch (shift up)
- E480 Tiptronic switch (shift down)
- G428 Heated steering wheel sender
- J453 Multifunction steering wheel control unit, in steering wheel
- T2sb 2-pin connector
- T2sc 2-pin connector
- T3ee 3-pin connector
- T3ef 3-pin connector
- T3eg 3-pin connector
- T3eh 3-pin connector
- T11a 11-pin connector
- T11b 11-pin connector
- * For models with multifunction steering wheel
- *2 For models with Tiptronic
- *3 Adapter wire
- *4 For models with heated steering wheel

1.0l petrol engine , CHZD

From May 2016



Terminal 15 voltage supply relay, Fuse holder C

- A Battery
- J329 Terminal 15 voltage supply relay
- J906 Starter relay 1
- J907 Starter relay 2
- SA1 Fuse 1 on fuse holder A
- SB Fuse holder B
- SB3 Fuse 3 on fuse holder B
- SB4 Fuse 4 on fuse holder B
- SB6 Fuse 6 on fuse holder B
- SB7 Fuse 7 on fuse holder B
- SB8 Fuse 8 on fuse holder B
- SB22 Fuse 22 on fuse holder B
- SC Fuse holder C
- SC49 Fuse 49 on fuse holder C

366 Earth connection 1, in main wiring harness

369 Earth connection 4, in main wiring harness

639 Earth point, left A-pillar

684 Earth point on front of left side member

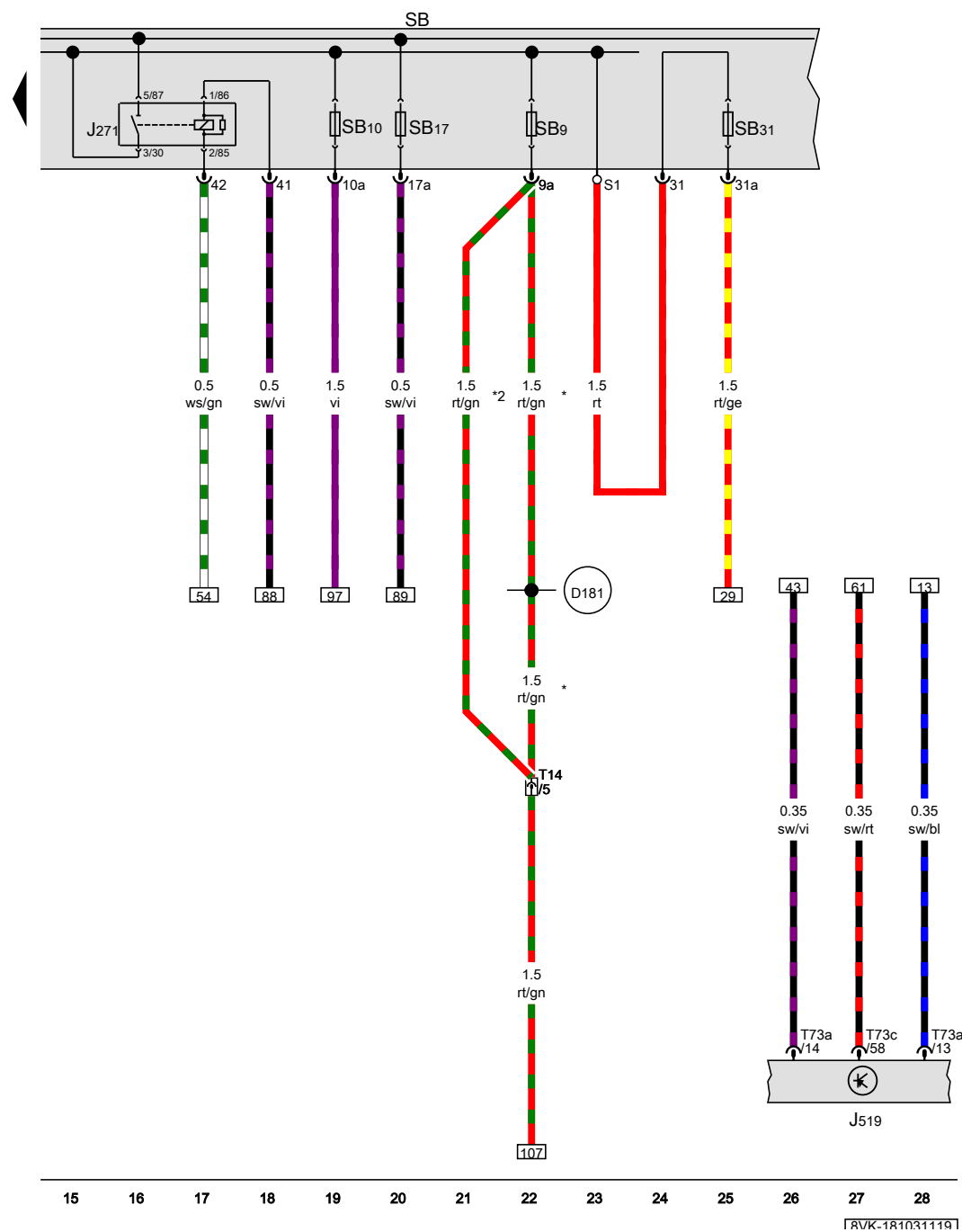
* see applicable current flow diagram for battery in engine compartment

*2 Wiring colour depends on equipment

*3 For right-hand drive models

*4 For left-hand drive models

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

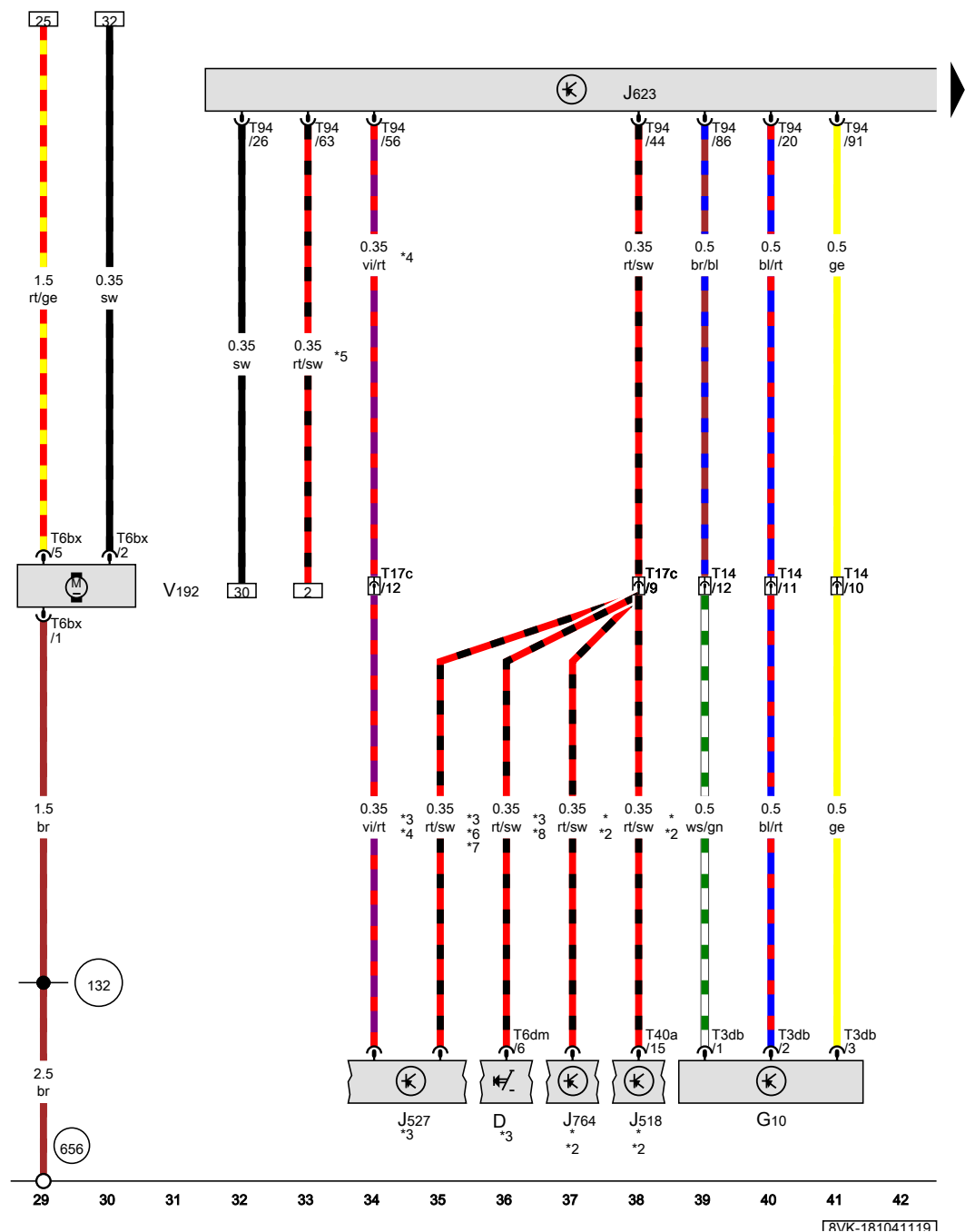


Main relay, Onboard supply control unit

- J271 Main relay
- J519 Onboard supply control unit
- SB Fuse holder B
- SB9 Fuse 9 on fuse holder B
- SB10 Fuse 10 on fuse holder B
- SB17 Fuse 17 on fuse holder B
- SB31 Fuse 31 on fuse holder B
- T14 14-pin connector, grey
- T73a 73-pin connector, black
- T73c 73-pin connector, black
- D181 Connection 2 (87a), in engine compartment wiring harness
- * Gradually discontinued
- *2 gradual introduction

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

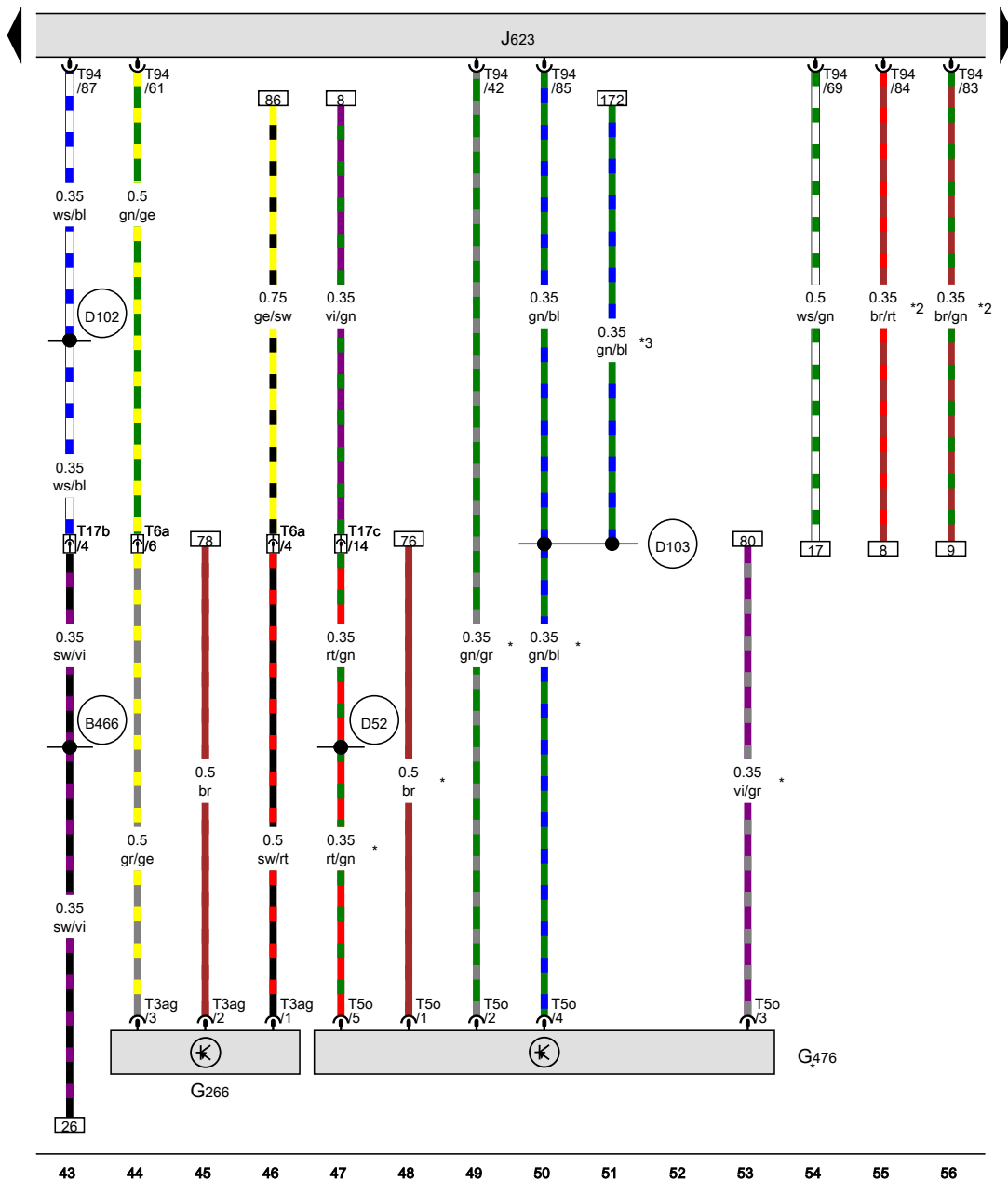
Oil pressure sender, Entry and start authorisation control unit, Steering column electronics control unit, Engine/motor control unit, Control unit for electronic steering column lock



- D Ignition/starter switch
- G10 Oil pressure sender
- J518 Entry and start authorisation control unit
- J527 Steering column electronics control unit
- J623 Engine/motor control unit
- J764 Control unit for electronic steering column lock
- T3db 3-pin connector
- T6bx 6-pin connector, black
- T6dm 6-pin connector, black
- T14 14-pin connector, grey
- T17c 17-pin connector, on lower section of left A-pillar, red
- T40a 40-pin connector, black
- T94 94-pin connector, black
- V192 Vacuum pump for brakes
- 132 Earth connection 3, in engine compartment wiring harness
- 656 Earth point, on right headlight
- * see applicable current flow diagram for entry and start authorisation
- *2 According to equipment
- *3 see applicable current flow diagram for steering column electronics
- *4 For models with cruise control system (CCS)
- *5 see applicable current flow diagram for battery in engine compartment
- *6 For models with no entry and start authorisation
- *7 Up to June 2018
- *8 From July 2018

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

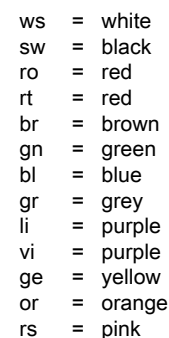
Oil level and oil temperature sender, Clutch position sender, Engine/motor control unit



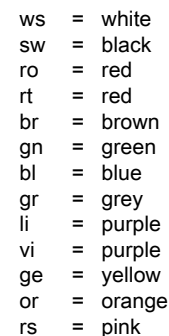
- G266 Oil level and oil temperature sender
- G476 Clutch position sender
- J623 Engine/motor control unit
- T3ag 3-pin connector, black
- T5o 5-pin connector, black
- T6a 6-pin connector, black
- T17b 17-pin connector, on lower section of left A-pillar, brown
- T17c 17-pin connector, on lower section of left A-pillar, red
- T94 94-pin connector, black
- B466 Connection 2, in main wiring harness
- D52 Positive connection (15a), in engine compartment wiring harness
- D102 Connection 2 in engine compartment wiring harness
- D103 Connection 3 in engine compartment wiring harness
- * For models with manual gearbox
- *2 see applicable current flow diagram for battery in engine compartment
- *3 For models with dual clutch gearbox

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

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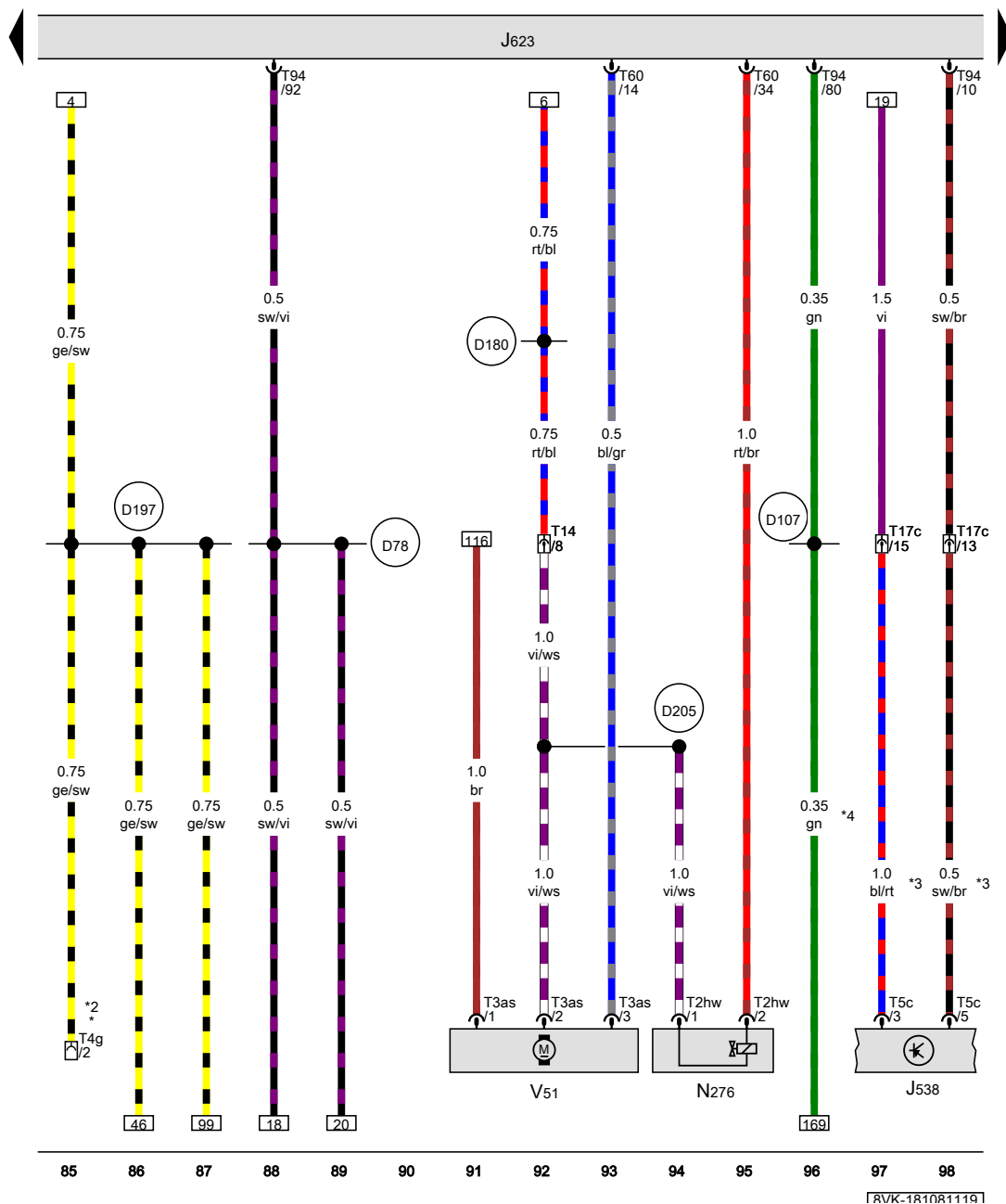


F	Brake light switch
J623	Engine/motor control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
T2hm	2-pin connector, black
T2hn	2-pin connector, black
T2ho	2-pin connector, black
T4fl	4-pin connector
T17c	17-pin connector, on lower section of left A-pillar, red
T60	60-pin connector, black
T94	94-pin connector, black
B335	Connection 1 (54), in main wiring harness
D73	Positive connection (54), in engine compartment wiring harness
D183	Connection 4 (87a), in engine compartment wiring harness
*	Wiring colour depends on equipment



G608	Vacuum sender
J104	ABS control unit
J623	Engine/motor control unit
T3aa	3-pin connector, black
T4g	4-pin connector, black
T6a	6-pin connector, black
T46a	46-pin connector, black
T94	94-pin connector, black

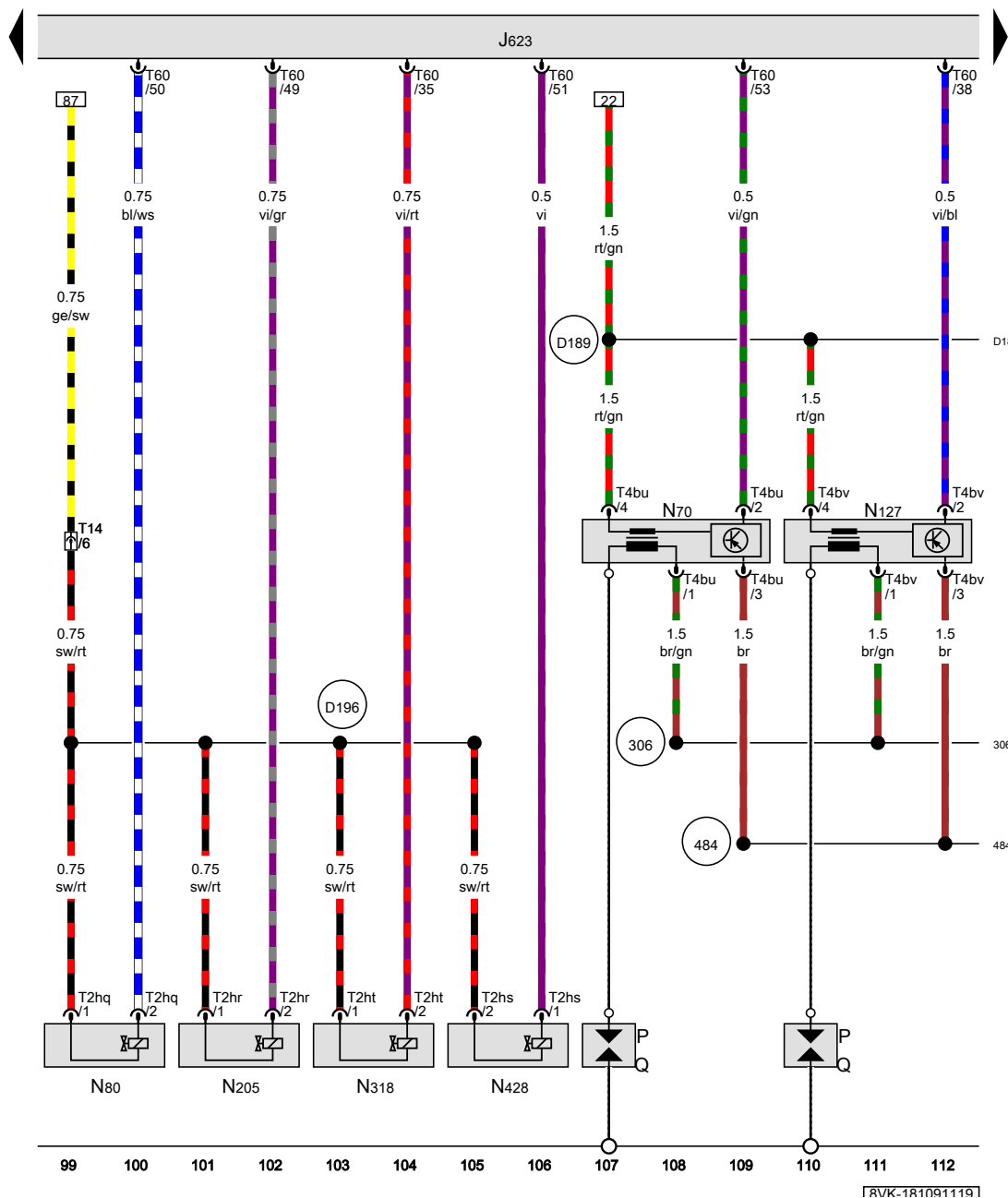
85	Earth connection 1, in engine compartment wiring harness
131	Earth connection 2, in engine compartment wiring harness
209	Earth connection 6, in engine compartment wiring harness
419	Earth connection 11, in engine compartment wiring harness
671	Earth point 1, on front of left longitudinal member
*	Radiator fan connection
*2	see applicable current flow diagram for radiator fan
*3	For models with manual gearbox
*4	gradual introduction



Fuel pump control unit, Engine/motor control unit, Fuel pressure regulating valve, Continued coolant circulation pump

- J538 Fuel pump control unit
- J623 Engine/motor control unit
- N276 Fuel pressure regulating valve
- T2hw 2-pin connector, black
- T3as 3-pin connector, black
- T4g 4-pin connector, black
- T5c 5-pin connector, black
- T14 14-pin connector, grey
- T17c 17-pin connector, on lower section of left A-pillar, red
- T60 60-pin connector, black
- T94 94-pin connector, black
- V51 Continued coolant circulation pump
- D78 Positive connection 1 (30a), in engine compartment wiring harness
- D107 Connection 5 in engine compartment wiring harness
- D180 Connection (87a), in engine compartment wiring harness
- D197 Connection 5 (87a), in engine compartment wiring harness
- D205 Connection 3 (87a) in engine prewiring harness
- * Radiator fan connection
- *2 see applicable current flow diagram for radiator fan
- *3 see applicable current flow diagram for fuel system
- *4 For models with dual clutch gearbox

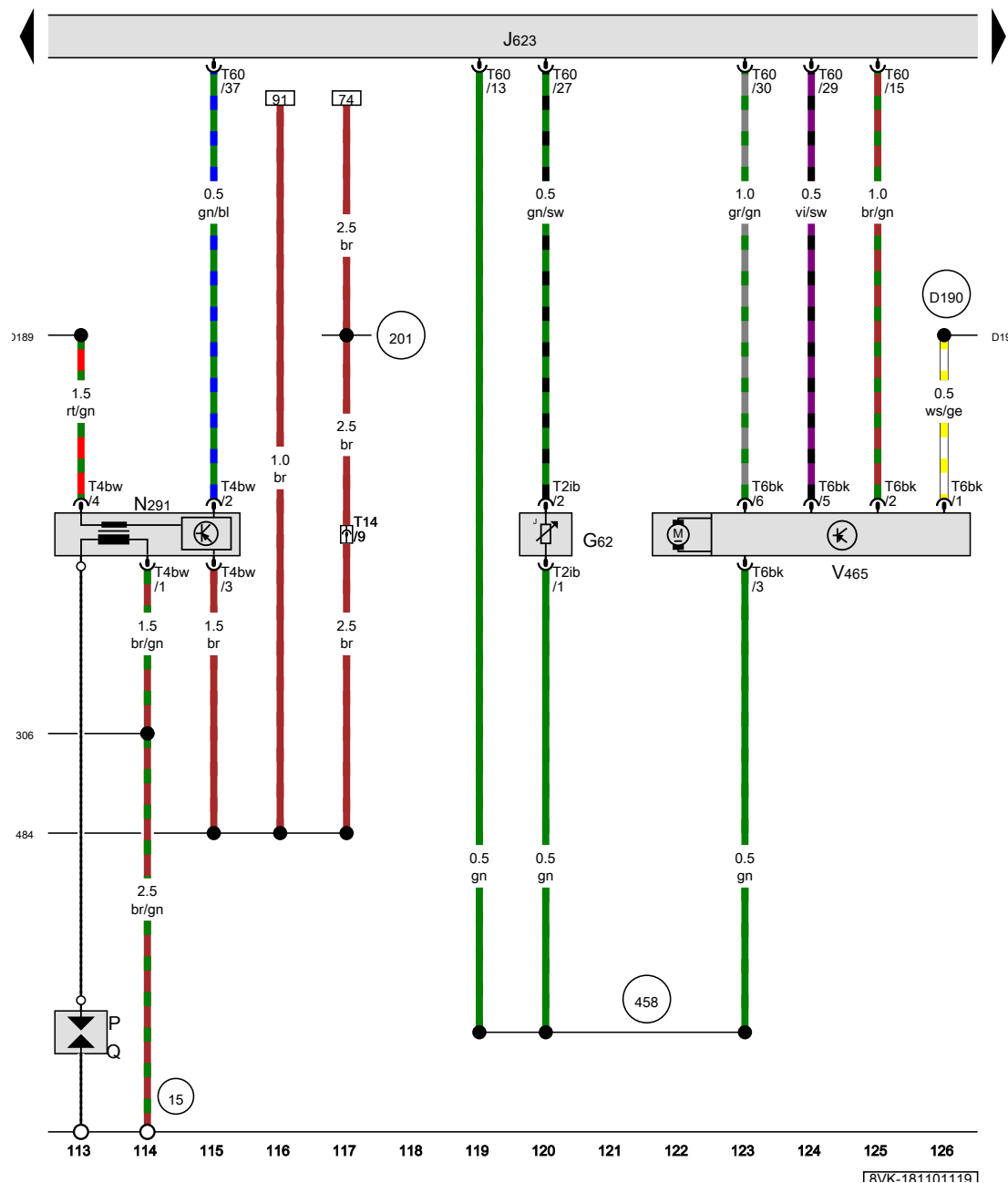
ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



Engine/motor control unit, Ignition coil 1 with output stage, Activated charcoal filter solenoid valve 1, Ignition coil 2 with output stage, Camshaft control valve 1, Exhaust camshaft control valve 1, Valve for oil pressure control

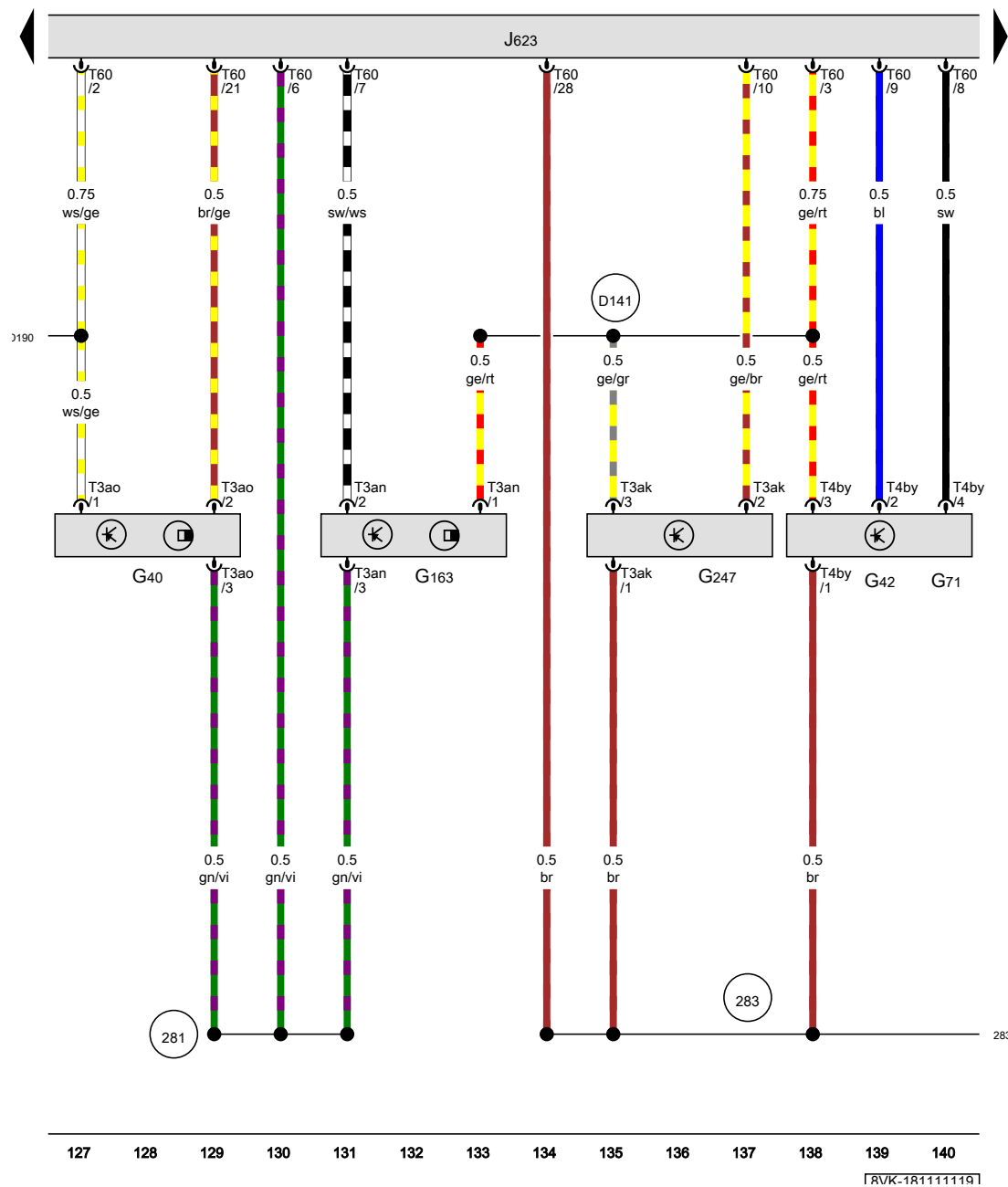
- J623 Engine/motor control unit
- N70 Ignition coil 1 with output stage
- N80 Activated charcoal filter solenoid valve 1
- N127 Ignition coil 2 with output stage
- N205 Camshaft control valve 1
- N318 Exhaust camshaft control valve 1
- N428 Valve for oil pressure control
- P Spark plug connector
- Q Spark plugs
- T2hq 2-pin connector, black
- T2hr 2-pin connector, black
- T2hs 2-pin connector, black
- T2ht 2-pin connector, black
- T4bu 4-pin connector, black
- T4bv 4-pin connector, black
- T14 14-pin connector, grey
- T60 60-pin connector, black
- 306 Earth connection (ignition coils), in engine prewiring harness
- 484 Earth connection 2 (ignition coils), in engine prewiring harness
- D189 Connection (87a) in engine prewiring harness
- D196 Connection 2 (87a) in engine prewiring harness

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink



Coolant temperature sender, Engine/motor control unit, Ignition coil 3 with output stage, Charge pressure positioner

- G62 Coolant temperature sender
- J623 Engine/motor control unit
- N291 Ignition coil 3 with output stage
- P Spark plug connector
- Q Spark plugs
- T2ib 2-pin connector, black
- T4bw 4-pin connector, black
- T6bk 6-pin connector, grey
- T14 14-pin connector, grey
- T60 60-pin connector, black
- V465 Charge pressure positioner
- 15 Earth point, on cylinder head
- 201 Earth connection 5, in engine compartment wiring harness
- 306 Earth connection (ignition coils), in engine prewiring harness
- 458 Earth point 3, engine prewiring harness
- 484 Earth connection 2 (ignition coils), in engine prewiring harness
- D189 Connection (87a) in engine prewiring harness
- D190 Connection 3 (5V) in engine prewiring harness



Hall sender, Intake air temperature sender, Intake manifold pressure sender, Hall sender 2, Fuel pressure sender, Engine/motor control unit

- G40 Hall sender
- G42 Intake air temperature sender
- G71 Intake manifold pressure sender
- G163 Hall sender 2
- G247 Fuel pressure sender
- J623 Engine/motor control unit
- T3ak 3-pin connector, black
- T3an 3-pin connector, black
- T3ao 3-pin connector, black
- T4by 4-pin connector, black
- T60 60-pin connector, black

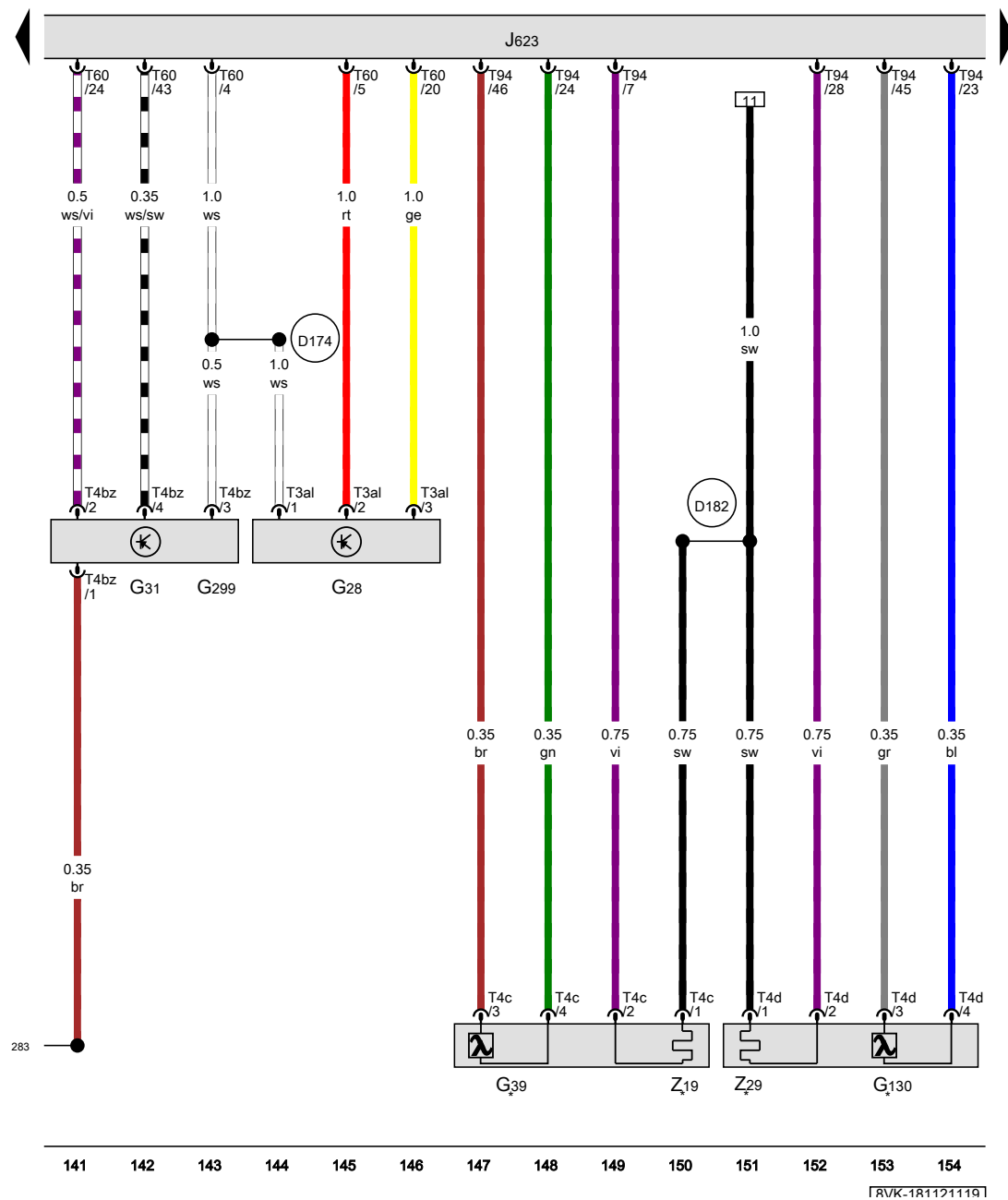
281 Earth point 1, engine prewiring harness

283 Earth point 2, engine prewiring harness

D141 Connection (5V) in engine prewiring harness

D190 Connection 3 (5V) in engine prewiring harness

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

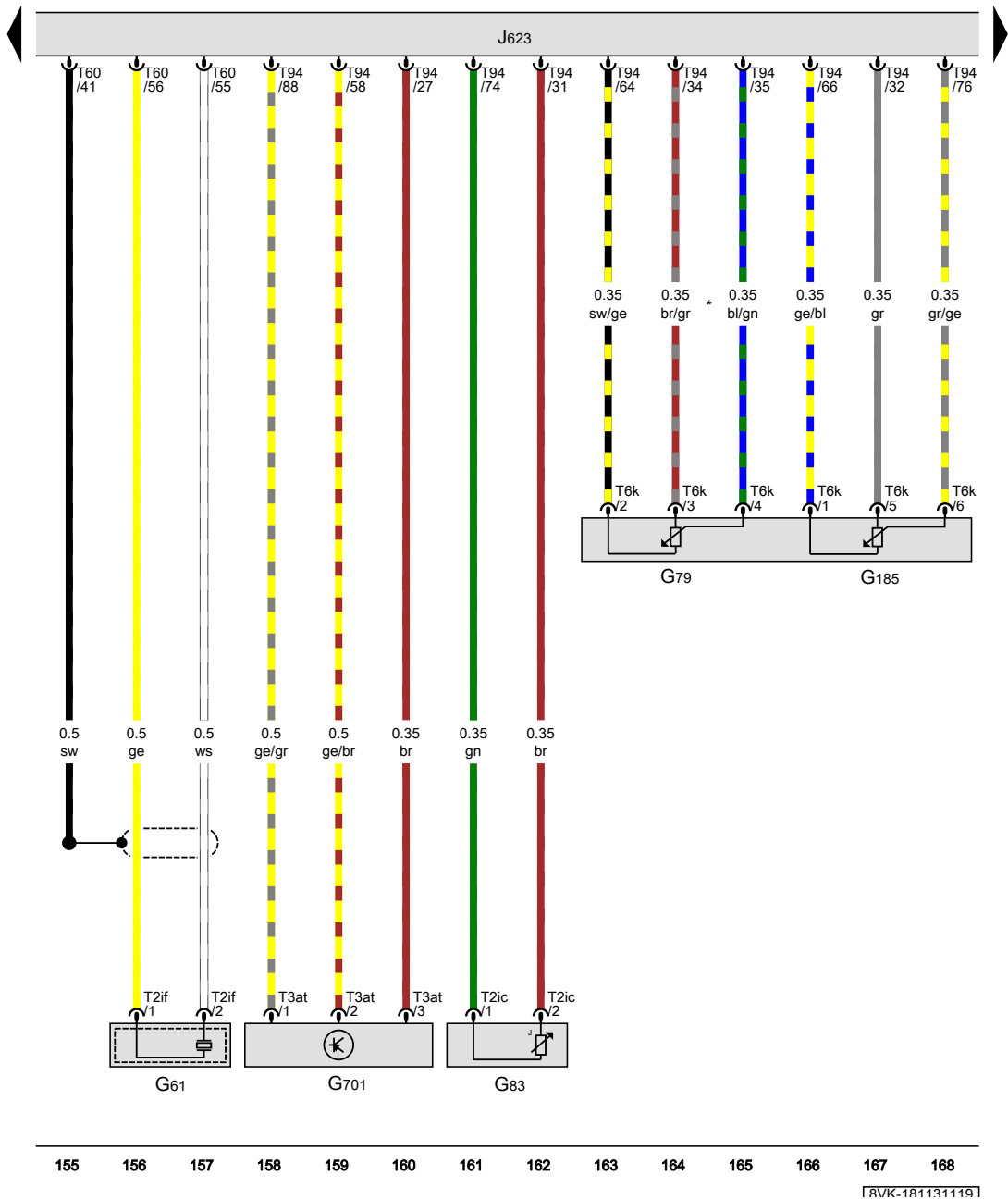


Engine speed sender, Charge pressure sender, Lambda probe, Lambda probe after catalytic converter, Intake air temperature sender 2, Engine/motor control unit, Lambda probe heater, Lambda probe 1 heater after catalytic converter

- G28 Engine speed sender
- G31 Charge pressure sender
- G39 Lambda probe
- G130 Lambda probe after catalytic converter
- G299 Intake air temperature sender 2
- J623 Engine/motor control unit
- T3al 3-pin connector, black
- T4bz 4-pin connector, black
- T4c 4-pin connector, brown
- T4d 4-pin connector, black
- T60 60-pin connector, black
- T94 94-pin connector, black
- Z19 Lambda probe heater
- Z29 Lambda probe 1 heater after catalytic converter

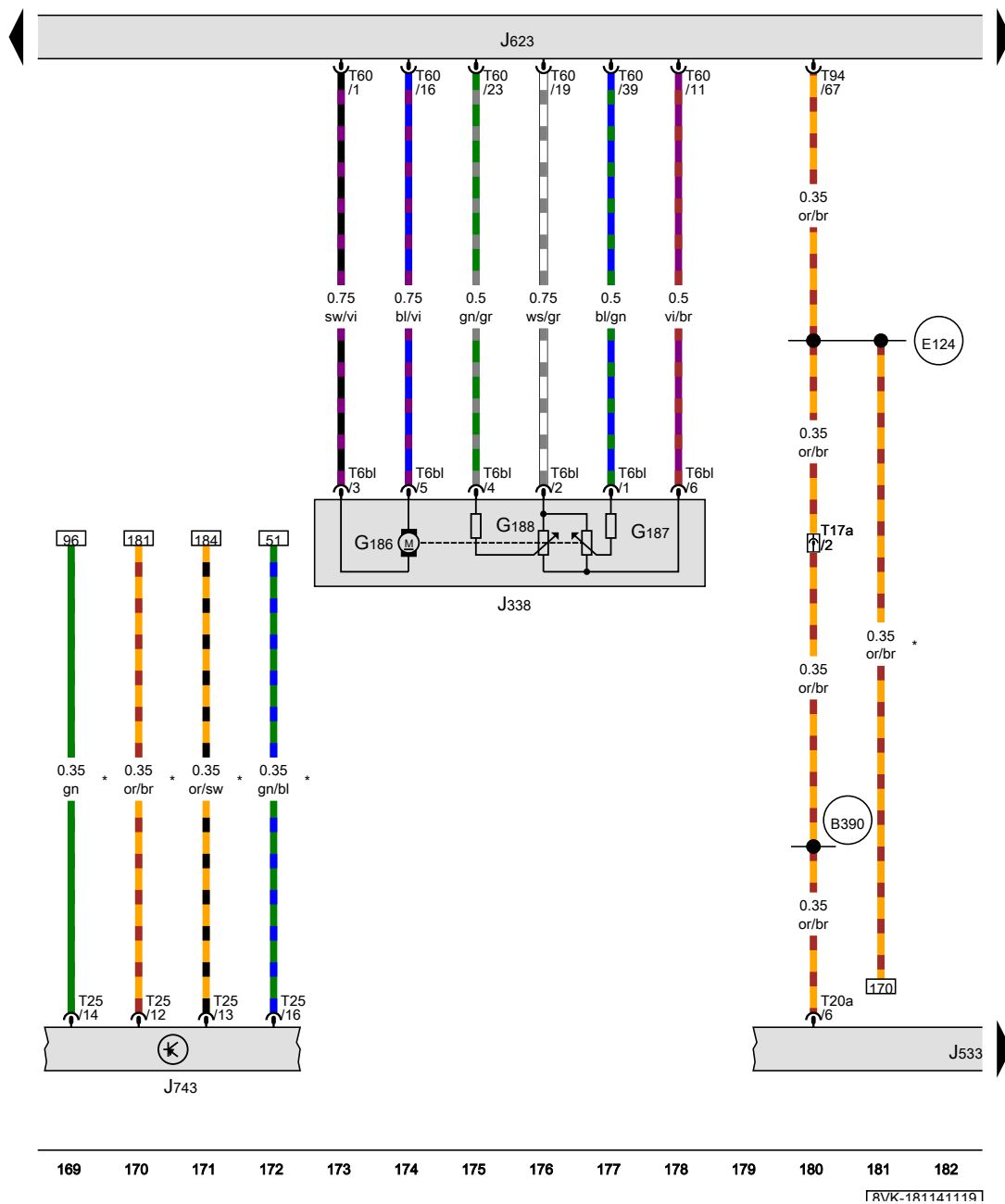
- 283 Earth point 2, engine prewiring harness
- D174 Connection 2 (5V) in engine prewiring harness
- D182 Connection 3 (87a), in engine compartment wiring harness
- * Pre-wired component

Knock sensor 1, Accelerator position sender, Radiator outlet coolant temperature sender, Accelerator position sender 2, Gearbox neutral position sender, Engine/motor control unit

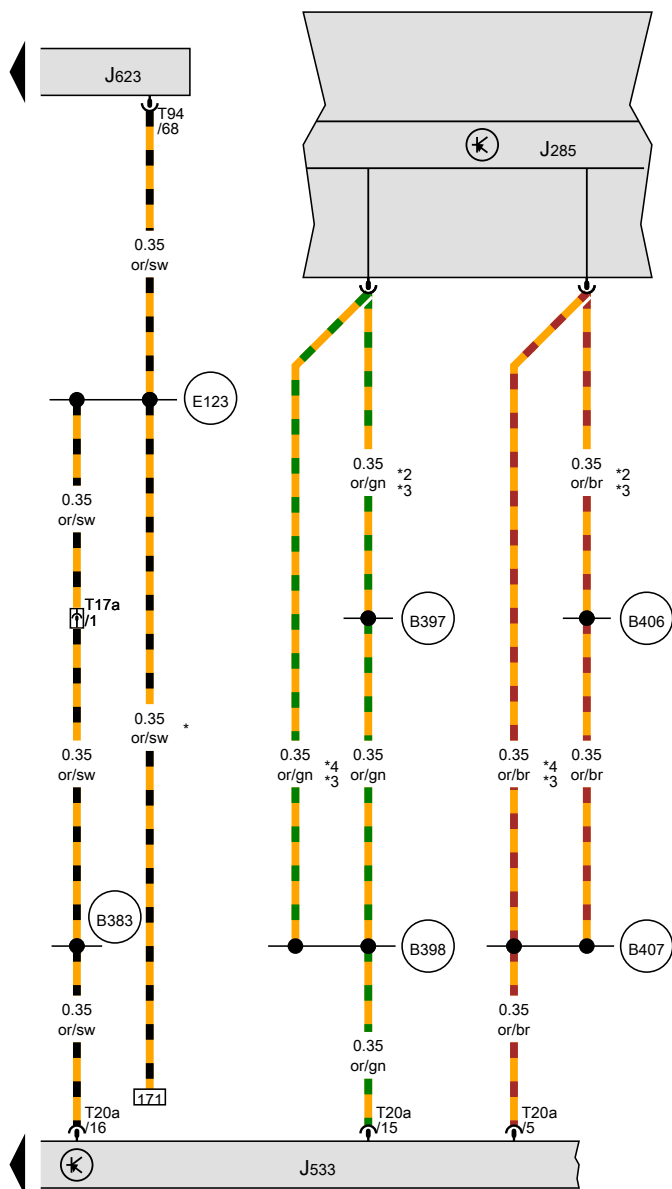


- G61 Knock sensor 1
- G79 Accelerator position sender
- G83 Radiator outlet coolant temperature sender
- G185 Accelerator position sender 2
- G701 Gearbox neutral position sender
- J623 Engine/motor control unit
- T2ic 2-pin connector, black
- T2if 2-pin connector, black
- T3at 3-pin connector, black
- T6k 6-pin connector, black
- T60 60-pin connector, black
- T94 94-pin connector, black
- * Wiring colour depends on equipment

Throttle valve module, Data bus diagnostic interface, Engine/motor control unit, Mechatronic unit for dual clutch gearbox



- G186 Throttle valve drive for electric throttle
- G187 Throttle valve drive angle sender 1 for electric throttle
- G188 Throttle valve drive angle sender 2 for electric throttle
- J338 Throttle valve module
- J533 Data bus diagnostic interface
- J623 Engine/motor control unit
- J743 Mechatronic unit for dual clutch gearbox
- T6bl 6-pin connector, black
- T17a 17-pin connector, on lower section of left A-pillar, black
- T20a 20-pin connector, red
- T25 25-pin connector, black
- T60 60-pin connector, black
- T94 94-pin connector, black
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- E124 Connection 1 (powertrain CAN bus, low), in engine wiring harness
- * For models with dual clutch gearbox



Control unit in dash panel insert, Data bus diagnostic interface, Engine/motor control unit

- J285 Control unit in dash panel insert
- J533 Data bus diagnostic interface
- J623 Engine/motor control unit
- T17a 17-pin connector, on lower section of left A-pillar, black
- T20a 20-pin connector, red
- T94 94-pin connector, black
- (B383) Connection 1 (powertrain CAN bus, high), in main wiring harness
- (B397) Connection 1 (convenience CAN bus, high), in main wiring harness
- (B398) Connection 2 (convenience CAN bus, high), in main wiring harness
- (B406) Connection 1 (convenience CAN bus, low), in main wiring harness
- (B407) Connection 2 (convenience CAN bus, low), in main wiring harness
- (E123) Connection 1 (powertrain CAN bus, high), in engine wiring harness
- * For models with dual clutch gearbox
- *2 For left-hand drive models
- *3 see applicable current flow diagram for dash panel insert
- *4 For right-hand drive models

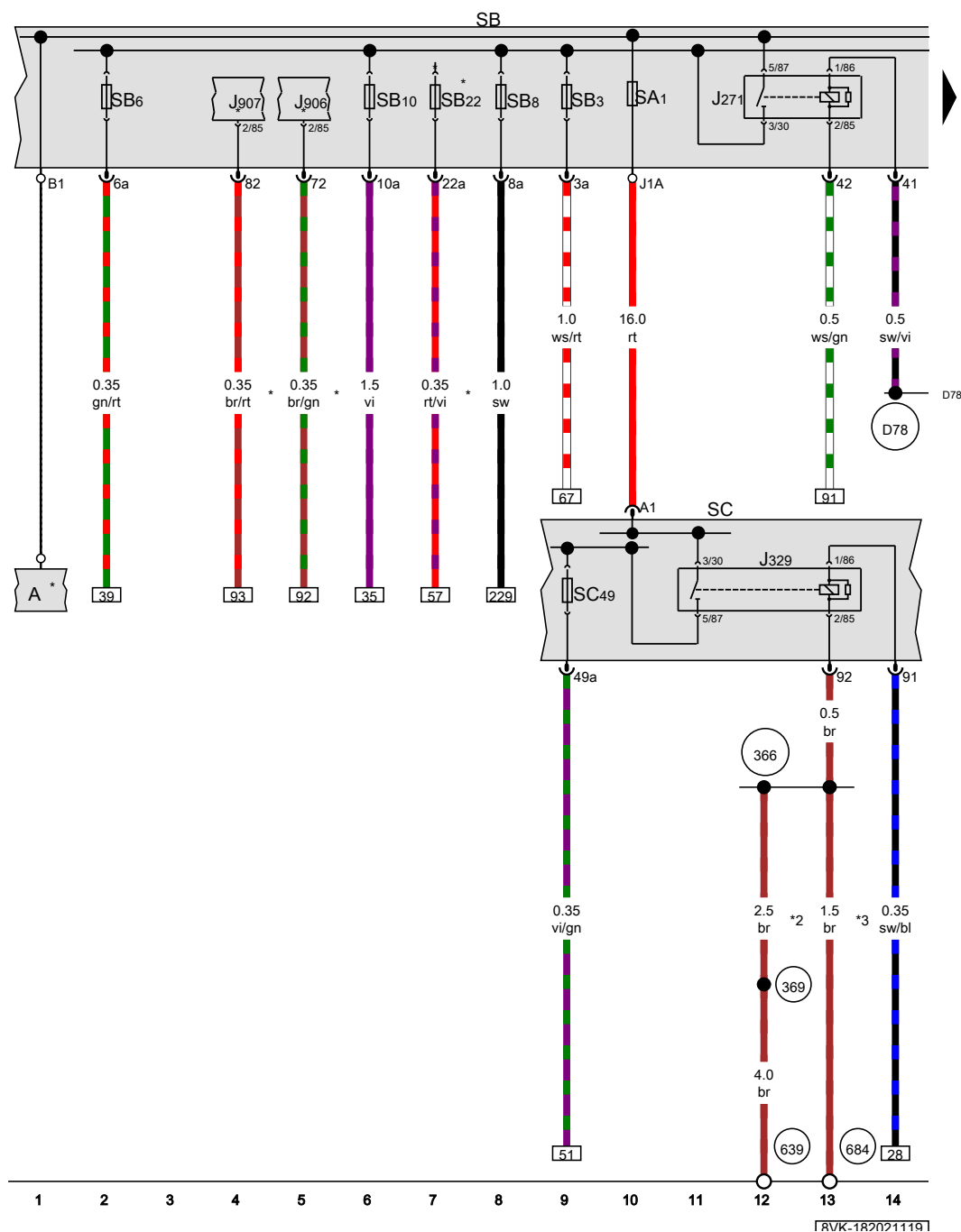
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 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

183 184 185 186 187 188 189 190 191 192 193 194 195 196

[AVK-181151119]

2.0l petrol engine , CZPB,DBFB

From May 2016

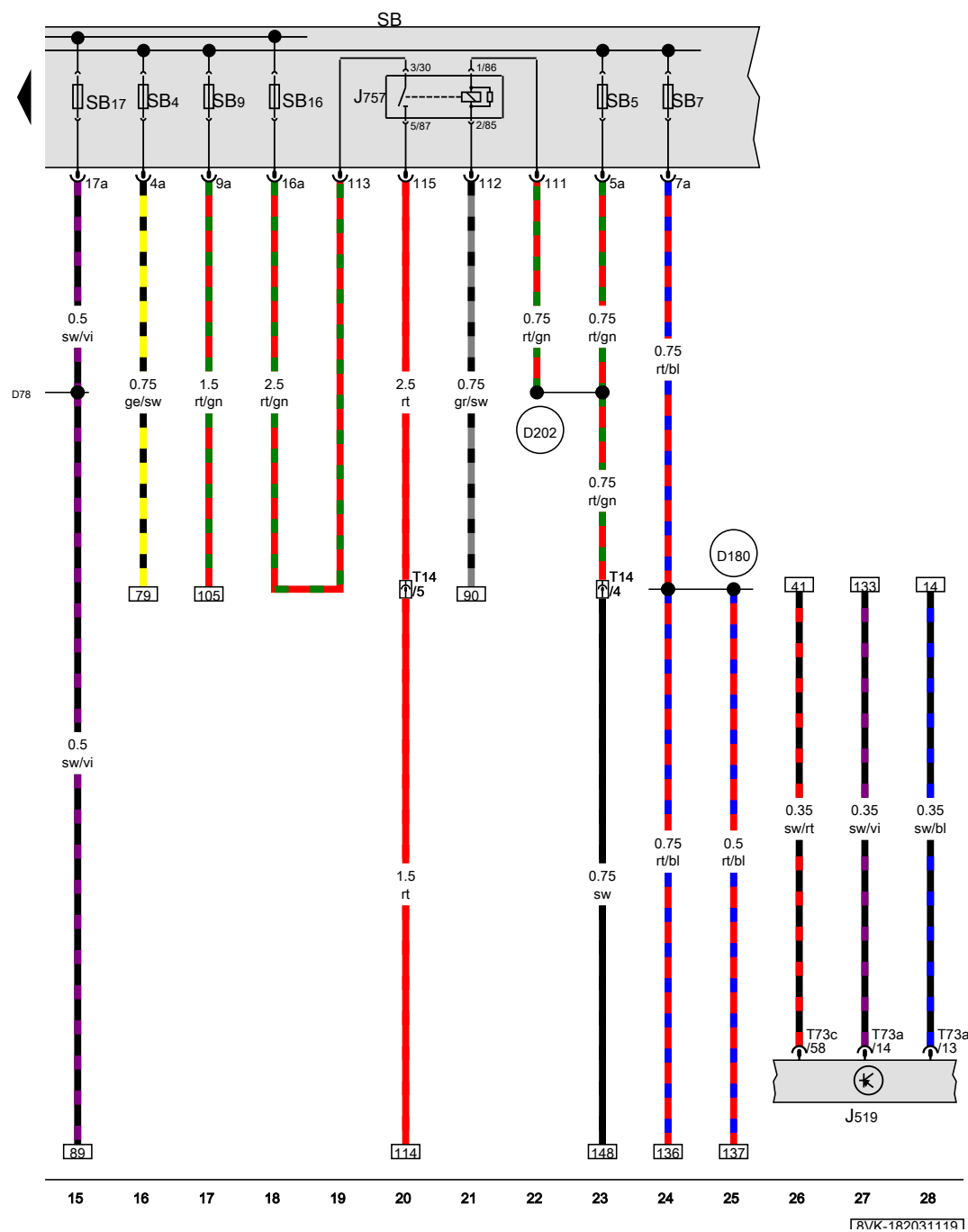


Main relay, Terminal 15 voltage supply relay, Fuse holder B, Fuse holder C

- A Battery
- J271 Main relay
- J329 Terminal 15 voltage supply relay
- J906 Starter relay 1
- J907 Starter relay 2
- SA1 Fuse 1 on fuse holder A
- SB Fuse holder B
- SB3 Fuse 3 on fuse holder B
- SB6 Fuse 6 on fuse holder B
- SB8 Fuse 8 on fuse holder B
- SB10 Fuse 10 on fuse holder B
- SB22 Fuse 22 on fuse holder B
- SC Fuse holder C
- SC49 Fuse 49 on fuse holder C

- 366 Earth connection 1, in main wiring harness
- 369 Earth connection 4, in main wiring harness
- 639 Earth point, left A-pillar
- 684 Earth point on front of left side member
- D78 Positive connection 1 (30a), in engine compartment wiring harness
- * see applicable current flow diagram for battery in engine compartment
- *2 For left-hand drive models
- *3 For right-hand drive models

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

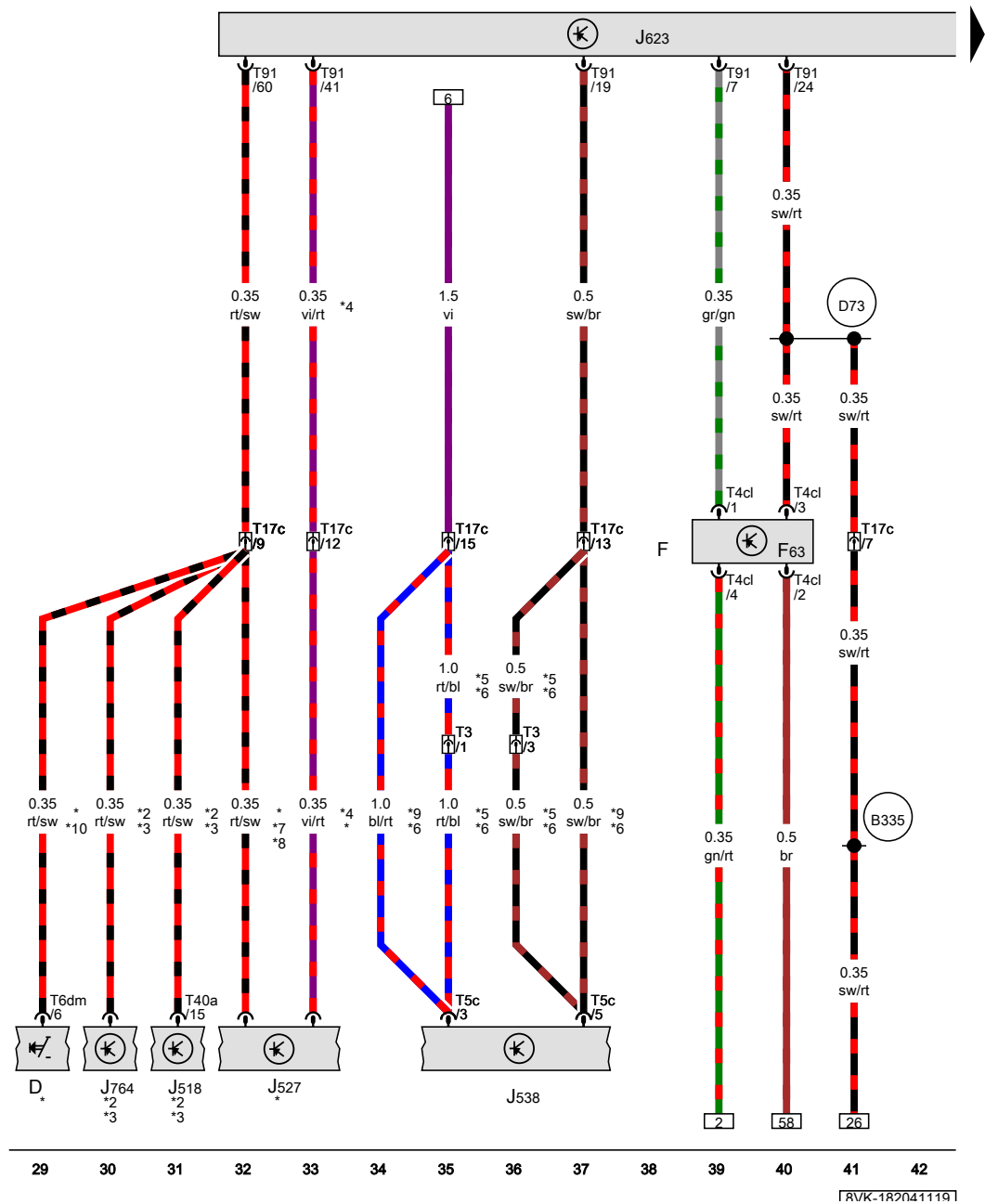


Onboard supply control unit, Engine component current supply relay, Fuse holder B

- J519 Onboard supply control unit
- J757 Engine component current supply relay
- SB Fuse holder B
- SB4 Fuse 4 on fuse holder B
- SB5 Fuse 5 on fuse holder B
- SB7 Fuse 7 on fuse holder B
- SB9 Fuse 9 on fuse holder B
- SB16 Fuse 16 on fuse holder B
- SB17 Fuse 17 on fuse holder B
- T14 14-pin connector, grey
- T73a 73-pin connector, black
- T73c 73-pin connector, black
- (D78) Positive connection 1 (30a), in engine compartment wiring harness
- (D180) Connection (87a), in engine compartment wiring harness
- (D202) Connection 6 (87a), in engine compartment wiring harness

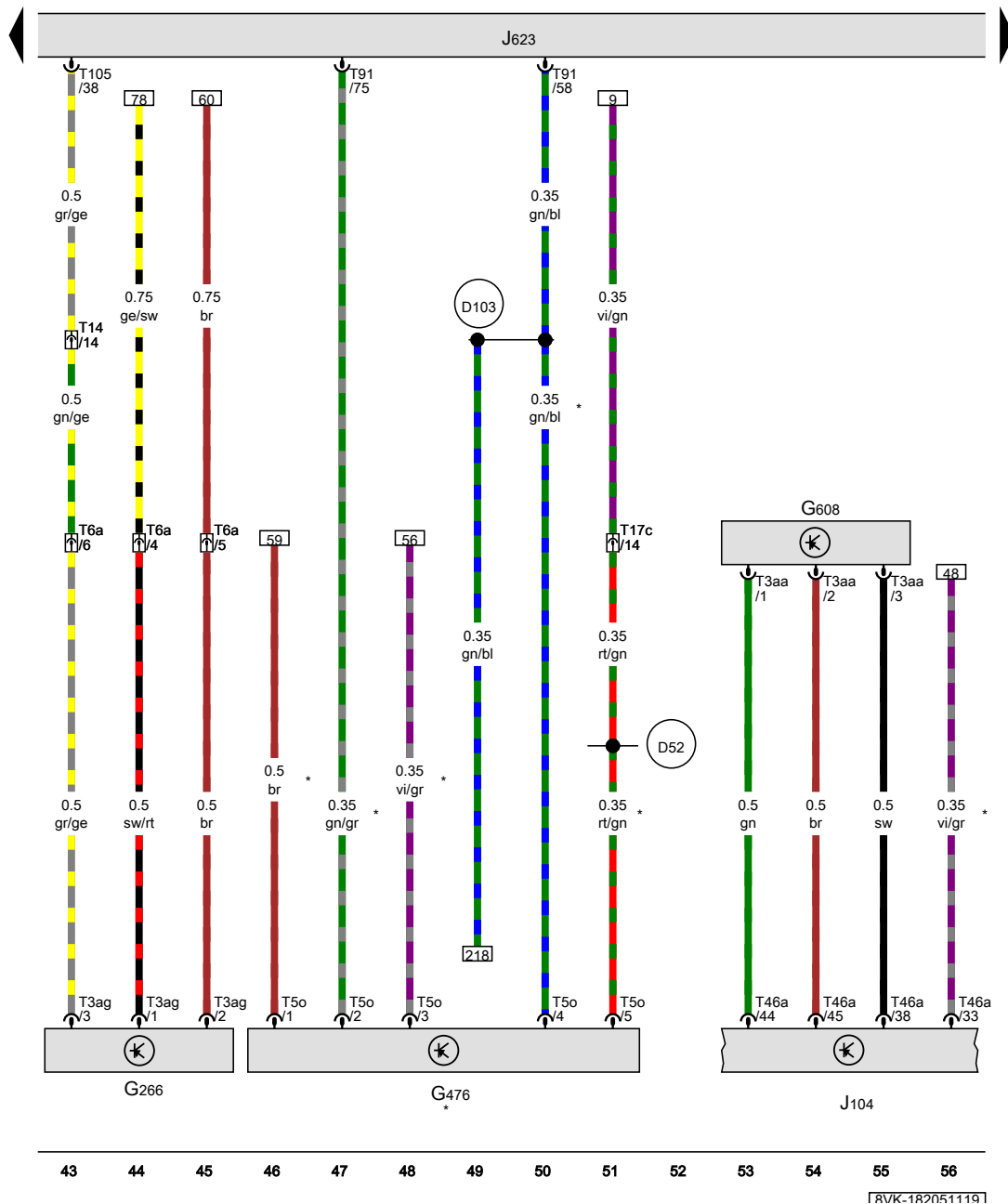
ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

Brake light switch, Brake pedal switch, Steering column electronics control unit, Engine/motor control unit



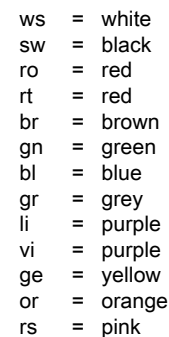
- D Ignition/starter switch
- F Brake light switch
- F63 Brake pedal switch
- J518 Entry and start authorisation control unit
- J527 Steering column electronics control unit
- J538 Fuel pump control unit
- J623 Engine/motor control unit
- J764 Control unit for electronic steering column lock
- T3 3-pin connector, black
- T4cl 4-pin connector, black
- T5c 5-pin connector, black
- T6dm 6-pin connector, black
- T17c 17-pin connector, on lower section of left A-pillar, red
- T40a 40-pin connector, black
- T91 91-pin connector, black
- B335 Connection 1 (54), in main wiring harness
- D73 Positive connection (54), in engine compartment wiring harness
- * see applicable current flow diagram for steering column electronics
- *2 see applicable current flow diagram for entry and start authorisation
- *3 According to equipment
- *4 For models with cruise control system (CCS)
- *5 For models with auxiliary heating
- *6 see applicable current flow diagram for fuel system
- *7 For models with no entry and start authorisation
- *8 Up to June 2018
- *9 For models with no auxiliary heater
- *10 From July 2018

Oil level and oil temperature sender, Clutch position sender, Vacuum sender, Engine/motor control unit



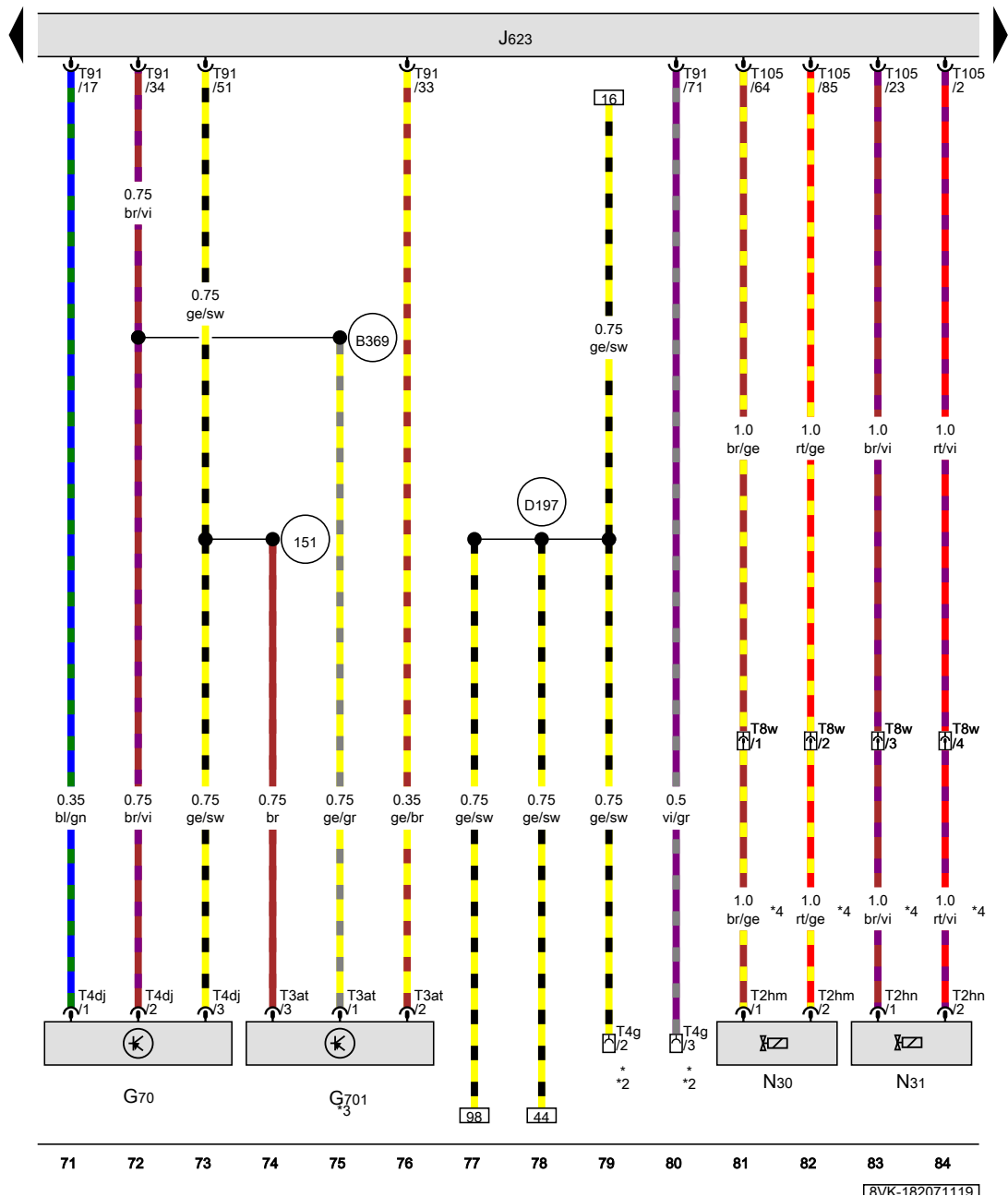
- G266 Oil level and oil temperature sender
- G476 Clutch position sender
- G608 Vacuum sender
- J104 ABS control unit
- J623 Engine/motor control unit
- T3aa 3-pin connector, black
- T3ag 3-pin connector, black
- T5o 5-pin connector, black
- T6a 6-pin connector, black
- T14 14-pin connector, grey
- T17c 17-pin connector, on lower section of left A-pillar, red
- T46a 46-pin connector, black
- T91 91-pin connector, black
- T105 105-pin connector, black
- (D52) Positive connection (15a), in engine compartment wiring harness
- (D103) Connection 3 in engine compartment wiring harness
- * For models with manual gearbox

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



- J623 Engine/motor control unit
- T91 91-pin connector, black
- 85 Earth connection 1, in engine compartment wiring harness
- 131 Earth connection 2, in engine compartment wiring harness
- 209 Earth connection 6, in engine compartment wiring harness
- 419 Earth connection 11, in engine compartment wiring harness
- 671 Earth point 1, on front of left longitudinal member
- D183 Connection 4 (87a), in engine compartment wiring harness
- * see applicable current flow diagram for battery in engine compartment
- *2 For models with manual gearbox

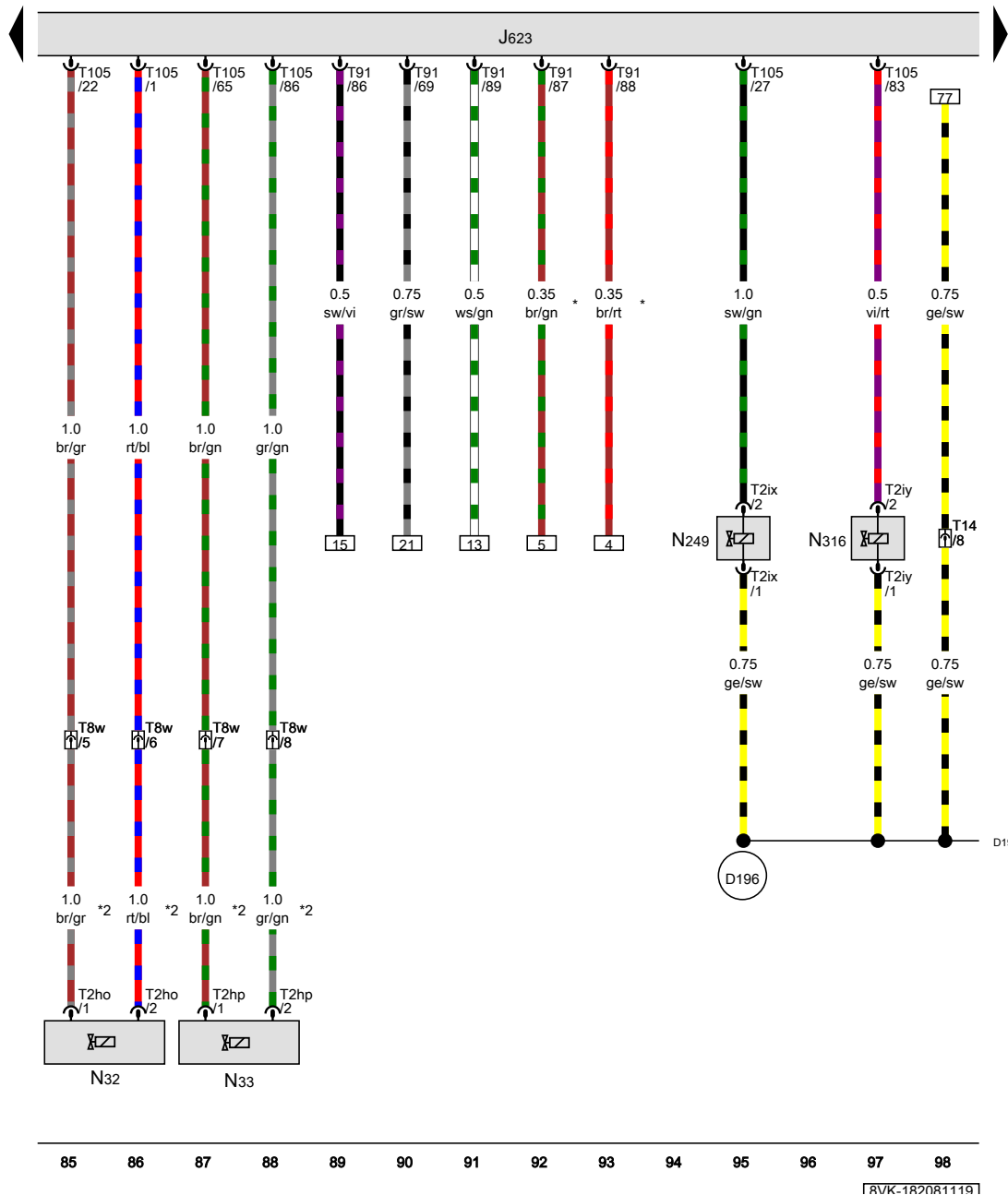
Gearbox neutral position sender, Engine/motor control unit, Injector, cylinder 1, Injector, cylinder 2



- G70 Air mass meter
- G701 Gearbox neutral position sender
- J623 Engine/motor control unit
- N30 Injector, cylinder 1
- N31 Injector, cylinder 2
- T2hm 2-pin connector, black
- T2hn 2-pin connector, black
- T3at 3-pin connector, black
- T4dj 4-pin connector, black
- T4g 4-pin connector, black
- T8w 8-pin connector, black
- T91 91-pin connector, black
- T105 105-pin connector, black

- 151 Earth connection 1, in front wiring harness
- B369 Connection 1 (5V), in main wiring harness
- D197 Connection 5 (87a), in engine compartment wiring harness
- * Radiator fan connection
- *2 see applicable current flow diagram for radiator fan
- *3 According to equipment
- *4 Wiring colour depends on equipment

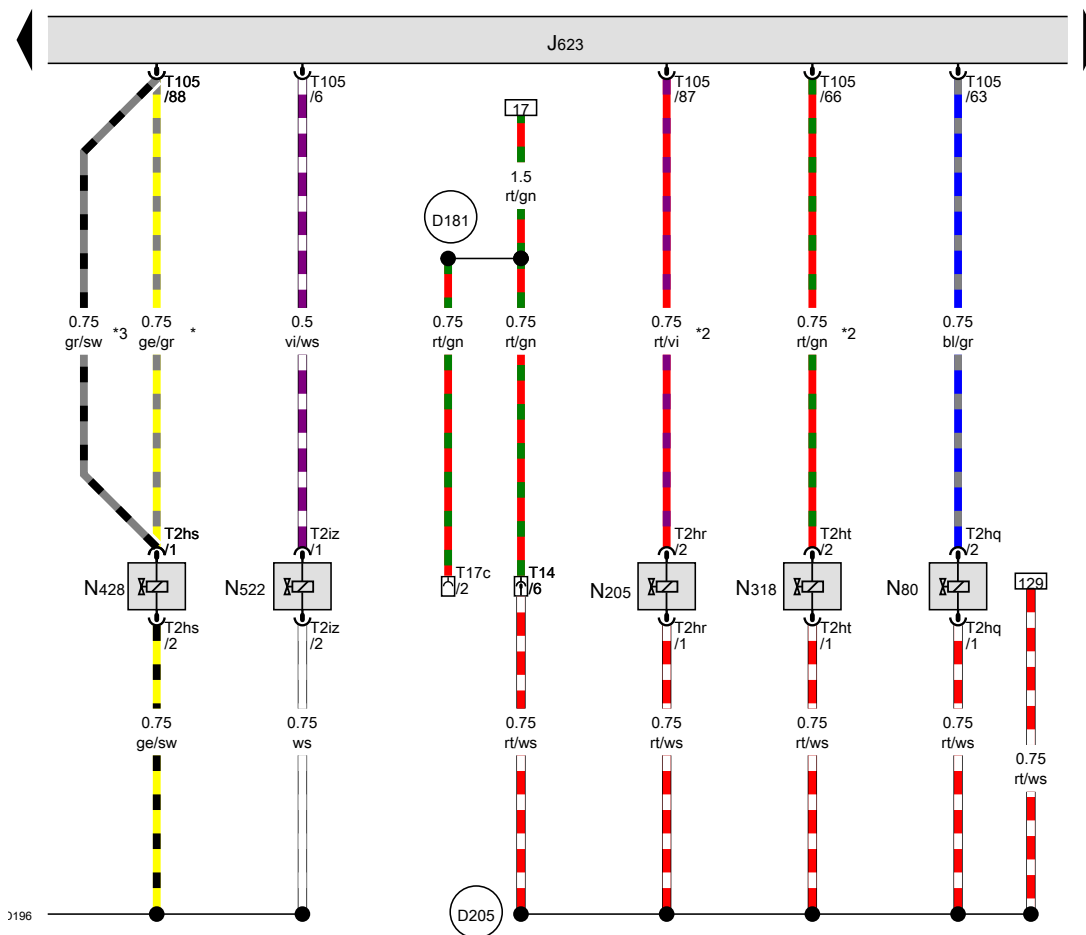
Engine/motor control unit, Injector, cylinder 3, Injector, cylinder 4, Turbocharger air recirculation valve, Intake manifold flap valve



- J623 Engine/motor control unit
- N32 Injector, cylinder 3
- N33 Injector, cylinder 4
- N249 Turbocharger air recirculation valve
- N316 Intake manifold flap valve
- T2ho 2-pin connector, black
- T2hp 2-pin connector, black
- T2ix 2-pin connector, black
- T2iy 2-pin connector, black
- T8w 8-pin connector, black
- T14 14-pin connector, grey
- T91 91-pin connector, black
- T105 105-pin connector, black

D196 Connection 2 (87a) in engine prewiring harness

- * see applicable current flow diagram for battery in engine compartment
- *2 Wiring colour depends on equipment



Engine/motor control unit, Activated charcoal filter solenoid valve 1, Camshaft control valve 1, Exhaust camshaft control valve 1, Valve for oil pressure control, Piston cooling jet control valve

- J623 Engine/motor control unit
- N80 Activated charcoal filter solenoid valve 1
- N205 Camshaft control valve 1
- N318 Exhaust camshaft control valve 1
- N428 Valve for oil pressure control
- N522 Piston cooling jet control valve
- T2hq 2-pin connector, black
- T2hr 2-pin connector, black
- T2hs 2-pin connector, black
- T2ht 2-pin connector, black
- T2iz 2-pin connector, black
- T14 14-pin connector, grey
- T17c 17-pin connector, on lower section of left A-pillar, red
- T105 105-pin connector, black

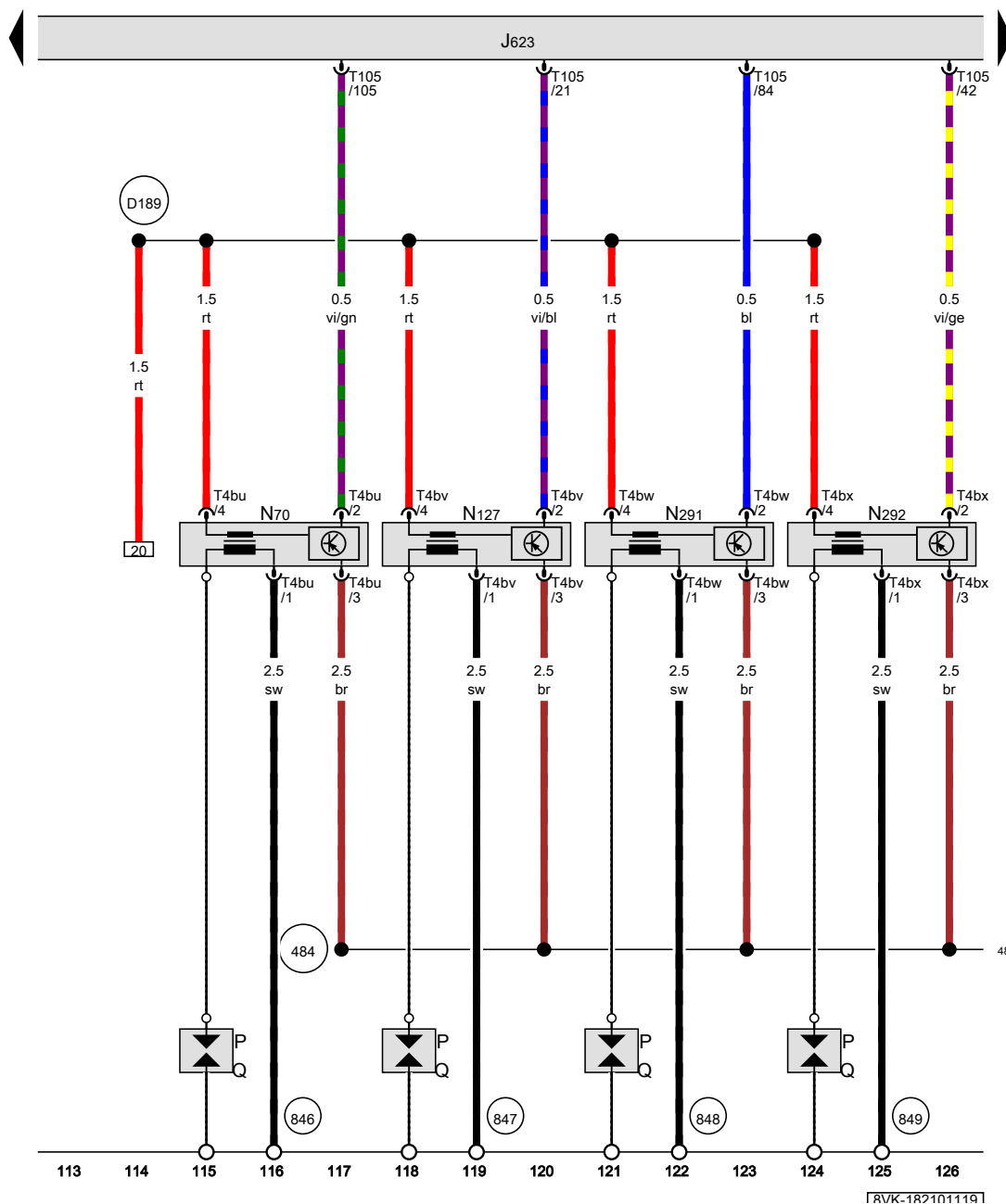
D181 Connection 2 (87a), in engine compartment wiring harness

D196 Connection 2 (87a) in engine prewiring harness

D205 Connection 3 (87a) in engine prewiring harness

- * Gradually discontinued
- *2 Different wire colour possible
- *3 gradual introduction

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

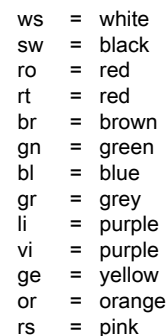


Engine/motor control unit, Ignition coil 1 with output stage, Ignition coil 2 with output stage, Ignition coil 3 with output stage, Ignition coil 4 with output stage

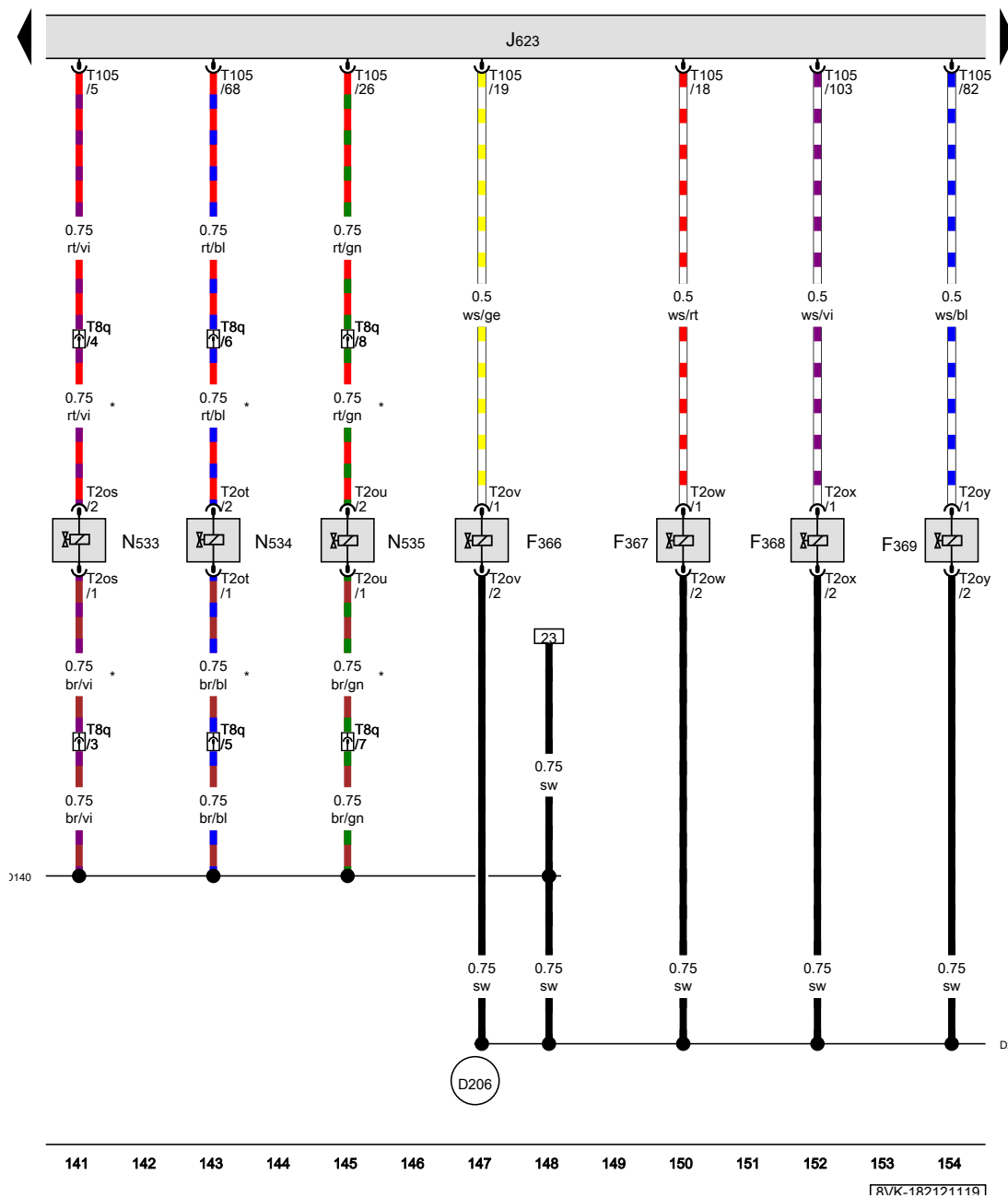
- J623 Engine/motor control unit
- N70 Ignition coil 1 with output stage
- N127 Ignition coil 2 with output stage
- N291 Ignition coil 3 with output stage
- N292 Ignition coil 4 with output stage
- P Spark plug connector
- Q Spark plugs
- T4bu 4-pin connector, black
- T4bv 4-pin connector, black
- T4bw 4-pin connector, black
- T4bx 4-pin connector, black
- T105 105-pin connector, black

- 484 Earth connection 2 (ignition coils), in engine prewiring harness
- 846 Earth point on ignition coil 1
- 847 Earth point on ignition coil 2
- 848 Earth point on ignition coil 3
- 849 Earth point on ignition coil 4
- D189 Connection (87a) in engine prewiring harness

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



J623	Engine/motor control unit
N82	Coolant shut-off valve
N290	Fuel metering valve
N488	Coolant valve for gearbox
N532	Injector 2, cylinder 1
T2hv	2-pin connector, black
T2ja	2-pin connector, black
T2jk	2-pin connector, black
T2or	2-pin connector, black
T3as	3-pin connector, black
T8q	8-pin connector, black
T10p	10-pin connector
T14	14-pin connector, grey
T17b	17-pin connector, on lower section of left A-pillar, brown
T91	91-pin connector, black
T105	105-pin connector, black
V51	Continued coolant circulation pump
201	Earth connection 5, in engine compartment wiring harness
484	Earth connection 2 (ignition coils), in engine prewiring harness
B466	Connection 2, in main wiring harness
D102	Connection 2 in engine compartment wiring harness
D140	Connection (injectors), in engine prewiring harness
*	According to equipment
*2	Wiring colour depends on equipment



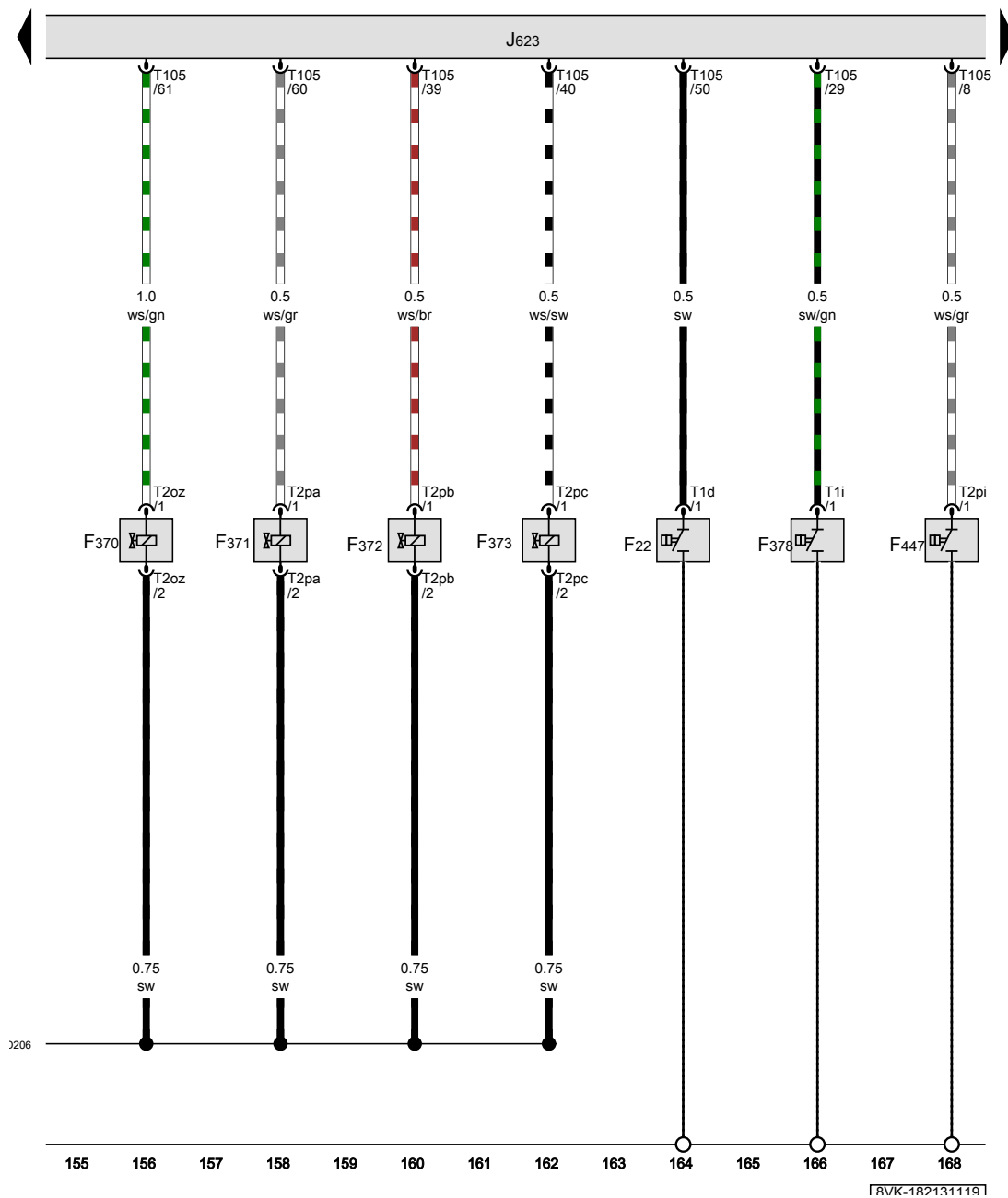
Cam adjustment actuator 1, Cam adjustment actuator 2, Cam adjustment actuator 3, Cam adjustment actuator 4, Engine/motor control unit, Injector 2, cylinder 2, Injector 2, cylinder 3, Injector 2, cylinder 4

- F366 Cam adjustment actuator 1
- F367 Cam adjustment actuator 2
- F368 Cam adjustment actuator 3
- F369 Cam adjustment actuator 4
- J623 Engine/motor control unit
- N533 Injector 2, cylinder 2
- N534 Injector 2, cylinder 3
- N535 Injector 2, cylinder 4
- T2os 2-pin connector, black
- T2ot 2-pin connector, black
- T2ou 2-pin connector, black
- T2ov 2-pin connector, black
- T2ow 2-pin connector, black
- T2ox 2-pin connector, black
- T2oy 2-pin connector, black
- T8q 8-pin connector, black
- T105 105-pin connector, black

D140 Connection (injectors), in engine prewiring harness

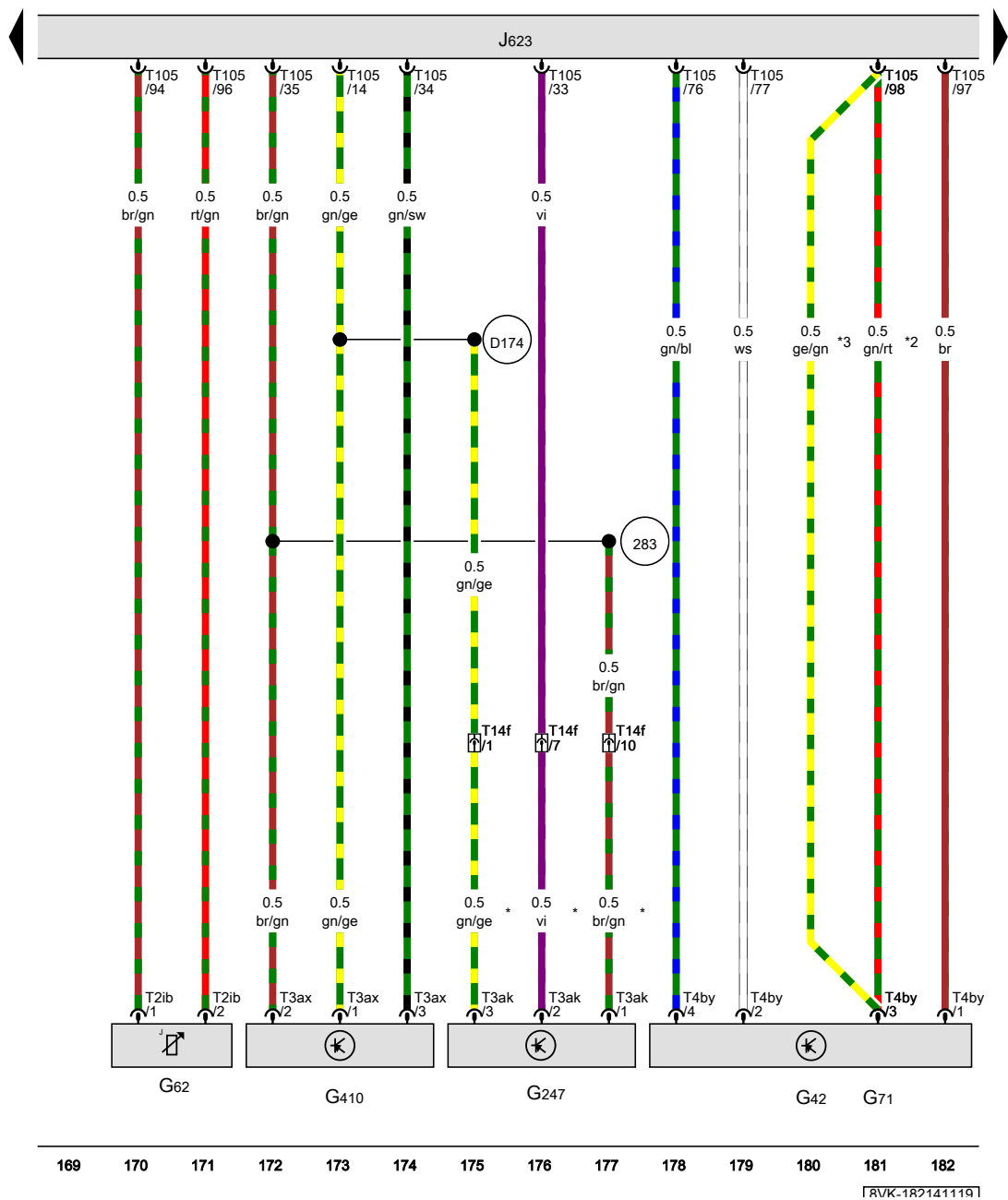
D206 Connection 4 (87a) in engine prewiring harness

* Wiring colour depends on equipment



Oil pressure switch, Cam adjustment actuator 5, Cam adjustment actuator 6, Cam adjustment actuator 7, Cam adjustment actuator 8, Oil pressure switch for reduced oil pressure, Engine/motor control unit

- F22 Oil pressure switch
 - F370 Cam adjustment actuator 5
 - F371 Cam adjustment actuator 6
 - F372 Cam adjustment actuator 7
 - F373 Cam adjustment actuator 8
 - F378 Oil pressure switch for reduced oil pressure
 - F447 Stage 3 oil pressure switch
 - J623 Engine/motor control unit
 - T1d 1-pin connector
 - T1i 1-pin connector, black
 - T2oz 2-pin connector, black
 - T2pa 2-pin connector, black
 - T2pb 2-pin connector, black
 - T2pc 2-pin connector, black
 - T2pi 2-pin connector, black
 - T105 105-pin connector, black
- D206 Connection 4 (87a) in engine prewiring harness



Intake air temperature sender, Coolant temperature sender, Intake manifold pressure sender, Fuel pressure sender, Engine/motor control unit

- G42 Intake air temperature sender
- G62 Coolant temperature sender
- G71 Intake manifold pressure sender
- G247 Fuel pressure sender
- G410 Fuel pressure sender for low pressure
- J623 Engine/motor control unit
- T2ib 2-pin connector, black
- T3ak 3-pin connector, black
- T3ax 3-pin connector, blue
- T4by 4-pin connector, black
- T14f 14-pin connector, in engine compartment, black
- T105 105-pin connector, black

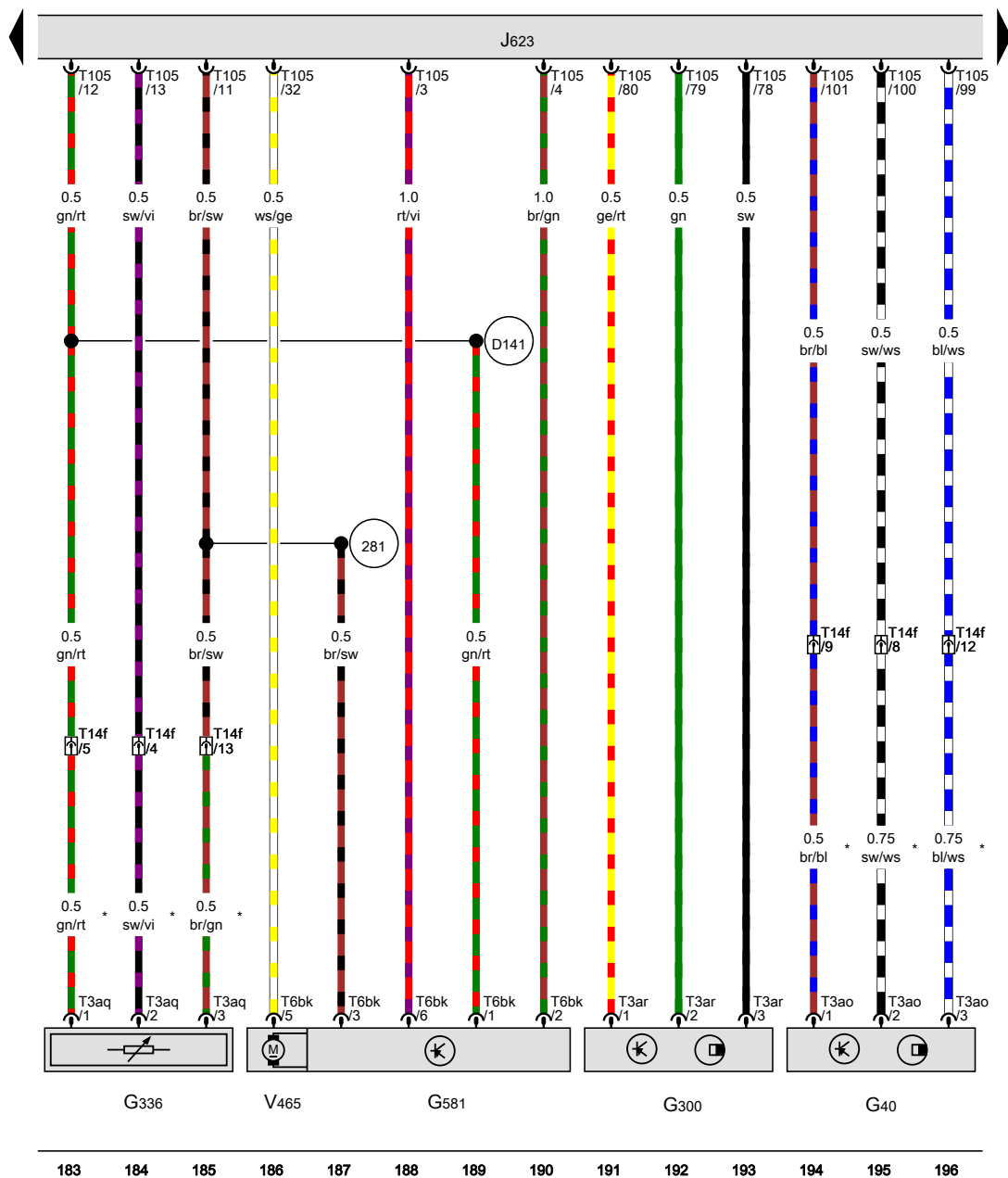
283 Earth point 2, engine prewiring harness

D174 Connection 2 (5V) in engine prewiring harness

* Wiring colour depends on equipment

*2 Gradually discontinued

*3 gradual introduction



Hall sender, Hall sender 3, Intake manifold flap potentiometer, Engine/motor control unit, Charge pressure positioner

- G40 Hall sender
- G300 Hall sender 3
- G336 Intake manifold flap potentiometer
- G581 Position sender for charge pressure positioner
- J623 Engine/motor control unit
- T3ao 3-pin connector, black
- T3aq 3-pin connector, black
- T3ar 3-pin connector, black
- T6bk 6-pin connector, grey
- T14f 14-pin connector, in engine compartment, black
- T105 105-pin connector, black
- V465 Charge pressure positioner

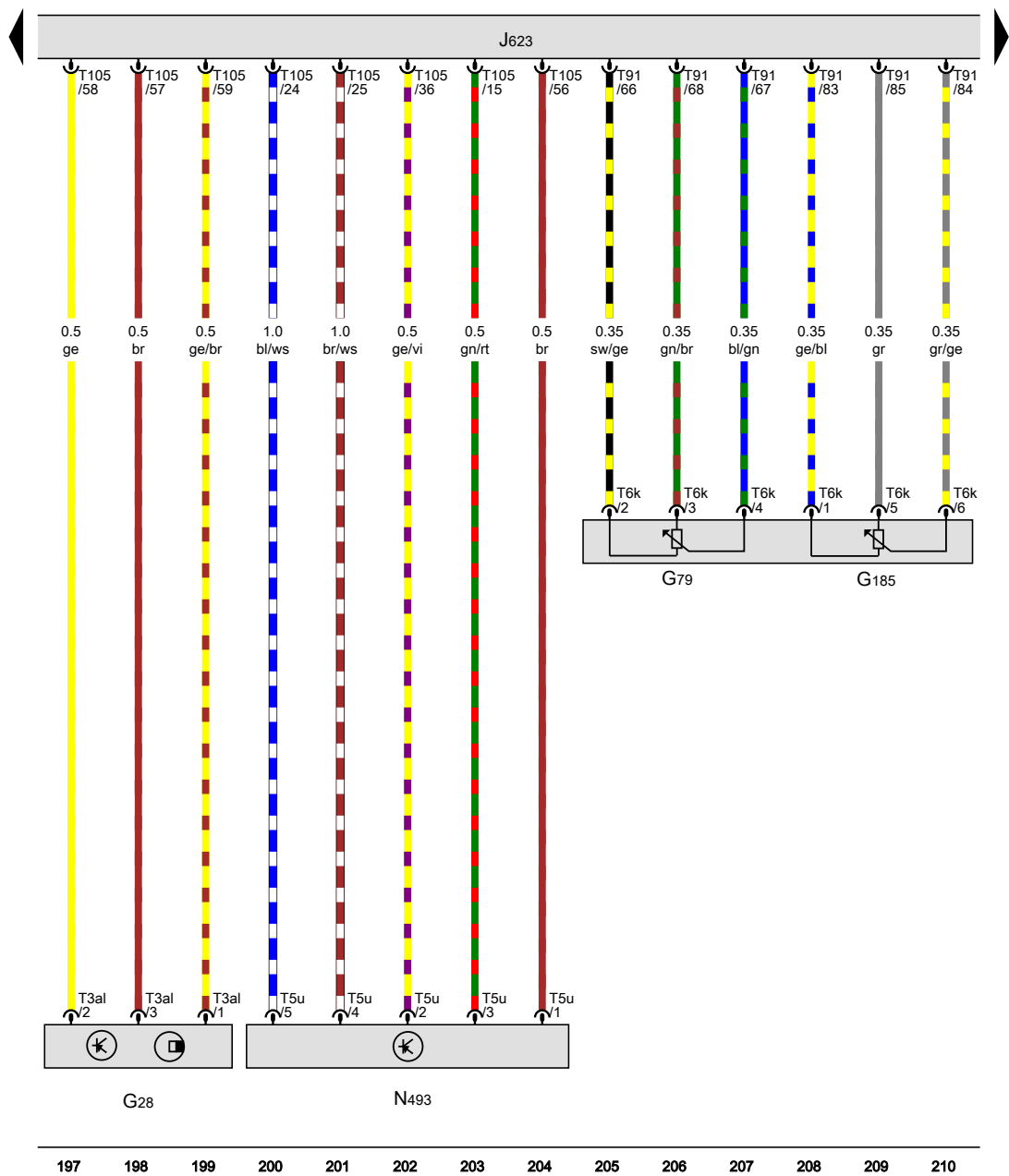
281 Earth point 1, engine prewiring harness

D141 Connection (5V) in engine prewiring harness

* Wiring colour depends on equipment

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

18V/K-182151119

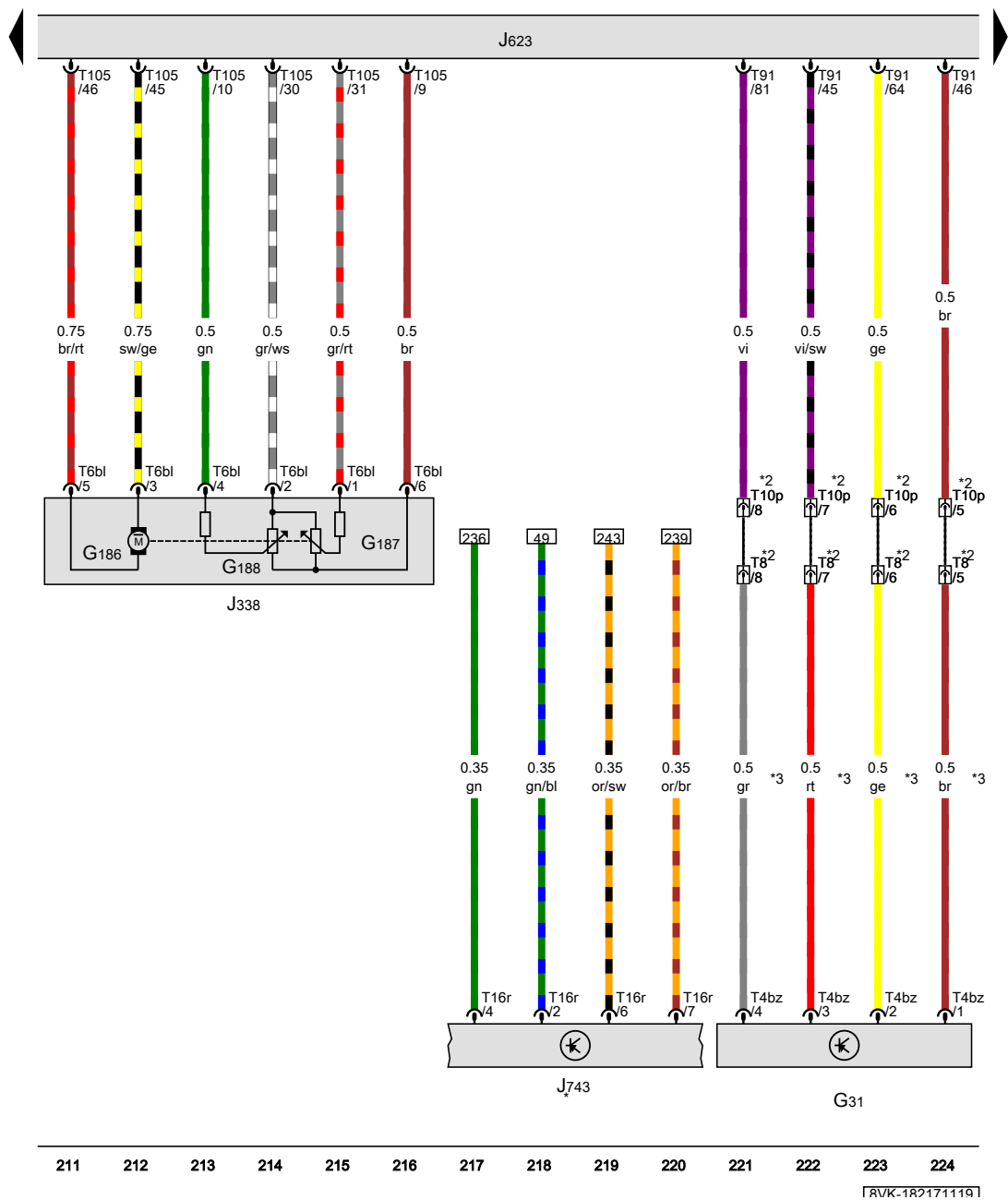


Engine speed sender, Accelerator position sender, Accelerator position sender 2, Engine/motor control unit, Actuator for engine temperature regulation

- G28 Engine speed sender
- G79 Accelerator position sender
- G185 Accelerator position sender 2
- J623 Engine/motor control unit
- N493 Actuator for engine temperature regulation
- T3al 3-pin connector, black
- T5u 5-pin connector, black
- T6k 6-pin connector, black
- T91 91-pin connector, black
- T105 105-pin connector, black

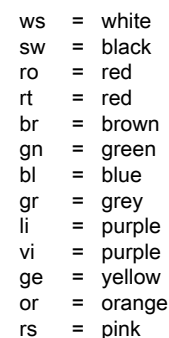
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Charge pressure sender, Throttle valve module, Engine/
motor control unit, Mechatronic unit for dual clutch gearbox

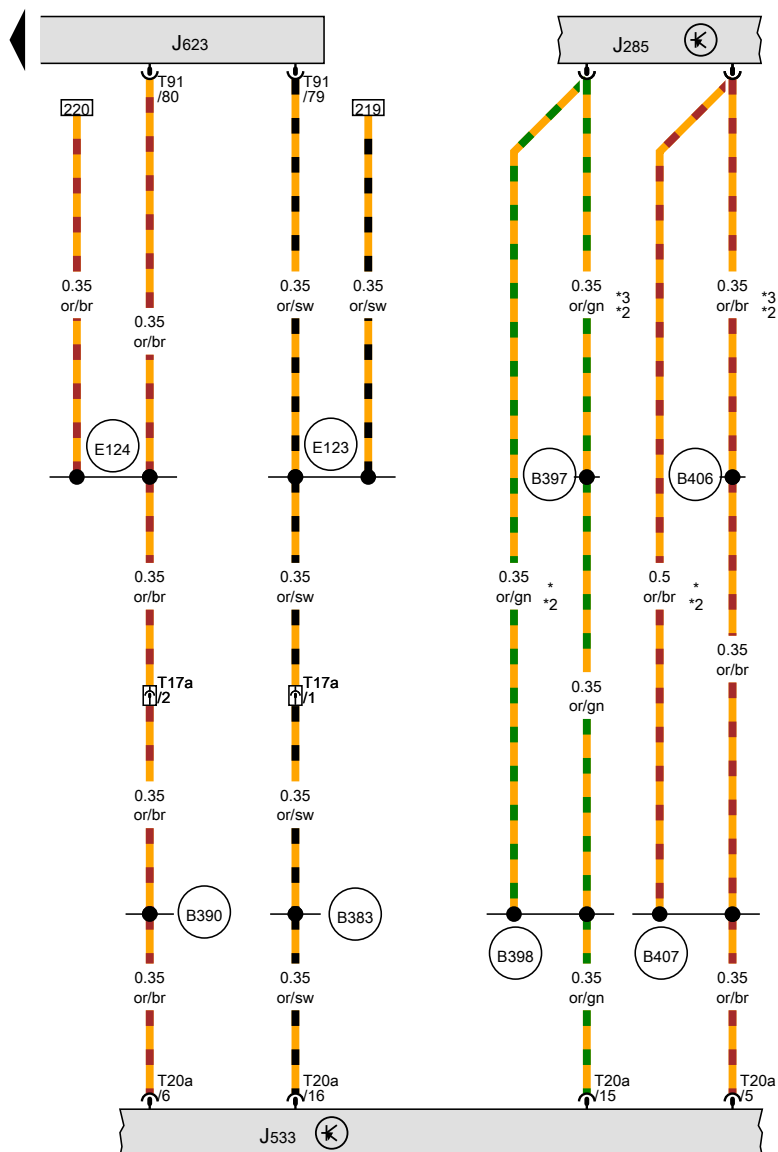


- G31 Charge pressure sender
- G186 Throttle valve drive for electric throttle
- G187 Throttle valve drive angle sender 1 for electric throttle
- G188 Throttle valve drive angle sender 2 for electric throttle
- J338 Throttle valve module
- J623 Engine/motor control unit
- J743 Mechatronic unit for dual clutch gearbox
- T4bz 4-pin connector, black
- T6bl 6-pin connector, black
- T8 8-pin connector, black
- T10p 10-pin connector, black
- T16r 16-pin connector
- T91 91-pin connector, black
- T105 105-pin connector, black
- * For models with dual clutch gearbox
- *2 According to equipment
- *3 Wiring colour depends on equipment

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink



G39	Lambda probe
G61	Knock sensor 1
G83	Radiator outlet coolant temperature sender
G130	Lambda probe after catalytic converter
J623	Engine/motor control unit
T2ic	2-pin connector, black
T2z	2-pin connector, black
T4e	4-pin connector, black
T5e	5-pin connector
T14	14-pin connector, grey
T91	91-pin connector, black
T105	105-pin connector, black
Z19	Lambda probe heater
Z29	Lambda probe 1 heater after catalytic converter
317	Earth connection 7, in engine compartment wiring harness
D207	Connection 7 (87a), in engine compartment wiring harness
*	Pre-wired component



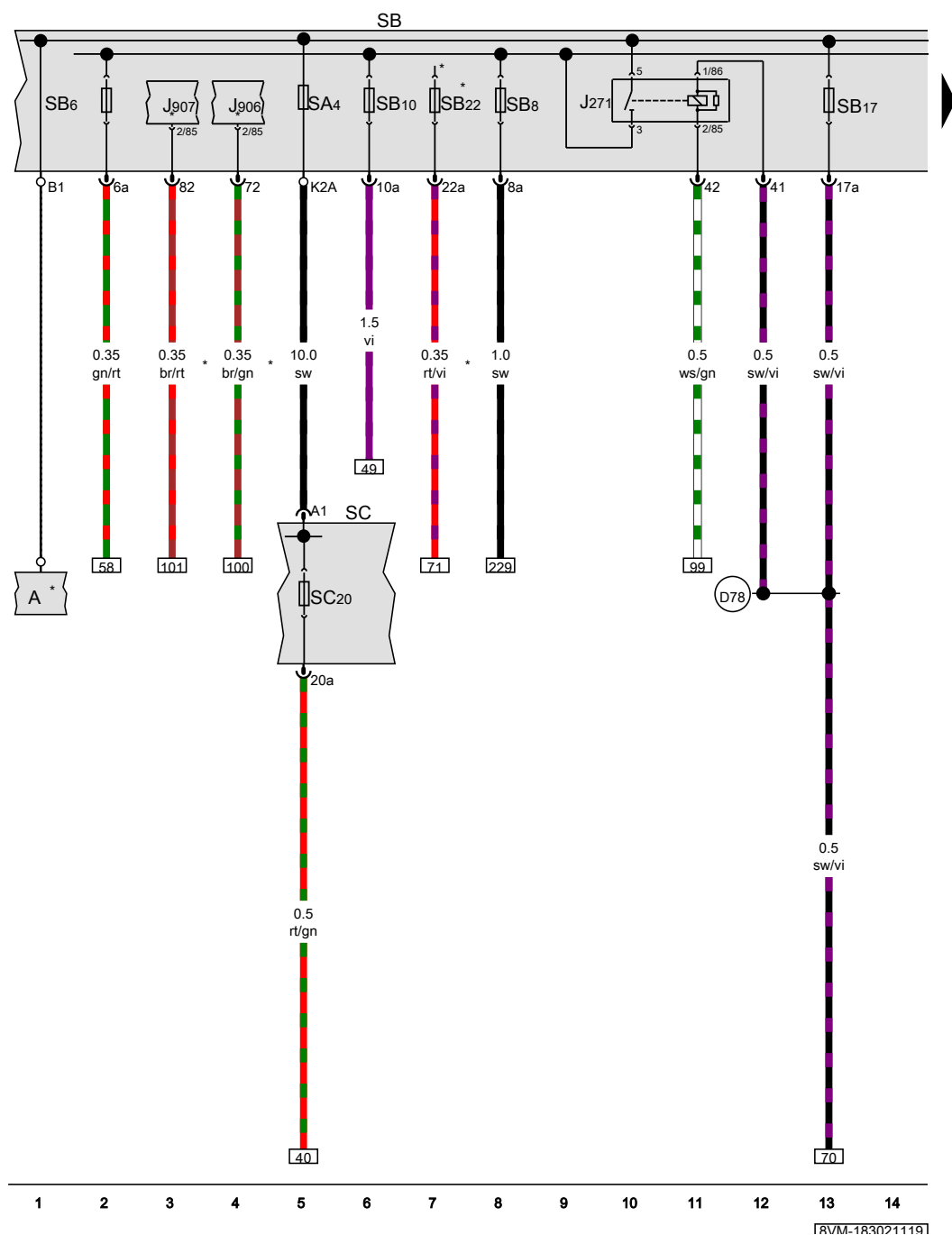
Control unit in dash panel insert, Data bus diagnostic interface, Engine/motor control unit

- J285 Control unit in dash panel insert
- J533 Data bus diagnostic interface
- J623 Engine/motor control unit
- T17a 17-pin connector, on lower section of left A-pillar, black
- T20a 20-pin connector, red
- T91 91-pin connector, black
- (B383) Connection 1 (powertrain CAN bus, high), in main wiring harness
- (B390) Connection 1 (powertrain CAN bus, low), in main wiring harness
- (B397) Connection 1 (convenience CAN bus, high), in main wiring harness
- (B398) Connection 2 (convenience CAN bus, high), in main wiring harness
- (B406) Connection 1 (convenience CAN bus, low), in main wiring harness
- (B407) Connection 2 (convenience CAN bus, low), in main wiring harness
- (E123) Connection 1 (powertrain CAN bus, high), in engine wiring harness
- (E124) Connection 1 (powertrain CAN bus, low), in engine wiring harness
- * For right-hand drive models
- *2 see applicable current flow diagram for dash panel insert
- *3 For left-hand drive models

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

2.0l petrol engine , CZRA

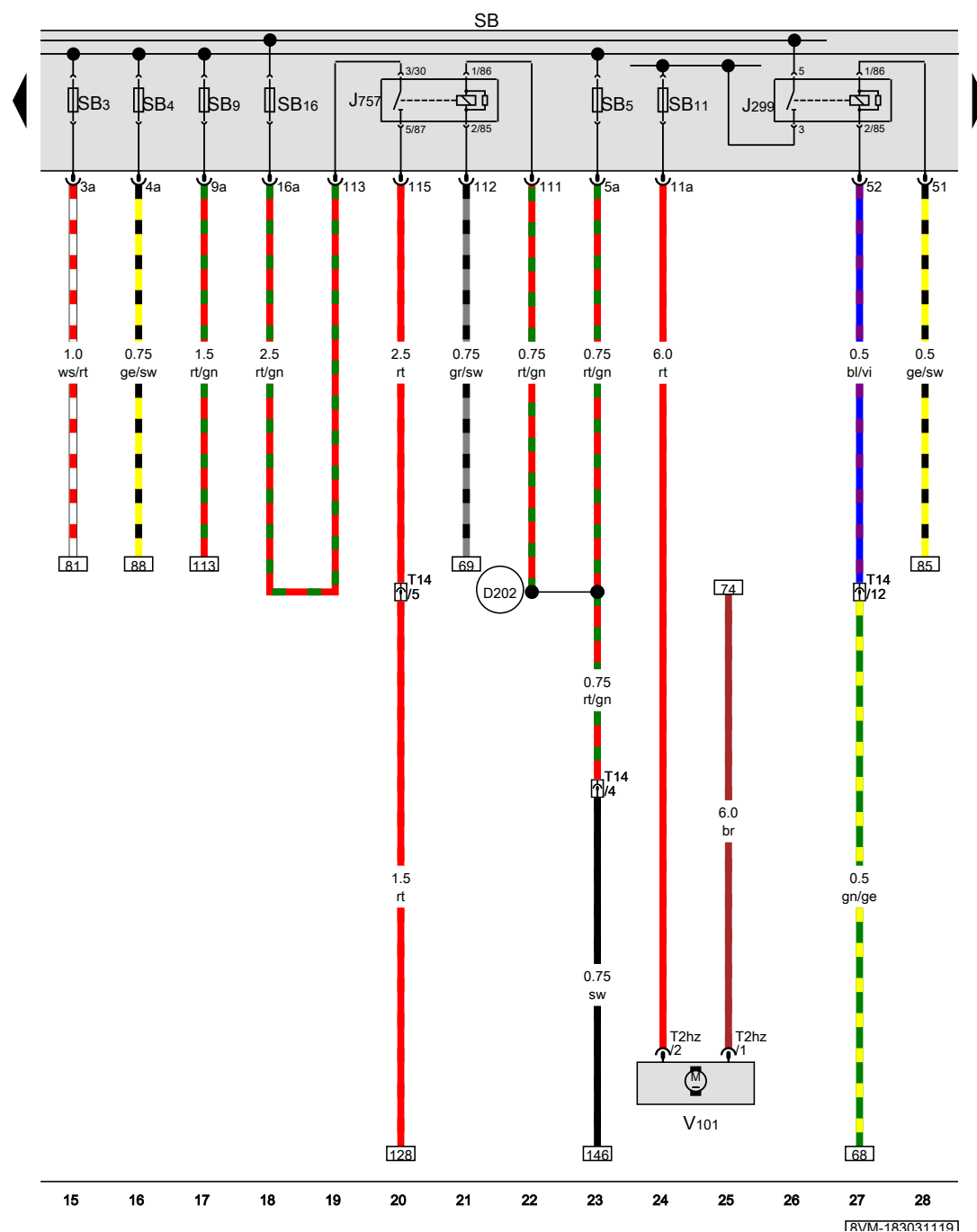
From May 2016



Main relay, Fuse holder B, Fuse holder C

- A Battery
 - J271 Main relay
 - J906 Starter relay 1
 - J907 Starter relay 2
 - SA4 Fuse 4 on fuse holder A
 - SB Fuse holder B
 - SB6 Fuse 6 on fuse holder B
 - SB8 Fuse 8 on fuse holder B
 - SB10 Fuse 10 on fuse holder B
 - SB17 Fuse 17 on fuse holder B
 - SB22 Fuse 22 on fuse holder B
 - SC Fuse holder C
 - SC20 Fuse 20 on fuse holder C
- (D78) Positive connection 1 (30a), in engine compartment wiring harness
- * see applicable current flow diagram for battery in engine compartment

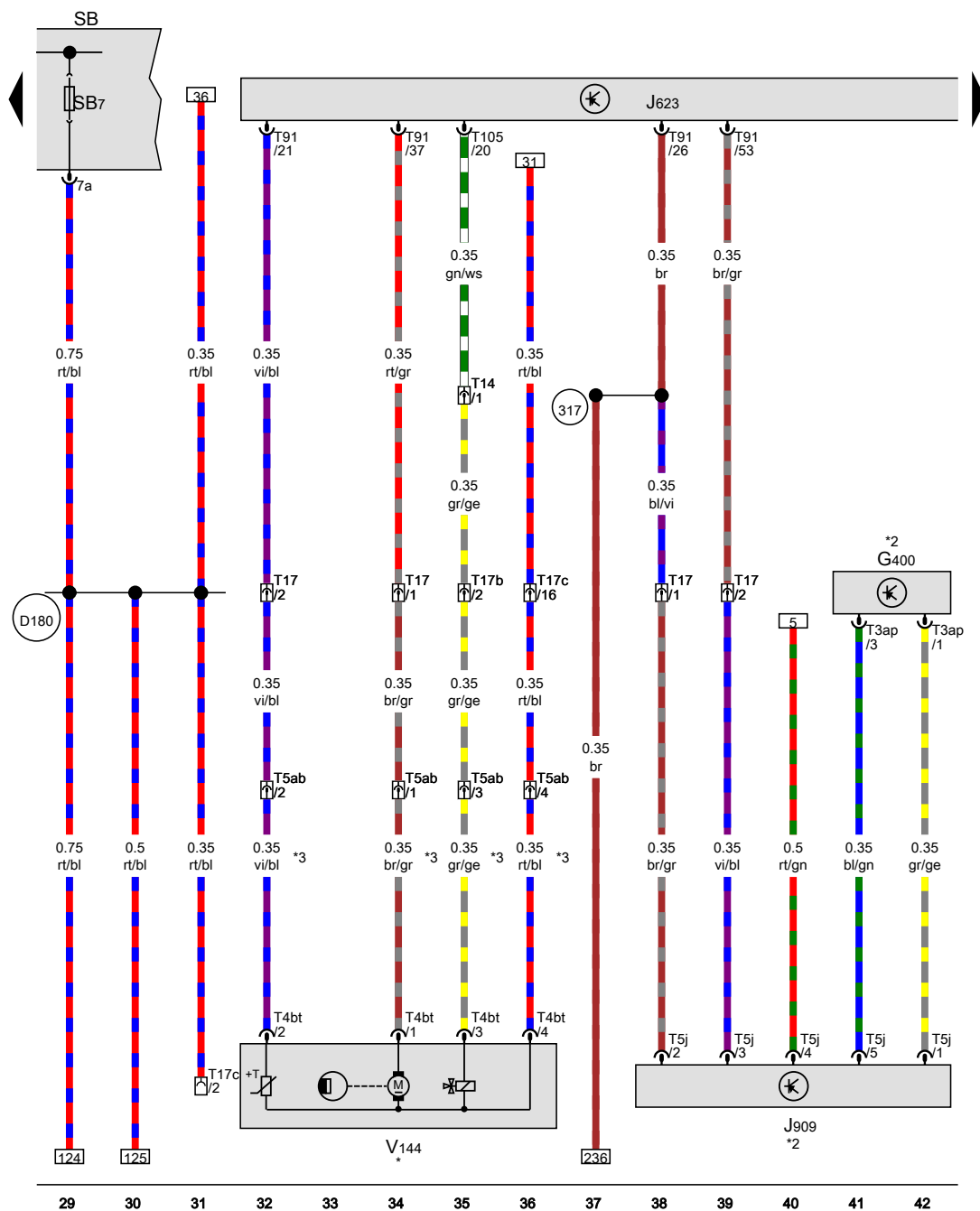
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 sw = black
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 gn = green
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Secondary air pump relay, Engine component current supply relay, Fuse holder B

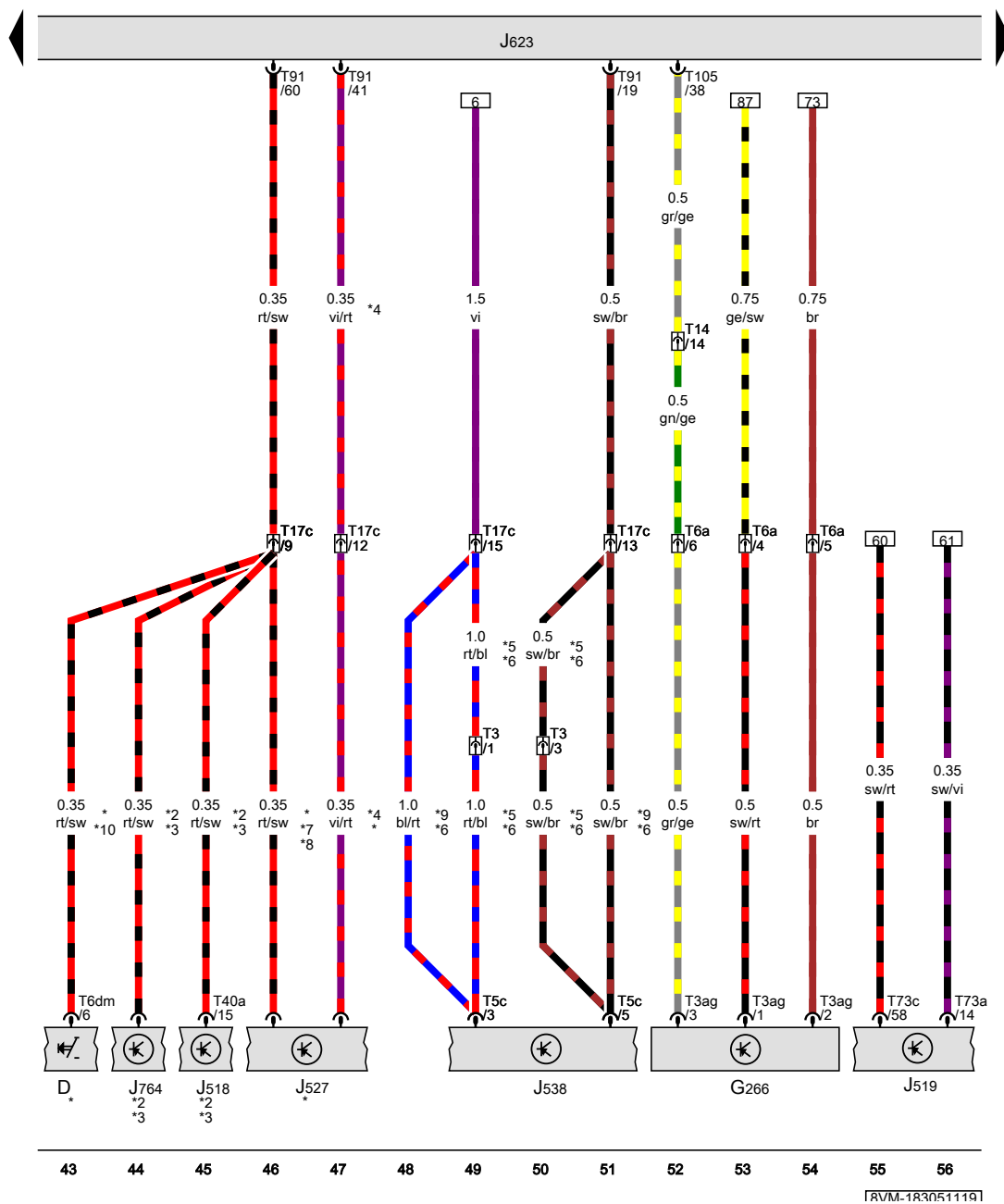
- J299 Secondary air pump relay
- J757 Engine component current supply relay
- SB Fuse holder B
- SB3 Fuse 3 on fuse holder B
- SB4 Fuse 4 on fuse holder B
- SB5 Fuse 5 on fuse holder B
- SB9 Fuse 9 on fuse holder B
- SB11 Fuse 11 on fuse holder B
- SB16 Fuse 16 on fuse holder B
- T2hz 2-pin connector
- T14 14-pin connector, in engine compartment, grey
- V101 Secondary air pump motor
- D202 Connection 6 (87a), in engine compartment wiring harness

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



Engine/motor control unit, Control unit for fuel tank leak detection, Fuse holder B, Fuel system diagnostic pump

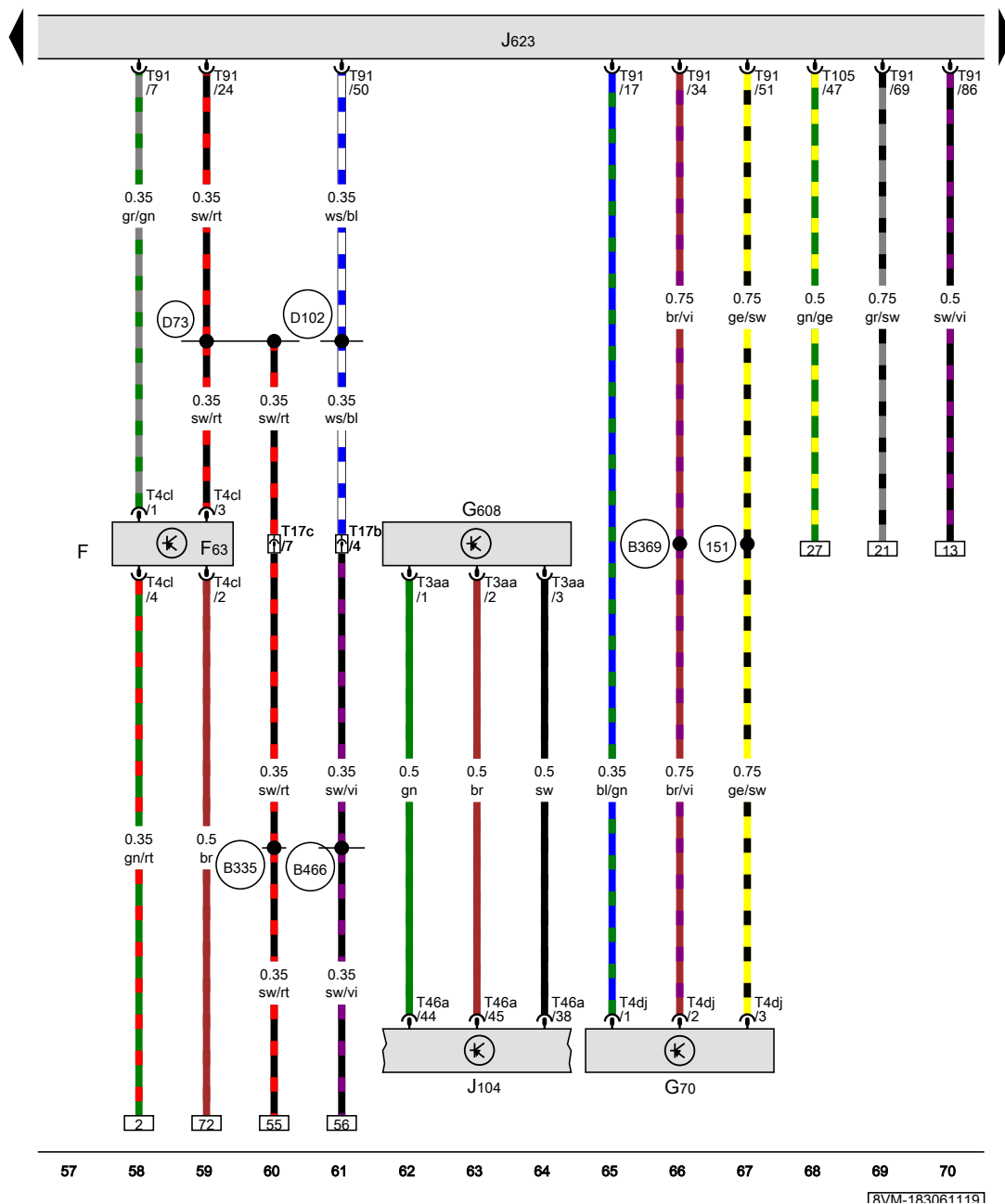
- G400 Tank pressure sensor
- J623 Engine/motor control unit
- J909 Control unit for fuel tank leak detection
- SB Fuse holder B
- SB7 Fuse 7 on fuse holder B
- T3ap 3-pin connector, black
- T4bt 4-pin connector, black
- T5ab 5-pin connector, black
- T5j 5-pin connector, black
- T14 14-pin connector, in engine compartment, grey
- T17 17-pin connector, on lower section of left A-pillar, blue
- T17b 17-pin connector, on lower section of left A-pillar, brown
- T17c 17-pin connector, on lower section of left A-pillar, red
- T91 91-pin connector, black
- T105 105-pin connector, black
- V144 Fuel system diagnostic pump
- 317 Earth connection 7, in engine compartment wiring harness
- D180 Connection (87a), in engine compartment wiring harness
- * gradual introduction
- *2 Gradually discontinued
- *3 Wiring colour depends on equipment



Oil level and oil temperature sender, Entry and start authorisation control unit, Onboard supply control unit, Steering column electronics control unit, Fuel pump control unit, Engine/motor control unit, Control unit for electronic steering column lock

- D Ignition/starter switch
- G266 Oil level and oil temperature sender
- J518 Entry and start authorisation control unit
- J519 Onboard supply control unit
- J527 Steering column electronics control unit
- J538 Fuel pump control unit
- J623 Engine/motor control unit
- J764 Control unit for electronic steering column lock
- T3 3-pin connector, black
- T3ag 3-pin connector, black
- T5c 5-pin connector, black
- T6a 6-pin connector, black
- T6dm 6-pin connector, black
- T14 14-pin connector, in engine compartment, grey
- T17c 17-pin connector, on lower section of left A-pillar, red
- T40a 40-pin connector, black
- T73a 73-pin connector, black
- T73c 73-pin connector, black
- T91 91-pin connector, black
- T105 105-pin connector, black
- * see applicable current flow diagram for steering column electronics
- *2 see applicable current flow diagram for entry and start authorisation
- *3 According to equipment
- *4 For models with cruise control system (CCS)
- *5 For models with auxiliary heating
- *6 see applicable current flow diagram for fuel system
- *7 For models with no entry and start authorisation
- *8 Up to June 2018
- *9 For models with no auxiliary heater
- *10 From July 2018

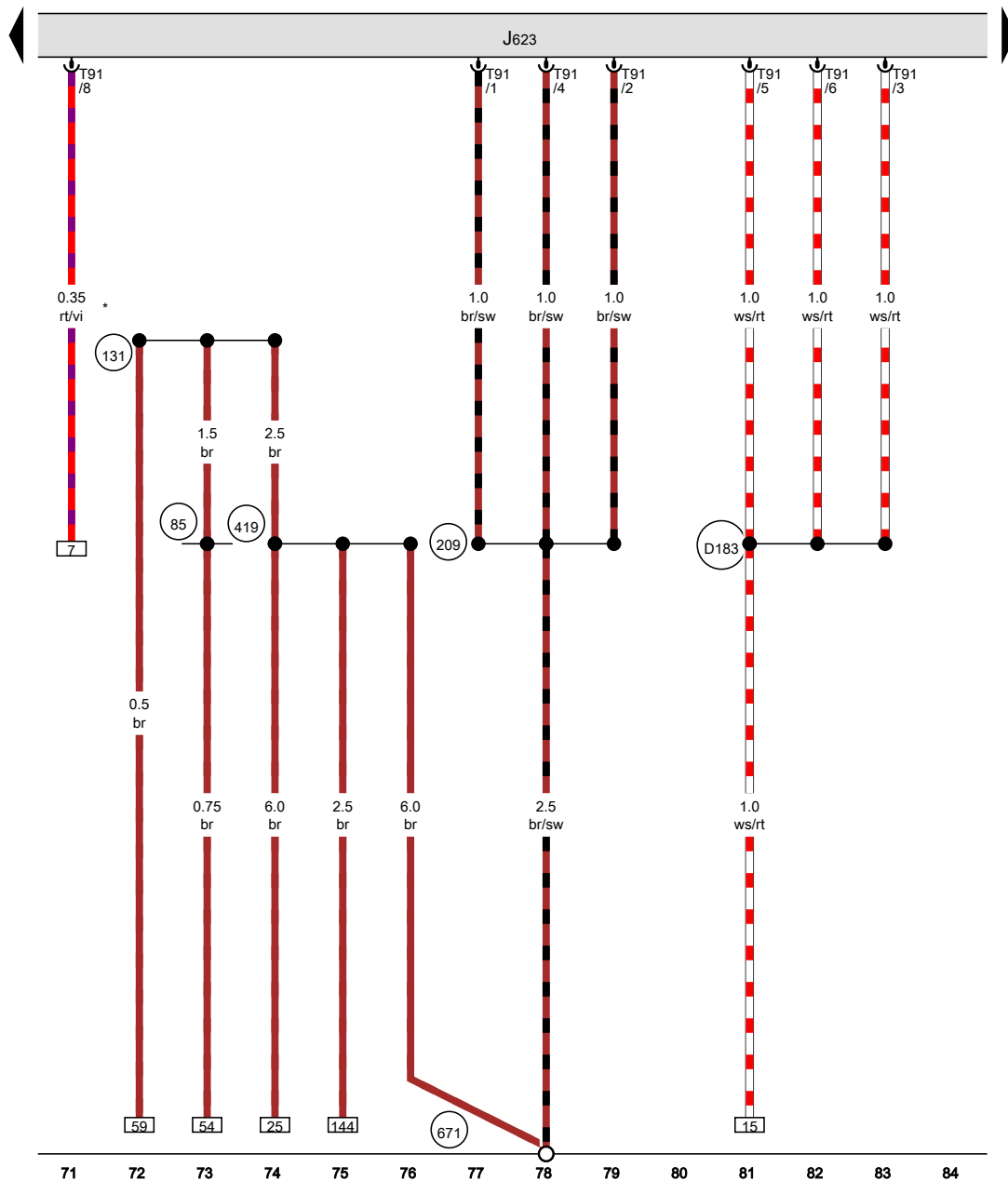
[RVM-183051119]



Brake light switch, Brake pedal switch, Vacuum sender, Engine/motor control unit

- F Brake light switch
- F63 Brake pedal switch
- G70 Air mass meter
- G608 Vacuum sender
- J104 ABS control unit
- J623 Engine/motor control unit
- T3aa 3-pin connector, black
- T4cl 4-pin connector, black
- T4dj 4-pin connector, black
- T17b 17-pin connector, on lower section of left A-pillar, brown
- T17c 17-pin connector, on lower section of left A-pillar, red
- T46a 46-pin connector, black
- T91 91-pin connector, black
- T105 105-pin connector, black
- (151) Earth connection 1, in front wiring harness
- (B335) Connection 1 (54), in main wiring harness
- (B369) Connection 1 (5V), in main wiring harness
- (B466) Connection 2, in main wiring harness
- (D73) Positive connection (54), in engine compartment wiring harness
- (D102) Connection 2 in engine compartment wiring harness

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Engine/motor control unit

J623 Engine/motor control unit

T91 91-pin connector, black

85 Earth connection 1, in engine compartment wiring harness

131 Earth connection 2, in engine compartment wiring harness

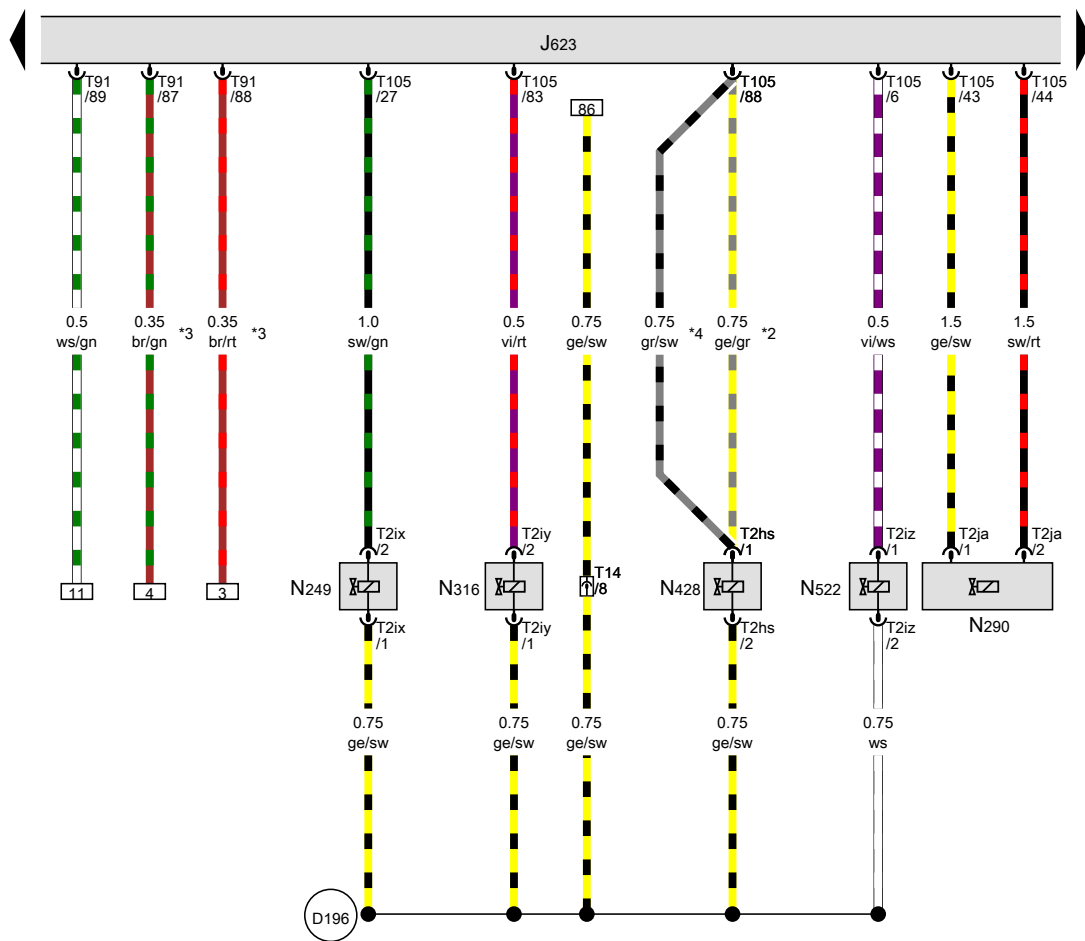
209 Earth connection 6, in engine compartment wiring harness

419 Earth connection 11, in engine compartment wiring harness

671 Earth point 1, on front of left longitudinal member

D183 Connection 4 (87a), in engine compartment wiring harness

* see applicable current flow diagram for battery in engine compartment



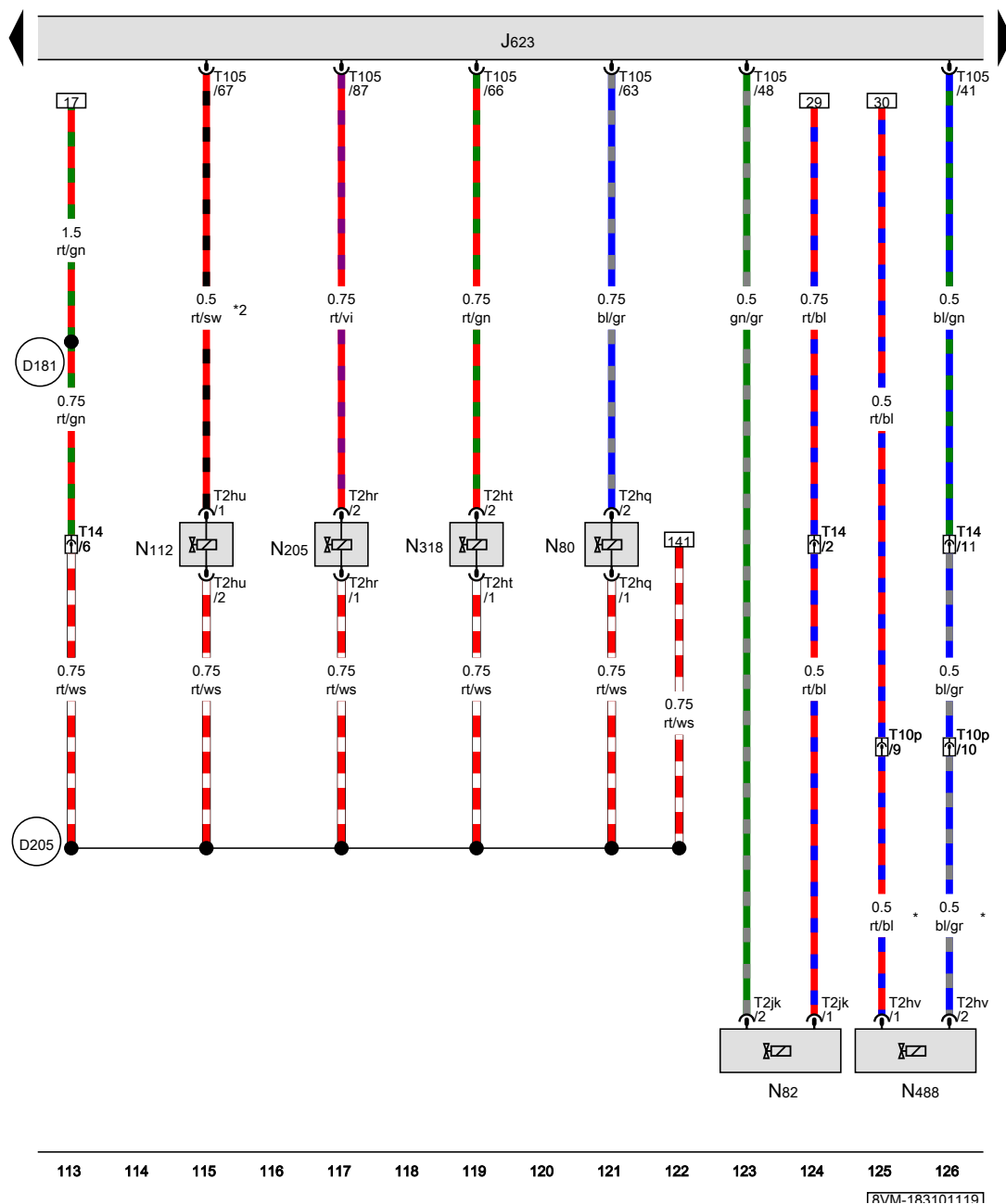
Engine/motor control unit, Turbocharger air recirculation valve, Fuel metering valve, Intake manifold flap valve, Valve for oil pressure control, Piston cooling jet control valve

- J623 Engine/motor control unit
- N249 Turbocharger air recirculation valve
- N290 Fuel metering valve
- N316 Intake manifold flap valve
- N428 Valve for oil pressure control
- N522 Piston cooling jet control valve
- T2hs 2-pin connector, black
- T2ix 2-pin connector, black
- T2iy 2-pin connector, black
- T2iz 2-pin connector, black
- T2ja 2-pin connector, black
- T14 14-pin connector, in engine compartment, grey
- T91 91-pin connector, black
- T105 105-pin connector, black

D196 Connection 2 (87a) in engine prewiring harness

- * According to equipment
- *2 Gradually discontinued
- *3 see applicable current flow diagram for battery in engine compartment
- *4 gradual introduction

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Engine/motor control unit, Activated charcoal filter solenoid valve 1, Coolant shut-off valve, Secondary air inlet valve, Camshaft control valve 1, Exhaust camshaft control valve 1, Coolant valve for gearbox

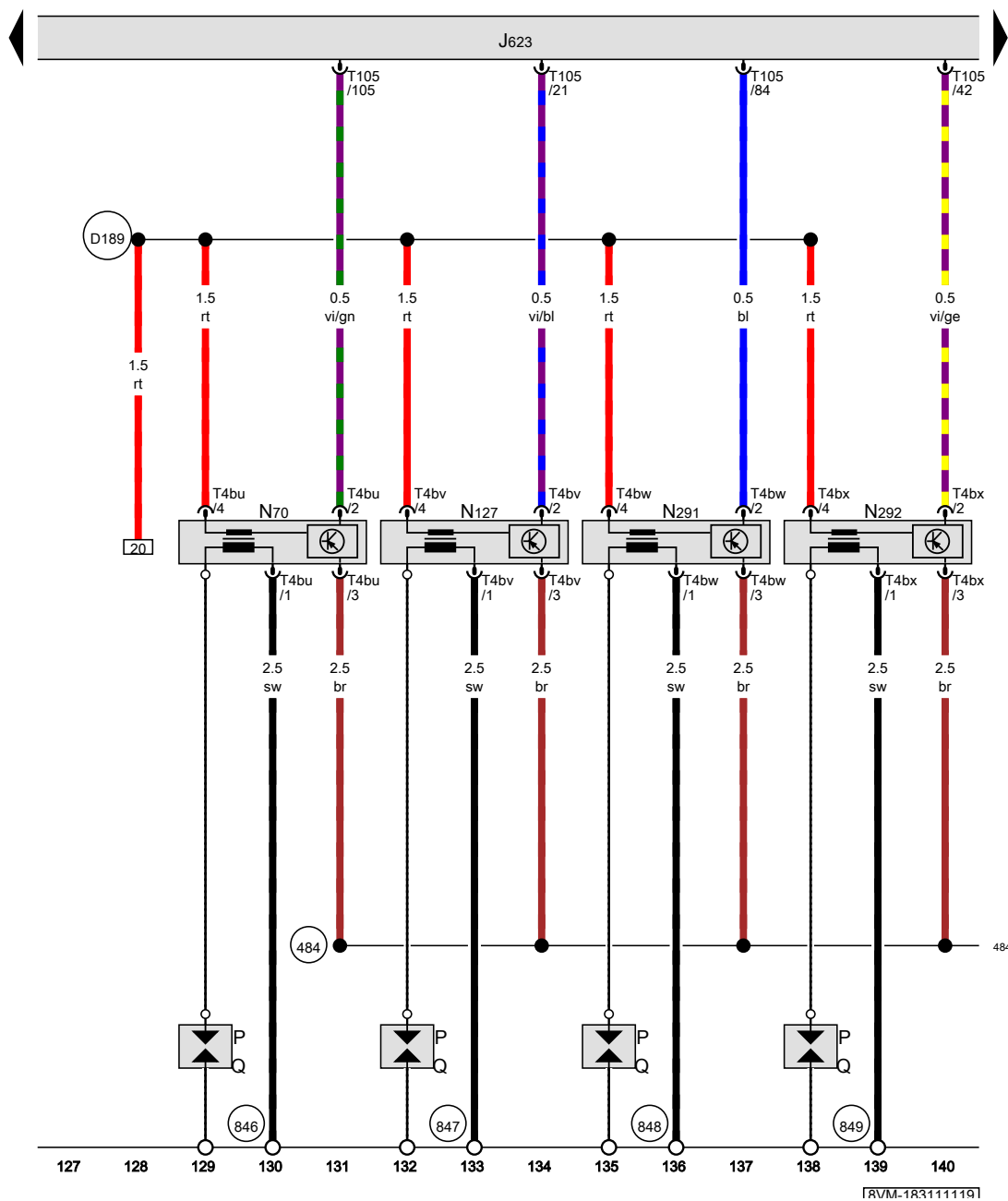
- J623 Engine/motor control unit
- N80 Activated charcoal filter solenoid valve 1
- N82 Coolant shut-off valve
- N112 Secondary air inlet valve
- N205 Camshaft control valve 1
- N318 Exhaust camshaft control valve 1
- N488 Coolant valve for gearbox
- T2hq 2-pin connector, black
- T2hr 2-pin connector, black
- T2ht 2-pin connector, black
- T2hu 2-pin connector, black
- T2hv 2-pin connector, black
- T2jk 2-pin connector, black
- T10p 10-pin connector
- T14 14-pin connector, in engine compartment, grey
- T105 105-pin connector, black

D181 Connection 2 (87a), in engine compartment wiring harness

D205 Connection 3 (87a) in engine prewiring harness

- * Wiring colour depends on equipment
- *2 Different wire colour possible

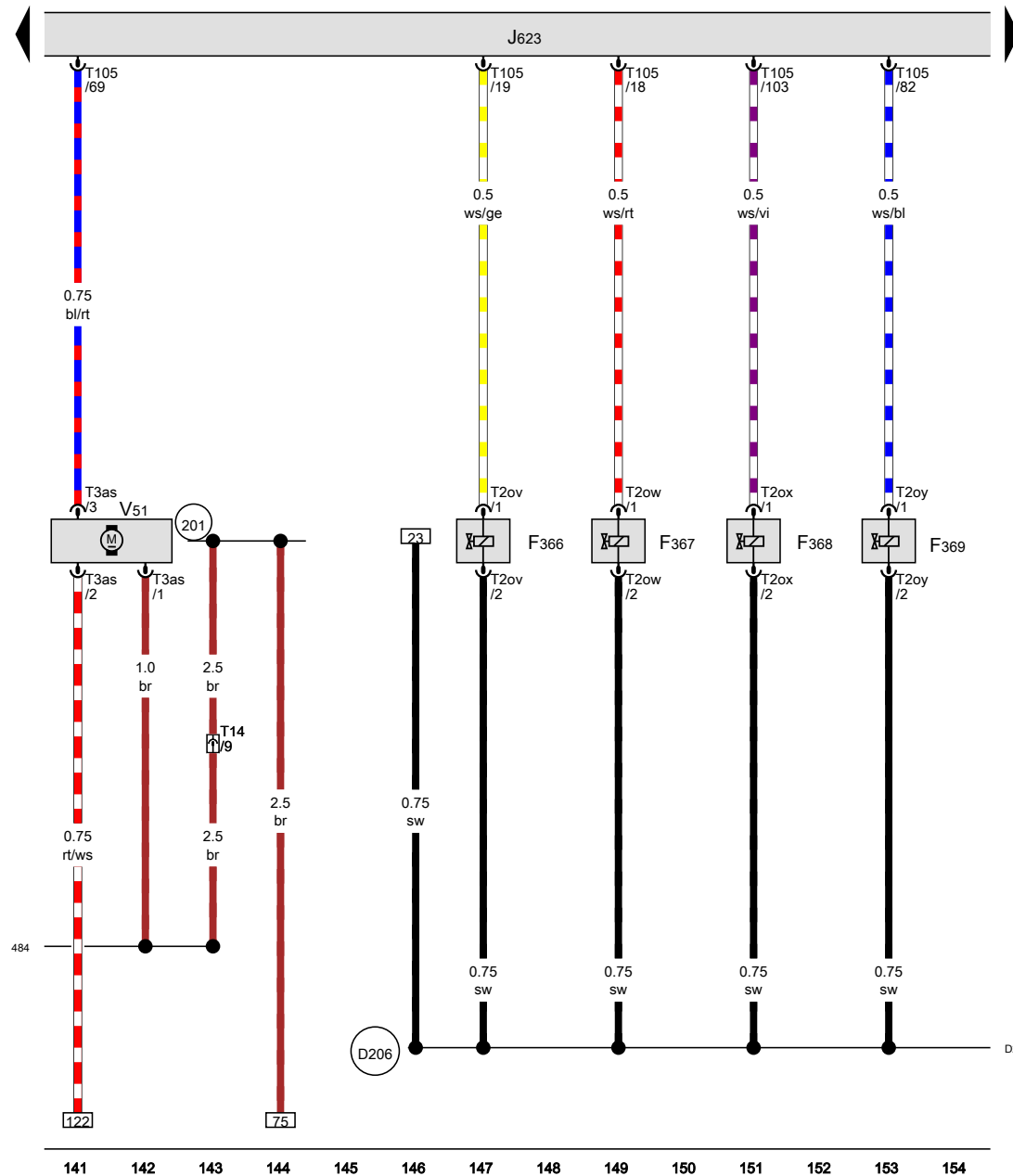
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- gr = grey
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Engine/motor control unit, Ignition coil 1 with output stage, Ignition coil 2 with output stage, Ignition coil 3 with output stage, Ignition coil 4 with output stage

J623 Engine/motor control unit
 N70 Ignition coil 1 with output stage
 N127 Ignition coil 2 with output stage
 N291 Ignition coil 3 with output stage
 N292 Ignition coil 4 with output stage
 P Spark plug connector
 Q Spark plugs
 T4bu 4-pin connector, black
 T4bv 4-pin connector, black
 T4bw 4-pin connector, black
 T4bx 4-pin connector, black
 T105 105-pin connector, black

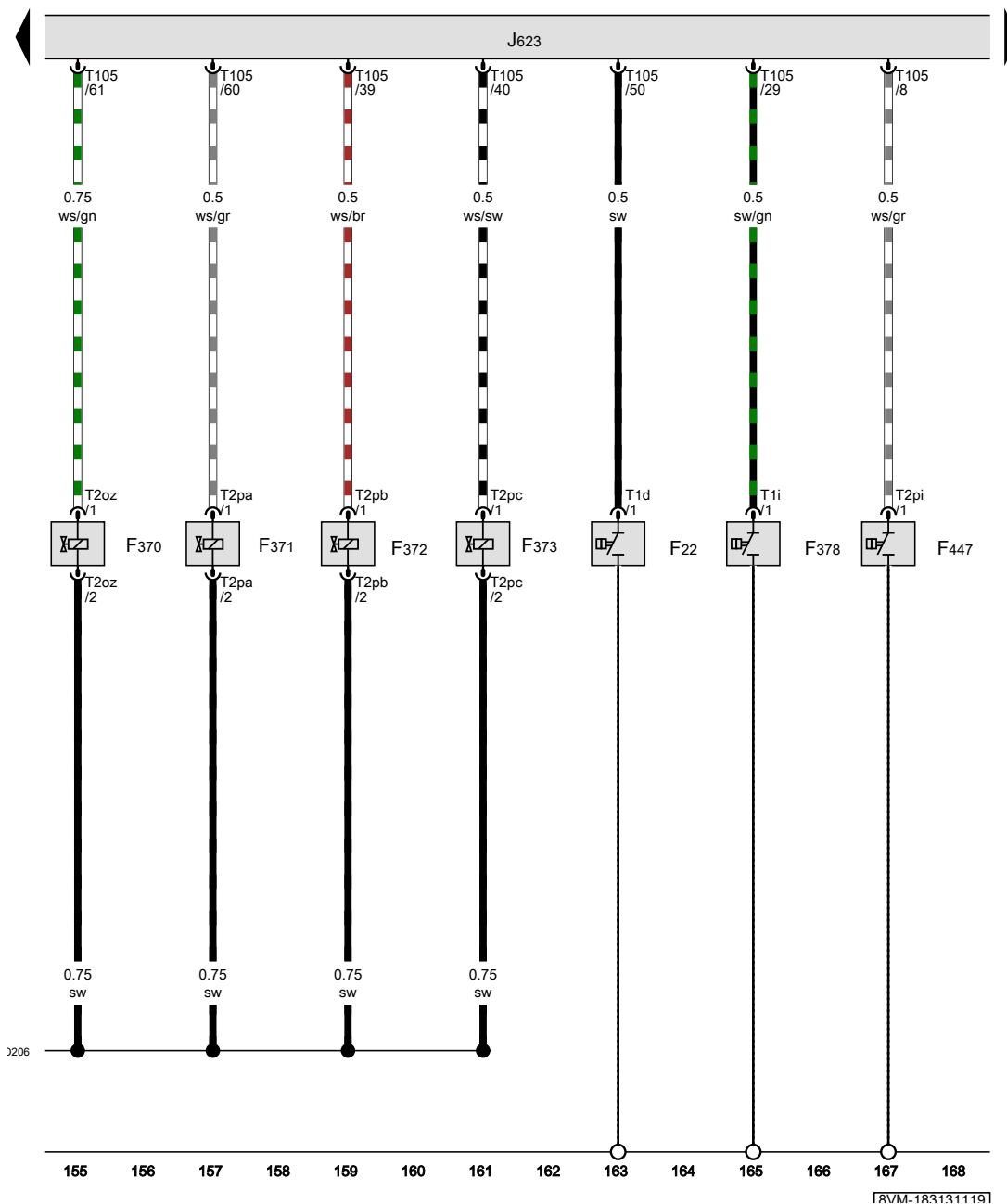
484 Earth connection 2 (ignition coils), in engine prewiring harness
 846 Earth point on ignition coil 1
 847 Earth point on ignition coil 2
 848 Earth point on ignition coil 3
 849 Earth point on ignition coil 4
 D189 Connection (87a) in engine prewiring harness



Cam adjustment actuator 1, Cam adjustment actuator 2, Cam adjustment actuator 3, Cam adjustment actuator 4, Engine/motor control unit, Continued coolant circulation pump

- F366 Cam adjustment actuator 1
- F367 Cam adjustment actuator 2
- F368 Cam adjustment actuator 3
- F369 Cam adjustment actuator 4
- J623 Engine/motor control unit
- T2ov 2-pin connector, black
- T2ow 2-pin connector, black
- T2ox 2-pin connector, black
- T2oy 2-pin connector, black
- T3as 3-pin connector, black
- T14 14-pin connector, in engine compartment, grey
- T105 105-pin connector, black
- V51 Continued coolant circulation pump
- 201 Earth connection 5, in engine compartment wiring harness
- 484 Earth connection 2 (ignition coils), in engine prewiring harness
- D206 Connection 4 (87a) in engine prewiring harness

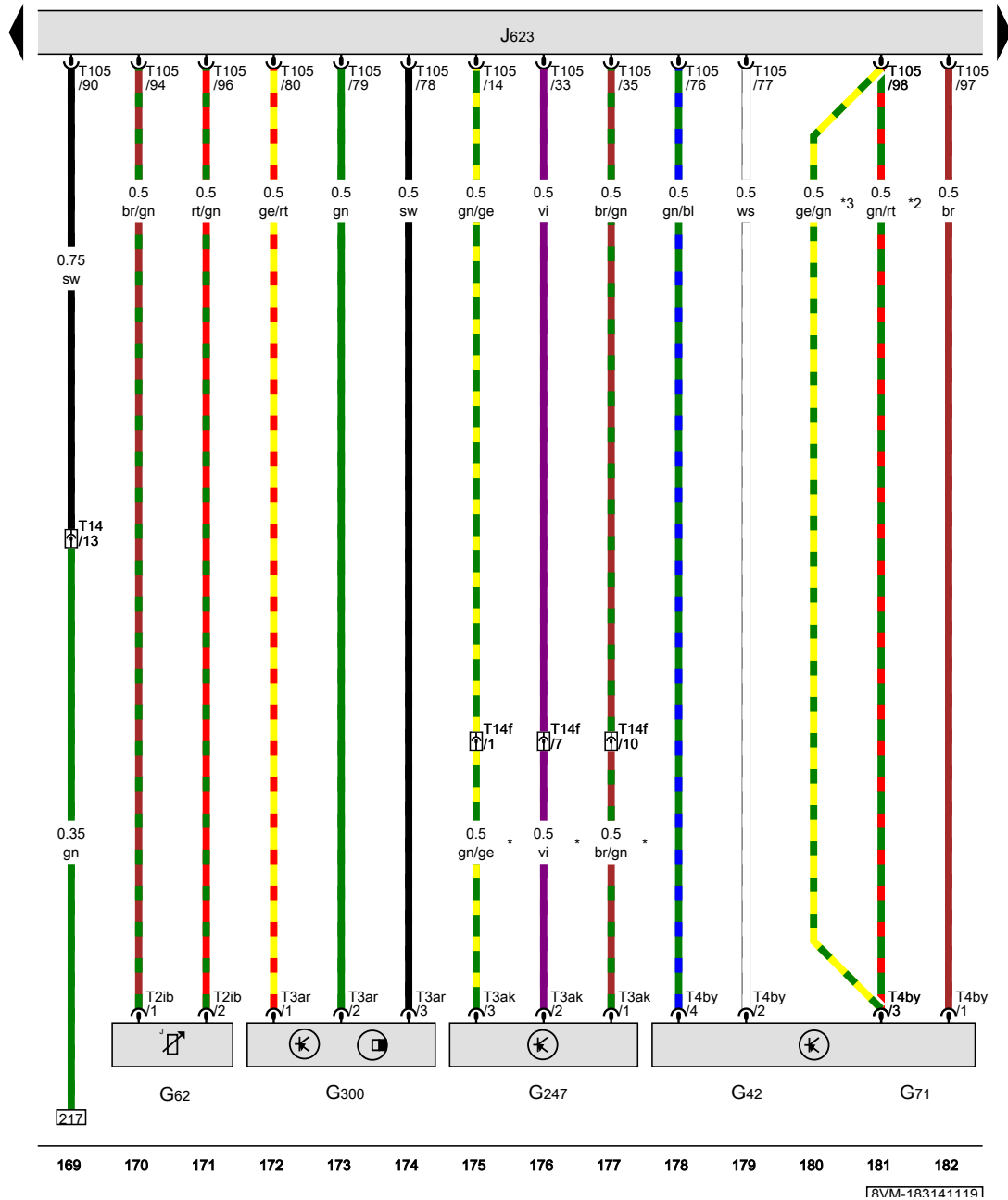
ws = white
sw = black
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Oil pressure switch, Cam adjustment actuator 5, Cam adjustment actuator 6, Cam adjustment actuator 7, Cam adjustment actuator 8, Oil pressure switch for reduced oil pressure, Engine/motor control unit

- F22 Oil pressure switch
- F370 Cam adjustment actuator 5
- F371 Cam adjustment actuator 6
- F372 Cam adjustment actuator 7
- F373 Cam adjustment actuator 8
- F378 Oil pressure switch for reduced oil pressure
- F447 Stage 3 oil pressure switch
- J623 Engine/motor control unit
- T1d 1-pin connector
- T1i 1-pin connector, black
- T2oz 2-pin connector, black
- T2pa 2-pin connector, black
- T2pb 2-pin connector, black
- T2pc 2-pin connector, black
- T2pi 2-pin connector, black
- T105 105-pin connector, black
- D206 Connection 4 (87a) in engine prewiring harness

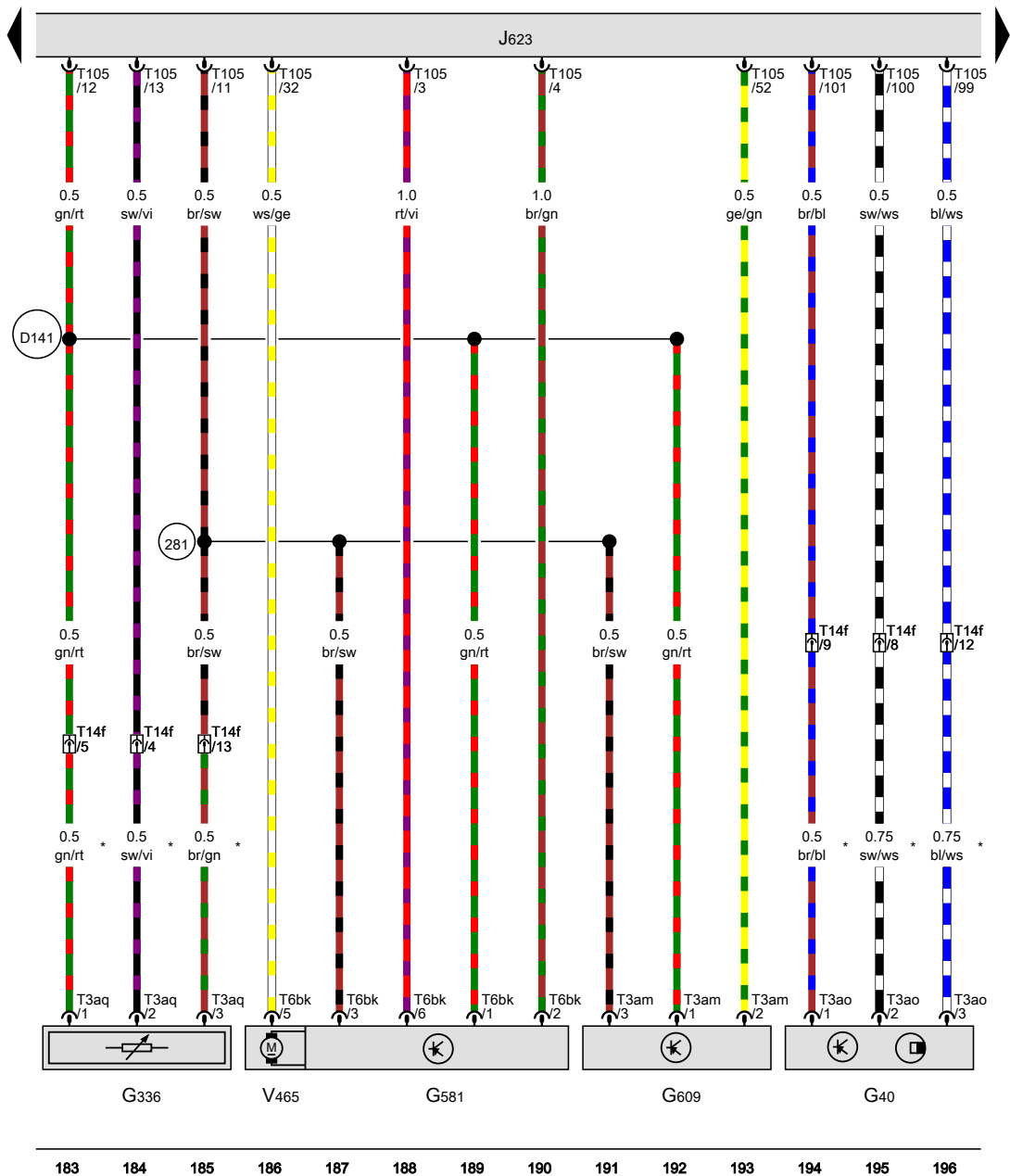
Intake air temperature sender, Coolant temperature sender, Intake manifold pressure sender, Fuel pressure sender, Hall sender 3, Engine/motor control unit



- G42 Intake air temperature sender
- G62 Coolant temperature sender
- G71 Intake manifold pressure sender
- G247 Fuel pressure sender
- G300 Hall sender 3
- J623 Engine/motor control unit
- T2ib 2-pin connector, black
- T3ak 3-pin connector, black
- T3ar 3-pin connector, black
- T4by 4-pin connector, black
- T14 14-pin connector, in engine compartment, grey
- T14f 14-pin connector, in engine compartment, black
- T105 105-pin connector, black
- * Wiring colour depends on equipment
- *2 Gradually discontinued
- *3 gradual introduction

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- vi = purple
- ge = yellow
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- rs = pink

Hall sender, Intake manifold flap potentiometer, Sender 1 for secondary air pressure, Engine/motor control unit, Charge pressure positioner



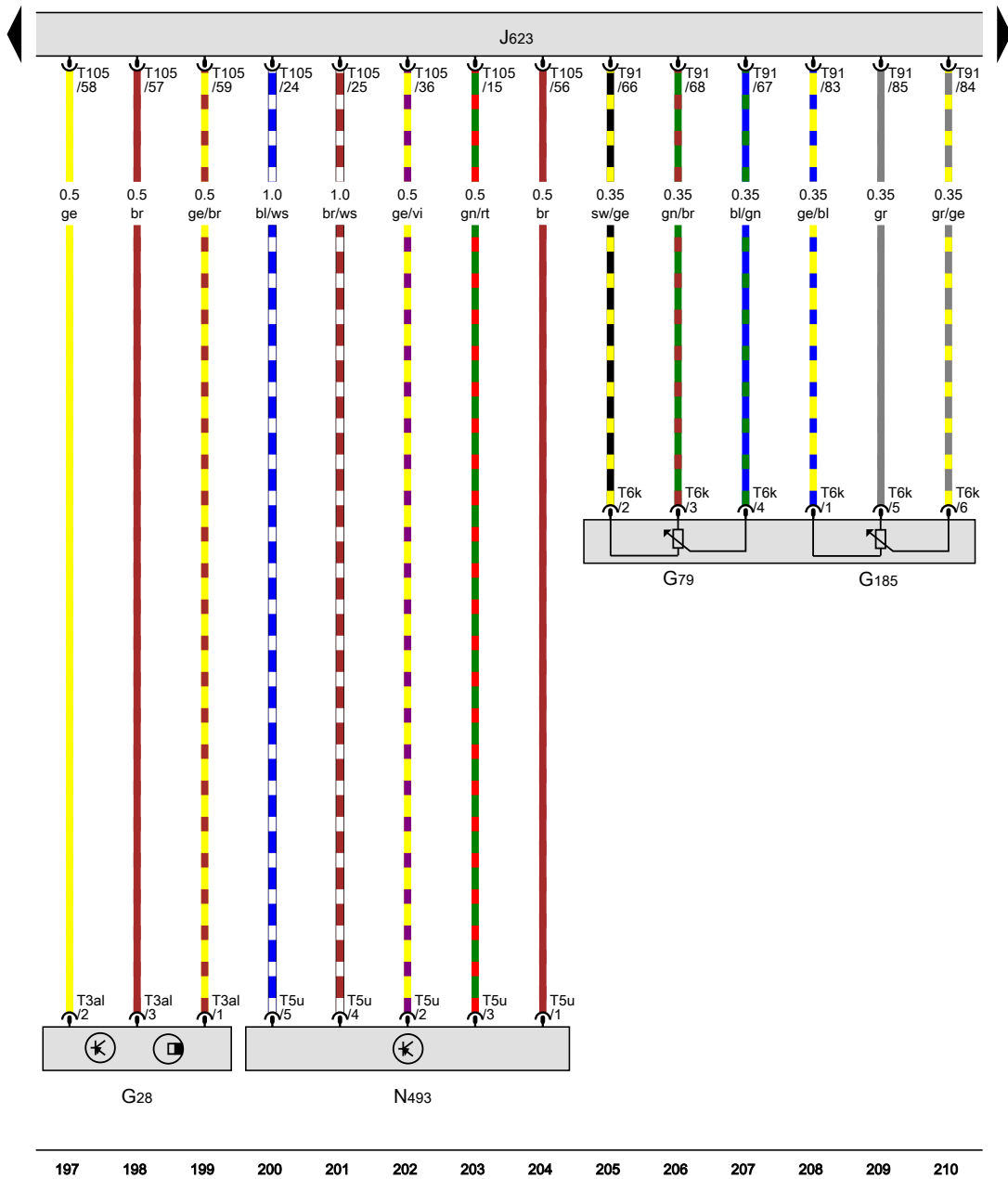
- G40 Hall sender
- G336 Intake manifold flap potentiometer
- G581 Position sender for charge pressure positioner
- G609 Sender 1 for secondary air pressure
- J623 Engine/motor control unit
- T3am 3-pin connector, black
- T3ao 3-pin connector, black
- T3aq 3-pin connector, black
- T6bk 6-pin connector, grey
- T14f 14-pin connector, in engine compartment, black
- T105 105-pin connector, black
- V465 Charge pressure positioner

281 Earth point 1, engine prewiring harness

D141 Connection (5V) in engine prewiring harness

* Wiring colour depends on equipment

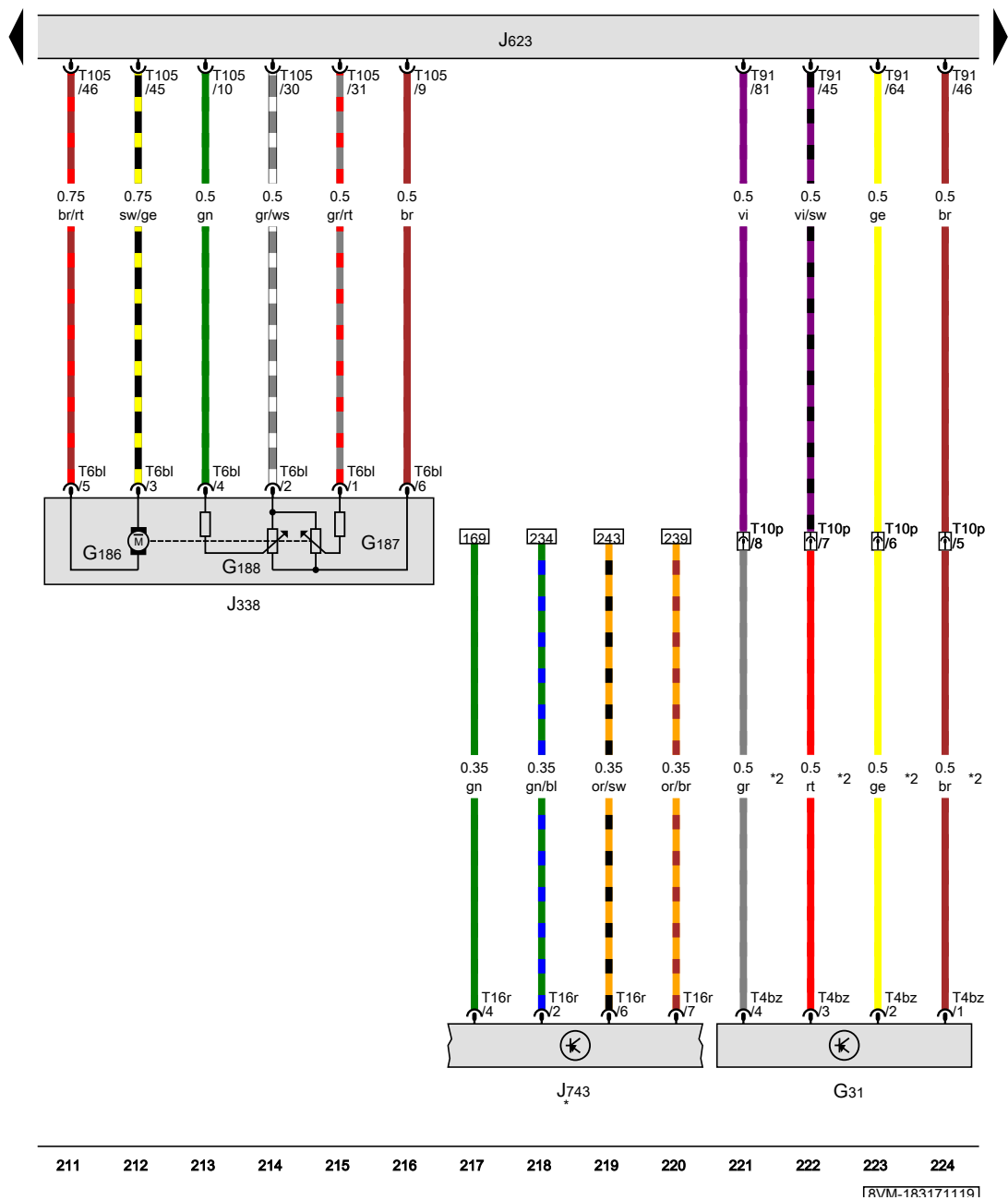
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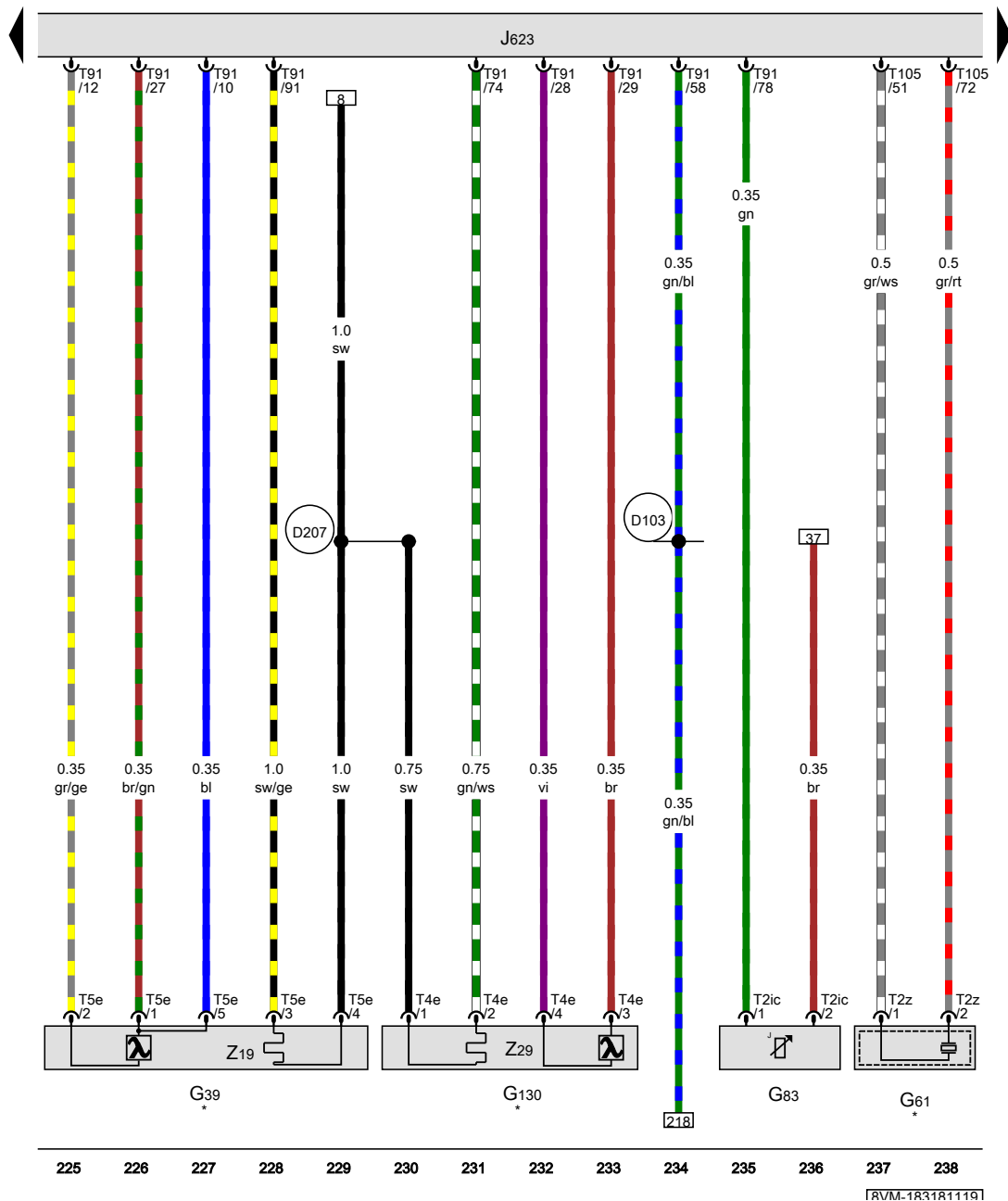
Engine speed sender, Accelerator position sender, Accelerator position sender 2, Engine/motor control unit, Actuator for engine temperature regulation

- G28 Engine speed sender
- G79 Accelerator position sender
- G185 Accelerator position sender 2
- J623 Engine/motor control unit
- N493 Actuator for engine temperature regulation
- T3al 3-pin connector, black
- T5u 5-pin connector, black
- T6k 6-pin connector, black
- T91 91-pin connector, black
- T105 105-pin connector, black

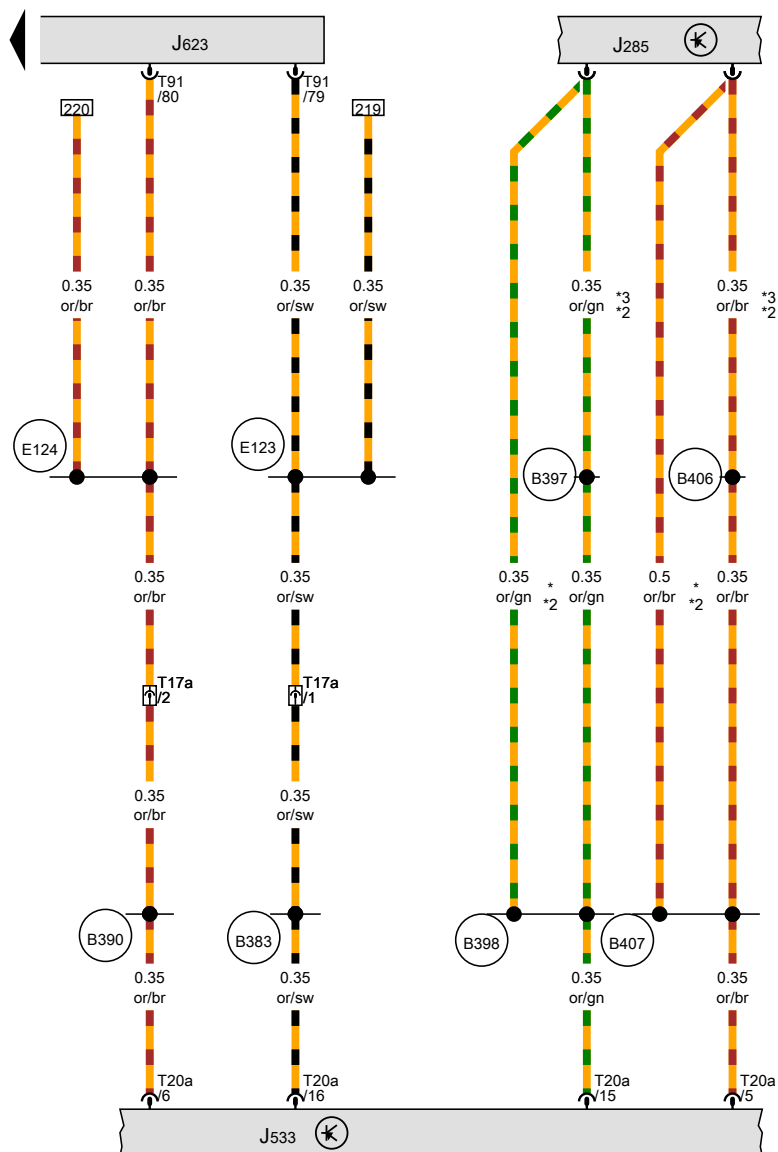
Charge pressure sender, Throttle valve module, Engine/
motor control unit, Mechatronic unit for dual clutch gearbox



Lambda probe, Knock sensor 1, Radiator outlet coolant temperature sender, Lambda probe after catalytic converter, Engine/motor control unit



- G39 Lambda probe
- G61 Knock sensor 1
- G83 Radiator outlet coolant temperature sender
- G130 Lambda probe after catalytic converter
- J623 Engine/motor control unit
- T2ic 2-pin connector, black
- T2z 2-pin connector, black
- T4e 4-pin connector, black
- T5e 5-pin connector
- T91 91-pin connector, black
- T105 105-pin connector, black
- Z19 Lambda probe heater
- Z29 Lambda probe 1 heater after catalytic converter
- D103 Connection 3 in engine compartment wiring harness
- D207 Connection 7 (87a), in engine compartment wiring harness
- * Pre-wired component

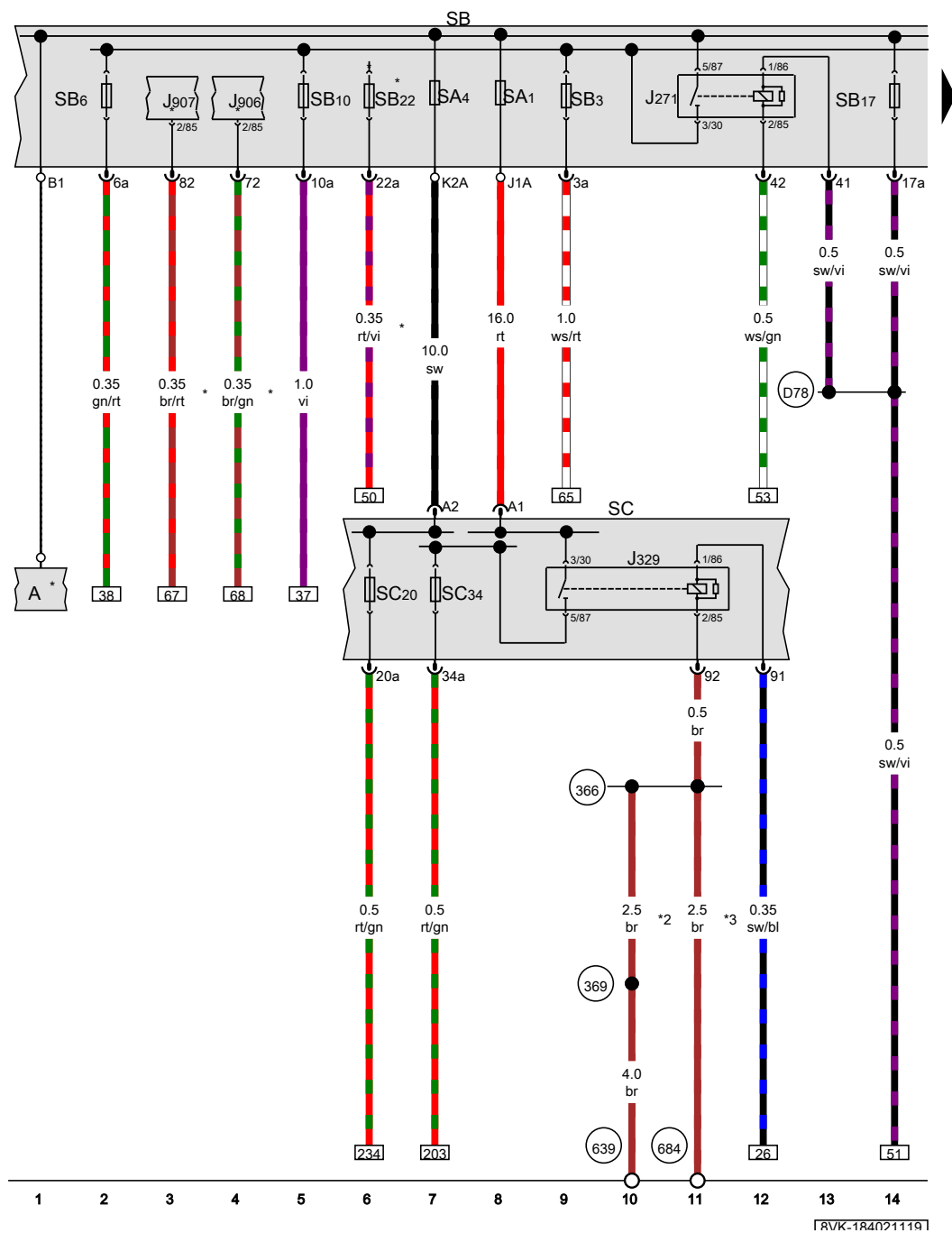


Control unit in dash panel insert, Data bus diagnostic interface, Engine/motor control unit

- J285 Control unit in dash panel insert
- J533 Data bus diagnostic interface
- J623 Engine/motor control unit
- T17a 17-pin connector, on lower section of left A-pillar, black
- T20a 20-pin connector, red
- T91 91-pin connector, black
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness
- E123 Connection 1 (powertrain CAN bus, high), in engine wiring harness
- E124 Connection 1 (powertrain CAN bus, low), in engine wiring harness
- * For right-hand drive models
- *2 see applicable current flow diagram for dash panel insert
- *3 For left-hand drive models

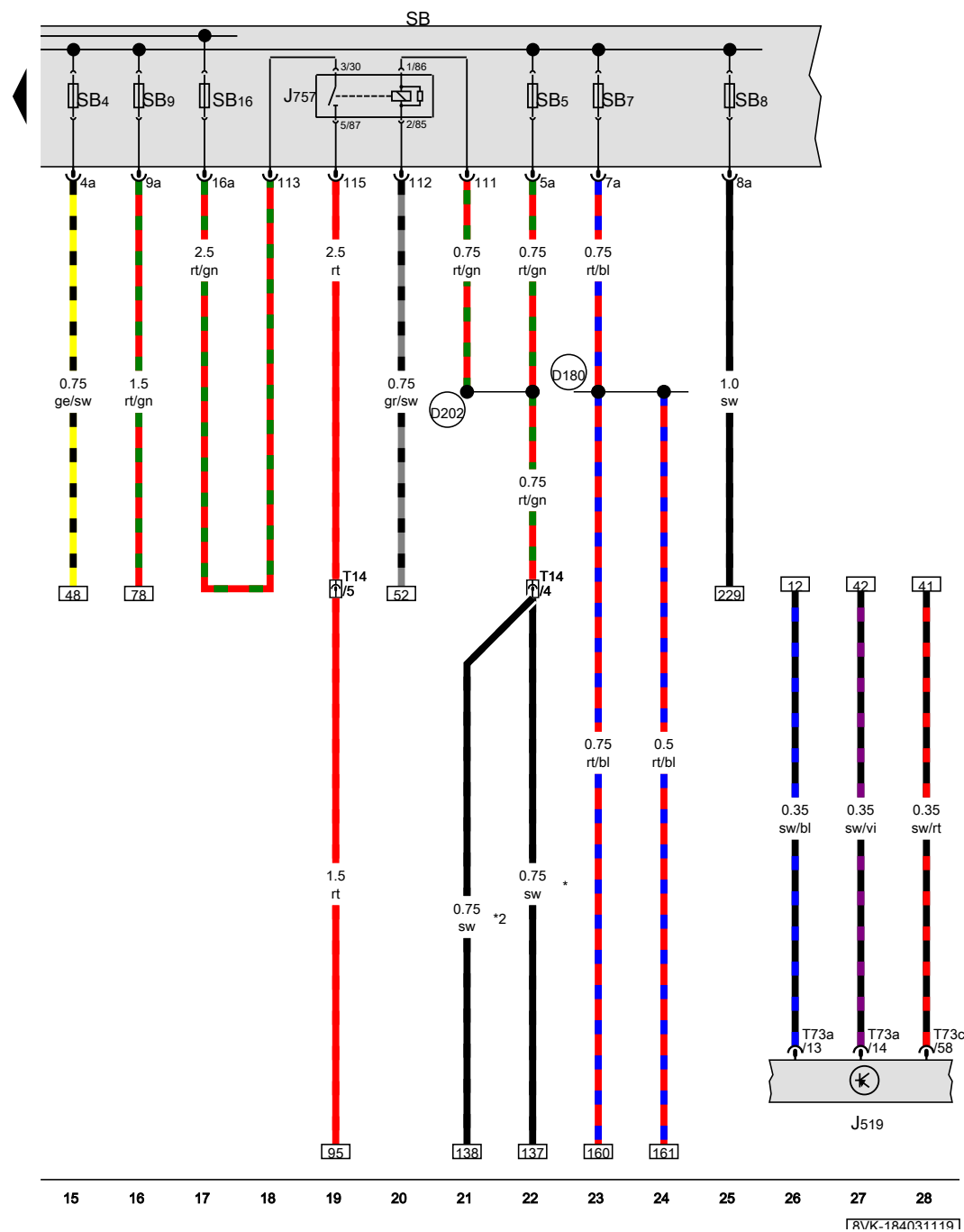
2.0l petrol engine , DJHA,DJHB,DJJA

From May 2016



Main relay, Terminal 15 voltage supply relay, Fuse holder B, Fuse holder C

- A Battery
- J271 Main relay
- J329 Terminal 15 voltage supply relay
- J906 Starter relay 1
- J907 Starter relay 2
- SA1 Fuse 1 on fuse holder A
- SA4 Fuse 4 on fuse holder A
- SB Fuse holder B
- SB3 Fuse 3 on fuse holder B
- SB6 Fuse 6 on fuse holder B
- SB10 Fuse 10 on fuse holder B
- SB17 Fuse 17 on fuse holder B
- SC Fuse holder C
- SC20 Fuse 20 on fuse holder C
- SB22 Fuse 22 on fuse holder B
- SC34 Fuse 34 on fuse holder C
- 366 Earth connection 1, in main wiring harness
- 369 Earth connection 4, in main wiring harness
- 639 Earth point, left A-pillar
- 684 Earth point on front of left side member
- D78 Positive connection 1 (30a), in engine compartment wiring harness
- * see applicable current flow diagram for battery in engine compartment
- *2 For left-hand drive models
- *3 For right-hand drive models



Onboard supply control unit, Engine component current supply relay, Fuse holder B

- J519 Onboard supply control unit
- J757 Engine component current supply relay
- SB Fuse holder B
- SB4 Fuse 4 on fuse holder B
- SB5 Fuse 5 on fuse holder B
- SB7 Fuse 7 on fuse holder B
- SB8 Fuse 8 on fuse holder B
- SB9 Fuse 9 on fuse holder B
- SB16 Fuse 16 on fuse holder B
- T14 14-pin connector, grey
- T73a 73-pin connector, black
- T73c 73-pin connector, black

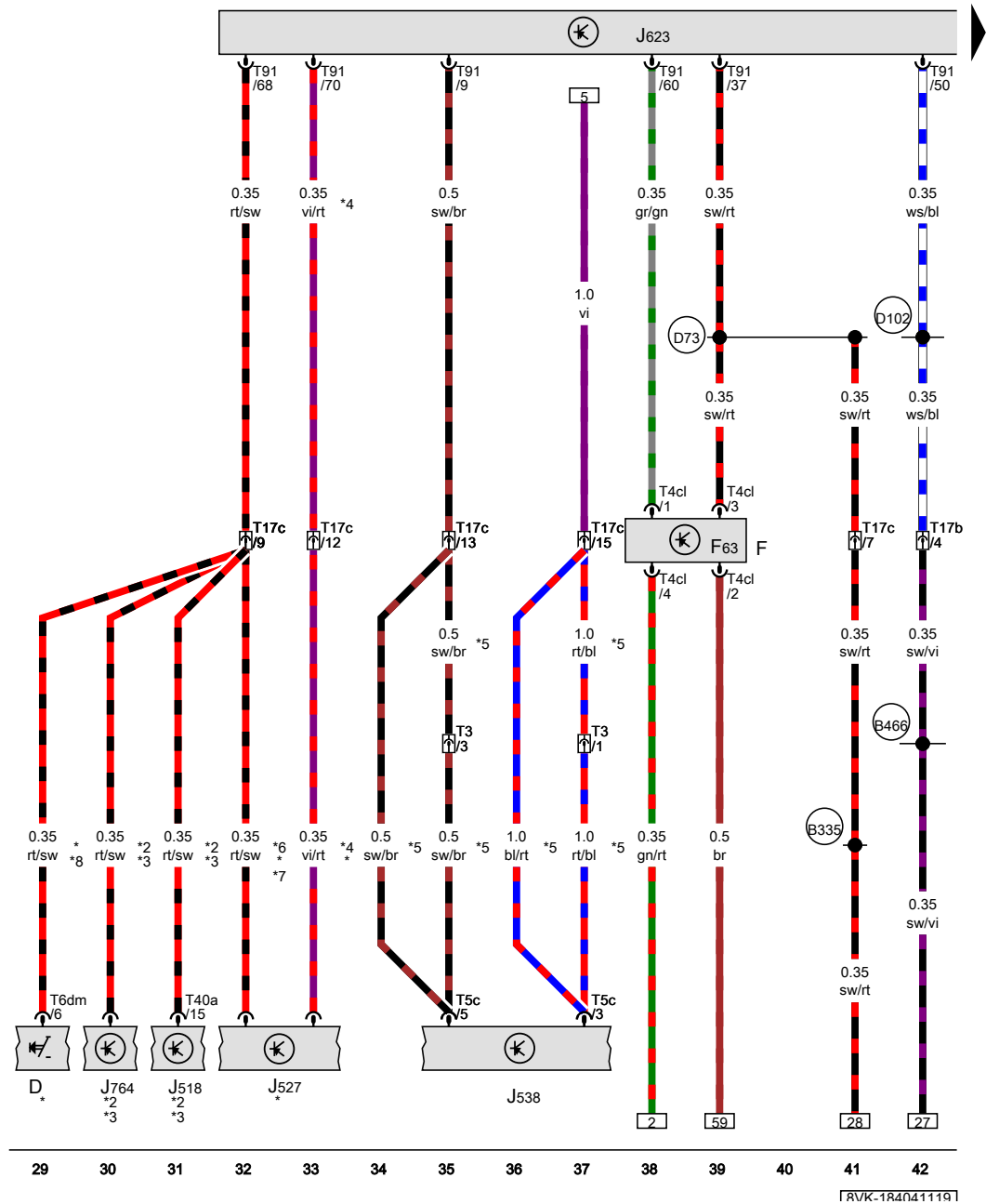
D180 Connection (87a), in engine compartment wiring harness

D202 Connection 6 (87a), in engine compartment wiring harness

* For models with no US equipment

*2 For models with US equipment

Brake light switch, Brake pedal switch, Entry and start authorisation control unit, Steering column electronics control unit, Fuel pump control unit, Engine/motor control unit, Control unit for electronic steering column lock



- D Ignition/starter switch
- F Brake light switch
- F63 Brake pedal switch
- J518 Entry and start authorisation control unit
- J527 Steering column electronics control unit
- J538 Fuel pump control unit
- J623 Engine/motor control unit
- J764 Control unit for electronic steering column lock
- T3 3-pin connector, black
- T4cl 4-pin connector, black
- T5c 5-pin connector, black
- T6dm 6-pin connector, black
- T17b 17-pin connector, on lower section of left A-pillar, brown
- T17c 17-pin connector, on lower section of left A-pillar, red
- T40a 40-pin connector, black
- T91 91-pin connector, black
- B335 Connection 1 (54), in main wiring harness
- B466 Connection 2, in main wiring harness
- D73 Positive connection (54), in engine compartment wiring harness
- D102 Connection 2 in engine compartment wiring harness
- * see applicable current flow diagram for steering column electronics
- *2 see applicable current flow diagram for entry and start authorisation
- *3 According to equipment
- *4 For models with cruise control system (CCS)
- *5 see applicable current flow diagram for fuel system
- *6 For models with no entry and start authorisation
- *7 Up to June 2018
- *8 From July 2018

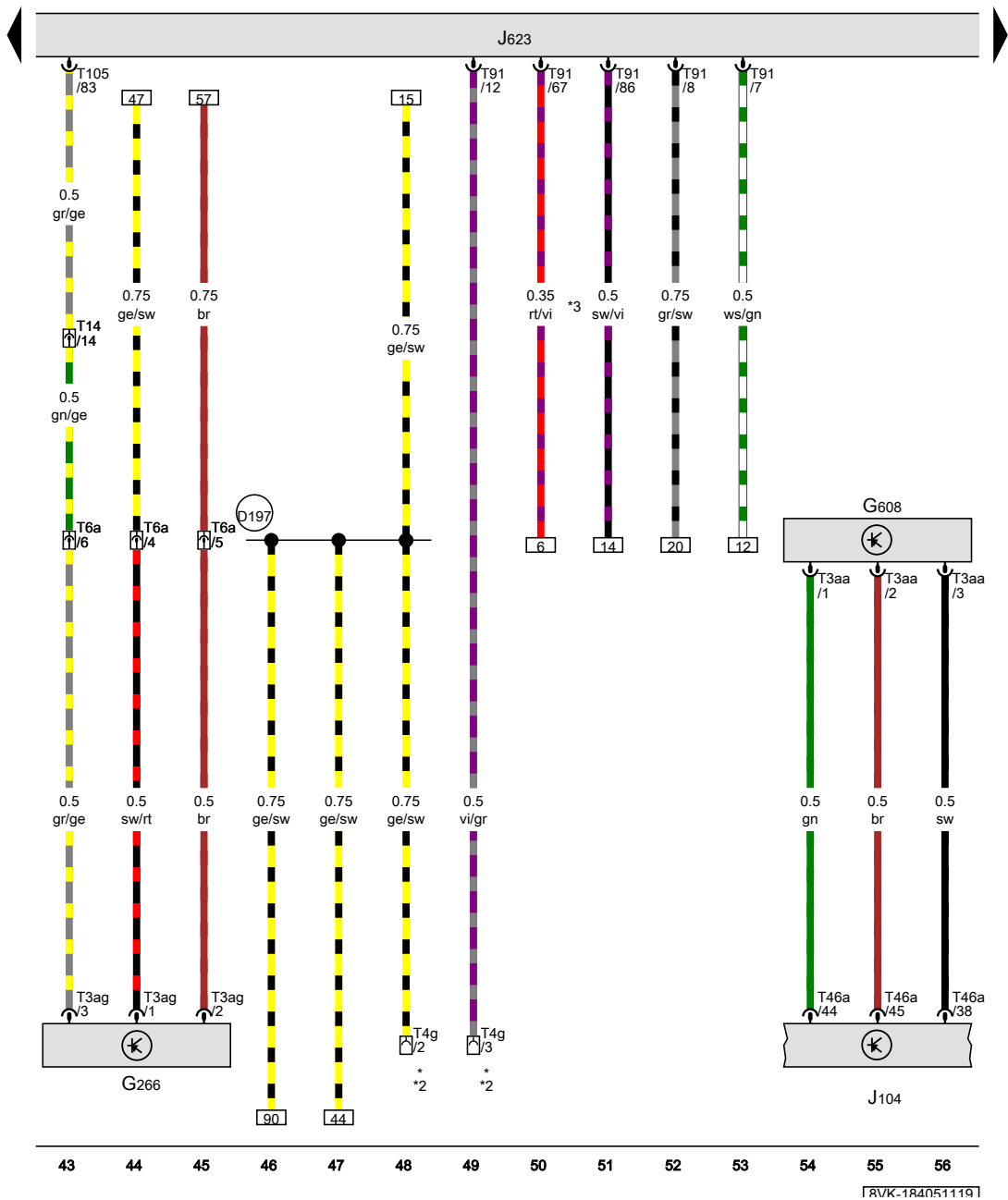
ws = white
 sw = black
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Oil level and oil temperature sender, Vacuum sender, Engine/motor control unit

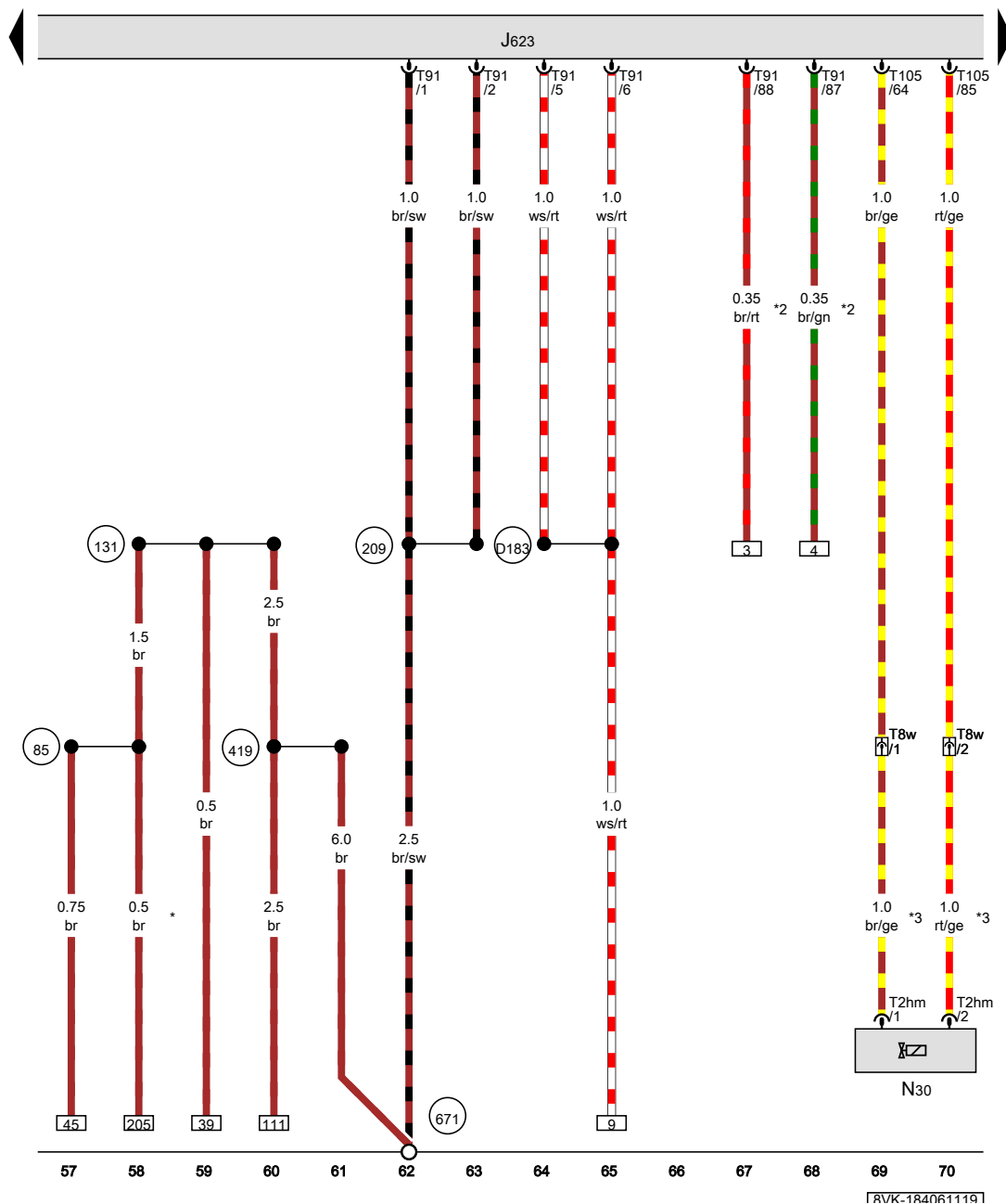
- G266 Oil level and oil temperature sender
- G608 Vacuum sender
- J104 ABS control unit
- J623 Engine/motor control unit
- T3aa 3-pin connector, black
- T3ag 3-pin connector, black
- T4g 4-pin connector, black
- T6a 6-pin connector, black
- T14 14-pin connector, grey
- T46a 46-pin connector, black
- T91 91-pin connector, black
- T105 105-pin connector, black

D197 Connection 5 (87a), in engine compartment wiring harness

- * Radiator fan connection
- *2 see applicable current flow diagram for radiator fan
- *3 see applicable current flow diagram for battery in engine compartment



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Engine/motor control unit, Injector, cylinder 1

J623 Engine/motor control unit

N30 Injector, cylinder 1

T2hm 2-pin connector, black

T8w 8-pin connector, black

T91 91-pin connector, black

T105 105-pin connector, black

85 Earth connection 1, in engine compartment wiring harness

131 Earth connection 2, in engine compartment wiring harness

209 Earth connection 6, in engine compartment wiring harness

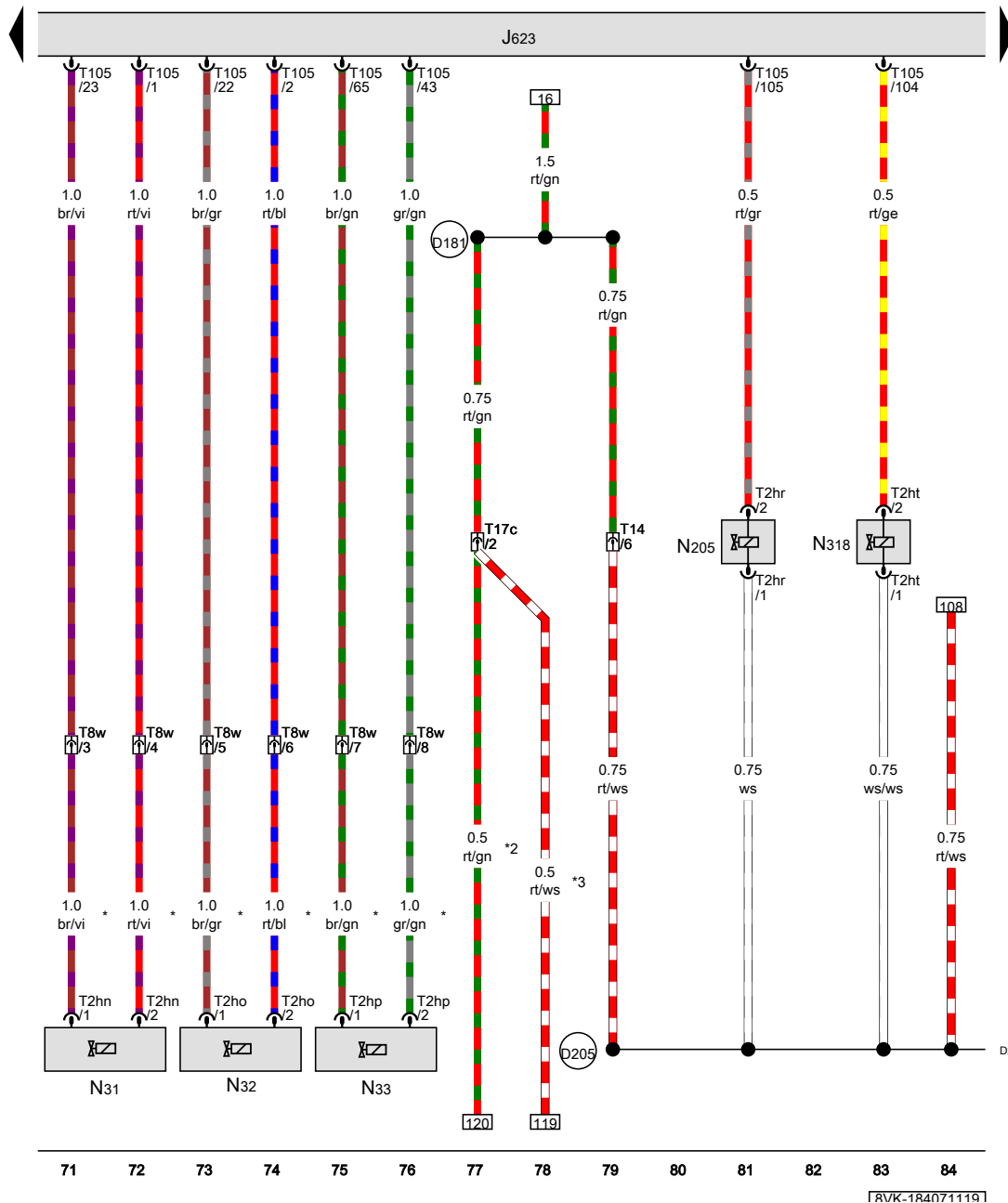
419 Earth connection 11, in engine compartment wiring harness

671 Earth point 1, on front of left longitudinal member

D183 Connection 4 (87a), in engine compartment wiring harness

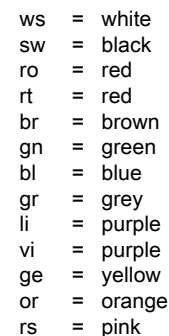
- * For right-hand drive models
- *2 see applicable current flow diagram for battery in engine compartment
- *3 Wiring colour depends on equipment

Engine/motor control unit, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4, Camshaft control valve 1, Exhaust camshaft control valve 1

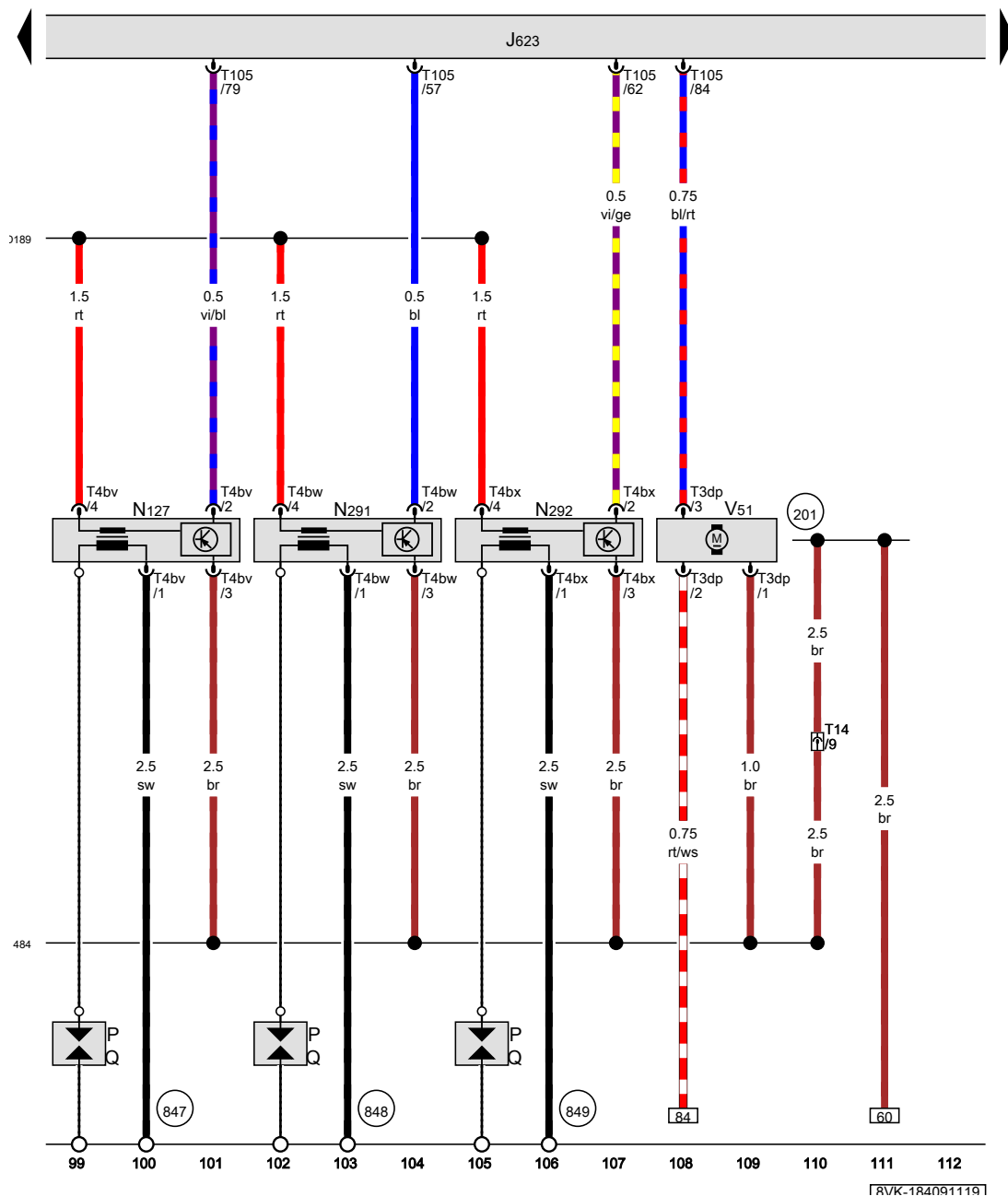


- J623 Engine/motor control unit
- N31 Injector, cylinder 2
- N32 Injector, cylinder 3
- N33 Injector, cylinder 4
- N205 Camshaft control valve 1
- N318 Exhaust camshaft control valve 1
- T2hn 2-pin connector, black
- T2ho 2-pin connector, black
- T2hp 2-pin connector, black
- T2ht 2-pin connector, black
- T8w 8-pin connector, black
- T14 14-pin connector, grey
- T17c 17-pin connector, on lower section of left A-pillar, red
- T105 105-pin connector, black
- D181 Connection 2 (87a), in engine compartment wiring harness
- D205 Connection 3 (87a) in engine prewiring harness
- * Wiring colour depends on equipment
- *2 Standard equipment
- *3 Optional equipment

ws = white
 sw = black
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 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
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 or = orange
 rs = pink



(D205) Connection 3 (87a) in engine prewiring harness

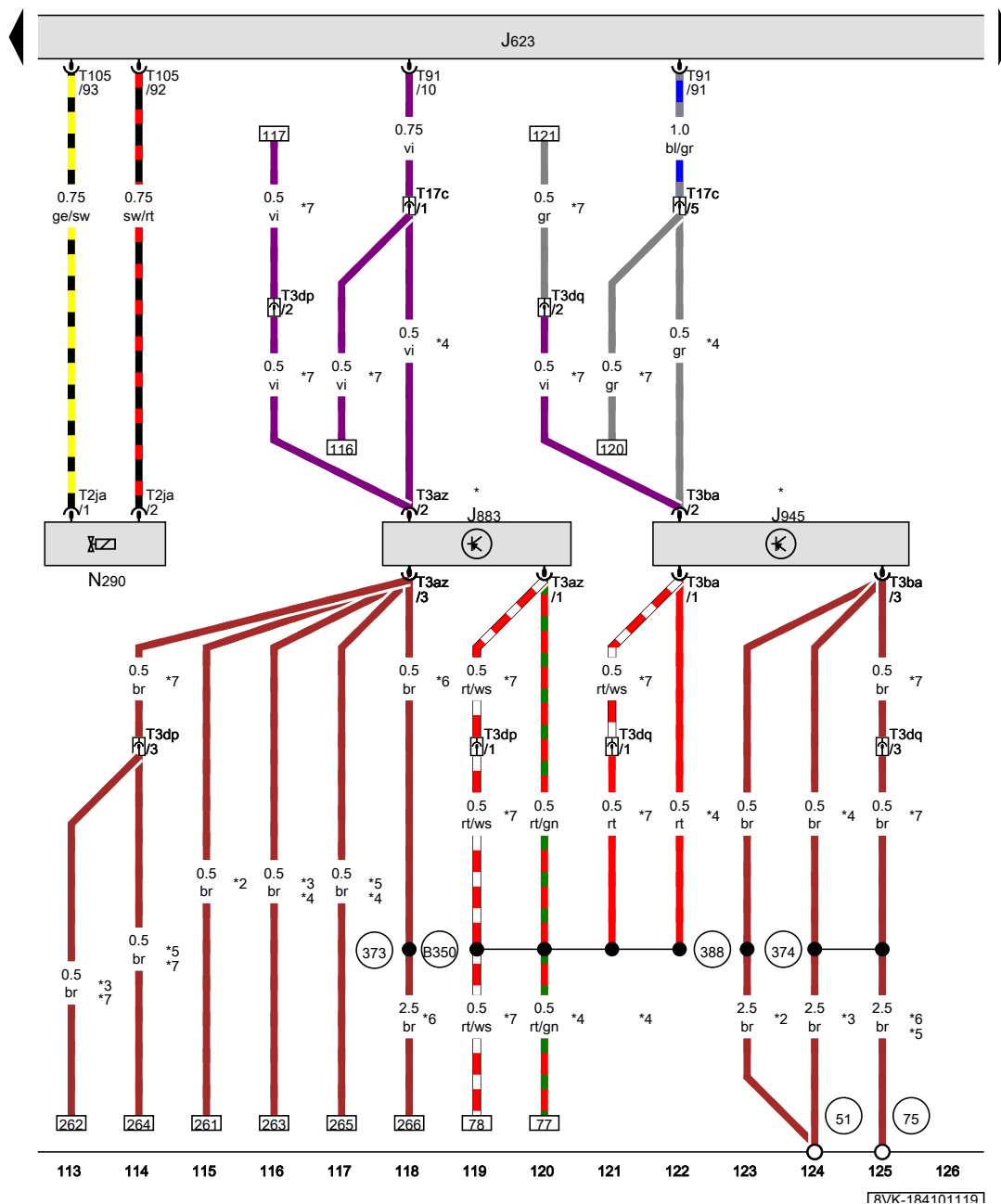


Engine/motor control unit, Ignition coil 2 with output stage, Ignition coil 3 with output stage, Ignition coil 4 with output stage, Continued coolant circulation pump

J623 Engine/motor control unit
 N127 Ignition coil 2 with output stage
 N291 Ignition coil 3 with output stage
 N292 Ignition coil 4 with output stage
 P Spark plug connector
 Q Spark plugs
 T3dp 3-pin connector, black
 T4bv 4-pin connector, black
 T4bw 4-pin connector, black
 T4bx 4-pin connector, black
 T14 14-pin connector, grey
 T105 105-pin connector, black
 V51 Continued coolant circulation pump

201 Earth connection 5, in engine compartment wiring harness
 484 Earth connection 2 (ignition coils), in engine prewiring harness
 847 Earth point on ignition coil 2
 848 Earth point on ignition coil 3
 849 Earth point on ignition coil 4
 D189 Connection (87a) in engine prewiring harness

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



Engine/motor control unit, Fuel metering valve

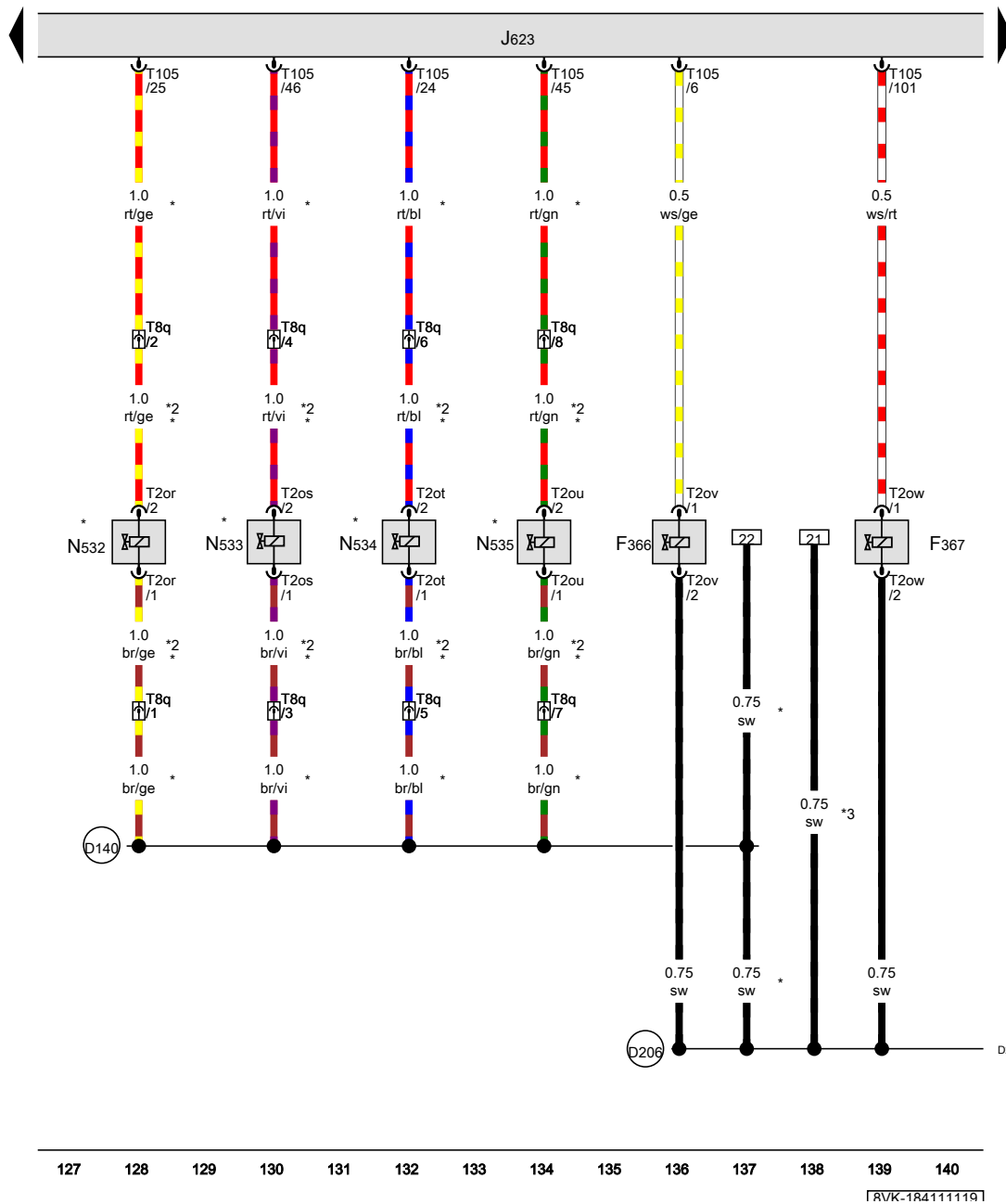
- J623 Engine/motor control unit
- J883 Exhaust flap control unit
- J945 Exhaust flap control unit 2
- N290 Fuel metering valve
- T2ja 2-pin connector, black
- T3az 3-pin connector, black
- T3ba 3-pin connector, black
- T3dp 3-pin connector
- T3dq 3-pin connector
- T17c 17-pin connector, on lower section of left A-pillar, red
- T91 91-pin connector, black
- T105 105-pin connector, black

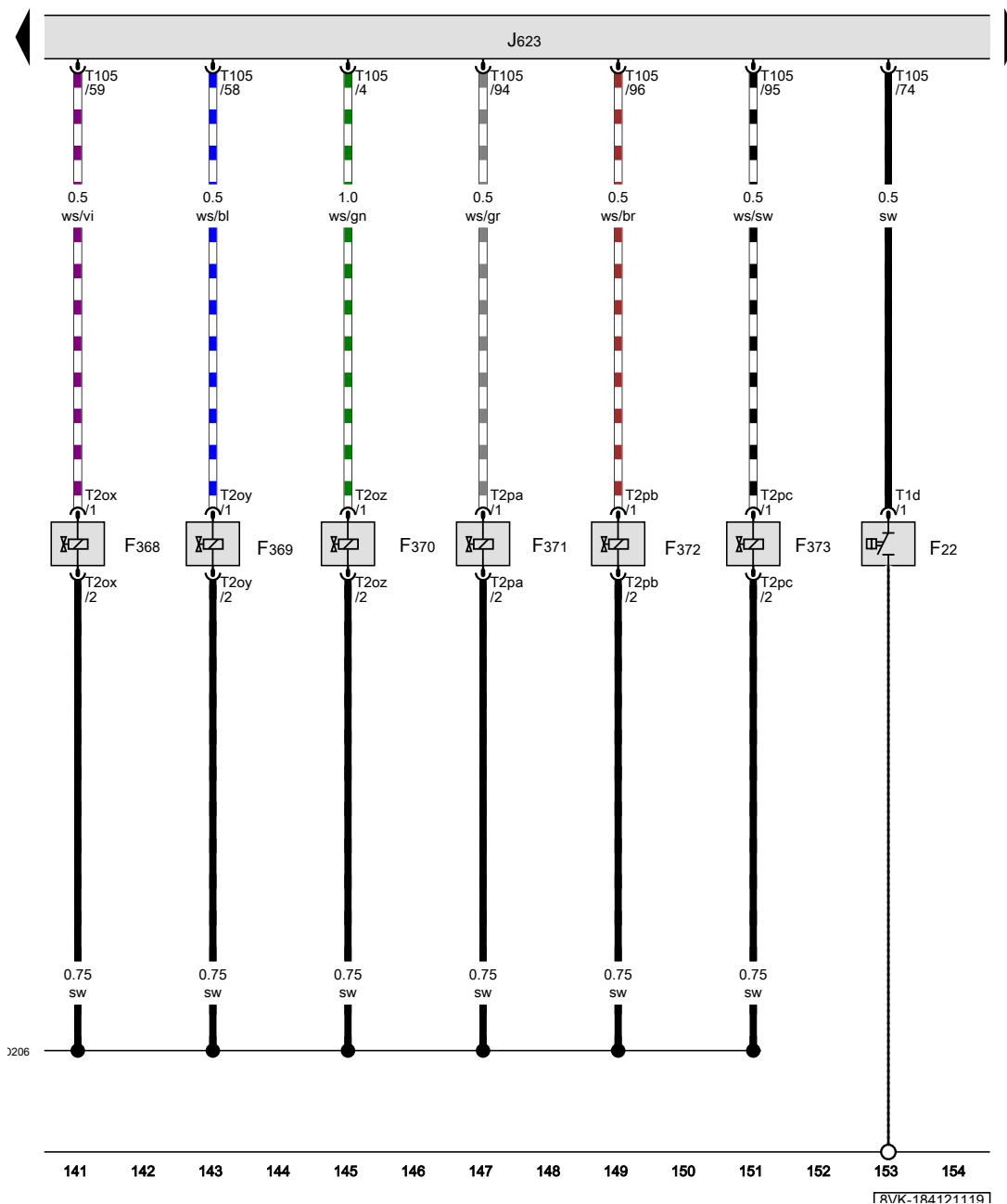
- 51 Earth point, on right in luggage compartment
- 75 Earth point, rear right pillar
- 373 Earth connection 8, in main wiring harness
- 374 Earth connection 9, in main wiring harness
- 388 Earth connection 23, in main wiring harness
- B350 Positive connection 1 (87a) in main wiring harness

- * According to equipment
- *2 For Cabriolet models
- *3 For models with 4 doors
- *4 Standard equipment
- *5 For models with 5 doors
- *6 For models with 3 doors
- *7 Optional equipment

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

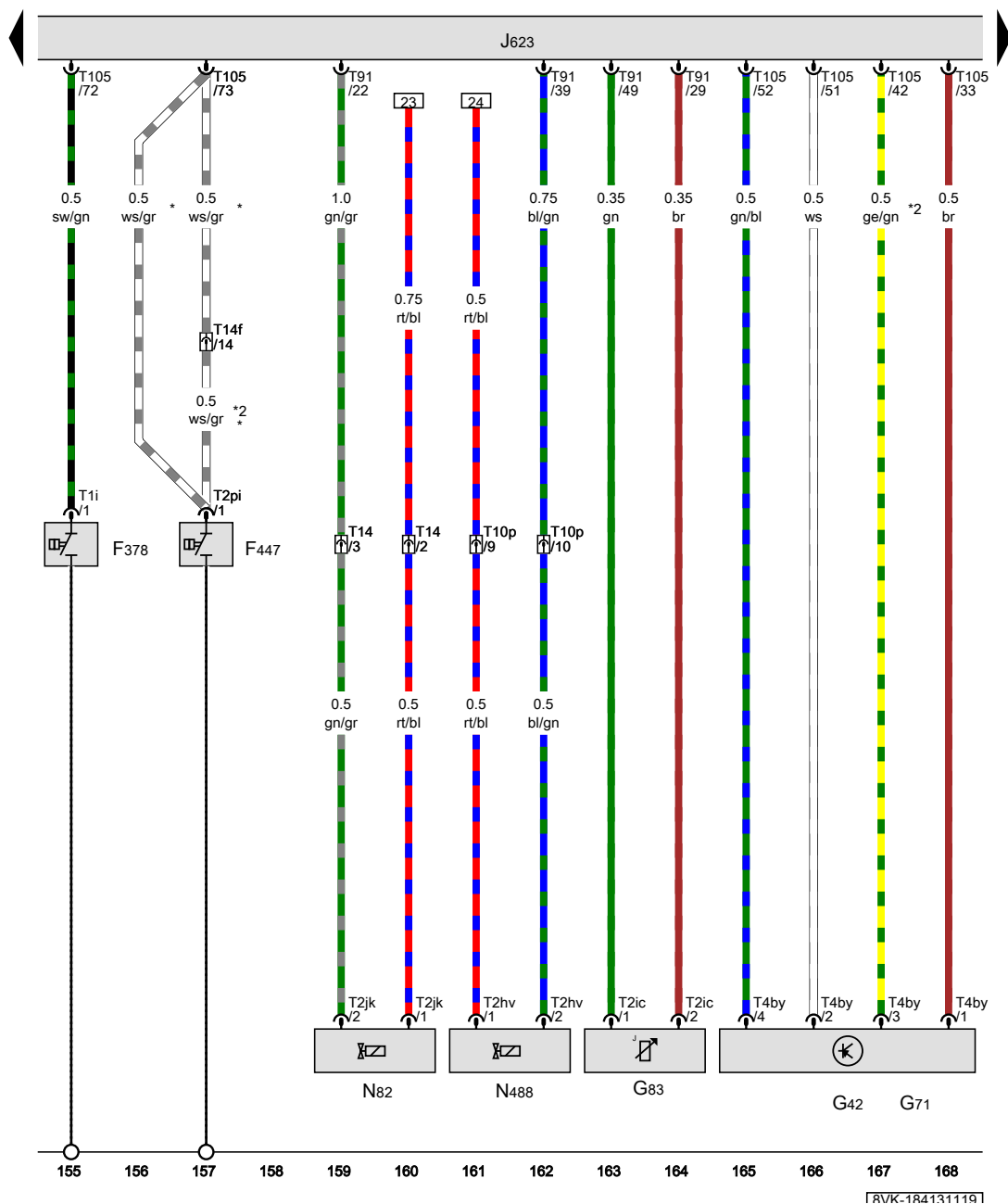
Cam adjustment actuator 1, Cam adjustment actuator 2, Engine/motor control unit, Injector 2, cylinder 1, Injector 2, cylinder 2, Injector 2, cylinder 3, Injector 2, cylinder 4





Oil pressure switch, Cam adjustment actuator 3, Cam adjustment actuator 4, Cam adjustment actuator 5, Cam adjustment actuator 6, Cam adjustment actuator 7, Cam adjustment actuator 8, Engine/motor control unit

- F22 Oil pressure switch
- F368 Cam adjustment actuator 3
- F369 Cam adjustment actuator 4
- F370 Cam adjustment actuator 5
- F371 Cam adjustment actuator 6
- F372 Cam adjustment actuator 7
- F373 Cam adjustment actuator 8
- J623 Engine/motor control unit
- T1d 1-pin connector
- T2ox 2-pin connector, black
- T2oy 2-pin connector, black
- T2oz 2-pin connector, black
- T2pa 2-pin connector, black
- T2pb 2-pin connector, black
- T2pc 2-pin connector, black
- T105 105-pin connector, black
- D206 Connection 4 (87a) in engine prewiring harness

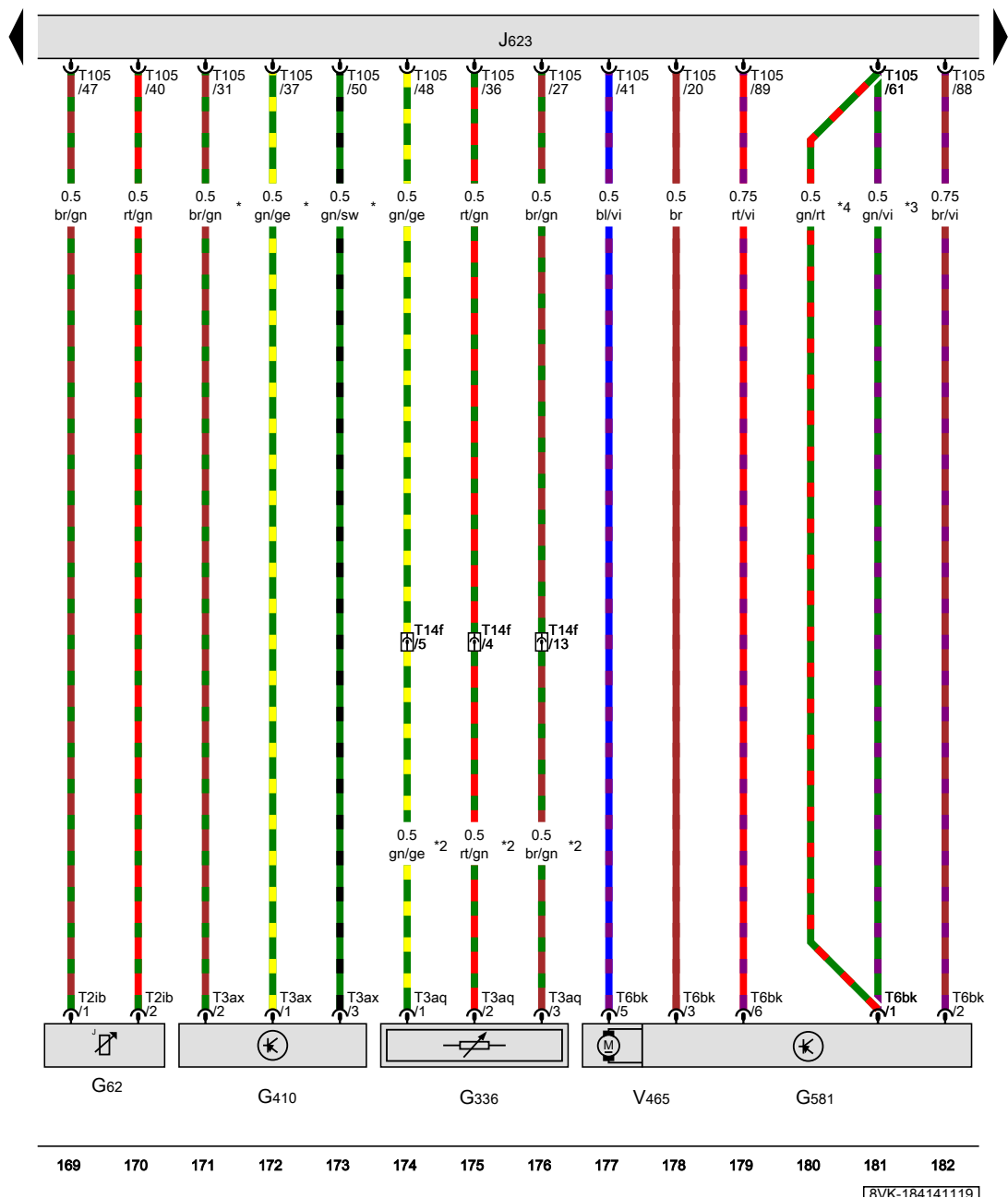


Oil pressure switch for reduced oil pressure, Intake air temperature sender, Intake manifold pressure sender, Radiator outlet coolant temperature sender, Engine/motor control unit, Coolant shut-off valve, Coolant valve for gearbox

- F378 Oil pressure switch for reduced oil pressure
- F447 Stage 3 oil pressure switch
- G42 Intake air temperature sender
- G71 Intake manifold pressure sender
- G83 Radiator outlet coolant temperature sender
- J623 Engine/motor control unit
- N82 Coolant shut-off valve
- N488 Coolant valve for gearbox
- T1i 1-pin connector, black
- T2hv 2-pin connector, black
- T2ic 2-pin connector, black
- T2jk 2-pin connector, black
- T2pi 2-pin connector, black
- T4by 4-pin connector, black
- T10p 10-pin connector, black
- T14 14-pin connector, grey
- T14f 14-pin connector, in engine compartment, black
- T91 91-pin connector, black
- T105 105-pin connector, black
- * According to equipment
- *2 Wiring colour depends on equipment

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

18V/K-1841311191

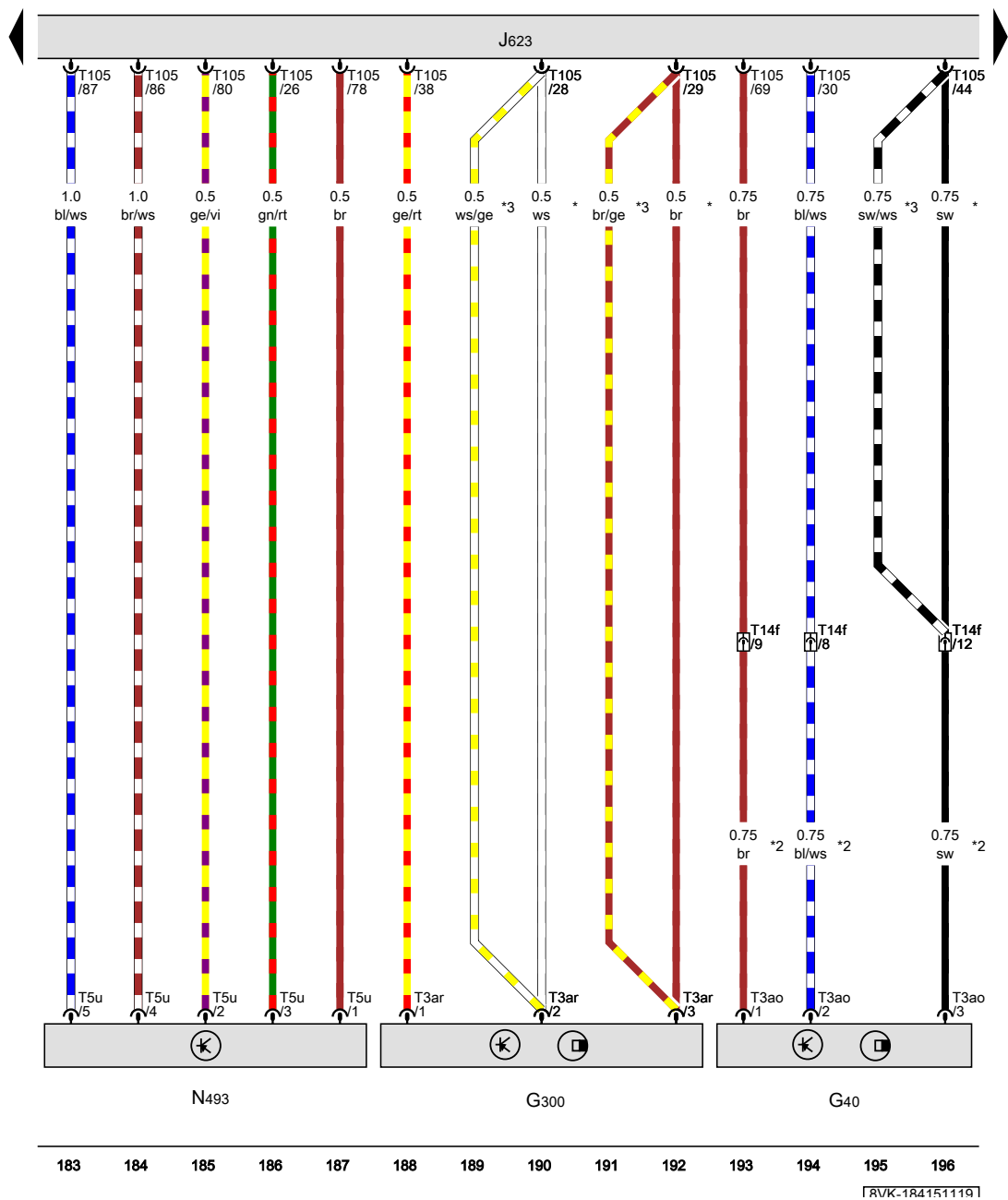


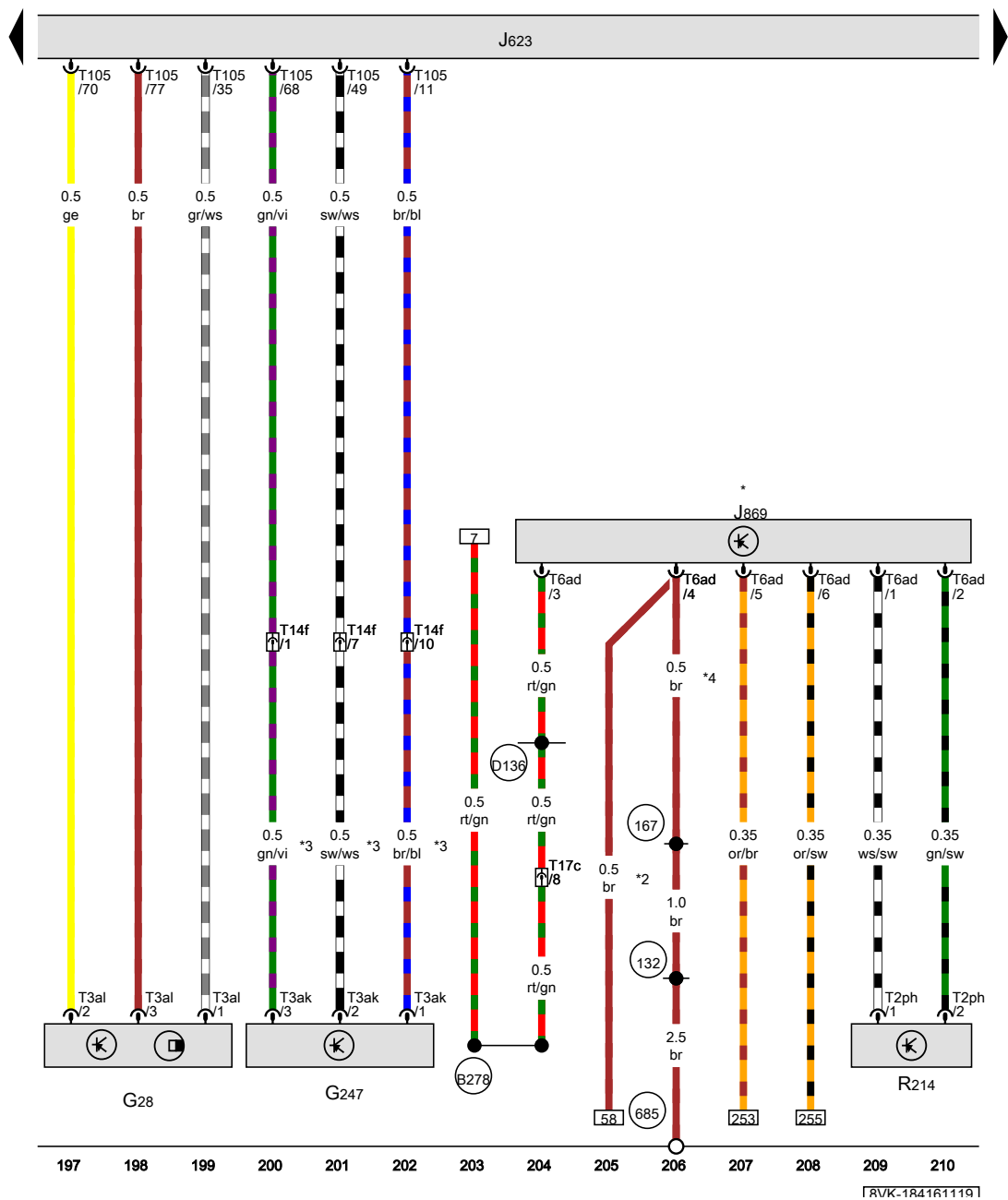
Coolant temperature sender, Intake manifold flap potentiometer, Engine/motor control unit, Charge pressure positioner

- G62 Coolant temperature sender
- G336 Intake manifold flap potentiometer
- G410 Fuel pressure sender for low pressure
- G581 Position sender for charge pressure positioner
- J623 Engine/motor control unit
- T2ib 2-pin connector, black
- T3aq 3-pin connector, black
- T3ax 3-pin connector, blue
- T6bk 6-pin connector, grey
- T14f 14-pin connector, in engine compartment, black
- T105 105-pin connector, black
- V465 Charge pressure positioner
- * For models with no US equipment
- *2 Wiring colour depends on equipment
- *3 Gradually discontinued
- *4 gradual introduction

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Hall sender, Hall sender 3, Engine/motor control unit,
Actuator for engine temperature regulation





Engine speed sender, Fuel pressure sender, Engine/motor control unit

- G28 Engine speed sender
- G247 Fuel pressure sender
- J623 Engine/motor control unit
- J869 Control unit for structure-borne sound
- R214 Actuator for structure-borne sound
- T2ph 2-pin connector, black
- T3ak 3-pin connector, black
- T3al 3-pin connector, black
- T6ad 6-pin connector, black
- T14f 14-pin connector, in engine compartment, black
- T17c 17-pin connector, on lower section of left A-pillar, red
- T105 105-pin connector, black

132 Earth connection 3, in engine compartment wiring harness

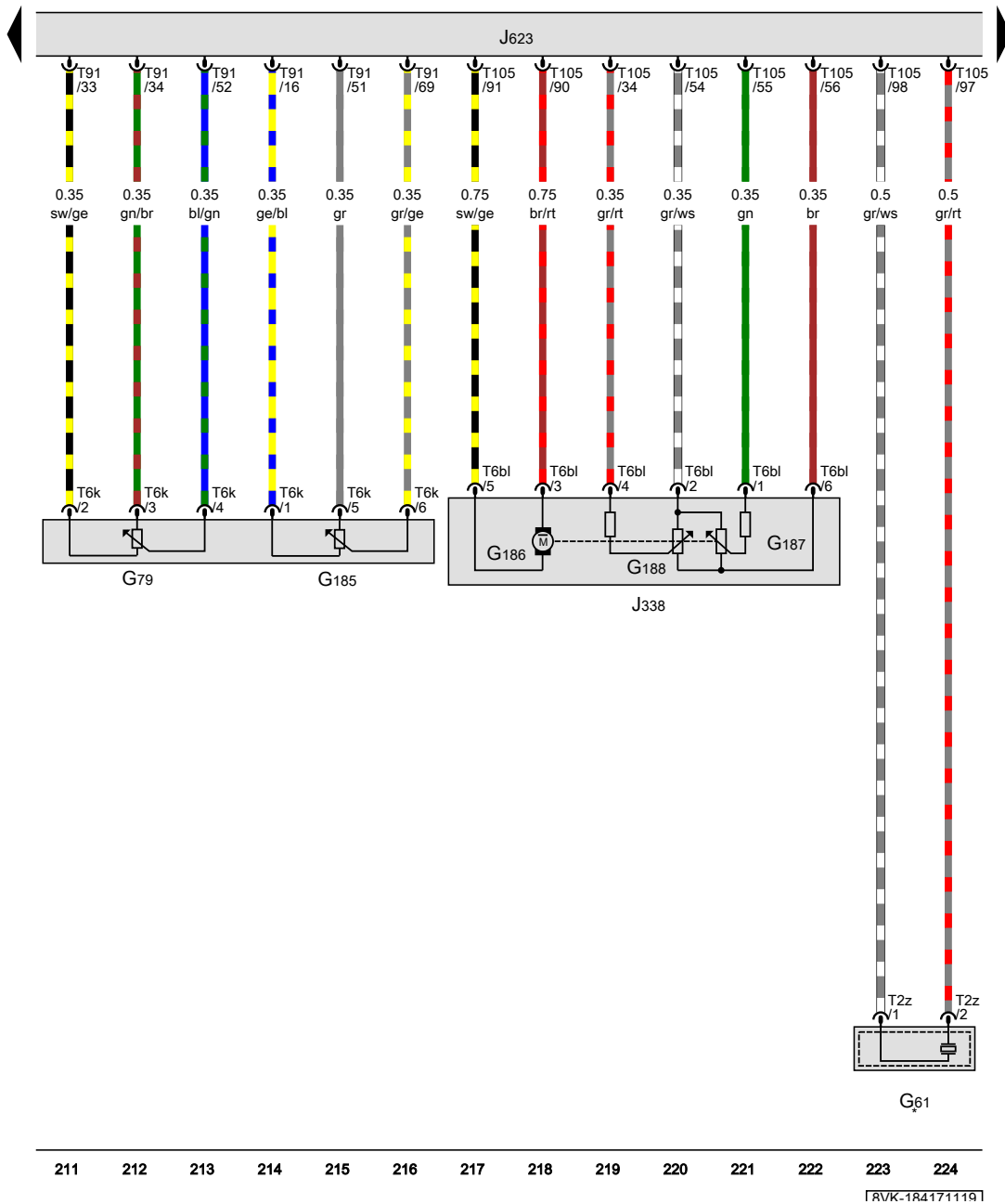
167 Earth connection 4, in engine compartment wiring harness

685 Earth point 1, on front of right longitudinal member

B278 Positive connection 2 (15a) in main wiring harness

D136 Positive connection 2 (15a), in engine compartment wiring harness

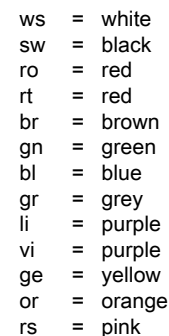
- * According to equipment
- *2 For right-hand drive models
- *3 Wiring colour depends on equipment
- *4 For left-hand drive models



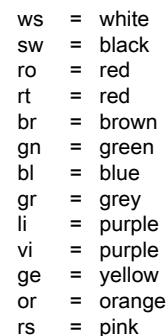
Knock sensor 1, Accelerator position sender, Accelerator position sender 2, Throttle valve module, Engine/motor control unit

- G61 Knock sensor 1
- G79 Accelerator position sender
- G185 Accelerator position sender 2
- G186 Throttle valve drive for electric throttle
- G187 Throttle valve drive angle sender 1 for electric throttle
- G188 Throttle valve drive angle sender 2 for electric throttle
- J338 Throttle valve module
- J623 Engine/motor control unit
- T2z 2-pin connector, black
- T6bl 6-pin connector, black
- T6k 6-pin connector, black
- T91 91-pin connector, black
- T105 105-pin connector, black
- * Pre-wired component

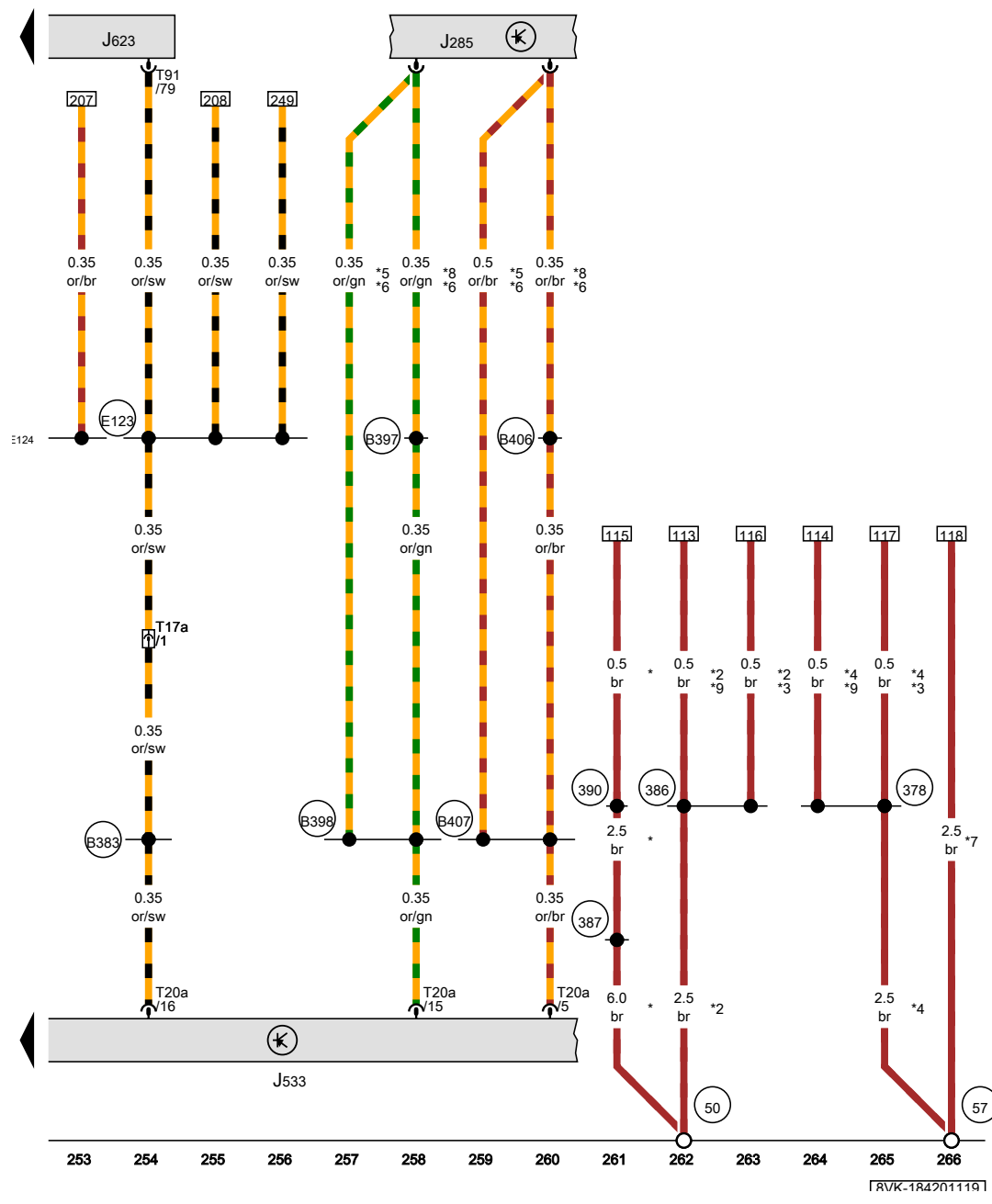
- ws = white
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- ge = yellow
- or = orange
- rs = pink



G39	Lambda probe
G130	Lambda probe after catalytic converter
G400	Tank pressure sensor
J623	Engine/motor control unit
J909	Control unit for fuel tank leak detection
T3ap	3-pin connector, black
T4e	4-pin connector, black
T5e	5-pin connector
T5j	5-pin connector, black
T17	17-pin connector, on lower section of left A-pillar, blue
T91	91-pin connector, black
Z19	Lambda probe heater
Z29	Lambda probe 1 heater after catalytic converter
D207	Connection 7 (87a), in engine compartment wiring harness
*	Pre-wired component
*2	For models with US equipment



G31	Charge pressure sender
G701	Gearbox neutral position sender
J533	Data bus diagnostic interface
J623	Engine/motor control unit
J743	Mechatronic unit for dual clutch gearbox
T3at	3-pin connector, black
T4bz	4-pin connector, black
T10p	10-pin connector, black
T14	14-pin connector, grey
T16r	16-pin connector
T17a	17-pin connector, on lower section of left A-pillar, black
T20a	20-pin connector, red
T91	91-pin connector, black
T105	105-pin connector, black
328	Earth connection 2 (sender earth), in engine compartment wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
D103	Connection 3 in engine compartment wiring harness
E124	Connection 1 (powertrain CAN bus, low), in engine wiring harness
*	For models with dual clutch gearbox
*2	According to equipment
*3	Gradually discontinued
*4	gradual introduction
*5	Wiring colour depends on equipment

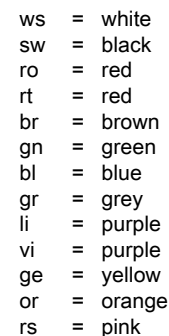


Control unit in dash panel insert, Data bus diagnostic interface, Engine/motor control unit

- J285 Control unit in dash panel insert
- J533 Data bus diagnostic interface
- J623 Engine/motor control unit
- T17a 17-pin connector, on lower section of left A-pillar, black
- T20a 20-pin connector, red
- T91 91-pin connector, black
- 50 Earth point, on left in luggage compartment
- 57 Earth point, rear left pillar
- 378 Earth connection 13, in main wiring harness
- 386 Earth connection 21, in main wiring harness
- 387 Earth connection 22, in main wiring harness
- 390 Earth connection 25, in main wiring harness
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness
- E123 Connection 1 (powertrain CAN bus, high), in engine wiring harness
- E124 Connection 1 (powertrain CAN bus, low), in engine wiring harness
- * For Cabriolet models
- *2 For models with 4 doors
- *3 Standard equipment
- *4 For models with 5 doors
- *5 For right-hand drive models
- *6 see applicable current flow diagram for dash panel insert
- *7 For models with 3 doors
- *8 For left-hand drive models
- *9 Optional equipment

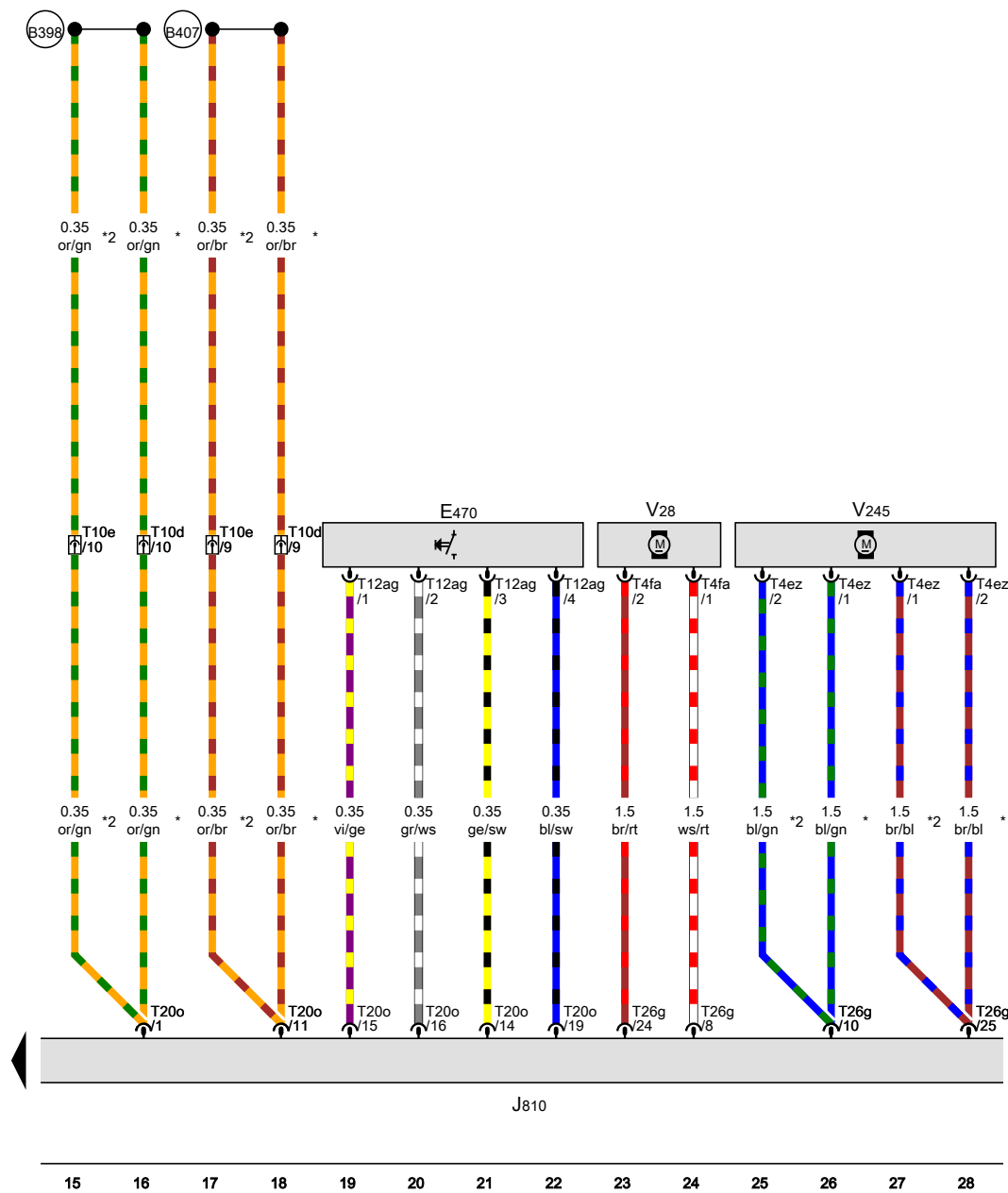
Adjustable driver and front passenger seats , (2R1),(3E9),(8I0)

From August 2016

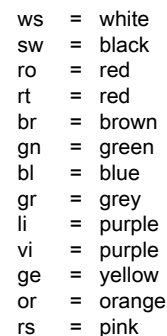


- * Only left-hand drive models
- *2 Only models with seat adjustment with massage function
- *3 Only models with seat adjustment with no massage function
- *4 Only right-hand drive models
- *5 Lumbar support with no massage

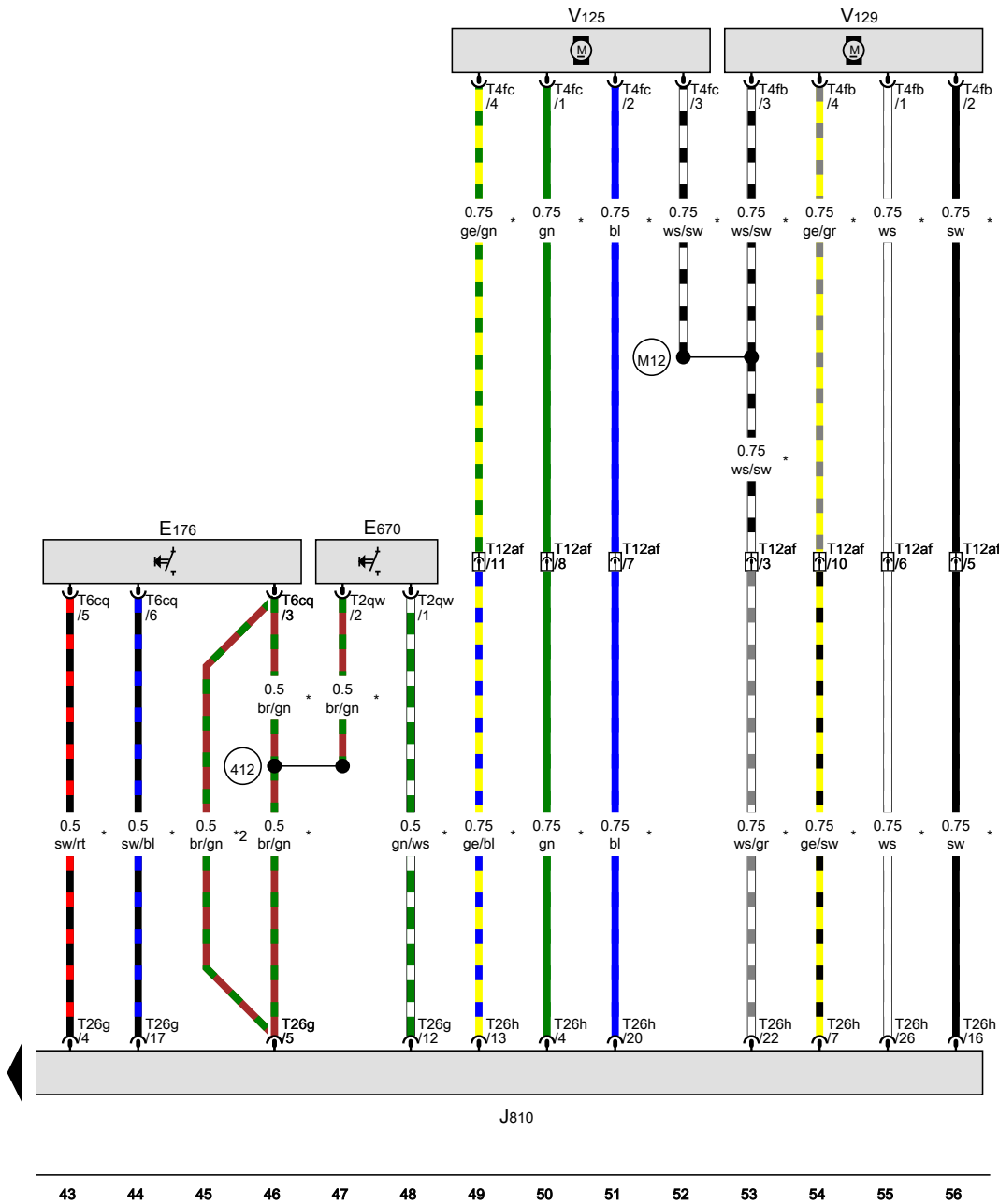
Driver seat adjustment operating unit, Driver seat adjustment control unit, Driver seat longitudinal adjustment motor, Driver seat height adjustment motor



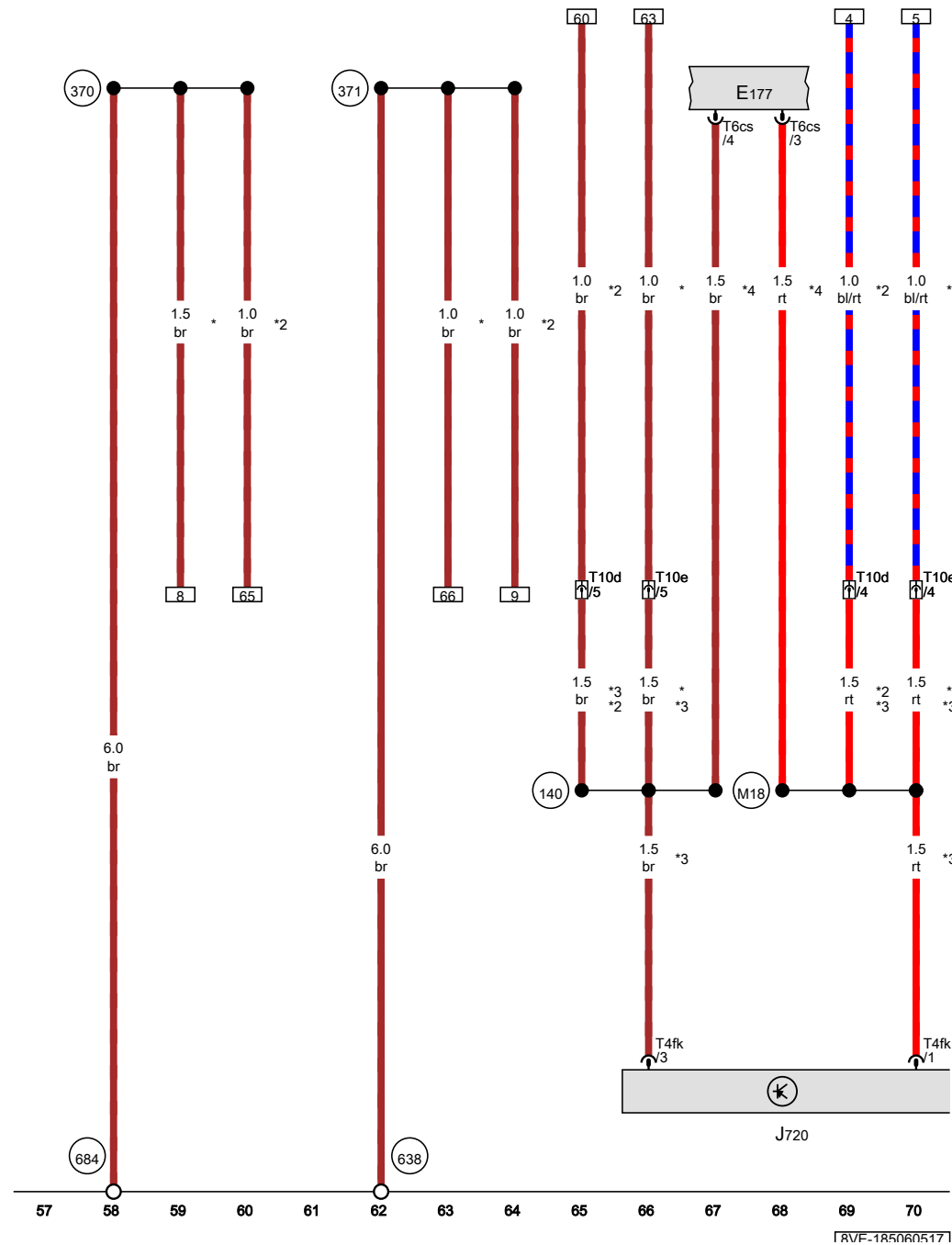
- E470 Driver seat adjustment operating unit
- J810 Driver seat adjustment control unit
- T4ez 4-pin connector, black
- T4fa 4-pin connector, black
- T10d 10-pin connector, in coupling point for front seat, left, red
- T10e 10-pin connector, in coupling point for front seat, right, red
- T12ag 12-pin connector, black
- T20o 20-pin connector, red
- T26g 26-pin connector, white
- V28 Driver seat longitudinal adjustment motor
- V245 Driver seat height adjustment motor
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness
- * Only left-hand drive models
- *2 Only right-hand drive models



Driver seat lumbar support adjustment switch, Driver seat massage function button, Driver seat adjustment control unit, Driver seat lumbar support longitudinal adjustment motor, Driver seat lumbar support height adjustment motor



- E176 Driver seat lumbar support adjustment switch
- E670 Driver seat massage function button
- J810 Driver seat adjustment control unit
- T2qw 2-pin connector, black
- T4fb 4-pin connector, black
- T4fc 4-pin connector, black
- T6cq 6-pin connector, black
- T12af 12-pin connector, in backrest, black
- T26g 26-pin connector, white
- T26h 26-pin connector, blue
- V125 Driver seat lumbar support longitudinal adjustment motor
- V129 Driver seat lumbar support height adjustment motor
- 412 Earth connection 3, in seat adjustment wiring harness
- M12 Connection 3, in driver seat adjustment wiring harness
- * Lumbar support with massage
- *2 According to equipment



Front passenger seat position control unit

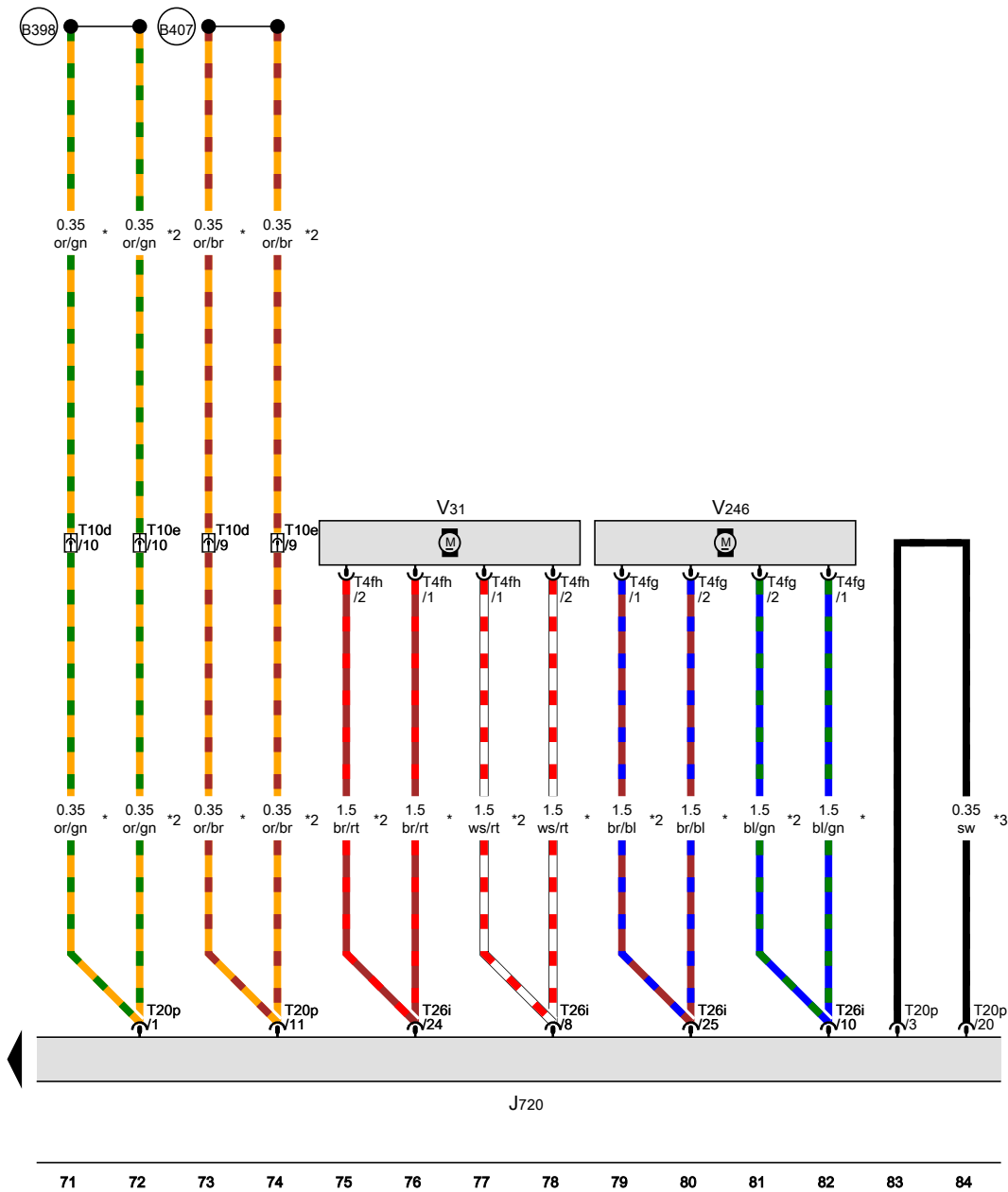
- E177 Front passenger seat lumbar support adjustment switch
- J720 Front passenger seat position control unit
- T4fk 4-pin connector, black
- T6cs 6-pin connector
- T10d 10-pin connector, in coupling point for front seat, left, red
- T10e 10-pin connector, in coupling point for front seat, right, red

- 140 Earth connection 2, in seat adjustment wiring harness
- 370 Earth connection 5, in main wiring harness
- 371 Earth connection 6, in main wiring harness
- 638 Earth point, on right A-pillar
- 684 Earth point on front of left side member
- M18 Connection 1, in front passenger seat adjustment wiring harness

- * Only left-hand drive models
- *2 Only right-hand drive models
- *3 Only models with seat adjustment with no massage function
- *4 Lumbar support with no massage

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

[AVF-185060517]



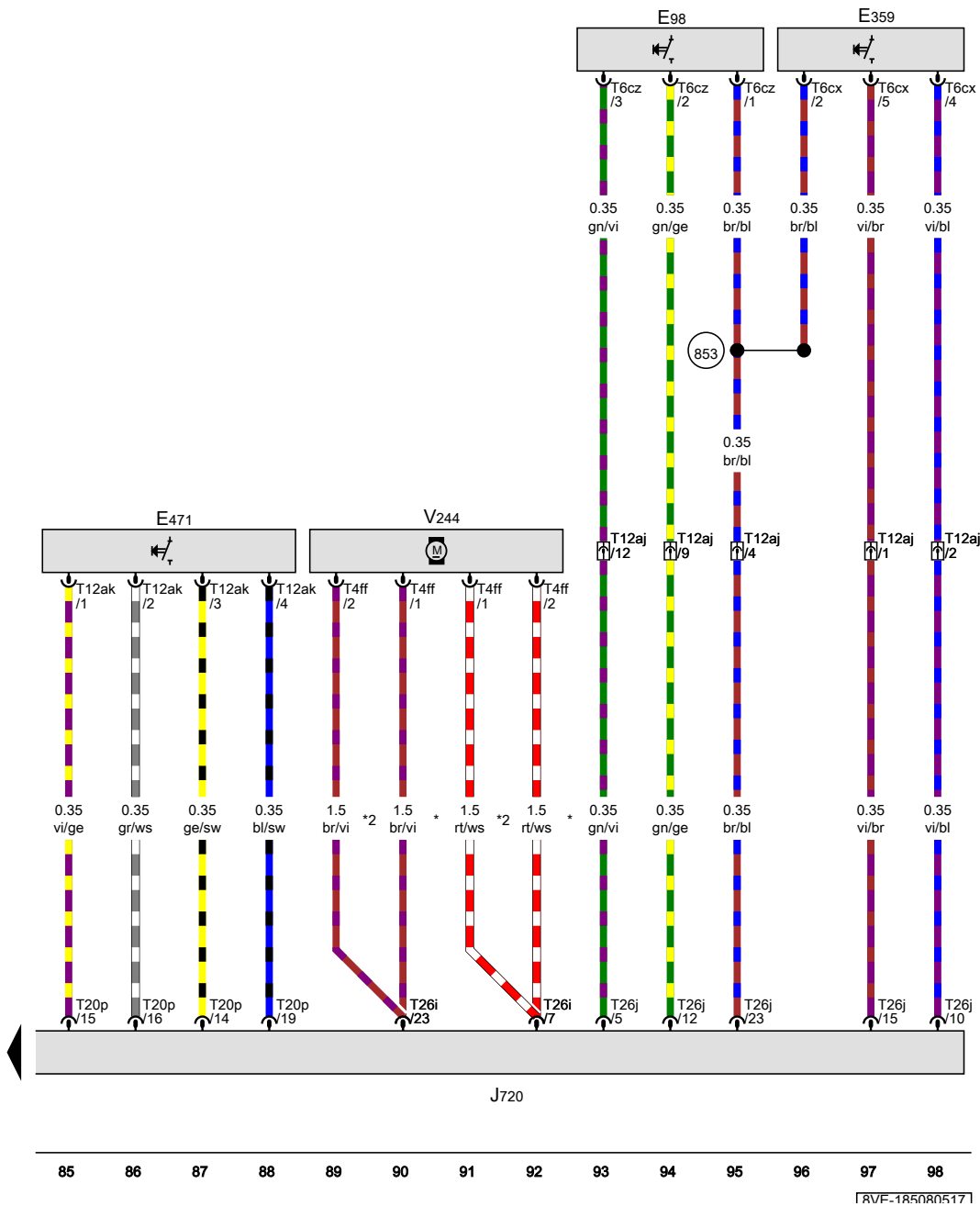
Front passenger seat position control unit, Front passenger seat longitudinal adjustment motor, Front passenger seat height adjustment motor

- J720 Front passenger seat position control unit
- T4fg 4-pin connector, black
- T4fh 4-pin connector, black
- T10d 10-pin connector, in coupling point for front seat, left, red
- T10e 10-pin connector, in coupling point for front seat, right, red
- T20p 20-pin connector, red
- T26i 26-pin connector, white
- V31 Front passenger seat longitudinal adjustment motor
- V246 Front passenger seat height adjustment motor
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness
- * Only right-hand drive models
- *2 Only left-hand drive models
- *3 If fitted

ws = white
 sw = black
 ro = red
 rt = red
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 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

[8VF-185070517]

Front passenger seat backrest adjustment switch, Easy entry button on front passenger side, Front passenger seat adjustment operating unit, Front passenger seat position control unit, Front passenger seat rake adjustment motor

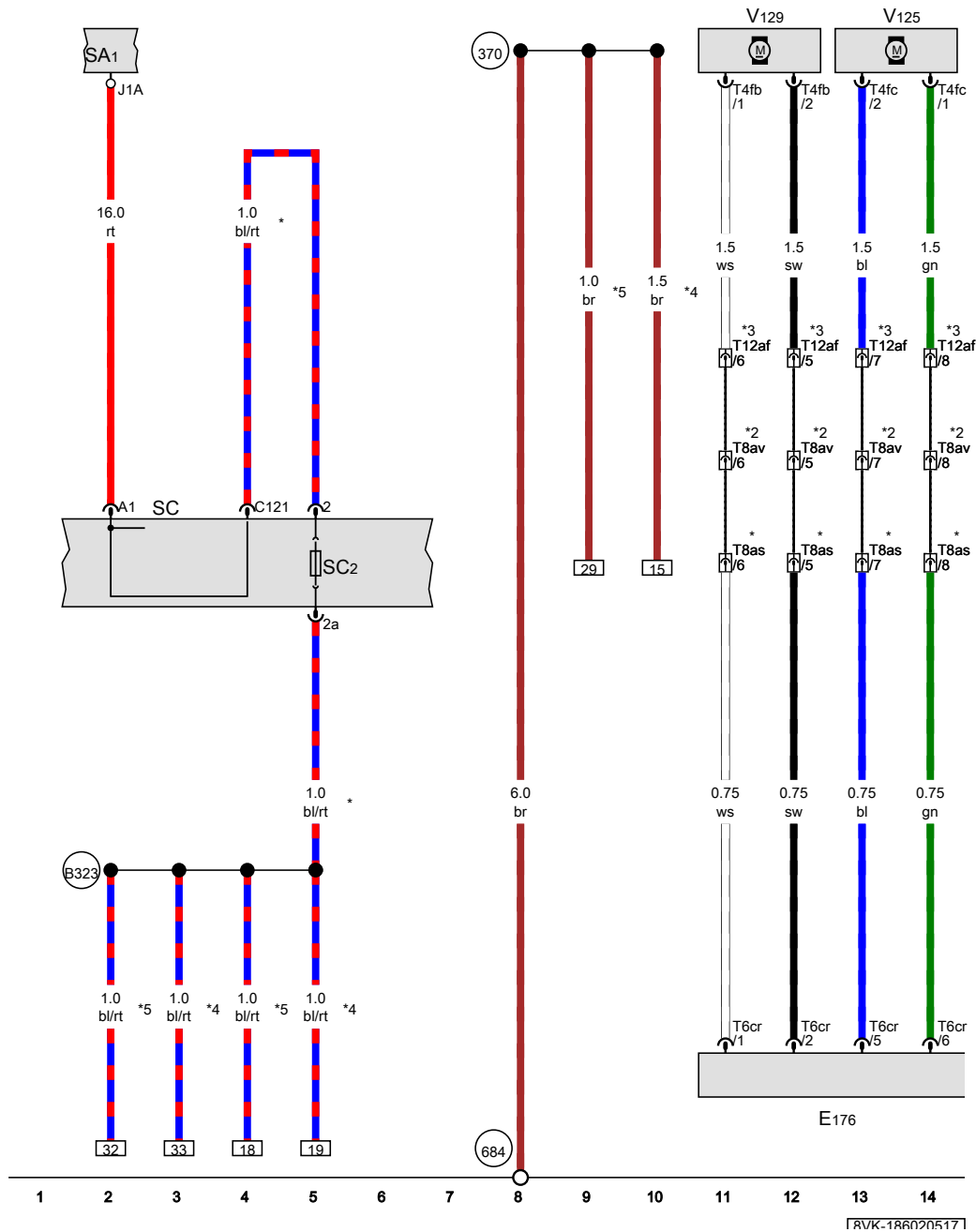


- E98 Front passenger seat backrest adjustment switch
- E359 Easy entry button on front passenger side
- E471 Front passenger seat adjustment operating unit
- J720 Front passenger seat position control unit
- T4ff 4-pin connector, black
- T6cx 6-pin connector, black
- T6cz 6-pin connector, black
- T12aj 12-pin connector, black
- T12ak 12-pin connector, black
- T20p 20-pin connector, red
- T26i 26-pin connector, white
- T26j 26-pin connector, blue
- V244 Front passenger seat rake adjustment motor
- 853 Earth connection 6, in seat adjustment wiring harness
- * Only right-hand drive models
- *2 Only left-hand drive models

Electrically adjustable lumbar support , (7P1),(7P7)

From August 2016

Driver seat lumbar support adjustment switch, Fuse 1 on fuse holder A, Fuse holder C, Driver seat lumbar support longitudinal adjustment motor, Driver seat lumbar support height adjustment motor



- E176 Driver seat lumbar support adjustment switch
- SA1 Fuse 1 on fuse holder A
- SC Fuse holder C
- SC2 Fuse 2 on fuse holder C
- T4fb 4-pin connector, black
- T4fc 4-pin connector, black
- T6cr 6-pin connector, white
- T8as 8-pin connector, in backrest, black
- T8av 8-pin connector, in backrest, black
- T12af 12-pin connector, in backrest, black
- V125 Driver seat lumbar support longitudinal adjustment motor
- V129 Driver seat lumbar support height adjustment motor

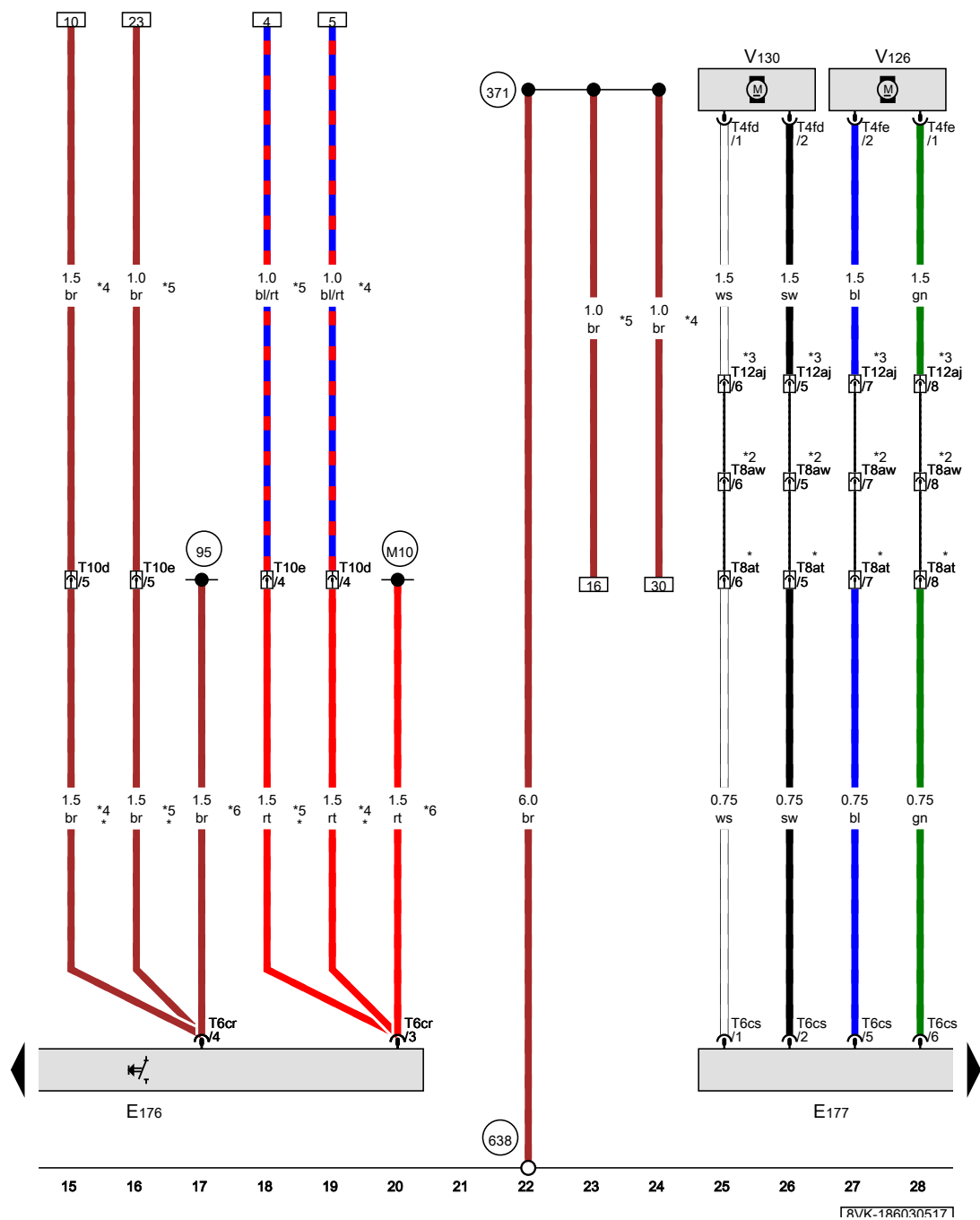
370 Earth connection 5, in main wiring harness

684 Earth point on front of left side member

B323 Positive connection 9 (30a) in main wiring harness

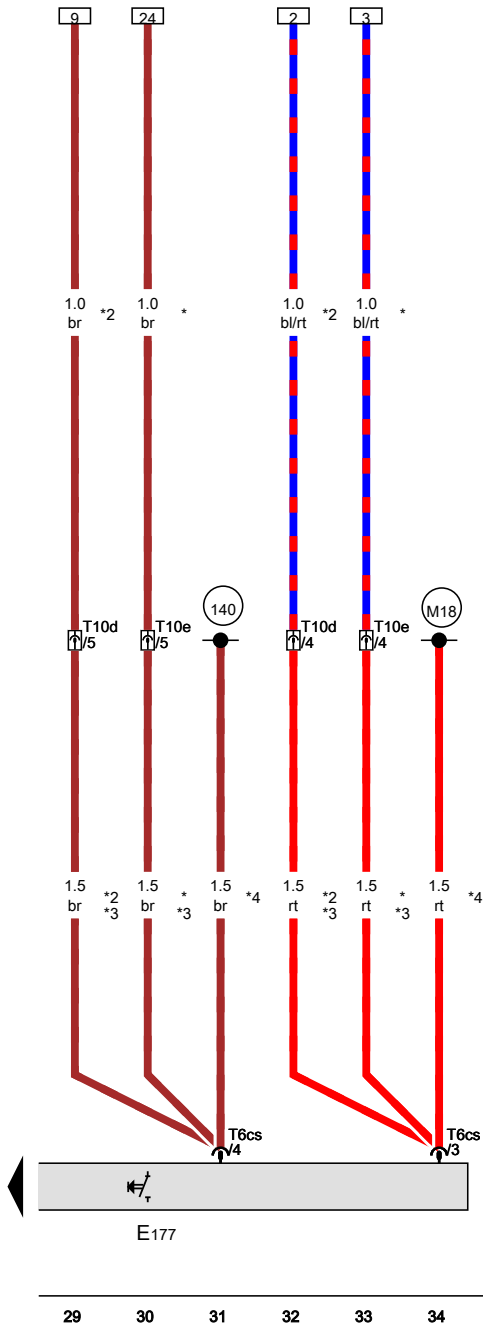
- * Only models with no adjustable seats
- *2 Only models with seat adjustment
- *3 Only Cabriolet models
- *4 Only left-hand drive models
- *5 Only right-hand drive models

- ws = white
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- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



Driver seat lumbar support adjustment switch, Front passenger seat lumbar support adjustment switch, Front passenger seat lumbar support longitudinal adjustment motor, Front passenger seat lumbar support height adjustment motor

- E176 Driver seat lumbar support adjustment switch
- E177 Front passenger seat lumbar support adjustment switch
- T4fd 4-pin connector, black
- T4fe 4-pin connector, black
- T6cr 6-pin connector, white
- T6cs 6-pin connector, white
- T8at 8-pin connector, in backrest, black
- T8aw 8-pin connector, in backrest, black
- T10d 10-pin connector, in coupling point for front seat, left, red
- T10e 10-pin connector, in coupling point for front seat, right, red
- T12aj 12-pin connector, in backrest, black
- V126 Front passenger seat lumbar support longitudinal adjustment motor
- V130 Front passenger seat lumbar support height adjustment motor
- 95 Earth connection 1, in seat adjustment wiring harness
- 371 Earth connection 6, in main wiring harness
- 638 Earth point, on right A-pillar
- M10 Connection 1, in driver seat adjustment wiring harness
- * Only models with no adjustable seats
- *2 Only models with seat adjustment
- *3 Only Cabriolet models
- *4 Only left-hand drive models
- *5 Only right-hand drive models
- *6 see applicable current flow diagram for seat adjustment



Front passenger seat lumbar support adjustment switch

- E177 Front passenger seat lumbar support adjustment switch
- T6cs 6-pin connector, white
- T10d 10-pin connector, in coupling point for front seat, left, red
- T10e 10-pin connector, in coupling point for front seat, right, red

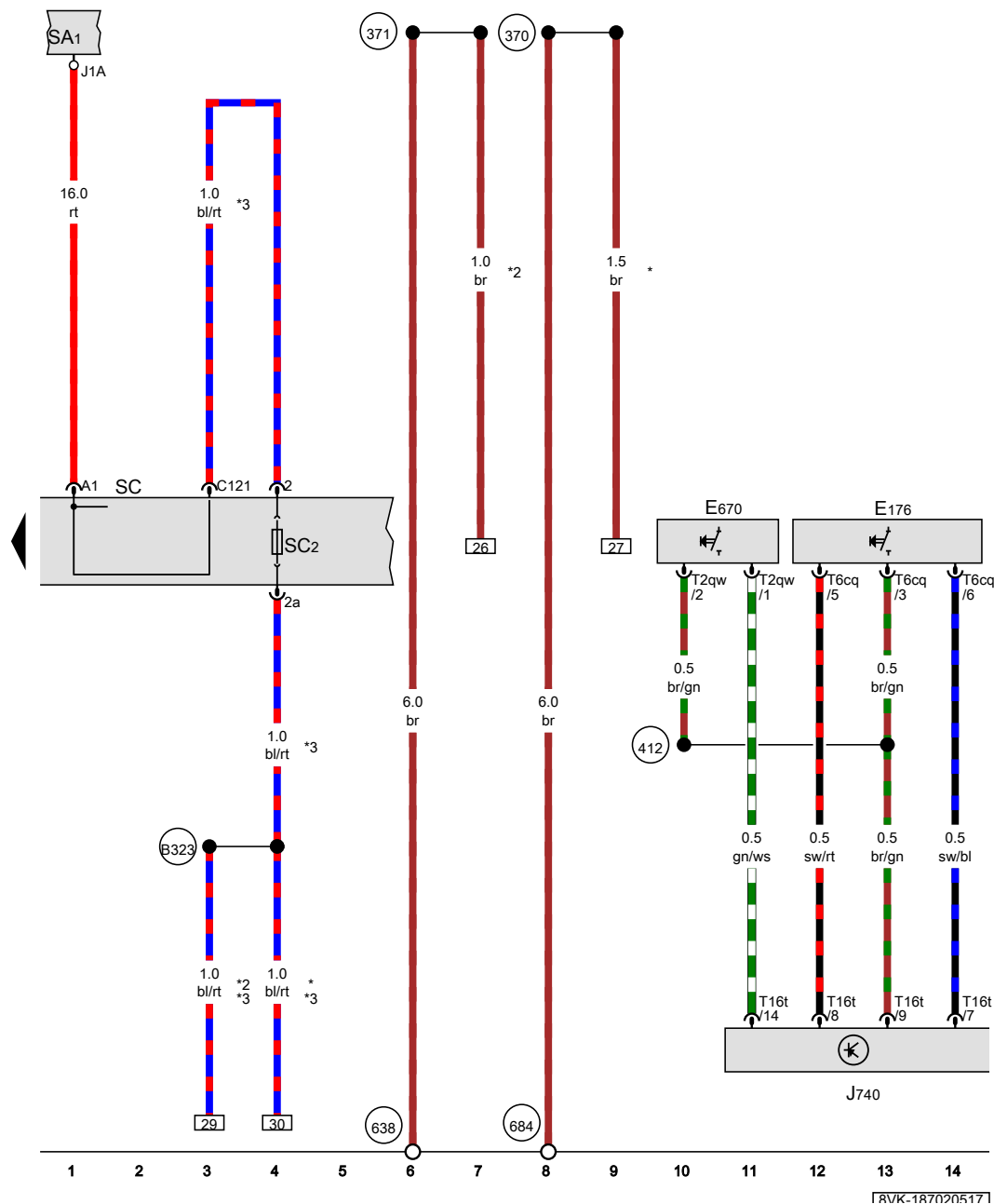
- 140 Earth connection 2, in seat adjustment wiring harness
- M18 Connection 1, in front passenger seat adjustment wiring harness

- * Only left-hand drive models
- *2 Only right-hand drive models
- *3 Only models with no adjustable seats
- *4 see applicable current flow diagram for seat adjustment

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Electrically adjustable lumbar support , (8I0),(8I1)

From August 2016



Driver seat lumbar support adjustment switch, Driver seat massage function button, Massage control unit, Fuse 1 on fuse holder A, Fuse holder C

- E176 Driver seat lumbar support adjustment switch
- E670 Driver seat massage function button
- J740 Massage control unit
- SA1 Fuse 1 on fuse holder A
- SC Fuse holder C
- SC2 Fuse 2 on fuse holder C
- T2qw 2-pin connector, black
- T6cq 6-pin connector, black
- T16t 16-pin connector, black

370 Earth connection 5, in main wiring harness

371 Earth connection 6, in main wiring harness

412 Earth connection 3, in seat adjustment wiring harness

638 Earth point, on right A-pillar

684 Earth point on front of left side member

B323 Positive connection 9 (30a) in main wiring harness

- * Only left-hand drive models
- *2 Only right-hand drive models
- *3 Only models with no adjustable seats

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- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Massage control unit, Driver seat lumbar support longitudinal adjustment motor, Driver seat lumbar support height adjustment motor

- J740 Massage control unit
- T4fb 4-pin connector, black
- T4fc 4-pin connector, black
- T8as 8-pin connector, in backrest, black
- T10d 10-pin connector, in coupling point for front seat, left, red
- T10e 10-pin connector, in coupling point for front seat, right, red
- T12af 12-pin connector, in backrest, black
- T12ah 12-pin connector, black
- T16t 16-pin connector, black
- V125 Driver seat lumbar support longitudinal adjustment motor
- V129 Driver seat lumbar support height adjustment motor

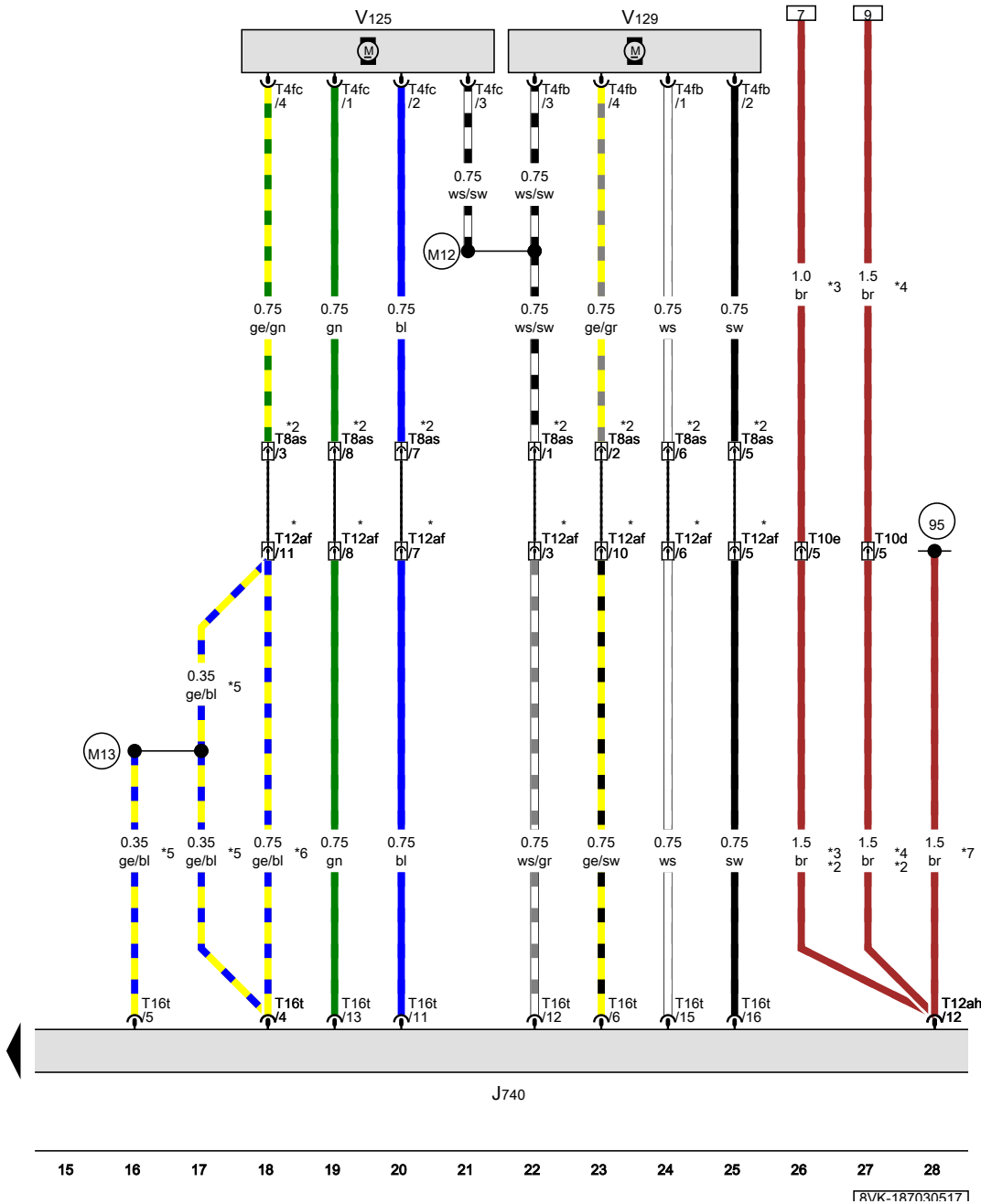
95 Earth connection 1, in seat adjustment wiring harness

M12 Connection 3, in driver seat adjustment wiring harness

M13 Connection 4, in driver seat adjustment wiring harness

- * Only models with seat adjustment
- *2 Only models with no adjustable seats
- *3 Only right-hand drive models
- *4 Only left-hand drive models
- *5 If fitted
- *6 According to equipment
- *7 see applicable current flow diagram for seat adjustment

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

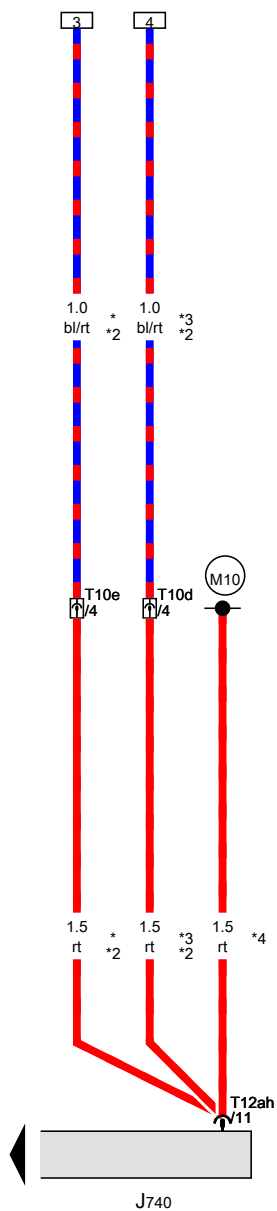


Massage control unit

- J740 Massage control unit
- T10d 10-pin connector, in coupling point for front seat, left, red
- T10e 10-pin connector, in coupling point for front seat, right, red
- T12ah 12-pin connector, black

M10 Connection 1, in driver seat adjustment wiring harness

- * Only right-hand drive models
- *2 Only models with no adjustable seats
- *3 Only left-hand drive models
- *4 see applicable current flow diagram for seat adjustment

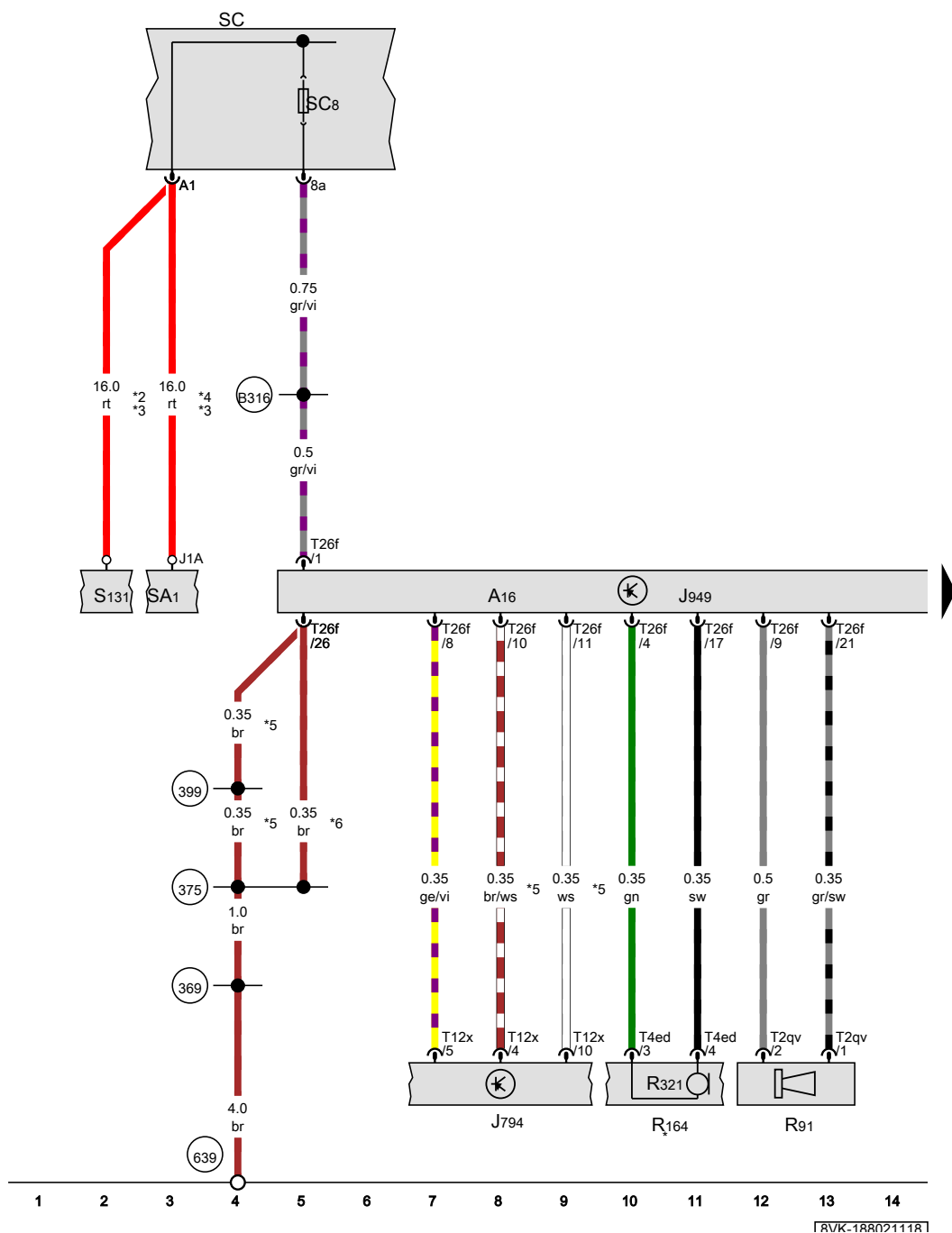


- ws = white
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- rs = pink

[8VK-187040517]

Emergency call module , (NZ3)

From November 2016

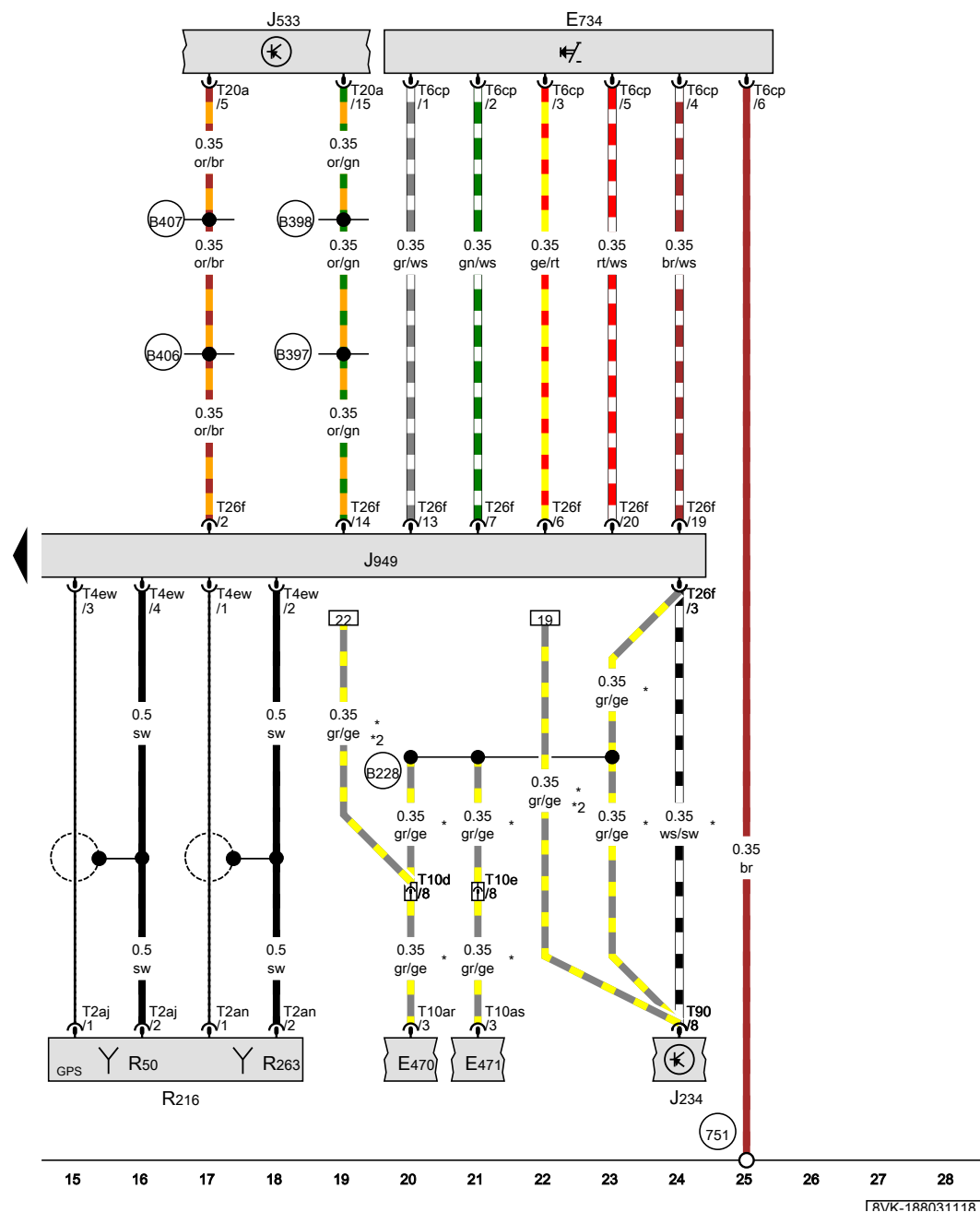


Control unit 1 for information electronics, Emergency call module control unit and communication unit, Additional loudspeaker for telematics, Microphone unit in front roof module, Microphone for emergency call module, Fuse holder C

- A16 Emergency battery, telematics
- J794 Control unit 1 for information electronics
- J949 Emergency call module control unit and communication unit
- R91 Additional loudspeaker for telematics
- R164 Microphone unit in front roof module
- R321 Microphone for emergency call module
- SA1 Fuse 1 on fuse holder A
- SC Fuse holder C
- SC8 Fuse 8 on fuse holder C
- S131 Fuse 1
- T2qv 2-pin connector, black
- T4ed 4-pin connector, black
- T12x 12-pin connector, blue
- T26f 26-pin connector, black

- 369 Earth connection 4, in main wiring harness
- 375 Earth connection 10, in main wiring harness
- 399 Earth connection 34, in main wiring harness
- 639 Earth point, left A-pillar
- B316 Positive connection 2 (30a) in main wiring harness
- * Pre-wired component
- *2 For RS 3 models
- *3 see applicable current flow diagram for battery
- *4 Not for RS 3 models
- *5 Gradually discontinued
- *6 gradual introduction

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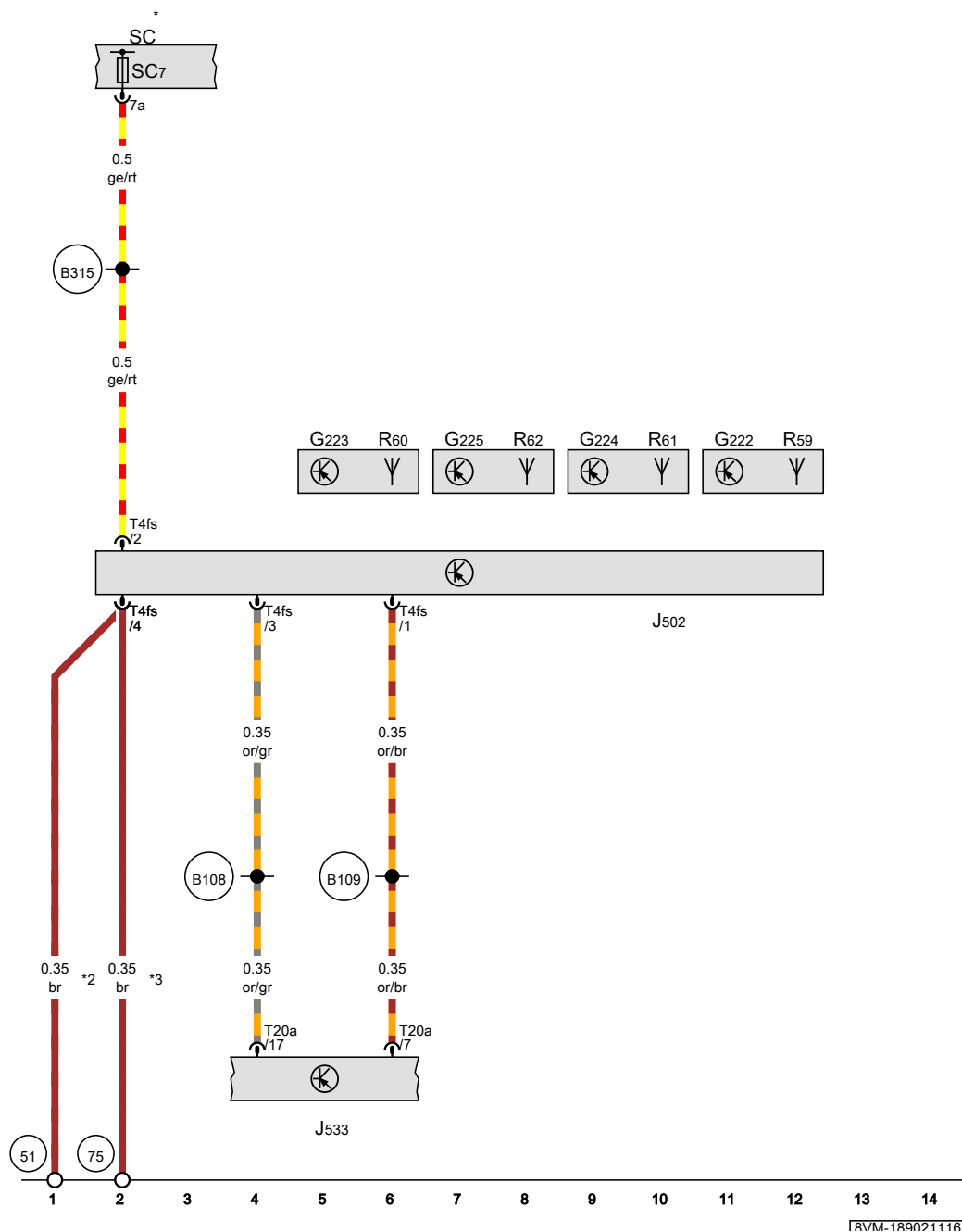
Telematics button module, Airbag control unit, Data bus diagnostic interface, Emergency call module control unit and communication unit, Roof aerial

- E470 Driver seat adjustment operating unit
- E471 Front passenger seat adjustment operating unit
- E734 Telematics button module
- J234 Airbag control unit
- J533 Data bus diagnostic interface
- J949 Emergency call module control unit and communication unit
- R50 GPS aerial
- R216 Roof aerial
- R263 Emergency call module aerial
- T2aj 2-pin connector
- T2an 2-pin connector
- T4ew 4-pin connector, purple
- T6cp 6-pin connector, black
- T10ar 10-pin connector
- T10as 10-pin connector
- T10d 10-pin connector
- T10e 10-pin connector
- T20a 20-pin connector, red
- T26f 26-pin connector, black
- T90 90-pin connector, yellow

- 751 Earth point 2, on right A-pillar
- B228 Connection (crash signal), in interior wiring harness
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness
- * According to equipment
- *2 For models with electric seat adjustment on driver side

Tyre Pressure Monitoring System , (7K3),(7K4)

From November 2016



Front left tyre pressure sensor, Front right tyre pressure sensor, Rear left tyre pressure sensor, Rear right tyre pressure sensor, Tyre Pressure Monitoring System control unit

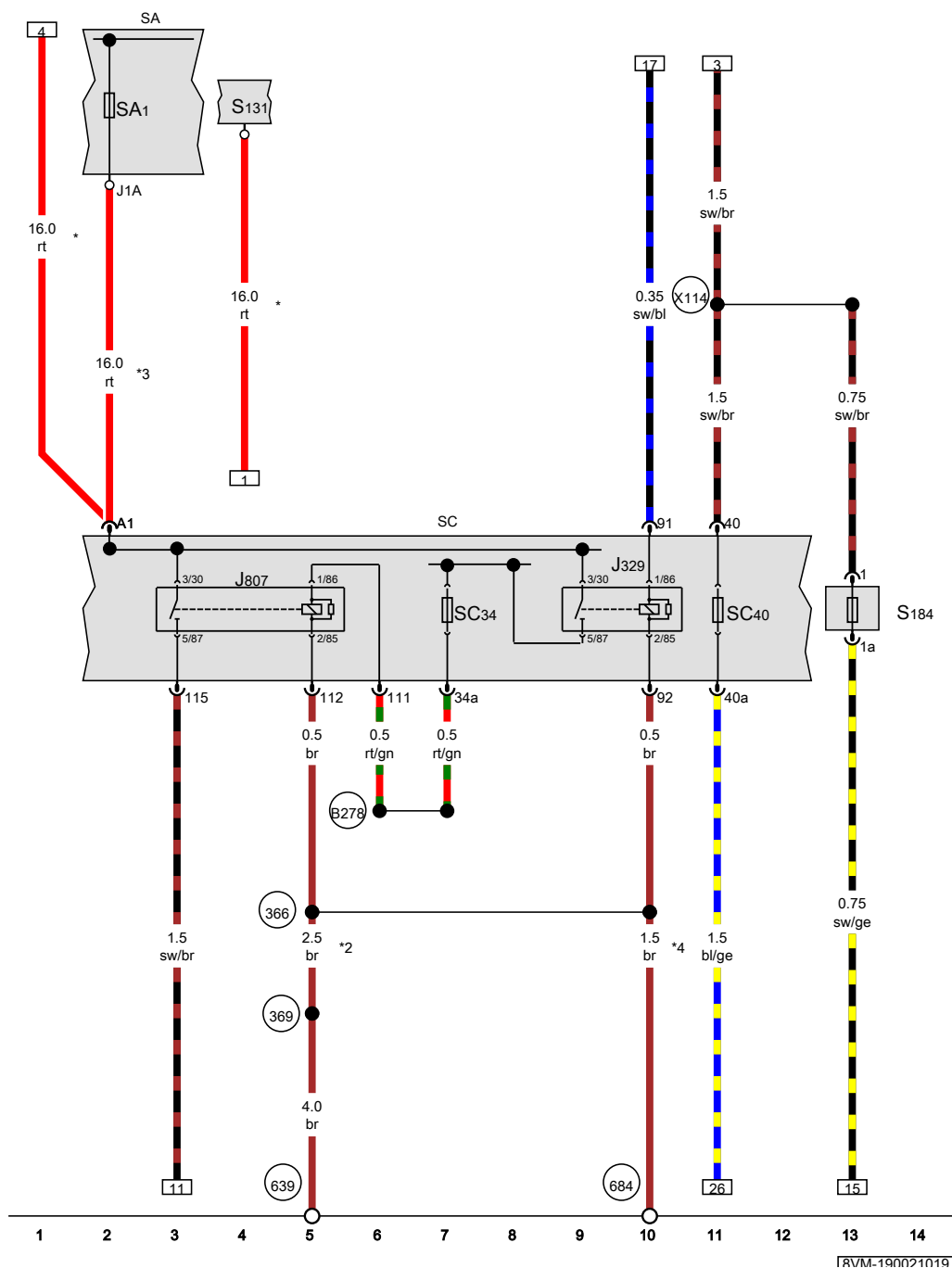
- G222 Front left tyre pressure sensor
- G223 Front right tyre pressure sensor
- G224 Rear left tyre pressure sensor
- G225 Rear right tyre pressure sensor
- J502 Tyre Pressure Monitoring System control unit
- J533 Data bus diagnostic interface
- R59 Front left Tyre Pressure Monitoring System aerial
- R60 Front right Tyre Pressure Monitoring System aerial
- R61 Rear left Tyre Pressure Monitoring System aerial
- R62 Rear right Tyre Pressure Monitoring System aerial
- SC Fuse holder C
- SC7 Fuse 7 on fuse holder C
- T4fs 4-pin connector, grey
- T20a 20-pin connector, red

- 51 Earth point, on right in luggage compartment
- 75 Earth point, rear right pillar
- B108 Connection 1 (CAN bus extended high), in main wiring harness
- B109 Connection 1 (CAN bus extended low), in main wiring harness
- B315 Positive connection 1 (30a) in main wiring harness

- * see applicable current flow diagram for fuse assignment
- *2 Only models with 4-doors
- *3 Only models with 5-doors

Cigarette lighter and 12 V sockets

From November 2016



Terminal 15 voltage supply relay, Relay for power sockets, Fuse holder C, Electric socket 1 fuse

- J329 Terminal 15 voltage supply relay
- J807 Relay for power sockets
- SA Fuse holder A
- SA1 Fuse 1 on fuse holder A
- SC Fuse holder C
- SC34 Fuse 34 on fuse holder C
- SC40 Fuse 40 on fuse holder C
- S131 Fuse 1
- S184 Electric socket 1 fuse

366 Earth connection 1, in main wiring harness

369 Earth connection 4, in main wiring harness

639 Earth point, left A-pillar

684 Earth point on front of left side member

B278 Positive connection 2 (15a) in main wiring harness

X114 Connection (electrical socket), in optional equipment wiring harness

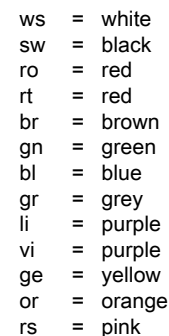
* For RS 3 models

*2 For left-hand drive models

*3 Not for RS 3 models

*4 For right-hand drive models

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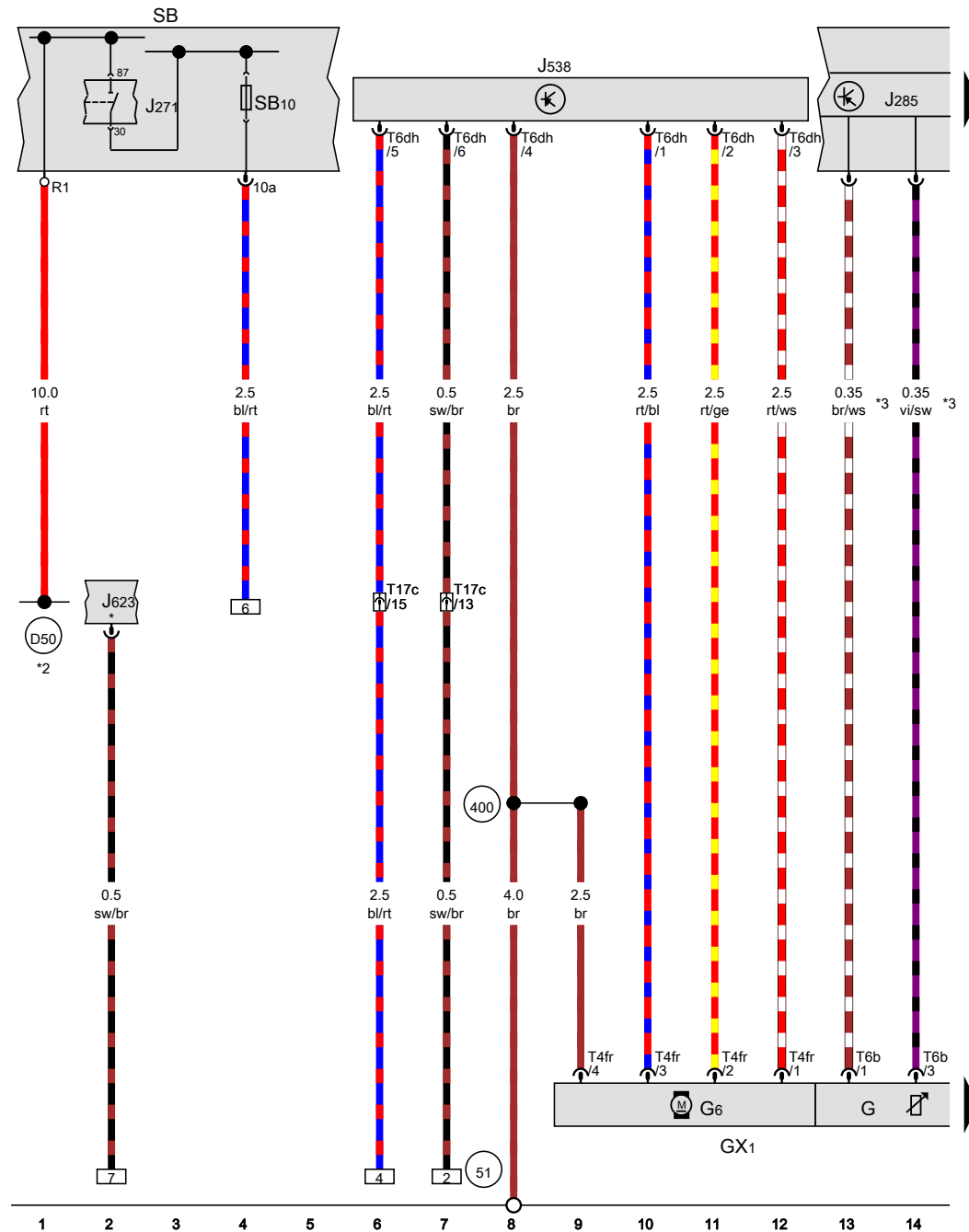


J519	Onboard supply control unit
L28	Cigarette lighter illumination bulb
L42	Socket illumination bulb
T3br	3-pin connector, black
T3bs	3-pin connector, black
T3cv	3-pin connector, black
T4fq	4-pin connector, red
T73a	73-pin connector, black
T73c	73-pin connector, black
U	Electric socket
U1	Cigarette lighter
U5	12 V socket
U37	USB charging socket 1

- 50 Earth point, on left in luggage compartment
- 51 Earth point, on right in luggage compartment
- 57 Earth point, rear left pillar
- 368 Earth connection 3, in main wiring harness
- 373 Earth connection 8, in main wiring harness
- 378 Earth connection 13, in main wiring harness
- 386 Earth connection 21, in main wiring harness
- 388 Earth connection 23, in main wiring harness
- 687 Earth point 1, on centre tunnel
- B680 Connection (electric socket), in interior wiring harness
- B731 Connection 1 (58s), in main wiring harness
- * For smoker version models
- *2 For Cabriolet models
- *3 For models with 3 doors
- *4 For models with 5 doors
- *5 For models with 4 doors

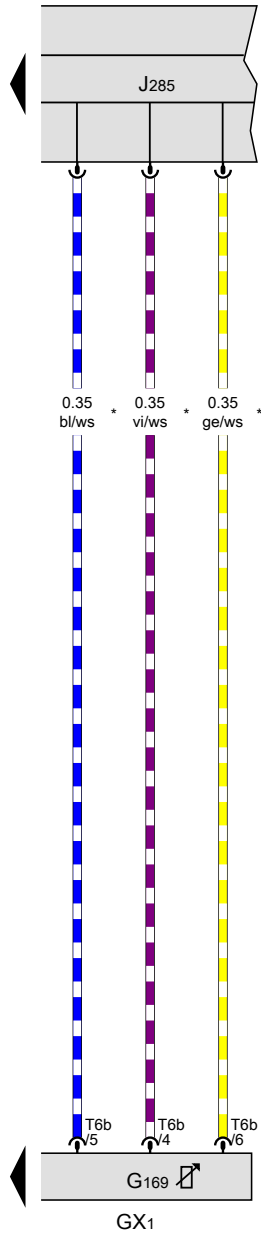
Fuel system , (1E7),(FN1)

From November 2016



Fuel gauge sender, Fuel delivery unit, Main relay, Control unit in dash panel insert, Fuel pump control unit

- G Fuel gauge sender
- GX1 Fuel delivery unit
- G6 Fuel system pressurisation pump
- J271 Main relay
- J285 Control unit in dash panel insert
- J538 Fuel pump control unit
- J623 Engine control unit
- SB Fuse holder B
- SB10 Fuse 10 on fuse holder B
- T4fr 4-pin connector, black
- T6b 6-pin connector, black
- T6dh 6-pin connector, black
- T17c 17-pin connector, on lower section of left A-pillar, red
- 51 Earth point, on right in luggage compartment
- 400 Earth connection 35, in main wiring harness
- D50 Positive connection (30), in engine compartment wiring harness
- * see applicable current flow diagram for engine
- *2 see applicable current flow diagram for battery
- *3 see applicable current flow diagram for dash panel insert



Fuel delivery unit, Fuel gauge sender 2, Control unit in dash panel insert

- GX1 Fuel delivery unit
- G169 Fuel gauge sender 2
- J285 Control unit in dash panel insert
- T6b 6-pin connector, black
- * see applicable current flow diagram for dash panel insert

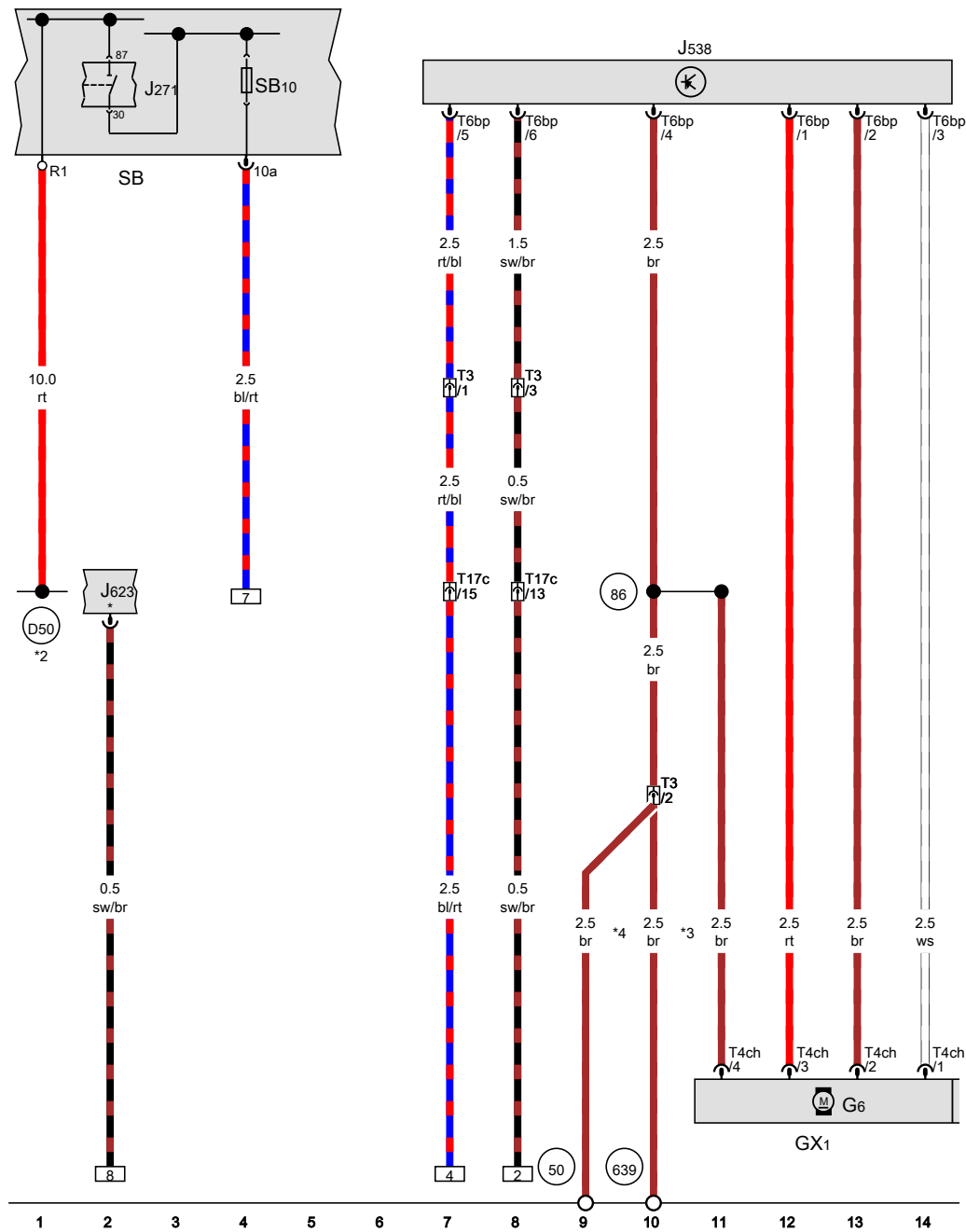
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15 16 17 18 19 20 21 22 23 24 25 26 27 28

[8V/M-191030417]

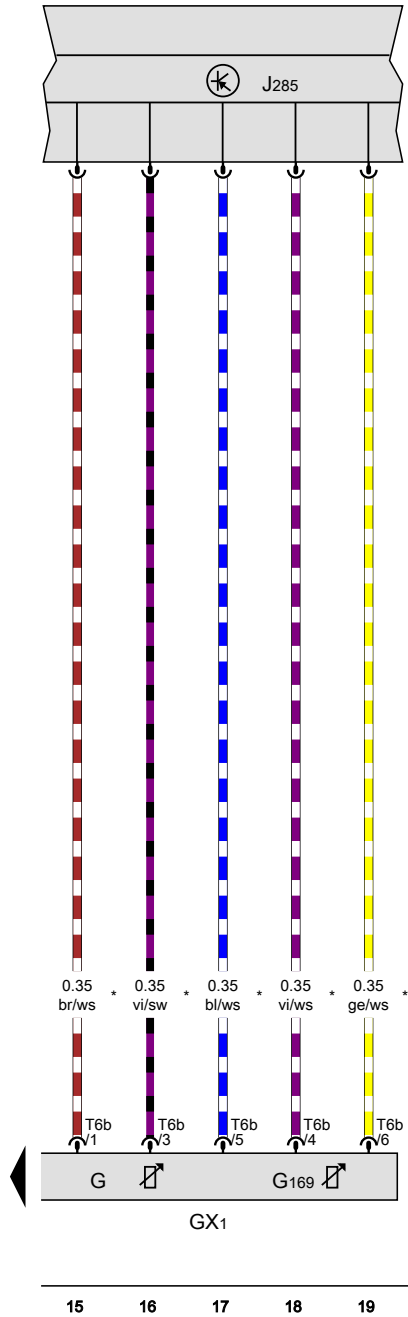
Fuel system , (1E1),(FN1)

From February 2015



Fuel delivery unit, Main relay, Fuel pump control unit

- GX1 Fuel delivery unit
- G6 Fuel system pressurisation pump
- J271 Main relay
- J538 Fuel pump control unit
- J623 Engine control unit
- SB Fuse holder B
- SB10 Fuse 10 on fuse holder B
- T3 3-pin connector
- T4ch 4-pin connector
- T6bp 6-pin connector
- T17c 17-pin connector, on lower section of left A-pillar, red
- 50 Earth point, on left in luggage compartment
- 86 Earth connection 1, in rear wiring harness
- 639 Earth point, left A-pillar
- D50 Positive connection (30), in engine compartment wiring harness
- * see applicable current flow diagram for engine
- *2 see applicable current flow diagram for battery
- *3 For models with 5 doors
- *4 For models with 4 doors



Fuel gauge sender, Fuel delivery unit, Fuel gauge sender 2,
Control unit in dash panel insert

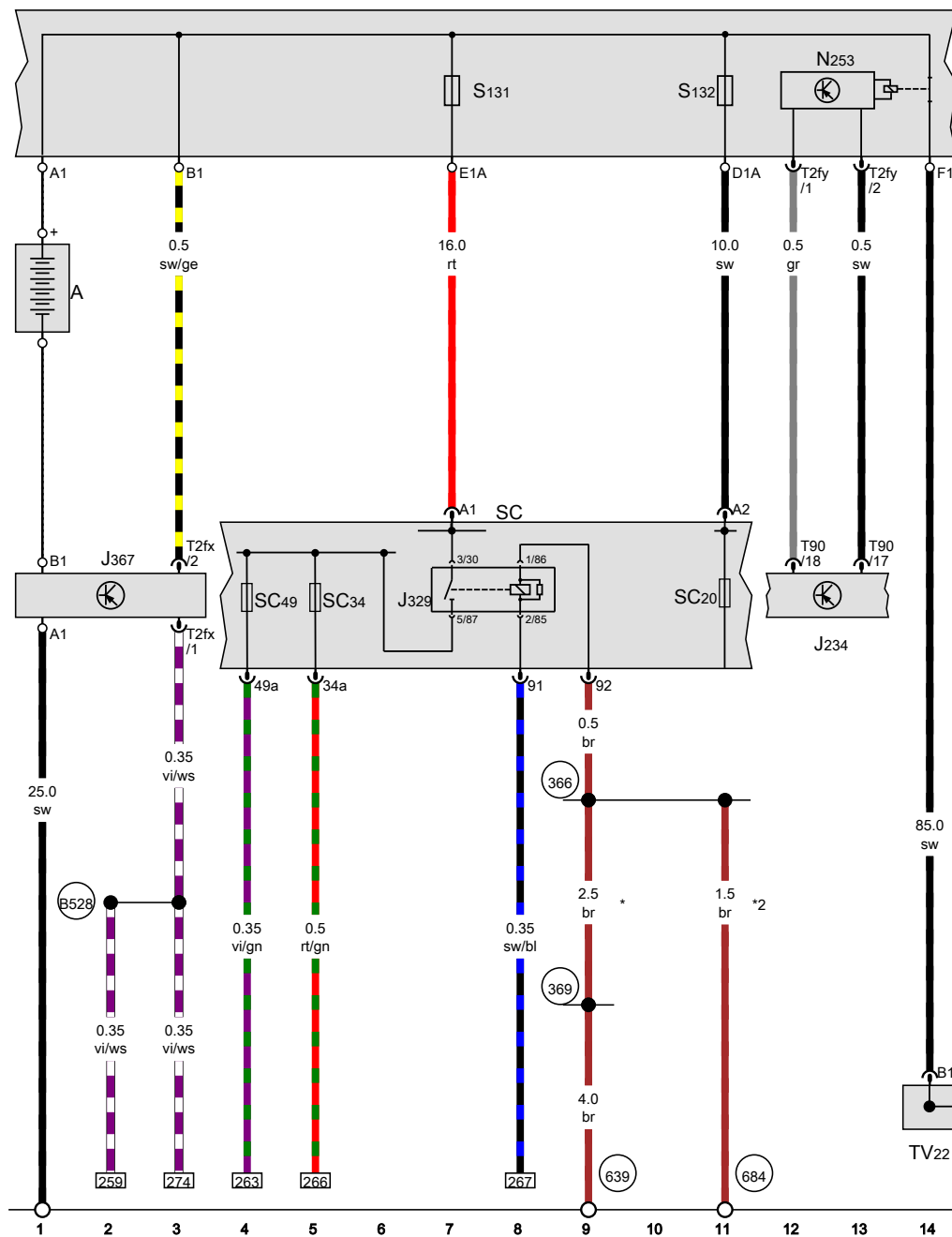
- G Fuel gauge sender
- GX1 Fuel delivery unit
- G169 Fuel gauge sender 2
- J285 Control unit in dash panel insert
- T6b 6-pin connector, black
- * see applicable current flow diagram for dash panel insert

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18VA-1920304171

2.5l petrol engine , DNWA

From October 2018



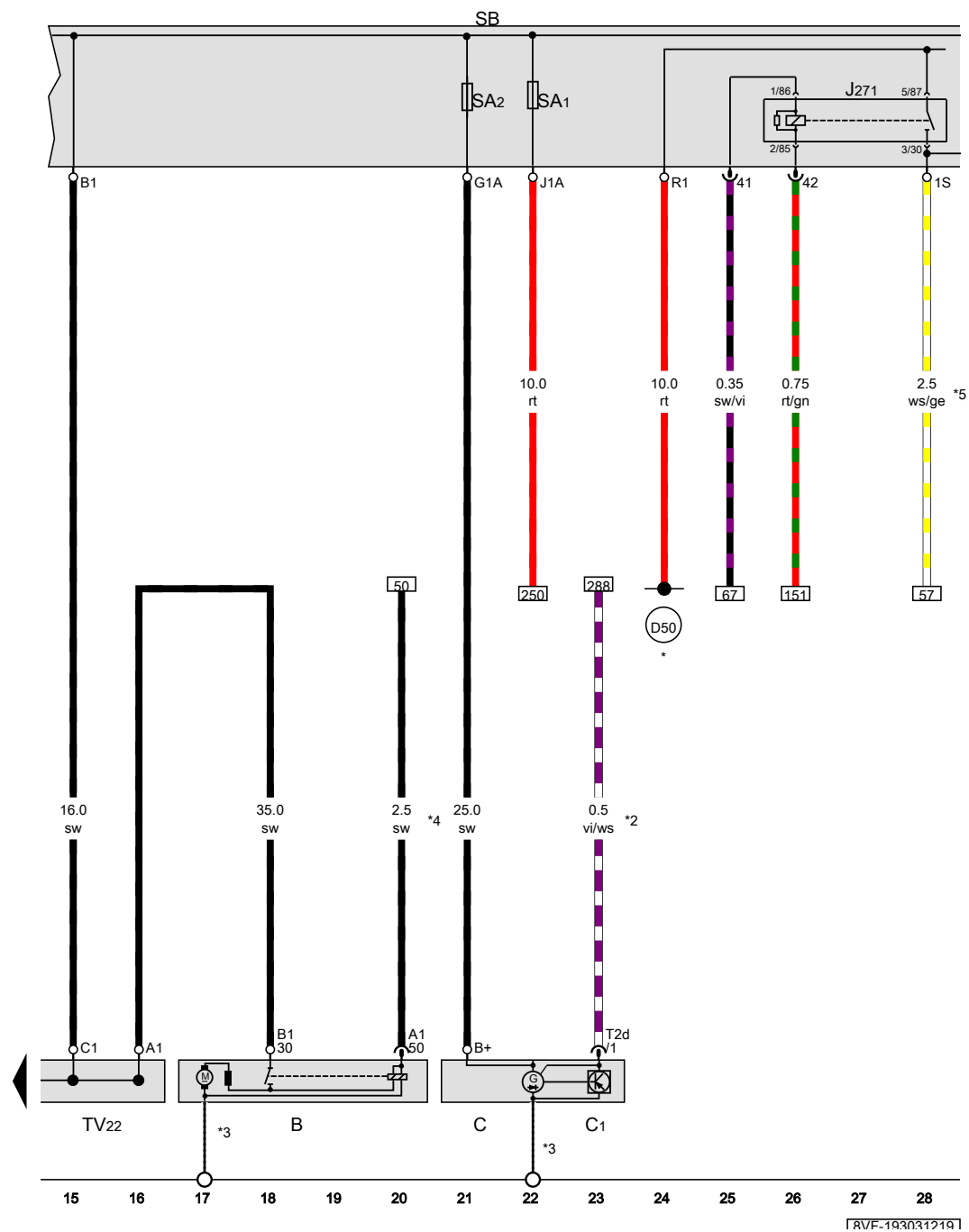
Battery, Battery monitor control unit, Battery isolation igniter, Fuse holder C

- A Battery
- J234 Airbag control unit
- J329 Terminal 15 voltage supply relay
- J367 Battery monitor control unit
- N253 Battery isolation igniter, near battery
- S131 Fuse 1
- S132 Fuse 2
- SC Fuse holder C
- SC20 Fuse 20 on fuse holder C
- SC34 Fuse 34 on fuse holder C
- SC49 Fuse 49 on fuse holder C
- T2fx 2-pin connector, yellow
- T2fy 2-pin connector
- TV22 Terminal 30 wiring junction 2
- T90 90-pin connector, yellow

- 366 Earth connection 1, in main wiring harness
- 369 Earth connection 4, in main wiring harness
- 639 Earth point, left A-pillar
- 684 Earth point on front of left side member
- B528 Connection 1 (LIN bus) in main wiring harness

- * For left-hand drive models
- *2 For right-hand drive models

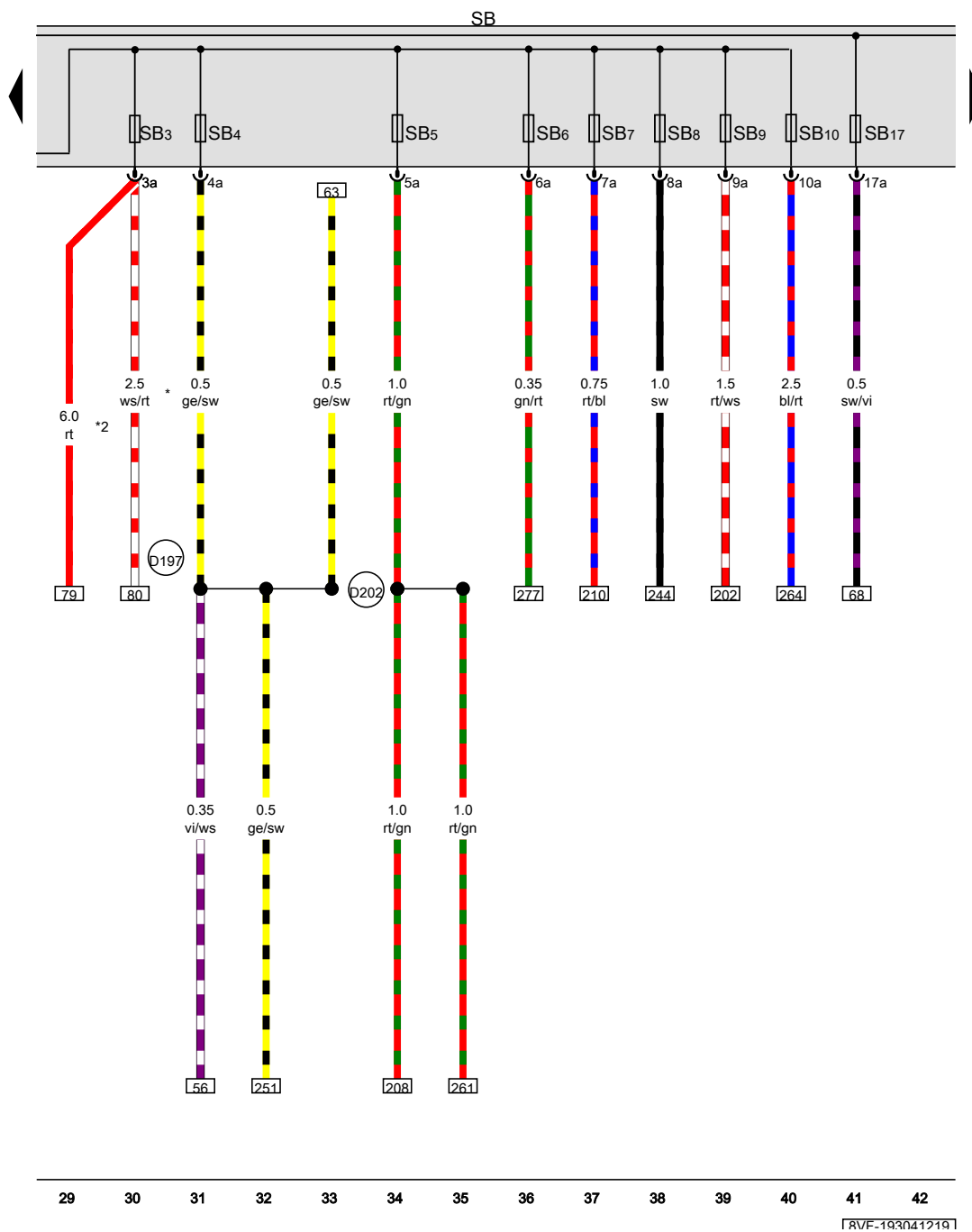
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Starter, Alternator, Main relay, Fuse holder B

- B Starter
- C Alternator
- C1 Voltage regulator
- J271 Main relay
- SA1 Fuse 1 on fuse holder A
- SA2 Fuse 2 on fuse holder A
- SB Fuse holder B
- T2d 2-pin connector, black
- TV22 Terminal 30 wiring junction 2
- D50 Positive connection (30), in engine compartment wiring harness
- * see applicable current flow diagram for battery
- *2 Data bus wire (LIN bus)
- *3 Earth supply via housing
- *4 Different wire colour possible
- *5 gradual introduction

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Fuse holder B

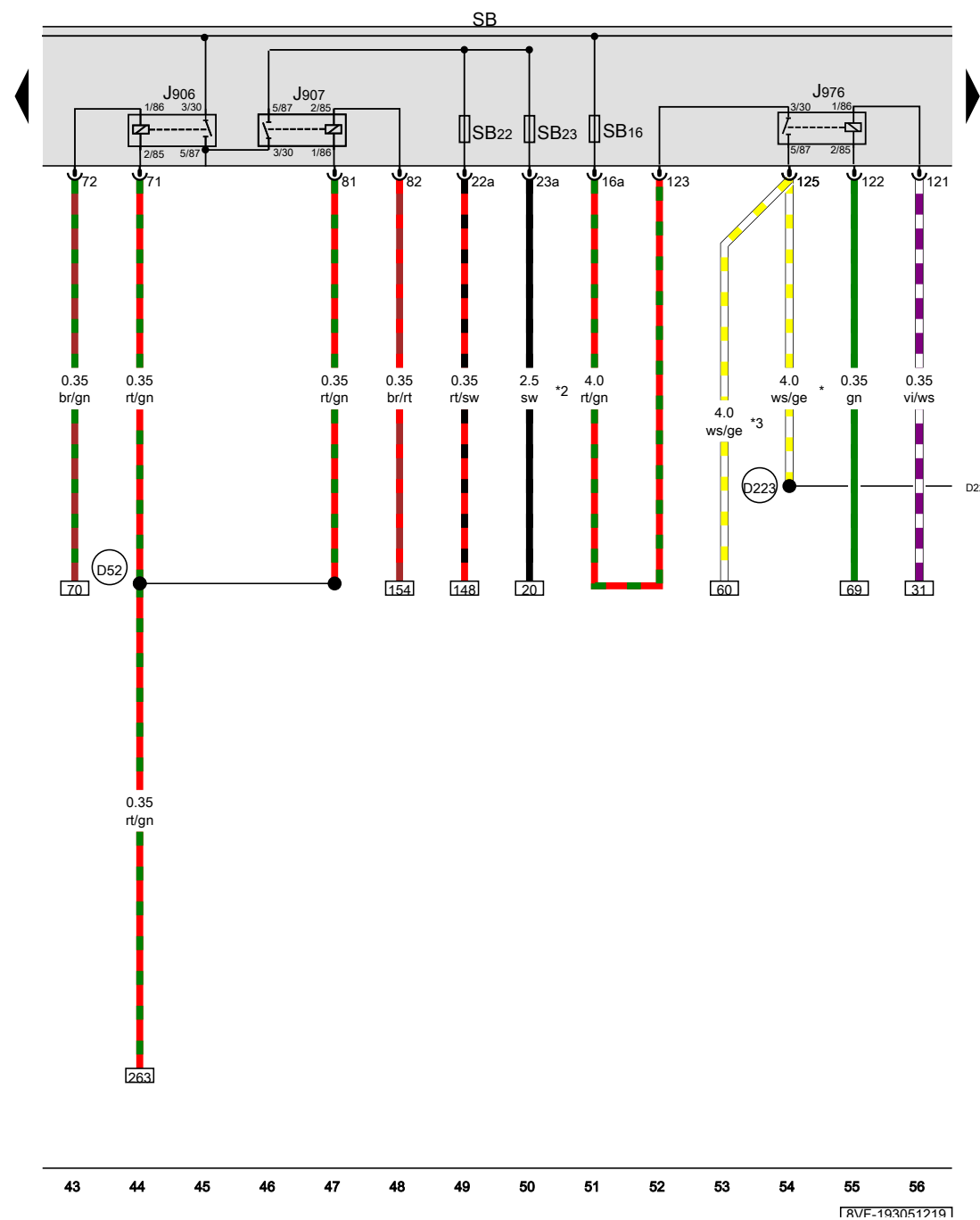
- SB Fuse holder B
- SB3 Fuse 3 on fuse holder B
- SB4 Fuse 4 on fuse holder B
- SB5 Fuse 5 on fuse holder B
- SB6 Fuse 6 on fuse holder B
- SB7 Fuse 7 on fuse holder B
- SB8 Fuse 8 on fuse holder B
- SB9 Fuse 9 on fuse holder B
- SB10 Fuse 10 on fuse holder B
- SB17 Fuse 17 on fuse holder B

D197 Connection 5 (87a), in engine compartment wiring harness

D202 Connection 6 (87a), in engine compartment wiring harness

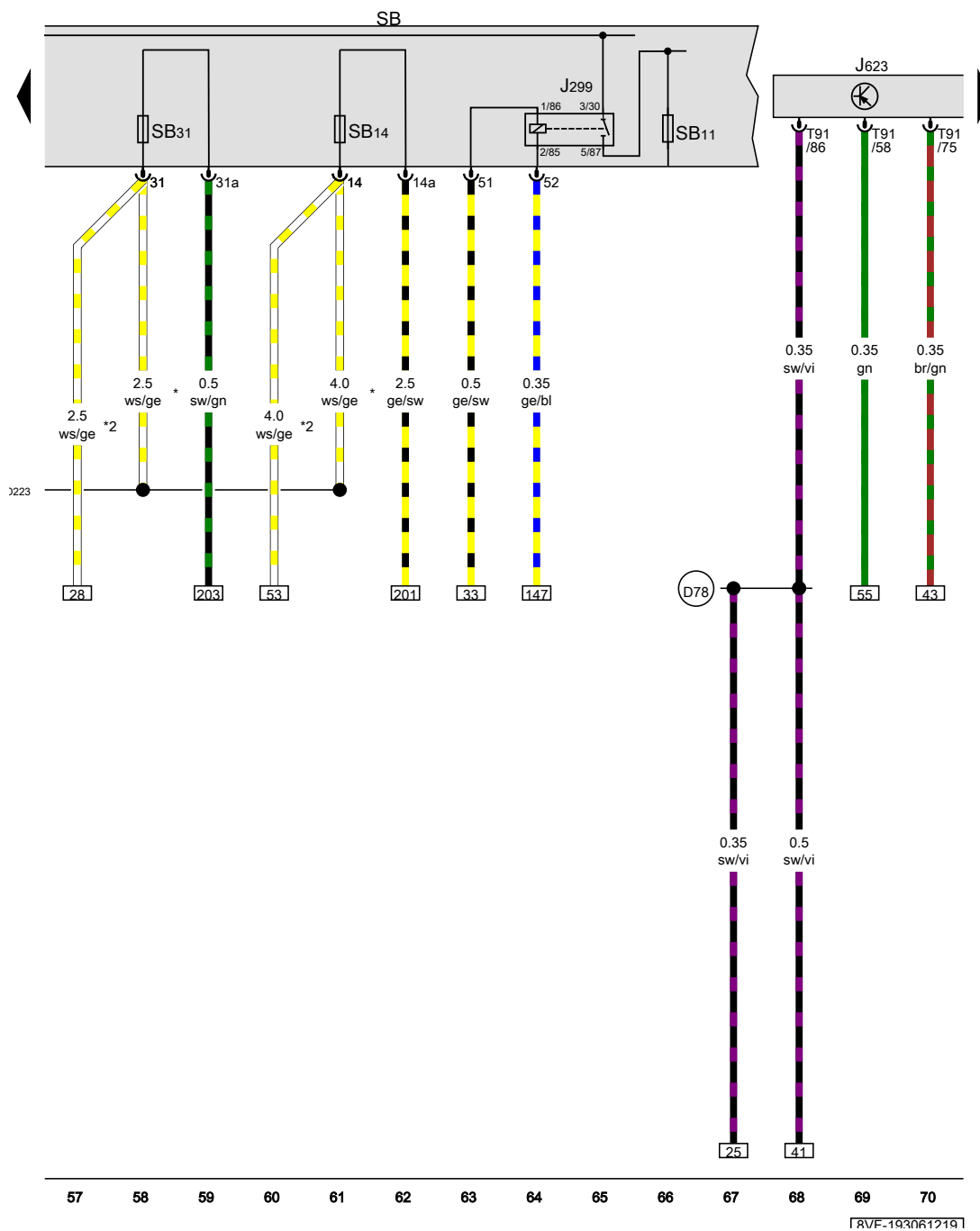
- * Gradually discontinued
- *2 gradual introduction

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Starter relay 1, Starter relay 2, Engine component current supply relay 2, Fuse holder B

- J906 Starter relay 1
- J907 Starter relay 2
- J976 Engine component current supply relay 2
- SB Fuse holder B
- SB16 Fuse 16 on fuse holder B
- SB22 Fuse 22 on fuse holder B
- SB23 Fuse 23 on fuse holder B
- D52 Positive connection (15a), in engine compartment wiring harness
- D223 Connection 11 (87a), in engine compartment wiring harness
- * Gradually discontinued
- *2 Different wire colour possible
- *3 gradual introduction



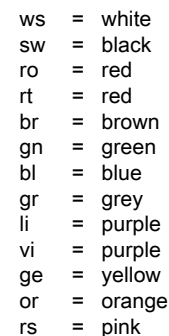
Secondary air pump relay, Engine/motor control unit, Fuse holder B

- J299 Secondary air pump relay
- J623 Engine/motor control unit
- SB Fuse holder B
- SB11 Fuse 11 on fuse holder B
- SB14 Fuse 14 on fuse holder B
- SB31 Fuse 31 on fuse holder B
- T91 91-pin connector, black

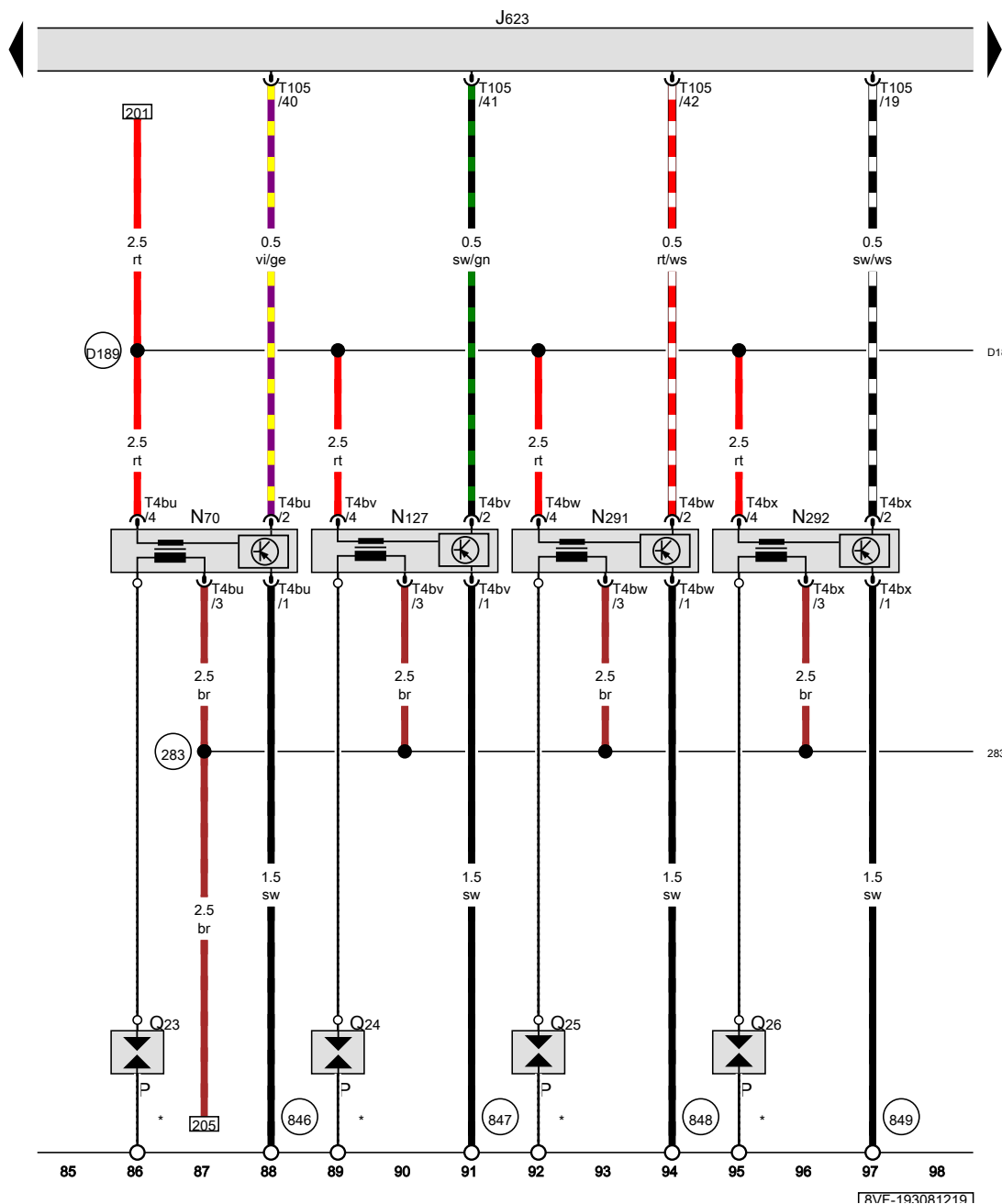
D78 Positive connection 1 (30a), in engine compartment wiring harness

D223 Connection 11 (87a), in engine compartment wiring harness

- * Gradually discontinued
- *2 gradual introduction



J623	Engine/motor control unit
T91	91-pin connector, black
209	Earth connection 6, in engine compartment wiring harness
419	Earth connection 11, in engine compartment wiring harness
671	Earth point 1, on front of left longitudinal member
D183	Connection 4 (87a), in engine compartment wiring harness
*	Gradually discontinued
*2	gradual introduction



Engine/motor control unit, Ignition coil 1 with output stage, Ignition coil 2 with output stage, Ignition coil 3 with output stage, Ignition coil 4 with output stage, Spark plug 1, Spark plug 2, Spark plug 3, Spark plug 4

J623 Engine/motor control unit
 N70 Ignition coil 1 with output stage
 N127 Ignition coil 2 with output stage
 N291 Ignition coil 3 with output stage
 N292 Ignition coil 4 with output stage
 P Spark plug connector
 Q23 Spark plug 1
 Q24 Spark plug 2
 Q25 Spark plug 3
 Q26 Spark plug 4
 T4bu 4-pin connector, black
 T4bv 4-pin connector, black
 T4bw 4-pin connector, black
 T4bx 4-pin connector, black
 T105 105-pin connector, black

283 Earth point 2, engine prewiring harness

846 Earth point on ignition coil 1

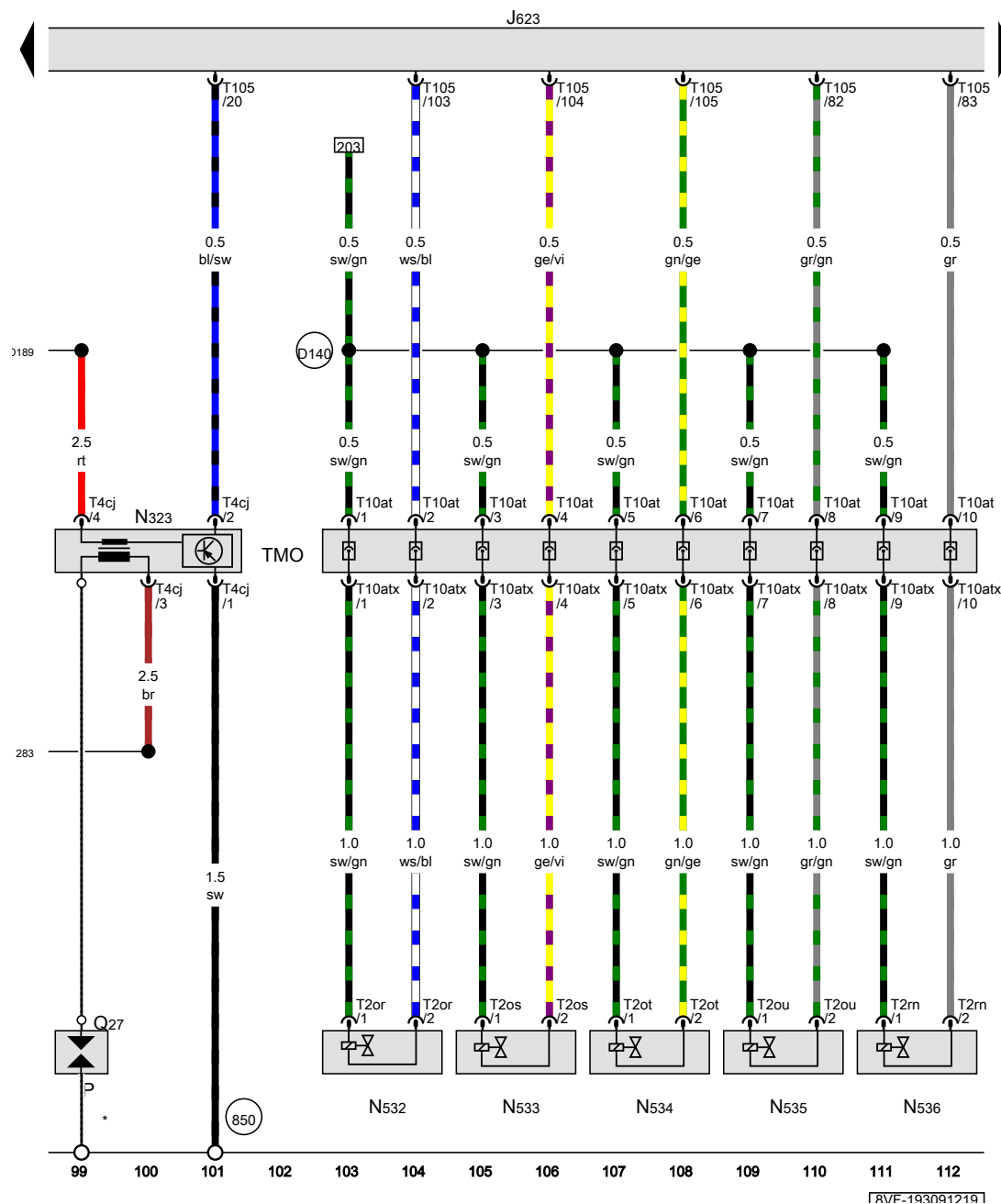
847 Earth point on ignition coil 2

848 Earth point on ignition coil 3

849 Earth point on ignition coil 4

D189 Connection (87a) in engine prewiring harness

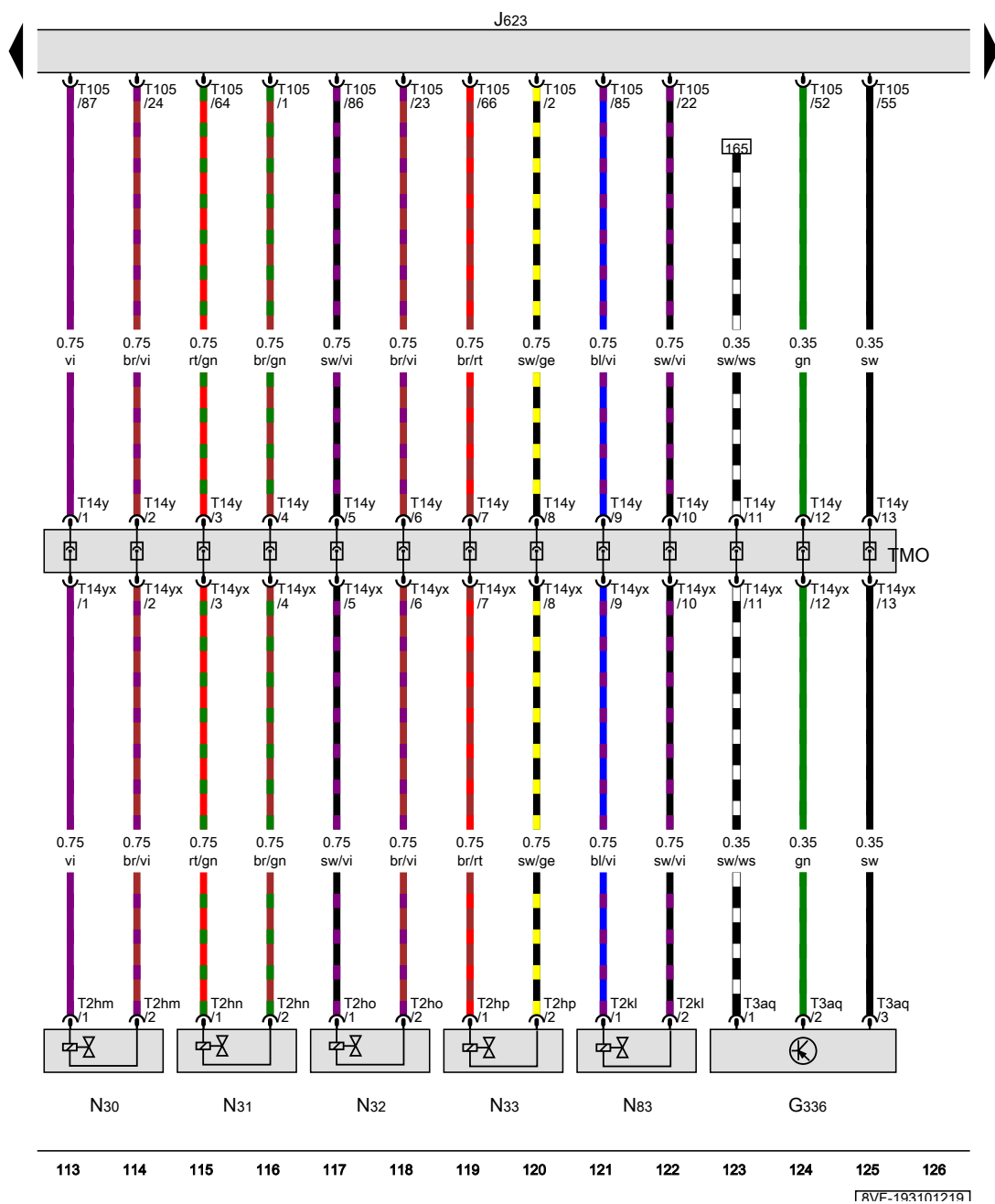
* Earth supply via housing



Engine/motor control unit, Ignition coil 5 with output stage, Injector 2, cylinder 1, Injector 2, cylinder 2, Injector 2, cylinder 3, Injector 2, cylinder 4, Injector 2, cylinder 5, Spark plug 5, Coupling point on engine, top

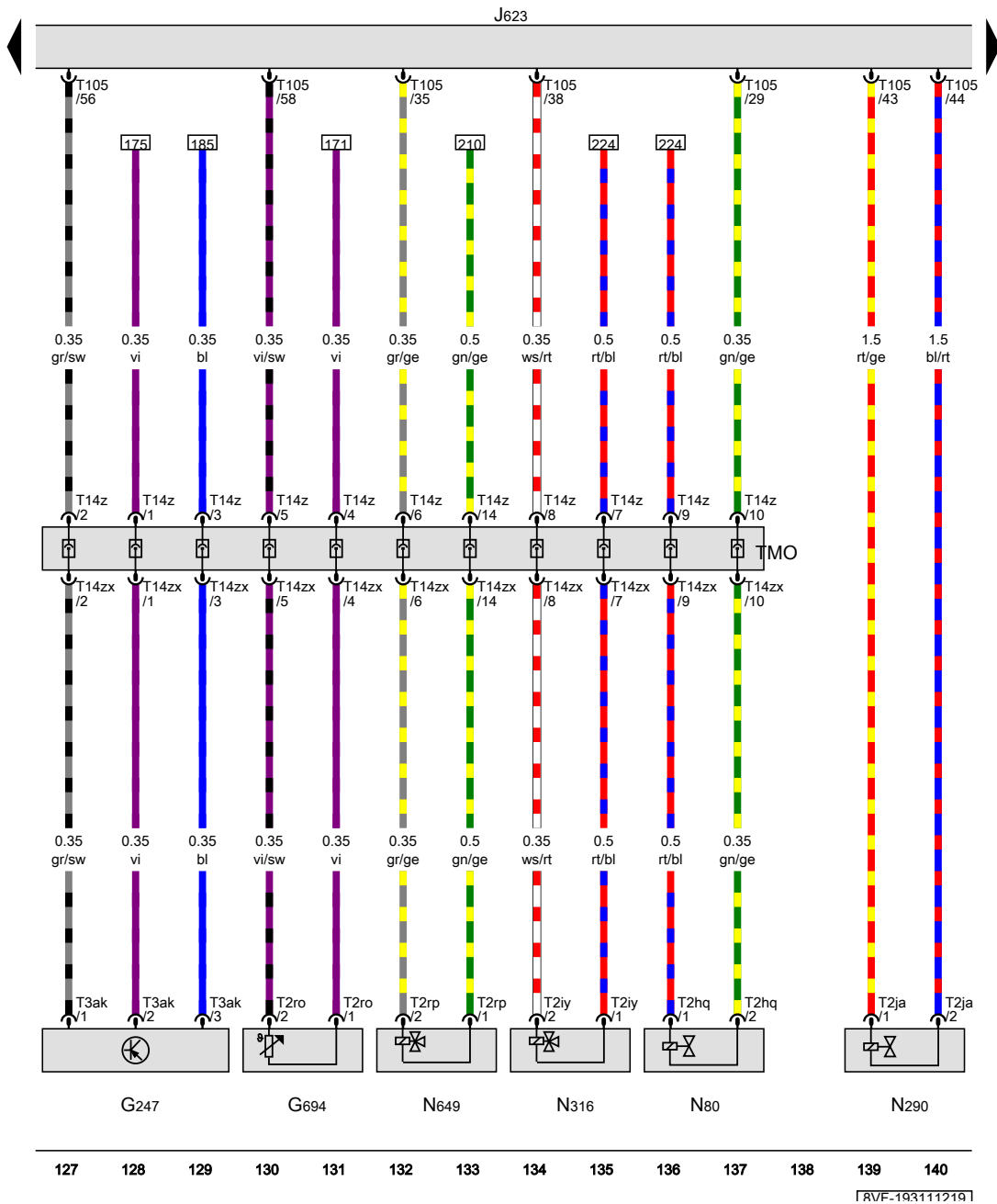
- J623 Engine/motor control unit
- N323 Ignition coil 5 with output stage
- N532 Injector 2, cylinder 1
- N533 Injector 2, cylinder 2
- N534 Injector 2, cylinder 3
- N535 Injector 2, cylinder 4
- N536 Injector 2, cylinder 5
- P Spark plug connector
- Q27 Spark plug 5
- T2or 2-pin connector, black
- T2os 2-pin connector, black
- T2ot 2-pin connector, black
- T2ou 2-pin connector, black
- T2rn 2-pin connector, black
- T4cj 4-pin connector, black
- T10at 10-pin connector, black
- T10atx 10-pin connector, black
- T105 105-pin connector, black
- TMO Coupling point on engine, top

- 283 Earth point 2, engine prewiring harness
- 850 Earth point on ignition coil 5
- D140 Connection (injectors), in engine prewiring harness
- D189 Connection (87a) in engine prewiring harness
- * Earth supply via housing



Intake manifold flap potentiometer, Engine/motor control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4, Injector, cylinder 5

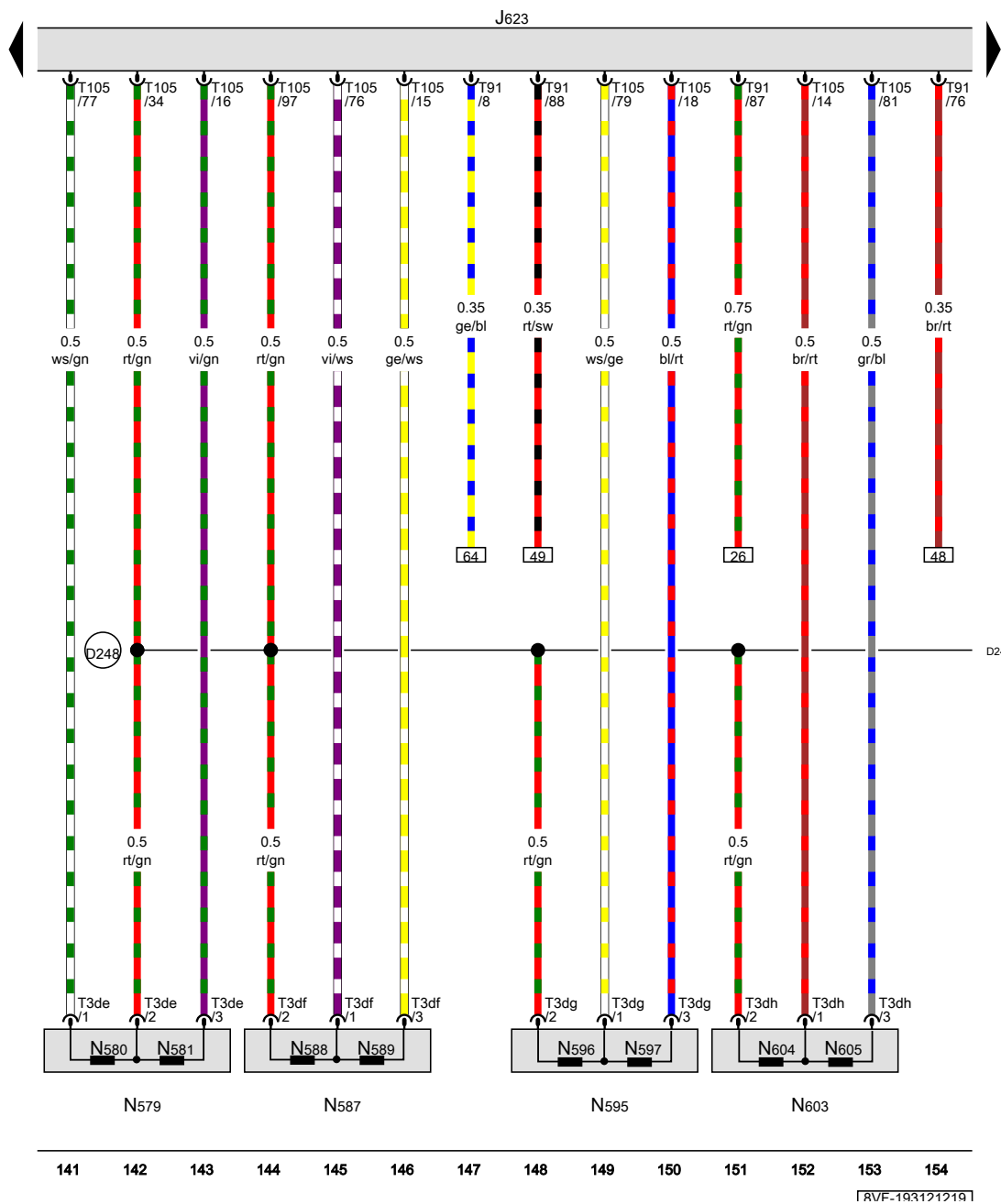
- G336 Intake manifold flap potentiometer
- J623 Engine/motor control unit
- N30 Injector, cylinder 1
- N31 Injector, cylinder 2
- N32 Injector, cylinder 3
- N33 Injector, cylinder 4
- N83 Injector, cylinder 5
- T2hm 2-pin connector, black
- T2hn 2-pin connector, black
- T2ho 2-pin connector, black
- T2hp 2-pin connector, black
- T2kl 2-pin connector, black
- T3aq 3-pin connector, black
- T14y 14-pin connector, brown
- T14yx 14-pin connector, brown
- T105 105-pin connector, black
- TMO Coupling point on engine, top



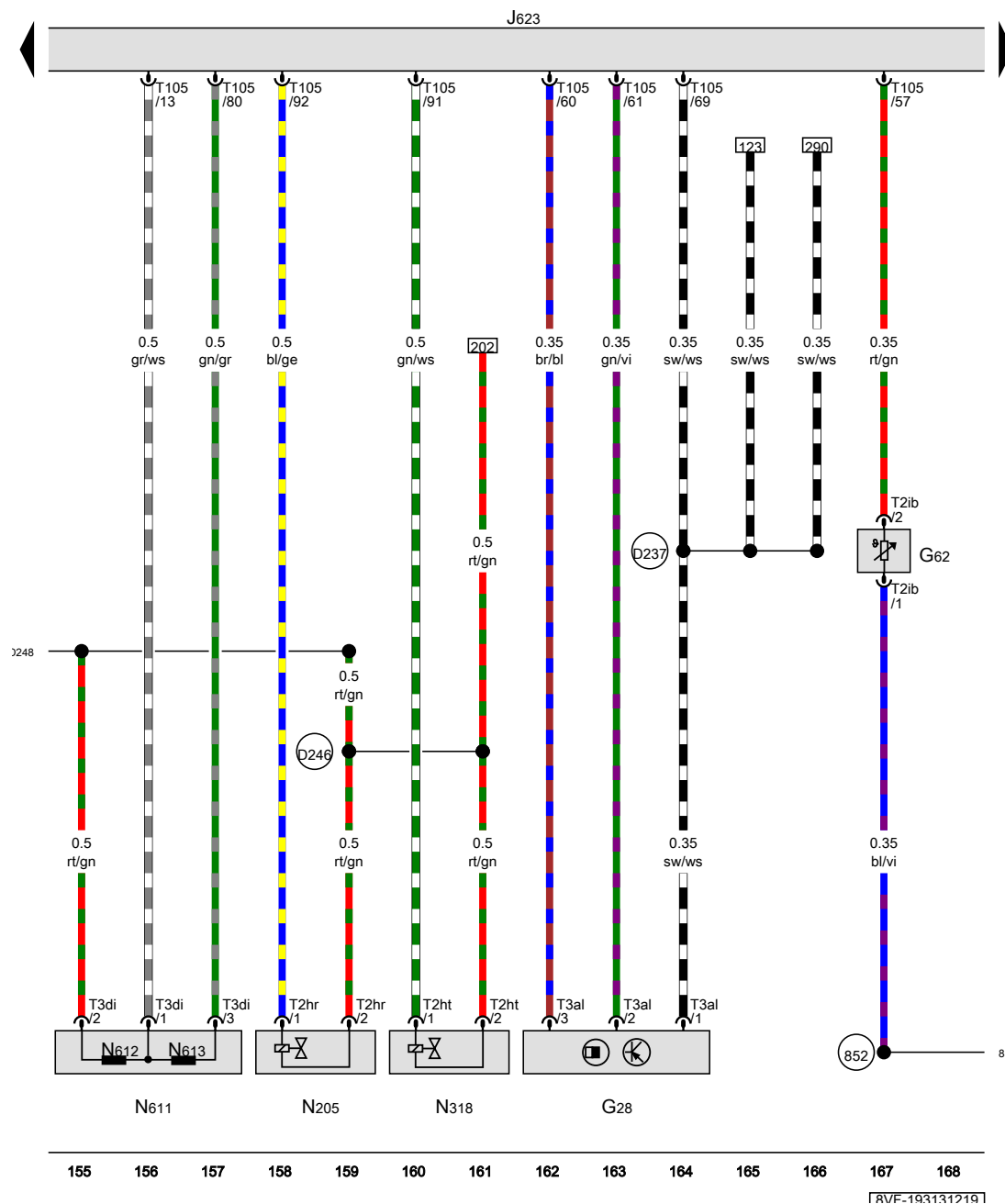
Fuel pressure sender, Temperature sender for engine temperature regulation, Engine/motor control unit, Activated charcoal filter solenoid valve 1, Fuel metering valve, Intake manifold flap valve, Switch valve for mechanical coolant pump

- G247 Fuel pressure sender
- G694 Temperature sender for engine temperature regulation
- J623 Engine/motor control unit
- N80 Activated charcoal filter solenoid valve 1
- N290 Fuel metering valve
- N316 Intake manifold flap valve
- N649 Switch valve for mechanical coolant pump
- T2hq 2-pin connector, black
- T2iy 2-pin connector, black
- T2ja 2-pin connector, black
- T2ro 2-pin connector, black
- T2rp 2-pin connector, black
- T3ak 3-pin connector, black
- T14z 14-pin connector, black
- T14zx 14-pin connector, black
- T105 105-pin connector, black
- TMO Coupling point on engine, top

Engine/motor control unit, Exhaust cam actuator for cylinder 1, Exhaust cam actuator for cylinder 2, Exhaust cam actuator for cylinder 3, Exhaust cam actuator for cylinder 4



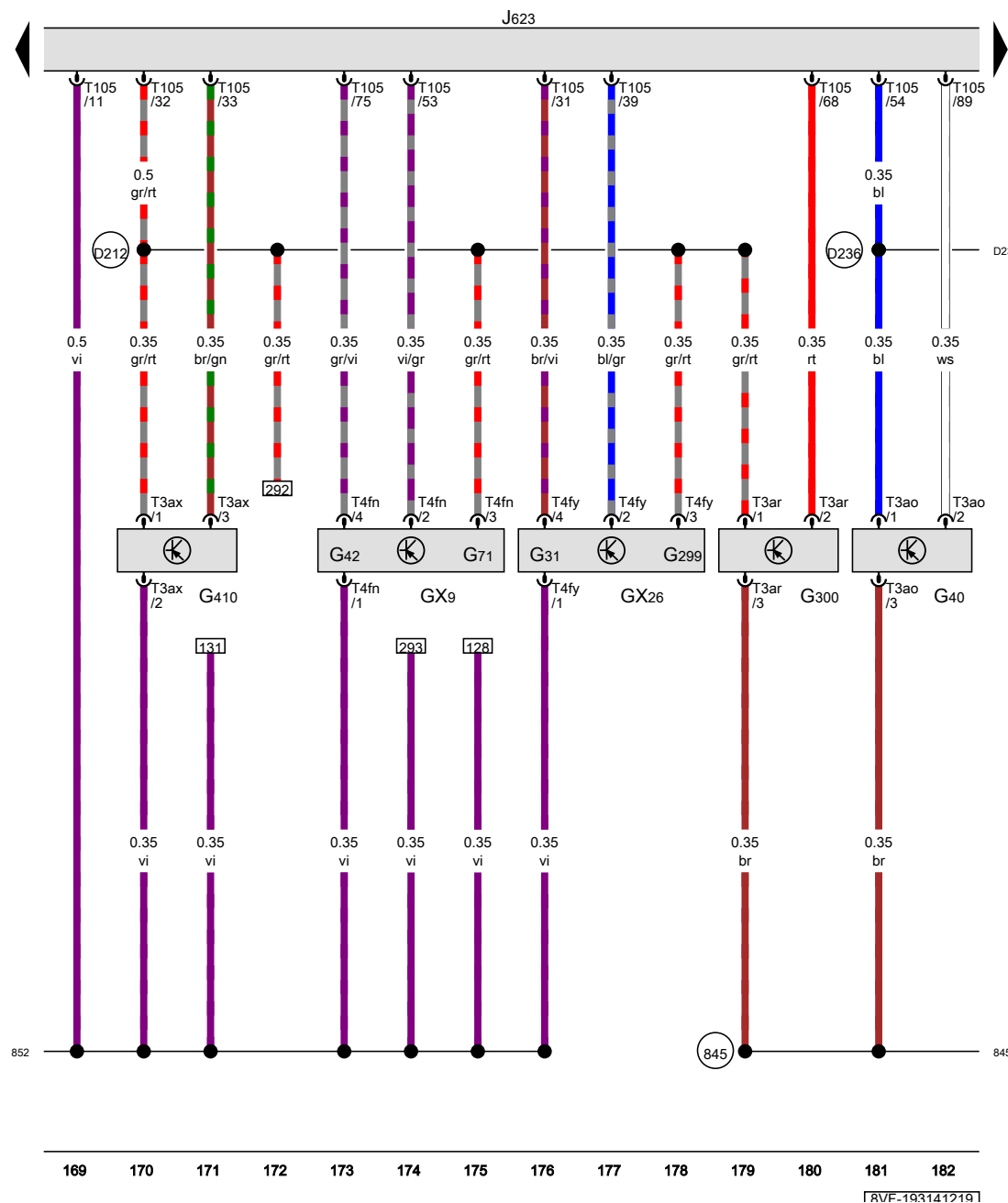
- J623 Engine/motor control unit
- N579 Exhaust cam actuator for cylinder 1
- N580 Exhaust cam actuator A for cylinder 1
- N581 Exhaust cam actuator B for cylinder 1
- N587 Exhaust cam actuator for cylinder 2
- N588 Exhaust cam actuator A for cylinder 2
- N589 Exhaust cam actuator B for cylinder 2
- N595 Exhaust cam actuator for cylinder 3
- N596 Exhaust cam actuator A for cylinder 3
- N597 Exhaust cam actuator B for cylinder 3
- N603 Exhaust cam actuator for cylinder 4
- N604 Exhaust cam actuator A for cylinder 4
- N605 Exhaust cam actuator B for cylinder 4
- T3de 3-pin connector, black
- T3df 3-pin connector, black
- T3dg 3-pin connector, black
- T3dh 3-pin connector, black
- T91 91-pin connector, black
- T105 105-pin connector, black
- D248 Connection 9 (87a) in engine prewiring harness



Engine speed sender, Coolant temperature sender, Engine/motor control unit, Camshaft control valve 1, Exhaust camshaft control valve 1, Exhaust cam actuator for cylinder 5

- G28 Engine speed sender
- G62 Coolant temperature sender
- J623 Engine/motor control unit
- N205 Camshaft control valve 1
- N318 Exhaust camshaft control valve 1
- N611 Exhaust cam actuator for cylinder 5
- N612 Exhaust cam actuator A for cylinder 5
- N613 Exhaust cam actuator B for cylinder 5
- T2hr 2-pin connector, black
- T2ht 2-pin connector, black
- T2ib 2-pin connector, black
- T3al 3-pin connector, black
- T3di 3-pin connector, black
- T105 105-pin connector, black

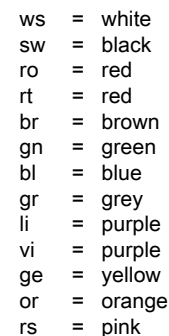
- 852 Earth point 15, engine prewiring harness
- D237 Connection 6 (5V) in engine prewiring harness
- D246 Connection 7 (87a) in engine prewiring harness
- D248 Connection 9 (87a) in engine prewiring harness



Intake manifold sender, Charge pressure sender, Hall sender, Hall sender 3, Fuel pressure sender for low pressure, Engine/motor control unit

- GX9 Intake manifold sender
- GX26 Charge pressure sender
- G31 Charge pressure sender
- G40 Hall sender
- G42 Intake air temperature sender
- G71 Intake manifold pressure sender
- G299 Intake air temperature sender 2
- G300 Hall sender 3
- G410 Fuel pressure sender for low pressure
- J623 Engine/motor control unit
- T3ao 3-pin connector, black
- T3ar 3-pin connector, black
- T3ax 3-pin connector, blue
- T4fn 4-pin connector, black
- T4fy 4-pin connector, black
- T105 105-pin connector, black

- 845 Earth point 8, engine prewiring harness
- 852 Earth point 15, engine prewiring harness
- D212 Connection 4 (5V) in engine prewiring harness
- D236 Connection 5 (5V) in engine prewiring harness



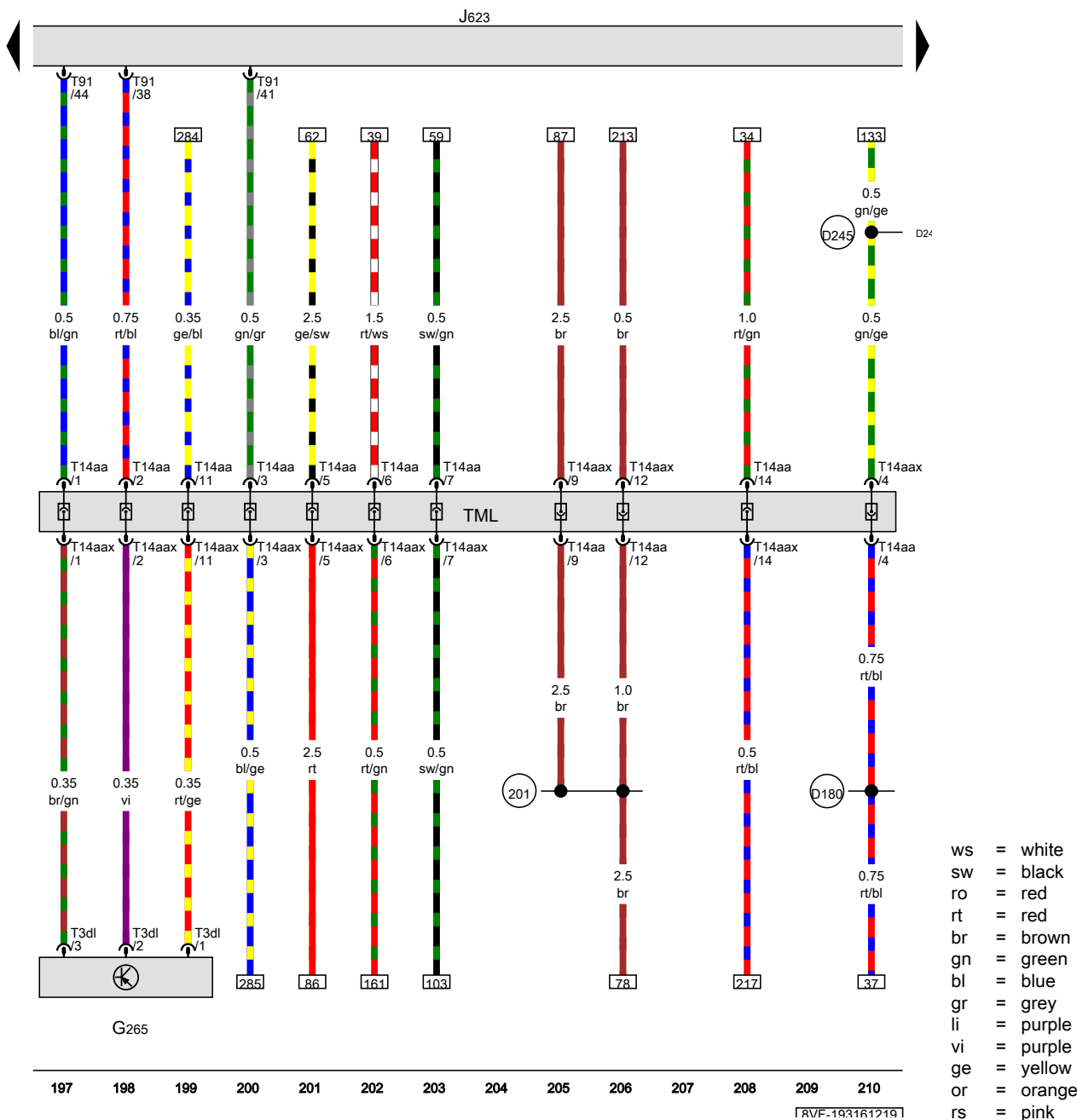
G10	Oil pressure sender
G61	Knock sensor 1
G66	Knock sensor 2
J623	Engine/motor control unit
J883	Exhaust flap control unit
J945	Exhaust flap control unit 2
N428	Valve for oil pressure control
T2hs	2-pin connector, black
T2if	2-pin connector, black
T2rr	2-pin connector, black
T3db	3-pin connector, black
T4fu	4-pin connector, black
T4fv	4-pin connector, black
T105	105-pin connector, black

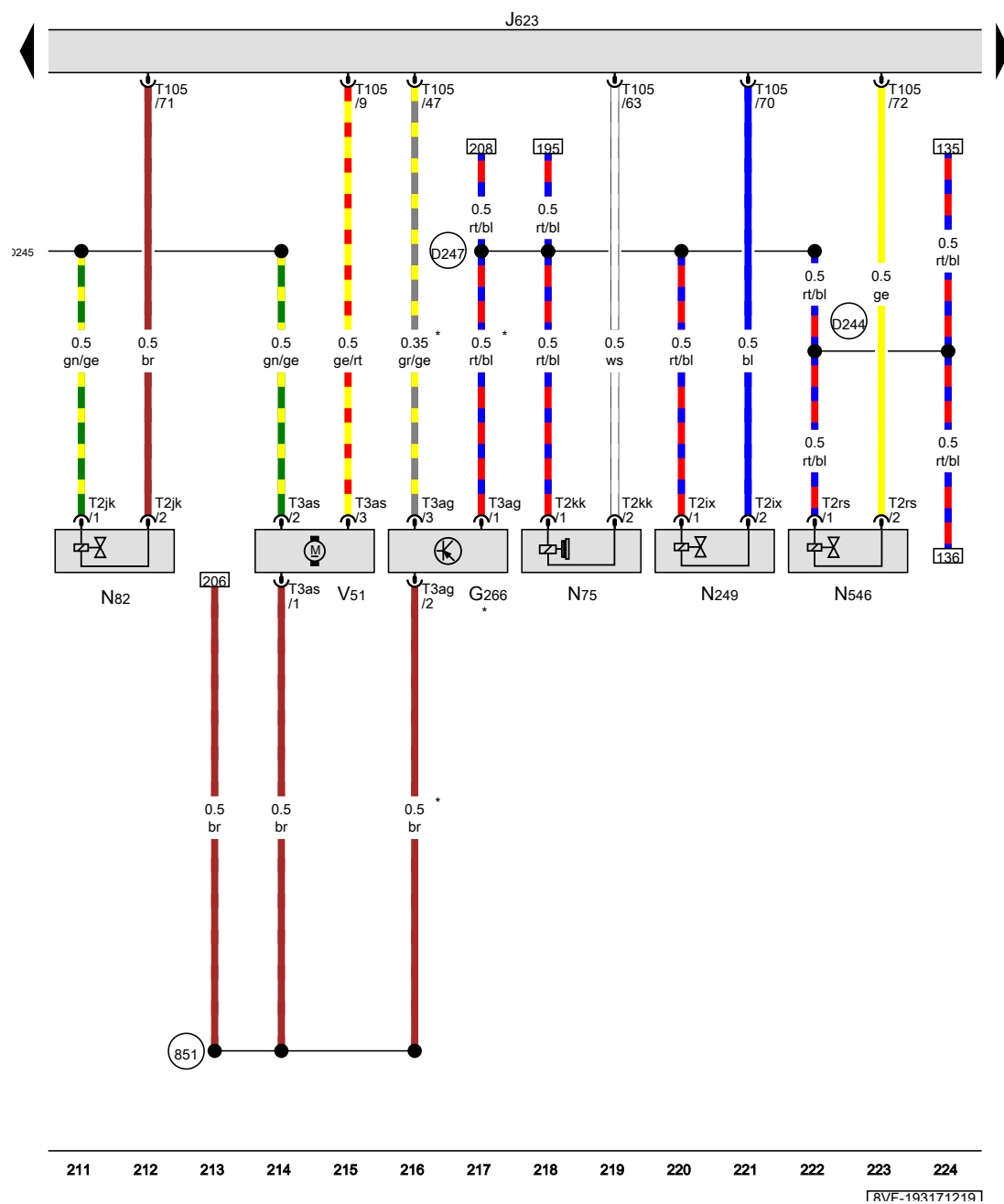
- 50 Earth point, on left in luggage compartment
 - 51 Earth point, on right in luggage compartment
 - 57 Earth point, rear left pillar
 - 75 Earth point, rear right pillar
 - 374 Earth connection 9, in main wiring harness
 - 378 Earth connection 13, in main wiring harness
 - 386 Earth connection 21, in main wiring harness
 - 845 Earth point 8, engine prewiring harness
 - B350 Positive connection 1 (87a) in main wiring harness
 - D236 Connection 5 (5V) in engine prewiring harness
- * Pre-wired component
- *2 For models with 5 doors
- *3 For models with 4 doors

Intermediate shaft speed sender, Engine/motor control unit

- G265 Intermediate shaft speed sender
- J623 Engine/motor control unit
- T3dl 3-pin connector, black
- T14aa 14-pin connector, black
- T14aax 14-pin connector, black
- T91 91-pin connector, black
- TML Coupling point in engine compartment, left

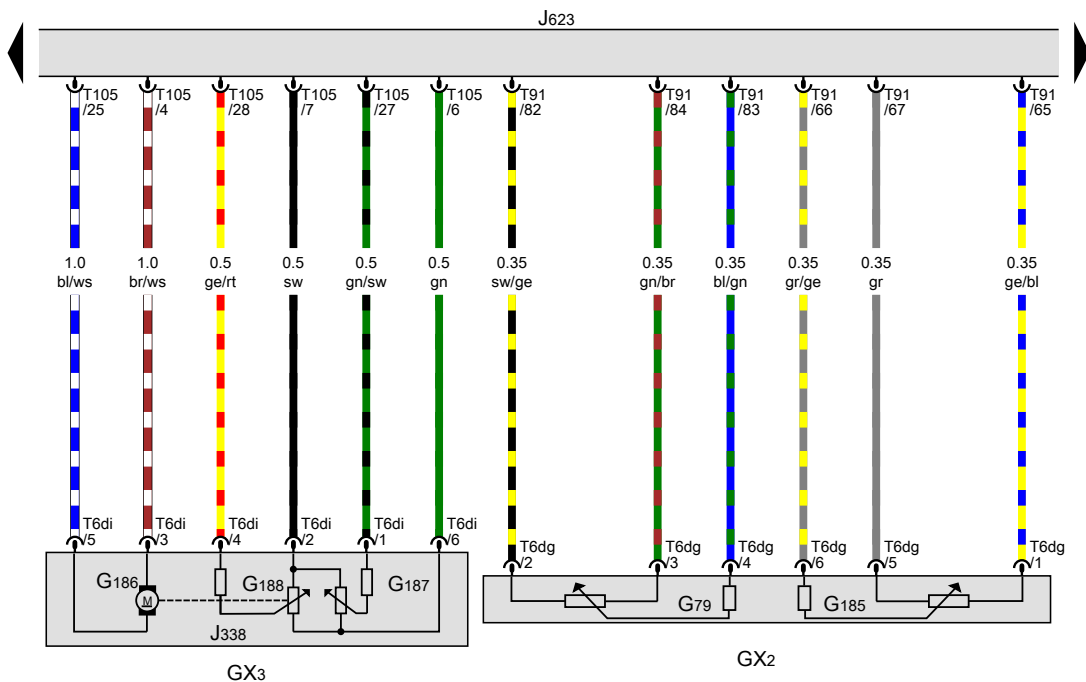
- 201 Earth connection 5, in engine compartment wiring harness
- D180 Connection (87a), in engine compartment wiring harness
- D245 Connection 6 (87a) in engine prewiring harness





Oil level and oil temperature sender, Engine/motor control unit, Charge pressure control solenoid valve, Coolant shut-off valve, Turbocharger air recirculation valve, Crankcase breather valve, Continued coolant circulation pump

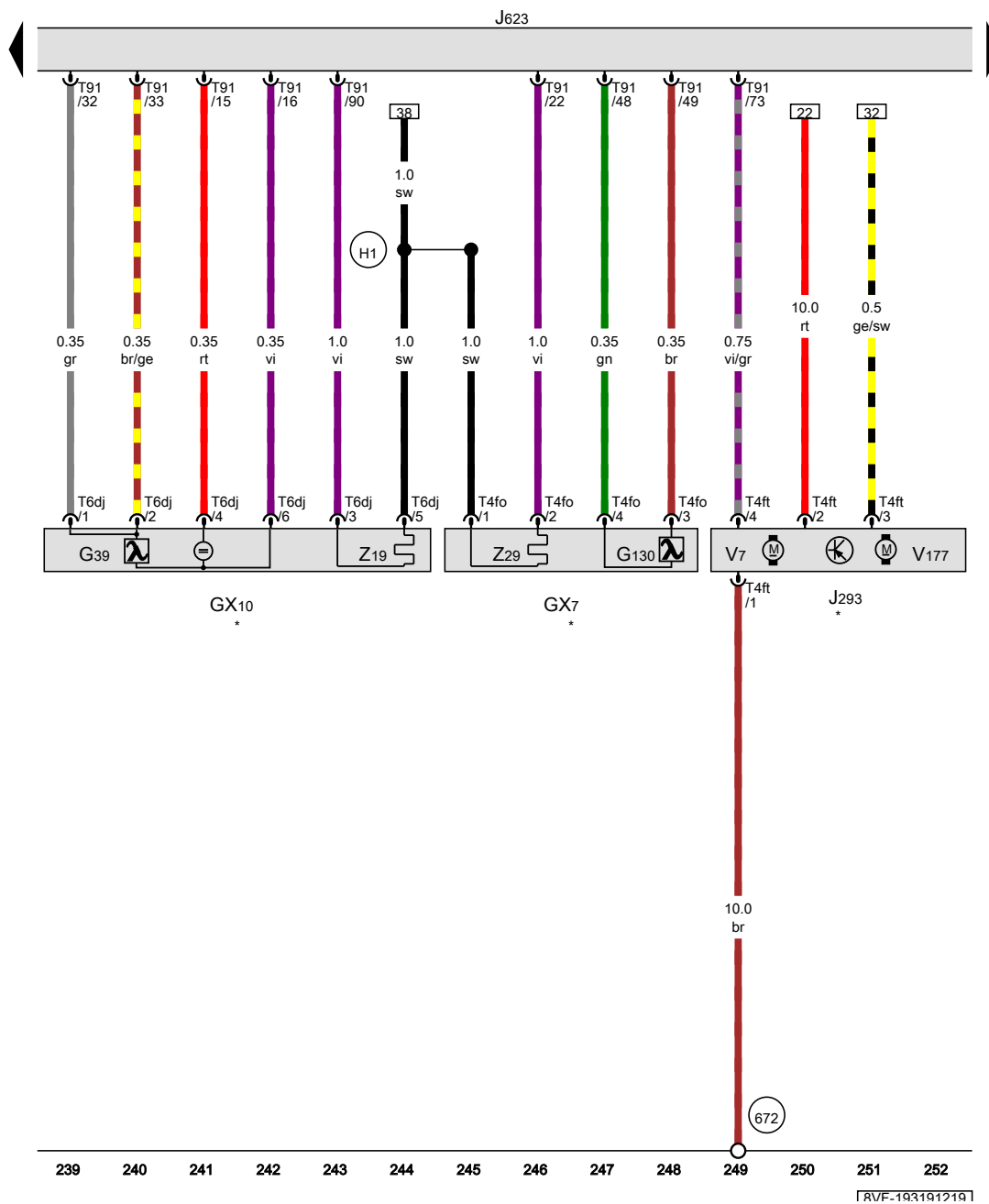
- G266 Oil level and oil temperature sender
- J623 Engine/motor control unit
- N75 Charge pressure control solenoid valve
- N82 Coolant shut-off valve
- N249 Turbocharger air recirculation valve
- N546 Crankcase breather valve
- T2ix 2-pin connector, black
- T2jk 2-pin connector, brown
- T2kk 2-pin connector, black
- T2rs 2-pin connector, black
- T3ag 3-pin connector, black
- T3as 3-pin connector, black
- T105 105-pin connector, black
- V51 Continued coolant circulation pump
- 851 Earth point 14, engine prewiring harness
- D244 Connection 5 (87a) in engine prewiring harness
- D245 Connection 6 (87a) in engine prewiring harness
- D247 Connection 8 (87a) in engine prewiring harness
- * For models with extended service intervals (ESI)



Accelerator pedal module, Throttle valve module, Engine/ motor control unit

- GX2 Accelerator pedal module
- GX3 Throttle valve module
- G79 Accelerator position sender
- G185 Accelerator position sender 2
- G186 Throttle valve drive for electric throttle
- G187 Throttle valve drive angle sender 1 for electric throttle
- G188 Throttle valve drive angle sender 2 for electric throttle
- J338 Throttle valve module
- J623 Engine/motor control unit
- T6dg 6-pin connector, black
- T6di 6-pin connector, black
- T91 91-pin connector, black
- T105 105-pin connector, black

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



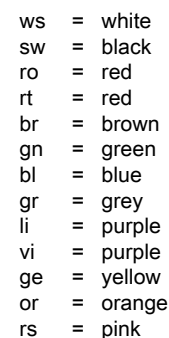
Lambda probe 1 after catalytic converter, Lambda probe 1 before catalytic converter, Engine/motor control unit, Radiator fan

- GX7 Lambda probe 1 after catalytic converter
- GX10 Lambda probe 1 before catalytic converter
- G39 Lambda probe
- G130 Lambda probe after catalytic converter
- J293 Radiator fan control unit
- J623 Engine/motor control unit
- T4fo 4-pin connector, black
- T4ft 4-pin connector, black
- T6dj 6-pin connector, black
- T91 91-pin connector, black
- V7 Radiator fan
- V177 Radiator fan 2
- Z19 Lambda probe heater
- Z29 Lambda probe 1 heater after catalytic converter

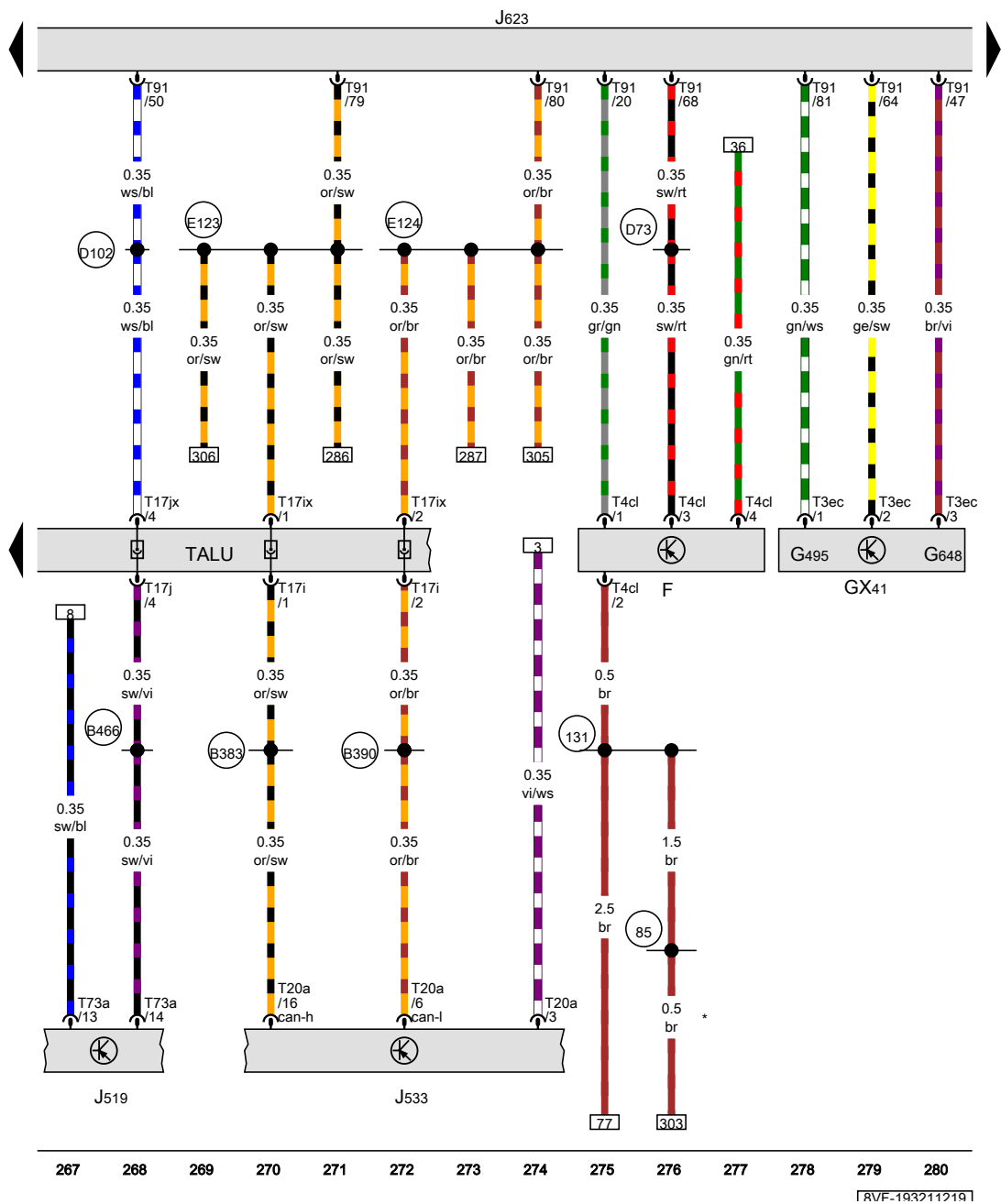
672 Earth point 2, on front of left longitudinal member

H1 Positive connection, in Lambda wiring harness

* Pre-wired component



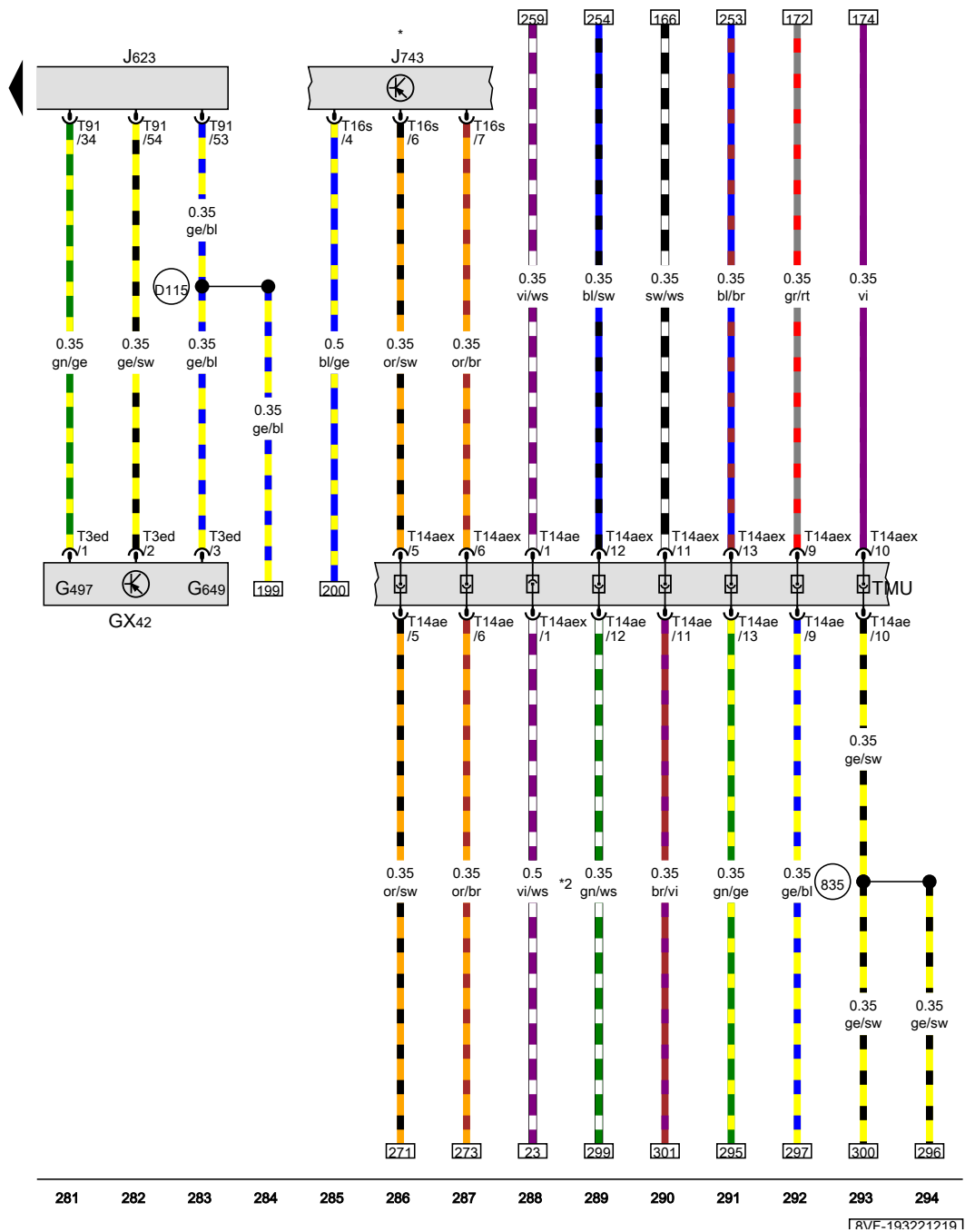
D	Ignition/starter switch
J518	Entry and start authorisation control unit
J527	Steering column electronics control unit
J623	Engine/motor control unit
T14ac	14-pin connector, black
T16v	16-pin connector, black
T17h	17-pin connector, red
T17hx	17-pin connector, red
T17i	17-pin connector, black
T17ix	17-pin connector, black
T40a	40-pin connector, black
T91	91-pin connector, black
T105	105-pin connector, black
TALU	Coupling point on left A-pillar, bottom
B278	Positive connection 2 (15a) in main wiring harness
D136	Positive connection 2 (15a), in engine compartment wiring harness
D218	Connection 1 (LIN bus) in engine compartment wiring harness
*1	For models with entry and start authorisation
*2	For models with cruise control system (CCS)
*3	For models with no heated steering wheel
*4	see applicable current flow diagram for entry and start authorisation
*5	For models with heated steering wheel
*6	see applicable current flow diagram for steering column electronics



Brake light switch, Dual exhaust gas temperature sensor 1, Onboard supply control unit, Data bus diagnostic interface, Engine/motor control unit

- F Brake light switch
- GX41 Dual exhaust gas temperature sensor 1
- G495 Exhaust gas temperature sender 3
- G648 Exhaust gas temperature sender 4
- J519 Onboard supply control unit
- J533 Data bus diagnostic interface
- J623 Engine/motor control unit
- T3ec 3-pin connector, black
- T4cl 4-pin connector, black
- T17i 17-pin connector, black
- T17ix 17-pin connector, black
- T17j 17-pin connector, brown
- T17jx 17-pin connector, brown
- T20a 20-pin connector, red
- T73a 73-pin connector, black
- T91 91-pin connector, black
- TALU Coupling point on left A-pillar, bottom
- 85 Earth connection 1, in engine compartment wiring harness
- 131 Earth connection 2, in engine compartment wiring harness
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- B466 Connection 2, in main wiring harness
- D73 Positive connection (54), in engine compartment wiring harness
- D102 Connection 2 in engine compartment wiring harness
- E123 Connection 1 (powertrain CAN bus, high), in engine wiring harness
- E124 Connection 1 (powertrain CAN bus, low), in engine wiring harness
- * For right-hand drive models

ws = white
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Dual exhaust gas temperature sensor 2, Engine/motor control unit, Mechatronic unit for dual clutch gearbox

- GX42 Dual exhaust gas temperature sensor 2
- G497 Exhaust gas temperature sender 3 for bank 2
- G649 Exhaust gas temperature sender 4 for bank 2
- J623 Engine/motor control unit
- J743 Mechatronic unit for dual clutch gearbox
- T3ed 3-pin connector, black
- T14ae 14-pin connector, black
- T14aex 14-pin connector, black
- T16s 16-pin connector, black
- T91 91-pin connector, black
- TMU Coupling point on engine, bottom

835 Earth connection 17, in engine compartment wiring harness

D115 Connection 13 in engine compartment wiring harness

* see applicable current flow diagram for dual clutch gearbox
 *2 Data bus wire (LIN bus)

Pressure differential sender for particulate filter, Pressure differential sender 2 for particulate filter, Control unit for structure-borne sound, Actuator for structure-borne sound

- G1037 Pressure differential sender for particulate filter
- G1038 Pressure differential differential sender 2 for particulate filter
- J869 Control unit for structure-borne sound
- R214 Actuator for structure-borne sound
- T2ph 2-pin connector, black
- T3dv 3-pin connector, black
- T3dvs 3-pin connector, black
- T3dw 3-pin connector, black
- T3dx 3-pin connector, black
- T3dy 3-pin connector, black
- T3dyx 3-pin connector, black
- T6ad 6-pin connector, black
- TMOL Coupling point on engine, top left
- TMOR Coupling point on engine, top right

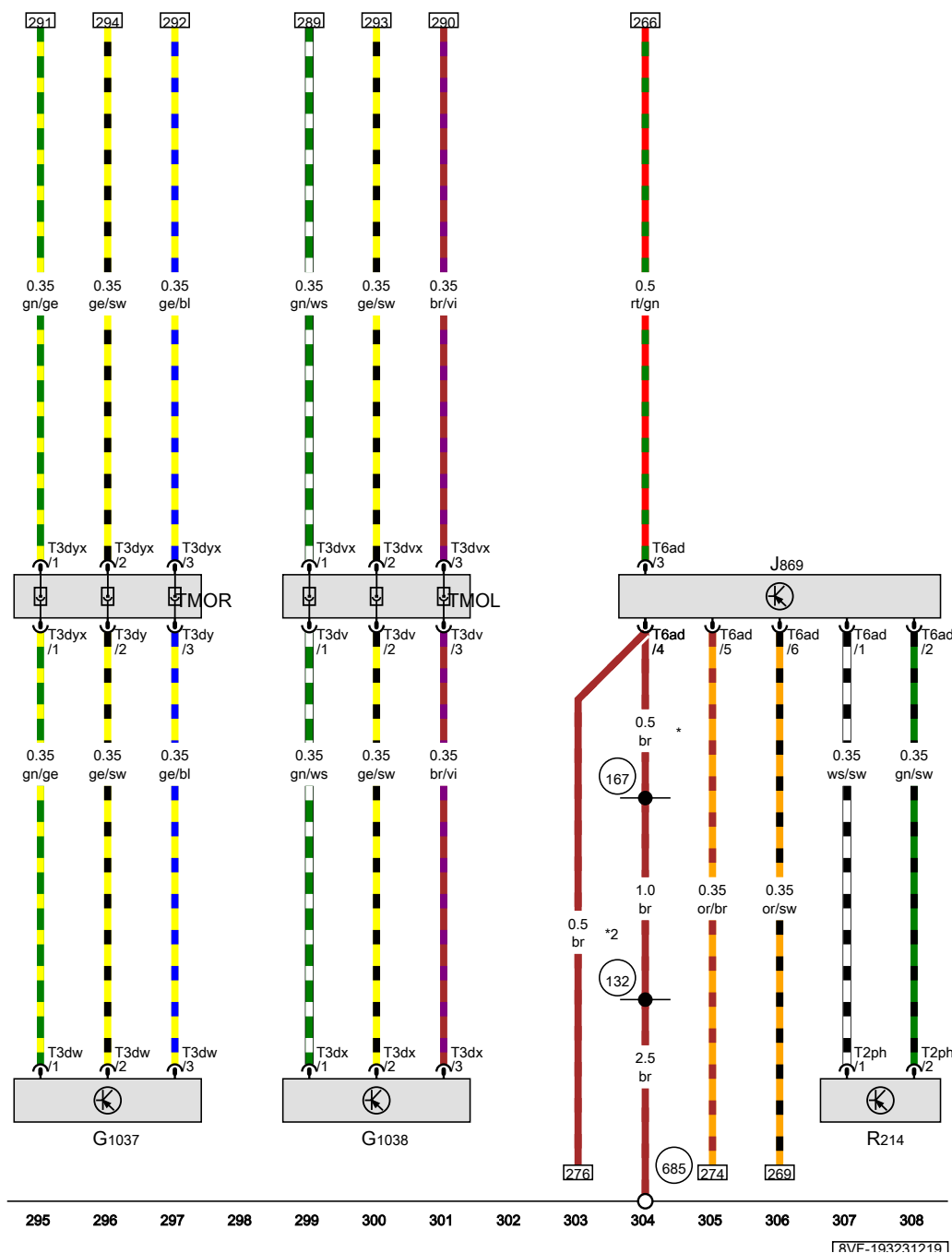
132 Earth connection 3, in engine compartment wiring harness

167 Earth connection 4, in engine compartment wiring harness

685 Earth point 1, on front of right longitudinal member

* For left-hand drive models

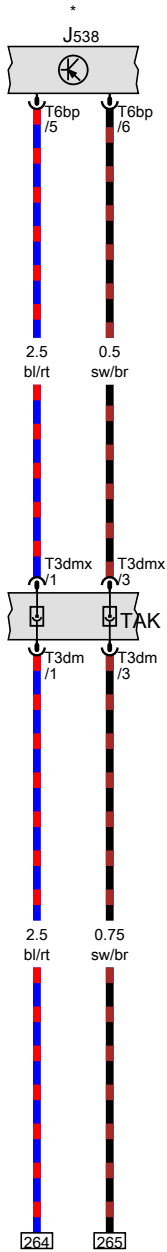
*2 For right-hand drive models



1AVF-1932312191

Fuel pump control unit

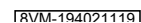
- J538 Fuel pump control unit
- T3dm 3-pin connector, black
- T3dmx 3-pin connector, black
- T6bp 6-pin connector, black
- TAK Coupling point for fuel tank
- * see applicable current flow diagram for fuel system



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- gr = grey
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- vi = purple
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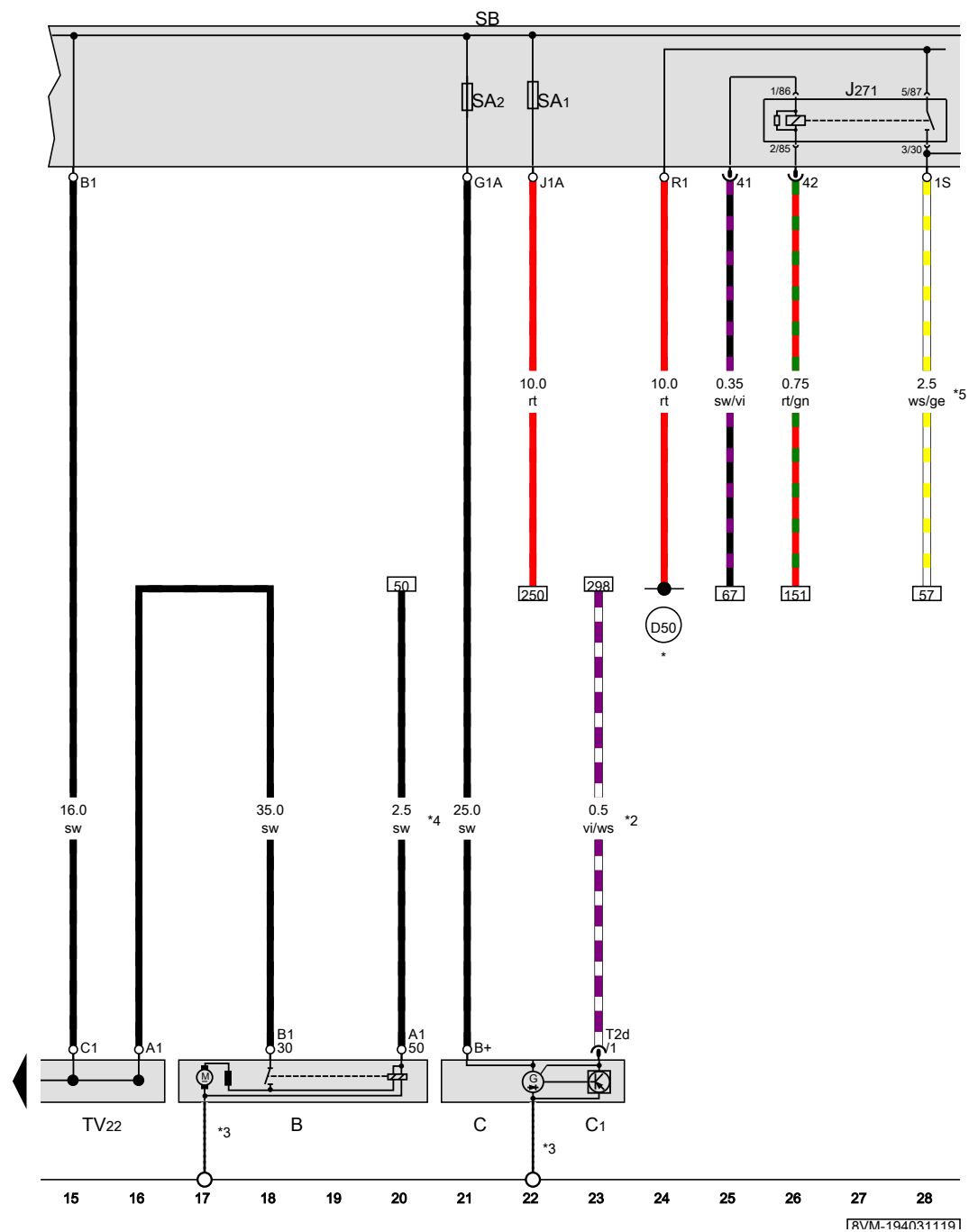
2.5l petrol engine , DAZA

From November 2016



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vi = purple
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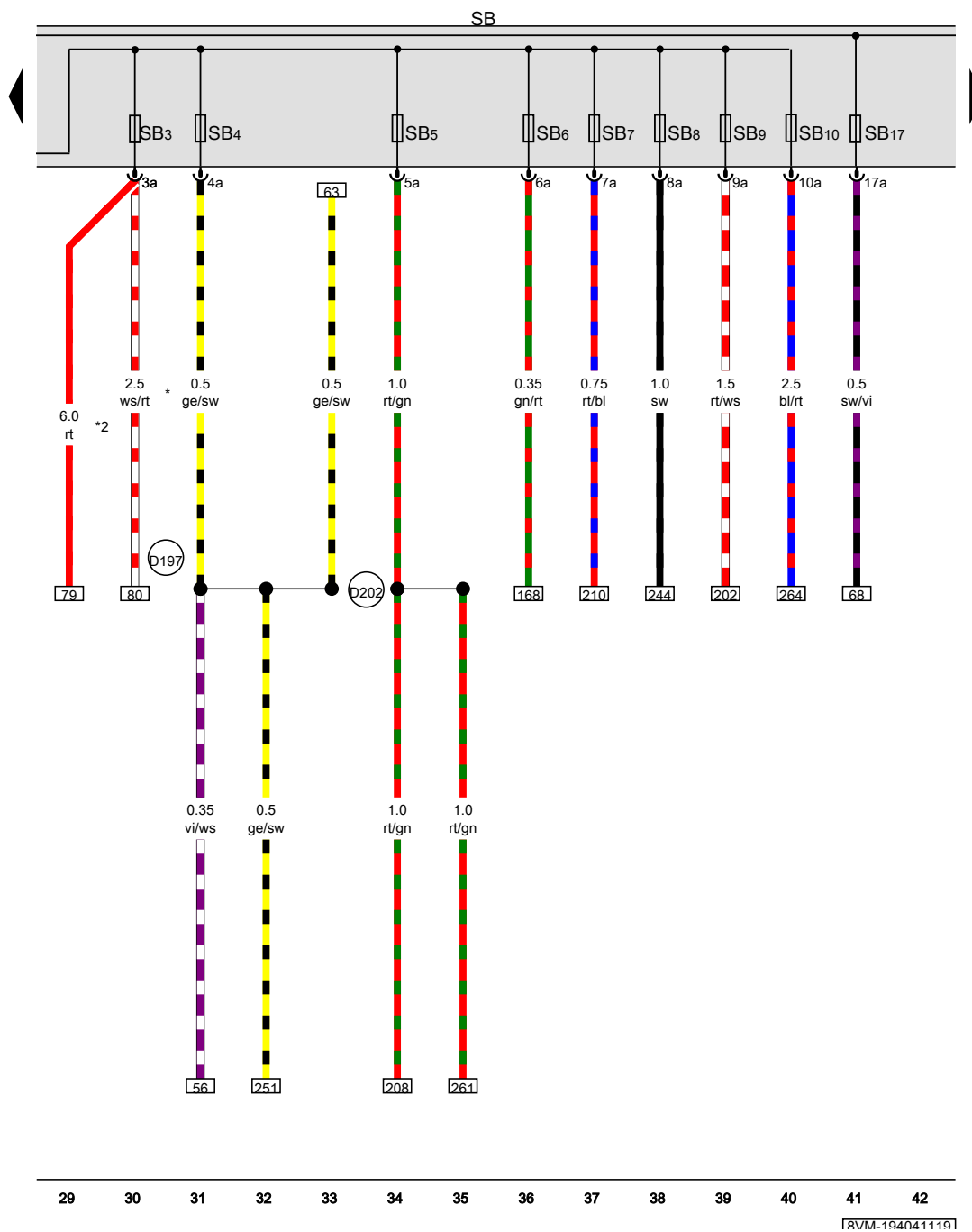
* For left-hand drive models
*2 For right-hand drive models



Starter, Alternator, Main relay, Fuse holder B

- B Starter
- C Alternator
- C1 Voltage regulator
- J271 Main relay
- SA1 Fuse 1 on fuse holder A
- SA2 Fuse 2 on fuse holder A
- SB Fuse holder B
- T2d 2-pin connector, black
- TV22 Terminal 30 wiring junction 2
- D50 Positive connection (30), in engine compartment wiring harness
- * see applicable current flow diagram for battery
- *2 Data bus wire (LIN bus)
- *3 Earth supply via housing
- *4 Different wire colour possible
- *5 gradual introduction

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Fuse holder B

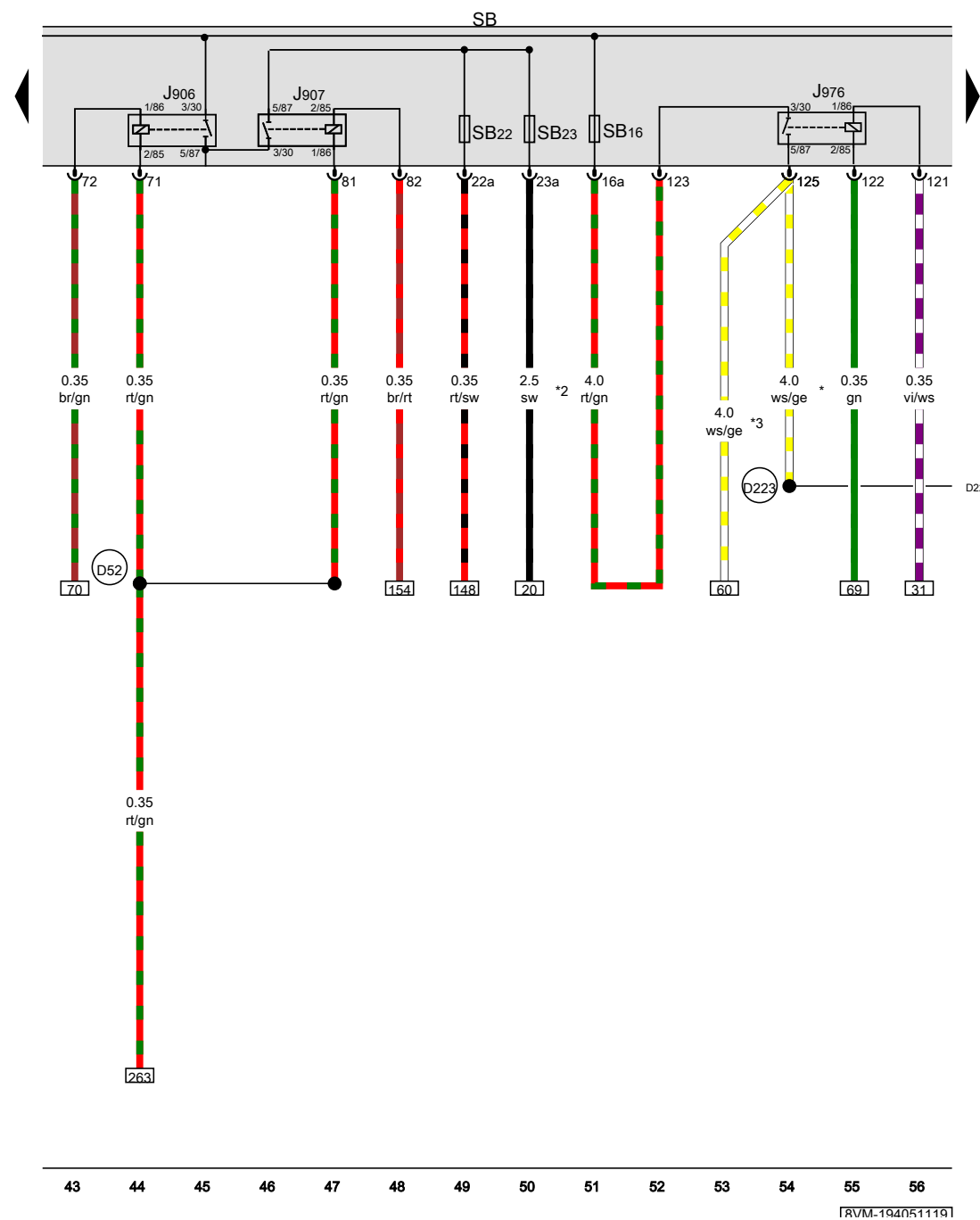
- SB Fuse holder B
- SB3 Fuse 3 on fuse holder B
- SB4 Fuse 4 on fuse holder B
- SB5 Fuse 5 on fuse holder B
- SB6 Fuse 6 on fuse holder B
- SB7 Fuse 7 on fuse holder B
- SB8 Fuse 8 on fuse holder B
- SB9 Fuse 9 on fuse holder B
- SB10 Fuse 10 on fuse holder B
- SB17 Fuse 17 on fuse holder B

D197 Connection 5 (87a), in engine compartment wiring harness

D202 Connection 6 (87a), in engine compartment wiring harness

- * Gradually discontinued
- *2 gradual introduction

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Starter relay 1, Starter relay 2, Engine component current supply relay 2, Fuse holder B

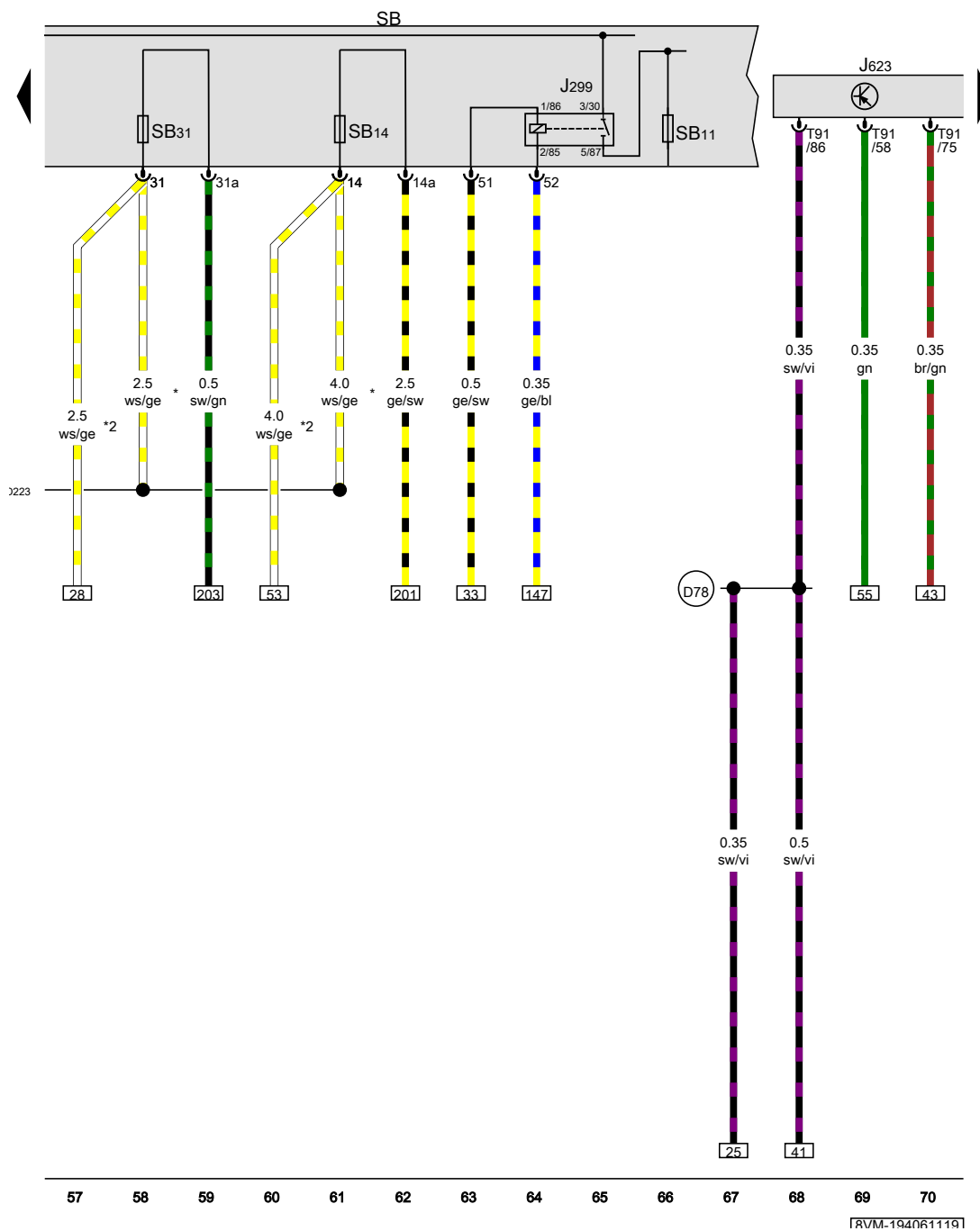
- J906 Starter relay 1
- J907 Starter relay 2
- J976 Engine component current supply relay 2
- SB Fuse holder B
- SB16 Fuse 16 on fuse holder B
- SB22 Fuse 22 on fuse holder B
- SB23 Fuse 23 on fuse holder B

D52 Positive connection (15a), in engine compartment wiring harness

D223 Connection 11 (87a), in engine compartment wiring harness

- * Gradually discontinued
- *2 Different wire colour possible
- *3 gradual introduction

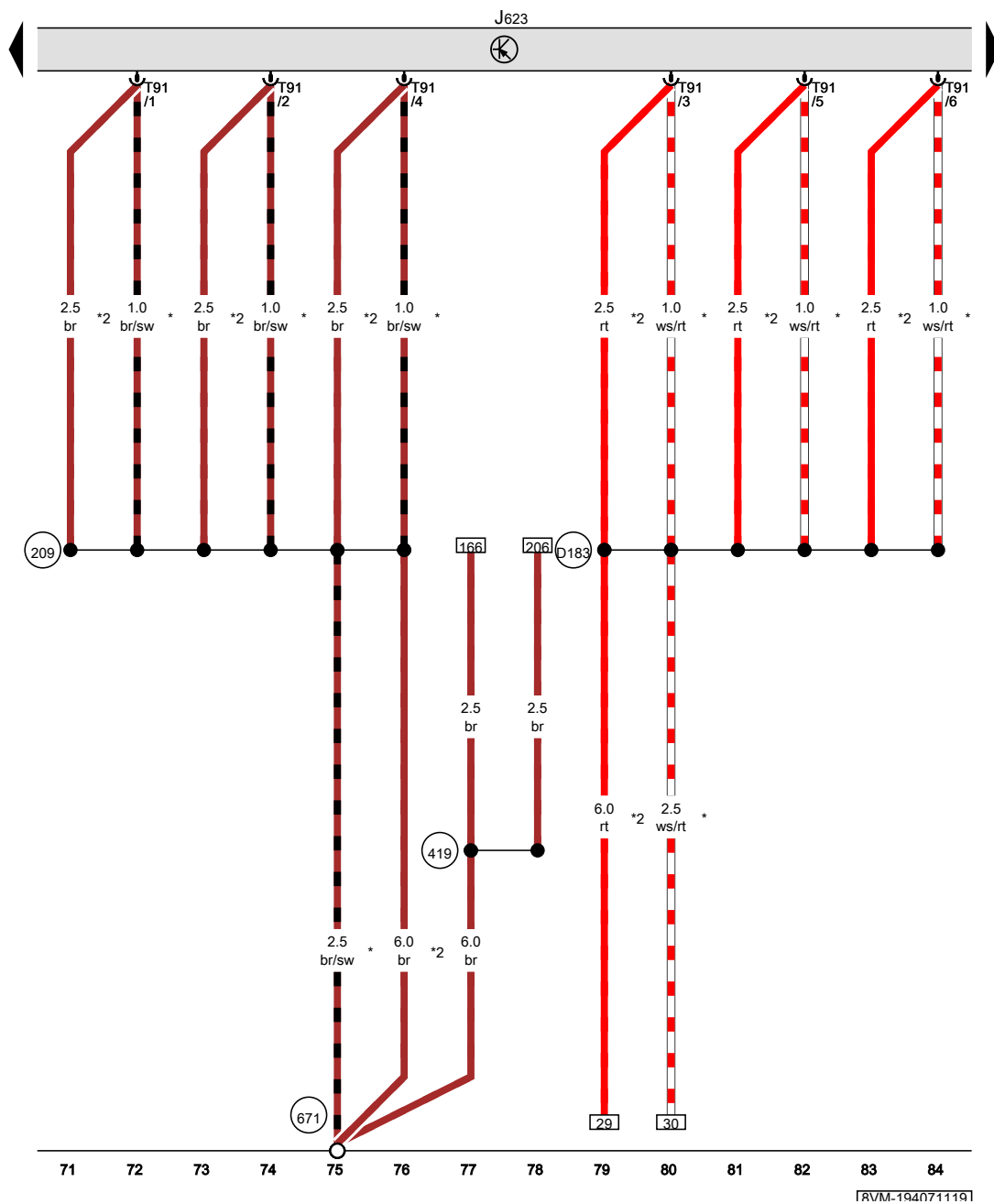
- ws = white
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- gr = grey
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Secondary air pump relay, Engine/motor control unit, Fuse holder B

- J299 Secondary air pump relay
- J623 Engine/motor control unit
- SB Fuse holder B
- SB11 Fuse 11 on fuse holder B
- SB14 Fuse 14 on fuse holder B
- SB31 Fuse 31 on fuse holder B
- T91 91-pin connector, black
- D78 Positive connection 1 (30a), in engine compartment wiring harness
- D223 Connection 11 (87a), in engine compartment wiring harness
- * Gradually discontinued
- *2 gradual introduction

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 vi = purple
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 rs = pink



Engine/motor control unit

J623 Engine/motor control unit

T91 91-pin connector, black

209 Earth connection 6, in engine compartment wiring harness

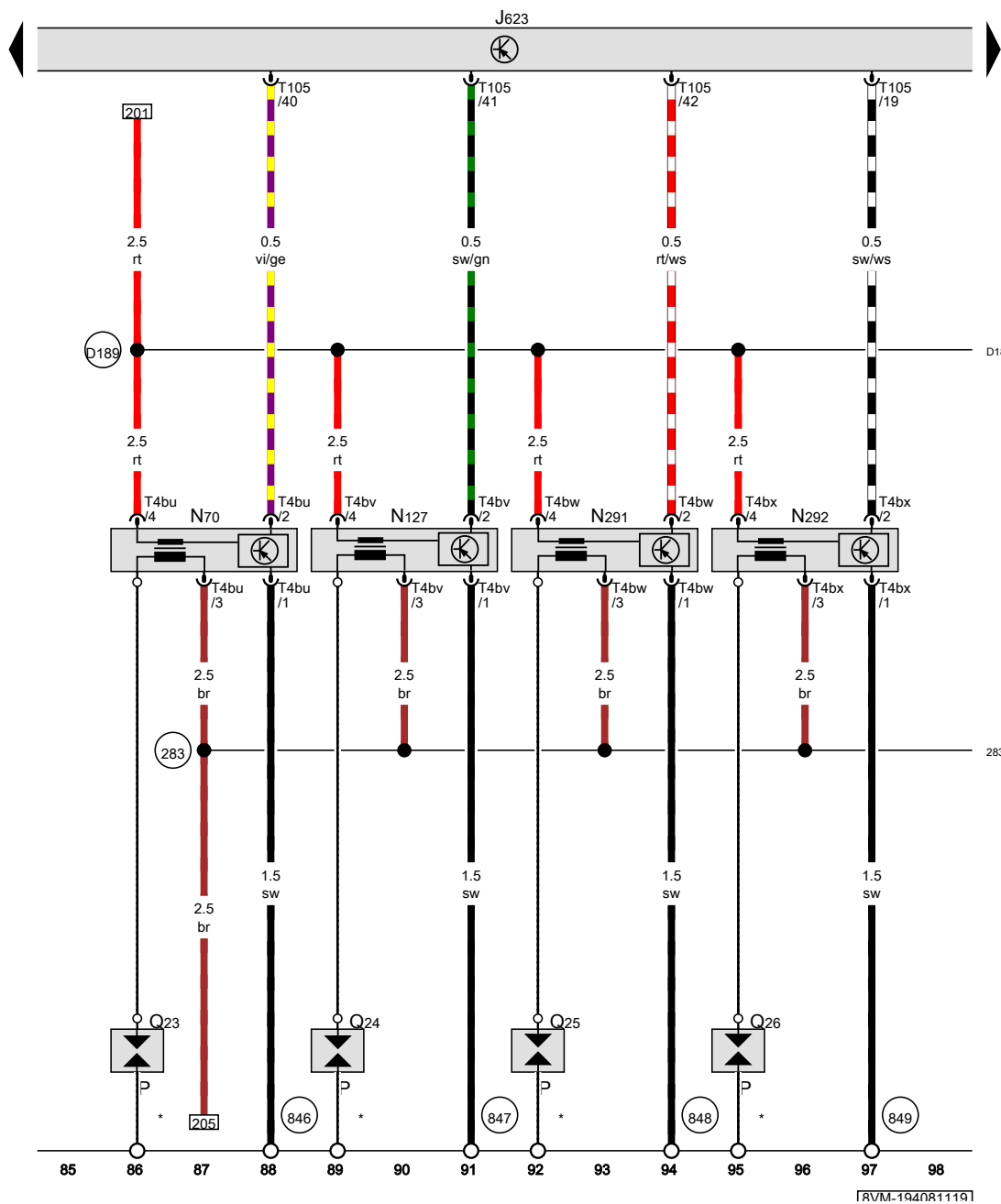
419 Earth connection 11, in engine compartment wiring harness

671 Earth point 1, on front of left longitudinal member

D183 Connection 4 (87a), in engine compartment wiring harness

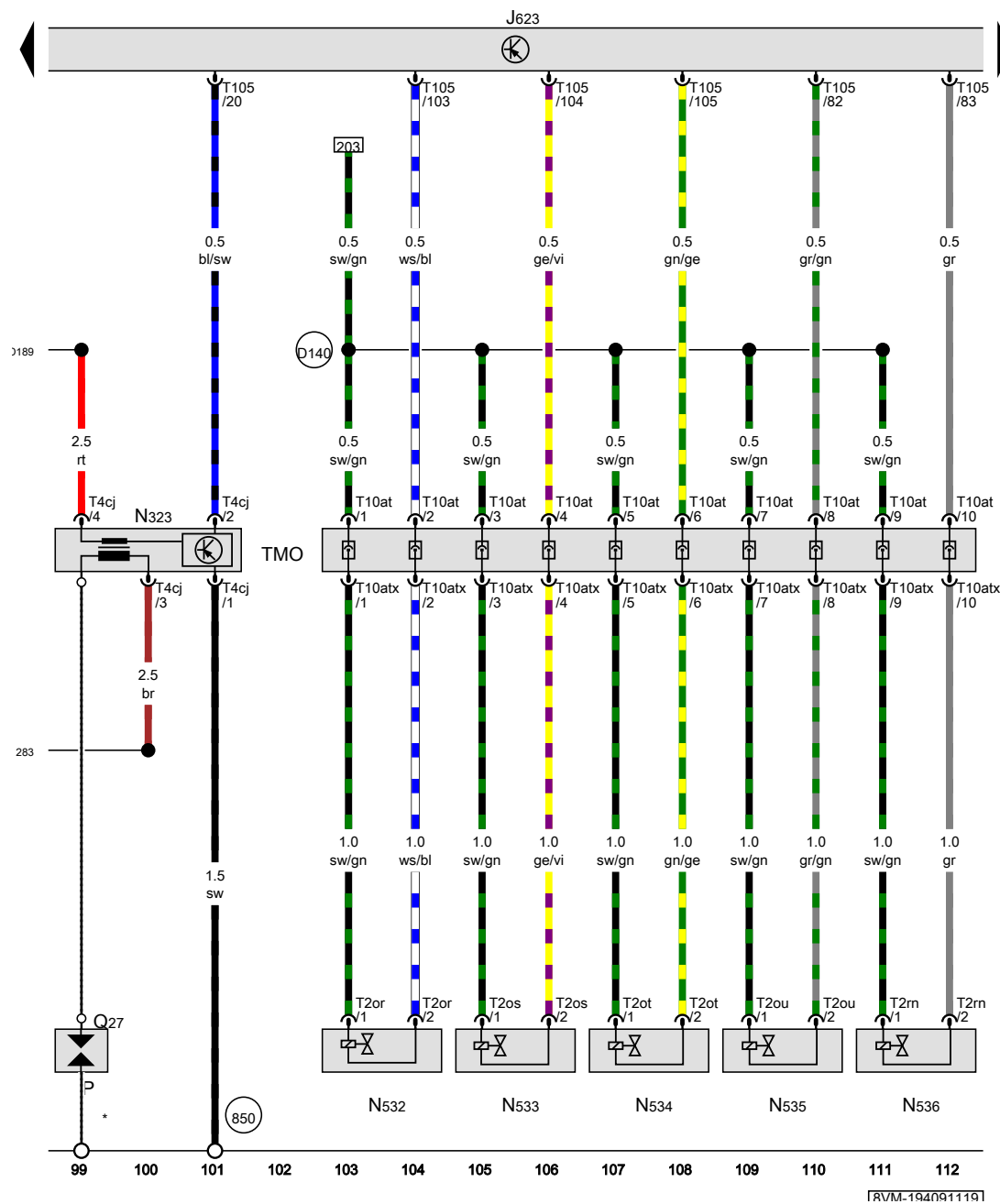
* Gradually discontinued

*2 Gradual introduction



Engine/motor control unit, Ignition coil 1 with output stage, Ignition coil 2 with output stage, Ignition coil 3 with output stage, Ignition coil 4 with output stage, Spark plug 1, Spark plug 2, Spark plug 3, Spark plug 4

- J623 Engine/motor control unit
- N70 Ignition coil 1 with output stage
- N127 Ignition coil 2 with output stage
- N291 Ignition coil 3 with output stage
- N292 Ignition coil 4 with output stage
- P Spark plug connector
- Q23 Spark plug 1
- Q24 Spark plug 2
- Q25 Spark plug 3
- Q26 Spark plug 4
- T4bu 4-pin connector, black
- T4bv 4-pin connector, black
- T4bw 4-pin connector, black
- T4bx 4-pin connector, black
- T105 105-pin connector, black
- 283 Earth point 2, engine prewiring harness
- 846 Earth point on ignition coil 1
- 847 Earth point on ignition coil 2
- 848 Earth point on ignition coil 3
- 849 Earth point on ignition coil 4
- D189 Connection (87a) in engine prewiring harness
- * Earth supply via housing



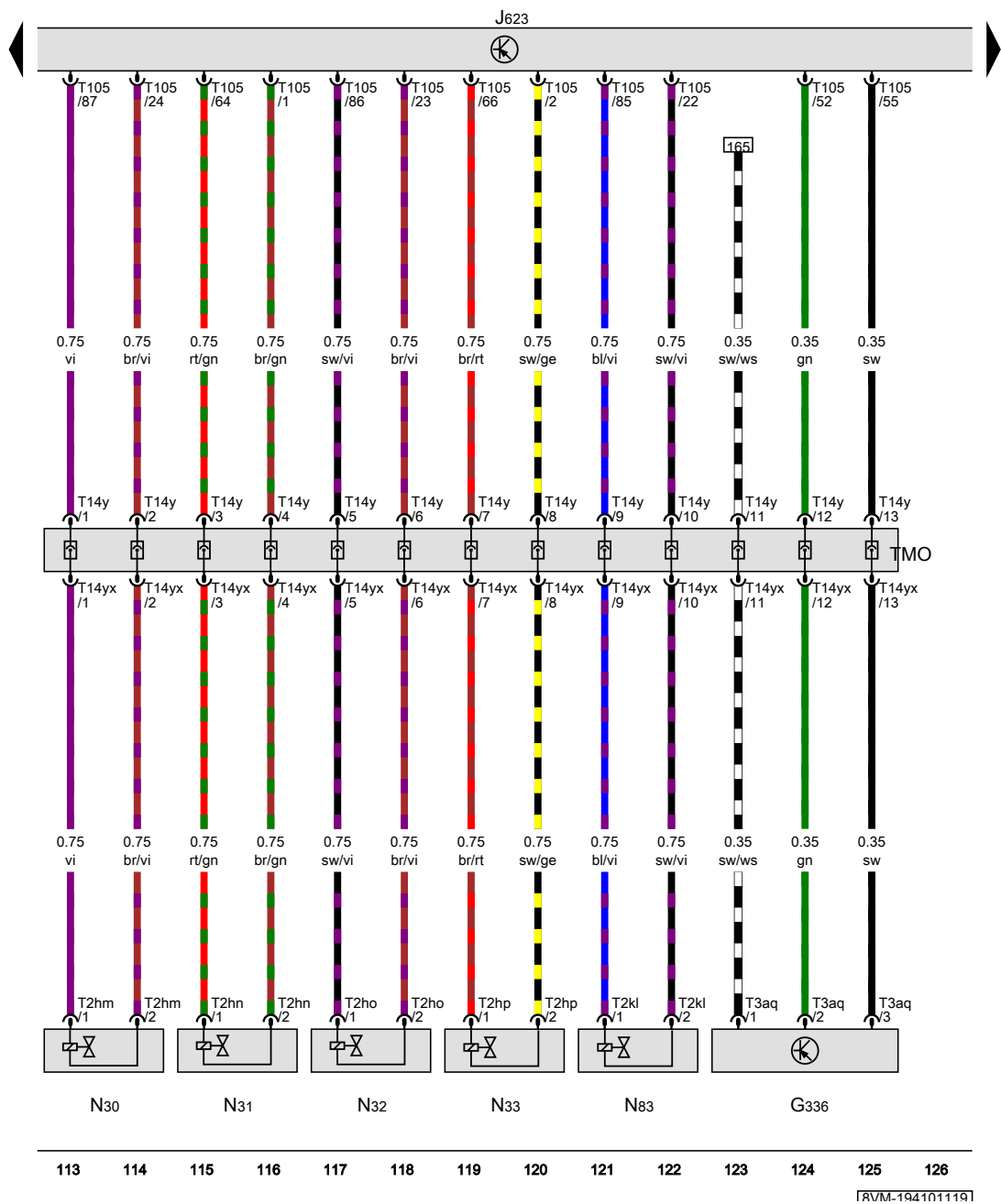
Engine/motor control unit, Ignition coil 5 with output stage, Injector 2, cylinder 1, Injector 2, cylinder 2, Injector 2, cylinder 3, Injector 2, cylinder 4, Injector 2, cylinder 5, Spark plug 5, Coupling point on engine, top

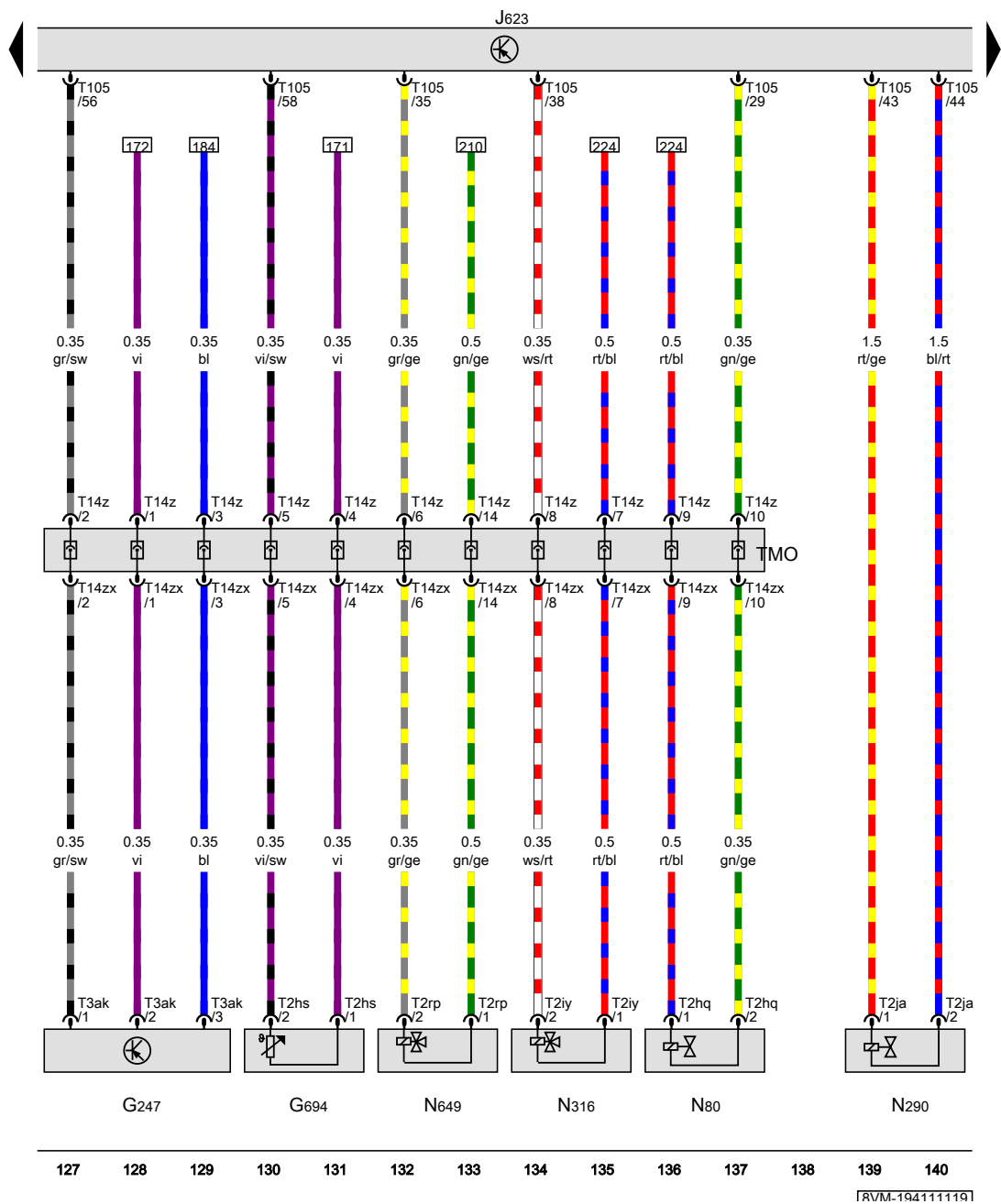
- J623 Engine/motor control unit
- N323 Ignition coil 5 with output stage
- N532 Injector 2, cylinder 1
- N533 Injector 2, cylinder 2
- N534 Injector 2, cylinder 3
- N535 Injector 2, cylinder 4
- N536 Injector 2, cylinder 5
- P Spark plug connector
- Q27 Spark plug 5
- T2or 2-pin connector, black
- T2os 2-pin connector, black
- T2ot 2-pin connector, black
- T2ou 2-pin connector, black
- T2rn 2-pin connector, black
- T4cj 4-pin connector, black
- T10at 10-pin connector, black
- T10atx 10-pin connector, black
- T105 105-pin connector, black
- TMO Coupling point on engine, top

- 283 Earth point 2, engine prewiring harness
- 850 Earth point on ignition coil 5
- D140 Connection (injectors), in engine prewiring harness
- D189 Connection (87a) in engine prewiring harness
- * Earth supply via housing

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Intake manifold flap potentiometer, Engine/motor control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4, Injector, cylinder 5



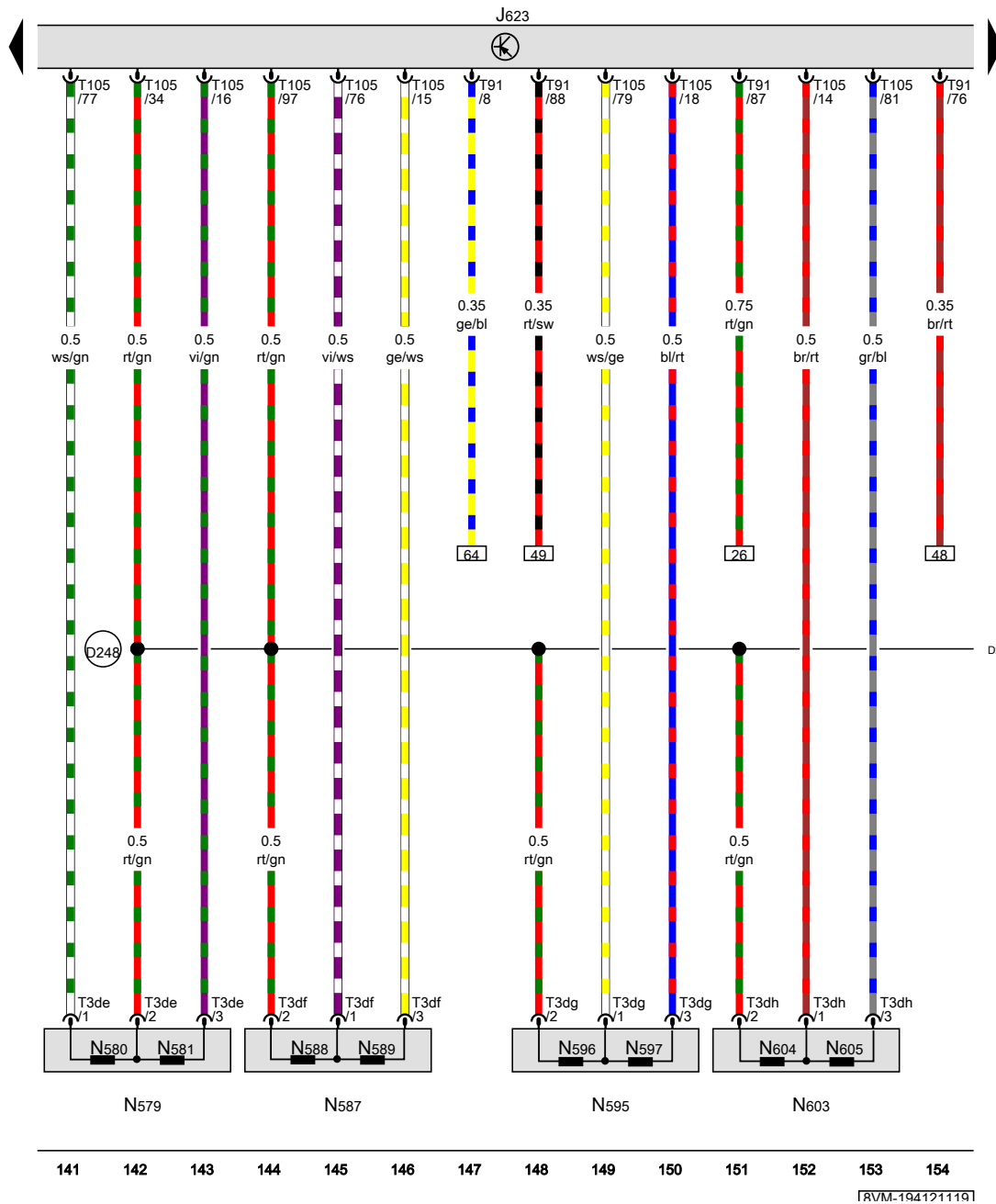


Fuel pressure sender, Temperature sender for engine temperature regulation, Engine/motor control unit, Activated charcoal filter solenoid valve 1, Fuel metering valve, Intake manifold flap valve, Switch valve for mechanical coolant pump

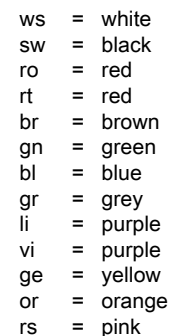
- G247 Fuel pressure sender
- G694 Temperature sender for engine temperature regulation
- J623 Engine/motor control unit
- N80 Activated charcoal filter solenoid valve 1
- N290 Fuel metering valve
- N316 Intake manifold flap valve
- N649 Switch valve for mechanical coolant pump
- T2hq 2-pin connector, black
- T2hs 2-pin connector, black
- T2iy 2-pin connector, black
- T2ja 2-pin connector, black
- T2rp 2-pin connector, black
- T3ak 3-pin connector, black
- T14z 14-pin connector, black
- T14zx 14-pin connector, black
- T105 105-pin connector, black
- TMO Coupling point on engine, top

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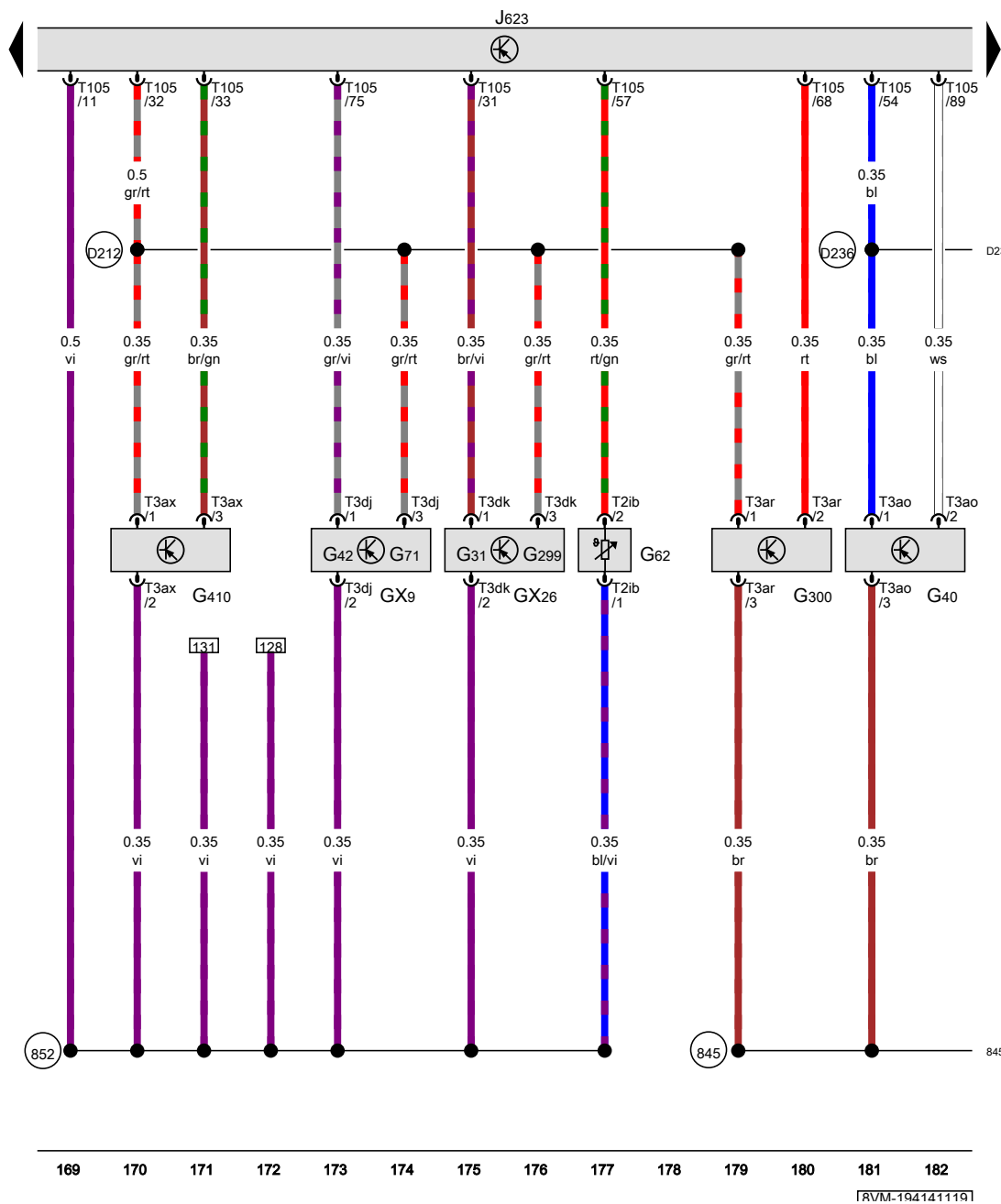
Engine/motor control unit, Exhaust cam actuator for cylinder 1, Exhaust cam actuator for cylinder 2, Exhaust cam actuator for cylinder 3, Exhaust cam actuator for cylinder 4



- J623 Engine/motor control unit
- N579 Exhaust cam actuator for cylinder 1
- N580 Exhaust cam actuator A for cylinder 1
- N581 Exhaust cam actuator B for cylinder 1
- N587 Exhaust cam actuator for cylinder 2
- N588 Exhaust cam actuator A for cylinder 2
- N589 Exhaust cam actuator B for cylinder 2
- N595 Exhaust cam actuator for cylinder 3
- N596 Exhaust cam actuator A for cylinder 3
- N597 Exhaust cam actuator B for cylinder 3
- N603 Exhaust cam actuator for cylinder 4
- N604 Exhaust cam actuator A for cylinder 4
- N605 Exhaust cam actuator B for cylinder 4
- T3de 3-pin connector, black
- T3df 3-pin connector, black
- T3dg 3-pin connector, black
- T3dh 3-pin connector, black
- T91 91-pin connector, black
- T105 105-pin connector, black
- D248 Connection 9 (87a) in engine prewiring harness



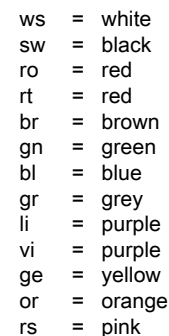
- 131 Earth connection 2, in engine compartment wiring harness
- D73 Positive connection (54), in engine compartment wiring harness
- D237 Connection 6 (5V) in engine prewiring harness
- D246 Connection 7 (87a) in engine prewiring harness
- D248 Connection 9 (87a) in engine prewiring harness



Intake manifold sender, Charge pressure sender, Hall sender, Coolant temperature sender, Hall sender 3, Fuel pressure sender for low pressure, Engine/motor control unit

- GX9 Intake manifold sender
- GX26 Charge pressure sender
- G31 Charge pressure sender
- G40 Hall sender
- G42 Intake air temperature sender
- G62 Coolant temperature sender
- G71 Intake manifold pressure sender
- G299 Intake air temperature sender 2
- G300 Hall sender 3
- G410 Fuel pressure sender for low pressure
- J623 Engine/motor control unit
- T2ib 2-pin connector, black
- T3ao 3-pin connector, black
- T3ar 3-pin connector, black
- T3ax 3-pin connector, blue
- T3dj 3-pin connector, black
- T3dk 3-pin connector, black
- T105 105-pin connector, black

- 845 Earth point 8, engine prewiring harness
- 852 Earth point 15, engine prewiring harness
- D212 Connection 4 (5V) in engine prewiring harness
- D236 Connection 5 (5V) in engine prewiring harness



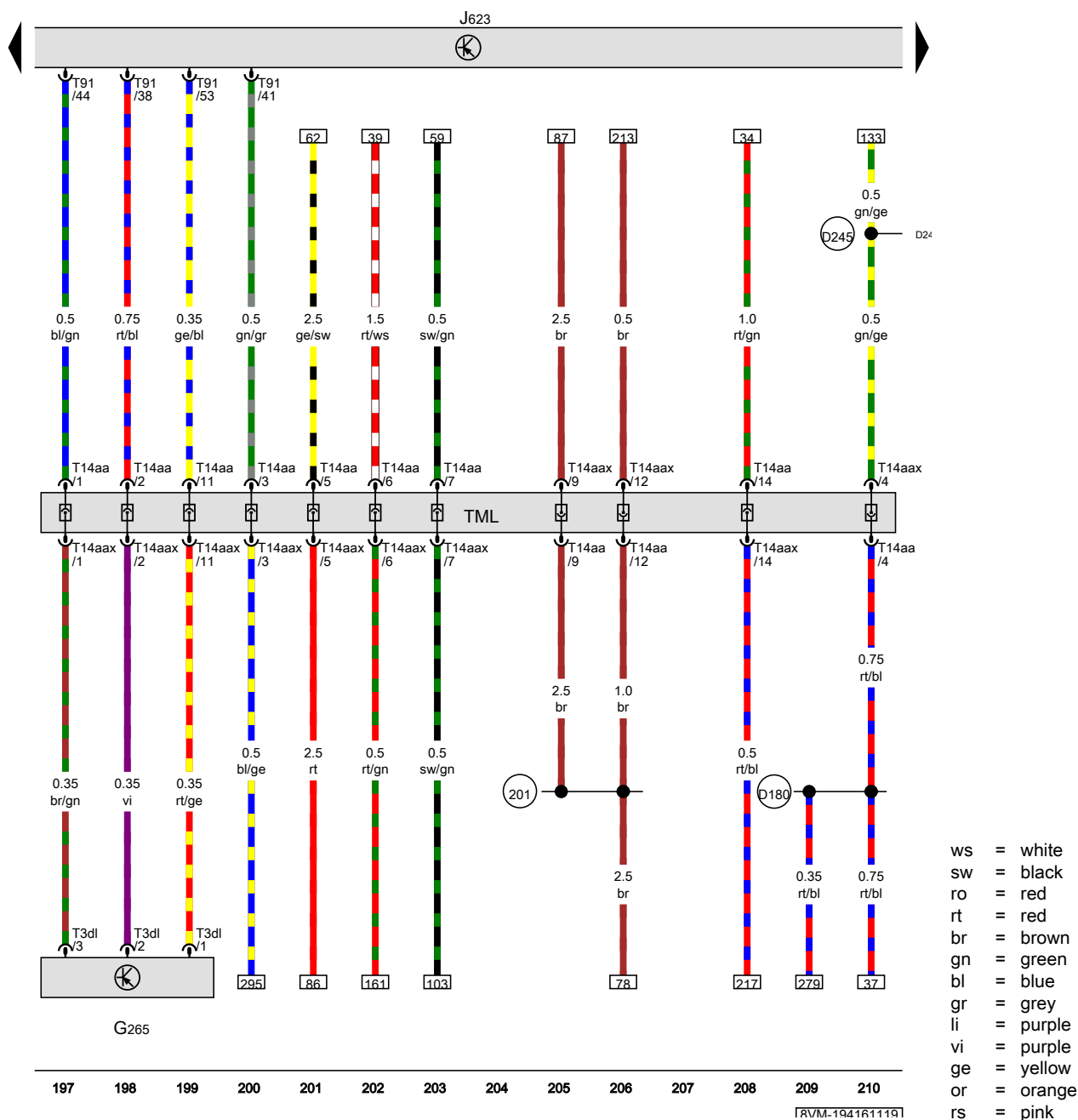
G10	Oil pressure sender
G61	Knock sensor 1
G66	Knock sensor 2
J623	Engine/motor control unit
J883	Exhaust flap control unit
J945	Exhaust flap control unit 2
N428	Valve for oil pressure control
T2hs	2-pin connector, black
T2if	2-pin connector, black
T2rr	2-pin connector, black
T3db	3-pin connector, black
T4fu	4-pin connector, black
T4fv	4-pin connector, black
T105	105-pin connector, black

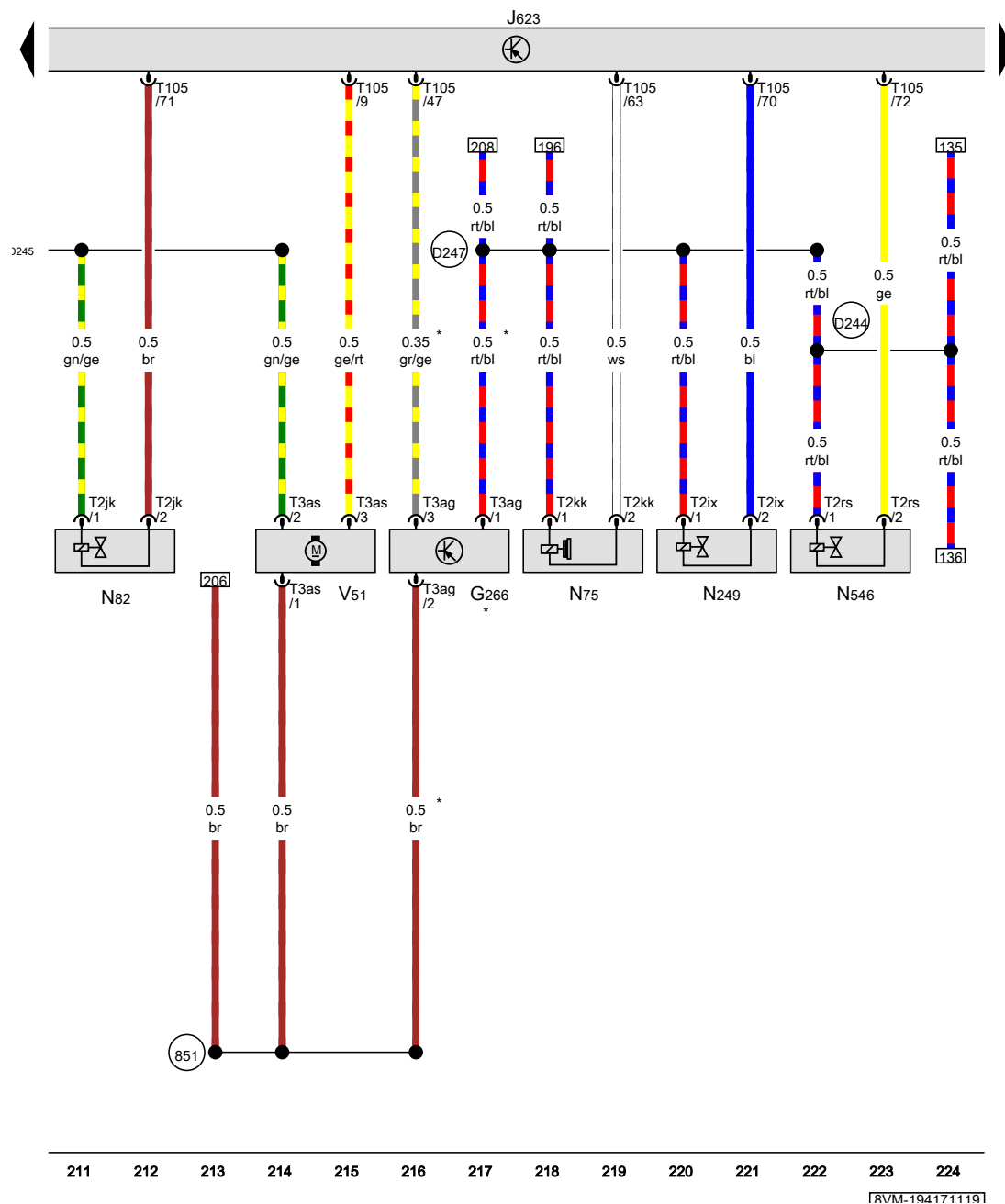
- 50 Earth point, on left in luggage compartment
 - 51 Earth point, on right in luggage compartment
 - 57 Earth point, rear left pillar
 - 75 Earth point, rear right pillar
 - 374 Earth connection 9, in main wiring harness
 - 378 Earth connection 13, in main wiring harness
 - 386 Earth connection 21, in main wiring harness
 - 845 Earth point 8, engine prewiring harness
 - B350 Positive connection 1 (87a) in main wiring harness
 - D236 Connection 5 (5V) in engine prewiring harness
- * Pre-wired component
- *2 For models with 5 doors
- *3 For models with 4 doors

Intermediate shaft speed sender, Engine/motor control unit

- G265 Intermediate shaft speed sender
- J623 Engine/motor control unit
- T3dl 3-pin connector, black
- T14aa 14-pin connector, grey
- T14aax 14-pin connector, grey
- T91 91-pin connector, black
- TML Coupling point in engine compartment, left

- 201 Earth connection 5, in engine compartment wiring harness
- D180 Connection (87a), in engine compartment wiring harness
- D245 Connection 6 (87a) in engine prewiring harness

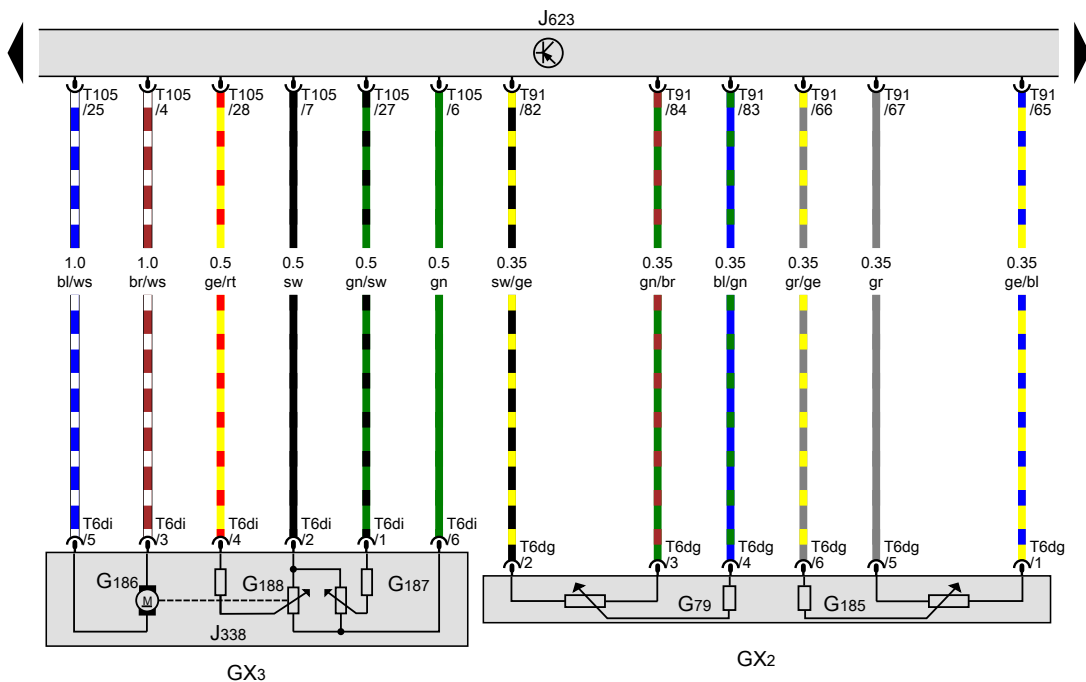




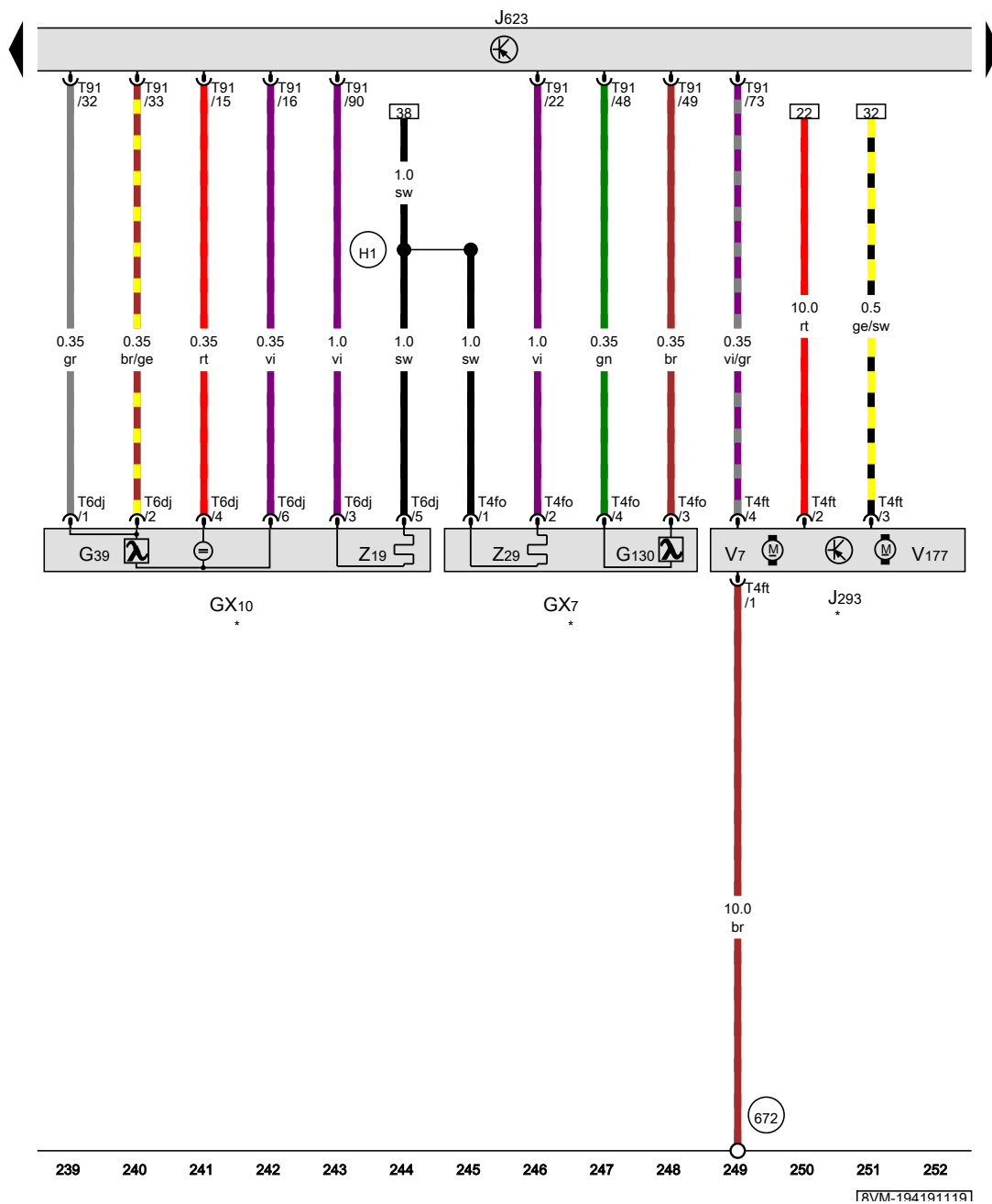
Oil level and oil temperature sender, Engine/motor control unit, Charge pressure control solenoid valve, Coolant shut-off valve, Turbocharger air recirculation valve, Crankcase breather valve, Continued coolant circulation pump

- G266 Oil level and oil temperature sender
- J623 Engine/motor control unit
- N75 Charge pressure control solenoid valve
- N82 Coolant shut-off valve
- N249 Turbocharger air recirculation valve
- N546 Crankcase breather valve
- T2ix 2-pin connector, black
- T2jk 2-pin connector, brown
- T2kk 2-pin connector, black
- T2rs 2-pin connector, black
- T3ag 3-pin connector, black
- T3as 3-pin connector, black
- T105 105-pin connector, black
- V51 Continued coolant circulation pump
- 851 Earth point 14, engine prewiring harness
- D244 Connection 5 (87a) in engine prewiring harness
- D245 Connection 6 (87a) in engine prewiring harness
- D247 Connection 8 (87a) in engine prewiring harness
- * For models with extended service intervals (ESI)

Accelerator pedal module, Throttle valve module, Engine/
motor control unit



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Lambda probe 1 after catalytic converter, Lambda probe 1 before catalytic converter, Engine/motor control unit, Radiator fan

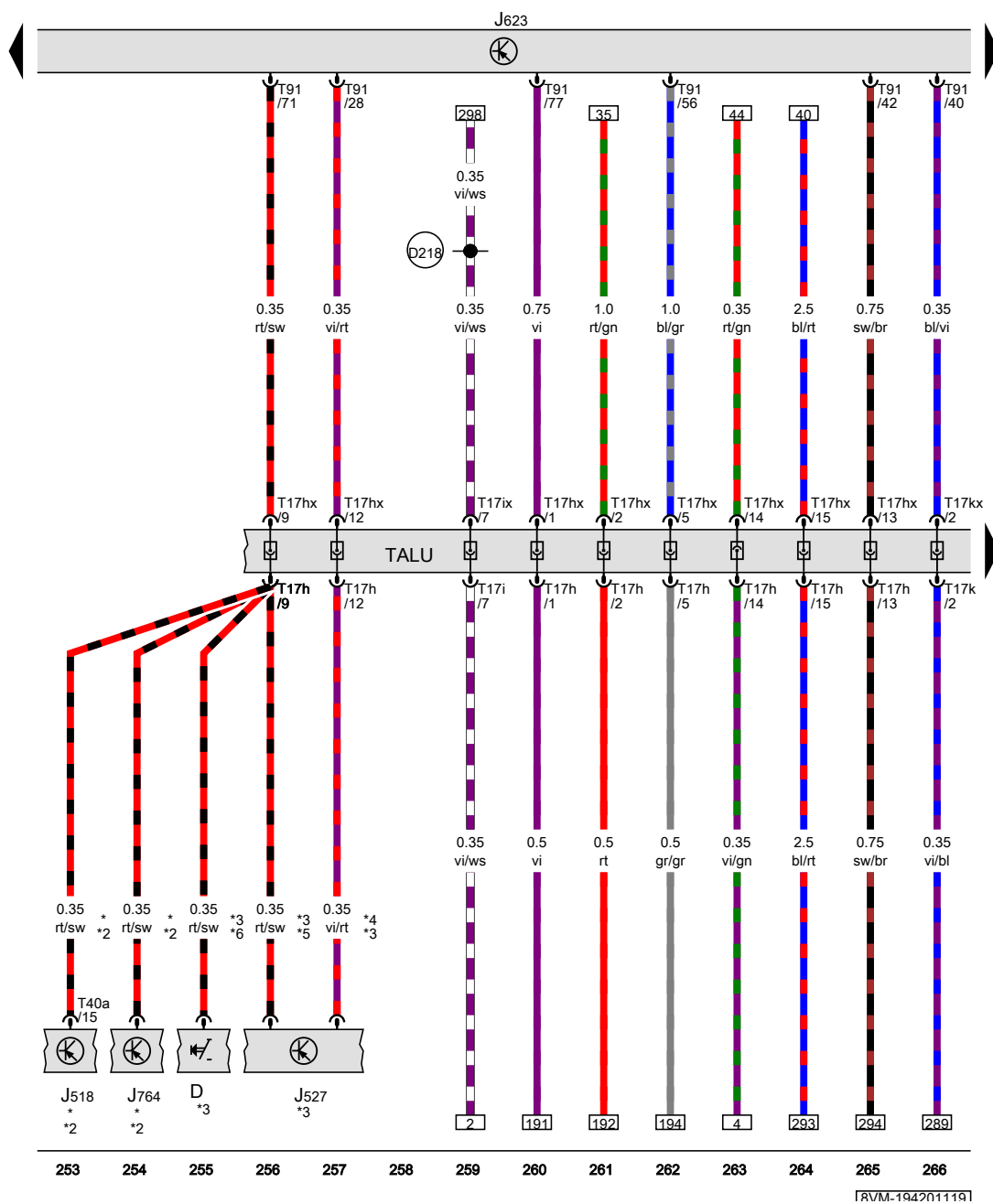
- GX7 Lambda probe 1 after catalytic converter
- GX10 Lambda probe 1 before catalytic converter
- G39 Lambda probe
- G130 Lambda probe after catalytic converter
- J293 Radiator fan control unit
- J623 Engine/motor control unit
- T4fo 4-pin connector, black
- T4ft 4-pin connector, black
- T6dj 6-pin connector, black
- T91 91-pin connector, black
- V7 Radiator fan
- V177 Radiator fan 2
- Z19 Lambda probe heater
- Z29 Lambda probe 1 heater after catalytic converter

672 Earth point 2, on front of left longitudinal member

H1 Positive connection, in Lambda wiring harness

* Pre-wired component

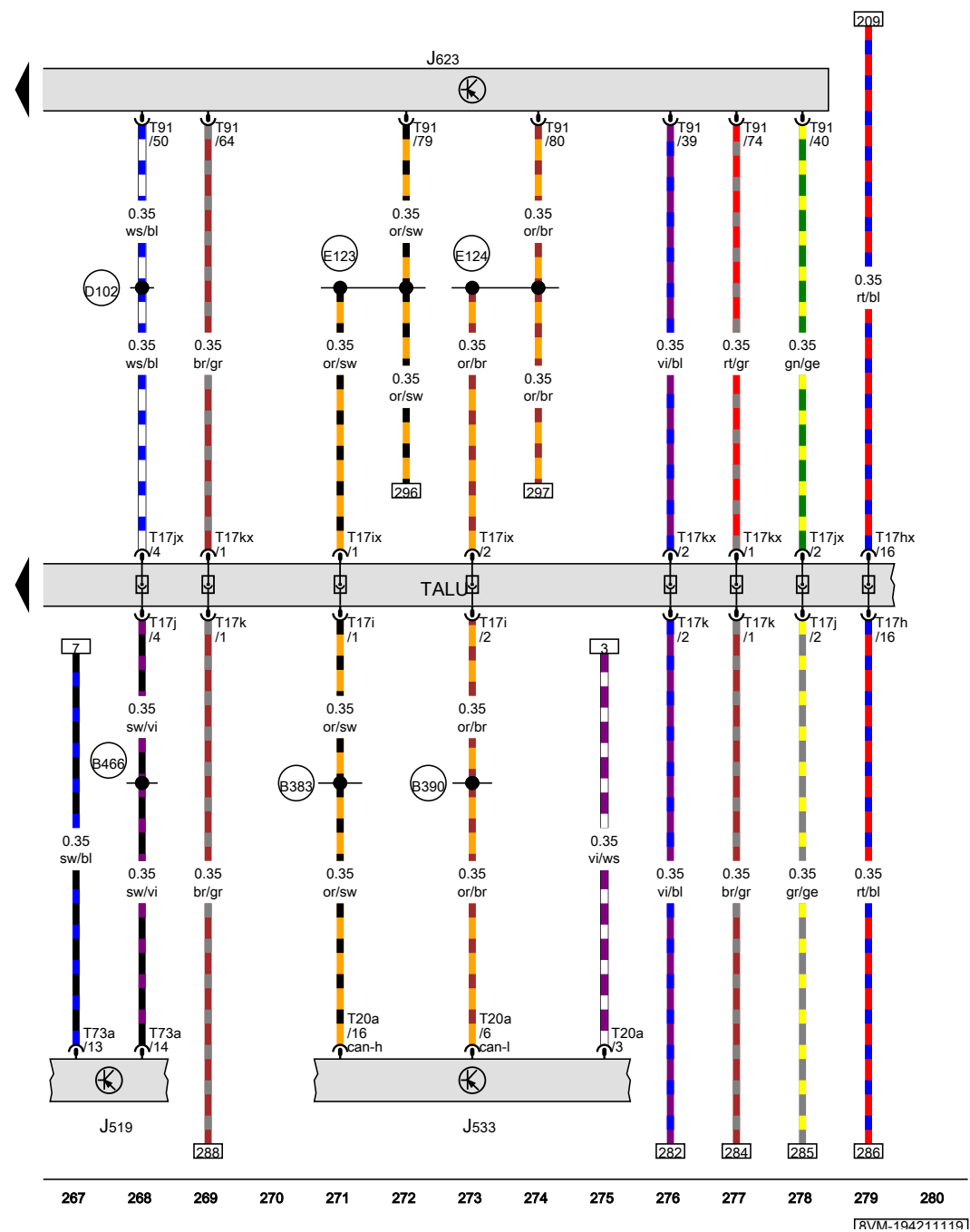
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- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



Ignition/starter switch, Entry and start authorisation control unit, Steering column electronics control unit, Engine/motor control unit, Control unit for electronic steering column lock

- D Ignition/starter switch
- J518 Entry and start authorisation control unit
- J527 Steering column electronics control unit
- J623 Engine/motor control unit
- J764 Control unit for electronic steering column lock
- T17h 17-pin connector, red
- T17hx 17-pin connector, red
- T17i 17-pin connector, black
- T17ix 17-pin connector, black
- T17k 17-pin connector, blue
- T17kx 17-pin connector, blue
- T40a 40-pin connector, black
- T91 91-pin connector, black
- TALU Coupling point on left A-pillar, bottom
- D218 Connection 1 (LIN bus) in engine compartment wiring harness
- * see applicable current flow diagram for entry and start authorisation
- *2 According to equipment
- *3 see applicable current flow diagram for steering column electronics
- *4 For models with cruise control system (CCS)
- *5 Up to June 2018
- *6 From July 2018

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



Data bus diagnostic interface, Engine/motor control unit

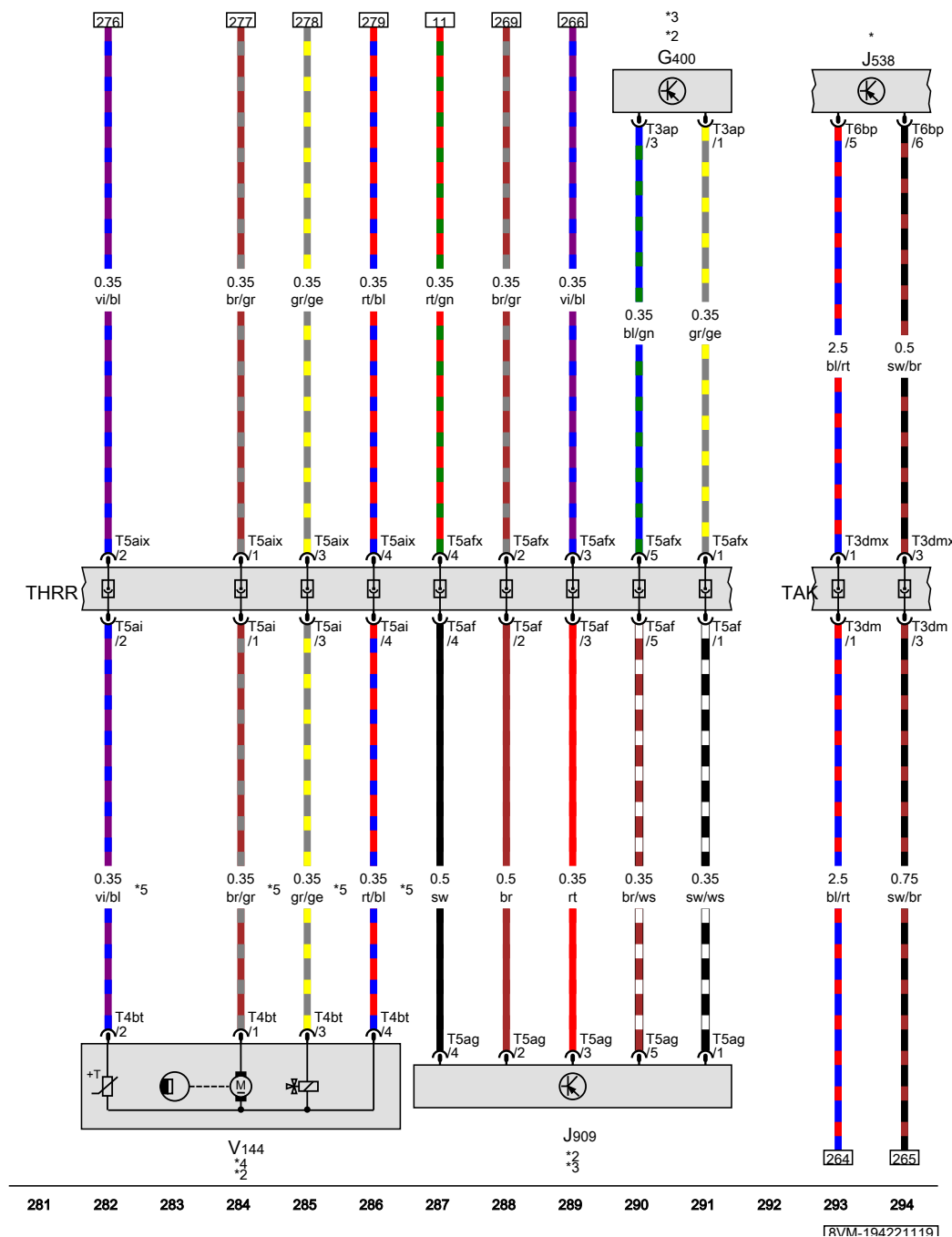
- J519 Onboard supply control unit
- J533 Data bus diagnostic interface
- J623 Engine/motor control unit
- T17h 17-pin connector, red
- T17hx 17-pin connector, red
- T17i 17-pin connector, black
- T17ix 17-pin connector, black
- T17j 17-pin connector, brown
- T17jx 17-pin connector, brown
- T17k 17-pin connector, blue
- T17kx 17-pin connector, blue
- T20a 20-pin connector, red
- T73a 73-pin connector, black
- T91 91-pin connector, black
- TALU Coupling point on left A-pillar, bottom

- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- B466 Connection 2, in main wiring harness
- D102 Connection 2 in engine compartment wiring harness
- E123 Connection 1 (powertrain CAN bus, high), in engine wiring harness
- E124 Connection 1 (powertrain CAN bus, low), in engine wiring harness

- ws = white
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- vi = purple
- ge = yellow
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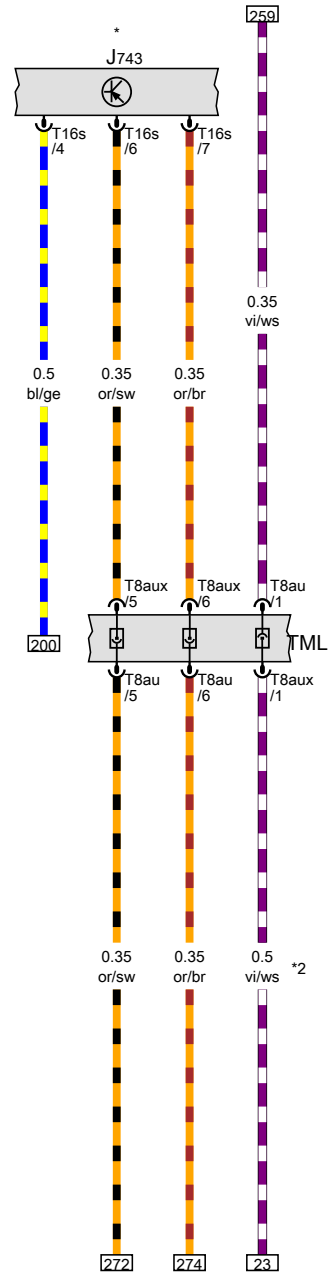
Fuel pump control unit, Control unit for fuel tank leak detection, Fuel system diagnostic pump

- G400 Tank pressure sensor
- J538 Fuel pump control unit
- J909 Control unit for fuel tank leak detection
- T3ap 3-pin connector, black
- T3dm 3-pin connector, black
- T3dmx 3-pin connector, black
- T4bt 4-pin connector, black
- T5af 5-pin connector
- T5afx 5-pin connector
- T5ag 5-pin connector
- T5ai 5-pin connector
- T5aix 5-pin connector
- T6bp 6-pin connector, black
- TAK Coupling point for fuel tank
- THRR Coupling point in luggage compartment, right
- V144 Fuel system diagnostic pump
- * see applicable current flow diagram for fuel system
- *2 For models with US equipment
- *3 Gradually discontinued
- *4 gradual introduction
- *5 Different wire colour possible



Mechatronic unit for dual clutch gearbox

- J743 Mechatronic unit for dual clutch gearbox
- T8au 8-pin connector, black
- T8aux 8-pin connector, black
- T16s 16-pin connector, black
- TML Coupling point in engine compartment, left
- * see applicable current flow diagram for dual clutch gearbox
- *2 Data bus wire (LIN bus)



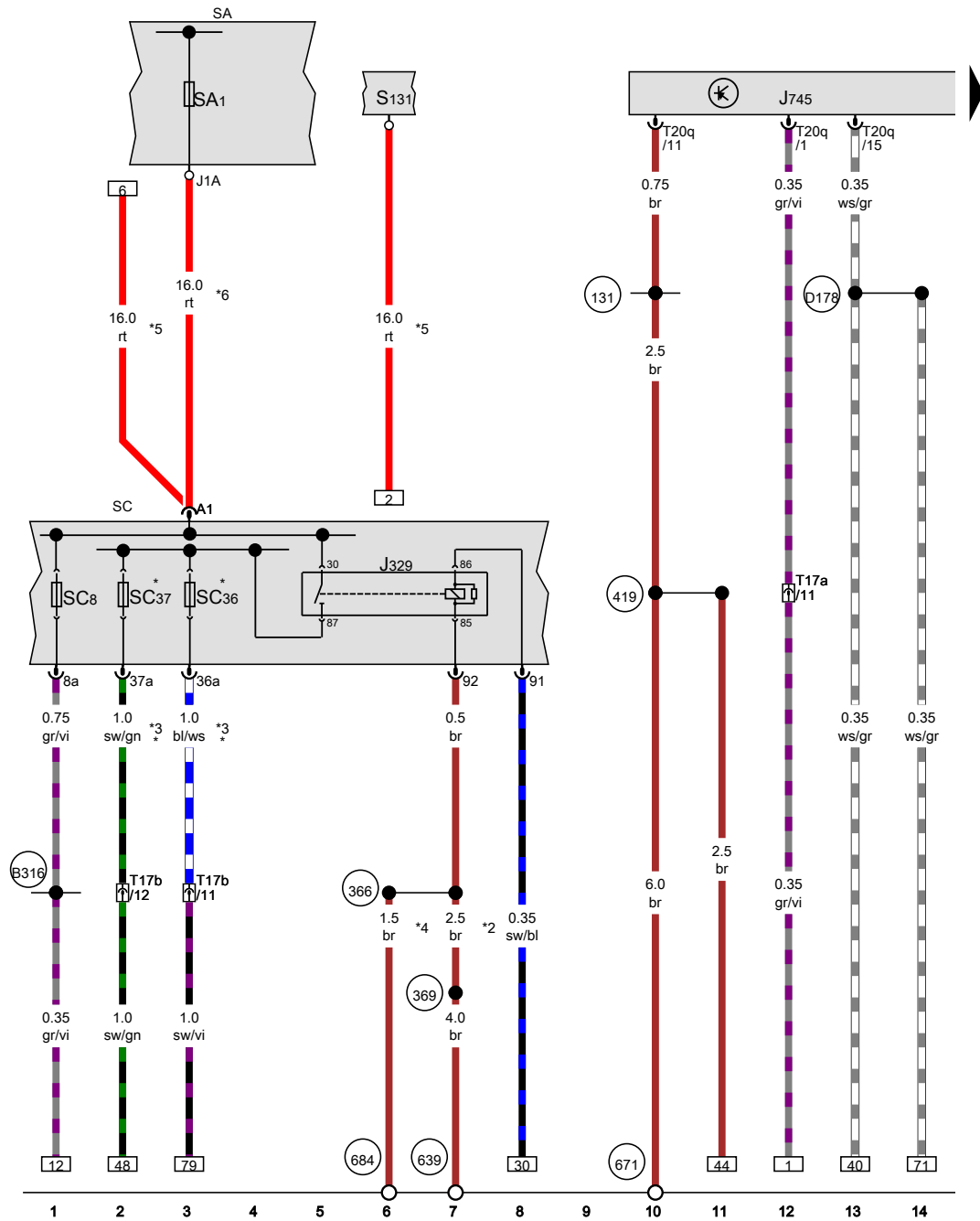
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- gr = grey
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- vi = purple
- ge = yellow
- or = orange
- rs = pink

295 296 297 298 299 300 301 302 303 304 305 306 307 308

18VW-194231119

LED headlights , (8IT)

From May 2017

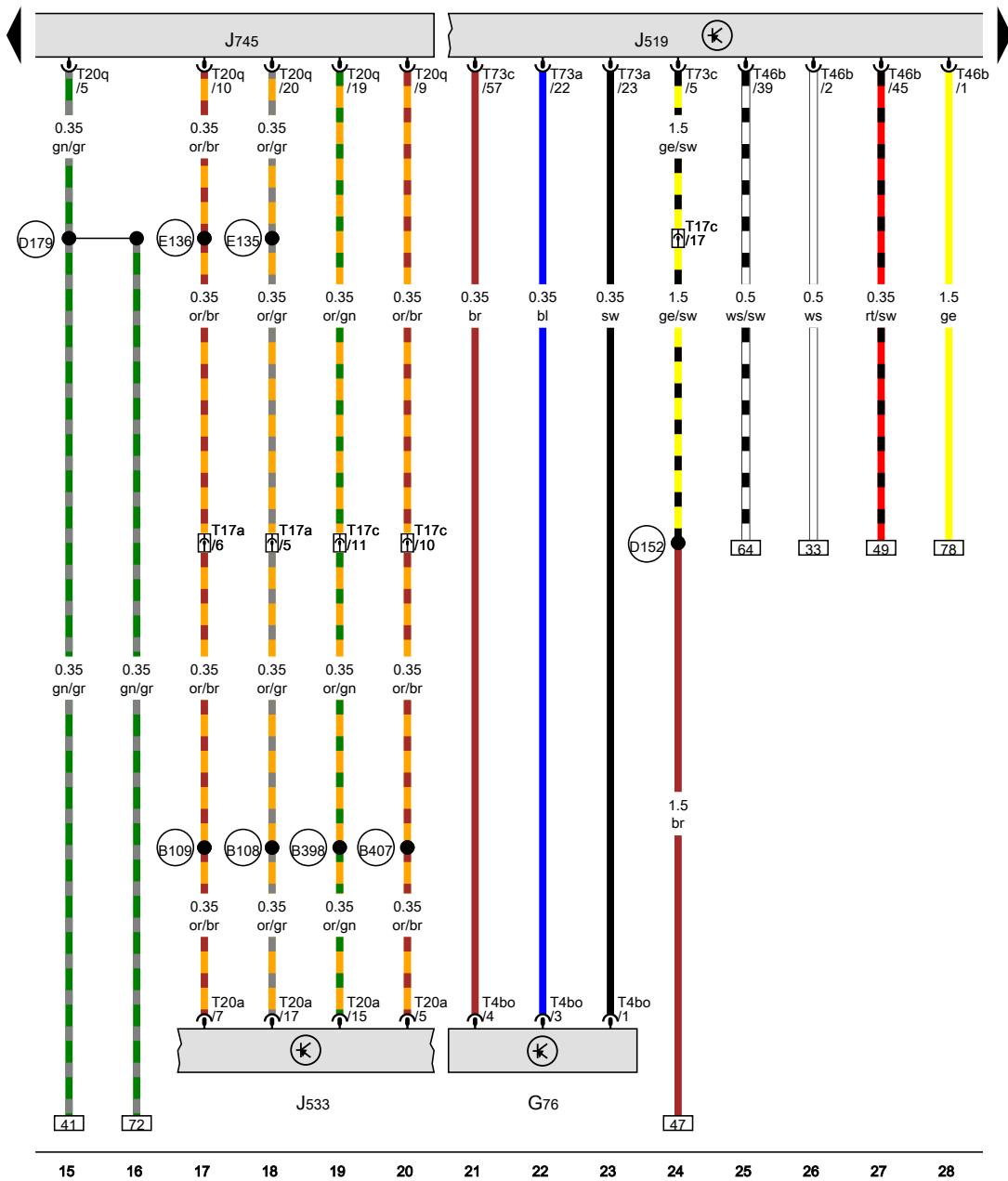


ws = white
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Terminal 15 voltage supply relay, Control unit for cornering light and headlight range control, Fuse 1 on fuse holder A, Fuse holder C

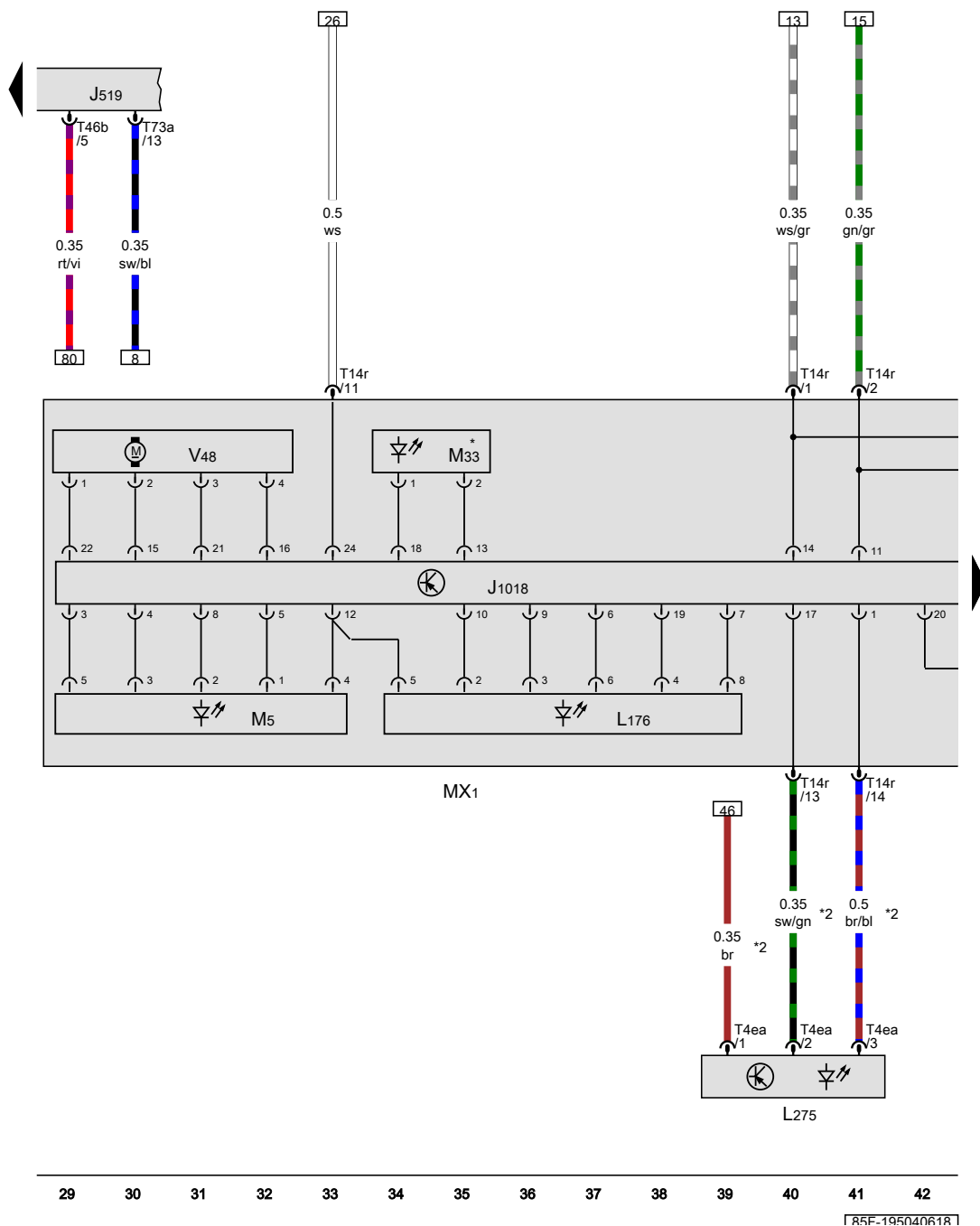
- J329 Terminal 15 voltage supply relay
- J745 Control unit for cornering light and headlight range control
- S131 Fuse 1
- SA Fuse holder A
- SA1 Fuse 1 on fuse holder A
- SC Fuse holder C
- SC8 Fuse 8 on fuse holder C
- SC36 Fuse 36 on fuse holder C
- SC37 Fuse 37 on fuse holder C
- T17a 17-pin connector, on lower section of left A-pillar, black
- T17b 17-pin connector, brown
- T20q 20-pin connector, brown
- 131 Earth connection 2, in engine compartment wiring harness
- 366 Earth connection 1, in main wiring harness
- 369 Earth connection 4, in main wiring harness
- 419 Earth connection 11, in engine compartment wiring harness
- 639 Earth point, left A-pillar
- 671 Earth point 1, on front of left longitudinal member
- 684 Earth point on front of left side member
- B316 Positive connection 2 (30a) in main wiring harness
- D178 Connection 2 (high bus), in engine compartment wiring harness
- * Fuse rating depends on equipment, see fitting locations
- *2 For left-hand drive models
- *3 Cross section depends on equipment
- *4 For right-hand drive models
- *5 For RS 3 models
- *6 Not for RS 3 models

Rear left vehicle level sender, Onboard supply control unit,
Control unit for cornering light and headlight range control



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rt = red
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gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

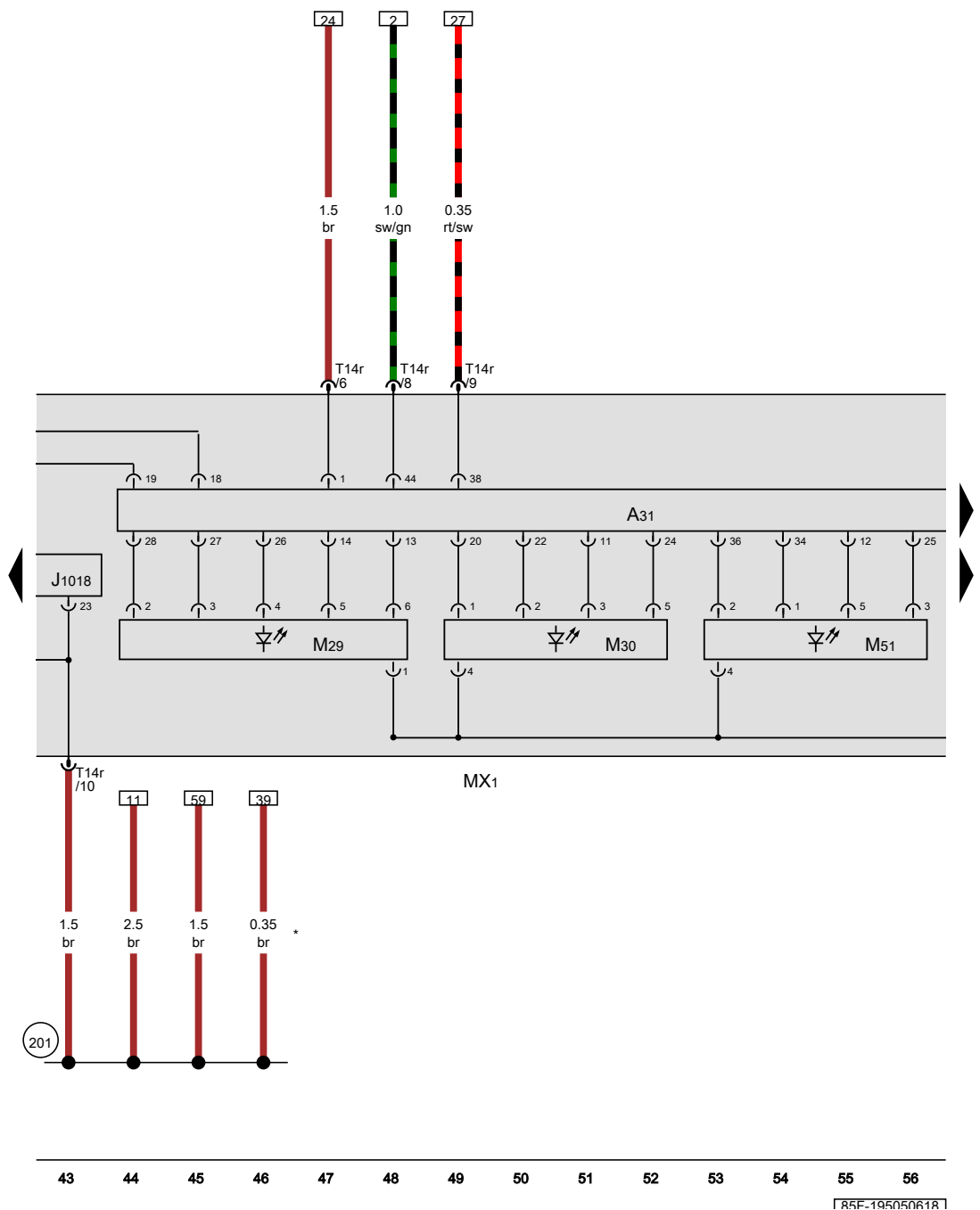
- G76 Rear left vehicle level sender
- J519 Onboard supply control unit
- J533 Data bus diagnostic interface
- J745 Control unit for cornering light and headlight range control
- T4bo 4-pin connector, black
- T17a 17-pin connector, on lower section of left A-pillar, black
- T17c 17-pin connector, on lower section of left A-pillar, red
- T20a 20-pin connector, red
- T20q 20-pin connector, brown
- T46b 46-pin connector, black
- T73a 73-pin connector, black
- T73c 73-pin connector, black
- B108 Connection 1 (CAN bus extended high), in main wiring harness
- B109 Connection 1 (CAN bus extended low), in main wiring harness
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness
- D152 Positive connection 1 (56b), in engine compartment wiring harness
- D179 Connection 2 (low bus), in engine compartment wiring harness
- E135 Connection (CAN bus extended high), in engine compartment wiring harness
- E136 Connection (CAN bus extended low), in engine compartment wiring harness



Onboard supply control unit, Left light control unit, Left LED module for daytime running light and side light, Light for left signature lighting, Front left headlight, Front left turn signal bulb, Front left side marker bulb, Left headlight range control motor

- J519 Onboard supply control unit
- J1018 Left light control unit
- L176 Left LED module for daytime running light and side light
- L275 Light for left signature lighting
- MX1 Front left headlight
- M5 Front left turn signal bulb
- M33 Front left side marker bulb
- T4ea 4-pin connector
- T14r 14-pin connector, black
- T46b 46-pin connector, black
- T73a 73-pin connector, black
- V48 Left headlight range control motor
- * For American markets
- *2 For models with hybrid drive system

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



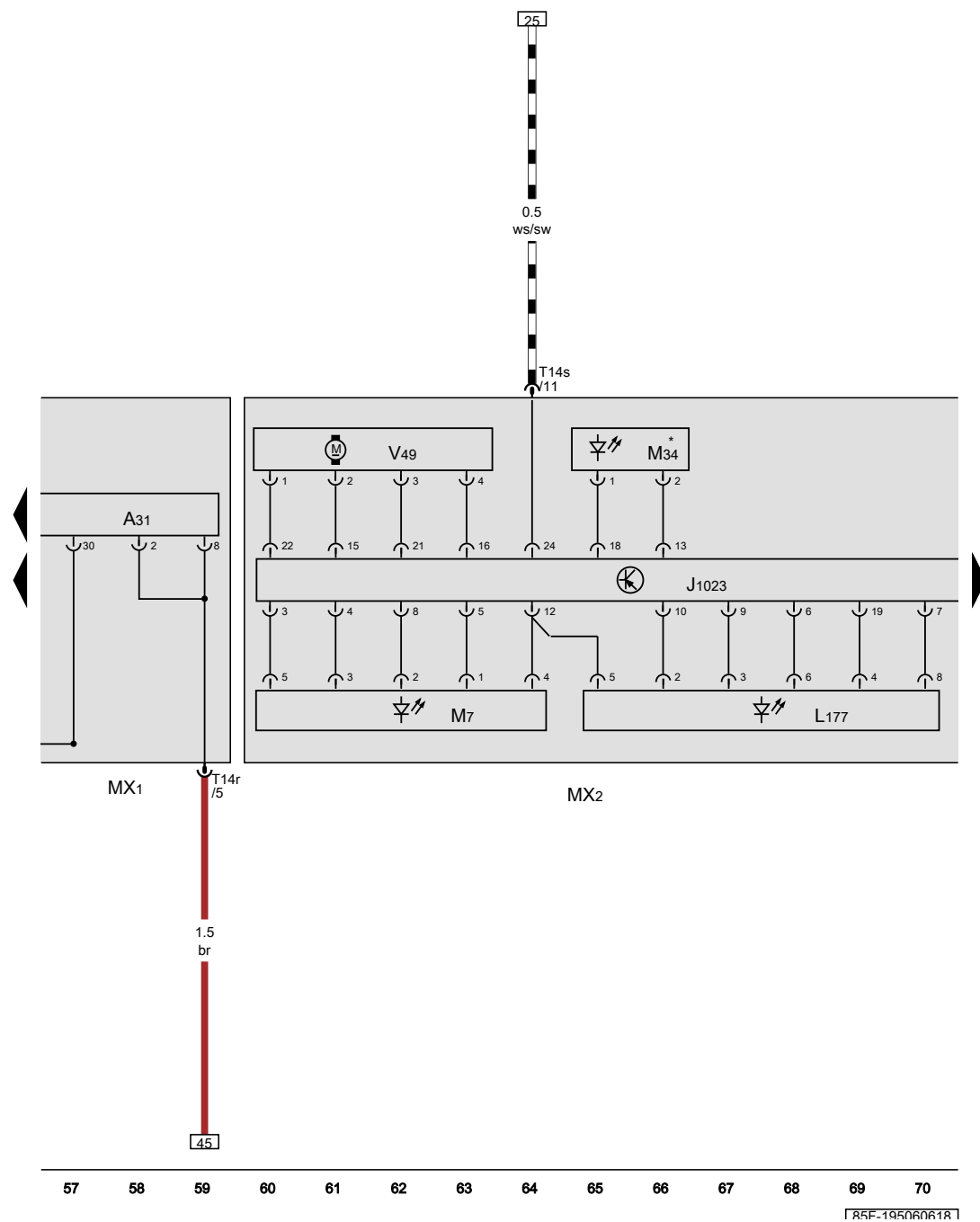
Output module 1 for left LED headlight, Left light control unit, Front left headlight, Left headlight dipped beam bulb, Left headlight main beam bulb, Left static cornering light

- A31 Output module 1 for left LED headlight
- J1018 Left light control unit
- MX1 Front left headlight
- M29 Left headlight dipped beam bulb
- M30 Left headlight main beam bulb
- M51 Left static cornering light
- T14r 14-pin connector, black

201 Earth connection 5, in engine compartment wiring harness

* For models with hybrid drive system

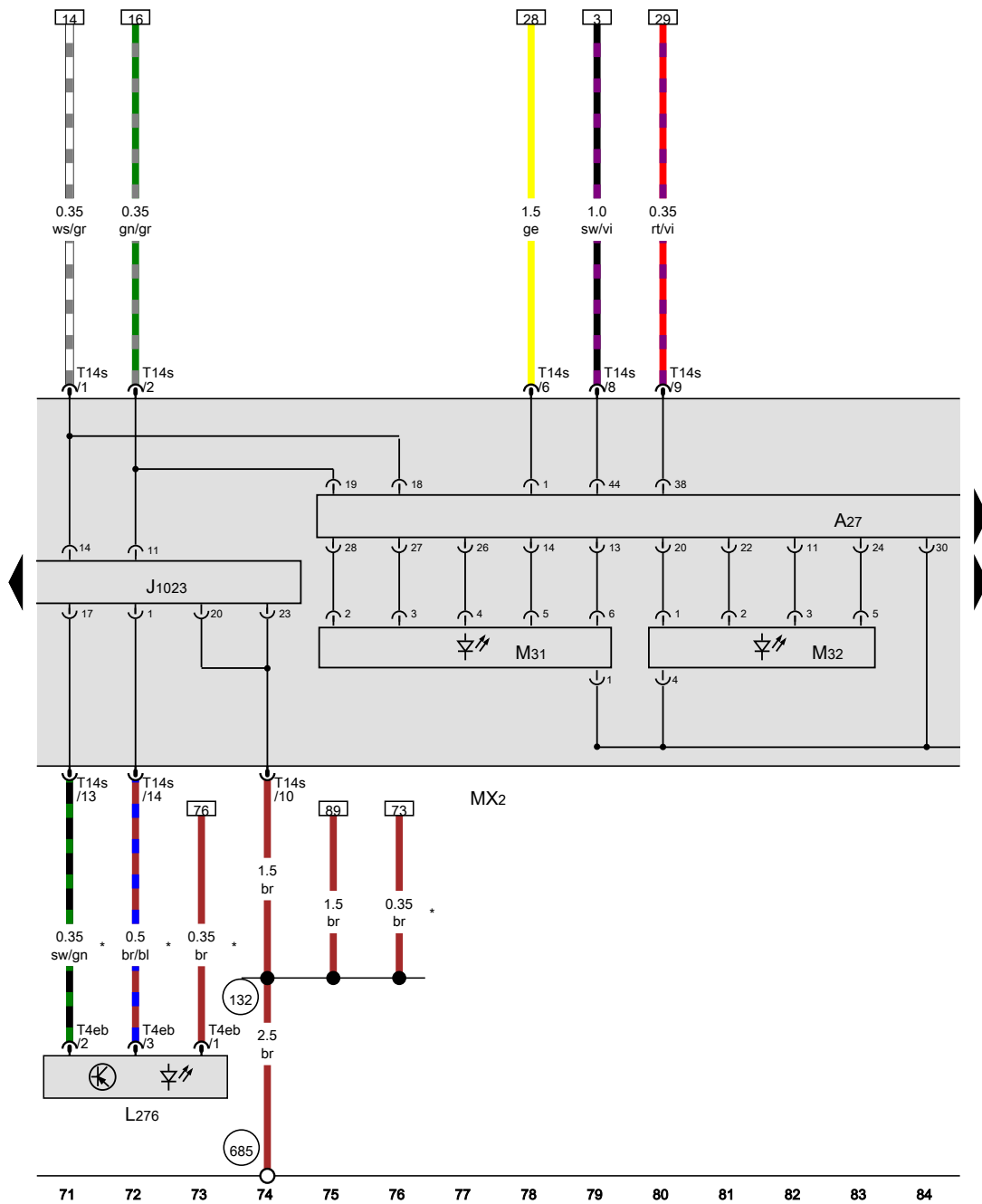
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- bl = blue
- gr = grey
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- ge = yellow
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- rs = pink



Output module 1 for left LED headlight, Right light control unit, Right LED module for daytime running light and side light, Front left headlight, Front right headlight, Front right turn signal bulb, Front right side marker bulb, Right headlight range control motor

- A31 Output module 1 for left LED headlight
- J1023 Right light control unit
- L177 Right LED module for daytime running light and side light
- MX1 Front left headlight
- MX2 Front right headlight
- M7 Front right turn signal bulb
- M34 Front right side marker bulb
- T14r 14-pin connector, black
- T14s 14-pin connector, black
- V49 Right headlight range control motor
- * For American markets

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink



Output module 1 for right LED headlight, Right light control unit, Front right headlight, Right headlight dipped beam bulb, Right headlight main beam bulb

- A27 Output module 1 for right LED headlight
- J1023 Right light control unit
- L276 Light for right signature lighting
- MX2 Front right headlight
- M31 Right headlight dipped beam bulb
- M32 Right headlight main beam bulb
- T4eb 4-pin connector
- T14s 14-pin connector, black

132 Earth connection 3, in engine compartment wiring harness

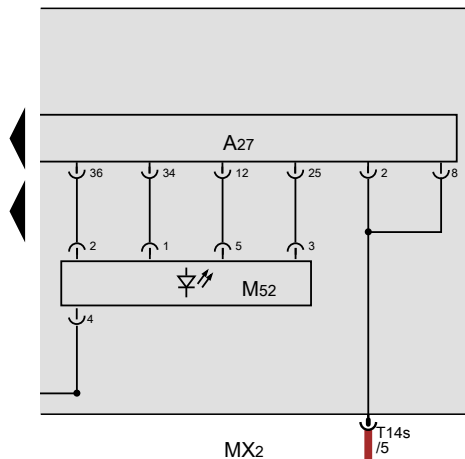
685 Earth point 1, on front of right longitudinal member

* For models with hybrid drive system

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Output module 1 for right LED headlight, Front right headlight, Right static cornering light

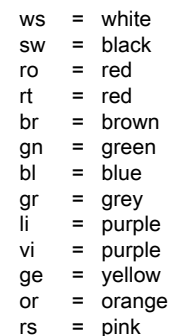
- A27 Output module 1 for right LED headlight
- MX2 Front right headlight
- M52 Right static cornering light
- T14s 14-pin connector, black



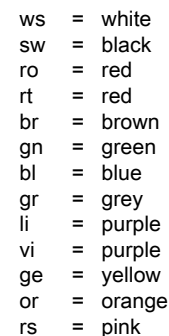
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- bl = blue
- gr = grey
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- vi = purple
- ge = yellow
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- rs = pink

LED matrix beam headlights , (8G4)

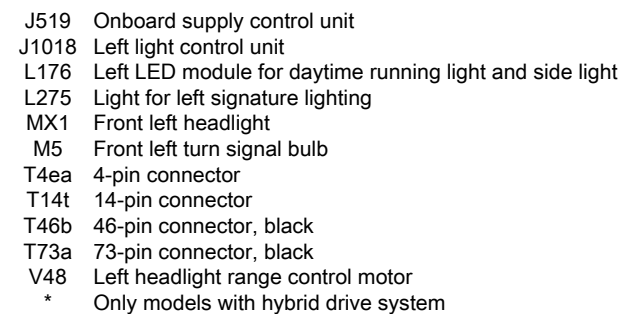
From May 2017



- * Only left-hand drive models
- *2 Not for RS 3 models
- *3 Only right-hand drive models
- *4 Only for RS 3 models



G76	Rear left vehicle level sender
G78	Front left vehicle level sender
J519	Onboard supply control unit
J533	Data bus diagnostic interface
J745	Control unit for cornering light and headlight range control
T4bo	4-pin connector, black
T4bq	4-pin connector
T17a	17-pin connector, on lower section of left A-pillar, black
T17c	17-pin connector, on lower section of left A-pillar, red
T20a	20-pin connector, red
T20q	20-pin connector, brown
T46b	46-pin connector, black
T73a	73-pin connector, black
T73c	73-pin connector, black
327	Earth connection (sender earth), in engine compartment wiring harness
B108	Connection 1 (CAN bus extended high), in main wiring harness
B109	Connection 1 (CAN bus extended low), in main wiring harness
B398	Connection 2 (convenience CAN bus, high), in main wiring harness
B407	Connection 2 (convenience CAN bus, low), in main wiring harness
D152	Positive connection 1 (56b), in engine compartment wiring harness
D179	Connection 2 (low bus), in engine compartment wiring harness
E135	Connection (CAN bus extended high), in engine compartment wiring harness
E136	Connection (CAN bus extended low), in engine compartment wiring harness



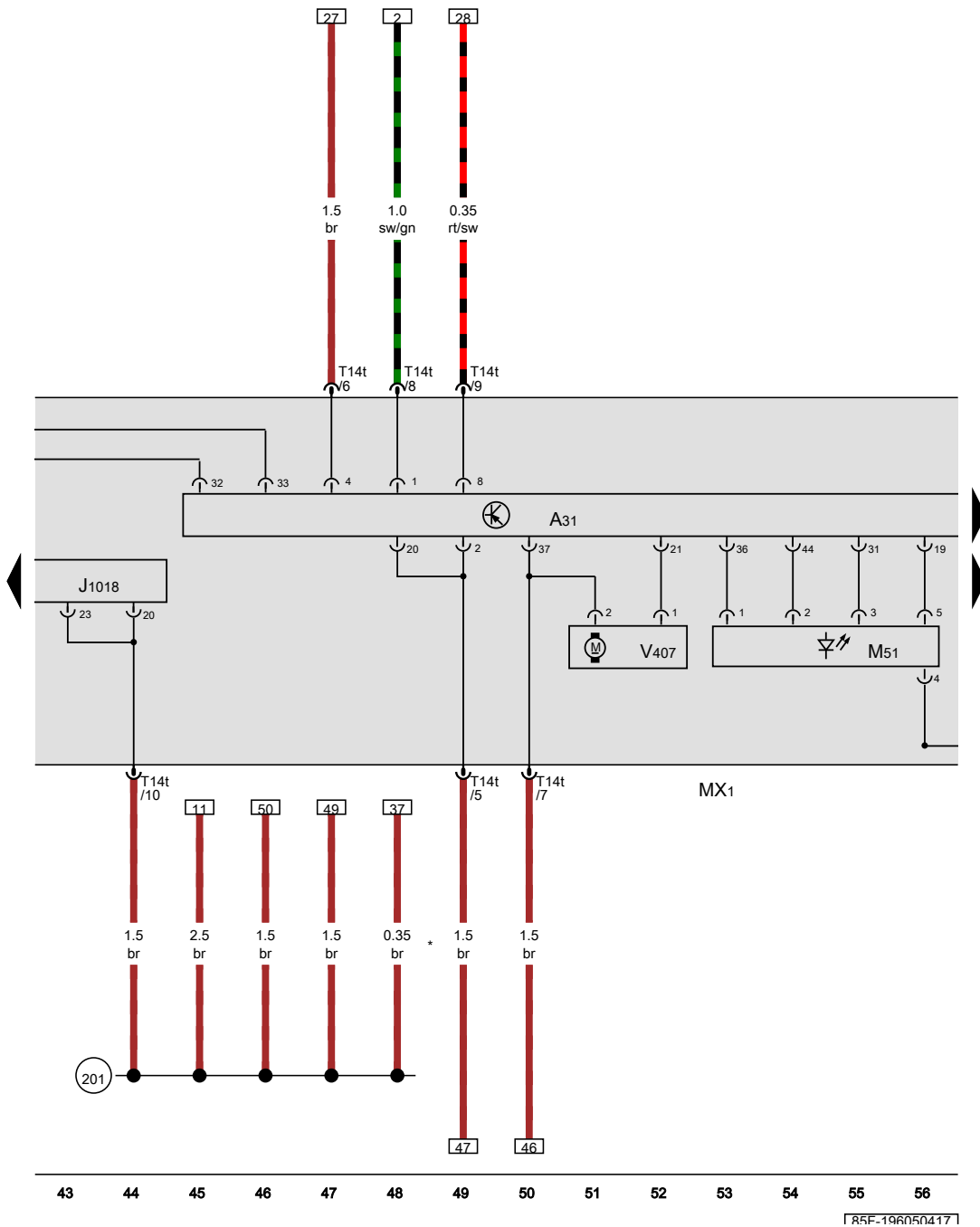
04.2017

Output module 1 for left LED headlight, Left light control unit, Front left headlight, Left static cornering light, Left headlight fan

- A31 Output module 1 for left LED headlight
- J1018 Left light control unit
- MX1 Front left headlight
- M51 Left static cornering light
- T14t 14-pin connector
- V407 Left headlight fan

201 Earth connection 5, in engine compartment wiring harness

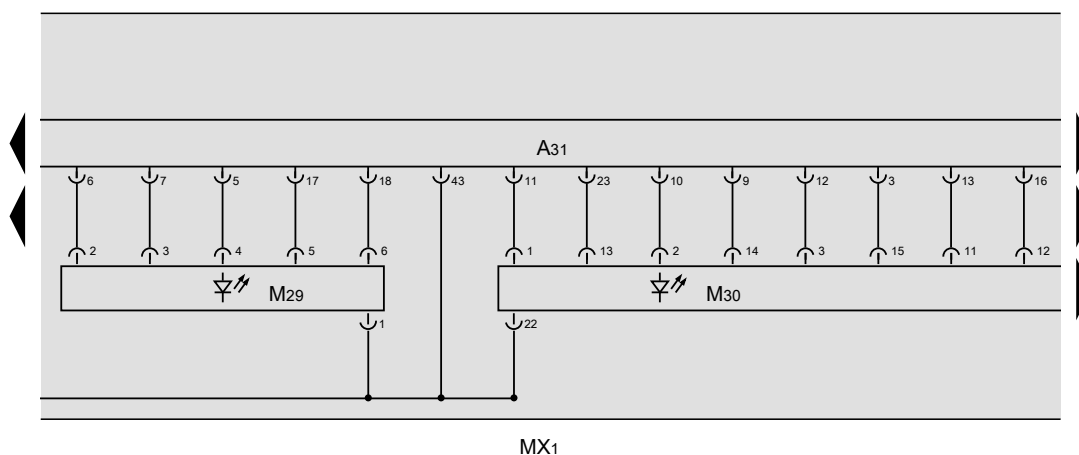
* Only models with hybrid drive system



- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Output module 1 for left LED headlight, Front left headlight, Left headlight dipped beam bulb, Left headlight main beam bulb

- A31 Output module 1 for left LED headlight
- MX1 Front left headlight
- M29 Left headlight dipped beam bulb
- M30 Left headlight main beam bulb



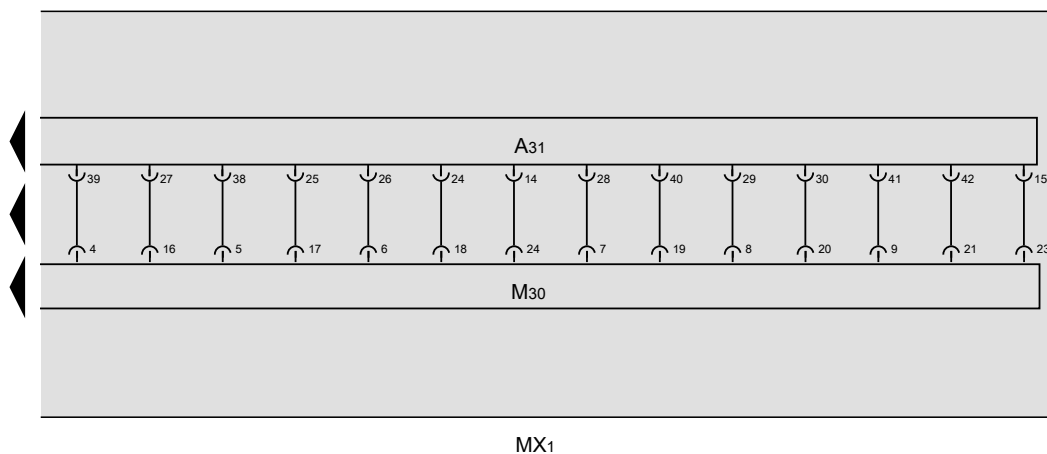
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- sw = black
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- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

57 58 59 60 61 62 63 64 65 66 67 68 69 70

[85F-196060417]

Output module 1 for left LED headlight, Front left headlight,
Left headlight main beam bulb

A31 Output module 1 for left LED headlight
MX1 Front left headlight
M30 Left headlight main beam bulb



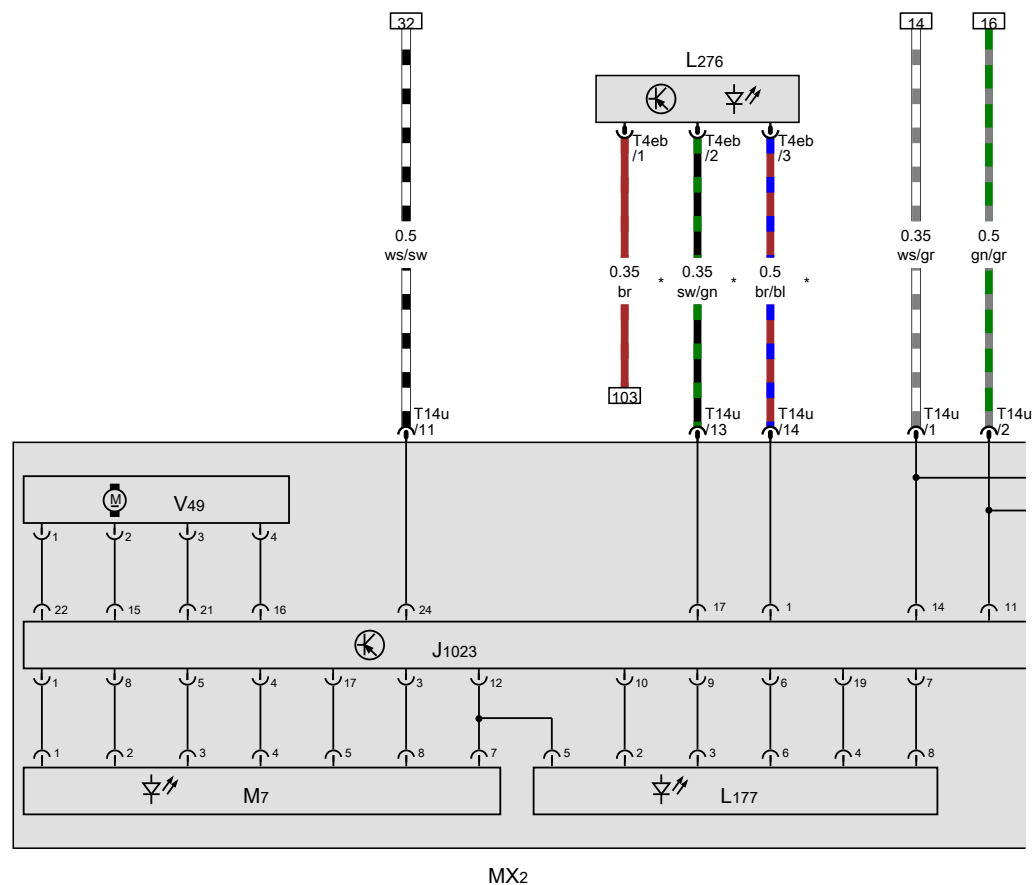
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sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

71 72 73 74 75 76 77 78 79 80 81 82 83 84

[85F-196070417]

Right light control unit, Right LED module for daytime running light and side light, Front right headlight, Front right turn signal bulb, Right headlight range control motor

- J1023 Right light control unit
- L177 Right LED module for daytime running light and side light
- L276 Light for right signature lighting
- MX2 Front right headlight
- M7 Front right turn signal bulb
- T4eb 4-pin connector
- T14u 14-pin connector
- V49 Right headlight range control motor
- * Only models with hybrid drive system



- ws = white
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- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

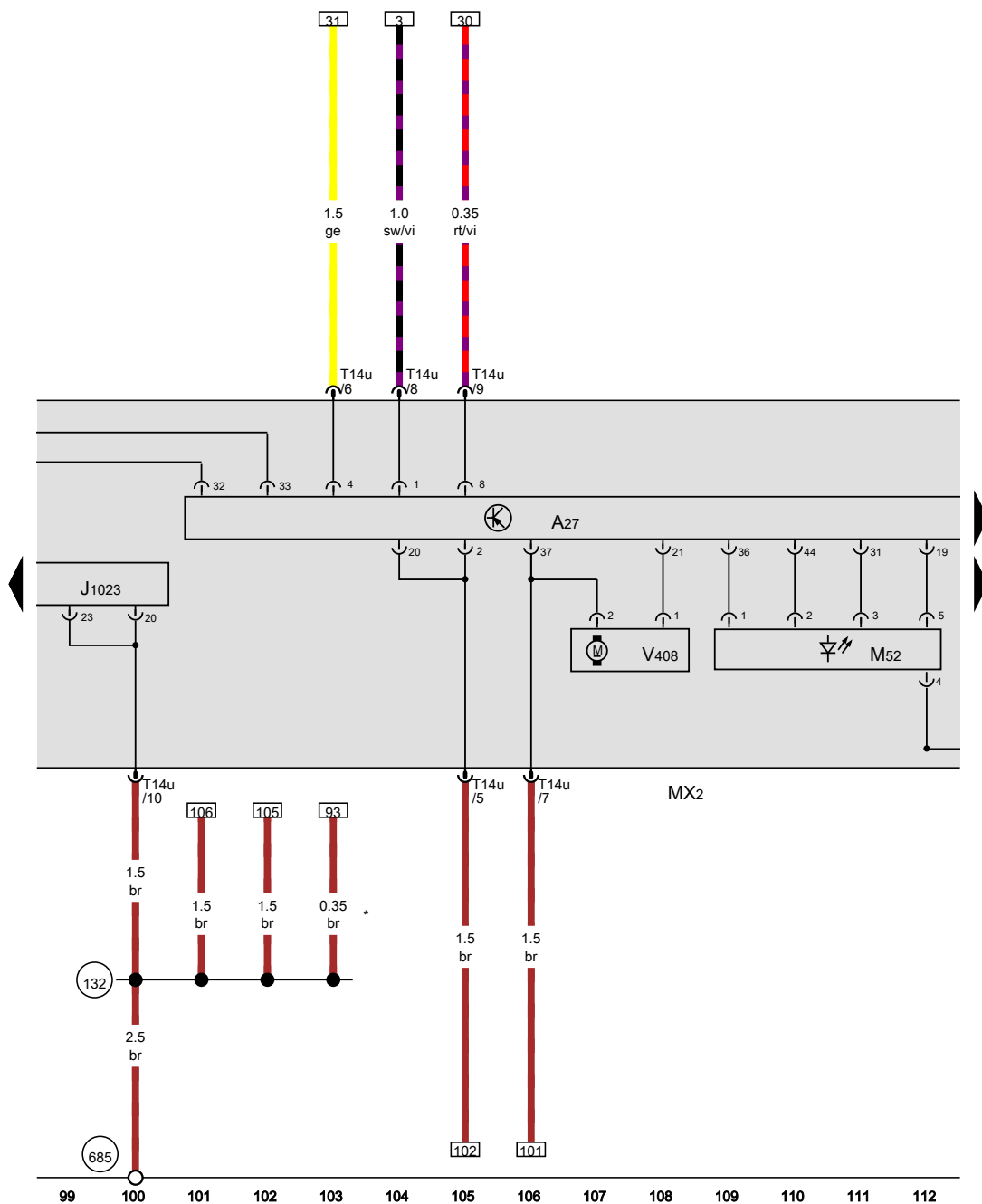
Output module 1 for right LED headlight, Right light control unit, Front right headlight, Right static cornering light, Right headlight fan

- A27 Output module 1 for right LED headlight
- J1023 Right light control unit
- MX2 Front right headlight
- M52 Right static cornering light
- T14u 14-pin connector
- V408 Right headlight fan

132 Earth connection 3, in engine compartment wiring harness

685 Earth point 1, on front of right longitudinal member

* Only models with hybrid drive system

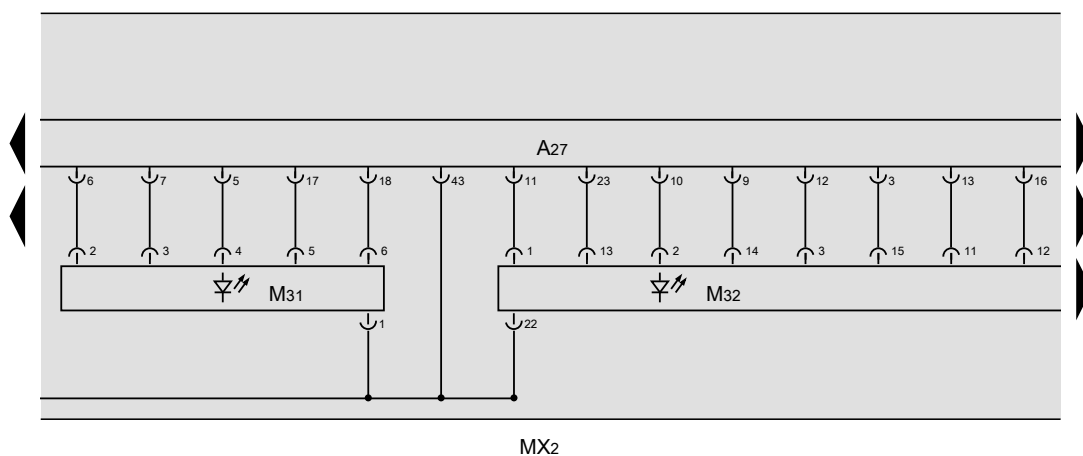


- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

[85F-196090417]

Output module 1 for right LED headlight, Front right headlight, Right headlight dipped beam bulb, Right headlight main beam bulb

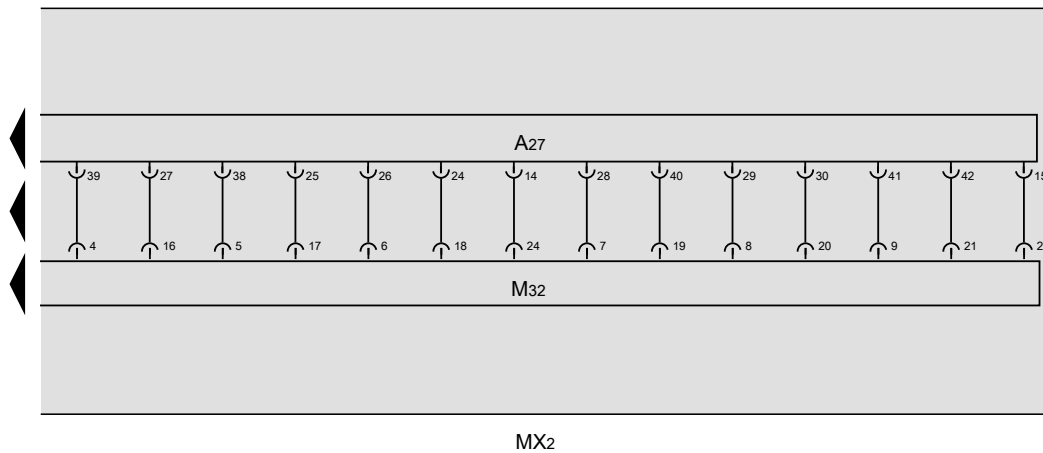
- A27 Output module 1 for right LED headlight
- MX2 Front right headlight
- M31 Right headlight dipped beam bulb
- M32 Right headlight main beam bulb



- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Output module 1 for right LED headlight, Front right headlight, Right headlight main beam bulb

- A27 Output module 1 for right LED headlight
- MX2 Front right headlight
- M32 Right headlight main beam bulb



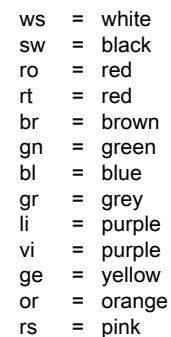
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- gn = green
- bl = blue
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- vi = purple
- ge = yellow
- or = orange
- rs = pink

127 128 129 130 131 132 133 134 135 136 137 138 139 140

[85F-196110417]

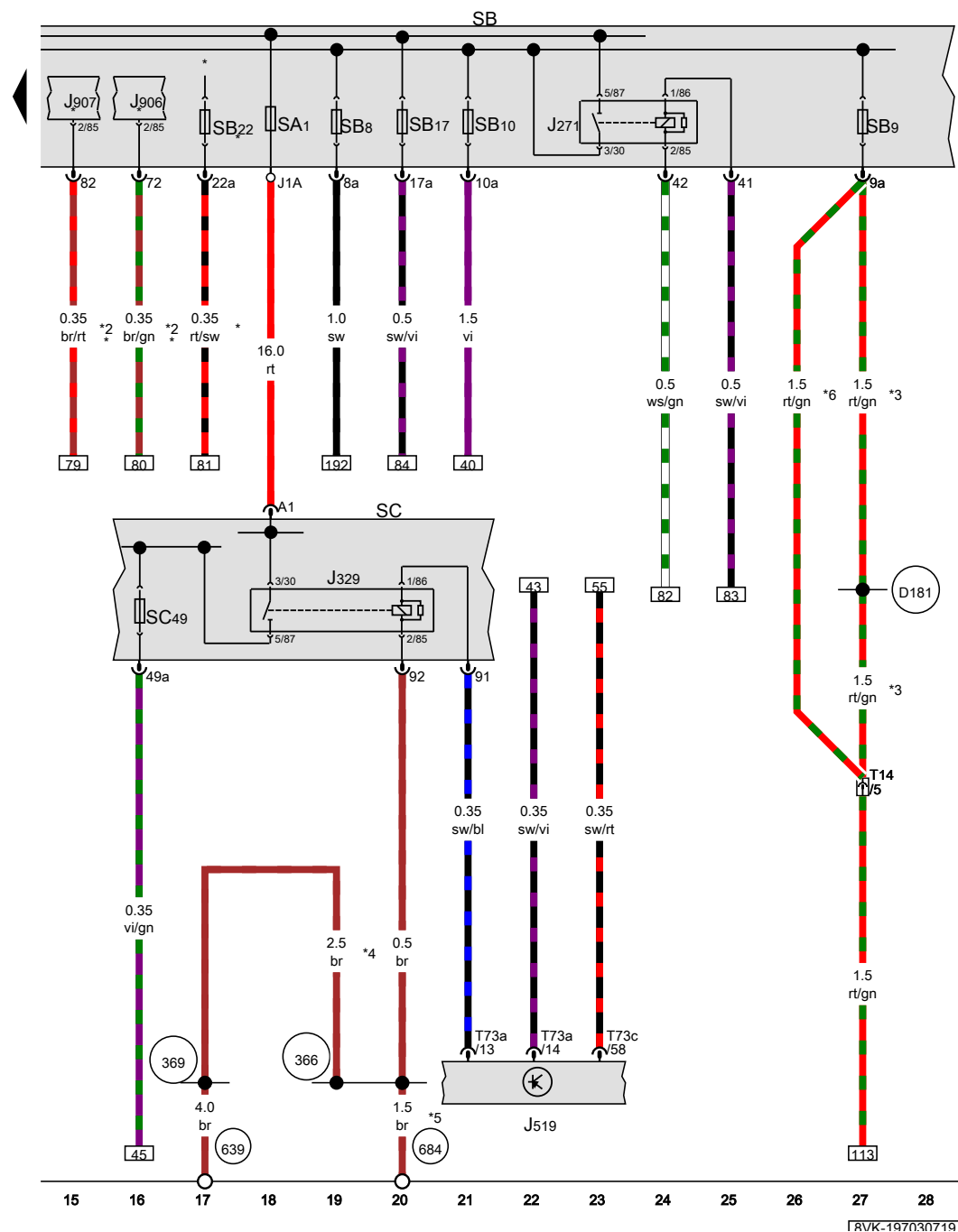
1.5l petrol engine , DADA,DPCA

From May 2017



A	Battery
J318	Vacuum pump relay
SB	Fuse holder B
SB3	Fuse 3 on fuse holder B
SB4	Fuse 4 on fuse holder B
SB6	Fuse 6 on fuse holder B
SB7	Fuse 7 on fuse holder B
SB12	Fuse 12 on fuse holder B
SB31	Fuse 31 on fuse holder B
T2rt	2-pin connector, black
V192	Vacuum pump for brakes

132	Earth connection 3, in engine compartment wiring harness
685	Earth point 1, on front of right longitudinal member
*	see applicable current flow diagram for battery in engine compartment



Main relay, Terminal 15 voltage supply relay, Onboard supply control unit, Fuse holder B, Fuse holder C

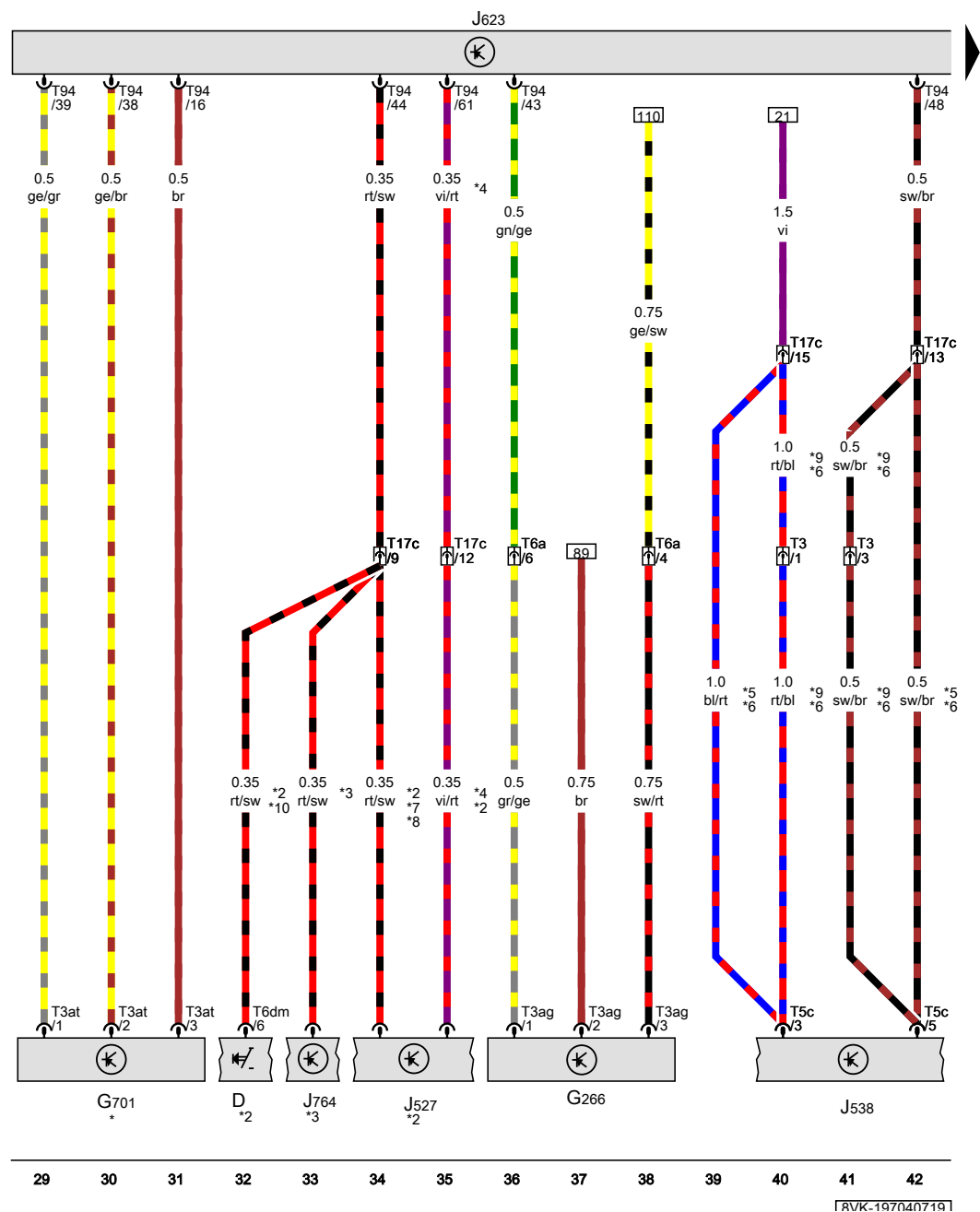
- J271 Main relay
- J329 Terminal 15 voltage supply relay
- J519 Onboard supply control unit
- J906 Starter relay 1
- J907 Starter relay 2
- SA1 Fuse 1 on fuse holder A
- SB Fuse holder B
- SB8 Fuse 8 on fuse holder B
- SB9 Fuse 9 on fuse holder B
- SB10 Fuse 10 on fuse holder B
- SB17 Fuse 17 on fuse holder B
- SB22 Fuse 22 on fuse holder B
- SC Fuse holder C
- SC49 Fuse 49 on fuse holder C
- T14 14-pin connector, near front left longitudinal member, grey
- T73a 73-pin connector, black
- T73c 73-pin connector, black

- 366 Earth connection 1, in main wiring harness
- 369 Earth connection 4, in main wiring harness
- 639 Earth point, left A-pillar
- 684 Earth point on front of left side member
- D181 Connection 2 (87a), in engine compartment wiring harness

- * see applicable current flow diagram for battery in engine compartment
- *2 For models with start/stop system
- *3 Gradually discontinued
- *4 For left-hand drive models
- *5 For right-hand drive models
- *6 gradual introduction

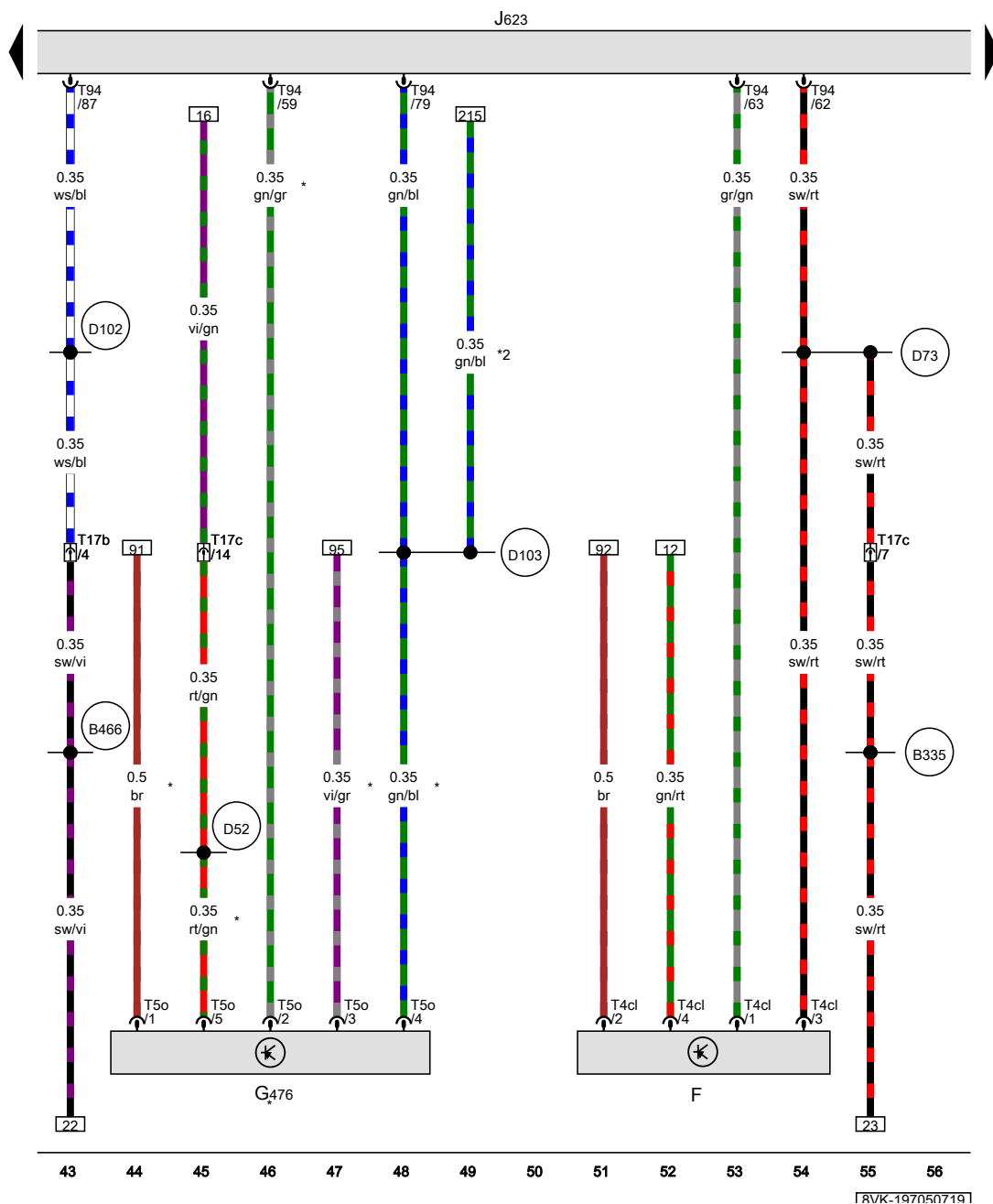
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- gr = grey
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- vi = purple
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- rs = pink

Oil level and oil temperature sender, Gearbox neutral position sender, Steering column electronics control unit, Fuel pump control unit, Engine/motor control unit, Control unit for electronic steering column lock



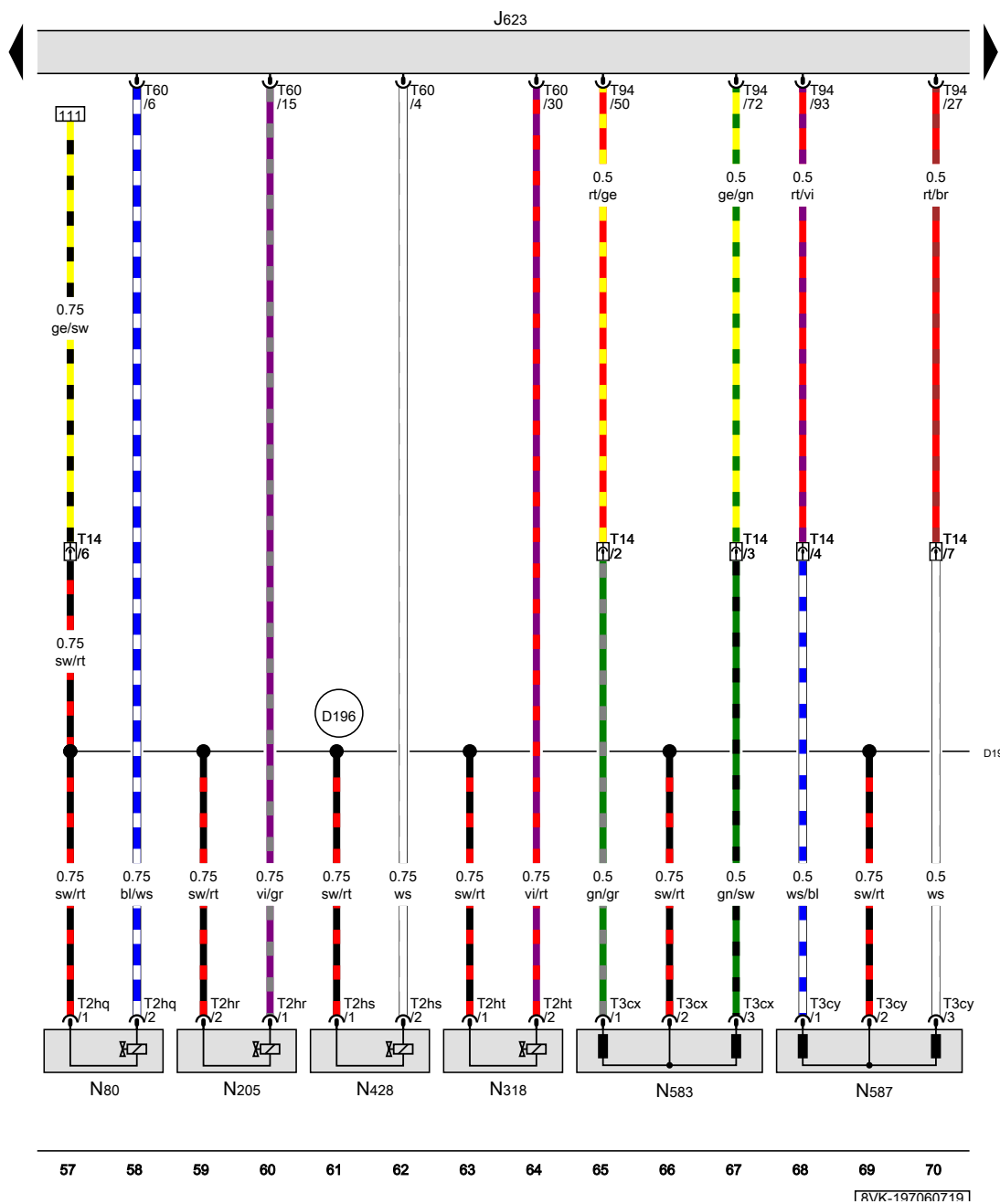
- D Ignition/starter switch
- G266 Oil level and oil temperature sender
- G701 Gearbox neutral position sender
- J527 Steering column electronics control unit
- J538 Fuel pump control unit
- J623 Engine/motor control unit
- J764 Control unit for electronic steering column lock
- T3 3-pin connector
- T3ag 3-pin connector, black
- T3at 3-pin connector, black
- T5c 5-pin connector, black
- T6a 6-pin connector, black
- T6dm 6-pin connector, black
- T17c 17-pin connector, on lower section of left A-pillar, red
- T94 94-pin connector, black
- * For models with manual gearbox
- *2 see applicable current flow diagram for steering column electronics
- *3 see applicable current flow diagram for entry and start authorisation
- *4 For models with cruise control system (CCS)
- *5 For models with no auxiliary heater
- *6 see applicable current flow diagram for fuel system
- *7 For models with no entry and start authorisation
- *8 Up to June 2018
- *9 For models with auxiliary heating
- *10 From July 2018

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



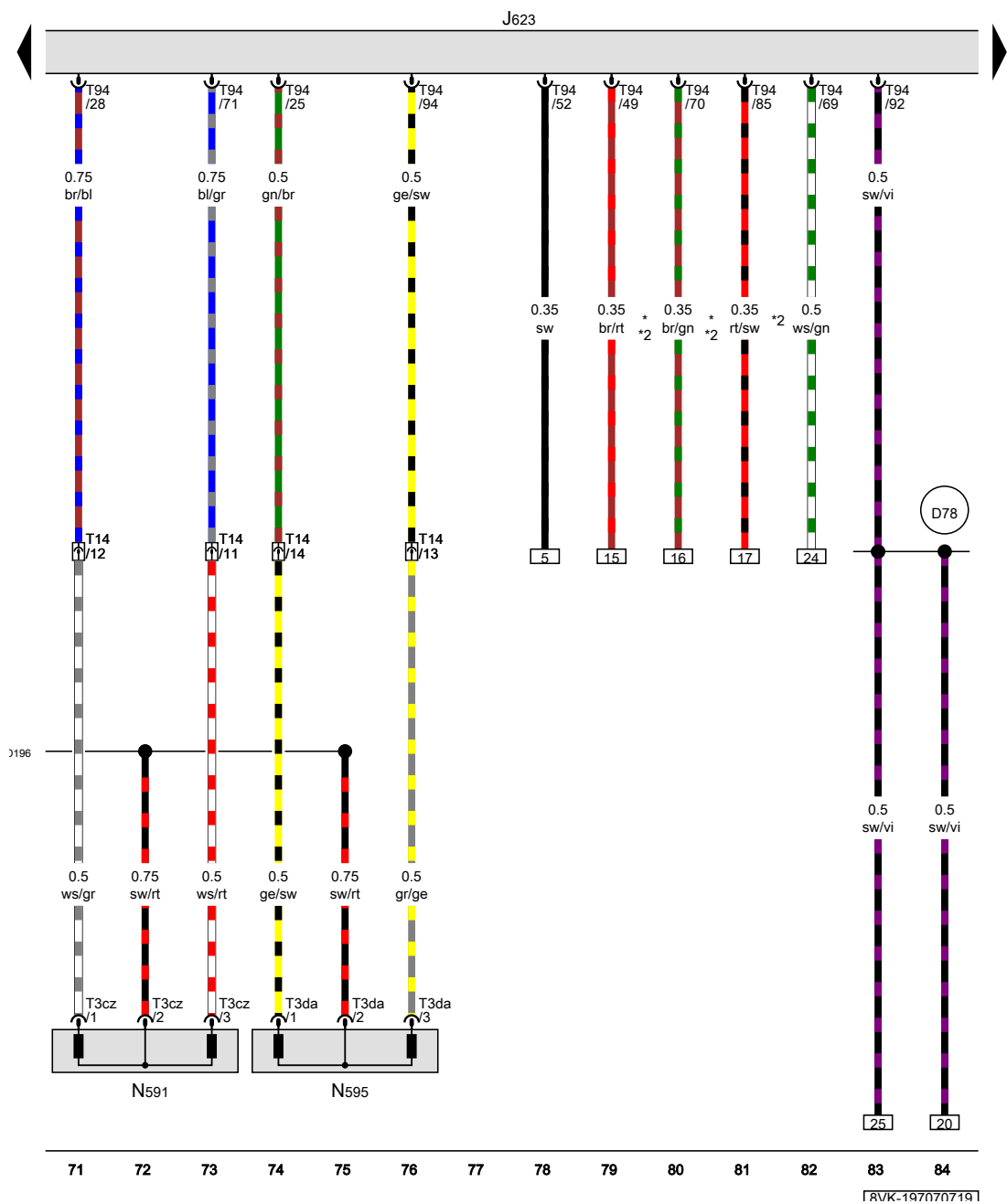
Brake light switch, Clutch position sender, Engine/motor control unit

- F Brake light switch
- G476 Clutch position sender
- J623 Engine/motor control unit
- T4cl 4-pin connector, black
- T5o 5-pin connector, black
- T17b 17-pin connector, on lower section of left A-pillar, brown
- T17c 17-pin connector, on lower section of left A-pillar, red
- T94 94-pin connector, black
- B335 Connection 1 (54), in main wiring harness
- B466 Connection 2, in main wiring harness
- D52 Positive connection (15a), in engine compartment wiring harness
- D73 Positive connection (54), in engine compartment wiring harness
- D102 Connection 2 in engine compartment wiring harness
- D103 Connection 3 in engine compartment wiring harness
- * For models with manual gearbox
- *2 For models with dual clutch gearbox



Engine/motor control unit, Activated charcoal filter solenoid valve 1, Camshaft control valve 1, Exhaust camshaft control valve 1, Valve for oil pressure control, Inlet cam actuator for cylinder 2, Exhaust cam actuator for cylinder 2

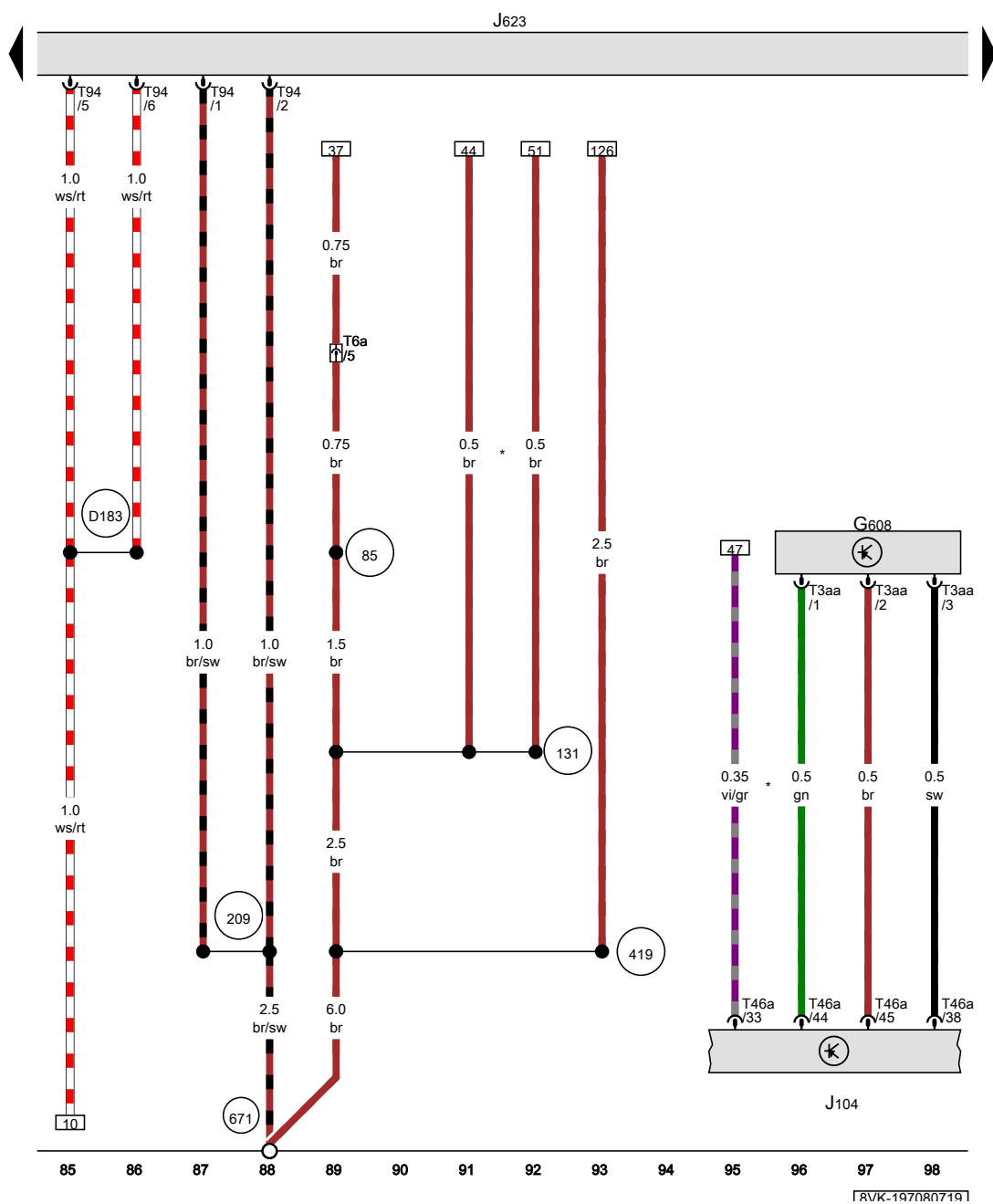
- J623 Engine/motor control unit
- N80 Activated charcoal filter solenoid valve 1
- N205 Camshaft control valve 1
- N318 Exhaust camshaft control valve 1
- N428 Valve for oil pressure control
- N583 Inlet cam actuator for cylinder 2
- N587 Exhaust cam actuator for cylinder 2
- T2hq 2-pin connector, black
- T2hr 2-pin connector, black
- T2hs 2-pin connector, black
- T2ht 2-pin connector, black
- T3cx 3-pin connector, black
- T3cy 3-pin connector, black
- T14 14-pin connector, near front left longitudinal member, grey
- T60 60-pin connector, black
- T94 94-pin connector, black
- D196 Connection 2 (87a) in engine prewiring harness



Engine/motor control unit, Inlet cam actuator for cylinder 3,
Exhaust cam actuator for cylinder 3

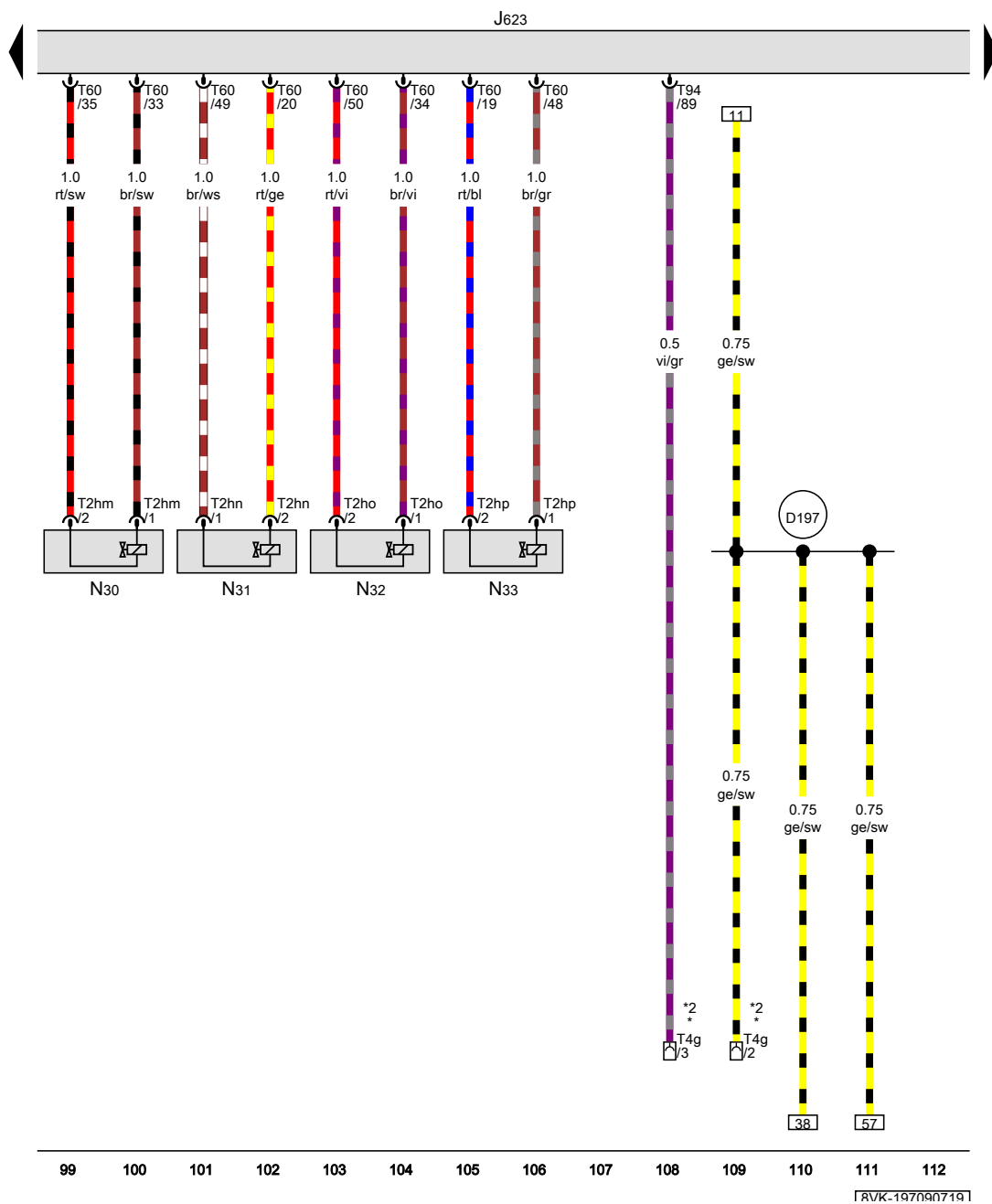
- J623 Engine/motor control unit
- N591 Inlet cam actuator for cylinder 3
- N595 Exhaust cam actuator for cylinder 3
- T3cz 3-pin connector, black
- T3da 3-pin connector, black
- T14 14-pin connector, near front left longitudinal member, grey
- T94 94-pin connector, black
- D78 Positive connection 1 (30a), in engine compartment wiring harness
- D196 Connection 2 (87a) in engine prewiring harness
- * For models with start/stop system
- *2 see applicable current flow diagram for battery in engine compartment

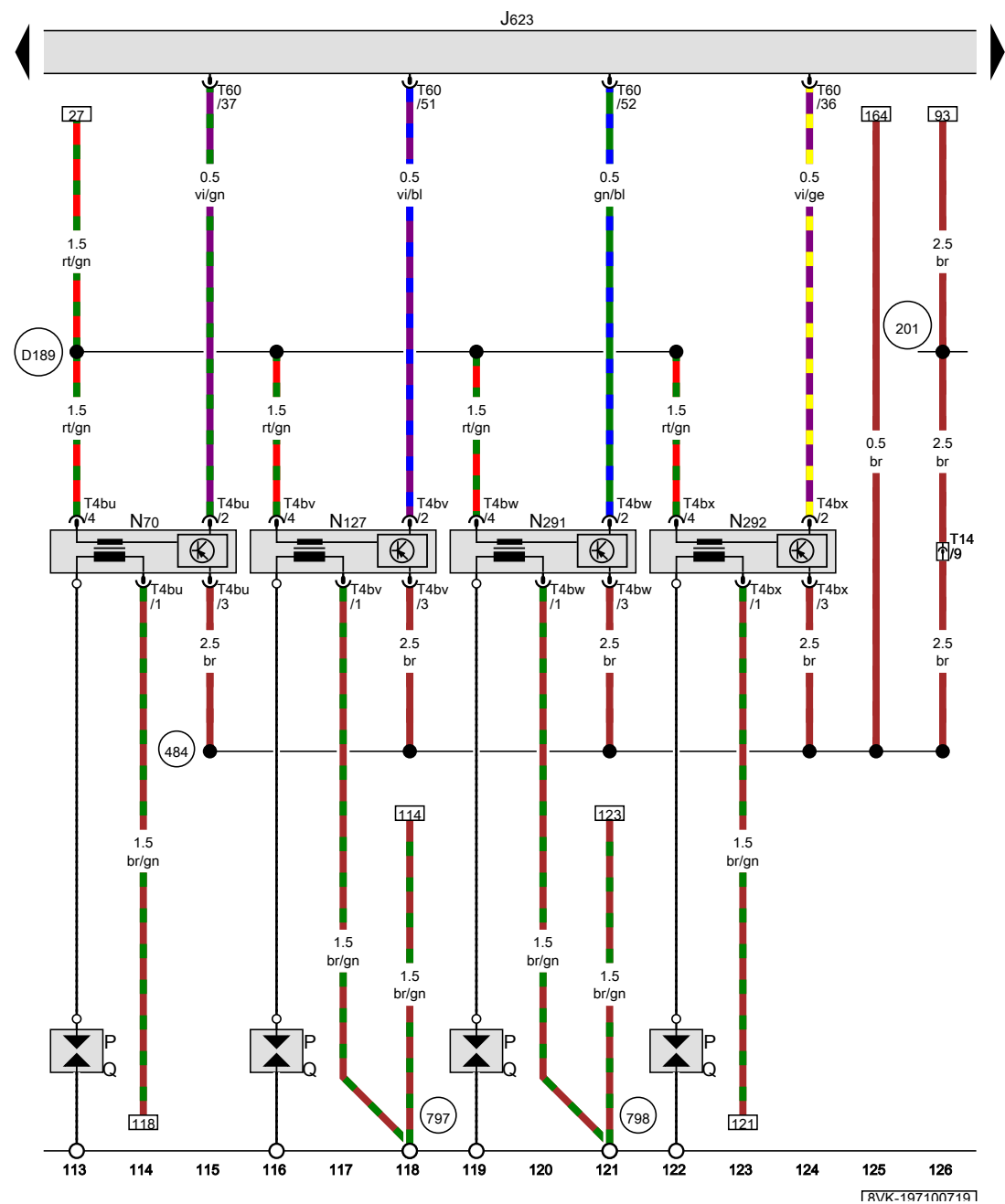
Vacuum sender, ABS control unit, Engine/motor control unit



1AVK-1970807191

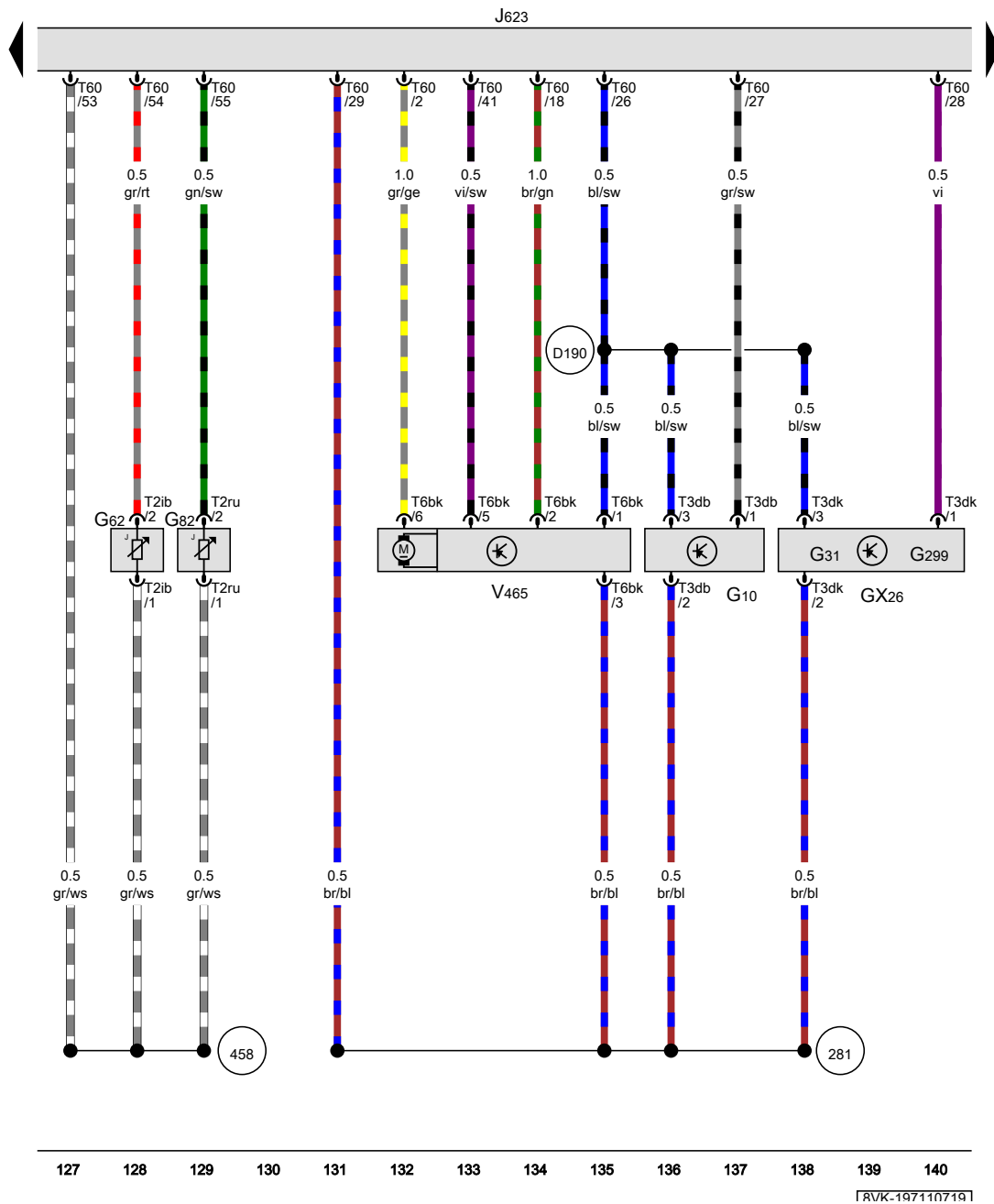
Engine/motor control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4





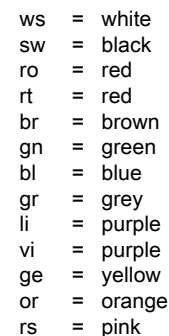
Engine/motor control unit, Ignition coil 1 with output stage, Ignition coil 2 with output stage, Ignition coil 3 with output stage, Ignition coil 4 with output stage

- J623 Engine/motor control unit
- N70 Ignition coil 1 with output stage
- N127 Ignition coil 2 with output stage
- N291 Ignition coil 3 with output stage
- N292 Ignition coil 4 with output stage
- P Spark plug connector
- Q Spark plugs
- T4bu 4-pin connector, black
- T4bv 4-pin connector, black
- T4bw 4-pin connector, black
- T4bx 4-pin connector, black
- T14 14-pin connector, near front left longitudinal member, grey
- T60 60-pin connector, black
- 201 Earth connection 5, in engine compartment wiring harness
- 484 Earth connection 2 (ignition coils), in engine prewiring harness
- 797 Earth point on cylinder block for ignition coil, cylinders 1 and 2
- 798 Earth point on cylinder block for ignition coil, cylinders 3 and 4
- D189 Connection (87a) in engine prewiring harness

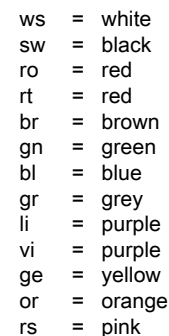


Oil pressure sender, Charge pressure sender, Coolant temperature sender, Engine outlet coolant temperature sender, Engine/motor control unit, Charge pressure positioner

- G10 Oil pressure sender
- GX26 Charge pressure sender
- G31 Charge pressure sender
- G62 Coolant temperature sender
- G82 Engine outlet coolant temperature sender
- G299 Intake air temperature sender 2
- J623 Engine/motor control unit
- T2ib 2-pin connector, black
- T2ru 2-pin connector, black
- T3db 3-pin connector, black
- T3dk 3-pin connector, black
- T6bk 6-pin connector, grey
- T60 60-pin connector, black
- V465 Charge pressure positioner
- 281 Earth point 1, engine prewiring harness
- 458 Earth point 3, engine prewiring harness
- D190 Connection 3 (5V) in engine prewiring harness

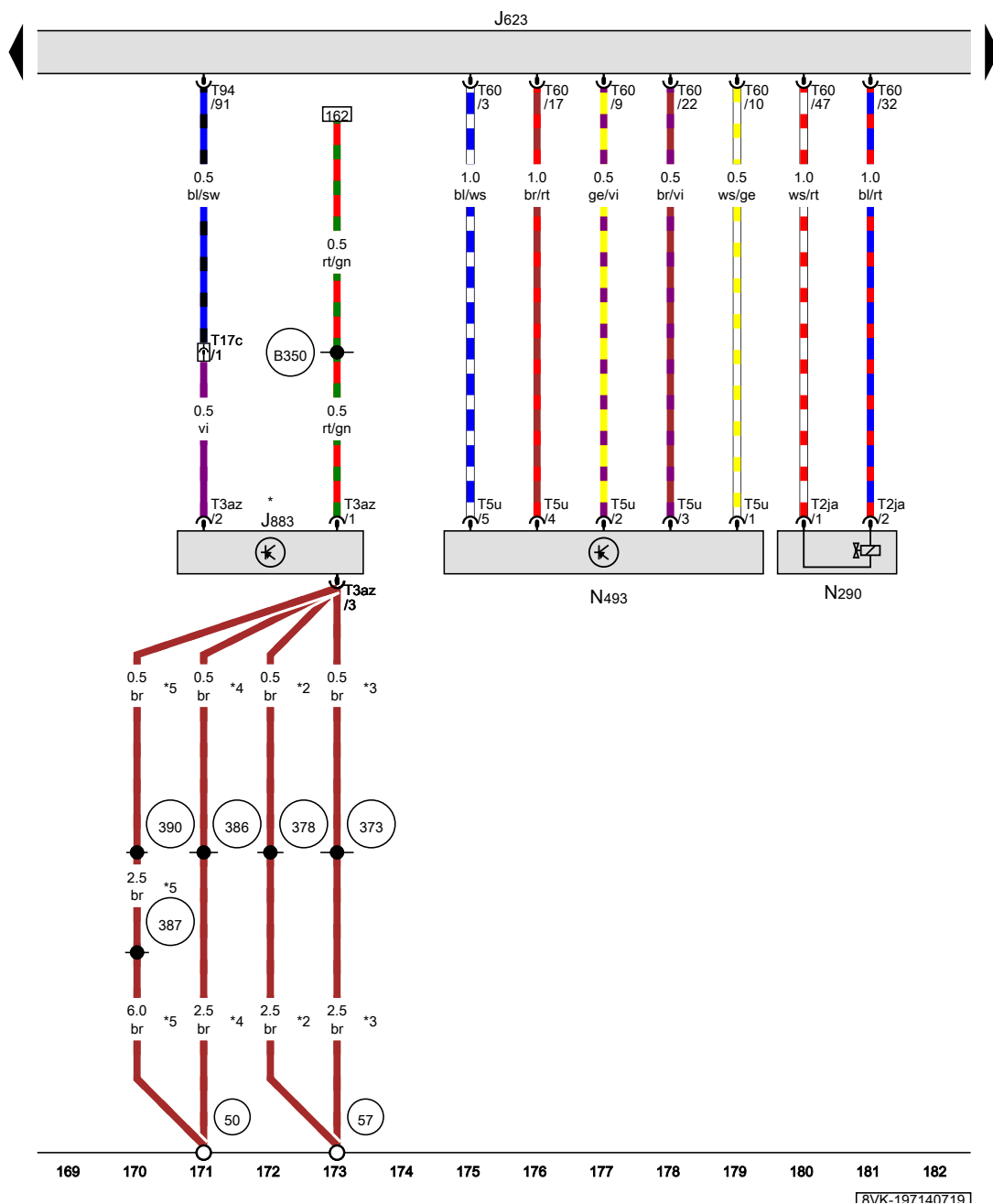


GX9	Intake manifold sender
G28	Engine speed sender
G40	Hall sender
G42	Intake air temperature sender
G71	Intake manifold pressure sender
G247	Fuel pressure sender
G450	Exhaust gas pressure sensor 1
J623	Engine/motor control unit
T3ak	3-pin connector, black
T3al	3-pin connector, black
T3ao	3-pin connector, black
T3cb	3-pin connector, black
T3dj	3-pin connector, black
T60	60-pin connector, black
283	Earth point 2, engine prewiring harness
1244	Earth point 7, engine prewiring harness
D141	Connection (5V) in engine prewiring harness
D174	Connection 2 (5V) in engine prewiring harness



* For emission standard Euro 6 DG

Engine/motor control unit, Exhaust flap control unit, Fuel metering valve, Actuator for engine temperature regulation

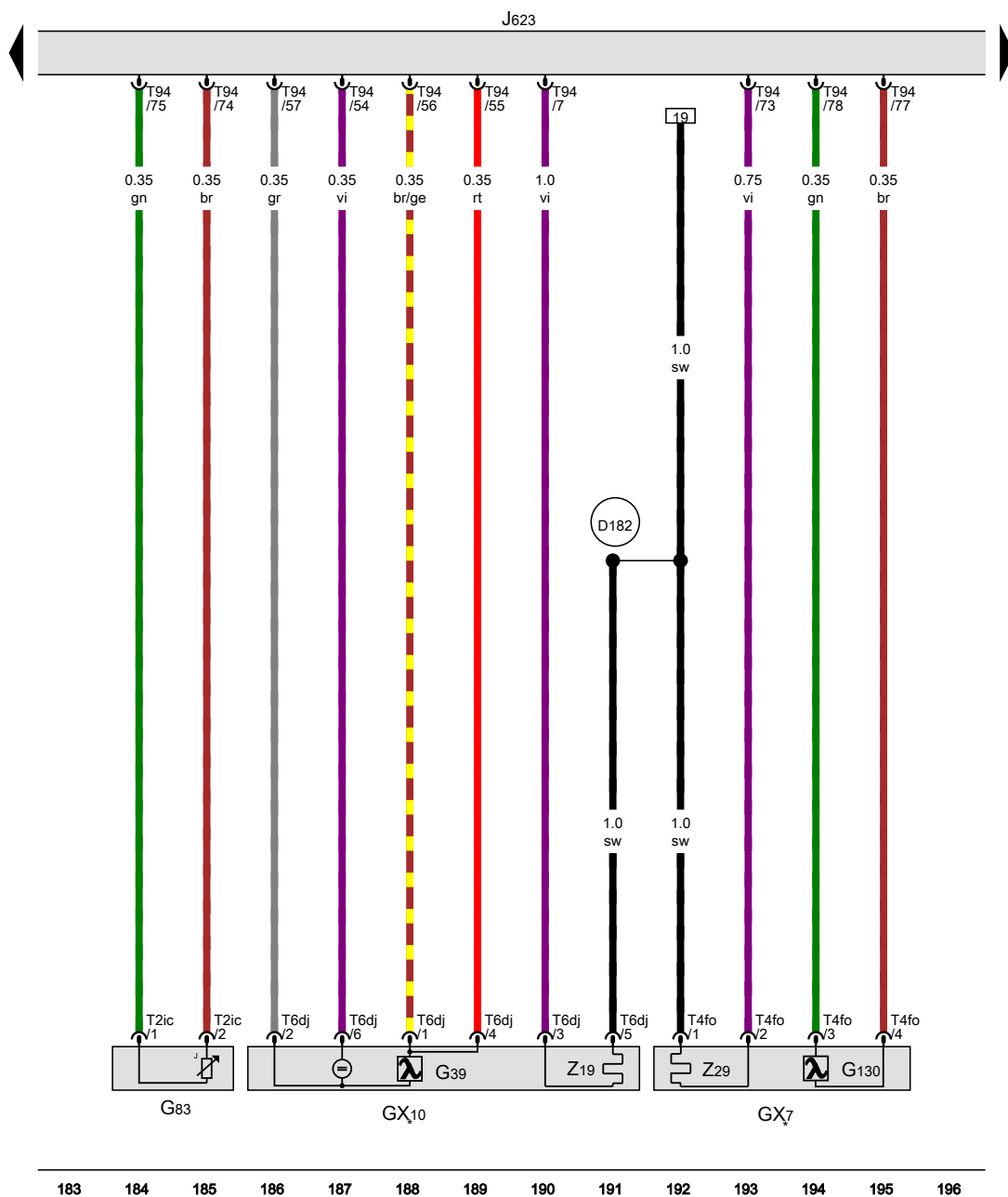


- J623 Engine/motor control unit
- J883 Exhaust flap control unit
- N290 Fuel metering valve
- N493 Actuator for engine temperature regulation
- T2ja 2-pin connector, black
- T3az 3-pin connector, black
- T5u 5-pin connector, brown
- T17c 17-pin connector, on lower section of left A-pillar, red
- T60 60-pin connector, black
- T94 94-pin connector, black

- 50 Earth point, on left in luggage compartment
- 57 Earth point, rear left pillar
- 373 Earth connection 8, in main wiring harness
- 378 Earth connection 13, in main wiring harness
- 386 Earth connection 21, in main wiring harness
- 387 Earth connection 22, in main wiring harness
- 390 Earth connection 25, in main wiring harness
- B350 Positive connection 1 (87a) in main wiring harness

- * According to equipment
- *2 For models with 5 doors
- *3 For models with 3 doors
- *4 For models with 4 doors
- *5 For Cabriolet models

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

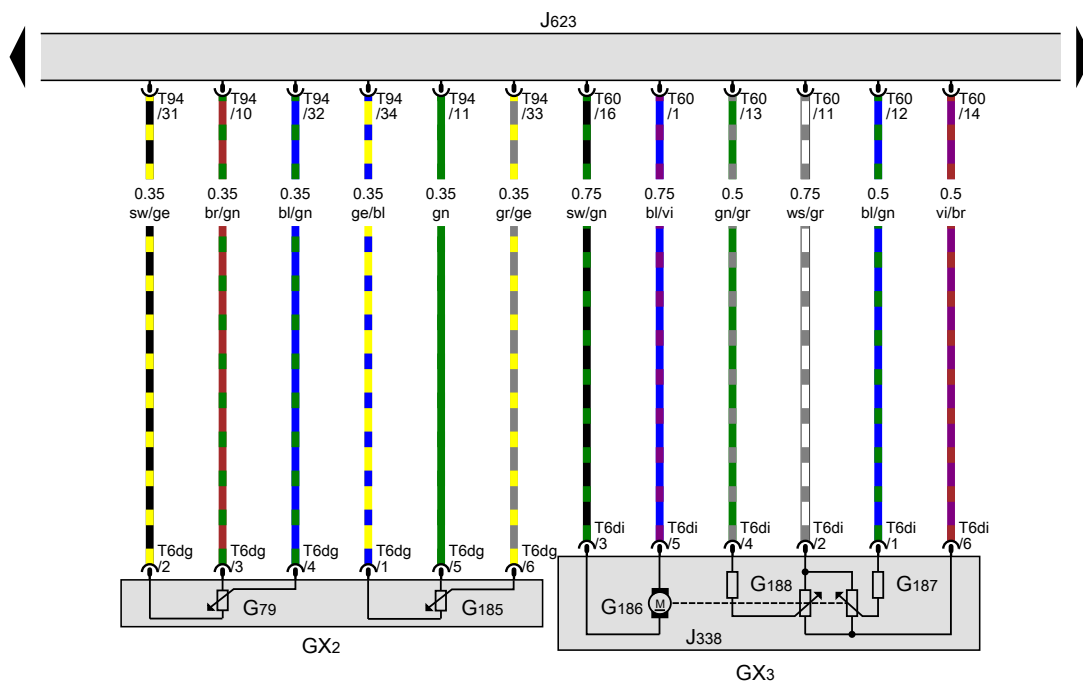


Lambda probe 1 after catalytic converter, Lambda probe 1 before catalytic converter, Lambda probe, Radiator outlet coolant temperature sender, Lambda probe after catalytic converter, Engine/motor control unit, Lambda probe 1 heater after catalytic converter

- GX7 Lambda probe 1 after catalytic converter
- GX10 Lambda probe 1 before catalytic converter
- G39 Lambda probe
- G83 Radiator outlet coolant temperature sender
- G130 Lambda probe after catalytic converter
- J623 Engine/motor control unit
- T2ic 2-pin connector, black
- T4fo 4-pin connector, black
- T6dj 6-pin connector, black
- T94 94-pin connector, black
- Z19 Lambda probe heater
- Z29 Lambda probe 1 heater after catalytic converter
- D182 Connection 3 (87a), in engine compartment wiring harness
- * Pre-wired component

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
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 rs = pink

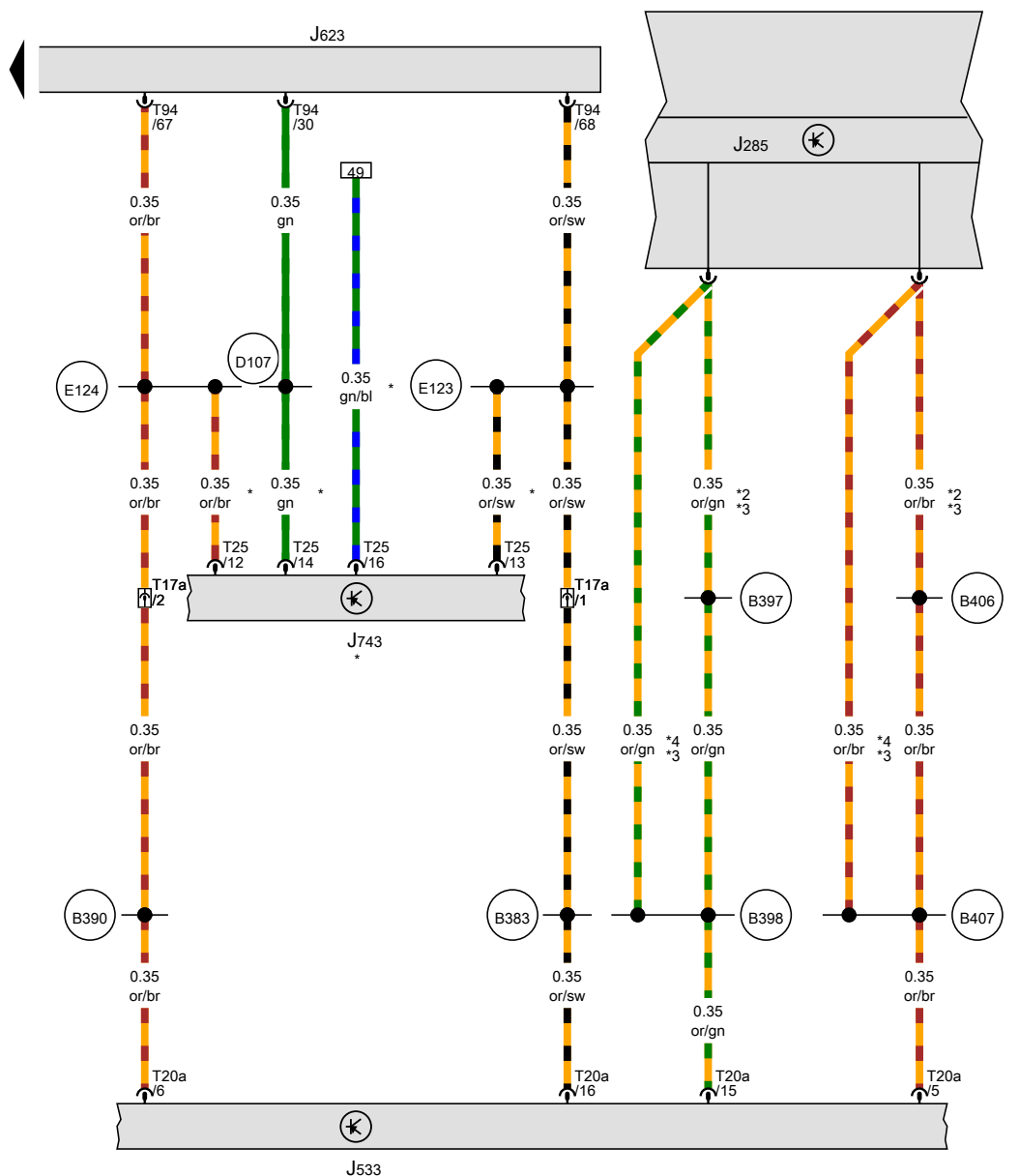
18V/K-1971507191



Accelerator pedal module, Throttle valve module,
Accelerator position sender, Accelerator position sender 2,
Throttle valve module, Engine/motor control unit

- GX2 Accelerator pedal module
- GX3 Throttle valve module
- G79 Accelerator position sender
- G185 Accelerator position sender 2
- G186 Throttle valve drive for electric throttle
- G187 Throttle valve drive angle sender 1 for electric throttle
- G188 Throttle valve drive angle sender 2 for electric throttle
- J338 Throttle valve module
- J623 Engine/motor control unit
- T6dg 6-pin connector, black
- T6di 6-pin connector, black
- T60 60-pin connector, black
- T94 94-pin connector, black

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- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
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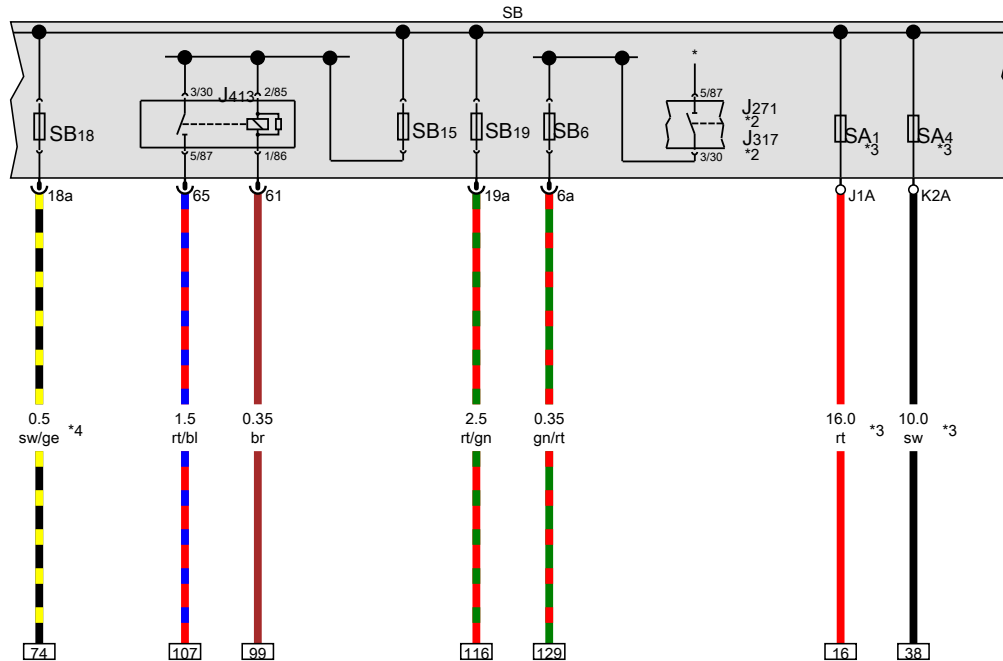
Control unit in dash panel insert, Data bus diagnostic interface, Engine/motor control unit, Mechatronic unit for dual clutch gearbox

- J285 Control unit in dash panel insert
- J533 Data bus diagnostic interface
- J623 Engine/motor control unit
- J743 Mechatronic unit for dual clutch gearbox
- T17a 17-pin connector, on lower section of left A-pillar, black
- T20a 20-pin connector, red
- T25 25-pin connector, black
- T94 94-pin connector, black
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness
- D107 Connection 5 in engine compartment wiring harness
- E123 Connection 1 (powertrain CAN bus, high), in engine wiring harness
- E124 Connection 1 (powertrain CAN bus, low), in engine wiring harness
- * For models with dual clutch gearbox
- *2 For left-hand drive models
- *3 see applicable current flow diagram for dash panel insert
- *4 For right-hand drive models

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Basic equipment , (L0L)

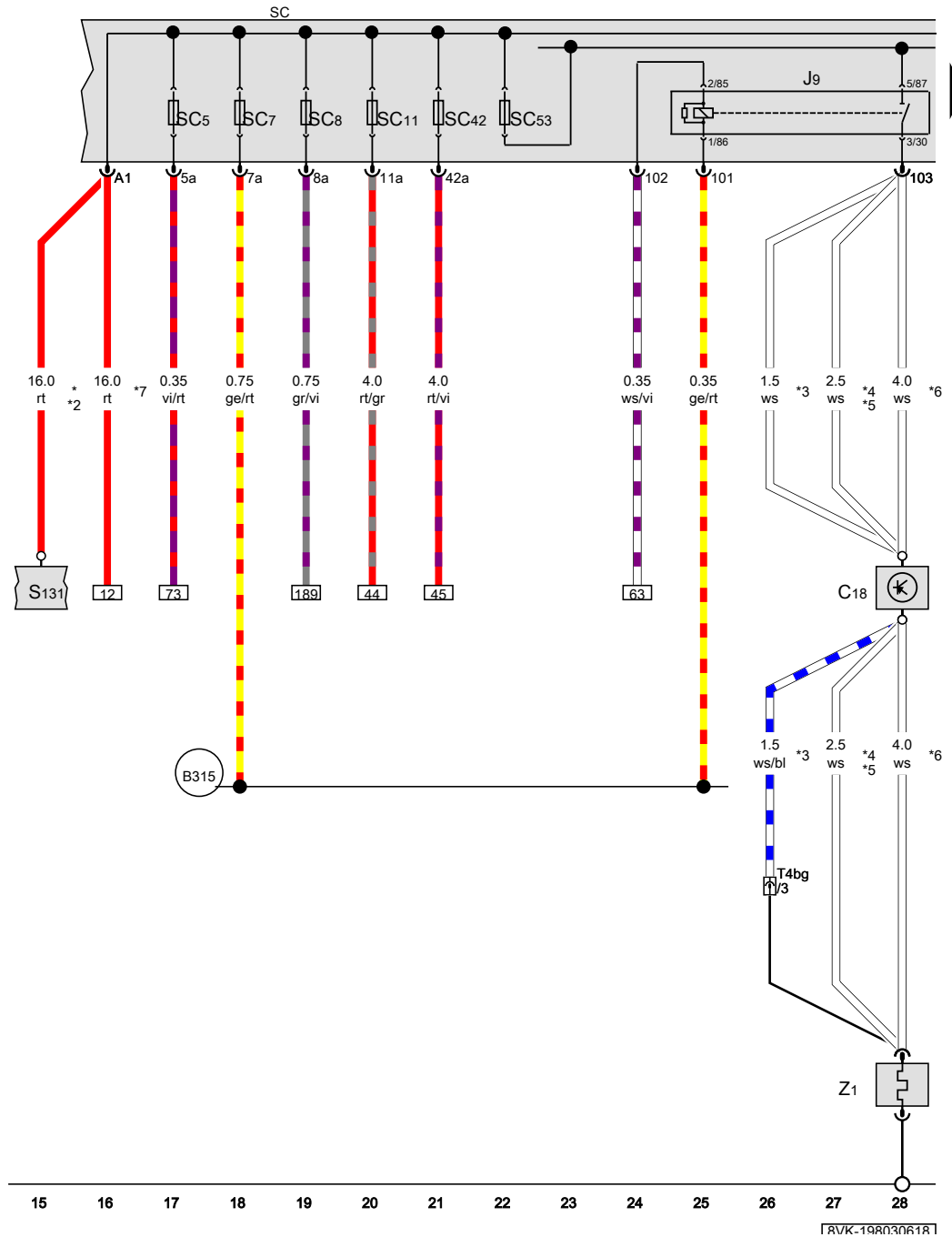
From May 2017



Main relay, Terminal 30 voltage supply relay, Horn relay

- J271 Main relay
- J317 Terminal 30 voltage supply relay
- J413 Horn relay
- SA1 Fuse 1 on fuse holder A
- SA4 Fuse 4 on fuse holder A
- SB Fuse holder B
- SB6 Fuse 6 on fuse holder B
- SB15 Fuse 15 on fuse holder B
- SB18 Fuse 18 on fuse holder B
- SB19 Fuse 19 on fuse holder B
- * see applicable current flow diagram for engine
- *2 According to equipment
- *3 Not for RS 3 models
- *4 For models with no start/stop system

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 ro = red
 rt = red
 br = brown
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 bl = blue
 gr = grey
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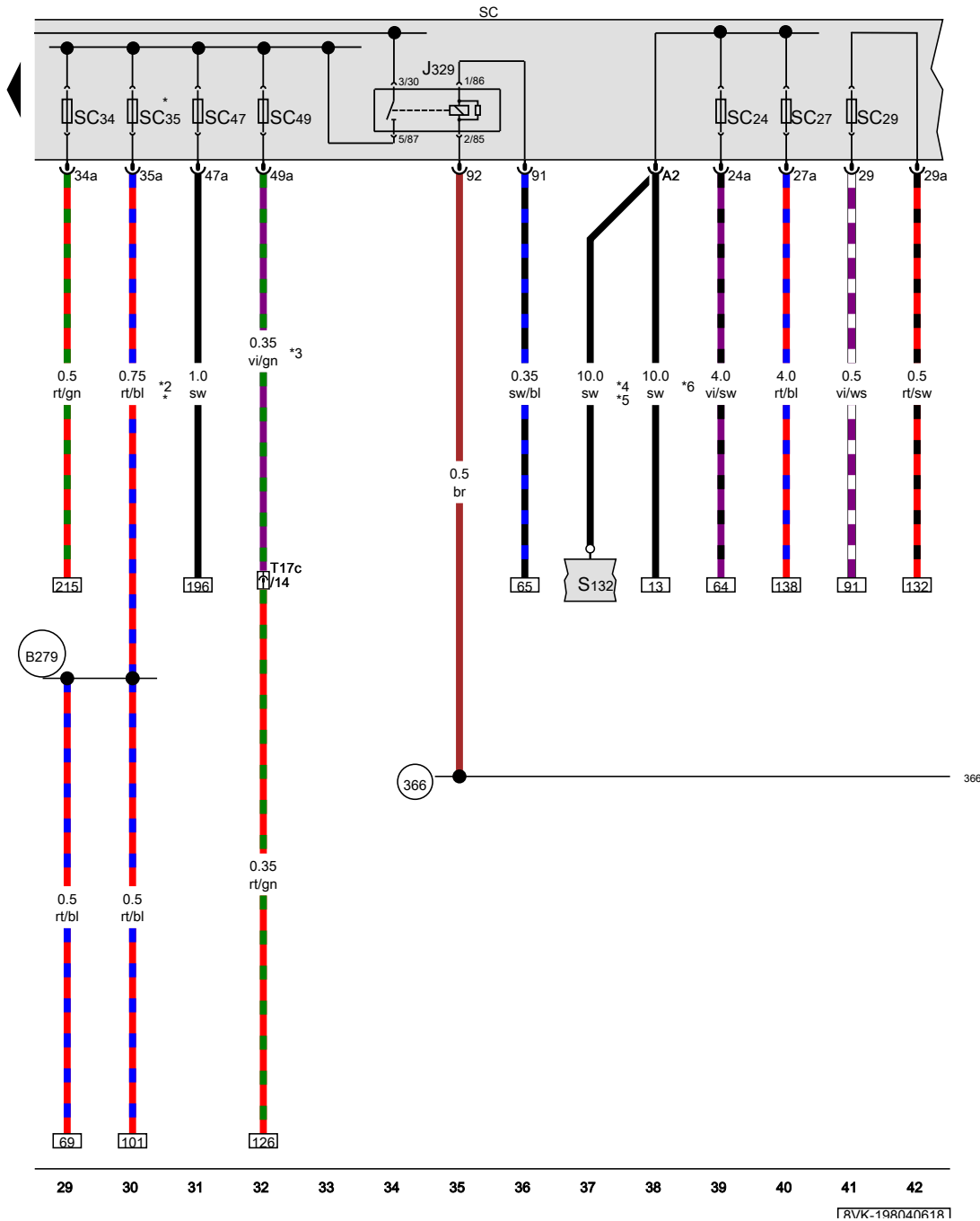
Heated rear window relay, Fuse holder C, Heated rear window

- C18 Window aerial suppression filter
- J9 Heated rear window relay
- SC Fuse holder C
- SC5 Fuse 5 on fuse holder C
- SC7 Fuse 7 on fuse holder C
- SC8 Fuse 8 on fuse holder C
- SC11 Fuse 11 on fuse holder C
- SC42 Fuse 42 on fuse holder C
- SC53 Fuse 53 on fuse holder C
- S131 Fuse 1
- T4bg 4-pin connector
- Z1 Heated rear window

B315 Positive connection 1 (30a) in main wiring harness

- * For RS 3 models
- *2 see applicable current flow diagram for battery
- *3 For Cabriolet models
- *4 For models with 3 doors
- *5 For models with 5 doors
- *6 For models with 4 doors
- *7 Not for RS 3 models

- ws = white
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Terminal 15 voltage supply relay, Fuse holder C

J329 Terminal 15 voltage supply relay

SC Fuse holder C

SC24 Fuse 24 on fuse holder C

SC27 Fuse 27 on fuse holder C

SC29 Fuse 29 on fuse holder C

SC34 Fuse 34 on fuse holder C

SC35 Fuse 35 on fuse holder C

SC47 Fuse 47 on fuse holder C

SC49 Fuse 49 on fuse holder C

S132 Fuse 2

T17c 17-pin connector, red

366 Earth connection 1, in main wiring harness

B279 Positive connection 3 (15a) in main wiring harness

* Fuse rating depends on equipment, see fitting locations

*2 Cross section depends on equipment

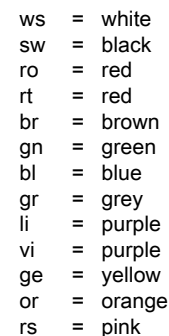
*3 For models with no hybrid drive system

*4 For RS 3 models

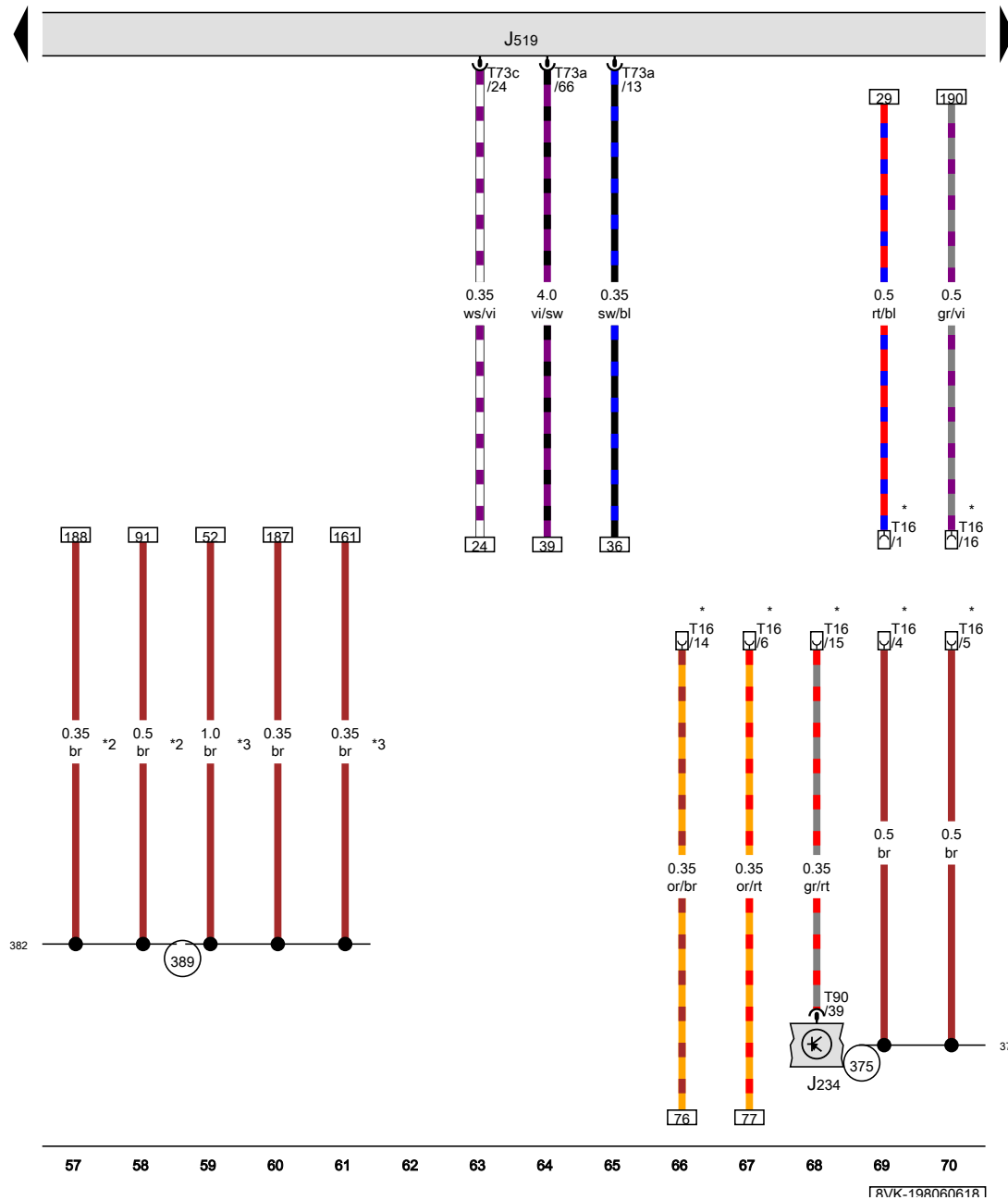
*5 see applicable current flow diagram for battery

*6 Not for RS 3 models

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sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink



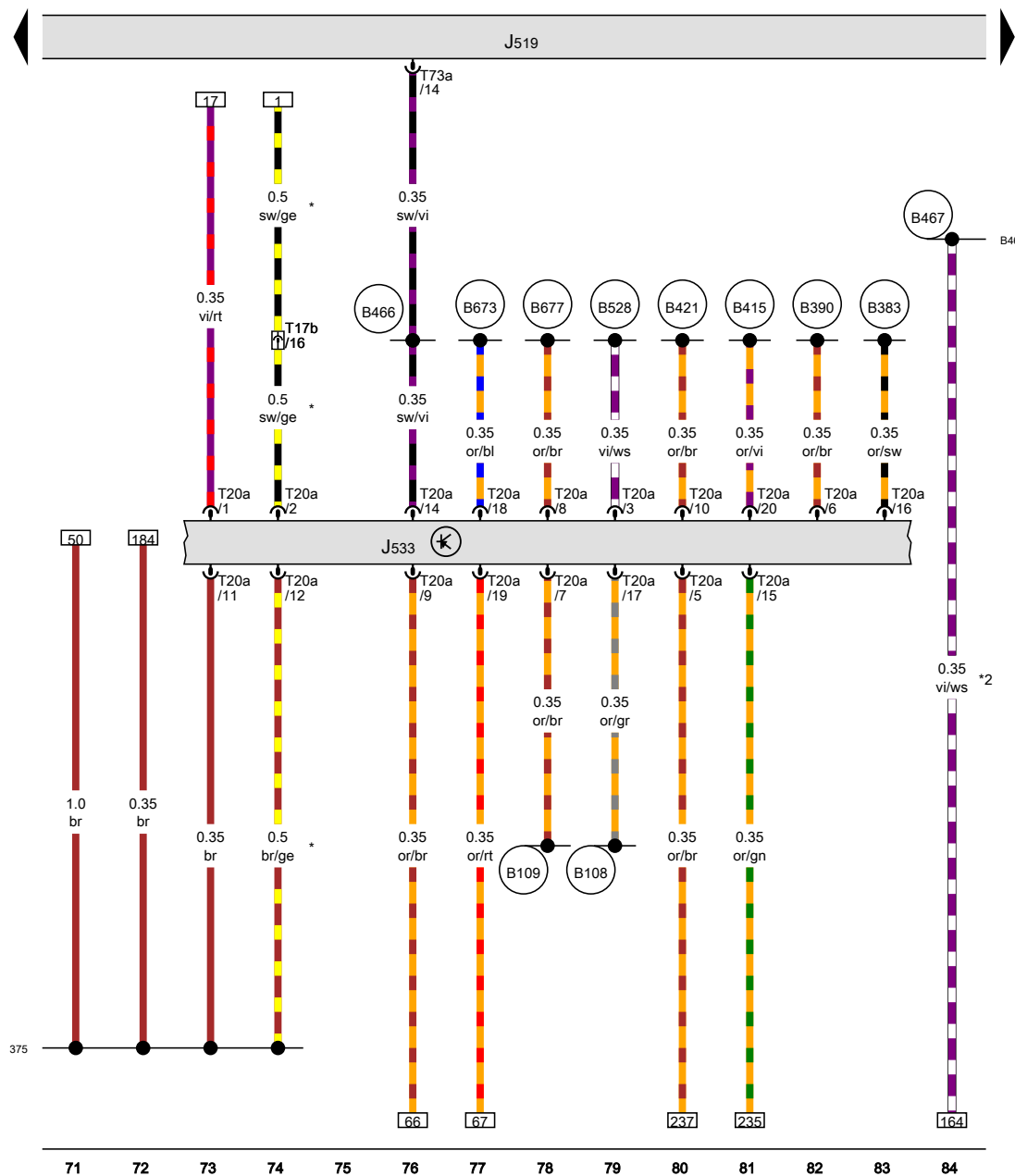
- J519 Onboard supply control unit
- T73a 73-pin connector, black
- T73c 73-pin connector, black
- 366 Earth connection 1, in main wiring harness
- 367 Earth connection 2, in main wiring harness
- 369 Earth connection 4, in main wiring harness
- 382 Earth connection 17, in main wiring harness
- 639 Earth point, left A-pillar
- * For models with 3 doors
- *2 For models with 5 doors
- *3 For models with 4 doors
- *4 For Cabriolet models



Onboard supply control unit

- J234 Airbag control unit
- J519 Onboard supply control unit
- T16 16-pin connector
- T73a 73-pin connector, black
- T73c 73-pin connector, black
- T90 90-pin connector, yellow

- 375 Earth connection 10, in main wiring harness
- 382 Earth connection 17, in main wiring harness
- 389 Earth connection 24, in main wiring harness
- * Diagnostic connection
- *2 For models with 4 doors
- *3 For Cabriolet models



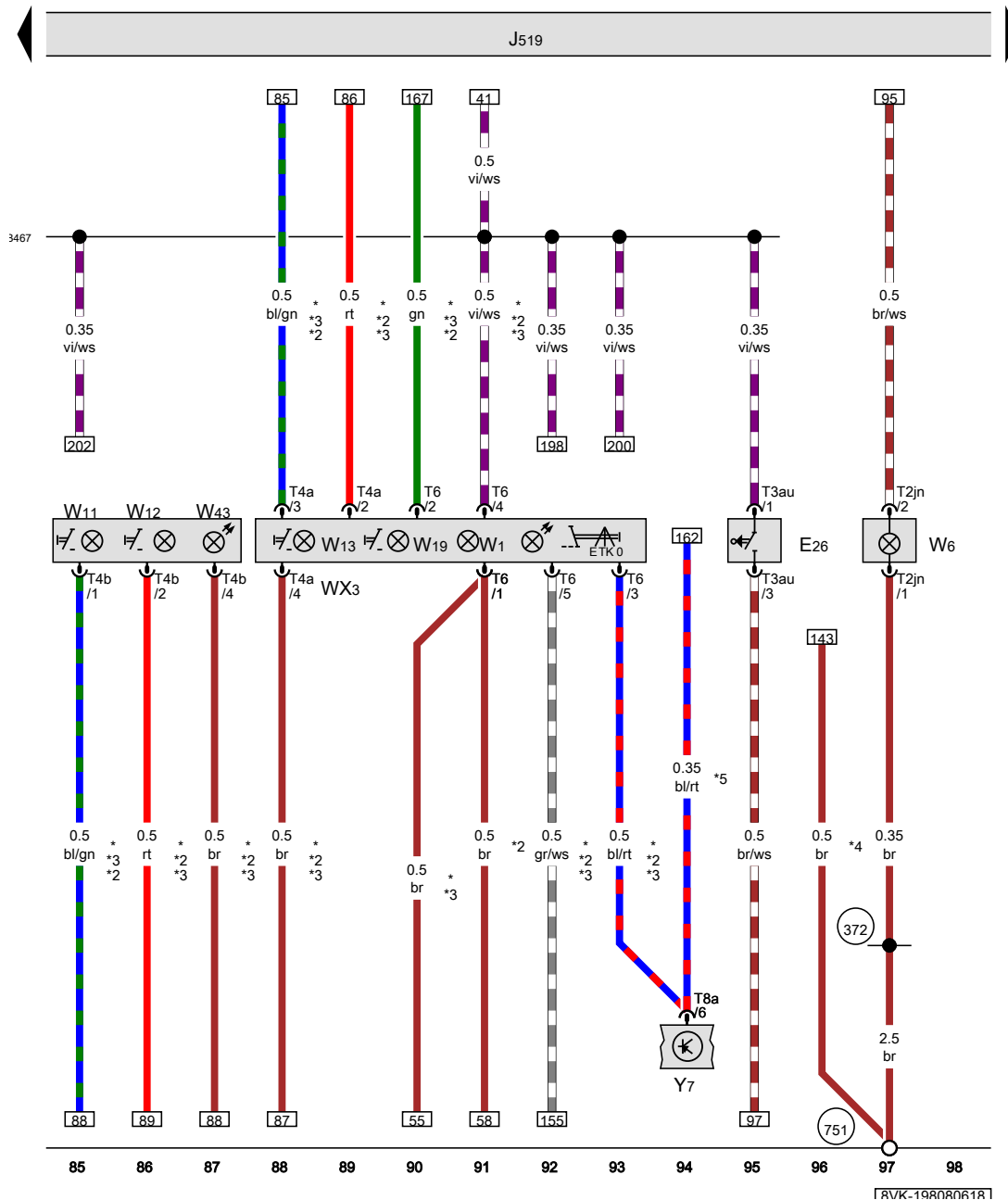
ws = white
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 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
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 vi = purple
 ge = yellow
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 rs = pink

Onboard supply control unit, Data bus diagnostic interface

J519 Onboard supply control unit
 J533 Data bus diagnostic interface
 T17b 17-pin connector, brown
 T20a 20-pin connector, red
 T73a 73-pin connector, black

- 375 Earth connection 10, in main wiring harness
- B108 Connection 1 (CAN bus extended high), in main wiring harness
- B109 Connection 1 (CAN bus extended low), in main wiring harness
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- B415 Connection 1 (infotainment CAN bus, high), in main wiring harness
- B421 Connection 1 (infotainment CAN bus, low), in main wiring harness
- B466 Connection 2, in main wiring harness
- B467 Connection 3, in main wiring harness
- B528 Connection 1 (LIN bus) in main wiring harness
- B673 Connection 2 (running gear/dash panel insert CAN bus, high), in main wiring harness
- B677 Connection 2 (running gear/dash panel insert CAN bus, low), in main wiring harness

* For models with no start/stop system
 *2 For Cabriolet models



Glove compartment light switch, Onboard supply control unit, Front roof module, Glove compartment light, Rear interior light

- E26 Glove compartment light switch
- J519 Onboard supply control unit
- T2jn 2-pin connector, white
- T3au 3-pin connector, black
- T4a 4-pin connector
- T4b 4-pin connector
- T6 6-pin connector, black
- T8a 8-pin connector, black
- W1 Front interior light
- WX3 Front roof module
- W6 Glove compartment light
- W11 Rear left reading light
- W12 Rear right reading light
- W13 Front passenger reading light
- W19 Driver side reading light
- W43 Rear interior light
- Y7 Automatic anti-dazzle interior mirror

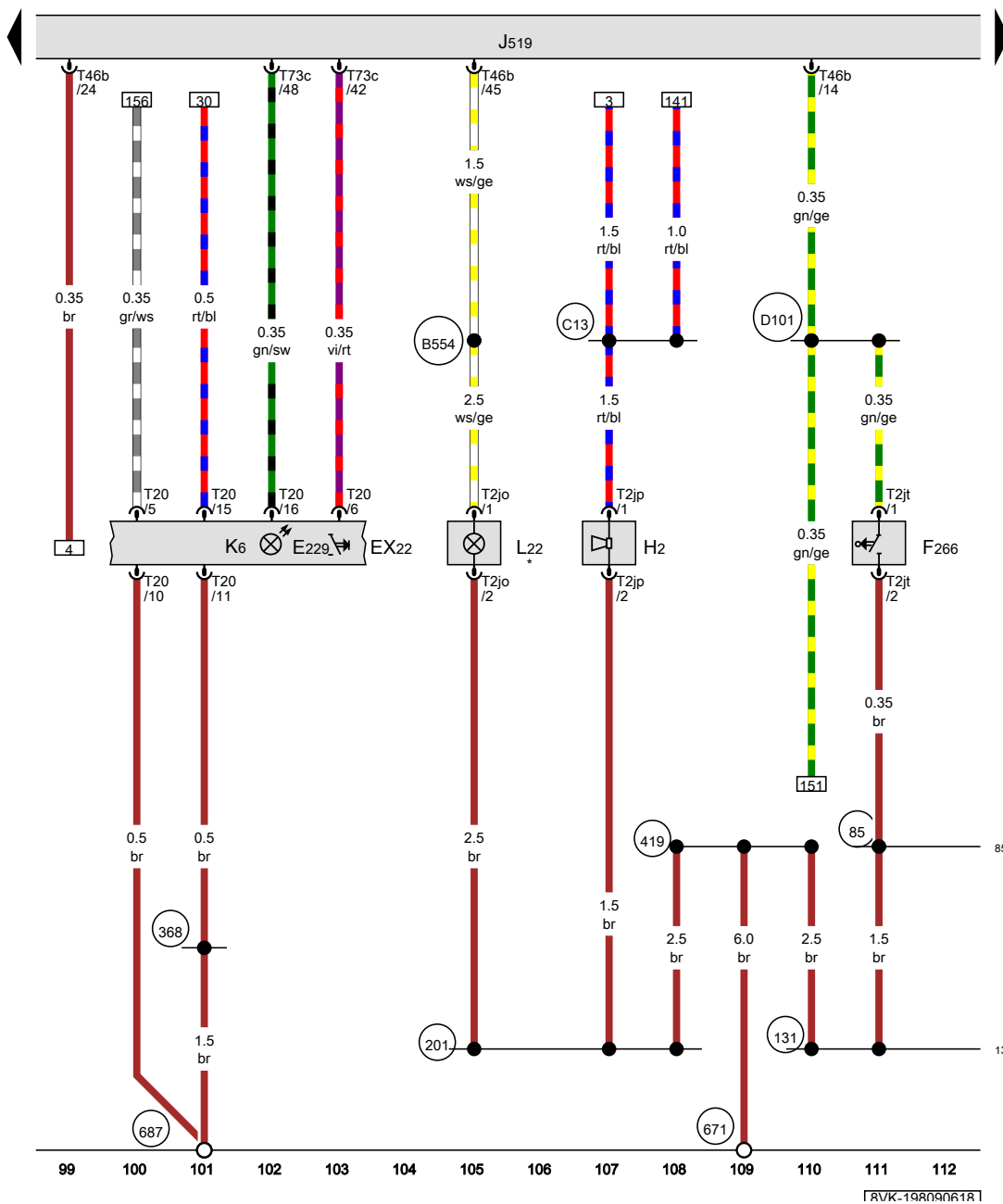
372 Earth connection 7, in main wiring harness

751 Earth point 2, on right A-pillar

B467 Connection 3, in main wiring harness

- * For models with 3 doors
- *2 For models with 4 doors
- *3 For models with 5 doors
- *4 For RS 3 models
- *5 For Cabriolet models

ws = white
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 ro = red
 rt = red
 br = brown
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 bl = blue
 gr = grey
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 or = orange
 rs = pink



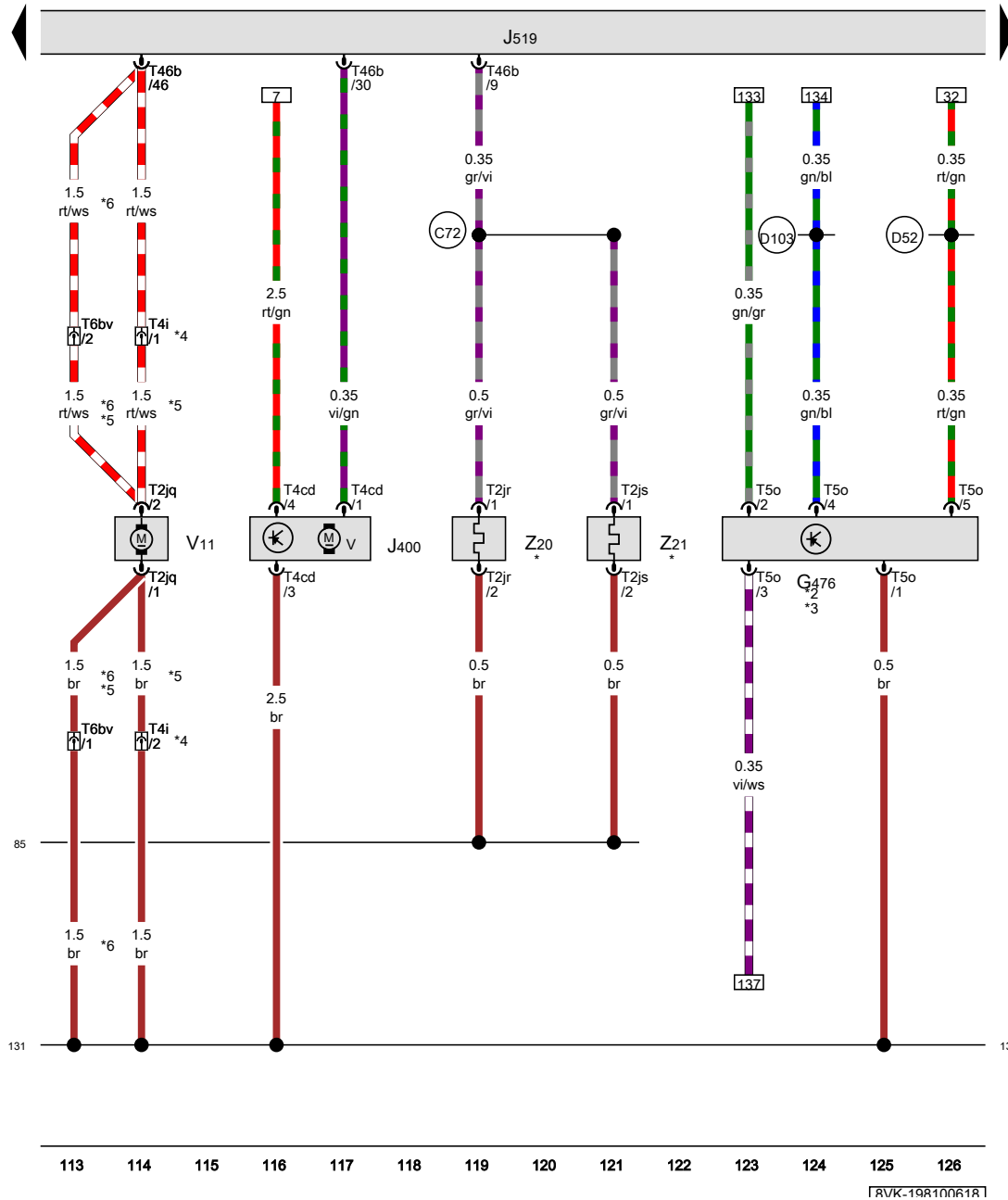
ws = white
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Centre switch module in dash panel, Hazard warning lights button, Bonnet contact switch, Treble horn, Onboard supply control unit, Left fog light bulb

EX22 Centre switch module in dash panel
 E229 Hazard warning lights button
 F266 Bonnet contact switch
 H2 Treble horn
 J519 Onboard supply control unit
 K6 Indicator lamp for hazard warning light
 L22 Left fog light bulb
 T2jo 2-pin connector, black
 T2jp 2-pin connector, black
 T2jt 2-pin connector, black
 T20 20-pin connector, red
 T46b 46-pin connector, black
 T73c 73-pin connector, black

85 Earth connection 1, in engine compartment wiring harness
 131 Earth connection 2, in engine compartment wiring harness
 201 Earth connection 5, in engine compartment wiring harness
 368 Earth connection 3, in main wiring harness
 419 Earth connection 11, in engine compartment wiring harness
 671 Earth point 1, on front of left longitudinal member
 687 Earth point 1, on centre tunnel
 B554 Connection (fog light), in main wiring harness
 C13 Positive connection in dual tone horn wiring harness
 D101 Connection 1 in engine compartment wiring harness

* For models with fog lights



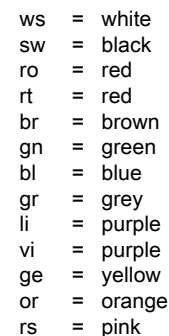
Clutch position sender, Wiper motor control unit, Onboard supply control unit, Windscreen wiper motor, Headlight washer system pump, Left washer jet heater element, Right washer jet heater element

- G476 Clutch position sender
- J400 Wiper motor control unit
- J519 Onboard supply control unit
- T2jq 2-pin connector, black
- T2jr 2-pin connector, black
- T2js 2-pin connector, black
- T4cd 4-pin connector, black
- T4i 4-pin connector, black
- T50 5-pin connector, black
- T6bv 6-pin connector, black
- T46b 46-pin connector, black
- V Windscreen wiper motor
- V11 Headlight washer system pump
- Z20 Left washer jet heater element
- Z21 Right washer jet heater element

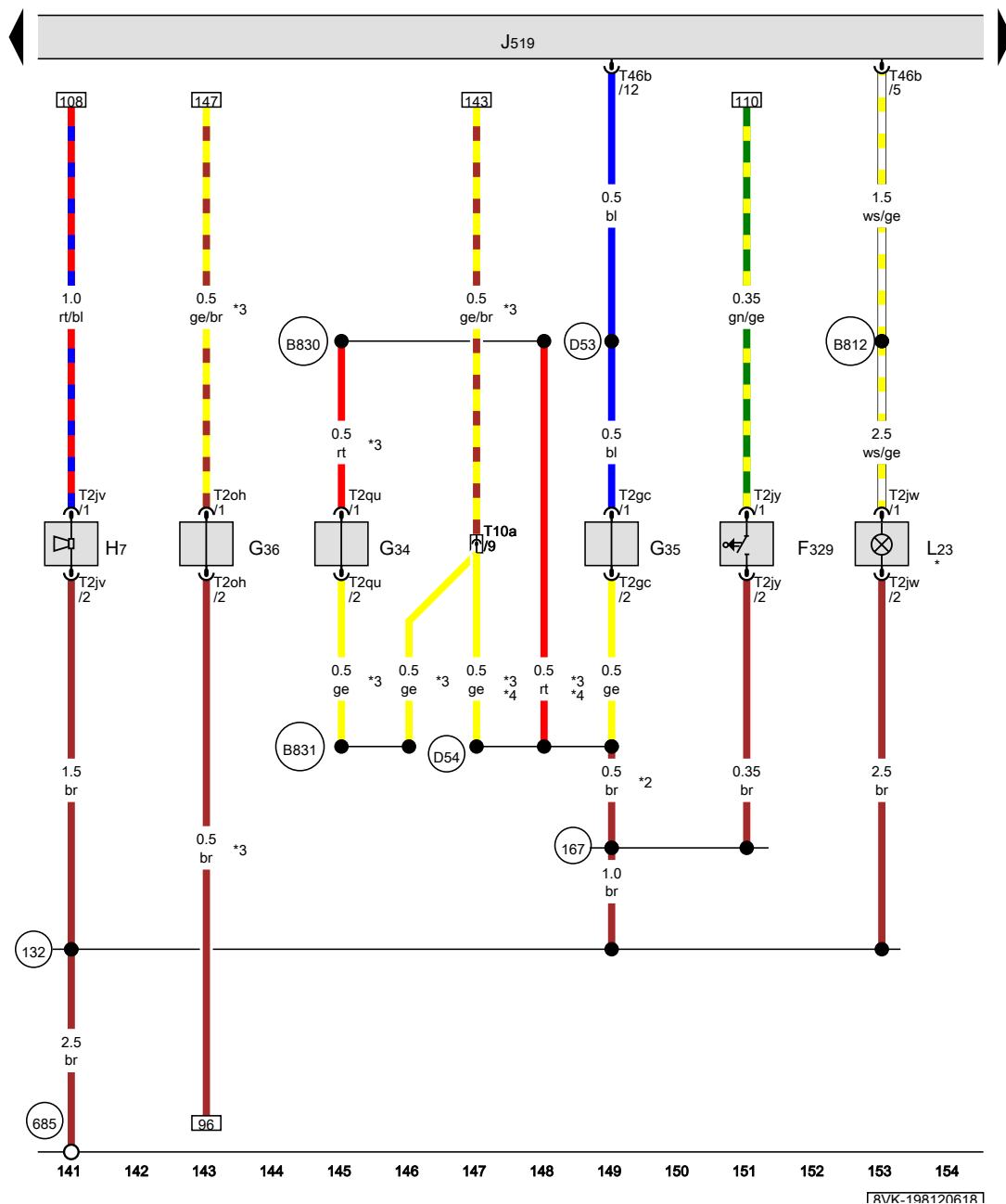
- 85 Earth connection 1, in engine compartment wiring harness
- 131 Earth connection 2, in engine compartment wiring harness
- C72 Positive connection in heated washer jet wiring harness
- D52 Positive connection (15a), in engine compartment wiring harness
- D103 Connection 3 in engine compartment wiring harness

- * For models with heater element for washer jets
- *2 For models with manual gearbox
- *3 For models with no hybrid drive system
- *4 According to equipment
- *5 Wiring colour depends on equipment
- *6 For RS 3 models

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



F	Brake light switch
F47	Brake pedal switch
F63	Brake pedal switch
J104	ABS control unit
J519	Onboard supply control unit
J623	Engine/motor control unit
T2jz	2-pin connector, black
T4cl	4-pin connector, black
T17c	17-pin connector, red
T46a	46-pin connector
T73a	73-pin connector, black
T73c	73-pin connector, black
V155	Tank filler flap locking motor
131	Earth connection 2, in engine compartment wiring harness
B335	Connection 1 (54), in main wiring harness
D73	Positive connection (54), in engine compartment wiring harness
*	For models with no hybrid drive system
*2	see applicable current flow diagram for high-voltage system
*3	see applicable current flow diagram for engine
*4	According to equipment

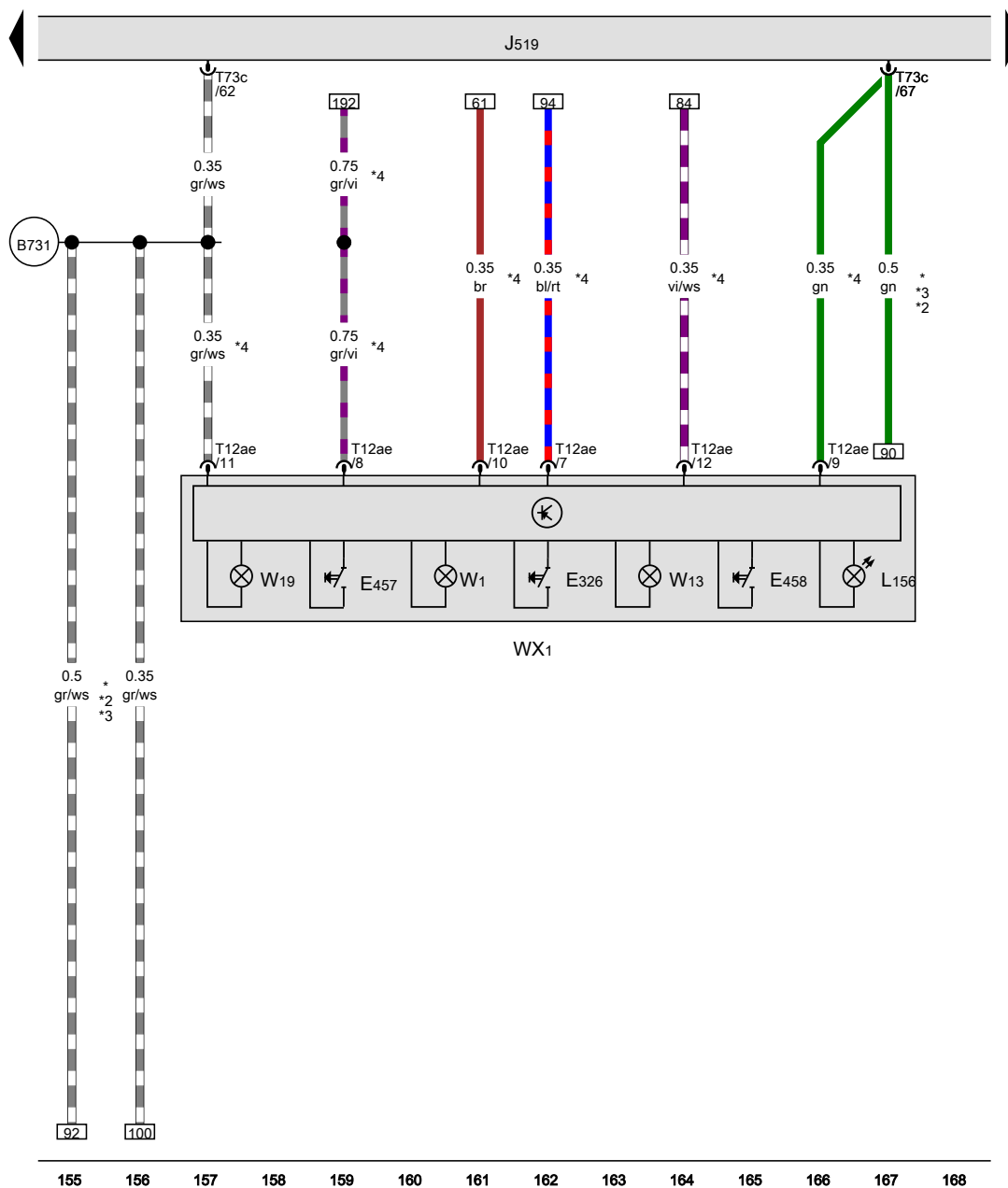


ws = white
 sw = black
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 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

Bonnet contact switch 2, Front left brake pad wear sender, Front right brake pad wear sender, Bass horn, Onboard supply control unit, Right fog light bulb

F329 Bonnet contact switch 2
 G34 Front left brake pad wear sender
 G35 Front right brake pad wear sender
 G36 Rear left brake pad wear sender
 H7 Bass horn
 J519 Onboard supply control unit
 L23 Right fog light bulb
 T2gc 2-pin connector
 T2jv 2-pin connector, black
 T2jw 2-pin connector, black
 T2jy 2-pin connector, black
 T2oh 2-pin connector, black
 T2qu 2-pin connector
 T10a 10-pin connector, white
 T46b 46-pin connector, black

132 Earth connection 3, in engine compartment wiring harness
 167 Earth connection 4, in engine compartment wiring harness
 685 Earth point 1, on front of right longitudinal member
 B812 Connection 2 (fog light), in main wiring harness
 B830 Connection 5 (brake pad wear indicator), in main wiring harness
 B831 Connection 6 (brake pad wear indicator), in main wiring harness
 D53 Connection (right brake wear indicator), in engine compartment wiring harness
 D54 Connection (right brake wear indicator), in engine compartment wiring harness
 * For models with fog lights
 *2 Not for RS 3 models
 *3 For RS 3 models
 *4 According to equipment



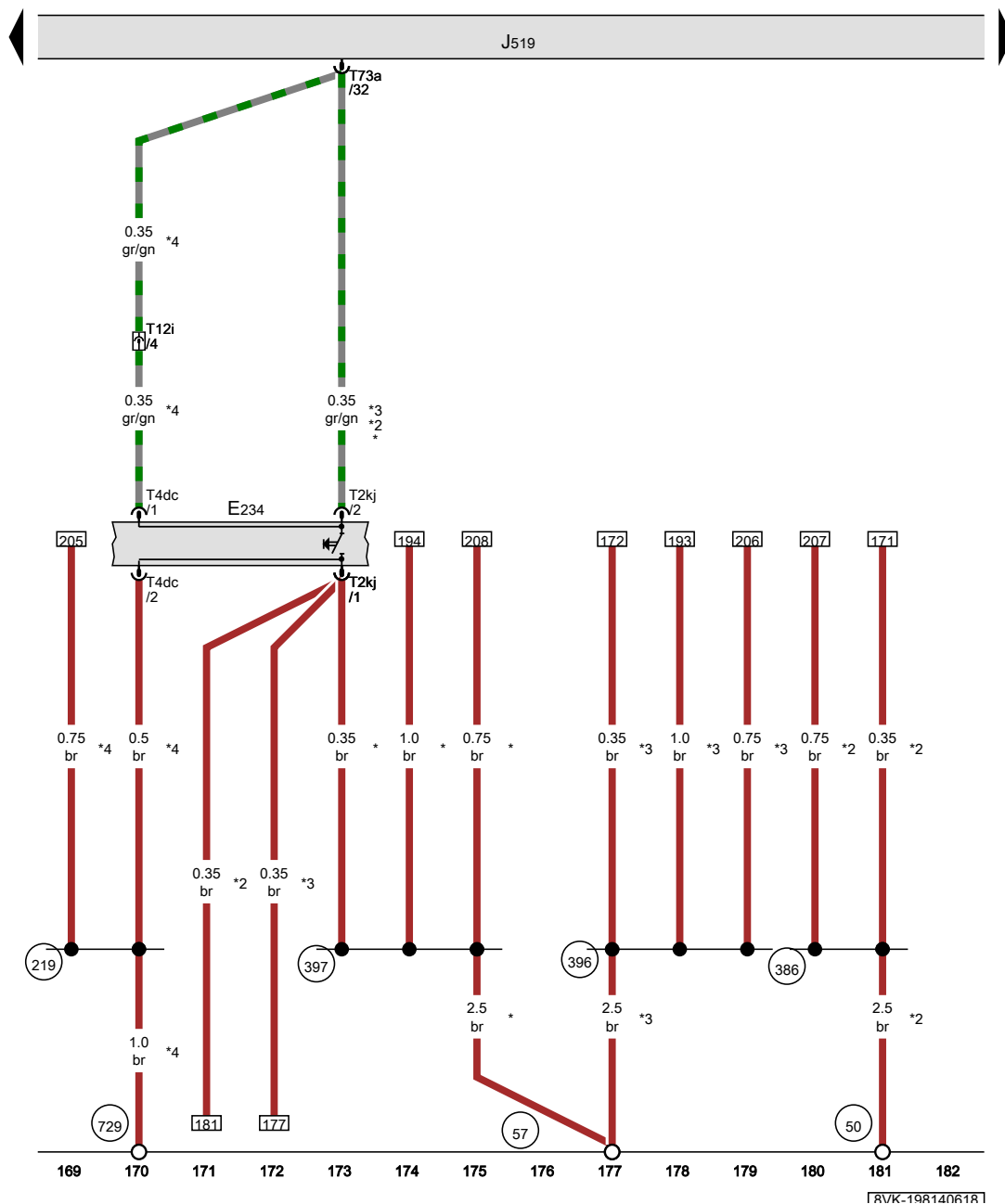
Onboard supply control unit, Front interior light

- E326 Front interior light button
- E457 Driver side reading light button
- E458 Front passenger side reading light button
- J519 Onboard supply control unit
- L156 Switch illumination bulb
- T12ae 12-pin connector, black
- T73c 73-pin connector, black
- WX1 Front interior light
- W1 Front interior light
- W13 Front passenger reading light
- W19 Driver side reading light

B731 Connection 1 (58s), in main wiring harness

- * For models with 3 doors
- *2 For models with 4 doors
- *3 For models with 5 doors
- *4 For Cabriolet models

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 sw = black
 ro = red
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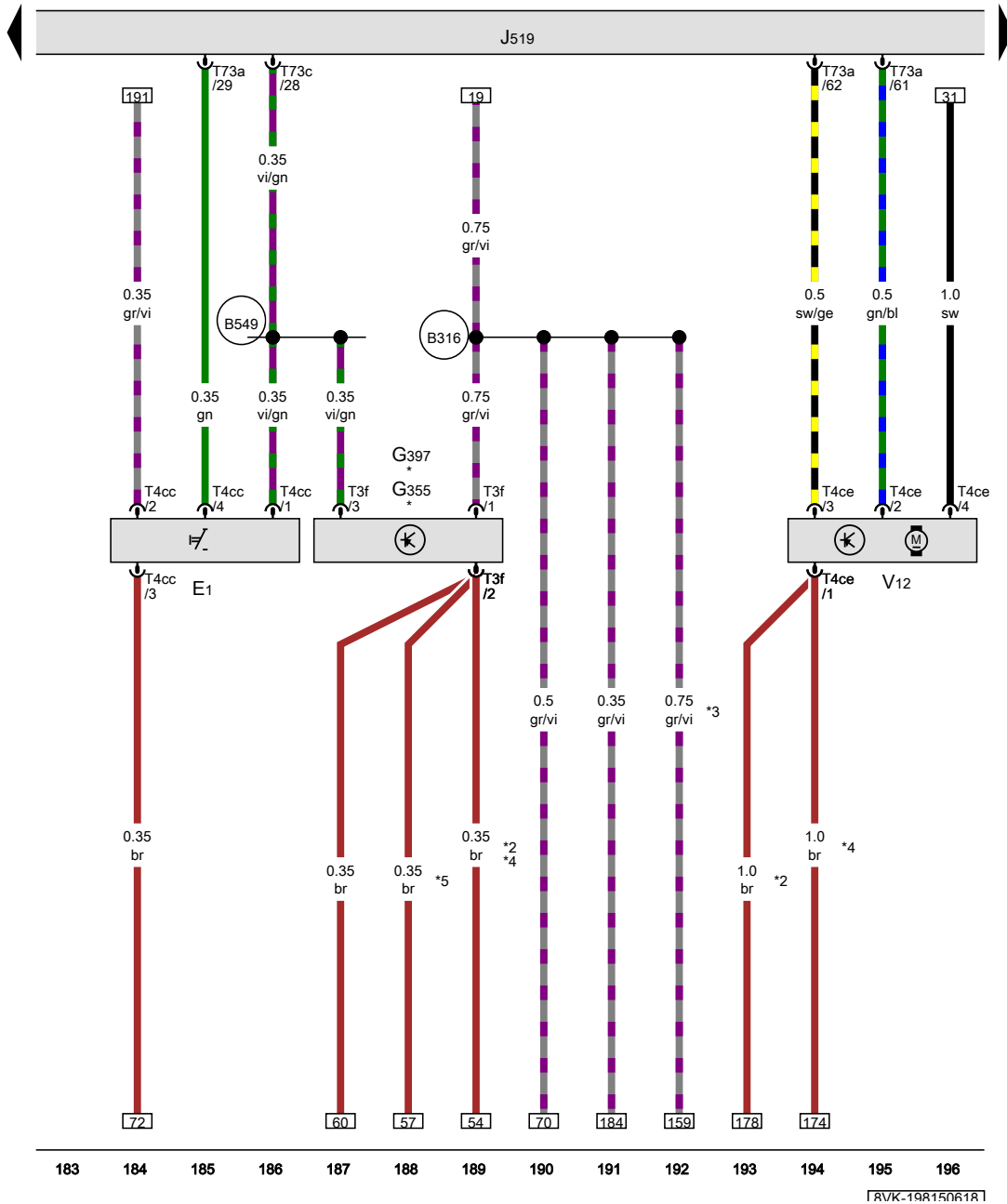
Rear lid handle release button, Onboard supply control unit

- E234 Rear lid handle release button
- J519 Onboard supply control unit
- T2kj 2-pin connector, black
- T4dc 4-pin connector, black
- T12i 12-pin connector, black
- T73a 73-pin connector, black

- 50 Earth point, on left in luggage compartment
- 57 Earth point, rear left pillar
- 219 Earth connection 2, in rear lid wiring harness
- 386 Earth connection 21, in main wiring harness
- 396 Earth connection 31, in main wiring harness
- 397 Earth connection 32, in main wiring harness
- 729 Earth point, on left rear wheel housing

- * For models with 5 doors
- *2 For models with 4 doors
- *3 For models with 3 doors
- *4 For Cabriolet models

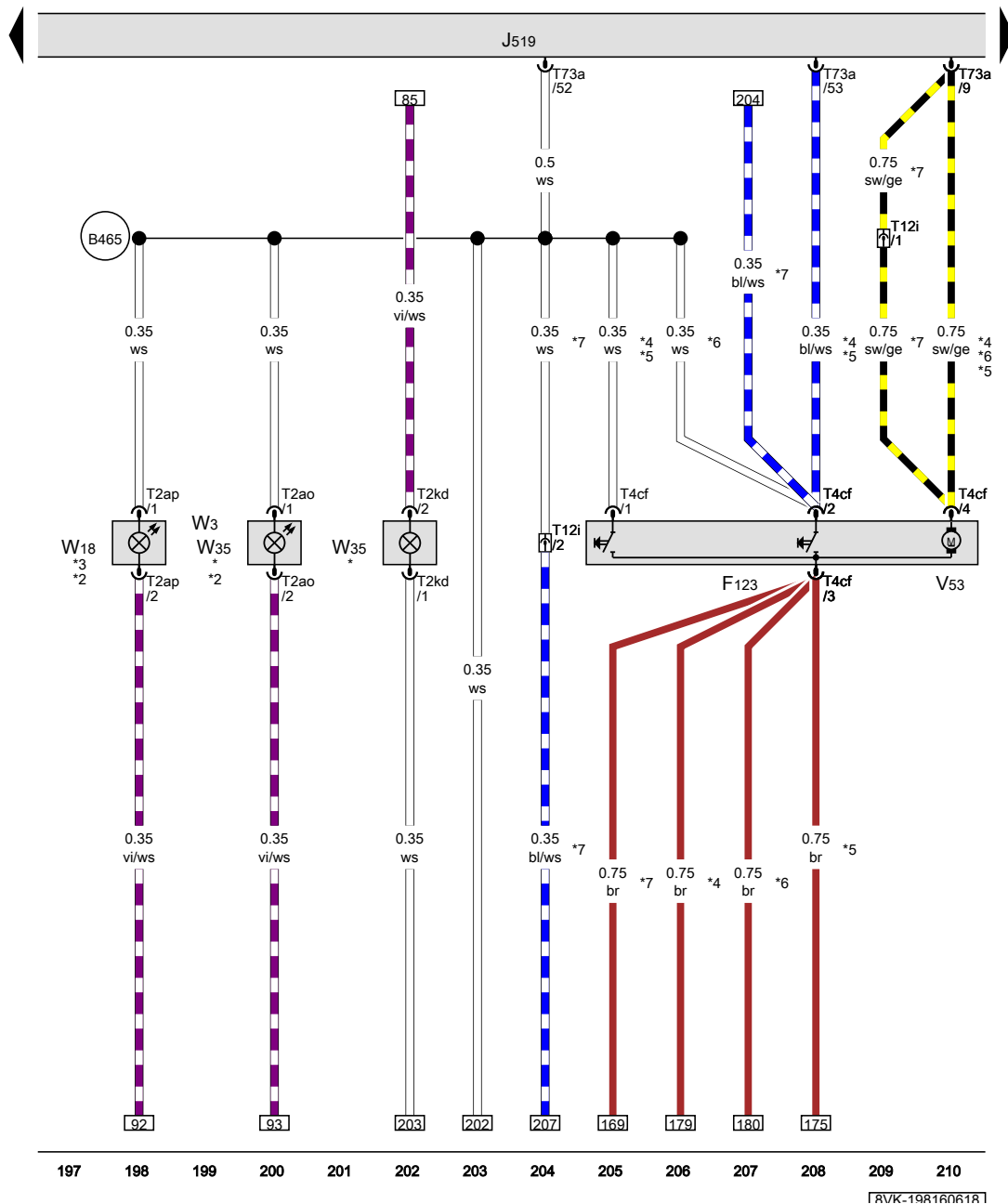
Light switch, Rain and light sensor, Onboard supply control unit, Rear window wiper motor



- E1 Light switch
- G355 Humidity sender
- G397 Rain and light sensor
- J519 Onboard supply control unit
- T3f 3-pin connector, black
- T4cc 4-pin connector, black
- T4ce 4-pin connector
- T73a 73-pin connector, black
- T73c 73-pin connector, black
- V12 Rear window wiper motor
- B316 Positive connection 2 (30a) in main wiring harness
- B549 Connection 2 (LIN bus) in main wiring harness
- * According to equipment
- *2 For models with 3 doors
- *3 For Cabriolet models
- *4 For models with 5 doors
- *5 For models with 4 doors

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

Rear lid contact switch for anti-theft alarm, Onboard supply control unit, Rear lid central locking motor

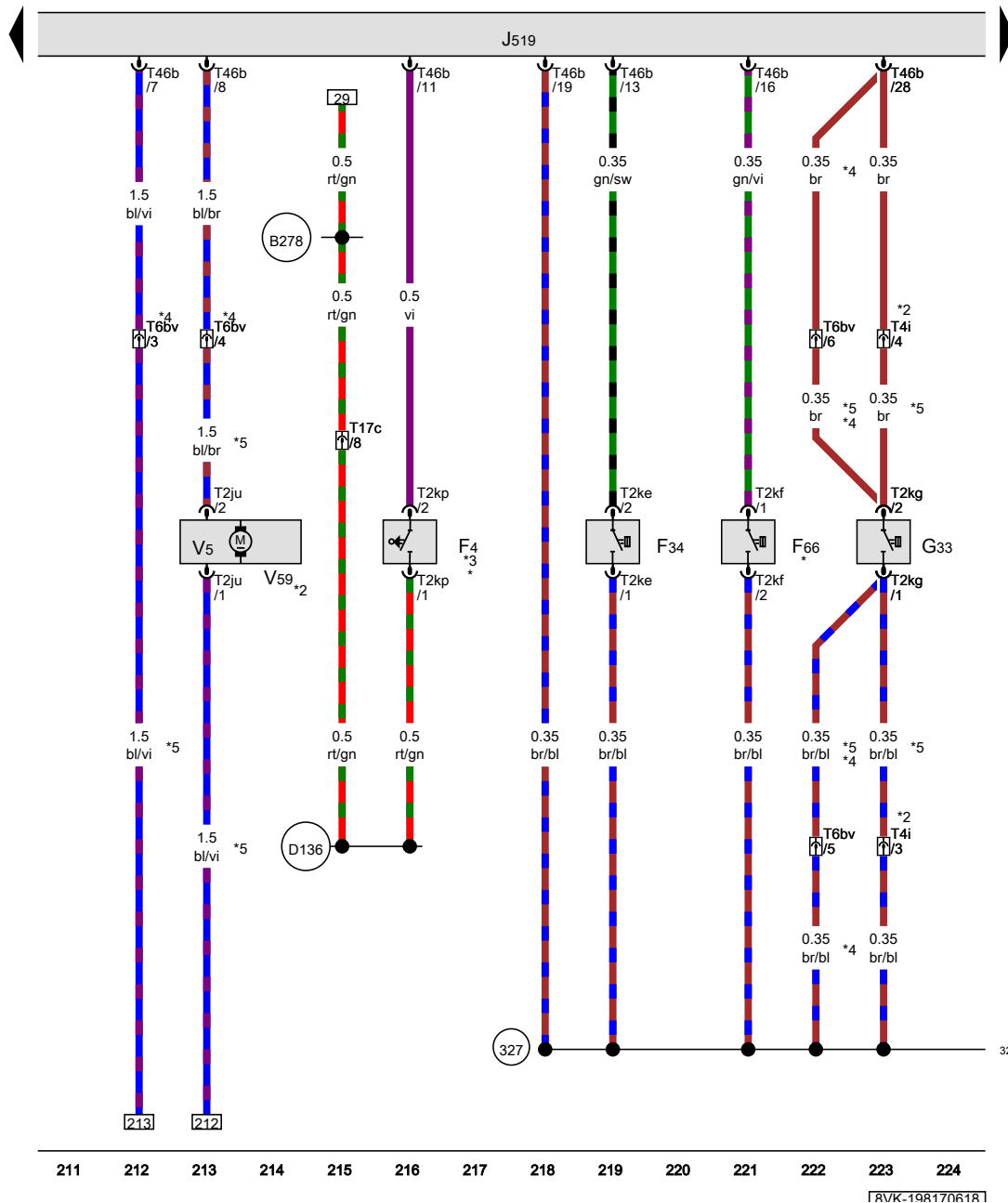


- F123 Rear lid contact switch for anti-theft alarm
- J519 Onboard supply control unit
- T2ao 2-pin connector
- T2ap 2-pin connector
- T2kd 2-pin connector
- T4cf 4-pin connector, black
- T12i 12-pin connector, black
- T73a 73-pin connector, black
- V53 Rear lid central locking motor
- W3 Luggage compartment light
- W18 Left luggage compartment light
- W35 Right luggage compartment light

B465 Connection 1, in main wiring harness

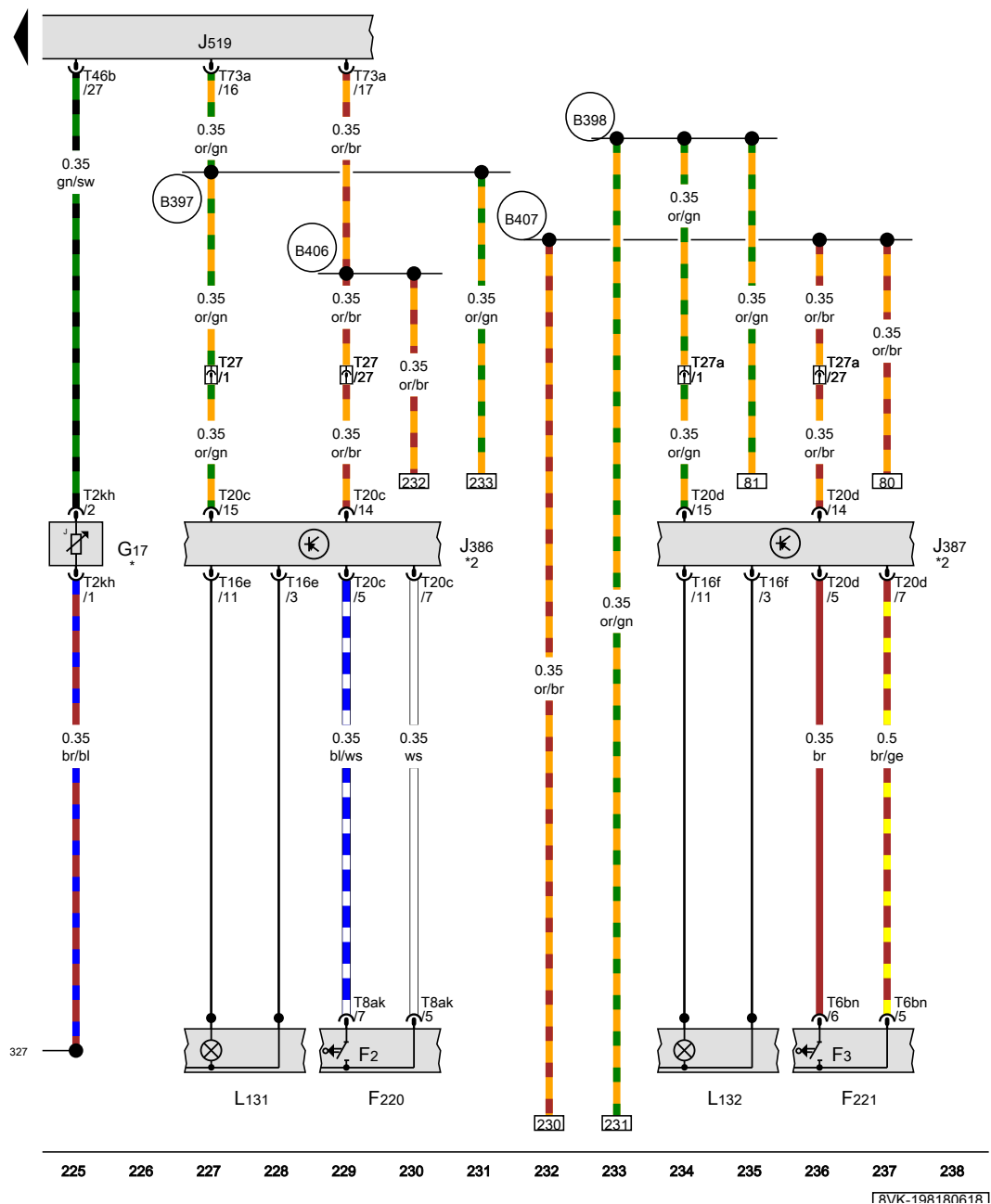
- * According to equipment
- *2 Pre-wired component
- *3 If fitted
- *4 For models with 3 doors
- *5 For models with 5 doors
- *6 For models with 4 doors
- *7 For Cabriolet models

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



Reversing light switch, Brake fluid level warning contact, Coolant shortage indicator switch, Windscreen washer fluid level sender, Onboard supply control unit, Windscreen and rear window washer pump

- F4 Reversing light switch
- F34 Brake fluid level warning contact
- F66 Coolant shortage indicator switch
- G33 Windscreen washer fluid level sender
- J519 Onboard supply control unit
- T2ju 2-pin connector
- T2ke 2-pin connector, black
- T2kf 2-pin connector, black
- T2kg 2-pin connector, black
- T2kp 2-pin connector, black
- T4i 4-pin connector, black
- T6bv 6-pin connector, black
- T17c 17-pin connector, red
- T46b 46-pin connector, black
- V5 Washer pump
- V59 Windscreen and rear window washer pump
- 327 Earth connection (sender earth), in engine compartment wiring harness
- B278 Positive connection 2 (15a) in main wiring harness
- D136 Positive connection 2 (15a), in engine compartment wiring harness
- * For models with no hybrid drive system
- *2 According to equipment
- *3 For models with manual gearbox
- *4 For RS 3 models
- *5 Wiring colour depends on equipment



Driver side central locking lock unit, Front passenger side central locking lock unit, Ambient temperature sensor, Driver door control unit, Front passenger door control unit, Onboard supply control unit, Driver side turn signal repeater bulb, Front passenger side turn signal repeater bulb

- F2 Driver door contact switch
- F3 Front passenger door contact switch
- F220 Driver side central locking lock unit
- F221 Front passenger side central locking lock unit
- G17 Ambient temperature sensor
- J386 Driver door control unit
- J387 Front passenger door control unit
- J519 Onboard supply control unit
- L131 Driver side turn signal repeater bulb
- L132 Front passenger side turn signal repeater bulb
- T2kh 2-pin connector, black
- T6bn 6-pin connector
- T8ak 8-pin connector
- T16e 16-pin connector
- T16f 16-pin connector
- T20c 20-pin connector, black
- T20d 20-pin connector, black
- T27 27-pin connector, on left A-pillar, black
- T27a 27-pin connector, on right A-pillar, black
- T46b 46-pin connector, black
- T73a 73-pin connector, black

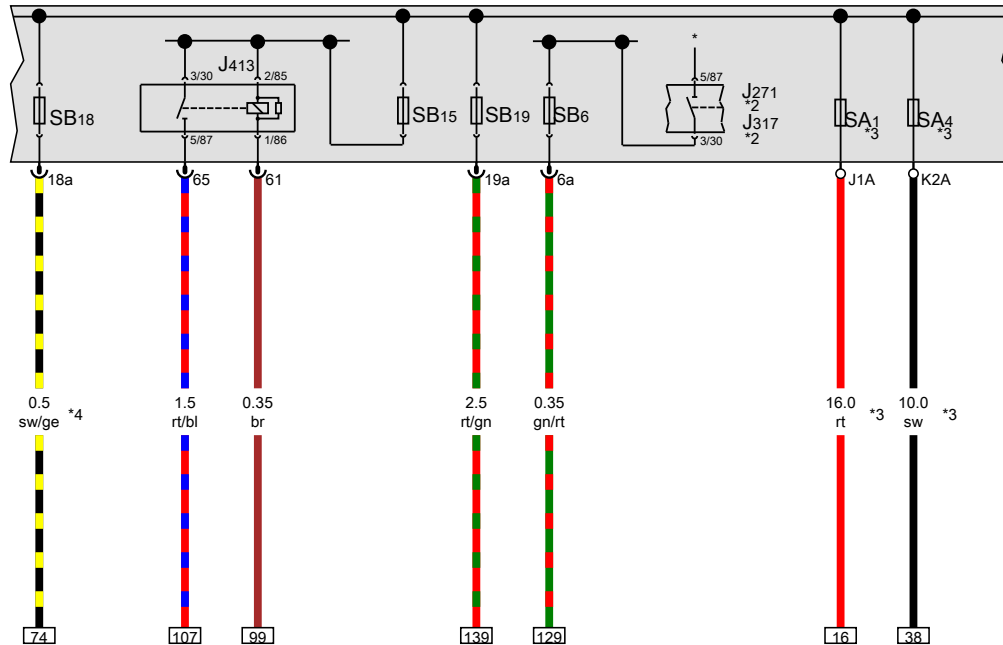
- 327 Earth connection (sender earth), in engine compartment wiring harness
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness

* According to equipment
 *2 see applicable current flow diagram for convenience system

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

Basic equipment, right-hand drive , (L0R)

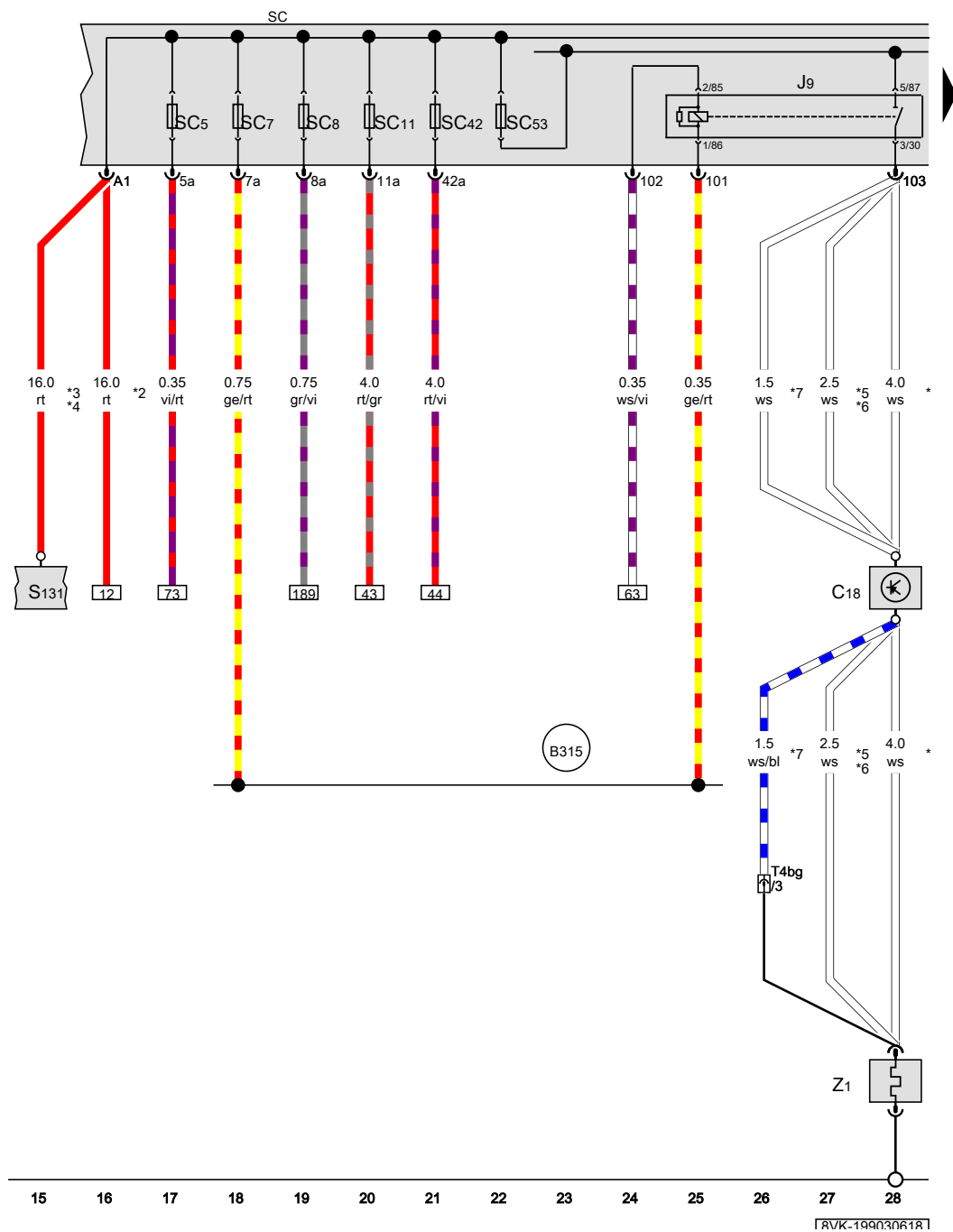
From May 2017



Main relay, Terminal 30 voltage supply relay, Horn relay

- J271 Main relay
- J317 Terminal 30 voltage supply relay
- J413 Horn relay
- SA1 Fuse 1 on fuse holder A
- SA4 Fuse 4 on fuse holder A
- SB6 Fuse 6 on fuse holder B
- SB15 Fuse 15 on fuse holder B
- SB18 Fuse 18 on fuse holder B
- SB19 Fuse 19 on fuse holder B
- * see applicable current flow diagram for engine
- *2 According to equipment
- *3 Not for RS 3 models
- *4 For models with no start/stop system

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 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

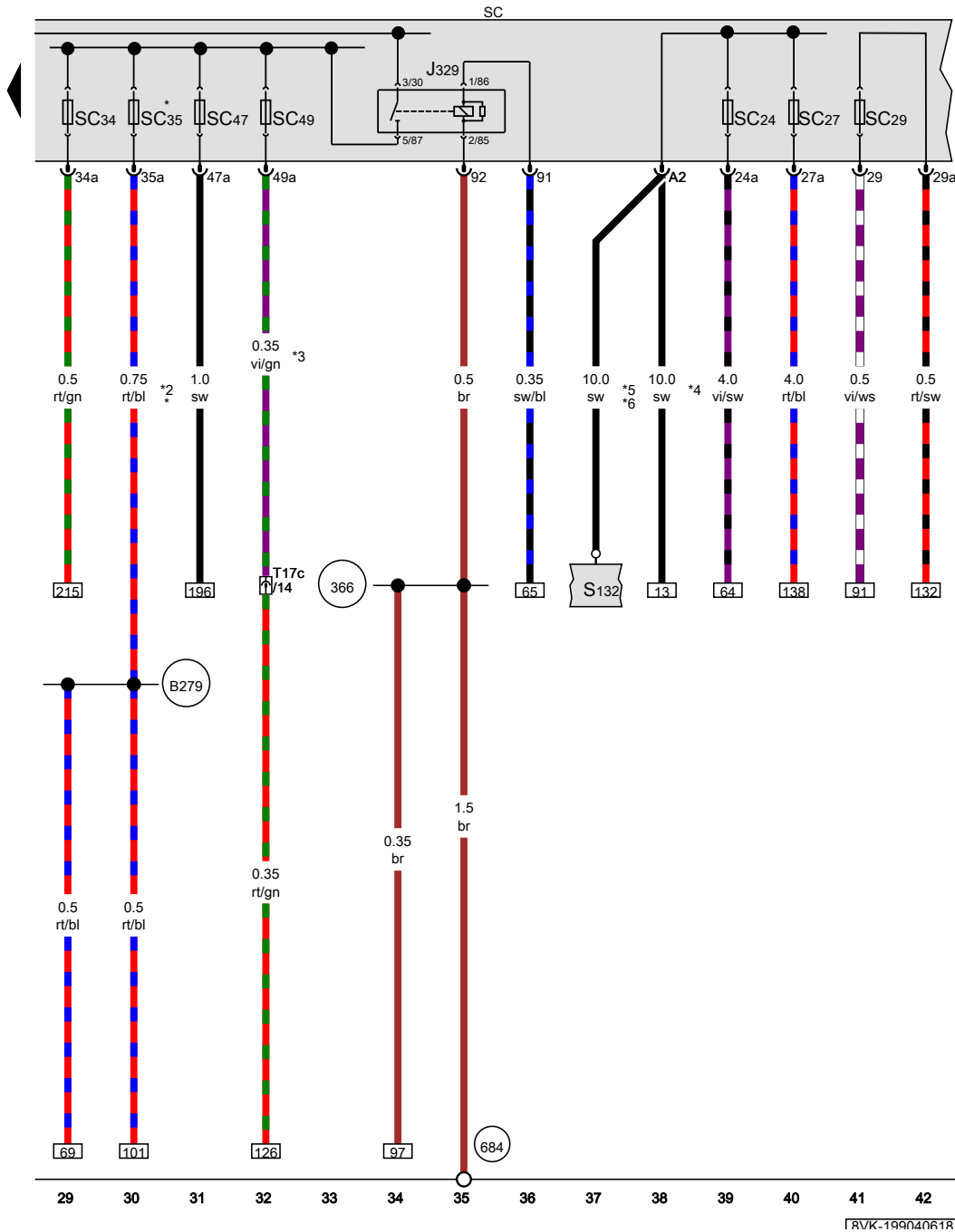


Heated rear window relay, Fuse holder C, Heated rear window

- C18 Window aerial suppression filter
- J9 Heated rear window relay
- SC Fuse holder C
- SC5 Fuse 5 on fuse holder C
- SC7 Fuse 7 on fuse holder C
- SC8 Fuse 8 on fuse holder C
- SC11 Fuse 11 on fuse holder C
- SC42 Fuse 42 on fuse holder C
- SC53 Fuse 53 on fuse holder C
- S131 Fuse 1
- T4bg 4-pin connector
- Z1 Heated rear window

B315 Positive connection 1 (30a) in main wiring harness

- * For models with 4 doors
- *2 Not for RS 3 models
- *3 For RS 3 models
- *4 see applicable current flow diagram for battery
- *5 For models with 3 doors
- *6 For models with 5 doors
- *7 For Cabriolet models



Terminal 15 voltage supply relay, Fuse holder C

J329 Terminal 15 voltage supply relay

SC Fuse holder C

SC24 Fuse 24 on fuse holder C

SC27 Fuse 27 on fuse holder C

SC29 Fuse 29 on fuse holder C

SC34 Fuse 34 on fuse holder C

SC35 Fuse 35 on fuse holder C

SC47 Fuse 47 on fuse holder C

SC49 Fuse 49 on fuse holder C

S132 Fuse 2

T17c 17-pin connector, red

366 Earth connection 1, in main wiring harness

684 Earth point on front of left side member

B279 Positive connection 3 (15a) in main wiring harness

* Fuse rating depends on equipment, see fitting locations

*2 Cross section depends on equipment

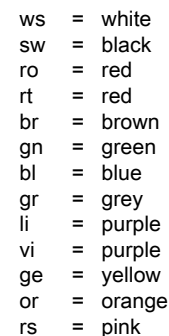
*3 For models with no hybrid drive system

*4 Not for RS 3 models

*5 For RS 3 models

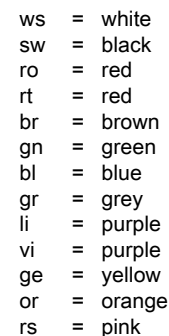
*6 see applicable current flow diagram for battery

ws = white
sw = black
ro = red
rt = red
br = brown
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bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
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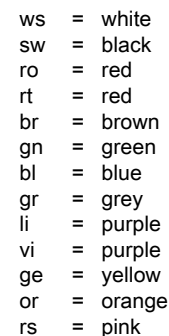


J519 Onboard supply control unit
T73a 73-pin connector, black
T73c 73-pin connector, black

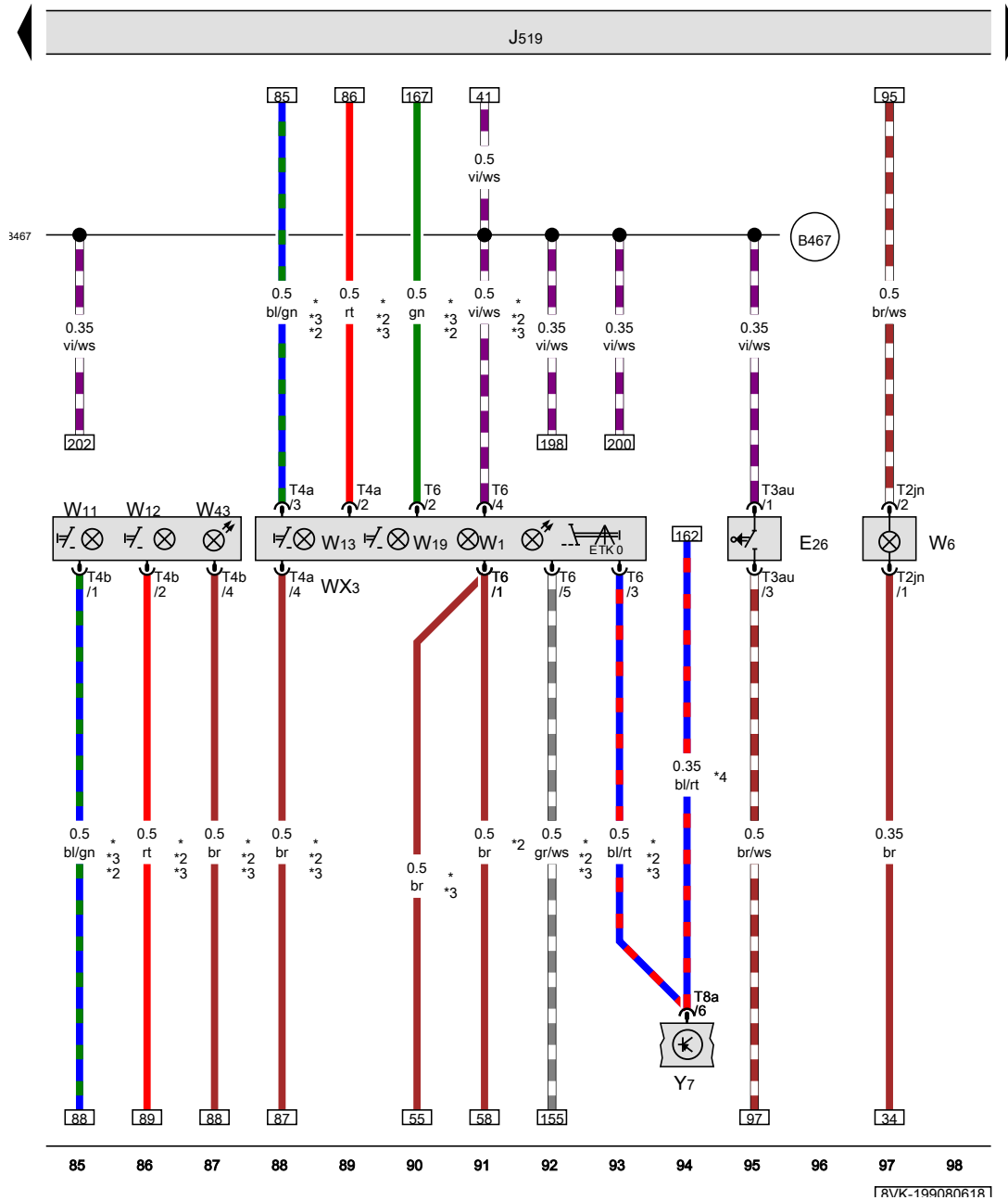
- 367 Earth connection 2, in main wiring harness
- 369 Earth connection 4, in main wiring harness
- 382 Earth connection 17, in main wiring harness
- 639 Earth point, left A-pillar
 - * For models with 3 doors
 - *2 For models with 5 doors
 - *3 For models with 4 doors
 - *4 For Cabriolet models
 - *5 For RS 3 models



J234	Airbag control unit
J519	Onboard supply control unit
T16	16-pin connector
T73a	73-pin connector, black
T73c	73-pin connector, black
T90	90-pin connector, yellow
375	Earth connection 10, in main wiring harness
382	Earth connection 17, in main wiring harness
389	Earth connection 24, in main wiring harness
*	Diagnostic connection
*2	For models with 4 doors
*3	For Cabriolet models



J519	Onboard supply control unit
J533	Data bus diagnostic interface
T17b	17-pin connector, brown
T20a	20-pin connector, red
T73a	73-pin connector, black
372	Earth connection 7, in main wiring harness
375	Earth connection 10, in main wiring harness
751	Earth point 2, on right A-pillar
B108	Connection 1 (CAN bus extended high), in main wiring harness
B109	Connection 1 (CAN bus extended low), in main wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B415	Connection 1 (infotainment CAN bus, high), in main wiring harness
B421	Connection 1 (infotainment CAN bus, low), in main wiring harness
B466	Connection 2, in main wiring harness
B467	Connection 3, in main wiring harness
B528	Connection 1 (LIN bus) in main wiring harness
B673	Connection 2 (running gear/dash panel insert CAN bus, high), in main wiring harness
B677	Connection 2 (running gear/dash panel insert CAN bus, low), in main wiring harness
*	For models with no start/stop system
*2	For Cabriolet models



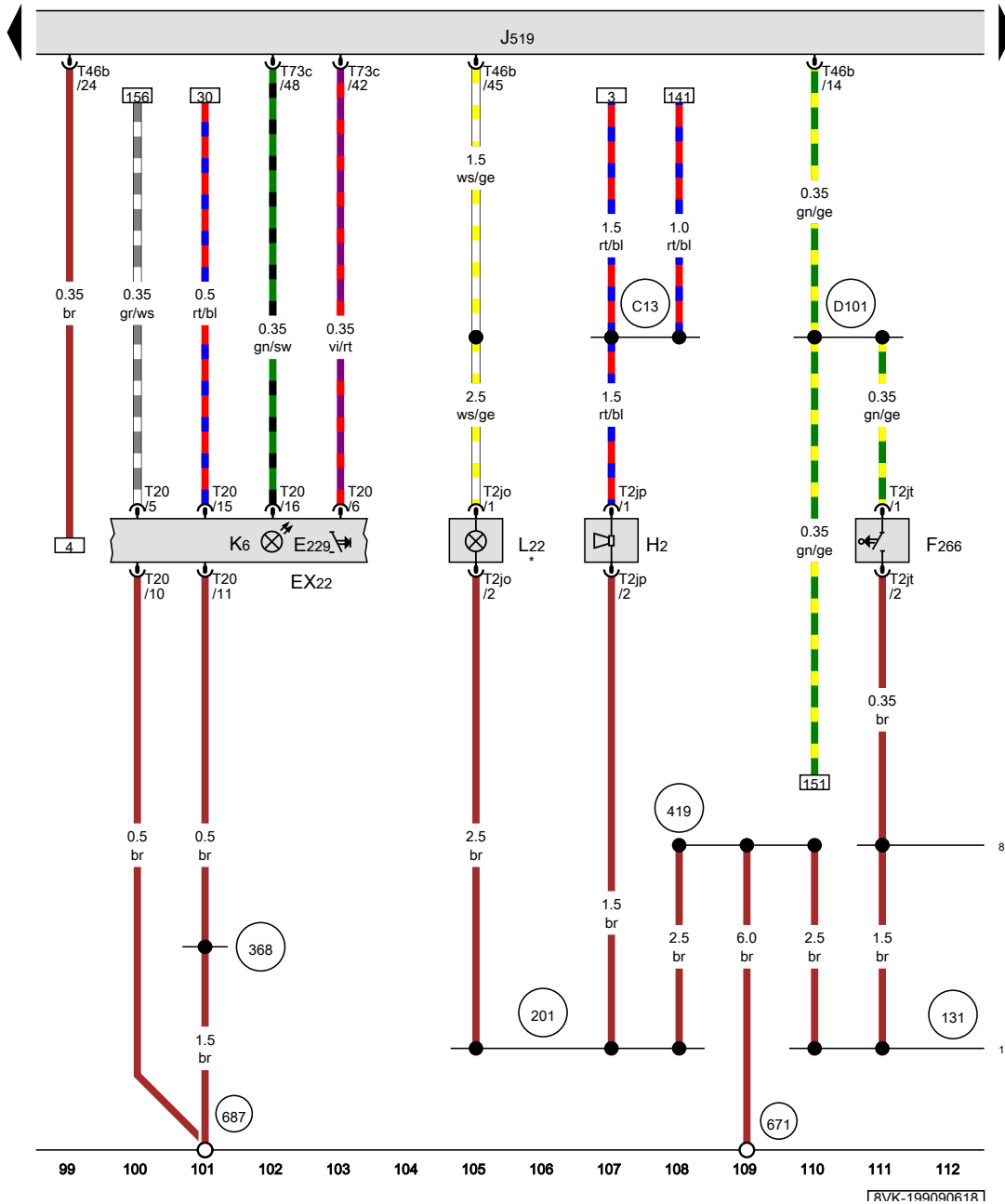
Glove compartment light switch, Onboard supply control unit, Front roof module, Glove compartment light, Rear interior light

- E26 Glove compartment light switch
- J519 Onboard supply control unit
- T2jn 2-pin connector, white
- T3au 3-pin connector, black
- T4a 4-pin connector
- T4b 4-pin connector
- T6 6-pin connector, black
- T8a 8-pin connector, black
- W1 Front interior light
- WX3 Front roof module
- W6 Glove compartment light
- W11 Rear left reading light
- W12 Rear right reading light
- W13 Front passenger reading light
- W19 Driver side reading light
- W43 Rear interior light
- Y7 Automatic anti-dazzle interior mirror

B467 Connection 3, in main wiring harness

- * For models with 3 doors
- *2 For models with 4 doors
- *3 For models with 5 doors
- *4 For Cabriolet models

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

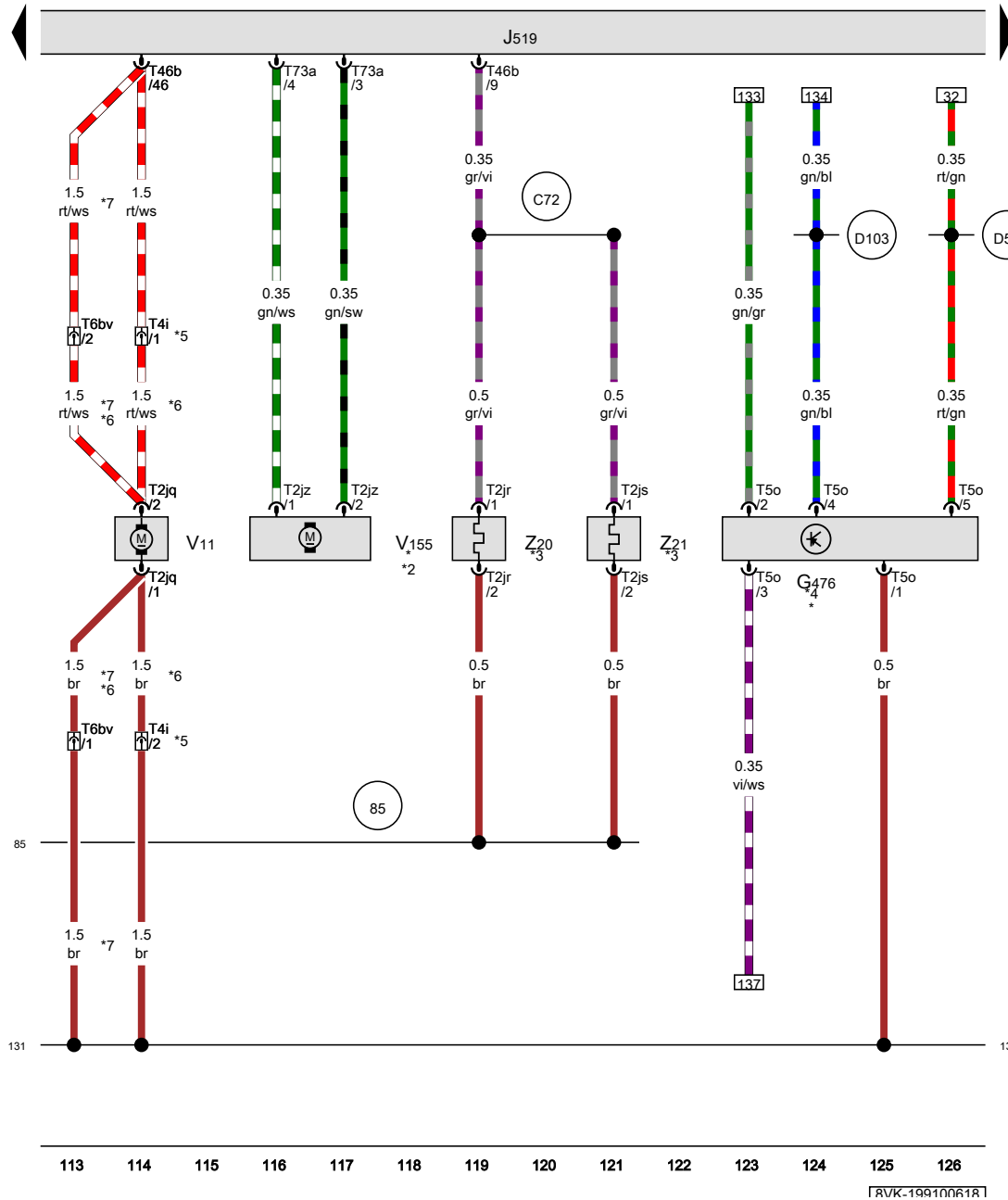


Centre switch module in dash panel, Hazard warning lights button, Bonnet contact switch, Treble horn, Onboard supply control unit, Left fog light bulb

- EX22 Centre switch module in dash panel
- E229 Hazard warning lights button
- F266 Bonnet contact switch
- H2 Treble horn
- J519 Onboard supply control unit
- K6 Indicator lamp for hazard warning light
- L22 Left fog light bulb
- T2jo 2-pin connector, black
- T2jp 2-pin connector, black
- T2jt 2-pin connector, black
- T20 20-pin connector, red
- T46b 46-pin connector, black
- T73c 73-pin connector, black

- 85 Earth connection 1, in engine compartment wiring harness
- 131 Earth connection 2, in engine compartment wiring harness
- 201 Earth connection 5, in engine compartment wiring harness
- 368 Earth connection 3, in main wiring harness
- 419 Earth connection 11, in engine compartment wiring harness
- 671 Earth point 1, on front of left longitudinal member
- 687 Earth point 1, on centre tunnel
- C13 Positive connection in dual tone horn wiring harness
- D101 Connection 1 in engine compartment wiring harness
- * For models with fog lights

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- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



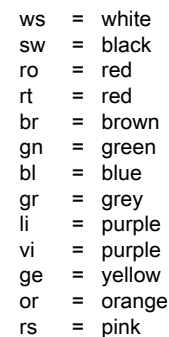
Clutch position sender, Onboard supply control unit, Headlight washer system pump, Tank filler flap locking motor, Left washer jet heater element, Right washer jet heater element

- G476 Clutch position sender
- J519 Onboard supply control unit
- T2jq 2-pin connector, black
- T2jr 2-pin connector, black
- T2js 2-pin connector, black
- T2jz 2-pin connector, black
- T4i 4-pin connector, black
- T5o 5-pin connector, black
- T6bv 6-pin connector, black
- T46b 46-pin connector, black
- T73a 73-pin connector, black
- V11 Headlight washer system pump
- V155 Tank filler flap locking motor
- Z20 Left washer jet heater element
- Z21 Right washer jet heater element

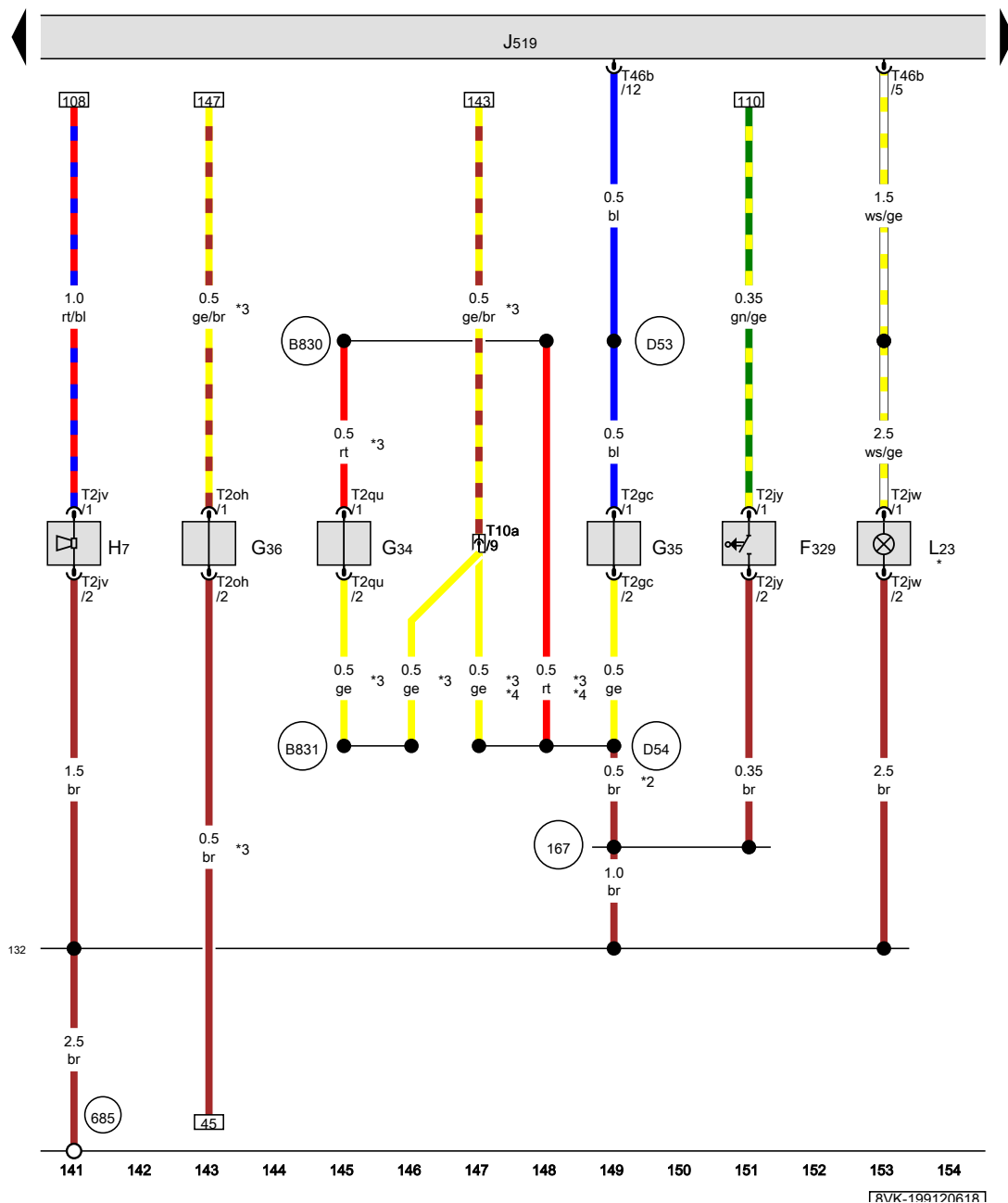
- 85 Earth connection 1, in engine compartment wiring harness
- 131 Earth connection 2, in engine compartment wiring harness
- C72 Positive connection in heated washer jet wiring harness
- D52 Positive connection (15a), in engine compartment wiring harness
- D103 Connection 3 in engine compartment wiring harness

- * For models with no hybrid drive system
- *2 see applicable current flow diagram for high-voltage system
- *3 For models with heater element for washer jets
- *4 For models with manual gearbox
- *5 According to equipment
- *6 Wiring colour depends on equipment
- *7 For RS 3 models

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink



- * For models with no hybrid drive system
- *2 see applicable current flow diagram for engine
- *3 According to equipment

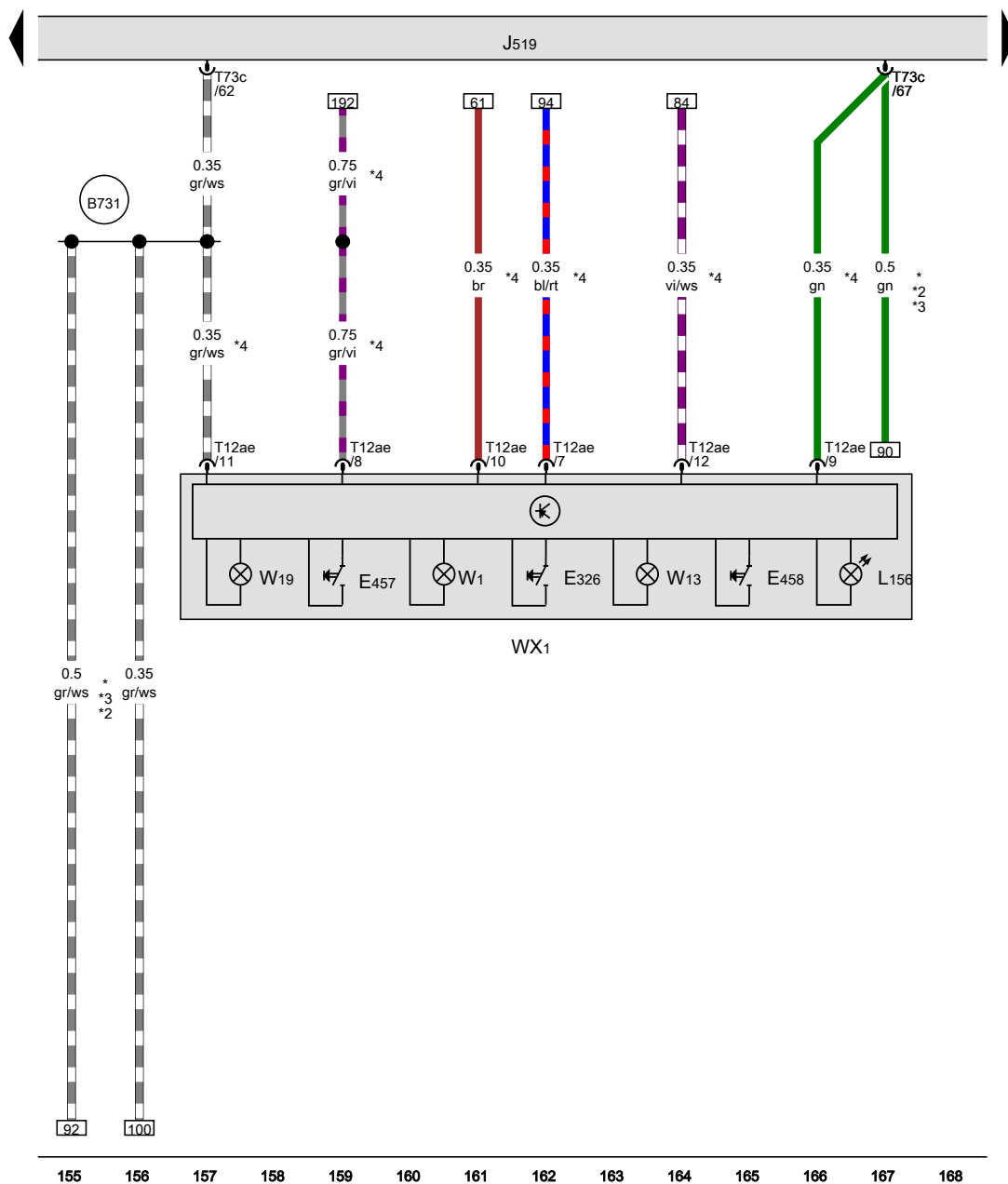


ws = white
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 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

Bonnet contact switch 2, Front left brake pad wear sender, Front right brake pad wear sender, Bass horn, Onboard supply control unit, Right fog light bulb

F329 Bonnet contact switch 2
 G34 Front left brake pad wear sender
 G35 Front right brake pad wear sender
 G36 Rear left brake pad wear sender
 H7 Bass horn
 J519 Onboard supply control unit
 L23 Right fog light bulb
 T2gc 2-pin connector
 T2jv 2-pin connector, black
 T2jw 2-pin connector, black
 T2jy 2-pin connector, black
 T2oh 2-pin connector, black
 T2qu 2-pin connector
 T10a 10-pin connector, white
 T46b 46-pin connector, black

132 Earth connection 3, in engine compartment wiring harness
 167 Earth connection 4, in engine compartment wiring harness
 685 Earth point 1, on front of right longitudinal member
 B830 Connection 5 (brake pad wear indicator), in main wiring harness
 B831 Connection 6 (brake pad wear indicator), in main wiring harness
 D53 Connection (right brake wear indicator), in engine compartment wiring harness
 D54 Connection (right brake wear indicator), in engine compartment wiring harness
 * For models with fog lights
 *2 Not for RS 3 models
 *3 For RS 3 models
 *4 According to equipment



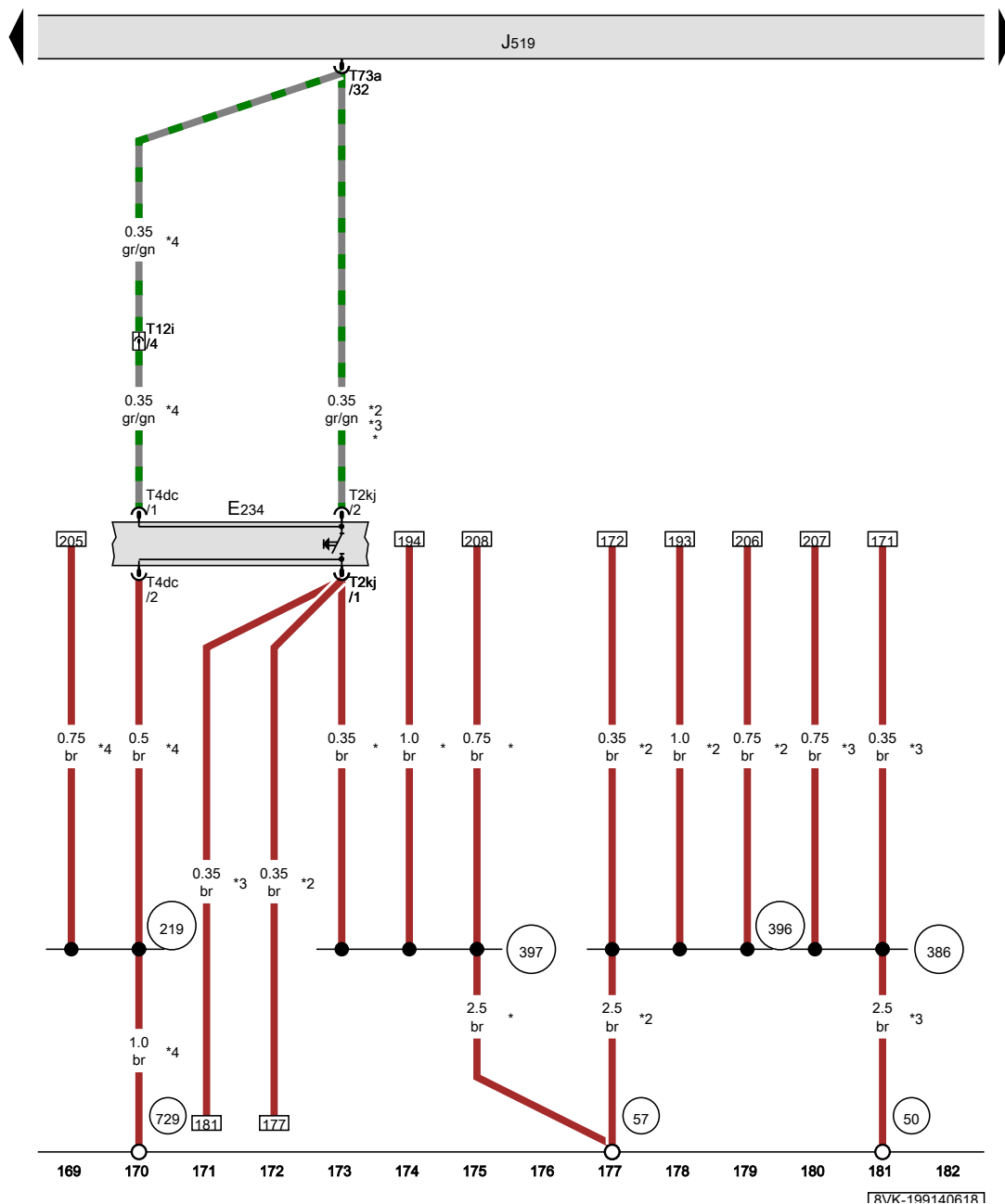
Onboard supply control unit, Front interior light

- E326 Front interior light button
- E457 Driver side reading light button
- E458 Front passenger side reading light button
- J519 Onboard supply control unit
- L156 Switch illumination bulb
- T12ae 12-pin connector, black
- T73c 73-pin connector, black
- WX1 Front interior light
- W1 Front interior light
- W13 Front passenger reading light
- W19 Driver side reading light

B731 Connection 1 (58s), in main wiring harness

- * For models with 3 doors
- *2 For models with 5 doors
- *3 For models with 4 doors
- *4 For Cabriolet models

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- vi = purple
- ge = yellow
- or = orange
- rs = pink



Rear lid handle release button, Onboard supply control unit

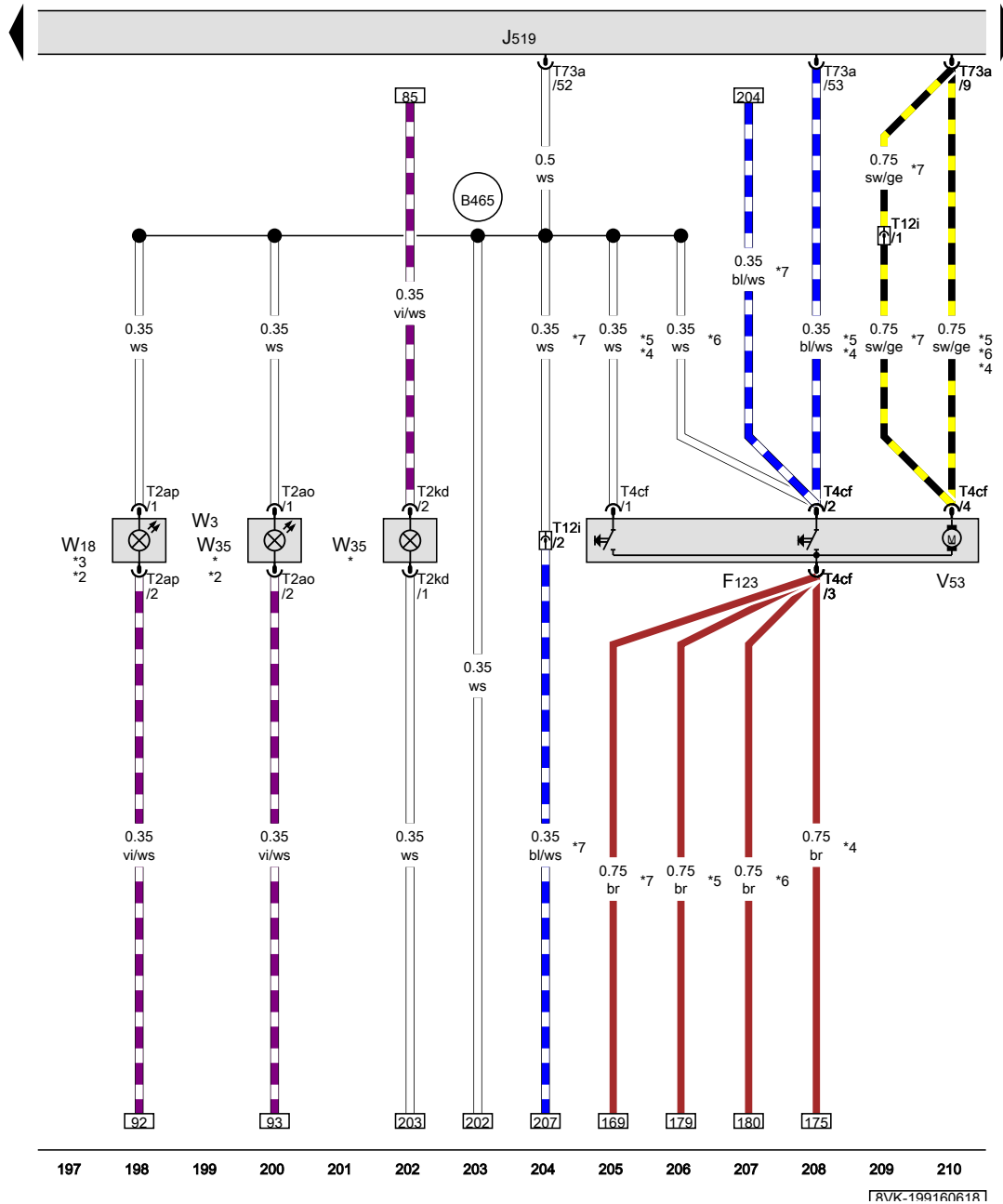
- E234 Rear lid handle release button
- J519 Onboard supply control unit
- T2kj 2-pin connector, black
- T4dc 4-pin connector, black
- T12i 12-pin connector, black
- T73a 73-pin connector, black

- 50 Earth point, on left in luggage compartment
- 57 Earth point, rear left pillar
- 219 Earth connection 2, in rear lid wiring harness
- 386 Earth connection 21, in main wiring harness
- 396 Earth connection 31, in main wiring harness
- 397 Earth connection 32, in main wiring harness
- 729 Earth point, on left rear wheel housing

- * For models with 5 doors
- *2 For models with 3 doors
- *3 For models with 4 doors
- *4 For Cabriolet models

- ws = white
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- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Rear lid contact switch for anti-theft alarm, Onboard supply control unit, Rear lid central locking motor

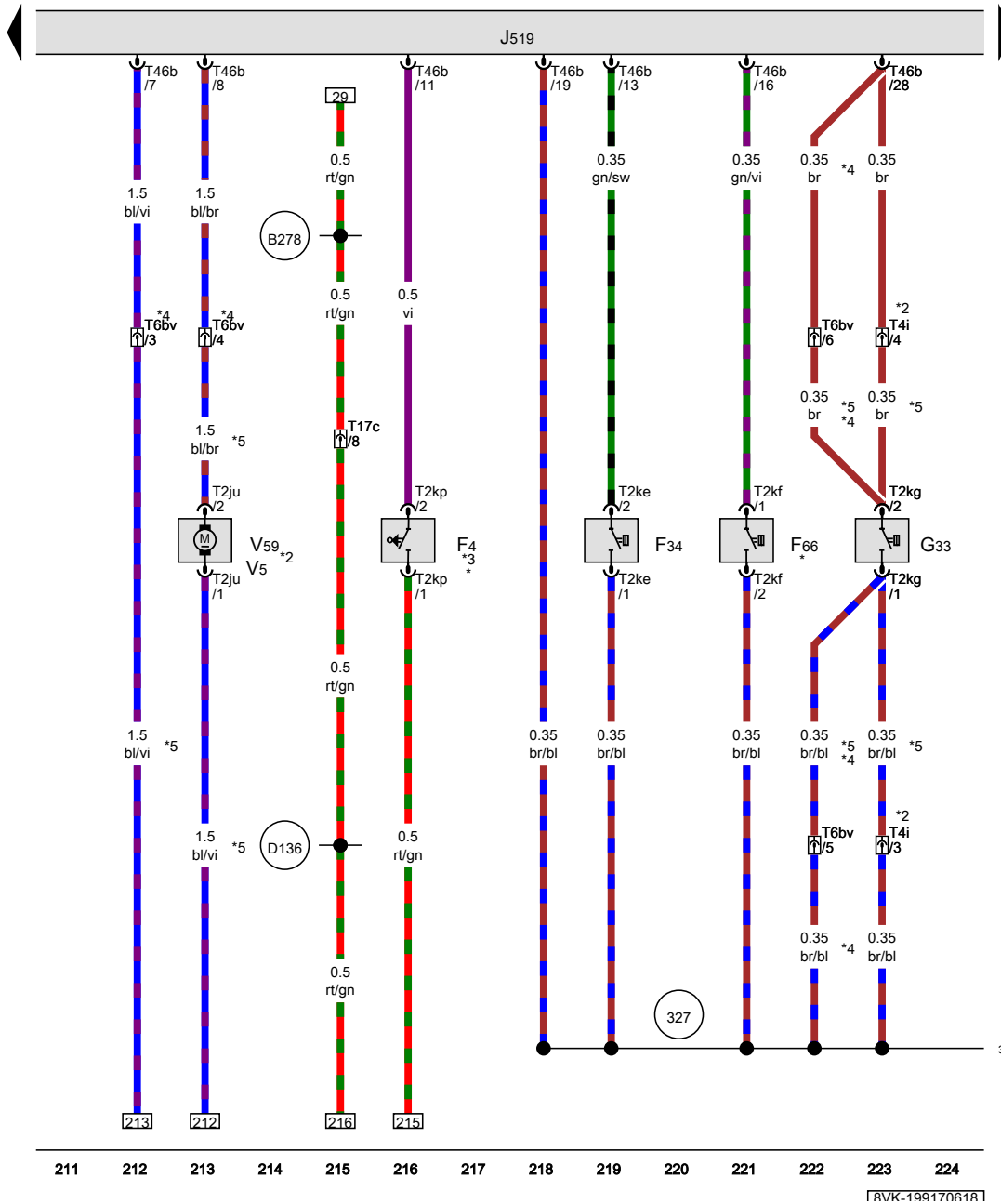


- F123 Rear lid contact switch for anti-theft alarm
- J519 Onboard supply control unit
- T2ao 2-pin connector
- T2ap 2-pin connector
- T2kd 2-pin connector
- T4cf 4-pin connector, black
- T12i 12-pin connector, black
- T73a 73-pin connector, black
- V53 Rear lid central locking motor
- W3 Luggage compartment light
- W18 Left luggage compartment light
- W35 Right luggage compartment light

B465 Connection 1, in main wiring harness

- * According to equipment
- *2 Pre-wired component
- *3 If fitted
- *4 For models with 5 doors
- *5 For models with 3 doors
- *6 For models with 4 doors
- *7 For Cabriolet models

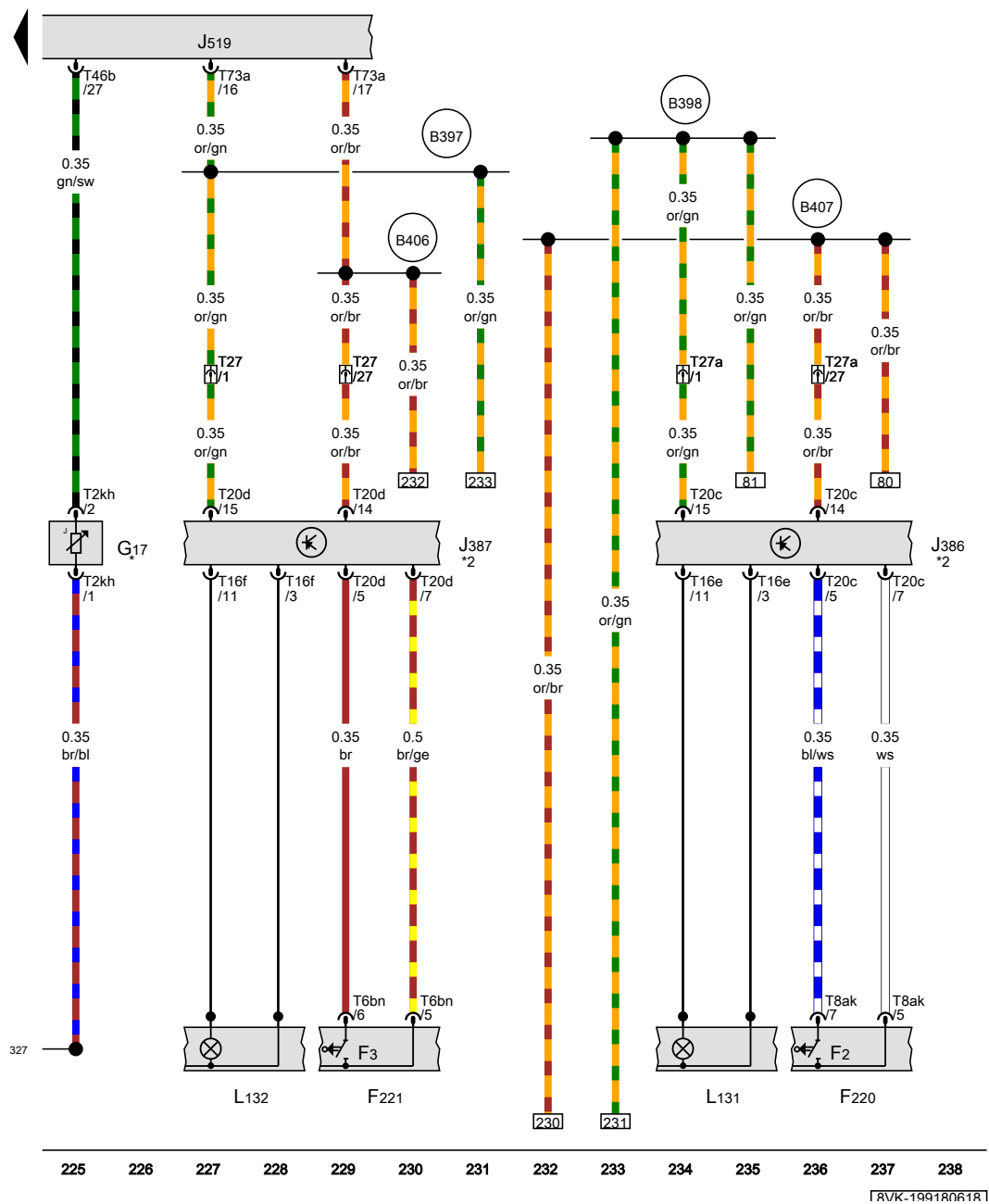
ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



Reversing light switch, Brake fluid level warning contact, Coolant shortage indicator switch, Windscreen washer fluid level sender, Onboard supply control unit, Windscreen and rear window washer pump

- F4 Reversing light switch
- F34 Brake fluid level warning contact
- F66 Coolant shortage indicator switch
- G33 Windscreen washer fluid level sender
- J519 Onboard supply control unit
- T2ju 2-pin connector
- T2ke 2-pin connector, black
- T2kf 2-pin connector, black
- T2kg 2-pin connector, black
- T2kp 2-pin connector, black
- T4i 4-pin connector, black
- T6bv 6-pin connector, black
- T17c 17-pin connector, red
- T46b 46-pin connector, black
- V5 Washer pump
- V59 Windscreen and rear window washer pump
- 327 Earth connection (sender earth), in engine compartment wiring harness
- B278 Positive connection 2 (15a) in main wiring harness
- D136 Positive connection 2 (15a), in engine compartment wiring harness
- * For models with no hybrid drive system
- *2 According to equipment
- *3 For models with manual gearbox
- *4 For RS 3 models
- *5 Wiring colour depends on equipment

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



Driver side central locking lock unit, Front passenger side central locking lock unit, Ambient temperature sensor, Driver door control unit, Front passenger door control unit, Onboard supply control unit, Driver side turn signal repeater bulb, Front passenger side turn signal repeater bulb

- F2 Driver door contact switch
- F3 Front passenger door contact switch
- F220 Driver side central locking lock unit
- F221 Front passenger side central locking lock unit
- G17 Ambient temperature sensor
- J386 Driver door control unit
- J387 Front passenger door control unit
- J519 Onboard supply control unit
- L131 Driver side turn signal repeater bulb
- L132 Front passenger side turn signal repeater bulb
- T2kh 2-pin connector, black
- T6bn 6-pin connector
- T8ak 8-pin connector
- T16e 16-pin connector
- T16f 16-pin connector
- T20c 20-pin connector, black
- T20d 20-pin connector, black
- T27 27-pin connector, on left A-pillar, black
- T27a 27-pin connector, on right A-pillar, black
- T46b 46-pin connector, black
- T73a 73-pin connector, black
- 327 Earth connection (sender earth), in engine compartment wiring harness
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness
- * According to equipment
- *2 see applicable current flow diagram for convenience system

Adjustable driver and front passenger seats , (3L5),(3PP)

From August 2016

Fuse 1 on fuse holder A, Fuse 4 on fuse holder A, Front passenger seat adjustment thermal fuse 1, Fuse holder C

- SA1 Fuse 1 on fuse holder A
- SA4 Fuse 4 on fuse holder A
- S46 Front passenger seat adjustment thermal fuse 1
- SC Fuse holder C
- SC45 Fuse 45 on fuse holder C

370 Earth connection 5, in main wiring harness

371 Earth connection 6, in main wiring harness

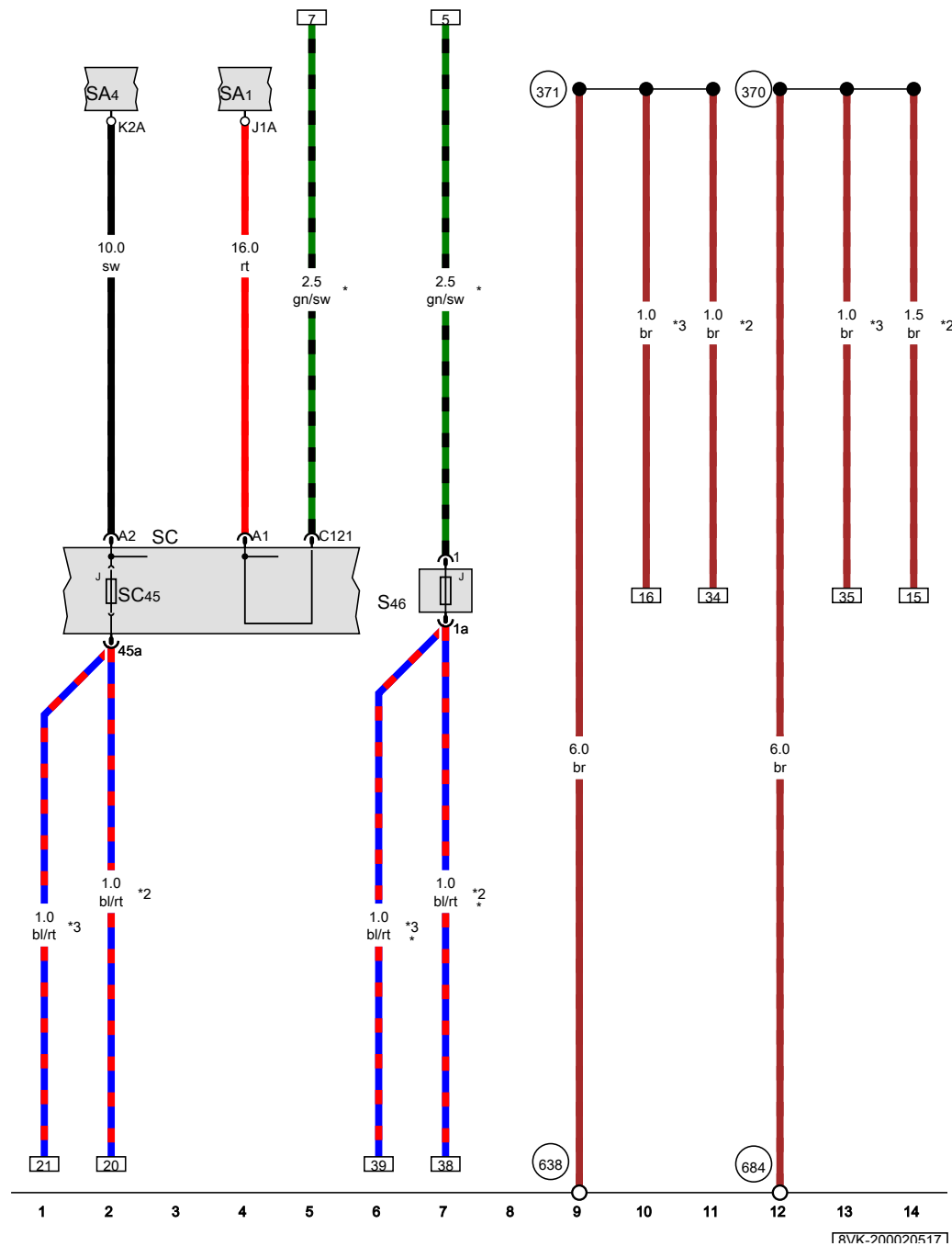
638 Earth point, on right A-pillar

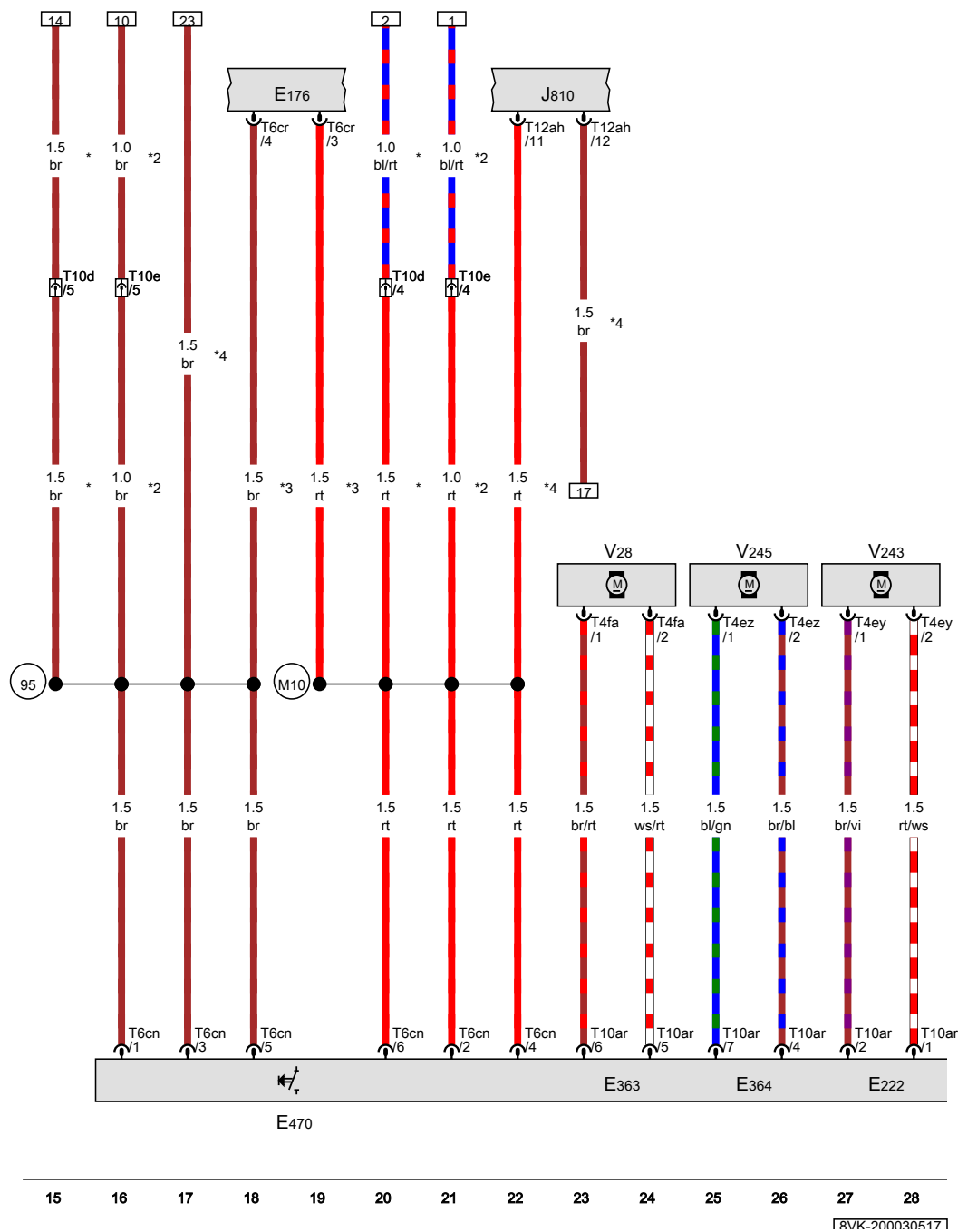
684 Earth point on front of left side member

* Only models with seat adjustment

*2 Only left-hand drive models

*3 Only right-hand drive models





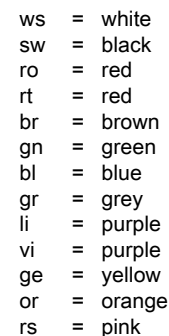
Driver seat lumbar support adjustment switch, Driver seat adjustment operating unit, Driver seat adjustment control unit, Driver seat longitudinal adjustment motor, Driver seat rake adjustment motor, Driver seat height adjustment motor

- E176 Driver seat lumbar support adjustment switch
- E222 Driver seat rake adjustment switch
- E363 Driver seat longitudinal adjustment switch
- E364 Driver seat height adjustment switch
- E470 Driver seat adjustment operating unit
- J810 Driver seat adjustment control unit
- T4ey 4-pin connector, black
- T4ez 4-pin connector, black
- T4fa 4-pin connector, black
- T6cn 6-pin connector, black
- T6cr 6-pin connector, white
- T10ar 10-pin connector, black
- T10d 10-pin connector, in coupling point for front seat, left, red
- T10e 10-pin connector, in coupling point for front seat, right, red
- T12ah 12-pin connector, black
- V28 Driver seat longitudinal adjustment motor
- V243 Driver seat rake adjustment motor
- V245 Driver seat height adjustment motor

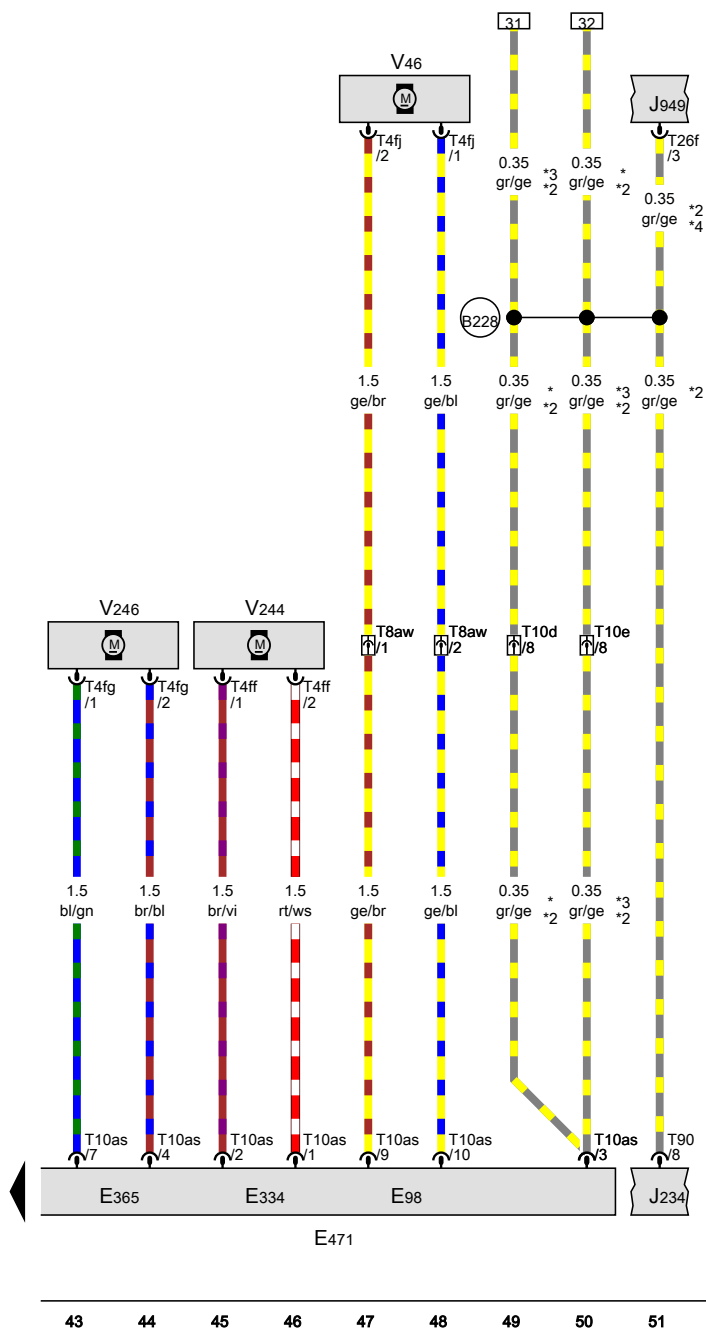
95 Earth connection 1, in seat adjustment wiring harness

M10 Connection 1, in driver seat adjustment wiring harness

- * Only left-hand drive models
- *2 Only right-hand drive models
- *3 Lumbar support with no massage
- *4 Lumbar support with massage



E64	Front passenger seat longitudinal adjustment switch
E96	Driver seat backrest adjustment switch
E177	Front passenger seat lumbar support adjustment switch
E470	Driver seat adjustment operating unit
E471	Front passenger seat adjustment operating unit
T4fh	4-pin connector, black
T4fi	4-pin connector, black
T6cs	6-pin connector, white
T6cv	6-pin connector, black
T8av	8-pin connector, in backrest, black
T10ar	10-pin connector, black
T10as	10-pin connector, black
T10d	10-pin connector, in coupling point for front seat, left, red
T10e	10-pin connector, in coupling point for front seat, right, red
T12af	12-pin connector, in backrest, black
V31	Front passenger seat longitudinal adjustment motor
V45	Driver seat backrest adjustment motor
140	Earth connection 2, in seat adjustment wiring harness
M18	Connection 1, in front passenger seat adjustment wiring harness
*	Only models with seat adjustment with no massage function
*2	Only models with seat adjustment with massage function
*3	Only left-hand drive models
*4	Only right-hand drive models
*5	Only models with seat adjustment
*6	According to equipment
*7	Lumbar support with no massage

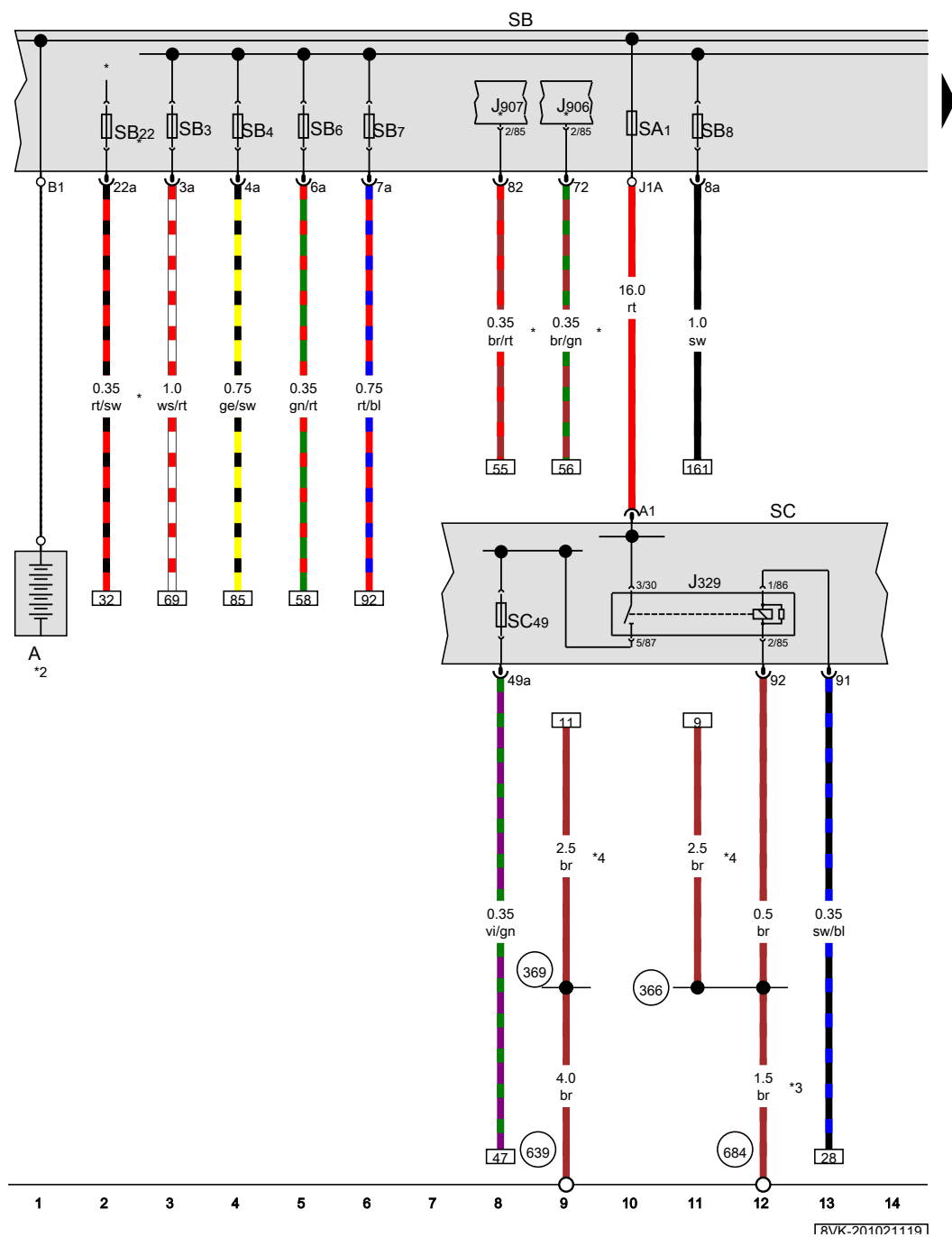


Front passenger seat adjustment operating unit, Front passenger seat backrest adjustment motor, Front passenger seat rake adjustment motor, Front passenger seat height adjustment motor

- E98 Front passenger seat backrest adjustment switch
- E334 Front passenger seat rake adjustment button
- E365 Front passenger seat height adjustment switch
- E471 Front passenger seat adjustment operating unit
- J234 Airbag control unit
- J949 Emergency call module control unit and communication unit
- T4ff 4-pin connector, black
- T4fg 4-pin connector, black
- T4fj 4-pin connector, black
- T8aw 8-pin connector, in backrest, black
- T10as 10-pin connector, black
- T10d 10-pin connector, in coupling point for front seat, left, red
- T10e 10-pin connector, in coupling point for front seat, right, red
- T26f 26-pin connector, black
- T90 90-pin connector, yellow
- V46 Front passenger seat backrest adjustment motor
- V244 Front passenger seat rake adjustment motor
- V246 Front passenger seat height adjustment motor
- B228 Connection (crash signal), in interior wiring harness
- * Only right-hand drive models
- *2 According to equipment
- *3 Only left-hand drive models
- *4 Only models with emergency call module

ws = white
sw = black
ro = red
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gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

1.0l petrol engine , DKRA,DKRF
From March 2018



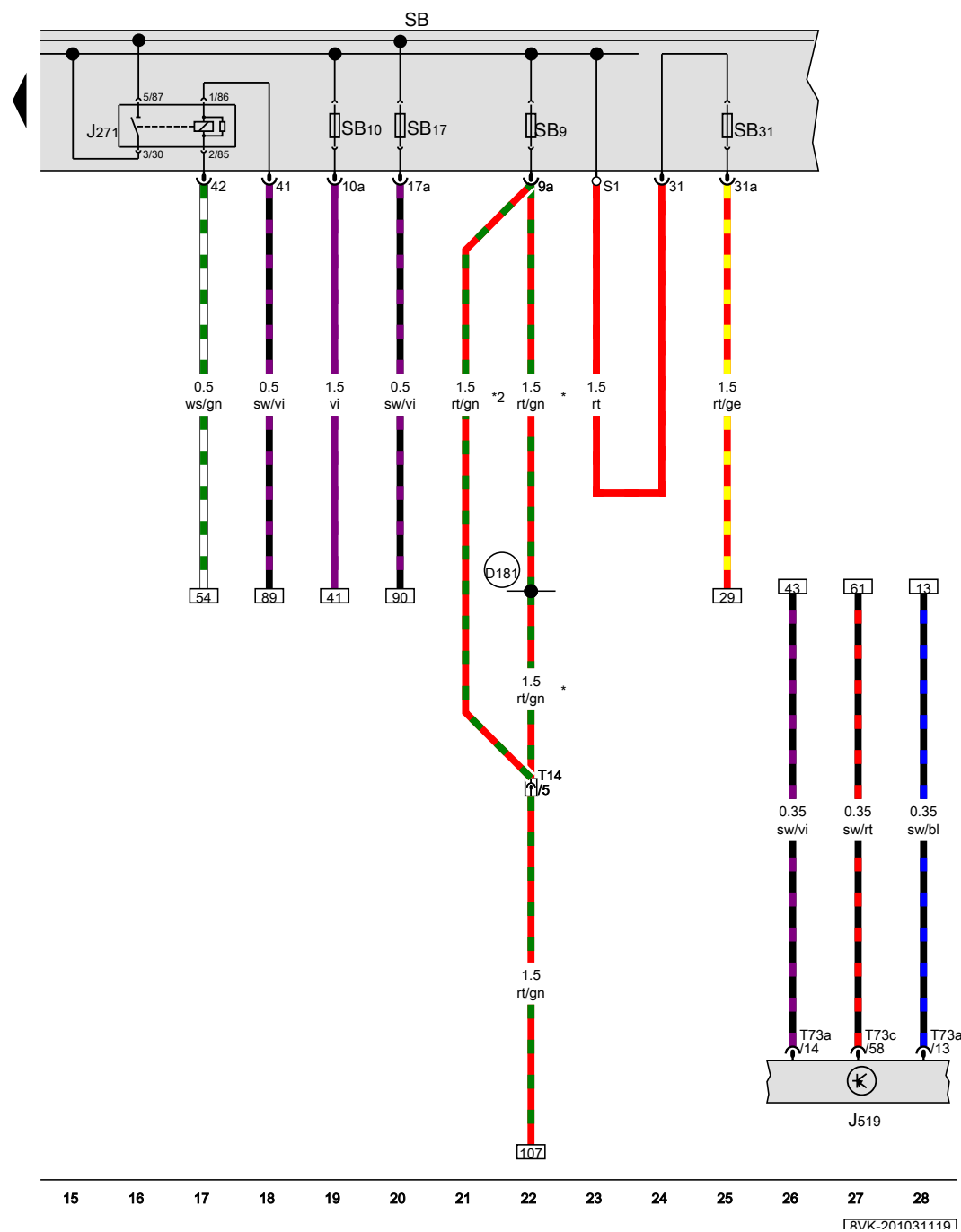
Terminal 15 voltage supply relay, Fuse holder B, Fuse holder C

- A Battery
- J329 Terminal 15 voltage supply relay
- J906 Starter relay 1
- J907 Starter relay 2
- SA1 Fuse 1 on fuse holder A
- SB Fuse holder B
- SB3 Fuse 3 on fuse holder B
- SB4 Fuse 4 on fuse holder B
- SB6 Fuse 6 on fuse holder B
- SB7 Fuse 7 on fuse holder B
- SB8 Fuse 8 on fuse holder B
- SB22 Fuse 22 on fuse holder B
- SC Fuse holder C
- SC49 Fuse 49 on fuse holder C

- 366 Earth connection 1, in main wiring harness
- 369 Earth connection 4, in main wiring harness
- 639 Earth point, left A-pillar
- 684 Earth point on front of left side member

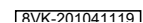
- * see applicable current flow diagram for battery in engine compartment
- *2 see applicable current flow diagram for battery
- *3 For right-hand drive models
- *4 For left-hand drive models

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Main relay, Onboard supply control unit, Fuse holder B

- J271 Main relay
- J519 Onboard supply control unit
- SB Fuse holder B
- SB9 Fuse 9 on fuse holder B
- SB10 Fuse 10 on fuse holder B
- SB17 Fuse 17 on fuse holder B
- SB31 Fuse 31 on fuse holder B
- T14 14-pin connector, grey
- T73a 73-pin connector, black
- T73c 73-pin connector, black
- D181 Connection 2 (87a), in engine compartment wiring harness
- * Gradually discontinued
- *2 gradual introduction



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D	Ignition/starter switch
G701	Gearbox neutral position sender
J518	Entry and start authorisation control unit
J527	Steering column electronics control unit
J538	Fuel pump control unit
J623	Engine/motor control unit
J764	Control unit for electronic steering column lock
T3at	3-pin connector, black
T5c	5-pin connector, black
T6bx	6-pin connector, black
T6dm	6-pin connector, black
T17c	17-pin connector, on lower section of left A-pillar, red
T40a	40-pin connector, black
T94	94-pin connector, black
V192	Vacuum pump for brakes
132	Earth connection 3, in engine compartment wiring harness
656	Earth point, on right headlight

* see applicable current flow diagram for entry and start authorisation

*2 According to equipment

*3 see applicable current flow diagram for steering column electronics

*4 For models with cruise control system (CCS)

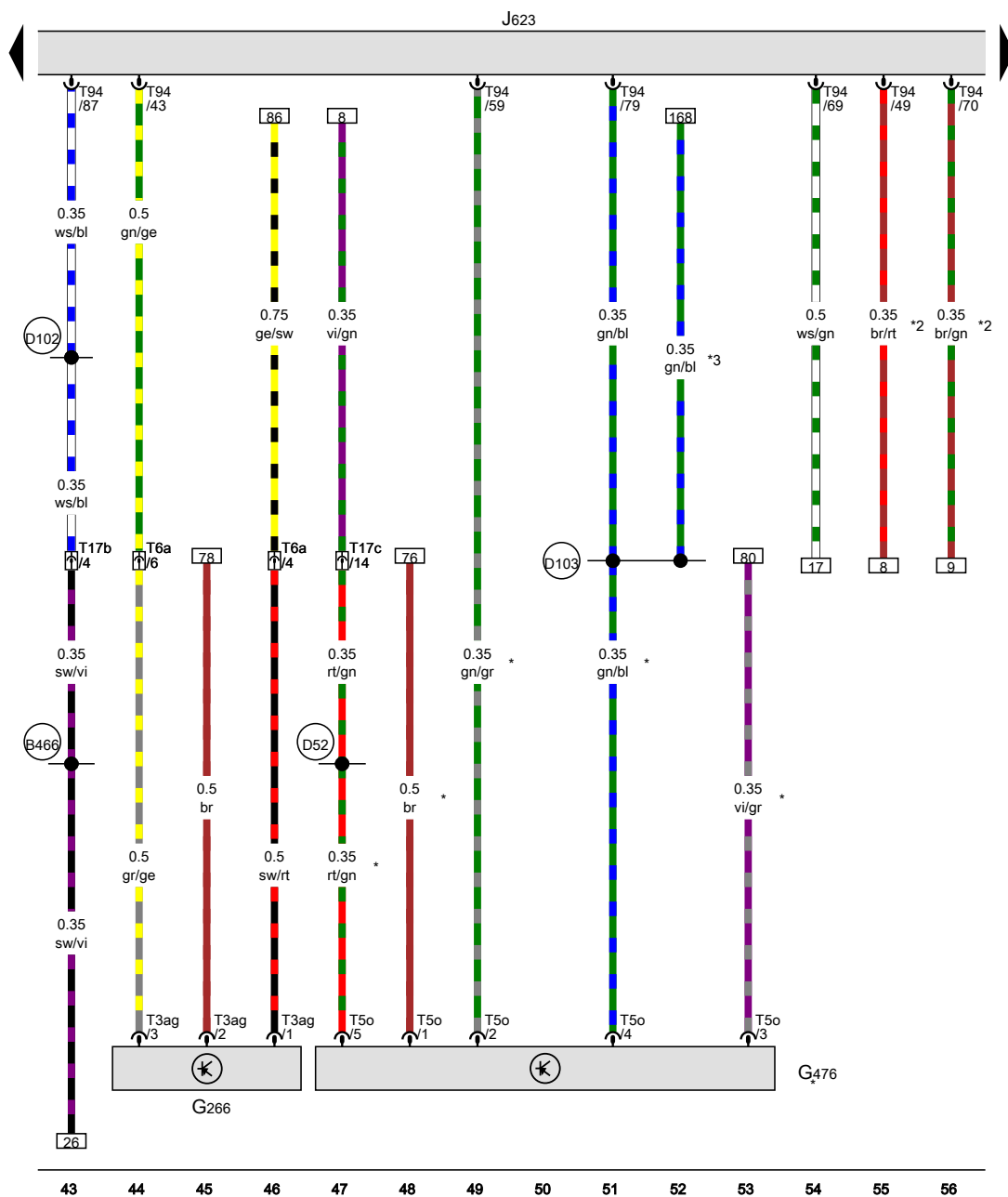
*5 see applicable current flow diagram for battery in engine compartment

*6 see applicable current flow diagram for fuel system

*7 For models with no entry and start authorisation

*8 Up to June 2018

*9 From July 2018

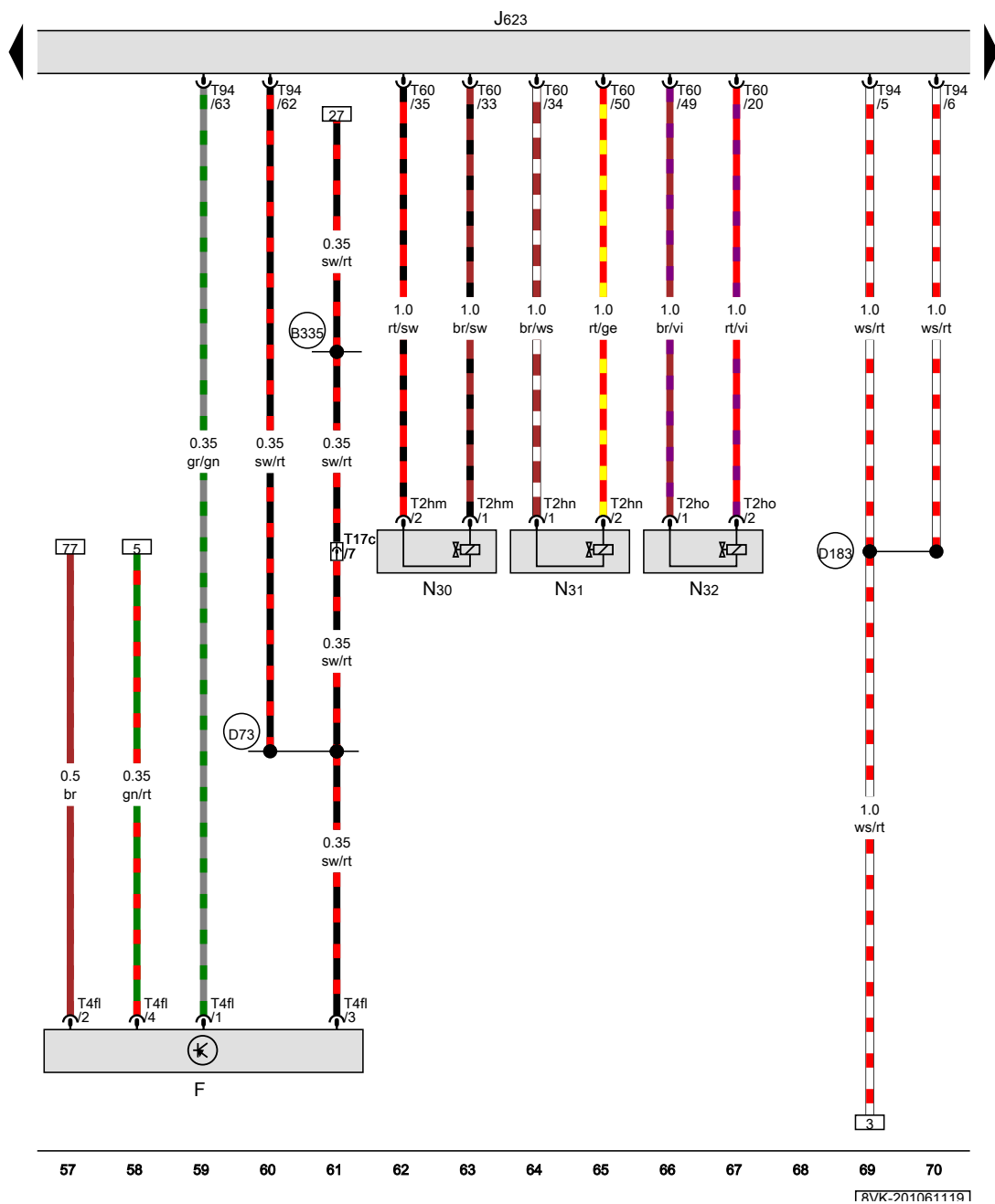


Oil level and oil temperature sender, Clutch position sender, Engine/motor control unit

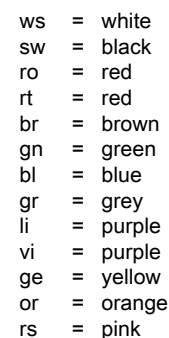
- G266 Oil level and oil temperature sender
- G476 Clutch position sender
- J623 Engine/motor control unit
- T3ag 3-pin connector, black
- T5o 5-pin connector, black
- T6a 6-pin connector, black
- T17b 17-pin connector, on lower section of left A-pillar, brown
- T17c 17-pin connector, on lower section of left A-pillar, red
- T94 94-pin connector, black
- B466 Connection 2, in main wiring harness
- D52 Positive connection (15a), in engine compartment wiring harness
- D102 Connection 2 in engine compartment wiring harness
- D103 Connection 3 in engine compartment wiring harness
- * For models with manual gearbox
- *2 see applicable current flow diagram for battery in engine compartment
- *3 For models with dual clutch gearbox

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Brake light switch, Engine/motor control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3



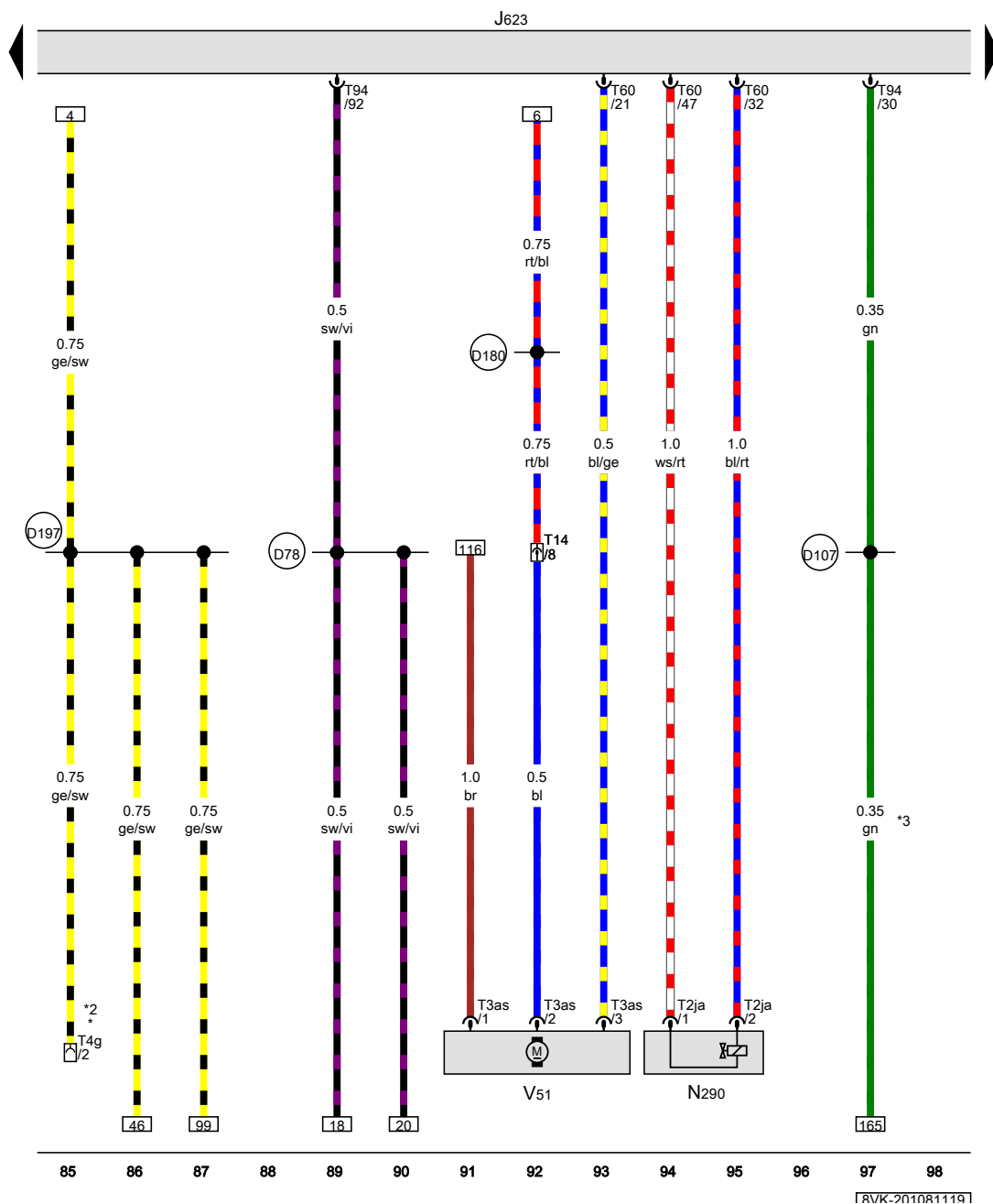
18VW-201061119



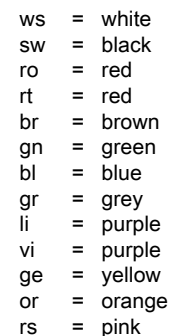
G608	Vacuum sender
J104	ABS control unit
J623	Engine/motor control unit
T3aa	3-pin connector, black
T4g	4-pin connector, black
T6a	6-pin connector, black
T46a	46-pin connector, black
T9a	94-pin connector, black

85	Earth connection 1, in engine compartment wiring harness
131	Earth connection 2, in engine compartment wiring harness
209	Earth connection 6, in engine compartment wiring harness
419	Earth connection 11, in engine compartment wiring harness
671	Earth point 1, on front of left longitudinal member
*	Radiator fan connection
*2	see applicable current flow diagram for radiator fan
*3	For models with manual gearbox

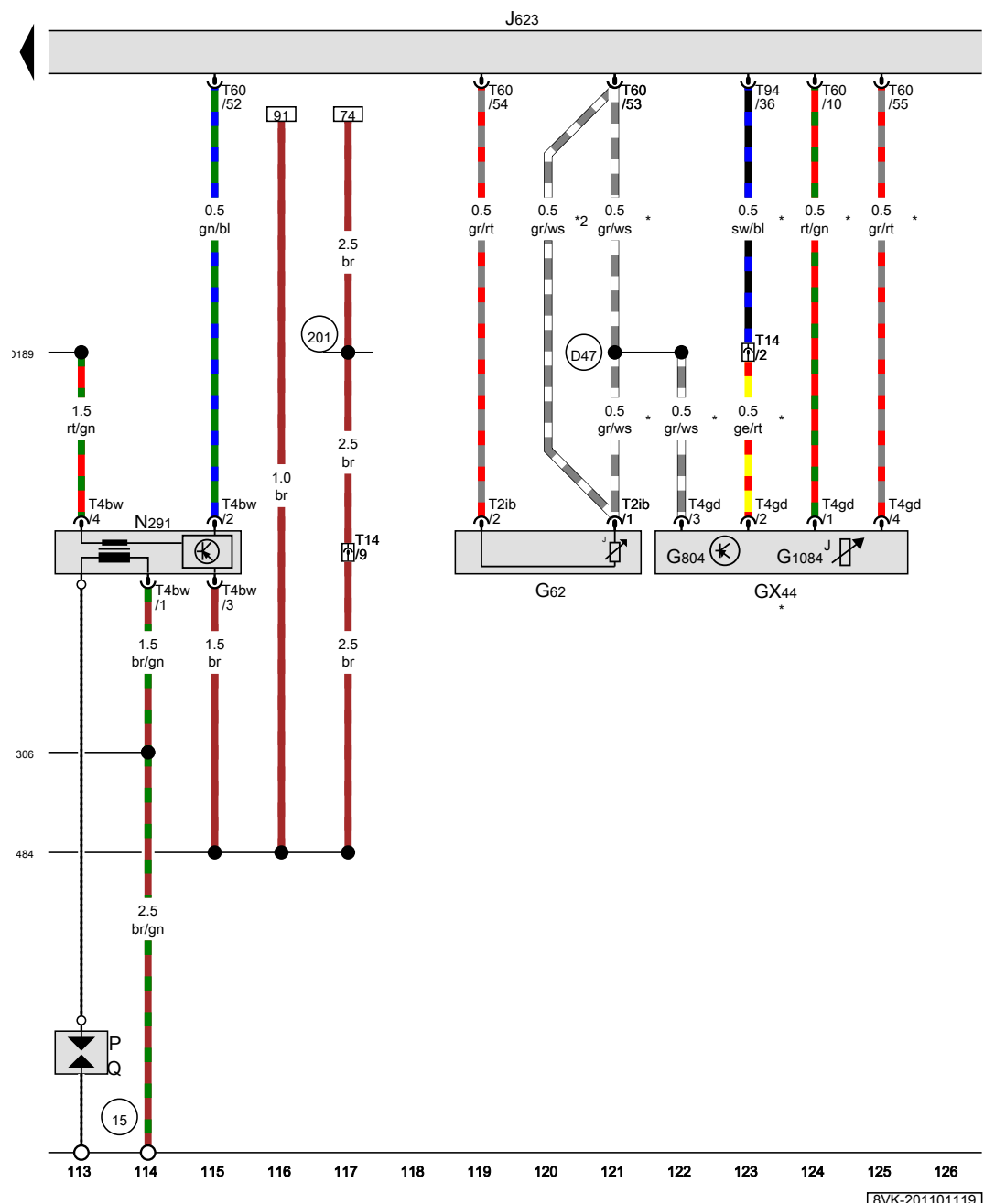
Engine/motor control unit, Fuel metering valve, Continued coolant circulation pump



- J623 Engine/motor control unit
- N290 Fuel metering valve
- T2ja 2-pin connector, black
- T3as 3-pin connector, black
- T4g 4-pin connector, black
- T14 14-pin connector, grey
- T60 60-pin connector, black
- T94 94-pin connector, black
- V51 Continued coolant circulation pump
- D78 Positive connection 1 (30a), in engine compartment wiring harness
- D107 Connection 5 in engine compartment wiring harness
- D180 Connection (87a), in engine compartment wiring harness
- D197 Connection 5 (87a), in engine compartment wiring harness
- * Radiator fan connection
- *2 see applicable current flow diagram for radiator fan
- *3 For models with dual clutch gearbox



- 306 Earth connection (ignition coils), in engine prewiring harness
- 484 Earth connection 2 (ignition coils), in engine prewiring harness
- D189 Connection (87a) in engine prewiring harness
- D196 Connection 2 (87a) in engine prewiring harness



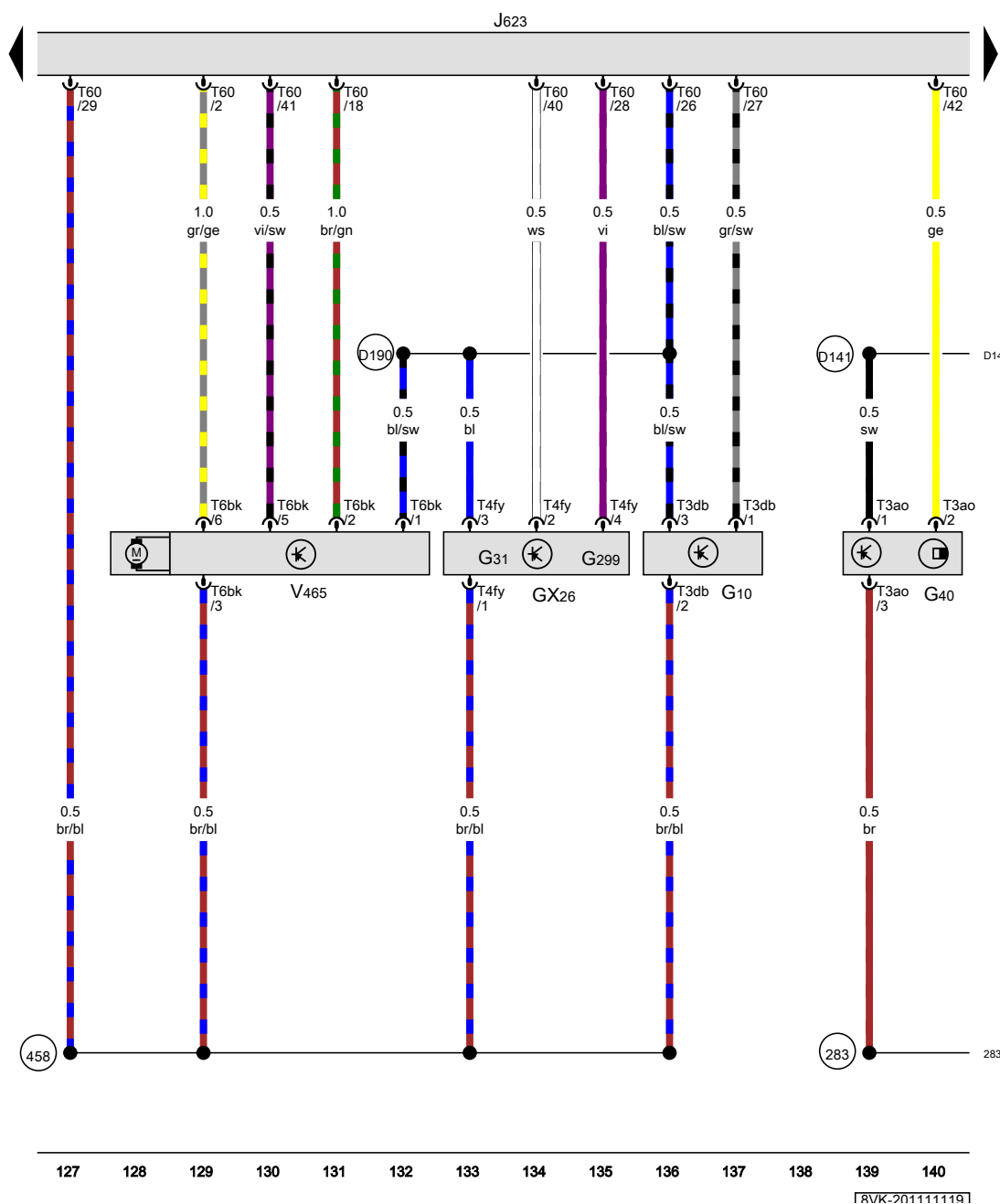
Pressure sensor for activated charcoal filter air flushing, Coolant temperature sender, Pressure sensor for activated charcoal filter system, Temperature sensor for activated charcoal filter air flushing, Engine/motor control unit, Ignition coil 3 with output stage

- GX44 Pressure sensor for activated charcoal filter air flushing
- G62 Coolant temperature sender
- G804 Pressure sensor for activated charcoal filter system
- G1084 Temperature sensor for activated charcoal filter air flushing
- J623 Engine/motor control unit
- N291 Ignition coil 3 with output stage
- P Spark plug connector
- Q Spark plugs
- T2ib 2-pin connector, black
- T4bw 4-pin connector, black
- T4gd 4-pin connector, black
- T14 14-pin connector, grey
- T60 60-pin connector, black
- T94 94-pin connector, black

- 15 Earth point, on cylinder head
- 201 Earth connection 5, in engine compartment wiring harness
- 306 Earth connection (ignition coils), in engine prewiring harness
- 484 Earth connection 2 (ignition coils), in engine prewiring harness
- D47 Connection 9, in engine prewiring harness
- D189 Connection (87a) in engine prewiring harness

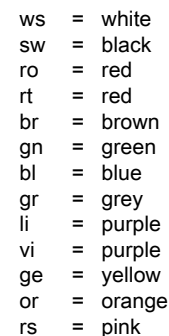
- * For emission standard Euro 6 DG
- *2 Not for emission standard Euro 6 DG

- ws = white
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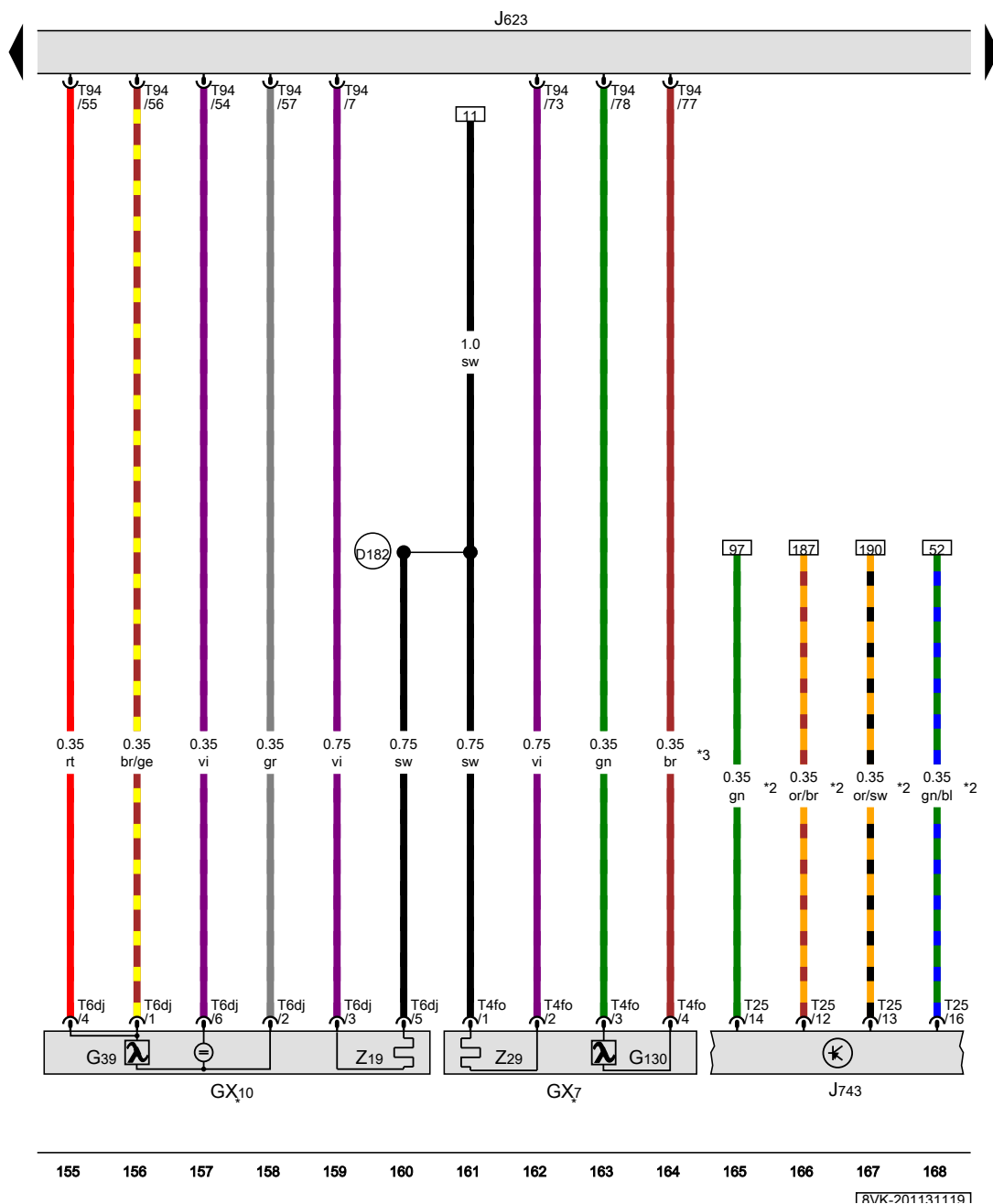


Oil pressure sender, Charge pressure sender, Hall sender, Engine/motor control unit, Charge pressure positioner

- G10 Oil pressure sender
- GX26 Charge pressure sender
- G31 Charge pressure sender
- G40 Hall sender
- G299 Intake air temperature sender 2
- J623 Engine/motor control unit
- T3ao 3-pin connector, black
- T3db 3-pin connector, black
- T4fy 4-pin connector, black
- T6bk 6-pin connector, grey
- T60 60-pin connector, black
- V465 Charge pressure positioner
- 283 Earth point 2, engine prewiring harness
- 458 Earth point 3, engine prewiring harness
- D141 Connection (5V) in engine prewiring harness
- D190 Connection 3 (5V) in engine prewiring harness



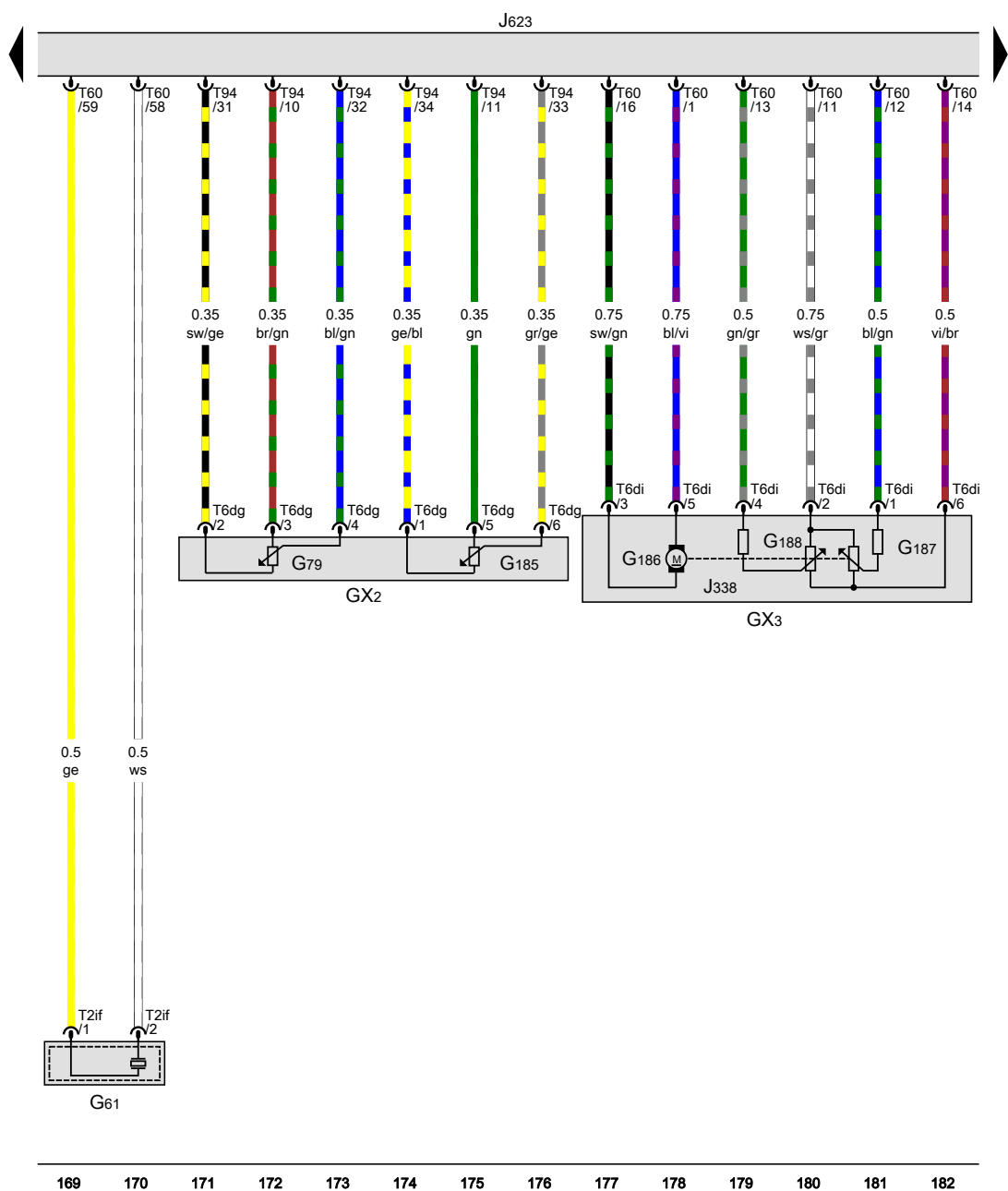
* If fitted



Lambda probe 1 after catalytic converter, Lambda probe 1 before catalytic converter, Engine/motor control unit, Mechatronic unit for dual clutch gearbox

- GX7 Lambda probe 1 after catalytic converter
- GX10 Lambda probe 1 before catalytic converter
- G39 Lambda probe
- G130 Lambda probe after catalytic converter
- J623 Engine/motor control unit
- J743 Mechatronic unit for dual clutch gearbox
- T4fo 4-pin connector, black
- T6dj 6-pin connector, black
- T25 25-pin connector, black
- T94 94-pin connector, black
- Z19 Lambda probe heater
- Z29 Lambda probe 1 heater after catalytic converter
- D182 Connection 3 (87a), in engine compartment wiring harness
- * Pre-wired component
- *2 For models with dual clutch gearbox
- *3 Different wire colour possible

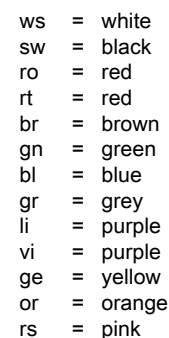
Accelerator pedal module, Throttle valve module, Knock sensor 1, Accelerator position sender, Accelerator position sender 2, Engine/motor control unit



- GX2 Accelerator pedal module
- GX3 Throttle valve module
- G61 Knock sensor 1
- G79 Accelerator position sender
- G185 Accelerator position sender 2
- G186 Throttle valve drive for electric throttle
- G187 Throttle valve drive angle sender 1 for electric throttle
- G188 Throttle valve drive angle sender 2 for electric throttle
- J338 Throttle valve module
- J623 Engine/motor control unit
- T2if 2-pin connector, black
- T6dg 6-pin connector, black
- T6di 6-pin connector, black
- T60 60-pin connector, black
- T94 94-pin connector, black

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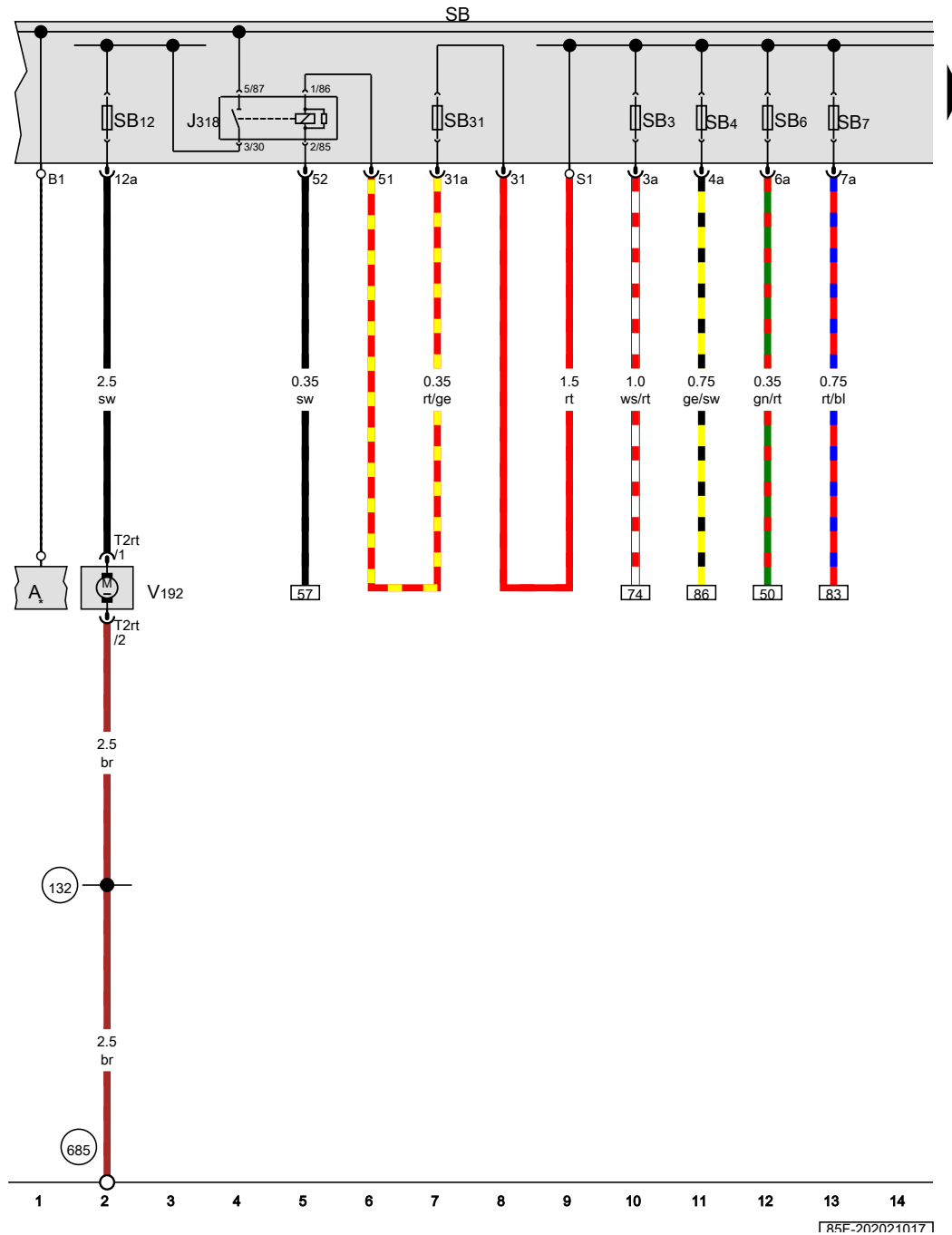
18VK-2011411191



G83	Radiator outlet coolant temperature sender
J285	Control unit in dash panel insert
J533	Data bus diagnostic interface
J623	Engine/motor control unit
T2ic	2-pin connector, black
T17a	17-pin connector, on lower section of left A-pillar, black
T20a	20-pin connector, red
T94	94-pin connector, black
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B398	Connection 2 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
B407	Connection 2 (convenience CAN bus, low), in main wiring harness
E123	Connection 1 (powertrain CAN bus, high), in engine wiring harness
E124	Connection 1 (powertrain CAN bus, low), in engine wiring harness
*	For models with dual clutch gearbox
*2	For left-hand drive models
*3	see applicable current flow diagram for dash panel insert
*4	For right-hand drive models

1.4l petrol engine , DJSA

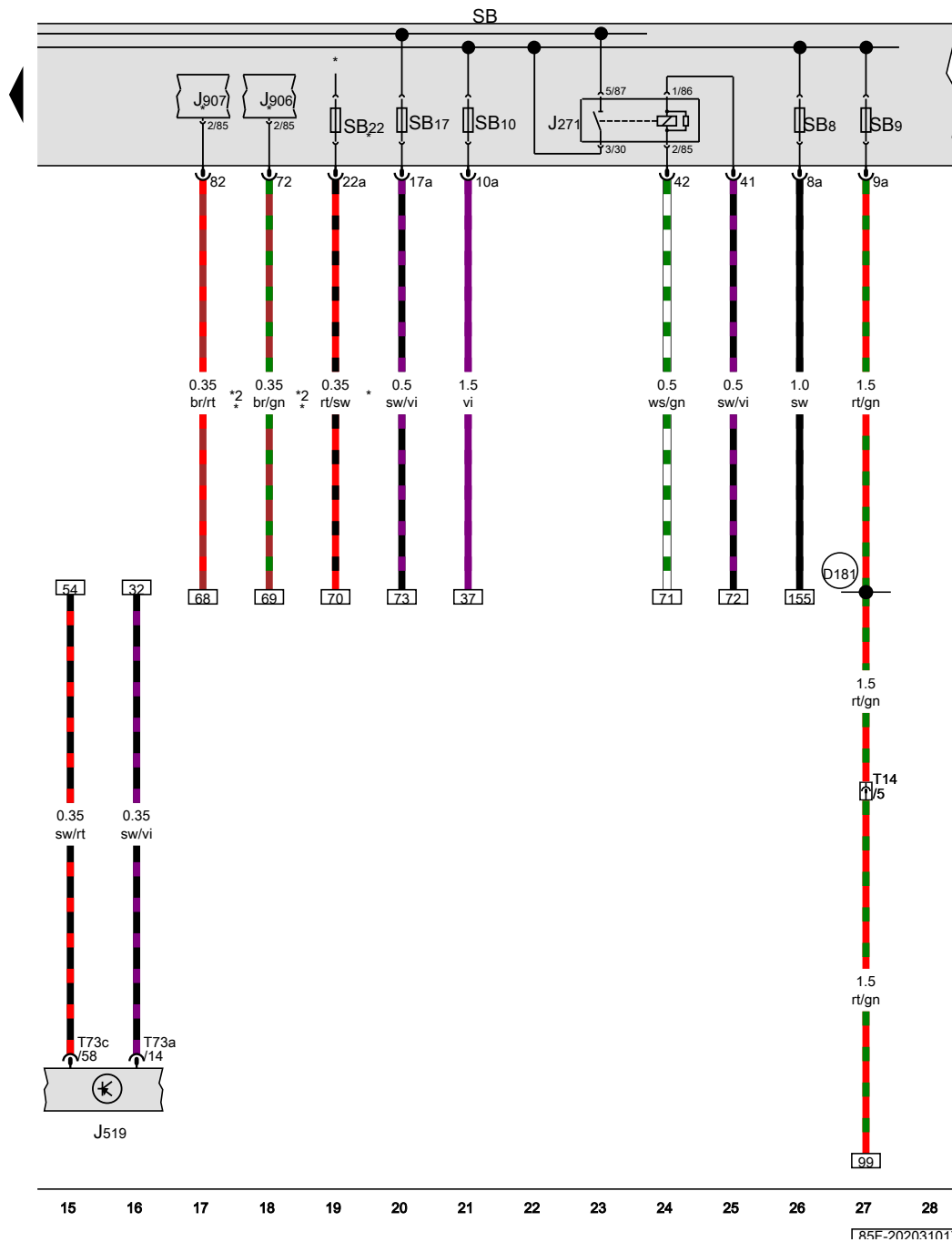
From March 2018



Vacuum pump relay, Fuse holder B, Vacuum pump for brakes

- A Battery
- J318 Vacuum pump relay
- SB Fuse holder B
- SB3 Fuse 3 on fuse holder B
- SB4 Fuse 4 on fuse holder B
- SB6 Fuse 6 on fuse holder B
- SB7 Fuse 7 on fuse holder B
- SB12 Fuse 12 on fuse holder B
- SB31 Fuse 31 on fuse holder B
- T2rt 2-pin connector, black
- V192 Vacuum pump for brakes
- 132 Earth connection 3, in engine compartment wiring harness
- 685 Earth point 1, on front of right longitudinal member
- * see applicable current flow diagram for battery in engine compartment

ws = white
 sw = black
 ro = red
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Main relay, Onboard supply control unit, Fuse holder B

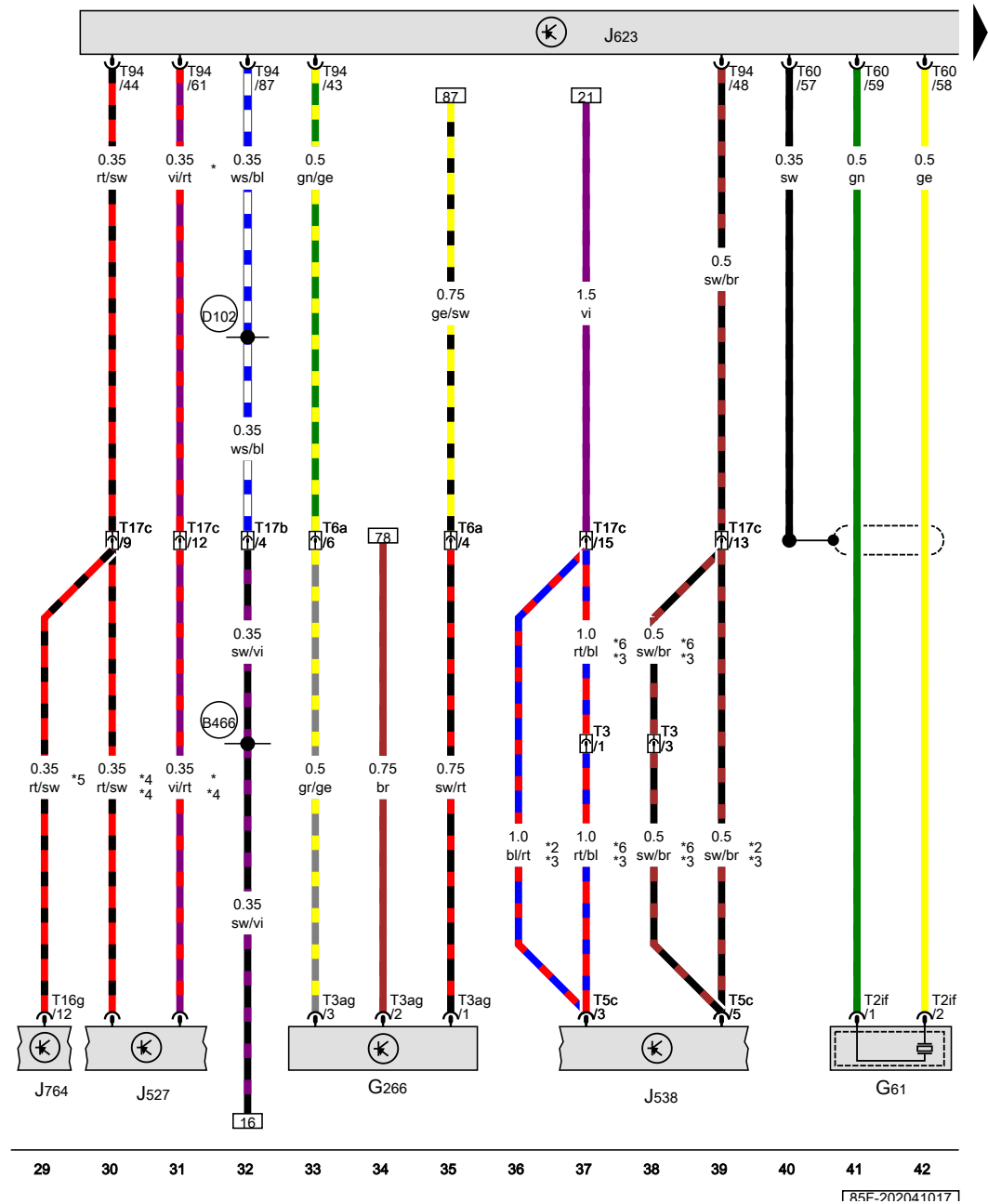
- J271 Main relay
- J519 Onboard supply control unit
- J906 Starter relay 1
- J907 Starter relay 2
- SB Fuse holder B
- SB8 Fuse 8 on fuse holder B
- SB9 Fuse 9 on fuse holder B
- SB10 Fuse 10 on fuse holder B
- SB17 Fuse 17 on fuse holder B
- SB22 Fuse 22 on fuse holder B
- T14 14-pin connector, near front left longitudinal member, grey
- T73a 73-pin connector, black
- T73c 73-pin connector, black

D181 Connection 2 (87a), in engine compartment wiring harness

- * see applicable current flow diagram for battery in engine compartment
- *2 For models with start/stop system

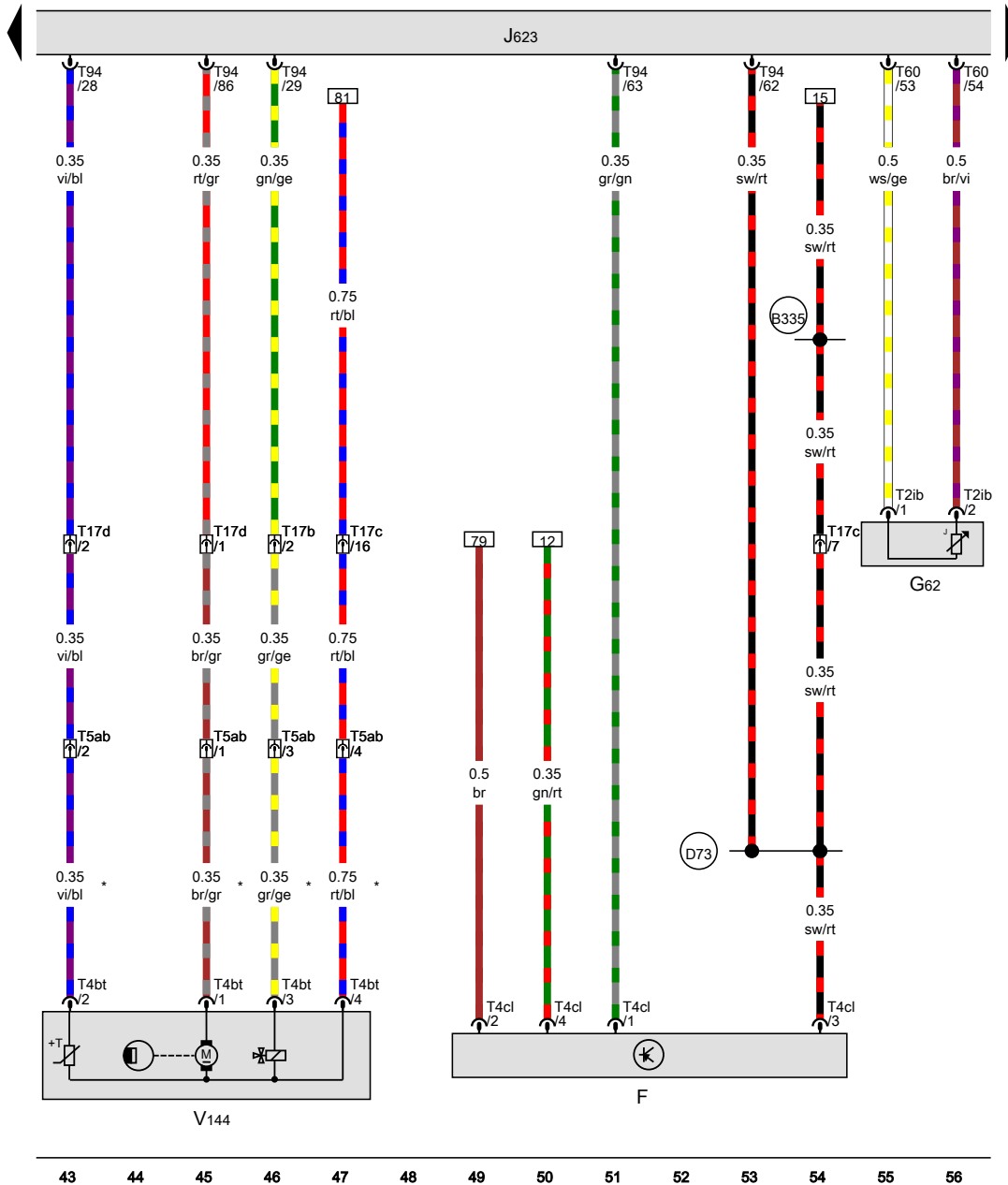
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Knock sensor 1, Oil level and oil temperature sender, Steering column electronics control unit, Fuel pump control unit, Engine/motor control unit, Control unit for electronic steering column lock



- G61 Knock sensor 1
- G266 Oil level and oil temperature sender
- J527 Steering column electronics control unit
- J538 Fuel pump control unit
- J623 Engine/motor control unit
- J764 Control unit for electronic steering column lock
- T2if 2-pin connector, black
- T3 3-pin connector
- T3ag 3-pin connector, black
- T5c 5-pin connector, black
- T6a 6-pin connector, black
- T16g 16-pin connector, black
- T17b 17-pin connector, on lower section of left A-pillar, brown
- T17c 17-pin connector, on lower section of left A-pillar, red
- T60 60-pin connector, black
- T94 94-pin connector, black
- B466 Connection 2, in main wiring harness
- D102 Connection 2 in engine compartment wiring harness
- * For models with cruise control system (CCS)
- *2 For models with no auxiliary heater
- *3 see applicable current flow diagram for fuel system
- *4 see applicable current flow diagram for steering column electronics
- *5 For models with entry and start authorisation
- *6 For models with auxiliary heating

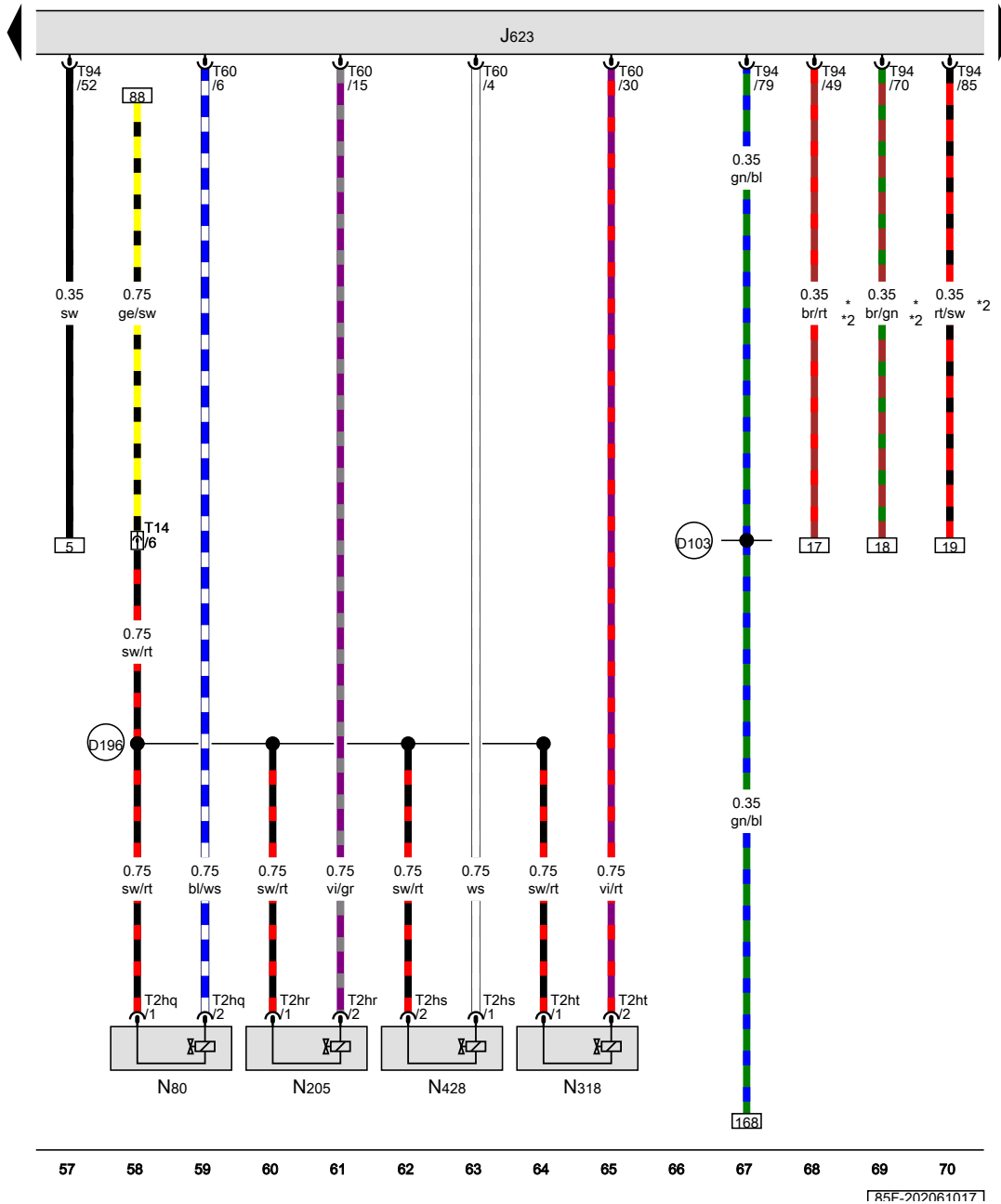
ws = white
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Brake light switch, Coolant temperature sender, Engine/
motor control unit, Fuel system diagnostic pump

- F Brake light switch
- G62 Coolant temperature sender
- J623 Engine/motor control unit
- T2ib 2-pin connector
- T4bt 4-pin connector, black
- T4cl 4-pin connector, black
- T5ab 5-pin connector, black
- T17b 17-pin connector, on lower section of left A-pillar, brown
- T17c 17-pin connector, on lower section of left A-pillar, red
- T17d 17-pin connector, on lower section of left A-pillar, green
- T60 60-pin connector, black
- T94 94-pin connector, black
- V144 Fuel system diagnostic pump
- B335 Connection 1 (54), in main wiring harness
- D73 Positive connection (54), in engine compartment wiring harness
- * Different wire colour possible

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sw = black
ro = red
rt = red
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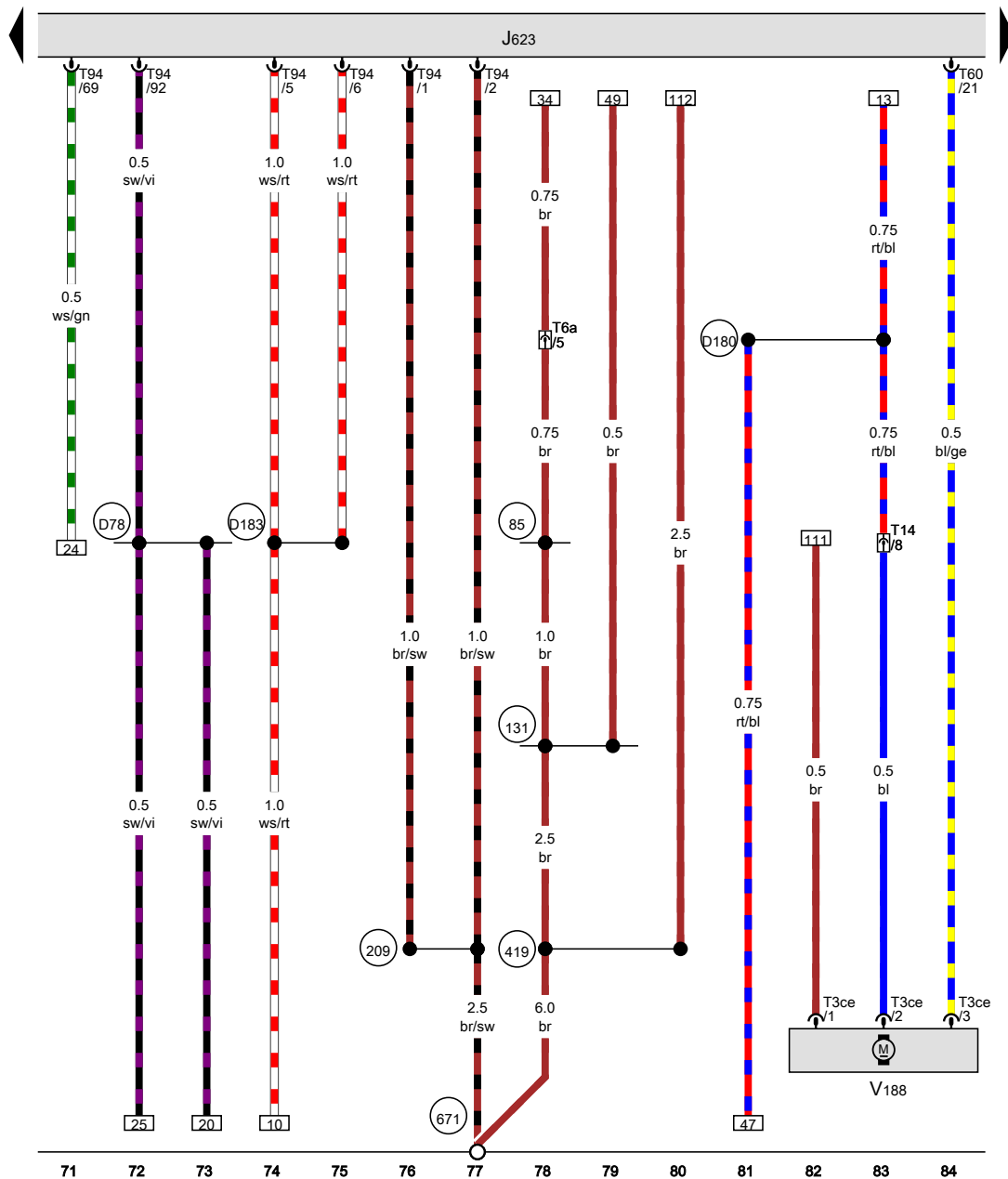
Engine/motor control unit, Activated charcoal filter solenoid valve 1, Camshaft control valve 1, Exhaust camshaft control valve 1, Valve for oil pressure control

- J623 Engine/motor control unit
- N80 Activated charcoal filter solenoid valve 1
- N205 Camshaft control valve 1
- N318 Exhaust camshaft control valve 1
- N428 Valve for oil pressure control
- T2hq 2-pin connector, black
- T2hr 2-pin connector, black
- T2hs 2-pin connector, black
- T2ht 2-pin connector, black
- T14 14-pin connector, near front left longitudinal member, grey
- T60 60-pin connector, black
- T94 94-pin connector, black

D103 Connection 3 in engine compartment wiring harness

D196 Connection 2 (87a) in engine prewiring harness

- * For models with start/stop system
- *2 see applicable current flow diagram for battery in engine compartment

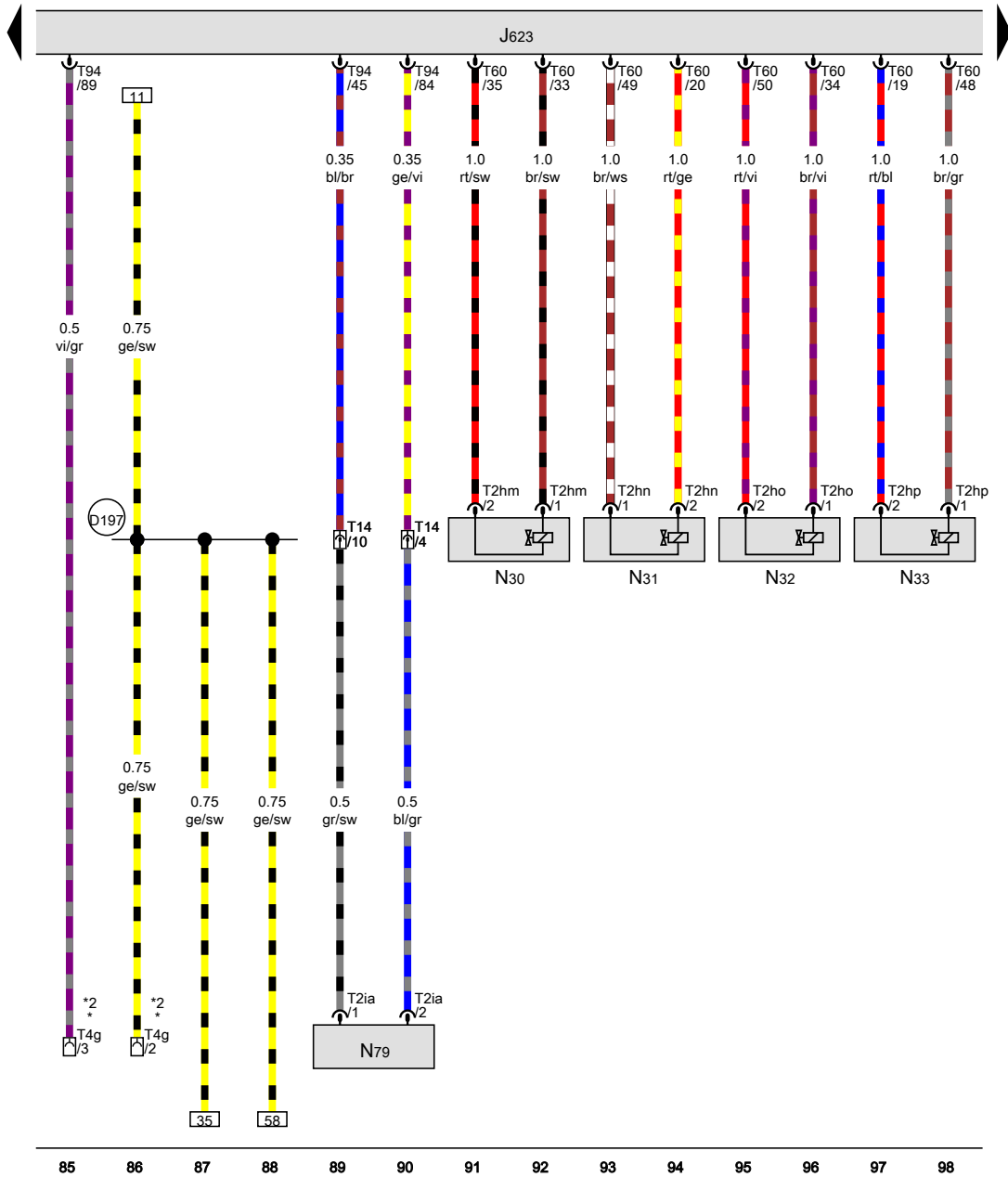


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 br = brown
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 bl = blue
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 vi = purple
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Engine/motor control unit, Charge air cooling pump

J623 Engine/motor control unit
 T3ce 3-pin connector, black
 T6a 6-pin connector, black
 T14 14-pin connector, near front left longitudinal member, grey
 T60 60-pin connector, black
 T94 94-pin connector, black
 V188 Charge air cooling pump

- 85 Earth connection 1, in engine compartment wiring harness
- 131 Earth connection 2, in engine compartment wiring harness
- 209 Earth connection 6, in engine compartment wiring harness
- 419 Earth connection 11, in engine compartment wiring harness
- 671 Earth point 1, on front of left longitudinal member
- D78 Positive connection 1 (30a), in engine compartment wiring harness
- D180 Connection (87a), in engine compartment wiring harness
- D183 Connection 4 (87a), in engine compartment wiring harness



Engine/motor control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

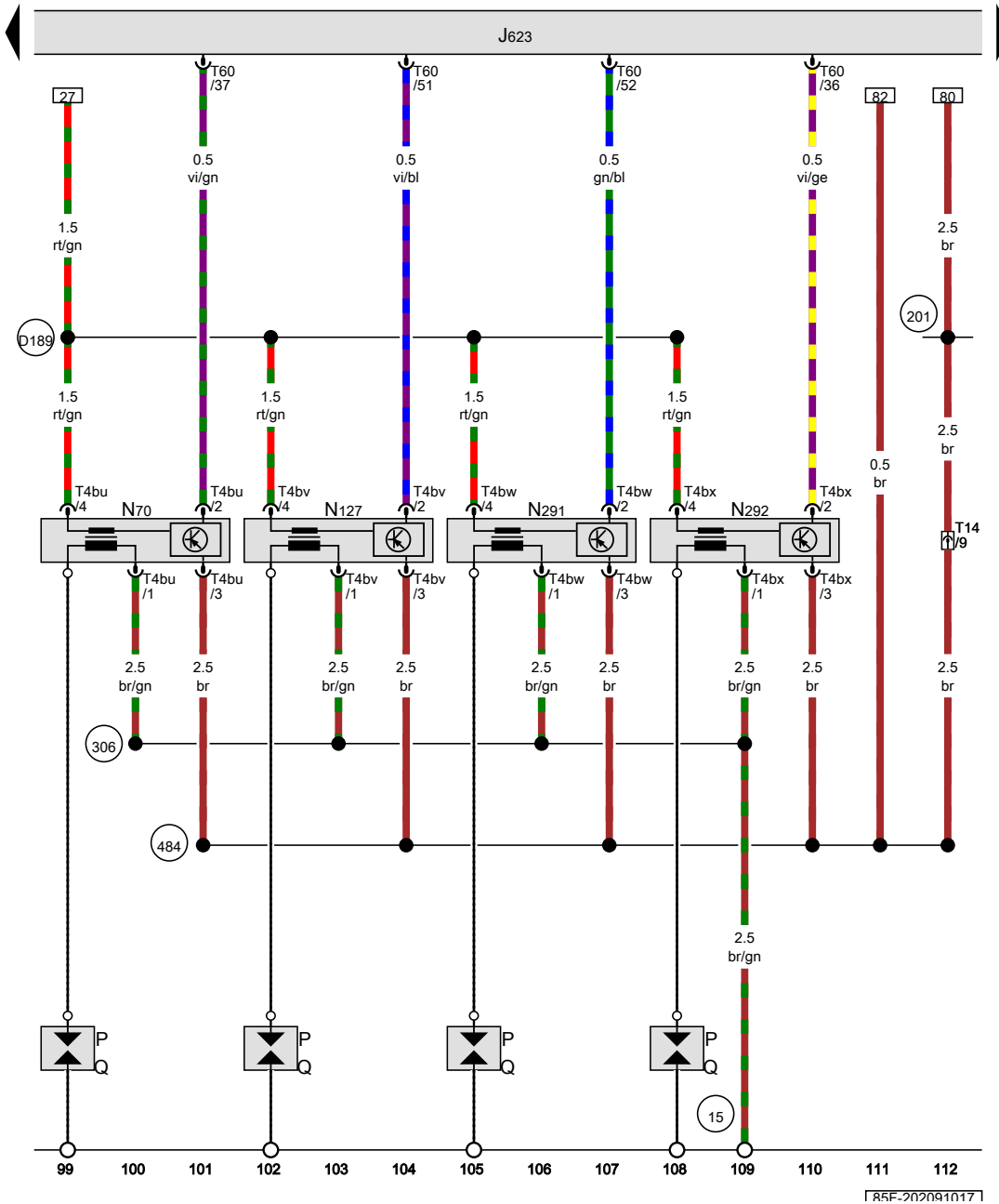
- J623 Engine/motor control unit
- N30 Injector, cylinder 1
- N31 Injector, cylinder 2
- N32 Injector, cylinder 3
- N33 Injector, cylinder 4
- N79 Heater element for crankcase breather
- T2hm 2-pin connector, black
- T2hn 2-pin connector, black
- T2ho 2-pin connector, black
- T2hp 2-pin connector, black
- T2ia 2-pin connector
- T4g 4-pin connector, black
- T14 14-pin connector, near front left longitudinal member, grey
- T60 60-pin connector, black
- T94 94-pin connector, black

D197 Connection 5 (87a), in engine compartment wiring harness

- * Radiator fan connection
- *2 see applicable current flow diagram for radiator fan

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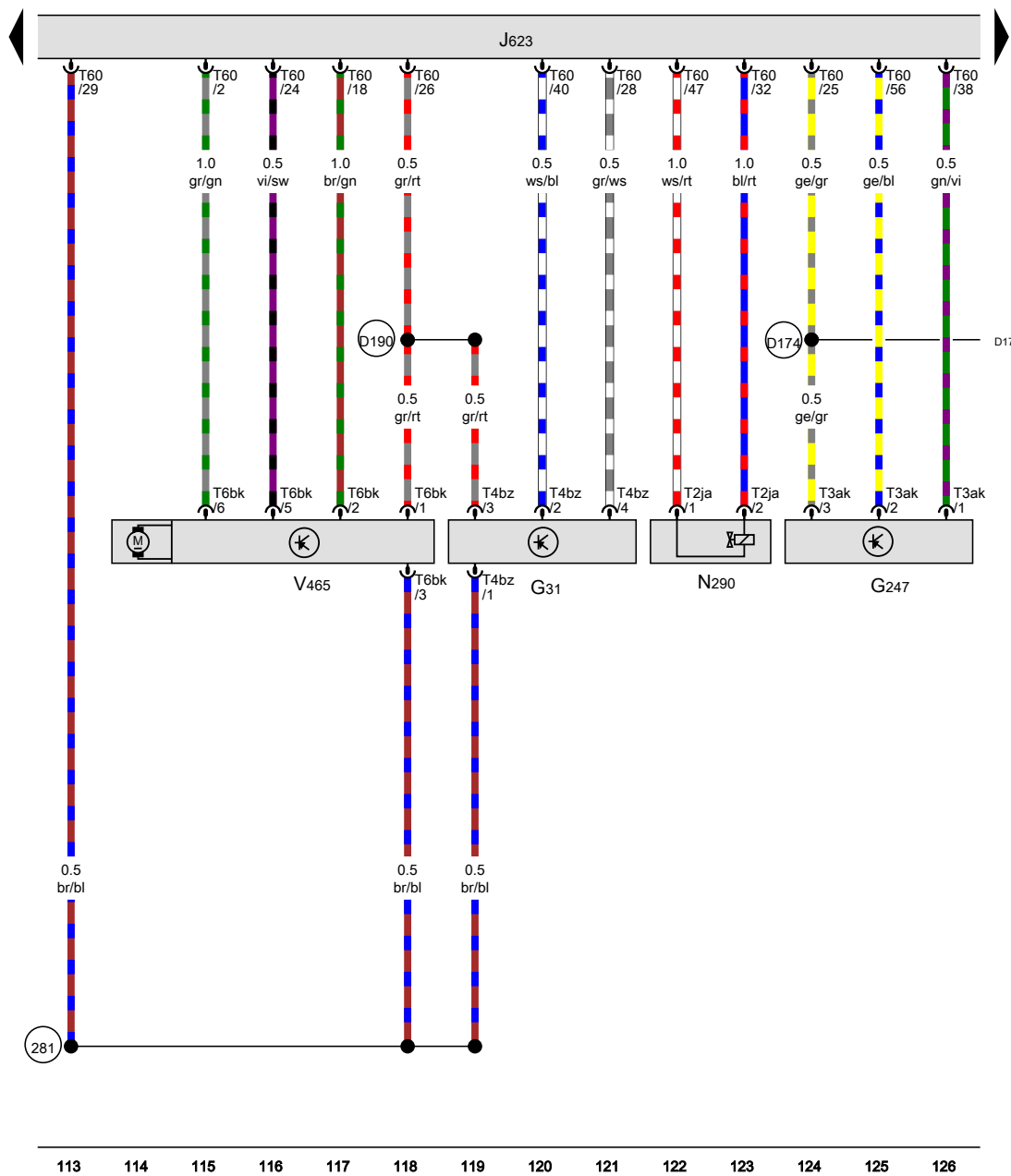


Engine/motor control unit, Ignition coil 1 with output stage, Ignition coil 2 with output stage, Ignition coil 3 with output stage, Ignition coil 4 with output stage

- J623 Engine/motor control unit
- N70 Ignition coil 1 with output stage
- N127 Ignition coil 2 with output stage
- N291 Ignition coil 3 with output stage
- N292 Ignition coil 4 with output stage
- P Spark plug connector
- Q Spark plugs
- T4bu 4-pin connector, black
- T4bv 4-pin connector, black
- T4bw 4-pin connector, black
- T4bx 4-pin connector, black
- T14 14-pin connector, near front left longitudinal member, grey
- T60 60-pin connector, black
- 15 Earth point, on cylinder head
- 201 Earth connection 5, in engine compartment wiring harness
- 306 Earth connection (ignition coils), in engine prewiring harness
- 484 Earth connection 2 (ignition coils), in engine prewiring harness
- D189 Connection (87a) in engine prewiring harness

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

85F-202091017

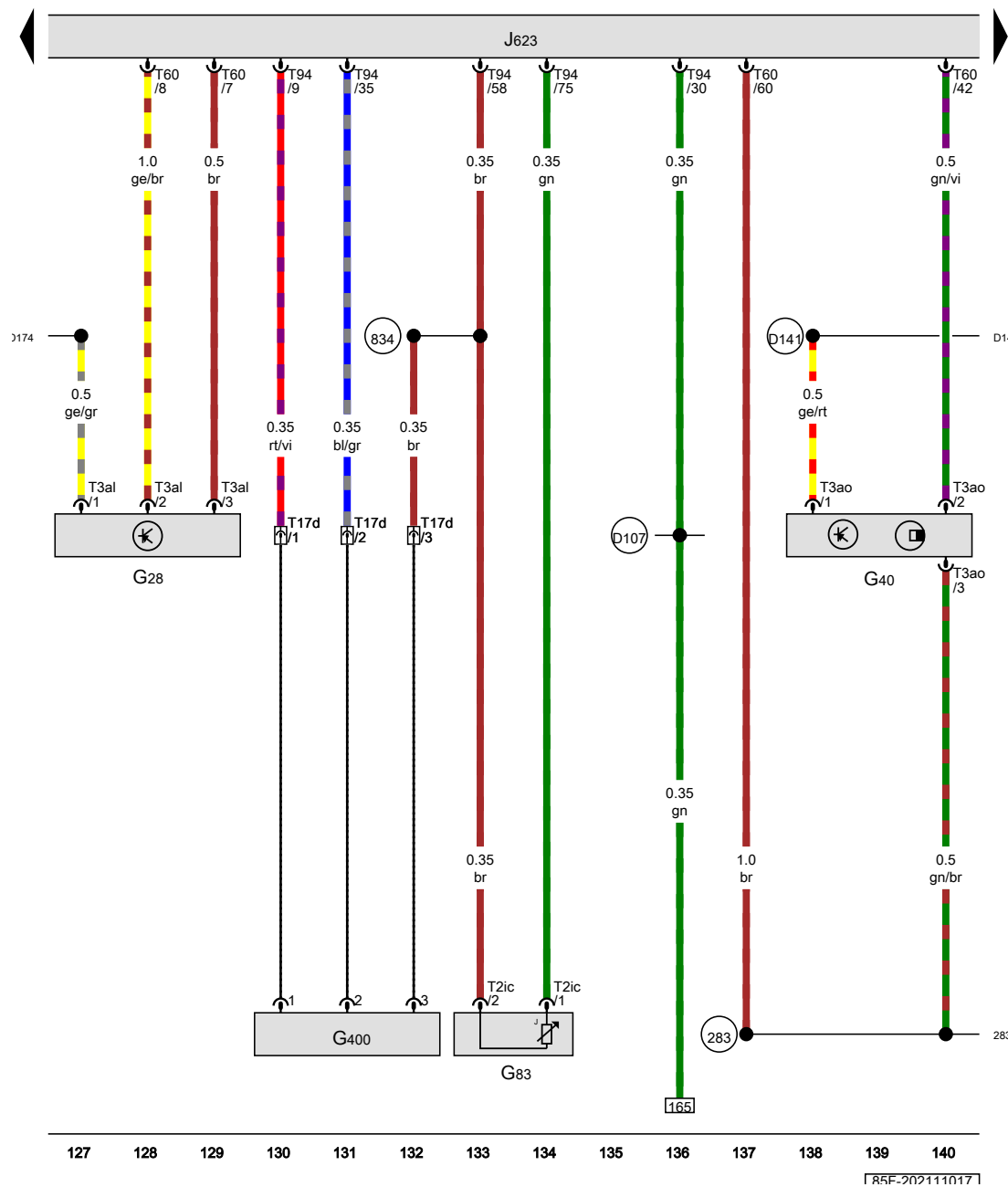


ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

Charge pressure sender, Fuel pressure sender, Engine/motor control unit, Fuel metering valve, Charge pressure positioner

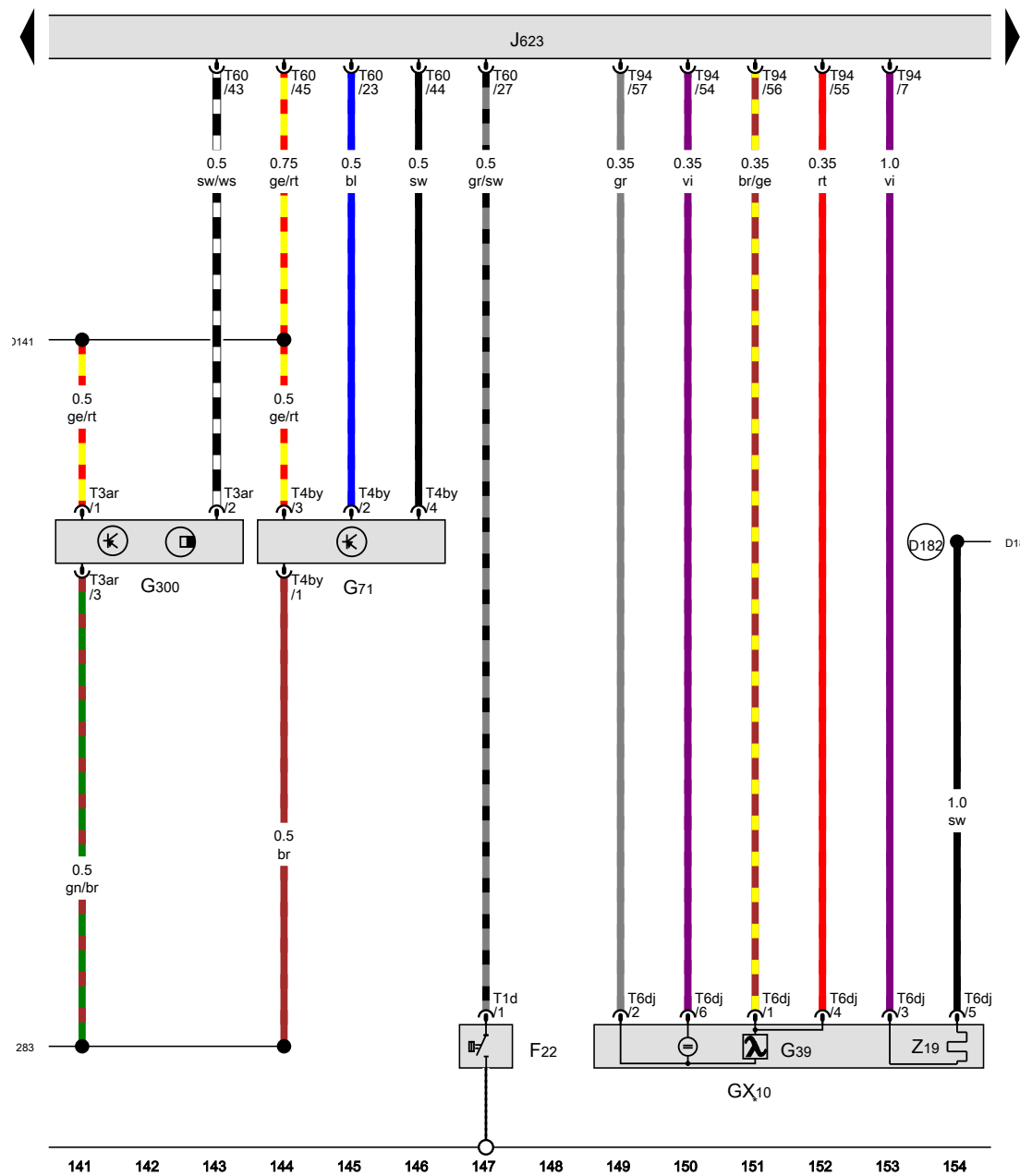
- G31 Charge pressure sender
- G247 Fuel pressure sender
- J623 Engine/motor control unit
- N290 Fuel metering valve
- T2ja 2-pin connector, black
- T3ak 3-pin connector, black
- T4bz 4-pin connector
- T6bk 6-pin connector, grey
- T60 60-pin connector, black
- V465 Charge pressure positioner

- D190 Earth point 1, engine prewiring harness
- D174 Connection 2 (5V) in engine prewiring harness
- D190 Connection 3 (5V) in engine prewiring harness



Engine speed sender, Hall sender, Radiator outlet coolant temperature sender, Engine/motor control unit

- G28 Engine speed sender
- G40 Hall sender
- G83 Radiator outlet coolant temperature sender
- G400 Tank pressure sensor
- J623 Engine/motor control unit
- T2ic 2-pin connector, black
- T3al 3-pin connector, black
- T3ao 3-pin connector, black
- T17d 17-pin connector, on lower section of left A-pillar, green
- T60 60-pin connector, black
- T94 94-pin connector, black
- 283 Earth point 2, engine prewiring harness
- 834 Earth connection 16, in engine compartment wiring harness
- D107 Connection 5 in engine compartment wiring harness
- D141 Connection (5V) in engine prewiring harness
- D174 Connection 2 (5V) in engine prewiring harness

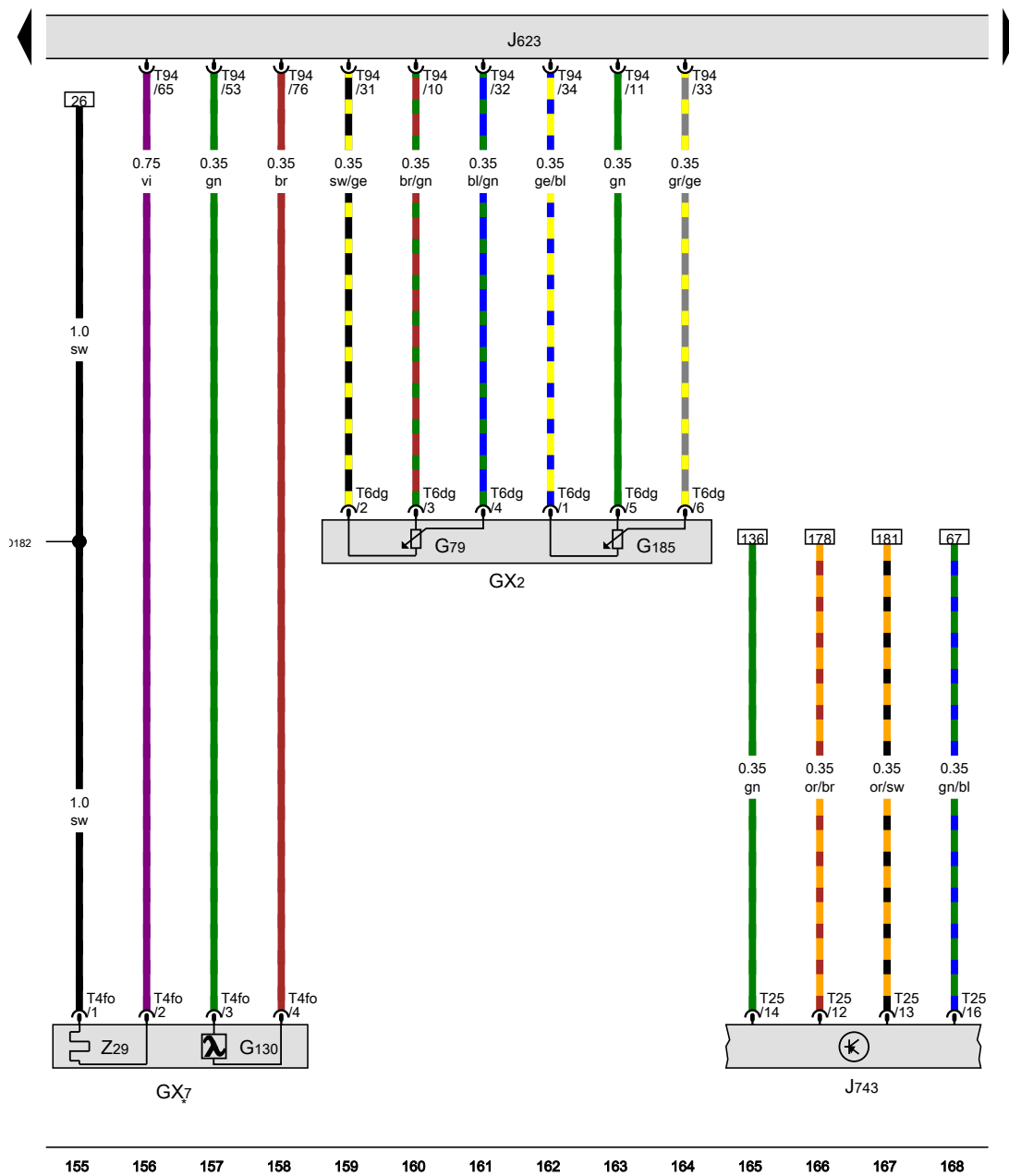


Oil pressure switch, Lambda probe 1 before catalytic converter, Lambda probe, Intake manifold pressure sender, Hall sender 3, Engine/motor control unit

- F22 Oil pressure switch
- GX10 Lambda probe 1 before catalytic converter
- G39 Lambda probe
- G71 Intake manifold pressure sender
- G300 Hall sender 3
- J623 Engine/motor control unit
- T1d 1-pin connector, black
- T3ar 3-pin connector, black
- T4by 4-pin connector
- T6dj 6-pin connector, black
- T60 60-pin connector, black
- T94 94-pin connector, black
- Z19 Lambda probe heater
- 283 Earth point 2, engine prewiring harness
- D141 Connection (5V) in engine prewiring harness
- D182 Connection 3 (87a), in engine compartment wiring harness
- * Pre-wired component

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

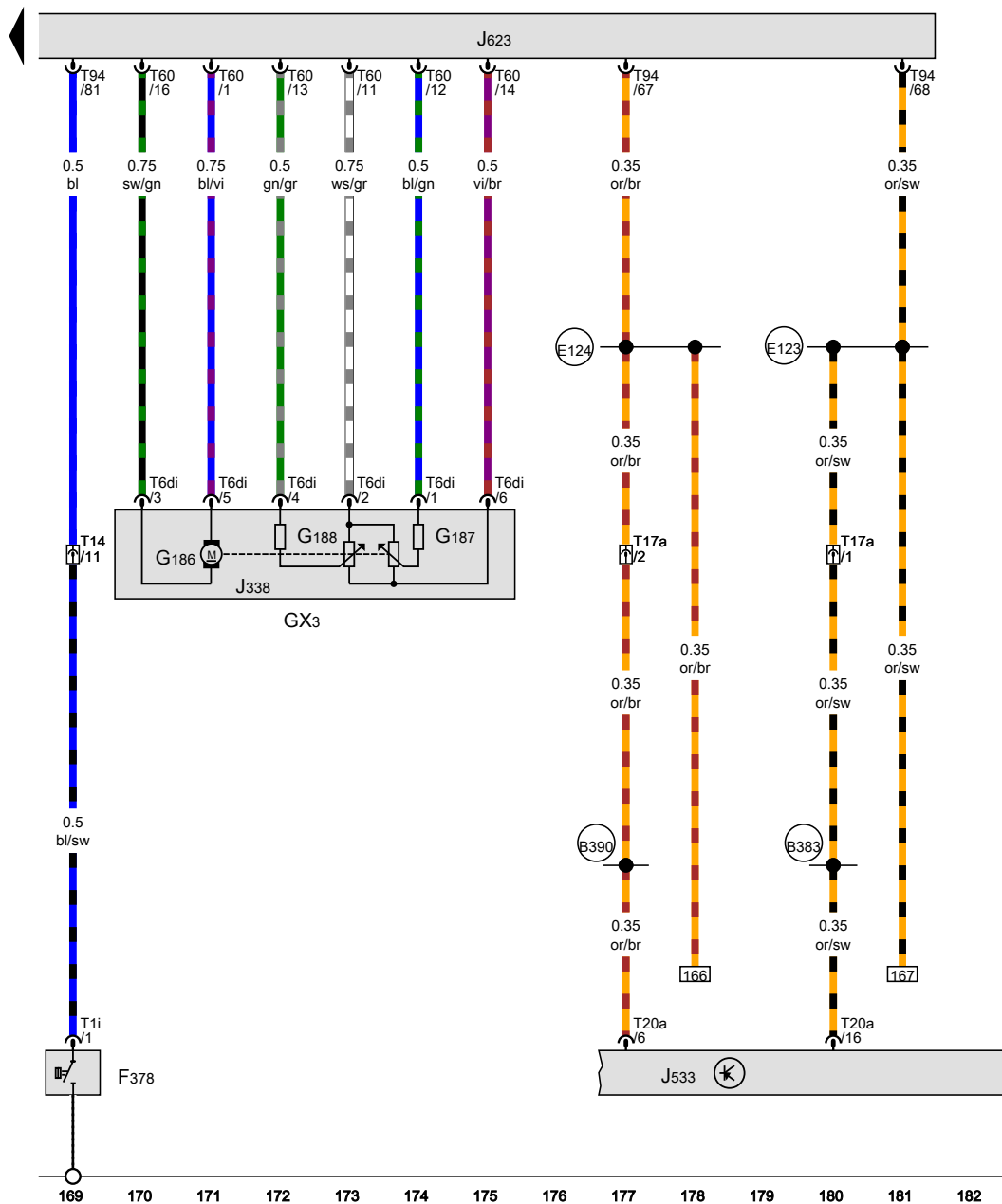
[85F-202121017]



Accelerator pedal module, Lambda probe 1 after catalytic converter, Accelerator position sender, Lambda probe after catalytic converter, Accelerator position sender 2, Engine/motor control unit, Mechatronic unit for dual clutch gearbox, Lambda probe 1 heater after catalytic converter

- GX2 Accelerator pedal module
- GX7 Lambda probe 1 after catalytic converter
- G79 Accelerator position sender
- G130 Lambda probe after catalytic converter
- G185 Accelerator position sender 2
- J623 Engine/motor control unit
- J743 Mechatronic unit for dual clutch gearbox
- T4fo 4-pin connector, black
- T6dg 6-pin connector, black
- T25 25-pin connector, black
- T94 94-pin connector, black
- Z29 Lambda probe 1 heater after catalytic converter
- D182 Connection 3 (87a), in engine compartment wiring harness
- * Pre-wired component

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

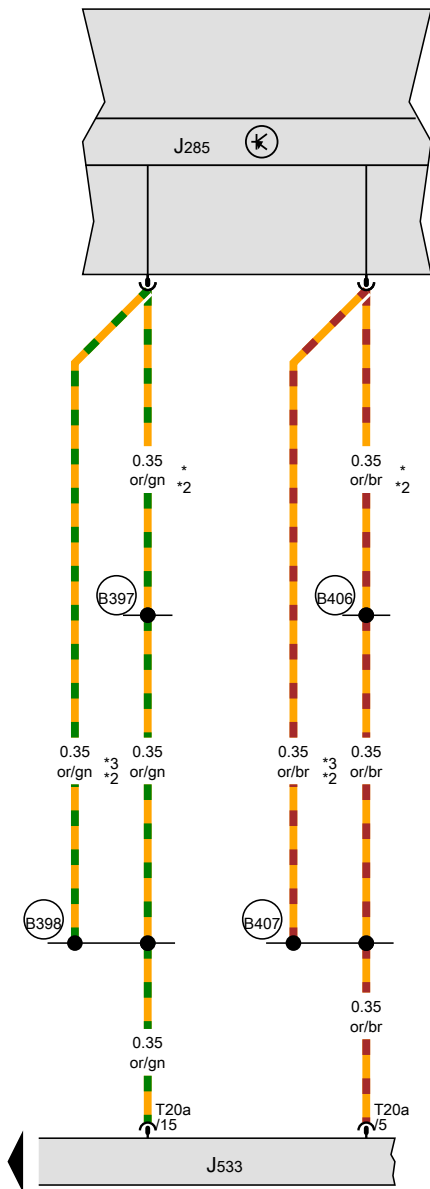


Oil pressure switch for reduced oil pressure, Throttle valve module, Throttle valve module, Data bus diagnostic interface, Engine/motor control unit

- F378 Oil pressure switch for reduced oil pressure
- GX3 Throttle valve module
- G186 Throttle valve drive for electric throttle
- G187 Throttle valve drive angle sender 1 for electric throttle
- G188 Throttle valve drive angle sender 2 for electric throttle
- J338 Throttle valve module
- J533 Data bus diagnostic interface
- J623 Engine/motor control unit
- T1i 1-pin connector
- T6di 6-pin connector, black
- T14 14-pin connector, near front left longitudinal member, grey
- T17a 17-pin connector, on lower section of left A-pillar, black
- T20a 20-pin connector, red
- T60 60-pin connector, black
- T94 94-pin connector, black
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- E123 Connection 1 (powertrain CAN bus, high), in engine wiring harness
- E124 Connection 1 (powertrain CAN bus, low), in engine wiring harness

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 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

[85F-202141017]



Control unit in dash panel insert, Data bus diagnostic interface

J285 Control unit in dash panel insert

J533 Data bus diagnostic interface

T20a 20-pin connector, red

B397 Connection 1 (convenience CAN bus, high), in main wiring harness

B398 Connection 2 (convenience CAN bus, high), in main wiring harness

B406 Connection 1 (convenience CAN bus, low), in main wiring harness

B407 Connection 2 (convenience CAN bus, low), in main wiring harness

* For left-hand drive models

*2 see applicable current flow diagram for dash panel insert

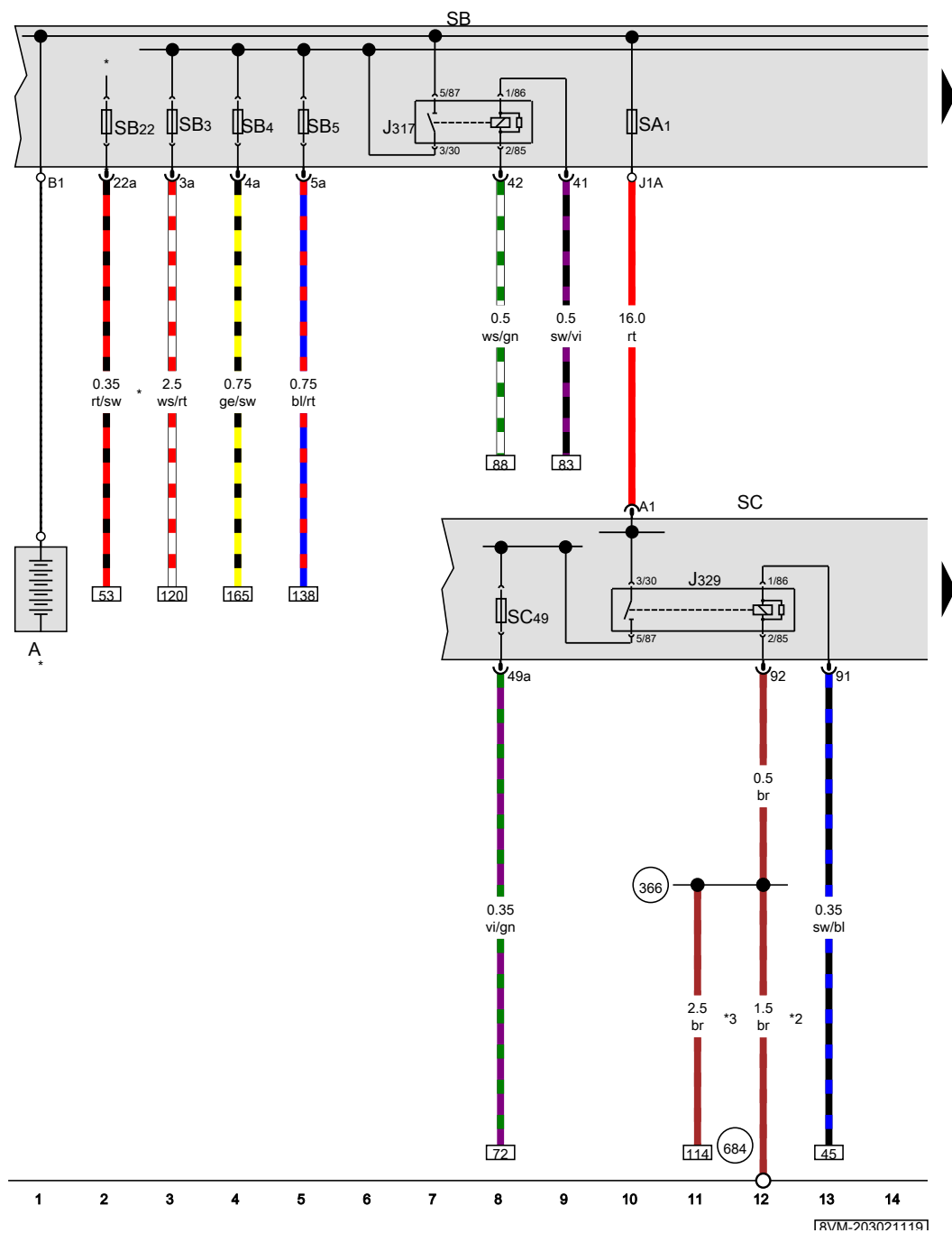
*3 For right-hand drive models

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

[85F-202151017]

2.0l diesel engine , DFGA,DJGA

From March 2018



Terminal 30 voltage supply relay, Terminal 15 voltage supply relay, Fuse holder B, Fuse holder C

- A Battery
- J317 Terminal 30 voltage supply relay
- J329 Terminal 15 voltage supply relay
- SA1 Fuse 1 on fuse holder A
- SB Fuse holder B
- SB3 Fuse 3 on fuse holder B
- SB4 Fuse 4 on fuse holder B
- SB5 Fuse 5 on fuse holder B
- SB22 Fuse 22 on fuse holder B
- SC Fuse holder C
- SC49 Fuse 49 on fuse holder C

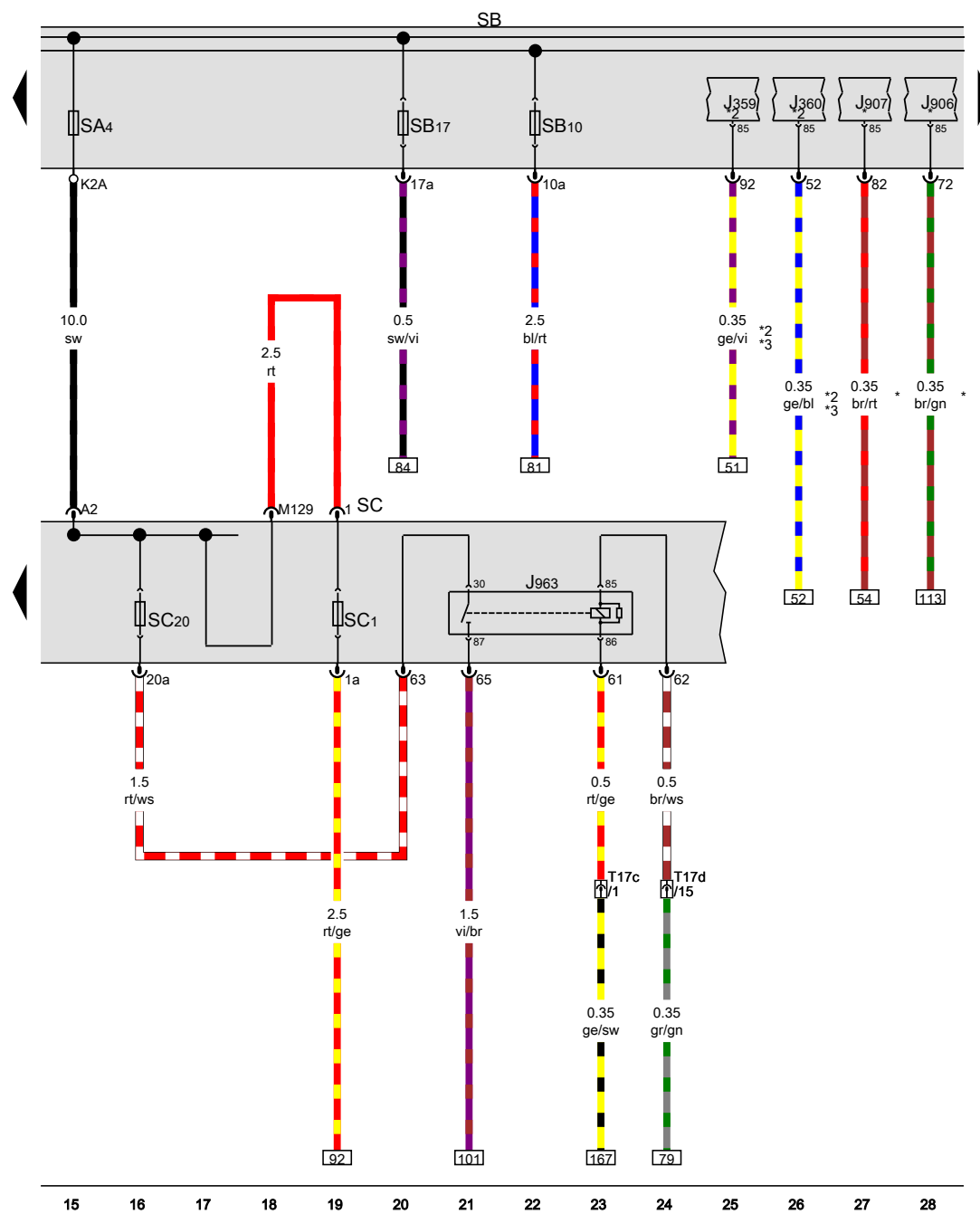
366 Earth connection 1, in main wiring harness

684 Earth point on front of left side member

* see applicable current flow diagram for battery in engine compartment

*2 For right-hand drive models

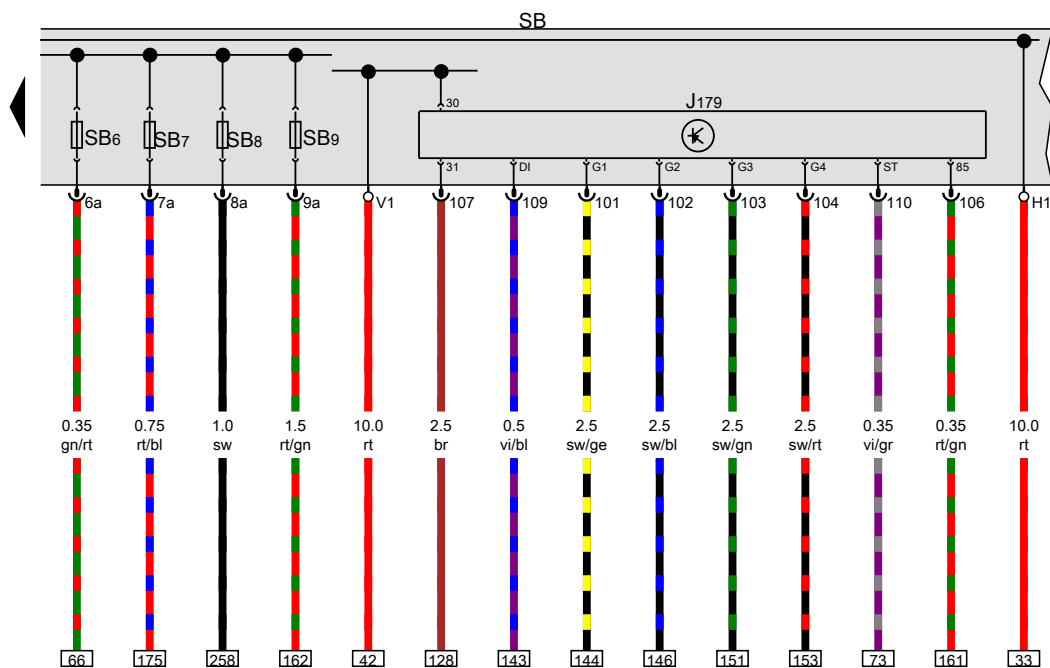
*3 For left-hand drive models



Relay for reducing agent metering system, Fuse holder B, Fuse holder C

- J359 Low heat output relay
- J360 High heat output relay
- J906 Starter relay 1
- J907 Starter relay 2
- J963 Relay for reducing agent metering system
- SA4 Fuse 4 on fuse holder A
- SB Fuse holder B
- SC1 Fuse 1 on fuse holder C
- SB10 Fuse 10 on fuse holder B
- SB17 Fuse 17 on fuse holder B
- SC Fuse holder C
- SC20 Fuse 20 on fuse holder C
- T17c 17-pin connector, on lower section of left A-pillar, red
- T17d 17-pin connector, on lower section of left A-pillar, green
- * see applicable current flow diagram for battery in engine compartment
- *2 For models with auxiliary air heater
- *3 see applicable current flow diagram

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



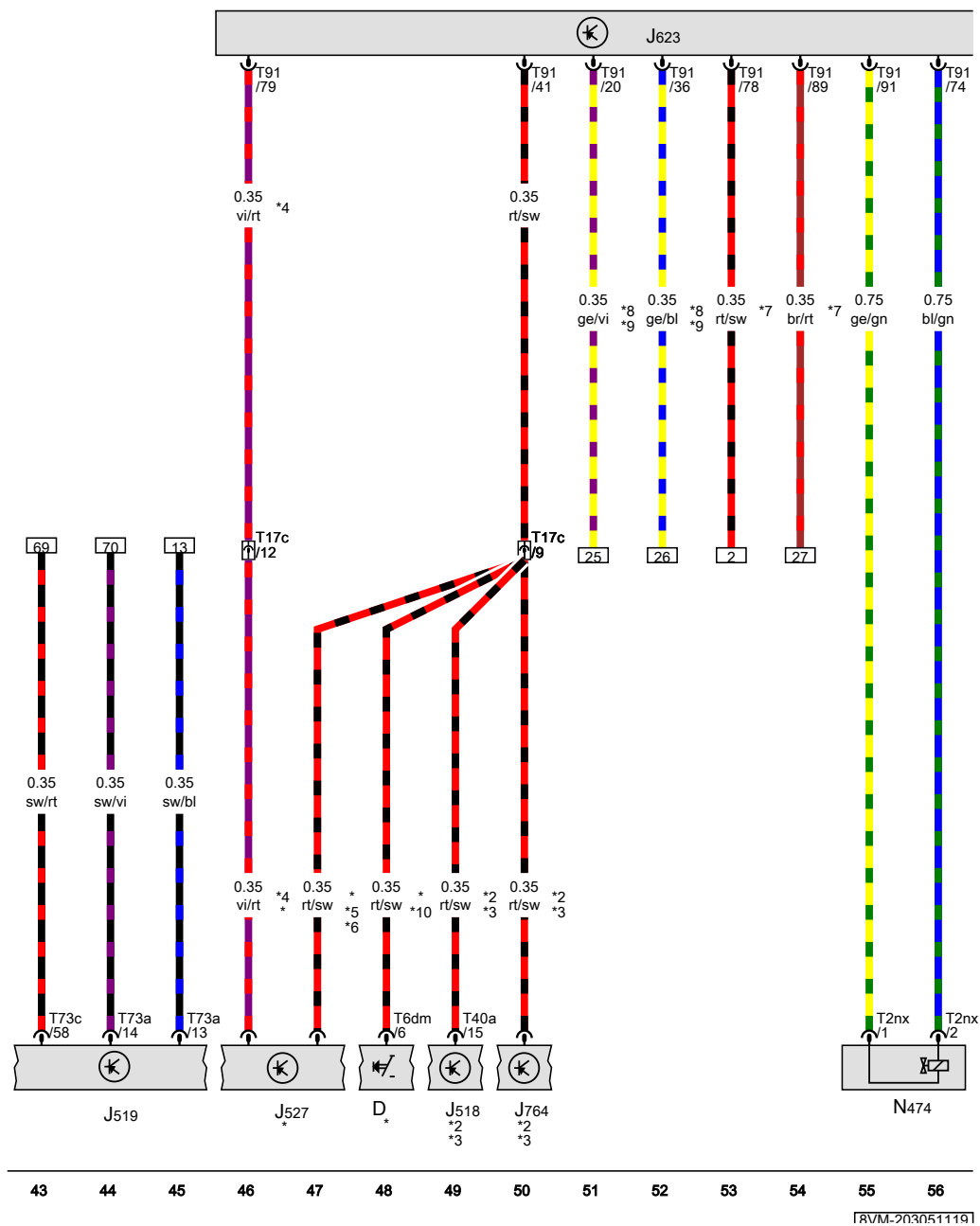
Automatic glow period control unit, Fuse holder B

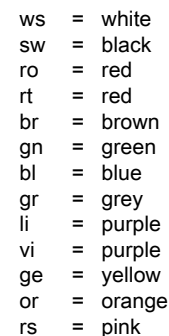
- J179 Automatic glow period control unit
- SB Fuse holder B
- SB6 Fuse 6 on fuse holder B
- SB7 Fuse 7 on fuse holder B
- SB8 Fuse 8 on fuse holder B
- SB9 Fuse 9 on fuse holder B

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 sw = black
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 rt = red
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 gn = green
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 gr = grey
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 vi = purple
 ge = yellow
 or = orange
 rs = pink

Onboard supply control unit, Steering column electronics control unit, Engine/motor control unit, Injector for reducing agent

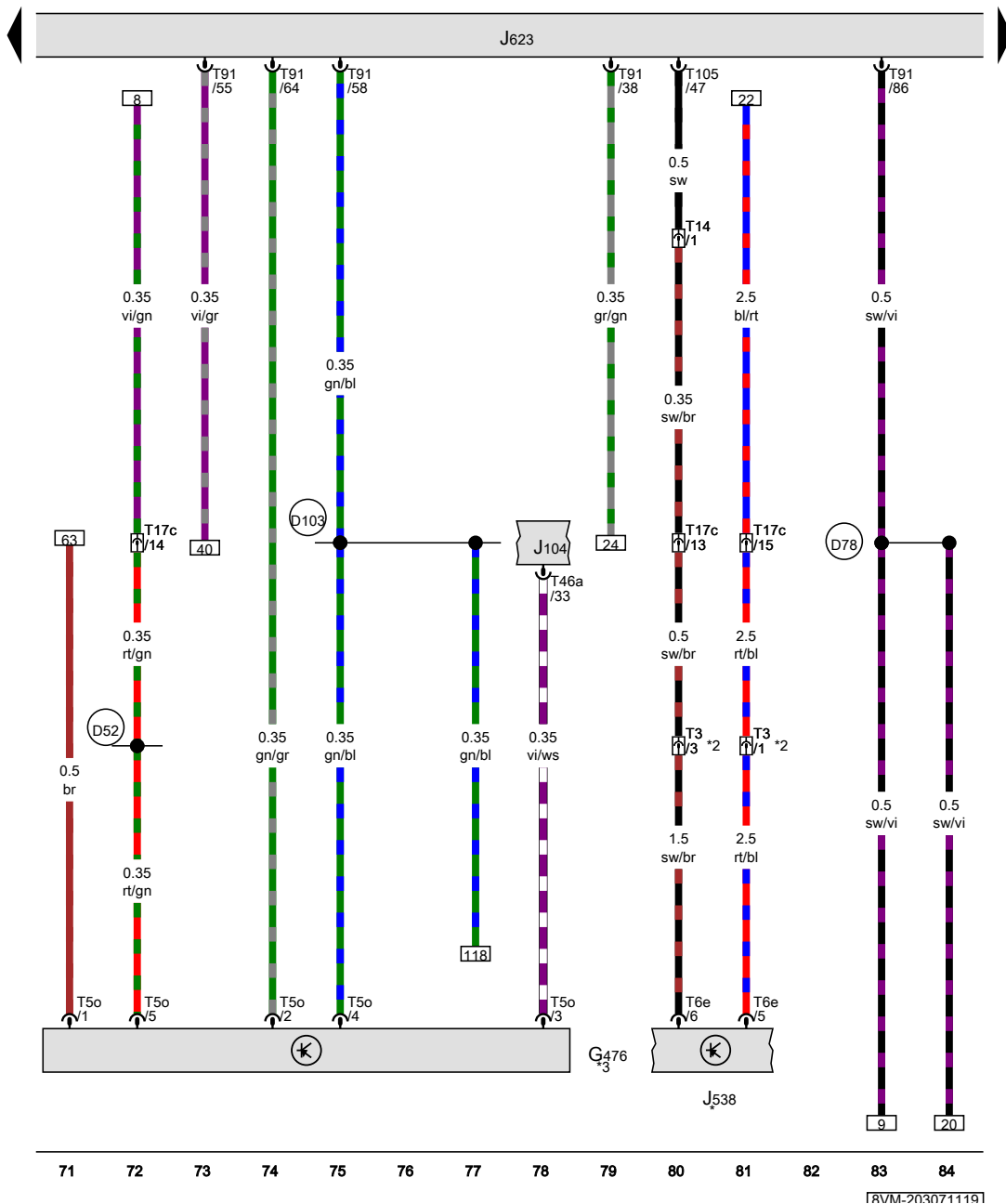
- D Ignition/starter switch
- J518 Entry and start authorisation control unit
- J519 Onboard supply control unit
- J527 Steering column electronics control unit
- J623 Engine/motor control unit
- J764 Control unit for electronic steering column lock
- N474 Injector for reducing agent
- T2nx 2-pin connector
- T6dm 6-pin connector, black
- T17c 17-pin connector, on lower section of left A-pillar, red
- T40a 40-pin connector, black
- T73a 73-pin connector, black
- T73c 73-pin connector, black
- T91 91-pin connector, black
- * see applicable current flow diagram for steering column electronics
- *2 see applicable current flow diagram for entry and start authorisation
- *3 According to equipment
- *4 For models with cruise control system (CCS)
- *5 For models with no entry and start authorisation
- *6 Up to June 2018
- *7 see applicable current flow diagram for battery in engine compartment
- *8 For models with auxiliary air heater
- *9 see applicable current flow diagram
- *10 From July 2018





F	Brake light switch
G266	Oil level and oil temperature sender
J623	Engine/motor control unit
T3ag	3-pin connector, black
T4cl	4-pin connector, black
T10b	10-pin connector, black
T17b	17-pin connector, on lower section of left A-pillar, brown
T17c	17-pin connector, on lower section of left A-pillar, red
T91	91-pin connector, black
85	Earth connection 1, in engine compartment wiring harness
131	Earth connection 2, in engine compartment wiring harness
419	Earth connection 11, in engine compartment wiring harness
B335	Connection 1 (54), in main wiring harness
B466	Connection 2, in main wiring harness
D73	Positive connection (54), in engine compartment wiring harness
D102	Connection 2 in engine compartment wiring harness
*	For right-hand drive models

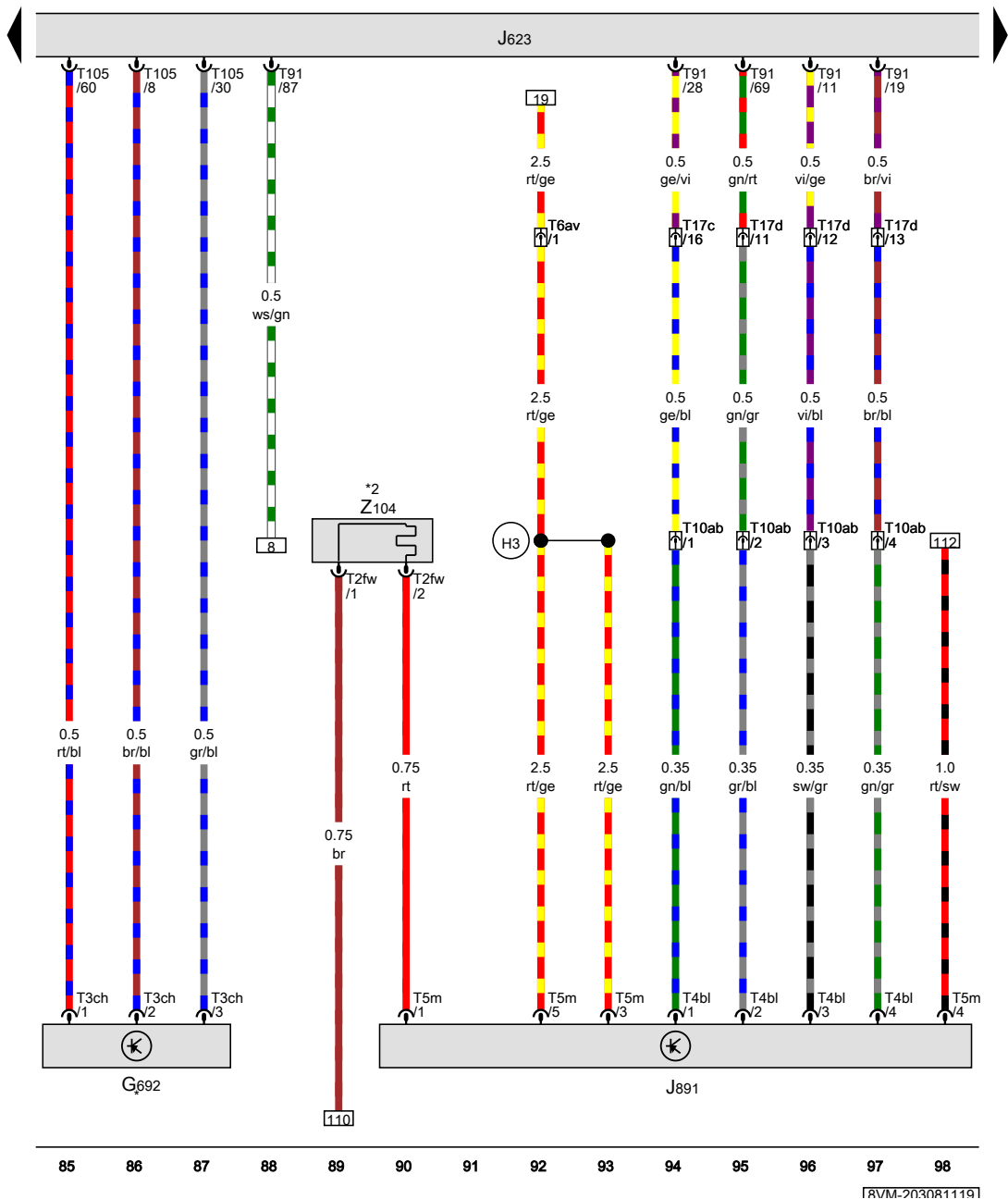
Clutch position sender, Fuel pump control unit, Engine/
motor control unit



- G476 Clutch position sender
- J104 ABS control unit
- J538 Fuel pump control unit
- J623 Engine/motor control unit
- T3 3-pin connector, black
- T50 5-pin connector, black
- T6e 6-pin connector, black
- T14 14-pin connector, grey
- T17c 17-pin connector, on lower section of left A-pillar, red
- T46a 46-pin connector, black
- T91 91-pin connector, black
- T105 105-pin connector, black
- D52 Positive connection (15a), in engine compartment wiring harness
- D78 Positive connection 1 (30a), in engine compartment wiring harness
- D103 Connection 3 in engine compartment wiring harness
- * see applicable current flow diagram for fuel system
- *2 For models with auxiliary heating
- *3 For models with manual gearbox

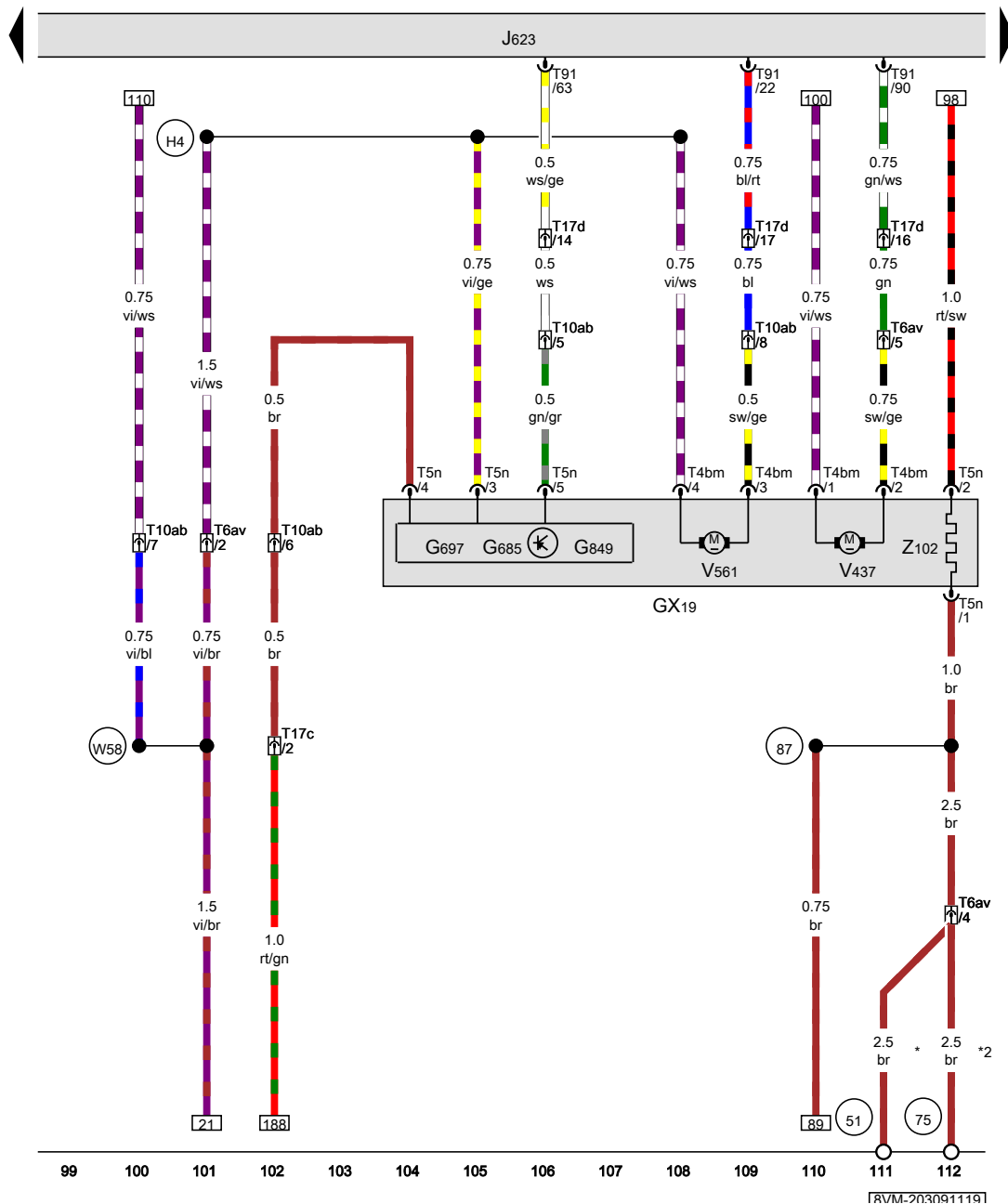
ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

Engine/motor control unit, Heater for reducing agent line (heater circuit 2)



- G692 Pressure sender 2 for exhaust gas recirculation
- J623 Engine/motor control unit
- J891 Control unit for reducing agent heater
- T2fw 2-pin connector, black
- T3ch 3-pin connector, black
- T4bl 4-pin connector, black
- T5m 5-pin connector, colourless
- T6av 6-pin connector, black
- T10ab 10-pin connector, black
- T17c 17-pin connector, on lower section of left A-pillar, red
- T17d 17-pin connector, on lower section of left A-pillar, green
- T91 91-pin connector, black
- T105 105-pin connector, black
- Z104 Heater for reducing agent line (heater circuit 2)
- H3 Connection 1 in wiring harness for reducing agent tank
- * If fitted
- *2 Heater for reducing agent line can comprise multiple sections

Delivery unit for reducing agent metering system, Reducing agent level sender, Engine/motor control unit, Pump for reducing agent



- GX19 Delivery unit for reducing agent metering system
- G685 Temperature sender for reducing agent
- G697 Reducing agent level sender
- G849 Reducing agent quality sensor
- J623 Engine/motor control unit
- T4bm 4-pin connector, black
- T5n 5-pin connector, black
- T6av 6-pin connector, black
- T10ab 10-pin connector, black
- T17c 17-pin connector, on lower section of left A-pillar, red
- T17d 17-pin connector, on lower section of left A-pillar, green
- T91 91-pin connector, black
- V437 Pump for reducing agent
- V561 Reducing agent return flow pump
- Z102 Heater for reducing agent tank (heater circuit 1)

- 51 Earth point, on right in luggage compartment
- 75 Earth point, rear right pillar
- 87 Earth connection 2, in rear wiring harness
- H4 Connection 2 in wiring harness for reducing agent tank
- W58 Connection (87), in rear wiring harness

- * For models with 4 doors
- *2 For models with 5 doors

Engine/motor control unit, Mechatronic unit for dual clutch gearbox

J623 Engine/motor control unit
J743 Mechatronic unit for dual clutch gearbox
T16r 16-pin connector, black
T91 91-pin connector, black

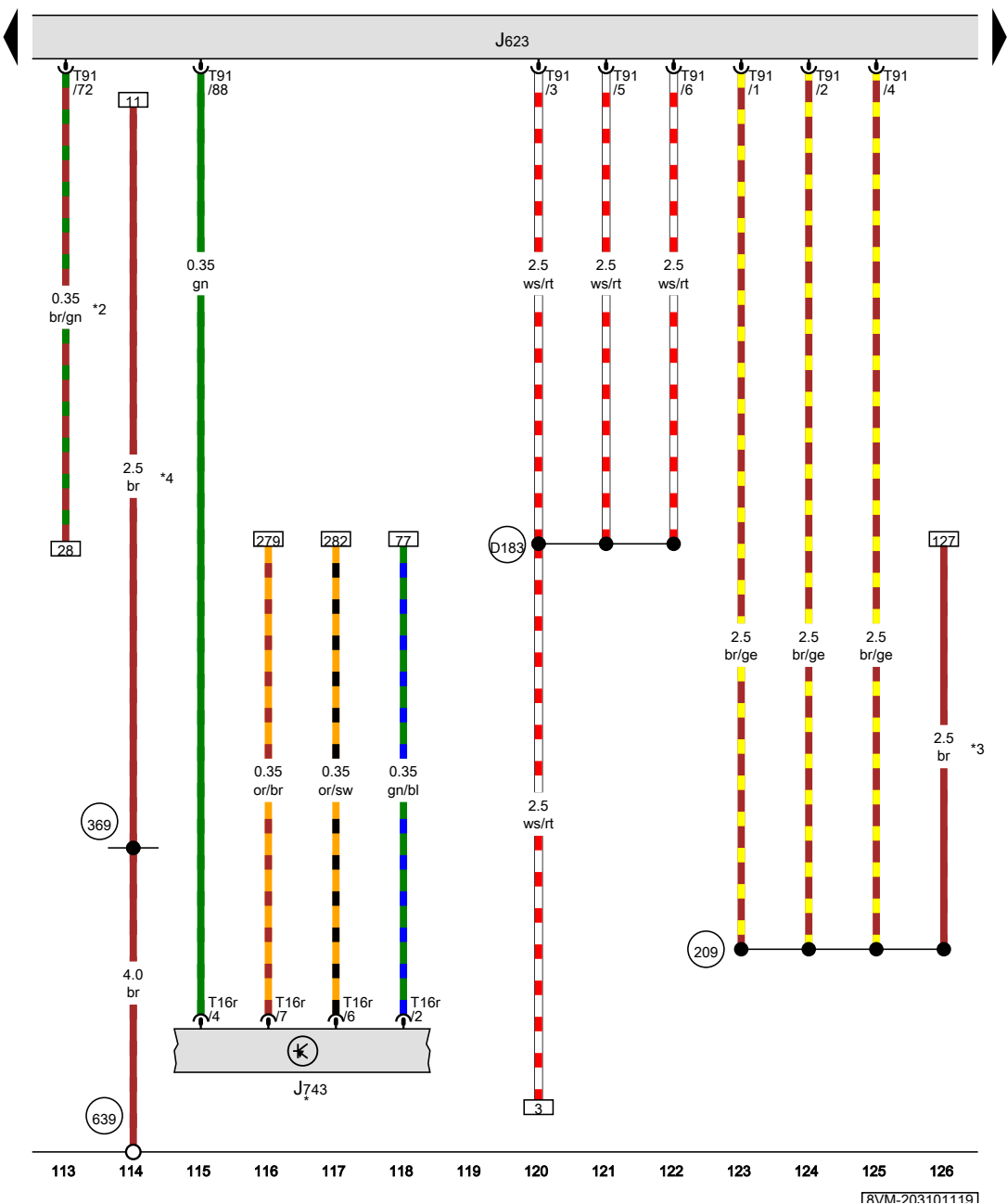
209 Earth connection 6, in engine compartment wiring harness

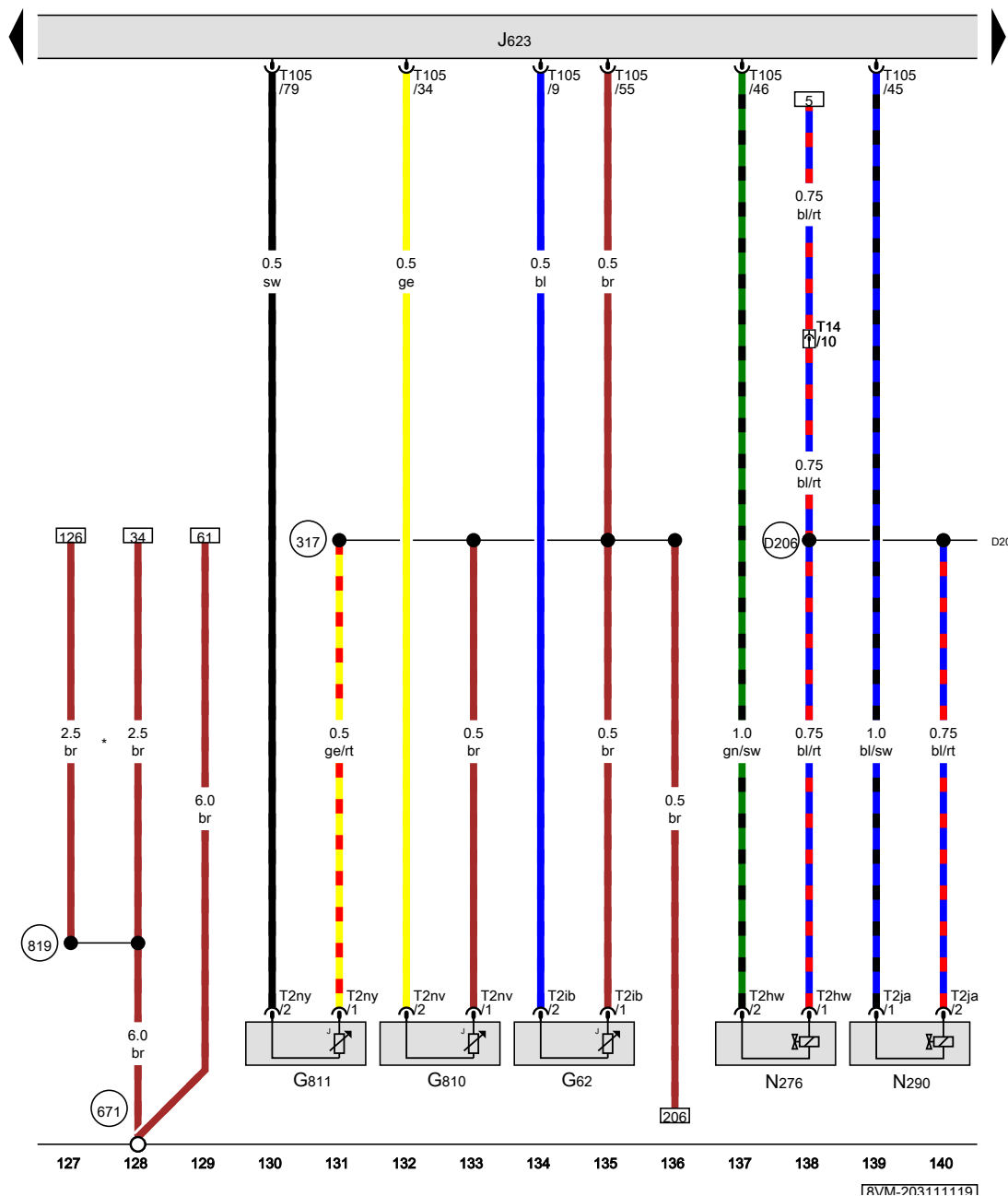
369 Earth connection 4, in main wiring harness

639 Earth point, left A-pillar

D183 Connection 4 (87a), in engine compartment wiring harness

- * For models with dual clutch gearbox
- *2 see applicable current flow diagram for battery in engine compartment
- *3 Different wire colour possible
- *4 For left-hand drive models



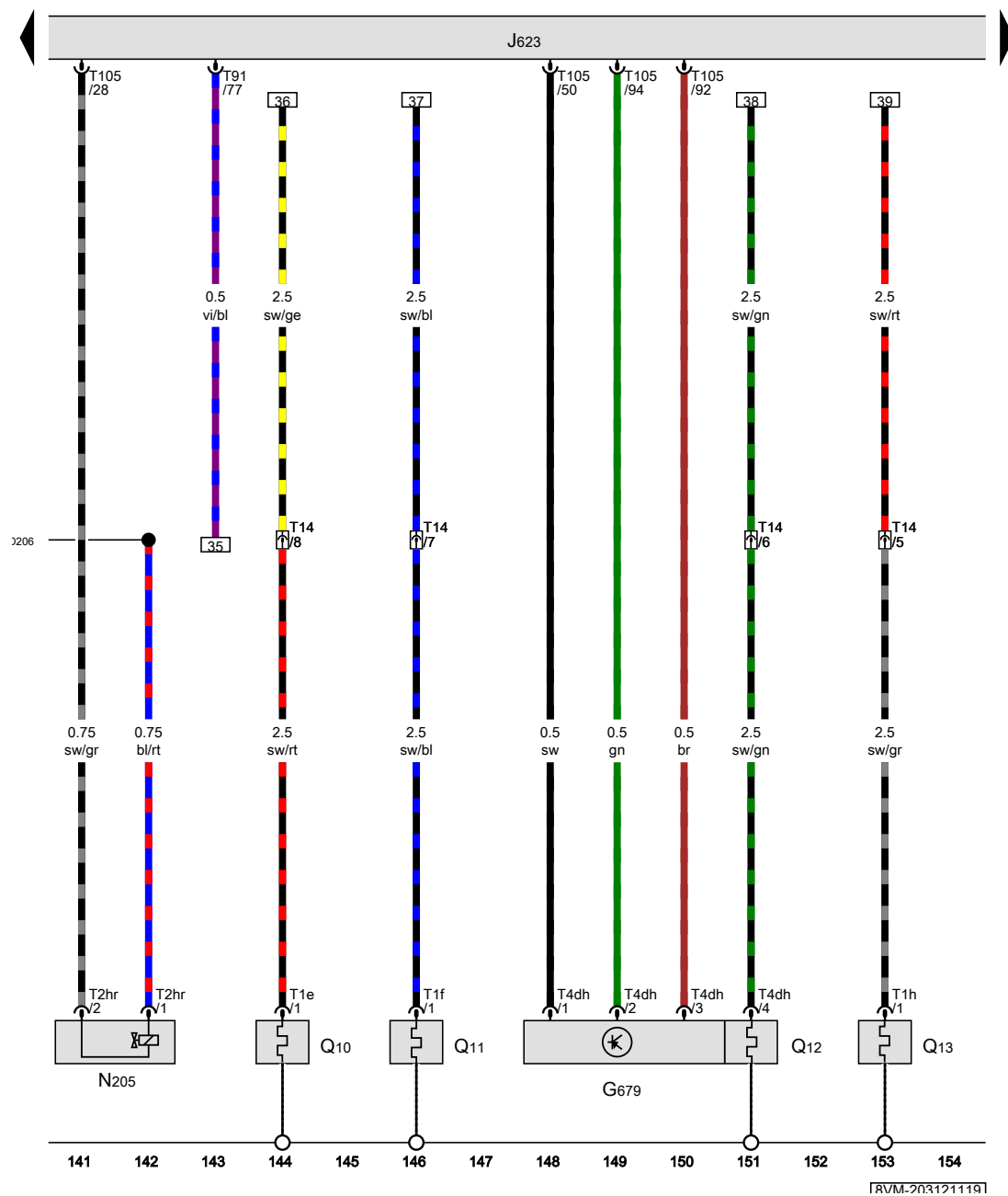


Coolant temperature sender, Charge air temperature sender before charge air cooler, Charge air temperature sender after charge air cooler, Engine/motor control unit, Fuel pressure regulating valve, Fuel metering valve

- G62 Coolant temperature sender
- G810 Charge air temperature sender before charge air cooler
- G811 Charge air temperature sender after charge air cooler
- J623 Engine/motor control unit
- N276 Fuel pressure regulating valve
- N290 Fuel metering valve
- T2hw 2-pin connector, black
- T2ib 2-pin connector, black
- T2ja 2-pin connector, black
- T2nv 2-pin connector, black
- T2ny 2-pin connector, black
- T14 14-pin connector, grey
- T105 105-pin connector, black
- 317 Earth connection 7, in engine compartment wiring harness
- 671 Earth point 1, on front of left longitudinal member
- 819 Earth connection 12, in engine compartment wiring harness
- D206 Connection 4 (87a) in engine prewiring harness
- * Different wire colour possible

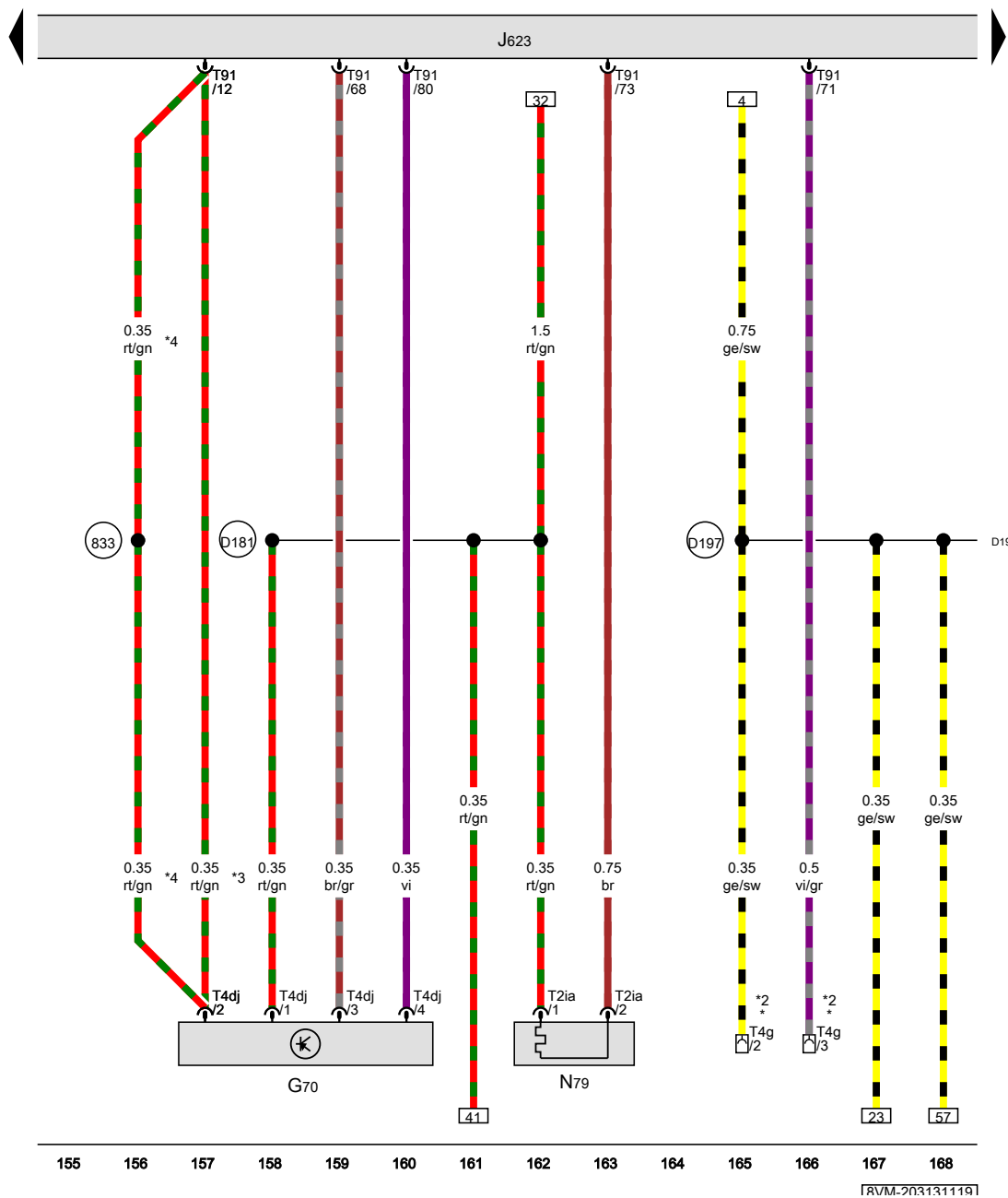
G679	Cylinder 3 combustion chamber pressure sender
J623	Engine/motor control unit
N205	Camshaft control valve 1
Q10	Glow plug 1
Q11	Glow plug 2
Q12	Glow plug 3
Q13	Glow plug 4
T1e	1-pin connector, black
T1f	1-pin connector, black
T1h	1-pin connector, black
T2hr	2-pin connector, black
T4dh	4-pin connector, black
T14	14-pin connector, grey
T91	91-pin connector, black
T105	105-pin connector, black

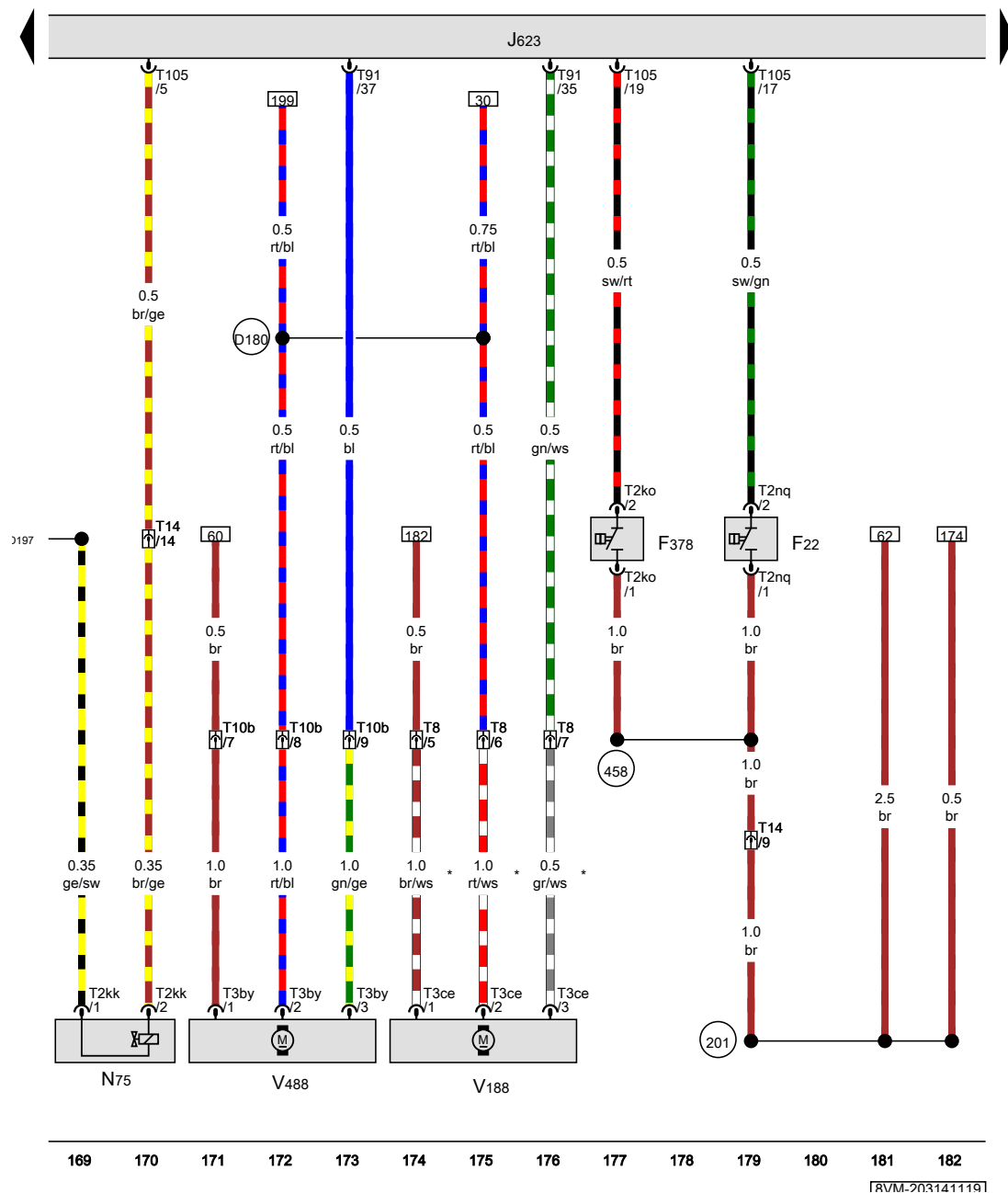
(D206) Connection 4 (87a) in engine prewiring harness



ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Air mass meter, Engine/motor control unit, Heater element for crankcase breather





Oil pressure switch, Oil pressure switch for reduced oil pressure, Engine/motor control unit, Charge pressure control solenoid valve, Charge air cooling pump, Auxiliary pump for heating

- F22 Oil pressure switch
- F378 Oil pressure switch for reduced oil pressure
- J623 Engine/motor control unit
- N75 Charge pressure control solenoid valve
- T2kk 2-pin connector, black
- T2ko 2-pin connector, black
- T2nq 2-pin connector, black
- T3by 3-pin connector, black
- T3ce 3-pin connector, black
- T8 8-pin connector, black
- T10b 10-pin connector, black
- T14 14-pin connector, grey
- T91 91-pin connector, black
- T105 105-pin connector, black
- V188 Charge air cooling pump
- V488 Auxiliary pump for heating

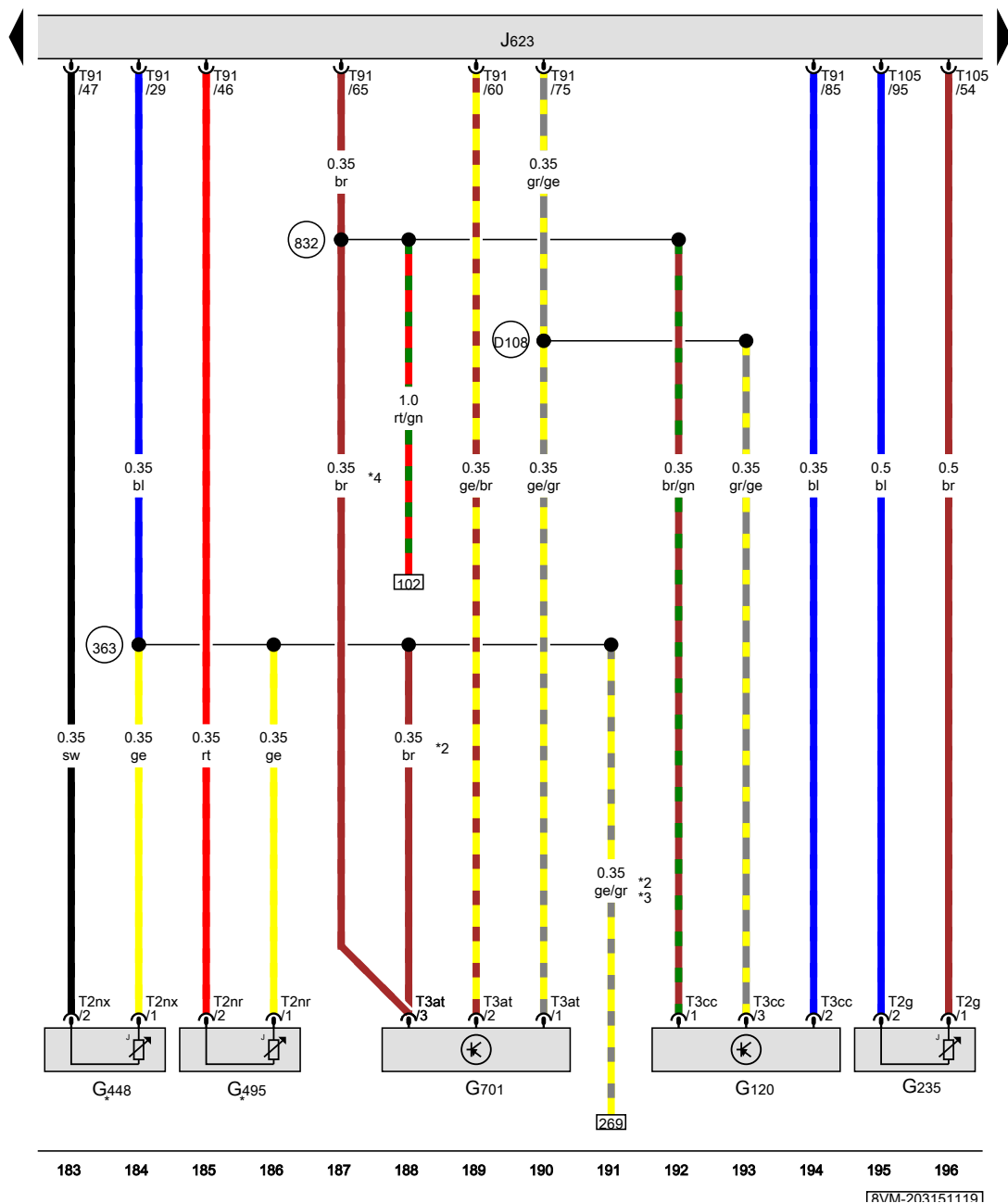
201 Earth connection 5, in engine compartment wiring harness

458 Earth point 3, engine prewiring harness

D180 Connection (87a), in engine compartment wiring harness

D197 Connection 5 (87a), in engine compartment wiring harness

* Wiring colour depends on equipment



Water level sender, Exhaust gas temperature sender 1, Exhaust gas temperature sender 2, Exhaust gas temperature sender 3, Gearbox neutral position sender, Engine/motor control unit

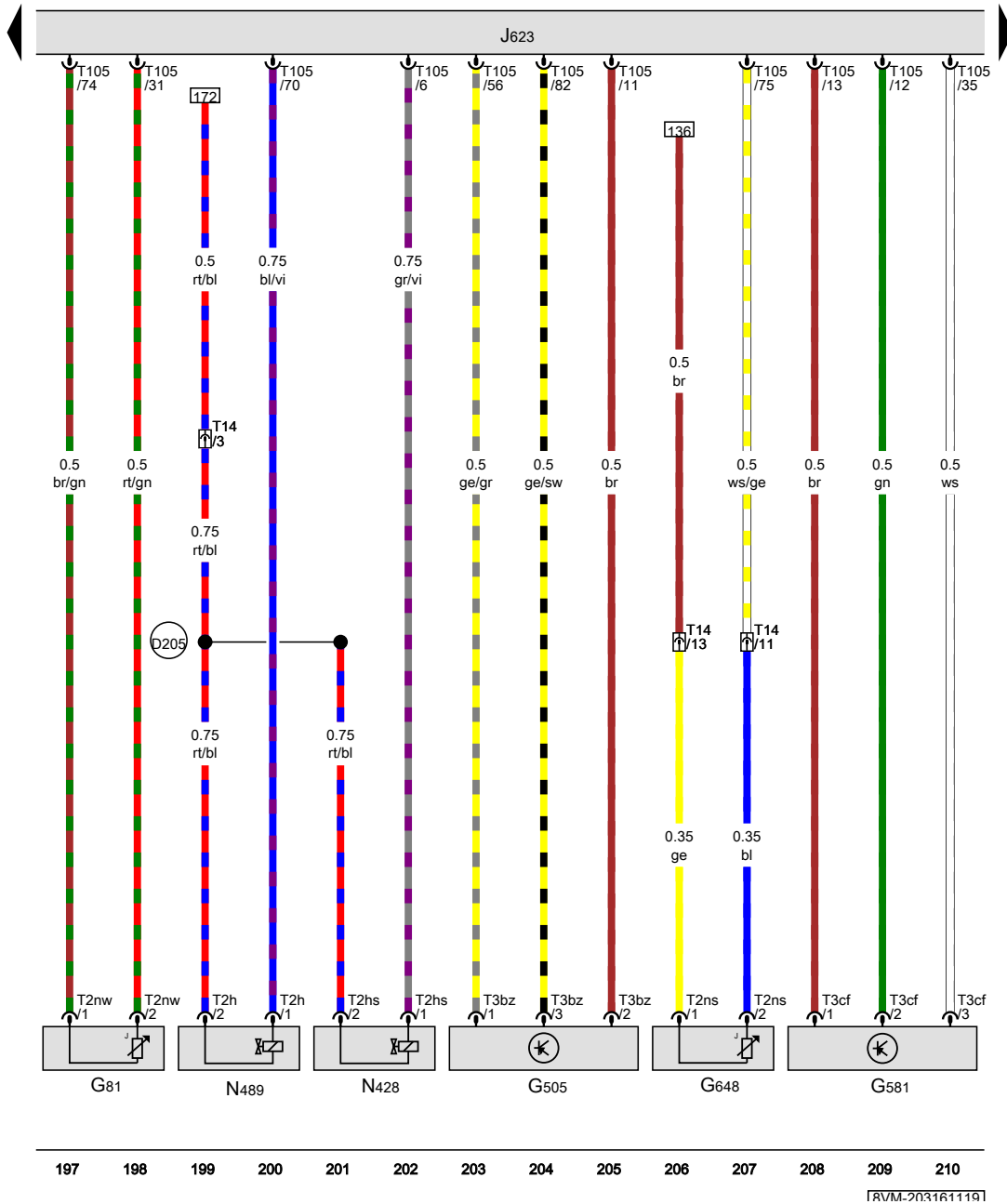
- G120 Water level sender
- G235 Exhaust gas temperature sender 1
- G448 Exhaust gas temperature sender 2
- G495 Exhaust gas temperature sender 3
- G701 Gearbox neutral position sender
- J623 Engine/motor control unit
- T2g 2-pin connector, black
- T2nr 2-pin connector, black
- T2nx 2-pin connector, black
- T3at 3-pin connector, black
- T3cc 3-pin connector, black
- T91 91-pin connector, black
- T105 105-pin connector, black

363 Earth connection 8, in engine compartment wiring harness

832 Earth connection 14, in engine compartment wiring harness

D108 Connection 6 in engine compartment wiring harness

- * Pre-wired component
- *2 Gradually discontinued
- *3 Up to June 2018
- *4 gradual introduction



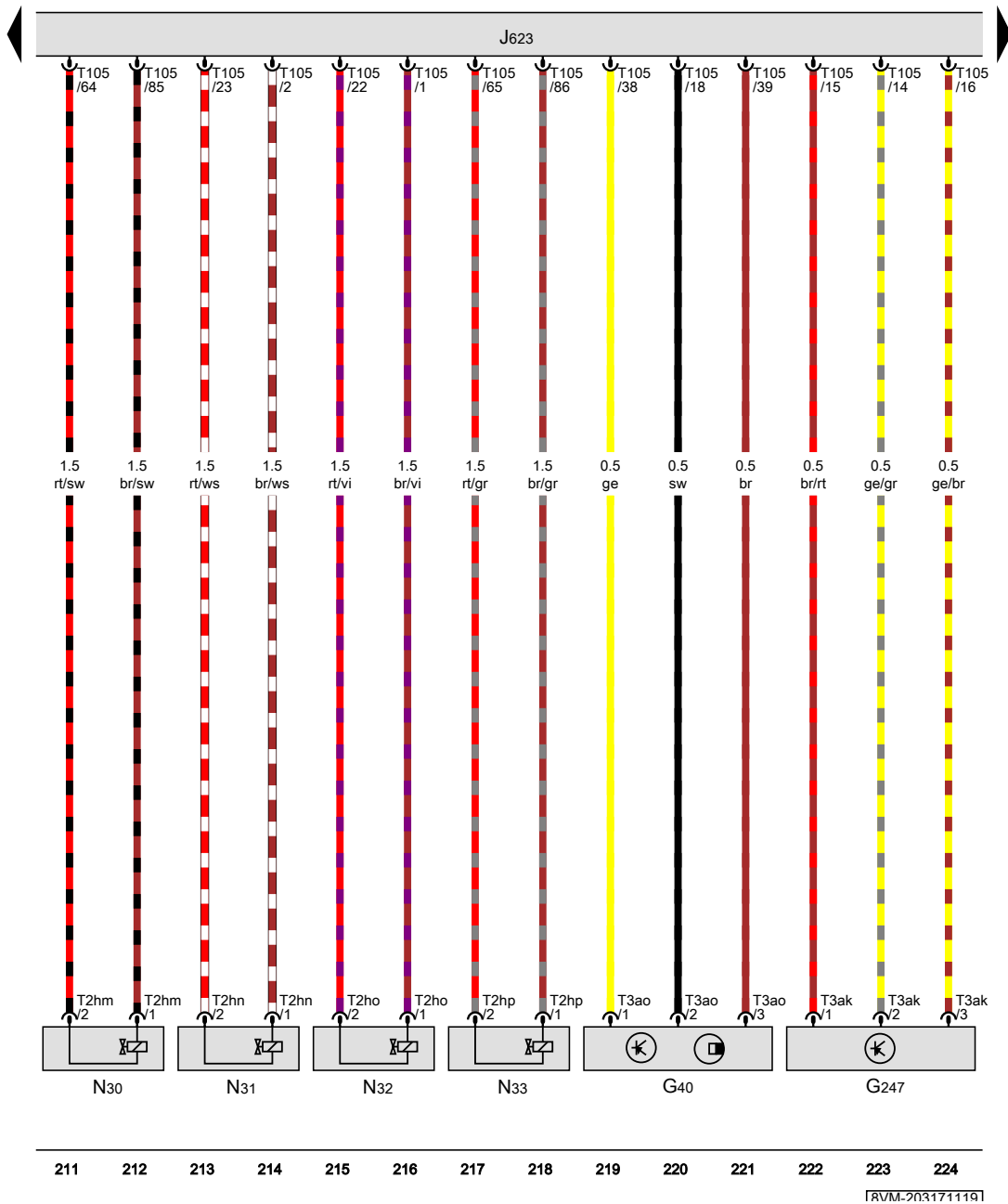
Fuel temperature sender, Pressure differential sender, Position sender for charge pressure positioner, Exhaust gas temperature sender 4, Engine/motor control unit, Valve for oil pressure control, Coolant valve for cylinder head

- G81 Fuel temperature sender
- G505 Pressure differential sender
- G581 Position sender for charge pressure positioner
- G648 Exhaust gas temperature sender 4
- J623 Engine/motor control unit
- N428 Valve for oil pressure control
- N489 Coolant valve for cylinder head
- T2h 2-pin connector, black
- T2hs 2-pin connector, black
- T2ns 2-pin connector, black
- T2nw 2-pin connector, black
- T3bz 3-pin connector, black
- T3cf 3-pin connector, black
- T14 14-pin connector, grey
- T105 105-pin connector, black

D205 Connection 3 (87a) in engine prewiring harness

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

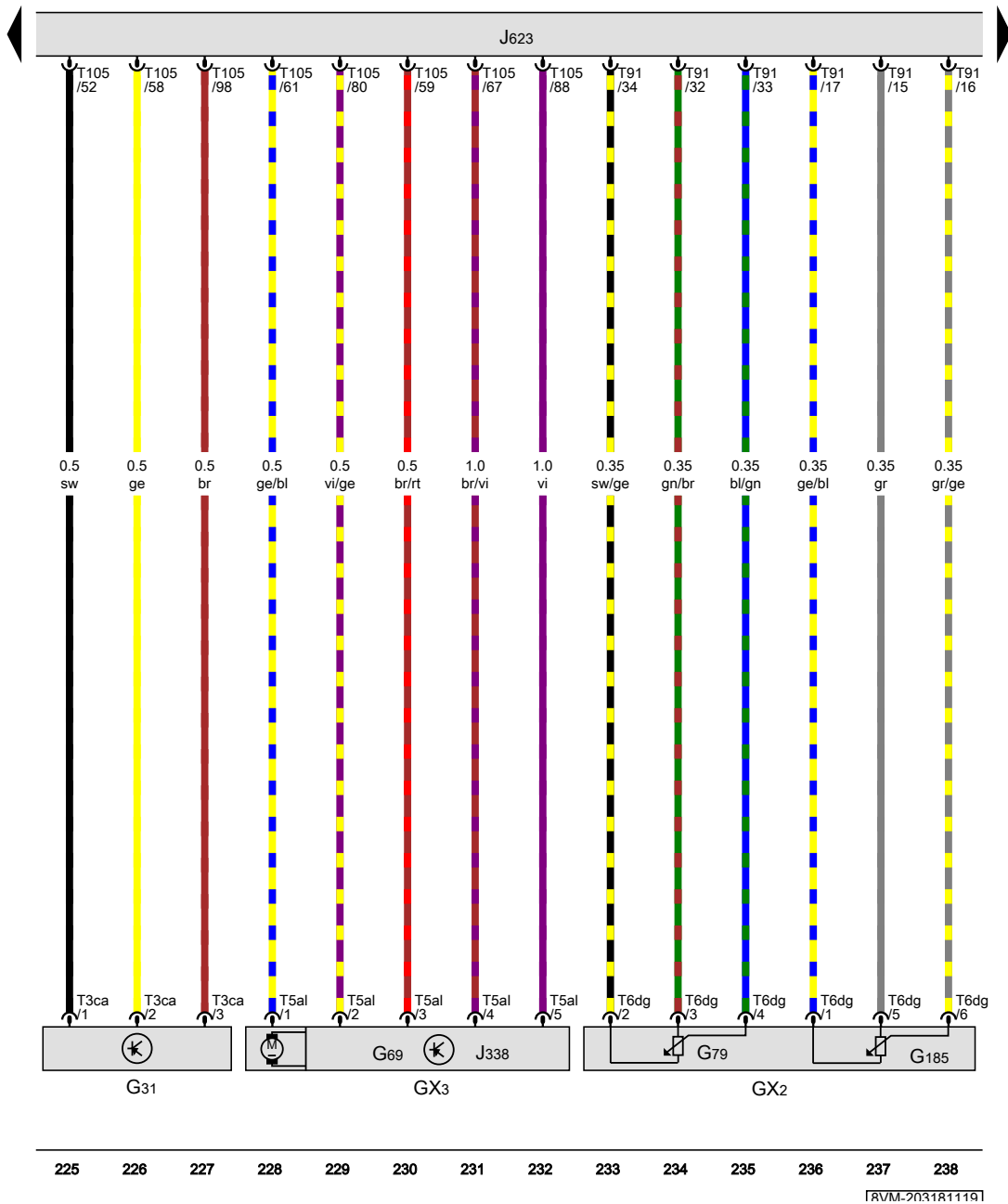
Hall sender, Fuel pressure sender, Engine/motor control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4



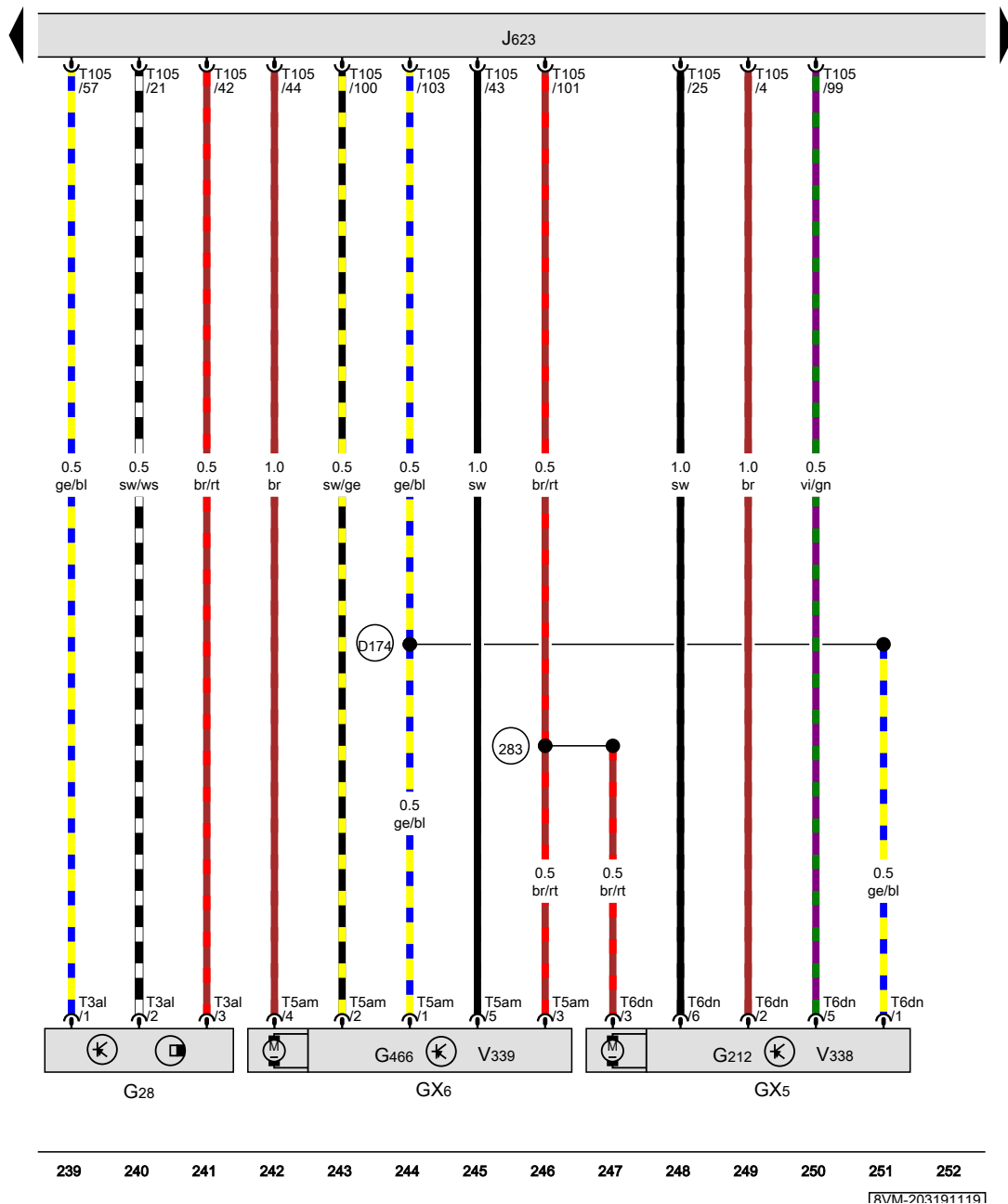
- G40 Hall sender
- G247 Fuel pressure sender
- J623 Engine/motor control unit
- N30 Injector, cylinder 1
- N31 Injector, cylinder 2
- N32 Injector, cylinder 3
- N33 Injector, cylinder 4
- T2hm 2-pin connector, black
- T2hn 2-pin connector, black
- T2ho 2-pin connector, black
- T2hp 2-pin connector, black
- T3ak 3-pin connector, black
- T3ao 3-pin connector, black
- T105 105-pin connector, black

- ws = white
- sw = black
- ro = red
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- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Accelerator pedal module, Throttle valve module, Charge pressure sender, Throttle valve potentiometer, Engine/ motor control unit



- GX2 Accelerator pedal module
- GX3 Throttle valve module
- G31 Charge pressure sender
- G69 Throttle valve potentiometer
- G79 Accelerator position sender
- G185 Accelerator position sender 2
- J338 Throttle valve module
- J623 Engine/motor control unit
- T3ca 3-pin connector, black
- T5al 5-pin connector, black
- T6dg 6-pin connector, black
- T91 91-pin connector, black
- T105 105-pin connector, black



Exhaust gas recirculation valve 1, Exhaust gas recirculation valve 2, Engine speed sender, Exhaust gas recirculation potentiometer, Exhaust gas recirculation potentiometer 2, Engine/motor control unit

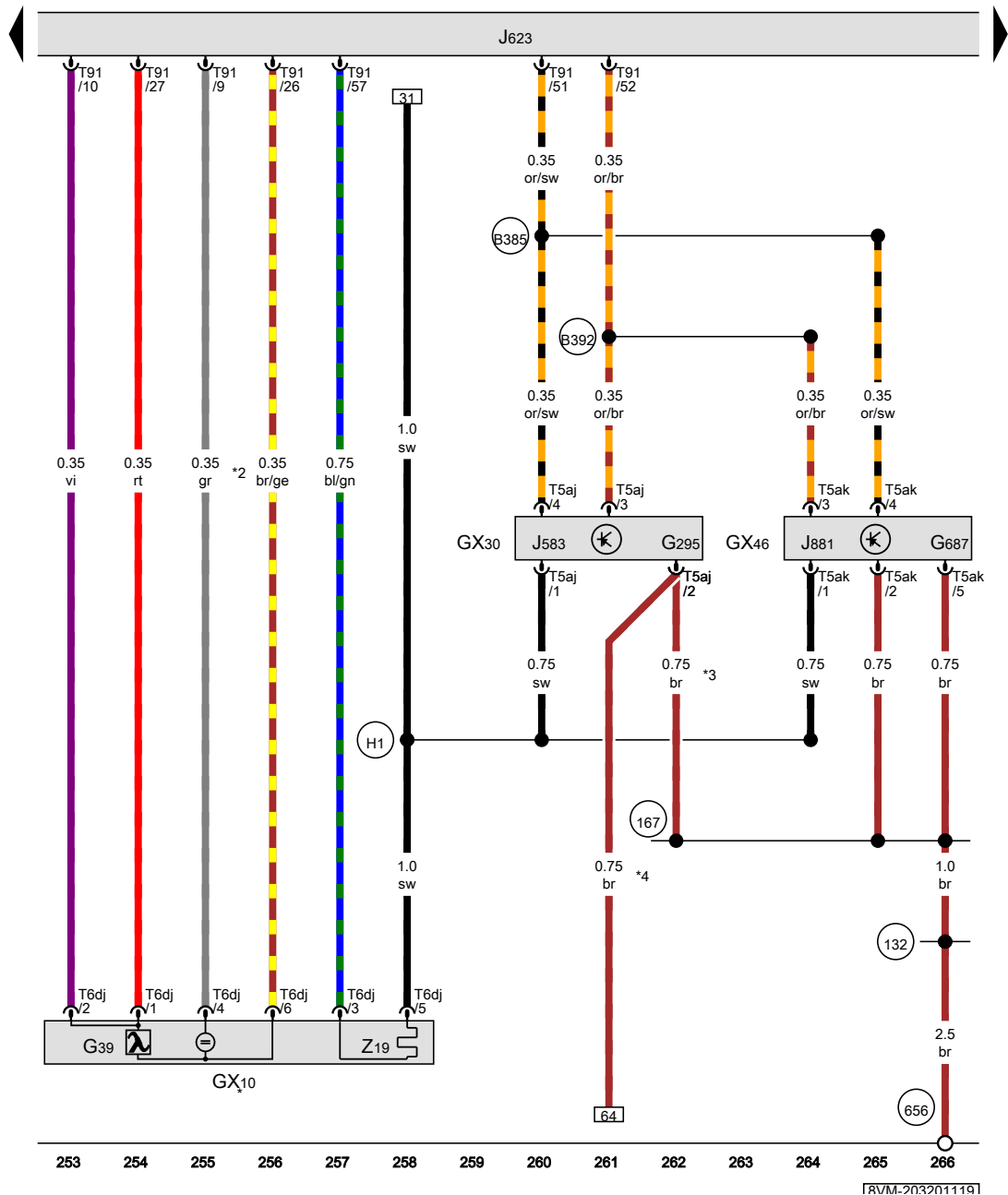
- GX5 Exhaust gas recirculation valve 1
- GX6 Exhaust gas recirculation valve 2
- G28 Engine speed sender
- G212 Exhaust gas recirculation potentiometer
- G466 Exhaust gas recirculation potentiometer 2
- J623 Engine/motor control unit
- T3al 3-pin connector, black
- T5am 5-pin connector, black
- T6dn 6-pin connector, grey
- T105 105-pin connector, black
- V338 Exhaust gas recirculation control motor
- V339 Exhaust gas recirculation control motor 2

283 Earth point 2, engine prewiring harness

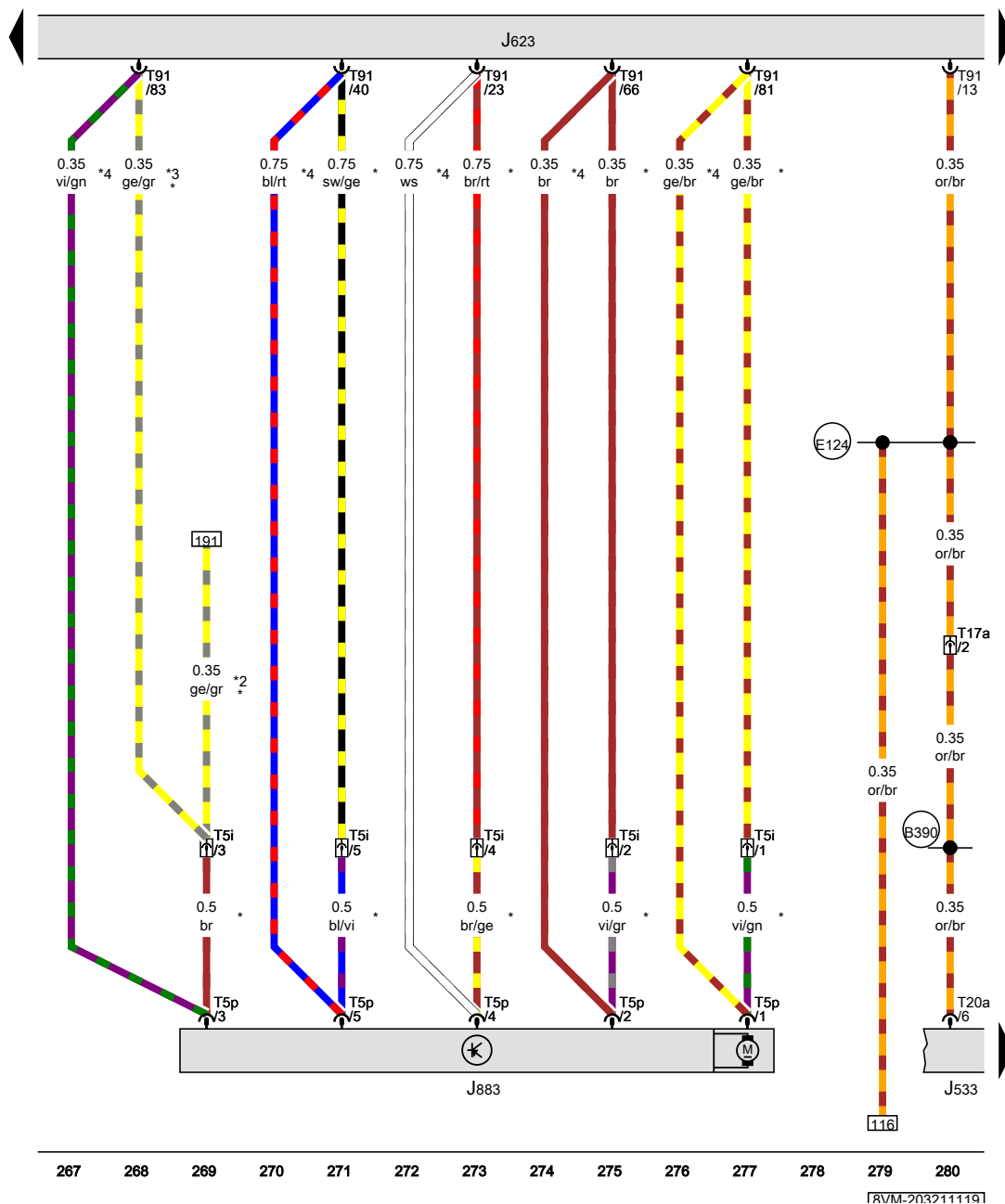
D174 Connection 2 (5V) in engine prewiring harness

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Lambda probe 1 before catalytic converter, Control unit for NOx sender, Control unit 2 for NOx sender, Engine/motor control unit



Data bus diagnostic interface, Engine/motor control unit, Exhaust flap control unit



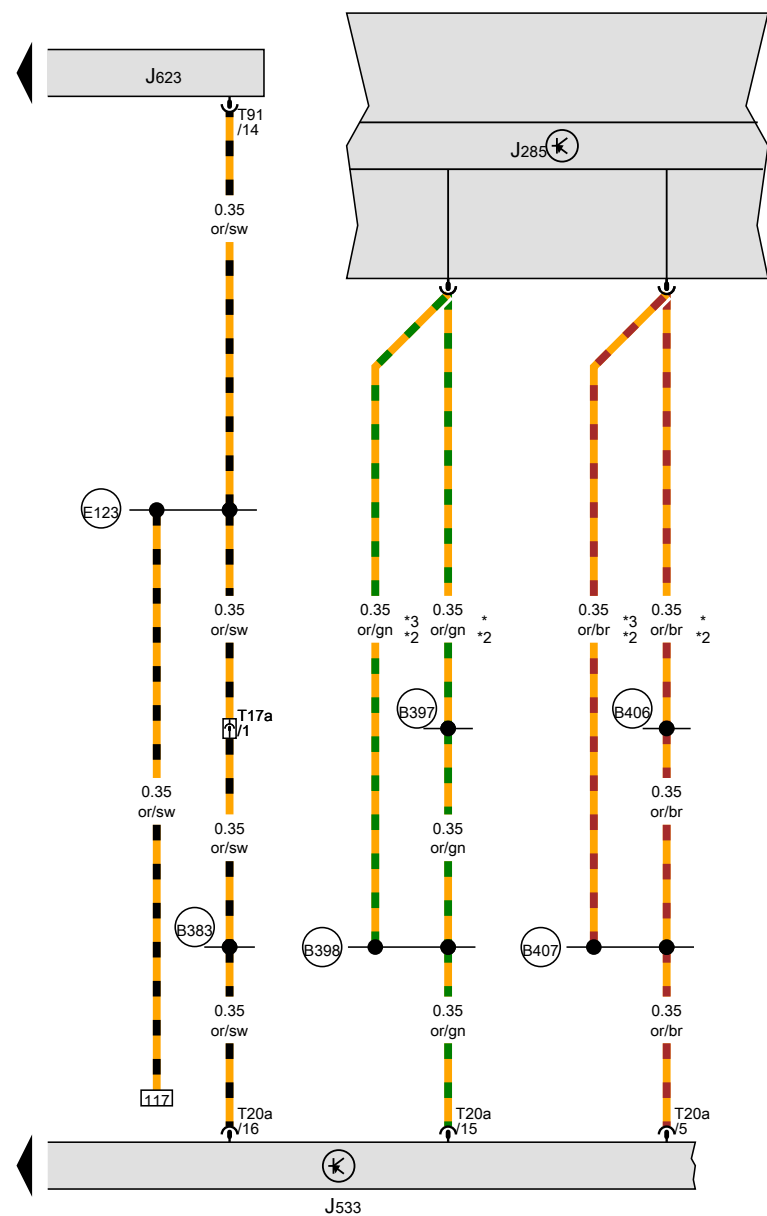
- J533 Data bus diagnostic interface
- J623 Engine/motor control unit
- J883 Exhaust flap control unit
- T5i 5-pin connector, black
- T5p 5-pin connector, black
- T17a 17-pin connector, black
- T20a 20-pin connector, red
- T91 91-pin connector, black

B390 Connection 1 (powertrain CAN bus, low), in main wiring harness

E124 Connection 1 (powertrain CAN bus, low), in engine wiring harness

- * Up to June 2018
- *2 Gradually discontinued
- *3 gradual introduction
- *4 From July 2018

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
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- vi = purple
- ge = yellow
- or = orange
- rs = pink



Control unit in dash panel insert, Data bus diagnostic interface, Engine/motor control unit

- J285 Control unit in dash panel insert
- J533 Data bus diagnostic interface
- J623 Engine/motor control unit
- T17a 17-pin connector, black
- T20a 20-pin connector, red
- T91 91-pin connector, black

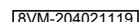
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness
- E123 Connection 1 (powertrain CAN bus, high), in engine wiring harness

- * For left-hand drive models
- *2 see applicable current flow diagram for dash panel insert
- *3 For right-hand drive models

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- sw = black
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- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

1.6l diesel engine , DGTA,DGTE

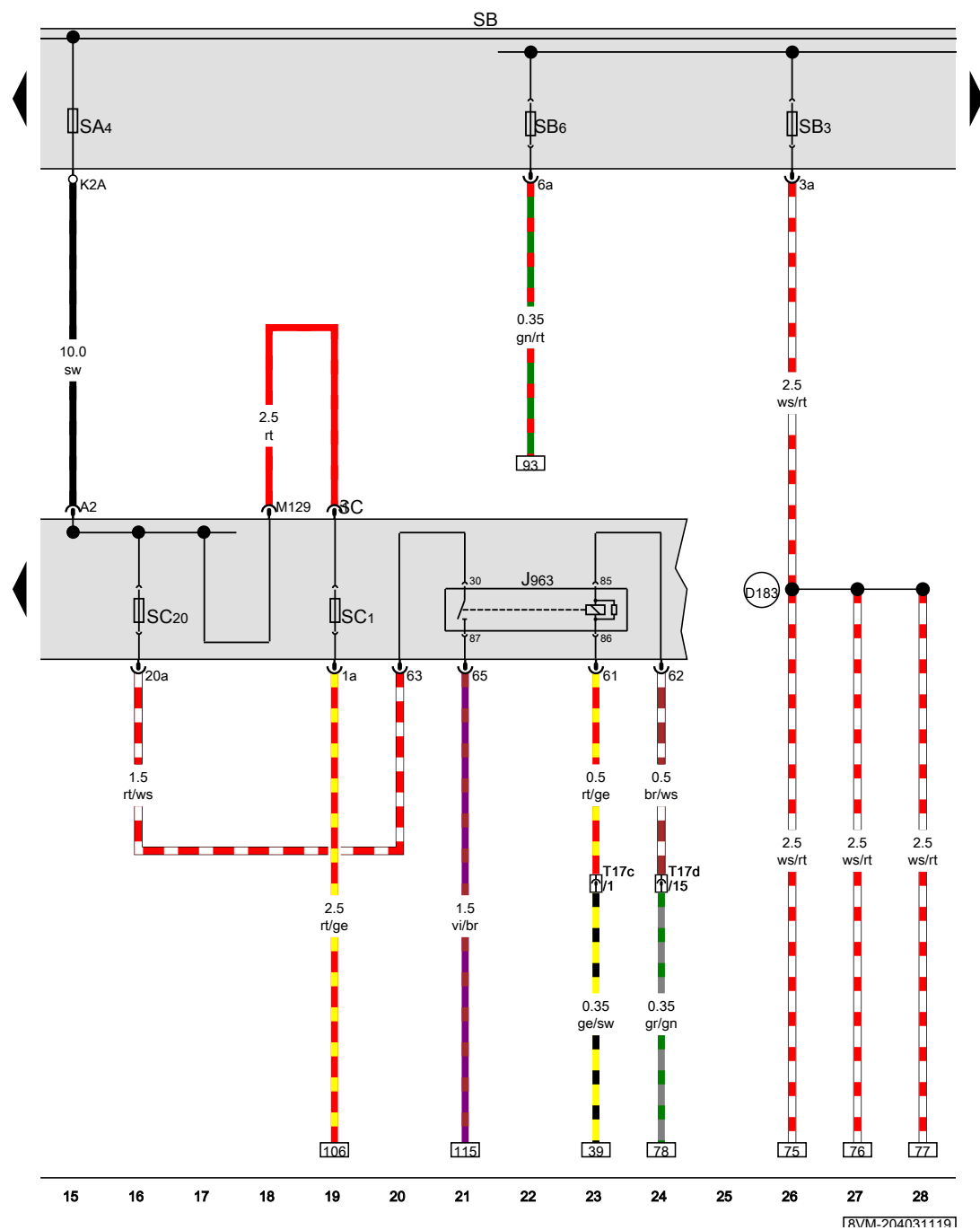
From March 2018



ws = white
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rt = red
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gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

- 366 Earth connection 1, in main wiring harness
- 369 Earth connection 4, in main wiring harness
- 639 Earth point, left A-pillar
- 684 Earth point on front of left side member

*2 For models with auxiliary air heater
*3 see applicable current flow diagram for battery
*4 see applicable current flow diagram
*5 For right-hand drive models
*6 For left-hand drive models

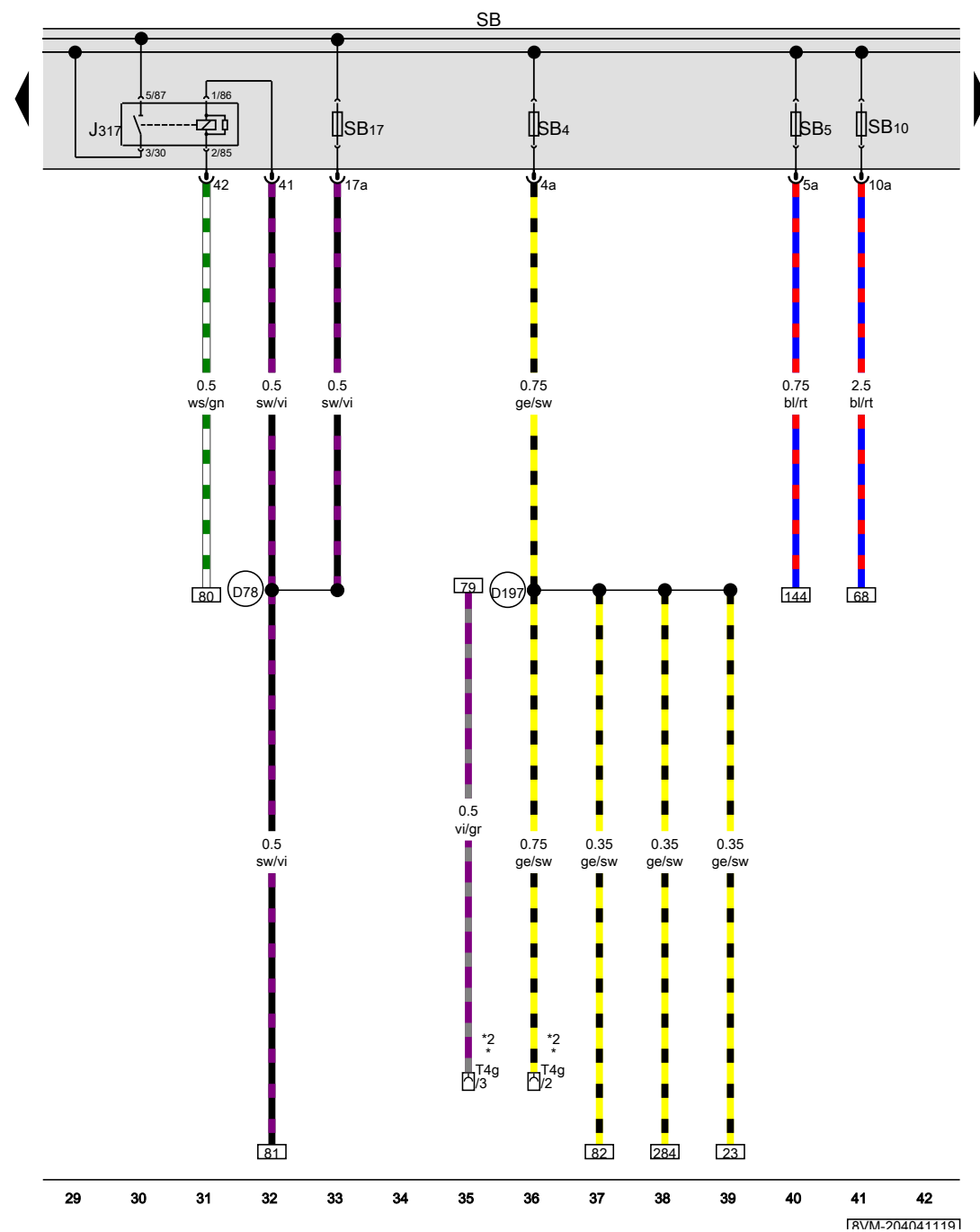


Relay for reducing agent metering system, Fuse holder B, Fuse holder C

- J963 Relay for reducing agent metering system
- SA4 Fuse 4 on fuse holder A
- SB Fuse holder B
- SC1 Fuse 1 on fuse holder C
- SB3 Fuse 3 on fuse holder B
- SB6 Fuse 6 on fuse holder B
- SC Fuse holder C
- SC20 Fuse 20 on fuse holder C
- T17c 17-pin connector, on lower section of left A-pillar, red
- T17d 17-pin connector, on lower section of left A-pillar, green
- D183 Connection 4 (87a), in engine compartment wiring harness

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
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 rs = pink

[8V/M-204031119]



Terminal 30 voltage supply relay, Fuse holder B

J317 Terminal 30 voltage supply relay

SB Fuse holder B

SB4 Fuse 4 on fuse holder B

SB5 Fuse 5 on fuse holder B

SB10 Fuse 10 on fuse holder B

SB17 Fuse 17 on fuse holder B

T4g 4-pin connector, black

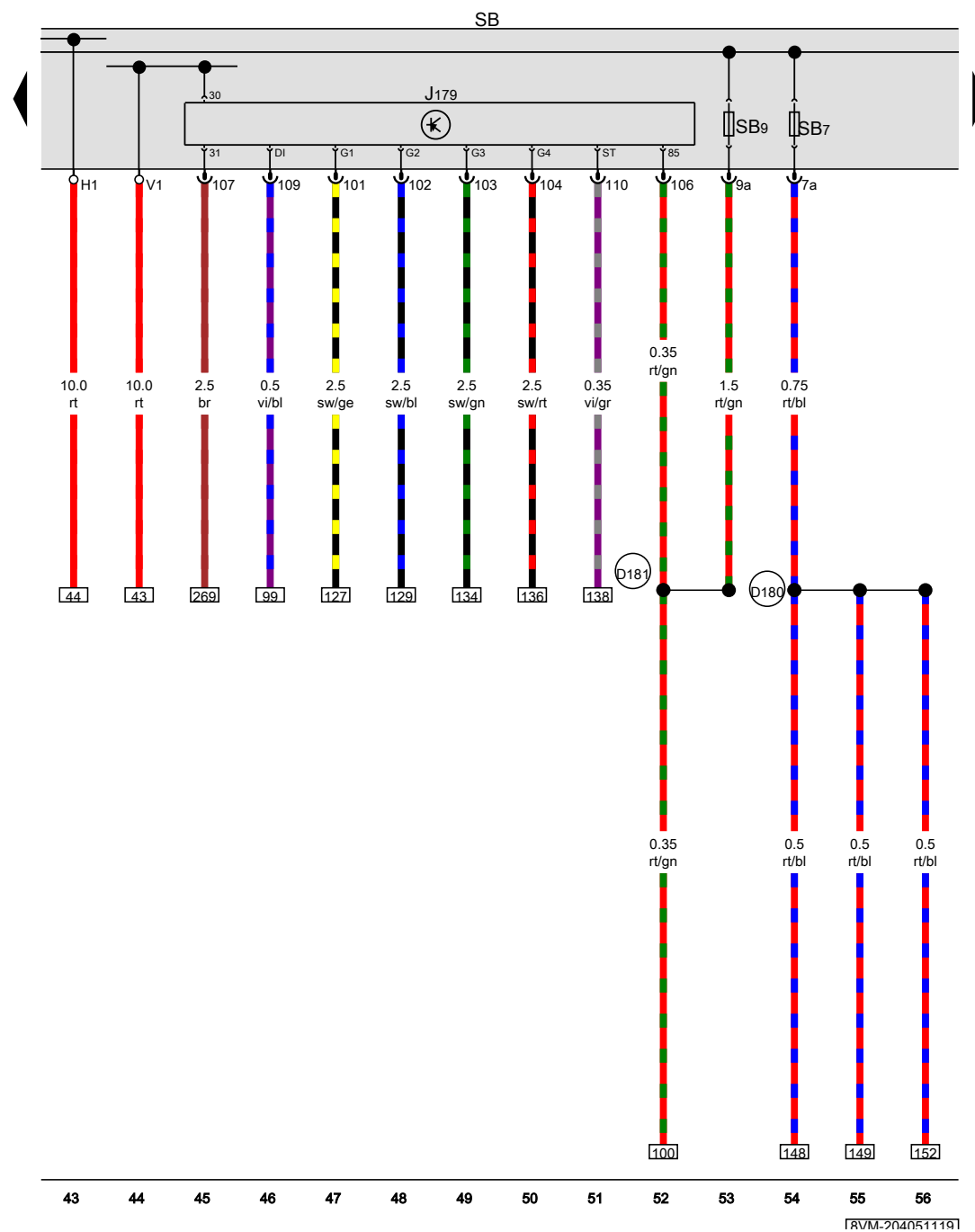
D78 Positive connection 1 (30a), in engine compartment wiring harness

D197 Connection 5 (87a), in engine compartment wiring harness

* Radiator fan connection

*2 see applicable current flow diagram for radiator fan

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
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 rs = pink



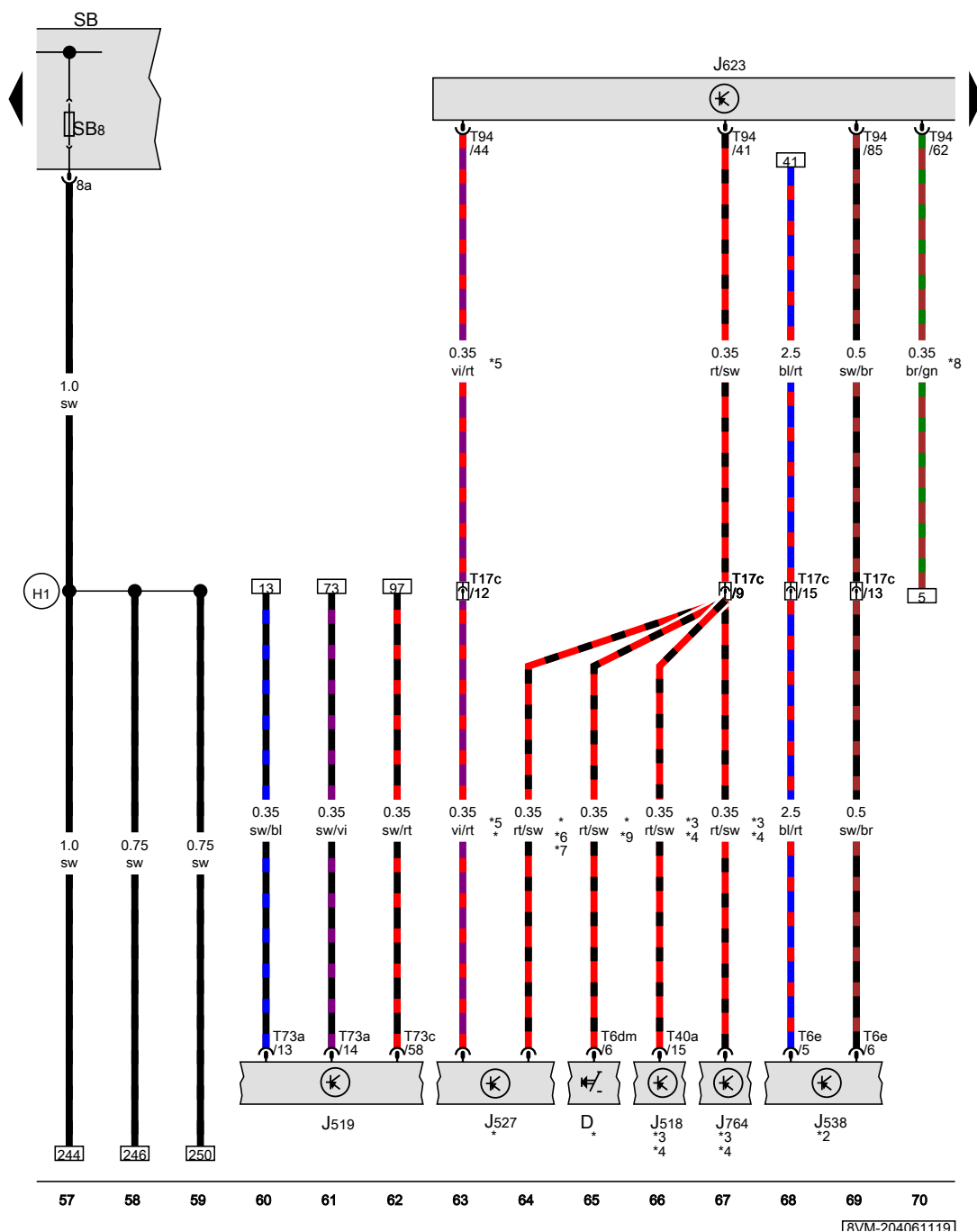
Automatic glow period control unit, Fuse holder B

- J179 Automatic glow period control unit
- SB Fuse holder B
- SB7 Fuse 7 on fuse holder B
- SB9 Fuse 9 on fuse holder B

D180 Connection (87a), in engine compartment wiring harness

D181 Connection 2 (87a), in engine compartment wiring harness

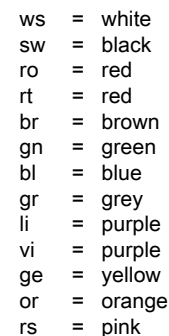
- ws = white
- sw = black
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Onboard supply control unit, Steering column electronics control unit, Fuel pump control unit, Engine/motor control unit, Fuse holder B

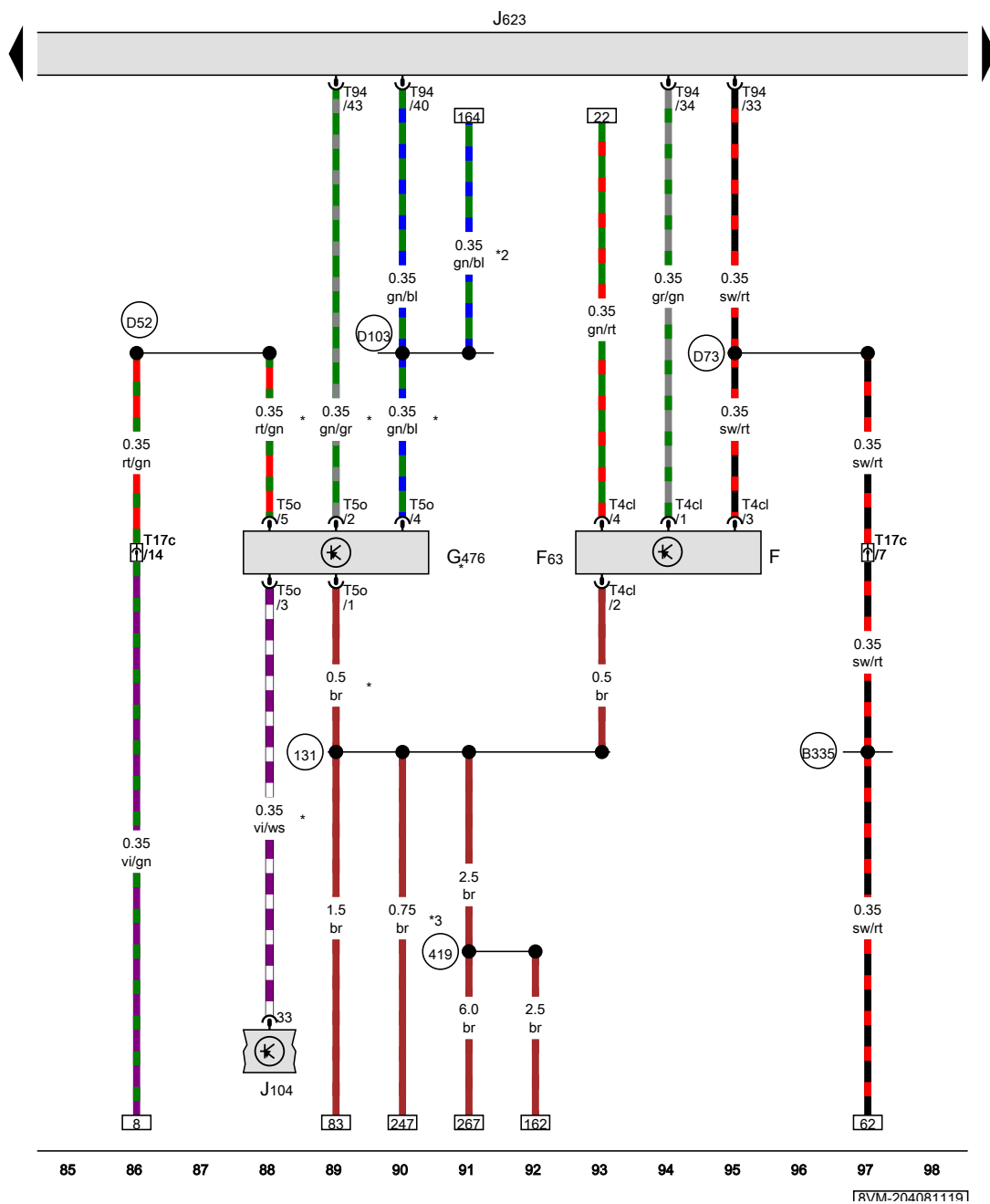
- D Ignition/starter switch
- J518 Entry and start authorisation control unit
- J519 Onboard supply control unit
- J527 Steering column electronics control unit
- J538 Fuel pump control unit
- J623 Engine/motor control unit
- J764 Control unit for electronic steering column lock
- SB Fuse holder B
- SB8 Fuse 8 on fuse holder B
- T6dm 6-pin connector, black
- T6e 6-pin connector, black
- T17c 17-pin connector, on lower section of left A-pillar, red
- T40a 40-pin connector, black
- T73a 73-pin connector, black
- T73c 73-pin connector, black
- T94 94-pin connector, black
- H1 Positive connection, in Lambda wiring harness
- * see applicable current flow diagram for steering column electronics
- *2 see applicable current flow diagram for fuel system
- *3 see applicable current flow diagram for entry and start authorisation
- *4 According to equipment
- *5 For models with cruise control system (CCS)
- *6 For models with no entry and start authorisation
- *7 Up to June 2018
- *8 see applicable current flow diagram for battery in engine compartment
- *9 From July 2018

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gn = green
bl = blue
gr = grey
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G266	Oil level and oil temperature sender
J623	Engine/motor control unit
T3ag	3-pin connector, black
T10b	10-pin connector, black
T17b	17-pin connector, on lower section of left A-pillar, brown
T94	94-pin connector, black

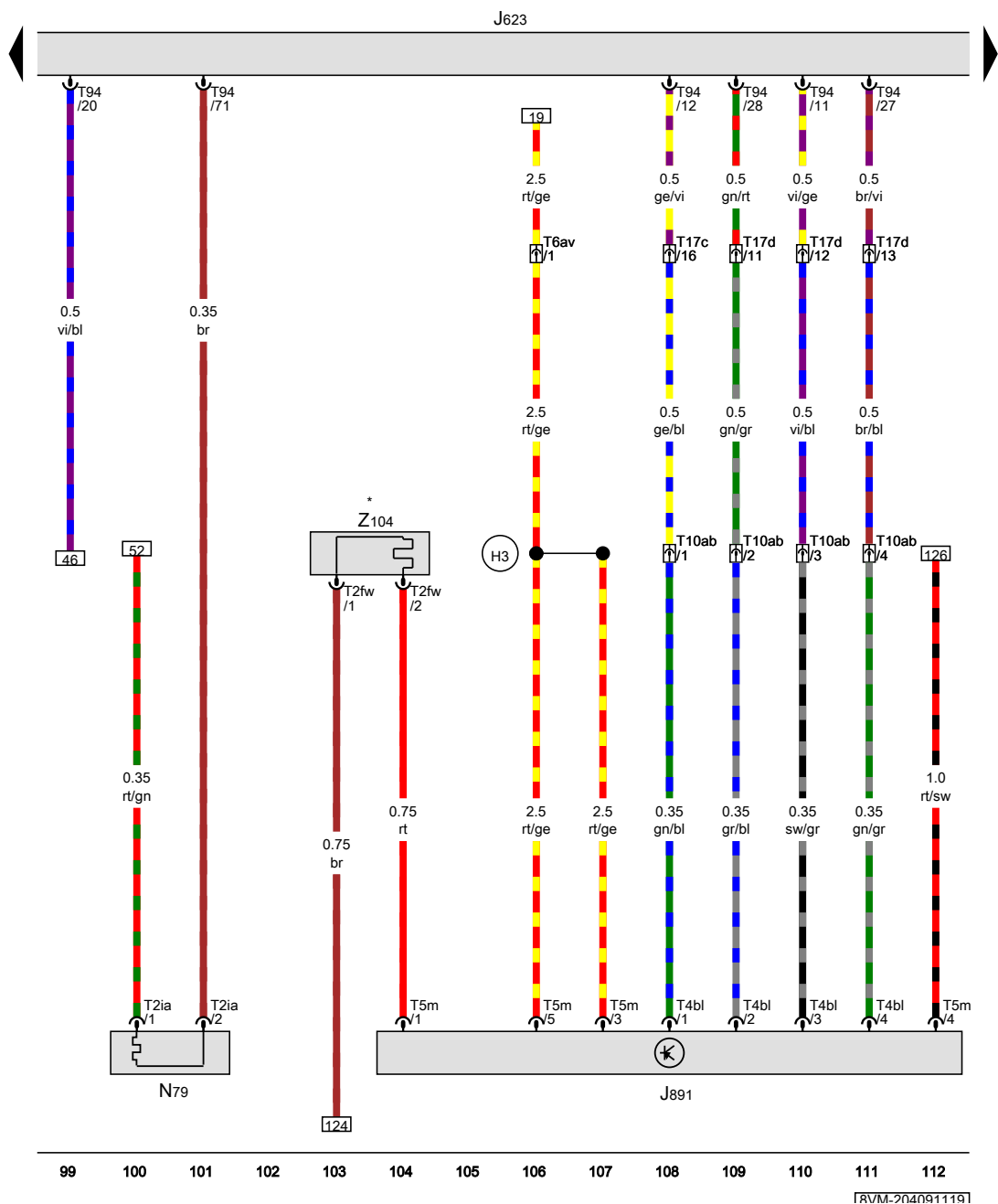
85	Earth connection 1, in engine compartment wiring harness
B466	Connection 2, in main wiring harness
D102	Connection 2 in engine compartment wiring harness
*	see applicable current flow diagram for battery in engine compartment
*2	Wiring colour depends on equipment



Brake light switch, Brake pedal switch, Clutch position sender, Engine/motor control unit

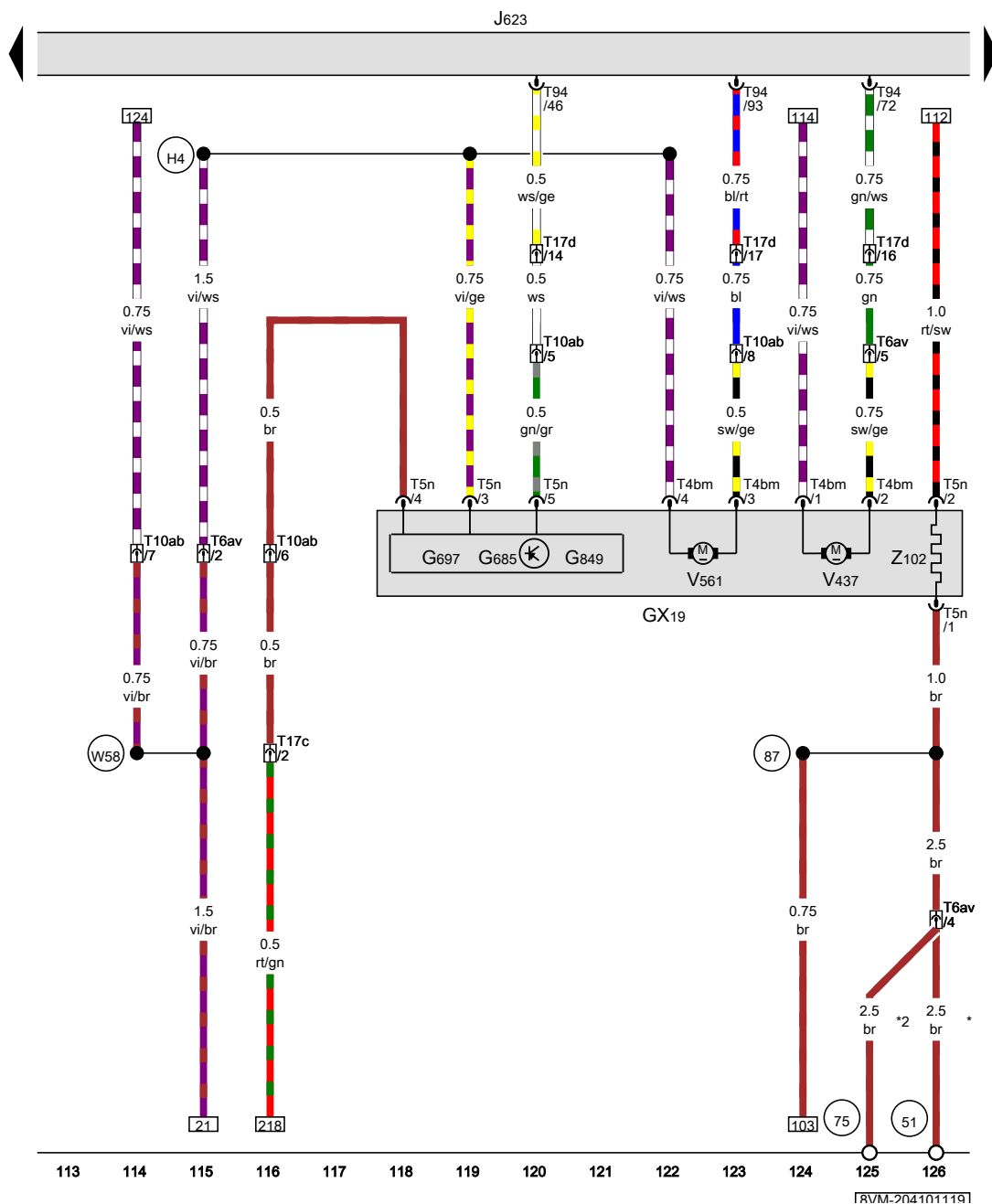
- F Brake light switch
- F63 Brake pedal switch
- G476 Clutch position sender
- J104 ABS control unit
- J623 Engine/motor control unit
- T4cl 4-pin connector, black
- T5o 5-pin connector, black
- T17c 17-pin connector, on lower section of left A-pillar, red
- T94 94-pin connector, black
- 131 Earth connection 2, in engine compartment wiring harness
- 419 Earth connection 11, in engine compartment wiring harness
- B335 Connection 1 (54), in main wiring harness
- D52 Positive connection (15a), in engine compartment wiring harness
- D73 Positive connection (54), in engine compartment wiring harness
- D103 Connection 3 in engine compartment wiring harness
- * For models with manual gearbox
- *2 For models with dual clutch gearbox
- *3 For right-hand drive models

Engine/motor control unit, Heater element for crankcase breather, Heater for reducing agent line (heater circuit 2)



- J623 Engine/motor control unit
- J891 Control unit for reducing agent heater
- N79 Heater element for crankcase breather
- T2fw 2-pin connector, black
- T2ia 2-pin connector, black
- T4bl 4-pin connector, black
- T5m 5-pin connector, colourless
- T6av 6-pin connector, black
- T10ab 10-pin connector, black
- T17c 17-pin connector, on lower section of left A-pillar, red
- T17d 17-pin connector, on lower section of left A-pillar, green
- T94 94-pin connector, black
- Z104 Heater for reducing agent line (heater circuit 2)
- H3 Connection 1 in wiring harness for reducing agent tank
- * Heater for reducing agent line can comprise multiple sections

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 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
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 or = orange
 rs = pink



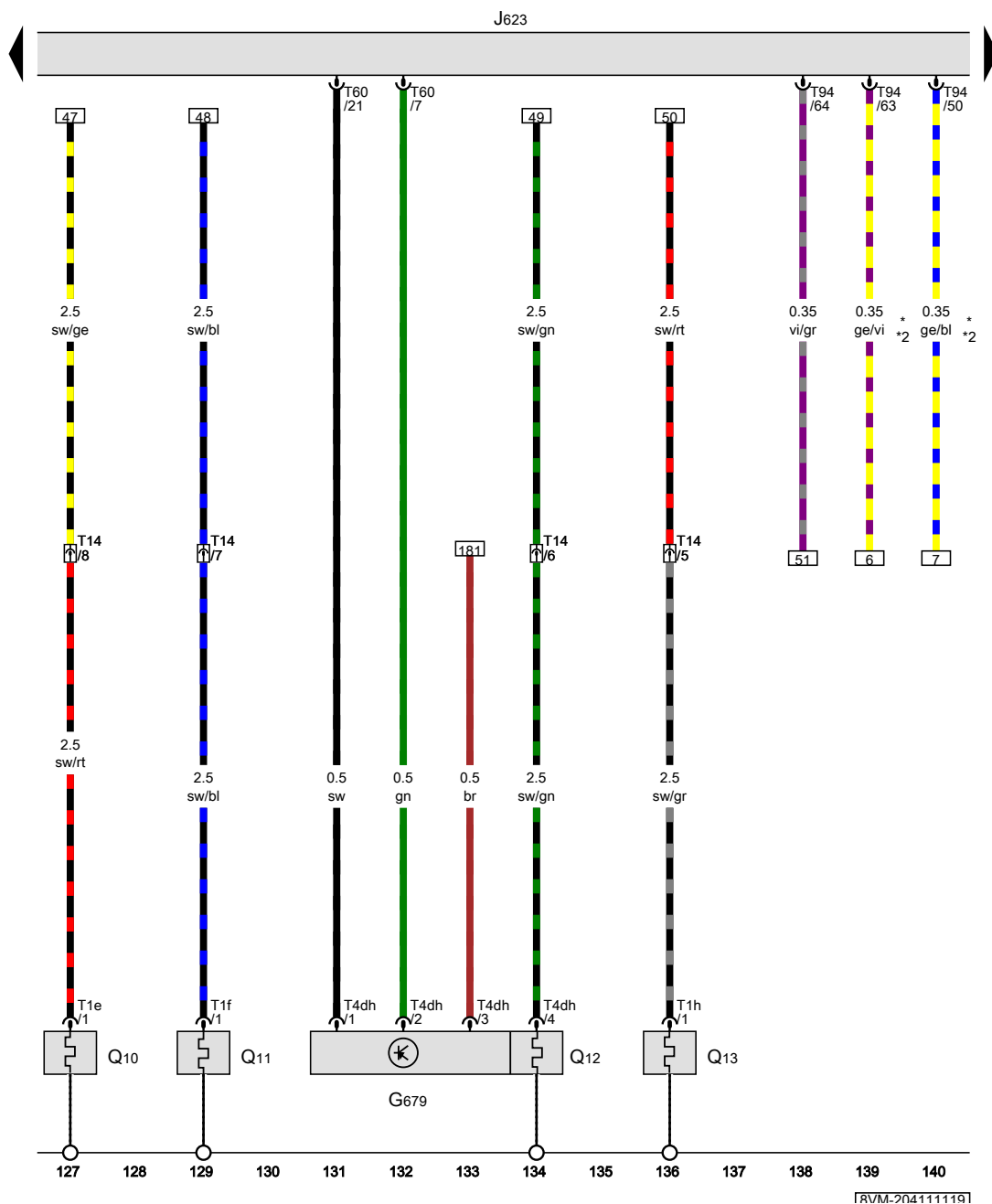
Delivery unit for reducing agent metering system, Reducing agent level sender, Engine/motor control unit, Pump for reducing agent

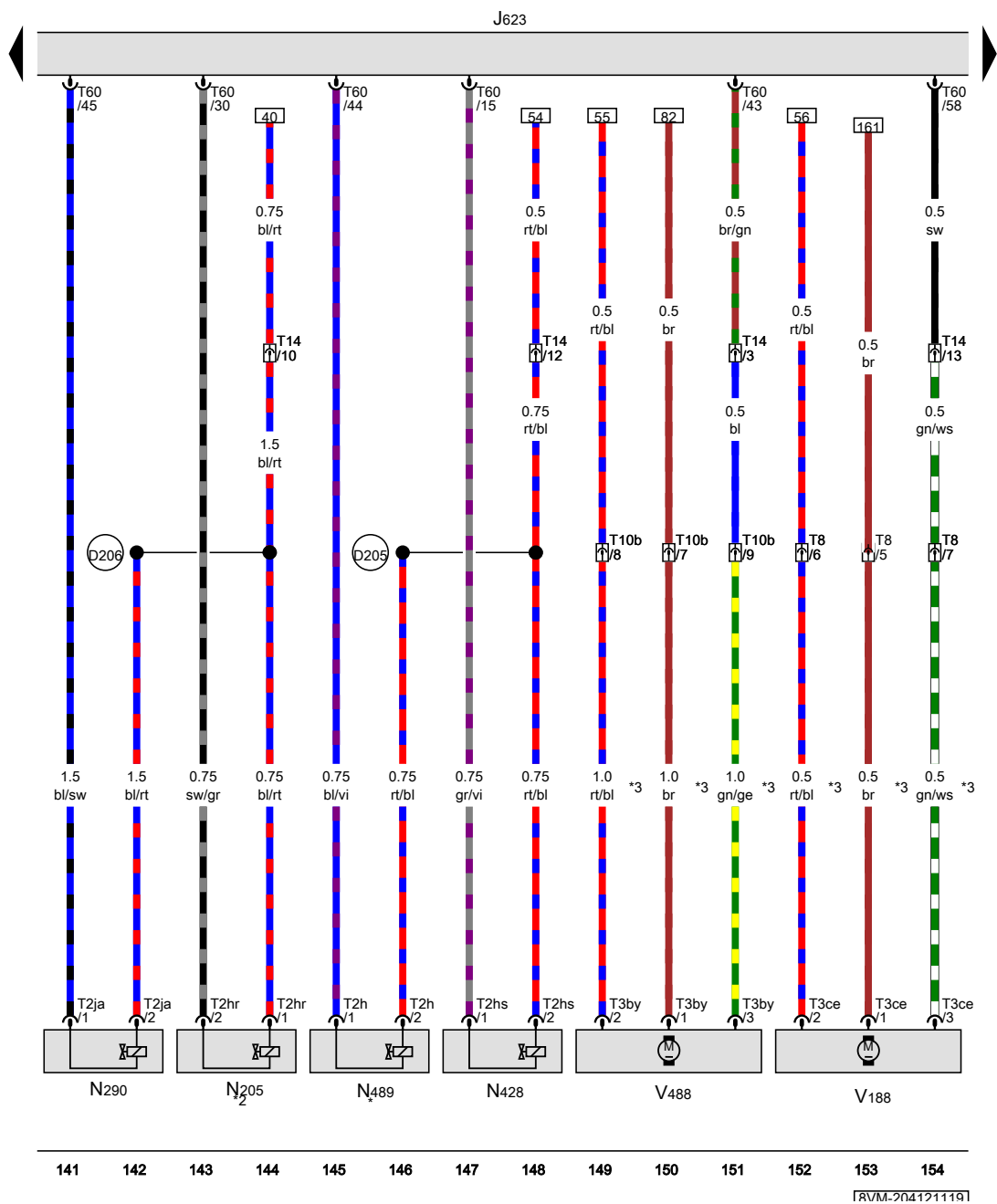
- GX19 Delivery unit for reducing agent metering system
- G685 Temperature sender for reducing agent
- G697 Reducing agent level sender
- G849 Reducing agent quality sensor
- J623 Engine/motor control unit
- T4bm 4-pin connector, black
- T5n 5-pin connector, black
- T6av 6-pin connector, black
- T10ab 10-pin connector, black
- T17c 17-pin connector, on lower section of left A-pillar, red
- T17d 17-pin connector, on lower section of left A-pillar, green
- T94 94-pin connector, black
- V437 Pump for reducing agent
- V561 Reducing agent return flow pump
- Z102 Heater for reducing agent tank (heater circuit 1)

- 51 Earth point, on right in luggage compartment
- 75 Earth point, rear right pillar
- 87 Earth connection 2, in rear wiring harness
- H4 Connection 2 in wiring harness for reducing agent tank
- W58 Connection (87), in rear wiring harness

- * For models with 4 doors
- *2 For models with 5 doors

Engine/motor control unit, Glow plug 1, Glow plug 2, Glow plug 3, Glow plug 4





Engine/motor control unit, Camshaft control valve 1, Fuel metering valve, Valve for oil pressure control, Coolant valve for cylinder head, Charge air cooling pump, Auxiliary pump for heating

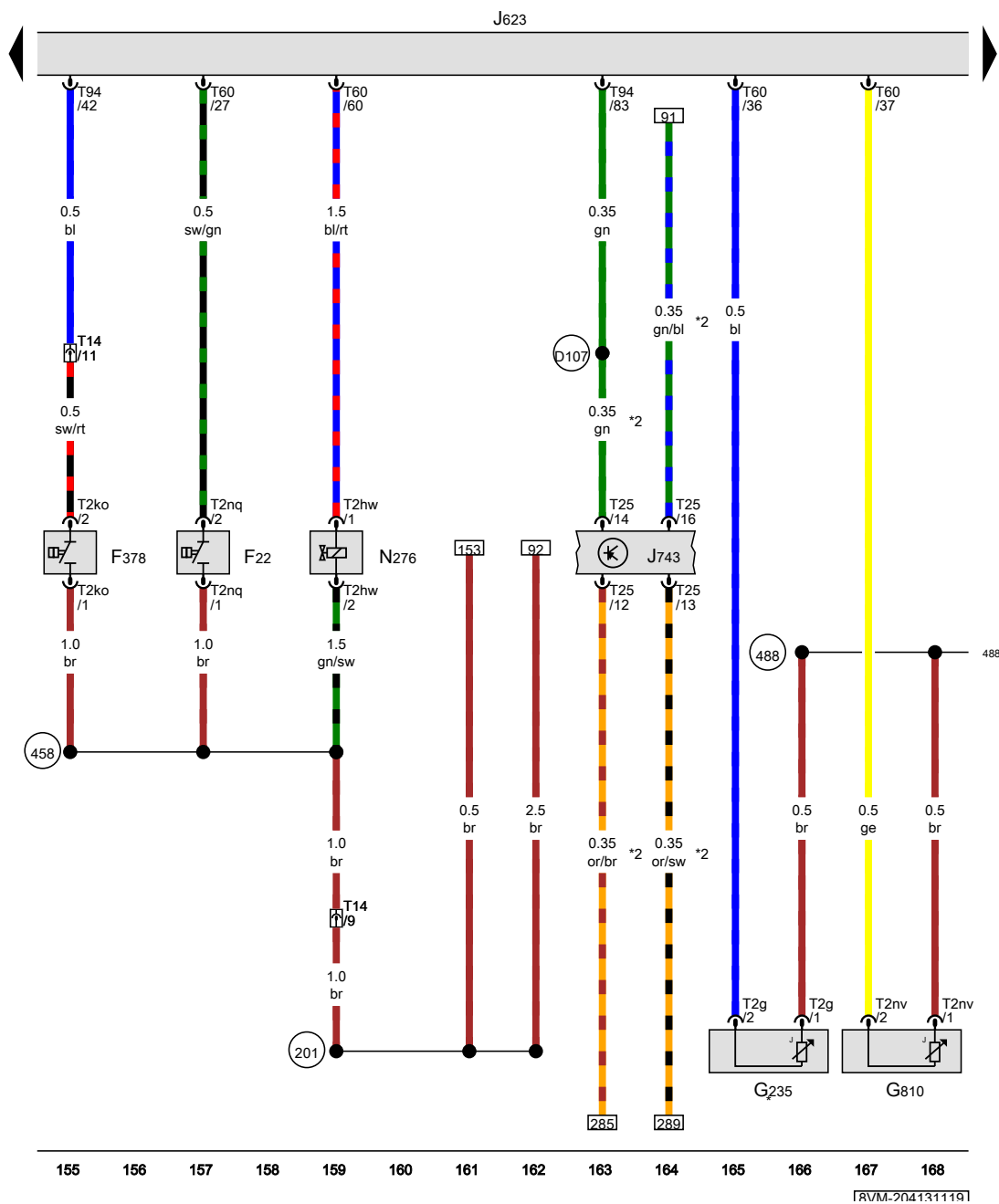
- J623 Engine/motor control unit
- N205 Camshaft control valve 1
- N290 Fuel metering valve
- N428 Valve for oil pressure control
- N489 Coolant valve for cylinder head
- T2h 2-pin connector, black
- T2hr 2-pin connector, black
- T2hs 2-pin connector, black
- T2ja 2-pin connector, black
- T3by 3-pin connector, black
- T3ce 3-pin connector, black
- T8 8-pin connector, black
- T10b 10-pin connector, black
- T14 14-pin connector, grey
- T60 60-pin connector, black
- V188 Charge air cooling pump
- V488 Auxiliary pump for heating

D205 Connection 3 (87a) in engine prewiring harness

D206 Connection 4 (87a) in engine prewiring harness

- * Pre-wired component
- *2 Gradually discontinued
- *3 Wiring colour depends on equipment

- ws = white
- sw = black
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- bl = blue
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- rs = pink



Oil pressure switch, Oil pressure switch for reduced oil pressure, Exhaust gas temperature sender 1, Charge air temperature sender before charge air cooler, Engine/motor control unit, Mechatronic unit for dual clutch gearbox, Fuel pressure regulating valve

- F22 Oil pressure switch
- F378 Oil pressure switch for reduced oil pressure
- G235 Exhaust gas temperature sender 1
- G810 Charge air temperature sender before charge air cooler
- J623 Engine/motor control unit
- J743 Mechatronic unit for dual clutch gearbox
- N276 Fuel pressure regulating valve
- T2g 2-pin connector, black
- T2hw 2-pin connector, black
- T2ko 2-pin connector, black
- T2nq 2-pin connector, red
- T2nv 2-pin connector, black
- T14 14-pin connector, grey
- T25 25-pin connector, black
- T60 60-pin connector, black
- T94 94-pin connector, black

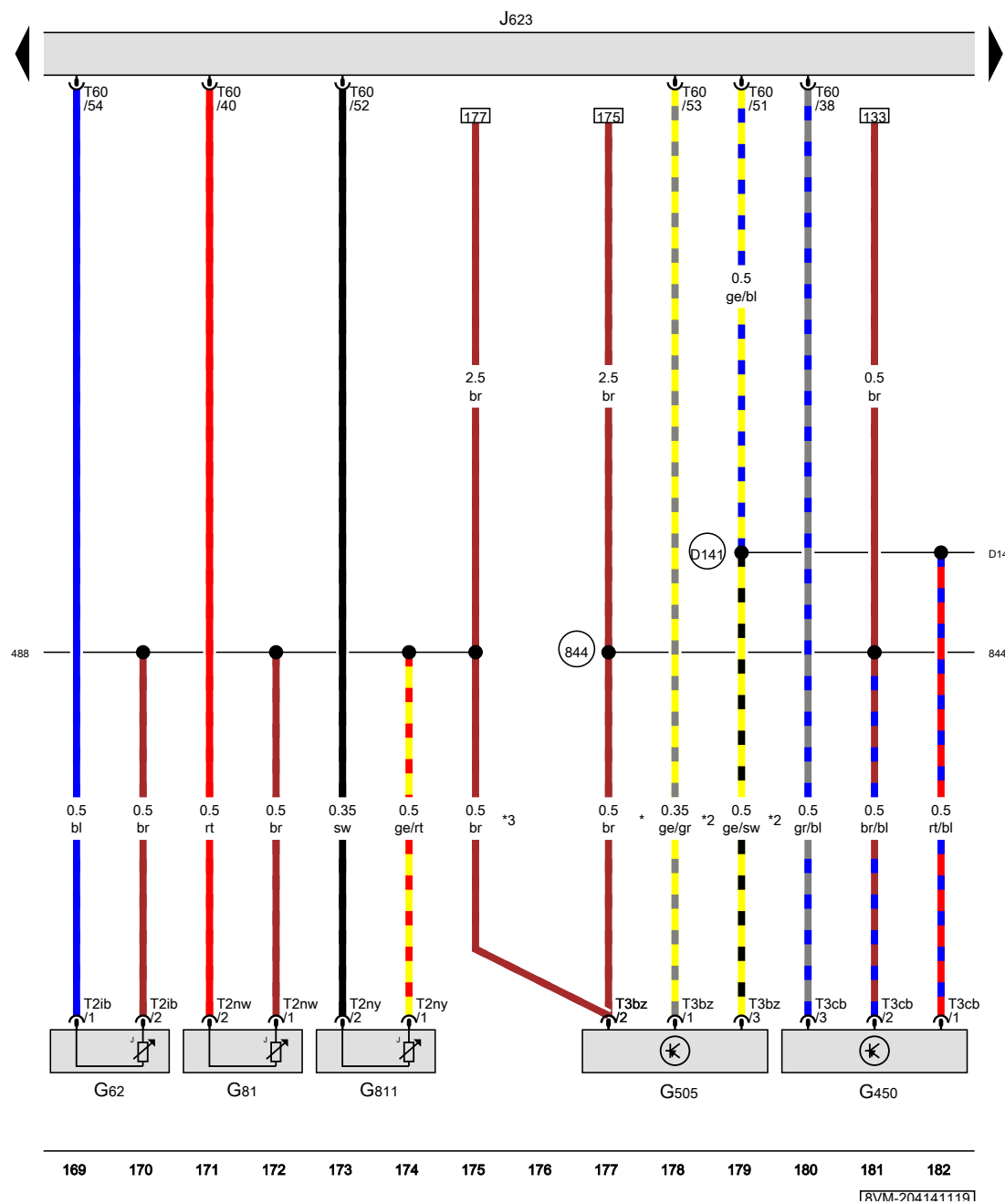
201 Earth connection 5, in engine compartment wiring harness

458 Earth point 3, engine prewiring harness

488 Earth point 6, engine prewiring harness

D107 Connection 5 in engine compartment wiring harness

- * Pre-wired component
- *2 For models with dual clutch gearbox



Coolant temperature sender, Fuel temperature sender, Exhaust gas pressure sensor 1, Pressure differential sender, Charge air temperature sender after charge air cooler, Engine/motor control unit

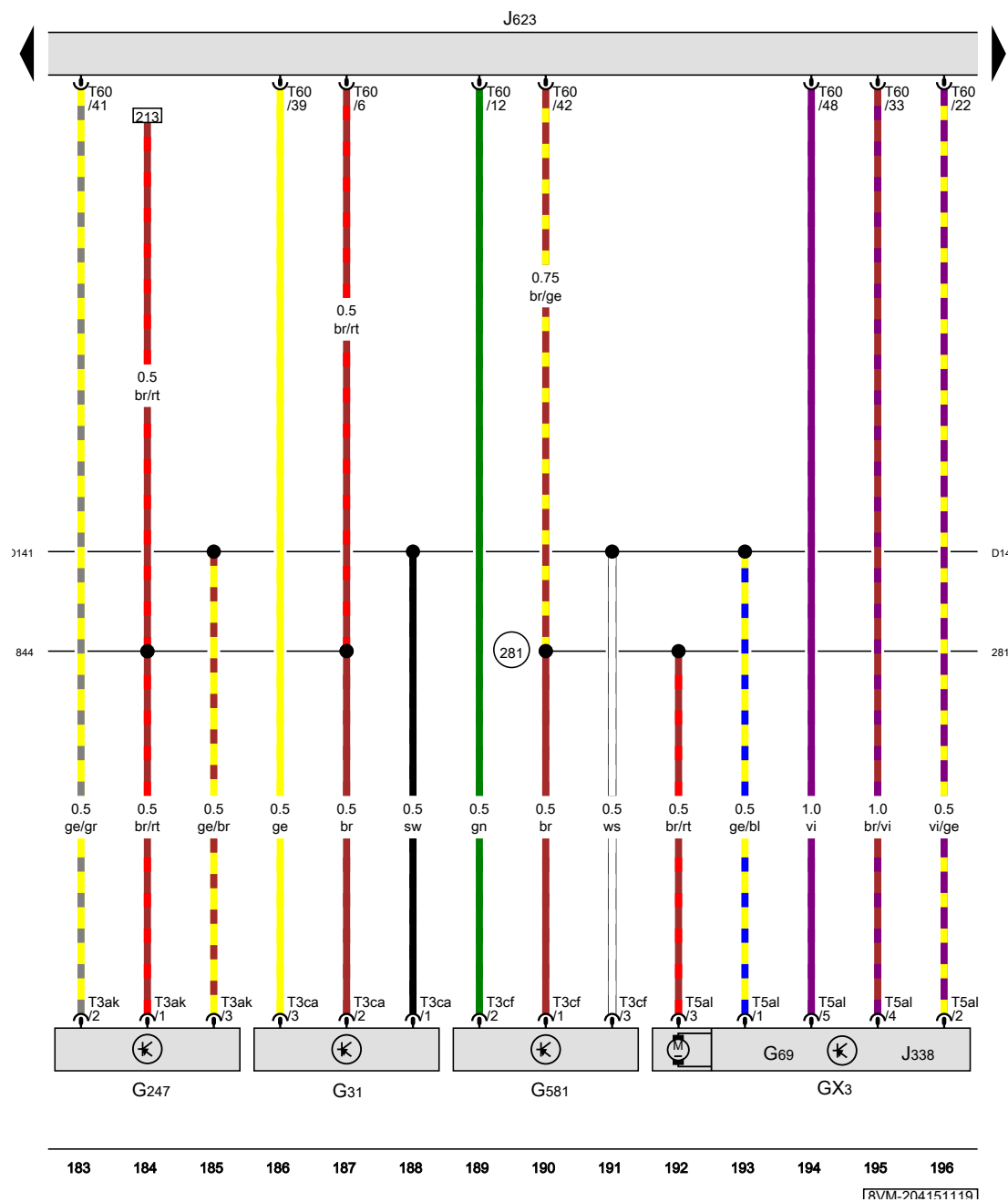
- G62 Coolant temperature sender
- G81 Fuel temperature sender
- G450 Exhaust gas pressure sensor 1
- G505 Pressure differential sender
- G811 Charge air temperature sender after charge air cooler
- J623 Engine/motor control unit
- T2ib 2-pin connector, black
- T2nw 2-pin connector, black
- T2ny 2-pin connector, black
- T3bz 3-pin connector, black
- T3cb 3-pin connector, black
- T60 60-pin connector, black

488 Earth point 6, engine prewiring harness

844 Earth point 7, engine prewiring harness

D141 Connection (5V) in engine prewiring harness

- * Gradually discontinued
- *2 Different wire colour possible
- *3 gradual introduction



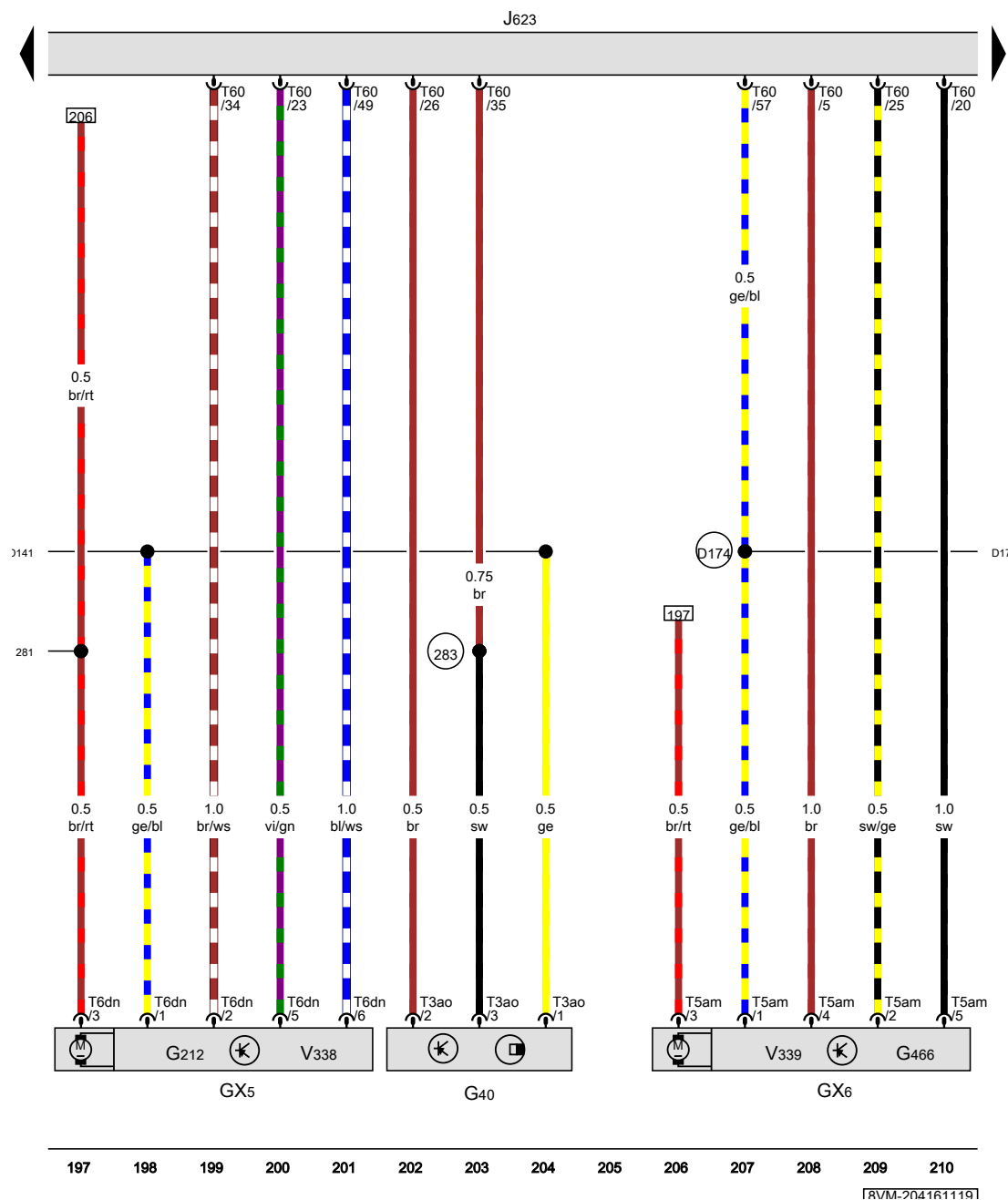
Throttle valve module, Charge pressure sender, Fuel pressure sender, Position sender for charge pressure positioner, Engine/motor control unit

- GX3 Throttle valve module
- G31 Charge pressure sender
- G69 Throttle valve potentiometer
- G247 Fuel pressure sender
- G581 Position sender for charge pressure positioner
- J338 Throttle valve module
- J623 Engine/motor control unit
- T3ak 3-pin connector, black
- T3ca 3-pin connector, black
- T3cf 3-pin connector, black
- T5al 5-pin connector, black
- T60 60-pin connector, black

281 Earth point 1, engine prewiring harness

844 Earth point 7, engine prewiring harness

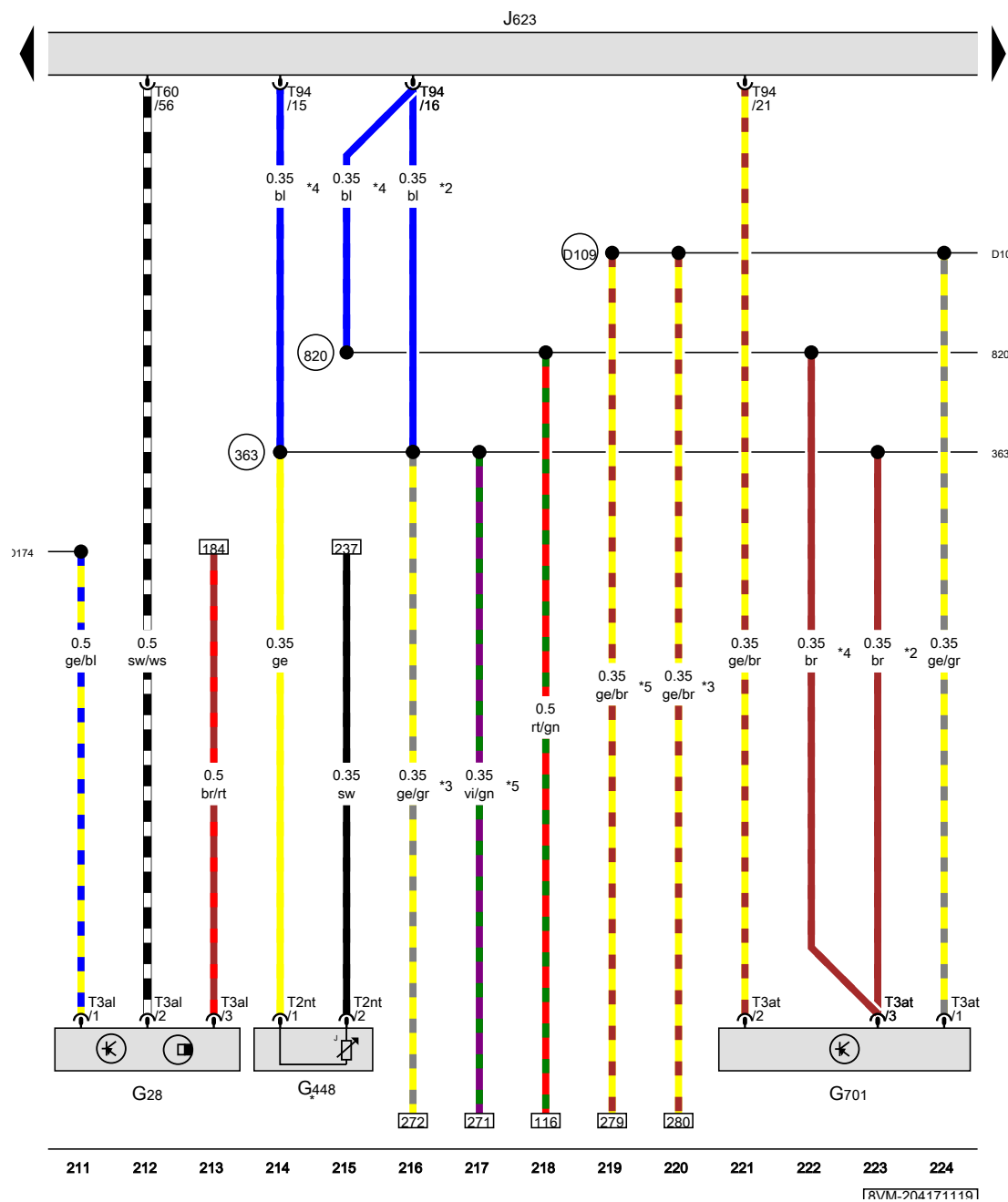
D141 Connection (5V) in engine prewiring harness



Exhaust gas recirculation valve 1, Exhaust gas recirculation valve 2, Hall sender, Engine/motor control unit

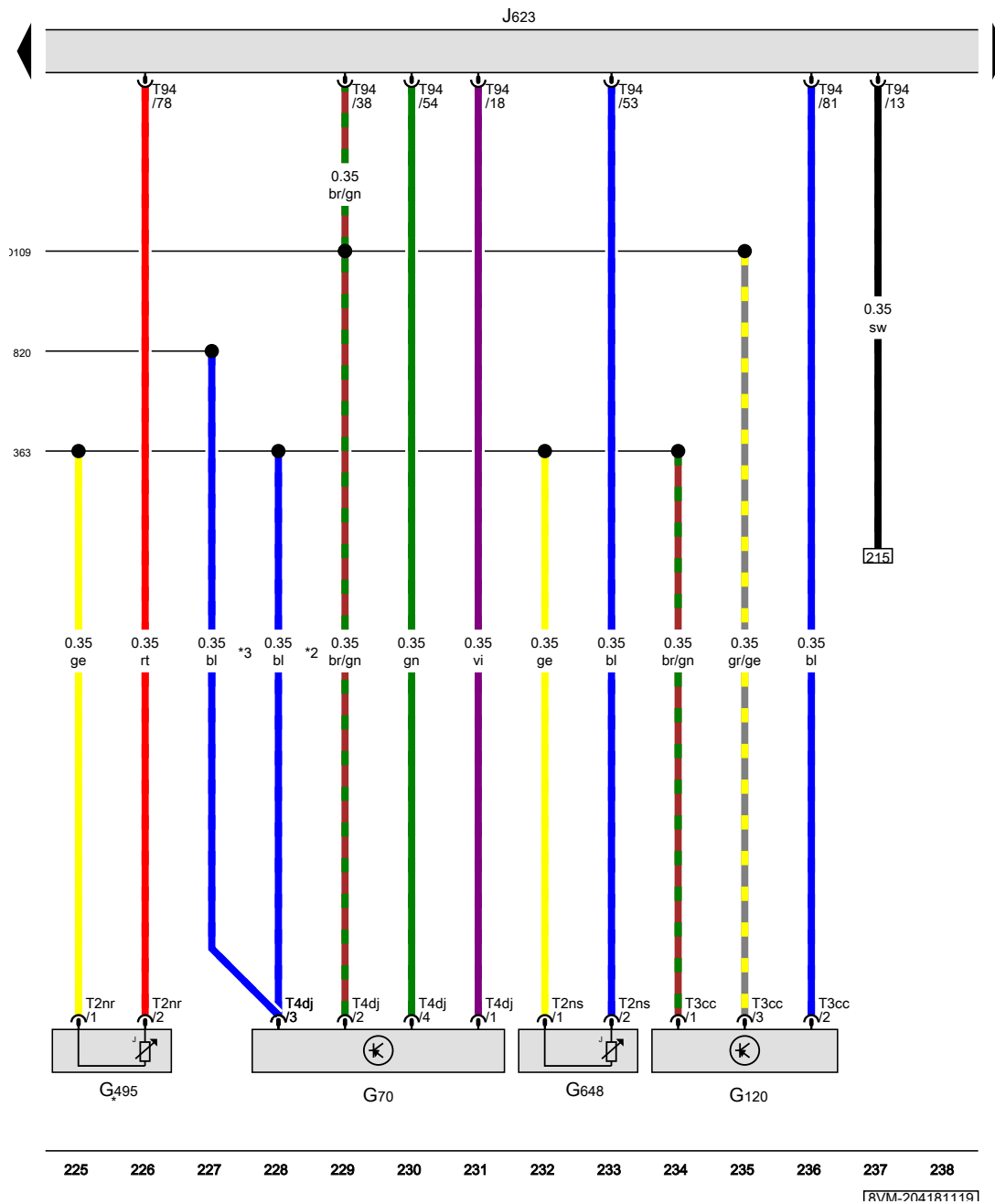
- GX5 Exhaust gas recirculation valve 1
- GX6 Exhaust gas recirculation valve 2
- G40 Hall sender
- G212 Exhaust gas recirculation potentiometer
- G466 Exhaust gas recirculation potentiometer 2
- J623 Engine/motor control unit
- T3ao 3-pin connector, black
- T5am 5-pin connector, black
- T6dn 6-pin connector, grey
- T60 60-pin connector, black
- V338 Exhaust gas recirculation control motor
- V339 Exhaust gas recirculation control motor 2

- 281 Earth point 1, engine prewiring harness
- 283 Earth point 2, engine prewiring harness
- D141 Connection (5V) in engine prewiring harness
- D174 Connection 2 (5V) in engine prewiring harness



Engine speed sender, Exhaust gas temperature sender 2, Gearbox neutral position sender, Engine/motor control unit

- G28 Engine speed sender
- G448 Exhaust gas temperature sender 2
- G701 Gearbox neutral position sender
- J623 Engine/motor control unit
- T2nt 2-pin connector, black
- T3al 3-pin connector, black
- T3at 3-pin connector, black
- T60 60-pin connector, black
- T94 94-pin connector, black
- 363 Earth connection 8, in engine compartment wiring harness
- 820 Earth connection 13, in engine compartment wiring harness
- D109 Connection 7 in engine compartment wiring harness
- D174 Connection 2 (5V) in engine prewiring harness
- * Pre-wired component
- *2 Gradually discontinued
- *3 Up to June 2018
- *4 gradual introduction
- *5 From July 2018

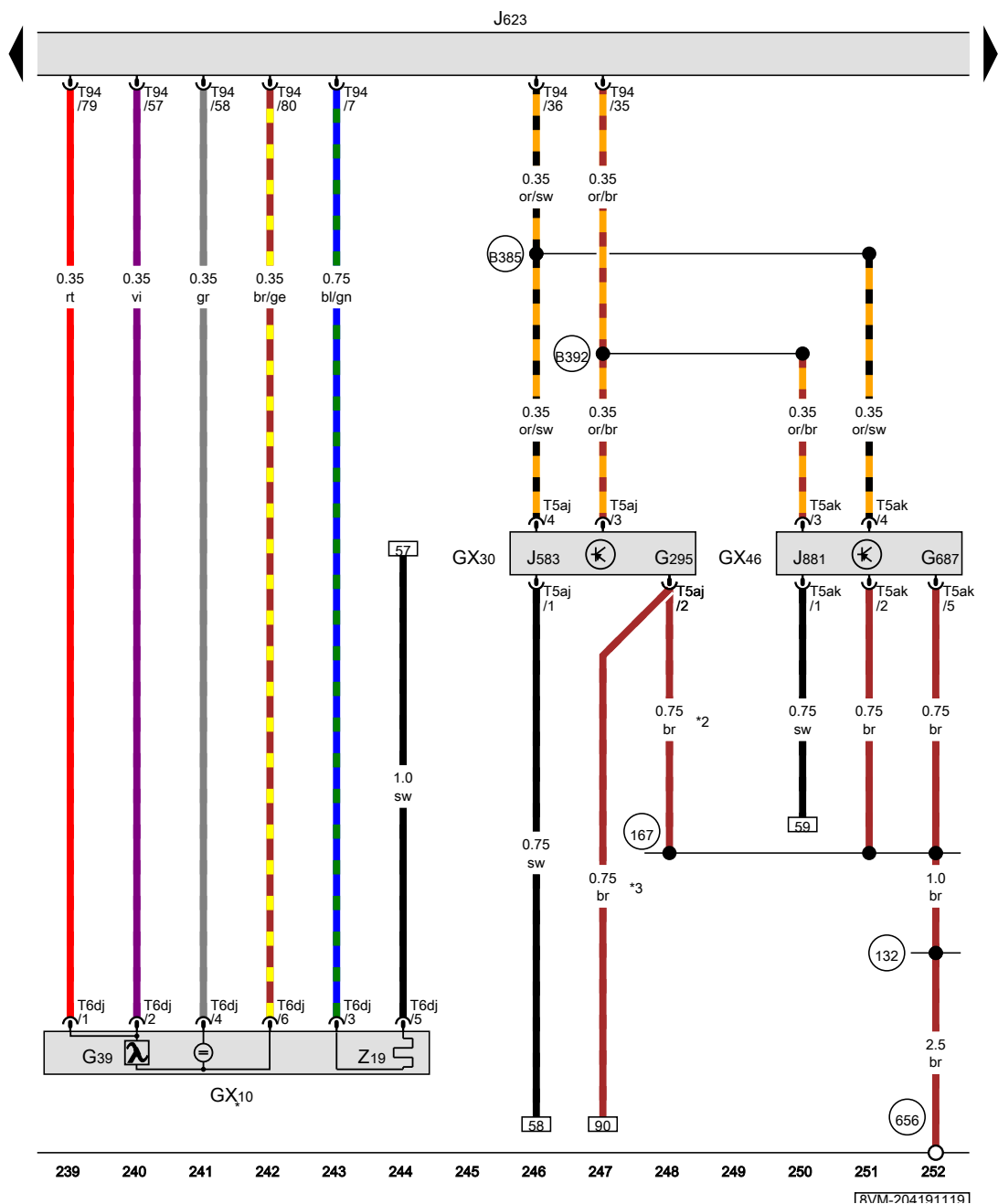


Air mass meter, Water level sender, Exhaust gas temperature sender 3, Exhaust gas temperature sender 4, Engine/motor control unit

- G70 Air mass meter
- G120 Water level sender
- G495 Exhaust gas temperature sender 3
- G648 Exhaust gas temperature sender 4
- J623 Engine/motor control unit
- T2nr 2-pin connector, black
- T2ns 2-pin connector, colourless
- T3cc 3-pin connector, black
- T4dj 4-pin connector, black
- T94 94-pin connector, black

- 363 Earth connection 8, in engine compartment wiring harness
- 820 Earth connection 13, in engine compartment wiring harness
- D109 Connection 7 in engine compartment wiring harness
- * Pre-wired component
- *2 Gradually discontinued
- *3 gradual introduction

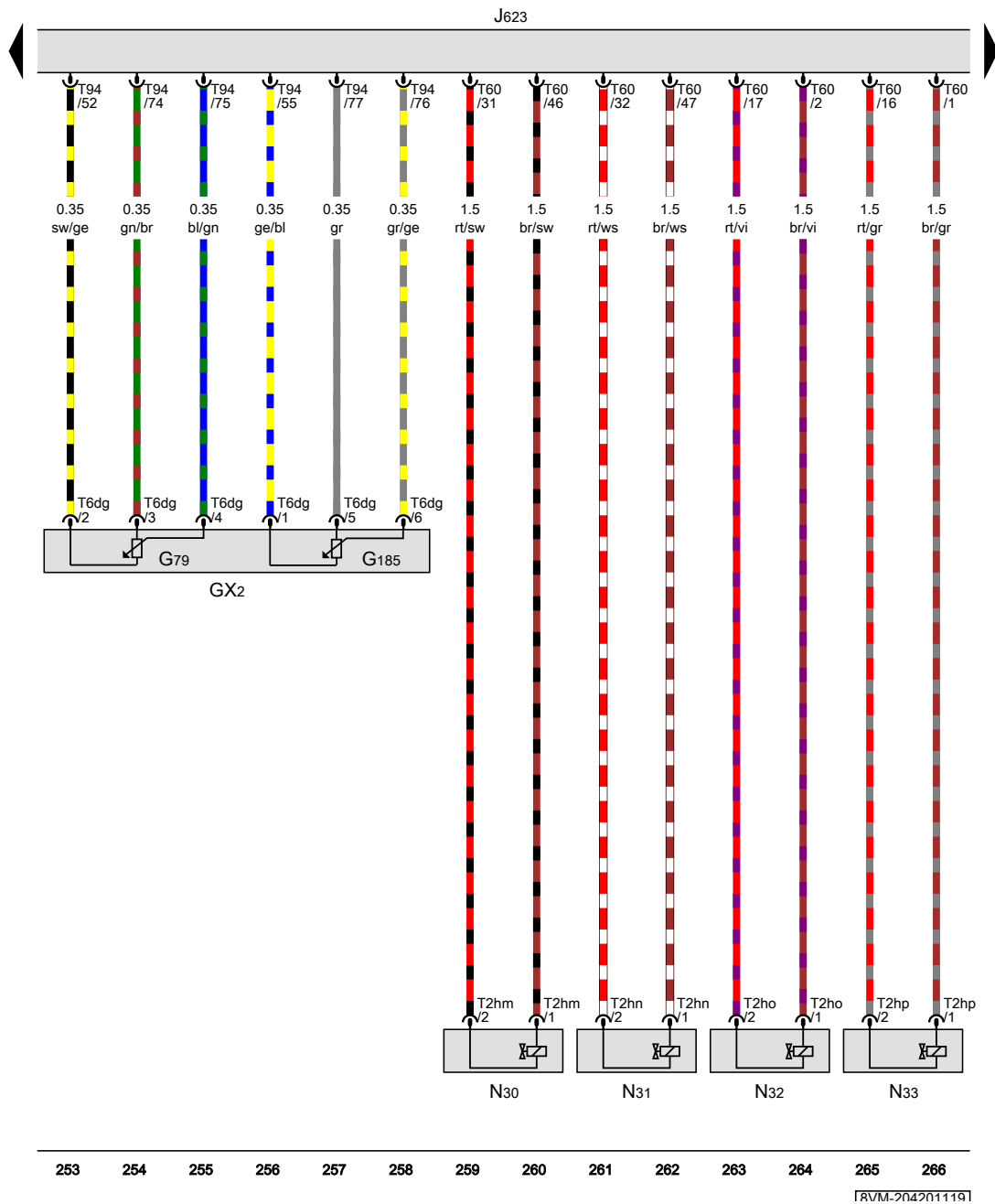
ws = white
 sw = black
 ro = red
 rt = red
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 gn = green
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Lambda probe 1 before catalytic converter, Control unit for NOx sender, Control unit 2 for NOx sender, Engine/motor control unit

- GX10 Lambda probe 1 before catalytic converter
- GX30 Control unit for NOx sender
- G39 Lambda probe
- GX46 Control unit 2 for NOx sender
- G295 NOx sender
- G687 NOx sender 2
- J583 Control unit for NOx sender
- J623 Engine/motor control unit
- J881 Control unit for NOx sender 2
- T5aj 5-pin connector, black
- T5ak 5-pin connector, black
- T6dj 6-pin connector, black
- T94 94-pin connector, black
- Z19 Lambda probe heater

- 132 Earth connection 3, in engine compartment wiring harness
- 167 Earth connection 4, in engine compartment wiring harness
- 656 Earth point, on right headlight
- B385 Connection 3 (powertrain CAN bus, high), in main wiring harness
- B392 Connection 3 (powertrain CAN bus, low), in main wiring harness
- * Pre-wired component
- *2 For left-hand drive models
- *3 For right-hand drive models



Accelerator pedal module, Engine/motor control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

- GX2 Accelerator pedal module
- G79 Accelerator position sender
- G185 Accelerator position sender 2
- J623 Engine/motor control unit
- N30 Injector, cylinder 1
- N31 Injector, cylinder 2
- N32 Injector, cylinder 3
- N33 Injector, cylinder 4
- T2hm 2-pin connector, black
- T2hn 2-pin connector, black
- T2ho 2-pin connector, black
- T2hp 2-pin connector, black
- T6dg 6-pin connector, black
- T60 60-pin connector, black
- T94 94-pin connector, black

Engine/motor control unit, Exhaust flap control unit

J623 Engine/motor control unit
 J883 Exhaust flap control unit
 T5i 5-pin connector, black
 T5p 5-pin connector, black
 T94 94-pin connector, black

209 Earth connection 6, in engine compartment wiring harness

671 Earth point 1, on front of left longitudinal member

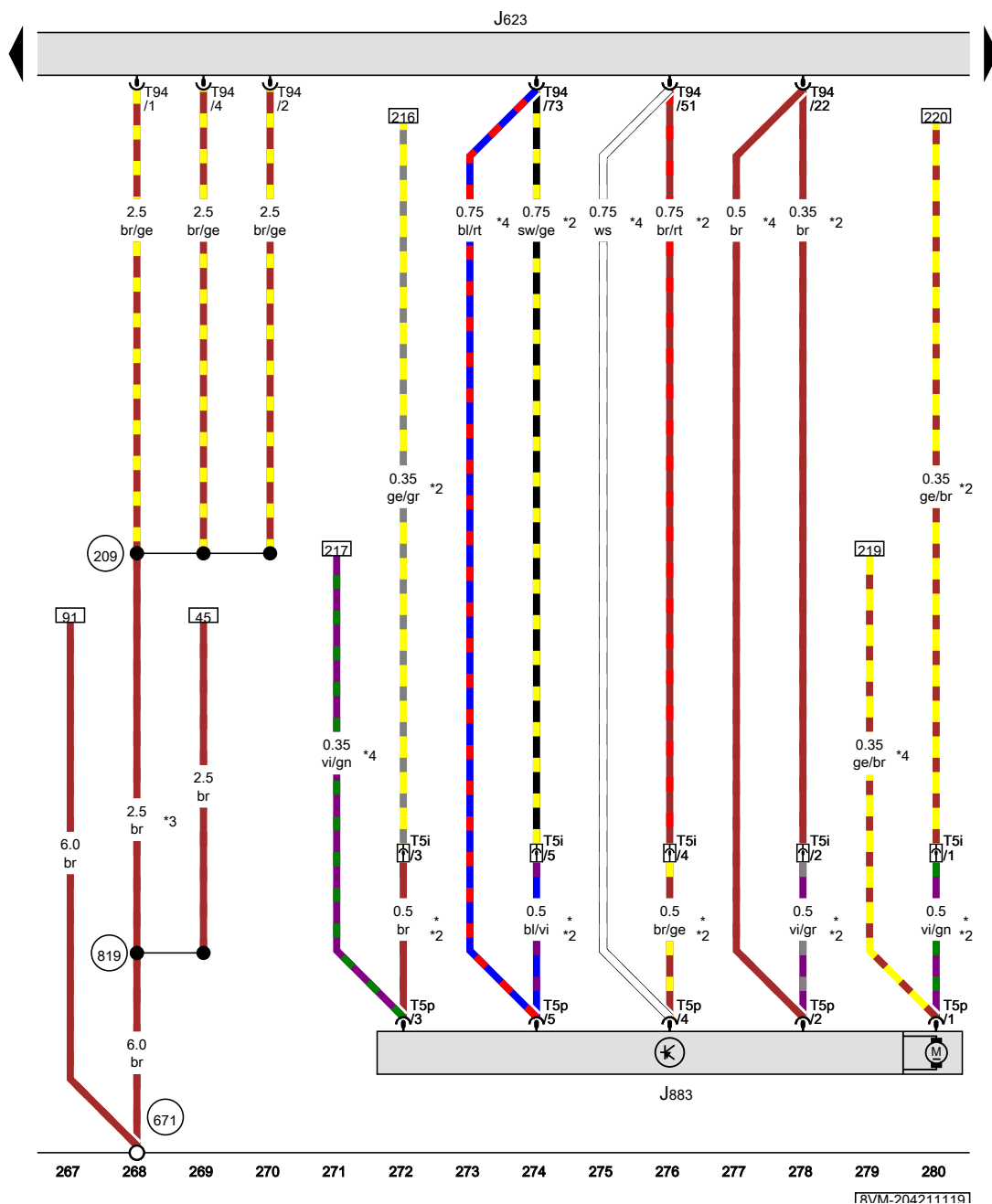
819 Earth connection 12, in engine compartment wiring harness

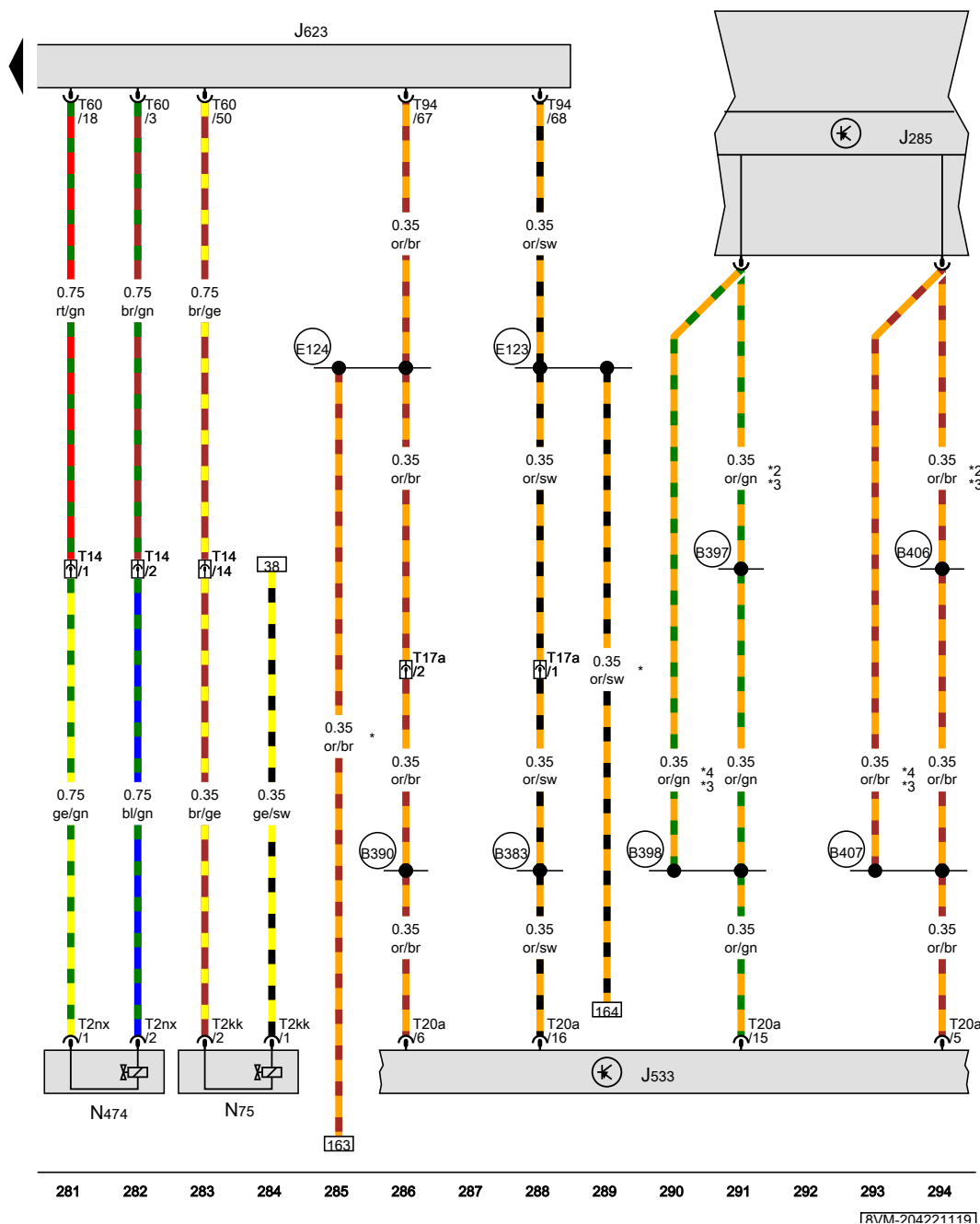
* Wiring colour depends on equipment

*2 Up to June 2018

*3 Different wire colour possible

*4 From July 2018





Control unit in dash panel insert, Data bus diagnostic interface, Engine/motor control unit, Charge pressure control solenoid valve, Injector for reducing agent

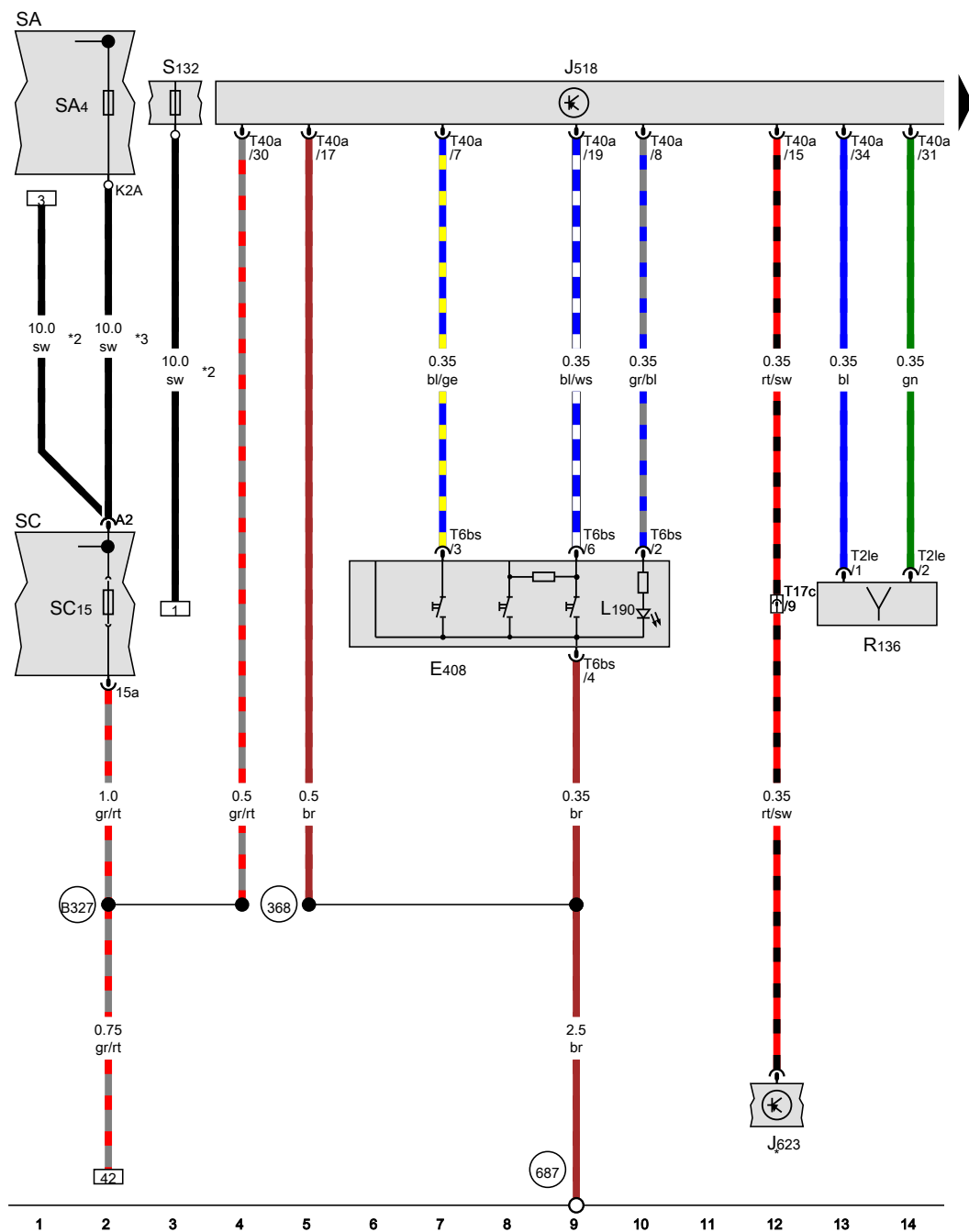
- J285 Control unit in dash panel insert
- J533 Data bus diagnostic interface
- J623 Engine/motor control unit
- N75 Charge pressure control solenoid valve
- N474 Injector for reducing agent
- T2kk 2-pin connector, black
- T2nx 2-pin connector, brown
- T14 14-pin connector, grey
- T17a 17-pin connector, black
- T20a 20-pin connector, red
- T60 60-pin connector, black
- T94 94-pin connector, black

- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness
- E123 Connection 1 (powertrain CAN bus, high), in engine wiring harness
- E124 Connection 1 (powertrain CAN bus, low), in engine wiring harness
- * For models with dual clutch gearbox
- *2 For left-hand drive models
- *3 see applicable current flow diagram for dash panel insert
- *4 For right-hand drive models

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Entry and start authorisation , (L0L)

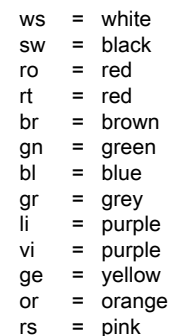
From July 2018



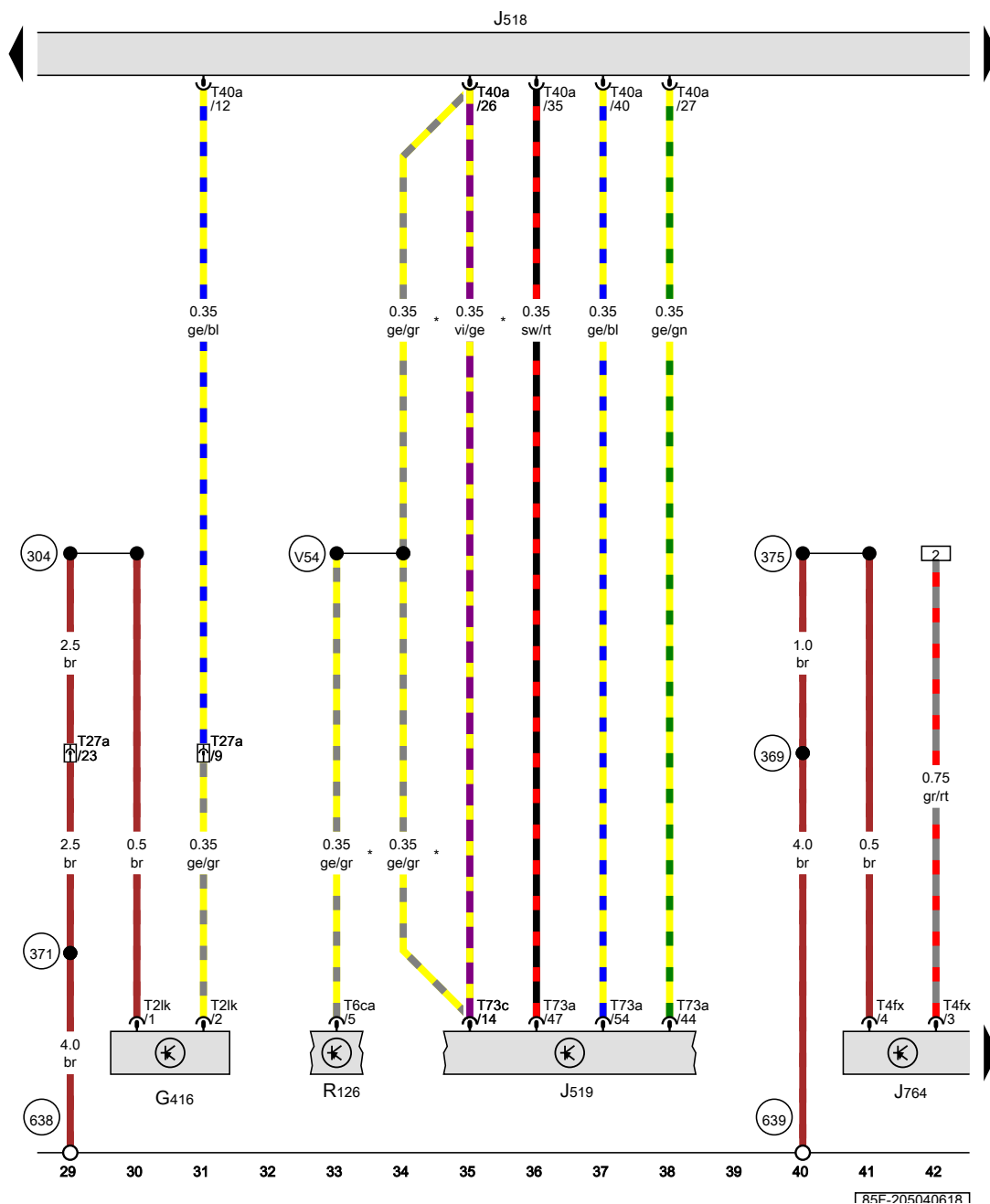
Entry and start authorisation button, Entry and start authorisation control unit, Rear bumper aerial for entry and start system, Fuse 4 on fuse holder A, Fuse holder C

- E408 Entry and start authorisation button
- J518 Entry and start authorisation control unit
- J623 Engine/motor control unit
- L190 Ignition and starter button illumination bulb
- R136 Rear bumper aerial for entry and start system
- SA Fuse holder A
- SC15 Fuse 15 on fuse holder C
- S132 Fuse 2
- SA Fuse holder A
- SC Fuse holder C
- T2le 2-pin connector, colourless
- T6bs 6-pin connector, black
- T17c 17-pin connector, on lower section of left A-pillar, red
- T40a 40-pin connector, black
- 368 Earth connection 3, in main wiring harness
- 687 Earth point 1, on centre tunnel
- B327 Positive connection 13 (30a) in main wiring harness
- * see applicable current flow diagram for engine
- *2 For RS 3 models
- *3 Not for RS 3 models

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
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 rs = pink



* For Cabriolet models



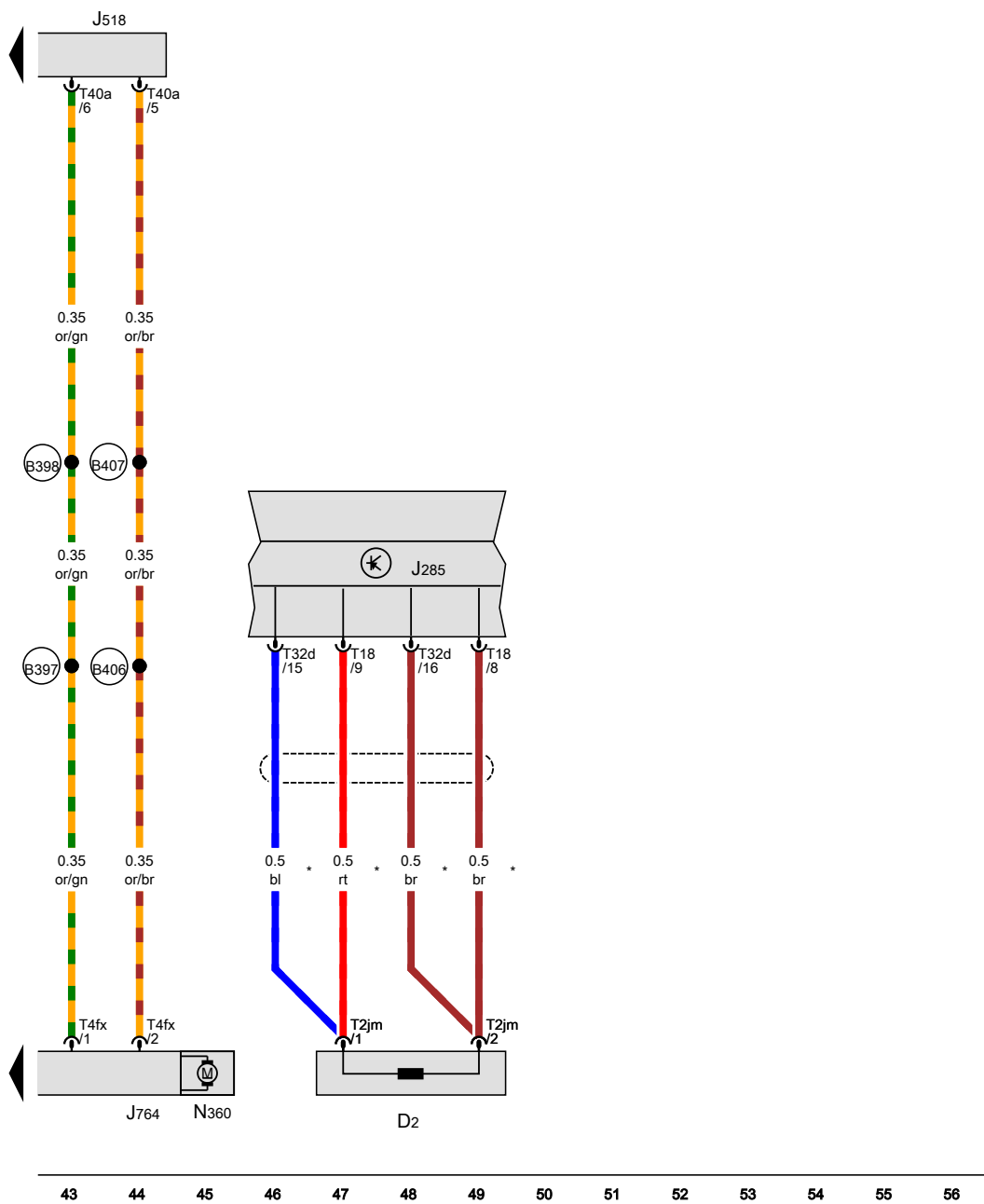
Front passenger exterior door handle contact sensor, Entry and start authorisation control unit, Onboard supply control unit, Control unit for electronic steering column lock

- G416 Front passenger exterior door handle contact sensor
- J518 Entry and start authorisation control unit
- J519 Onboard supply control unit
- J764 Control unit for electronic steering column lock
- R126 Telephone bracket
- T21k 2-pin connector, black
- T4fx 4-pin connector, black
- T6ca 6-pin connector, black
- T27a 27-pin connector, on right A-pillar, black
- T40a 40-pin connector, black
- T73a 73-pin connector, black
- T73c 73-pin connector, black

- 304 Earth connection 3, in front passenger side door wiring harness
- 369 Earth connection 4, in main wiring harness
- 371 Earth connection 6, in main wiring harness
- 375 Earth connection 10, in main wiring harness
- 638 Earth point, on right A-pillar
- 639 Earth point, left A-pillar
- V54 Connection 1 (telephone), in main wiring harness

* According to equipment

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



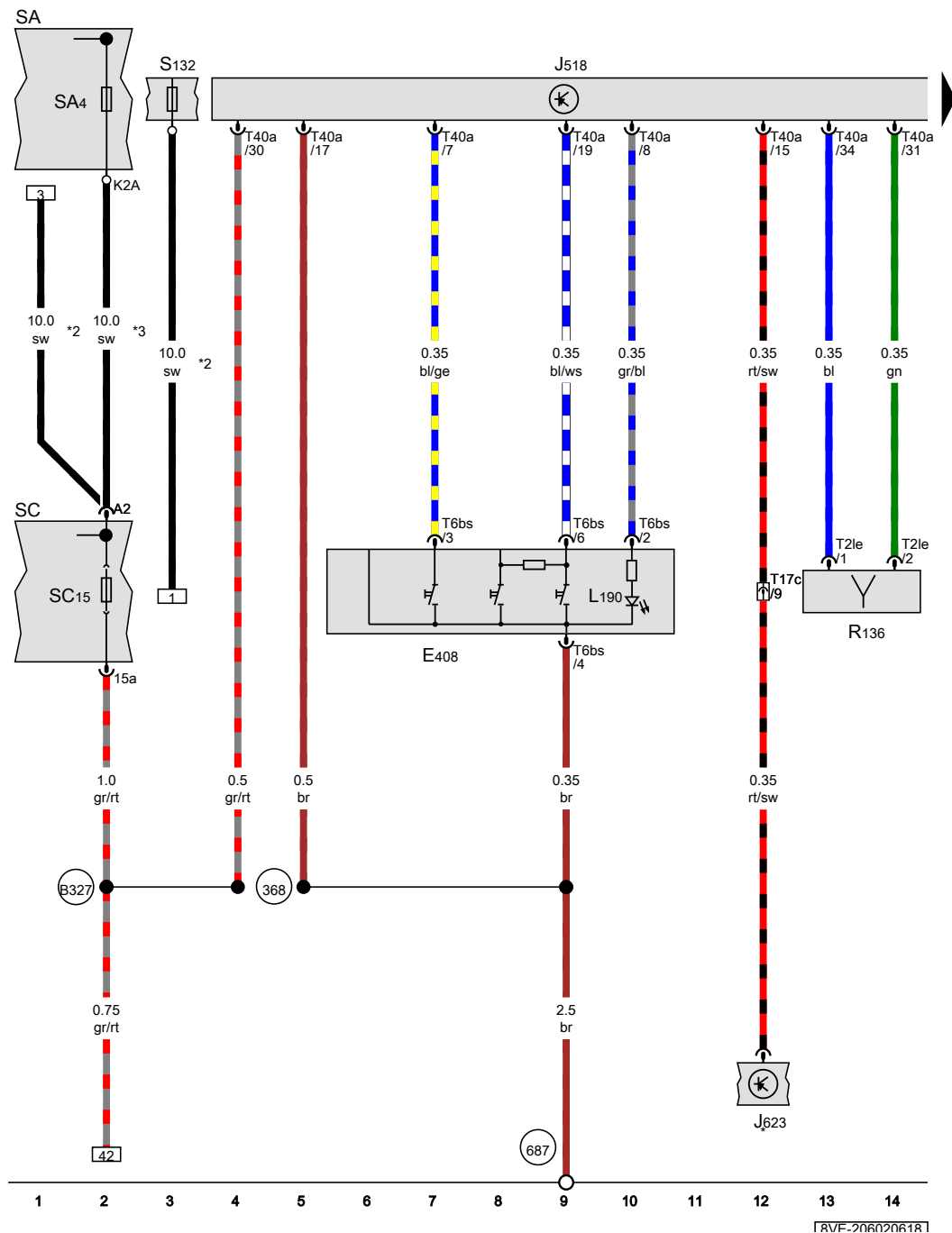
Immobiliser reader coil, Control unit in dash panel insert, Entry and start authorisation control unit, Control unit for electronic steering column lock

- D2 Immobiliser reader coil
- J285 Control unit in dash panel insert
- J518 Entry and start authorisation control unit
- J764 Control unit for electronic steering column lock
- N360 Steering column lock control element
- T2jm 2-pin connector, black
- T4fx 4-pin connector, black
- T18 18-pin connector, black
- T32d 32-pin connector, grey
- T40a 40-pin connector, black
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness
- * According to equipment

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Entry and start authorisation , (L0R)

From July 2018

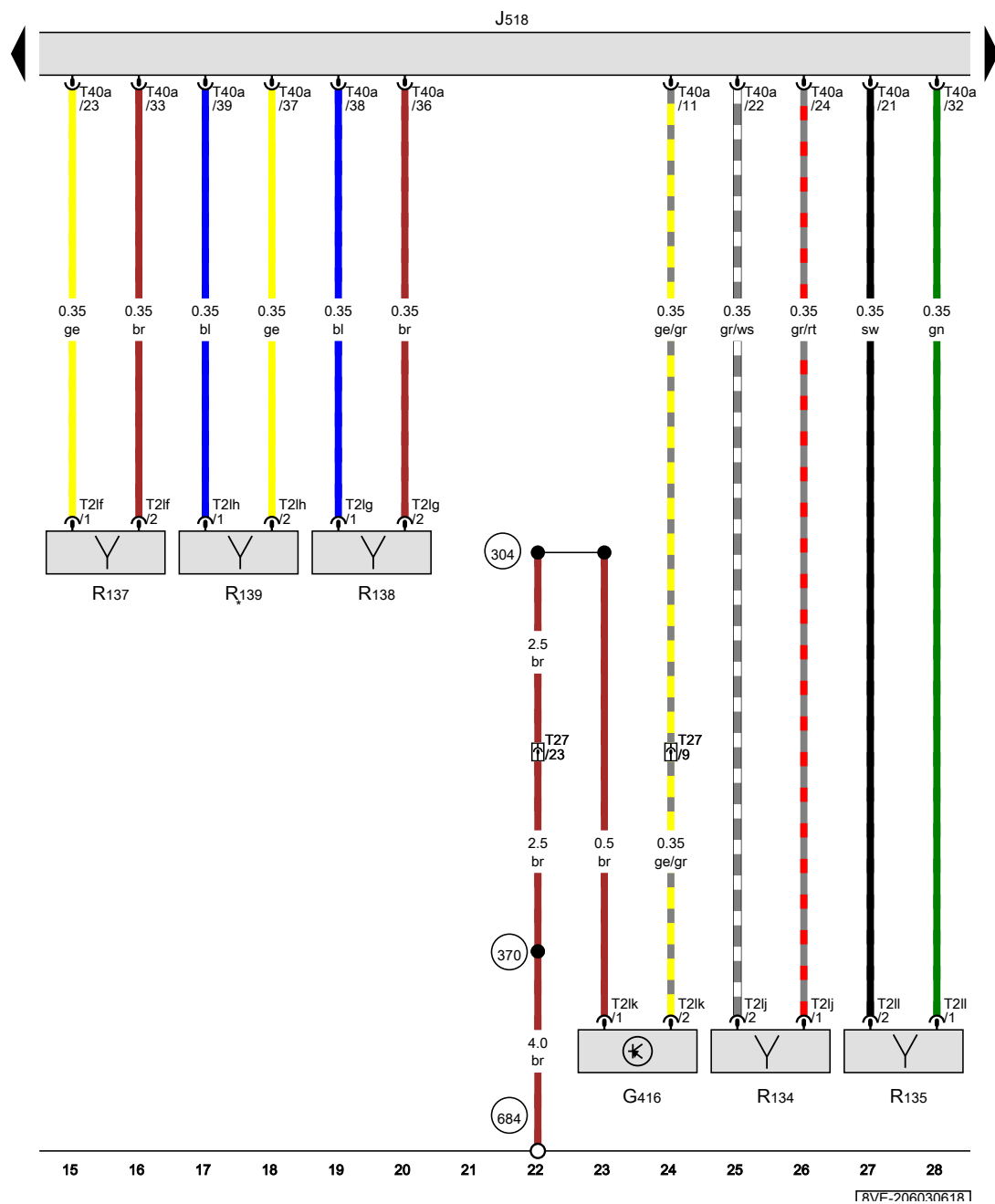


Entry and start authorisation button, Entry and start authorisation control unit, Rear bumper aerial for entry and start system, Fuse 4 on fuse holder A, Fuse holder C

- E408 Entry and start authorisation button
- J518 Entry and start authorisation control unit
- J623 Engine/motor control unit
- L190 Ignition and starter button illumination bulb
- R136 Rear bumper aerial for entry and start system
- SA Fuse holder A
- SC15 Fuse 15 on fuse holder C
- S132 Fuse 2
- SA Fuse holder A
- SC Fuse holder C
- T2le 2-pin connector, colourless
- T6bs 6-pin connector, black
- T17c 17-pin connector, on lower section of left A-pillar, red
- T40a 40-pin connector, black

- 368 Earth connection 3, in main wiring harness
- 687 Earth point 1, on centre tunnel
- B327 Positive connection 13 (30a) in main wiring harness
- * see applicable current flow diagram for engine
- *2 For RS 3 models
- *3 Not for RS 3 models

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

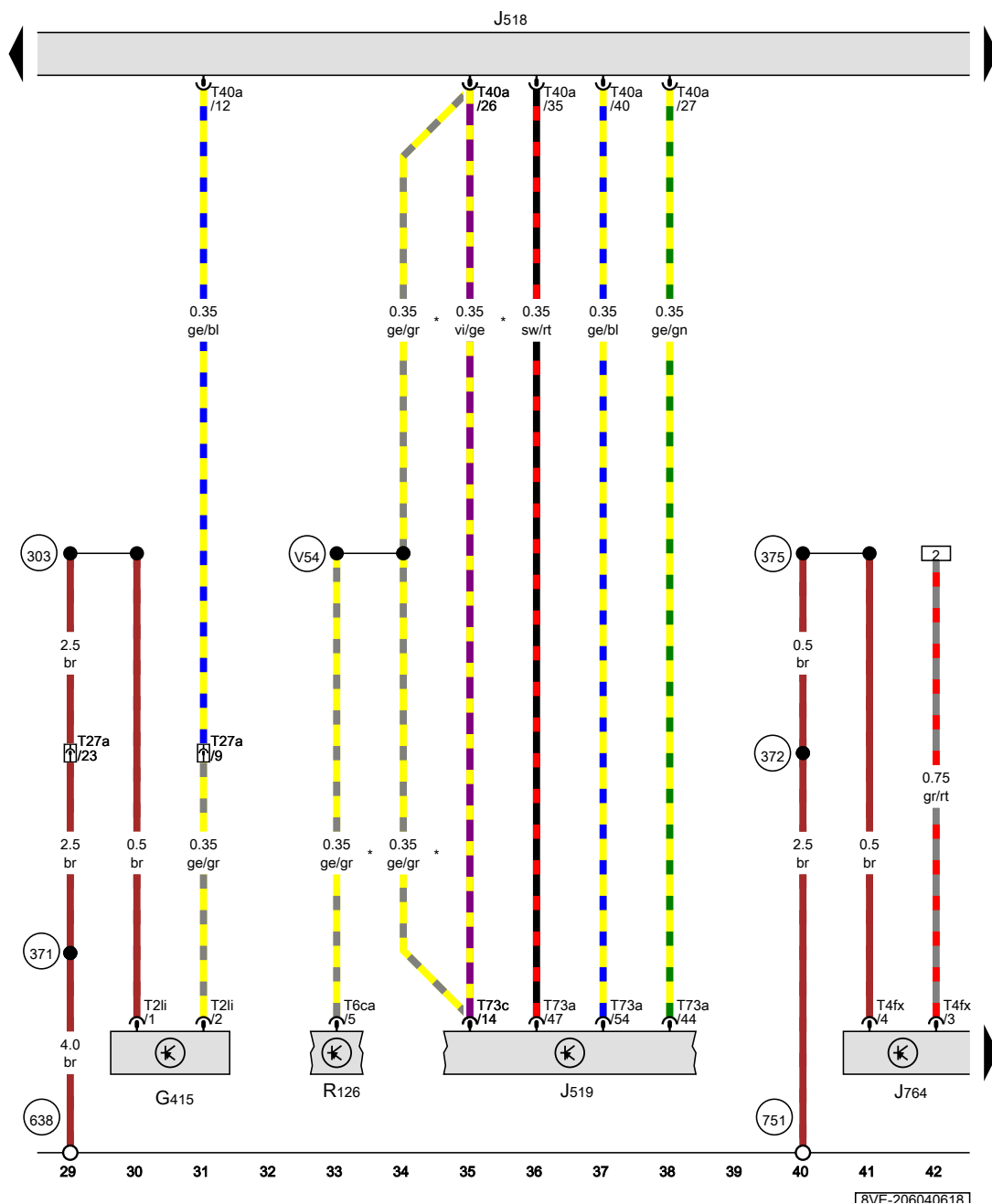


Front passenger exterior door handle contact sensor, Entry and start authorisation control unit, Driver side aerial for entry and start system, Passenger side aerial for entry and start system, Luggage compartment aerial for entry and start system, Interior aerial 1 for entry and start system, Interior aerial 2 for entry and start system

- G416 Front passenger exterior door handle contact sensor
- J518 Entry and start authorisation control unit
- R134 Driver side aerial for entry and start system
- R135 Passenger side aerial for entry and start system
- R137 Luggage compartment aerial for entry and start system
- R138 Interior aerial 1 for entry and start system
- R139 Interior aerial 2 for entry and start system
- T2lf 2-pin connector, black
- T2lg 2-pin connector, brown
- T2lh 2-pin connector, black
- T2lj 2-pin connector, colourless
- T2lk 2-pin connector, black
- T2ll 2-pin connector, colourless
- T27 27-pin connector, on left A-pillar, black
- T40a 40-pin connector, black

- 304 Earth connection 3, in front passenger side door wiring harness
- 370 Earth connection 5, in main wiring harness
- 684 Earth point on front of left side member
- * For Cabriolet models

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- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

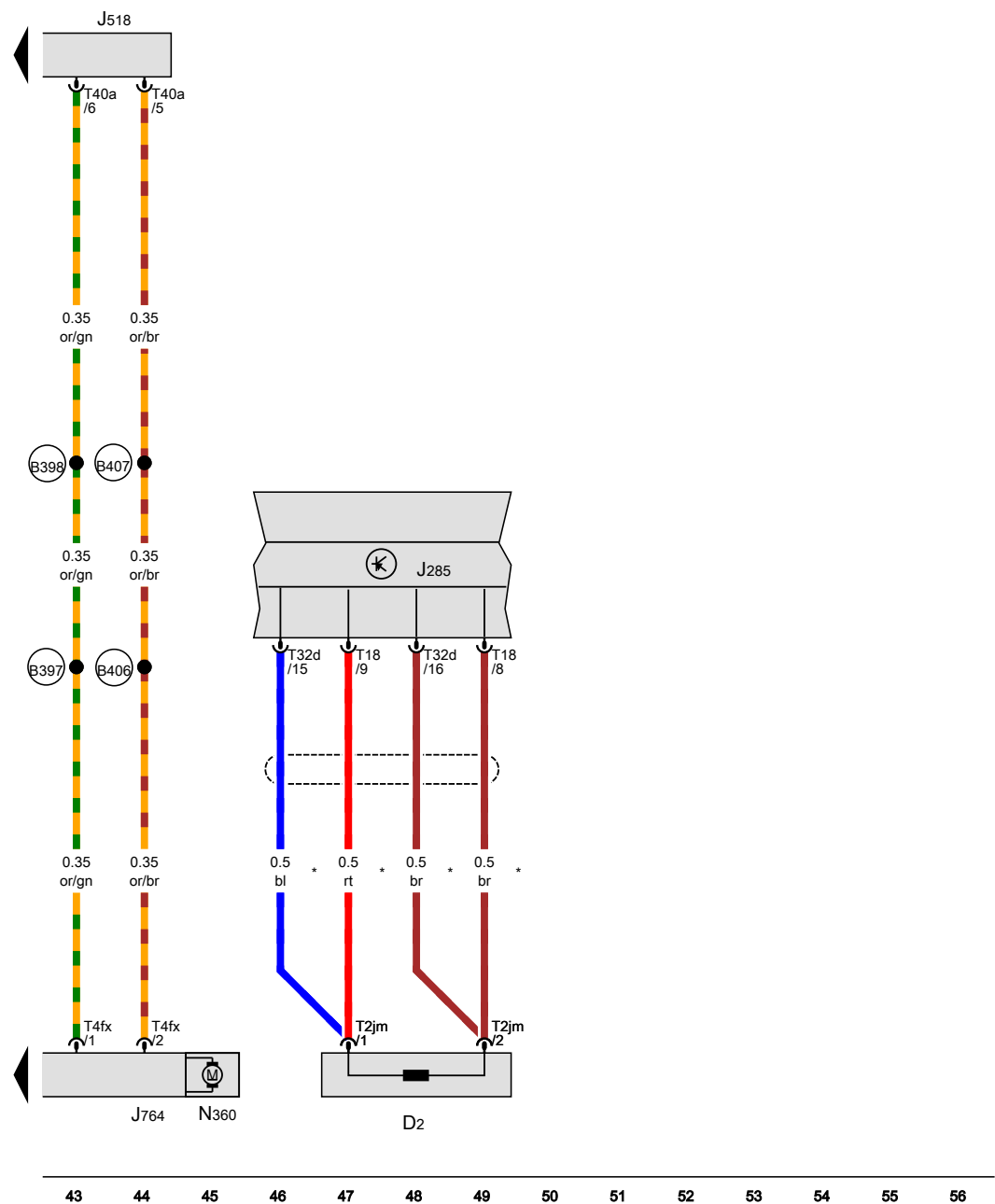


Driver exterior door handle contact sensor, Entry and start authorisation control unit, Onboard supply control unit, Control unit for electronic steering column lock

- G415 Driver exterior door handle contact sensor
- J518 Entry and start authorisation control unit
- J519 Onboard supply control unit
- J764 Control unit for electronic steering column lock
- R126 Telephone bracket
- T2li 2-pin connector, black
- T4fx 4-pin connector, black
- T6ca 6-pin connector, black
- T27a 27-pin connector, on right A-pillar, black
- T40a 40-pin connector, black
- T73a 73-pin connector, black
- T73c 73-pin connector, black

- 303 Earth connection 3, in drive side door wiring harness
- 371 Earth connection 6, in main wiring harness
- 372 Earth connection 7, in main wiring harness
- 375 Earth connection 10, in main wiring harness
- 638 Earth point, on right A-pillar
- 751 Earth point 2, on right A-pillar
- V54 Connection 1 (telephone), in main wiring harness

* According to equipment



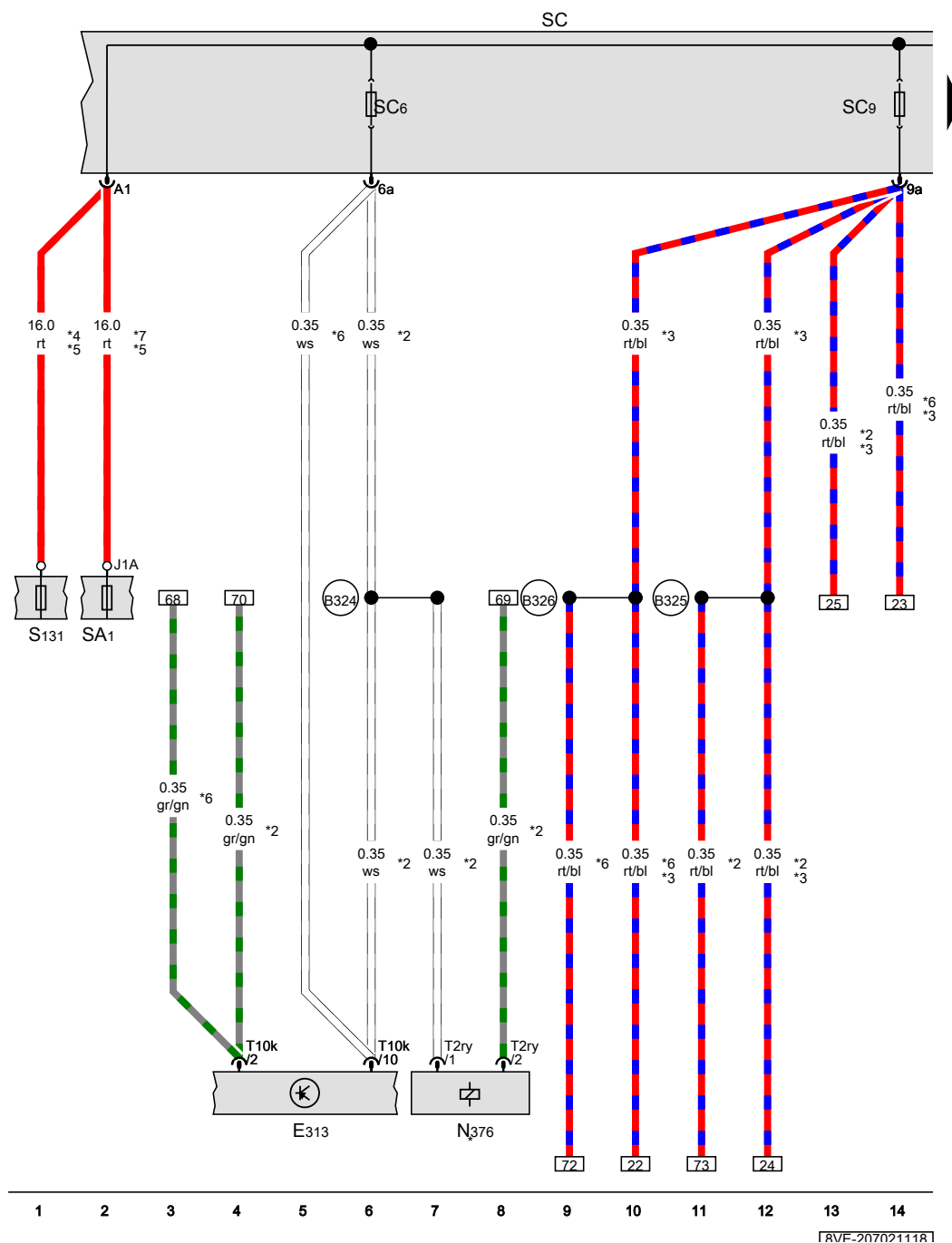
Immobiliser reader coil, Control unit in dash panel insert, Entry and start authorisation control unit, Control unit for electronic steering column lock

- D2 Immobiliser reader coil
- J285 Control unit in dash panel insert
- J518 Entry and start authorisation control unit
- J764 Control unit for electronic steering column lock
- N360 Steering column lock control element
- T2jm 2-pin connector, black
- T4fx 4-pin connector, black
- T18 18-pin connector, black
- T32d 32-pin connector, grey
- T40a 40-pin connector, black
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness
- * According to equipment

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Steering column electronics , (L0L)

From July 2018



Selector lever, Ignition key withdrawal lock solenoid, Fuse holder C

- E313 Selector lever
- N376 Ignition key withdrawal lock solenoid
- SA1 Fuse 1 on fuse holder A
- S131 Fuse 1
- SC Fuse holder C
- SC6 Fuse 6 on fuse holder C
- SC9 Fuse 9 on fuse holder C
- T2ry 2-pin connector, black
- T10k 10-pin connector, black

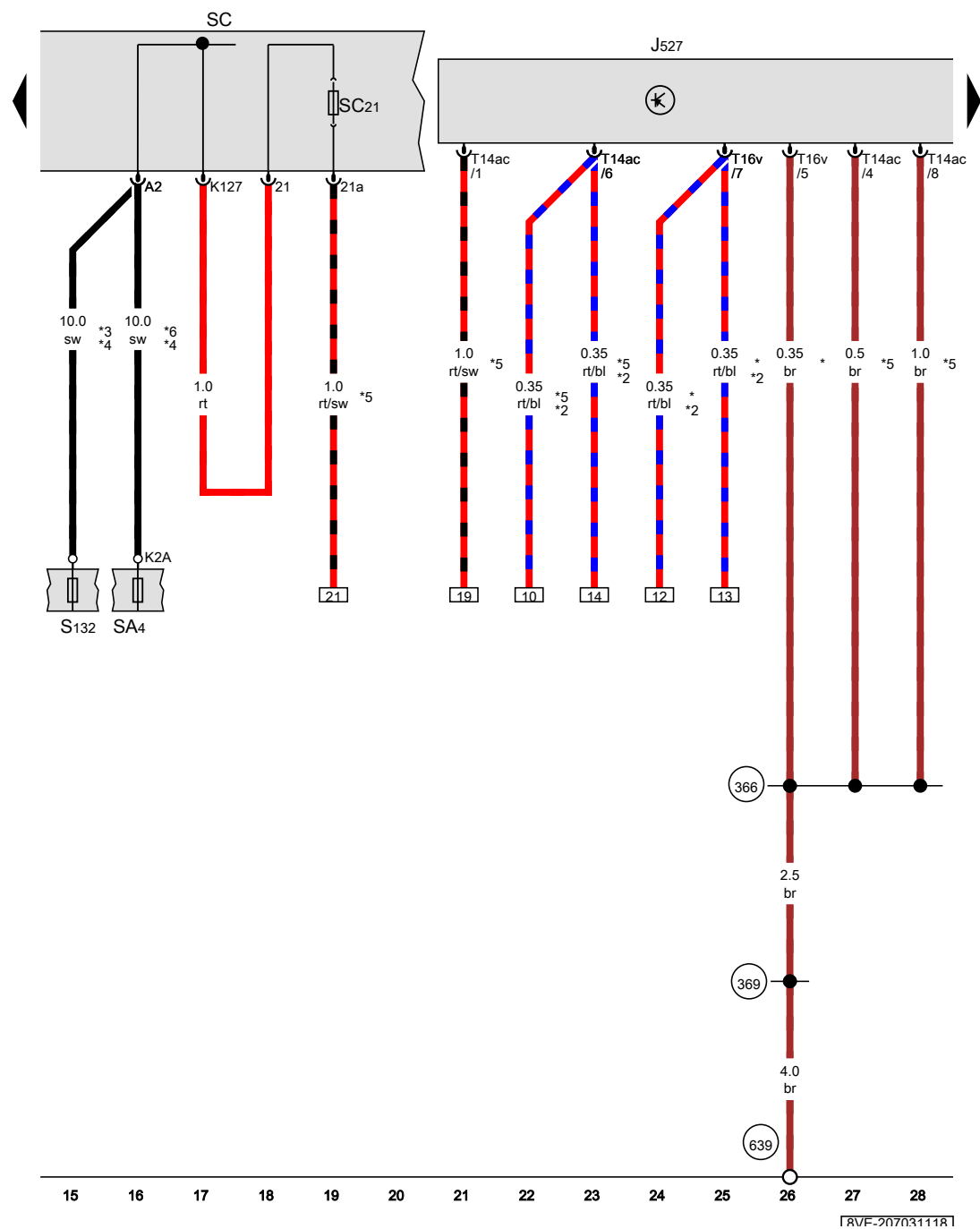
B324 Positive connection 10 (30a) in main wiring harness

B325 Positive connection 11 (30a) in main wiring harness

B326 Positive connection 12 (30a) in main wiring harness

- * If fitted
- *2 For models with no heated steering wheel
- *3 According to equipment
- *4 For RS 3 models
- *5 see applicable current flow diagram for battery
- *6 For models with heated steering wheel
- *7 Not for RS 3 models

- ws = white
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- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
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Steering column electronics control unit, Fuse holder C

J527 Steering column electronics control unit

SA4 Fuse 4 on fuse holder A

S132 Fuse 2

SC Fuse holder C

SC21 Fuse 21 on fuse holder C

T14ac 14-pin connector, black

T16v 16-pin connector, black

366 Earth connection 1, in main wiring harness

369 Earth connection 4, in main wiring harness

639 Earth point, left A-pillar

* For models with no heated steering wheel

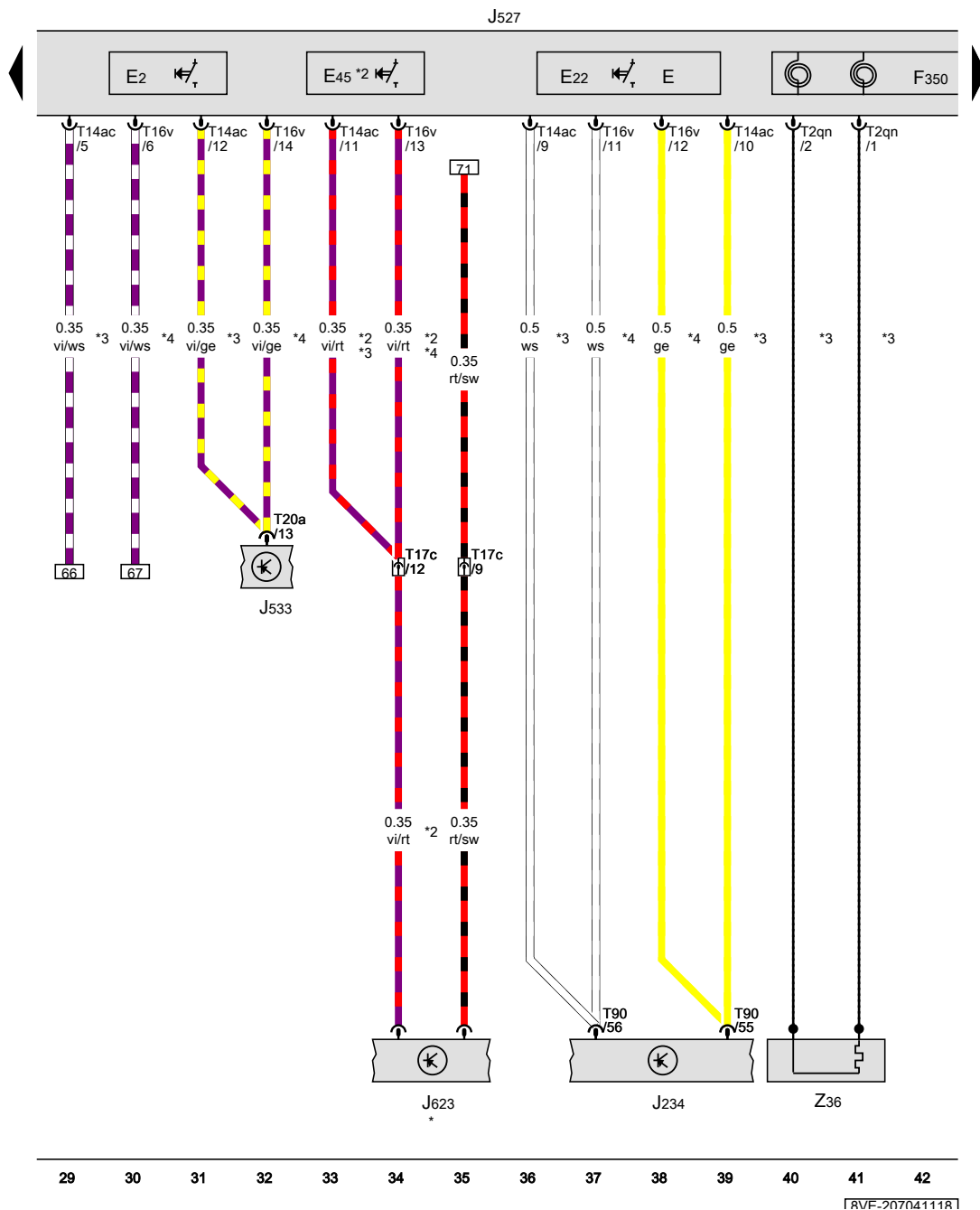
*2 According to equipment

*3 For RS 3 models

*4 see applicable current flow diagram for battery

*5 For models with heated steering wheel

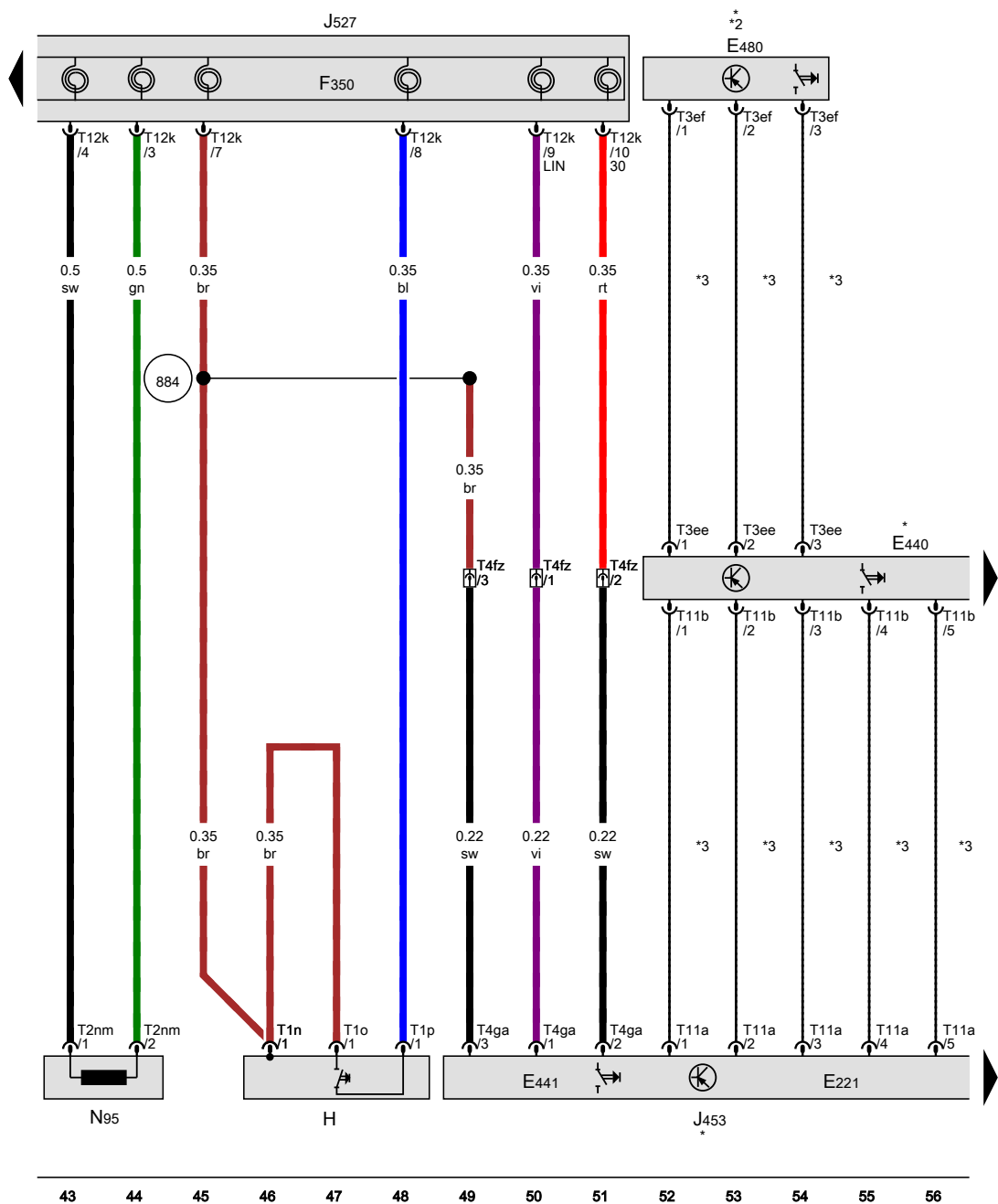
*6 Not for RS 3 models



Windscreen wiper switch, Turn signal switch, Intermittent wiper switch, Cruise control system switch, Airbag control unit, Steering column electronics control unit, Data bus diagnostic interface, Engine/motor control unit

- E Windscreen wiper switch
- E2 Turn signal switch
- E22 Intermittent wiper switch
- E45 Cruise control system switch
- F350 Coil connector
- J234 Airbag control unit
- J527 Steering column electronics control unit
- J533 Data bus diagnostic interface
- J623 Engine/motor control unit
- T2qn 2-pin connector
- T14ac 14-pin connector, black
- T16v 16-pin connector, black
- T17c 17-pin connector, red
- T20a 20-pin connector, red
- T90 90-pin connector, yellow
- Z36 Heated steering wheel
- * see applicable current flow diagram for engine
- *2 For models with cruise control system (CCS)
- *3 For models with heated steering wheel
- *4 For models with no heated steering wheel

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

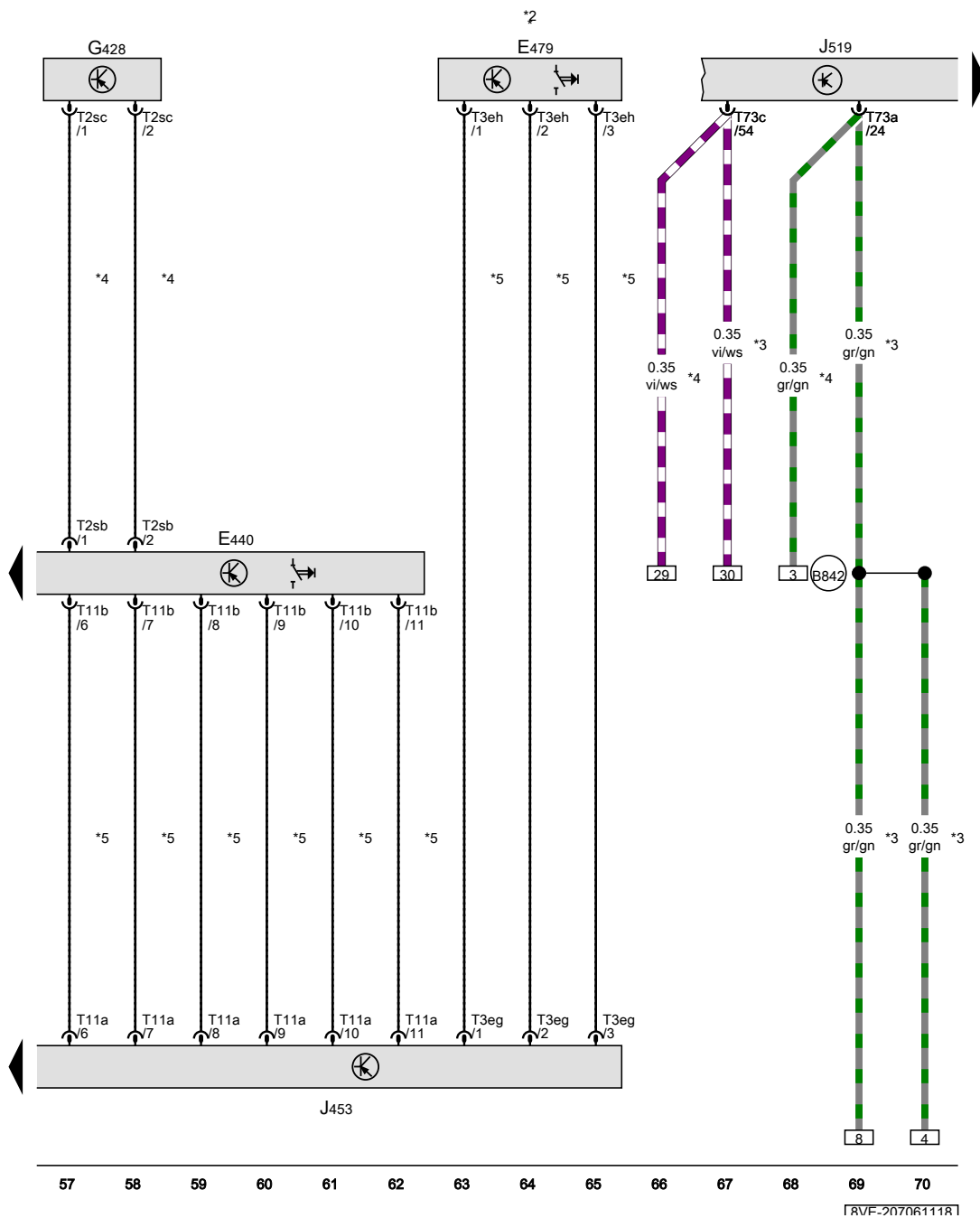


Multifunction buttons on left in steering wheel, Multifunction buttons on right in steering wheel, Tiptronic switch (shift down), Horn plate, Multifunction steering wheel control unit, Steering column electronics control unit, Airbag igniter on driver side

- E221 Operating unit in steering wheel
- E440 Multifunction buttons on left in steering wheel
- E441 Multifunction buttons on right in steering wheel
- E480 Tiptronic switch (shift down)
- F350 Coil connector
- H Horn plate
- J453 Multifunction steering wheel control unit, in steering wheel
- J527 Steering column electronics control unit
- N95 Airbag igniter on driver side
- T1n 1-pin connector
- T1o 1-pin connector
- T1p 1-pin connector
- T2nm 2-pin connector
- T3ee 3-pin connector
- T3ef 3-pin connector
- T4fz 4-pin connector, in steering wheel
- T4ga 4-pin connector
- T11a 11-pin connector
- T11b 11-pin connector
- T12k 12-pin connector

884 Earth connection 1 in steering wheel wiring harness

- * For models with multifunction steering wheel
- *2 For models with Tiptronic
- *3 Adapter wire



Multifunction buttons on left in steering wheel, Tiptronic switch (shift up), Heated steering wheel sender, Multifunction steering wheel control unit, Onboard supply control unit

- E440 Multifunction buttons on left in steering wheel
- E479 Tiptronic switch (shift up)
- G428 Heated steering wheel sender
- J453 Multifunction steering wheel control unit, in steering wheel
- J519 Onboard supply control unit
- T2sb 2-pin connector
- T2sc 2-pin connector
- T3eg 3-pin connector
- T3eh 3-pin connector
- T11a 11-pin connector
- T11b 11-pin connector
- T73a 73-pin connector, black
- T73c 73-pin connector, black

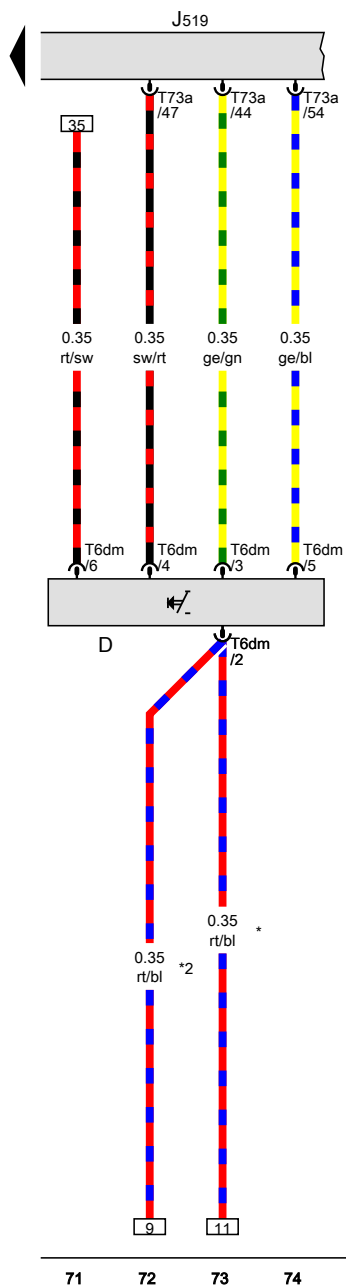
B842 Connection 8 (LIN bus) in main wiring harness

- * For models with Tiptronic
- *2 For models with multifunction steering wheel
- *3 For models with no heated steering wheel
- *4 For models with heated steering wheel
- *5 Adapter wire

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Ignition/starter switch, Onboard supply control unit

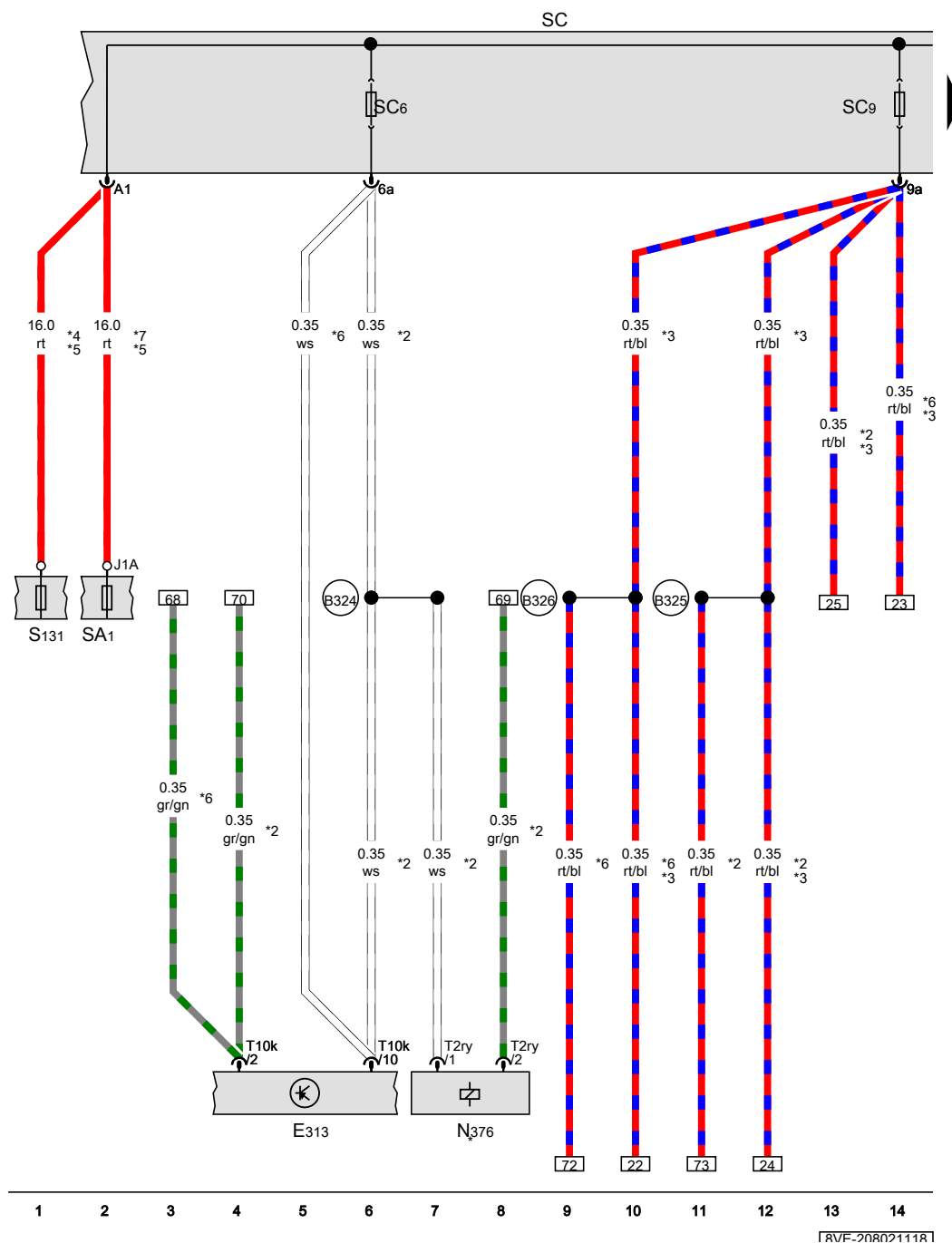
- D Ignition/starter switch
- J519 Onboard supply control unit
- T6dm 6-pin connector, black
- T73a 73-pin connector, black
- * For models with no heated steering wheel
- *2 For models with heated steering wheel



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- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Steering column electronics , (L0R)

From July 2018



Selector lever, Ignition key withdrawal lock solenoid, Fuse holder C

- E313 Selector lever
- N376 Ignition key withdrawal lock solenoid
- SA1 Fuse 1 on fuse holder A
- S131 Fuse 1
- SC Fuse holder C
- SC6 Fuse 6 on fuse holder C
- SC9 Fuse 9 on fuse holder C
- T2ry 2-pin connector, black
- T10k 10-pin connector, black

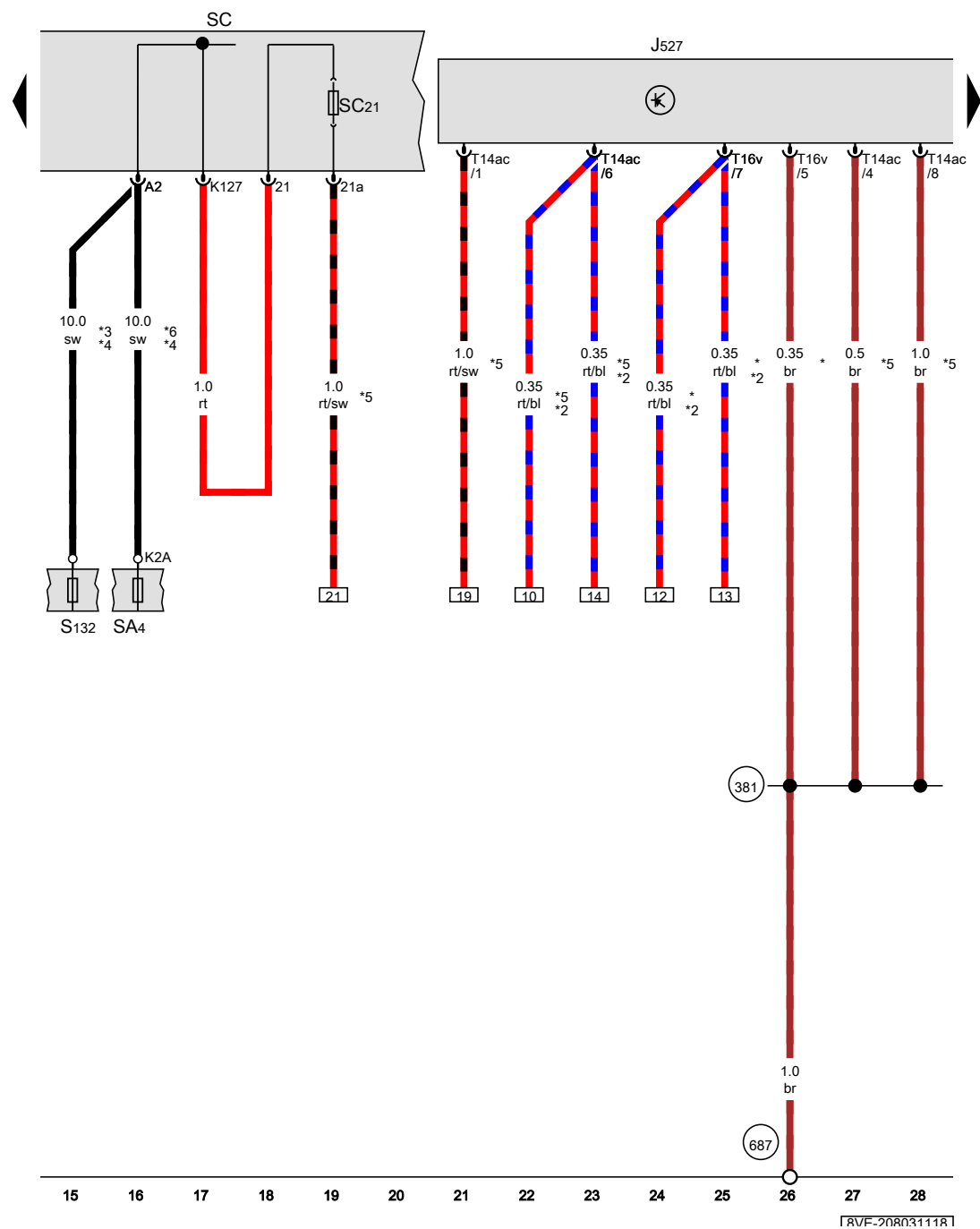
B324 Positive connection 10 (30a) in main wiring harness

B325 Positive connection 11 (30a) in main wiring harness

B326 Positive connection 12 (30a) in main wiring harness

- * If fitted
- *2 For models with no heated steering wheel
- *3 According to equipment
- *4 For RS 3 models
- *5 see applicable current flow diagram for battery
- *6 For models with heated steering wheel
- *7 Not for RS 3 models

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



Steering column electronics control unit, Fuse holder C

J527 Steering column electronics control unit

SA4 Fuse 4 on fuse holder A

SC21 Fuse 21 on fuse holder C

S132 Fuse 2

SC Fuse holder C

T14ac 14-pin connector, black

T16v 16-pin connector, black

381 Earth connection 16, in main wiring harness

687 Earth point 1, on centre tunnel

* For models with no heated steering wheel

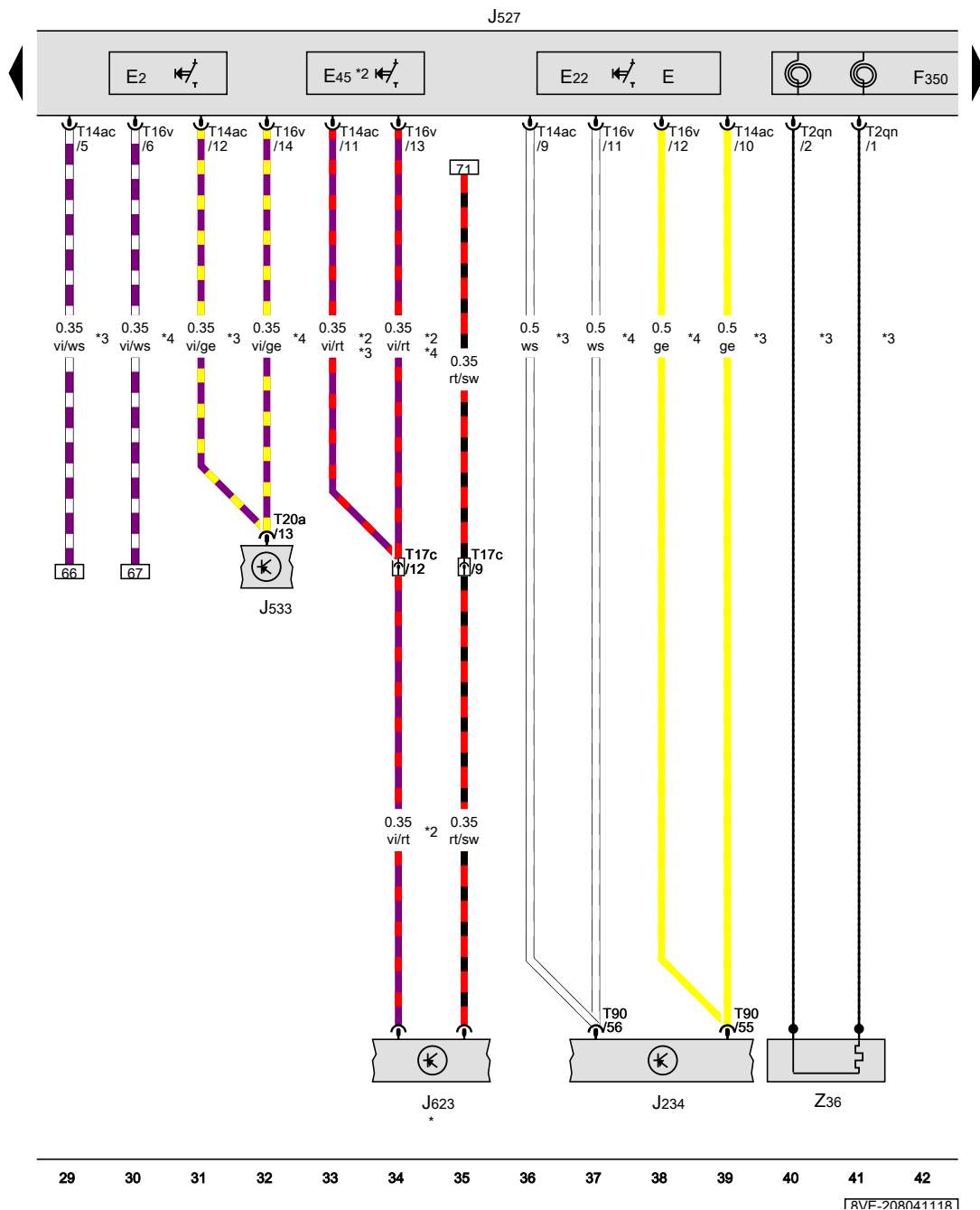
*2 According to equipment

*3 For RS 3 models

*4 see applicable current flow diagram for battery

*5 For models with heated steering wheel

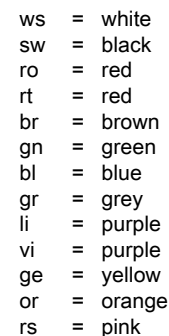
*6 Not for RS 3 models



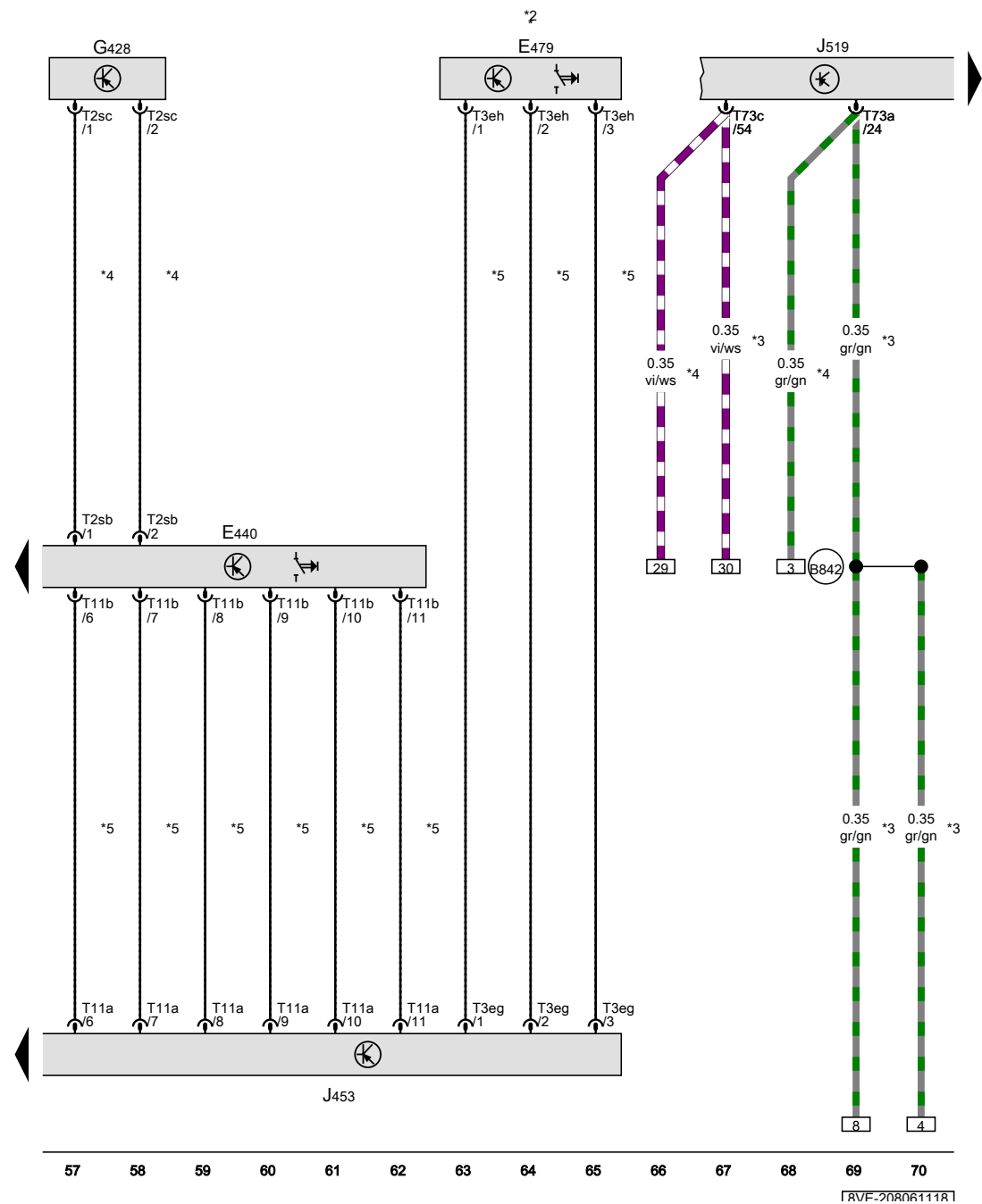
Windscreen wiper switch, Turn signal switch, Intermittent wiper switch, Cruise control system switch, Airbag control unit, Steering column electronics control unit, Data bus diagnostic interface, Engine/motor control unit

- E Windscreen wiper switch
- E2 Turn signal switch
- E22 Intermittent wiper switch
- E45 Cruise control system switch
- F350 Coil connector
- J234 Airbag control unit
- J527 Steering column electronics control unit
- J533 Data bus diagnostic interface
- J623 Engine/motor control unit
- T2qn 2-pin connector
- T14ac 14-pin connector, black
- T16v 16-pin connector, black
- T17c 17-pin connector, red
- T20a 20-pin connector, red
- T90 90-pin connector, yellow
- Z36 Heated steering wheel
- * see applicable current flow diagram for engine
- *2 For models with cruise control system (CCS)
- *3 For models with heated steering wheel
- *4 For models with no heated steering wheel

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



- * For models with multifunction steering wheel
- *2 For models with Tiptronic
- *3 Adapter wire



Multifunction buttons on left in steering wheel, Tiptronic switch (shift up), Heated steering wheel sender, Multifunction steering wheel control unit, Onboard supply control unit

- E440 Multifunction buttons on left in steering wheel
- E479 Tiptronic switch (shift up)
- G428 Heated steering wheel sender
- J453 Multifunction steering wheel control unit, in steering wheel
- J519 Onboard supply control unit
- T2sb 2-pin connector
- T2sc 2-pin connector
- T3eg 3-pin connector
- T3eh 3-pin connector
- T11a 11-pin connector
- T11b 11-pin connector
- T73a 73-pin connector, black
- T73c 73-pin connector, black

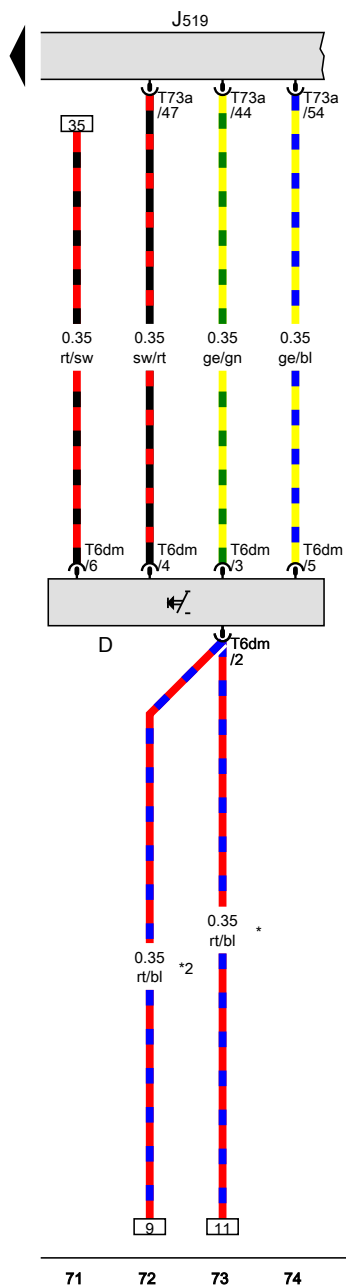
B842 Connection 8 (LIN bus) in main wiring harness

- * For models with Tiptronic
- *2 For models with multifunction steering wheel
- *3 For models with no heated steering wheel
- *4 For models with heated steering wheel
- *5 Adapter wire

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Ignition/starter switch, Onboard supply control unit

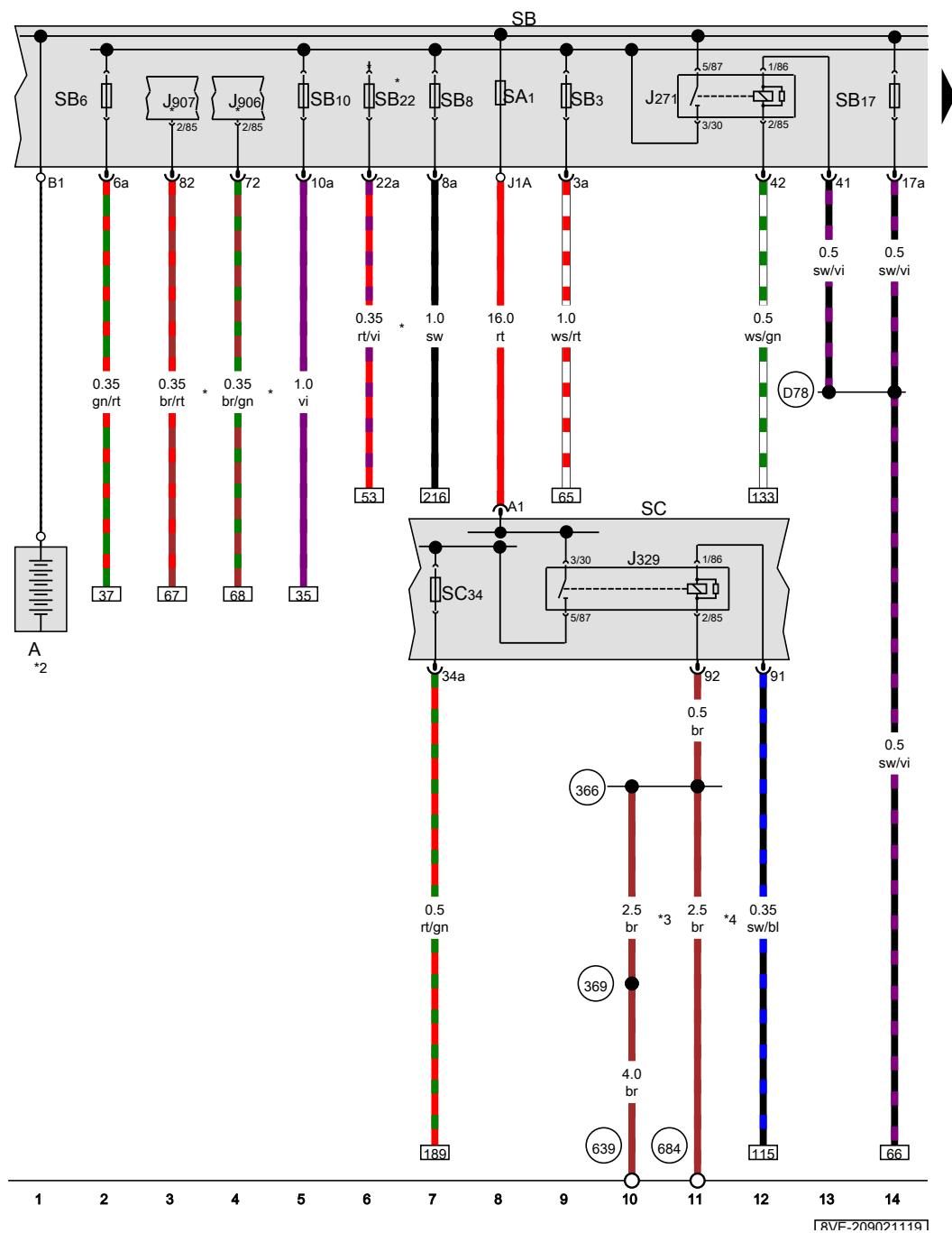
- D Ignition/starter switch
- J519 Onboard supply control unit
- T6dm 6-pin connector, black
- T73a 73-pin connector, black
- * For models with no heated steering wheel
- *2 For models with heated steering wheel



- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

2.0l petrol engine , DHHA

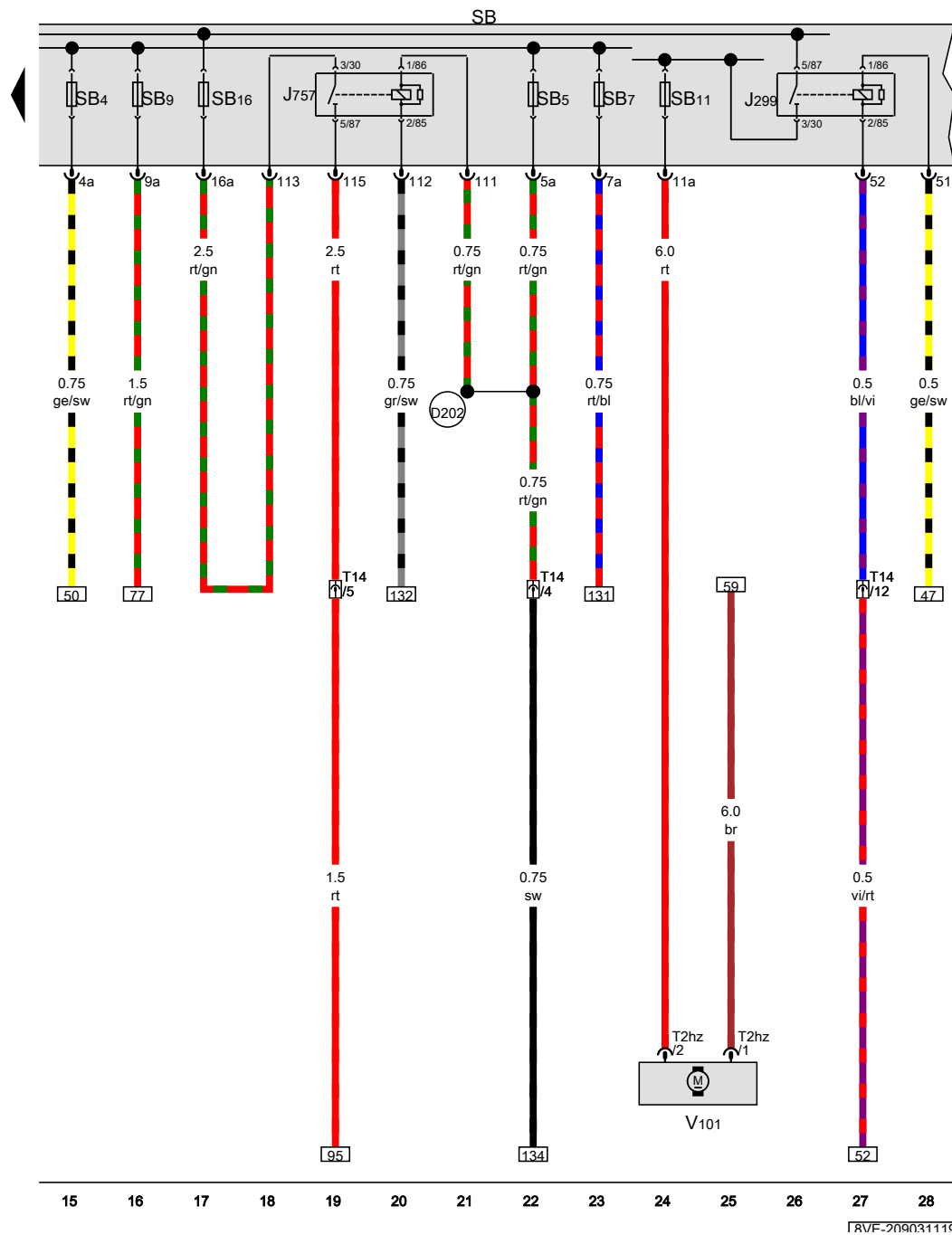
From July 2018



Main relay, Terminal 15 voltage supply relay, Fuse holder B, Fuse holder C

- A Battery
- J271 Main relay
- J329 Terminal 15 voltage supply relay
- J906 Starter relay 1
- J907 Starter relay 2
- SA1 Fuse 1 on fuse holder A
- SB Fuse holder B
- SB3 Fuse 3 on fuse holder B
- SB6 Fuse 6 on fuse holder B
- SB8 Fuse 8 on fuse holder B
- SB10 Fuse 10 on fuse holder B
- SB17 Fuse 17 on fuse holder B
- SB22 Fuse 22 on fuse holder B
- SC Fuse holder C
- SC34 Fuse 34 on fuse holder C
- 366 Earth connection 1, in main wiring harness
- 369 Earth connection 4, in main wiring harness
- 639 Earth point, left A-pillar
- 684 Earth point on front of left side member
- D78 Positive connection 1 (30a), in engine compartment wiring harness
- * see applicable current flow diagram for battery in engine compartment
- *2 see applicable current flow diagram for battery
- *3 For left-hand drive models
- *4 For right-hand drive models

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

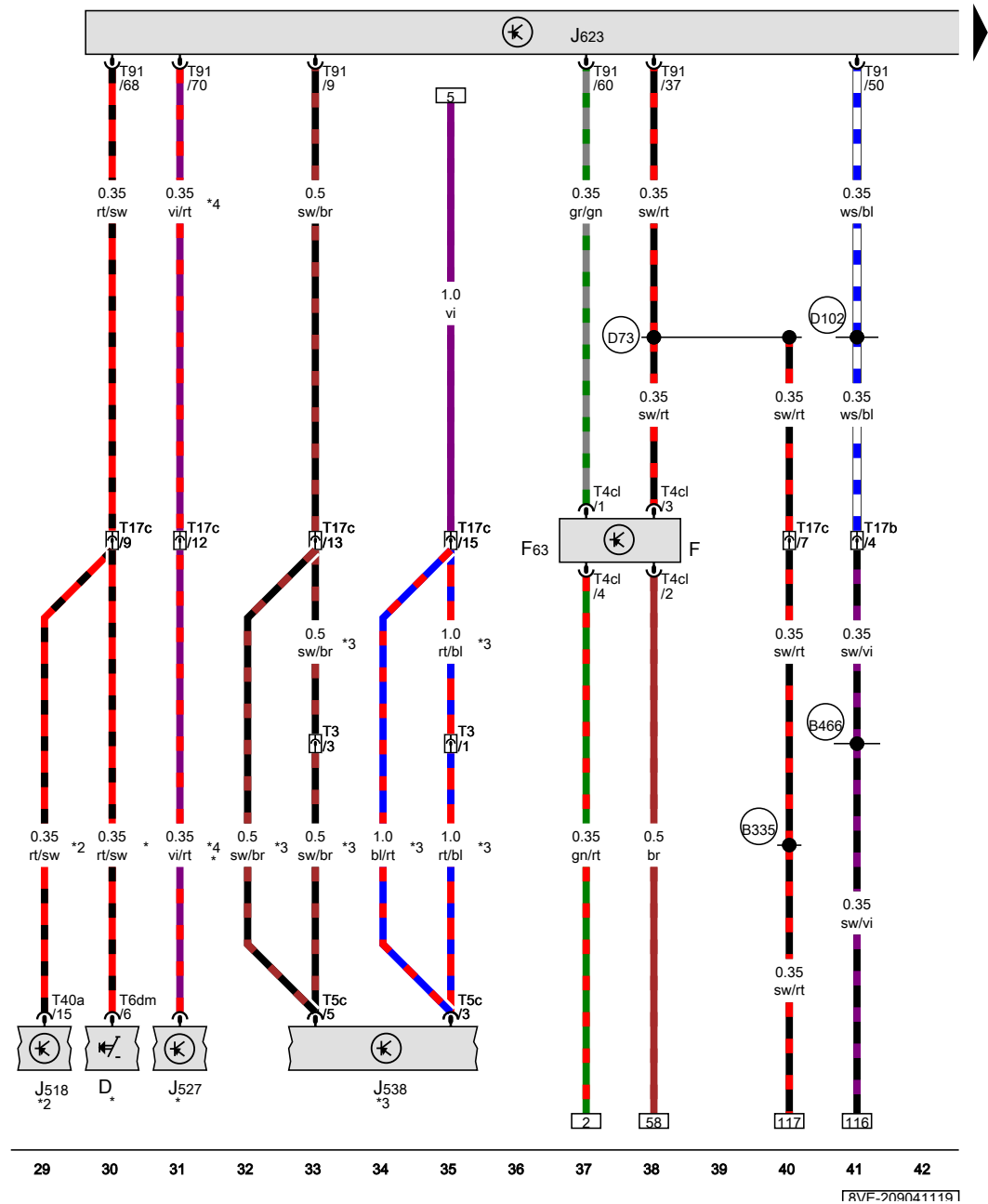


Secondary air pump relay, Engine component current supply relay, Fuse holder B

- J299 Secondary air pump relay
- J757 Engine component current supply relay
- SB Fuse holder B
- SB4 Fuse 4 on fuse holder B
- SB5 Fuse 5 on fuse holder B
- SB7 Fuse 7 on fuse holder B
- SB9 Fuse 9 on fuse holder B
- SB11 Fuse 11 on fuse holder B
- SB16 Fuse 16 on fuse holder B
- T2hz 2-pin connector
- T14 14-pin connector, on left in engine compartment, grey
- V101 Secondary air pump motor
- D202 Connection 6 (87a), in engine compartment wiring harness

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Brake light switch, Brake pedal switch, Entry and start authorisation control unit, Steering column electronics control unit, Fuel pump control unit, Engine/motor control unit



- D Ignition/starter switch
- F Brake light switch
- F63 Brake pedal switch
- J518 Entry and start authorisation control unit
- J527 Steering column electronics control unit
- J538 Fuel pump control unit
- J623 Engine/motor control unit
- T3 3-pin connector, black
- T4cl 4-pin connector, black
- T5c 5-pin connector, black
- T6dm 6-pin connector, black
- T17b 17-pin connector, on lower section of left A-pillar, brown
- T17c 17-pin connector, on lower section of left A-pillar, red
- T40a 40-pin connector, black
- T91 91-pin connector, black
- B335 Connection 1 (54), in main wiring harness
- B466 Connection 2, in main wiring harness
- D73 Positive connection (54), in engine compartment wiring harness
- D102 Connection 2 in engine compartment wiring harness
- * see applicable current flow diagram for steering column electronics
- *2 see applicable current flow diagram for entry and start authorisation
- *3 see applicable current flow diagram for fuel system
- *4 For models with cruise control system (CCS)

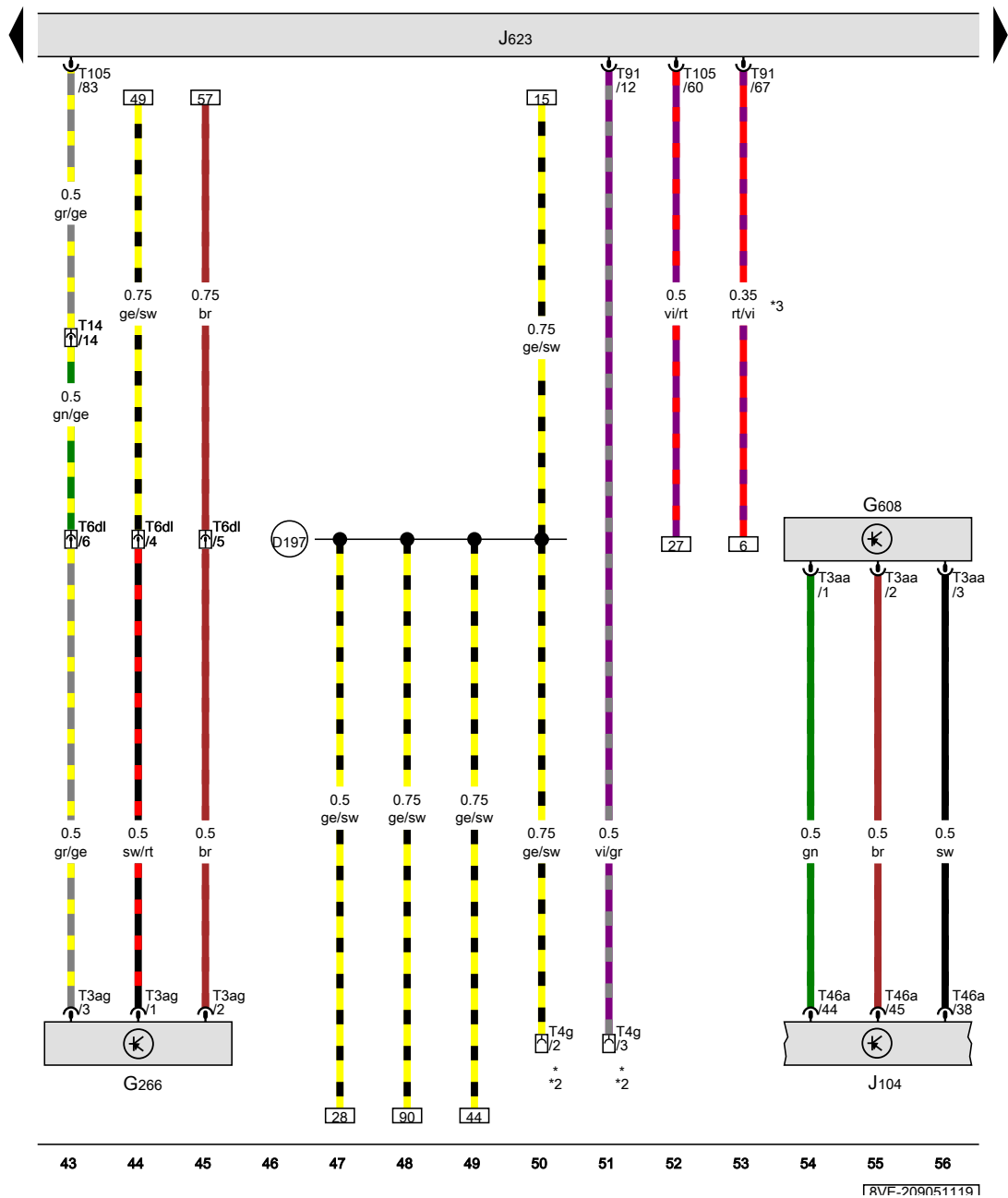
ws = white
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 vi = purple
 ge = yellow
 or = orange
 rs = pink

Oil level and oil temperature sender, Vacuum sender, Engine/motor control unit

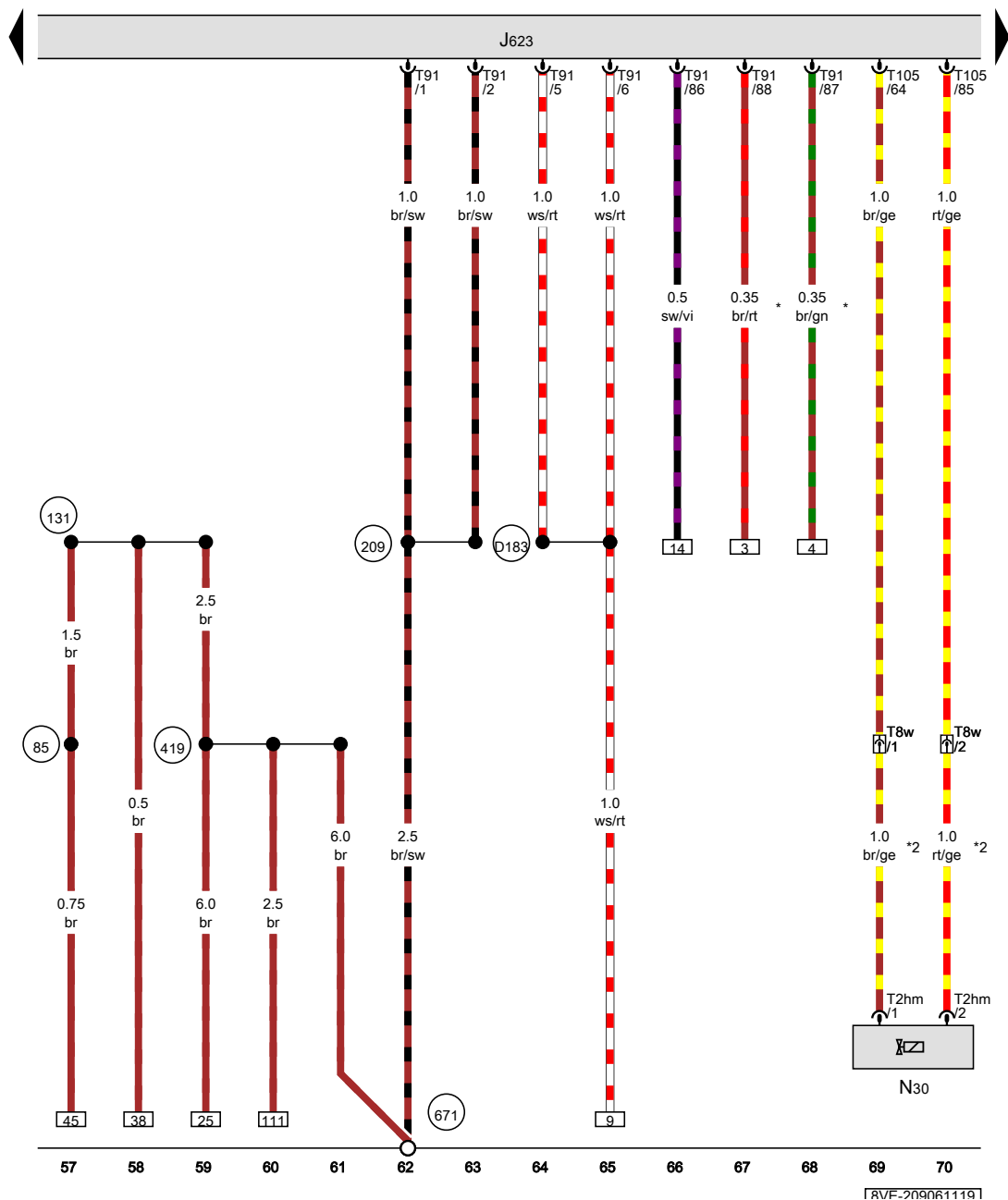
- G266 Oil level and oil temperature sender
- G608 Vacuum sender
- J104 ABS control unit
- J623 Engine/motor control unit
- T3aa 3-pin connector, black
- T3ag 3-pin connector, black
- T4g 4-pin connector, black
- T6dl 6-pin connector, black
- T14 14-pin connector, on left in engine compartment, grey
- T46a 46-pin connector, black
- T91 91-pin connector, black
- T105 105-pin connector, black

D197 Connection 5 (87a), in engine compartment wiring harness

- * Radiator fan connection
- *2 see applicable current flow diagram for radiator fan
- *3 see applicable current flow diagram for battery in engine compartment



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- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



Engine/motor control unit, Injector, cylinder 1

J623 Engine/motor control unit
 N30 Injector, cylinder 1
 T2hm 2-pin connector, black
 T8w 8-pin connector, black
 T91 91-pin connector, black
 T105 105-pin connector, black

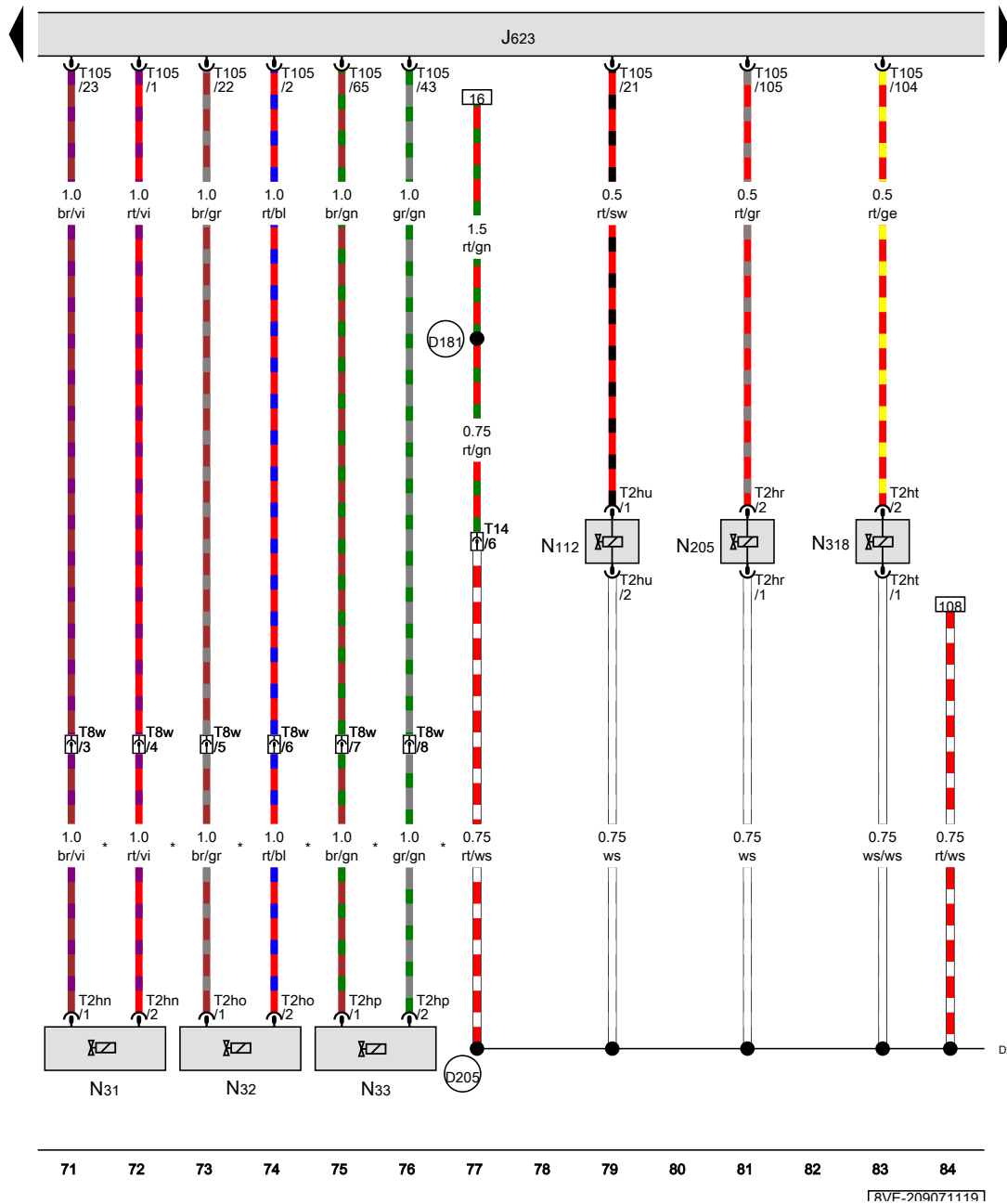
- 85 Earth connection 1, in engine compartment wiring harness
- 131 Earth connection 2, in engine compartment wiring harness
- 209 Earth connection 6, in engine compartment wiring harness
- 419 Earth connection 11, in engine compartment wiring harness
- 671 Earth point 1, on front of left longitudinal member
- D183 Connection 4 (87a), in engine compartment wiring harness

* see applicable current flow diagram for battery in engine compartment

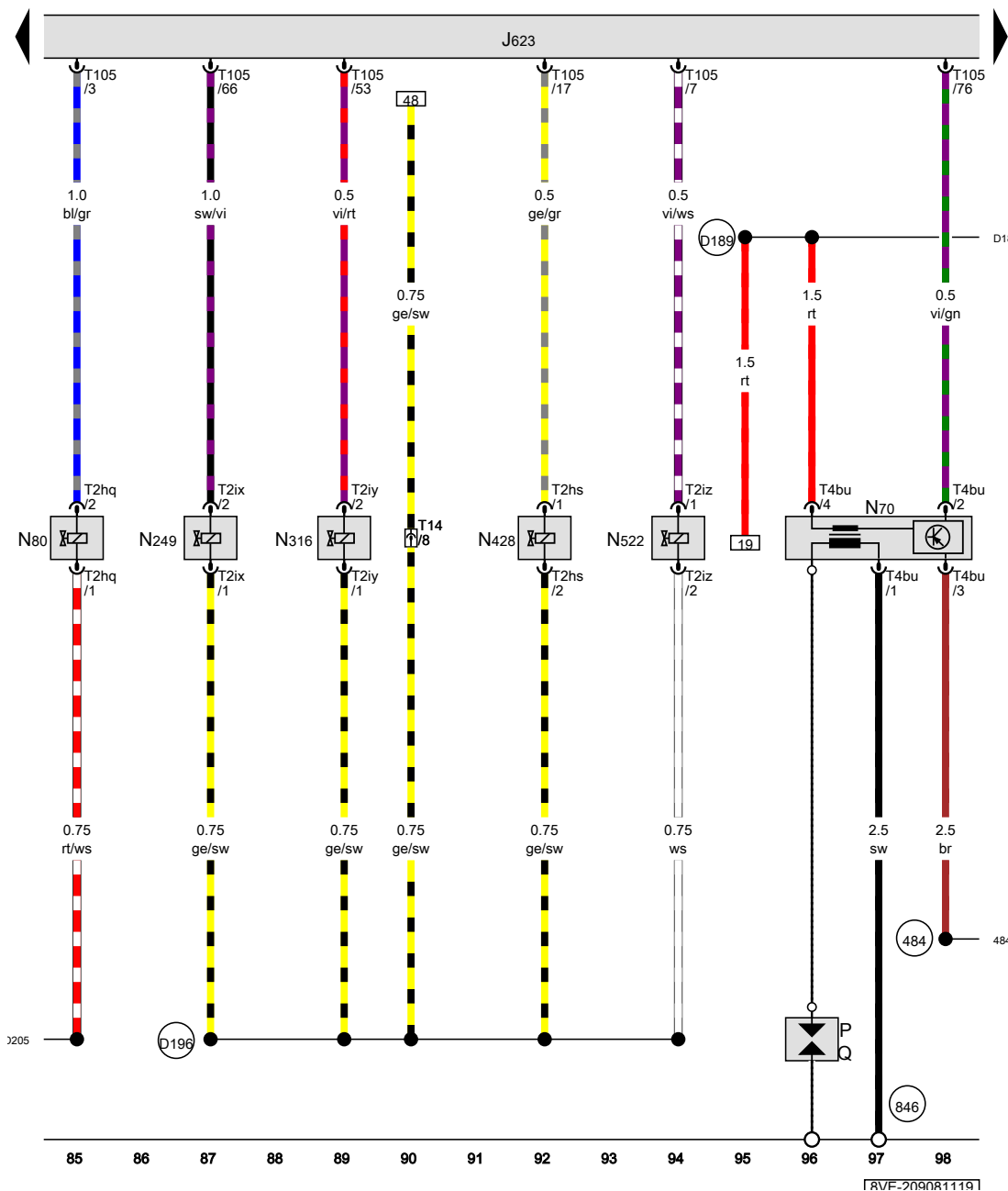
*2 Wiring colour depends on equipment

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

Engine/motor control unit, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4, Secondary air inlet valve, Camshaft control valve 1, Exhaust camshaft control valve 1



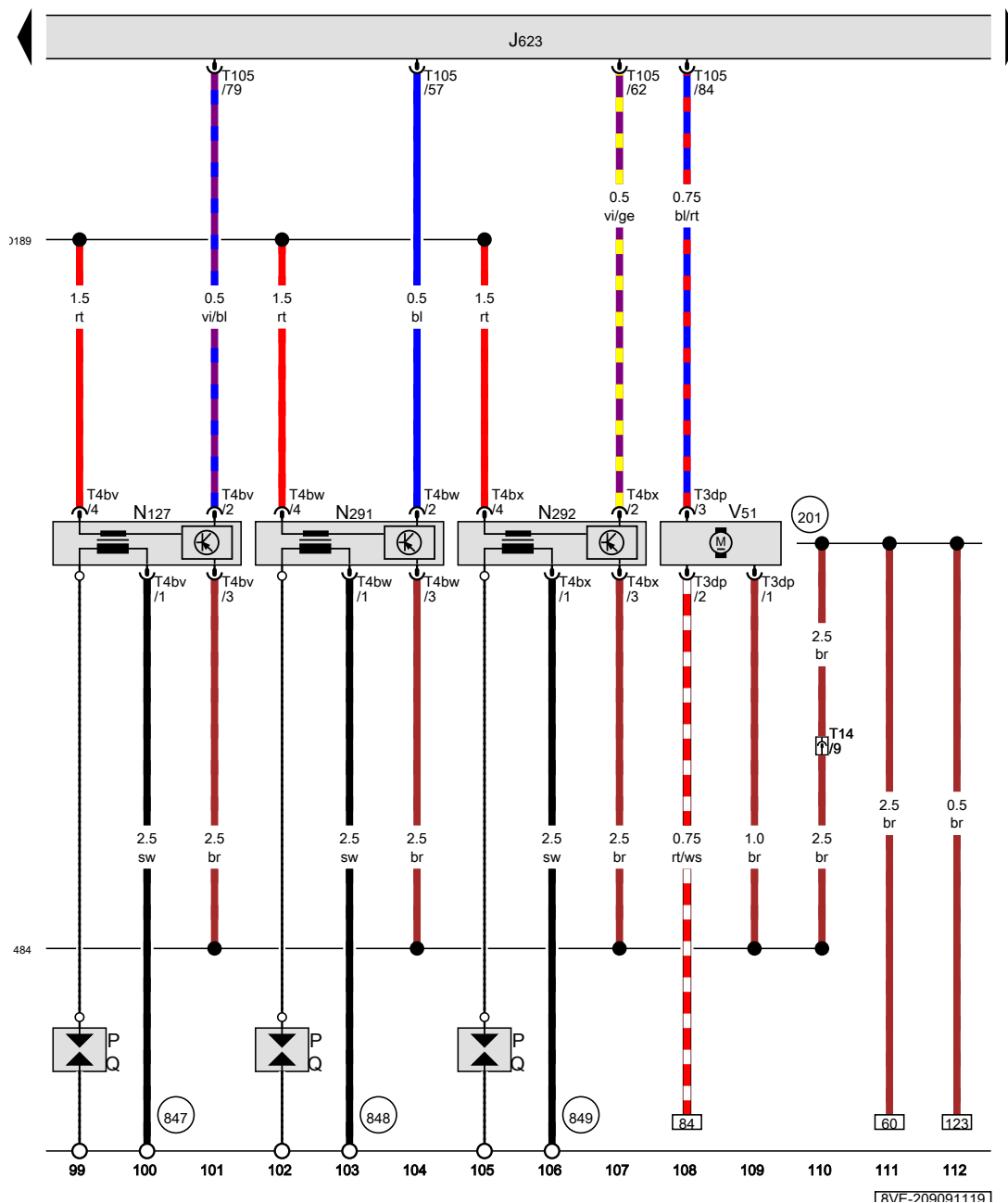
- J623 Engine/motor control unit
- N31 Injector, cylinder 2
- N32 Injector, cylinder 3
- N33 Injector, cylinder 4
- N112 Secondary air inlet valve
- N205 Camshaft control valve 1
- N318 Exhaust camshaft control valve 1
- T2hn 2-pin connector, black
- T2ho 2-pin connector, black
- T2hp 2-pin connector, black
- T2hr 2-pin connector, black
- T2ht 2-pin connector, black
- T2hu 2-pin connector
- T8w 8-pin connector, black
- T14 14-pin connector, on left in engine compartment, grey
- T105 105-pin connector, black
- D181 Connection 2 (87a), in engine compartment wiring harness
- D205 Connection 3 (87a) in engine prewiring harness
- * Wiring colour depends on equipment



Engine/motor control unit, Ignition coil 1 with output stage, Activated charcoal filter solenoid valve 1, Turbocharger air recirculation valve, Intake manifold flap valve, Valve for oil pressure control, Piston cooling jet control valve

- J623 Engine/motor control unit
- N70 Ignition coil 1 with output stage
- N80 Activated charcoal filter solenoid valve 1
- N249 Turbocharger air recirculation valve
- N316 Intake manifold flap valve
- N428 Valve for oil pressure control
- N522 Piston cooling jet control valve
- P Spark plug connector
- Q Spark plugs
- T2hq 2-pin connector, black
- T2hs 2-pin connector, black
- T2ix 2-pin connector, black
- T2iy 2-pin connector, black
- T2iz 2-pin connector, black
- T4bu 4-pin connector, black
- T14 14-pin connector, on left in engine compartment, grey
- T105 105-pin connector, black
- 484 Earth connection 2 (ignition coils), in engine prewiring harness
- 846 Earth point on ignition coil 1
- D189 Connection (87a) in engine prewiring harness
- D196 Connection 2 (87a) in engine prewiring harness
- D205 Connection 3 (87a) in engine prewiring harness

ws = white
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 ro = red
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 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

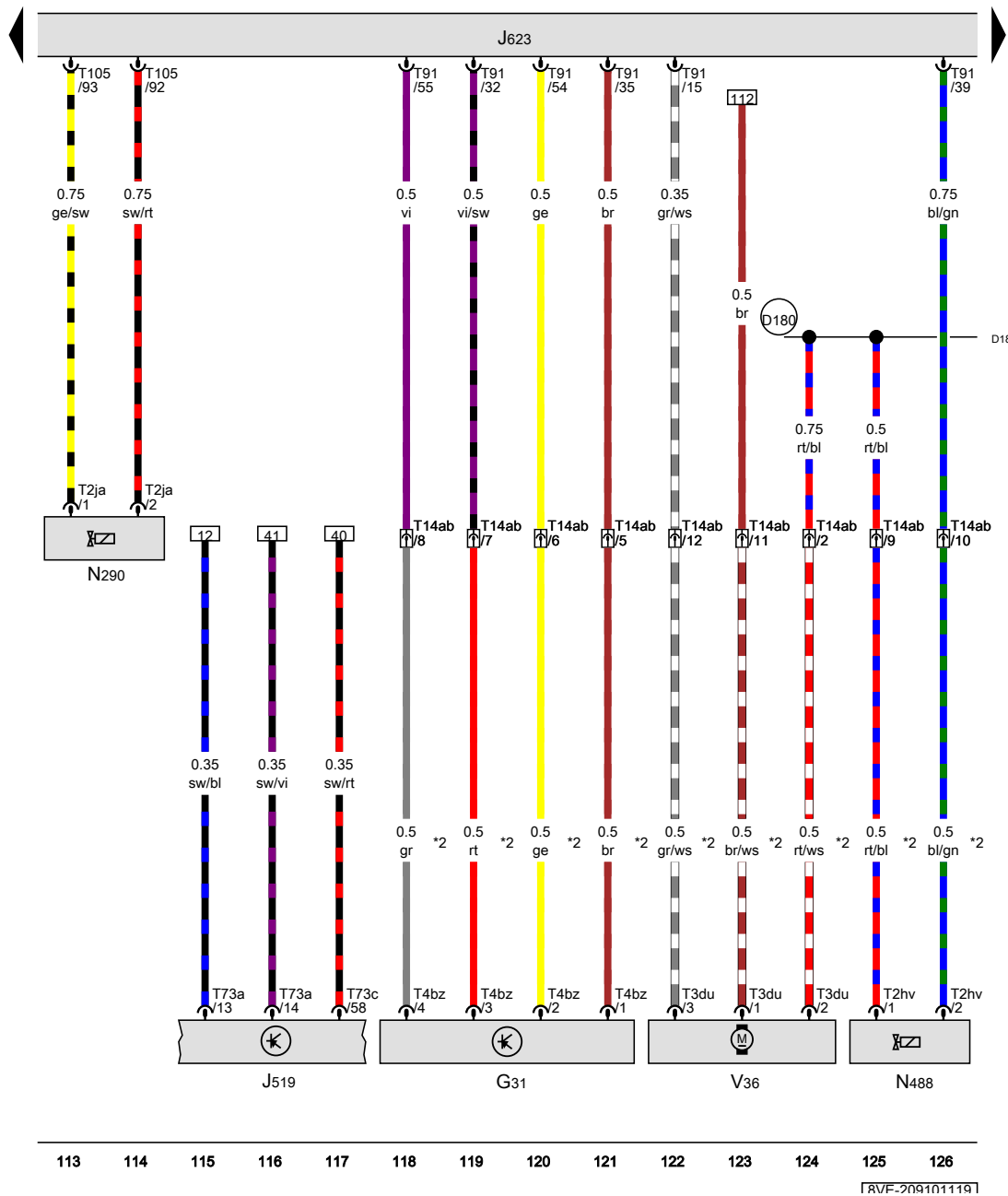


Engine/motor control unit, Ignition coil 2 with output stage, Ignition coil 3 with output stage, Ignition coil 4 with output stage, Continued coolant circulation pump

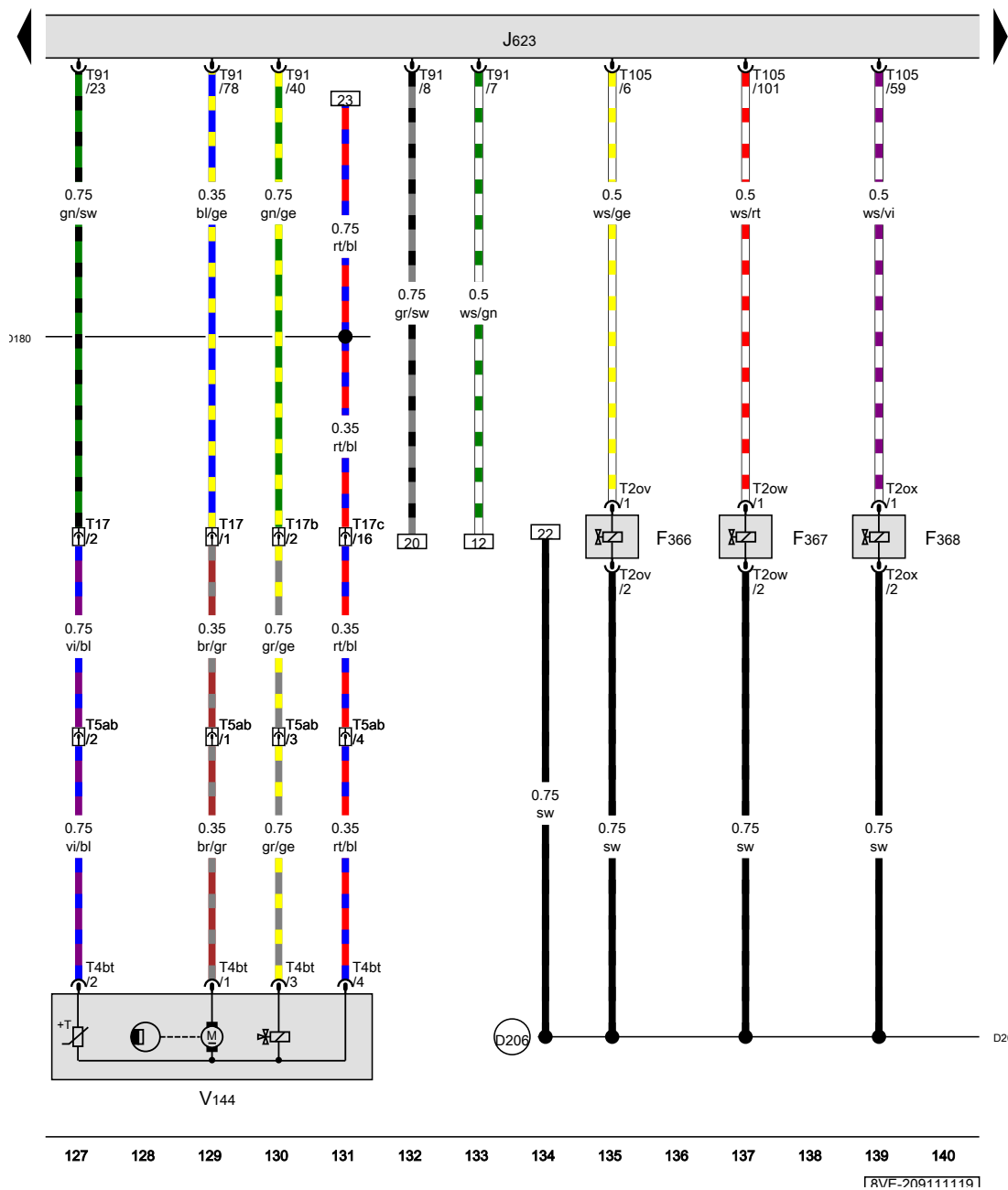
- J623 Engine/motor control unit
- N127 Ignition coil 2 with output stage
- N291 Ignition coil 3 with output stage
- N292 Ignition coil 4 with output stage
- P Spark plug connector
- Q Spark plugs
- T3dp 3-pin connector, black
- T4bv 4-pin connector, black
- T4bw 4-pin connector, black
- T4bx 4-pin connector, black
- T14 14-pin connector, on left in engine compartment, grey
- T105 105-pin connector, black
- V51 Continued coolant circulation pump
- 201 Earth connection 5, in engine compartment wiring harness
- 484 Earth connection 2 (ignition coils), in engine prewiring harness
- 847 Earth point on ignition coil 2
- 848 Earth point on ignition coil 3
- 849 Earth point on ignition coil 4
- D189 Connection (87a) in engine prewiring harness

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

Charge pressure sender, Onboard supply control unit, Engine/motor control unit, Fuel metering valve, Coolant valve for gearbox, Coolant pump



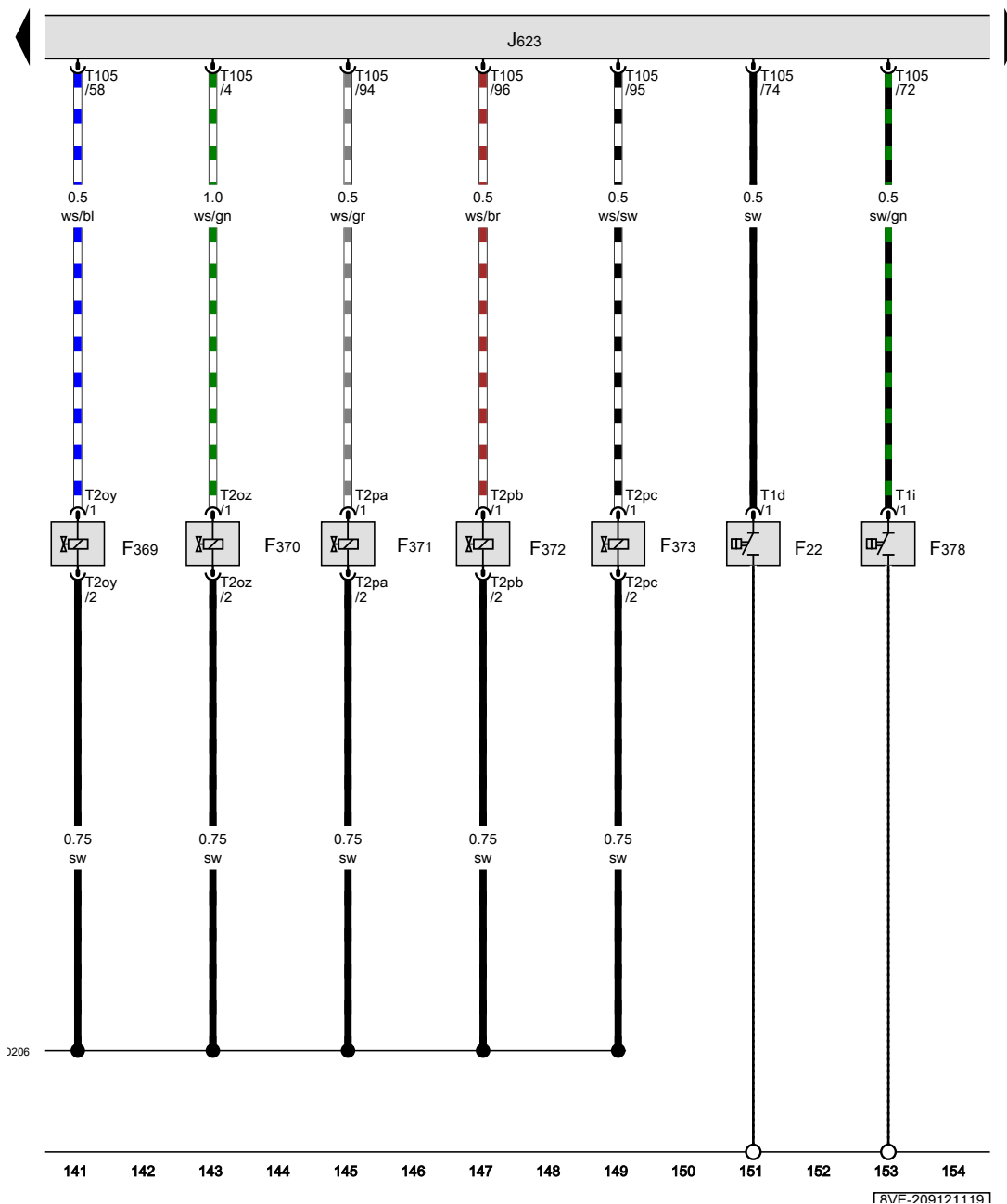
- G31 Charge pressure sender
- J519 Onboard supply control unit
- J623 Engine/motor control unit
- N290 Fuel metering valve
- N488 Coolant valve for gearbox
- T2hv 2-pin connector, black
- T2ja 2-pin connector, black
- T3du 3-pin connector, black
- T4bz 4-pin connector, black
- T14ab 14-pin connector, in engine compartment, black
- T73a 73-pin connector, black
- T73c 73-pin connector, black
- T91 91-pin connector, black
- T105 105-pin connector, black
- V36 Coolant pump
- D180 Connection (87a), in engine compartment wiring harness
- * According to equipment
- *2 Different wire colour possible



Cam adjustment actuator 1, Cam adjustment actuator 2, Cam adjustment actuator 3, Engine/motor control unit, Fuel system diagnostic pump

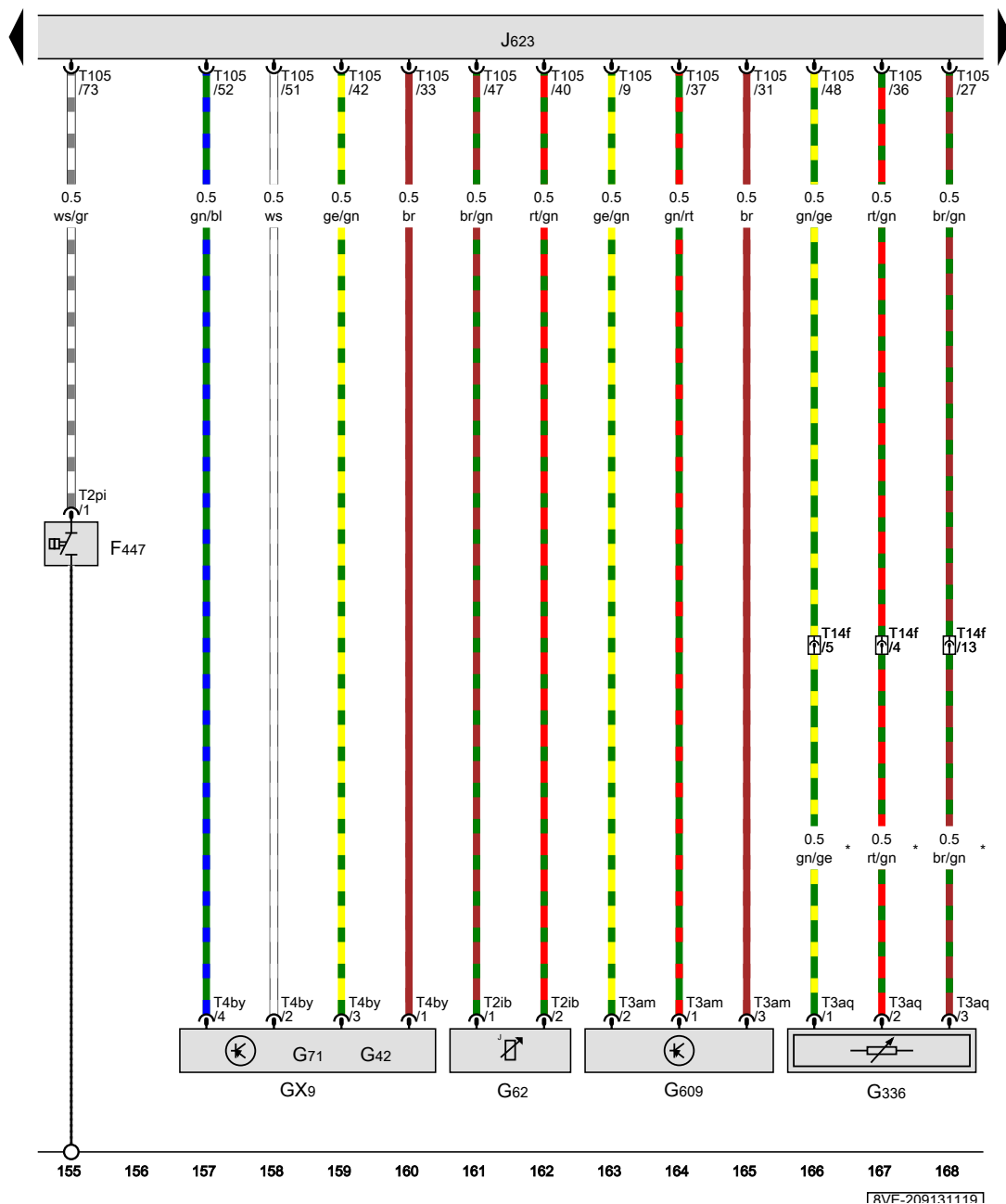
- F366 Cam adjustment actuator 1
- F367 Cam adjustment actuator 2
- F368 Cam adjustment actuator 3
- J623 Engine/motor control unit
- T2ov 2-pin connector, black
- T2ow 2-pin connector, black
- T2ox 2-pin connector, black
- T4bt 4-pin connector, black
- T5ab 5-pin connector, black
- T17 17-pin connector, on lower section of left A-pillar, blue
- T17b 17-pin connector, on lower section of left A-pillar, brown
- T17c 17-pin connector, on lower section of left A-pillar, red
- T91 91-pin connector, black
- T105 105-pin connector, black
- V144 Fuel system diagnostic pump

- D180 Connection (87a), in engine compartment wiring harness
- D206 Connection 4 (87a) in engine prewiring harness



Oil pressure switch, Cam adjustment actuator 4, Cam adjustment actuator 5, Cam adjustment actuator 6, Cam adjustment actuator 7, Cam adjustment actuator 8, Oil pressure switch for reduced oil pressure, Engine/motor control unit

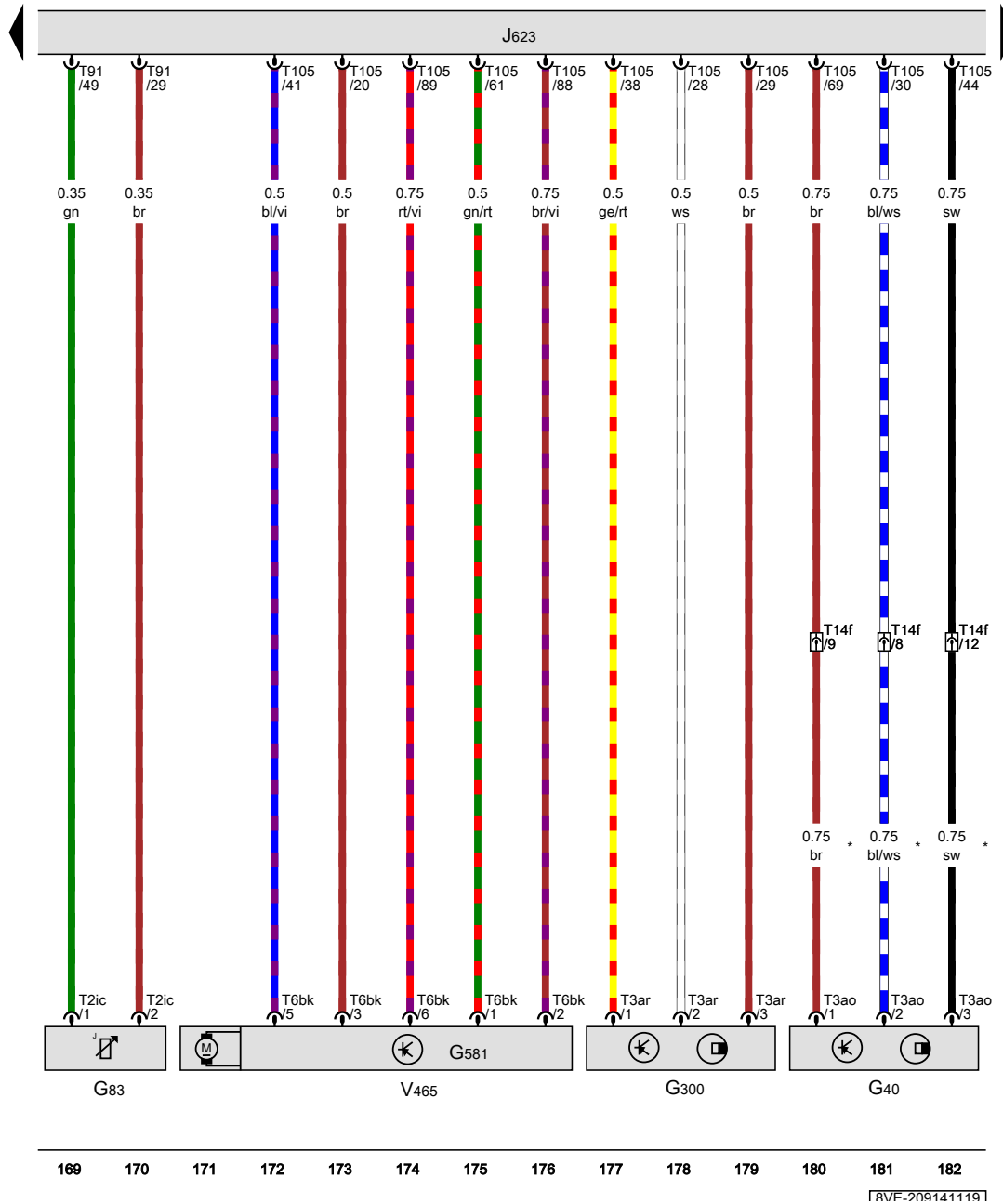
- F22 Oil pressure switch
- F369 Cam adjustment actuator 4
- F370 Cam adjustment actuator 5
- F371 Cam adjustment actuator 6
- F372 Cam adjustment actuator 7
- F373 Cam adjustment actuator 8
- F378 Oil pressure switch for reduced oil pressure
- J623 Engine/motor control unit
- T1d 1-pin connector
- T1i 1-pin connector, black
- T2oy 2-pin connector, black
- T2oz 2-pin connector, black
- T2pa 2-pin connector, black
- T2pb 2-pin connector, black
- T2pc 2-pin connector, black
- T105 105-pin connector, black
- D206 Connection 4 (87a) in engine prewiring harness



Intake manifold sender, Intake air temperature sender, Coolant temperature sender, Intake manifold pressure sender, Intake manifold flap potentiometer, Engine/motor control unit

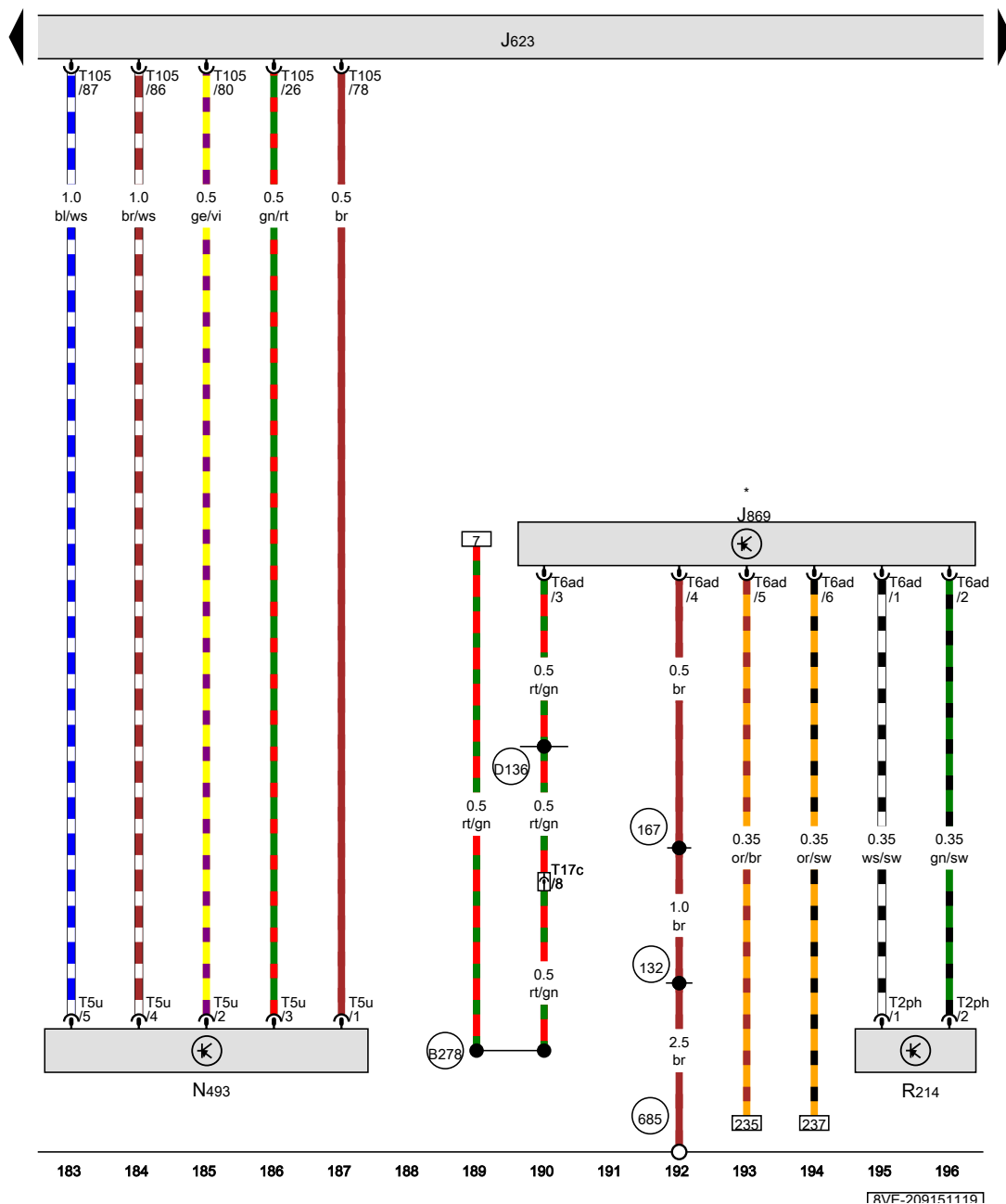
- F447 Stage 3 oil pressure switch
- GX9 Intake manifold sender
- G42 Intake air temperature sender
- G62 Coolant temperature sender
- G71 Intake manifold pressure sender
- G336 Intake manifold flap potentiometer
- G609 Sender 1 for secondary air pressure
- J623 Engine/motor control unit
- T2ib 2-pin connector, black
- T2pi 2-pin connector, black
- T3am 3-pin connector, black
- T3aq 3-pin connector, black
- T4by 4-pin connector, black
- T14f 14-pin connector, in engine compartment, black
- T105 105-pin connector, black
- * Wiring colour depends on equipment

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



Hall sender, Radiator outlet coolant temperature sender, Hall sender 3, Engine/motor control unit, Charge pressure positioner

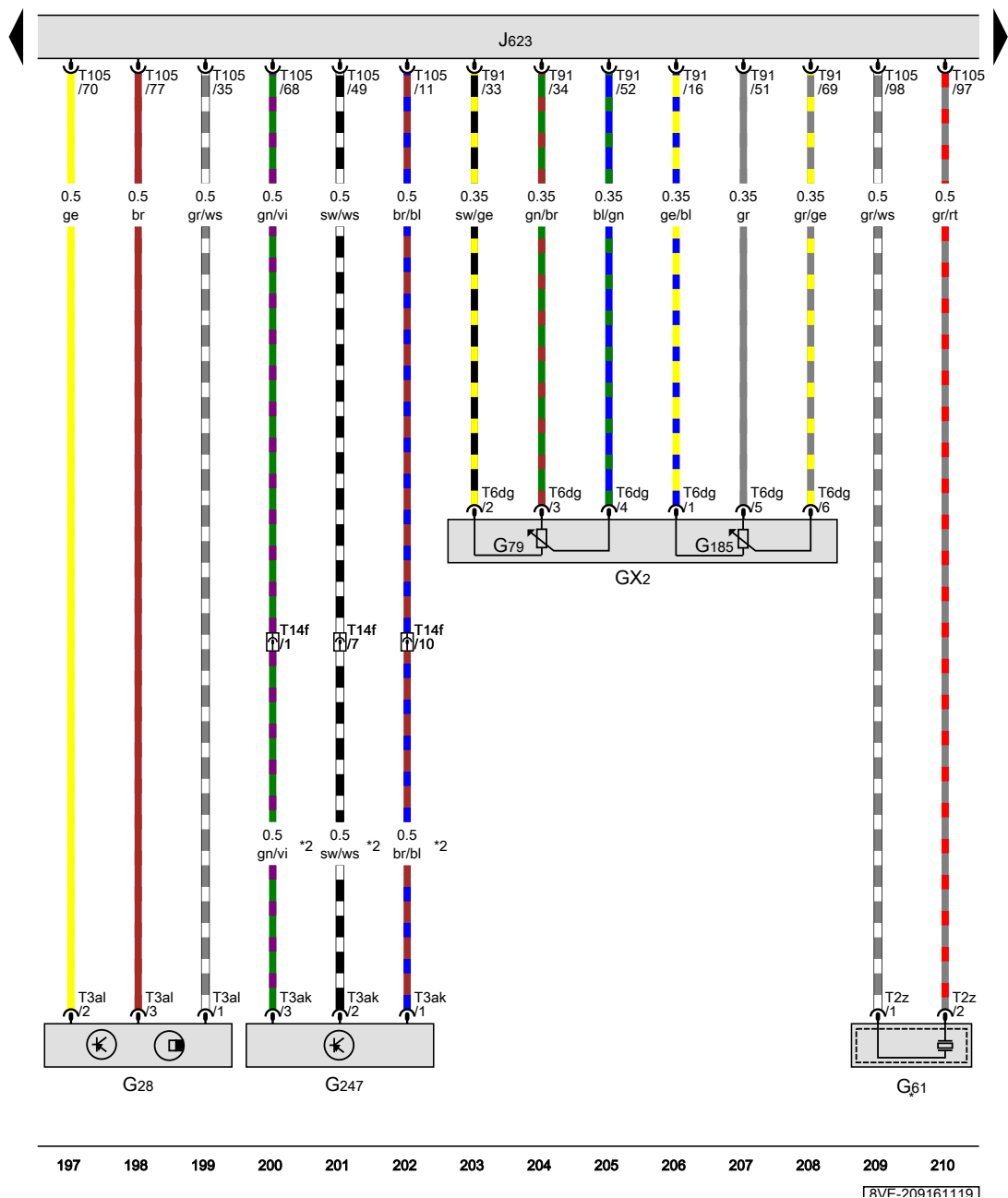
- G40 Hall sender
- G83 Radiator outlet coolant temperature sender
- G300 Hall sender 3
- G581 Position sender for charge pressure positioner
- J623 Engine/motor control unit
- T2ic 2-pin connector, black
- T3ao 3-pin connector, black
- T3ar 3-pin connector, black
- T6bk 6-pin connector, grey
- T14f 14-pin connector, in engine compartment, black
- T91 91-pin connector, black
- T105 105-pin connector, black
- V465 Charge pressure positioner
- * Wiring colour depends on equipment



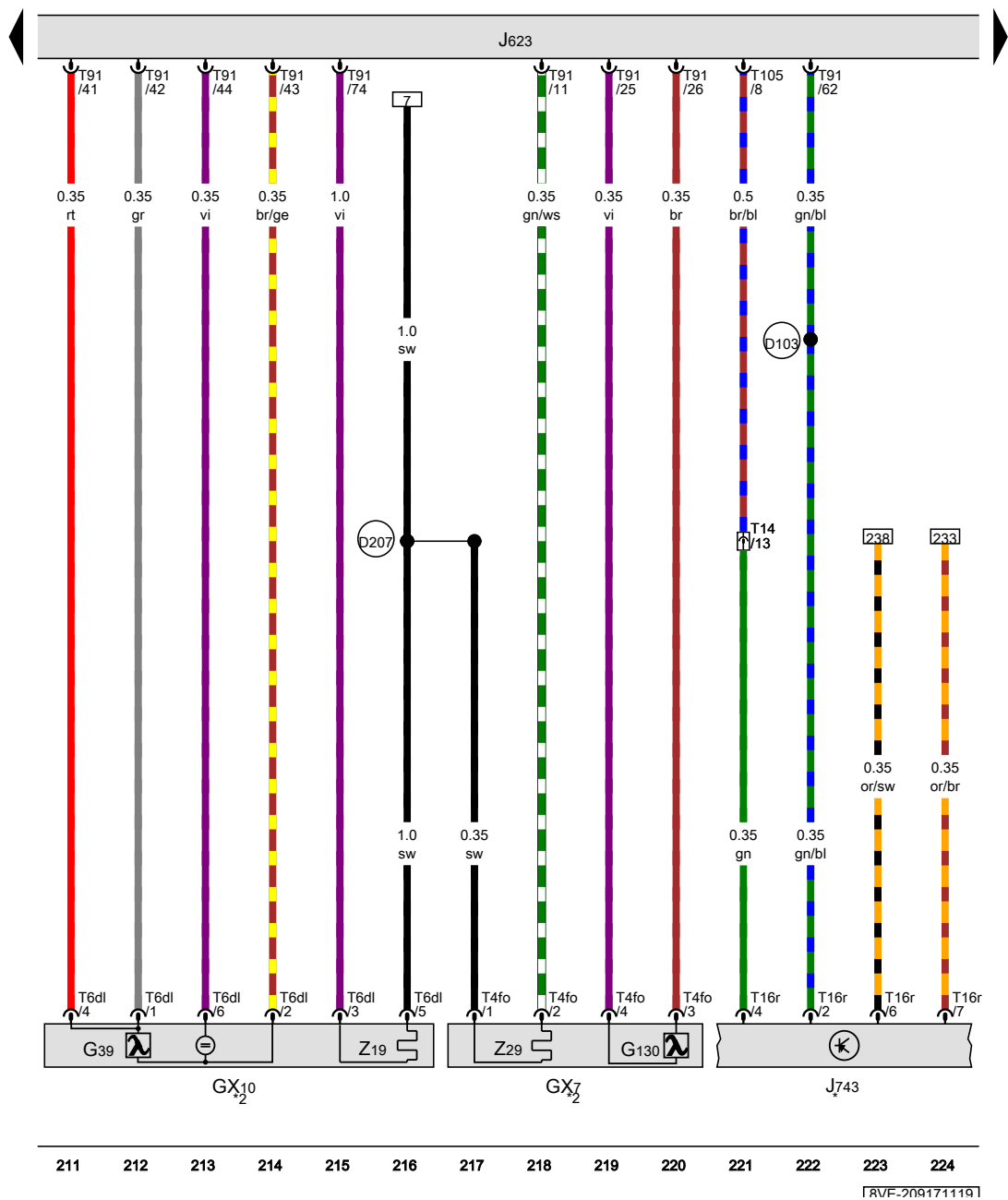
Engine/motor control unit, Control unit for structure-borne sound, Actuator for engine temperature regulation, Actuator for structure-borne sound

- J623 Engine/motor control unit
- J869 Control unit for structure-borne sound
- N493 Actuator for engine temperature regulation
- R214 Actuator for structure-borne sound
- T2ph 2-pin connector, black
- T5u 5-pin connector, black
- T6ad 6-pin connector, black
- T17c 17-pin connector, on lower section of left A-pillar, red
- T105 105-pin connector, black
- 132 Earth connection 3, in engine compartment wiring harness
- 167 Earth connection 4, in engine compartment wiring harness
- 685 Earth point 1, on front of right longitudinal member
- B278 Positive connection 2 (15a) in main wiring harness
- D136 Positive connection 2 (15a), in engine compartment wiring harness
- * According to equipment

Accelerator pedal module, Engine speed sender, Knock sensor 1, Fuel pressure sender, Engine/motor control unit



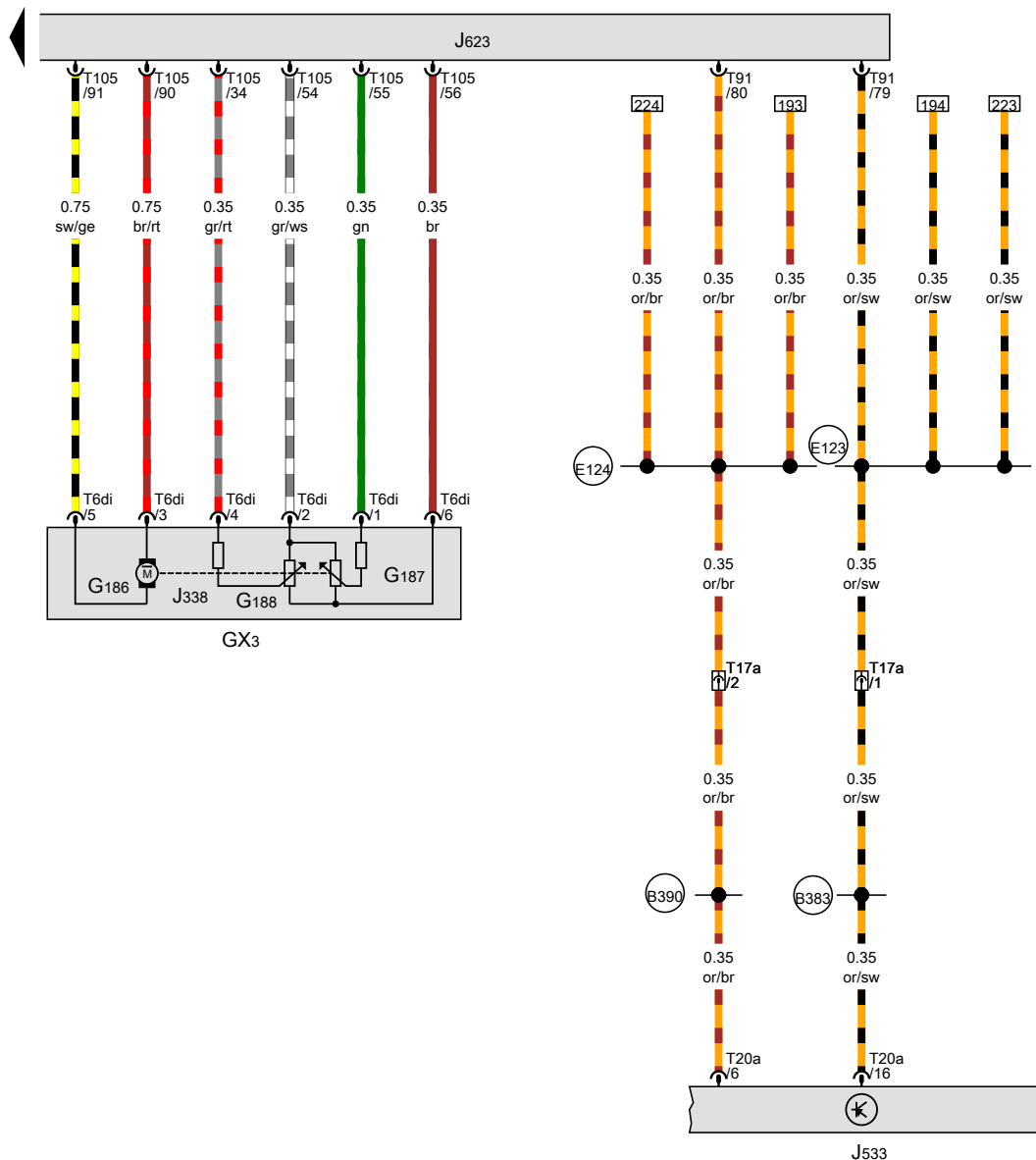
- GX2 Accelerator pedal module
- G28 Engine speed sender
- G61 Knock sensor 1
- G79 Accelerator position sender
- G185 Accelerator position sender 2
- G247 Fuel pressure sender
- J623 Engine/motor control unit
- T2z 2-pin connector, black
- T3ak 3-pin connector, black
- T3al 3-pin connector, black
- T6dg 6-pin connector, black
- T14f 14-pin connector, in engine compartment, black
- T91 91-pin connector, black
- T105 105-pin connector, black
- * Pre-wired component
- *2 Wiring colour depends on equipment



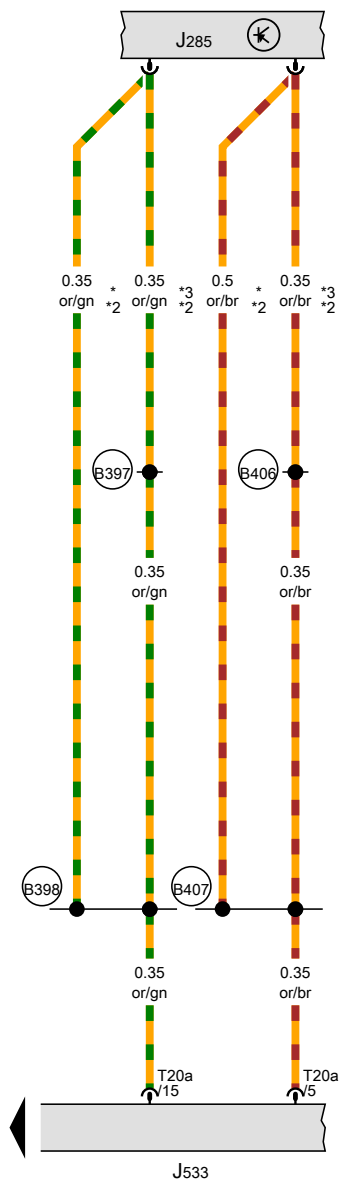
Lambda probe 1 after catalytic converter, Lambda probe 1 before catalytic converter, Engine/motor control unit, Mechatronic unit for dual clutch gearbox, Lambda probe heater

- GX7 Lambda probe 1 after catalytic converter
- GX10 Lambda probe 1 before catalytic converter
- G39 Lambda probe
- G130 Lambda probe after catalytic converter
- J623 Engine/motor control unit
- J743 Mechatronic unit for dual clutch gearbox
- T4fo 4-pin connector, black
- T6dl 6-pin connector, black
- T14 14-pin connector, on left in engine compartment, grey
- T16r 16-pin connector
- T91 91-pin connector, black
- T105 105-pin connector, black
- Z19 Lambda probe heater
- Z29 Lambda probe 1 heater after catalytic converter
- D103 Connection 3 in engine compartment wiring harness
- D207 Connection 7 (87a), in engine compartment wiring harness
- * For models with dual clutch gearbox
- *2 Pre-wired component

Throttle valve module, Data bus diagnostic interface, Engine/motor control unit



- GX3 Throttle valve module
- G186 Throttle valve drive for electric throttle
- G187 Throttle valve drive angle sender 1 for electric throttle
- G188 Throttle valve drive angle sender 2 for electric throttle
- J338 Throttle valve module
- J533 Data bus diagnostic interface
- J623 Engine/motor control unit
- T6di 6-pin connector, black
- T17a 17-pin connector, on lower section of left A-pillar, black
- T20a 20-pin connector, red
- T91 91-pin connector, black
- T105 105-pin connector, black
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- E123 Connection 1 (powertrain CAN bus, high), in engine wiring harness
- E124 Connection 1 (powertrain CAN bus, low), in engine wiring harness



Control unit in dash panel insert, Data bus diagnostic interface

J285 Control unit in dash panel insert
J533 Data bus diagnostic interface
T20a 20-pin connector, red

B397 Connection 1 (convenience CAN bus, high), in main wiring harness

B398 Connection 2 (convenience CAN bus, high), in main wiring harness

B406 Connection 1 (convenience CAN bus, low), in main wiring harness

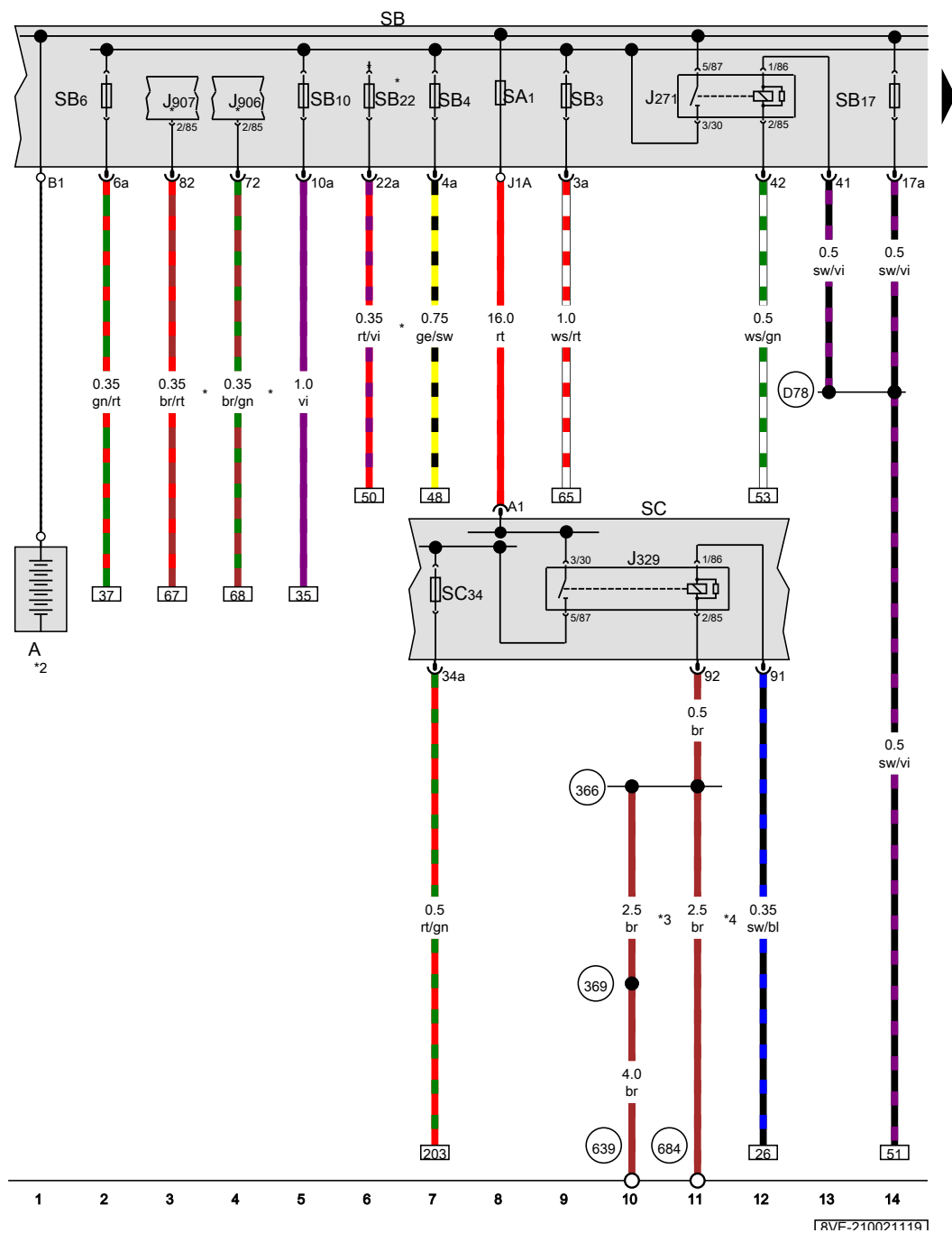
B407 Connection 2 (convenience CAN bus, low), in main wiring harness

* For right-hand drive models
*2 see applicable current flow diagram for dash panel insert
*3 For left-hand drive models

ws = white
sw = black
ro = red
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gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

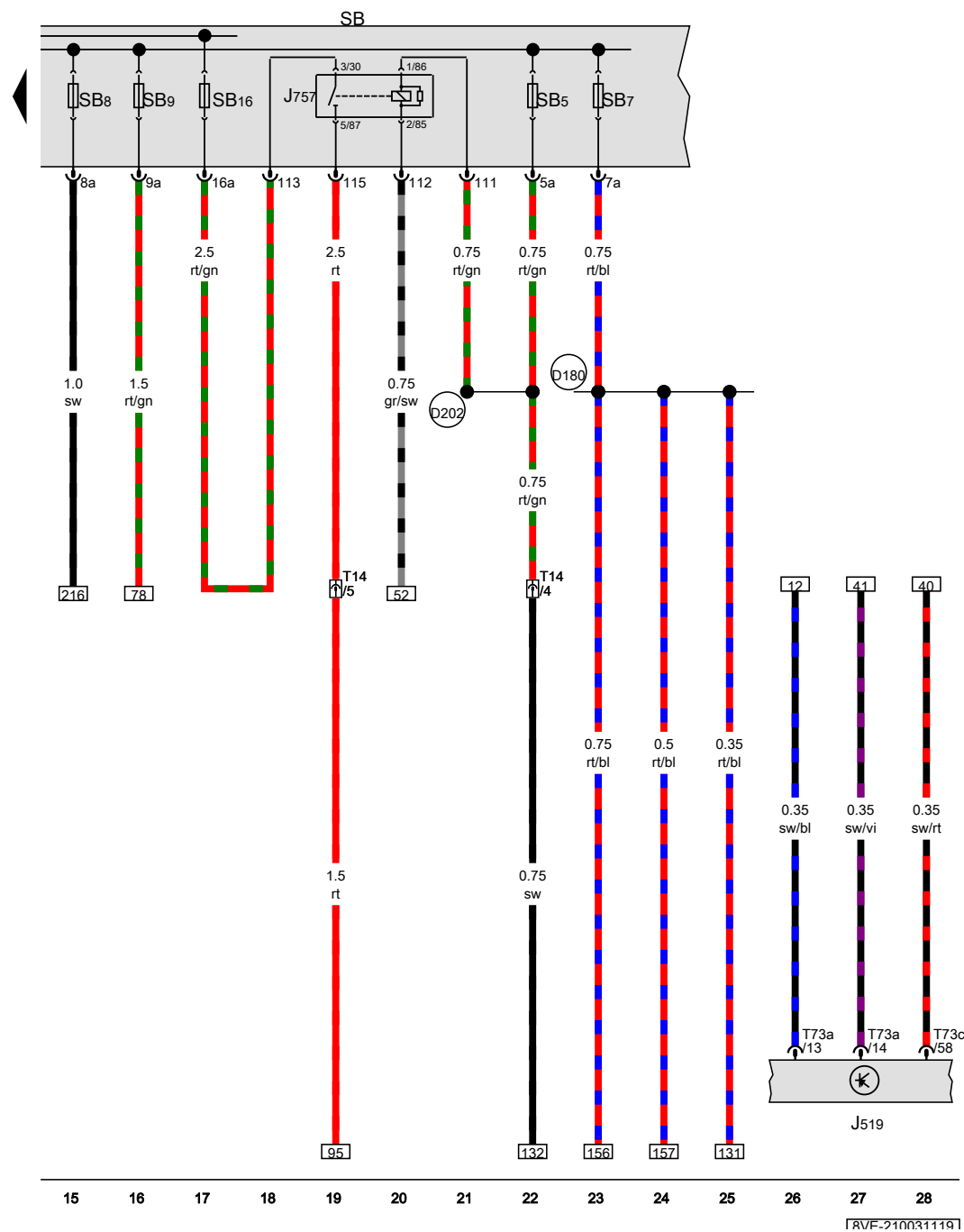
2.0l petrol engine , DLRA

From July 2018



Main relay, Terminal 15 voltage supply relay, Fuse holder B, Fuse holder C

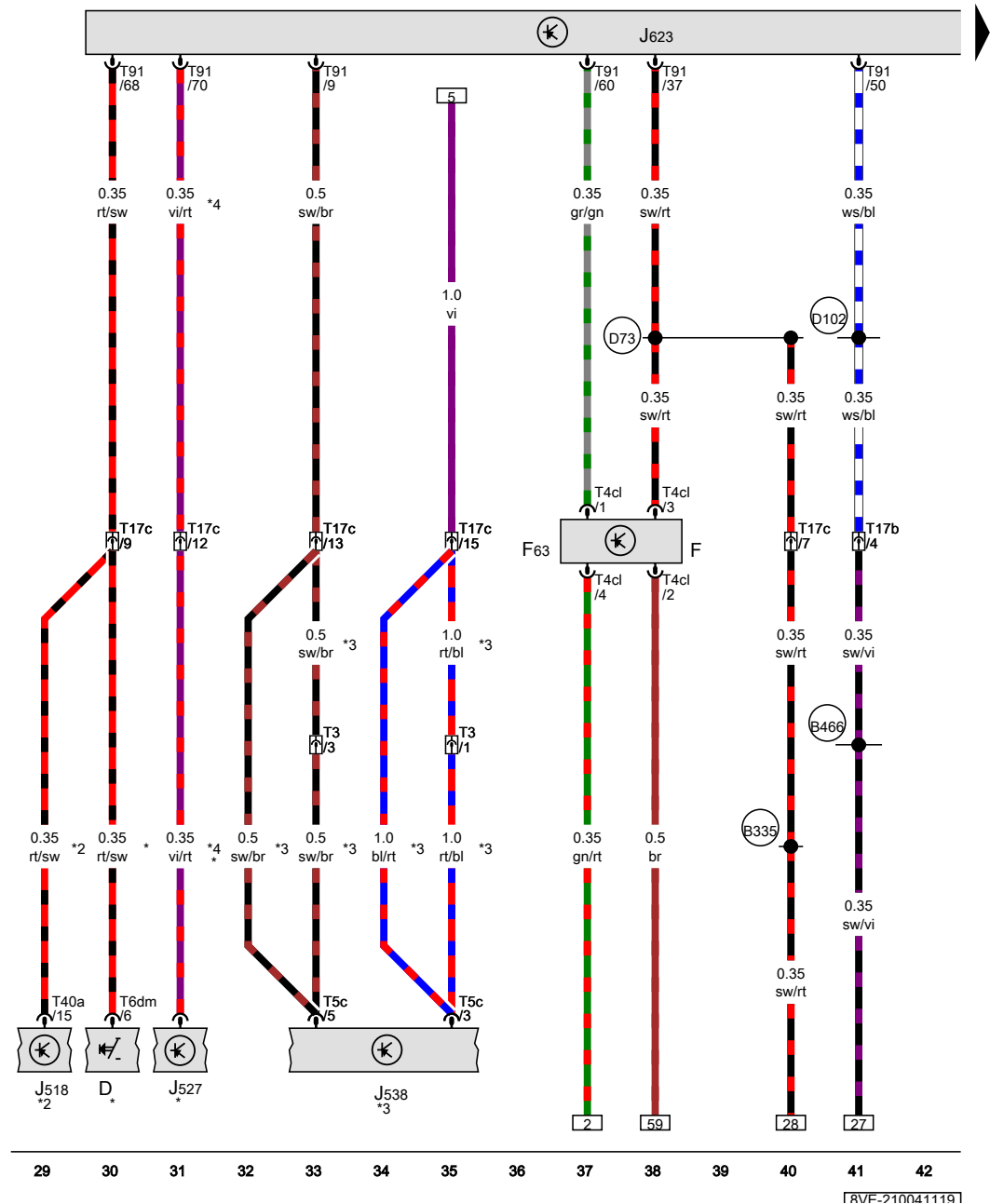
- A Battery
- J271 Main relay
- J329 Terminal 15 voltage supply relay
- J906 Starter relay 1
- J907 Starter relay 2
- SA1 Fuse 1 on fuse holder A
- SB Fuse holder B
- SB3 Fuse 3 on fuse holder B
- SB4 Fuse 4 on fuse holder B
- SB6 Fuse 6 on fuse holder B
- SB10 Fuse 10 on fuse holder B
- SB17 Fuse 17 on fuse holder B
- SB22 Fuse 22 on fuse holder B
- SC Fuse holder C
- SC34 Fuse 34 on fuse holder C
- 366 Earth connection 1, in main wiring harness
- 369 Earth connection 4, in main wiring harness
- 639 Earth point, left A-pillar
- 684 Earth point on front of left side member
- D78 Positive connection 1 (30a), in engine compartment wiring harness
- * see applicable current flow diagram for battery in engine compartment
- *2 see applicable current flow diagram for battery
- *3 For left-hand drive models
- *4 For right-hand drive models



Onboard supply control unit, Engine component current supply relay, Fuse holder B

- J519 Onboard supply control unit
- J757 Engine component current supply relay
- SB Fuse holder B
- SB5 Fuse 5 on fuse holder B
- SB7 Fuse 7 on fuse holder B
- SB8 Fuse 8 on fuse holder B
- SB9 Fuse 9 on fuse holder B
- SB16 Fuse 16 on fuse holder B
- T14 14-pin connector, grey
- T73a 73-pin connector, black
- T73c 73-pin connector, black
- D180 Connection (87a), in engine compartment wiring harness
- D202 Connection 6 (87a), in engine compartment wiring harness

Brake light switch, Brake pedal switch, Entry and start authorisation control unit, Steering column electronics control unit, Fuel pump control unit, Engine/motor control unit



ws = white
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 ro = red
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 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

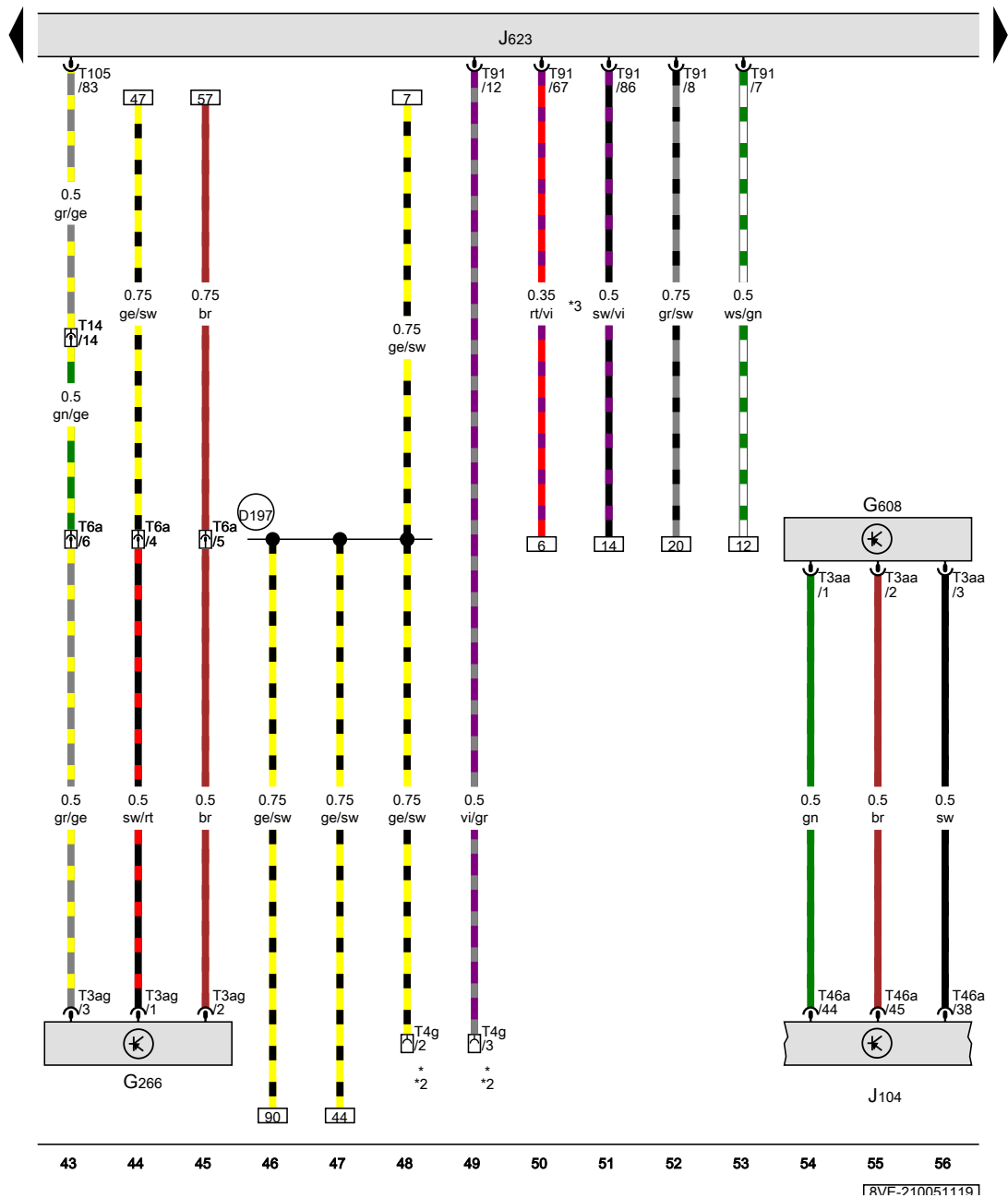
- D Ignition/starter switch
- F Brake light switch
- F63 Brake pedal switch
- J518 Entry and start authorisation control unit
- J527 Steering column electronics control unit
- J538 Fuel pump control unit
- J623 Engine/motor control unit
- T3 3-pin connector, black
- T4cl 4-pin connector, black
- T5c 5-pin connector, black
- T6dm 6-pin connector, black
- T17b 17-pin connector, on lower section of left A-pillar, brown
- T17c 17-pin connector, on lower section of left A-pillar, red
- T40a 40-pin connector, black
- T91 91-pin connector, black
- B335 Connection 1 (54), in main wiring harness
- B466 Connection 2, in main wiring harness
- D73 Positive connection (54), in engine compartment wiring harness
- D102 Connection 2 in engine compartment wiring harness
- * see applicable current flow diagram for steering column electronics
- *2 see applicable current flow diagram for entry and start authorisation
- *3 see applicable current flow diagram for fuel system
- *4 For models with cruise control system (CCS)

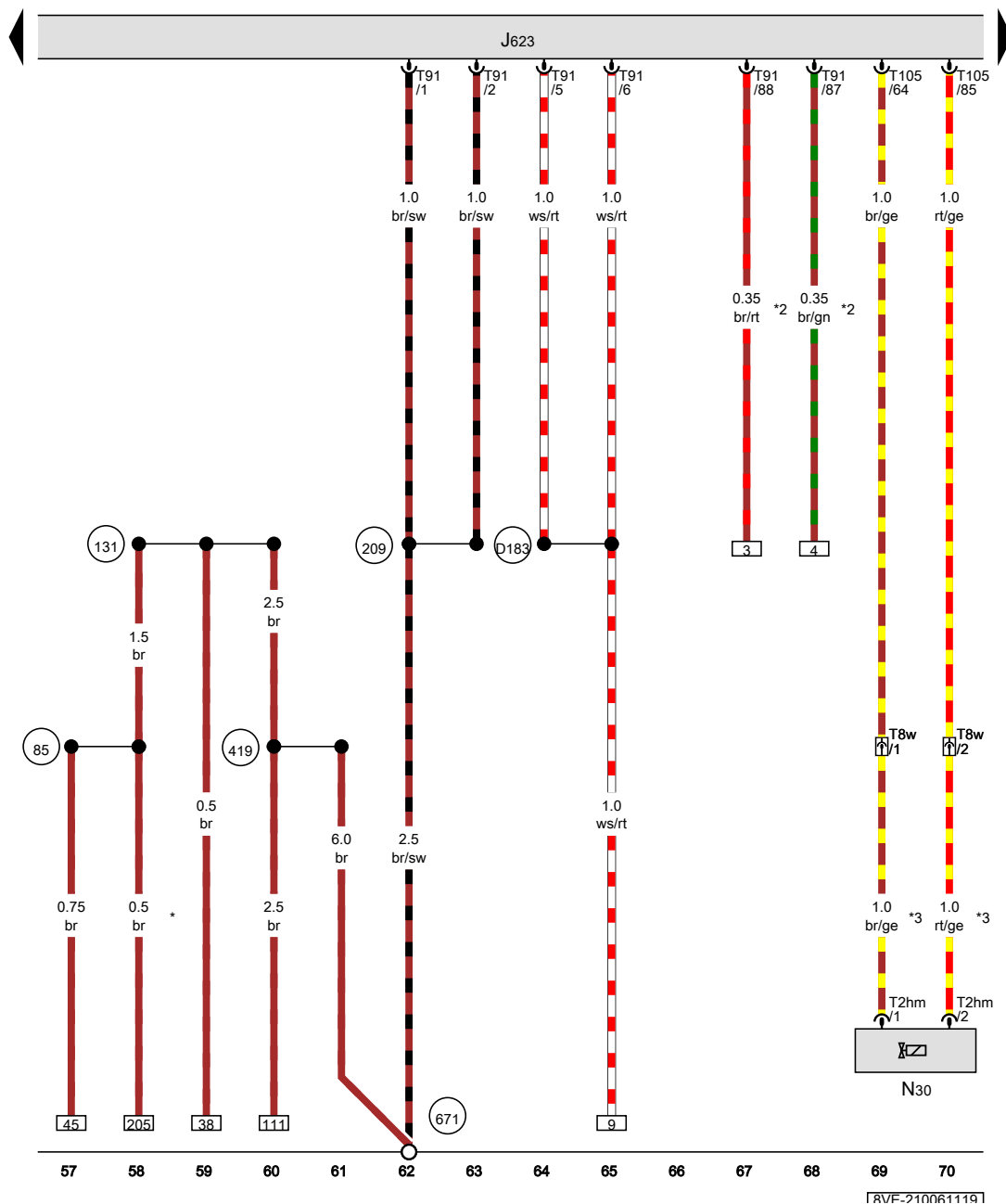
Oil level and oil temperature sender, Vacuum sender, Engine/motor control unit

- G266 Oil level and oil temperature sender
- G608 Vacuum sender
- J104 ABS control unit
- J623 Engine/motor control unit
- T3aa 3-pin connector, black
- T3ag 3-pin connector, black
- T4g 4-pin connector, black
- T6a 6-pin connector, black
- T14 14-pin connector, grey
- T46a 46-pin connector, black
- T91 91-pin connector, black
- T105 105-pin connector, black

D197 Connection 5 (87a), in engine compartment wiring harness

- * Radiator fan connection
- *2 see applicable current flow diagram for radiator fan
- *3 see applicable current flow diagram for battery in engine compartment





Engine/motor control unit, Injector, cylinder 1

J623 Engine/motor control unit

N30 Injector, cylinder 1

T2hm 2-pin connector, black

T8w 8-pin connector, black

T91 91-pin connector, black

T105 105-pin connector, black

85 Earth connection 1, in engine compartment wiring harness

131 Earth connection 2, in engine compartment wiring harness

209 Earth connection 6, in engine compartment wiring harness

419 Earth connection 11, in engine compartment wiring harness

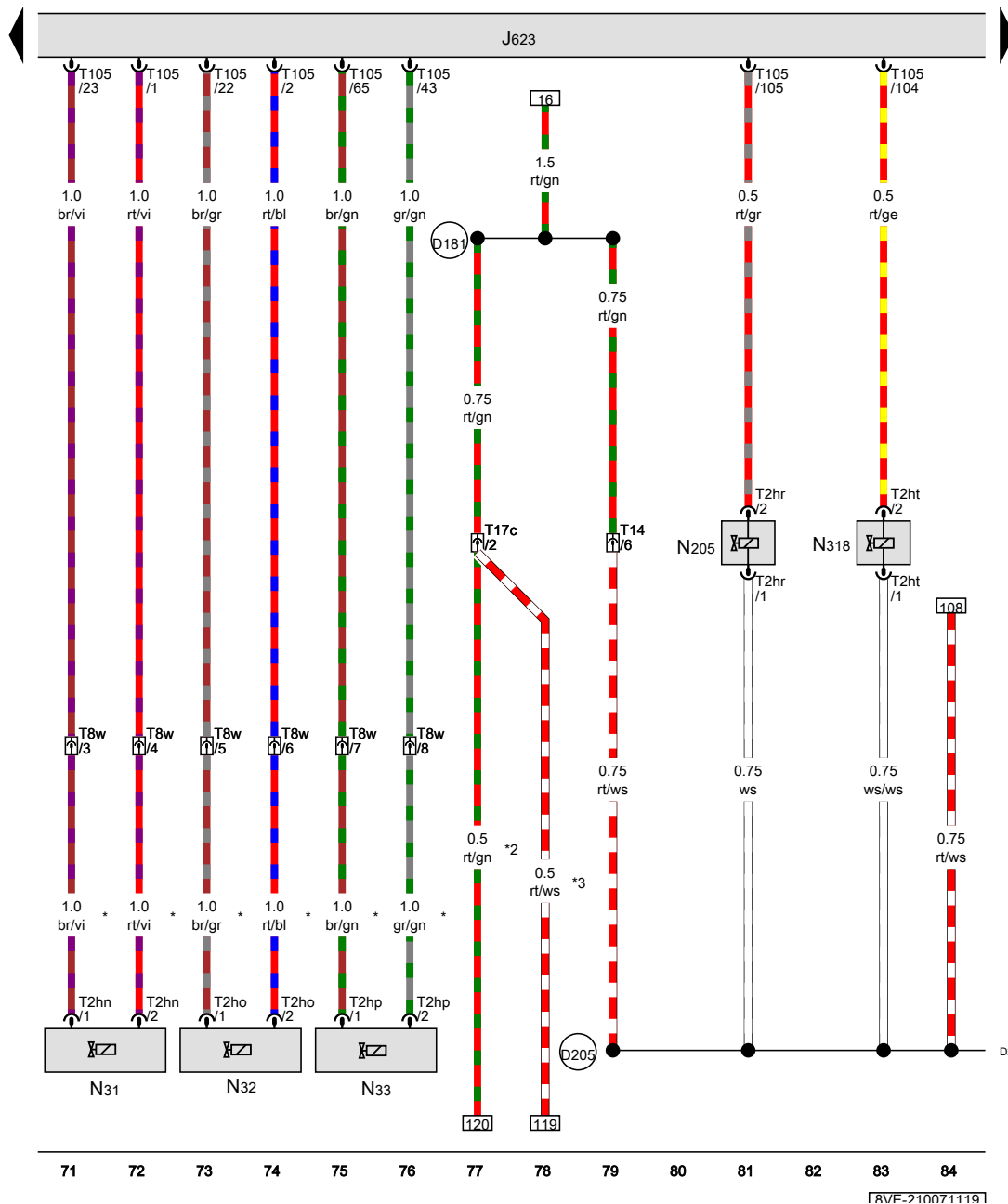
671 Earth point 1, on front of left longitudinal member

D183 Connection 4 (87a), in engine compartment wiring harness

* For right-hand drive models

*2 see applicable current flow diagram for battery in engine compartment

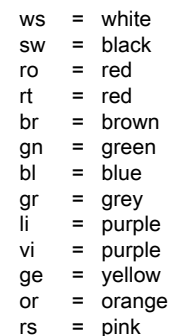
*3 Wiring colour depends on equipment



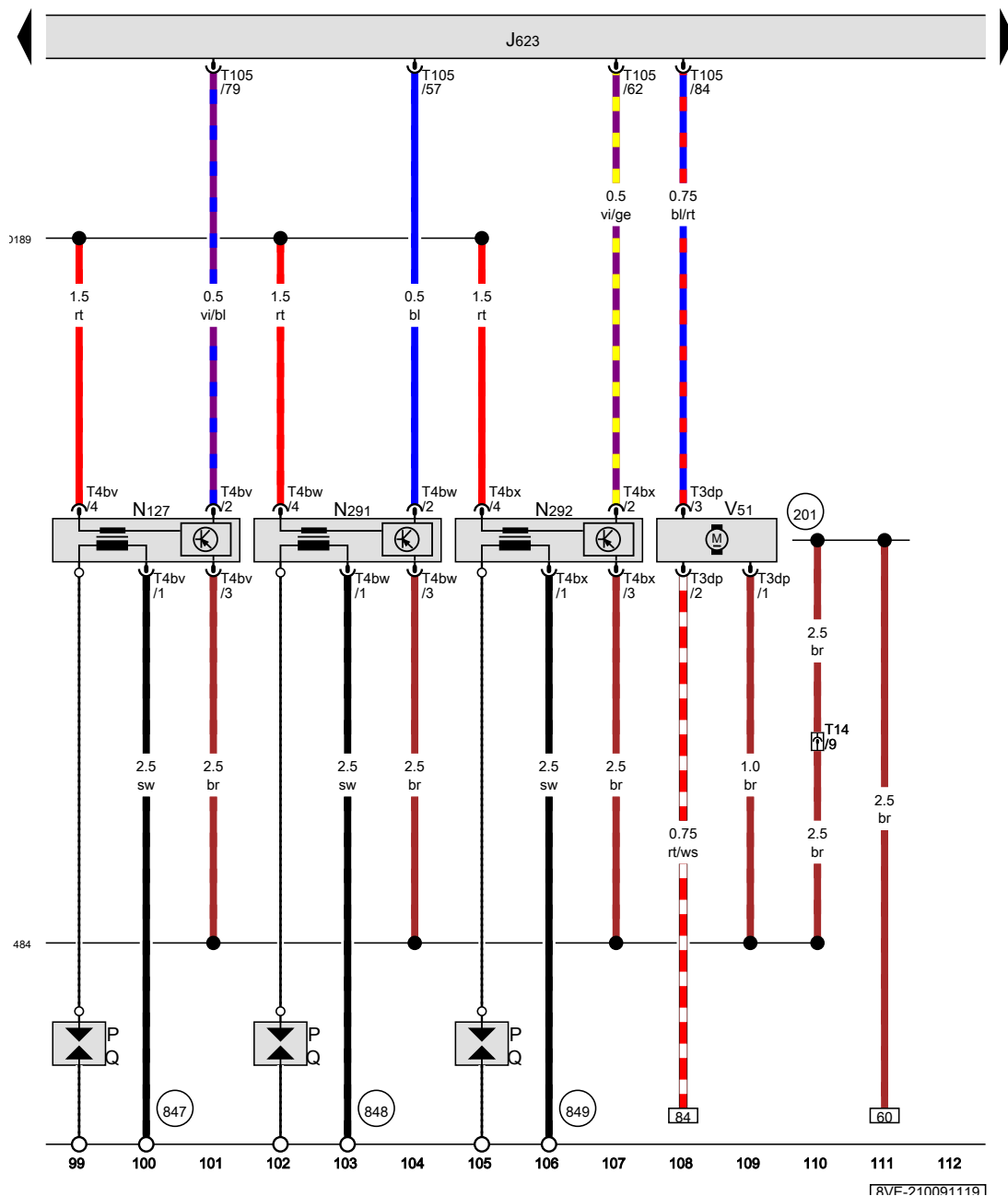
Engine/motor control unit, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4, Camshaft control valve 1, Exhaust camshaft control valve 1

- J623 Engine/motor control unit
- N31 Injector, cylinder 2
- N32 Injector, cylinder 3
- N33 Injector, cylinder 4
- N205 Camshaft control valve 1
- N318 Exhaust camshaft control valve 1
- T2hn 2-pin connector, black
- T2ho 2-pin connector, black
- T2hp 2-pin connector, black
- T2ht 2-pin connector, black
- T8w 8-pin connector, black
- T14 14-pin connector, grey
- T17c 17-pin connector, on lower section of left A-pillar, red
- T105 105-pin connector, black
- D181 Connection 2 (87a), in engine compartment wiring harness
- D205 Connection 3 (87a) in engine prewiring harness
- * Wiring colour depends on equipment
- *2 Standard equipment
- *3 Optional equipment

ws = white
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 br = brown
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 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



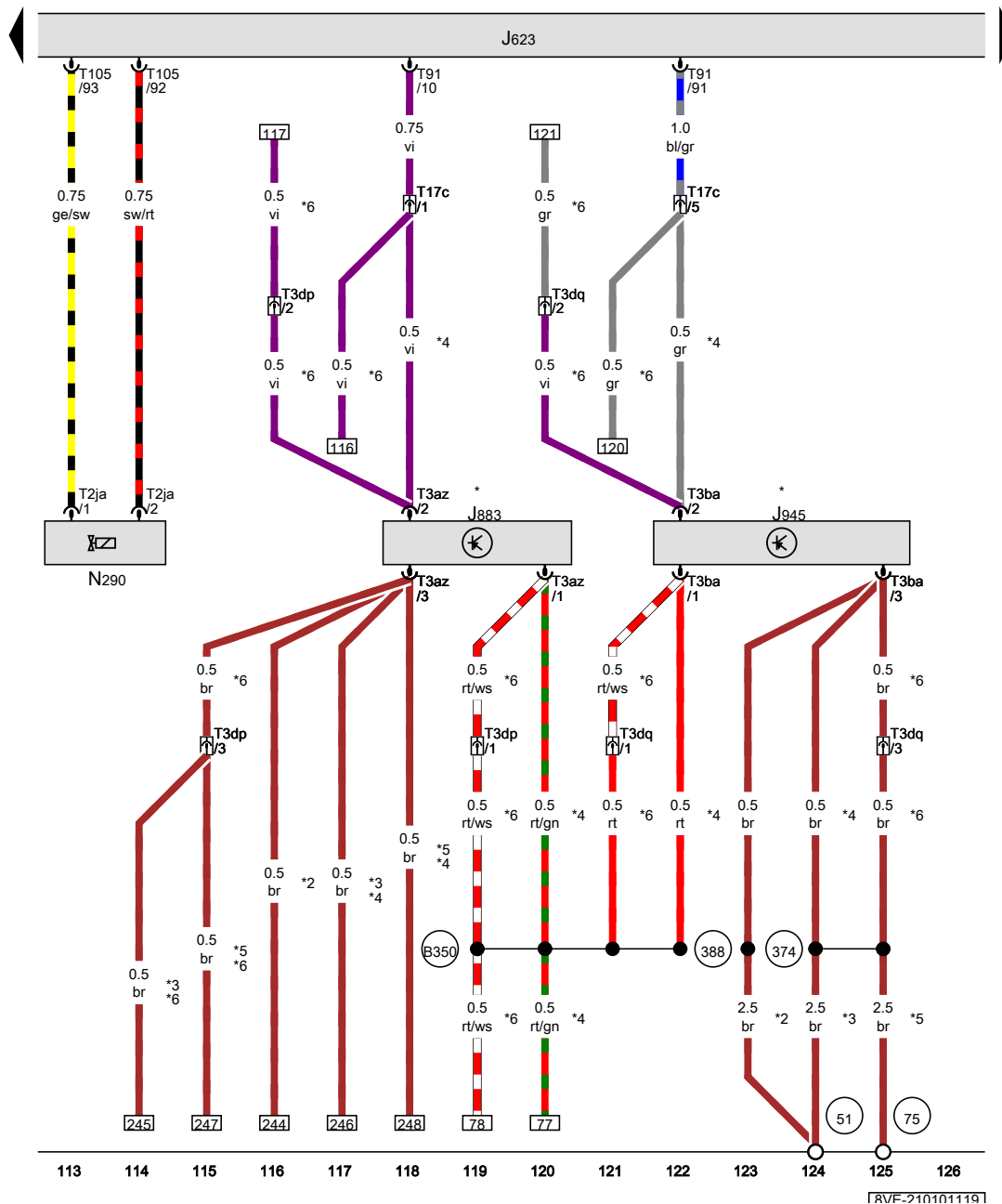
(D205) Connection 3 (87a) in engine prewiring harness



Engine/motor control unit, Ignition coil 2 with output stage, Ignition coil 3 with output stage, Ignition coil 4 with output stage, Continued coolant circulation pump

- J623 Engine/motor control unit
- N127 Ignition coil 2 with output stage
- N291 Ignition coil 3 with output stage
- N292 Ignition coil 4 with output stage
- P Spark plug connector
- Q Spark plugs
- T3dp 3-pin connector, black
- T4bv 4-pin connector, black
- T4bw 4-pin connector, black
- T4bx 4-pin connector, black
- T14 14-pin connector, grey
- T105 105-pin connector, black
- V51 Continued coolant circulation pump

- 201 Earth connection 5, in engine compartment wiring harness
- 484 Earth connection 2 (ignition coils), in engine prewiring harness
- 847 Earth point on ignition coil 2
- 848 Earth point on ignition coil 3
- 849 Earth point on ignition coil 4
- D189 Connection (87a) in engine prewiring harness



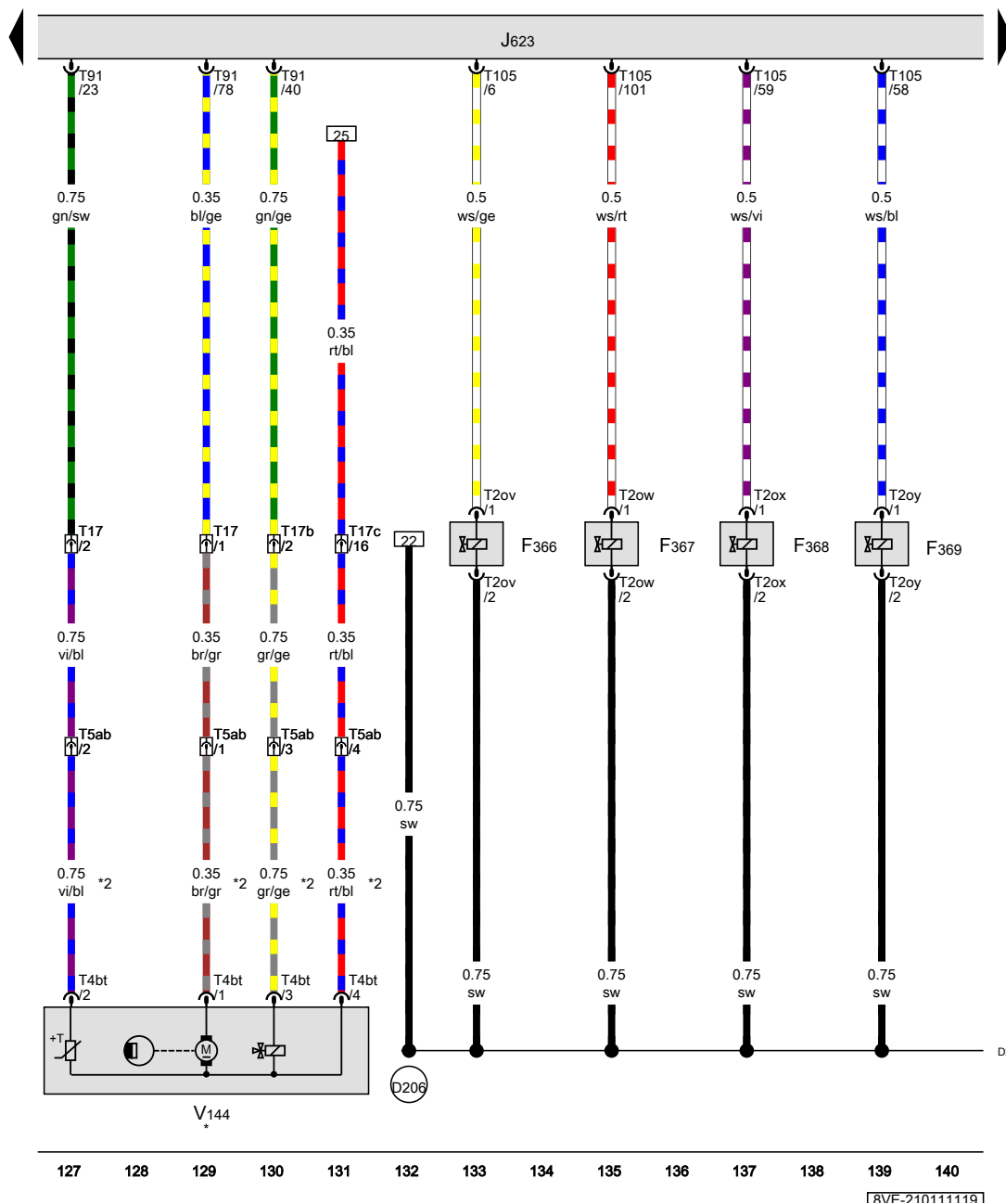
Engine/motor control unit, Fuel metering valve

- J623 Engine/motor control unit
- J883 Exhaust flap control unit
- J945 Exhaust flap control unit 2
- N290 Fuel metering valve
- T2ja 2-pin connector, black
- T3az 3-pin connector, black
- T3ba 3-pin connector, black
- T3dp 3-pin connector
- T3dq 3-pin connector
- T17c 17-pin connector, on lower section of left A-pillar, red
- T91 91-pin connector, black
- T105 105-pin connector, black

- 51 Earth point, on right in luggage compartment
- 75 Earth point, rear right pillar
- 374 Earth connection 9, in main wiring harness
- 388 Earth connection 23, in main wiring harness
- B350 Positive connection 1 (87a) in main wiring harness

- * According to equipment
- *2 For Cabriolet models
- *3 For models with 4 doors
- *4 Standard equipment
- *5 For models with 5 doors
- *6 Optional equipment

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

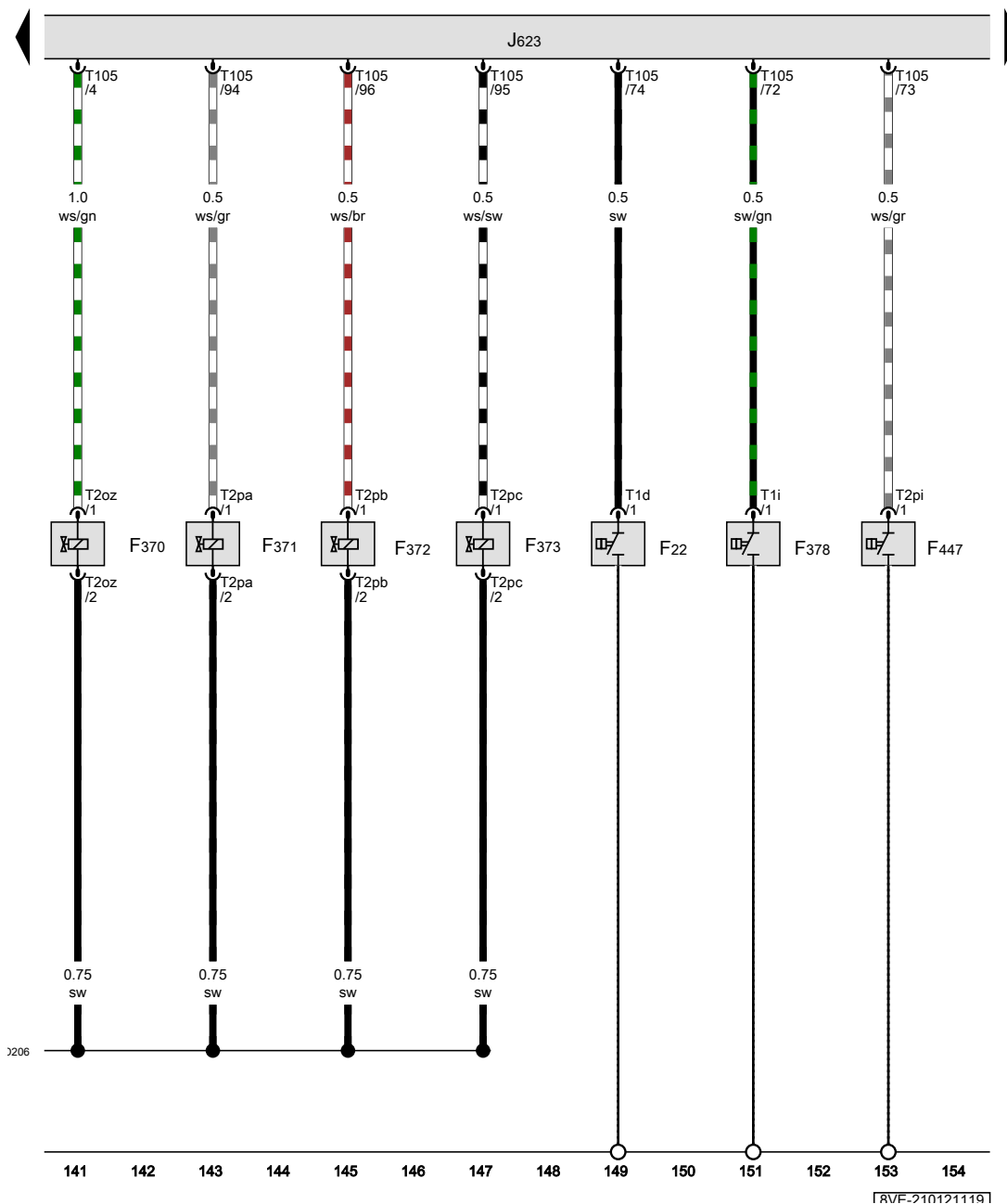


Cam adjustment actuator 1, Cam adjustment actuator 2, Cam adjustment actuator 3, Cam adjustment actuator 4, Engine/motor control unit, Fuel system diagnostic pump

- F366 Cam adjustment actuator 1
- F367 Cam adjustment actuator 2
- F368 Cam adjustment actuator 3
- F369 Cam adjustment actuator 4
- J623 Engine/motor control unit
- T2ov 2-pin connector, black
- T2ow 2-pin connector, black
- T2ox 2-pin connector, black
- T2oy 2-pin connector, black
- T4bt 4-pin connector, black
- T5ab 5-pin connector, black
- T17 17-pin connector, on lower section of left A-pillar, blue
- T17b 17-pin connector, on lower section of left A-pillar, brown
- T17c 17-pin connector, on lower section of left A-pillar, red
- T91 91-pin connector, black
- T105 105-pin connector, black
- V144 Fuel system diagnostic pump

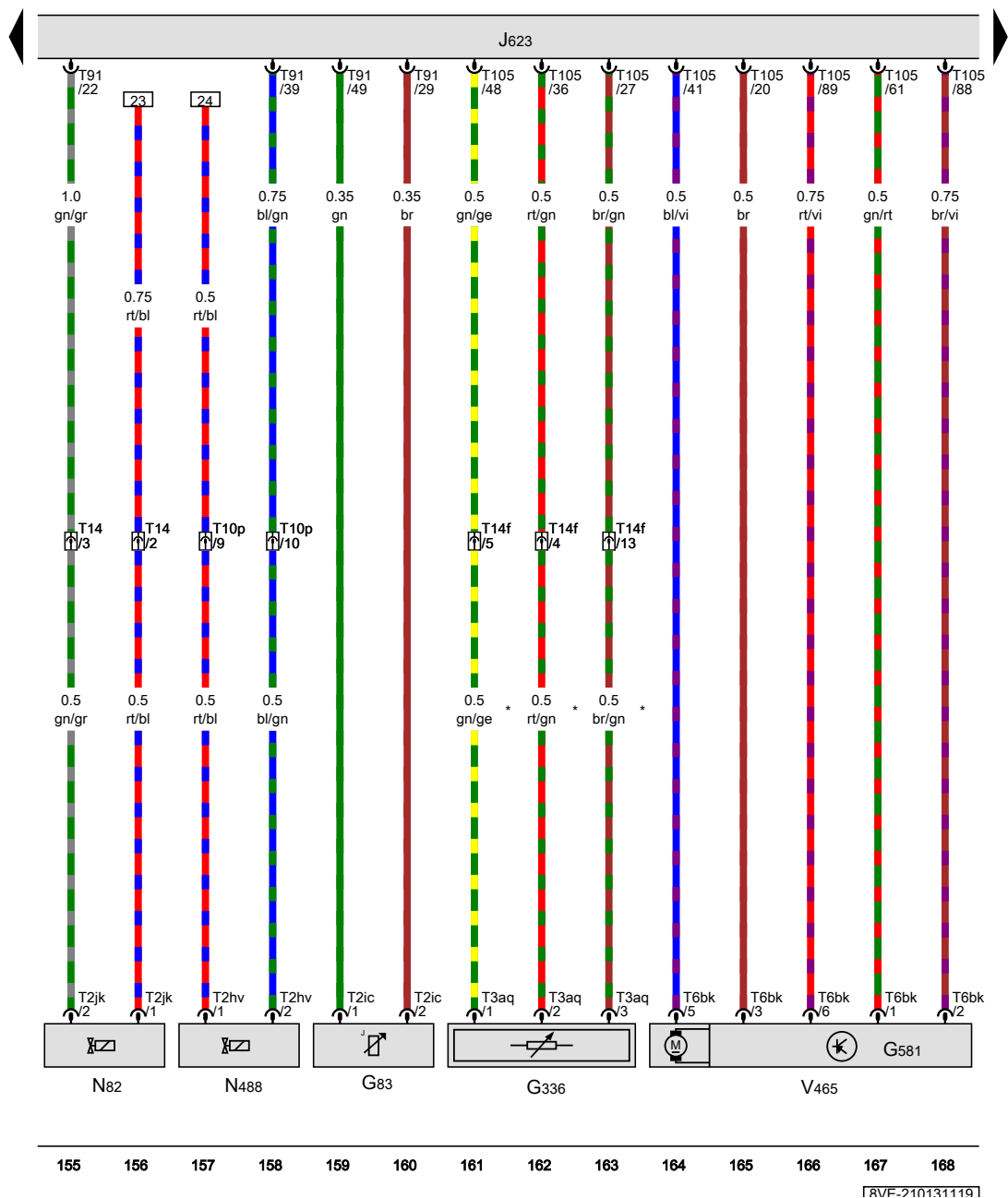
D206 Connection 4 (87a) in engine prewiring harness

- * gradual introduction
- *2 Different wire colour possible



Oil pressure switch, Cam adjustment actuator 5, Cam adjustment actuator 6, Cam adjustment actuator 7, Cam adjustment actuator 8, Oil pressure switch for reduced oil pressure, Engine/motor control unit

- F22 Oil pressure switch
- F370 Cam adjustment actuator 5
- F371 Cam adjustment actuator 6
- F372 Cam adjustment actuator 7
- F373 Cam adjustment actuator 8
- F378 Oil pressure switch for reduced oil pressure
- F447 Stage 3 oil pressure switch
- J623 Engine/motor control unit
- T1d 1-pin connector
- T1i 1-pin connector, black
- T2oz 2-pin connector, black
- T2pa 2-pin connector, black
- T2pb 2-pin connector, black
- T2pc 2-pin connector, black
- T2pi 2-pin connector, black
- T105 105-pin connector, black
- D206 Connection 4 (87a) in engine prewiring harness



Radiator outlet coolant temperature sender, Intake manifold flap potentiometer, Engine/motor control unit, Coolant shut-off valve, Coolant valve for gearbox, Charge pressure positioner

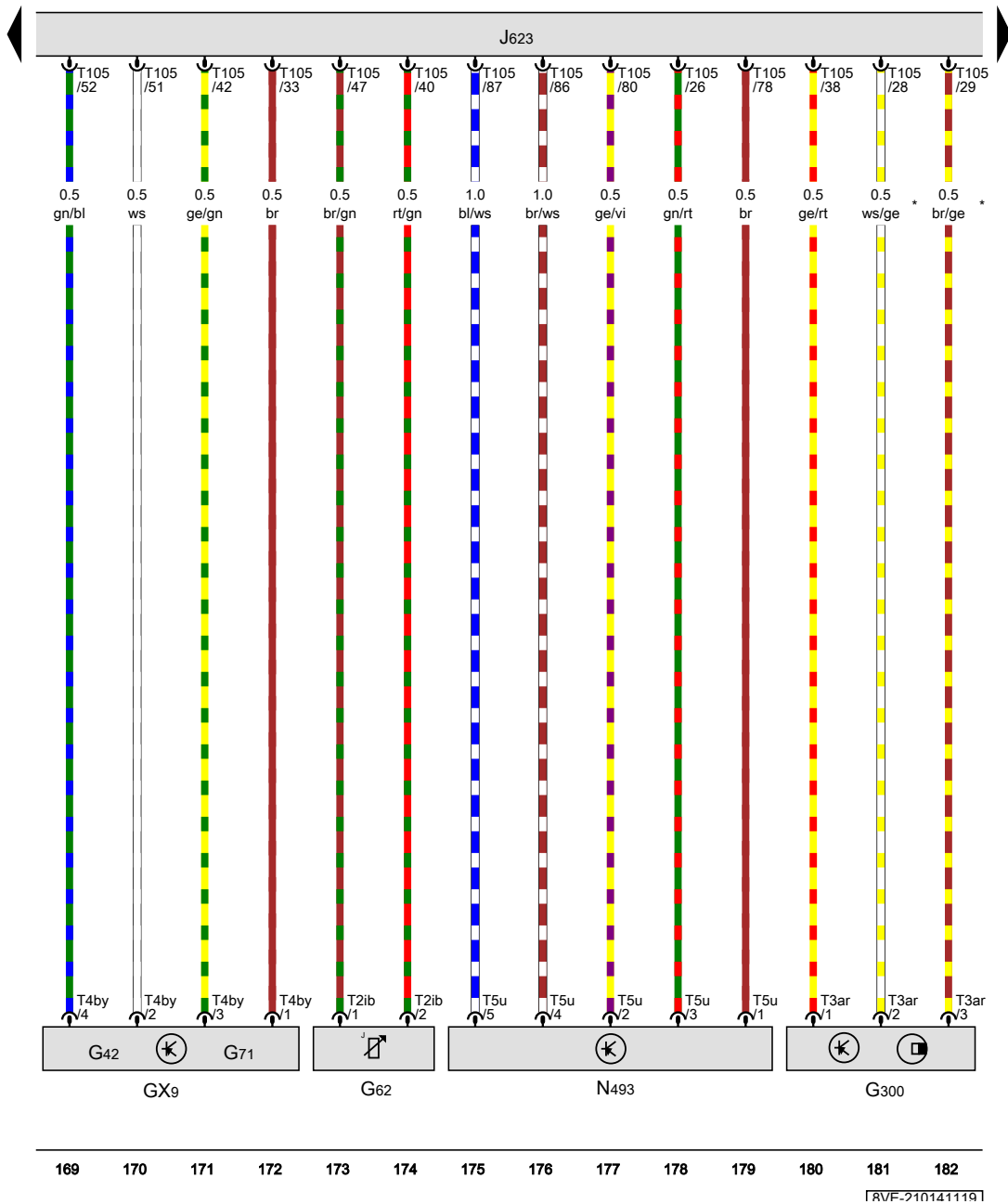
- G83 Radiator outlet coolant temperature sender
- G336 Intake manifold flap potentiometer
- G581 Position sender for charge pressure positioner
- J623 Engine/motor control unit
- N82 Coolant shut-off valve
- N488 Coolant valve for gearbox
- T2hv 2-pin connector, black
- T2ic 2-pin connector, black
- T2jk 2-pin connector, black
- T3aq 3-pin connector, black
- T6bk 6-pin connector, grey
- T10p 10-pin connector, black
- T14 14-pin connector, grey
- T14f 14-pin connector, in engine compartment, black
- T91 91-pin connector, black
- T105 105-pin connector, black
- V465 Charge pressure positioner
- * Wiring colour depends on equipment

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

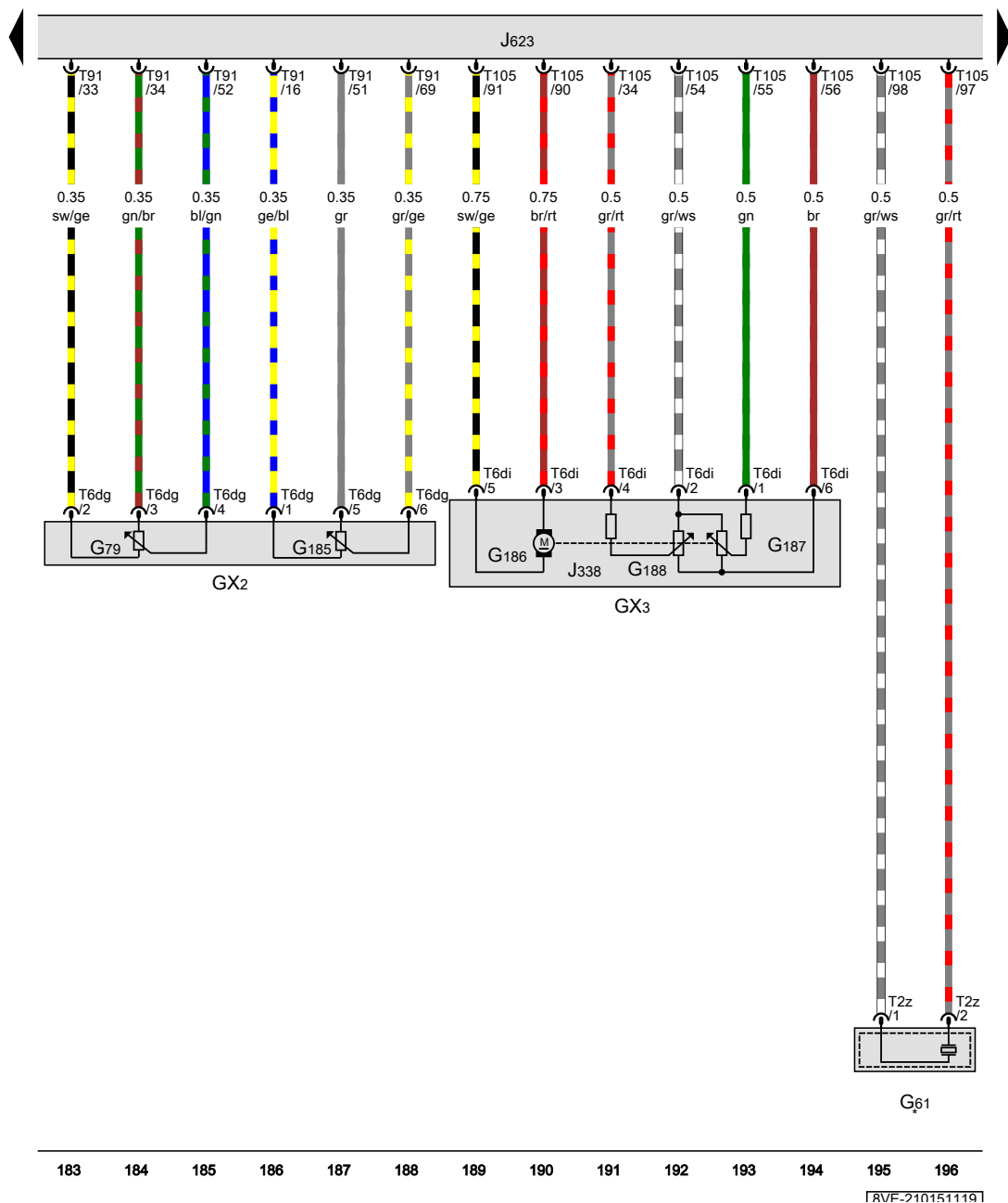
Intake manifold sender, Coolant temperature sender, Hall sender 3, Engine/motor control unit, Actuator for engine temperature regulation

- GX9 Intake manifold sender
- G42 Intake air temperature sender
- G62 Coolant temperature sender
- G71 Intake manifold pressure sender
- G300 Hall sender 3
- J623 Engine/motor control unit
- N493 Actuator for engine temperature regulation
- T2ib 2-pin connector, black
- T3ar 3-pin connector, black
- T4by 4-pin connector, black
- T5u 5-pin connector, black
- T105 105-pin connector, black
- * gradual introduction

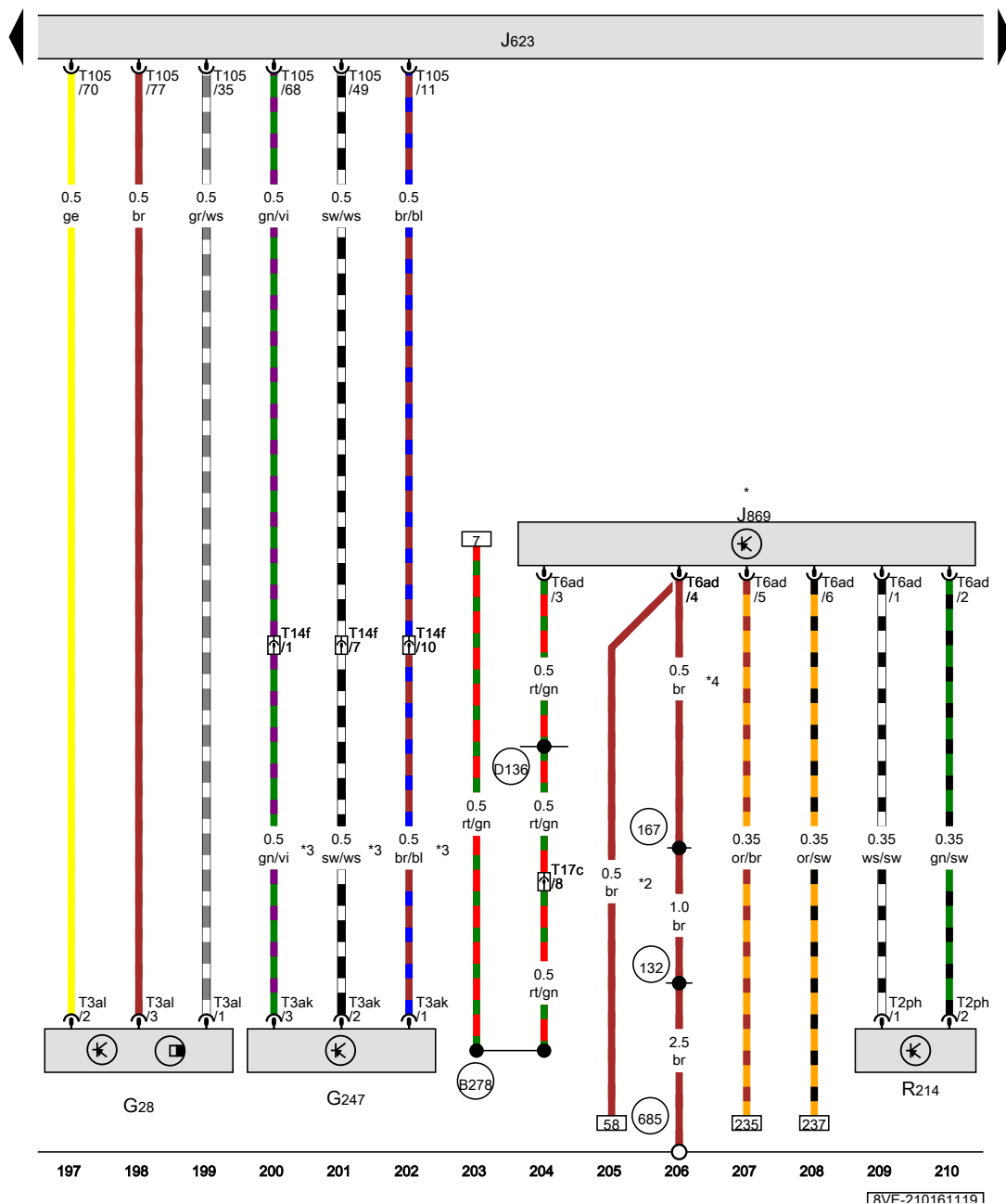
- ws = white
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- vi = purple
- ge = yellow
- or = orange
- rs = pink



Accelerator pedal module, Throttle valve module, Knock sensor 1, Engine/motor control unit



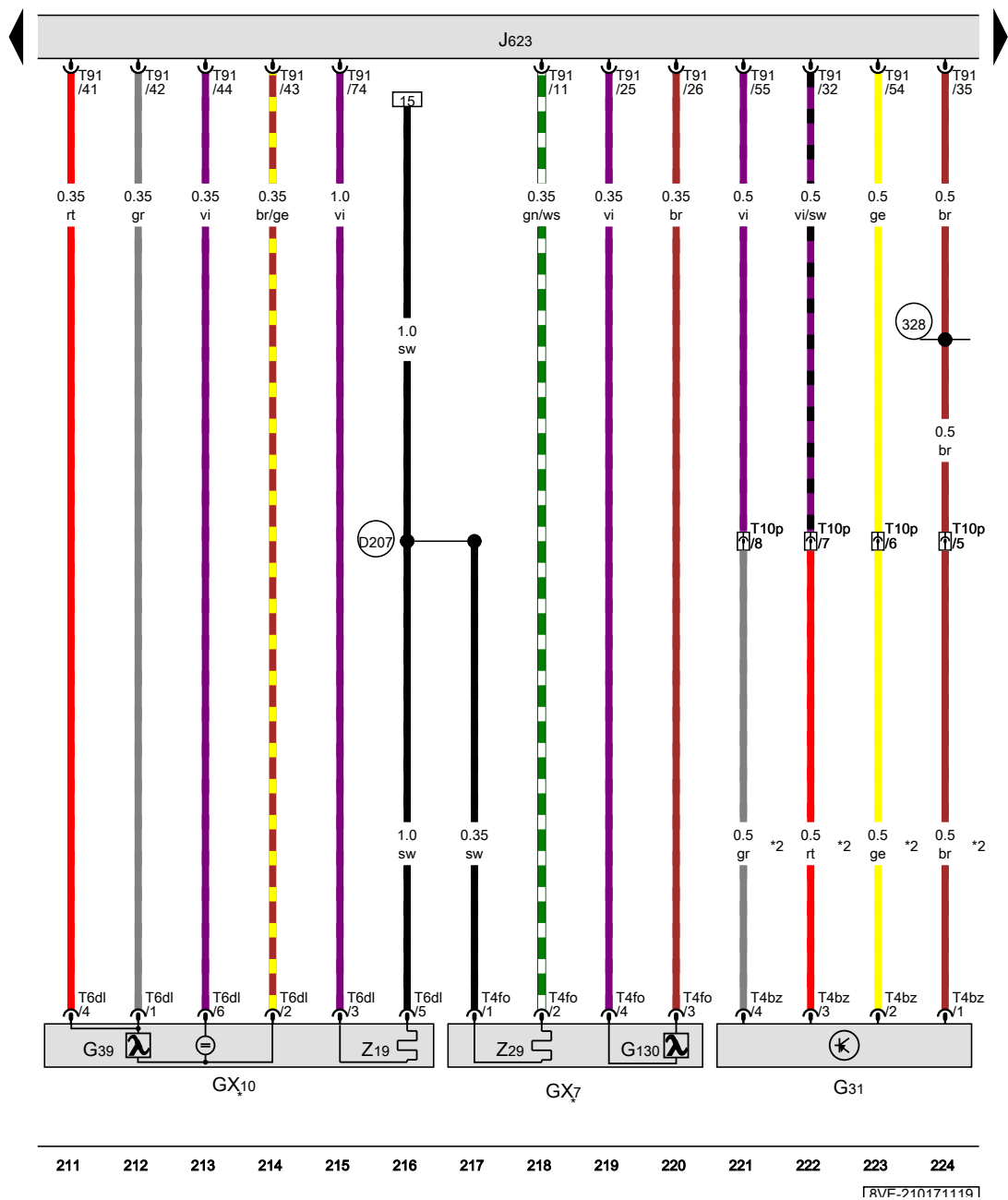
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Engine speed sender, Fuel pressure sender, Engine/motor control unit, Control unit for structure-borne sound, Actuator for structure-borne sound

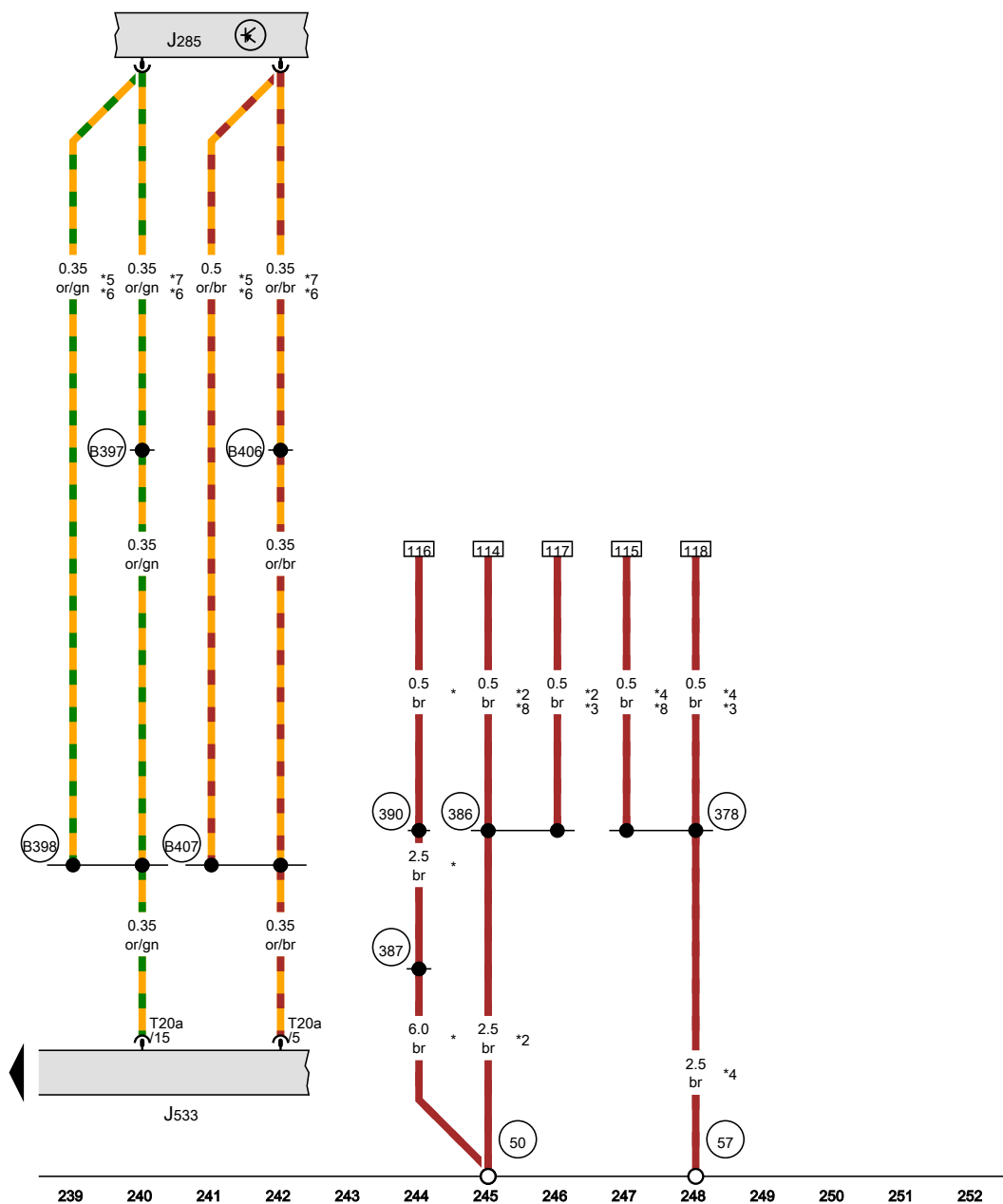
- G28 Engine speed sender
- G247 Fuel pressure sender
- J623 Engine/motor control unit
- J869 Control unit for structure-borne sound
- R214 Actuator for structure-borne sound
- T2ph 2-pin connector, black
- T3ak 3-pin connector, black
- T3al 3-pin connector, black
- T6ad 6-pin connector, black
- T14f 14-pin connector, in engine compartment, black
- T17c 17-pin connector, on lower section of left A-pillar, red
- T105 105-pin connector, black
- 132 Earth connection 3, in engine compartment wiring harness
- 167 Earth connection 4, in engine compartment wiring harness
- 685 Earth point 1, on front of right longitudinal member
- B278 Positive connection 2 (15a) in main wiring harness
- D136 Positive connection 2 (15a), in engine compartment wiring harness
- * According to equipment
- *2 For right-hand drive models
- *3 Wiring colour depends on equipment
- *4 For left-hand drive models

ws = white
 sw = black
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Lambda probe 1 after catalytic converter, Lambda probe 1 before catalytic converter, Charge pressure sender, Engine/motor control unit

- GX7 Lambda probe 1 after catalytic converter
- GX10 Lambda probe 1 before catalytic converter
- G31 Charge pressure sender
- G39 Lambda probe
- G130 Lambda probe after catalytic converter
- J623 Engine/motor control unit
- T4bz 4-pin connector, black
- T4fo 4-pin connector, black
- T6dl 6-pin connector, black
- T10p 10-pin connector, black
- T91 91-pin connector, black
- Z19 Lambda probe heater
- Z29 Lambda probe 1 heater after catalytic converter
- 328 Earth connection 2 (sender earth), in engine compartment wiring harness
- D207 Connection 7 (87a), in engine compartment wiring harness
- * Pre-wired component
- *2 Wiring colour depends on equipment



Control unit in dash panel insert, Data bus diagnostic interface

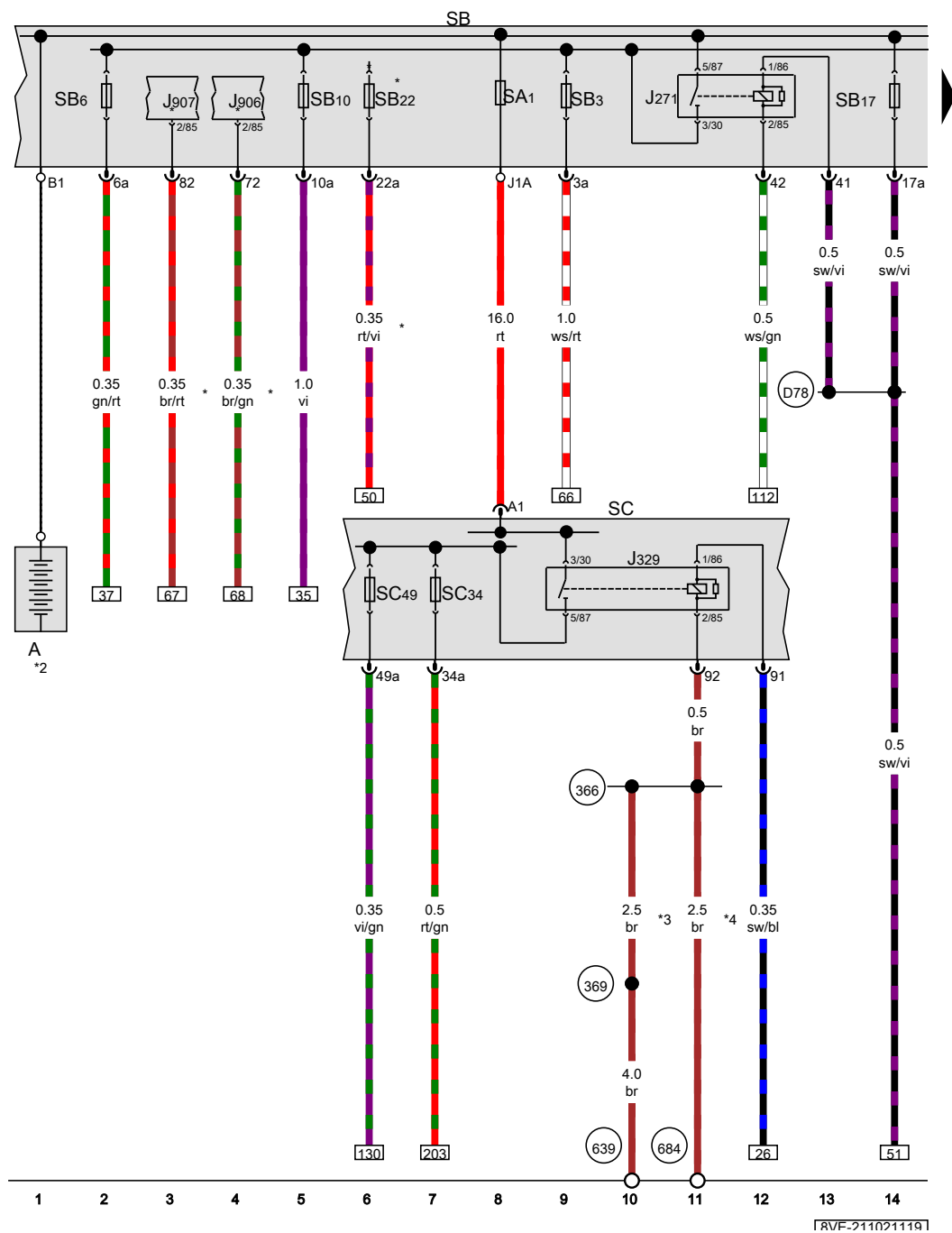
J285 Control unit in dash panel insert
J533 Data bus diagnostic interface
T20a 20-pin connector, red

- 50 Earth point, on left in luggage compartment
- 57 Earth point, rear left pillar
- 378 Earth connection 13, in main wiring harness
- 386 Earth connection 21, in main wiring harness
- 387 Earth connection 22, in main wiring harness
- 390 Earth connection 25, in main wiring harness
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness
- * For Cabriolet models
- *2 For models with 4 doors
- *3 Standard equipment
- *4 For models with 5 doors
- *5 For right-hand drive models
- *6 see applicable current flow diagram for dash panel insert
- *7 For left-hand drive models
- *8 Optional equipment

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2.0l petrol engine , DNUE

From September 2018

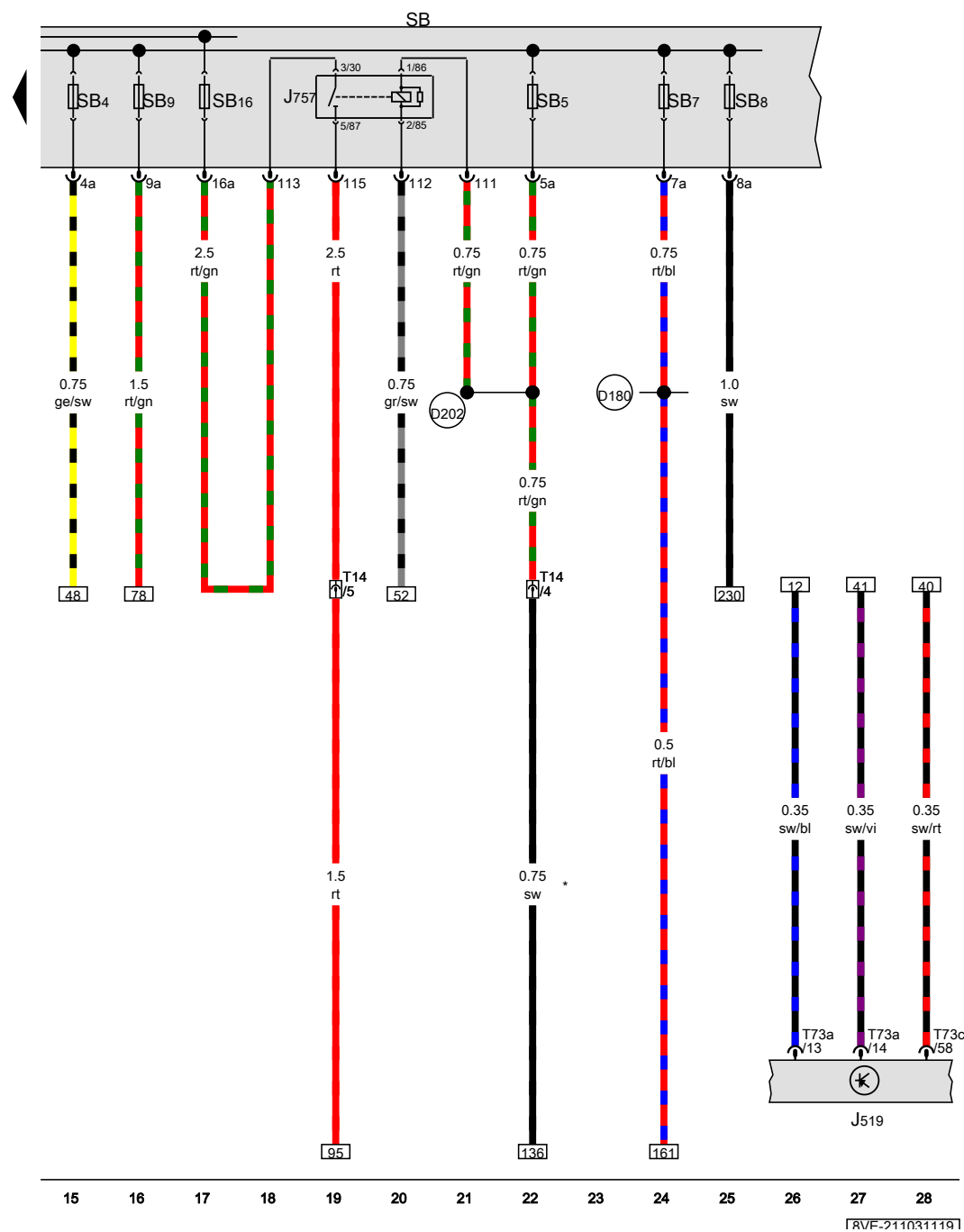


Main relay, Terminal 15 voltage supply relay, Fuse holder B, Fuse holder C

- A Battery
- J271 Main relay
- J329 Terminal 15 voltage supply relay
- J906 Starter relay 1
- J907 Starter relay 2
- SA1 Fuse 1 on fuse holder A
- SB Fuse holder B
- SB3 Fuse 3 on fuse holder B
- SB6 Fuse 6 on fuse holder B
- SB10 Fuse 10 on fuse holder B
- SB17 Fuse 17 on fuse holder B
- SB22 Fuse 22 on fuse holder B
- SC Fuse holder C
- SC34 Fuse 34 on fuse holder C
- SC49 Fuse 49 on fuse holder C

- 366 Earth connection 1, in main wiring harness
- 369 Earth connection 4, in main wiring harness
- 639 Earth point, left A-pillar
- 684 Earth point on front of left side member
- D78 Positive connection 1 (30a), in engine compartment wiring harness
- * see applicable current flow diagram for battery in engine compartment
- *2 see applicable current flow diagram for battery
- *3 For left-hand drive models
- *4 For right-hand drive models

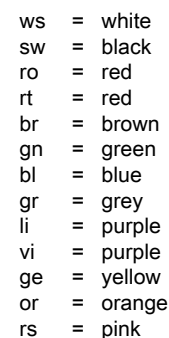
ws = white
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Onboard supply control unit, Engine component current supply relay, Fuse holder B

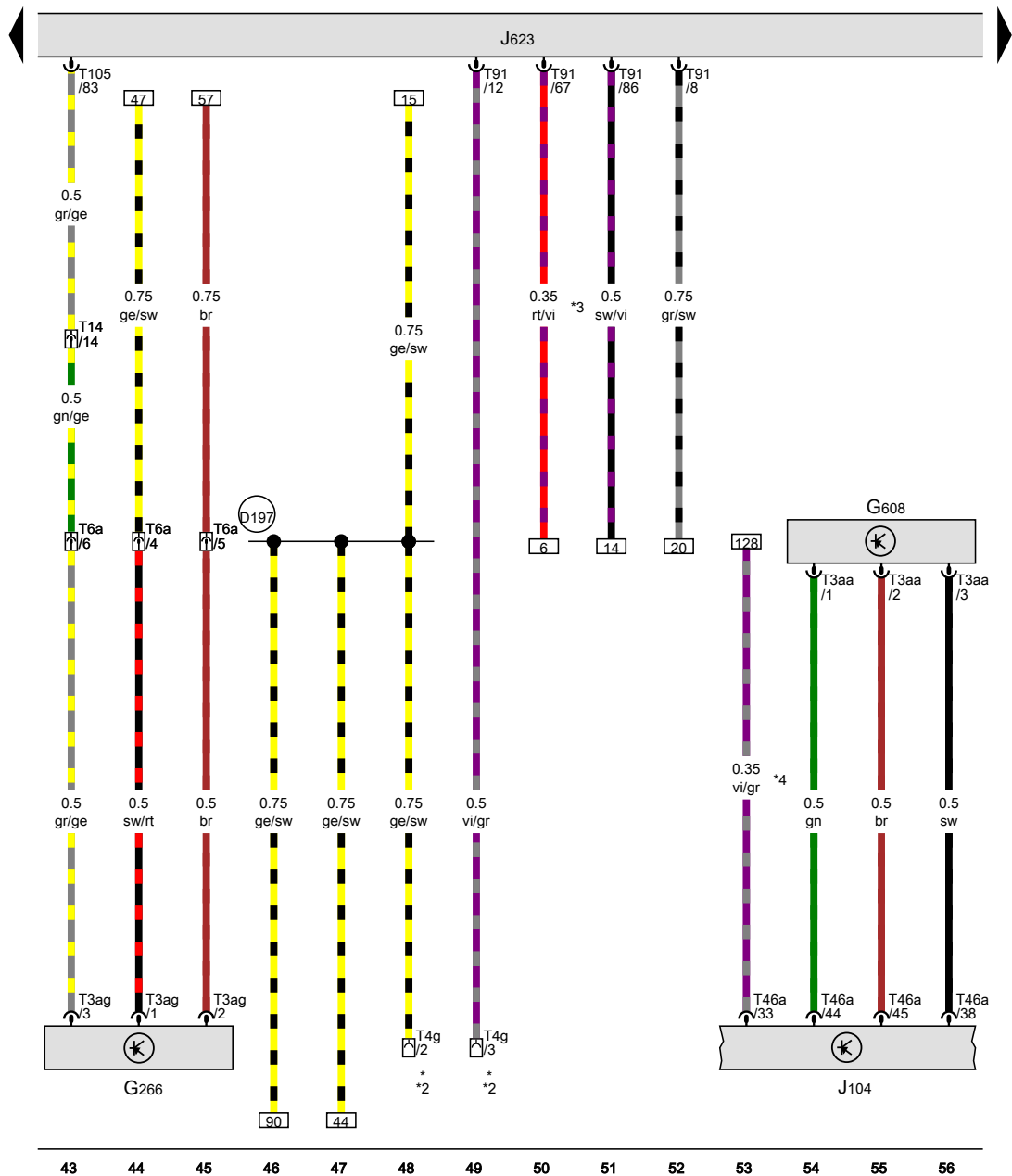
- J519 Onboard supply control unit
- J757 Engine component current supply relay
- SB Fuse holder B
- SB4 Fuse 4 on fuse holder B
- SB5 Fuse 5 on fuse holder B
- SB7 Fuse 7 on fuse holder B
- SB8 Fuse 8 on fuse holder B
- SB9 Fuse 9 on fuse holder B
- SB16 Fuse 16 on fuse holder B
- T14 14-pin connector, grey
- T73a 73-pin connector, black
- T73c 73-pin connector, black
- D180 Connection (87a), in engine compartment wiring harness
- D202 Connection 6 (87a), in engine compartment wiring harness
- * For models with US equipment

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- D Ignition/starter switch
- F Brake light switch
- F63 Brake pedal switch
- J518 Entry and start authorisation control unit
- J527 Steering column electronics control unit
- J538 Fuel pump control unit
- J623 Engine/motor control unit
- T3 3-pin connector, black
- T4cl 4-pin connector, black
- T5c 5-pin connector, black
- T6dm 6-pin connector, black
- T17b 17-pin connector, on lower section of left A-pillar, brown
- T17c 17-pin connector, on lower section of left A-pillar, red
- T40a 40-pin connector, black
- T91 91-pin connector, black
- B335** Connection 1 (54), in main wiring harness
- B466** Connection 2, in main wiring harness
- D73** Positive connection (54), in engine compartment wiring harness
- D102** Connection 2 in engine compartment wiring harness
- * see applicable current flow diagram for steering column electronics
- *2 see applicable current flow diagram for entry and start authorisation
- *3 see applicable current flow diagram for fuel system
- *4 For models with cruise control system (CCS)

Oil level and oil temperature sender, Vacuum sender, Engine/motor control unit



- G266 Oil level and oil temperature sender
- G608 Vacuum sender
- J104 ABS control unit
- J623 Engine/motor control unit
- T3aa 3-pin connector, black
- T3ag 3-pin connector, black
- T4g 4-pin connector, black
- T6a 6-pin connector, black
- T14 14-pin connector, grey
- T46a 46-pin connector, black
- T91 91-pin connector, black
- T105 105-pin connector, black

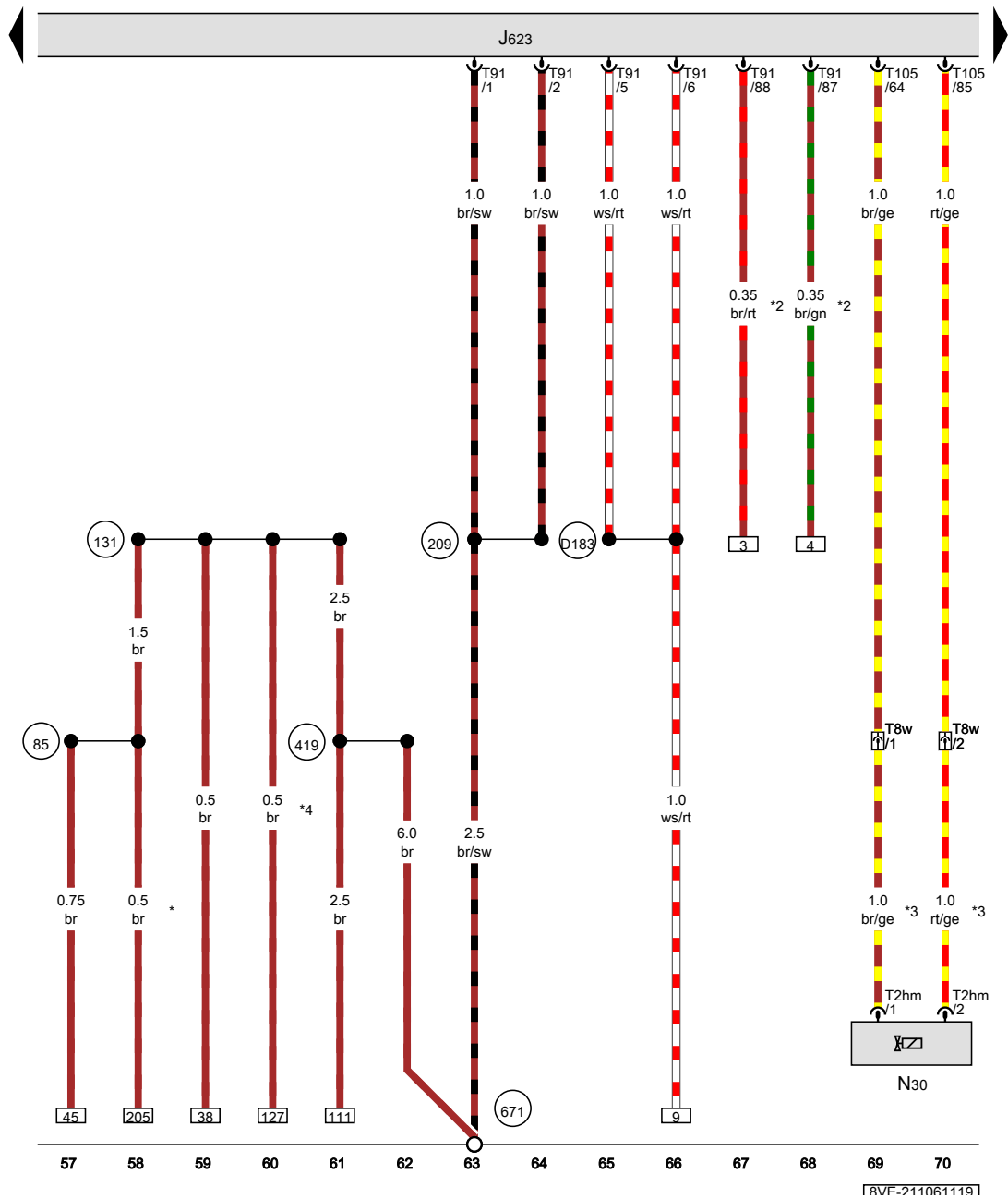
D197 Connection 5 (87a), in engine compartment wiring harness

- * Radiator fan connection
- *2 see applicable current flow diagram for radiator fan
- *3 see applicable current flow diagram for battery in engine compartment
- *4 For models with manual gearbox

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Engine/motor control unit, Injector, cylinder 1



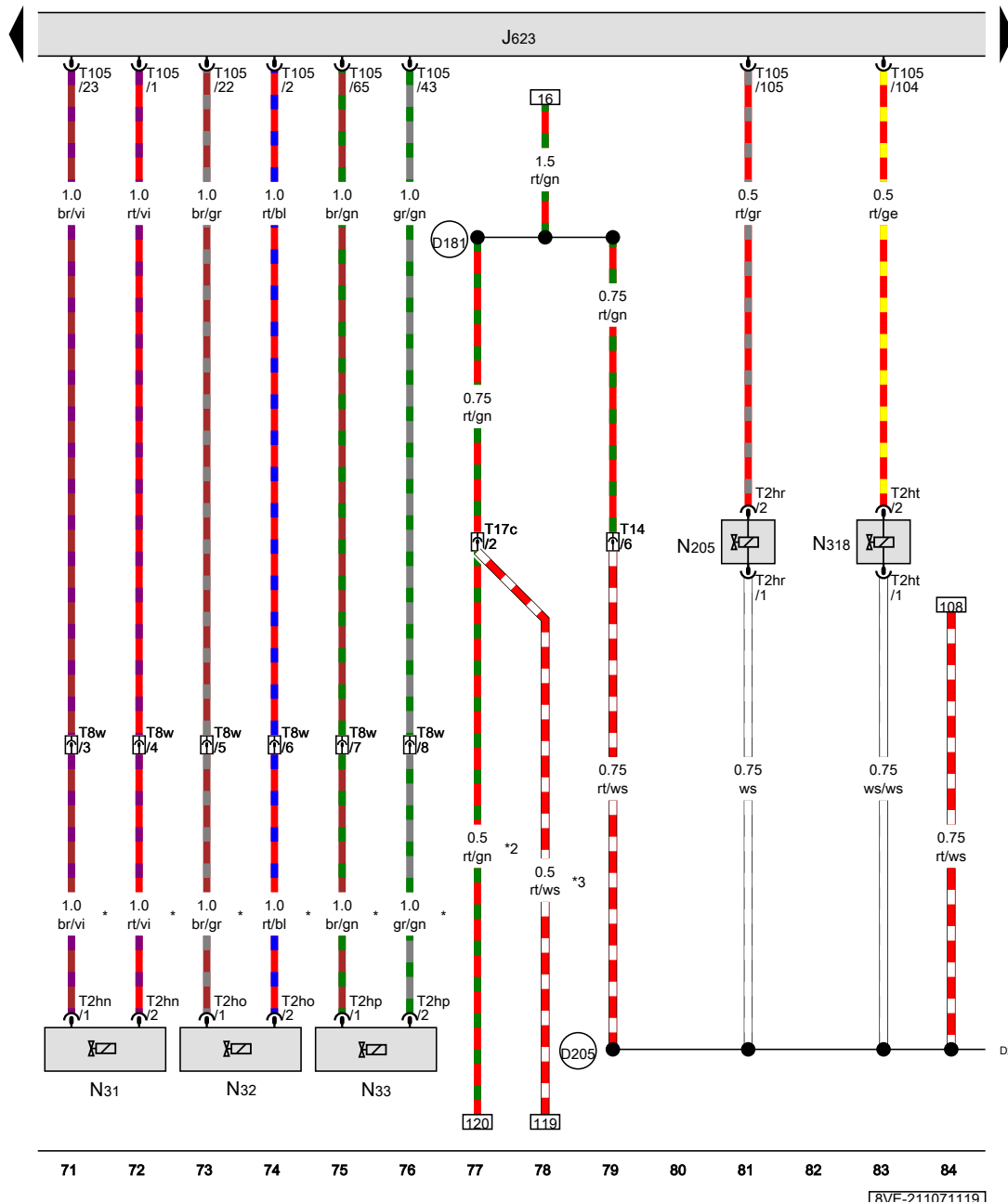
- J623 Engine/motor control unit
- N30 Injector, cylinder 1
- T2hm 2-pin connector, black
- T8w 8-pin connector, black
- T91 91-pin connector, black
- T105 105-pin connector, black

- 85 Earth connection 1, in engine compartment wiring harness
- 131 Earth connection 2, in engine compartment wiring harness
- 209 Earth connection 6, in engine compartment wiring harness
- 419 Earth connection 11, in engine compartment wiring harness
- 671 Earth point 1, on front of left longitudinal member
- D183 Connection 4 (87a), in engine compartment wiring harness

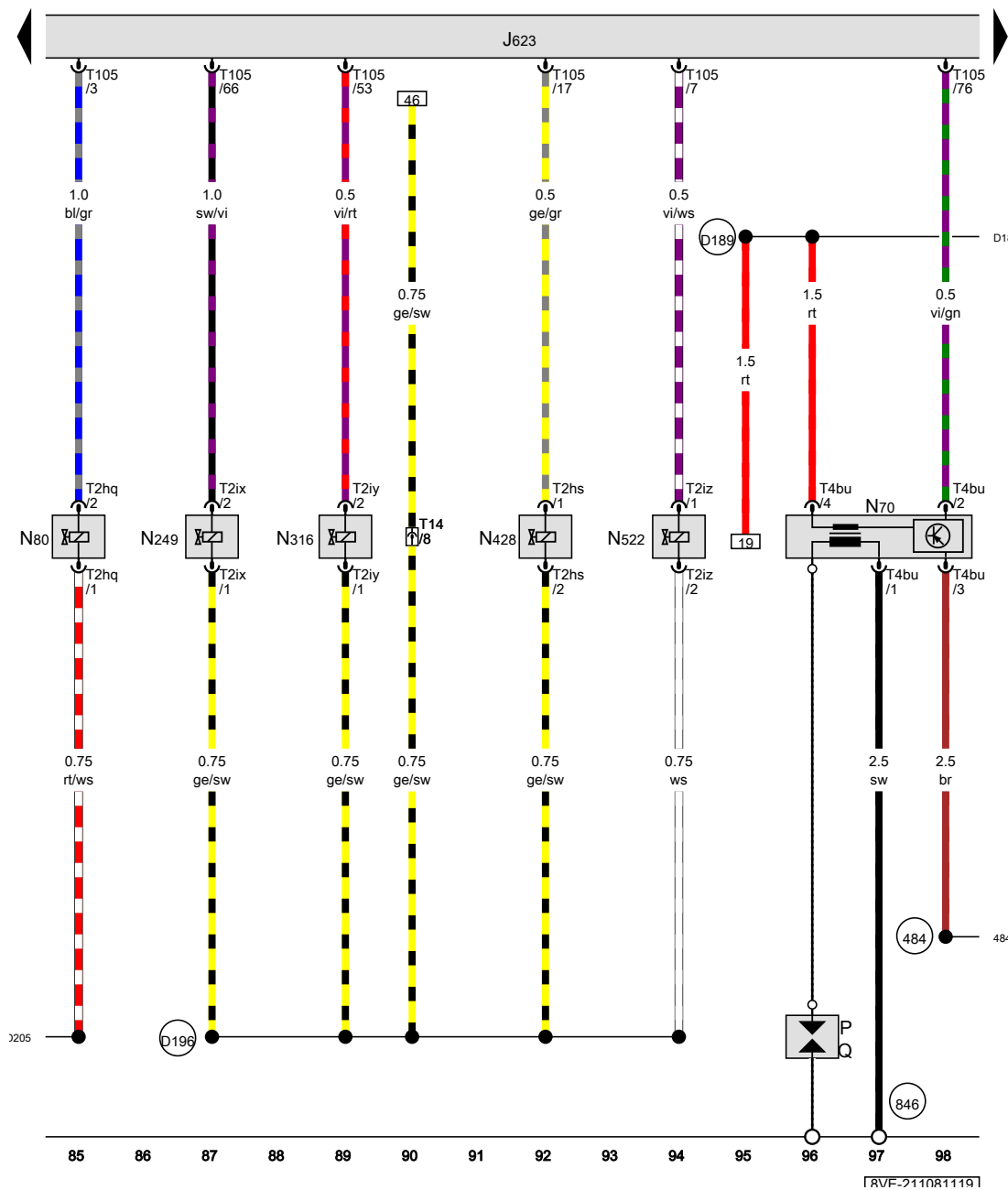
- * For right-hand drive models
- *2 see applicable current flow diagram for battery in engine compartment
- *3 Wiring colour depends on equipment
- *4 For models with manual gearbox

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Engine/motor control unit, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4, Camshaft control valve 1, Exhaust camshaft control valve 1



- J623 Engine/motor control unit
- N31 Injector, cylinder 2
- N32 Injector, cylinder 3
- N33 Injector, cylinder 4
- N205 Camshaft control valve 1
- N318 Exhaust camshaft control valve 1
- T2hn 2-pin connector, black
- T2ho 2-pin connector, black
- T2hp 2-pin connector, black
- T2ht 2-pin connector, black
- T8w 8-pin connector, black
- T14 14-pin connector, grey
- T17c 17-pin connector, on lower section of left A-pillar, red
- T105 105-pin connector, black
- D181 Connection 2 (87a), in engine compartment wiring harness
- D205 Connection 3 (87a) in engine prewiring harness
- * Wiring colour depends on equipment
- *2 Standard equipment
- *3 Optional equipment

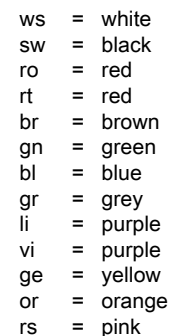


Engine/motor control unit, Ignition coil 1 with output stage, Activated charcoal filter solenoid valve 1, Turbocharger air recirculation valve, Intake manifold flap valve, Valve for oil pressure control, Piston cooling jet control valve

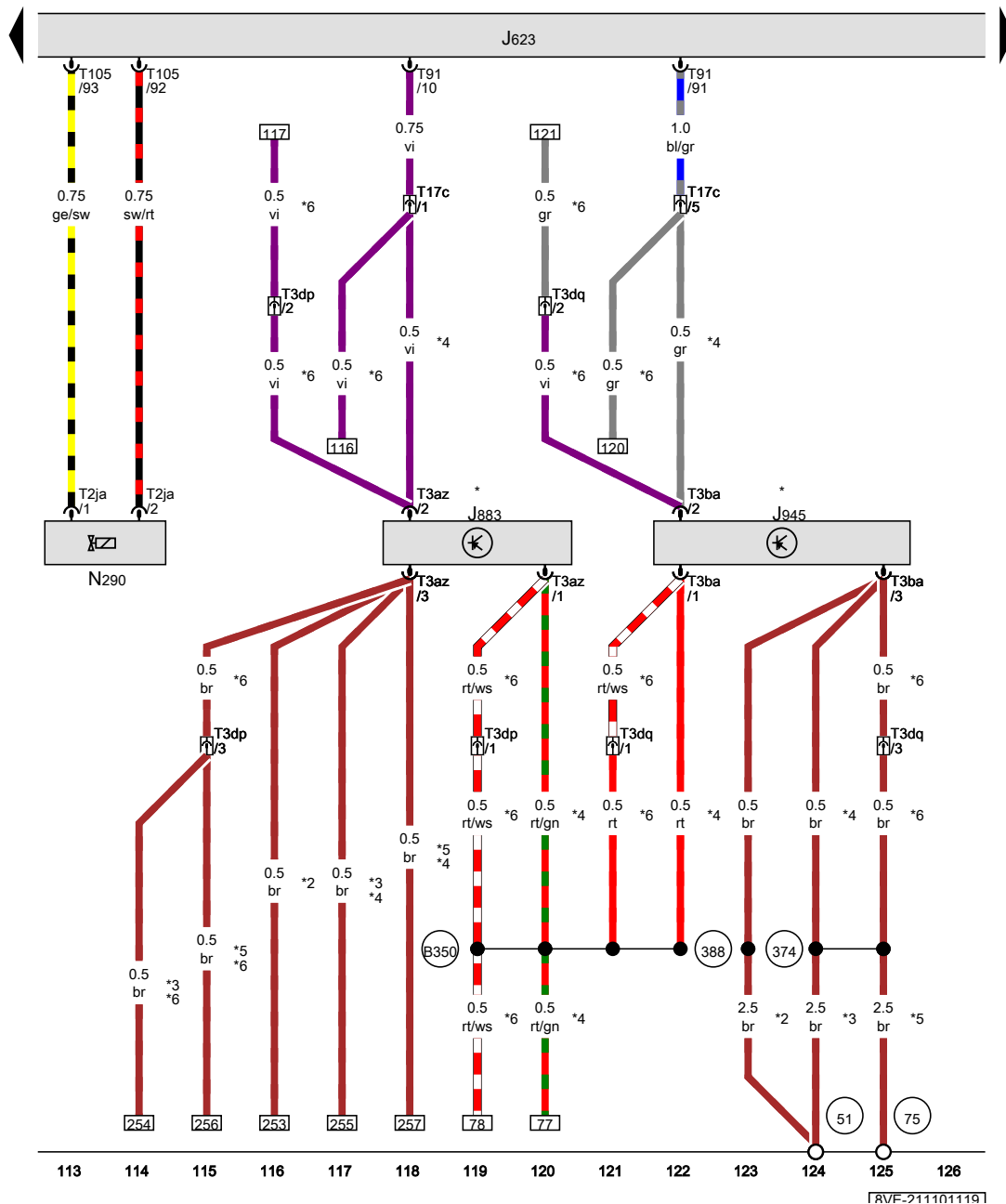
- J623 Engine/motor control unit
- N70 Ignition coil 1 with output stage
- N80 Activated charcoal filter solenoid valve 1
- N249 Turbocharger air recirculation valve
- N316 Intake manifold flap valve
- N428 Valve for oil pressure control
- N522 Piston cooling jet control valve
- P Spark plug connector
- Q Spark plugs
- T2hq 2-pin connector, black
- T2hs 2-pin connector, black
- T2ix 2-pin connector, black
- T2iy 2-pin connector, black
- T2iz 2-pin connector, black
- T4bu 4-pin connector, black
- T14 14-pin connector, grey
- T105 105-pin connector, black

- 484 Earth connection 2 (ignition coils), in engine prewiring harness
- 846 Earth point on ignition coil 1
- D189 Connection (87a) in engine prewiring harness
- D196 Connection 2 (87a) in engine prewiring harness
- D205 Connection 3 (87a) in engine prewiring harness

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- 201 Earth connection 5, in engine compartment wiring harness
- 484 Earth connection 2 (ignition coils), in engine prewiring harness
- 847 Earth point on ignition coil 2
- 848 Earth point on ignition coil 3
- 849 Earth point on ignition coil 4
- D189 Connection (87a) in engine prewiring harness



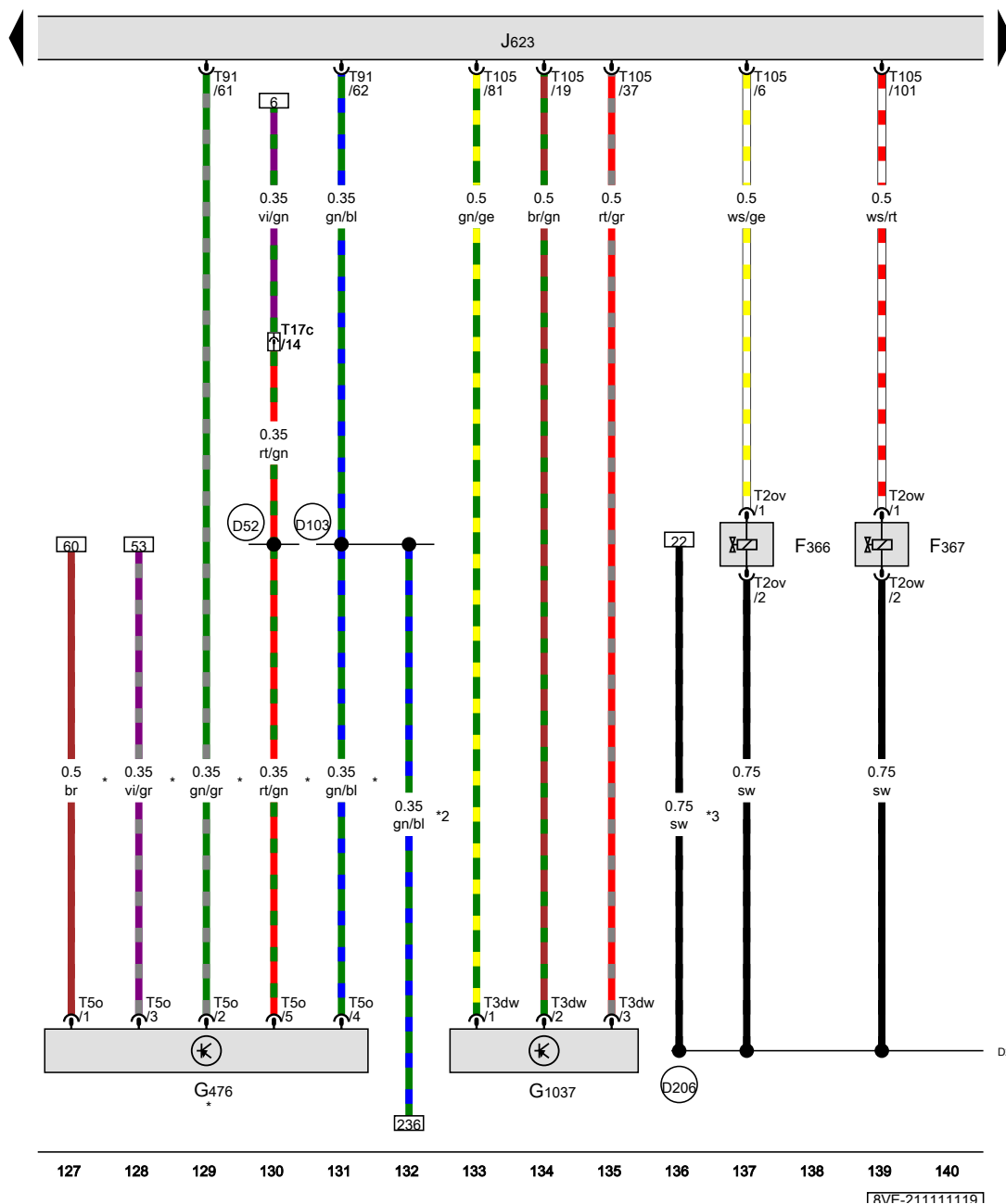
Engine/motor control unit, Fuel metering valve

- J623 Engine/motor control unit
- J883 Exhaust flap control unit
- J945 Exhaust flap control unit 2
- N290 Fuel metering valve
- T2ja 2-pin connector, black
- T3az 3-pin connector, black
- T3ba 3-pin connector, black
- T3dp 3-pin connector
- T3dq 3-pin connector
- T17c 17-pin connector, on lower section of left A-pillar, red
- T91 91-pin connector, black
- T105 105-pin connector, black

- 51 Earth point, on right in luggage compartment
- 75 Earth point, rear right pillar
- 374 Earth connection 9, in main wiring harness
- 388 Earth connection 23, in main wiring harness
- B350 Positive connection 1 (87a) in main wiring harness

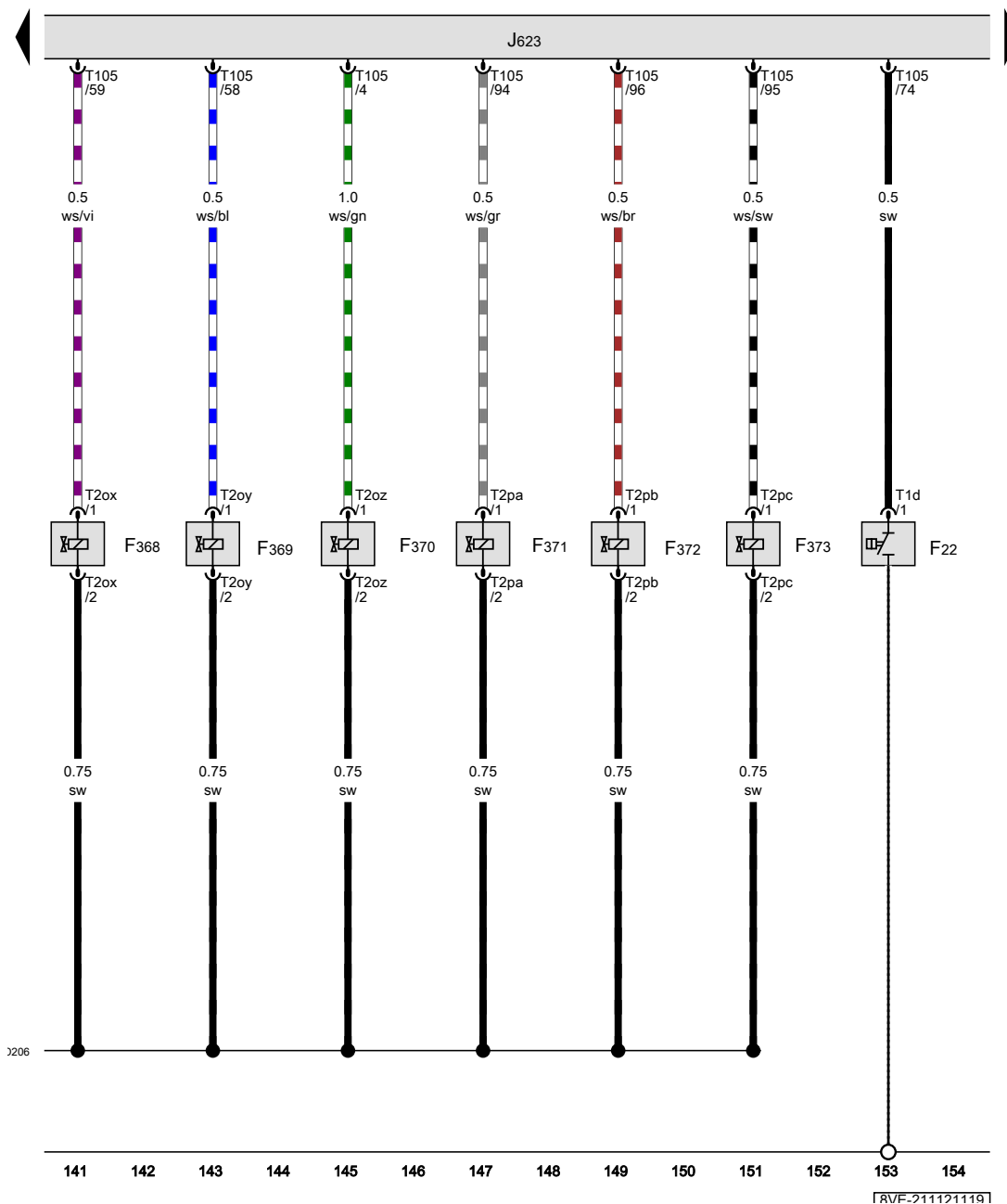
- * According to equipment
- *2 For Cabriolet models
- *3 For models with 4 doors
- *4 Standard equipment
- *5 For models with 5 doors
- *6 Optional equipment

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- vi = purple
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- or = orange
- rs = pink



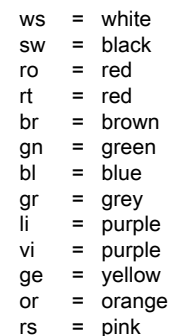
Cam adjustment actuator 1, Cam adjustment actuator 2, Clutch position sender, Pressure differential sender for particulate filter, Engine/motor control unit

- F366 Cam adjustment actuator 1
- F367 Cam adjustment actuator 2
- G476 Clutch position sender
- G1037 Pressure differential sender for particulate filter
- J623 Engine/motor control unit
- T2ov 2-pin connector, black
- T2ow 2-pin connector, black
- T3dw 3-pin connector
- T5o 5-pin connector, black
- T17c 17-pin connector, on lower section of left A-pillar, red
- T91 91-pin connector, black
- T105 105-pin connector, black
- D52 Positive connection (15a), in engine compartment wiring harness
- D103 Connection 3 in engine compartment wiring harness
- D206 Connection 4 (87a) in engine prewiring harness
- * For models with manual gearbox
- *2 For models with dual clutch gearbox
- *3 For models with US equipment



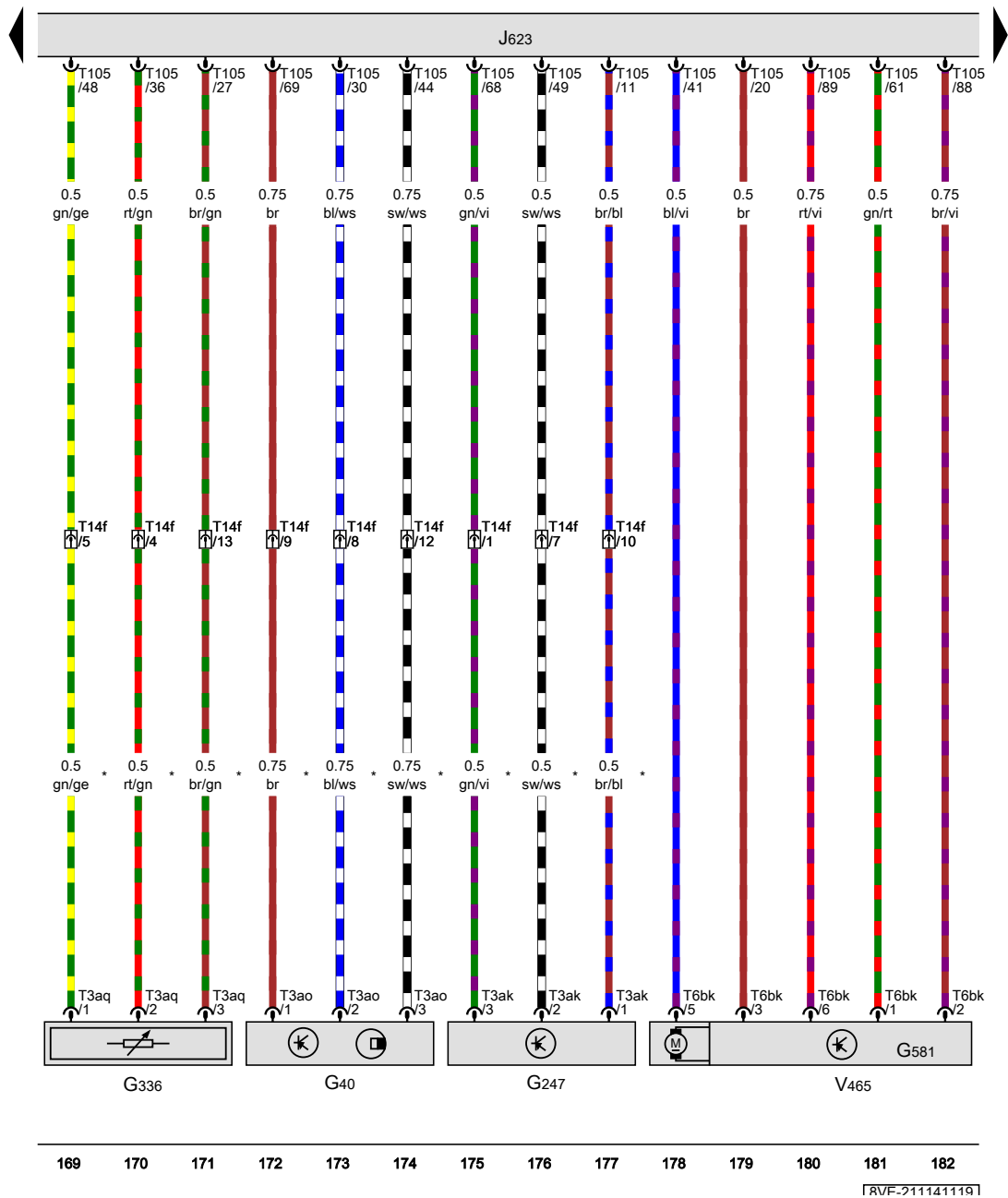
Oil pressure switch, Cam adjustment actuator 3, Cam adjustment actuator 4, Cam adjustment actuator 5, Cam adjustment actuator 6, Cam adjustment actuator 7, Cam adjustment actuator 8, Engine/motor control unit

- F22 Oil pressure switch
- F368 Cam adjustment actuator 3
- F369 Cam adjustment actuator 4
- F370 Cam adjustment actuator 5
- F371 Cam adjustment actuator 6
- F372 Cam adjustment actuator 7
- F373 Cam adjustment actuator 8
- J623 Engine/motor control unit
- T1d 1-pin connector
- T2ox 2-pin connector, black
- T2oy 2-pin connector, black
- T2oz 2-pin connector, black
- T2pa 2-pin connector, black
- T2pb 2-pin connector, black
- T2pc 2-pin connector, black
- T105 105-pin connector, black
- D206 Connection 4 (87a) in engine prewiring harness



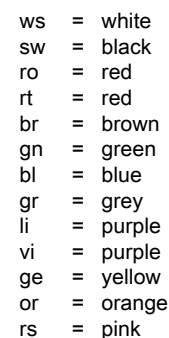
F378	Oil pressure switch for reduced oil pressure
F447	Stage 3 oil pressure switch
GX9	Intake manifold sender
G42	Intake air temperature sender
G62	Coolant temperature sender
G71	Intake manifold pressure sender
G83	Radiator outlet coolant temperature sender
J623	Engine/motor control unit
N488	Coolant valve for gearbox
T1i	1-pin connector, black
T2hv	2-pin connector, black
T2ib	2-pin connector, black
T2ic	2-pin connector, black
T2pi	2-pin connector, black
T4by	4-pin connector, black
T10p	10-pin connector, black
T91	91-pin connector, black
T105	105-pin connector, black

Hall sender, Fuel pressure sender, Intake manifold flap potentiometer, Engine/motor control unit, Charge pressure positioner



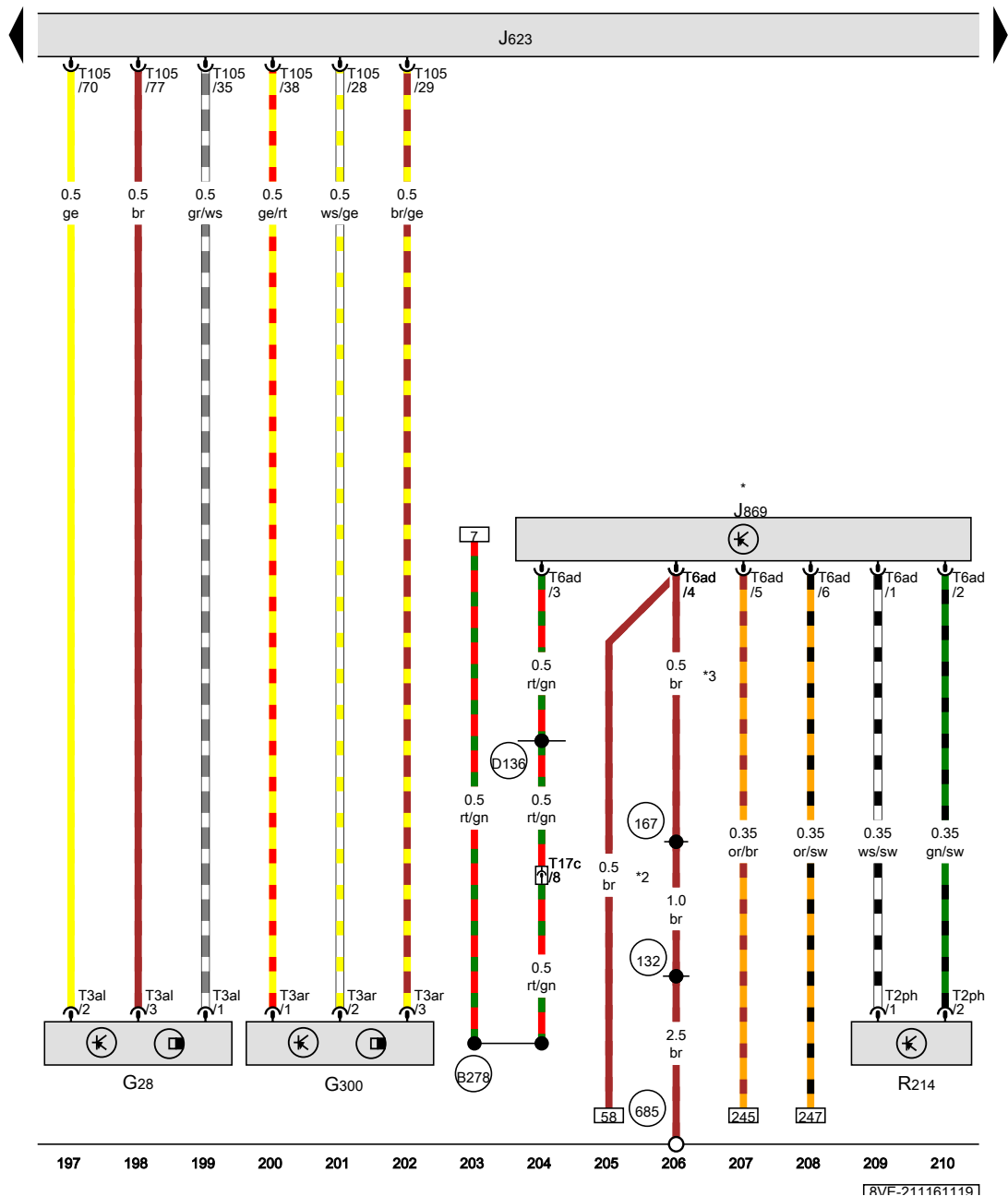
- G40 Hall sender
- G247 Fuel pressure sender
- G336 Intake manifold flap potentiometer
- G581 Position sender for charge pressure positioner
- J623 Engine/motor control unit
- T3ak 3-pin connector, black
- T3ao 3-pin connector, black
- T3aq 3-pin connector, black
- T6bk 6-pin connector, grey
- T14f 14-pin connector, in engine compartment, black
- T105 105-pin connector, black
- V465 Charge pressure positioner
- * Wiring colour depends on equipment

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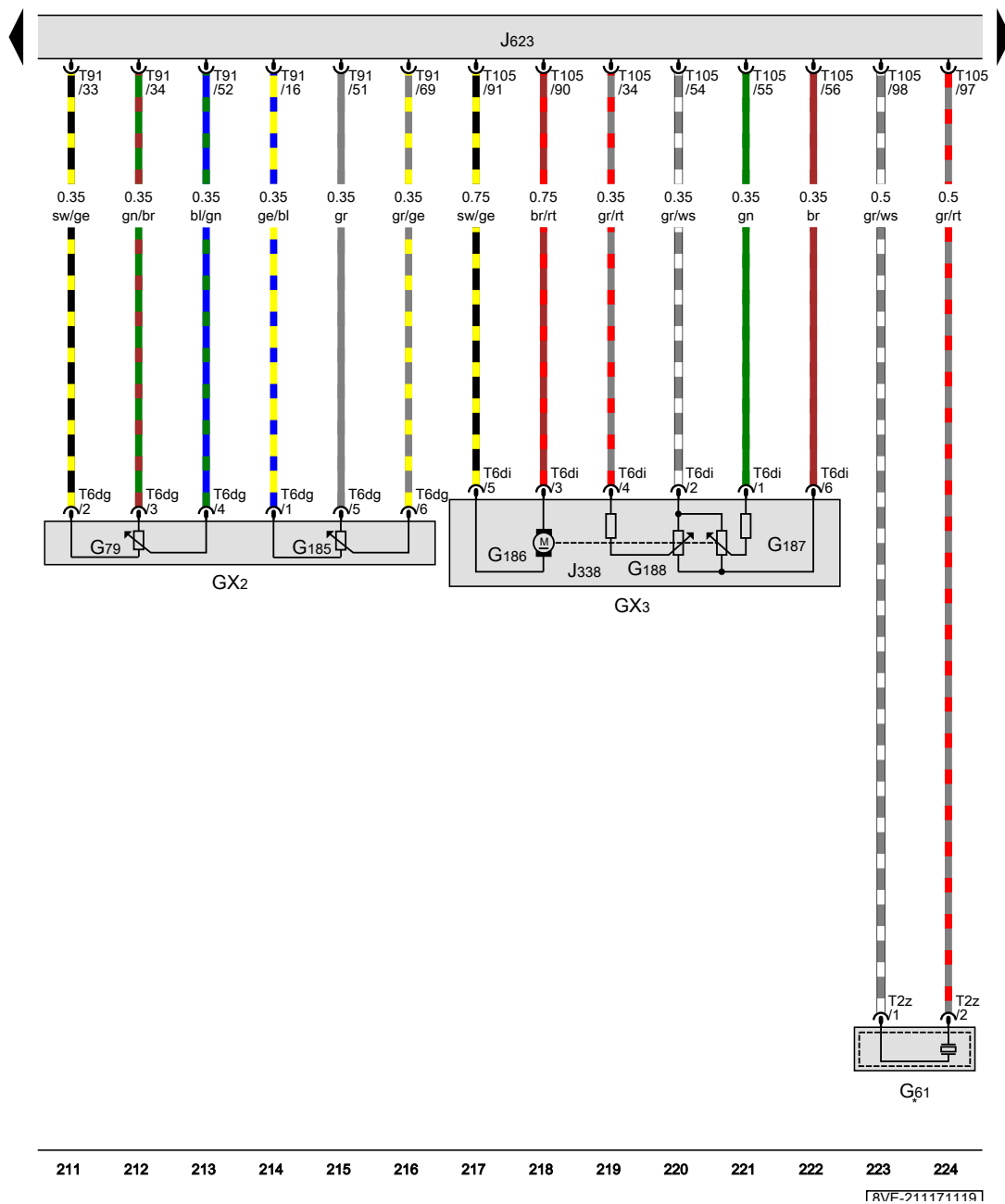
* According to equipment

Engine speed sender, Hall sender 3, Engine/motor control unit



- G28 Engine speed sender
- G300 Hall sender 3
- J623 Engine/motor control unit
- J869 Control unit for structure-borne sound
- R214 Actuator for structure-borne sound
- T2ph 2-pin connector, black
- T3al 3-pin connector, black
- T3ar 3-pin connector, black
- T6ad 6-pin connector, black
- T17c 17-pin connector, on lower section of left A-pillar, red
- T105 105-pin connector, black
- 132 Earth connection 3, in engine compartment wiring harness
- 167 Earth connection 4, in engine compartment wiring harness
- 685 Earth point 1, on front of right longitudinal member
- B278 Positive connection 2 (15a) in main wiring harness
- D136 Positive connection 2 (15a), in engine compartment wiring harness
- * According to equipment
- *2 For right-hand drive models
- *3 For left-hand drive models

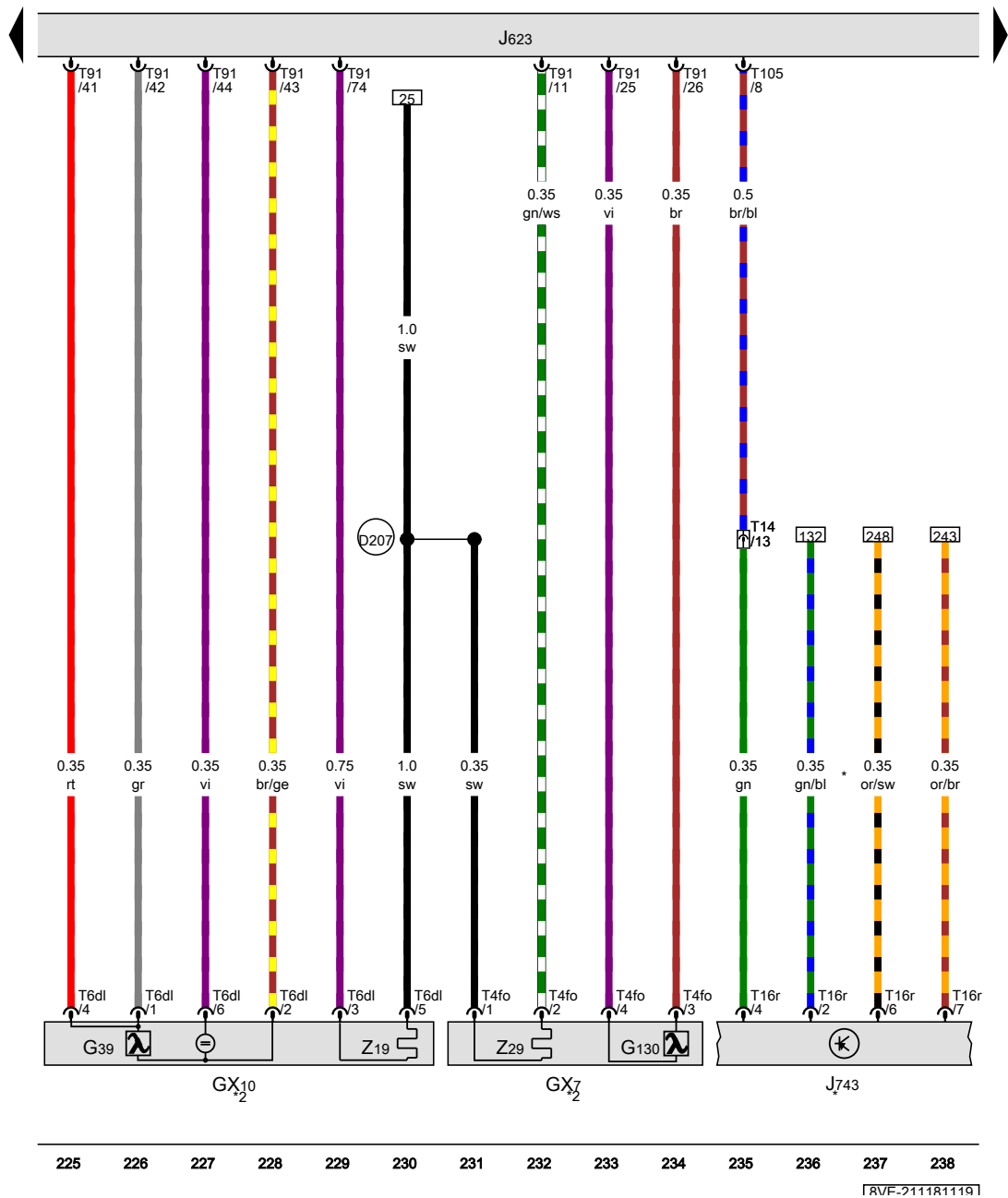
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Accelerator pedal module, Throttle valve module, Knock sensor 1, Engine/motor control unit

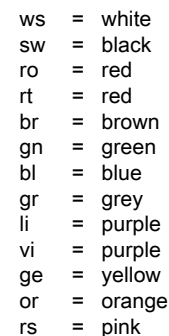
- GX2 Accelerator pedal module
- GX3 Throttle valve module
- G61 Knock sensor 1
- G79 Accelerator position sender
- G185 Accelerator position sender 2
- G186 Throttle valve drive for electric throttle
- G187 Throttle valve drive angle sender 1 for electric throttle
- G188 Throttle valve drive angle sender 2 for electric throttle
- J338 Throttle valve module
- J623 Engine/motor control unit
- T2z 2-pin connector, black
- T6dg 6-pin connector, black
- T6di 6-pin connector, black
- T91 91-pin connector, black
- T105 105-pin connector, black
- * Pre-wired component

Lambda probe 1 after catalytic converter, Lambda probe 1 before catalytic converter, Engine/motor control unit, Mechatronic unit for dual clutch gearbox

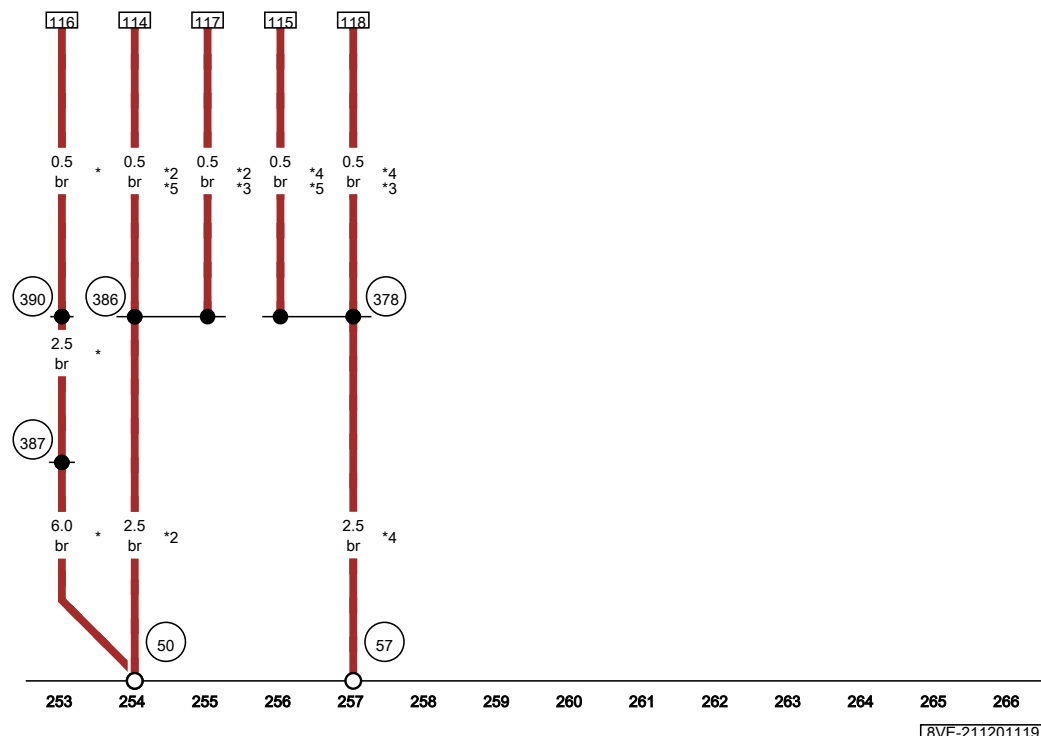


- GX7 Lambda probe 1 after catalytic converter
- GX10 Lambda probe 1 before catalytic converter
- G39 Lambda probe
- G130 Lambda probe after catalytic converter
- J623 Engine/motor control unit
- J743 Mechatronic unit for dual clutch gearbox
- T4fo 4-pin connector, black
- T6dl 6-pin connector, black
- T14 14-pin connector, grey
- T16r 16-pin connector, black
- T91 91-pin connector, black
- T105 105-pin connector, black
- Z19 Lambda probe heater
- Z29 Lambda probe 1 heater after catalytic converter
- D207 Connection 7 (87a), in engine compartment wiring harness
- * For models with dual clutch gearbox
- *2 Pre-wired component

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G31	Charge pressure sender
J285	Control unit in dash panel insert
J533	Data bus diagnostic interface
J623	Engine/motor control unit
T4bz	4-pin connector, black
T8	8-pin connector, black
T10p	10-pin connector, black
T17a	17-pin connector, on lower section of left A-pillar, black
T20a	20-pin connector, red
T91	91-pin connector, black
328	Earth connection 2 (sender earth), in engine compartment wiring harness
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B398	Connection 2 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
B407	Connection 2 (convenience CAN bus, low), in main wiring harness
E123	Connection 1 (powertrain CAN bus, high), in engine wiring harness
E124	Connection 1 (powertrain CAN bus, low), in engine wiring harness
*	According to equipment
*2	For right-hand drive models
*3	see applicable current flow diagram for dash panel insert
*4	For left-hand drive models
*5	Different wire colour possible

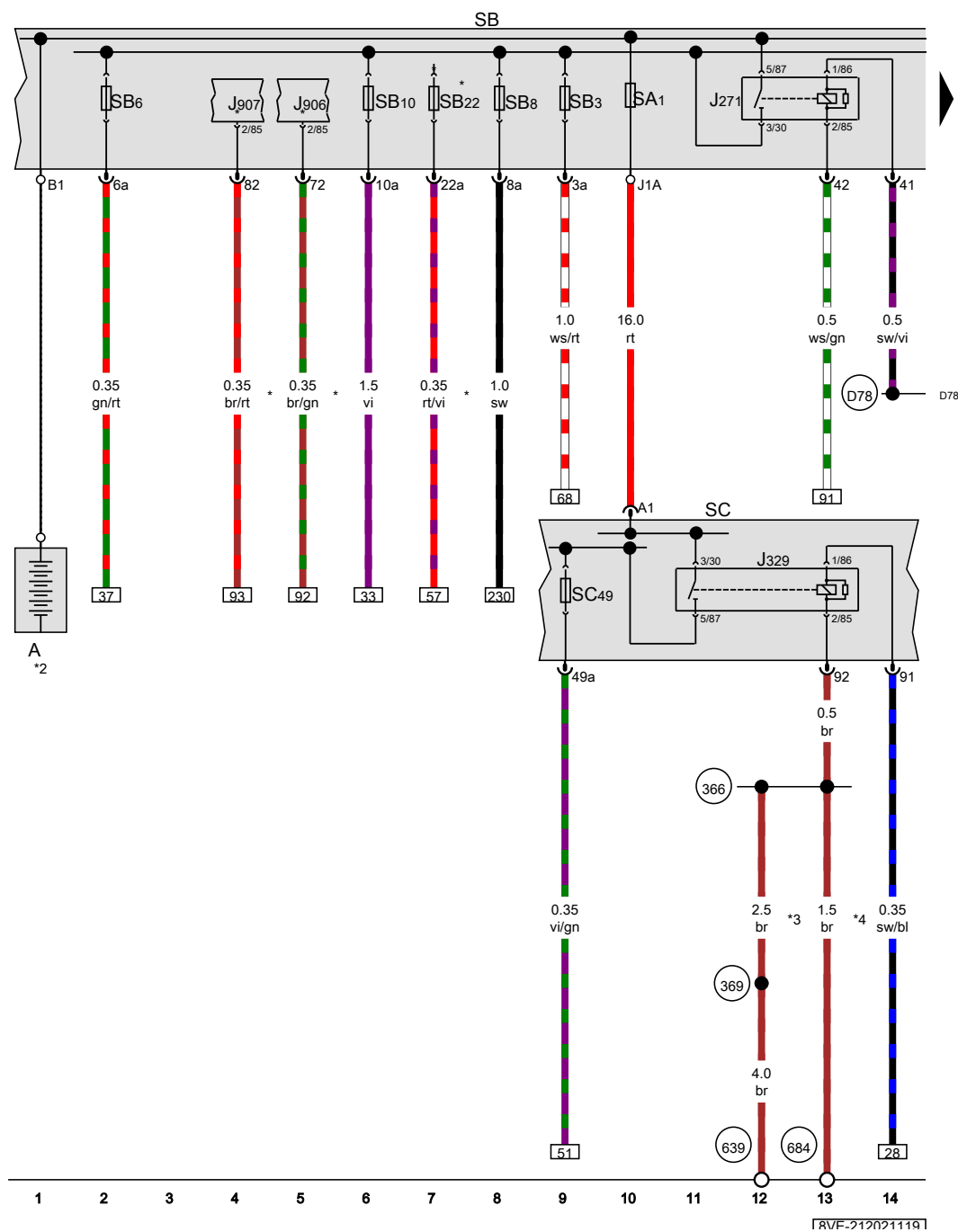


ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
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- (50) Earth point, on left in luggage compartment
- (57) Earth point, rear left pillar
- (378) Earth connection 13, in main wiring harness
- (386) Earth connection 21, in main wiring harness
- (387) Earth connection 22, in main wiring harness
- (390) Earth connection 25, in main wiring harness
- * For Cabriolet models
- *2 For models with 4 doors
- *3 Standard equipment
- *4 For models with 5 doors
- *5 Optional equipment

2.0l petrol engine , DKZA

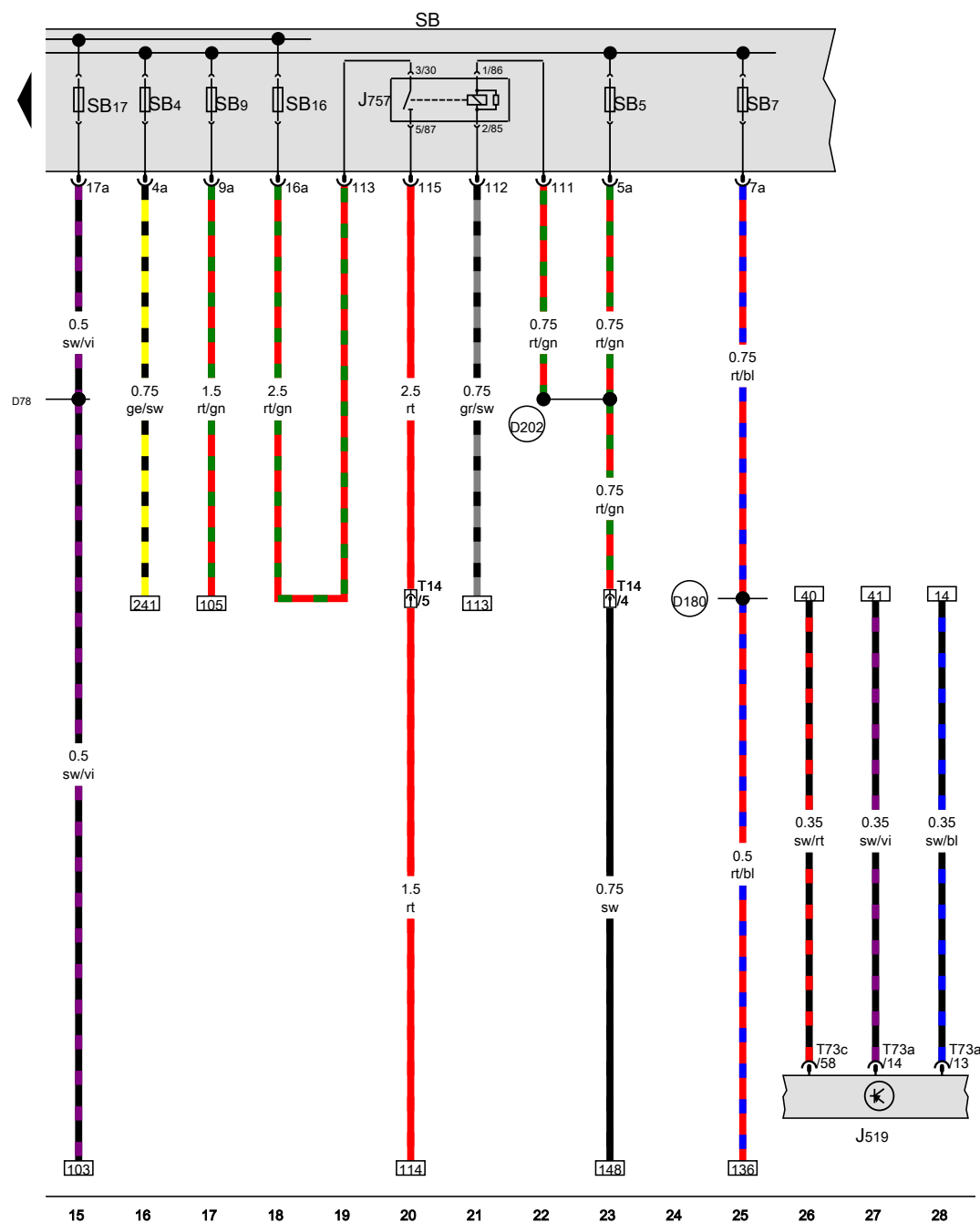
From July 2018



Main relay, Terminal 15 voltage supply relay, Fuse holder B, Fuse holder C

- A Battery
- J271 Main relay
- J329 Terminal 15 voltage supply relay
- J906 Starter relay 1
- J907 Starter relay 2
- SA1 Fuse 1 on fuse holder A
- SB Fuse holder B
- SB3 Fuse 3 on fuse holder B
- SB6 Fuse 6 on fuse holder B
- SB8 Fuse 8 on fuse holder B
- SB10 Fuse 10 on fuse holder B
- SB22 Fuse 22 on fuse holder B
- SC Fuse holder C
- SC49 Fuse 49 on fuse holder C

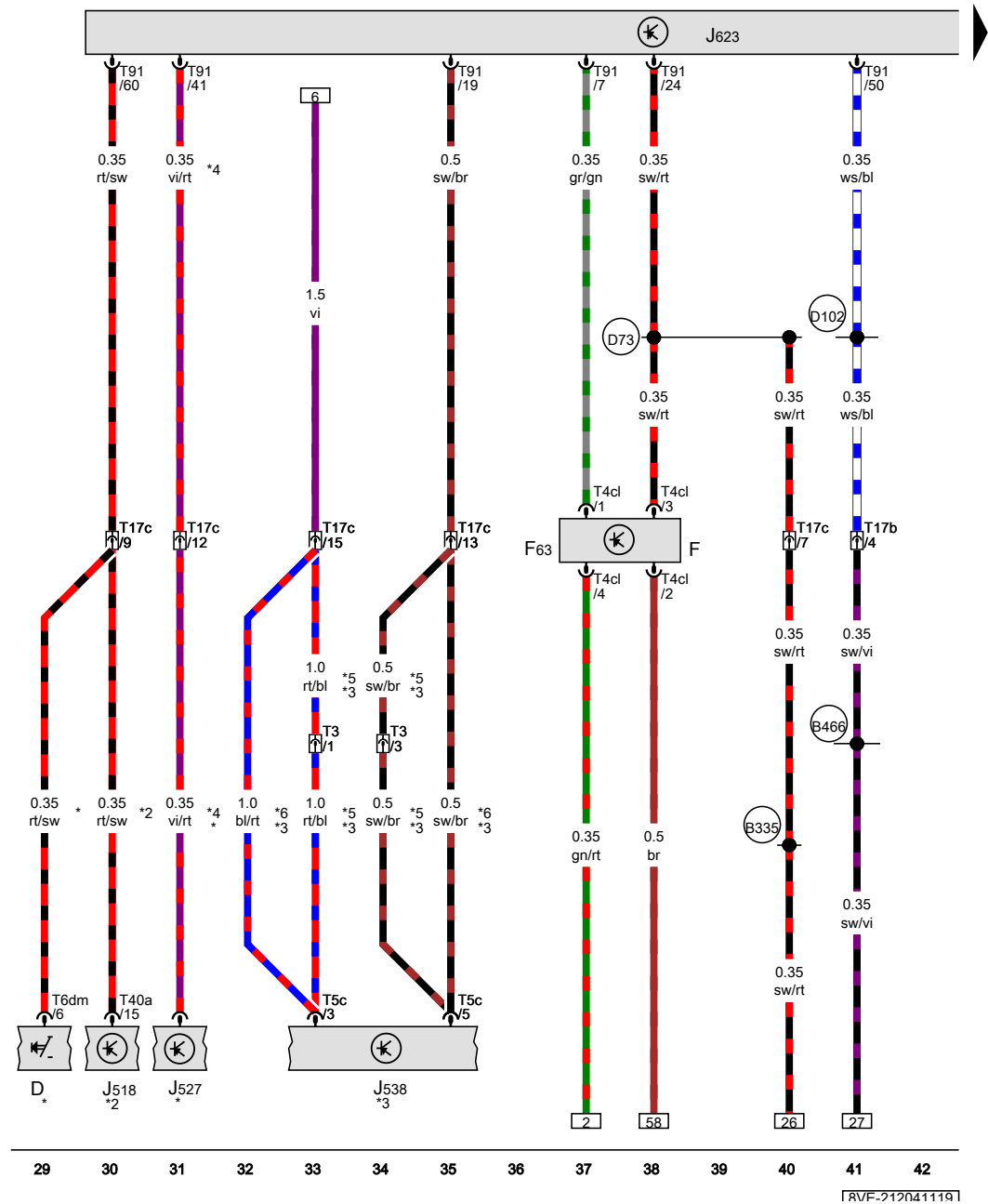
- 366 Earth connection 1, in main wiring harness
- 369 Earth connection 4, in main wiring harness
- 639 Earth point, left A-pillar
- 684 Earth point on front of left side member
- D78 Positive connection 1 (30a), in engine compartment wiring harness
- * see applicable current flow diagram for battery in engine compartment
- *2 see applicable current flow diagram for battery
- *3 For left-hand drive models
- *4 For right-hand drive models



Onboard supply control unit, Engine component current supply relay, Fuse holder B

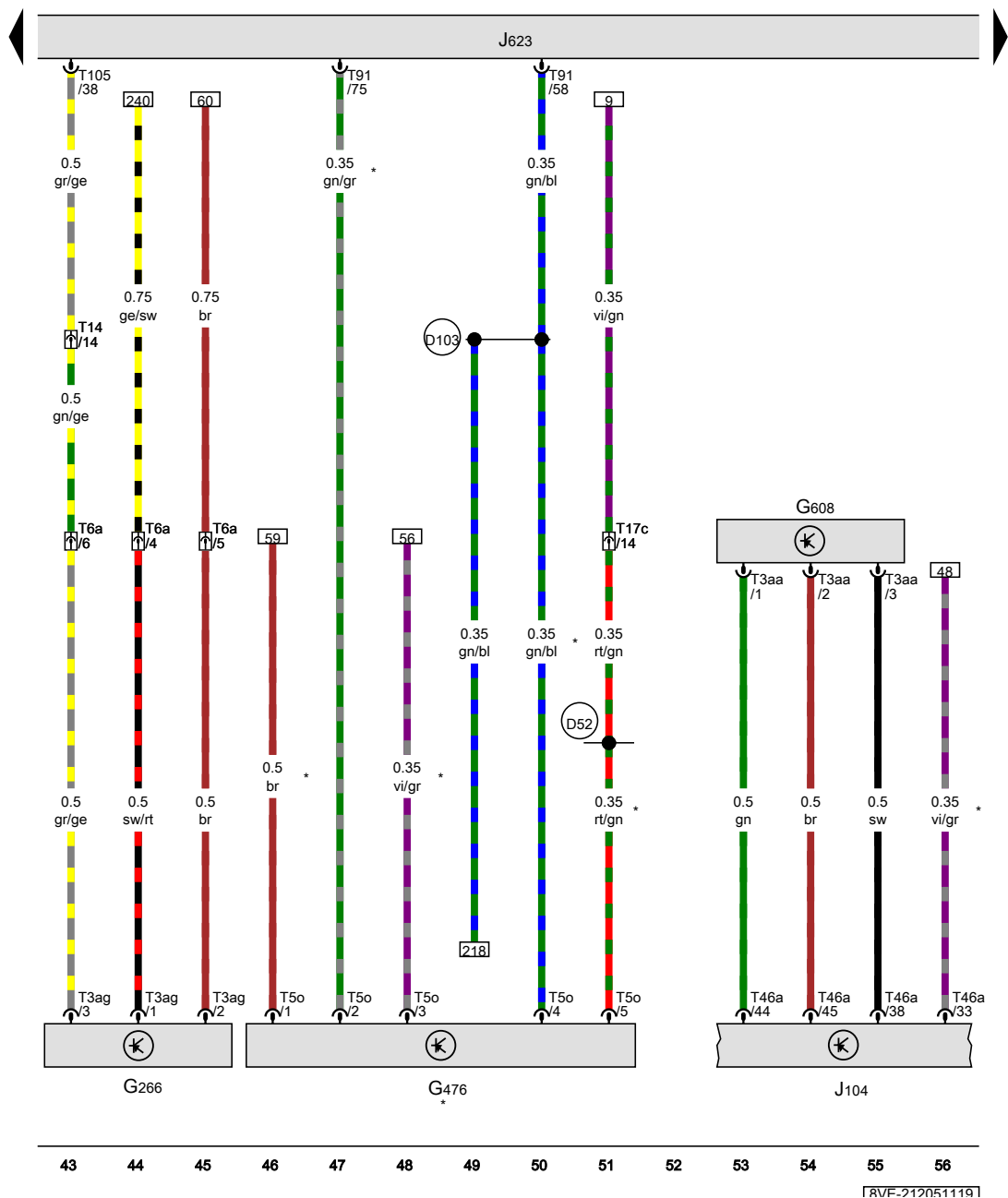
- J519 Onboard supply control unit
- J757 Engine component current supply relay
- SB Fuse holder B
- SB4 Fuse 4 on fuse holder B
- SB5 Fuse 5 on fuse holder B
- SB7 Fuse 7 on fuse holder B
- SB9 Fuse 9 on fuse holder B
- SB16 Fuse 16 on fuse holder B
- SB17 Fuse 17 on fuse holder B
- T14 14-pin connector, on left in engine compartment, grey
- T73a 73-pin connector, black
- T73c 73-pin connector, black
- D78 Positive connection 1 (30a), in engine compartment wiring harness
- D180 Connection (87a), in engine compartment wiring harness
- D202 Connection 6 (87a), in engine compartment wiring harness

Brake light switch, Brake pedal switch, Steering column electronics control unit, Fuel pump control unit, Engine/motor control unit

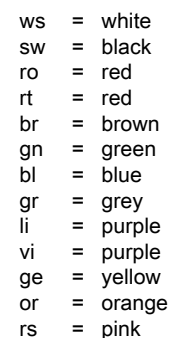


- D Ignition/starter switch
- F Brake light switch
- F63 Brake pedal switch
- J518 Entry and start authorisation control unit
- J527 Steering column electronics control unit
- J538 Fuel pump control unit
- J623 Engine/motor control unit
- T3 3-pin connector, black
- T4cl 4-pin connector, black
- T5c 5-pin connector, black
- T6dm 6-pin connector, black
- T17b 17-pin connector, on lower section of left A-pillar, brown
- T17c 17-pin connector, on lower section of left A-pillar, red
- T40a 40-pin connector, black
- T91 91-pin connector, black
- B335 Connection 1 (54), in main wiring harness
- B466 Connection 2, in main wiring harness
- D73 Positive connection (54), in engine compartment wiring harness
- D102 Connection 2 in engine compartment wiring harness
- * see applicable current flow diagram for steering column electronics
- *2 see applicable current flow diagram for entry and start authorisation
- *3 see applicable current flow diagram for fuel system
- *4 For models with cruise control system (CCS)
- *5 For models with auxiliary heating
- *6 For models with no auxiliary heater

Oil level and oil temperature sender, Clutch position sender, Vacuum sender, Engine/motor control unit



- G266 Oil level and oil temperature sender
- G476 Clutch position sender
- G608 Vacuum sender
- J104 ABS control unit
- J623 Engine/motor control unit
- T3aa 3-pin connector, black
- T3ag 3-pin connector, black
- T5o 5-pin connector, black
- T6a 6-pin connector, black
- T14 14-pin connector, on left in engine compartment, grey
- T17c 17-pin connector, on lower section of left A-pillar, red
- T46a 46-pin connector, black
- T91 91-pin connector, black
- T105 105-pin connector, black
- D52 Positive connection (15a), in engine compartment wiring harness
- D103 Connection 3 in engine compartment wiring harness
- * For models with manual gearbox



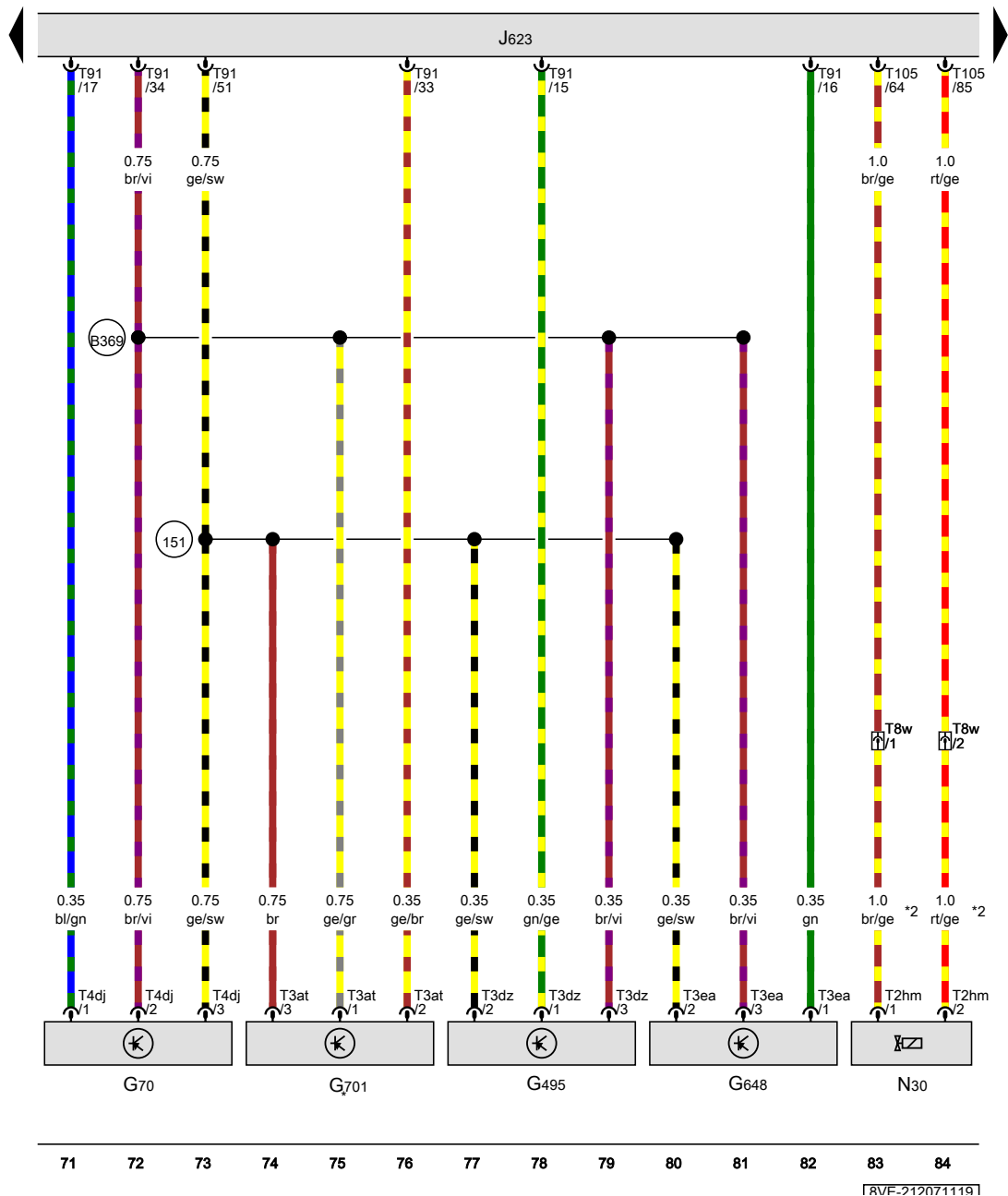
T91	91-pin connector, black

- 85 Earth connection 1, in engine compartment wiring harness
- 131 Earth connection 2, in engine compartment wiring harness
- 209 Earth connection 6, in engine compartment wiring harness
- 419 Earth connection 11, in engine compartment wiring harness
- 671 Earth point 1, on front of left longitudinal member
- D183 Connection 4 (87a), in engine compartment wiring harness

* see applicable current flow diagram for battery in engine compartment

*2 For models with manual gearbox

Air mass meter, Exhaust gas temperature sender 3, Exhaust gas temperature sender 4, Gearbox neutral position sender, Engine/motor control unit, Injector, cylinder 1



- G70 Air mass meter
- G495 Exhaust gas temperature sender 3
- G648 Exhaust gas temperature sender 4
- G701 Gearbox neutral position sender
- J623 Engine/motor control unit
- N30 Injector, cylinder 1
- T2hm 2-pin connector, black
- T3at 3-pin connector, black
- T3dz 3-pin connector, brown
- T3ea 3-pin connector, black, brown
- T4dj 4-pin connector, black
- T8w 8-pin connector, in engine prewiring wiring harness, black
- T91 91-pin connector, black
- T105 105-pin connector, black

151 Earth connection 1, in front wiring harness

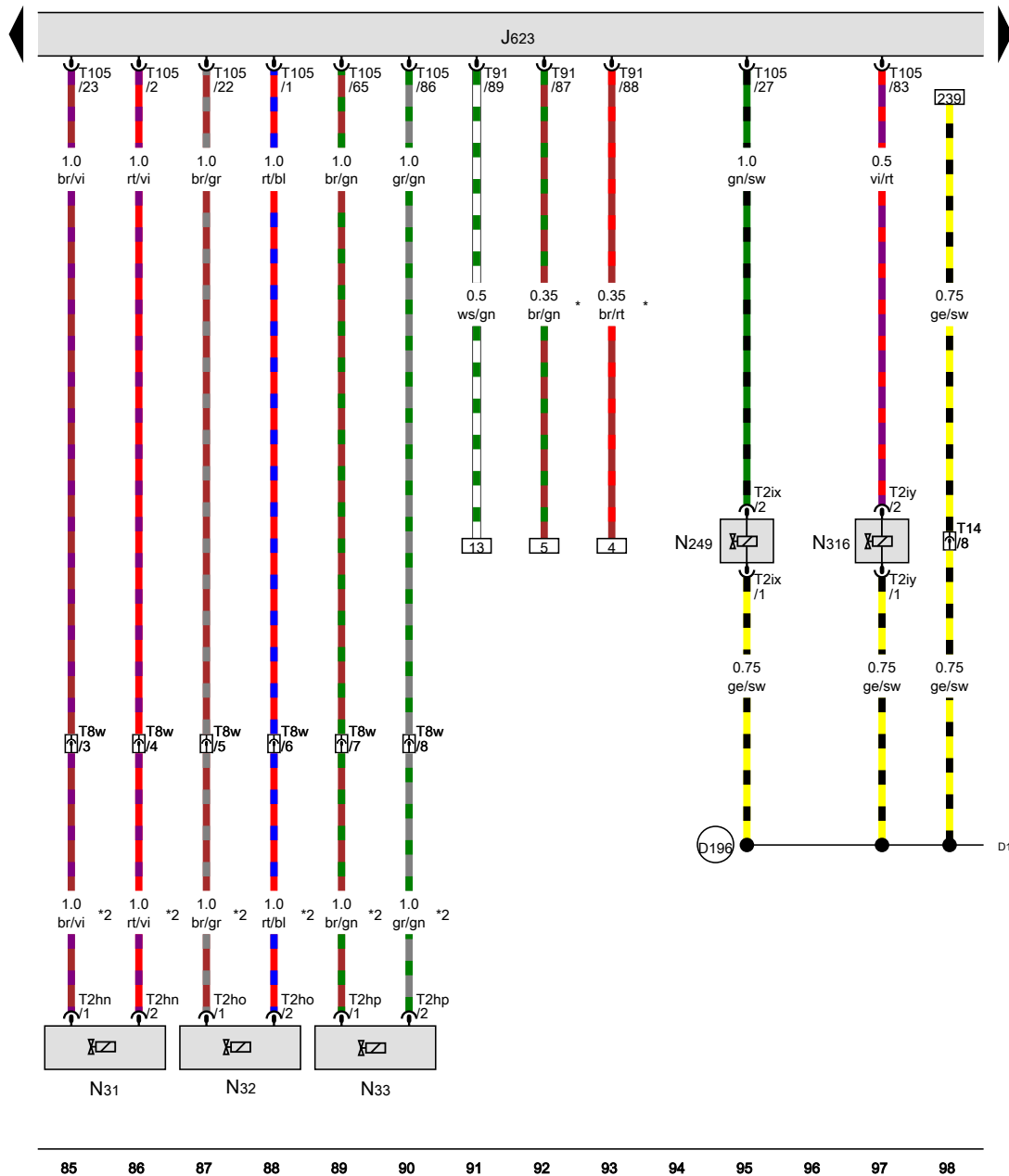
B369 Connection 1 (5V), in main wiring harness

* According to equipment

*2 Wiring colour depends on equipment

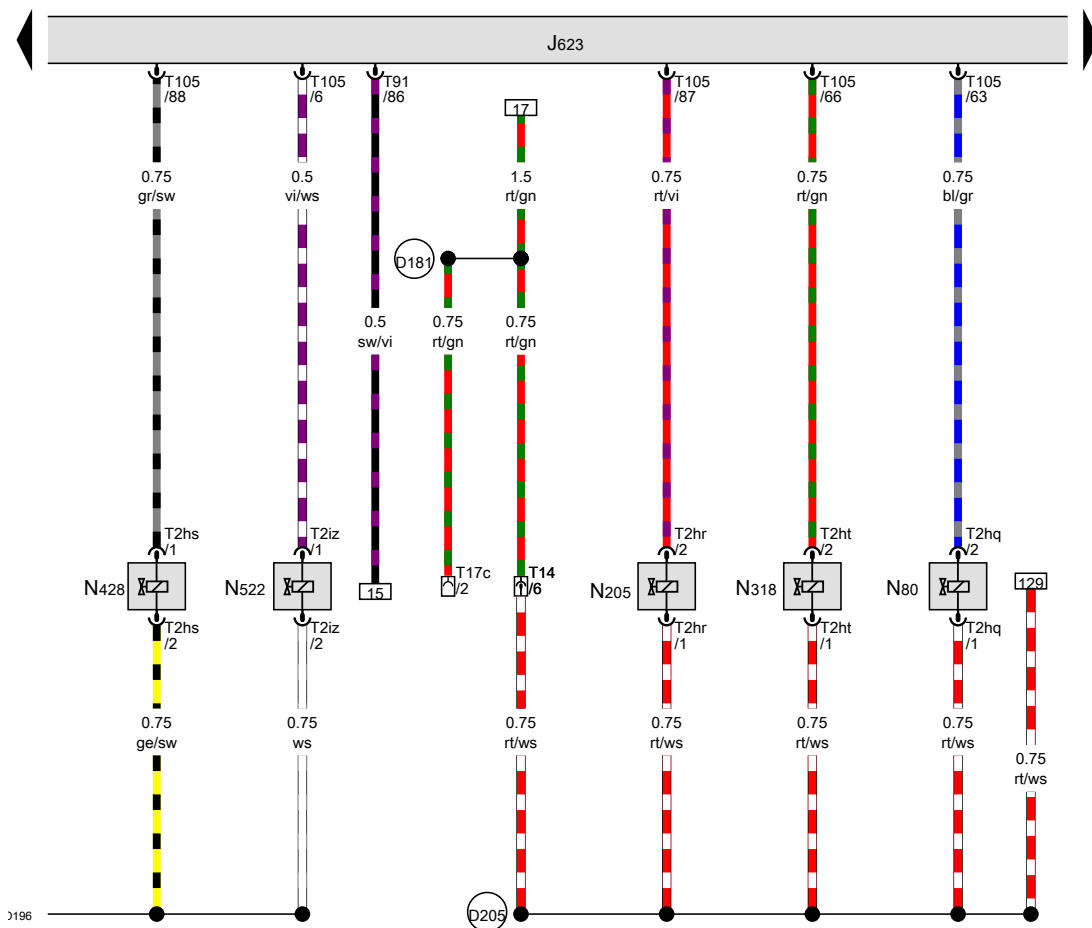
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Engine/motor control unit, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4, Turbocharger air recirculation valve, Intake manifold flap valve



- J623 Engine/motor control unit
- N31 Injector, cylinder 2
- N32 Injector, cylinder 3
- N33 Injector, cylinder 4
- N249 Turbocharger air recirculation valve
- N316 Intake manifold flap valve
- T2hn 2-pin connector, black
- T2ho 2-pin connector, black
- T2hp 2-pin connector, black
- T2ix 2-pin connector, black
- T2iy 2-pin connector, black
- T8w 8-pin connector, in engine prewiring wiring harness, black
- T14 14-pin connector, on left in engine compartment, grey
- T91 91-pin connector, black
- T105 105-pin connector, black
- D196 Connection 2 (87a) in engine prewiring harness
- * see applicable current flow diagram for battery in engine compartment
- *2 Wiring colour depends on equipment

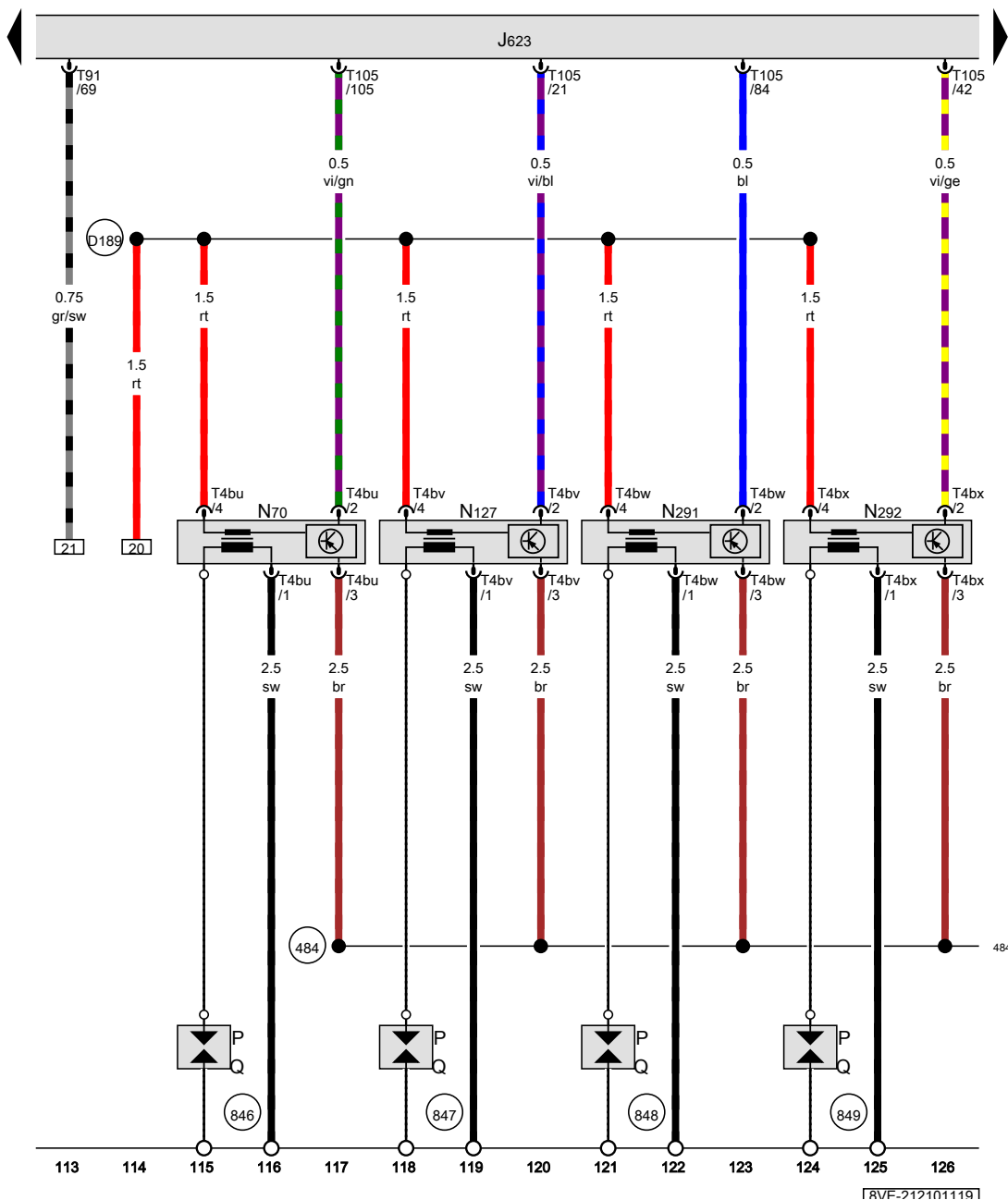
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Engine/motor control unit, Activated charcoal filter solenoid valve 1, Camshaft control valve 1, Exhaust camshaft control valve 1, Valve for oil pressure control, Piston cooling jet control valve

- J623 Engine/motor control unit
- N80 Activated charcoal filter solenoid valve 1
- N205 Camshaft control valve 1
- N318 Exhaust camshaft control valve 1
- N428 Valve for oil pressure control
- N522 Piston cooling jet control valve
- T2hq 2-pin connector, black
- T2hr 2-pin connector, black
- T2hs 2-pin connector, black
- T2ht 2-pin connector, black
- T2iz 2-pin connector, black
- T14 14-pin connector, on left in engine compartment, grey
- T17c 17-pin connector, on lower section of left A-pillar, red
- T91 91-pin connector, black
- T105 105-pin connector, black
- D181 Connection 2 (87a), in engine compartment wiring harness
- D196 Connection 2 (87a) in engine prewiring harness
- D205 Connection 3 (87a) in engine prewiring harness

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 bl = blue
 gr = grey
 li = purple
 vi = purple
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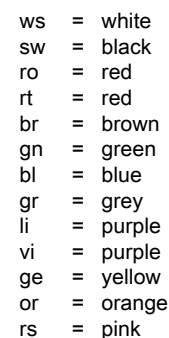


Engine/motor control unit, Ignition coil 1 with output stage, Ignition coil 2 with output stage, Ignition coil 3 with output stage, Ignition coil 4 with output stage

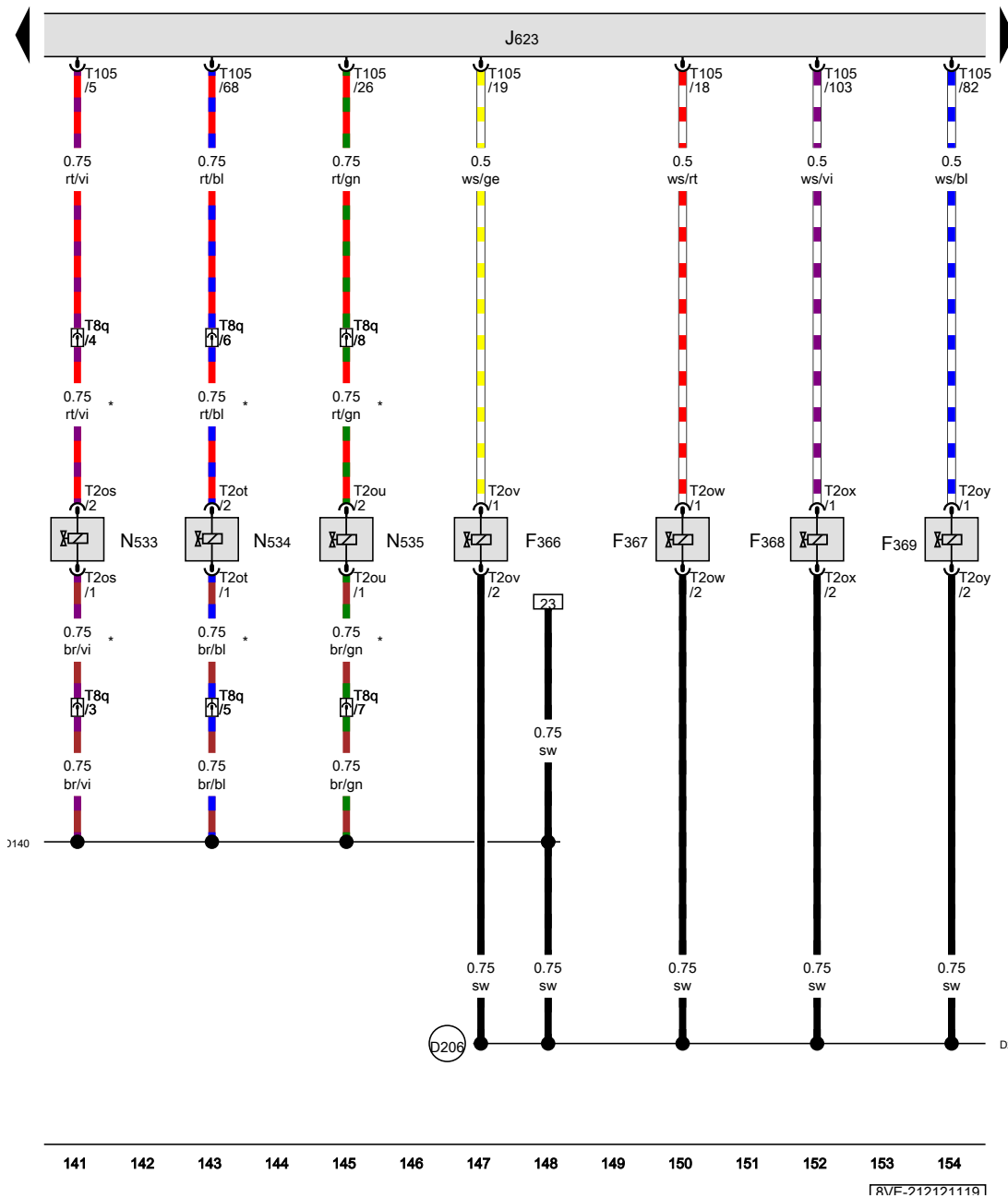
J623 Engine/motor control unit
 N70 Ignition coil 1 with output stage
 N127 Ignition coil 2 with output stage
 N291 Ignition coil 3 with output stage
 N292 Ignition coil 4 with output stage
 P Spark plug connector
 Q Spark plugs
 T4bu 4-pin connector, black
 T4bv 4-pin connector, black
 T4bw 4-pin connector, black
 T4bx 4-pin connector, black
 T91 91-pin connector, black
 T105 105-pin connector, black

484 Earth connection 2 (ignition coils), in engine prewiring harness
 846 Earth point on ignition coil 1
 847 Earth point on ignition coil 2
 848 Earth point on ignition coil 3
 849 Earth point on ignition coil 4
 D189 Connection (87a) in engine prewiring harness

ws = white
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 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
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G62	Coolant temperature sender
J623	Engine/motor control unit
N290	Fuel metering valve
N488	Coolant valve for gearbox
N532	Injector 2, cylinder 1
T2hv	2-pin connector, black
T2ib	2-pin connector, black
T2ja	2-pin connector, black
T2or	2-pin connector, black
T3as	3-pin connector, black
T8q	8-pin connector, in engine prewiring wiring harness, black
T10p	10-pin connector
T14	14-pin connector, on left in engine compartment, grey
T105	105-pin connector, black
V51	Continued coolant circulation pump
201	Earth connection 5, in engine compartment wiring harness
484	Earth connection 2 (ignition coils), in engine prewiring harness
D140	Connection (injectors), in engine prewiring harness
*	According to equipment
*2	Wiring colour depends on equipment



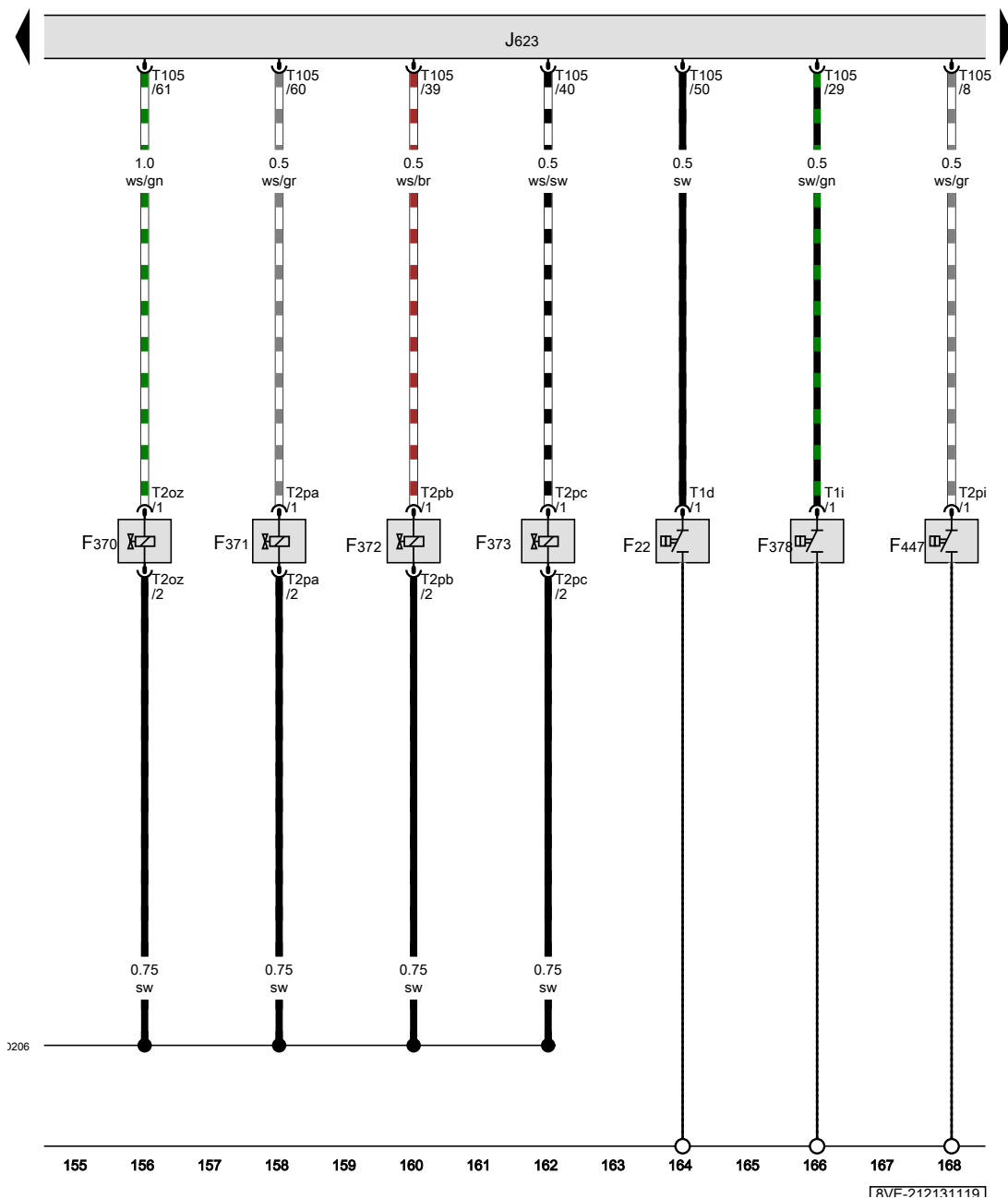
Cam adjustment actuator 1, Cam adjustment actuator 2, Cam adjustment actuator 3, Cam adjustment actuator 4, Engine/motor control unit, Injector 2, cylinder 2, Injector 2, cylinder 3, Injector 2, cylinder 4

- F366 Cam adjustment actuator 1
- F367 Cam adjustment actuator 2
- F368 Cam adjustment actuator 3
- F369 Cam adjustment actuator 4
- J623 Engine/motor control unit
- N533 Injector 2, cylinder 2
- N534 Injector 2, cylinder 3
- N535 Injector 2, cylinder 4
- T2os 2-pin connector, black
- T2ot 2-pin connector, black
- T2ou 2-pin connector, black
- T2ov 2-pin connector, black
- T2ow 2-pin connector, black
- T2ox 2-pin connector, black
- T2oy 2-pin connector, black
- T8q 8-pin connector, in engine prewiring wiring harness, black
- T105 105-pin connector, black

D140 Connection (injectors), in engine prewiring harness

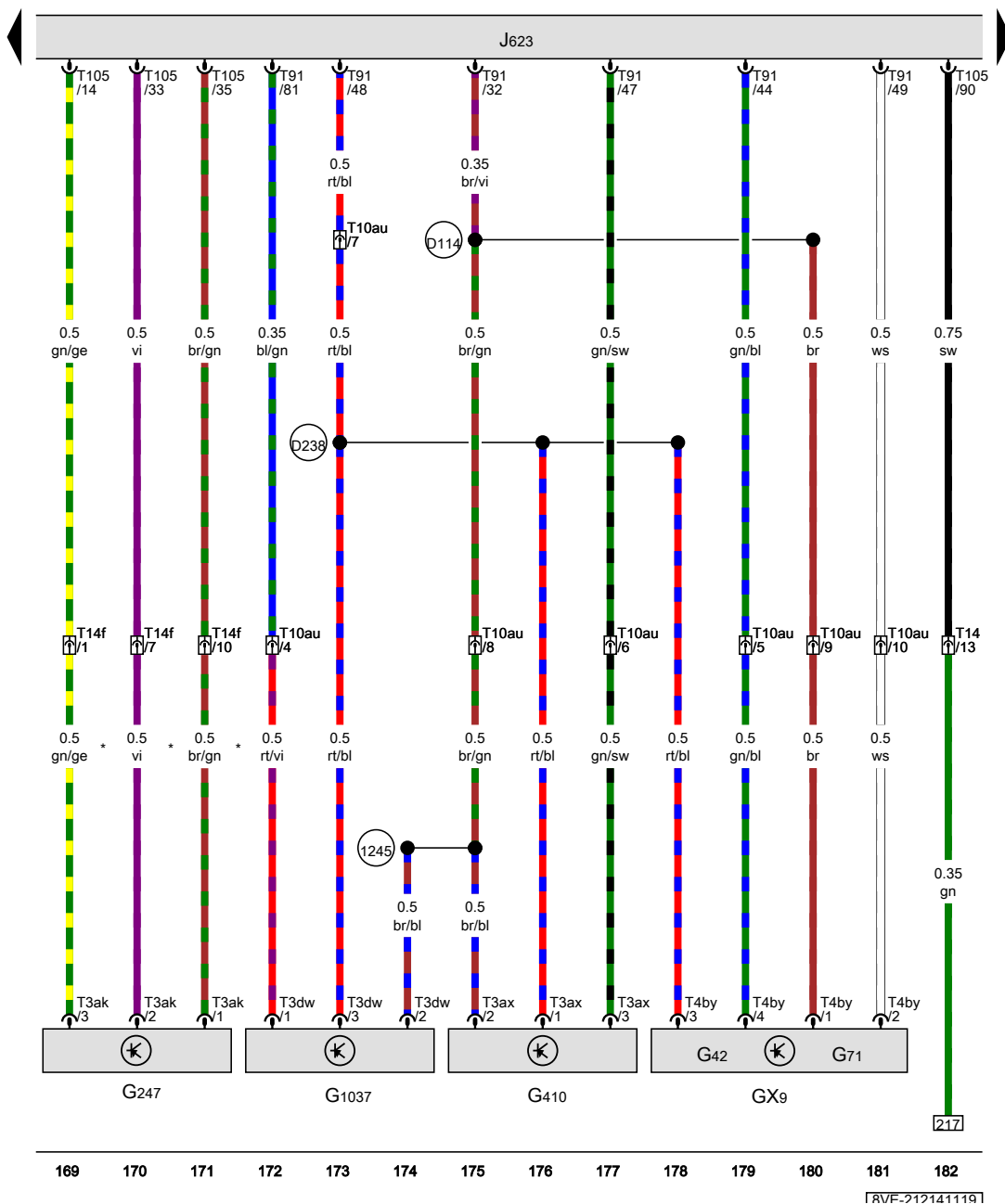
D206 Connection 4 (87a) in engine prewiring harness

* Wiring colour depends on equipment



Oil pressure switch, Cam adjustment actuator 5, Cam adjustment actuator 6, Cam adjustment actuator 7, Cam adjustment actuator 8, Oil pressure switch for reduced oil pressure, Stage 3 oil pressure switch, Engine/motor control unit

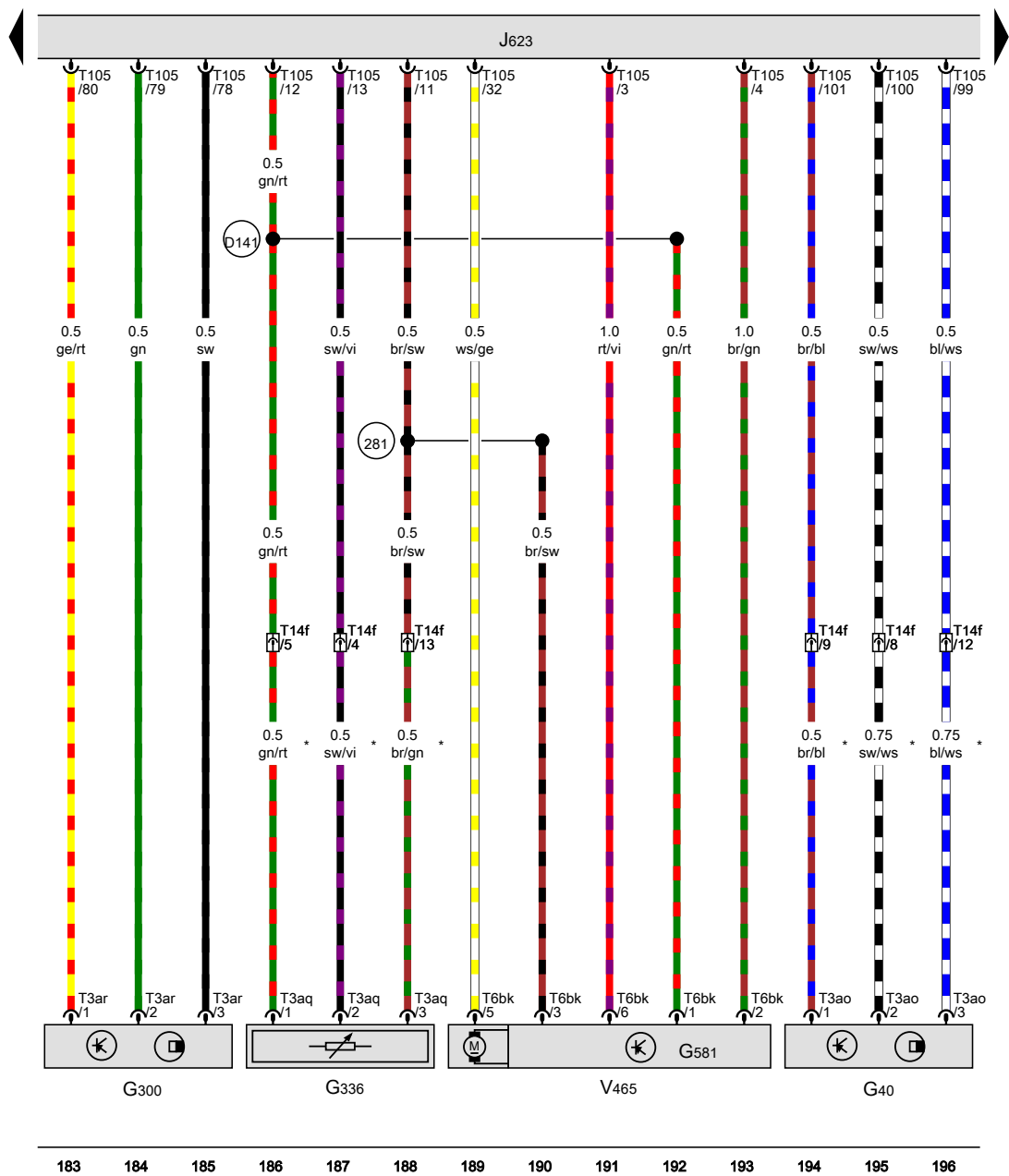
- F22 Oil pressure switch
- F370 Cam adjustment actuator 5
- F371 Cam adjustment actuator 6
- F372 Cam adjustment actuator 7
- F373 Cam adjustment actuator 8
- F378 Oil pressure switch for reduced oil pressure
- F447 Stage 3 oil pressure switch
- J623 Engine/motor control unit
- T1d 1-pin connector
- T1i 1-pin connector, black
- T2oz 2-pin connector, black
- T2pa 2-pin connector, black
- T2pb 2-pin connector, black
- T2pc 2-pin connector, black
- T2pi 2-pin connector, black
- T105 105-pin connector, black
- D206 Connection 4 (87a) in engine prewiring harness



Intake manifold sender, Fuel pressure sender, Fuel pressure sender for low pressure, Pressure differential sender for particulate filter, Engine/motor control unit

- GX9 Intake manifold sender
- G42 Intake air temperature sender
- G71 Intake manifold pressure sender
- G247 Fuel pressure sender
- G410 Fuel pressure sender for low pressure
- G1037 Pressure differential sender for particulate filter
- J623 Engine/motor control unit
- T3ak 3-pin connector, black
- T3ax 3-pin connector, black
- T3dw 3-pin connector, black
- T4by 4-pin connector, black
- T10au 10-pin connector, in engine compartment, black
- T14 14-pin connector, on left in engine compartment, grey
- T14f 14-pin connector, in engine prewiring wiring harness, black
- T91 91-pin connector, black
- T105 105-pin connector, black

- 1245 Earth point 8, engine prewiring harness
- D114 Connection 12 in engine compartment wiring harness
- D238 Connection 7 (5V) in engine prewiring harness
- * Wiring colour depends on equipment



Hall sender, Hall sender 3, Intake manifold flap potentiometer, Engine/motor control unit, Charge pressure positioner

- G40 Hall sender
- G300 Hall sender 3
- G336 Intake manifold flap potentiometer
- G581 Position sender for charge pressure positioner
- J623 Engine/motor control unit
- T3ao 3-pin connector, black
- T3aq 3-pin connector, black
- T3ar 3-pin connector, black
- T6bk 6-pin connector, grey
- T14f 14-pin connector, in engine prewiring wiring harness, black
- T105 105-pin connector, black
- V465 Charge pressure positioner

281 Earth point 1, engine prewiring harness

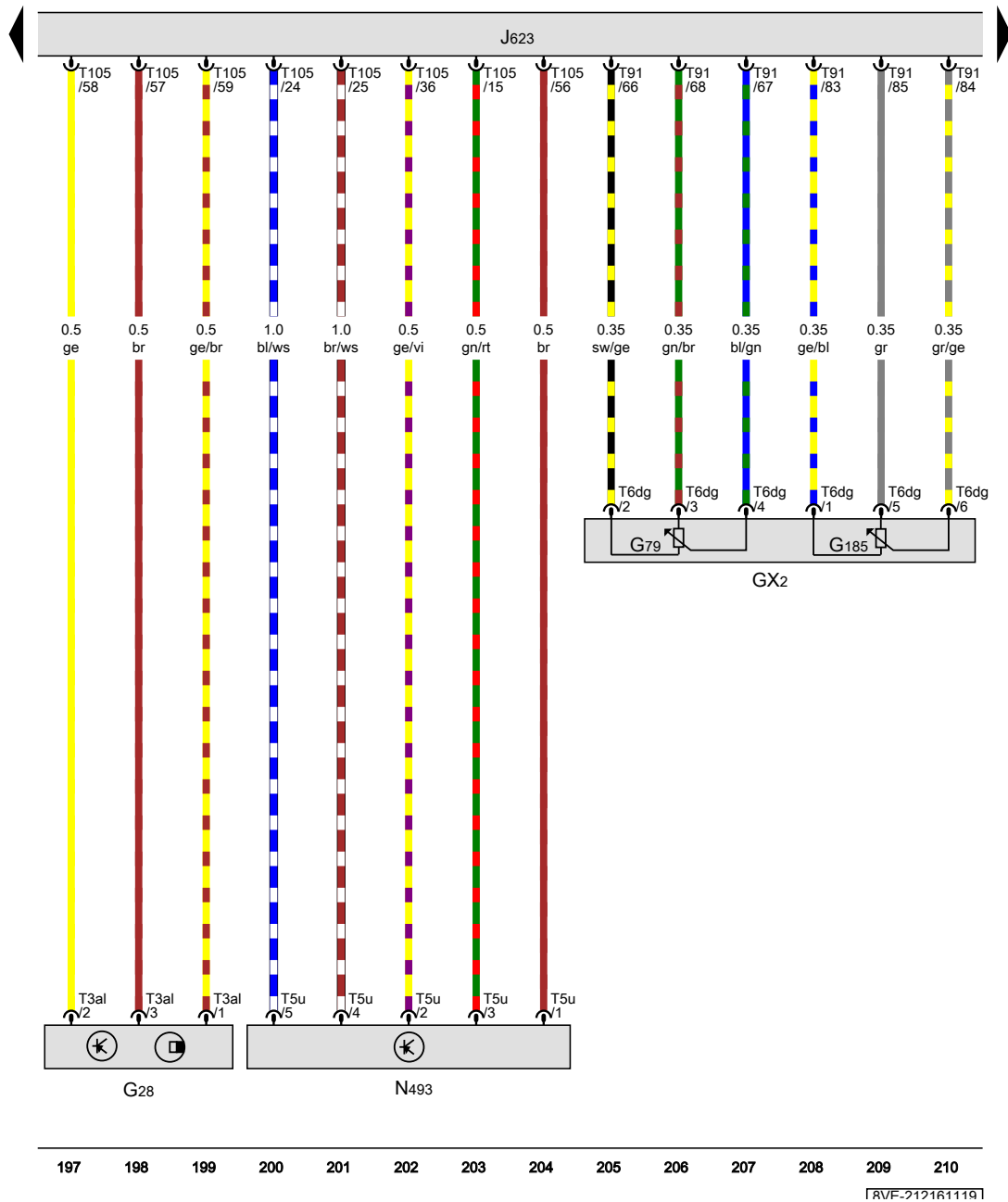
D141 Connection (5V) in engine prewiring harness

* Wiring colour depends on equipment

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
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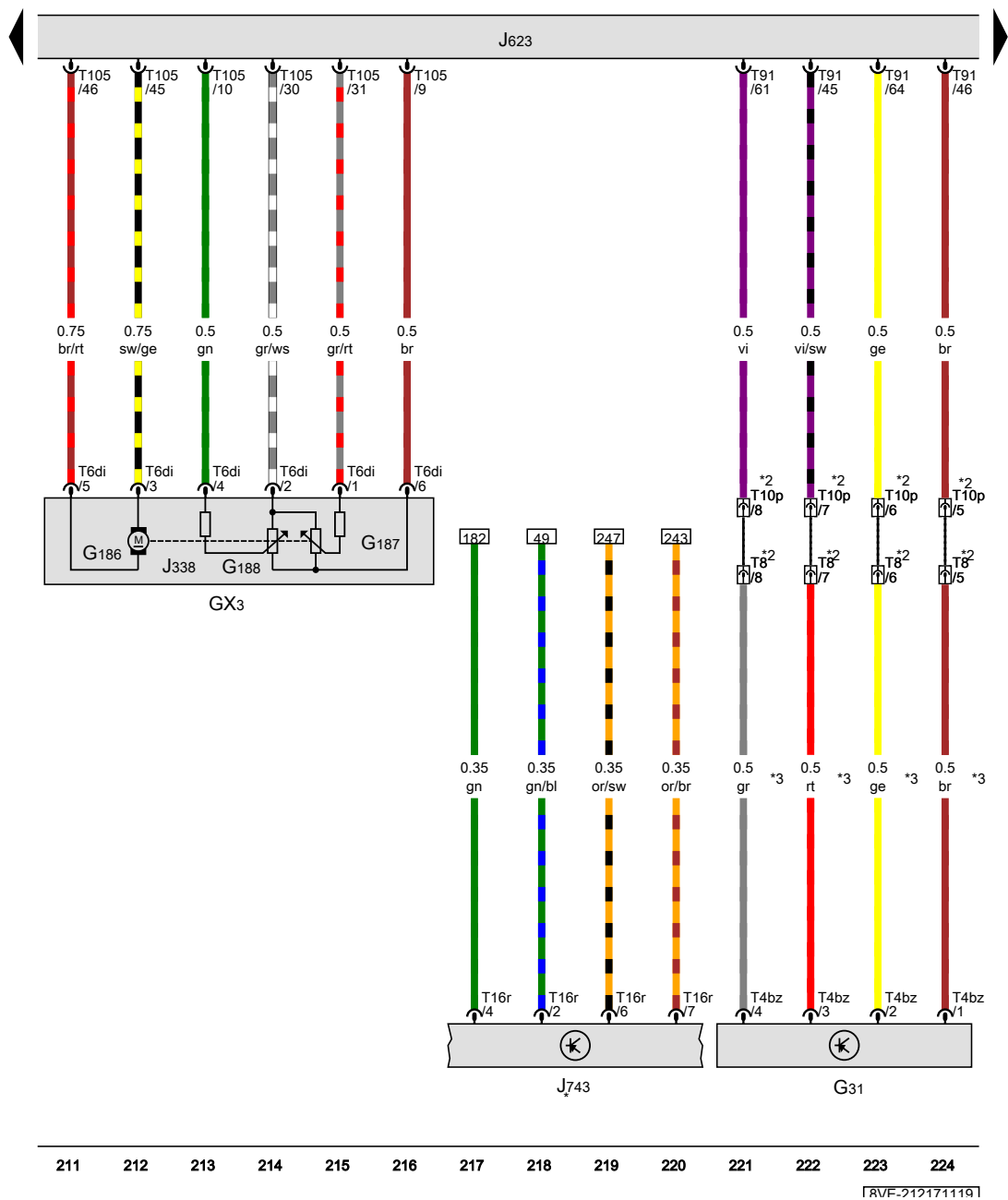
18V-F-212151119

Accelerator pedal module, Engine speed sender, Engine/
motor control unit, Actuator for engine temperature
regulation



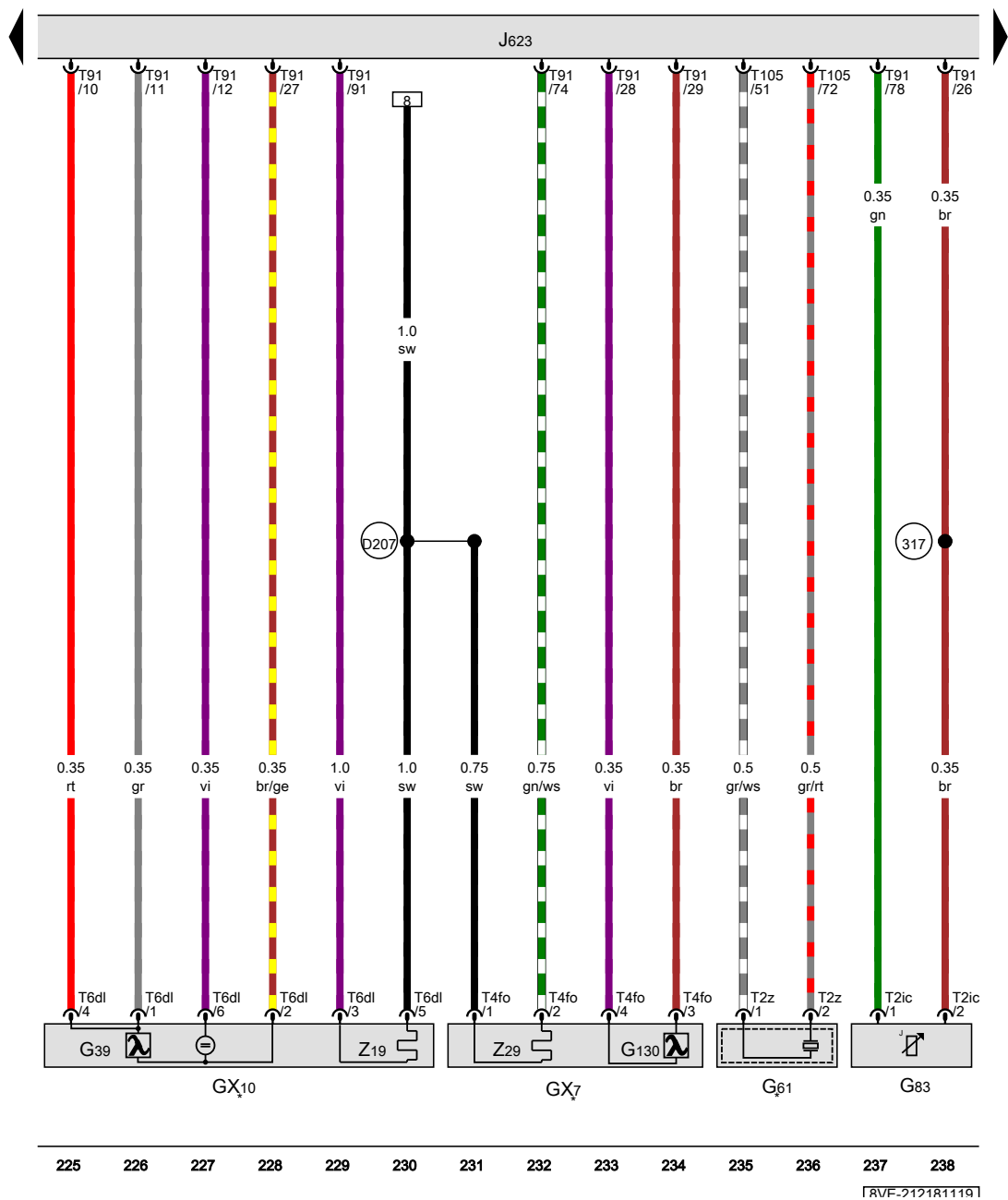
- GX2 Accelerator pedal module
- G28 Engine speed sender
- G79 Accelerator position sender
- G185 Accelerator position sender 2
- J623 Engine/motor control unit
- N493 Actuator for engine temperature regulation
- T3al 3-pin connector, black
- T5u 5-pin connector, black
- T6dg 6-pin connector, black
- T91 91-pin connector, black
- T105 105-pin connector, black

Throttle valve module, Charge pressure sender, Engine/
motor control unit, Mechatronic unit for dual clutch gearbox



- GX3 Throttle valve module
- G31 Charge pressure sender
- G186 Throttle valve drive for electric throttle
- G187 Throttle valve drive angle sender 1 for electric throttle
- G188 Throttle valve drive angle sender 2 for electric throttle
- J338 Throttle valve module
- J623 Engine/motor control unit
- J743 Mechatronic unit for dual clutch gearbox
- T4bz 4-pin connector, black
- T6di 6-pin connector, black
- T8 8-pin connector, black
- T10p 10-pin connector, black
- T16r 16-pin connector, black
- T91 91-pin connector, black
- T105 105-pin connector, black
- * For models with dual clutch gearbox
- *2 According to equipment
- *3 Wiring colour depends on equipment

Lambda probe 1 after catalytic converter, Lambda probe 1 before catalytic converter, Knock sensor 1, Radiator outlet coolant temperature sender, Engine/motor control unit



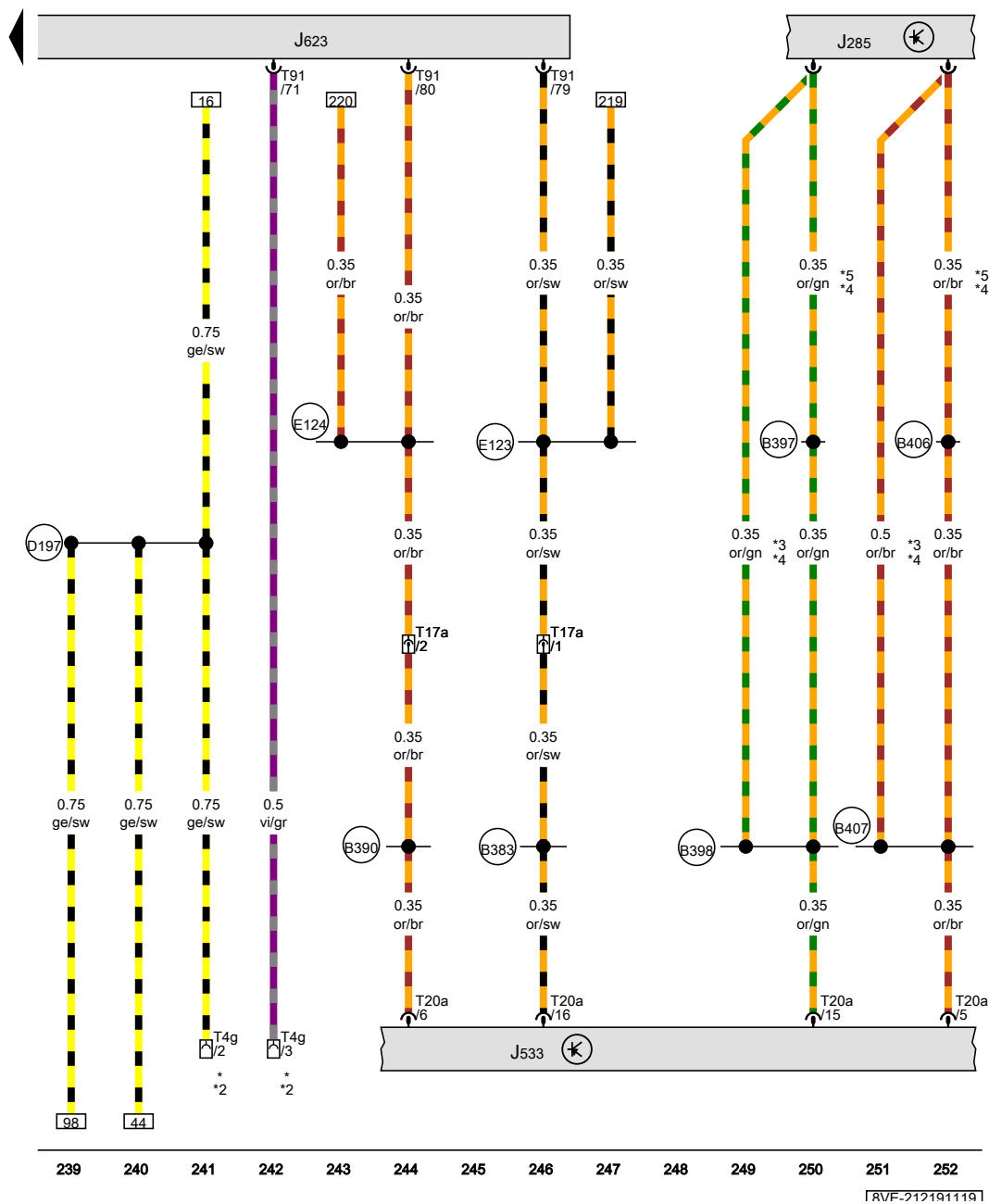
- GX7 Lambda probe 1 after catalytic converter
- GX10 Lambda probe 1 before catalytic converter
- G39 Lambda probe
- G61 Knock sensor 1
- G83 Radiator outlet coolant temperature sender
- G130 Lambda probe after catalytic converter
- J623 Engine/motor control unit
- T2ic 2-pin connector, black
- T2z 2-pin connector, black
- T4fo 4-pin connector, black
- T6dl 6-pin connector, black
- T91 91-pin connector, black
- T105 105-pin connector, black
- Z19 Lambda probe heater
- Z29 Lambda probe 1 heater after catalytic converter

317 Earth connection 7, in engine compartment wiring harness

D207 Connection 7 (87a), in engine compartment wiring harness

* Pre-wired component

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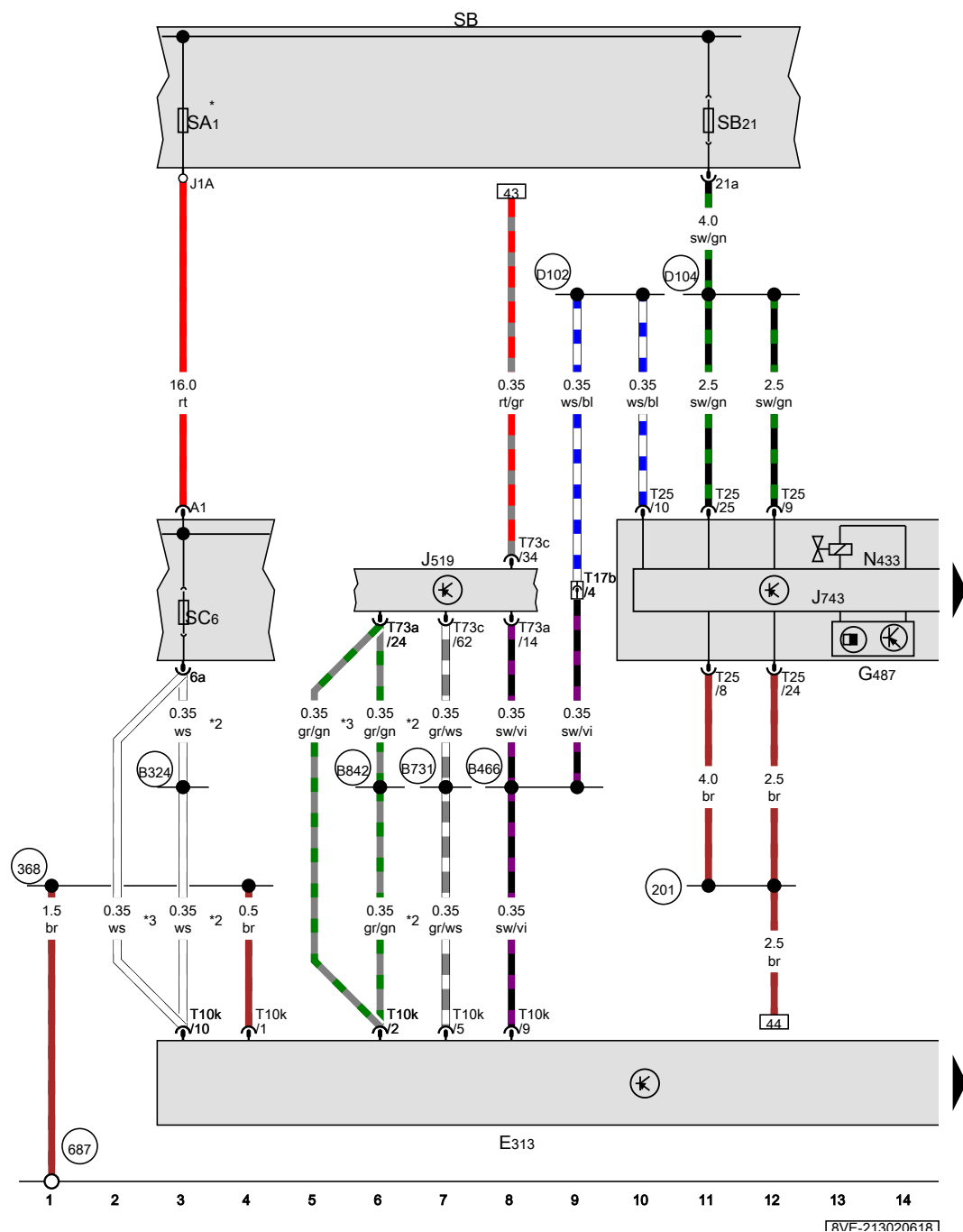


Control unit in dash panel insert, Data bus diagnostic interface, Engine/motor control unit

- J285 Control unit in dash panel insert
- J533 Data bus diagnostic interface
- J623 Engine/motor control unit
- T4g 4-pin connector, black
- T17a 17-pin connector, on lower section of left A-pillar, black
- T20a 20-pin connector, red
- T91 91-pin connector, black
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness
- D197 Connection 5 (87a), in engine compartment wiring harness
- E123 Connection 1 (powertrain CAN bus, high), in engine wiring harness
- E124 Connection 1 (powertrain CAN bus, low), in engine wiring harness
- * Radiator fan connection
- *2 see applicable current flow diagram for radiator fan
- *3 For right-hand drive models
- *4 see applicable current flow diagram for dash panel insert
- *5 For left-hand drive models

7-speed dual clutch gearbox 0CW (S tronic) , (0EG)

From July 2018



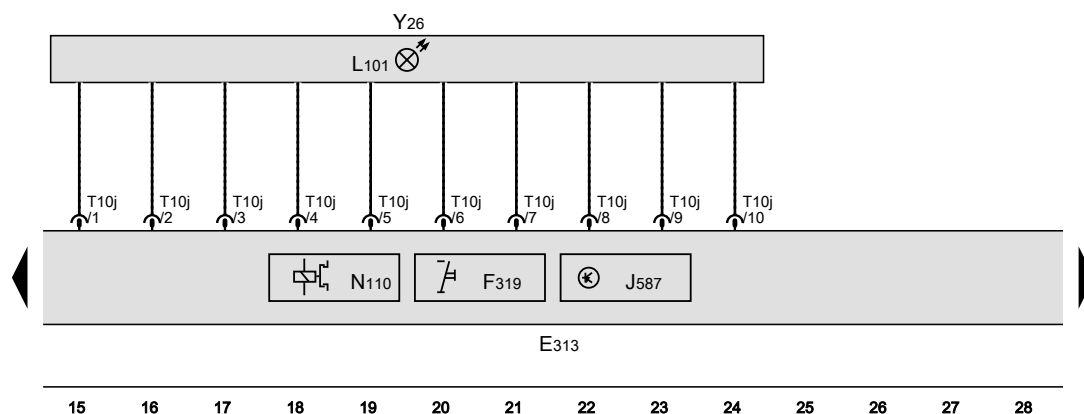
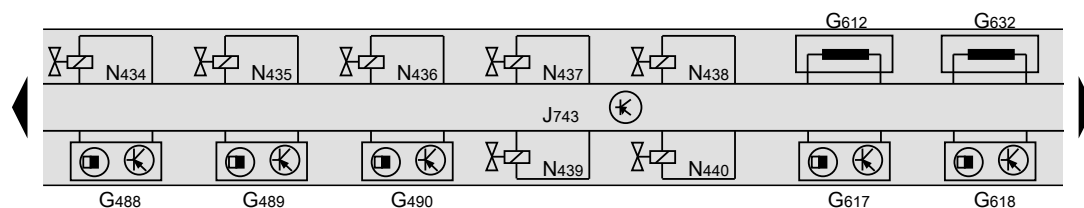
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Selector lever, Onboard supply control unit, Mechatronic unit for dual clutch gearbox, Valve 1 in gear train half 1

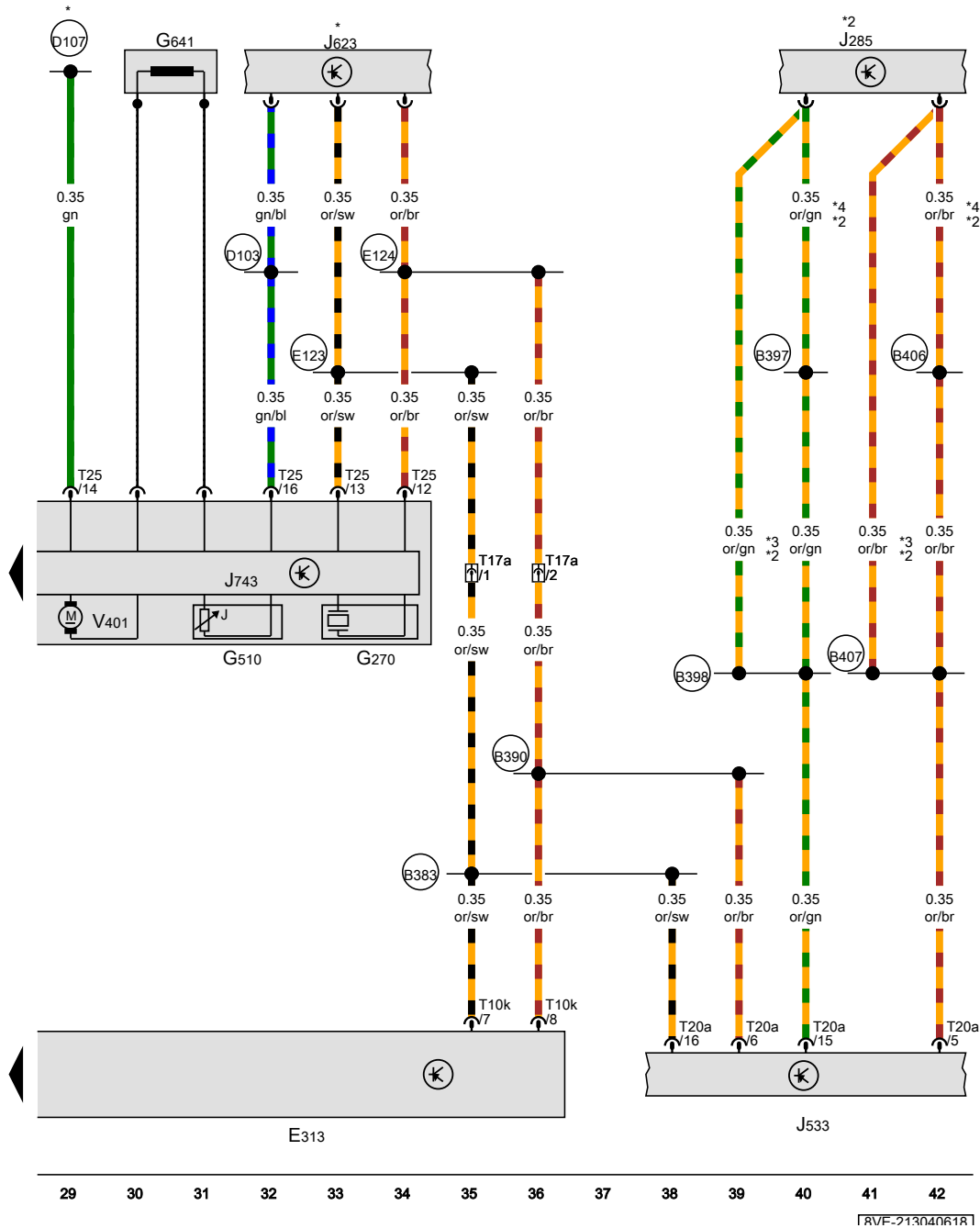
- E313 Selector lever
- G487 Gear selector movement sensor 1
- J519 Onboard supply control unit
- J743 Mechatronic unit for dual clutch gearbox
- N433 Valve 1 in gear train half 1
- SA1 Fuse 1 on fuse holder A
- SB Fuse holder B
- SC6 Fuse 6 on fuse holder C
- SB21 Fuse 21 on fuse holder B
- T10k 10-pin connector, black
- T17b 17-pin connector, on lower section of left A-pillar, brown
- T25 25-pin connector, black
- T73a 73-pin connector, black
- T73c 73-pin connector, black
- 201 Earth connection 5, in engine compartment wiring harness
- 368 Earth connection 3, in main wiring harness
- 687 Earth point 1, on centre tunnel
- B324 Positive connection 10 (30a) in main wiring harness
- B466 Connection 2, in main wiring harness
- B731 Connection 1 (58s), in main wiring harness
- B842 Connection 8 (LIN bus) in main wiring harness
- D102 Connection 2 in engine compartment wiring harness
- D104 Positive connection 2 (30a), in engine compartment wiring harness
- * see applicable current flow diagram for battery in engine compartment
- *2 For models with no heated steering wheel
- *3 For models with heated steering wheel

Selector lever, Selector lever locked in position P switch, Gearbox input speed sender 2, Gearbox input speed sender 1, Selector lever sensors control unit, Mechatronic unit for dual clutch gearbox, Selector lever lock solenoid, Valve 2 in gear train half 1, Valve 3 in gear train half 1, Valve 4 in gear train half 1, Valve 1 in gear train half 2, Valve 2 in gear train half 2, Selector lever position display

- E313 Selector lever
- F319 Selector lever locked in position P switch
- G488 Gear selector movement sensor 2
- G489 Gear selector movement sensor 3
- G490 Gear selector movement sensor 4
- G612 Gearbox input speed sender 2
- G617 Clutch travel sender 1
- G618 Clutch travel sender 2
- G632 Gearbox input speed sender 1
- J587 Selector lever sensors control unit
- J743 Mechatronic unit for dual clutch gearbox
- L101 Selector lever display illumination bulb
- N110 Selector lever lock solenoid
- N434 Valve 2 in gear train half 1
- N435 Valve 3 in gear train half 1
- N436 Valve 4 in gear train half 1
- N437 Valve 1 in gear train half 2
- N438 Valve 2 in gear train half 2
- N439 Valve 3 in gear train half 2
- N440 Valve 4 in gear train half 2
- T10j 10-pin connector
- Y26 Selector lever position display



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- rs = pink



Selector lever, Gearbox hydraulic pressure sender, Temperature sender in control unit, Gearbox input speed sender 3, Control unit in dash panel insert, Data bus diagnostic interface, Engine/motor control unit, Mechatronic unit for dual clutch gearbox, Hydraulic pump motor

- E313 Selector lever
- G270 Gearbox hydraulic pressure sender
- G510 Temperature sender in control unit
- G641 Gearbox input speed sender 3
- J285 Control unit in dash panel insert
- J533 Data bus diagnostic interface
- J623 Engine/motor control unit
- J743 Mechatronic unit for dual clutch gearbox
- T10k 10-pin connector, black
- T17a 17-pin connector, on lower section of left A-pillar, black
- T20a 20-pin connector
- T25 25-pin connector, black
- V401 Hydraulic pump motor
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness
- D103 Connection 3 in engine compartment wiring harness
- D107 Connection 5 in engine compartment wiring harness
- E123 Connection 1 (powertrain CAN bus, high), in engine wiring harness
- E124 Connection 1 (powertrain CAN bus, low), in engine wiring harness
- * see applicable current flow diagram for engine
- *2 see applicable current flow diagram for dash panel insert
- *3 For right-hand drive models
- *4 For left-hand drive models

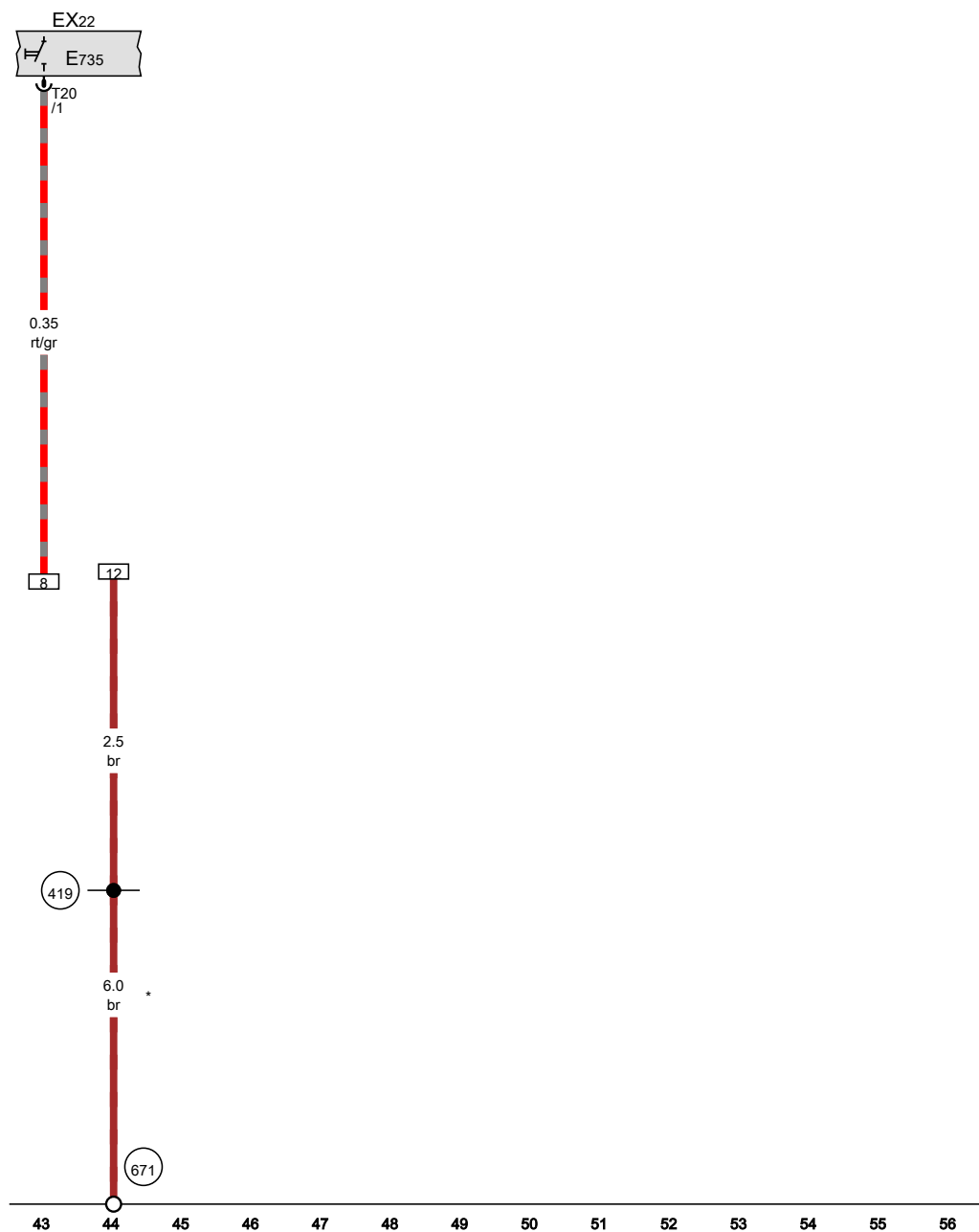
Centre switch module in dash panel

EX22 Centre switch module in dash panel
E735 Driving mode selection button
T20 20-pin connector, red

419 Earth connection 11, in engine compartment wiring harness

671 Earth point 1, on front of left longitudinal member

* gradual introduction

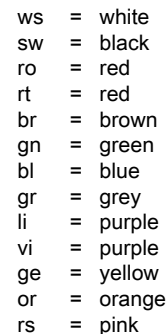


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sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

[8VF-213050618]

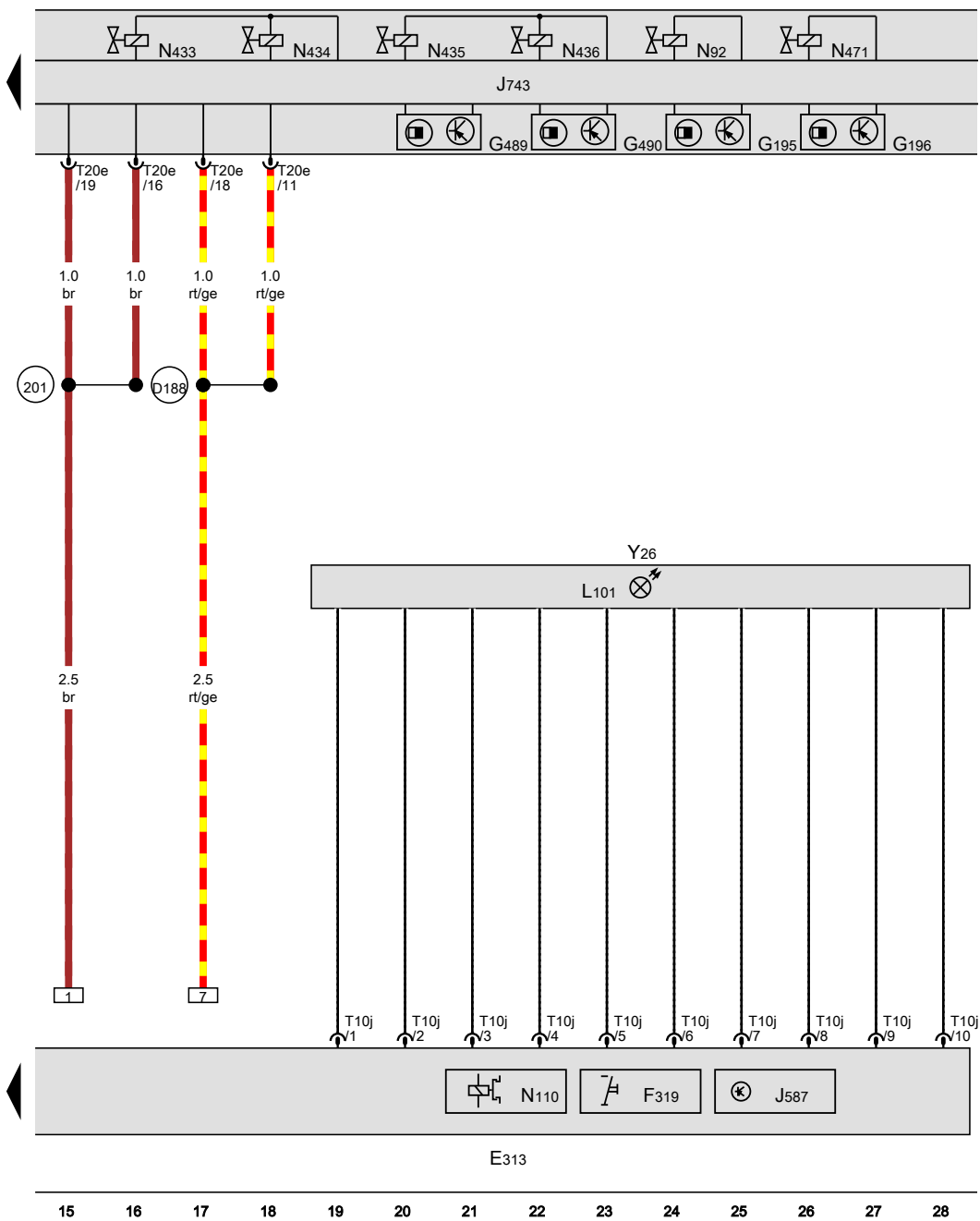
Dual clutch gearbox 0D9 , (0ES)

From July 2018



- 368 Earth connection 3, in main wiring harness
- 419 Earth connection 11, in engine compartment wiring harness
- 671 Earth point 1, on front of left longitudinal member
- 687 Earth point 1, on centre tunnel
- B324 Positive connection 10 (30a) in main wiring harness
- B466 Connection 2, in main wiring harness
- B731 Connection 1 (58s), in main wiring harness
- B842 Connection 8 (LIN bus) in main wiring harness
- D102 Connection 2 in engine compartment wiring harness

*2 For models with no heated steering wheel
*3 For models with heated steering wheel



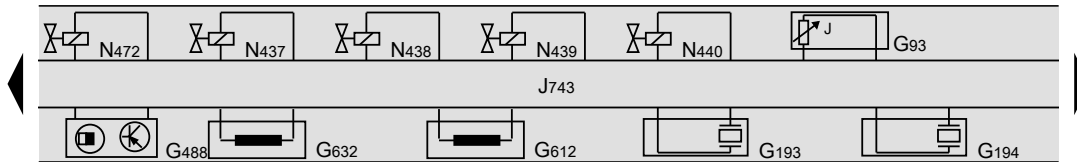
Selector lever, Selector lever locked in position P switch, Selector lever sensors control unit, Mechatronic unit for dual clutch gearbox, Solenoid valve 5, Selector lever lock solenoid, Valve 1 in gear train half 1, Valve 2 in gear train half 1, Valve 3 in gear train half 1, Valve 4 in gear train half 1, Cooling oil valve, Selector lever position display

- E313 Selector lever
- F319 Selector lever locked in position P switch
- G195 Gearbox output speed sender
- G196 Gearbox output speed sender 2
- G489 Gear selector movement sensor 3
- G490 Gear selector movement sensor 4
- J587 Selector lever sensors control unit
- J743 Mechatronic unit for dual clutch gearbox
- L101 Selector lever display illumination bulb
- N92 Solenoid valve 5
- N110 Selector lever lock solenoid
- N433 Valve 1 in gear train half 1
- N434 Valve 2 in gear train half 1
- N435 Valve 3 in gear train half 1
- N436 Valve 4 in gear train half 1
- N471 Cooling oil valve
- T10j 10-pin connector
- T20e 20-pin connector, black
- Y26 Selector lever position display

201 Earth connection 5, in engine compartment wiring harness

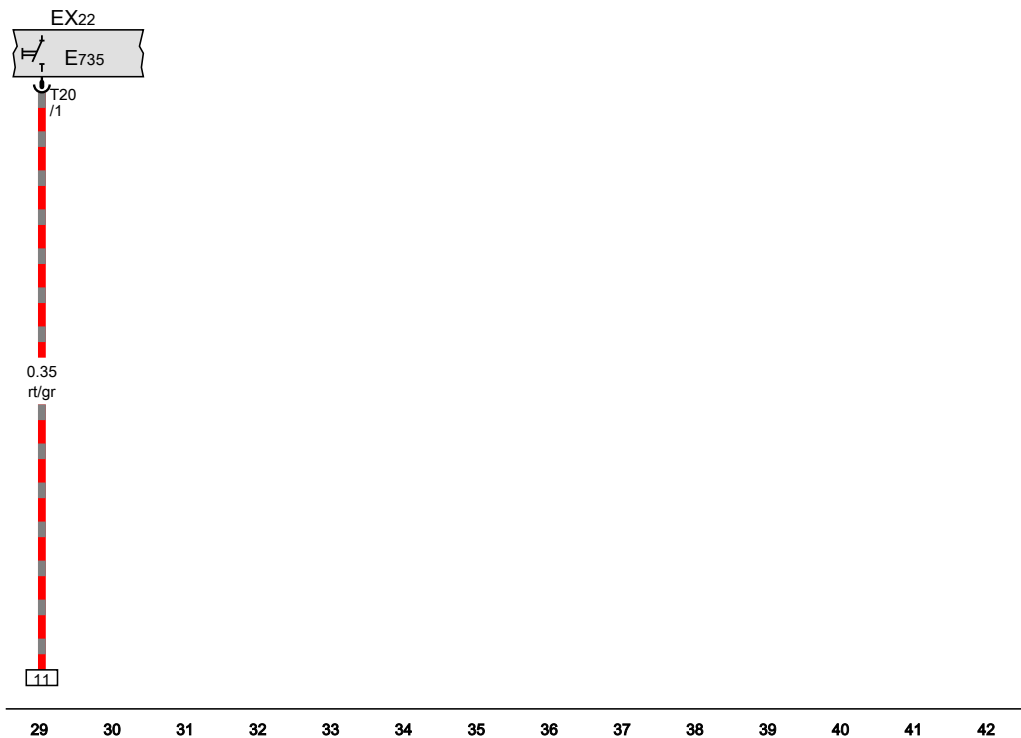
D188 Positive connection 3 (30a), in engine compartment wiring harness

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- ro = red
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- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



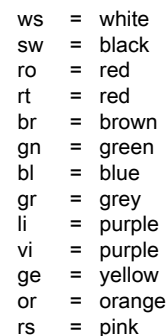
Gearbox oil temperature sender, Automatic gearbox hydraulic pressure sender 1, Automatic gearbox hydraulic pressure sender 2, Gearbox input speed sender 2, Gearbox input speed sender 1, Mechatronic unit for dual clutch gearbox, Valve 1 in gear train half 2, Valve 2 in gear train half 2, Valve 3 in gear train half 2, Valve 4 in gear train half 2, Main pressure valve

- EX22 Centre switch module in dash panel
- E735 Driving mode selection button
- G93 Gearbox oil temperature sender
- G193 Automatic gearbox hydraulic pressure sender 1
- G194 Automatic gearbox hydraulic pressure sender 2
- G488 Gear selector movement sensor 2
- G612 Gearbox input speed sender 2
- G632 Gearbox input speed sender 1
- J743 Mechatronic unit for dual clutch gearbox
- N437 Valve 1 in gear train half 2
- N438 Valve 2 in gear train half 2
- N439 Valve 3 in gear train half 2
- N440 Valve 4 in gear train half 2
- N472 Main pressure valve
- T20 20-pin connector, red



- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

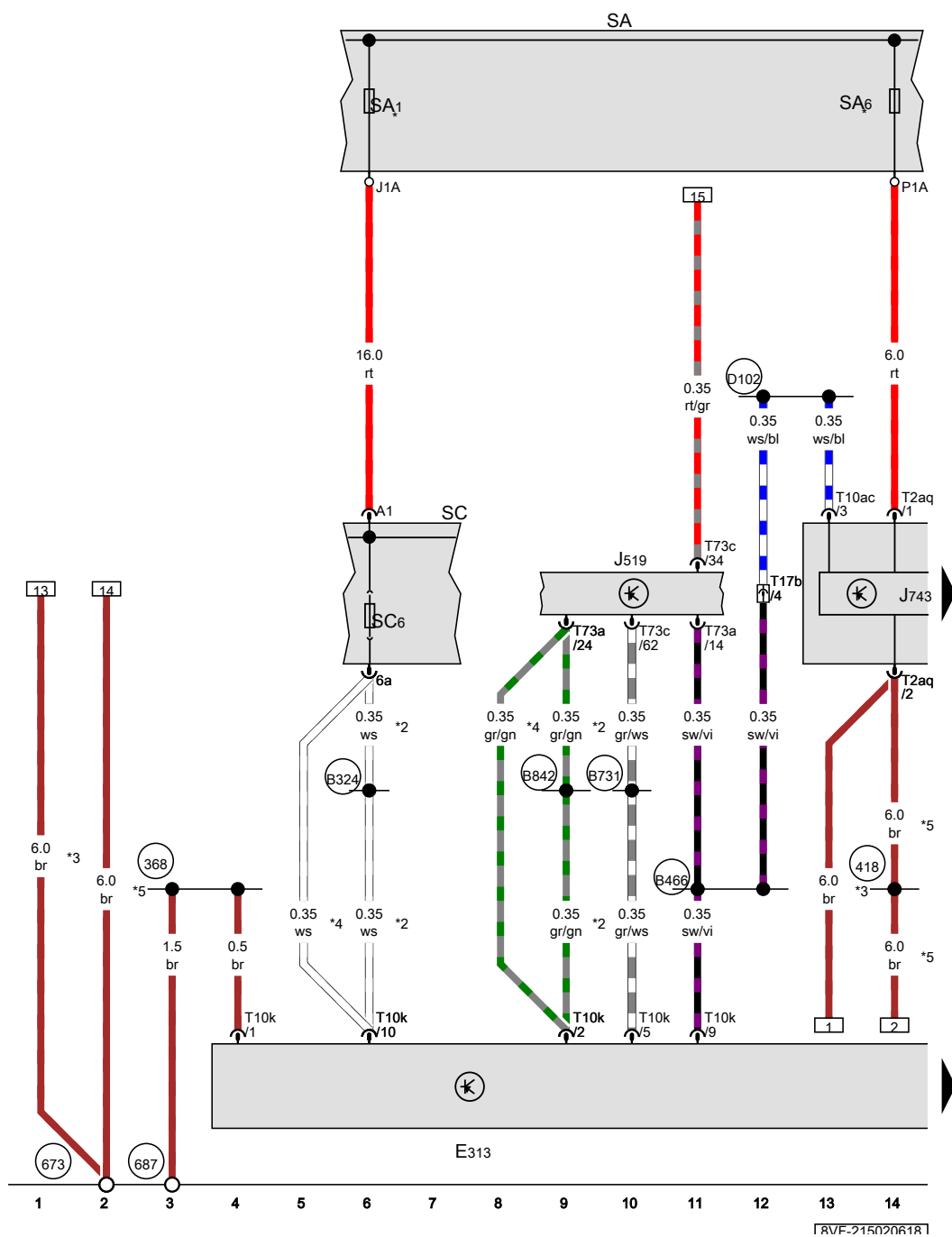
18V-F-214040618



- * see applicable current flow diagram for engine
- *2 For right-hand drive models
- *3 see applicable current flow diagram for dash panel insert
- *4 For models with diesel engine
- *5 For left-hand drive models
- *6 For models with petrol engine

6-speed dual clutch gearbox , (01C)

From July 2018



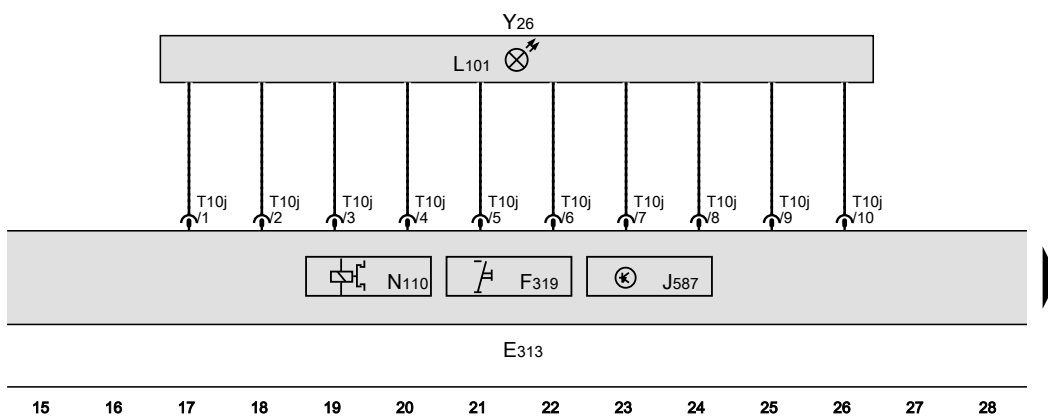
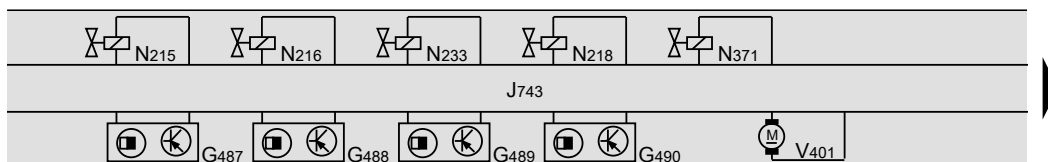
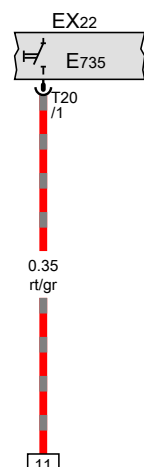
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 rs = pink

Selector lever, Onboard supply control unit, Mechatronic unit for dual clutch gearbox

- E313 Selector lever
- J519 Onboard supply control unit
- J743 Mechatronic unit for dual clutch gearbox
- SA Fuse holder A
- SA1 Fuse 1 on fuse holder A
- SC6 Fuse 6 on fuse holder C
- SA6 Fuse 6 on fuse holder A
- SC Fuse holder C
- T2aq 2-pin connector, black
- T10ac 10-pin connector, black
- T10k 10-pin connector, black
- T17b 17-pin connector, on lower section of left A-pillar, brown
- T73a 73-pin connector, black
- T73c 73-pin connector, black
- 368 Earth connection 3, in main wiring harness
- 418 Earth connection 10, in engine compartment wiring harness
- 673 Earth point 3, on front of left longitudinal member
- 687 Earth point 1, on centre tunnel
- B324 Positive connection 10 (30a) in main wiring harness
- B466 Connection 2, in main wiring harness
- B731 Connection 1 (58s), in main wiring harness
- B842 Connection 8 (LIN bus) in main wiring harness
- D102 Connection 2 in engine compartment wiring harness
- * see applicable current flow diagram for high-voltage system
- *2 For models with no heated steering wheel
- *3 For models with no US equipment
- *4 For models with heated steering wheel
- *5 For models with US equipment

Selector lever, Selector lever locked in position P switch, Selector lever sensors control unit, Mechatronic unit for dual clutch gearbox, Selector lever lock solenoid, Automatic gearbox pressure regulating valve 1, Automatic gearbox pressure regulating valve 2, Automatic gearbox pressure regulating valve 4, Automatic gearbox pressure regulating valve 5, Automatic gearbox pressure regulating valve 6, Hydraulic pump motor, Selector lever position display

- EX22 Centre switch module in dash panel
- E313 Selector lever
- E735 Driving mode selection button
- F319 Selector lever locked in position P switch
- G487 Gear selector movement sensor 1
- G488 Gear selector movement sensor 2
- G489 Gear selector movement sensor 3
- G490 Gear selector movement sensor 4
- J587 Selector lever sensors control unit
- J743 Mechatronic unit for dual clutch gearbox
- L101 Selector lever display illumination bulb
- N110 Selector lever lock solenoid
- N215 Automatic gearbox pressure regulating valve 1
- N216 Automatic gearbox pressure regulating valve 2
- N218 Automatic gearbox pressure regulating valve 4
- N233 Automatic gearbox pressure regulating valve 5
- N371 Automatic gearbox pressure regulating valve 6
- T10j 10-pin connector
- T20 20-pin connector, red
- V401 Hydraulic pump motor
- Y26 Selector lever position display

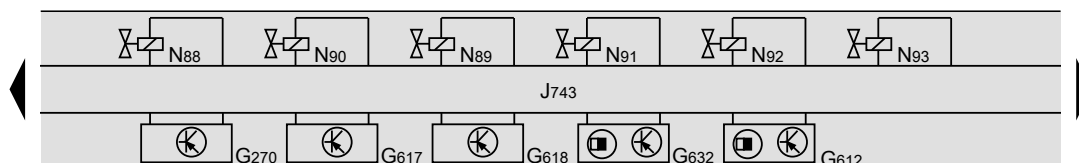


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- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

18V/F-2150306181

Selector lever, Gearbox input speed sender 2, Mechatronic unit for dual clutch gearbox, Solenoid valve 1, Solenoid valve 2, Solenoid valve 3, Solenoid valve 4, Solenoid valve 5, Solenoid valve 6

- E313 Selector lever
- G270 Gearbox hydraulic pressure sender
- G612 Gearbox input speed sender 2
- G617 Clutch travel sender 1
- G618 Clutch travel sender 2
- G632 Gearbox input speed sender 1
- J743 Mechatronic unit for dual clutch gearbox
- N88 Solenoid valve 1
- N89 Solenoid valve 2
- N90 Solenoid valve 3
- N91 Solenoid valve 4
- N92 Solenoid valve 5
- N93 Solenoid valve 6

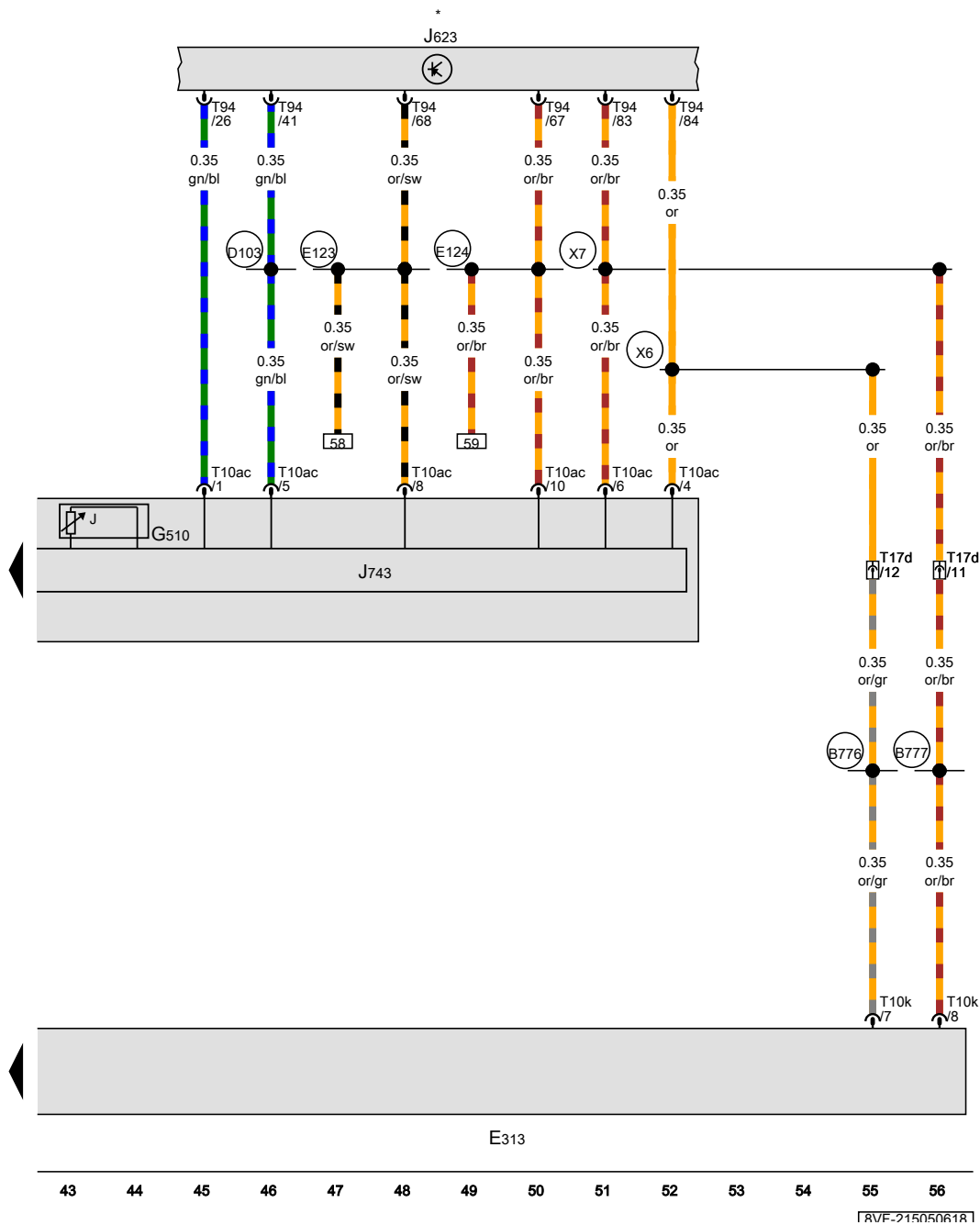


29 30 31 32 33 34 35 36 37 38 39 40 41 42

18VF-2150406181

- ws = white
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- gn = green
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- vi = purple
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- or = orange
- rs = pink

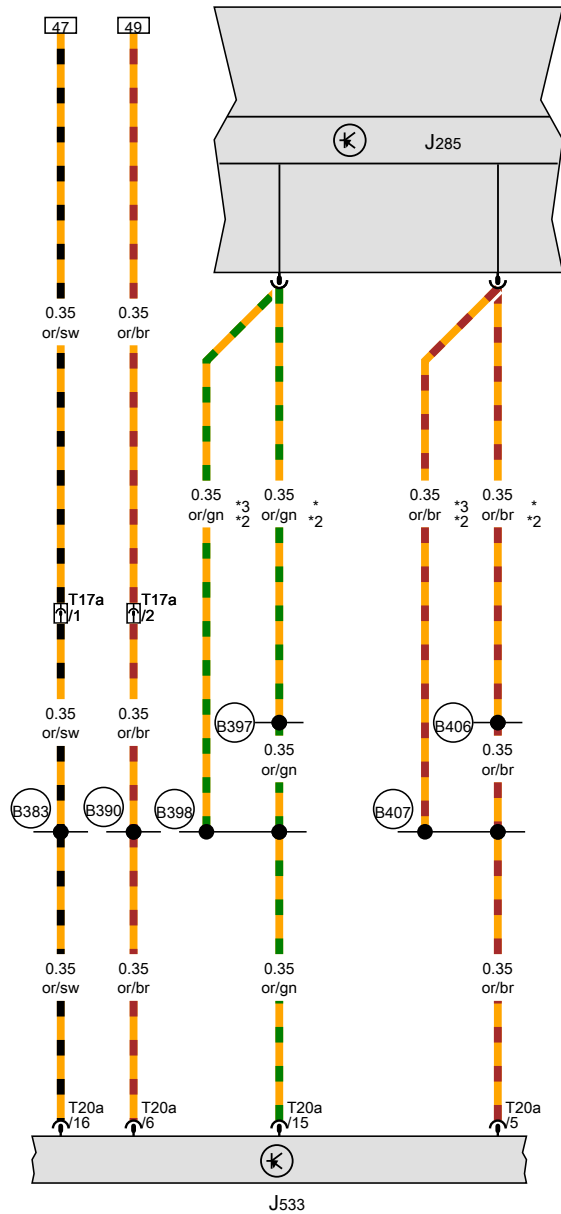
Selector lever, Temperature sender in control unit, Engine/
motor control unit, Mechatronic unit for dual clutch gearbox



- E313 Selector lever
- G510 Temperature sender in control unit
- J623 Engine/motor control unit
- J743 Mechatronic unit for dual clutch gearbox
- T10ac 10-pin connector, black
- T10k 10-pin connector, black
- T17d 17-pin connector, on lower section of left A-pillar, green
- T94 94-pin connector, black
- B776 Connection 1 (hybrid CAN bus, high) in main wiring harness
- B777 Connection 1 (hybrid CAN bus, low) in main wiring harness
- D103 Connection 3 in engine compartment wiring harness
- E123 Connection 1 (powertrain CAN bus, high), in engine wiring harness
- E124 Connection 1 (powertrain CAN bus, low), in engine wiring harness
- X6 Connection 2 (CAN bus hybrid, high), in engine compartment wiring harness
- X7 Connection 2 (CAN bus hybrid, low), in engine compartment wiring harness
- * see applicable current flow diagram for engine

Control unit in dash panel insert, Data bus diagnostic interface

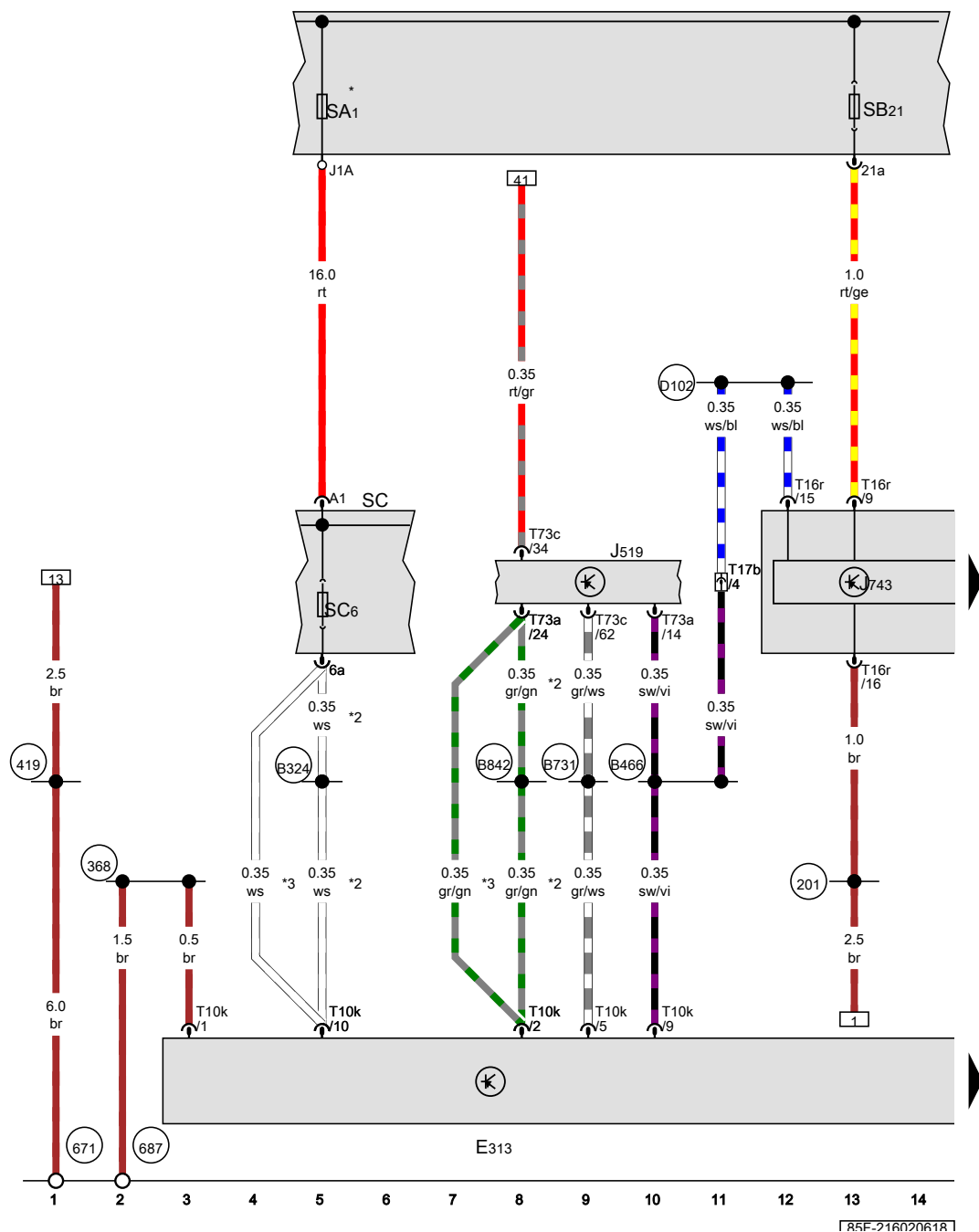
- J285 Control unit in dash panel insert
- J533 Data bus diagnostic interface
- T17a 17-pin connector, on lower section of left A-pillar, black
- T20a 20-pin connector, red
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness
- * For left-hand drive models
- *2 see applicable current flow diagram for dash panel insert
- *3 For right-hand drive models



ws = white
 sw = black
 ro = red
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 br = brown
 gn = green
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 li = purple
 vi = purple
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 or = orange
 rs = pink

7-speed dual clutch gearbox 0DE (S tronic) , (0IE)

From July 2018



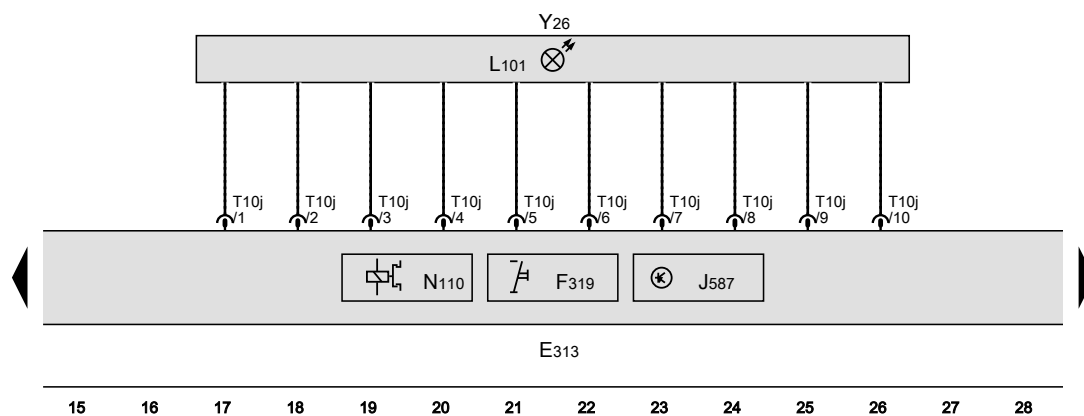
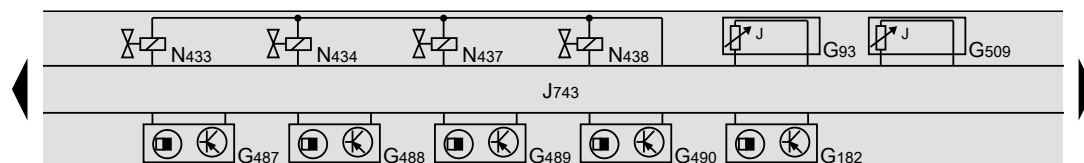
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 vi = purple
 ge = yellow
 or = orange
 rs = pink

Selector lever, Onboard supply control unit, Mechatronic unit for dual clutch gearbox

- E313 Selector lever
- J519 Onboard supply control unit
- J743 Mechatronic unit for dual clutch gearbox
- SA1 Fuse 1 on fuse holder A
- SC Fuse holder C
- SC6 Fuse 6 on fuse holder C
- SB21 Fuse 21 on fuse holder B
- T10k 10-pin connector, black
- T16r 16-pin connector, black
- T17b 17-pin connector, on lower section of left A-pillar, brown
- T73a 73-pin connector, black
- T73c 73-pin connector, black
- 201 Earth connection 5, in engine compartment wiring harness
- 368 Earth connection 3, in main wiring harness
- 419 Earth connection 11, in engine compartment wiring harness
- 671 Earth point 1, on front of left longitudinal member
- 687 Earth point 1, on centre tunnel
- B324 Positive connection 10 (30a) in main wiring harness
- B466 Connection 2, in main wiring harness
- B731 Connection 1 (58s), in main wiring harness
- B842 Connection 8 (LIN bus) in main wiring harness
- D102 Connection 2 in engine compartment wiring harness
- * see applicable current flow diagram for battery in engine compartment
- *2 For models with no heated steering wheel
- *3 For models with heated steering wheel

Selector lever, Selector lever locked in position P switch, Gearbox oil temperature sender, Clutch temperature sender, Selector lever sensors control unit, Mechatronic unit for dual clutch gearbox, Selector lever lock solenoid, Valve 1 in gear train half 1, Valve 2 in gear train half 1, Valve 1 in gear train half 2, Valve 2 in gear train half 2, Selector lever position display

- E313 Selector lever
- F319 Selector lever locked in position P switch
- G93 Gearbox oil temperature sender
- G182 Gearbox input speed sender
- G487 Gear selector movement sensor 1
- G488 Gear selector movement sensor 2
- G489 Gear selector movement sensor 3
- G490 Gear selector movement sensor 4
- G509 Clutch temperature sender
- J587 Selector lever sensors control unit
- J743 Mechatronic unit for dual clutch gearbox
- L101 Selector lever display illumination bulb
- N110 Selector lever lock solenoid
- N433 Valve 1 in gear train half 1
- N434 Valve 2 in gear train half 1
- N437 Valve 1 in gear train half 2
- N438 Valve 2 in gear train half 2
- T10j 10-pin connector
- Y26 Selector lever position display

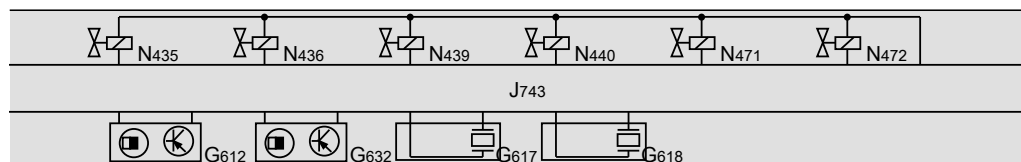
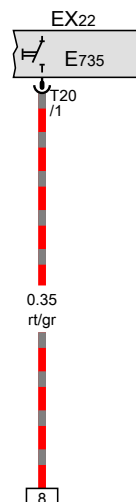


- ws = white
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- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

185F-216030618

Selector lever, Mechatronic unit for dual clutch gearbox, Valve 3 in gear train half 1, Valve 4 in gear train half 1, Valve 3 in gear train half 2, Valve 4 in gear train half 2, Cooling oil valve, Main pressure valve

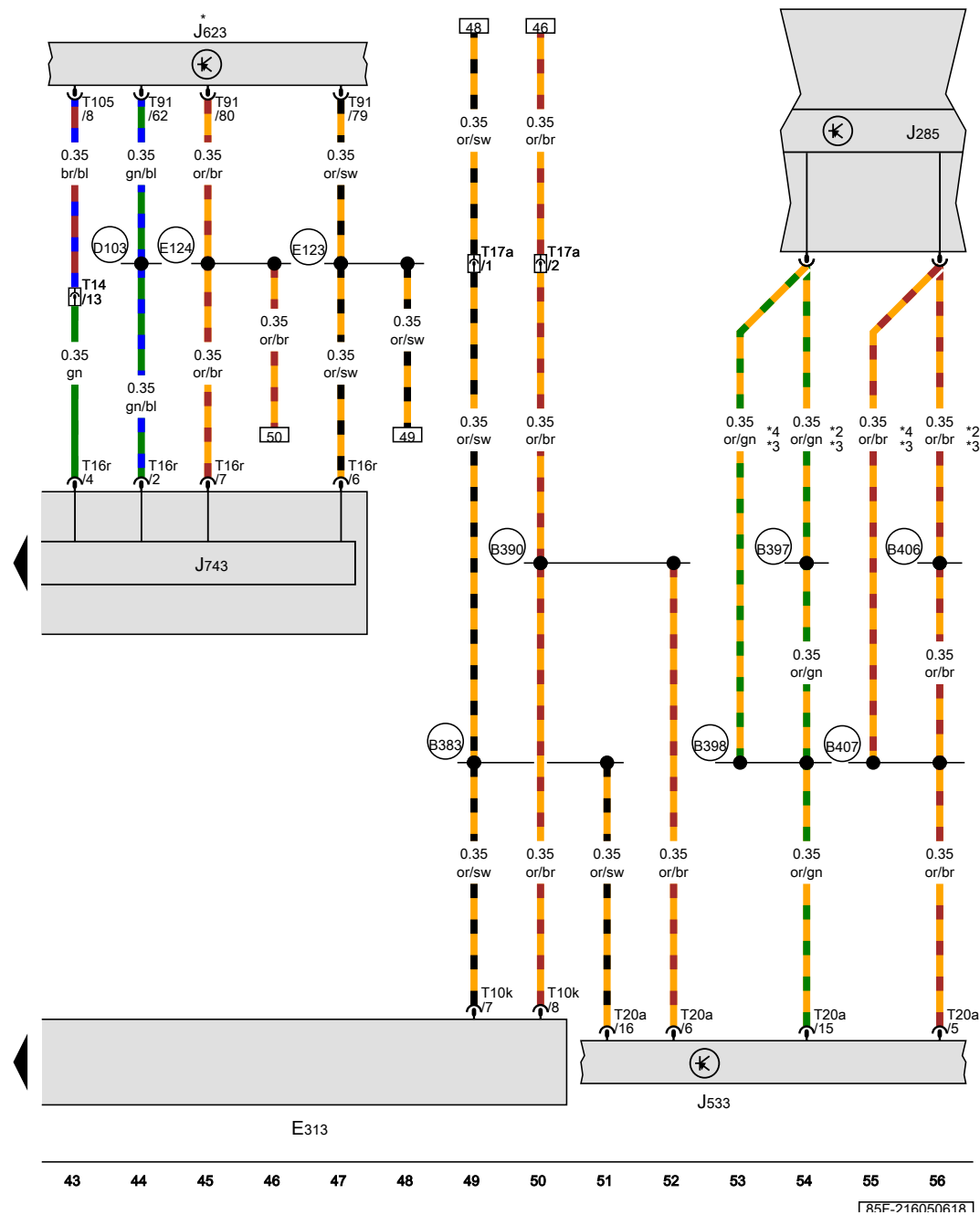
- EX22 Centre switch module in dash panel
- E313 Selector lever
- E735 Driving mode selection button
- G612 Gearbox input speed sender 2
- G617 Clutch travel sender 1
- G618 Clutch travel sender 2
- G632 Gearbox input speed sender 1
- J743 Mechatronic unit for dual clutch gearbox
- N435 Valve 3 in gear train half 1
- N436 Valve 4 in gear train half 1
- N439 Valve 3 in gear train half 2
- N440 Valve 4 in gear train half 2
- N471 Cooling oil valve
- N472 Main pressure valve
- T20 20-pin connector, red



29 30 31 32 33 34 35 36 37 38 39 40 41 42

[85F-216040618]

- ws = white
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- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



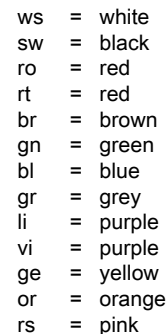
Selector lever, Control unit in dash panel insert, Data bus diagnostic interface, Engine/motor control unit, Mechatronic unit for dual clutch gearbox

- E313 Selector lever
- J285 Control unit in dash panel insert
- J533 Data bus diagnostic interface
- J623 Engine/motor control unit
- J743 Mechatronic unit for dual clutch gearbox
- T10k 10-pin connector, black
- T14 14-pin connector, on left in engine compartment, grey
- T16r 16-pin connector, black
- T17a 17-pin connector, on lower section of left A-pillar, black
- T20a 20-pin connector
- T91 91-pin connector, black
- T105 105-pin connector, black
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness
- D103 Connection 3 in engine compartment wiring harness
- E123 Connection 1 (powertrain CAN bus, high), in engine wiring harness
- E124 Connection 1 (powertrain CAN bus, low), in engine wiring harness
- * see applicable current flow diagram for engine
- *2 For left-hand drive models
- *3 see applicable current flow diagram for dash panel insert
- *4 For right-hand drive models

ws = white
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 vi = purple
 ge = yellow
 or = orange
 rs = pink

Dual clutch gearbox 0DL , DNWA

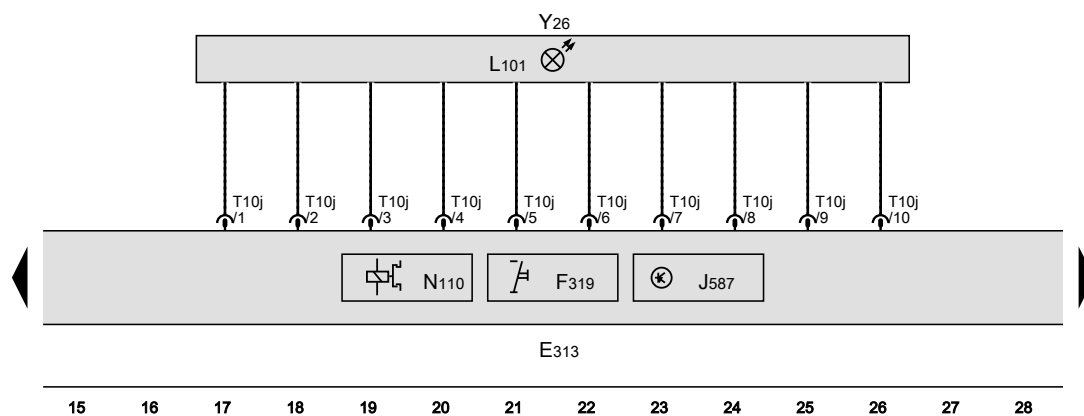
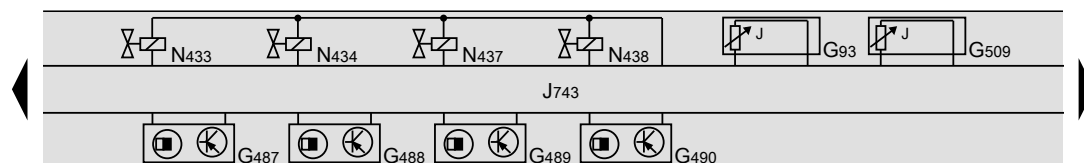
From October 2018



* For models with no heated steering wheel
*2 For models with heated steering wheel

Selector lever, Selector lever locked in position P switch, Gearbox oil temperature sender, Clutch temperature sender, Selector lever sensors control unit, Mechatronic unit for dual clutch gearbox, Selector lever lock solenoid, Valve 1 in gear train half 1, Valve 2 in gear train half 1, Valve 1 in gear train half 2, Valve 2 in gear train half 2, Selector lever position display

- E313 Selector lever
- F319 Selector lever locked in position P switch
- G93 Gearbox oil temperature sender
- G487 Gear selector movement sensor 1
- G488 Gear selector movement sensor 2
- G489 Gear selector movement sensor 3
- G490 Gear selector movement sensor 4
- G509 Clutch temperature sender
- J587 Selector lever sensors control unit
- J743 Mechatronic unit for dual clutch gearbox
- L101 Selector lever display illumination bulb
- N110 Selector lever lock solenoid
- N433 Valve 1 in gear train half 1
- N434 Valve 2 in gear train half 1
- N437 Valve 1 in gear train half 2
- N438 Valve 2 in gear train half 2
- T10j 10-pin connector
- Y26 Selector lever position display

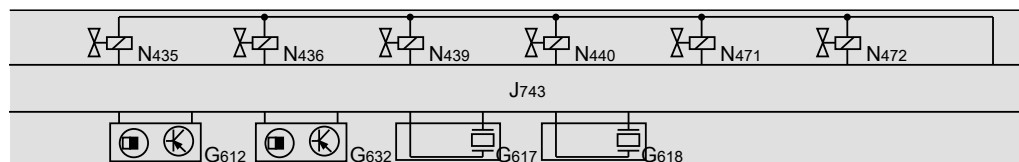
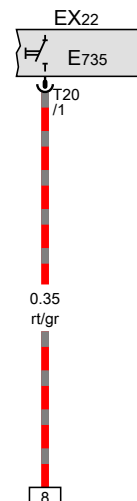


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- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

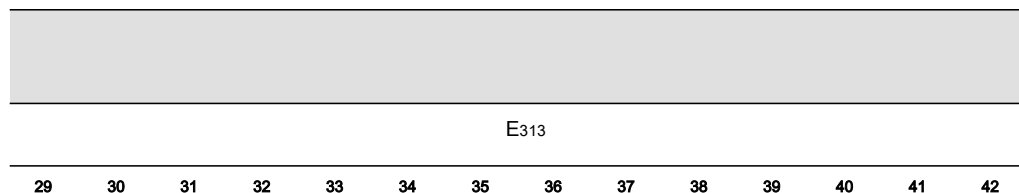
18V/F-2170306181

Selector lever, Mechatronic unit for dual clutch gearbox, Valve 3 in gear train half 1, Valve 4 in gear train half 1, Valve 3 in gear train half 2, Valve 4 in gear train half 2, Cooling oil valve, Main pressure valve

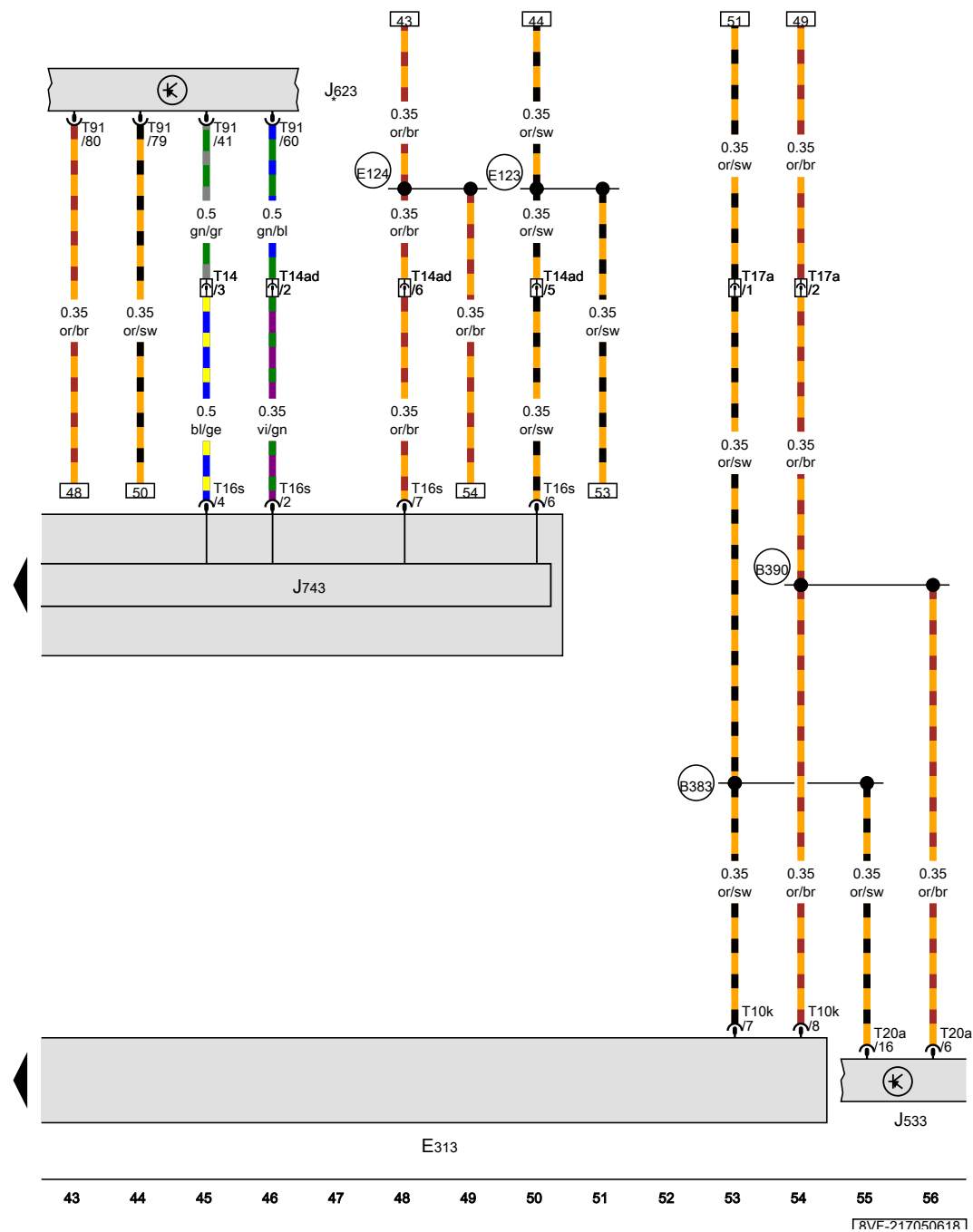
- EX22 Centre switch module in dash panel
- E313 Selector lever
- E735 Driving mode selection button
- G612 Gearbox input speed sender 2
- G617 Clutch travel sender 1
- G618 Clutch travel sender 2
- G632 Gearbox input speed sender 1
- J743 Mechatronic unit for dual clutch gearbox
- N435 Valve 3 in gear train half 1
- N436 Valve 4 in gear train half 1
- N439 Valve 3 in gear train half 2
- N440 Valve 4 in gear train half 2
- N471 Cooling oil valve
- N472 Main pressure valve
- T20 20-pin connector, red



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- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

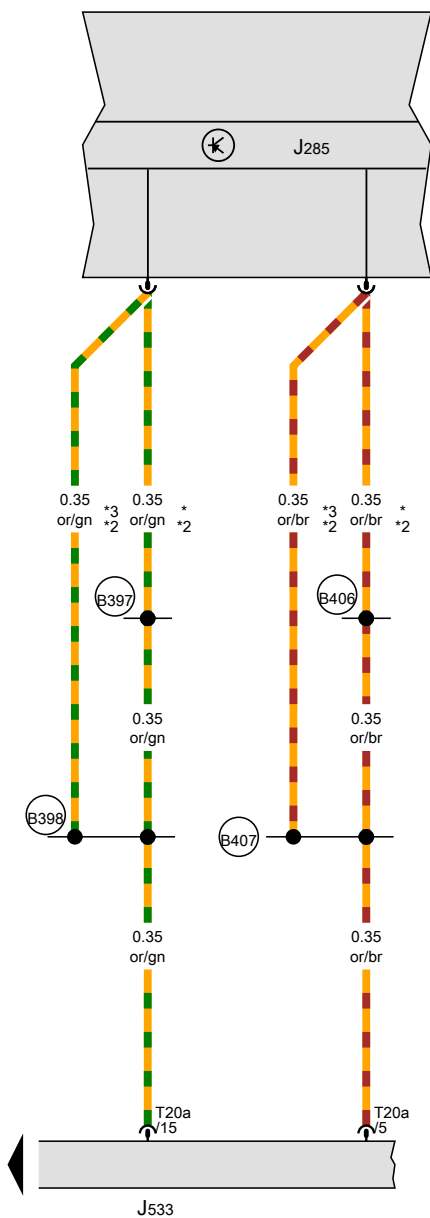


18VAVF-2170406181



Selector lever, Data bus diagnostic interface, Engine/motor control unit, Mechatronic unit for dual clutch gearbox

- E313 Selector lever
- J533 Data bus diagnostic interface
- J623 Engine/motor control unit
- J743 Mechatronic unit for dual clutch gearbox
- T10k 10-pin connector, black
- T14 14-pin connector, on left in engine compartment, grey
- T14ad 14-pin connector, on engine, bottom
- T16s 16-pin connector, black
- T17a 17-pin connector, on lower section of left A-pillar, black
- T20a 20-pin connector, red
- T91 91-pin connector, black
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- E123 Connection 1 (powertrain CAN bus, high), in engine wiring harness
- E124 Connection 1 (powertrain CAN bus, low), in engine wiring harness
- * see applicable current flow diagram for engine



Control unit in dash panel insert, Data bus diagnostic interface

- J285 Control unit in dash panel insert
- J533 Data bus diagnostic interface
- T20a 20-pin connector, red

- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness

- * For left-hand drive models
- *2 see applicable current flow diagram for dash panel insert
- *3 For right-hand drive models

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- rs = pink

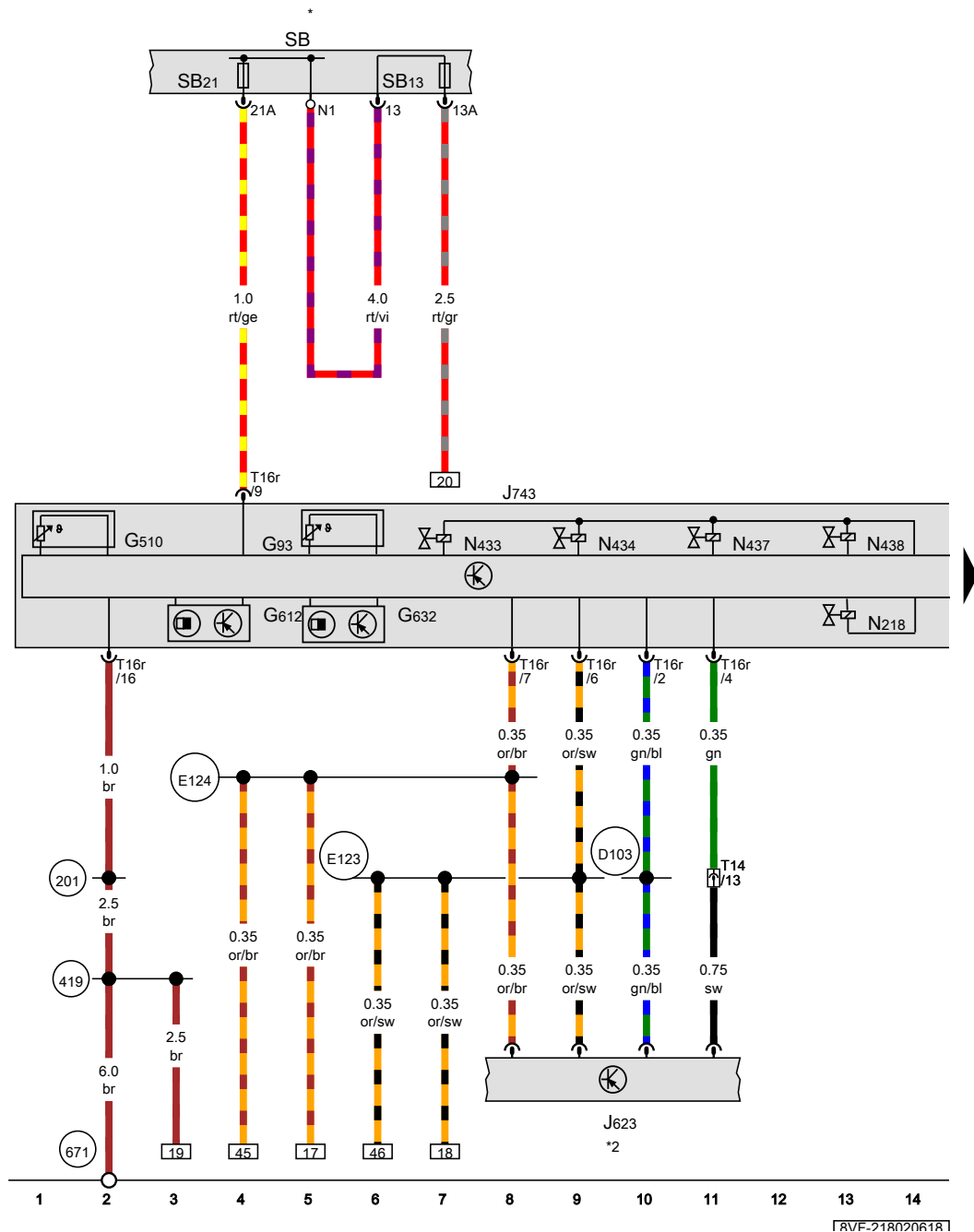
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18VF-2170606181



Dual clutch gearbox (DSG) , (0IJ)

From July 2018

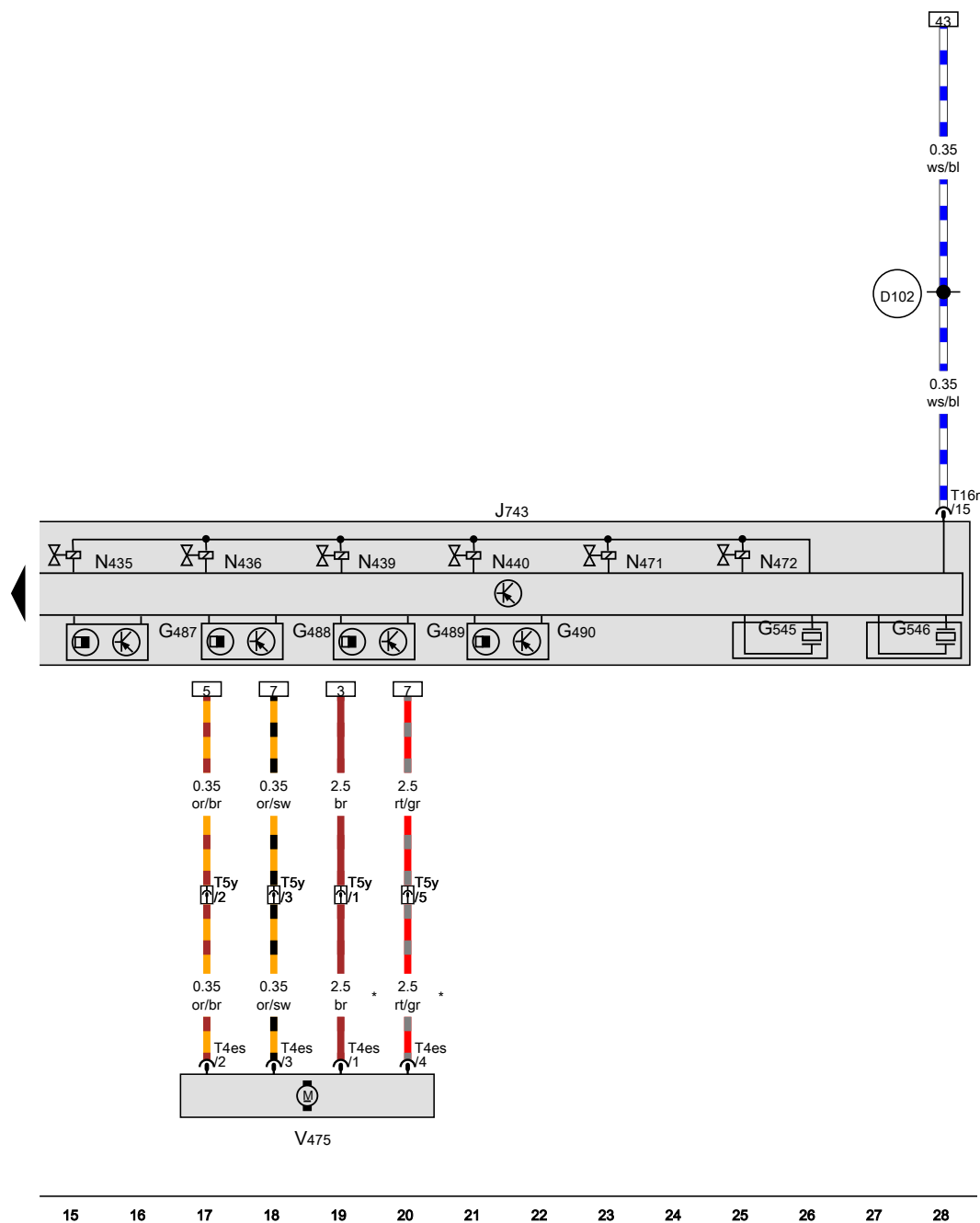


Gearbox oil temperature sender, Temperature sender in control unit, Gearbox input speed sender 2, Gearbox input speed sender 1, Mechatronic unit for dual clutch gearbox, Automatic gearbox pressure regulating valve 4, Valve 1 in gear train half 1, Valve 2 in gear train half 1, Valve 1 in gear train half 2, Valve 2 in gear train half 2

- G93 Gearbox oil temperature sender
- G510 Temperature sender in control unit
- G612 Gearbox input speed sender 2
- G632 Gearbox input speed sender 1
- J623 Engine/motor control unit
- J743 Mechatronic unit for dual clutch gearbox
- N218 Automatic gearbox pressure regulating valve 4
- N433 Valve 1 in gear train half 1
- N434 Valve 2 in gear train half 1
- N437 Valve 1 in gear train half 2
- N438 Valve 2 in gear train half 2
- SB Fuse holder B
- SB13 Fuse 13 on fuse holder B
- SB21 Fuse 21 on fuse holder B
- T14 14-pin connector, on left in engine compartment, grey
- T16r 16-pin connector, black
- 201 Earth connection 5, in engine compartment wiring harness
- 419 Earth connection 11, in engine compartment wiring harness
- 671 Earth point 1, on front of left longitudinal member
- D103 Connection 3 in engine compartment wiring harness
- E123 Connection 1 (powertrain CAN bus, high), in engine wiring harness
- E124 Connection 1 (powertrain CAN bus, low), in engine wiring harness

* see applicable current flow diagram for fuse assignment
*2 see applicable current flow diagram for engine

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink



Gear selector movement sensor 1, Gear selector movement sensor 2, Gear selector movement sensor 3, Gear selector movement sensor 4, Hydraulic pressure sender 1, Hydraulic pressure sender 2, Mechatronic unit for dual clutch gearbox, Valve 3 in gear train half 1, Valve 4 in gear train half 1, Valve 3 in gear train half 2, Valve 4 in gear train half 2, Cooling oil valve, Main pressure valve, Auxiliary hydraulic pump 1 for gearbox oil

- G487 Gear selector movement sensor 1
- G488 Gear selector movement sensor 2
- G489 Gear selector movement sensor 3
- G490 Gear selector movement sensor 4
- G545 Hydraulic pressure sender 1
- G546 Hydraulic pressure sender 2
- J743 Mechatronic unit for dual clutch gearbox
- N435 Valve 3 in gear train half 1
- N436 Valve 4 in gear train half 1
- N439 Valve 3 in gear train half 2
- N440 Valve 4 in gear train half 2
- N471 Cooling oil valve
- N472 Main pressure valve
- T4es 4-pin connector
- T5y 5-pin connector, in engine compartment
- T16r 16-pin connector, black
- V475 Auxiliary hydraulic pump 1 for gearbox oil

D102 Connection 2 in engine compartment wiring harness

* Wiring colour depends on equipment

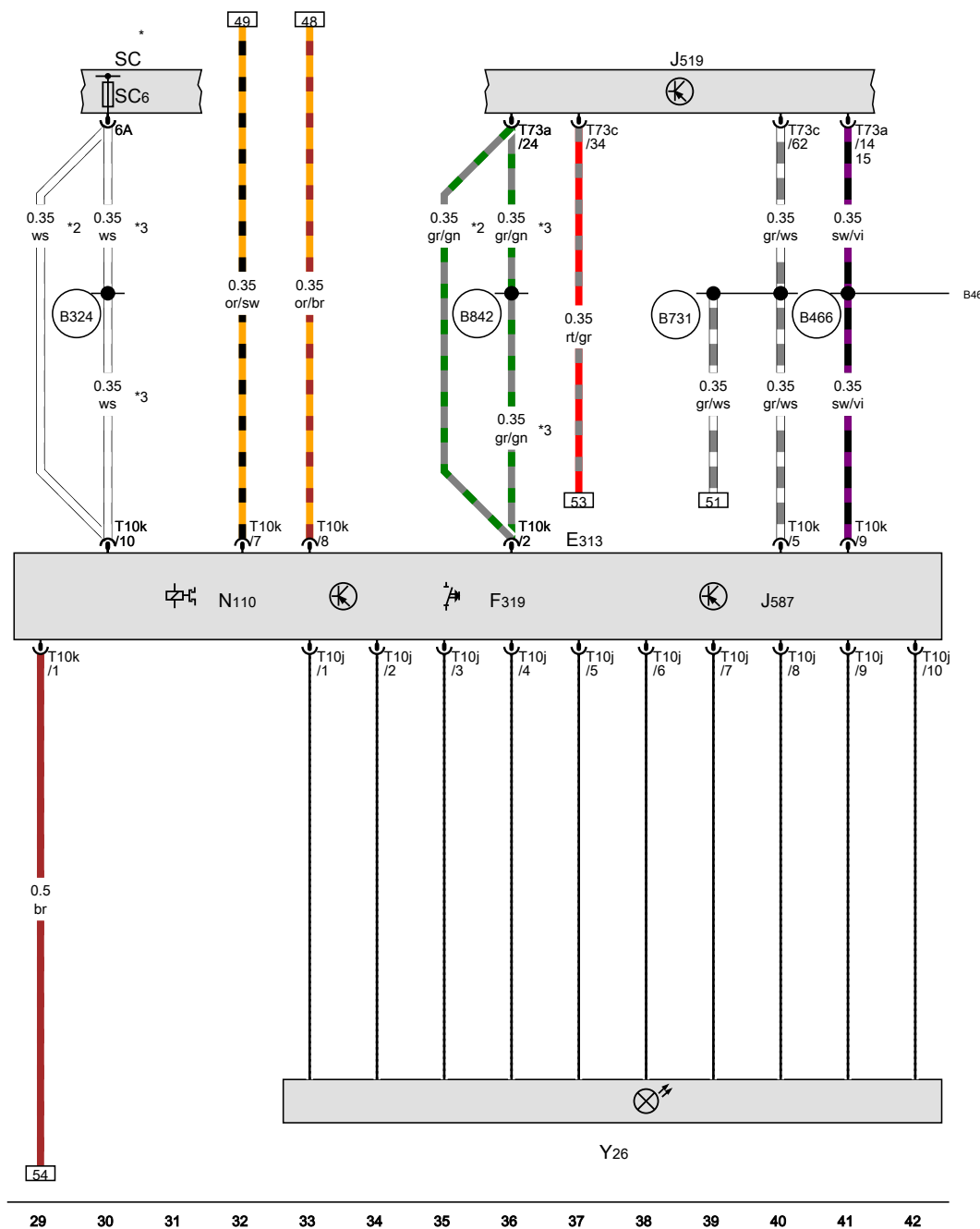
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 ro = red
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 gn = green
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 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

Selector lever, Selector lever locked in position P switch, Selector lever sensors control unit, Selector lever lock solenoid, Selector lever position display

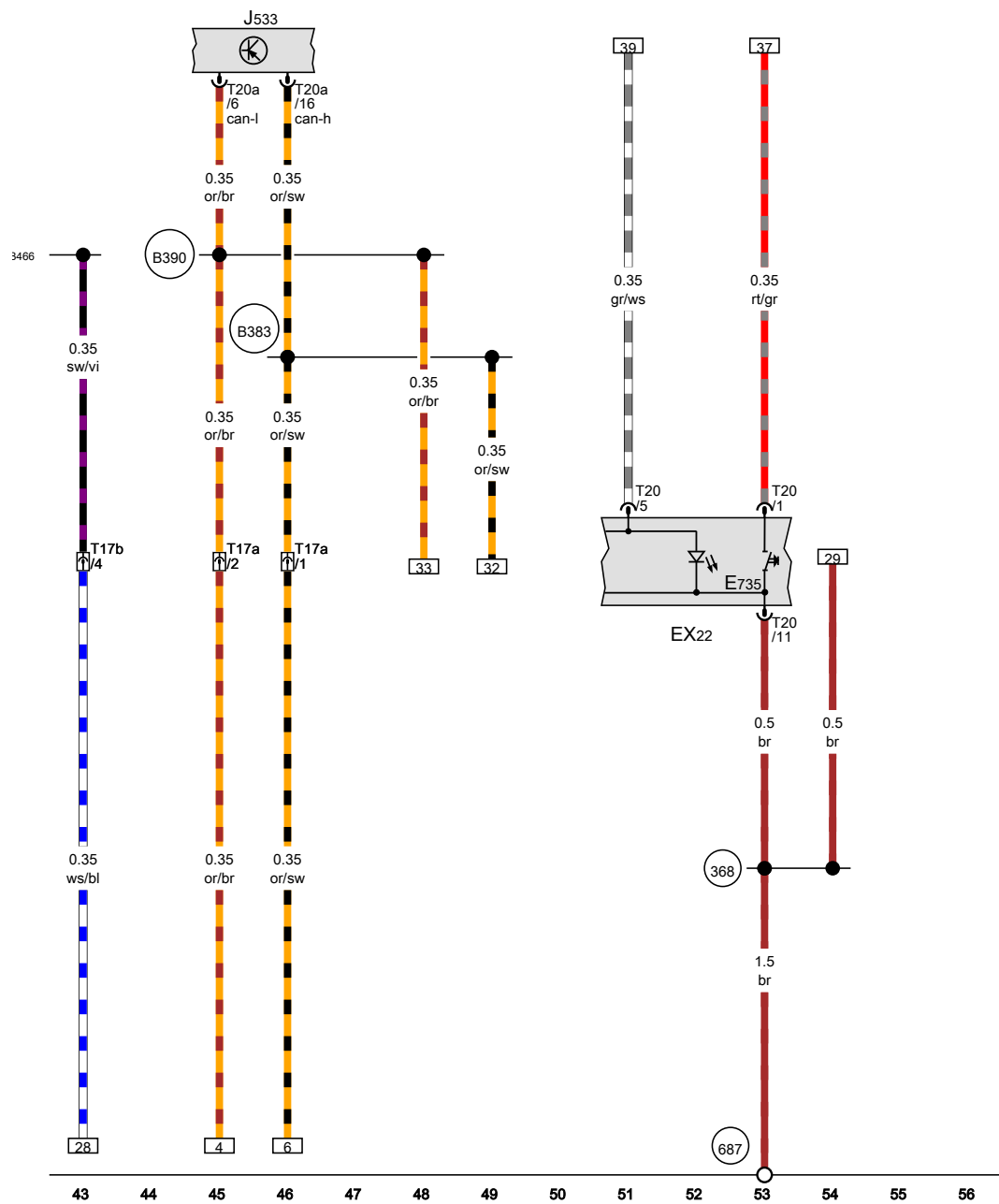
- E313 Selector lever
- F319 Selector lever locked in position P switch
- J519 Onboard supply control unit
- J587 Selector lever sensors control unit
- N110 Selector lever lock solenoid
- SC Fuse holder C
- SC6 Fuse 6 on fuse holder C
- T10j 10-pin connector
- T10k 10-pin connector, black
- T73a 73-pin connector, black
- T73c 73-pin connector, black
- Y26 Selector lever position display

- B324 Positive connection 10 (30a) in main wiring harness
- B466 Connection 2, in main wiring harness
- B731 Connection 1 (58s), in main wiring harness
- B842 Connection 8 (LIN bus) in main wiring harness

- * see applicable current flow diagram for fuse assignment
- *2 For models with heated steering wheel
- *3 For models with no heated steering wheel



- ws = white
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- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



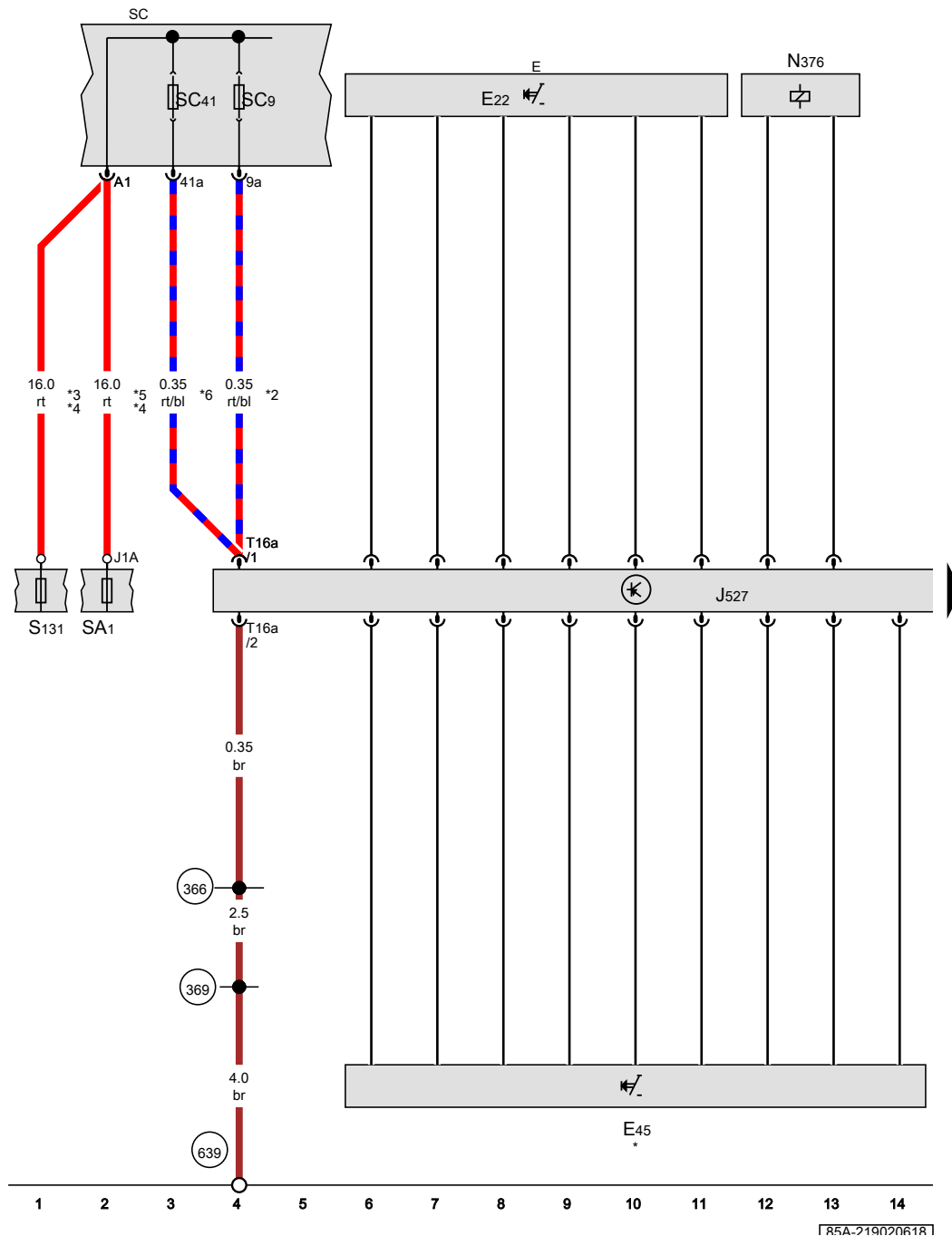
Centre switch module in dash panel, Driving mode selection button, Data bus diagnostic interface

- EX22 Centre switch module in dash panel
- E735 Driving mode selection button
- J533 Data bus diagnostic interface
- T17a 17-pin connector, on lower section of left A-pillar, black
- T17b 17-pin connector, on lower section of left A-pillar, brown
- T20 20-pin connector, red
- T20a 20-pin connector, red
- 368 Earth connection 3, in main wiring harness
- 687 Earth point 1, on centre tunnel
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- B466 Connection 2, in main wiring harness

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 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

Steering column electronics , (L0L)

From March 2012

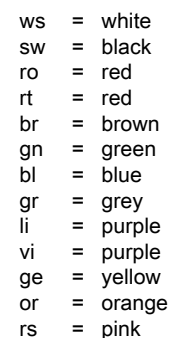


Windscreen wiper switch, Intermittent wiper switch, Cruise control system switch, Steering column electronics control unit, Fuse holder C

- E Windscreen wiper switch
- E22 Intermittent wiper switch
- E45 Cruise control system switch
- J527 Steering column electronics control unit
- N376 Ignition key withdrawal lock solenoid
- SA1 Fuse 1 on fuse holder A
- SC Fuse holder C
- SC9 Fuse 9 on fuse holder C
- SC41 Fuse 41 on fuse holder C
- S131 Fuse 1
- T16a 16-pin connector, black
- 366 Earth connection 1, in main wiring harness
- 369 Earth connection 4, in main wiring harness
- 639 Earth point, left A-pillar
- * For models with cruise control system (CCS)
- *2 From May 2013
- *3 For RS 3 models
- *4 see applicable current flow diagram for battery
- *5 Not for RS 3 models
- *6 Up to April 2013

ws = white
sw = black
ro = red
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br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
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rs = pink

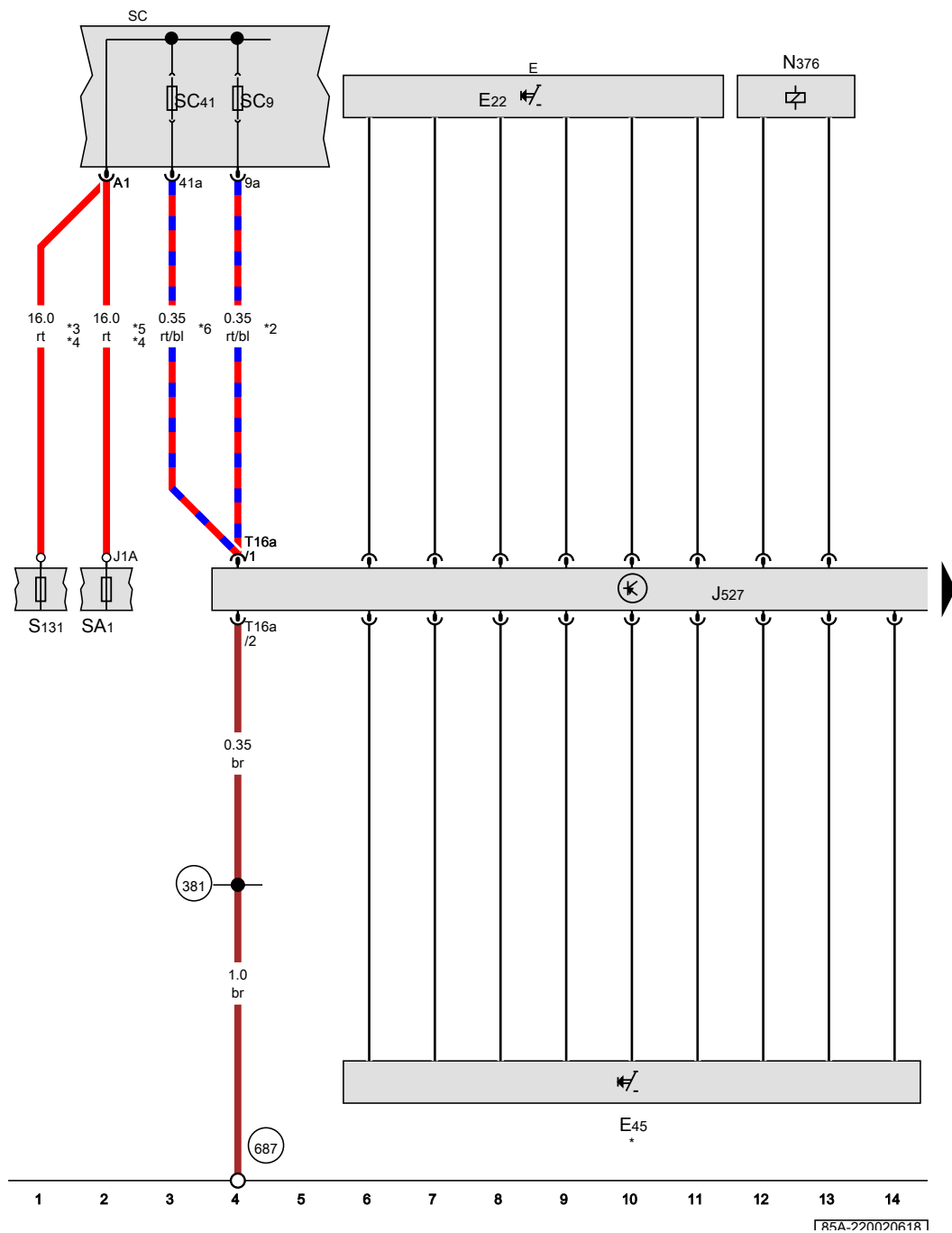
181R02019A-85R



D	Ignition/starter switch
E2	Turn signal switch
E313	Selector lever
F350	Coil connector
H	Horn plate
J519	Onboard supply control unit
J527	Steering column electronics control unit
J533	Data bus diagnostic interface
J623	Engine/motor control unit
T10k	10-pin connector, black
T16a	16-pin connector, black
T17c	17-pin connector, red
T20a	20-pin connector, red
T73a	73-pin connector, black
B397	Connection 1 (convenience CAN bus, high), in main wiring harness
B406	Connection 1 (convenience CAN bus, low), in main wiring harness
*	see applicable current flow diagram for engine
*2	For models with cruise control system (CCS)
*3	For models with no entry and start authorisation
*4	For models with dual clutch gearbox

Steering column electronics , (L0R)

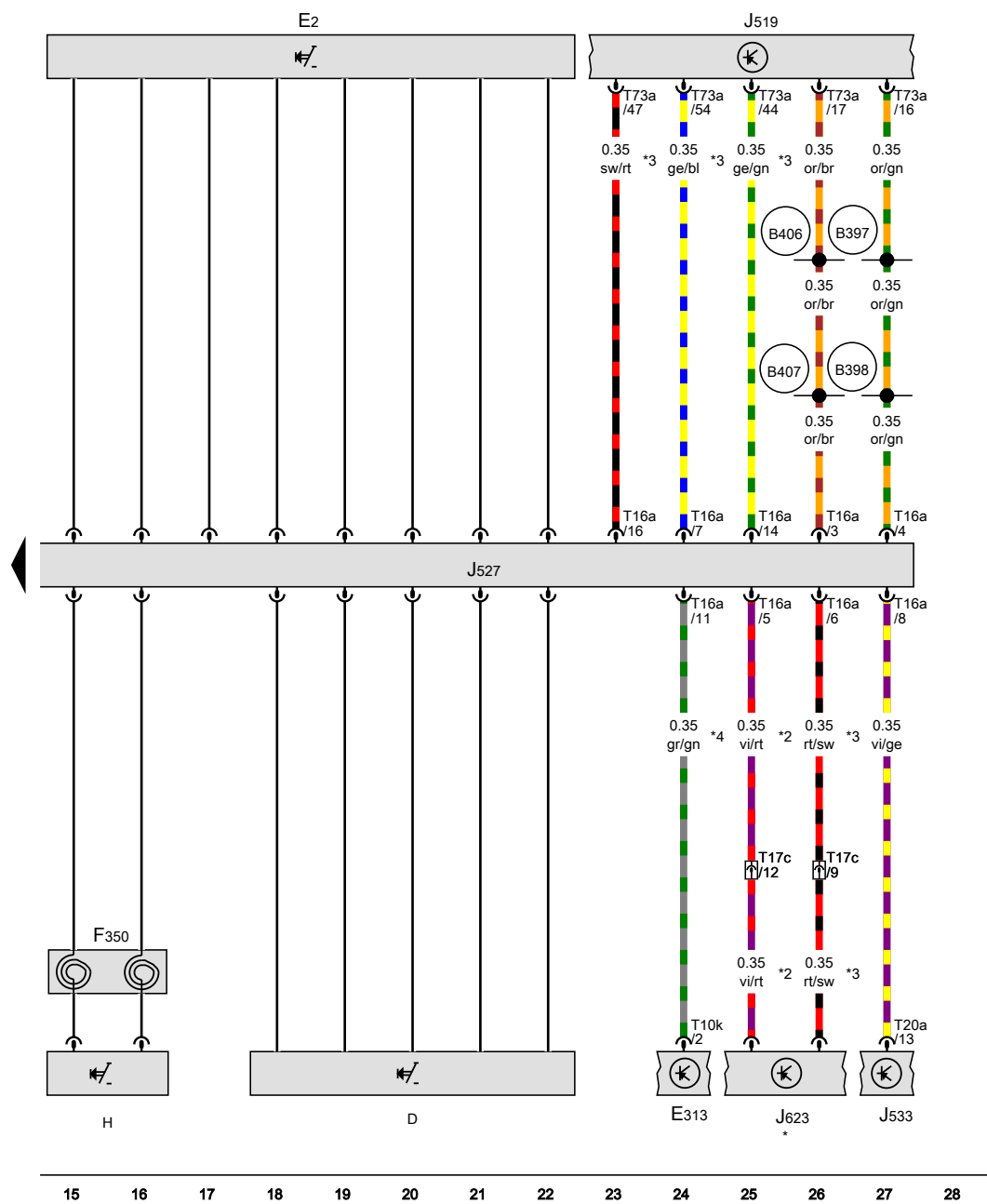
From March 2012



Windscreen wiper switch, Intermittent wiper switch, Cruise control system switch, Steering column electronics control unit, Fuse holder C

- E Windscreen wiper switch
- E22 Intermittent wiper switch
- E45 Cruise control system switch
- J527 Steering column electronics control unit
- N376 Ignition key withdrawal lock solenoid
- SA1 Fuse 1 on fuse holder A
- SC Fuse holder C
- SC9 Fuse 9 on fuse holder C
- SC41 Fuse 41 on fuse holder C
- S131 Fuse 1
- T16a 16-pin connector, black
- 381 Earth connection 16, in main wiring harness
- 687 Earth point 1, on centre tunnel
- * For models with cruise control system (CCS)
- *2 From May 2013
- *3 For RS 3 models
- *4 see applicable current flow diagram for battery
- *5 Not for RS 3 models
- *6 Up to April 2013

ws = white
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 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



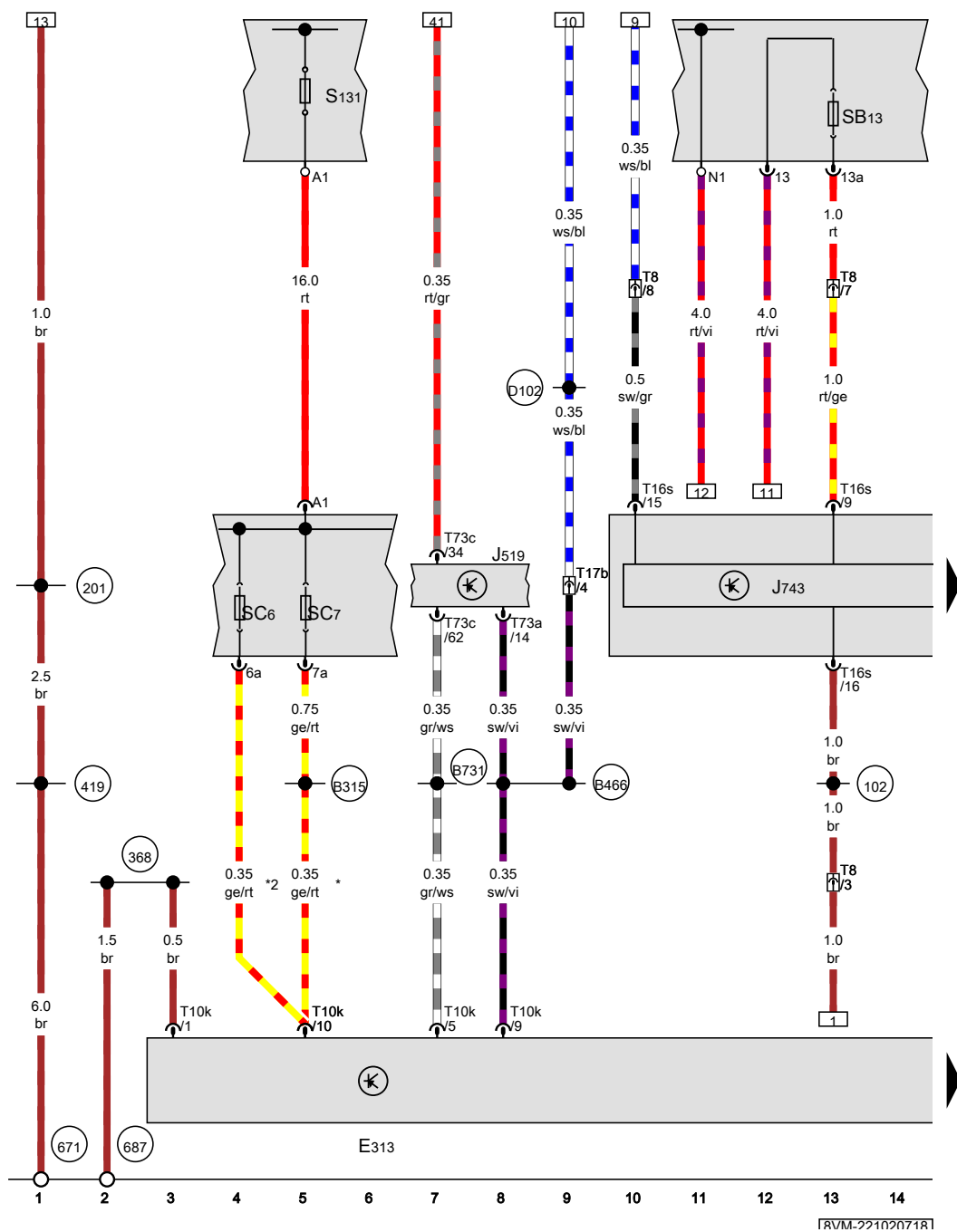
Ignition/starter switch, Turn signal switch, Horn plate, Onboard supply control unit, Steering column electronics control unit, Data bus diagnostic interface

- D Ignition/starter switch
- E2 Turn signal switch
- E313 Selector lever
- F350 Coil connector
- H Horn plate
- J519 Onboard supply control unit
- J527 Steering column electronics control unit
- J533 Data bus diagnostic interface
- J623 Engine/motor control unit
- T10k 10-pin connector, black
- T16a 16-pin connector, black
- T17c 17-pin connector, red
- T20a 20-pin connector, red
- T73a 73-pin connector, black
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness
- * see applicable current flow diagram for engine
- *2 For models with cruise control system (CCS)
- *3 For models with no entry and start authorisation
- *4 For models with dual clutch gearbox

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

Dual clutch gearbox 0DL , (0EX)

From November 2016



ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

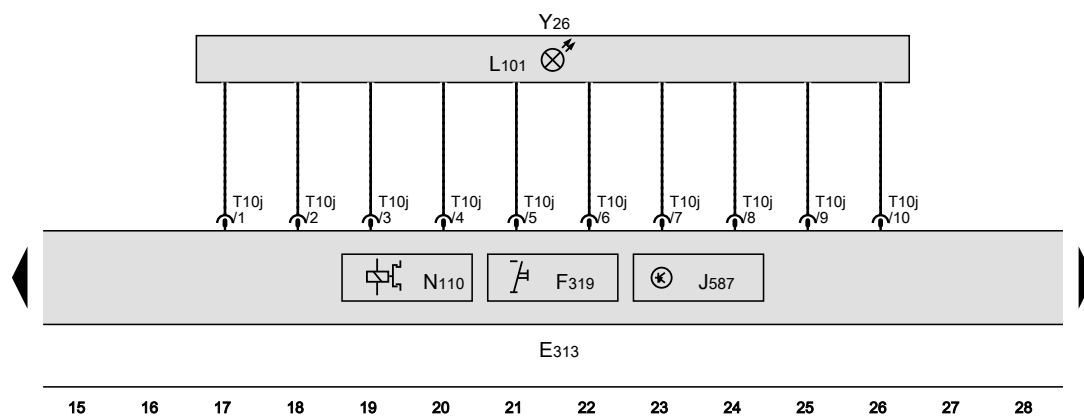
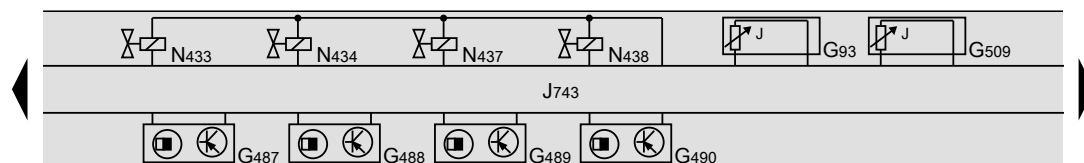
Selector lever, Onboard supply control unit, Mechatronic unit for dual clutch gearbox

- E313 Selector lever
- J519 Onboard supply control unit
- J743 Mechatronic unit for dual clutch gearbox
- SC6 Fuse 6 on fuse holder C
- SC7 Fuse 7 on fuse holder C
- SB13 Fuse 13 on fuse holder B
- S131 Fuse 1
- T8 8-pin connector, on engine, bottom, black
- T10k 10-pin connector, black
- T16s 16-pin connector, black
- T17b 17-pin connector, on lower section of left A-pillar, brown
- T73a 73-pin connector, black
- T73c 73-pin connector, black
- 102 Earth connection, in gearbox wiring harness
- 201 Earth connection 5, in engine compartment wiring harness
- 368 Earth connection 3, in main wiring harness
- 419 Earth connection 11, in engine compartment wiring harness
- 671 Earth point 1, on front of left longitudinal member
- 687 Earth point 1, on centre tunnel
- B315 Positive connection 1 (30a) in main wiring harness
- B466 Connection 2, in main wiring harness
- B731 Connection 1 (58s), in main wiring harness
- D102 Connection 2 in engine compartment wiring harness

* Up to April 2015
 *2 From May 2015

Selector lever, Selector lever locked in position P switch, Gearbox oil temperature sender, Clutch temperature sender, Selector lever sensors control unit, Mechatronic unit for dual clutch gearbox, Selector lever lock solenoid, Valve 1 in gear train half 1, Valve 2 in gear train half 1, Valve 1 in gear train half 2, Valve 2 in gear train half 2, Selector lever position display

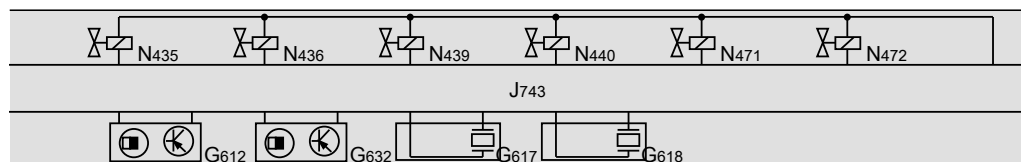
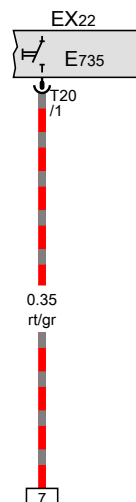
- E313 Selector lever
- F319 Selector lever locked in position P switch
- G93 Gearbox oil temperature sender
- G487 Gear selector movement sensor 1
- G488 Gear selector movement sensor 2
- G489 Gear selector movement sensor 3
- G490 Gear selector movement sensor 4
- G509 Clutch temperature sender
- J587 Selector lever sensors control unit
- J743 Mechatronic unit for dual clutch gearbox
- L101 Selector lever display illumination bulb
- N110 Selector lever lock solenoid
- N433 Valve 1 in gear train half 1
- N434 Valve 2 in gear train half 1
- N437 Valve 1 in gear train half 2
- N438 Valve 2 in gear train half 2
- T10j 10-pin connector
- Y26 Selector lever position display



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- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Selector lever, Mechatronic unit for dual clutch gearbox, Valve 3 in gear train half 1, Valve 4 in gear train half 1, Valve 3 in gear train half 2, Valve 4 in gear train half 2, Cooling oil valve, Main pressure valve

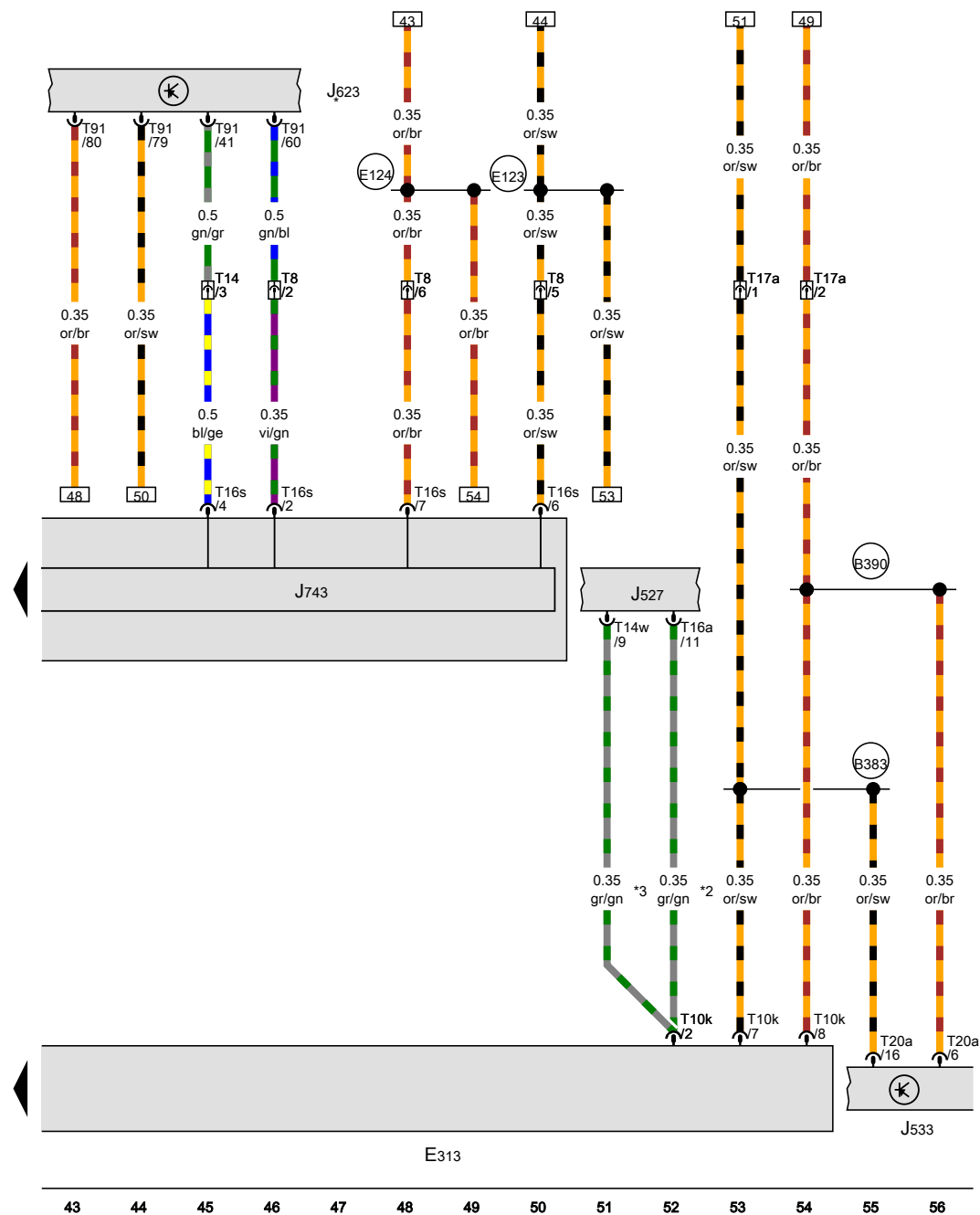
- EX22 Centre switch module in dash panel
- E313 Selector lever
- E735 Driving mode selection button
- G612 Gearbox input speed sender 2
- G617 Clutch travel sender 1
- G618 Clutch travel sender 2
- G632 Gearbox input speed sender 1
- J743 Mechatronic unit for dual clutch gearbox
- N435 Valve 3 in gear train half 1
- N436 Valve 4 in gear train half 1
- N439 Valve 3 in gear train half 2
- N440 Valve 4 in gear train half 2
- N471 Cooling oil valve
- N472 Main pressure valve
- T20 20-pin connector, red



29 30 31 32 33 34 35 36 37 38 39 40 41 42

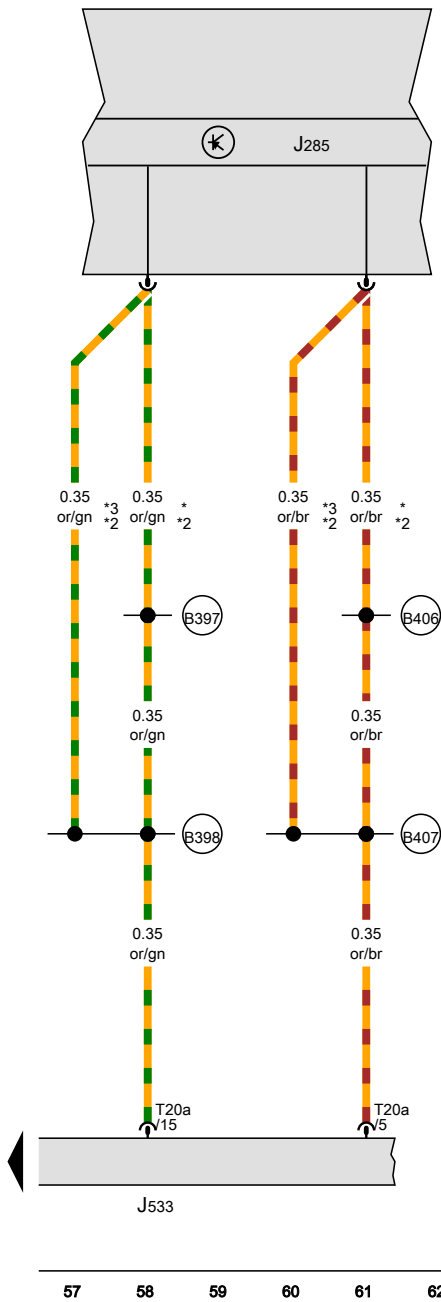
RVW-221040718

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



Selector lever, Data bus diagnostic interface, Engine/motor control unit, Mechatronic unit for dual clutch gearbox

- E313 Selector lever
- J527 Steering column electronics control unit
- J533 Data bus diagnostic interface
- J623 Engine/motor control unit
- J743 Mechatronic unit for dual clutch gearbox
- T8 8-pin connector, on engine, bottom, black
- T10k 10-pin connector, black
- T14 14-pin connector, on left in engine compartment, grey
- T14w 14-pin connector, black
- T16a 16-pin connector, black
- T16s 16-pin connector, black
- T17a 17-pin connector, on lower section of left A-pillar, black
- T20a 20-pin connector, red
- T91 91-pin connector, black
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- E123 Connection 1 (powertrain CAN bus, high), in engine wiring harness
- E124 Connection 1 (powertrain CAN bus, low), in engine wiring harness
- * see applicable current flow diagram for engine
- *2 For models with no heated steering wheel
- *3 For models with heated steering wheel



Control unit in dash panel insert, Data bus diagnostic interface

J285 Control unit in dash panel insert

J533 Data bus diagnostic interface

T20a 20-pin connector, red

B397 Connection 1 (convenience CAN bus, high), in main wiring harness

B398 Connection 2 (convenience CAN bus, high), in main wiring harness

B406 Connection 1 (convenience CAN bus, low), in main wiring harness

B407 Connection 2 (convenience CAN bus, low), in main wiring harness

* For left-hand drive models

*2 see applicable current flow diagram for dash panel insert

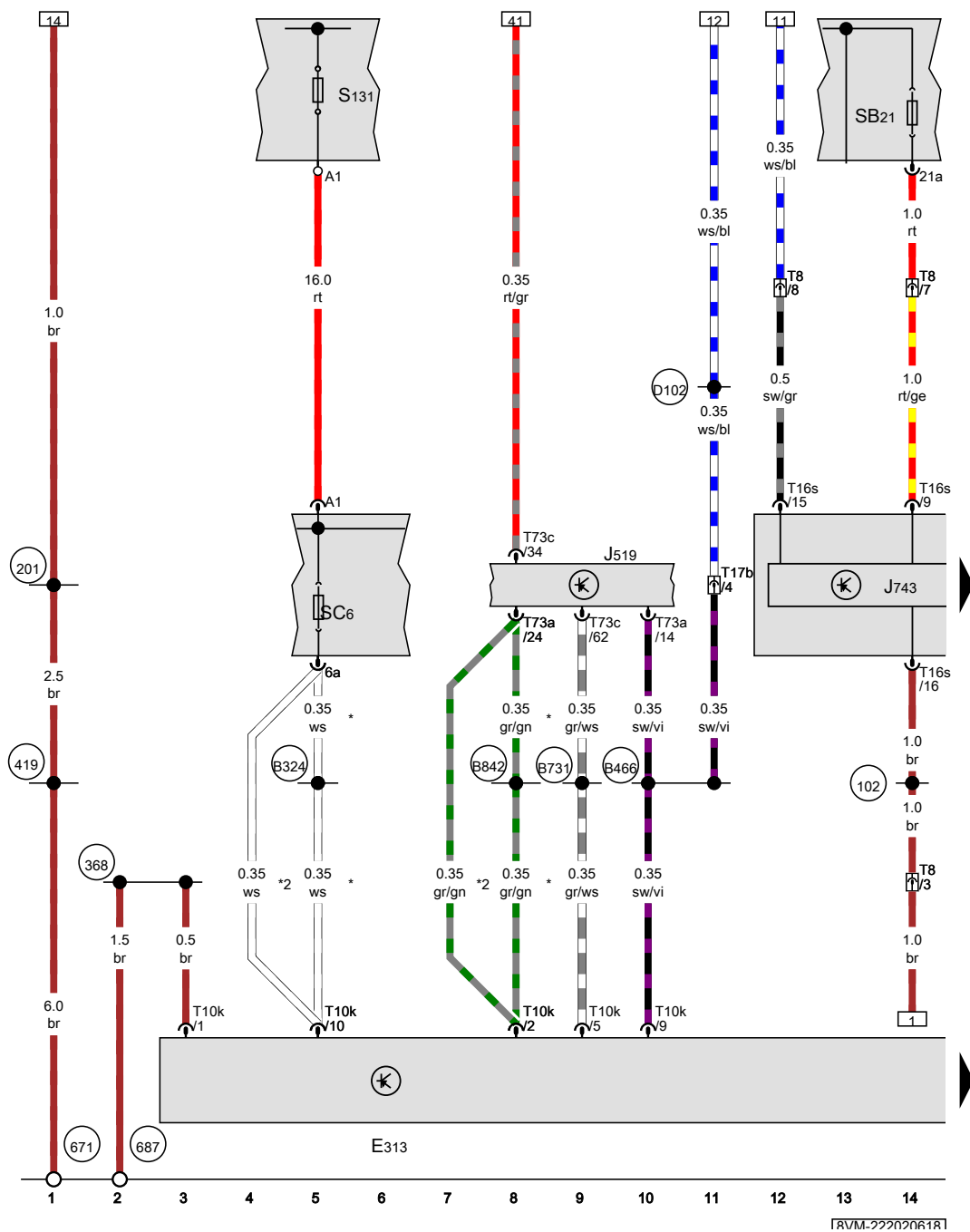
*3 For right-hand drive models

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

18VW-2210607181

Dual clutch gearbox 0DL , (0EX)

From July 2018



Selector lever, Onboard supply control unit, Mechatronic unit for dual clutch gearbox

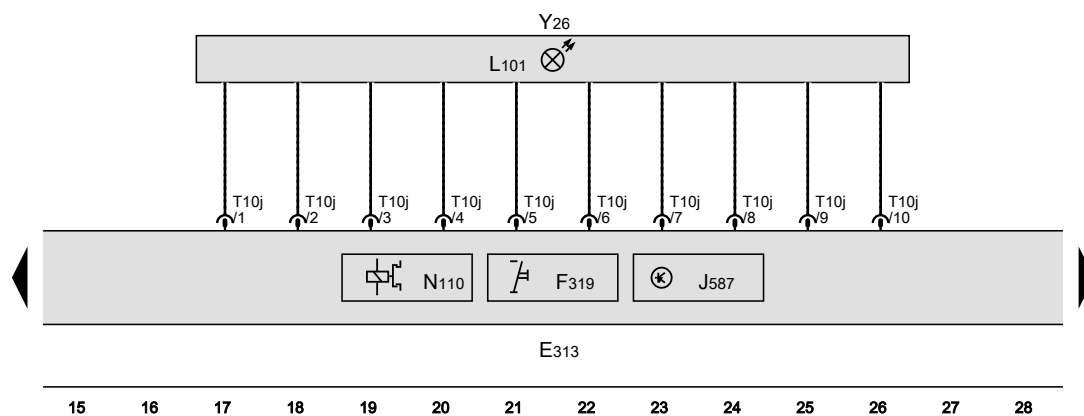
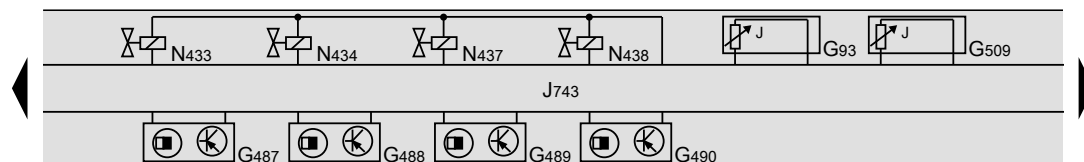
- E313 Selector lever
- J519 Onboard supply control unit
- J743 Mechatronic unit for dual clutch gearbox
- SC6 Fuse 6 on fuse holder C
- SB21 Fuse 21 on fuse holder B
- S131 Fuse 1
- T8 8-pin connector, on engine, bottom, black
- T10k 10-pin connector, black
- T16s 16-pin connector, black
- T17b 17-pin connector, on lower section of left A-pillar, brown
- T73a 73-pin connector, black
- T73c 73-pin connector, black
- 102 Earth connection, in gearbox wiring harness
- 201 Earth connection 5, in engine compartment wiring harness
- 368 Earth connection 3, in main wiring harness
- 419 Earth connection 11, in engine compartment wiring harness
- 671 Earth point 1, on front of left longitudinal member
- 687 Earth point 1, on centre tunnel
- B324 Positive connection 10 (30a) in main wiring harness
- B466 Connection 2, in main wiring harness
- B731 Connection 1 (58s), in main wiring harness
- B842 Connection 8 (LIN bus) in main wiring harness
- D102 Connection 2 in engine compartment wiring harness

* For models with no heated steering wheel
 *2 For models with heated steering wheel

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 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

Selector lever, Selector lever locked in position P switch, Gearbox oil temperature sender, Clutch temperature sender, Selector lever sensors control unit, Mechatronic unit for dual clutch gearbox, Selector lever lock solenoid, Valve 1 in gear train half 1, Valve 2 in gear train half 1, Valve 1 in gear train half 2, Valve 2 in gear train half 2, Selector lever position display

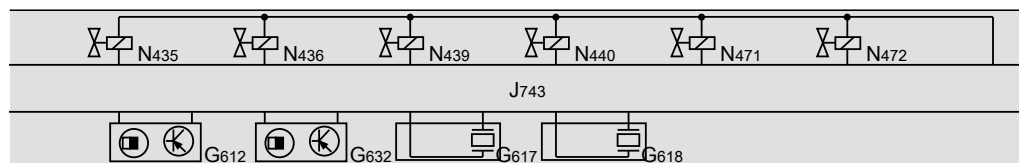
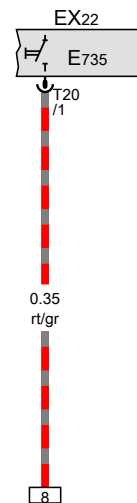
- E313 Selector lever
- F319 Selector lever locked in position P switch
- G93 Gearbox oil temperature sender
- G487 Gear selector movement sensor 1
- G488 Gear selector movement sensor 2
- G489 Gear selector movement sensor 3
- G490 Gear selector movement sensor 4
- G509 Clutch temperature sender
- J587 Selector lever sensors control unit
- J743 Mechatronic unit for dual clutch gearbox
- L101 Selector lever display illumination bulb
- N110 Selector lever lock solenoid
- N433 Valve 1 in gear train half 1
- N434 Valve 2 in gear train half 1
- N437 Valve 1 in gear train half 2
- N438 Valve 2 in gear train half 2
- T10j 10-pin connector
- Y26 Selector lever position display



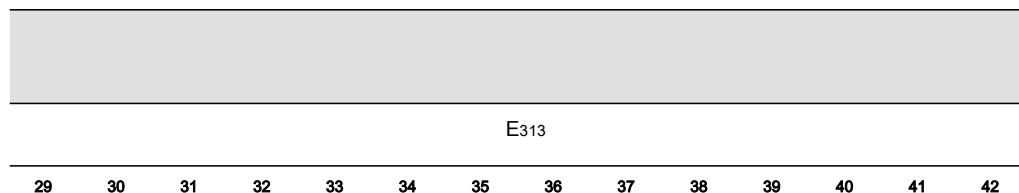
- ws = white
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- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Selector lever, Mechatronic unit for dual clutch gearbox, Valve 3 in gear train half 1, Valve 4 in gear train half 1, Valve 3 in gear train half 2, Valve 4 in gear train half 2, Cooling oil valve, Main pressure valve

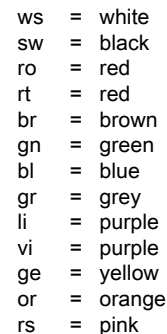
- EX22 Centre switch module in dash panel
- E313 Selector lever
- E735 Driving mode selection button
- G612 Gearbox input speed sender 2
- G617 Clutch travel sender 1
- G618 Clutch travel sender 2
- G632 Gearbox input speed sender 1
- J743 Mechatronic unit for dual clutch gearbox
- N435 Valve 3 in gear train half 1
- N436 Valve 4 in gear train half 1
- N439 Valve 3 in gear train half 2
- N440 Valve 4 in gear train half 2
- N471 Cooling oil valve
- N472 Main pressure valve
- T20 20-pin connector, red



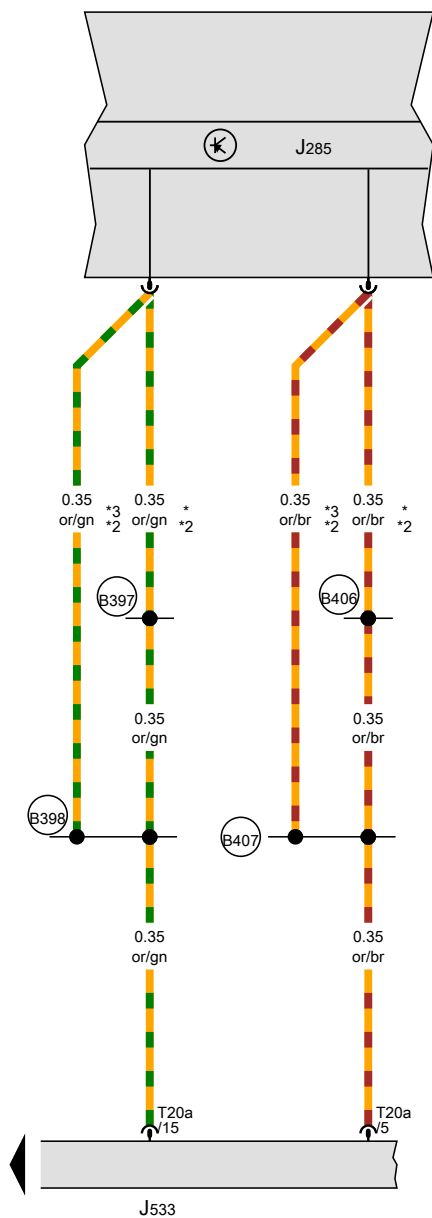
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18VW-2220406181



E313	Selector lever
J533	Data bus diagnostic interface
J623	Engine/motor control unit
J743	Mechatronic unit for dual clutch gearbox
T8	8-pin connector, on engine, bottom, black
T10k	10-pin connector, black
T14	14-pin connector, on left in engine compartment, grey
T16s	16-pin connector, black
T17a	17-pin connector, on lower section of left A-pillar, black
T20a	20-pin connector, red
T91	91-pin connector, black
B383	Connection 1 (powertrain CAN bus, high), in main wiring harness
B390	Connection 1 (powertrain CAN bus, low), in main wiring harness
E123	Connection 1 (powertrain CAN bus, high), in engine wiring harness
E124	Connection 1 (powertrain CAN bus, low), in engine wiring harness
*	see applicable current flow diagram for engine



Control unit in dash panel insert, Data bus diagnostic interface

J285 Control unit in dash panel insert
J533 Data bus diagnostic interface
T20a 20-pin connector, red

B397 Connection 1 (convenience CAN bus, high), in main wiring harness

B398 Connection 2 (convenience CAN bus, high), in main wiring harness

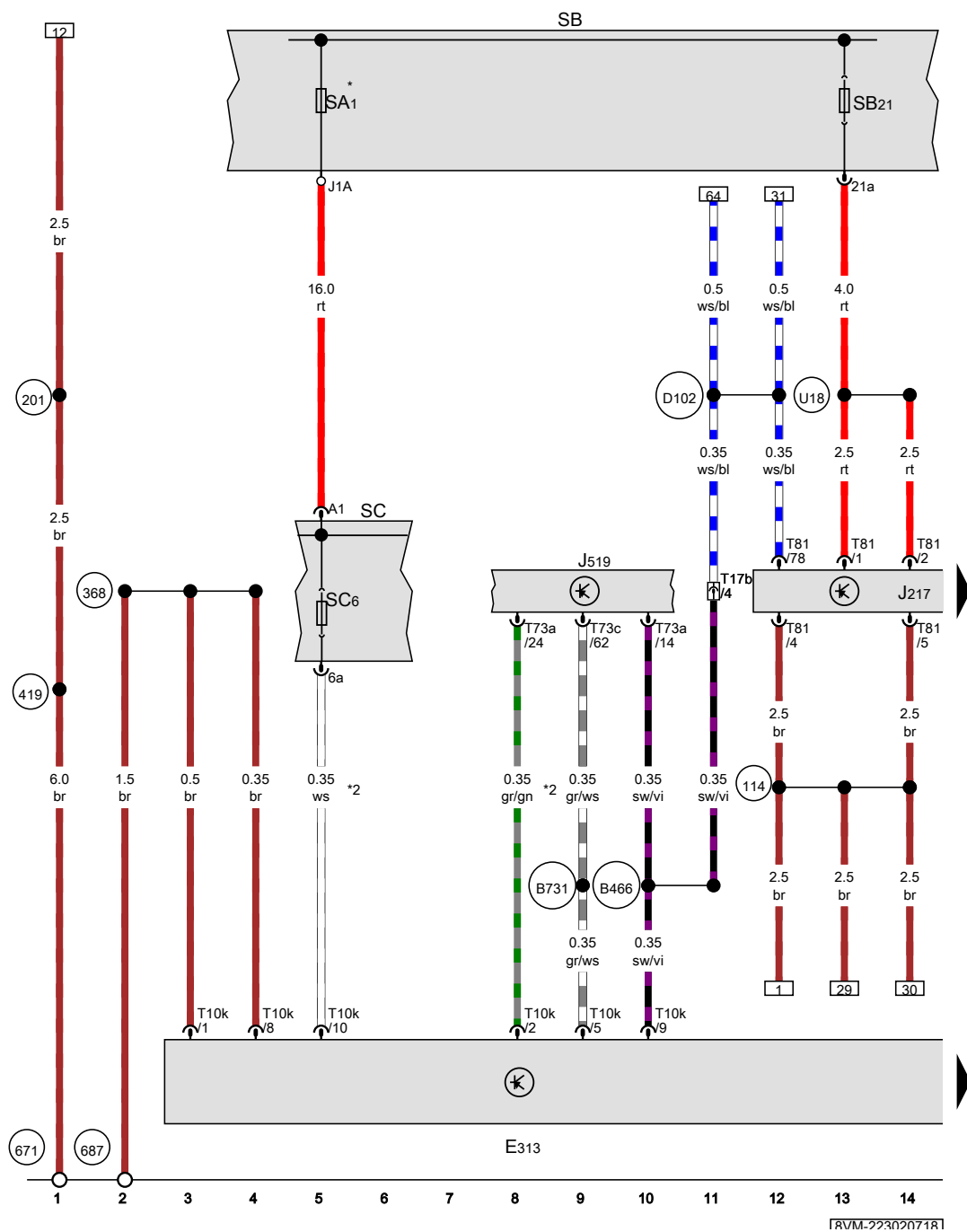
B406 Connection 1 (convenience CAN bus, low), in main wiring harness

B407 Connection 2 (convenience CAN bus, low), in main wiring harness

* For left-hand drive models
*2 see applicable current flow diagram for dash panel insert
*3 For right-hand drive models

6-speed automatic gearbox , (0ER)

From July 2018



Selector lever, Automatic gearbox control unit, Onboard supply control unit

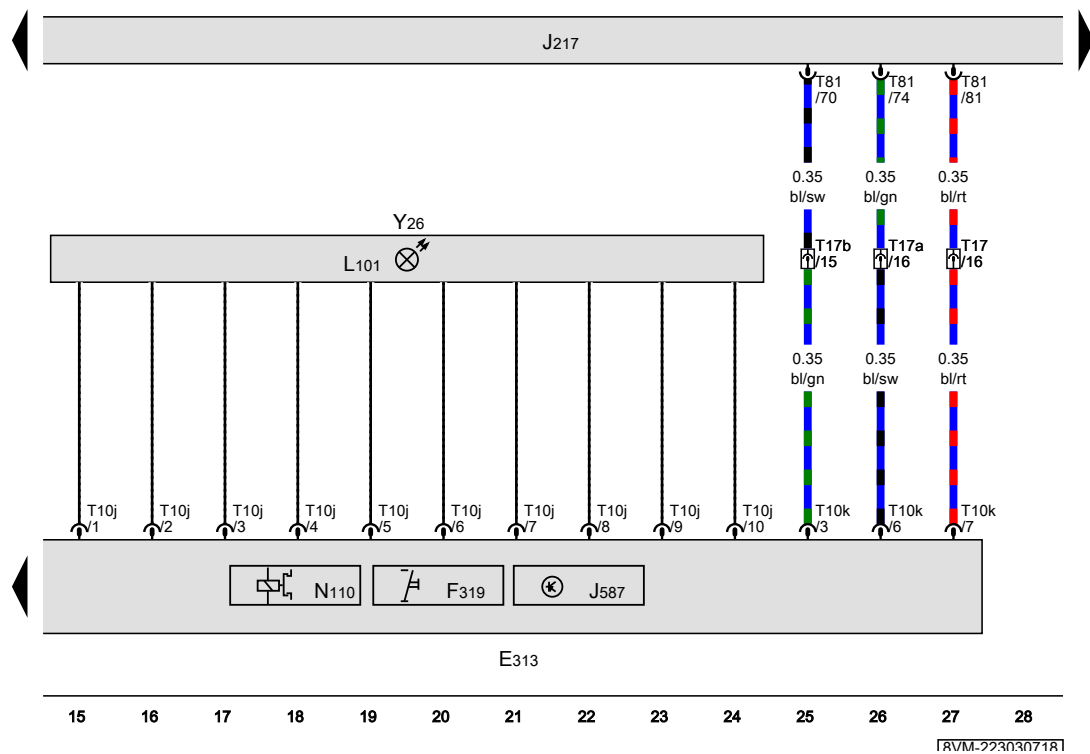
- E313 Selector lever
- J217 Automatic gearbox control unit
- J519 Onboard supply control unit
- SA1 Fuse 1 on fuse holder A
- SB Fuse holder B
- SB21 Fuse 21 on fuse holder B
- SC Fuse holder C
- SC6 Fuse 6 on fuse holder C
- T10k 10-pin connector, black
- T17b 17-pin connector, brown
- T73a 73-pin connector, black
- T73c 73-pin connector, black
- T81 81-pin connector, black
- 114 Earth connection, in automatic gearbox wiring harness
- 201 Earth connection 5, in engine compartment wiring harness
- 368 Earth connection 3, in main wiring harness
- 419 Earth connection 11, in engine compartment wiring harness
- 671 Earth point 1, on front of left longitudinal member
- 687 Earth point 1, on centre tunnel
- B466 Connection 2, in main wiring harness
- B731 Connection 1 (58s), in main wiring harness
- D102 Connection 2 in engine compartment wiring harness
- U18 Positive connection (30a), in automatic gearbox wiring harness

* see applicable current flow diagram for battery in engine compartment
 *2 see applicable current flow diagram for steering column electronics

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

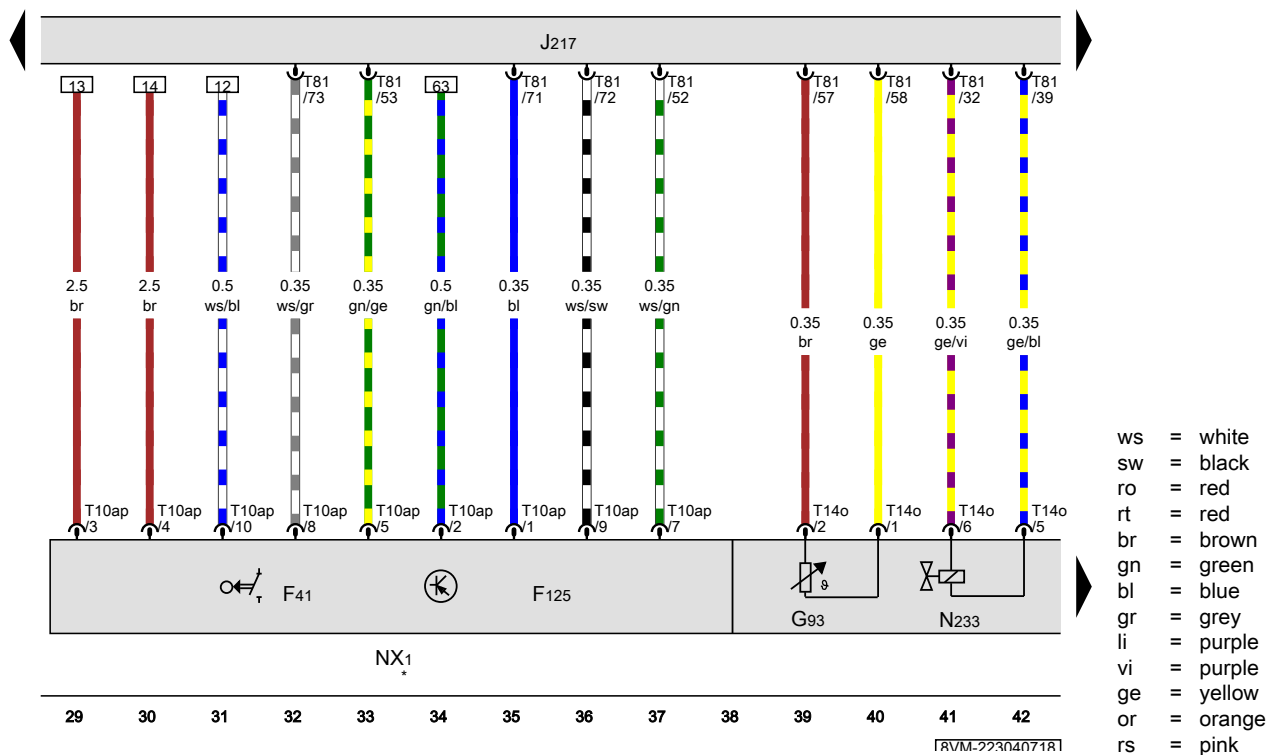
Selector lever, Selector lever locked in position P switch, Automatic gearbox control unit, Selector lever sensors control unit, Selector lever lock solenoid, Selector lever position display

- E313 Selector lever
- F319 Selector lever locked in position P switch
- J217 Automatic gearbox control unit
- J587 Selector lever sensors control unit
- L101 Selector lever display illumination bulb
- N110 Selector lever lock solenoid
- T10j 10-pin connector
- T10k 10-pin connector, black
- T17 17-pin connector, blue
- T17a 17-pin connector, black
- T17b 17-pin connector, brown
- T81 81-pin connector, black
- Y26 Selector lever position display



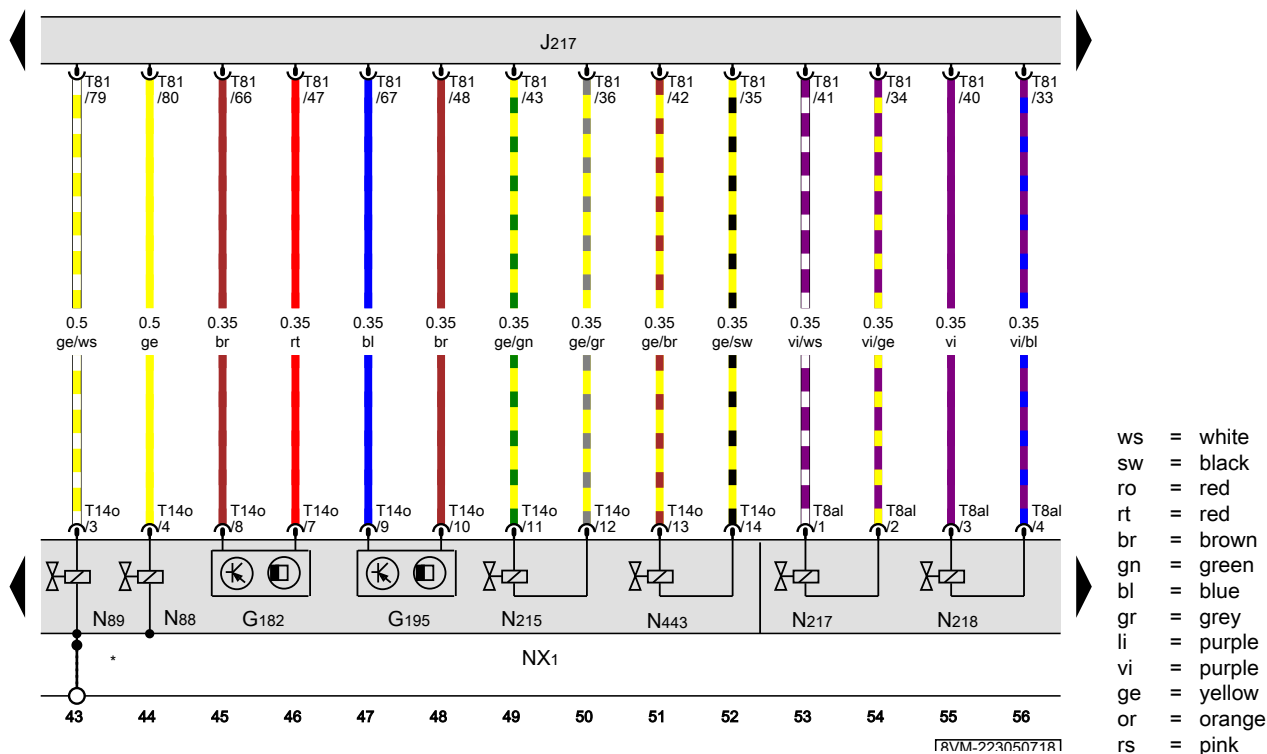
Multifunction switch, Gearbox oil temperature sender, Automatic gearbox control unit, Gearbox, Automatic gearbox pressure regulating valve 5

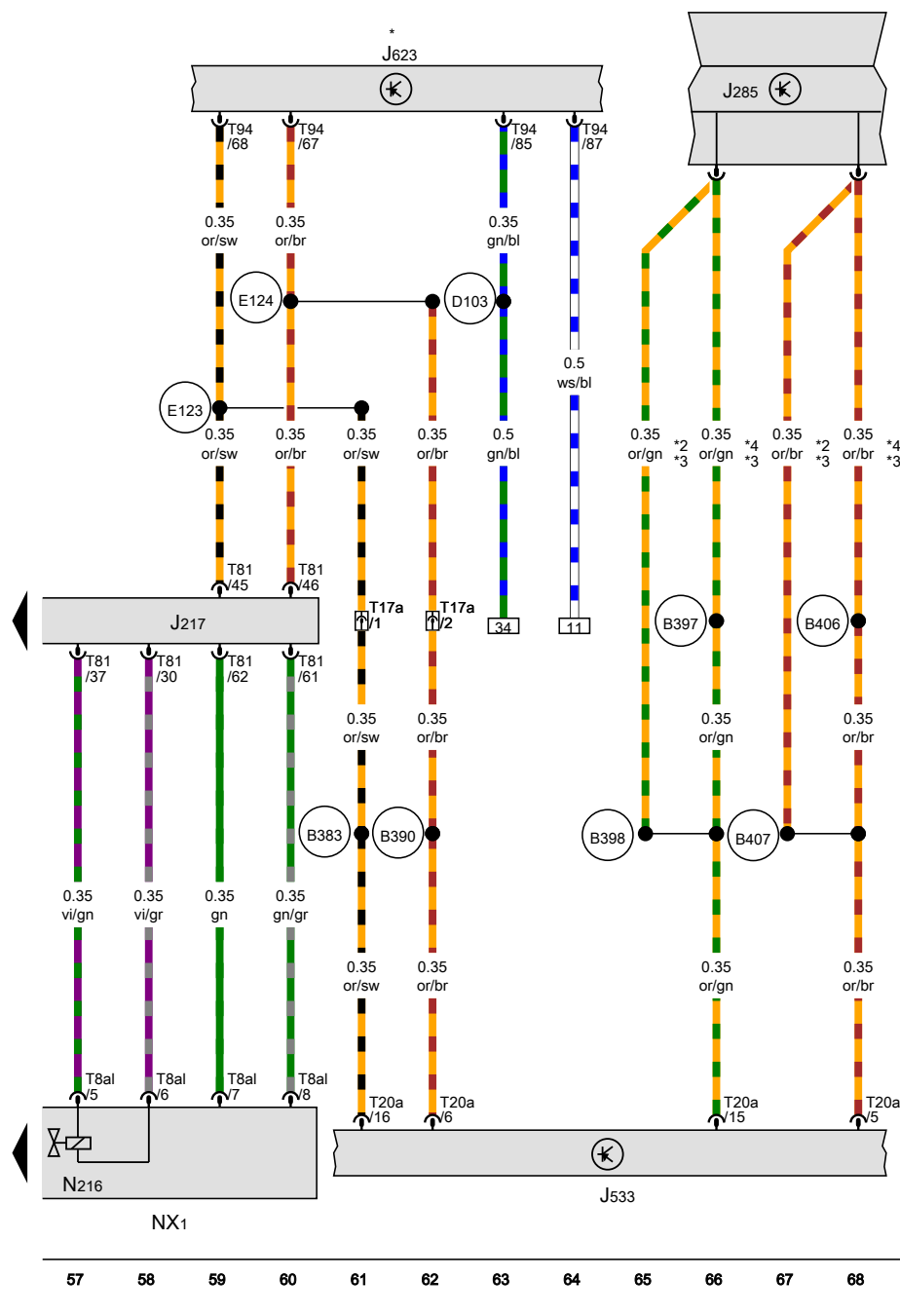
- F41 Reversing switch
- F125 Multifunction switch
- G93 Gearbox oil temperature sender
- J217 Automatic gearbox control unit
- NX1 Gearbox
- N233 Automatic gearbox pressure regulating valve 5
- T10ap 10-pin connector
- T14o 14-pin connector
- T81 81-pin connector, black
- * Pre-wired component



Gearbox input speed sender, Gearbox output speed sender, Automatic gearbox control unit, Gearbox, Solenoid valve 2, Automatic gearbox pressure regulating valve 1, Automatic gearbox pressure regulating valve 4, Automatic gearbox pressure regulating valve 7

- G182 Gearbox input speed sender
- G195 Gearbox output speed sender
- J217 Automatic gearbox control unit
- NX1 Gearbox
- N88 Solenoid valve 1
- N89 Solenoid valve 2
- N215 Automatic gearbox pressure regulating valve 1
- N217 Automatic gearbox pressure regulating valve 3
- N218 Automatic gearbox pressure regulating valve 4
- N443 Automatic gearbox pressure regulating valve 7
- T8al 8-pin connector
- T14o 14-pin connector
- T81 81-pin connector, black
- * Earth supply via housing





Automatic gearbox control unit, Control unit in dash panel insert, Data bus diagnostic interface, Engine/motor control unit, Gearbox, Automatic gearbox pressure regulating valve 2

- J217 Automatic gearbox control unit
- J285 Control unit in dash panel insert
- J533 Data bus diagnostic interface
- J623 Engine/motor control unit
- NX1 Gearbox
- N216 Automatic gearbox pressure regulating valve 2
- T8al 8-pin connector
- T17a 17-pin connector, black
- T20a 20-pin connector, red
- T81 81-pin connector, black
- T94 94-pin connector

- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness
- D103 Connection 3 in engine compartment wiring harness
- E123 Connection 1 (powertrain CAN bus, high), in engine wiring harness
- E124 Connection 1 (powertrain CAN bus, low), in engine wiring harness
- * see applicable current flow diagram for engine
- *2 For right-hand drive models
- *3 see applicable current flow diagram for dash panel insert
- *4 For left-hand drive models

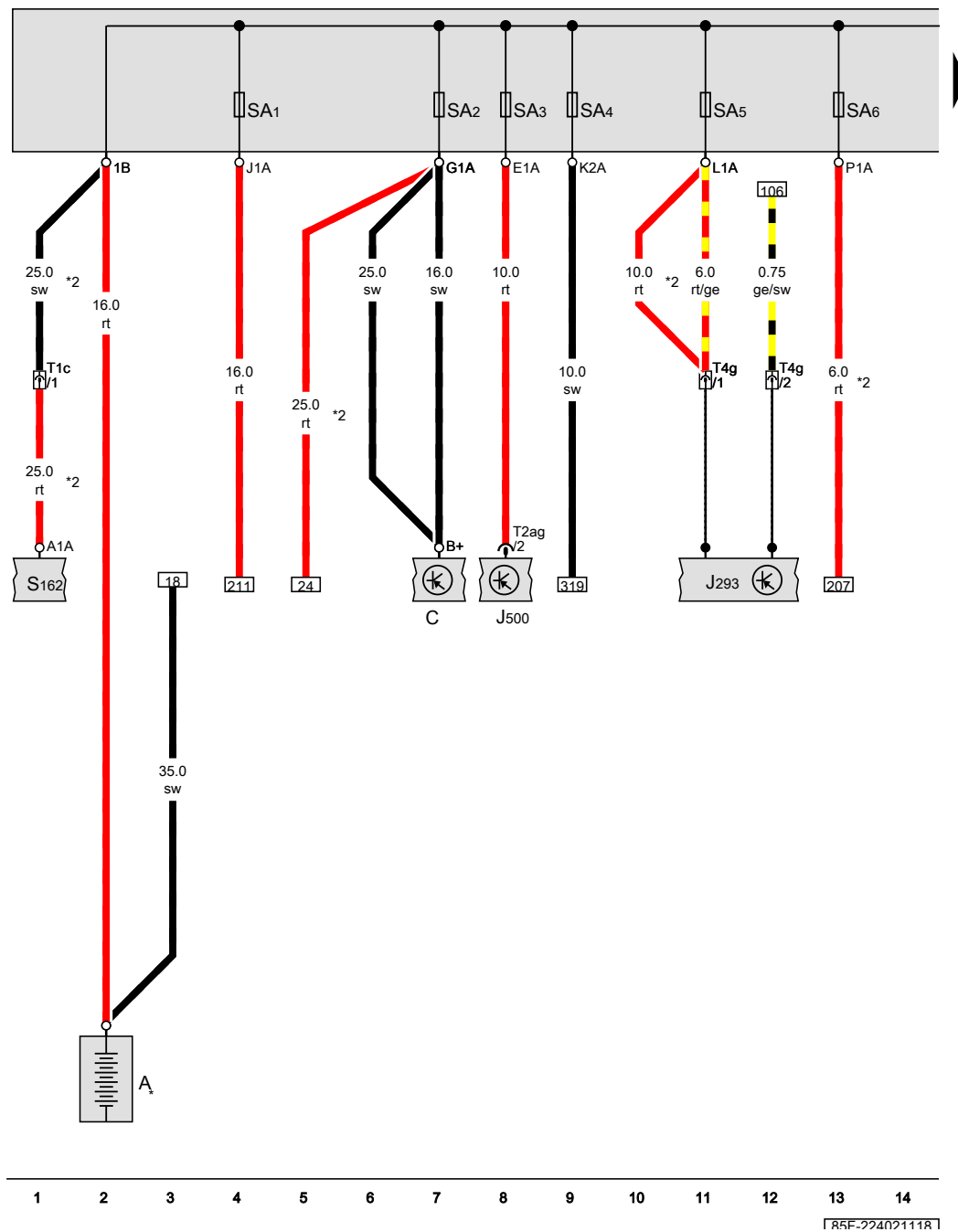
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- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

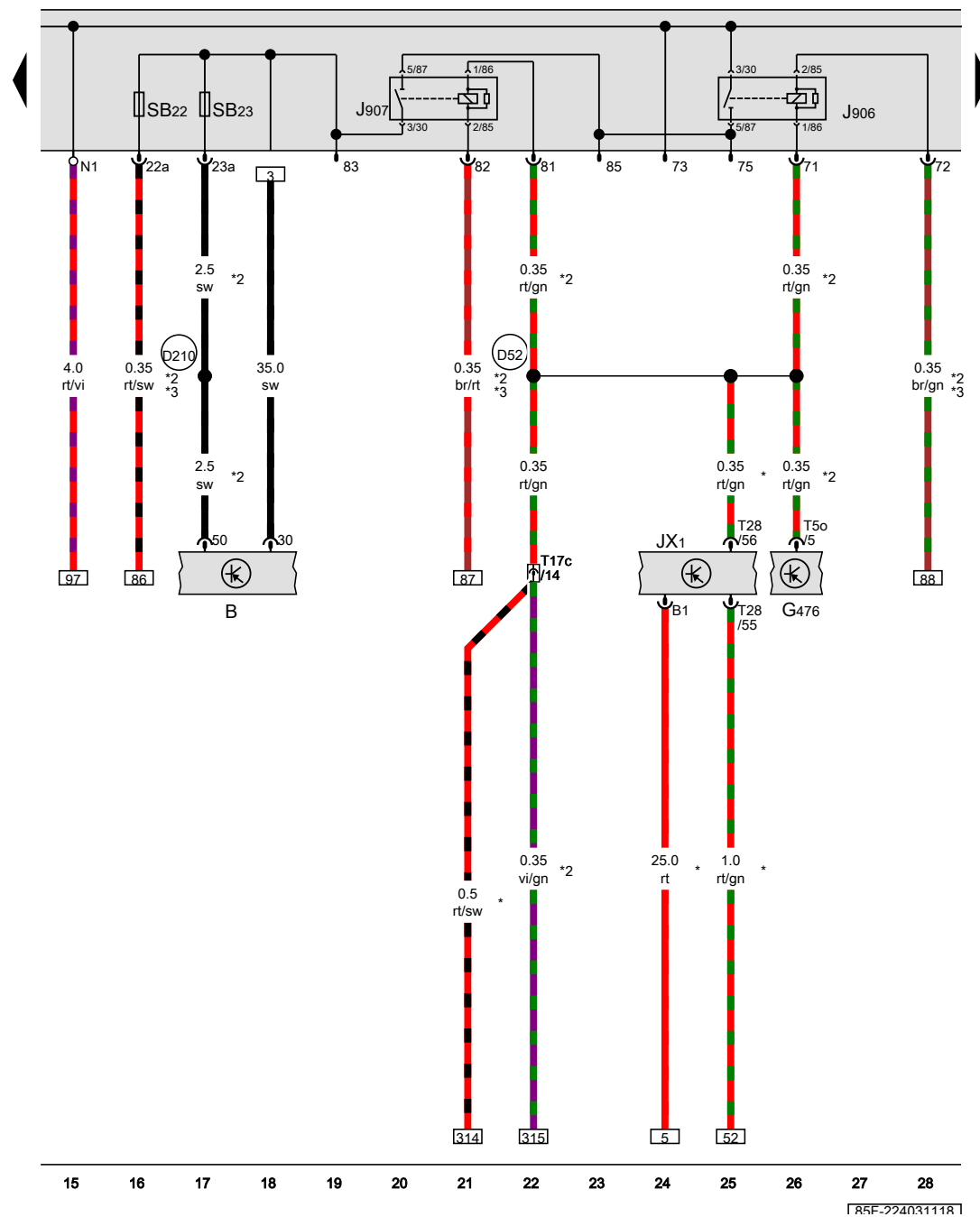
Fuse assignment

From July 2018

Battery, Power steering control unit, Fuse 1 on fuse holder A, Fuse 2 on fuse holder A, Fuse 3 on fuse holder A, Fuse 4 on fuse holder A, Fuse 5 on fuse holder A, Fuse 6 on fuse holder A

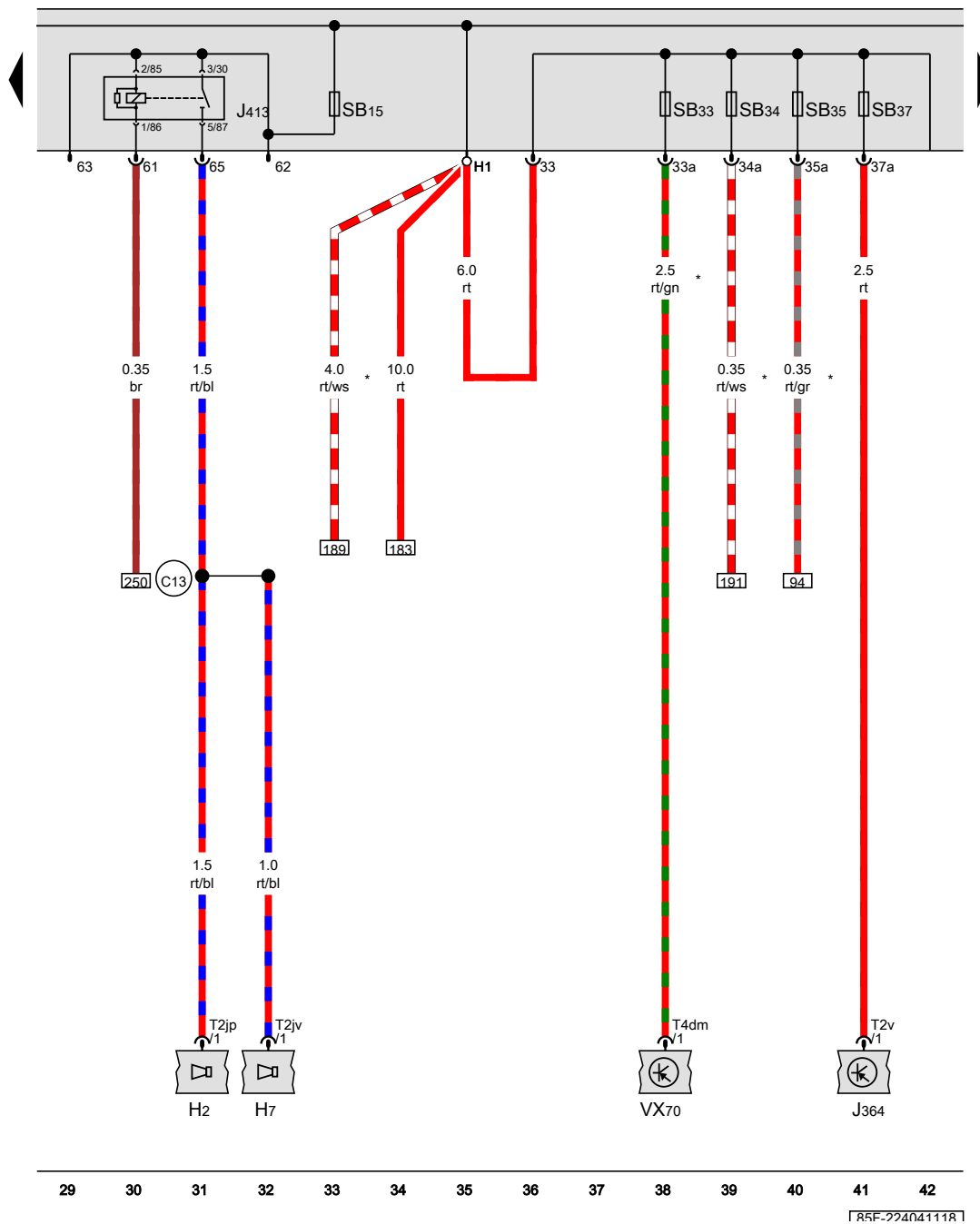
- A Battery
- C Alternator
- J293 Radiator fan control unit
- J500 Power steering control unit
- SA1 Fuse 1 on fuse holder A
- SA2 Fuse 2 on fuse holder A
- SA3 Fuse 3 on fuse holder A
- SA4 Fuse 4 on fuse holder A
- SA5 Fuse 5 on fuse holder A
- SA6 Fuse 6 on fuse holder A
- S162 Fuse 1 (30), in battery fuse holder
- T1c 1-pin connector, black
- T2ag 2-pin connector
- T4g 4-pin connector, black
- * see applicable current flow diagram for battery
- *2 For models with hybrid drive system





Starter relay 1, Starter relay 2, Fuse 22 on fuse holder B, Fuse 23 on fuse holder B

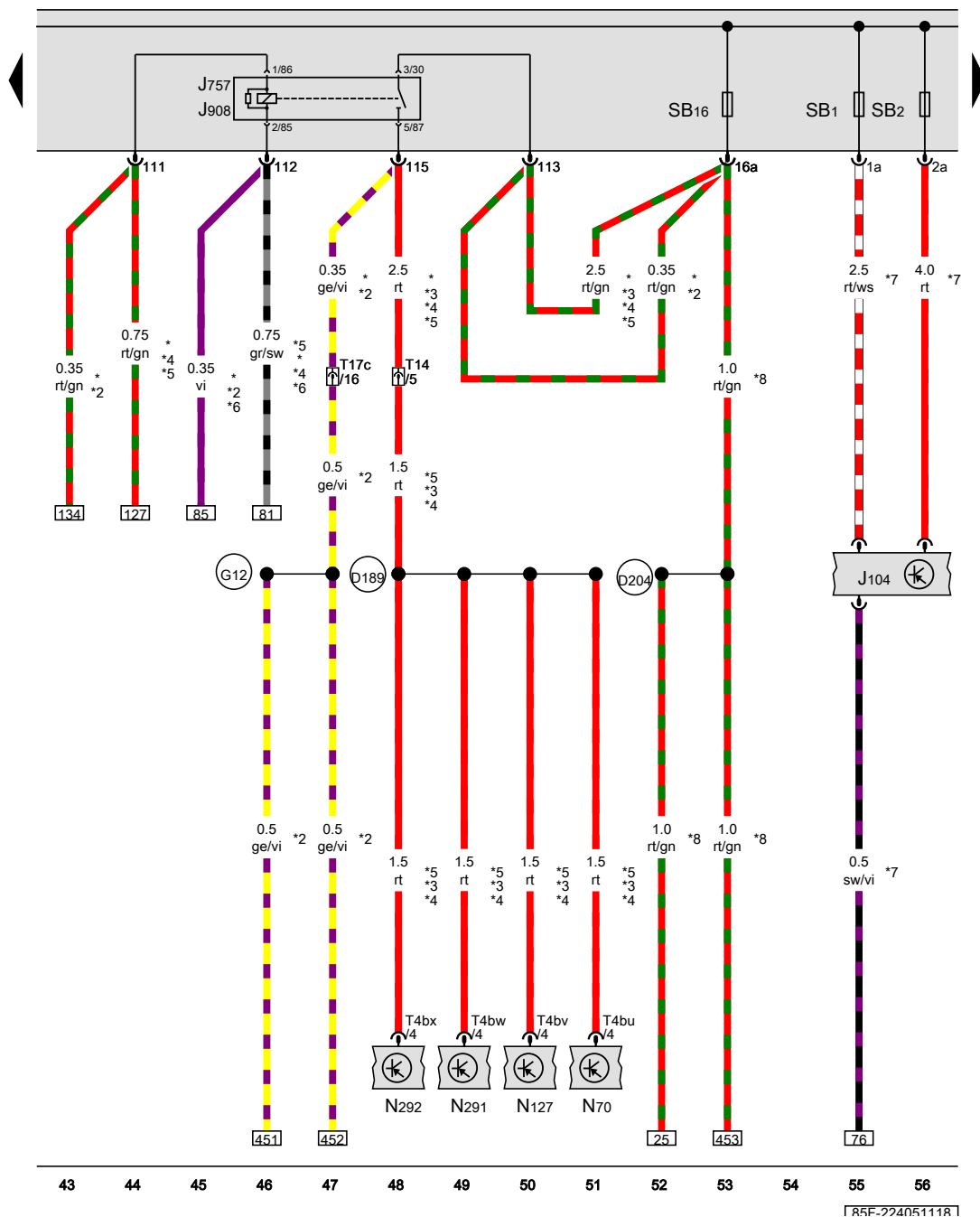
- B Starter
- G476 Clutch position sender
- JX1 Power and control electronics for electric drive
- J906 Starter relay 1
- J907 Starter relay 2
- SB22 Fuse 22 on fuse holder B
- SB23 Fuse 23 on fuse holder B
- T50 5-pin connector, black
- T17c 17-pin connector, on lower section of left A-pillar, red
- T28 28-pin connector, black
- D52 Positive connection (15a), in engine compartment wiring harness
- D210 Connection (50), in engine compartment wiring harness
- * For models with hybrid drive system
- *2 For models with no hybrid drive system
- *3 see applicable current flow diagram for engine



Treble horn, Bass horn, Auxiliary heater control unit, Horn relay, Fuse 15 on fuse holder B, Fuse 33 on fuse holder B, Fuse 34 on fuse holder B, Fuse 35 on fuse holder B, Fuse 37 on fuse holder B

- H2 Treble horn
- H7 Bass horn
- J364 Auxiliary heater control unit
- J413 Horn relay
- SB15 Fuse 15 on fuse holder B
- SB33 Fuse 33 on fuse holder B
- SB34 Fuse 34 on fuse holder B
- SB35 Fuse 35 on fuse holder B
- SB37 Fuse 37 on fuse holder B
- T2jp 2-pin connector, black
- T2jv 2-pin connector, black
- T2v 2-pin connector, black
- T4dm 4-pin connector, black
- VX70 Brake system pressure accumulator
- C13 Positive connection in dual tone horn wiring harness
- * For models with hybrid drive system

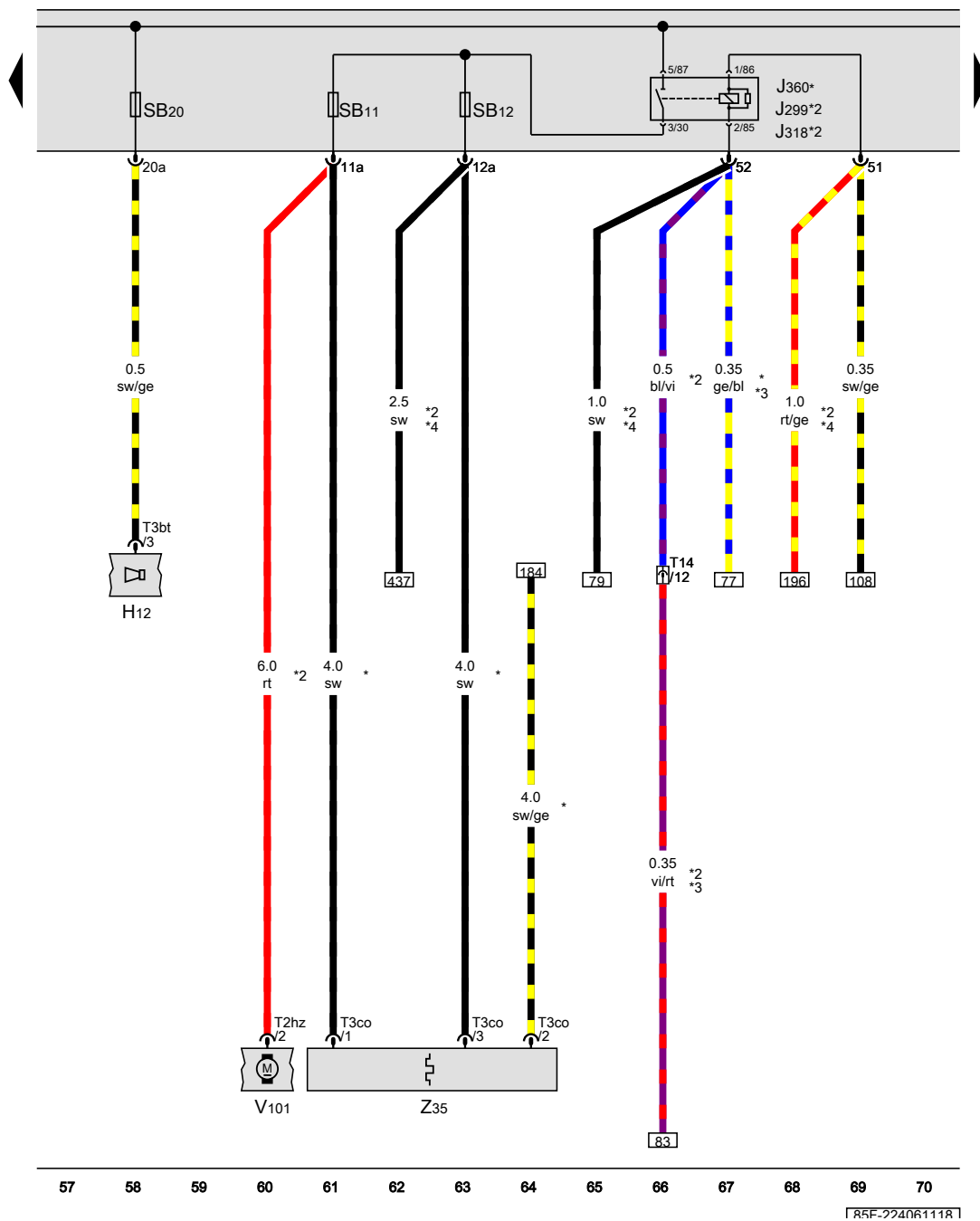
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 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



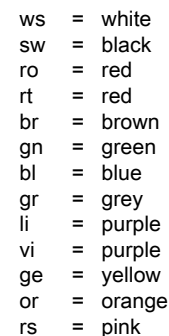
Engine component current supply relay, Fuse 1 on fuse holder B, Fuse 2 on fuse holder B, Fuse 16 on fuse holder B

- J104 ABS control unit
- J757 Engine component current supply relay
- J908 Relay for gas shut-off valves
- N70 Ignition coil 1 with output stage
- N127 Ignition coil 2 with output stage
- N291 Ignition coil 3 with output stage
- N292 Ignition coil 4 with output stage
- SB1 Fuse 1 on fuse holder B
- SB2 Fuse 2 on fuse holder B
- SB16 Fuse 16 on fuse holder B
- T4bu 4-pin connector, black
- T4bv 4-pin connector, black
- T4bw 4-pin connector, black
- T4bx 4-pin connector, black
- T14 14-pin connector, on front left longitudinal member, grey
- T17c 17-pin connector, on lower section of left A-pillar, red
- D189 Connection (87a) in engine prewiring harness
- D204 Positive connection 4 (30a), in engine compartment wiring harness
- G12 Connection 1 in gas mode wiring harness
- * According to equipment
- *2 For models with 1.4l engine
- *3 For models with 1.8l engine
- *4 For models with 2.0l engine
- *5 For models with petrol engine
- *6 see applicable current flow diagram for engine
- *7 see applicable current flow diagram for ABS
- *8 For models with hybrid drive system

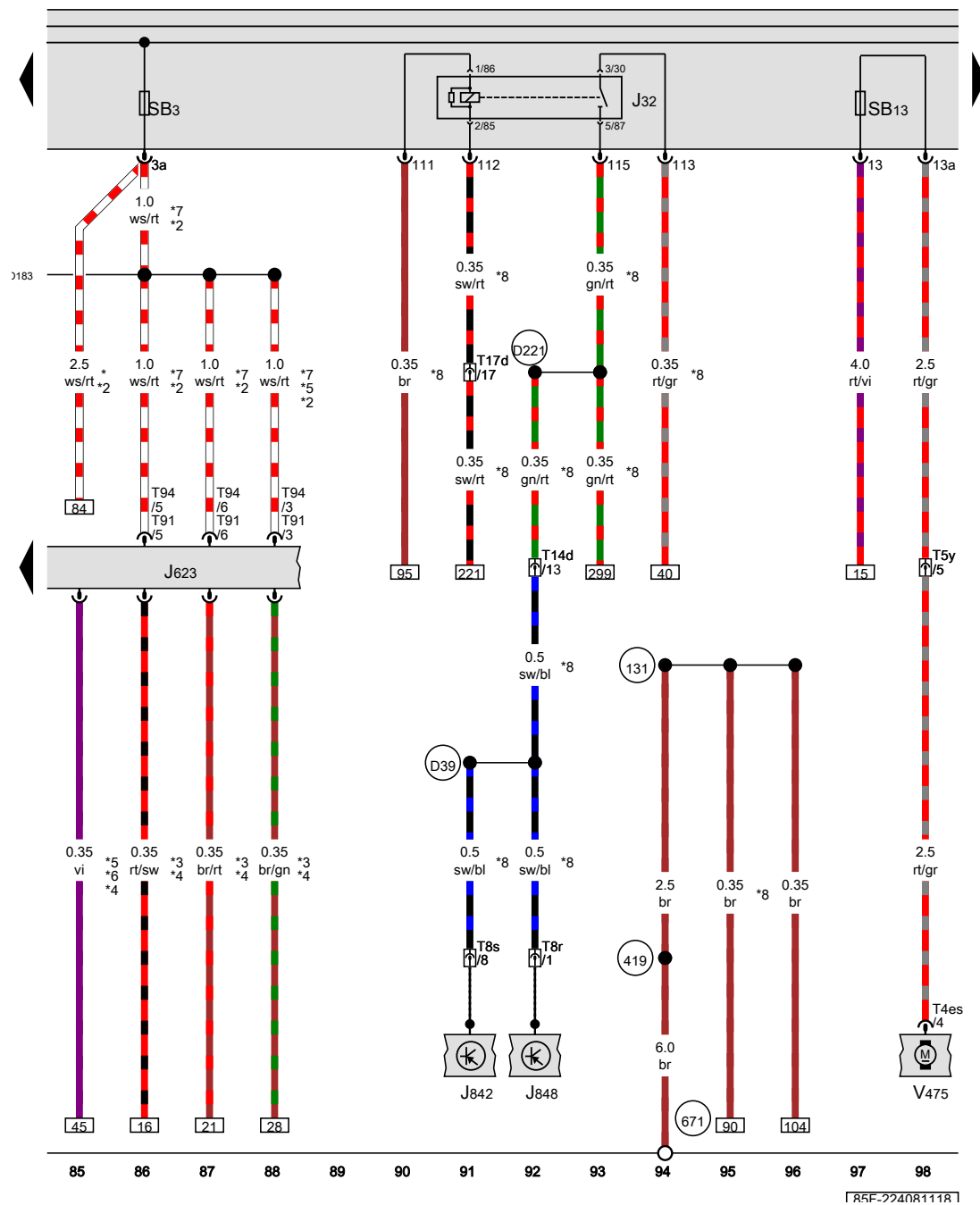
High heat output relay, Fuse 11 on fuse holder B, Fuse 12 on fuse holder B, Fuse 20 on fuse holder B



- H12 Alarm horn
- J299 Secondary air pump relay
- J318 Vacuum pump relay
- J360 High heat output relay
- SB11 Fuse 11 on fuse holder B
- SB12 Fuse 12 on fuse holder B
- SB20 Fuse 20 on fuse holder B
- T2hz 2-pin connector, black
- T3bt 3-pin connector, black
- T3co 3-pin connector, black
- T14 14-pin connector, on front left longitudinal member, grey
- V101 Secondary air pump motor
- Z35 Auxiliary air heater element
- * For models with diesel engine
- *2 For models with petrol engine
- *3 see applicable current flow diagram for engine
- *4 According to equipment



- * For models with start/stop system
- *2 For models with diesel engine
- *3 Wiring colour depends on equipment
- *4 see applicable current flow diagram for ABS
- *5 For models with petrol engine
- *6 According to equipment
- *7 For models with 2.0l engine
- *8 see applicable current flow diagram for engine
- *9 For models with no start/stop system



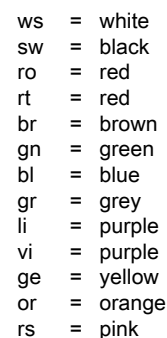
Air conditioning system relay, Engine/motor control unit, Fuse 3 on fuse holder B, Fuse 13 on fuse holder B

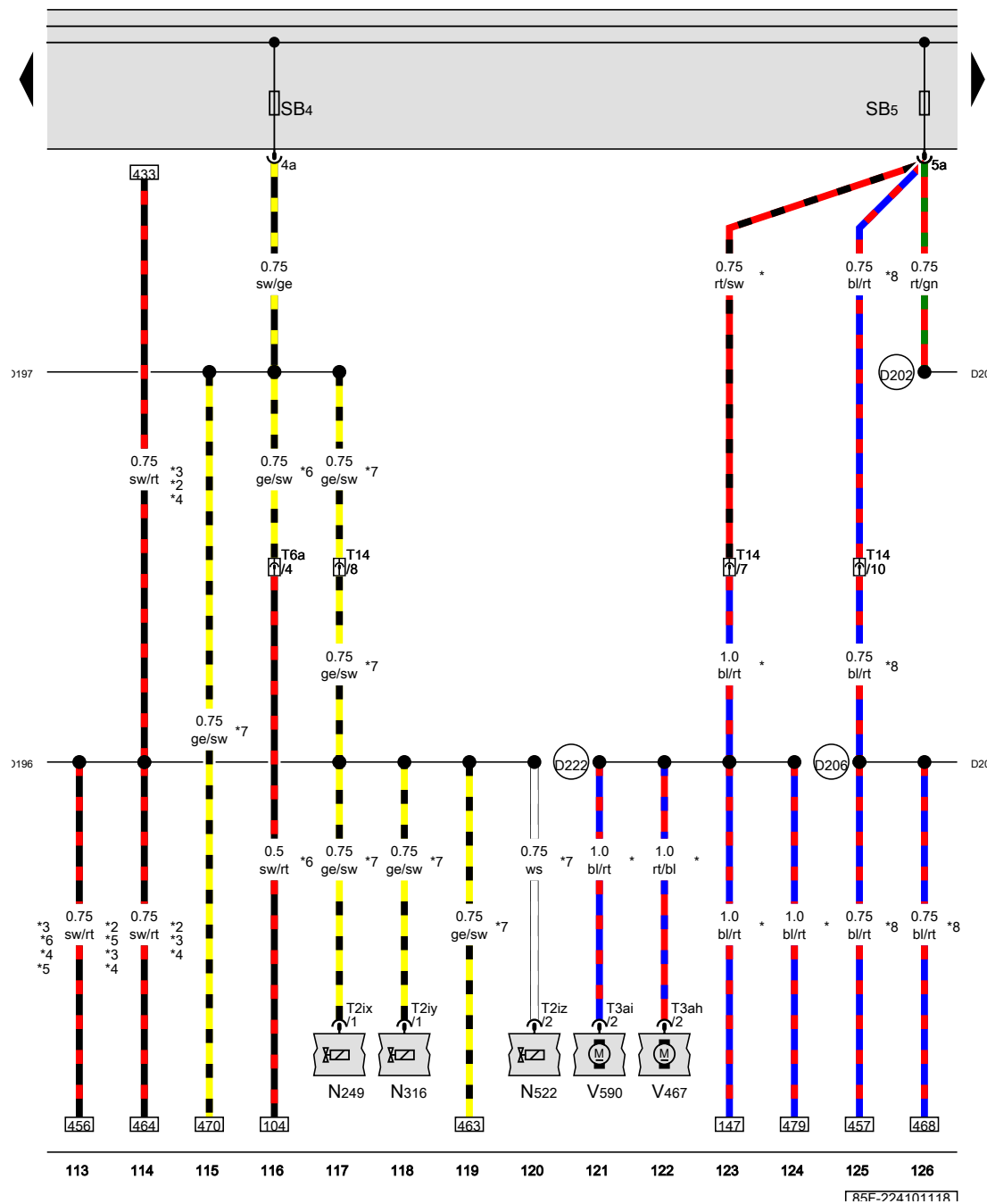
- J32 Air conditioning system relay
- J623 Engine/motor control unit
- J842 Control unit for air conditioning compressor
- J848 High-voltage heater (PTC) control unit
- SB3 Fuse 3 on fuse holder B
- SB13 Fuse 13 on fuse holder B
- T4es 4-pin connector, black
- T5y 5-pin connector, black
- T8r 8-pin connector, black
- T8s 8-pin connector, black
- T14d 14-pin connector, black
- T17d 17-pin connector, on lower section of left A-pillar, green
- T94 94-pin connector, black
- V475 Auxiliary hydraulic pump 1 for gearbox oil

- 131 Earth connection 2, in engine compartment wiring harness
- 419 Earth connection 11, in engine compartment wiring harness
- 671 Earth point 1, on front of left longitudinal member
- D39 Connection 1, in engine prewiring harness
- D183 Connection 4 (87a), in engine compartment wiring harness
- D221 Connection 9 (87a), in engine compartment wiring harness

- * For models with diesel engine
- *2 Wiring colour depends on equipment
- *3 For models with no hybrid drive system
- *4 According to equipment
- *5 For models with 1.4l engine
- *7 For models with petrol engine
- *8 For models with hybrid drive system

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

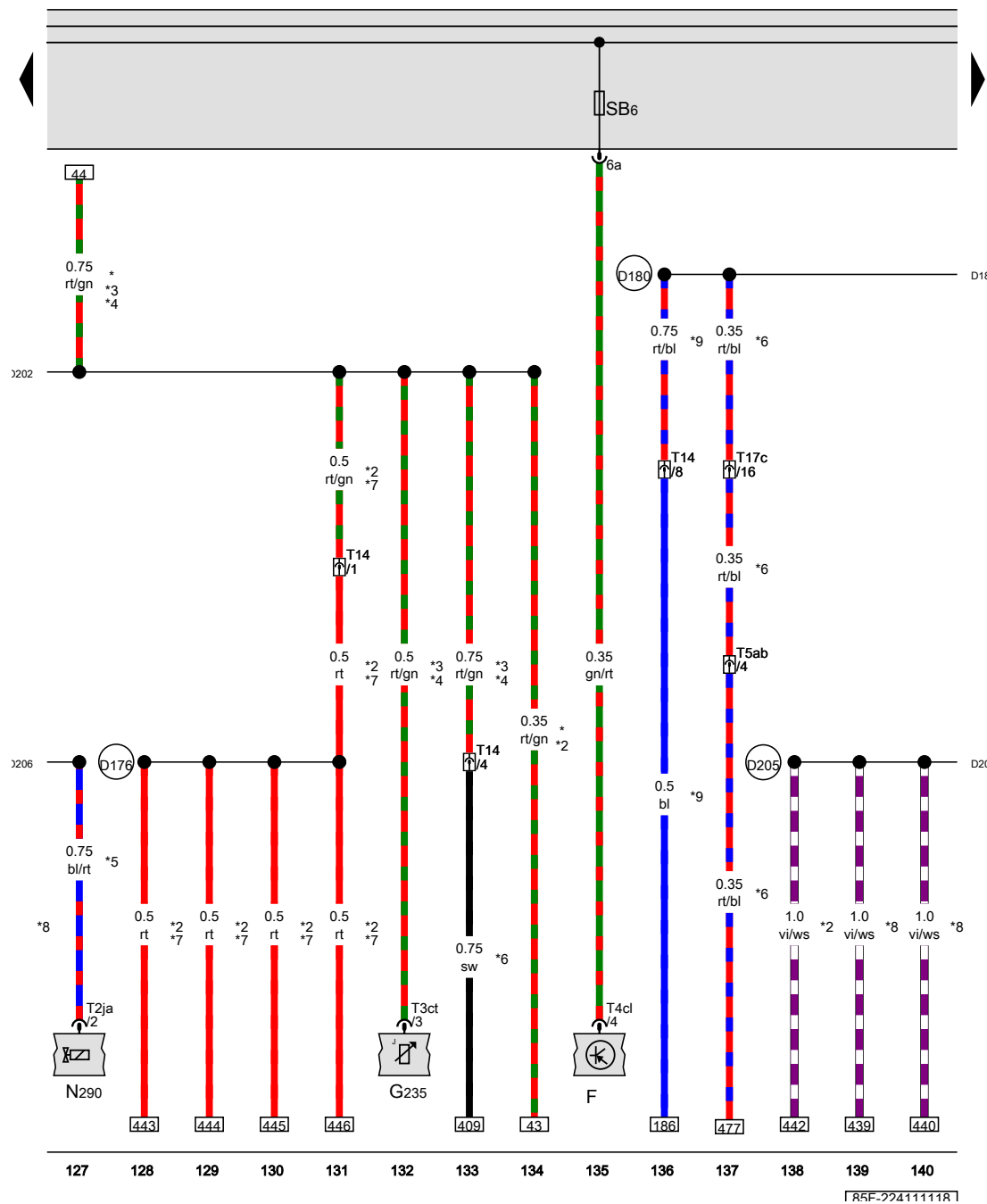




Fuse 4 on fuse holder B, Fuse 5 on fuse holder B

- N249 Turbocharger air recirculation valve
- N316 Intake manifold flap valve
- N522 Piston cooling jet control valve
- SB4 Fuse 4 on fuse holder B
- SB5 Fuse 5 on fuse holder B
- T2ix 2-pin connector, black
- T2iy 2-pin connector, black
- T2iz 2-pin connector, black
- T3ah 3-pin connector, black
- T3ai 3-pin connector, black
- T6a 6-pin connector, black
- T14 14-pin connector, on front left longitudinal member, grey
- V467 Coolant pump for high-temperature circuit
- V590 Coolant pump for high-voltage battery
- D196 Connection 2 (87a) in engine prewiring harness
- D197 Connection 5 (87a), in engine compartment wiring harness
- D202 Connection 6 (87a), in engine compartment wiring harness
- D206 Connection 4 (87a) in engine prewiring harness
- D222 Connection 10 (87a), in engine compartment wiring harness
- * For models with hybrid drive system
- *2 For models with 1.4l engine
- *3 For models with 1.0l petrol engine
- *4 For models with 1.5l petrol engine
- *5 For models with 1.2l engine
- *6 For models with petrol engine
- *7 For models with 2.0l engine
- *8 For models with diesel engine

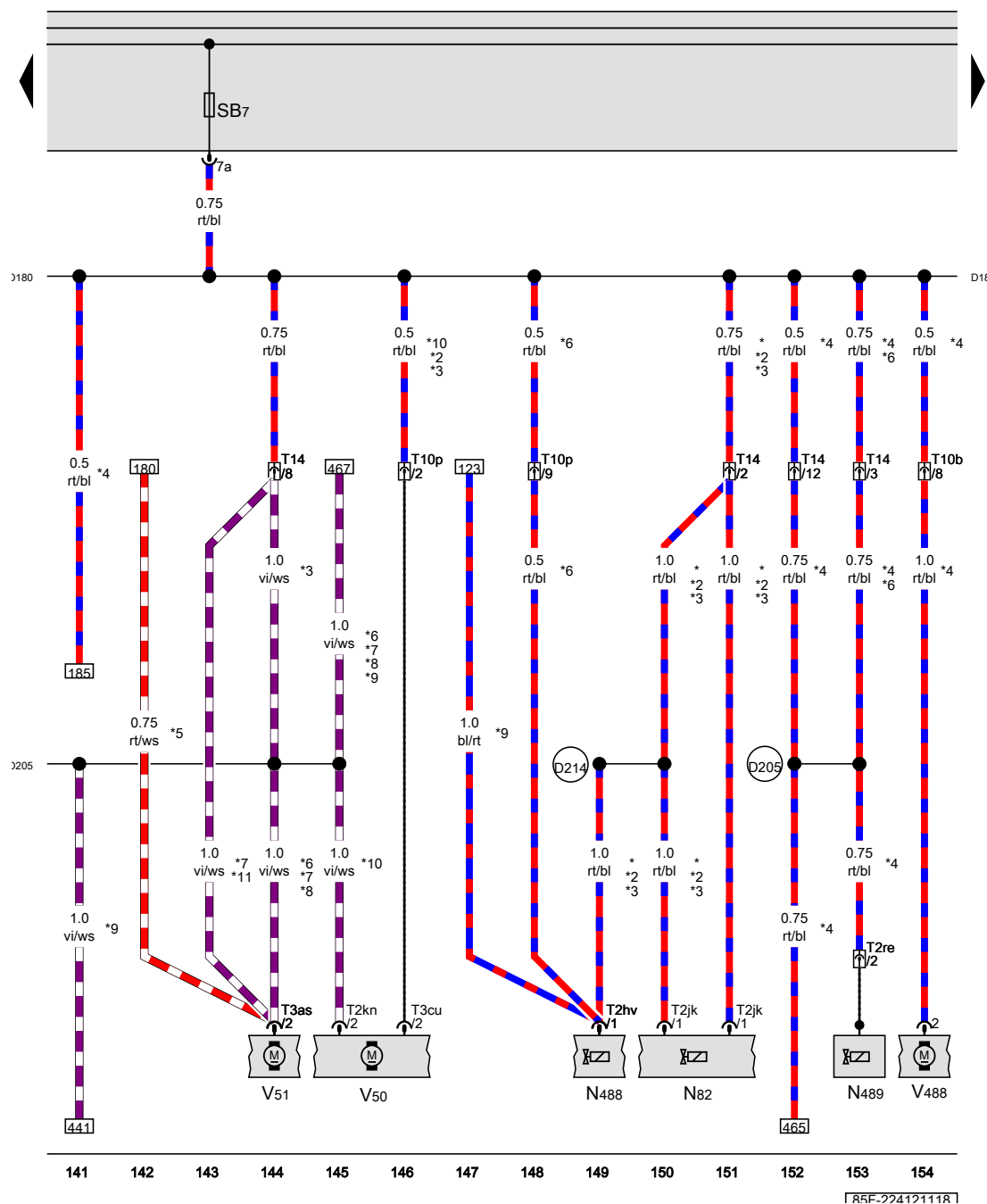
ws = white
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 vi = purple
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 or = orange
 rs = pink



Fuse 6 on fuse holder B

- F Brake light switch
- G235 Exhaust gas temperature sender 1
- N290 Fuel metering valve
- SB6 Fuse 6 on fuse holder B
- T2ja 2-pin connector, black
- T3ct 3-pin connector, black
- T4cl 4-pin connector, black
- T5ab 5-pin connector, black
- T14 14-pin connector, on front left longitudinal member, grey
- T17c 17-pin connector, on lower section of left A-pillar, red
- D176 Connection (gas injector), in engine compartment wiring harness
- D180 Connection (87a), in engine compartment wiring harness
- D202 Connection 6 (87a), in engine compartment wiring harness
- D205 Connection 3 (87a) in engine prewiring harness
- D206 Connection 4 (87a) in engine prewiring harness
- * According to equipment
- *2 For models with 1.4l engine
- *3 For models with 2.0l engine
- *4 For models with petrol engine
- *5 For models with diesel engine
- *6 For models with 2.0l petrol engine
- *7 For models with natural gas engine
- *8 For models with hybrid drive system
- *9 For models with 1.5l petrol engine

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
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Fuse 7 on fuse holder B, Auxiliary pump for heating

- N82 Coolant shut-off valve
- N488 Coolant valve for gearbox
- N489 Coolant valve for cylinder head
- SB7 Fuse 7 on fuse holder B
- T2hv 2-pin connector, black
- T2jk 2-pin connector, black
- T2kn 2-pin connector
- T2re 2-pin connector, black
- T3as 3-pin connector, black
- T3cu 3-pin connector, black
- T10b 10-pin connector, black
- T10p 10-pin connector
- T14 14-pin connector, on front left longitudinal member, grey
- V50 Coolant circulation pump
- V51 Continued coolant circulation pump
- V488 Auxiliary pump for heating

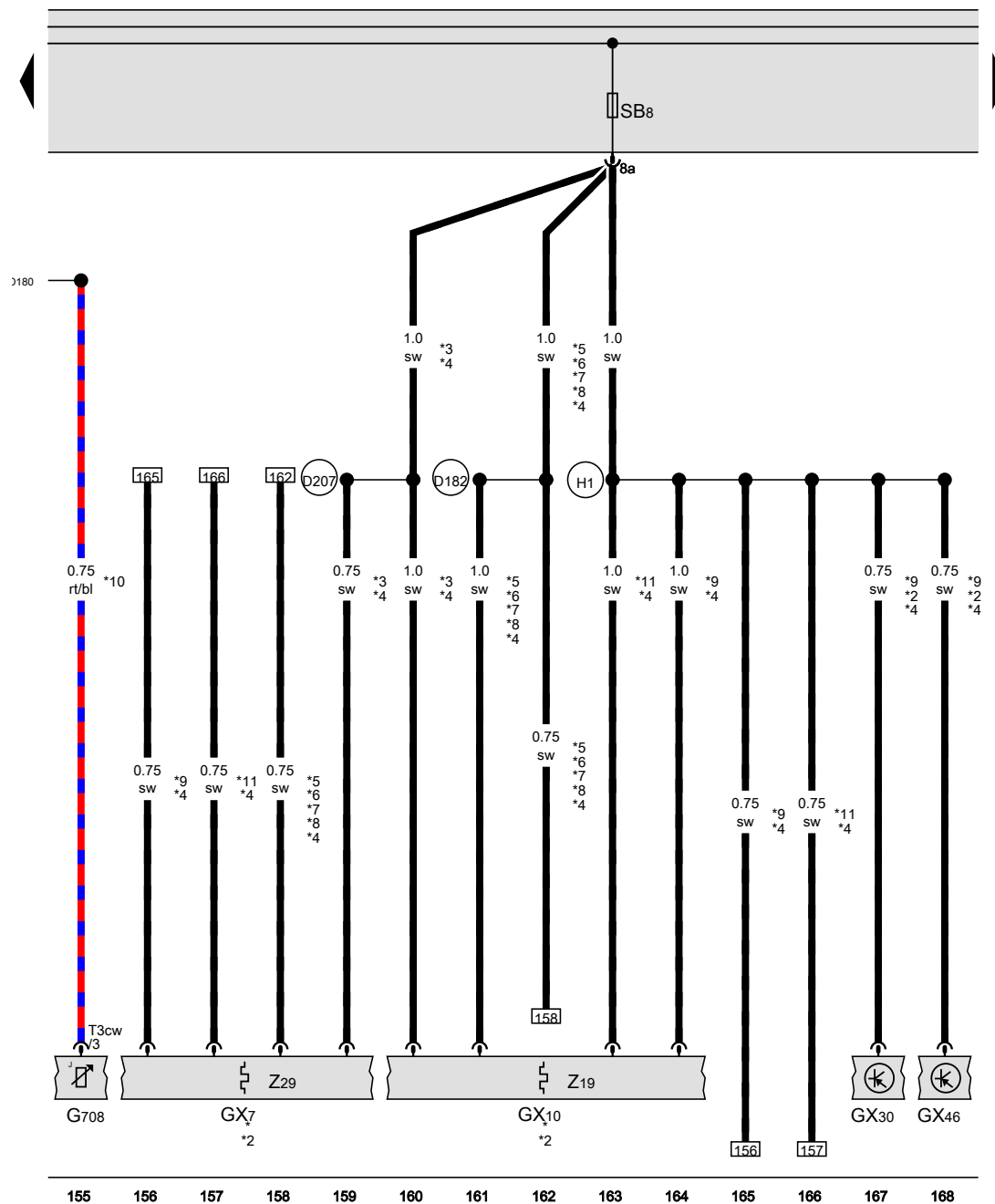
(D180) Connection (87a), in engine compartment wiring harness

(D205) Connection 3 (87a) in engine prewiring harness

(D214) Connection 8 (87a), in engine compartment wiring harness

- * For models with 1.8l engine
- *2 For models with 2.0l engine
- *3 For models with petrol engine
- *4 For models with diesel engine
- *5 For models with 2.0l petrol engine
- *6 According to equipment
- *7 For models with 1.4l engine
- *8 For models with 1.2l engine
- *9 For models with hybrid drive system
- *10 If fitted
- *11 Different wire colour possible

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



Fuse 8 on fuse holder B, Lambda probe heater, Lambda probe 1 heater after catalytic converter

- GX7 Lambda probe 1 after catalytic converter
- GX10 Lambda probe 1 before catalytic converter
- GX30 Control unit for NOx sender
- GX46 Control unit 2 for NOx sender
- G708 Ethanol concentration sender
- SB8 Fuse 8 on fuse holder B
- T3cw 3-pin connector, black
- Z19 Lambda probe heater
- Z29 Lambda probe 1 heater after catalytic converter

D180 Connection (87a), in engine compartment wiring harness

D182 Connection 3 (87a), in engine compartment wiring harness

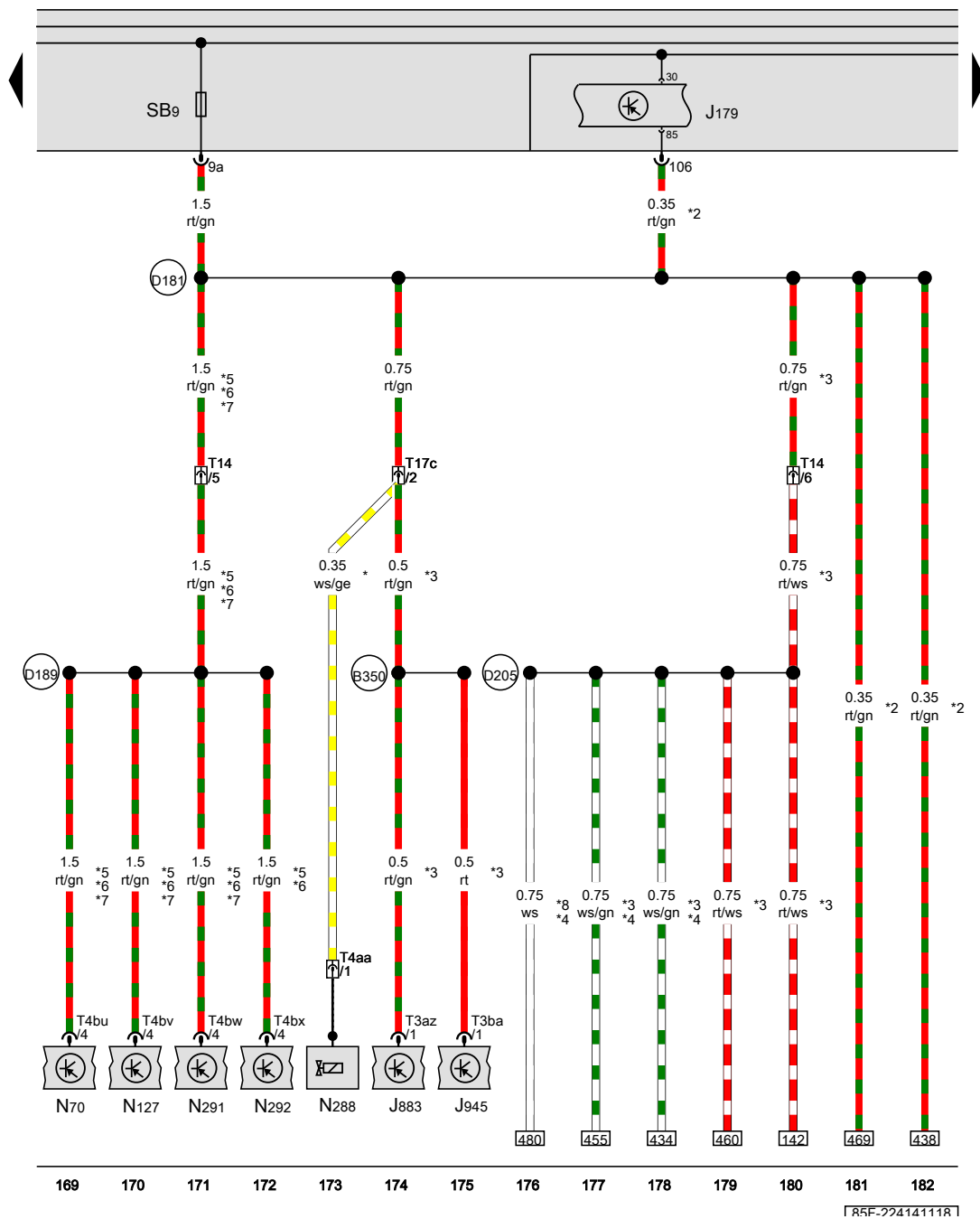
D207 Connection 7 (87a), in engine compartment wiring harness

H1 Positive connection, in Lambda wiring harness

- * Pre-wired component
- *2 According to equipment
- *3 For models with 2.0l petrol engine
- *4 see applicable current flow diagram for engine
- *5 For models with 1.0l petrol engine
- *6 For models with 1.2l engine
- *7 For models with 1.4l engine
- *8 For models with 1.5l petrol engine
- *9 For models with diesel engine
- *10 For models with equipment for Brazil
- *11 For models with hybrid drive system

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[85F-224131118]



Automatic glow period control unit, Fuse 9 on fuse holder B

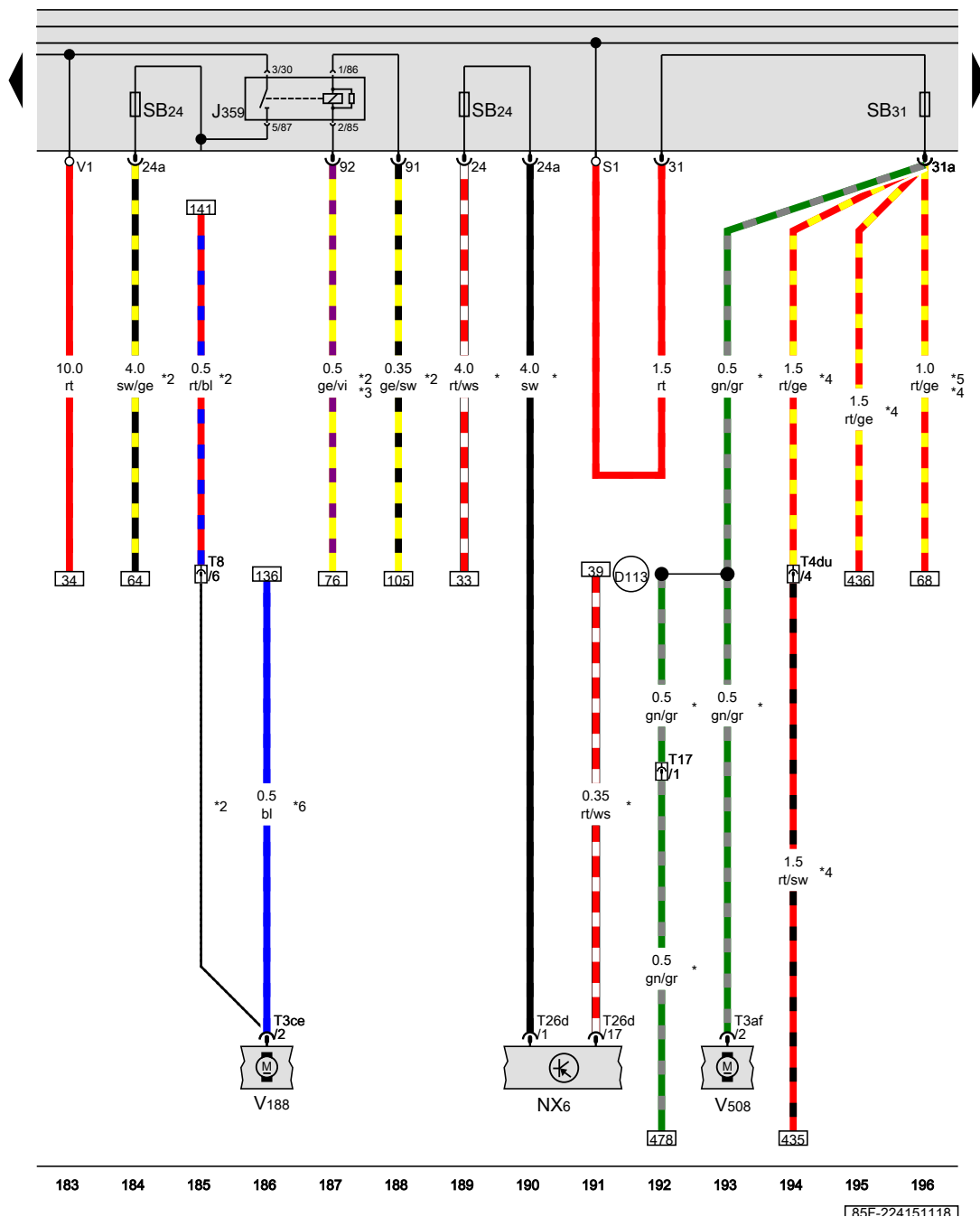
- J179 Automatic glow period control unit
- J883 Exhaust flap control unit
- J945 Exhaust flap control unit 2
- N70 Ignition coil 1 with output stage
- N127 Ignition coil 2 with output stage
- N288 Fuel tank shut-off valve
- N291 Ignition coil 3 with output stage
- N292 Ignition coil 4 with output stage
- SB9 Fuse 9 on fuse holder B
- T3az 3-pin connector, black
- T3ba 3-pin connector, black
- T4aa 4-pin connector, black
- T4bu 4-pin connector, black
- T4bv 4-pin connector, black
- T4bw 4-pin connector, black
- T4bx 4-pin connector, black
- T14 14-pin connector, on front left longitudinal member, grey
- T17c 17-pin connector, on lower section of left A-pillar, red

- B350 Positive connection 1 (87a) in main wiring harness
- D181 Connection 2 (87a), in engine compartment wiring harness
- D189 Connection (87a) in engine prewiring harness
- D205 Connection 3 (87a) in engine prewiring harness

- * For models with hybrid drive system
- *2 For models with diesel engine
- *3 For models with 2.0l petrol engine
- *4 Different wire colour possible
- *5 For models with 1.4l engine
- *6 For models with 1.2l engine
- *7 For models with 1.0l petrol engine
- *8 For models with 2.0l engine

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Low heat output relay, Fuse 24 on fuse holder B, Fuse 31 on fuse holder B

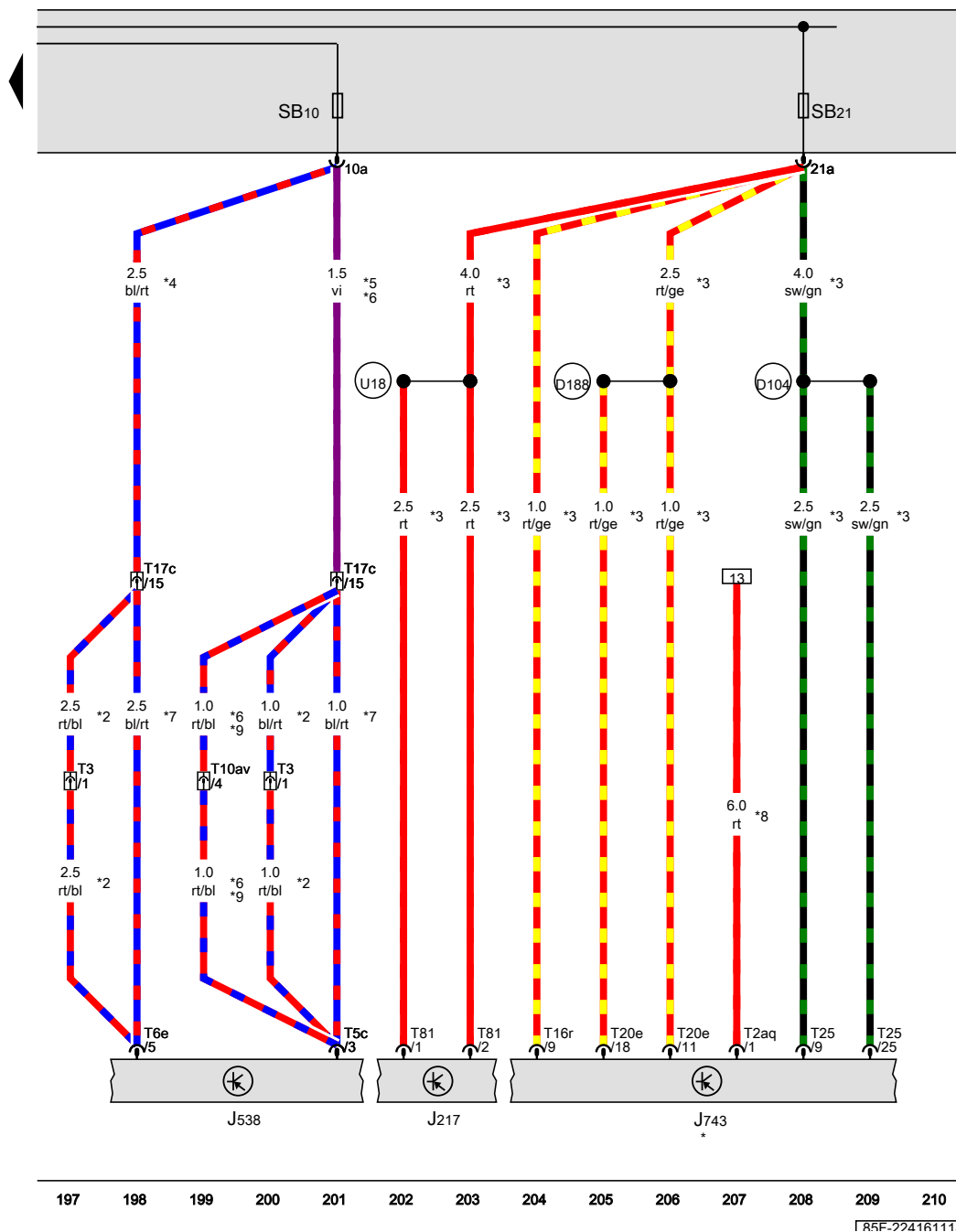


- J359 Low heat output relay
- NX6 Brake servo
- SB24 Fuse 24 on fuse holder B
- SB31 Fuse 31 on fuse holder B
- T3af 3-pin connector, black
- T3ce 3-pin connector, black
- T4du 4-pin connector, black
- T8 8-pin connector, black
- T17 17-pin connector, on lower section of left A-pillar, blue
- T26d 26-pin connector, black
- V188 Charge air cooling pump
- V508 Coolant circulation pump before power and control electronics for electric drive

D113 Connection 11 in engine compartment wiring harness

- * For models with hybrid drive system
- *2 For models with diesel engine
- *3 see applicable current flow diagram for engine
- *4 According to equipment
- *5 For models with petrol engine
- *6 For models with 1.5l petrol engine

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- ro = red
- rt = red
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- gn = green
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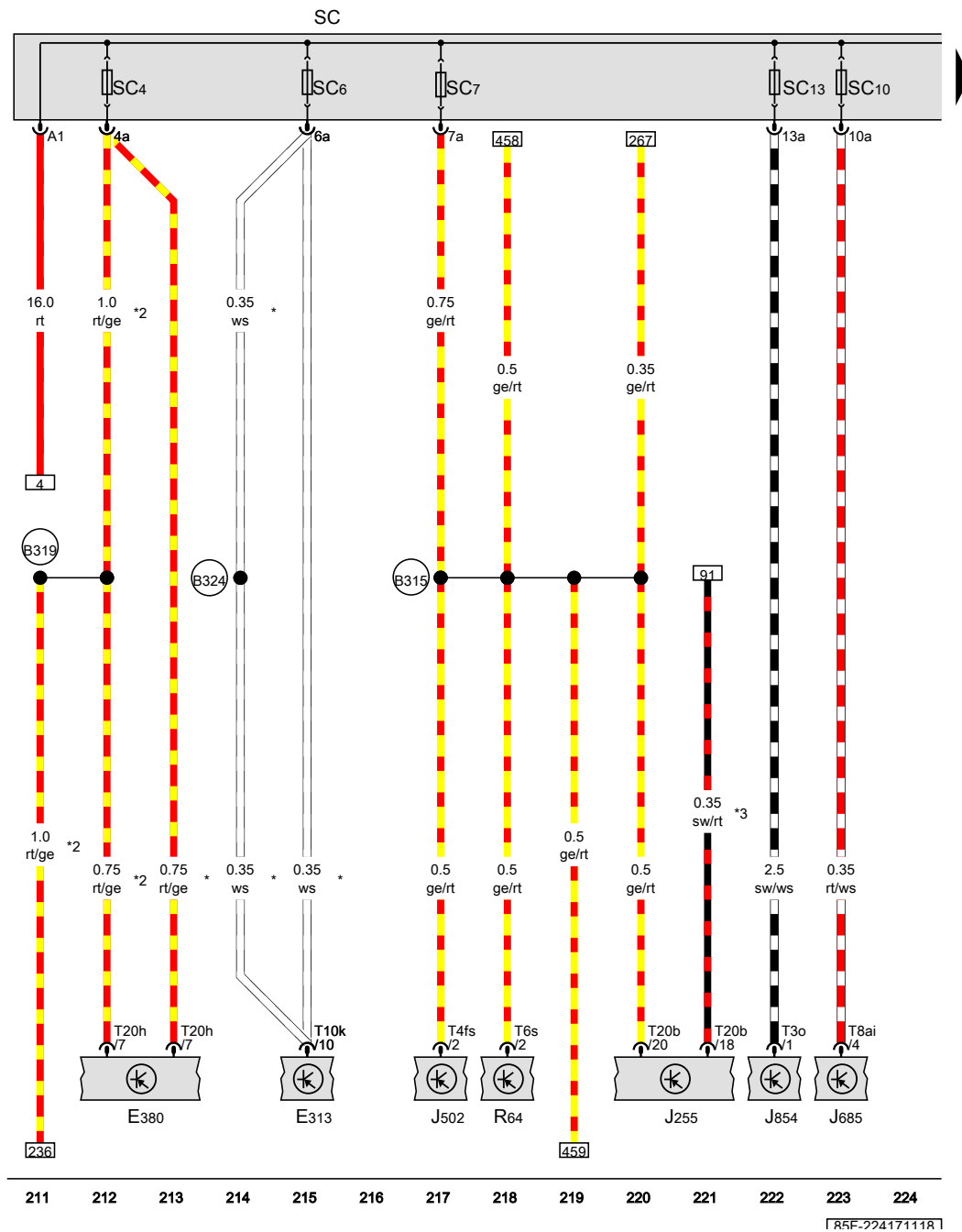
Fuse 10 on fuse holder B, Fuse 21 on fuse holder B

- J217 Automatic gearbox control unit
- J538 Fuel pump control unit
- J743 Mechatronic unit for dual clutch gearbox
- SB10 Fuse 10 on fuse holder B
- SB21 Fuse 21 on fuse holder B
- T2aq 2-pin connector, black
- T3 3-pin connector, black
- T5c 5-pin connector, black
- T6e 6-pin connector, black
- T10av 10-pin connector, in rear right interior wiring harness, near tank filler neck, black
- T16r 16-pin connector, black
- T17c 17-pin connector, on lower section of left A-pillar, red
- T20e 20-pin connector, black
- T25 25-pin connector, black
- T81 81-pin connector, black
- D104 Positive connection 2 (30a), in engine compartment wiring harness
- D188 Positive connection 3 (30a), in engine compartment wiring harness
- U18 Positive connection (30a), in automatic gearbox wiring harness
- * see applicable current flow diagram for dual clutch gearbox
- *2 For models with auxiliary heating
- *3 According to equipment
- *4 For models with diesel engine
- *5 For models with petrol engine
- *6 For models with natural gas engine
- *7 For models with no auxiliary heater
- *8 For models with hybrid drive system
- *9 From November 2018

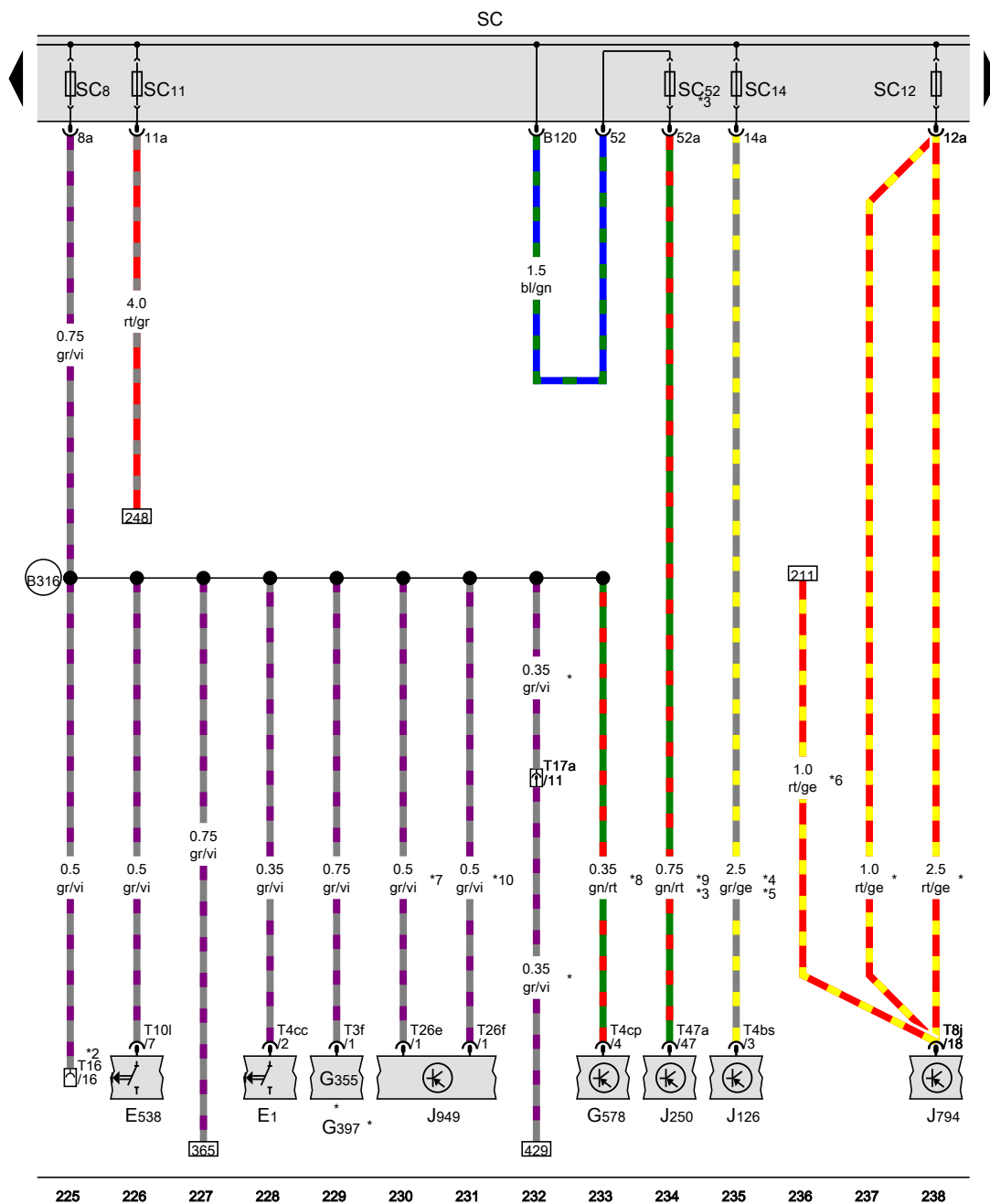
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Fuse holder C

- E313 Selector lever
- E380 Multimedia system operating unit
- J255 Climatronic control unit
- J502 Tyre Pressure Monitoring System control unit
- J685 Display unit for front information display and operating unit control unit
- J854 Control unit for front left belt tensioner
- R64 Remote control receiver for auxiliary heater
- SC Fuse holder C
- SC4 Fuse 4 on fuse holder C
- SC6 Fuse 6 on fuse holder C
- SC7 Fuse 7 on fuse holder C
- SC10 Fuse 10 on fuse holder C
- SC13 Fuse 13 on fuse holder C
- T3o 3-pin connector, black
- T4fs 4-pin connector, grey
- T6s 6-pin connector, colourless
- T8ai 8-pin connector, black
- T10k 10-pin connector, black
- T20b 20-pin connector
- T20h 20-pin connector, red
- B315 Positive connection 1 (30a) in main wiring harness
- B319 Positive connection 5 (30a) in main wiring harness
- B324 Positive connection 10 (30a) in main wiring harness
- * According to equipment
- *2 For models with Bang & Olufsen sound system
- *3 For models with hybrid drive system



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 ro = red
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 br = brown
 gn = green
 bl = blue
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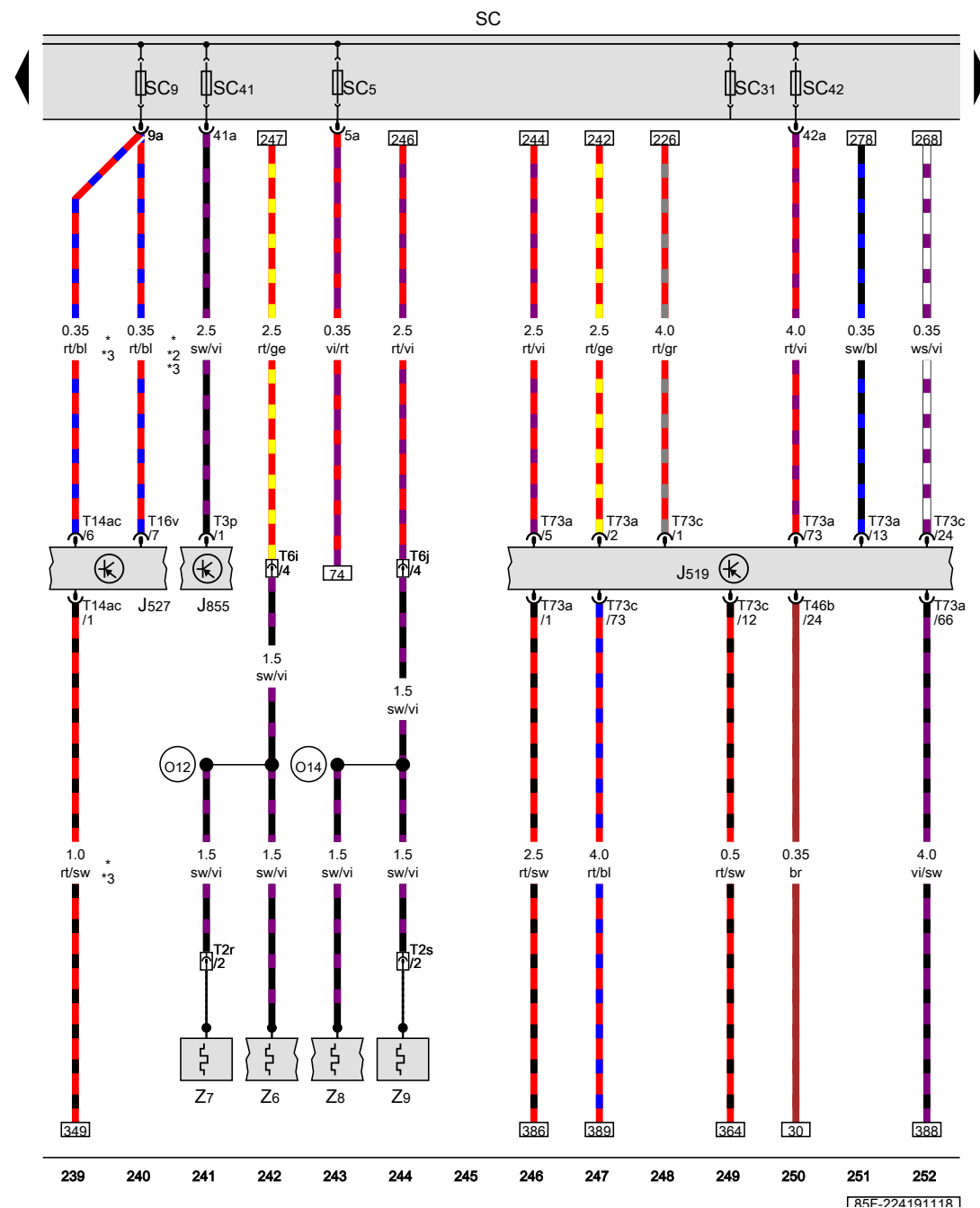
Fuse holder C

- E1 Light switch
- E538 Electromechanical parking brake button
- G355 Humidity sender
- G397 Rain and light sensor
- G578 Anti-theft alarm sensor
- J126 Fresh air blower control unit
- J250 Electronically controlled damping control unit
- J794 Control unit 1 for information electronics
- J949 Emergency call module control unit and communication unit
- SC Fuse holder C
- SC8 Fuse 8 on fuse holder C
- SC11 Fuse 11 on fuse holder C
- SC12 Fuse 12 on fuse holder C
- SC14 Fuse 14 on fuse holder C
- SC52 Fuse 52 on fuse holder C
- T3f 3-pin connector, black
- T4bs 4-pin connector, black
- T4cc 4-pin connector, black
- T4cp 4-pin connector
- T8j 8-pin connector, black
- T10l 10-pin connector, black
- T16 16-pin connector, black
- T17a 17-pin connector, on lower section of left A-pillar, black
- T26e 26-pin connector, black
- T26f 26-pin connector, black
- T47a 47-pin connector, black

B316 Positive connection 2 (30a) in main wiring harness

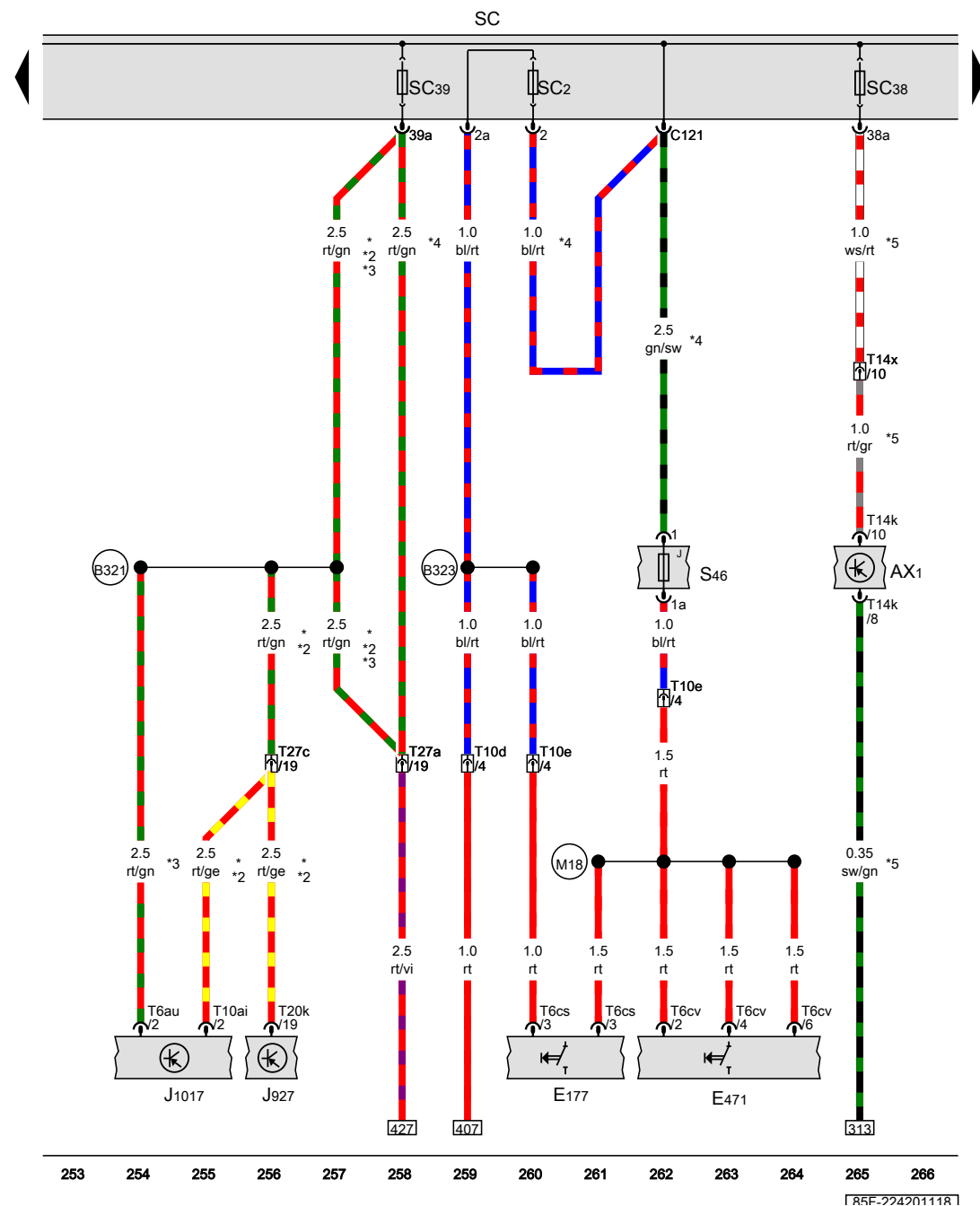
- * According to equipment
- *2 Diagnostic connection
- *3 Fuse rating depends on equipment, see fitting locations
- *4 Different wire colour possible
- *5 Cross-section 4.0 possible
- *6 For models with Bang & Olufsen sound system
- *7 For models with hybrid drive system
- *8 If fitted
- *9 Cross section depends on equipment
- *10 For models with no hybrid drive system

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



Fuse holder C

- J519 Onboard supply control unit
- J527 Steering column electronics control unit
- J855 Control unit for front right belt tensioner
- SC Fuse holder C
- SC5 Fuse 5 on fuse holder C
- SC9 Fuse 9 on fuse holder C
- SC31 Fuse 31 on fuse holder C
- SC41 Fuse 41 on fuse holder C
- SC42 Fuse 42 on fuse holder C
- T2r 2-pin connector, black
- T2s 2-pin connector, black
- T3p 3-pin connector, black
- T6i 6-pin connector, in coupling point for front seat, left, green
- T6j 6-pin connector, in coupling point for front seat, right
- T14ac 14-pin connector, black
- T16v 16-pin connector, black
- T46b 46-pin connector, black
- T73a 73-pin connector, black
- T73c 73-pin connector, black
- Z6 Heated seat cushion for driver seat
- Z7 Heated backrest for driver seat
- Z8 Heated seat cushion for front passenger seat
- Z9 Heated backrest for front passenger seat
- O12 Connection 1, in seat heating wiring harness
- O14 Connection 3, in seat heating wiring harness
- * According to equipment
- *2 For models with no heated steering wheel
- *3 see applicable current flow diagram for steering column electronics



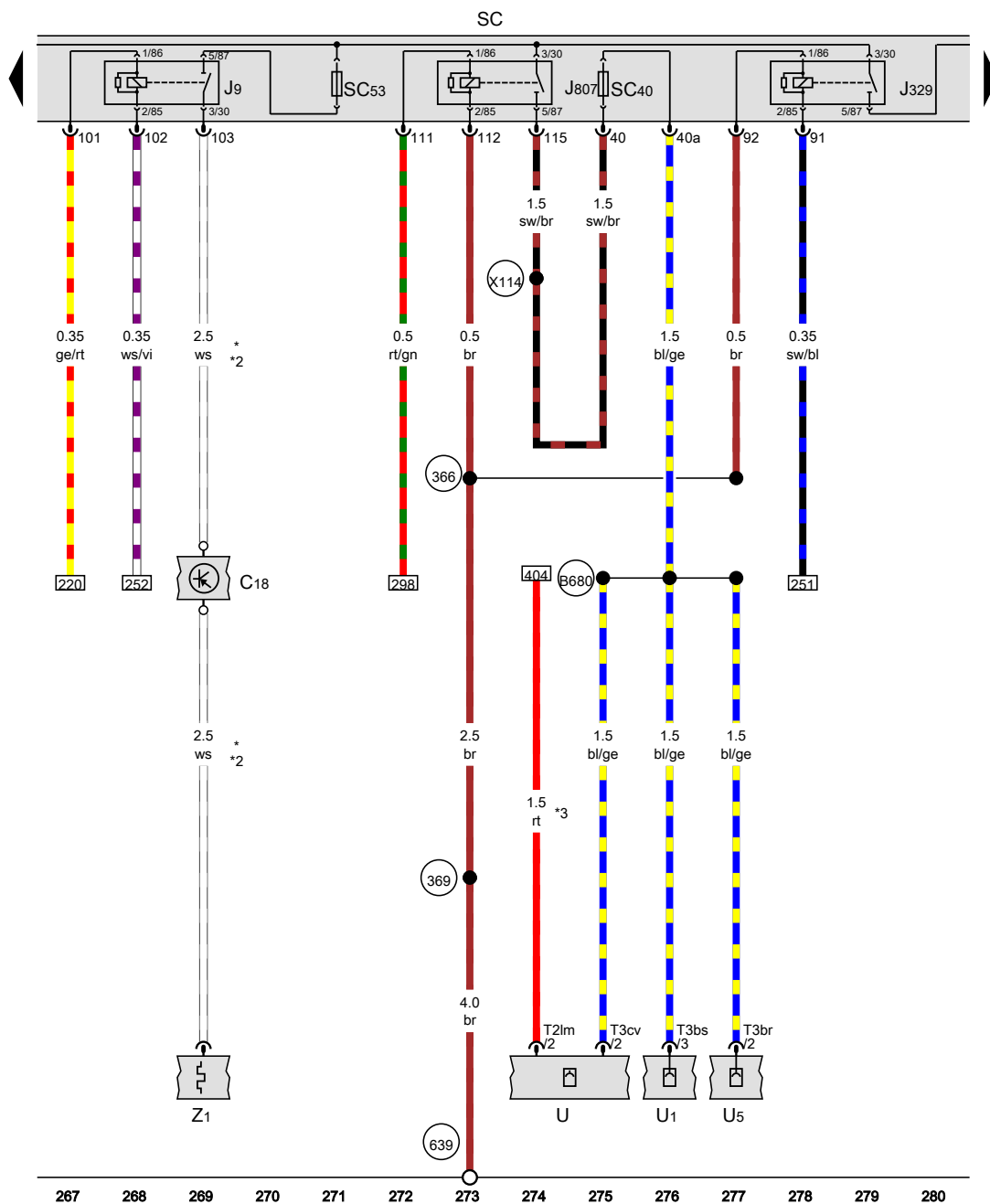
Fuse holder C, Front passenger seat adjustment thermal fuse 1

- AX1 Hybrid battery unit
- E177 Front passenger seat lumbar support adjustment switch
- E471 Front passenger seat adjustment operating unit
- J927 Rear passenger side door control unit
- J1017 Control unit with rear passenger side window regulator motor
- SC Fuse holder C
- SC2 Fuse 2 on fuse holder C
- SC38 Fuse 38 on fuse holder C
- SC39 Fuse 39 on fuse holder C
- S46 Front passenger seat adjustment thermal fuse 1
- T6au 6-pin connector, black
- T6cs 6-pin connector, white
- T6cv 6-pin connector, black
- T10ai 10-pin connector, black
- T10d 10-pin connector, in coupling point for front seat, left, red
- T10e 10-pin connector, in coupling point for front seat, right, red
- T14k 14-pin connector, black
- T14x 14-pin connector, on fuel gauge sender, black
- T20k 20-pin connector
- T27a 27-pin connector, on right A-pillar, black
- T27c 27-pin connector, on right B-pillar, black

- B321 Positive connection 7 (30a) in main wiring harness
- B323 Positive connection 9 (30a) in main wiring harness
- M18 Connection 1, in front passenger seat adjustment wiring harness

- * For models with 5 doors
- *2 For models with 4 doors
- *3 For Cabriolet models
- *4 According to equipment
- *5 For models with hybrid drive system

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Heated rear window relay, Terminal 15 voltage supply relay, Relay for power sockets, Fuse holder C

- C18 Window aerial suppression filter
- J9 Heated rear window relay
- J329 Terminal 15 voltage supply relay
- J807 Relay for power sockets
- SC Fuse holder C
- SC40 Fuse 40 on fuse holder C
- SC53 Fuse 53 on fuse holder C
- T2lm 2-pin connector
- T3br 3-pin connector, black
- T3bs 3-pin connector, black
- T3cv 3-pin connector, black
- U Electric socket
- U1 Cigarette lighter
- U5 12 V socket
- Z1 Heated rear window

366 Earth connection 1, in main wiring harness

369 Earth connection 4, in main wiring harness

639 Earth point, left A-pillar

B680 Connection (electric socket), in interior wiring harness

X114 Connection (electrical socket), in optional equipment wiring harness

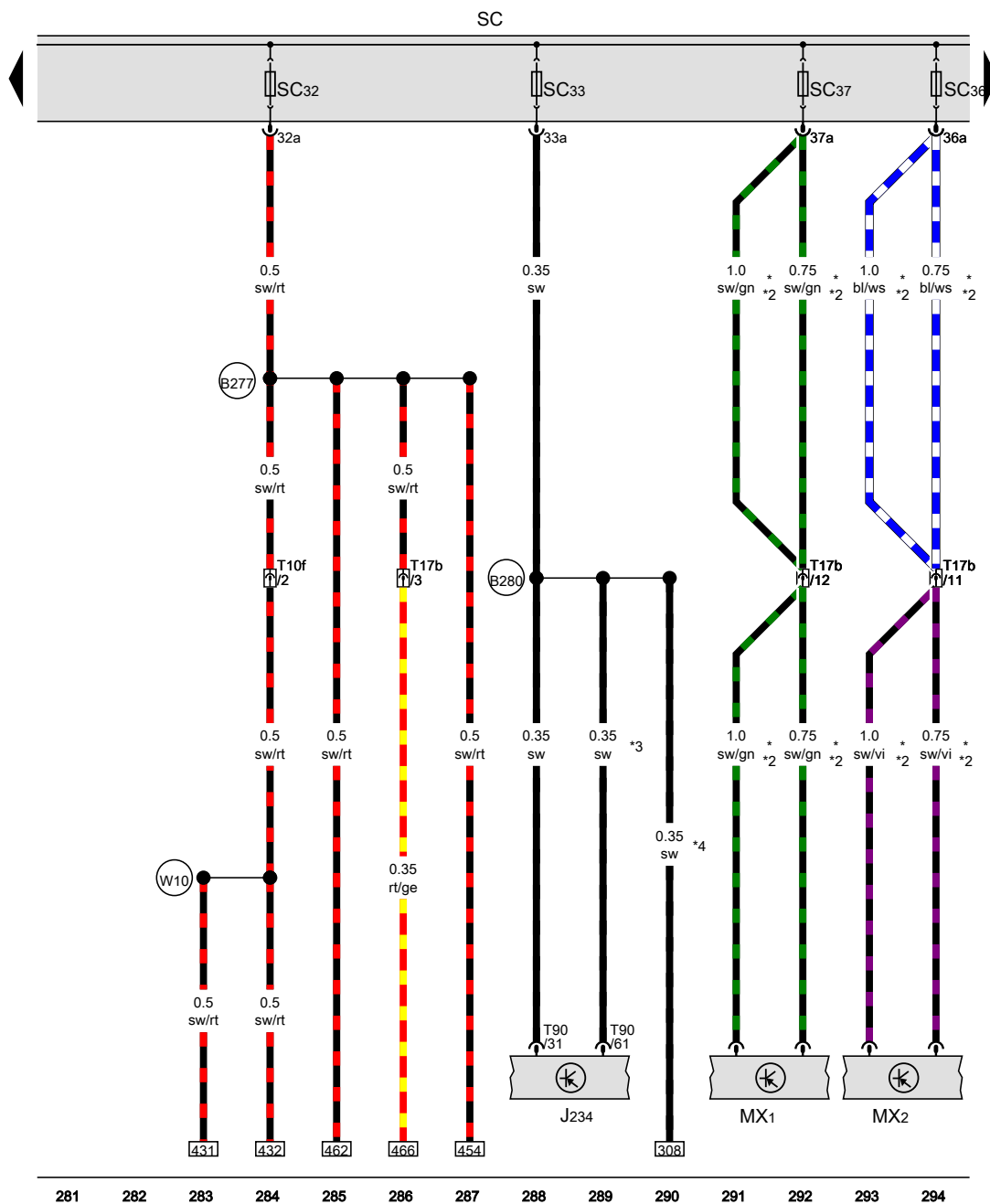
* Cross section depends on equipment

*2 see applicable current flow diagram for basic equipment

*3 see applicable current flow diagram for special purpose vehicles

- ws = white
- sw = black
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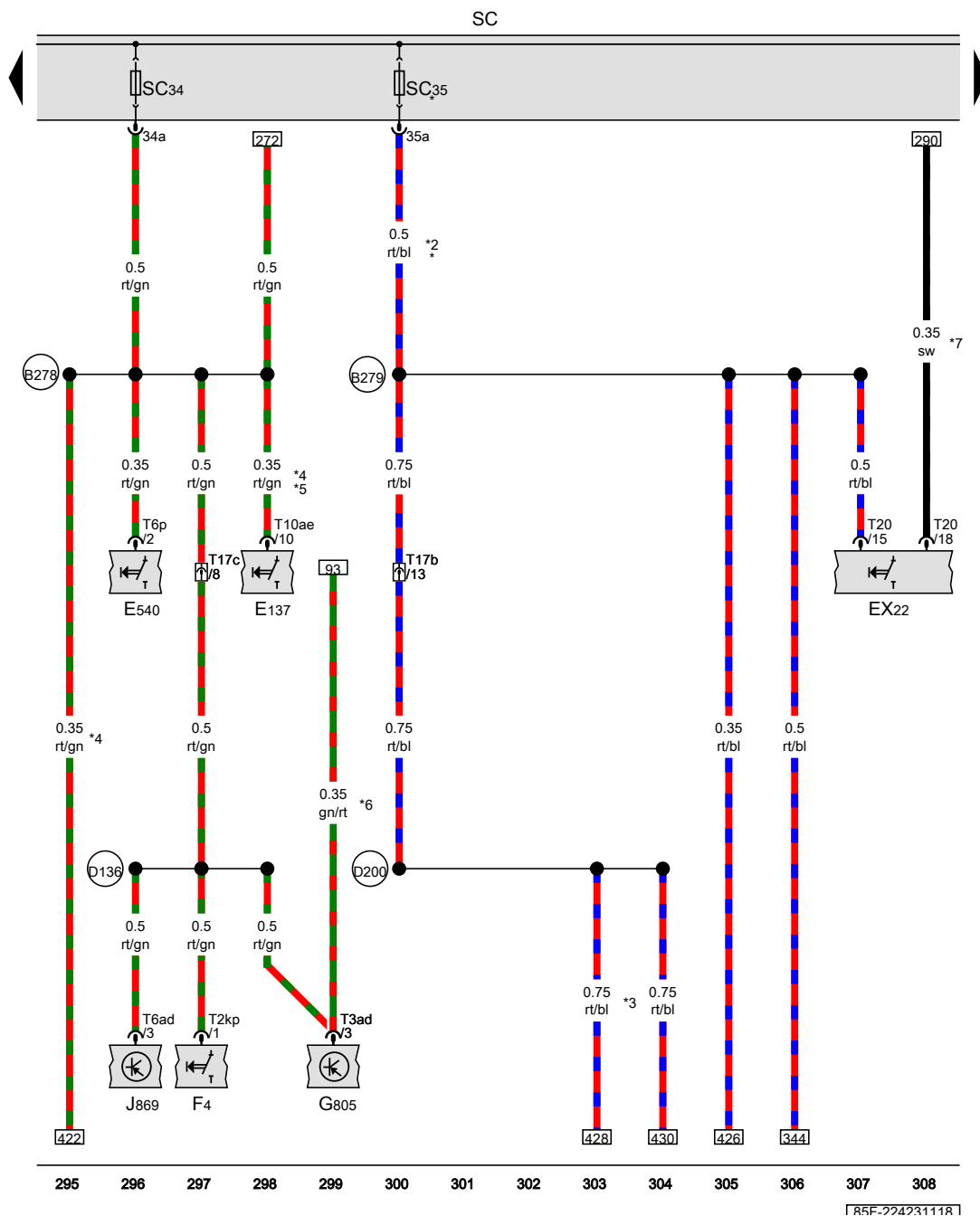


Airbag control unit, Fuse holder C

- J234 Airbag control unit
- MX1 Front left headlight
- MX2 Front right headlight
- SC Fuse holder C
- SC32 Fuse 32 on fuse holder C
- SC33 Fuse 33 on fuse holder C
- SC36 Fuse 36 on fuse holder C
- SC37 Fuse 37 on fuse holder C
- T10f 10-pin connector, in rear bumper, black
- T17b 17-pin connector, on lower section of left A-pillar, brown
- T90 90-pin connector, yellow

- B277 Positive connection 1 (15a) in main wiring harness
- B280 Positive connection 4 (15a) in main wiring harness
- W10 Positive connection (15), in interior light wiring harness
- * According to equipment
- *2 see applicable current flow diagram for headlights
- *3 Different wire colour possible
- *4 see applicable current flow diagram for airbag

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 bl = blue
 gr = grey
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 vi = purple
 ge = yellow
 or = orange
 rs = pink



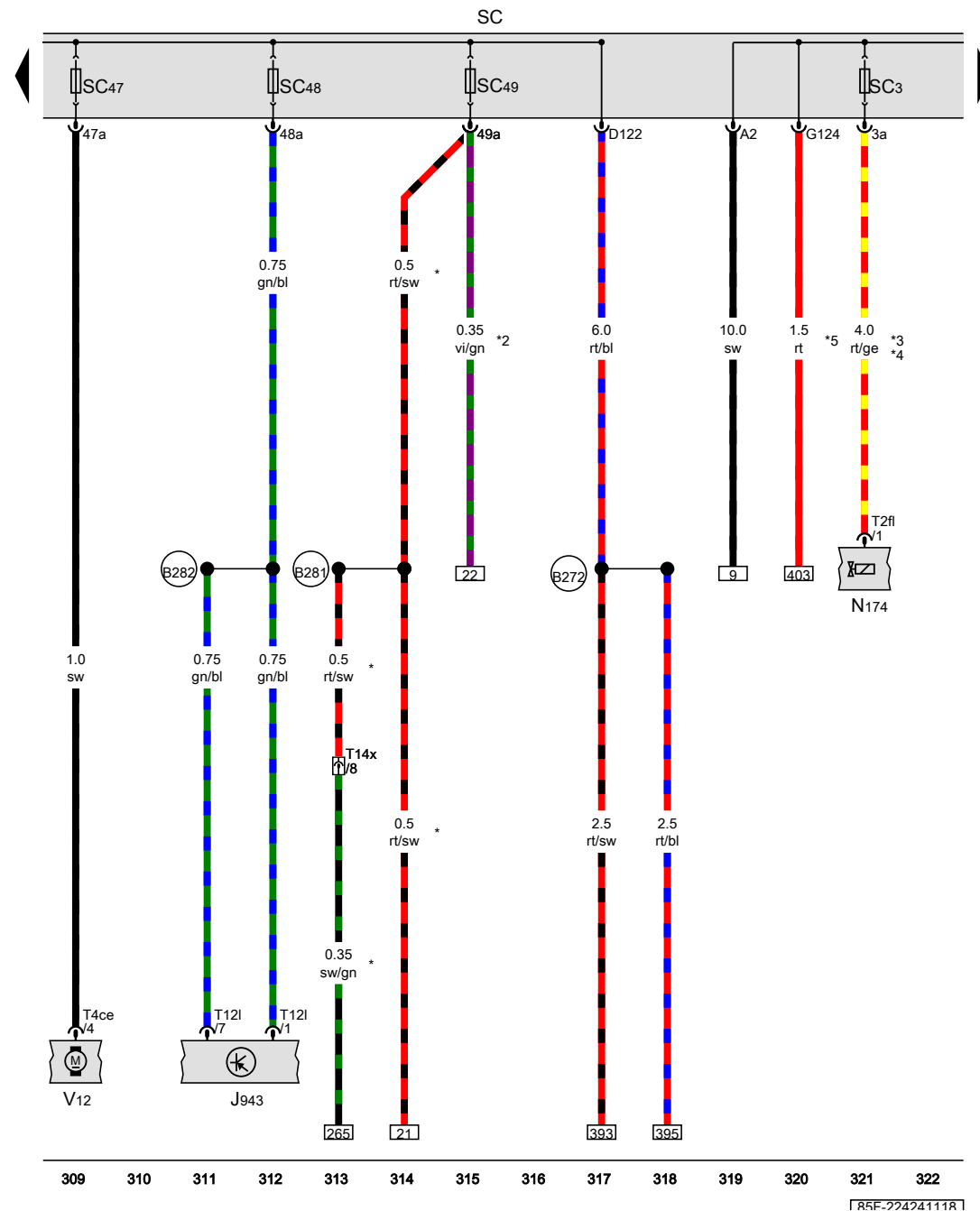
Fuse holder C

- EX22 Centre switch module in dash panel
- E137 Convertible roof actuation button
- E540 Auto-hold button
- F4 Reversing light switch
- G805 Pressure sender for refrigerant circuit
- J869 Control unit for structure-borne sound
- SC Fuse holder C
- SC34 Fuse 34 on fuse holder C
- SC35 Fuse 35 on fuse holder C
- T2kp 2-pin connector, black
- T3ad 3-pin connector, black
- T6ad 6-pin connector, black
- T6p 6-pin connector, red
- T10ae 10-pin connector, red
- T17b 17-pin connector, on lower section of left A-pillar, brown
- T17c 17-pin connector, on lower section of left A-pillar, red
- T20 20-pin connector, red

- B278 Positive connection 2 (15a) in main wiring harness
- B279 Positive connection 3 (15a) in main wiring harness
- D136 Positive connection 2 (15a), in engine compartment wiring harness
- D200 Positive connection 3 (15a), in engine compartment wiring harness

- * Fuse rating depends on equipment, see fitting locations
- *2 Cross section depends on equipment
- *3 According to equipment
- *4 For Cabriolet models
- *5 see applicable current flow diagram for convertible roof
- *6 For models with hybrid drive system
- *7 see applicable current flow diagram for airbag

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Fuse holder C

- J943 Engine sound generator control unit
- N174 Hydraulic actuator
- SC Fuse holder C
- SC3 Fuse 3 on fuse holder C
- SC47 Fuse 47 on fuse holder C
- SC48 Fuse 48 on fuse holder C
- SC49 Fuse 49 on fuse holder C
- T2fl 2-pin connector, black
- T4ce 4-pin connector, black
- T12l 12-pin connector, black
- T14x 14-pin connector, on fuel gauge sender, black
- V12 Rear window wiper motor

B272 Positive connection (30), in main wiring harness

B281 Positive connection 5 (15a) in main wiring harness

B282 Positive connection 6 (15a) in main wiring harness

* For models with hybrid drive system

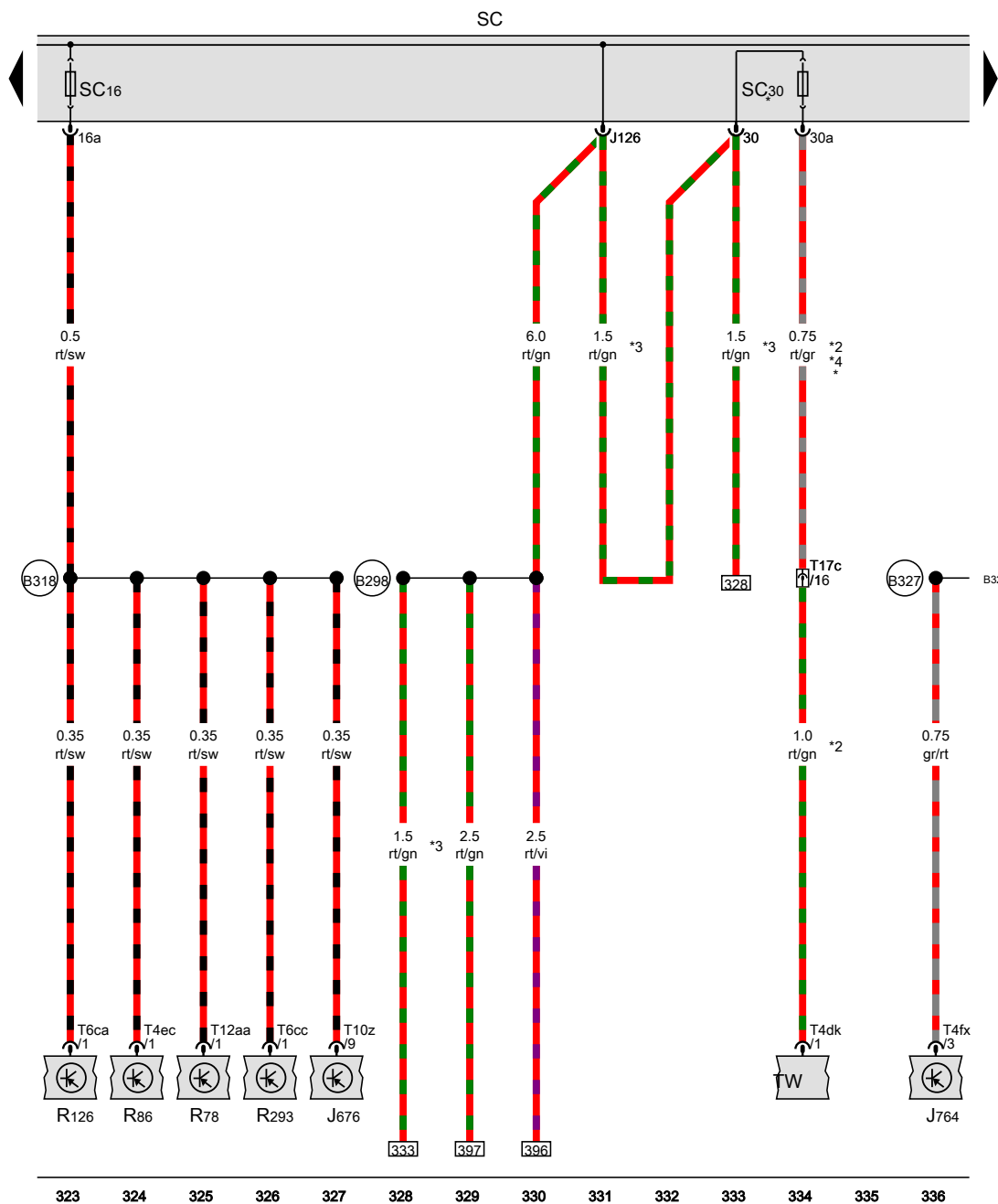
*2 For models with no hybrid drive system

*3 For Cabriolet models

*4 see applicable current flow diagram for convertible roof

*5 see applicable current flow diagram for special purpose vehicles

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Fuse holder C

- J676 Chip card reader control unit
- J764 Control unit for electronic steering column lock
- R78 TV tuner
- R86 Aerial amplifier for mobile telephone
- R126 Telephone bracket
- R293 USB hub
- SC Fuse holder C
- SC16 Fuse 16 on fuse holder C
- SC30 Fuse 30 on fuse holder C
- T4dk 4-pin connector, green
- T4ec 4-pin connector, black
- T4fx 4-pin connector, black
- T6ca 6-pin connector, black
- T6cc 6-pin connector, black
- T10z 10-pin connector, black
- T12aa 12-pin connector, black
- T17c 17-pin connector, on lower section of left A-pillar, red
- TW Maintenance connector for high-voltage system

B298 Positive connection 2 (30), in main wiring harness

B318 Positive connection 4 (30a) in main wiring harness

B327 Positive connection 13 (30a) in main wiring harness

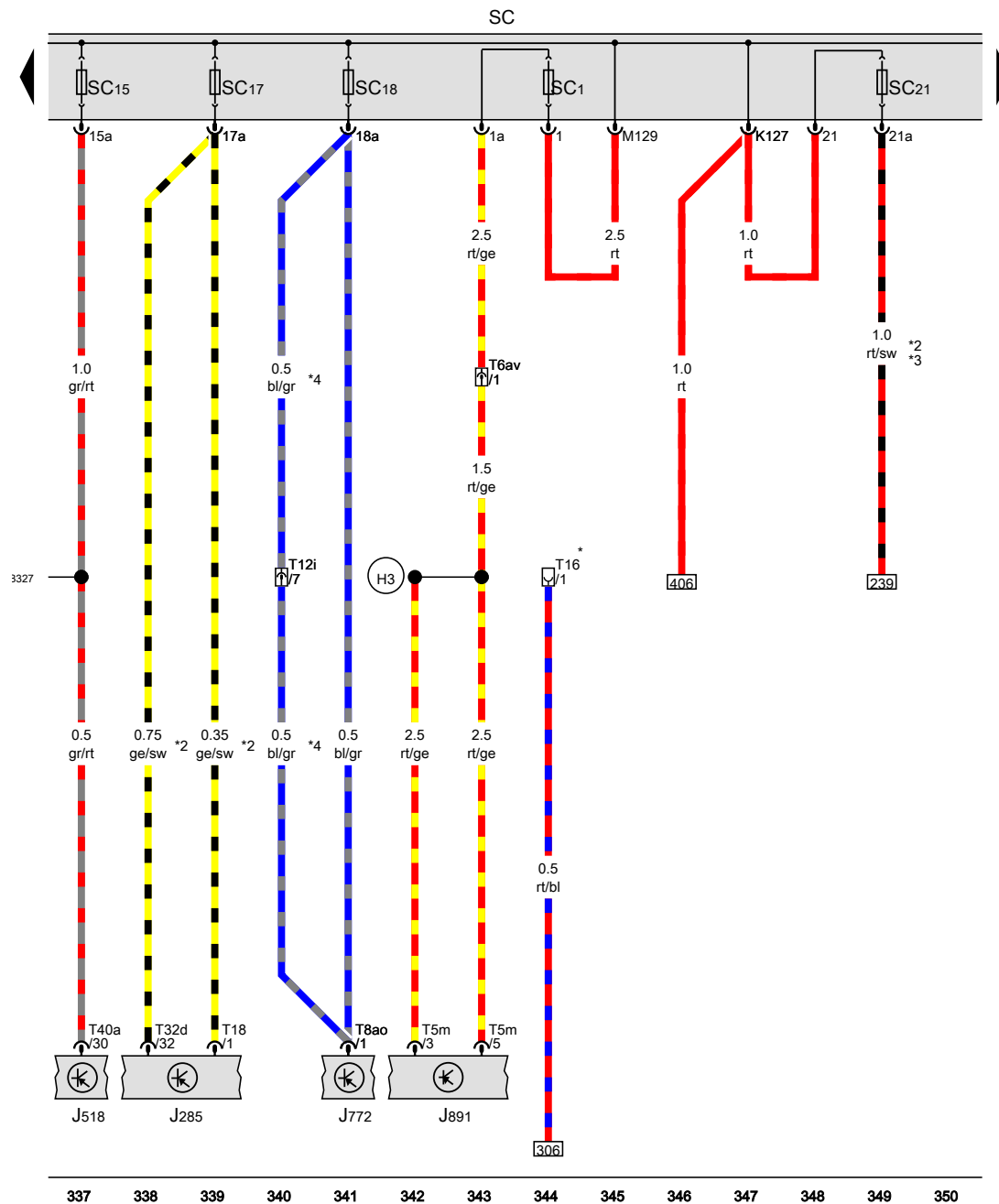
* Fuse rating depends on equipment, see fitting locations

*2 For models with hybrid drive system

*3 According to equipment

*4 Cross section depends on equipment

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Fuse holder C

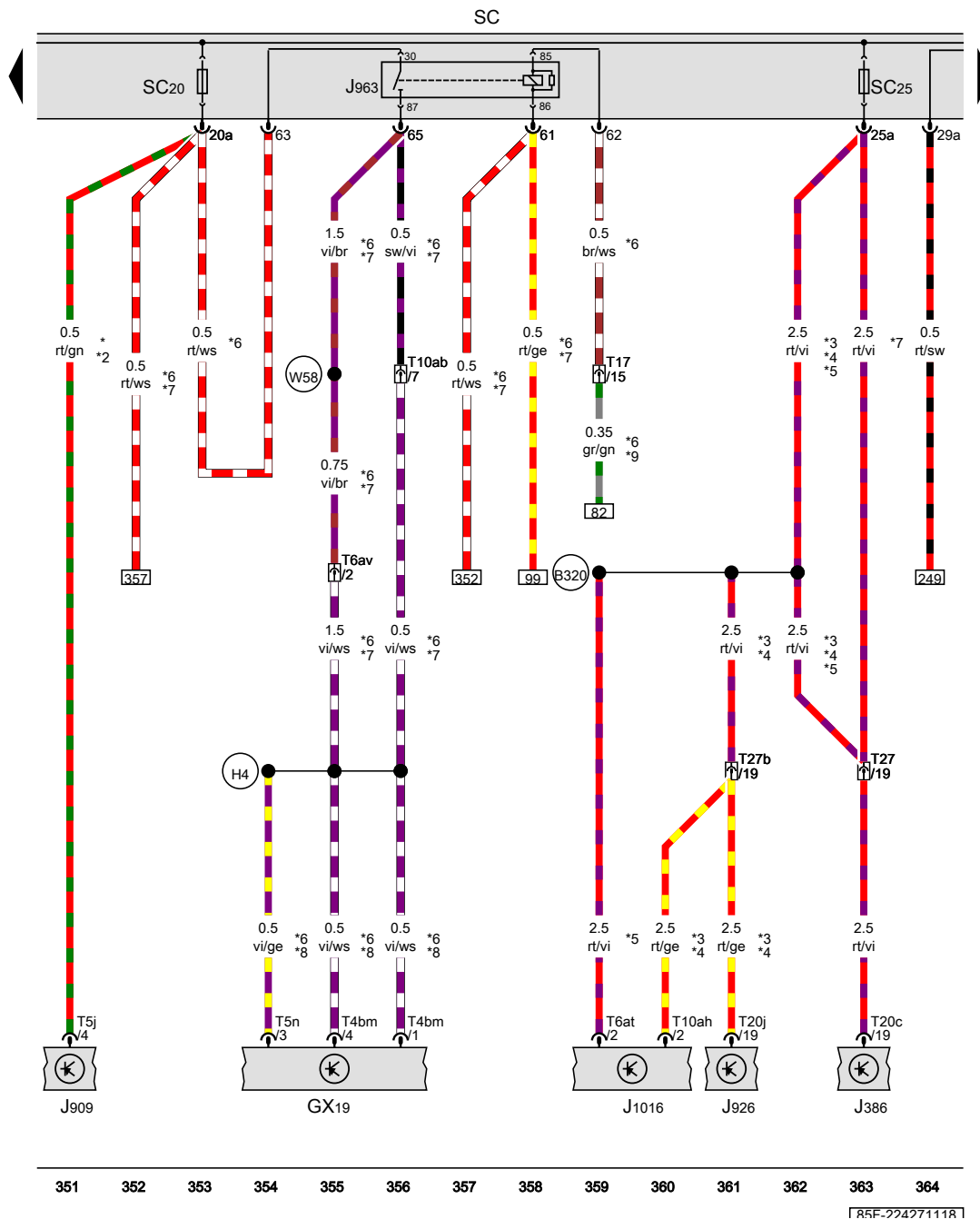
- J285 Control unit in dash panel insert
- J518 Entry and start authorisation control unit
- J772 Reversing camera system control unit
- J891 Control unit for reducing agent heater
- SC Fuse holder C
- SC1 Fuse 1 on fuse holder C
- SC15 Fuse 15 on fuse holder C
- SC17 Fuse 17 on fuse holder C
- SC18 Fuse 18 on fuse holder C
- SC21 Fuse 21 on fuse holder C
- T5m 5-pin connector, colourless
- T6av 6-pin connector, black
- T8ao 8-pin connector, black
- T12i 12-pin connector, black
- T16 16-pin connector, black
- T18 18-pin connector, black
- T32d 32-pin connector, grey
- T40a 40-pin connector, black

- B327 Positive connection 13 (30a) in main wiring harness
- H3 Connection 1 in wiring harness for reducing agent tank

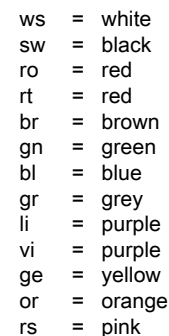
- * Diagnostic connection
- *2 According to equipment
- *3 see applicable current flow diagram for steering column electronics
- *4 For Cabriolet models

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- rt = red
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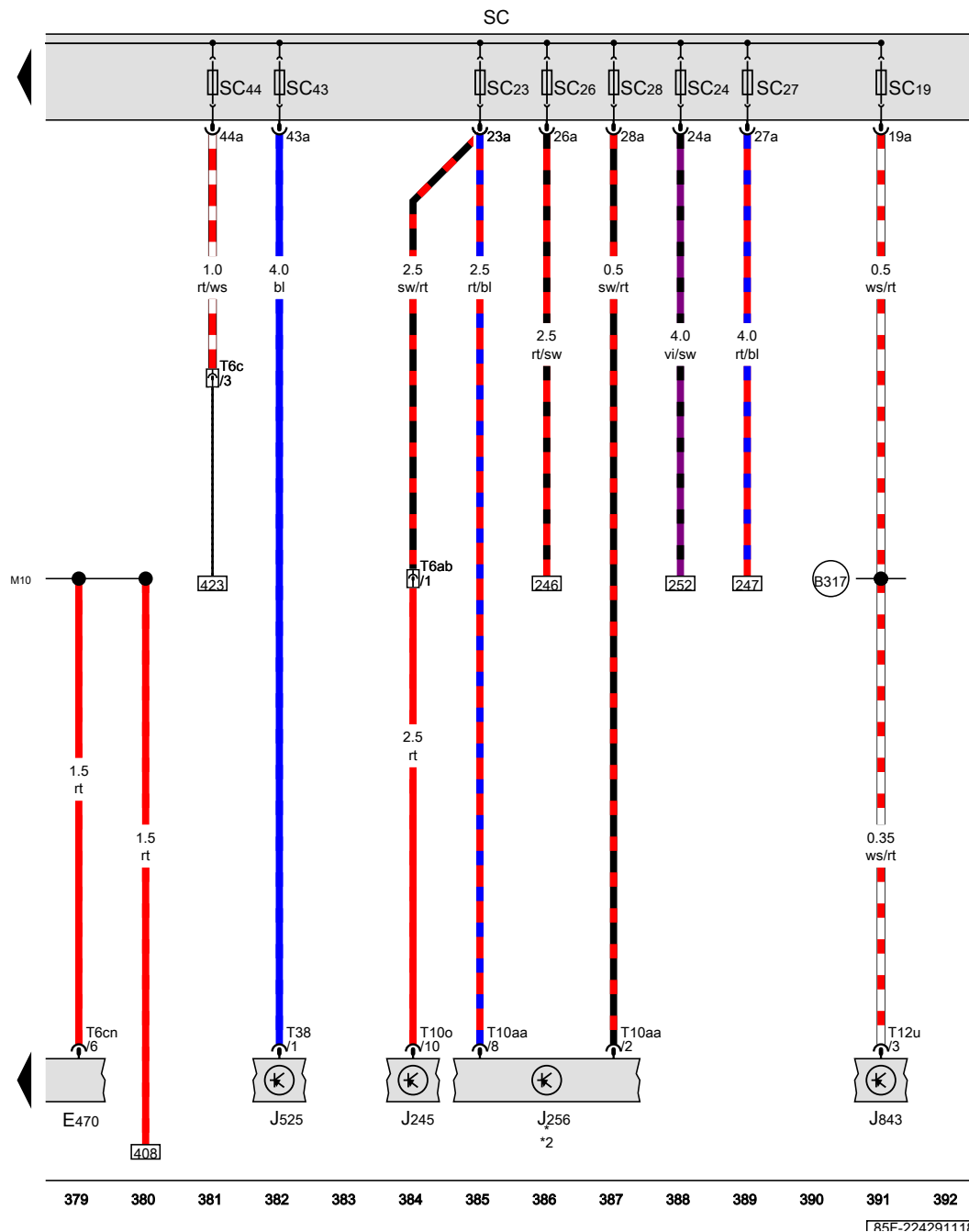
Relay for reducing agent metering system, Fuse holder C



- GX19 Delivery unit for reducing agent metering system
- J386 Driver door control unit
- J909 Control unit for fuel tank leak detection
- J926 Rear driver side door control unit
- J963 Relay for reducing agent metering system
- J1016 Control unit with rear driver side window regulator motor
- SC Fuse holder C
- SC20 Fuse 20 on fuse holder C
- SC25 Fuse 25 on fuse holder C
- T4bm 4-pin connector, black
- T5j 5-pin connector, black
- T5n 5-pin connector, black
- T6at 6-pin connector, black
- T6av 6-pin connector, black
- T10ab 10-pin connector, black
- T10ah 10-pin connector, black
- T17 17-pin connector, on lower section of left A-pillar, blue
- T20c 20-pin connector
- T20j 20-pin connector
- T27 27-pin connector, on left A-pillar, black
- T27b 27-pin connector, on left B-pillar, black
- B320 Positive connection 6 (30a) in main wiring harness
- H4 Connection 2 in wiring harness for reducing agent tank
- W58 Connection (87), in rear wiring harness
- * For models with petrol engine
- *2 Pre-wired component
- *3 For models with 5 doors
- *4 For models with 4 doors
- *5 For Cabriolet models
- *6 For models with diesel engine
- *7 According to equipment
- *8 For models with US equipment
- *9 see applicable current flow diagram for engine



E26	Glove compartment light switch
E470	Driver seat adjustment operating unit
F147	Driver vanity mirror contact switch
F148	Front passenger vanity mirror contact switch
SC	Fuse holder C
SC29	Fuse 29 on fuse holder C
SC45	Fuse 45 on fuse holder C
T2ao	2-pin connector
T2ap	2-pin connector, brown
T2kd	2-pin connector
T2me	2-pin connector, black
T2mf	2-pin connector, black
T3au	3-pin connector, black
T6	6-pin connector, black
T6cn	6-pin connector, black
T6d	6-pin connector, black
T10d	10-pin connector, in coupling point for front seat, left, red
WX3	Front roof module
W18	Left luggage compartment light
W35	Right luggage compartment light
B467	Connection 3, in main wiring harness
B468	Connection 4, in main wiring harness
M10	Connection 1, in driver seat adjustment wiring harness
*	see applicable current flow diagram for special purpose vehicles
*2	According to equipment



Fuse holder C

- E470 Driver seat adjustment operating unit
- J245 Sliding sunroof adjustment control unit
- J256 Convertible roof actuation control unit
- J525 Digital sound package control unit
- J843 Interface control unit for vehicle location system
- SC Fuse holder C
- SC19 Fuse 19 on fuse holder C
- SC23 Fuse 23 on fuse holder C
- SC24 Fuse 24 on fuse holder C
- SC26 Fuse 26 on fuse holder C
- SC27 Fuse 27 on fuse holder C
- SC28 Fuse 28 on fuse holder C
- SC43 Fuse 43 on fuse holder C
- SC44 Fuse 44 on fuse holder C
- T6ab 6-pin connector, black
- T6c 6-pin connector, black
- T6cn 6-pin connector, black
- T10aa 10-pin connector, black
- T10o 10-pin connector
- T12u 12-pin connector, brown
- T38 38-pin connector, black

B317 Positive connection 3 (30a) in main wiring harness

M10 Connection 1, in driver seat adjustment wiring harness

* For Cabriolet models

*2 see applicable current flow diagram for convertible roof

Fuse holder D, Fuse holder F, Fuse holder H

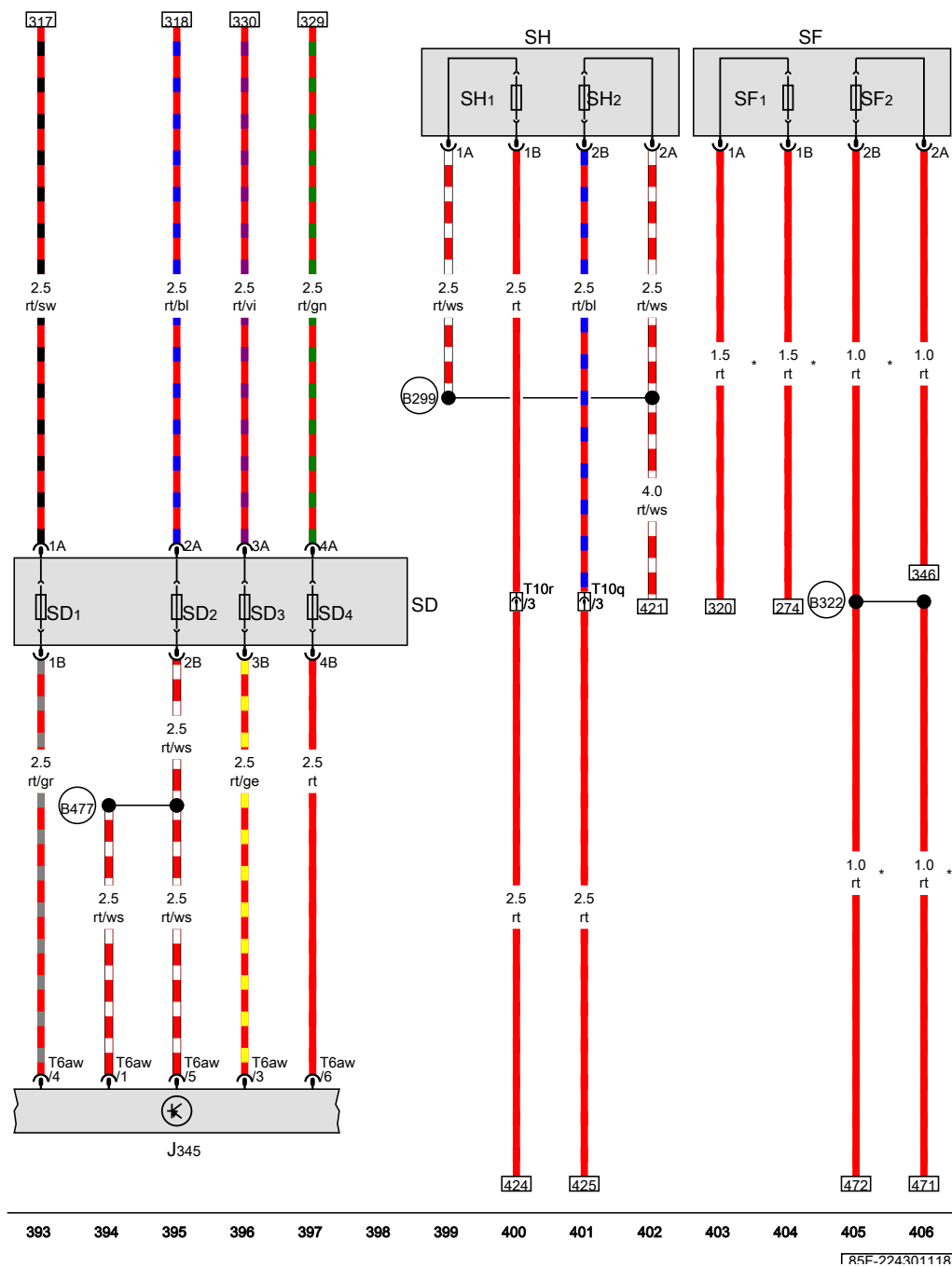
- J345 Trailer detector control unit
- SD Fuse holder D
- SD1 Fuse 1 on fuse holder D
- SF1 Fuse 1 in fuse holder F
- SD2 Fuse 2 on fuse holder D
- SF2 Fuse 2 in fuse holder F
- SD3 Fuse 3 on fuse holder D
- SD4 Fuse 4 on fuse holder D
- SF Fuse holder F
- SH Fuse holder H
- SH1 Fuse 1 in fuse holder H
- SH2 Fuse 2 in fuse holder H
- T6aw 6-pin connector, black
- T10q 10-pin connector, black
- T10r 10-pin connector, black

B299 Positive connection 3 (30), in main wiring harness

B322 Positive connection 8 (30a) in main wiring harness

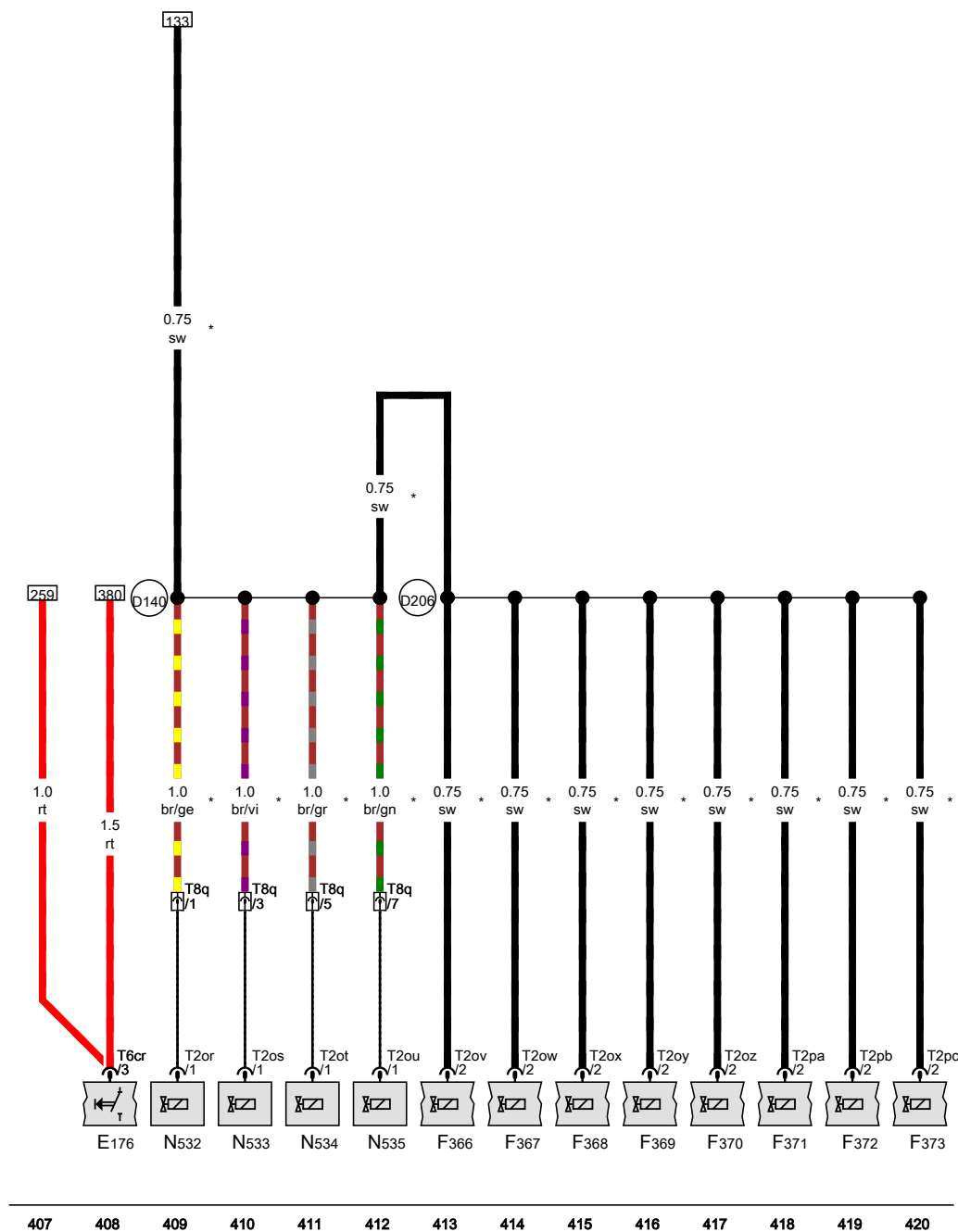
B477 Connection 13, in main wiring harness

* see applicable current flow diagram for special purpose vehicles



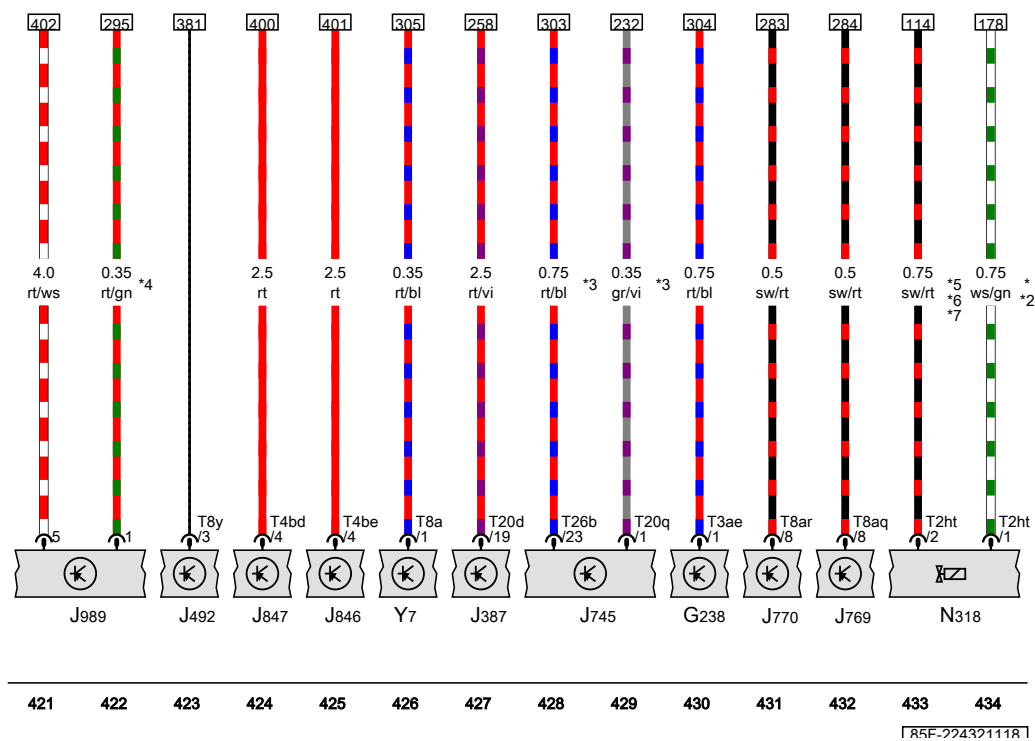
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ws = white
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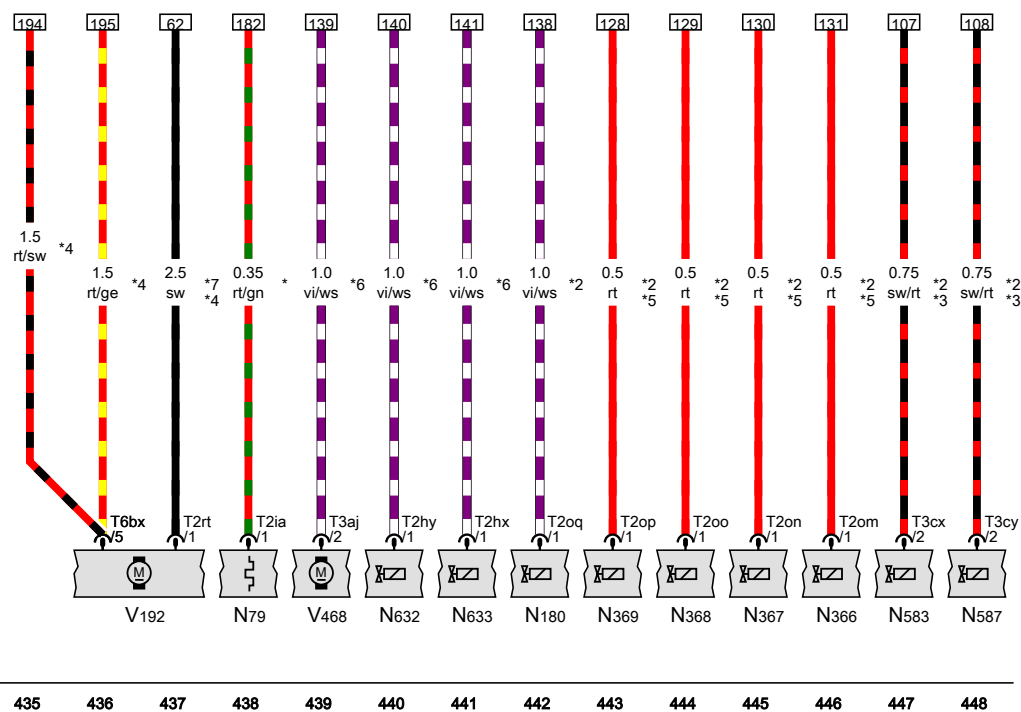
Control unit for cornering light and headlight range control,
Control unit for left neck heating, Control unit for right neck heating,
Relay for neck heating, Exhaust camshaft control valve 1

- G238 Air quality sensor
- J387 Front passenger door control unit
- J492 All-wheel drive control unit
- J745 Control unit for cornering light and headlight range control
- J769 Lane change assist control unit
- J770 Lane change assist control unit 2
- J846 Control unit for left neck heating
- J847 Control unit for right neck heating
- J989 Relay for neck heating
- N318 Exhaust camshaft control valve 1
- T2ht 2-pin connector, black
- T3ae 3-pin connector, brown
- T4bd 4-pin connector
- T4be 4-pin connector
- T8a 8-pin connector, black
- T8aq 8-pin connector
- T8ar 8-pin connector
- T8y 8-pin connector
- T20d 20-pin connector, black
- T20q 20-pin connector, brown
- T26b 26-pin connector, white
- Y7 Automatic anti-dazzle interior mirror
- * For models with 2.0l petrol engine
- *2 Different wire colour possible
- *3 According to equipment
- *4 For Cabriolet models
- *5 For models with 1.0l petrol engine
- *6 For models with 1.4l engine
- *7 For models with 1.5l petrol engine



Heater element for crankcase breather, Vacuum pump for brakes, Coolant pump for low-temperature circuit

- N79 Heater element for crankcase breather
- N180 Changeover valve
- N366 Gas injection valve 1
- N367 Gas injection valve 2
- N368 Gas injection valve 3
- N369 Gas injection valve 4
- N583 Inlet cam actuator for cylinder 2
- N587 Exhaust cam actuator for cylinder 2
- N632 Coolant changeover valve 1
- N633 Coolant changeover valve 2
- T2hx 2-pin connector, black
- T2hy 2-pin connector, black
- T2ia 2-pin connector, black
- T2om 2-pin connector
- T2on 2-pin connector, black
- T2oo 2-pin connector, black
- T2op 2-pin connector, black
- T2oq 2-pin connector, black
- T2rt 2-pin connector, black
- T3aj 3-pin connector, black
- T3cx 3-pin connector, black
- T3cy 3-pin connector
- T6bx 6-pin connector, black
- V192 Vacuum pump for brakes
- V468 Coolant pump for low-temperature circuit
- * For models with diesel engine
- *2 For models with 1.4l engine
- *3 For models with 1.5l petrol engine
- *4 According to equipment
- *5 For models with natural gas engine
- *6 For models with hybrid drive system
- *7 For models with petrol engine

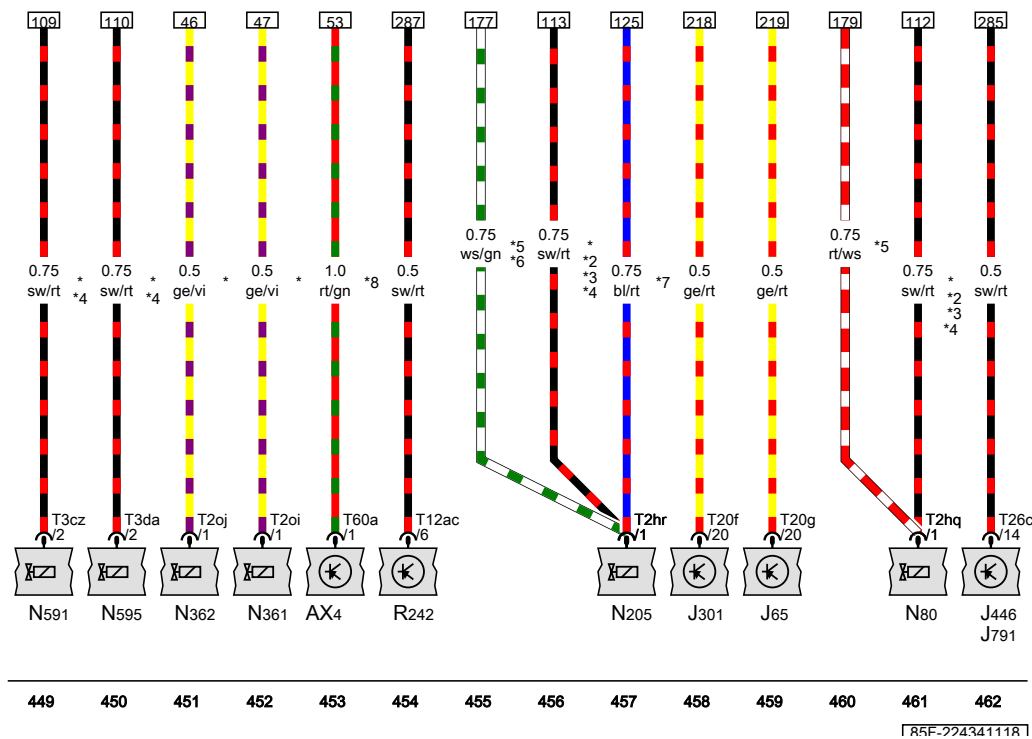


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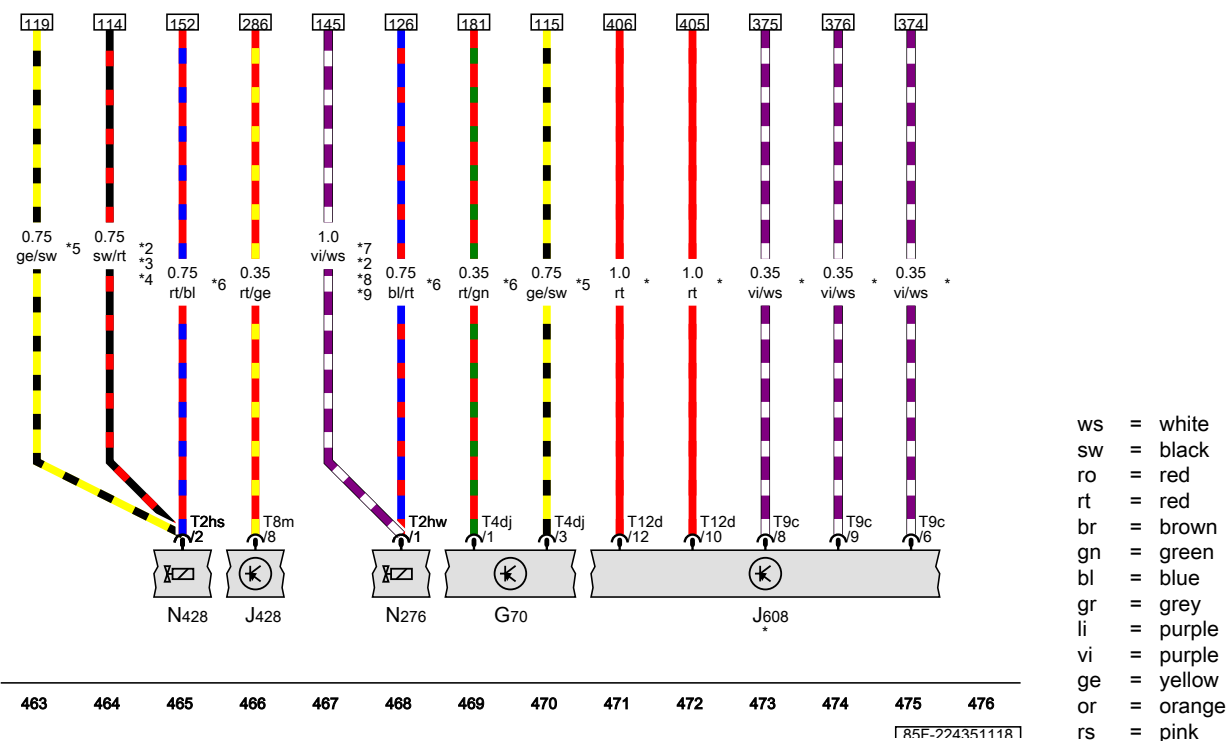
Charging unit 1 for high-voltage battery, Heater control unit, Air conditioning system control unit, Activated charcoal filter solenoid valve 1, Camshaft control valve 1

- AX4 Charging unit 1 for high-voltage battery
- J65 Heater control unit
- J301 Air conditioning system control unit
- J446 Parking aid control unit
- J791 Park assist steering control unit
- N80 Activated charcoal filter solenoid valve 1
- N205 Camshaft control valve 1
- N361 Fuel tank shut-off valve 1
- N362 Fuel tank shut-off valve 2
- N591 Inlet cam actuator for cylinder 3
- N595 Exhaust cam actuator for cylinder 3
- R242 Front camera for driver assist systems
- T2hq 2-pin connector, black
- T2hr 2-pin connector, black
- T2oi 2-pin connector, black
- T2oj 2-pin connector, black
- T3cz 3-pin connector, black
- T3da 3-pin connector, black
- T12ac 12-pin connector, black
- T20f 20-pin connector, black
- T20g 20-pin connector, black
- T26c 26-pin connector, black
- T60a 60-pin connector, black
- * For models with 1.4l engine
- *2 For models with 1.2l engine
- *3 For models with 1.0l petrol engine
- *4 For models with 1.5l petrol engine
- *5 For models with 2.0l petrol engine
- *6 Different wire colour possible
- *7 For models with diesel engine
- *8 For models with hybrid drive system



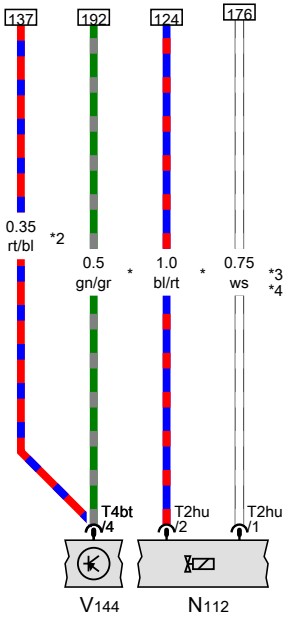
Air mass meter, Special vehicle control unit, Valve for oil pressure control

- G70 Air mass meter
- J428 Adaptive cruise control unit
- J608 Special vehicle control unit
- N276 Fuel pressure regulating valve
- N428 Valve for oil pressure control
- T2hs 2-pin connector, black
- T2hw 2-pin connector, black
- T4dj 4-pin connector, black
- T8m 8-pin connector, black
- T9c 9-pin connector
- T12d 12-pin connector, black
- * see applicable current flow diagram for special purpose vehicles
- *2 For models with 1.4l engine
- *3 For models with 1.0l petrol engine
- *4 For models with 1.5l petrol engine
- *5 For models with 2.0l engine
- *6 For models with diesel engine
- *7 According to equipment
- *8 For models with 1.2l engine
- *9 For models with hybrid drive system



Secondary air inlet valve, Fuel system diagnostic pump

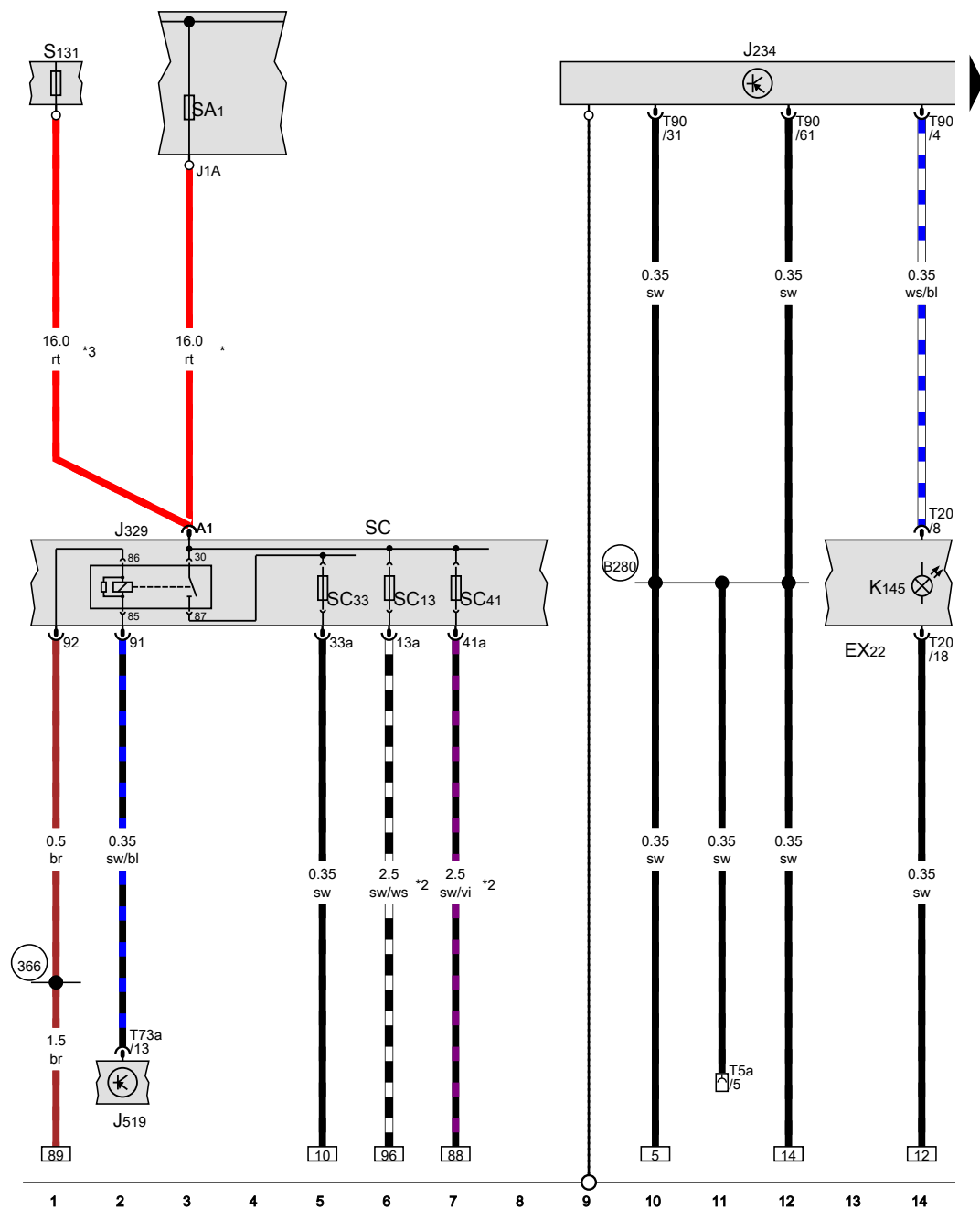
- N112 Secondary air inlet valve
- T2hu 2-pin connector, black
- T4bt 4-pin connector, black
- V144 Fuel system diagnostic pump
- * For models with hybrid drive system
- *2 For models with 2.0l petrol engine
- *3 For models with 2.0l engine
- *4 Different wire colour possible



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Airbag systems for RHD vehicles , (L0R)

From July 2018



Centre switch module in dash panel, Airbag control unit, Terminal 15 voltage supply relay, Warning lamp for airbag deactivated on front passenger side, Fuse holder C

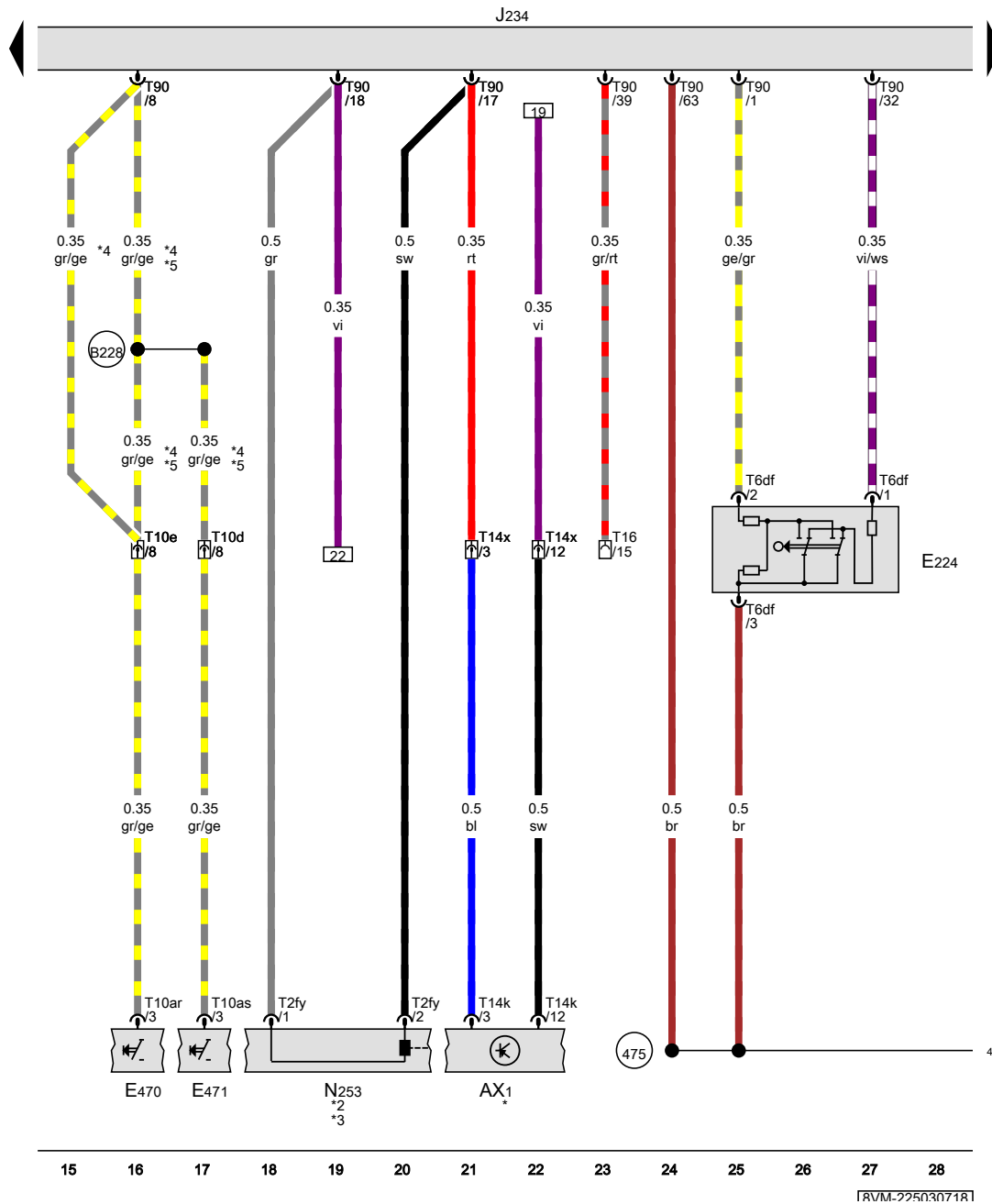
- EX22 Centre switch module in dash panel
- J234 Airbag control unit
- J329 Terminal 15 voltage supply relay
- J519 Onboard supply control unit
- K145 Warning lamp for airbag deactivated on front passenger side
- SA1 Fuse 1 on fuse holder A
- SC Fuse holder C
- SC13 Fuse 13 on fuse holder C
- SC33 Fuse 33 on fuse holder C
- SC41 Fuse 41 on fuse holder C
- S131 Fuse 1
- T5a 5-pin connector, black
- T20 20-pin connector, red
- T73a 73-pin connector, black
- T90 90-pin connector, yellow

366 Earth connection 1, in main wiring harness

B280 Positive connection 4 (15a) in main wiring harness

- * Not for RS 3 models
- *2 According to equipment
- *3 For RS 3 models

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 sw = black
 ro = red
 rt = red
 br = brown
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 gr = grey
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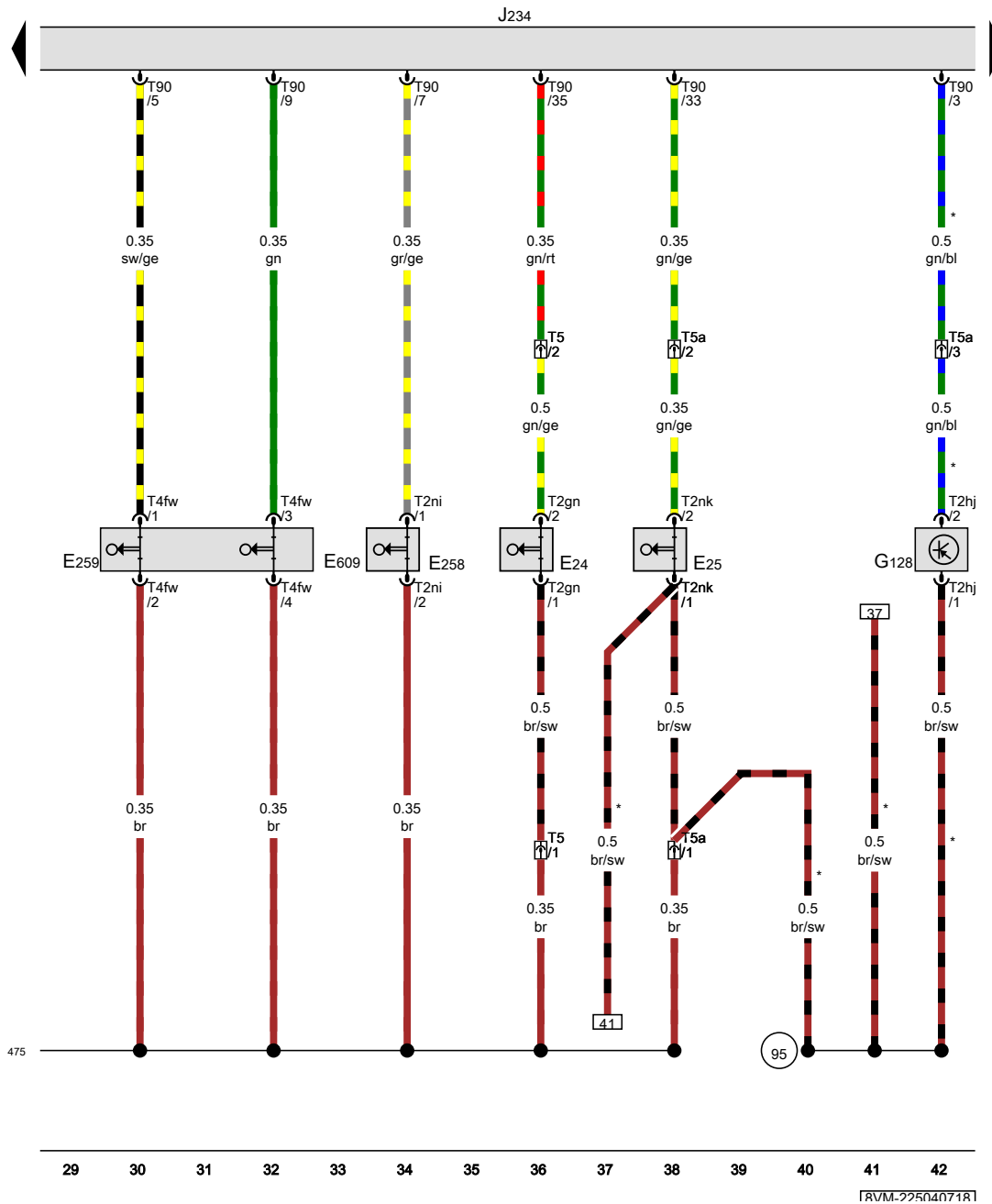
Key operated switch to deactivate airbag on front passenger side, Airbag control unit, Battery isolation igniter

- AX1 Hybrid battery unit
- E224 Key operated switch to deactivate airbag on front passenger side
- E470 Driver seat adjustment operating unit
- E471 Front passenger seat adjustment operating unit
- J234 Airbag control unit
- N253 Battery isolation igniter
- T2fy 2-pin connector, purple
- T6df 6-pin connector, yellow
- T10ar 10-pin connector, black
- T10as 10-pin connector, black
- T10d 10-pin connector, in coupling point for front seat, left, red
- T10e 10-pin connector, in coupling point for front seat, right, red
- T14k 14-pin connector, black
- T14x 14-pin connector, on fuel gauge sender, black
- T16 16-pin connector, black
- T90 90-pin connector, yellow

- 475 Earth connection (airbag), in main wiring harness
- B228 Connection (crash signal), in interior wiring harness

- * For models with hybrid drive system
- *2 For RS 3 models
- *3 see applicable current flow diagram for battery
- *4 For models with electric seat adjustment on driver side
- *5 For models with electric seat adjustment on passenger side

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



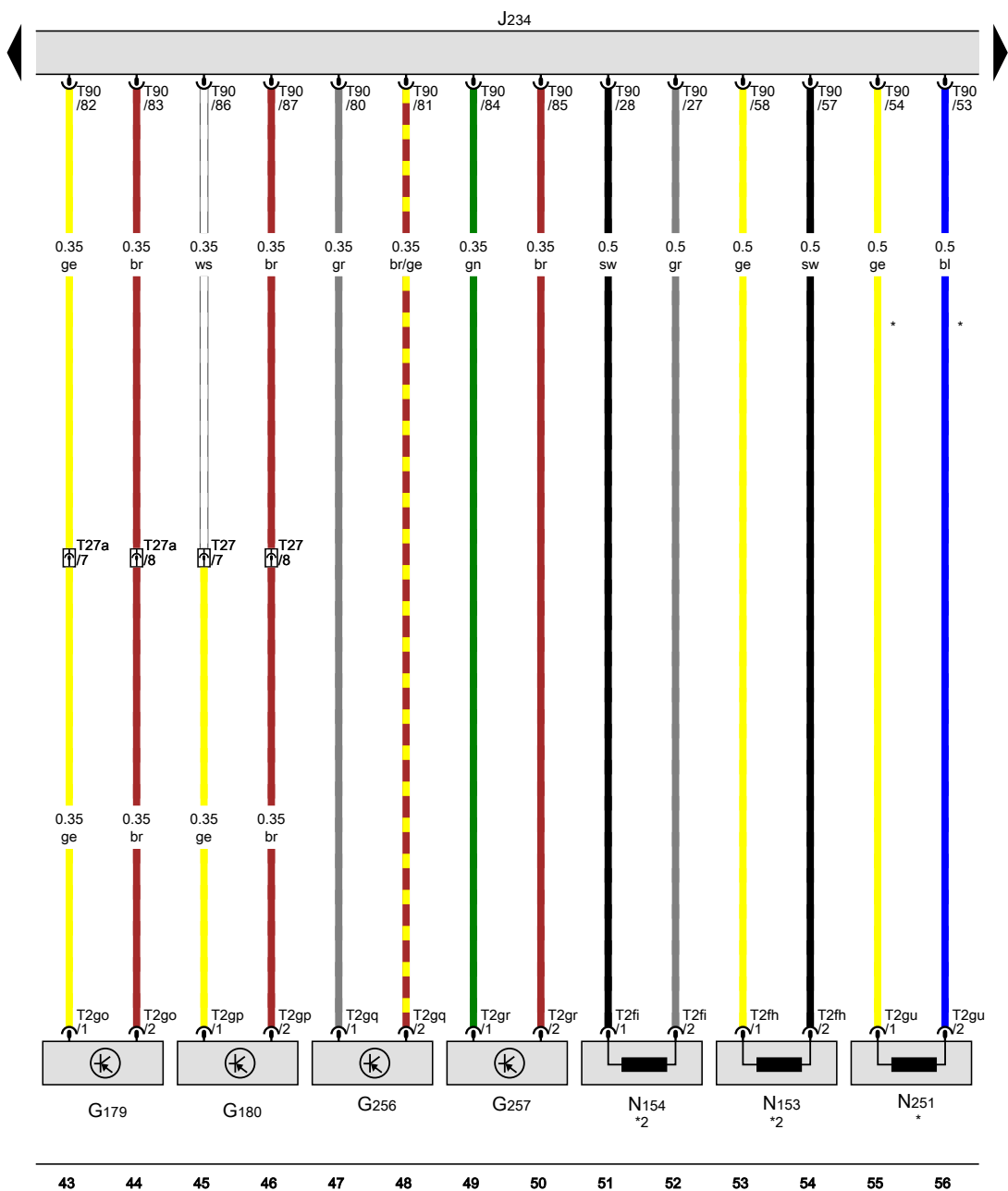
Driver side belt switch, Front passenger side belt switch, Rear belt switch, driver side, Rear belt switch, passenger side, Airbag control unit

- E24 Driver side belt switch
- E25 Front passenger side belt switch
- E258 Rear belt switch, driver side
- E259 Rear belt switch, passenger side
- E609 Rear centre belt switch
- G128 Seat occupied sensor, front passenger side
- J234 Airbag control unit
- T2gn 2-pin connector
- T2hj 2-pin connector
- T2ni 2-pin connector, black
- T2nk 2-pin connector
- T4fw 4-pin connector, black
- T5 5-pin connector, black
- T5a 5-pin connector, black
- T90 90-pin connector, yellow

95 Earth connection 1, in seat adjustment wiring harness

475 Earth connection (airbag), in main wiring harness

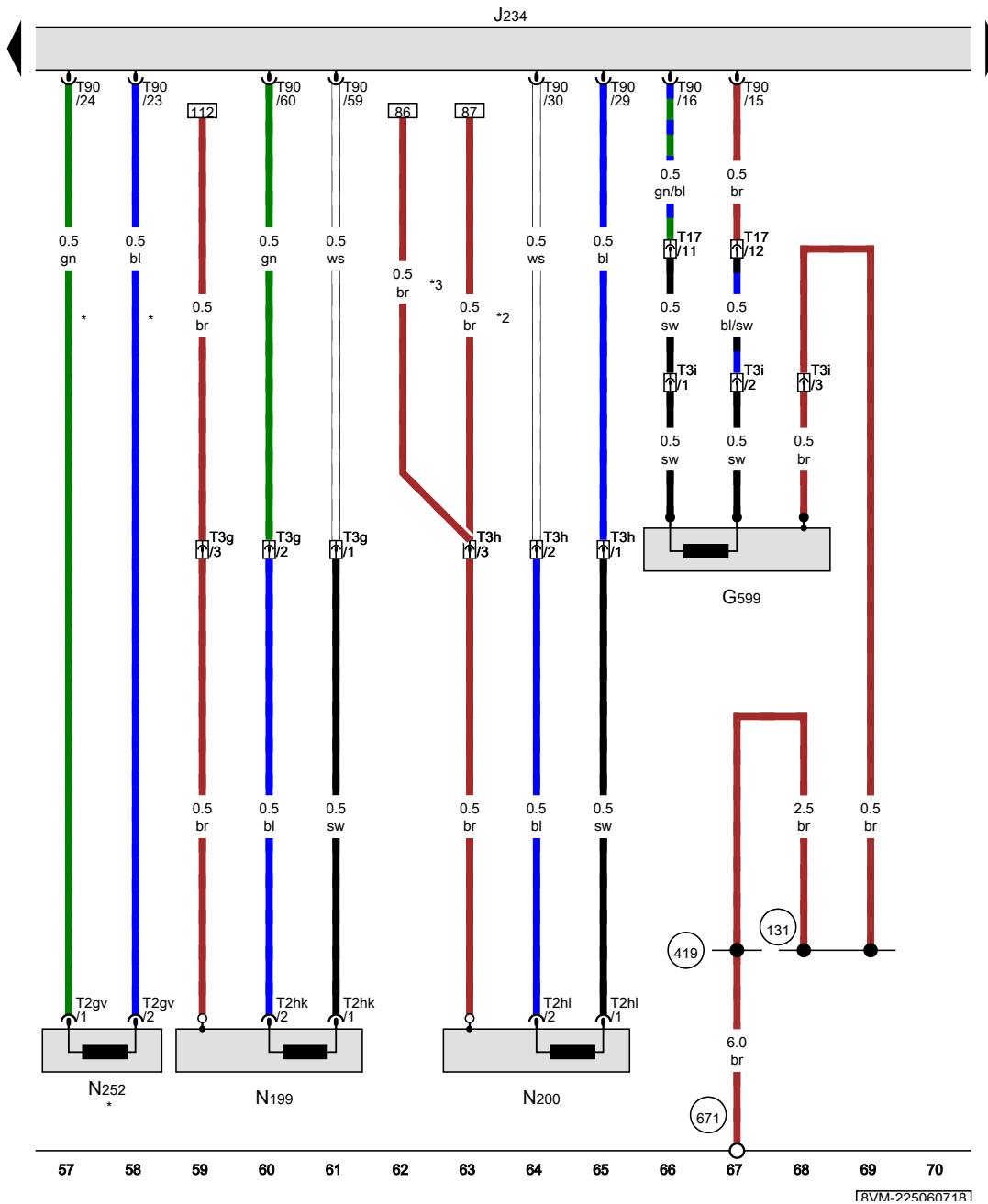
* For models with seat occupied recognition



Side airbag crash sensor on driver side, Side airbag crash sensor on front passenger side, Rear side airbag crash sensor on driver side, Rear side airbag crash sensor on passenger side, Airbag control unit, Driver seat belt tensioner igniter 1, Front passenger seat belt tensioner igniter 1, Driver side curtain airbag igniter

- G179 Side airbag crash sensor on driver side
- G180 Side airbag crash sensor on front passenger side
- G256 Rear side airbag crash sensor on driver side
- G257 Rear side airbag crash sensor on passenger side
- J234 Airbag control unit
- N153 Driver seat belt tensioner igniter 1
- N154 Front passenger seat belt tensioner igniter 1
- N251 Driver side curtain airbag igniter
- T2fh 2-pin connector, yellow
- T2fi 2-pin connector, yellow
- T2go 2-pin connector, yellow
- T2gp 2-pin connector, yellow
- T2gq 2-pin connector, yellow
- T2gr 2-pin connector, yellow
- T2gu 2-pin connector, yellow
- T27 27-pin connector, black
- T27a 27-pin connector, black
- T90 90-pin connector, yellow
- * For models with curtain airbag
- *2 According to equipment

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



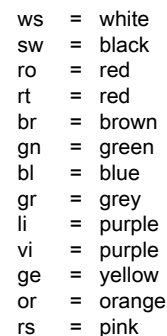
Trigger 2 for pedestrian protection, Airbag control unit, Side airbag igniter on driver side, Side airbag igniter on front passenger side, Front passenger side curtain airbag igniter

- G599 Trigger 2 for pedestrian protection
- J234 Airbag control unit
- N199 Side airbag igniter on driver side
- N200 Side airbag igniter on front passenger side
- N252 Front passenger side curtain airbag igniter
- T2gv 2-pin connector, yellow
- T2hk 2-pin connector
- T2hl 2-pin connector
- T3g 3-pin connector, yellow
- T3h 3-pin connector, yellow
- T3i 3-pin connector, yellow
- T17 17-pin connector, blue
- T90 90-pin connector, yellow

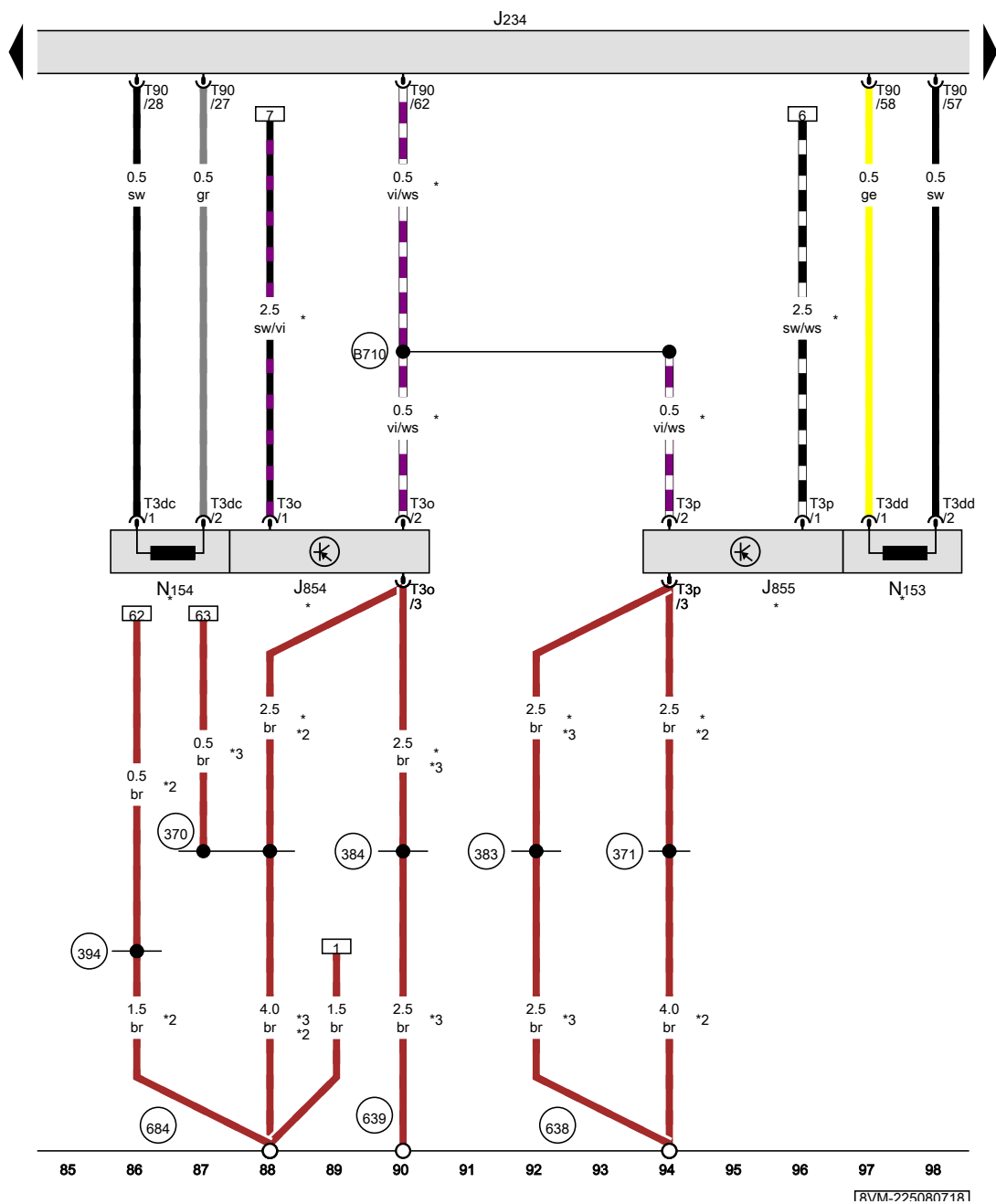
- 131 Earth connection 2, in engine compartment wiring harness
- 419 Earth connection 11, in engine compartment wiring harness
- 671 Earth point 1, on front of left longitudinal member

- * For models with curtain airbag
- *2 For models with 4 doors
- *3 For models with 5 doors

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



* According to equipment



Airbag control unit, Control unit for front left belt tensioner, Control unit for front right belt tensioner

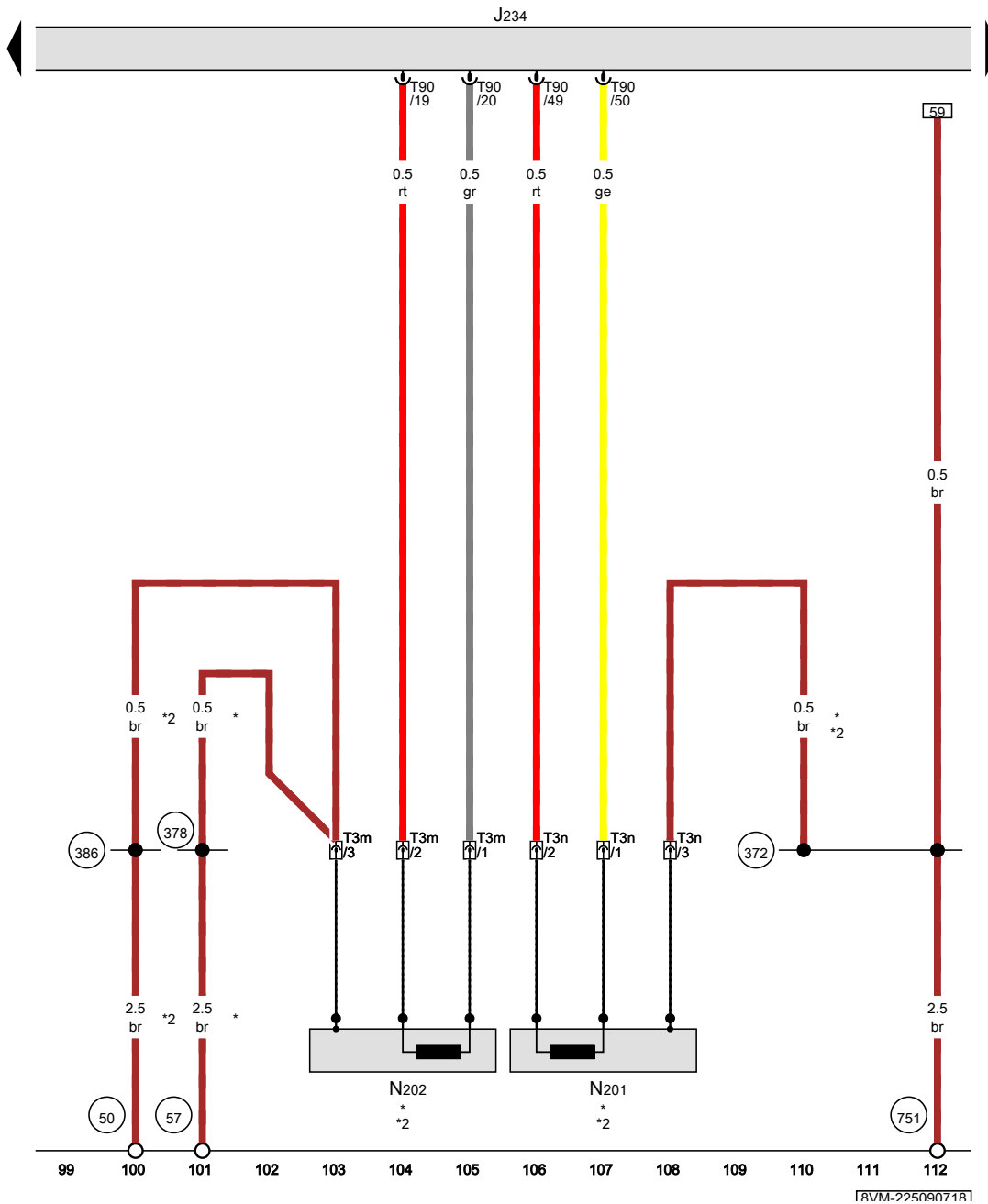
- J234 Airbag control unit
- J854 Control unit for front left belt tensioner
- J855 Control unit for front right belt tensioner
- N153 Driver seat belt tensioner igniter 1
- N154 Front passenger seat belt tensioner igniter 1
- T3dc 3-pin connector, yellow
- T3dd 3-pin connector, yellow
- T3o 3-pin connector, black
- T3p 3-pin connector, black
- T90 90-pin connector, yellow

- 370 Earth connection 5, in main wiring harness
- 371 Earth connection 6, in main wiring harness
- 383 Earth connection 18, in main wiring harness
- 384 Earth connection 19, in main wiring harness
- 394 Earth connection 29, in main wiring harness
- 638 Earth point, on right A-pillar
- 639 Earth point, left A-pillar
- 684 Earth point on front of left side member
- B710 Connection 5 (LIN bus) in main wiring harness

- * According to equipment
- *2 For models with 5 doors
- *3 For models with 4 doors

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Airbag control unit, Rear side airbag igniter on driver side,
Rear side airbag igniter on passenger side



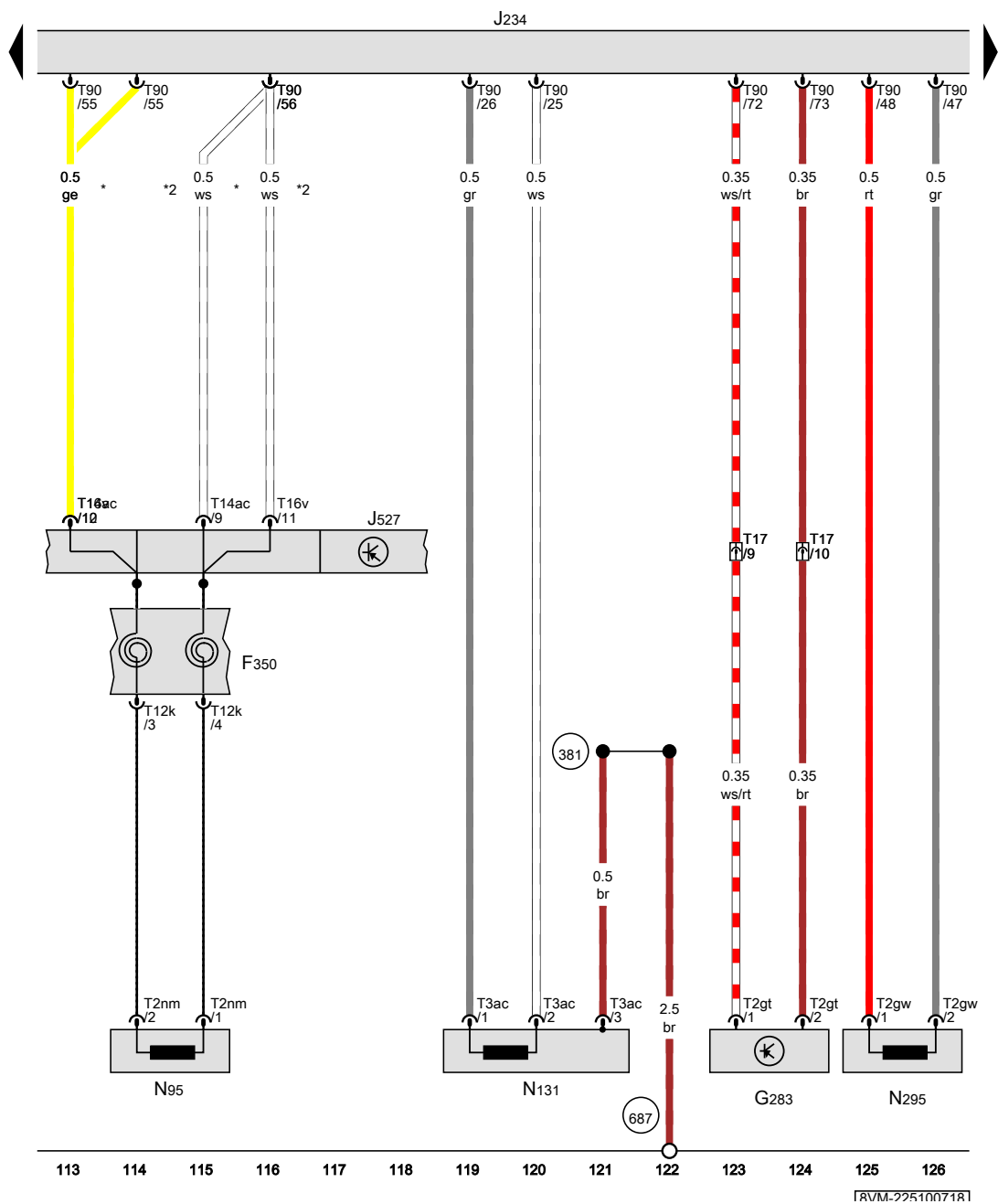
- J234 Airbag control unit
- N201 Rear side airbag igniter on driver side
- N202 Rear side airbag igniter on passenger side
- T3m 3-pin connector, yellow
- T3n 3-pin connector, yellow
- T90 90-pin connector, yellow

- 50 Earth point, on left in luggage compartment
- 57 Earth point, rear left pillar
- 372 Earth connection 7, in main wiring harness
- 378 Earth connection 13, in main wiring harness
- 386 Earth connection 21, in main wiring harness
- 751 Earth point 2, on right A-pillar

- * For models with 5 doors
- *2 For models with 4 doors

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

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Front airbag crash sensor for driver side, Airbag control unit, Steering column electronics control unit, Airbag igniter on driver side, Airbag igniter 1 on front passenger side, Driver side knee airbag igniter

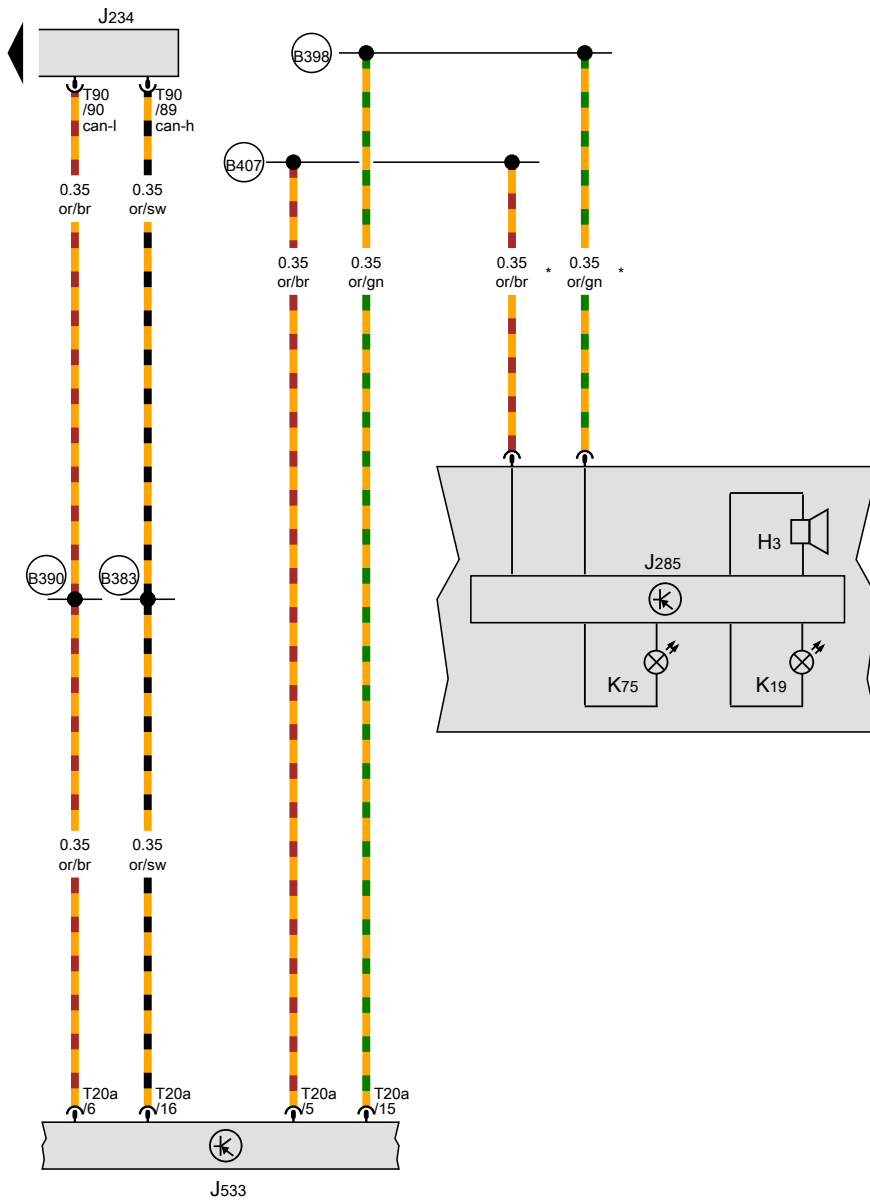
- F350 Coil connector
- G283 Front airbag crash sensor for driver side
- J234 Airbag control unit
- J527 Steering column electronics control unit
- N95 Airbag igniter on driver side
- N131 Airbag igniter 1 on front passenger side
- N295 Driver side knee airbag igniter
- T2gt 2-pin connector, yellow
- T2gw 2-pin connector, yellow
- T2nm 2-pin connector
- T3ac 3-pin connector, yellow
- T12k 12-pin connector
- T14ac 14-pin connector, black
- T16v 16-pin connector, black
- T17 17-pin connector, blue
- T90 90-pin connector, yellow

381 Earth connection 16, in main wiring harness

687 Earth point 1, on centre tunnel

- * For models with heated steering wheel
- *2 For models with no heated steering wheel

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



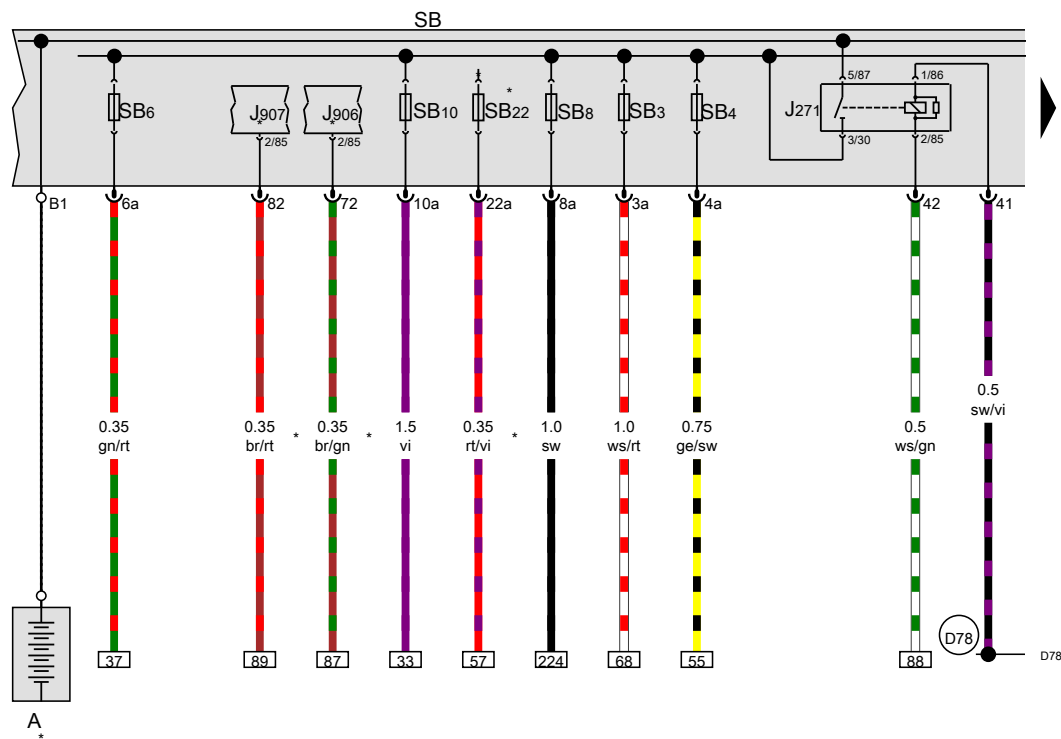
Buzzer and gong, Airbag control unit, Control unit in dash panel insert, Data bus diagnostic interface, Seat belt warning system warning lamp, Airbag warning lamp

- H3 Buzzer and gong
- J234 Airbag control unit
- J285 Control unit in dash panel insert
- J533 Data bus diagnostic interface
- K19 Seat belt warning system warning lamp
- K75 Airbag warning lamp
- T20a 20-pin connector, red
- T90 90-pin connector, yellow
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness
- * see applicable current flow diagram for dash panel insert

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

2.0l petrol engine , DKVA

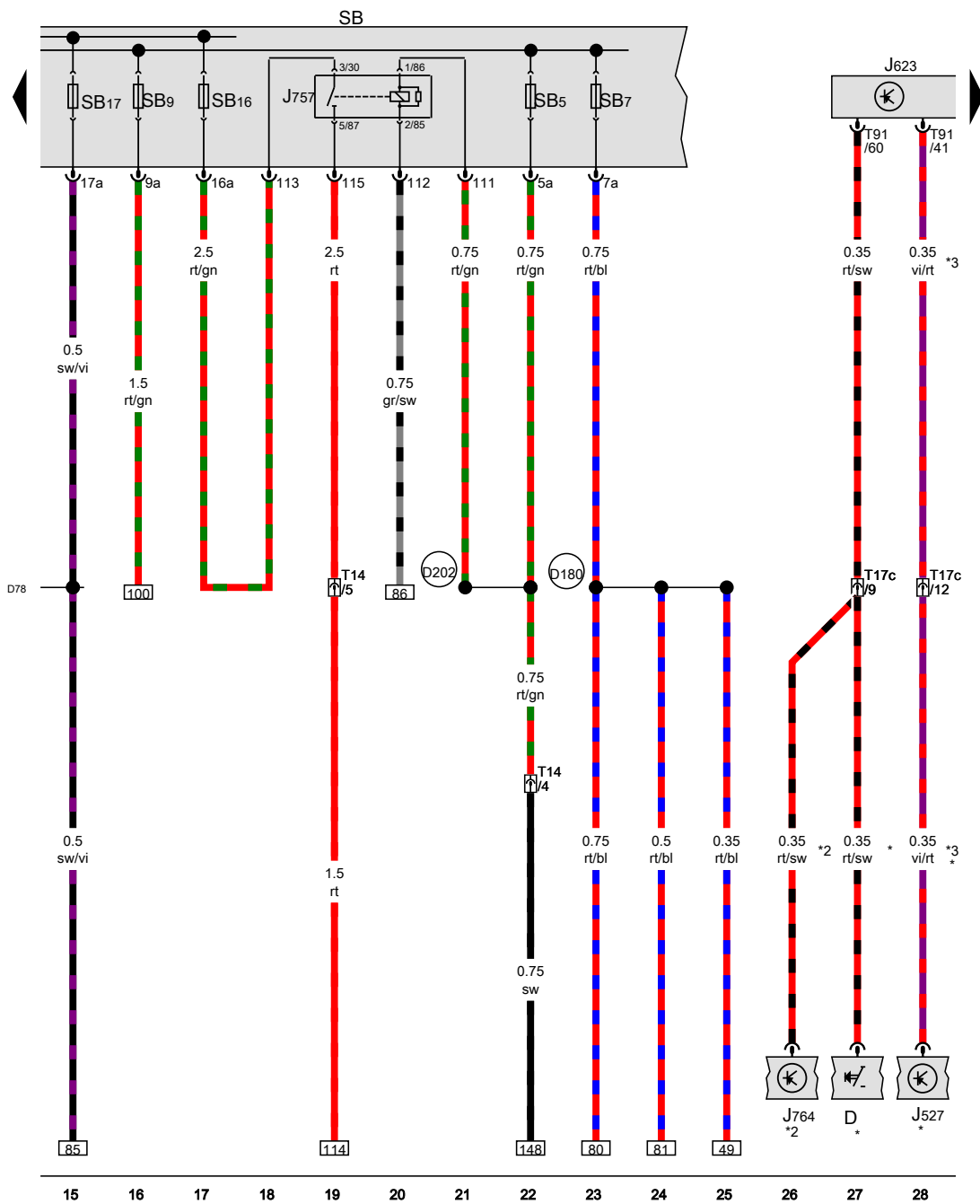
From June 2018



Main relay, Fuse 8 on fuse holder B

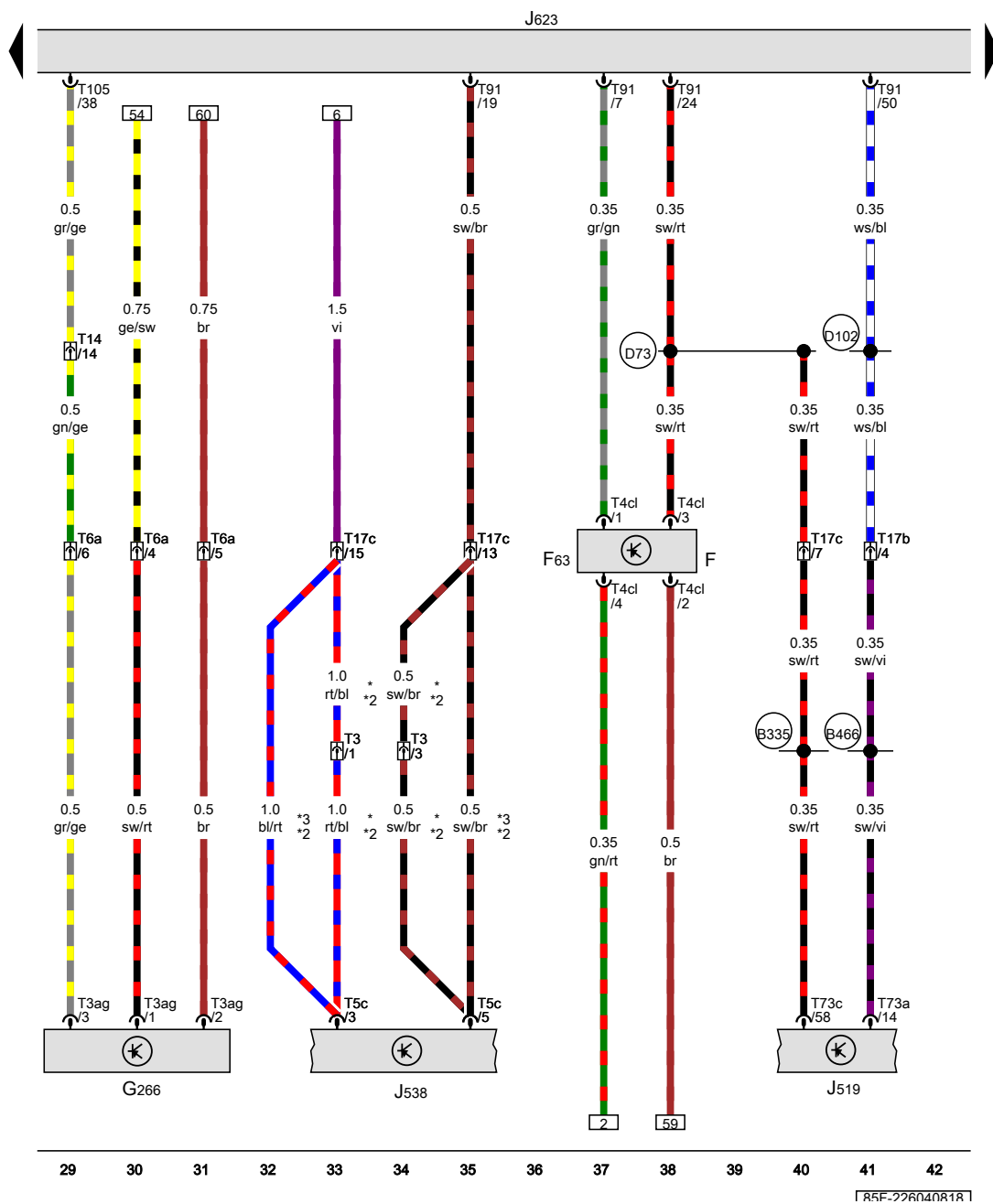
- A Battery
- J271 Main relay
- J906 Starter relay 1
- J907 Starter relay 2
- SB Fuse holder B
- SB3 Fuse 3 on fuse holder B
- SB4 Fuse 4 on fuse holder B
- SB6 Fuse 6 on fuse holder B
- SB8 Fuse 8 on fuse holder B
- SB10 Fuse 10 on fuse holder B
- SB22 Fuse 22 on fuse holder B
- D78 Positive connection 1 (30a), in engine compartment wiring harness
- * see applicable current flow diagram for battery in engine compartment

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



Steering column electronics control unit, Engine/motor control unit, Engine component current supply relay, Fuse 7 on fuse holder B

- D Ignition/starter switch
- J527 Steering column electronics control unit
- J623 Engine/motor control unit
- J757 Engine component current supply relay
- J764 Control unit for electronic steering column lock
- SB Fuse holder B
- SB5 Fuse 5 on fuse holder B
- SB7 Fuse 7 on fuse holder B
- SB9 Fuse 9 on fuse holder B
- SB16 Fuse 16 on fuse holder B
- SB17 Fuse 17 on fuse holder B
- T14 14-pin connector, in engine compartment, grey
- T17c 17-pin connector, on lower section of left A-pillar, red
- T91 91-pin connector, black
- D78 Positive connection 1 (30a), in engine compartment wiring harness
- D180 Connection (87a), in engine compartment wiring harness
- D202 Connection 6 (87a), in engine compartment wiring harness
- * see applicable current flow diagram for steering column electronics
- *2 see applicable current flow diagram for entry and start authorisation
- *3 For models with cruise control system (CCS)

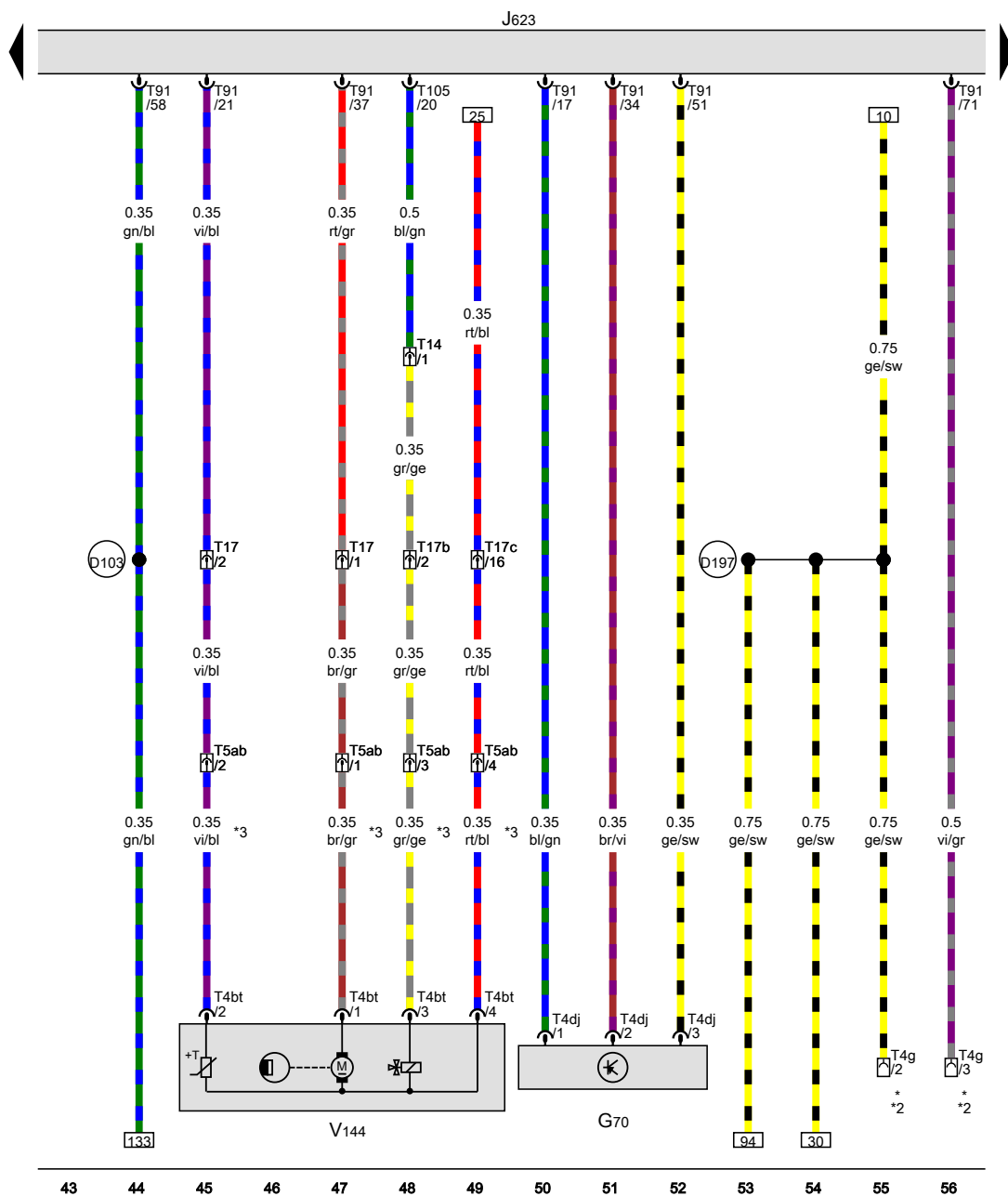


Brake light switch, Brake pedal switch, Oil level and oil temperature sender, Onboard supply control unit, Engine/motor control unit

- F Brake light switch
- F63 Brake pedal switch
- G266 Oil level and oil temperature sender
- J519 Onboard supply control unit
- J538 Fuel pump control unit
- J623 Engine/motor control unit
- T3 3-pin connector, black
- T3ag 3-pin connector, black
- T4cl 4-pin connector, black
- T5c 5-pin connector, black
- T6a 6-pin connector, black
- T14 14-pin connector, in engine compartment, grey
- T17b 17-pin connector, on lower section of left A-pillar, brown
- T17c 17-pin connector, on lower section of left A-pillar, red
- T73a 73-pin connector, black
- T73c 73-pin connector, black
- T91 91-pin connector, black
- T105 105-pin connector, black
- B335 Connection 1 (54), in main wiring harness
- B466 Connection 2, in main wiring harness
- D73 Positive connection (54), in engine compartment wiring harness
- D102 Connection 2 in engine compartment wiring harness
- * For models with auxiliary heating
- *2 see applicable current flow diagram for fuel system
- *3 For models with no auxiliary heater

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

Engine/motor control unit, Fuel system diagnostic pump



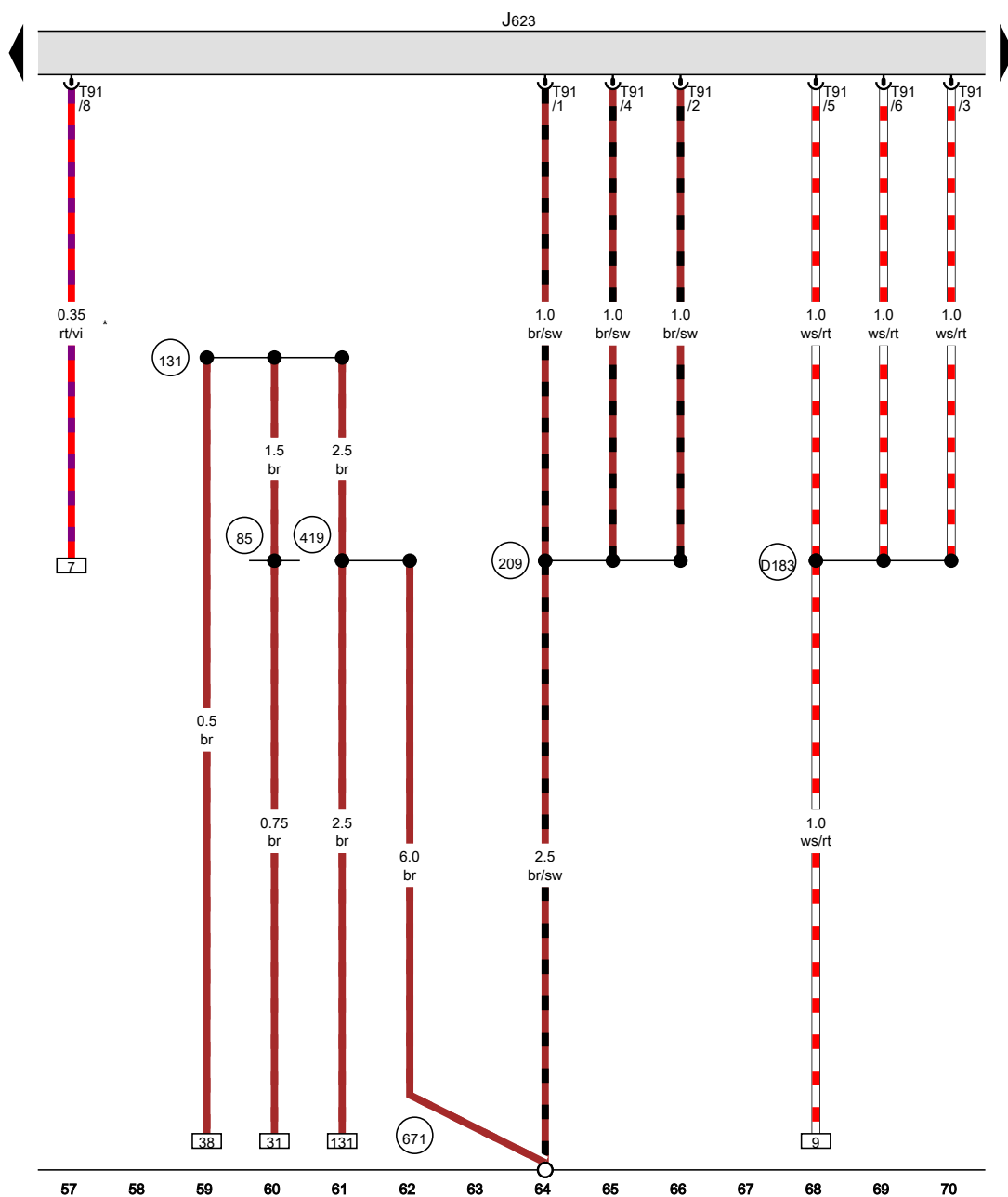
- G70 Air mass meter
- J623 Engine/motor control unit
- T4bt 4-pin connector, black
- T4dj 4-pin connector, black
- T4g 4-pin connector, black
- T5ab 5-pin connector, black
- T14 14-pin connector, in engine compartment, grey
- T17 17-pin connector, on lower section of left A-pillar, blue
- T17b 17-pin connector, on lower section of left A-pillar, brown
- T17c 17-pin connector, on lower section of left A-pillar, red
- T91 91-pin connector, black
- T105 105-pin connector, black
- V144 Fuel system diagnostic pump

D103 Connection 3 in engine compartment wiring harness

D197 Connection 5 (87a), in engine compartment wiring harness

- * Radiator fan connection
- *2 see applicable current flow diagram for radiator fan
- *3 Different wire colour possible

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



Engine/motor control unit

J623 Engine/motor control unit

T91 91-pin connector, black

85 Earth connection 1, in engine compartment wiring harness

131 Earth connection 2, in engine compartment wiring harness

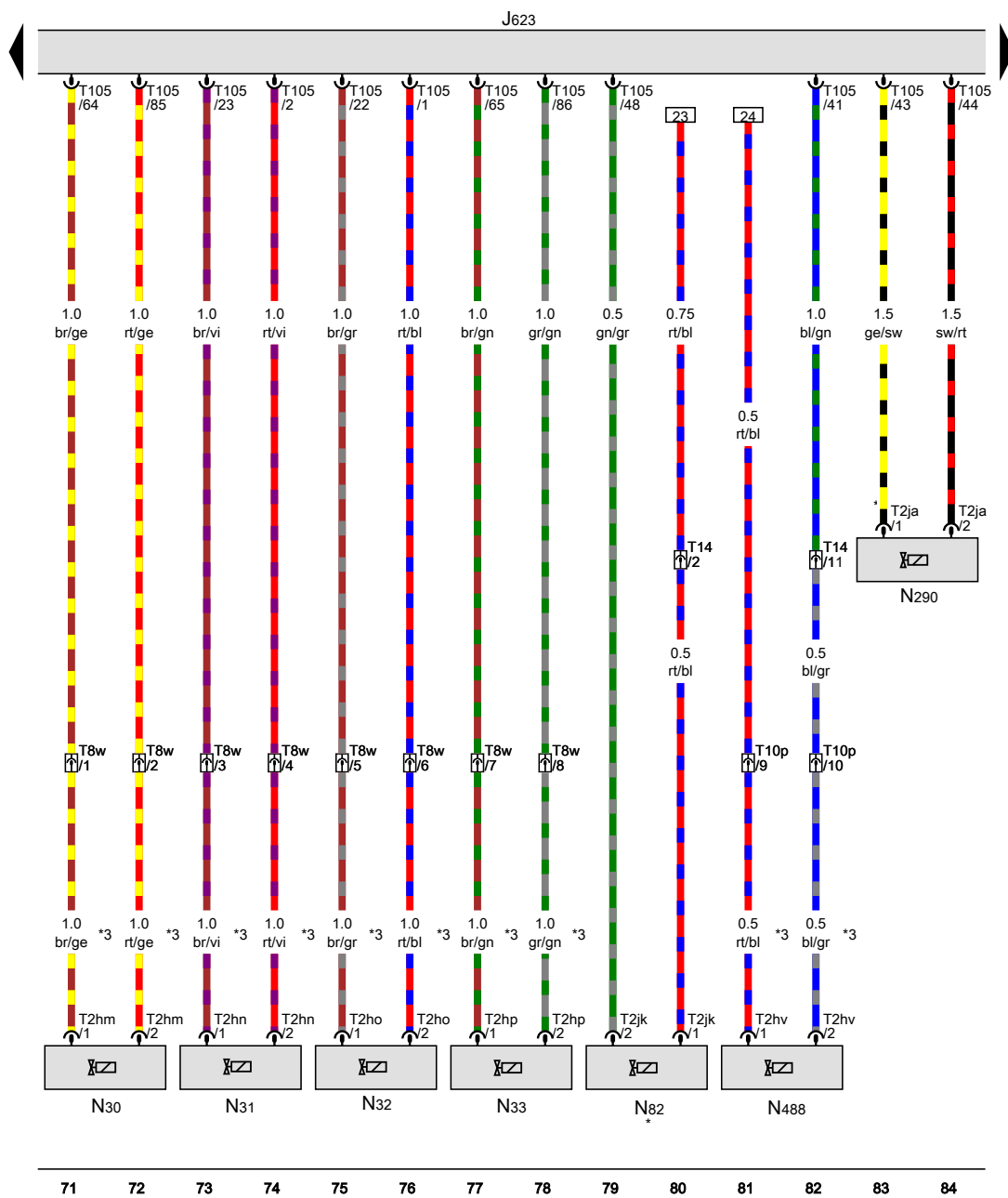
209 Earth connection 6, in engine compartment wiring harness

419 Earth connection 11, in engine compartment wiring harness

671 Earth point 1, on front of left longitudinal member

D183 Connection 4 (87a), in engine compartment wiring harness

* see applicable current flow diagram for battery in engine compartment

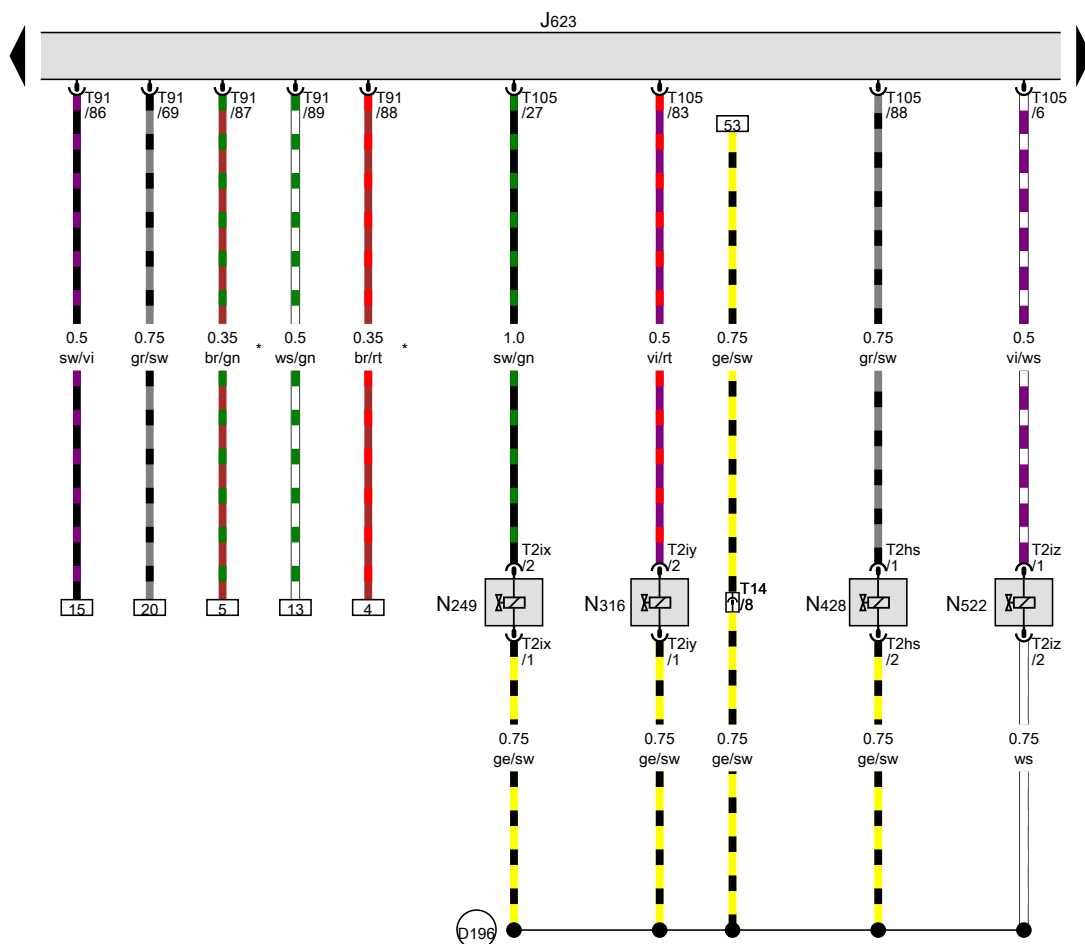


Engine/motor control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4, Coolant shut-off valve, Fuel metering valve, Coolant valve for gearbox

- J623 Engine/motor control unit
- N30 Injector, cylinder 1
- N31 Injector, cylinder 2
- N32 Injector, cylinder 3
- N33 Injector, cylinder 4
- N82 Coolant shut-off valve
- N290 Fuel metering valve
- N488 Coolant valve for gearbox
- T2hm 2-pin connector, black
- T2hn 2-pin connector, black
- T2ho 2-pin connector, black
- T2hp 2-pin connector, black
- T2hv 2-pin connector, black
- T2ja 2-pin connector, black
- T2jk 2-pin connector, black
- T8w 8-pin connector, in engine compartment, black
- T10p 10-pin connector, black
- T14 14-pin connector, in engine compartment, grey
- T105 105-pin connector, black
- * If fitted
- *2 According to equipment
- *3 Wiring colour depends on equipment

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

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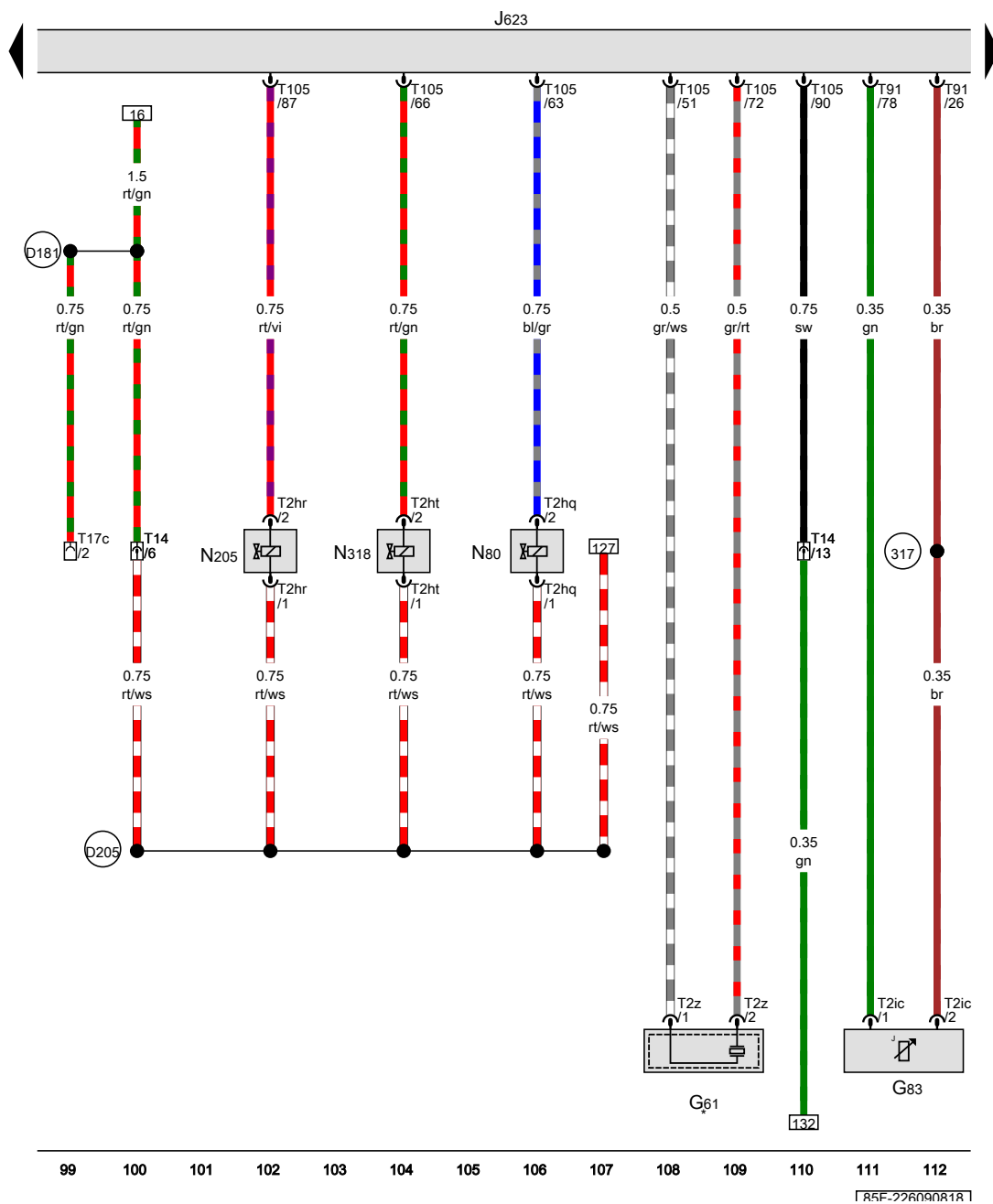


Engine/motor control unit, Turbocharger air recirculation valve, Intake manifold flap valve, Valve for oil pressure control, Piston cooling jet control valve

- J623 Engine/motor control unit
- N249 Turbocharger air recirculation valve
- N316 Intake manifold flap valve
- N428 Valve for oil pressure control
- N522 Piston cooling jet control valve
- T2hs 2-pin connector, black
- T2ix 2-pin connector, black
- T2iy 2-pin connector, black
- T2iz 2-pin connector, black
- T14 14-pin connector, in engine compartment, grey
- T91 91-pin connector, black
- T105 105-pin connector, black

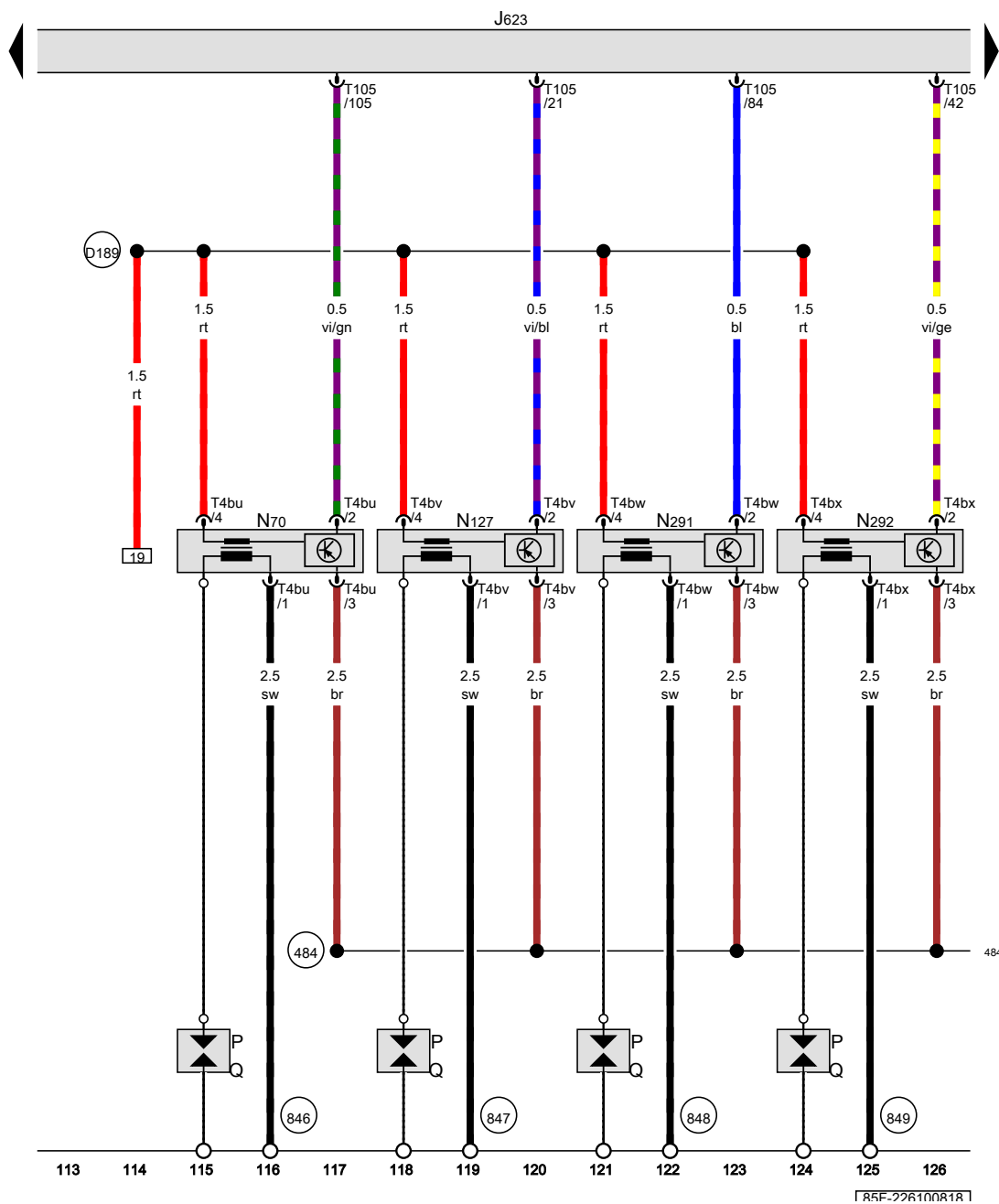
D196 Connection 2 (87a) in engine prewiring harness

* see applicable current flow diagram for battery in engine compartment



Knock sensor 1, Radiator outlet coolant temperature sender, Engine/motor control unit, Activated charcoal filter solenoid valve 1, Camshaft control valve 1, Exhaust camshaft control valve 1

- G61 Knock sensor 1
- G83 Radiator outlet coolant temperature sender
- J623 Engine/motor control unit
- N80 Activated charcoal filter solenoid valve 1
- N205 Camshaft control valve 1
- N318 Exhaust camshaft control valve 1
- T2hq 2-pin connector, black
- T2hr 2-pin connector, black
- T2ht 2-pin connector, black
- T2ic 2-pin connector, black
- T2z 2-pin connector, black
- T14 14-pin connector, in engine compartment, grey
- T17c 17-pin connector, on lower section of left A-pillar, red
- T91 91-pin connector, black
- T105 105-pin connector, black
- 317 Earth connection 7, in engine compartment wiring harness
- D181 Connection 2 (87a), in engine compartment wiring harness
- D205 Connection 3 (87a) in engine prewiring harness
- * Pre-wired component

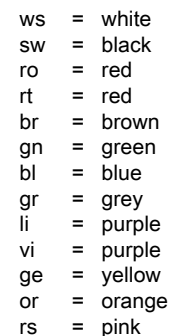


Engine/motor control unit, Ignition coil 1 with output stage, Ignition coil 2 with output stage, Ignition coil 3 with output stage, Ignition coil 4 with output stage

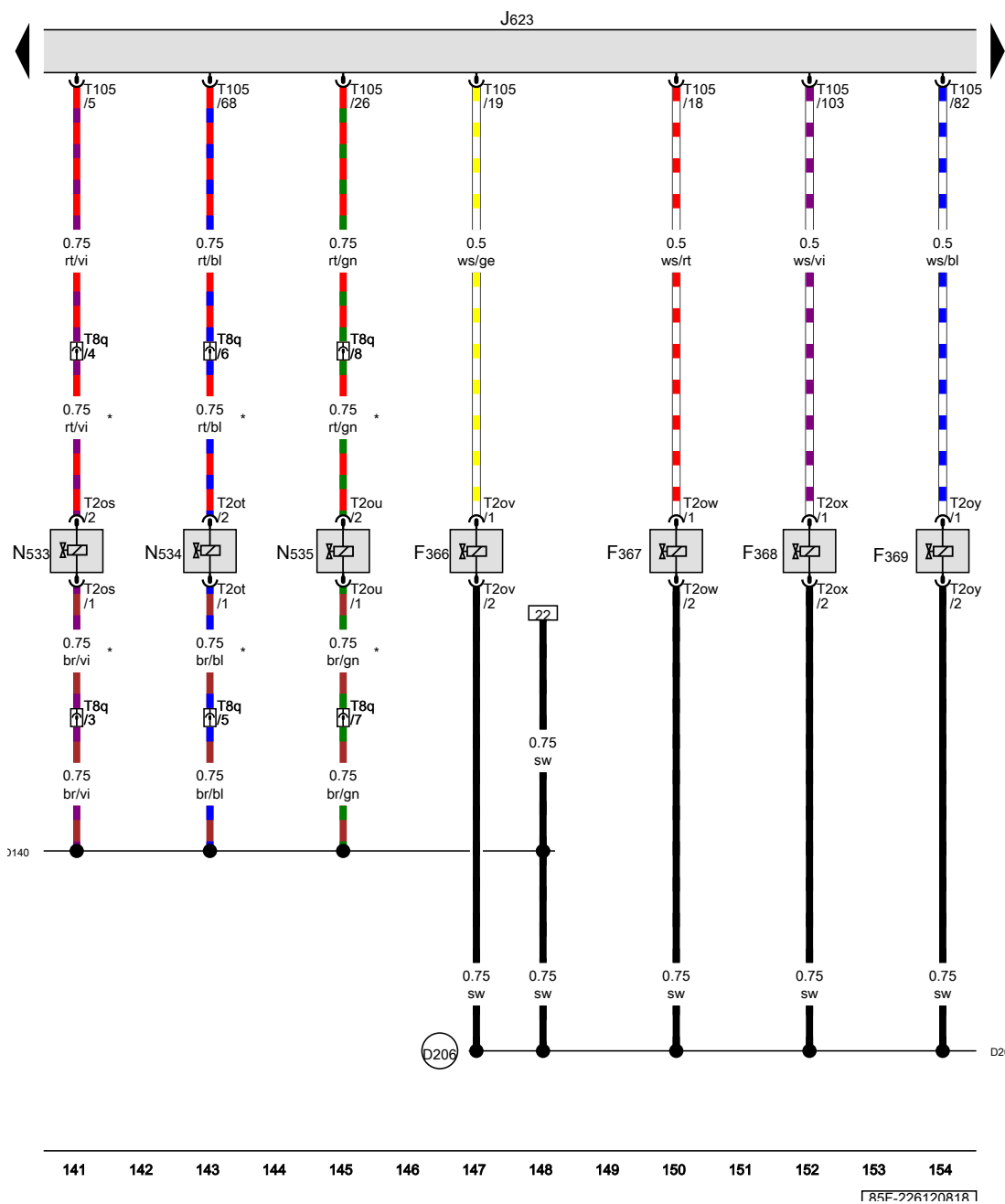
- J623 Engine/motor control unit
- N70 Ignition coil 1 with output stage
- N127 Ignition coil 2 with output stage
- N291 Ignition coil 3 with output stage
- N292 Ignition coil 4 with output stage
- P Spark plug connector
- Q Spark plugs
- T4bu 4-pin connector, black
- T4bv 4-pin connector, black
- T4bw 4-pin connector, black
- T4bx 4-pin connector, black
- T105 105-pin connector, black

- 484 Earth connection 2 (ignition coils), in engine prewiring harness
- 846 Earth point on ignition coil 1
- 847 Earth point on ignition coil 2
- 848 Earth point on ignition coil 3
- 849 Earth point on ignition coil 4
- D189 Connection (87a) in engine prewiring harness

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



* For models with dual clutch gearbox
*2 Wiring colour depends on equipment



Cam adjustment actuator 1, Cam adjustment actuator 2, Cam adjustment actuator 3, Cam adjustment actuator 4, Engine/motor control unit, Injector 2, cylinder 2, Injector 2, cylinder 3, Injector 2, cylinder 4

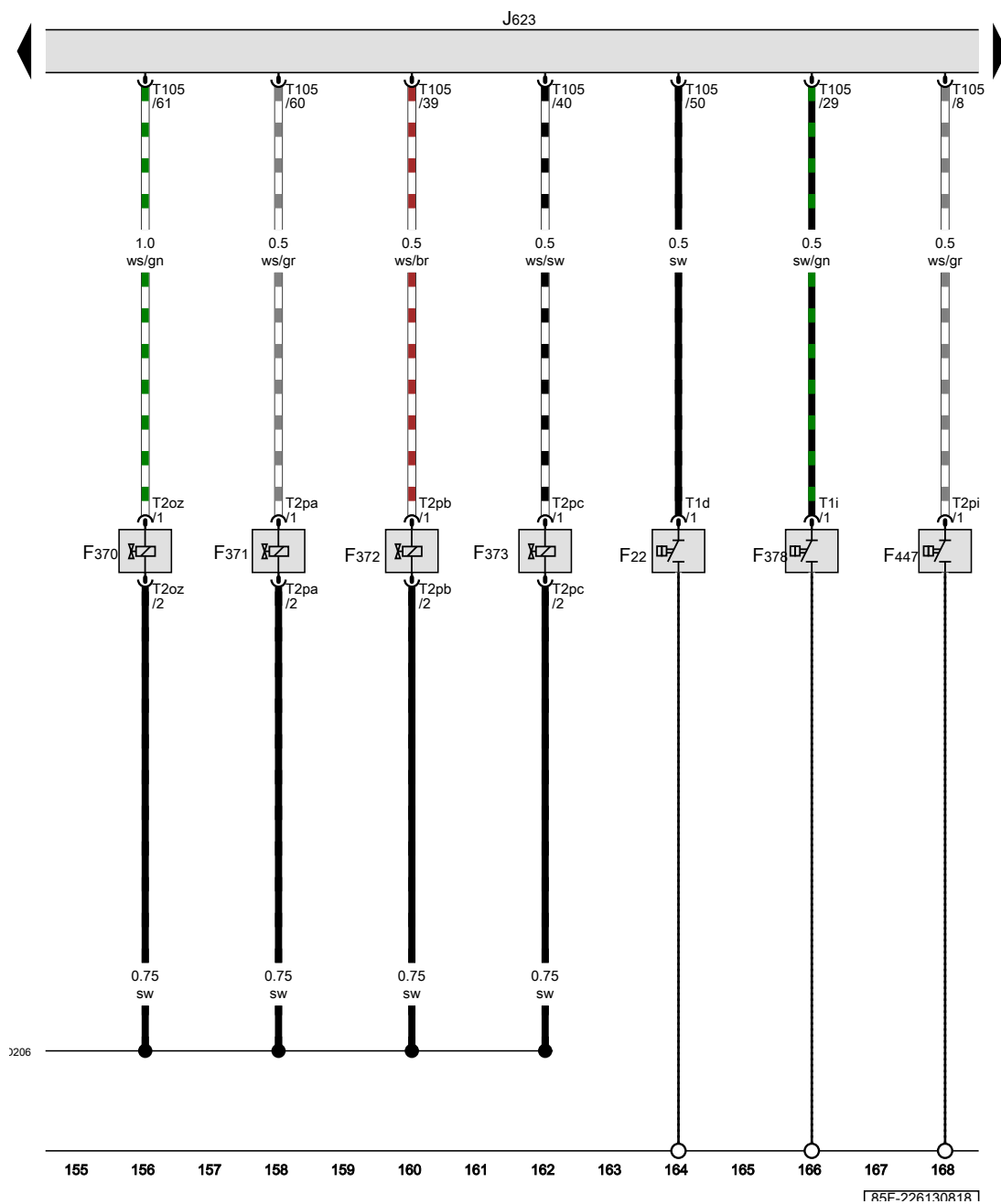
- F366 Cam adjustment actuator 1
- F367 Cam adjustment actuator 2
- F368 Cam adjustment actuator 3
- F369 Cam adjustment actuator 4
- J623 Engine/motor control unit
- N533 Injector 2, cylinder 2
- N534 Injector 2, cylinder 3
- N535 Injector 2, cylinder 4
- T2os 2-pin connector, black
- T2ot 2-pin connector, black
- T2ou 2-pin connector, black
- T2ov 2-pin connector, black
- T2ow 2-pin connector, black
- T2ox 2-pin connector, black
- T2oy 2-pin connector, black
- T8q 8-pin connector, in engine compartment, black
- T105 105-pin connector, black

D140 Connection (injectors), in engine prewiring harness

D206 Connection 4 (87a) in engine prewiring harness

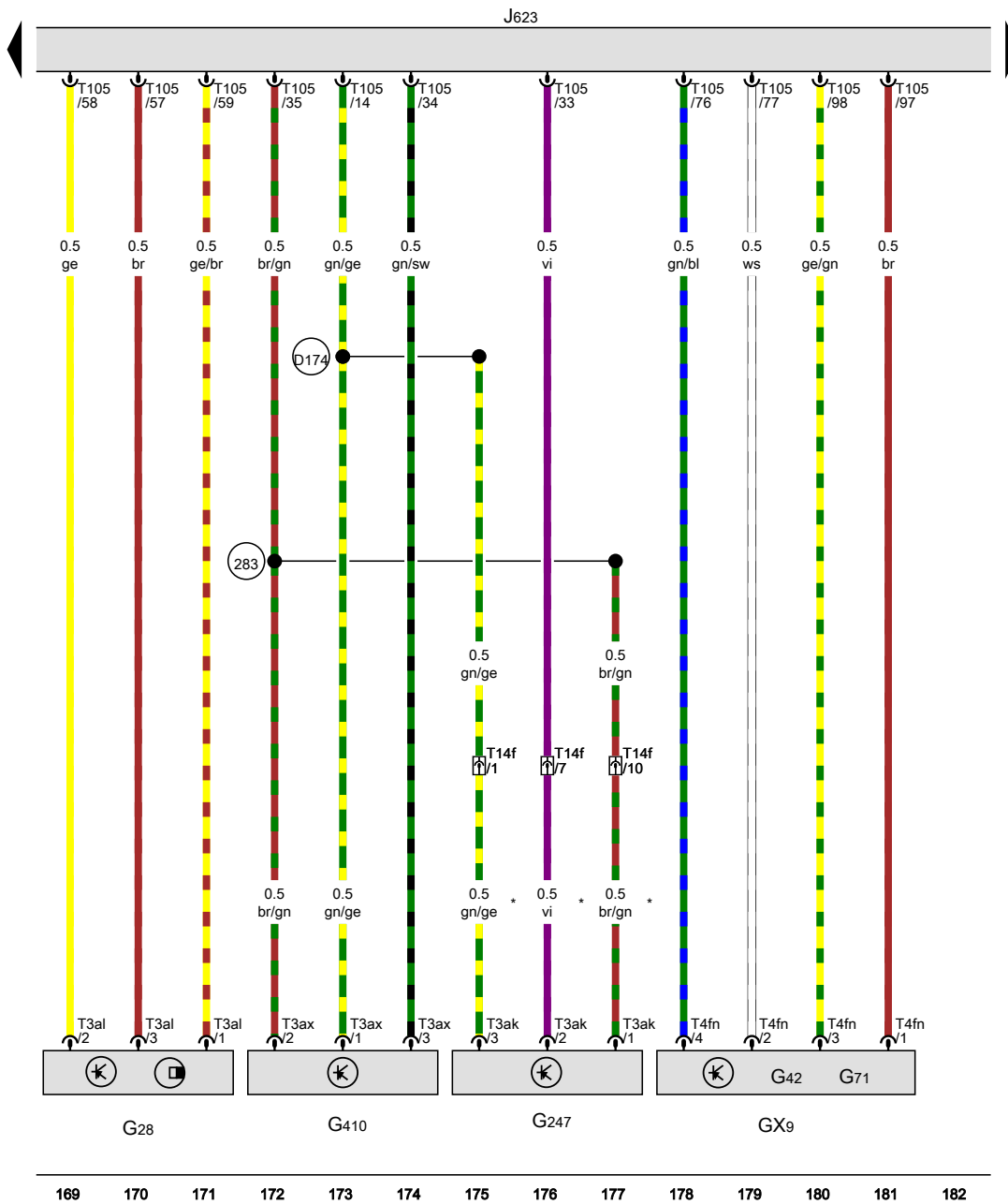
* Wiring colour depends on equipment

- ws = white
- bl = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



Oil pressure switch, Cam adjustment actuator 5, Cam adjustment actuator 6, Cam adjustment actuator 7, Cam adjustment actuator 8, Oil pressure switch for reduced oil pressure, Engine/motor control unit

- F22 Oil pressure switch
- F370 Cam adjustment actuator 5
- F371 Cam adjustment actuator 6
- F372 Cam adjustment actuator 7
- F373 Cam adjustment actuator 8
- F378 Oil pressure switch for reduced oil pressure
- F447 Stage 3 oil pressure switch
- J623 Engine/motor control unit
- T1d 1-pin connector
- T1i 1-pin connector, black
- T2oz 2-pin connector, black
- T2pa 2-pin connector, black
- T2pb 2-pin connector, black
- T2pc 2-pin connector, black
- T2pi 2-pin connector, black
- T105 105-pin connector, black
- D206 Connection 4 (87a) in engine prewiring harness



Intake manifold sender, Engine speed sender, Fuel pressure sender, Engine/motor control unit

- GX9 Intake manifold sender
- G28 Engine speed sender
- G42 Intake air temperature sender
- G71 Intake manifold pressure sender
- G247 Fuel pressure sender
- G410 Fuel pressure sender for low pressure
- J623 Engine/motor control unit
- T3ak 3-pin connector, black
- T3al 3-pin connector, black
- T3ax 3-pin connector, blue
- T4fn 4-pin connector, black
- T14f 14-pin connector, in engine compartment, black
- T105 105-pin connector, black

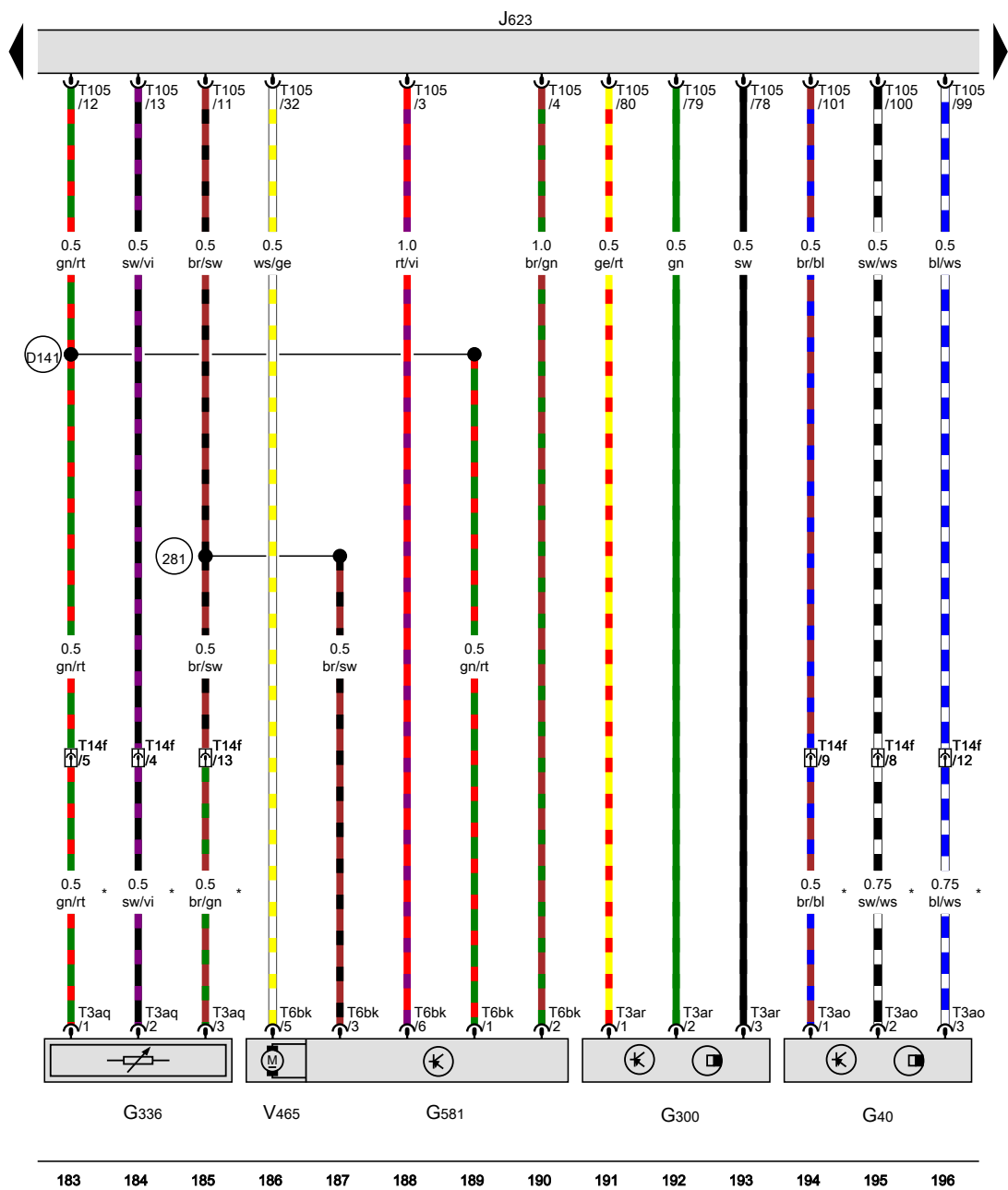
283 Earth point 2, engine prewiring harness

D174 Connection 2 (5V) in engine prewiring harness

* Wiring colour depends on equipment

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

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Hall sender, Hall sender 3, Intake manifold flap potentiometer, Engine/motor control unit, Charge pressure positioner

- G40 Hall sender
- G300 Hall sender 3
- G336 Intake manifold flap potentiometer
- G581 Position sender for charge pressure positioner
- J623 Engine/motor control unit
- T3ao 3-pin connector, black
- T3aq 3-pin connector, black
- T3ar 3-pin connector, black
- T6bk 6-pin connector, grey
- T14f 14-pin connector, in engine compartment, black
- T105 105-pin connector, black
- V465 Charge pressure positioner

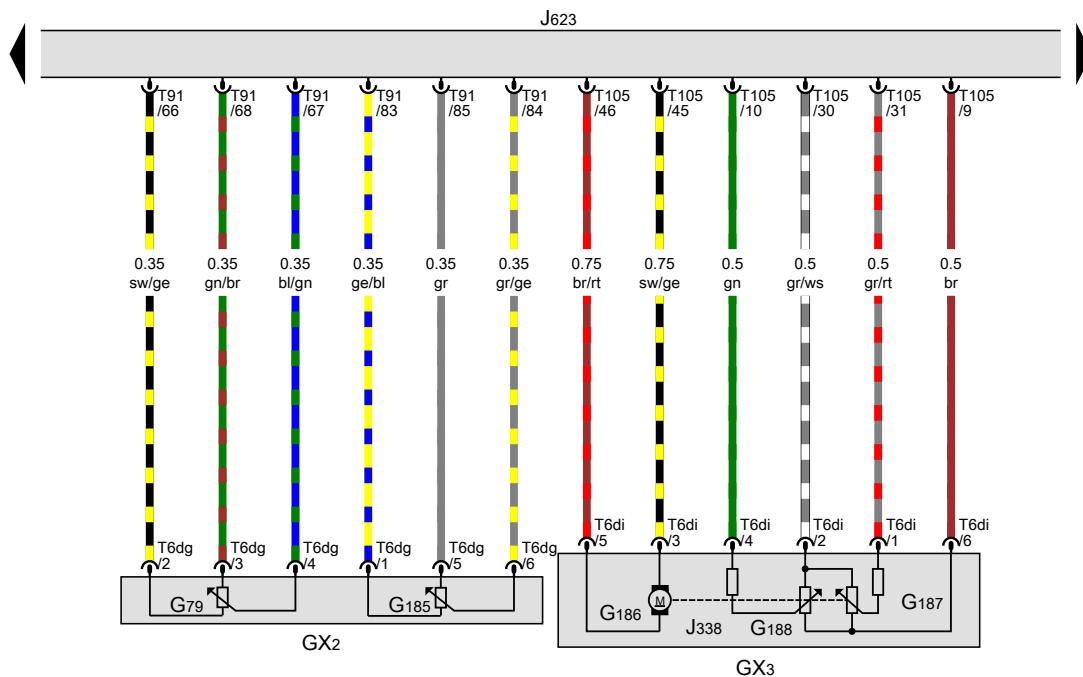
281 Earth point 1, engine prewiring harness

D141 Connection (5V) in engine prewiring harness

* Wiring colour depends on equipment

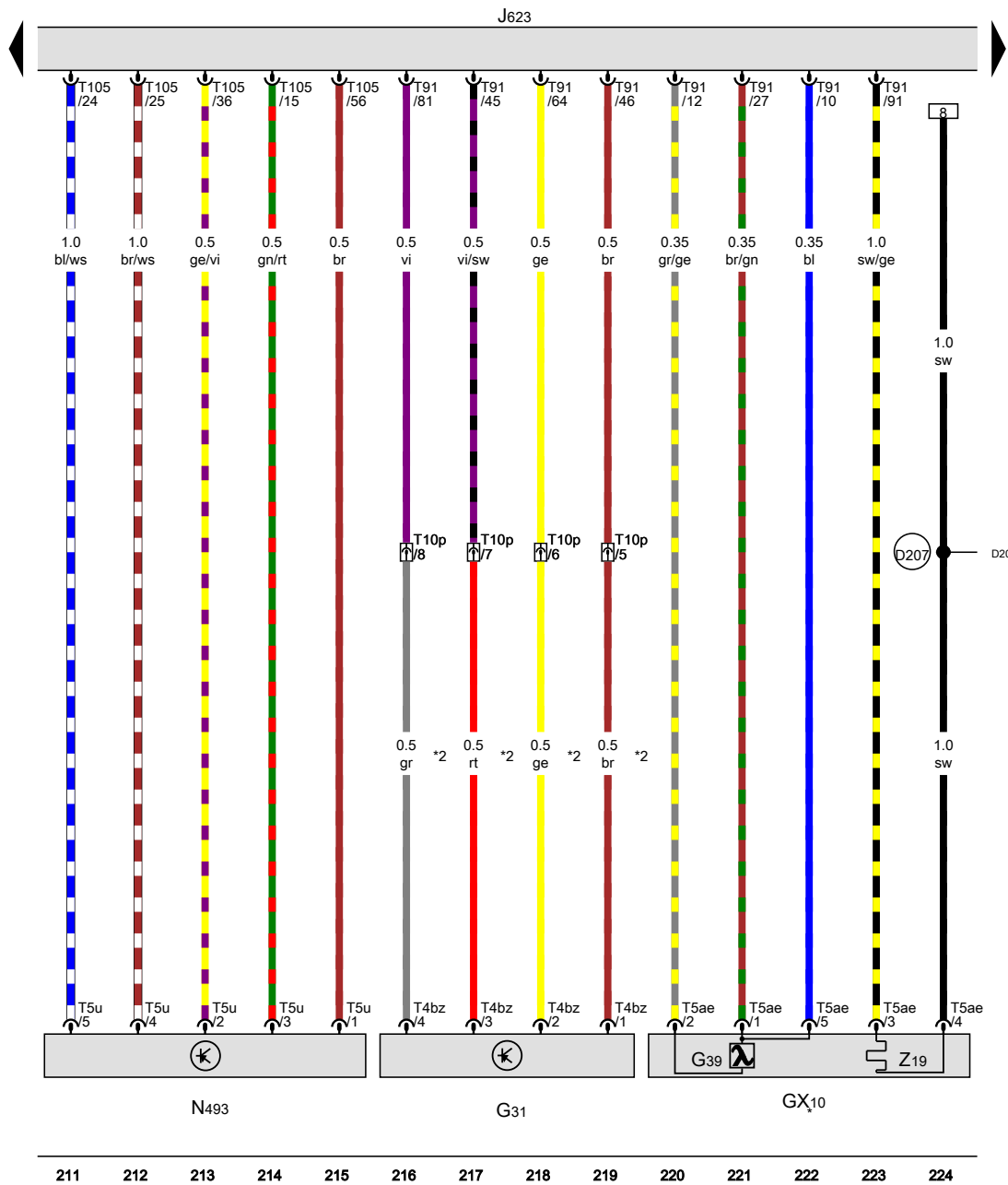
ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

Accelerator pedal module, Throttle valve module, Engine/
motor control unit



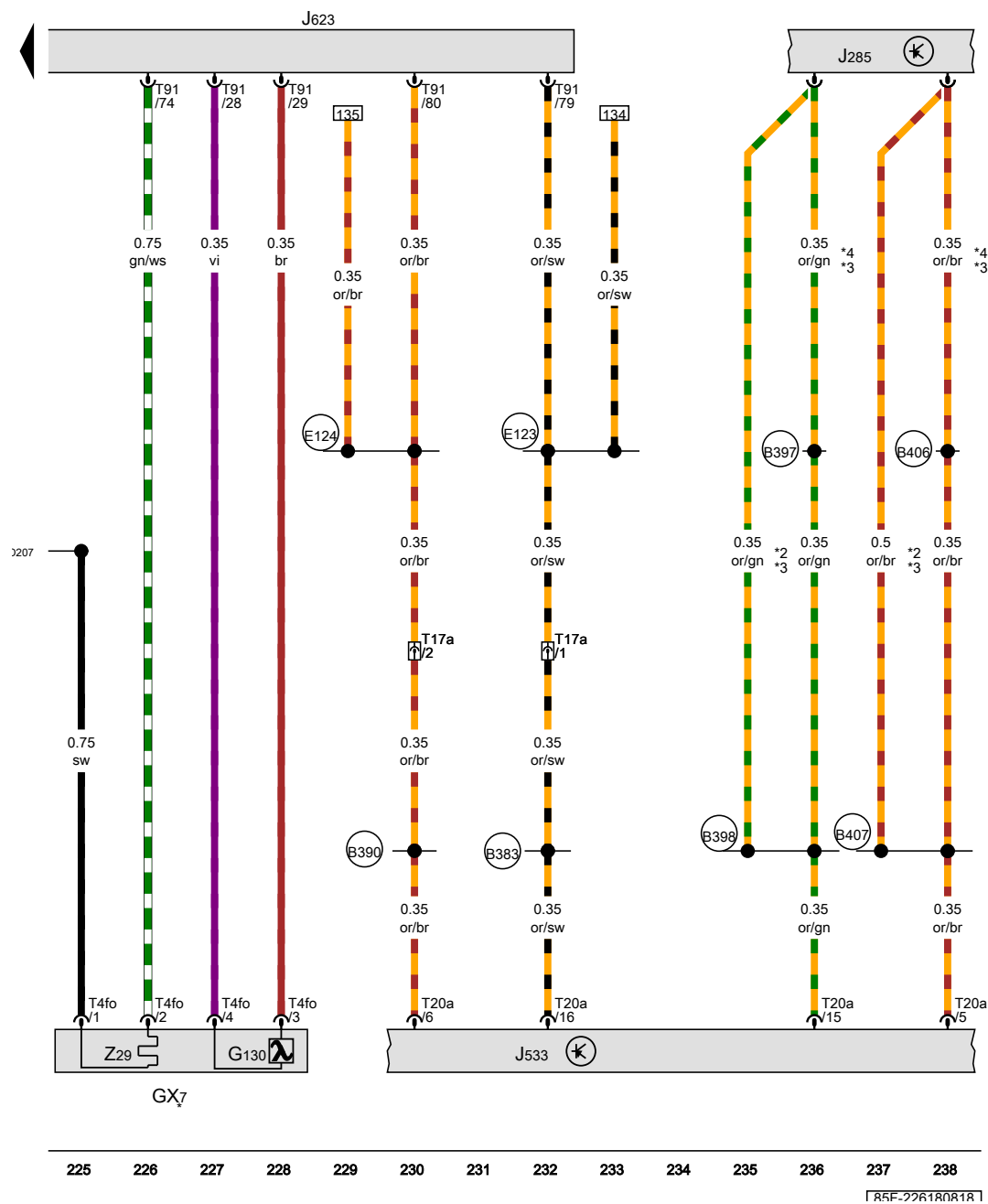
- GX2 Accelerator pedal module
- GX3 Throttle valve module
- G79 Accelerator position sender
- G185 Accelerator position sender 2
- G186 Throttle valve drive for electric throttle
- G187 Throttle valve drive angle sender 1 for electric throttle
- G188 Throttle valve drive angle sender 2 for electric throttle
- J338 Throttle valve module
- J623 Engine/motor control unit
- T6dg 6-pin connector, black
- T6di 6-pin connector, black
- T91 91-pin connector, black
- T105 105-pin connector, black

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
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- bl = blue
- gr = grey
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- vi = purple
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Lambda probe 1 before catalytic converter, Charge pressure sender, Engine/motor control unit, Actuator for engine temperature regulation

- GX10 Lambda probe 1 before catalytic converter
- G31 Charge pressure sender
- G39 Lambda probe
- J623 Engine/motor control unit
- N493 Actuator for engine temperature regulation
- T4bz 4-pin connector, black
- T5ae 5-pin connector
- T5u 5-pin connector, black
- T10p 10-pin connector, black
- T91 91-pin connector, black
- T105 105-pin connector, black
- Z19 Lambda probe heater
- D207 Connection 7 (87a), in engine compartment wiring harness
- * Pre-wired component
- *2 Different wire colour possible

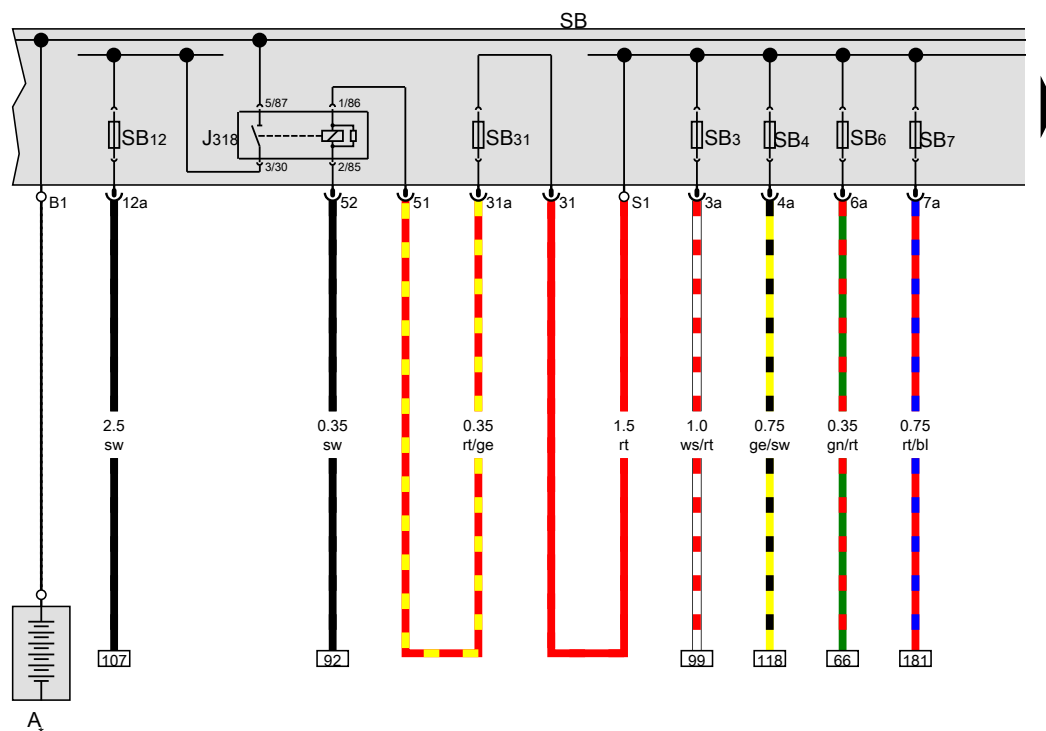


Lambda probe 1 after catalytic converter, Control unit in dash panel insert, Data bus diagnostic interface, Engine/motor control unit

- GX7 Lambda probe 1 after catalytic converter
- G130 Lambda probe after catalytic converter
- J285 Control unit in dash panel insert
- J533 Data bus diagnostic interface
- J623 Engine/motor control unit
- T4fo 4-pin connector, black
- T17a 17-pin connector, on lower section of left A-pillar, black
- T20a 20-pin connector, red
- T91 91-pin connector, black
- Z29 Lambda probe 1 heater after catalytic converter
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness
- D207 Connection 7 (87a), in engine compartment wiring harness
- E123 Connection 1 (powertrain CAN bus, high), in engine wiring harness
- E124 Connection 1 (powertrain CAN bus, low), in engine wiring harness
- * Pre-wired component
- *2 For right-hand drive models
- *3 see applicable current flow diagram for dash panel insert
- *4 For left-hand drive models

1.5l natural gas engine , DHFA

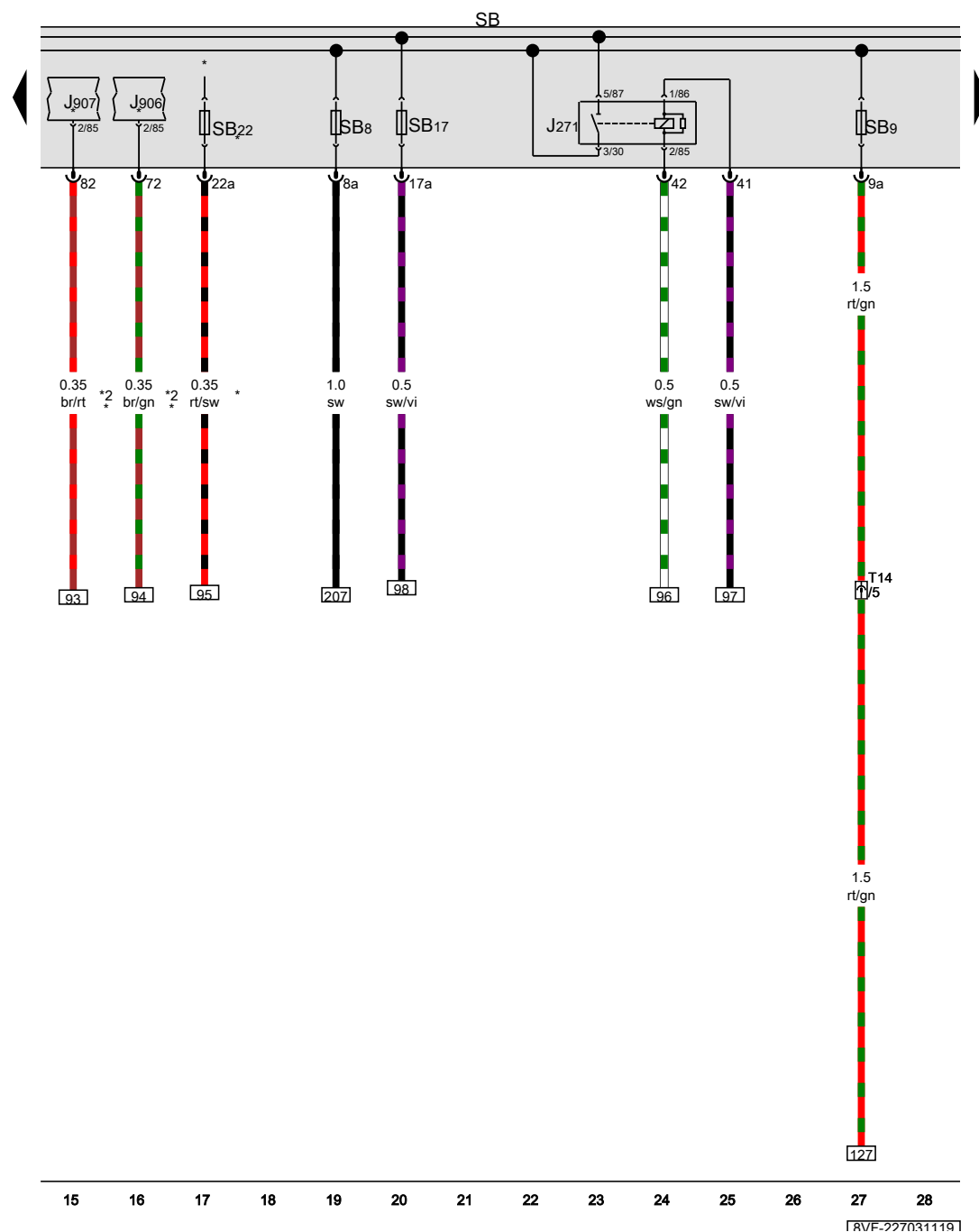
From November 2018



Vacuum pump relay, Fuse holder B

- A Battery
- J318 Vacuum pump relay
- SB Fuse holder B
- SB3 Fuse 3 on fuse holder B
- SB4 Fuse 4 on fuse holder B
- SB6 Fuse 6 on fuse holder B
- SB7 Fuse 7 on fuse holder B
- SB12 Fuse 12 on fuse holder B
- SB31 Fuse 31 on fuse holder B
- * see applicable current flow diagram for battery in engine compartment

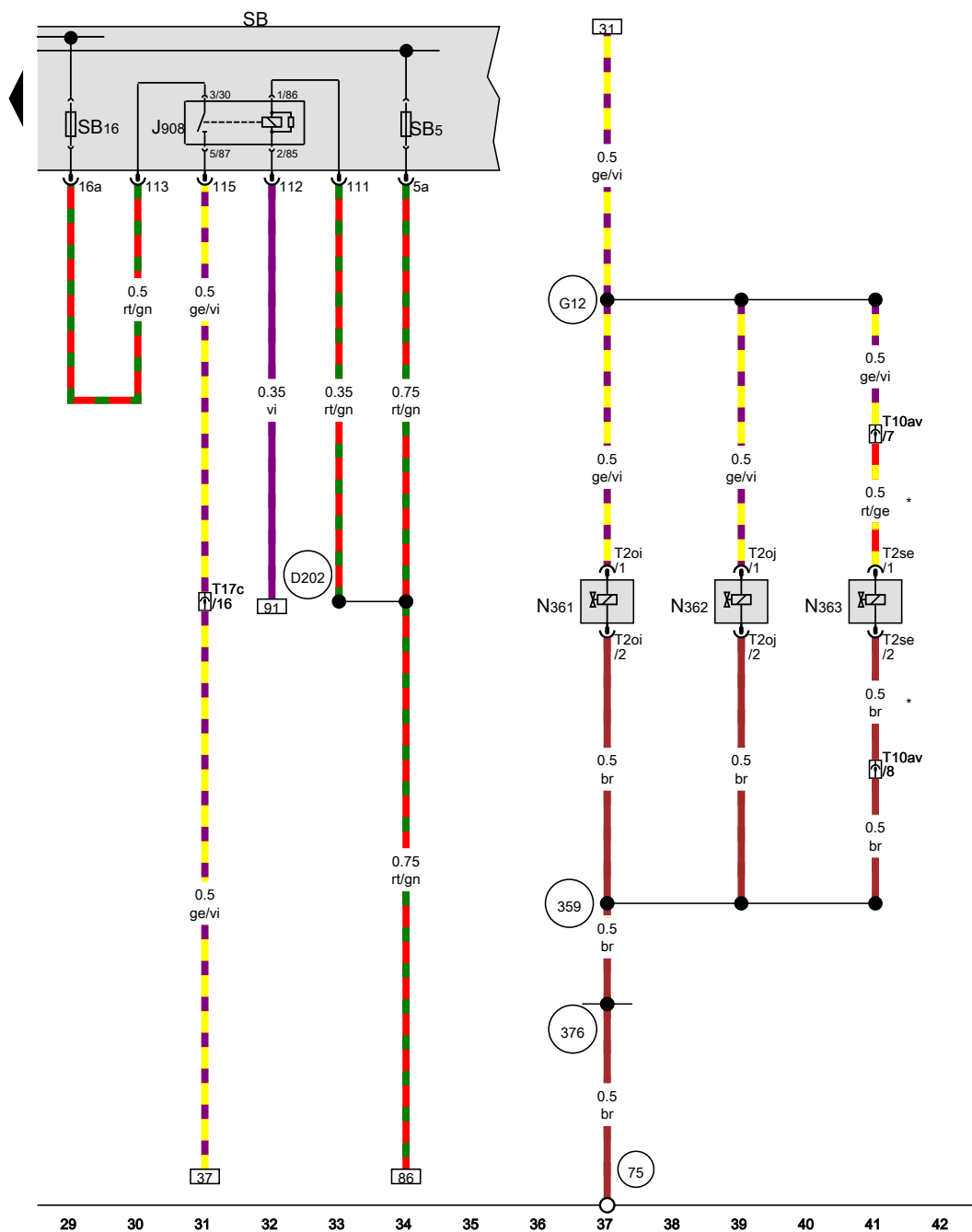
ws = white
 sw = black
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 bl = blue
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 or = orange
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Main relay, Fuse holder B

- J271 Main relay
- J906 Starter relay 1
- J907 Starter relay 2
- SB Fuse holder B
- SB8 Fuse 8 on fuse holder B
- SB9 Fuse 9 on fuse holder B
- SB17 Fuse 17 on fuse holder B
- SB22 Fuse 22 on fuse holder B
- T14 14-pin connector, near front left longitudinal member, grey
- * see applicable current flow diagram for battery in engine compartment
- *2 For models with start/stop system

ws = white
 sw = black
 ro = red
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Relay for gas shut-off valves, Fuel tank shut-off valve 1, Fuel tank shut-off valve 2, Fuel tank shut-off valve 3, Fuse holder B

- J908 Relay for gas shut-off valves
- N361 Fuel tank shut-off valve 1
- N362 Fuel tank shut-off valve 2
- N363 Fuel tank shut-off valve 3
- SB Fuse holder B
- SB5 Fuse 5 on fuse holder B
- SB16 Fuse 16 on fuse holder B
- T2oi 2-pin connector, black
- T2oj 2-pin connector, black
- T2se 2-pin connector, black
- T10av 10-pin connector, in rear right interior wiring harness, near tank filler neck, black
- T17c 17-pin connector, red

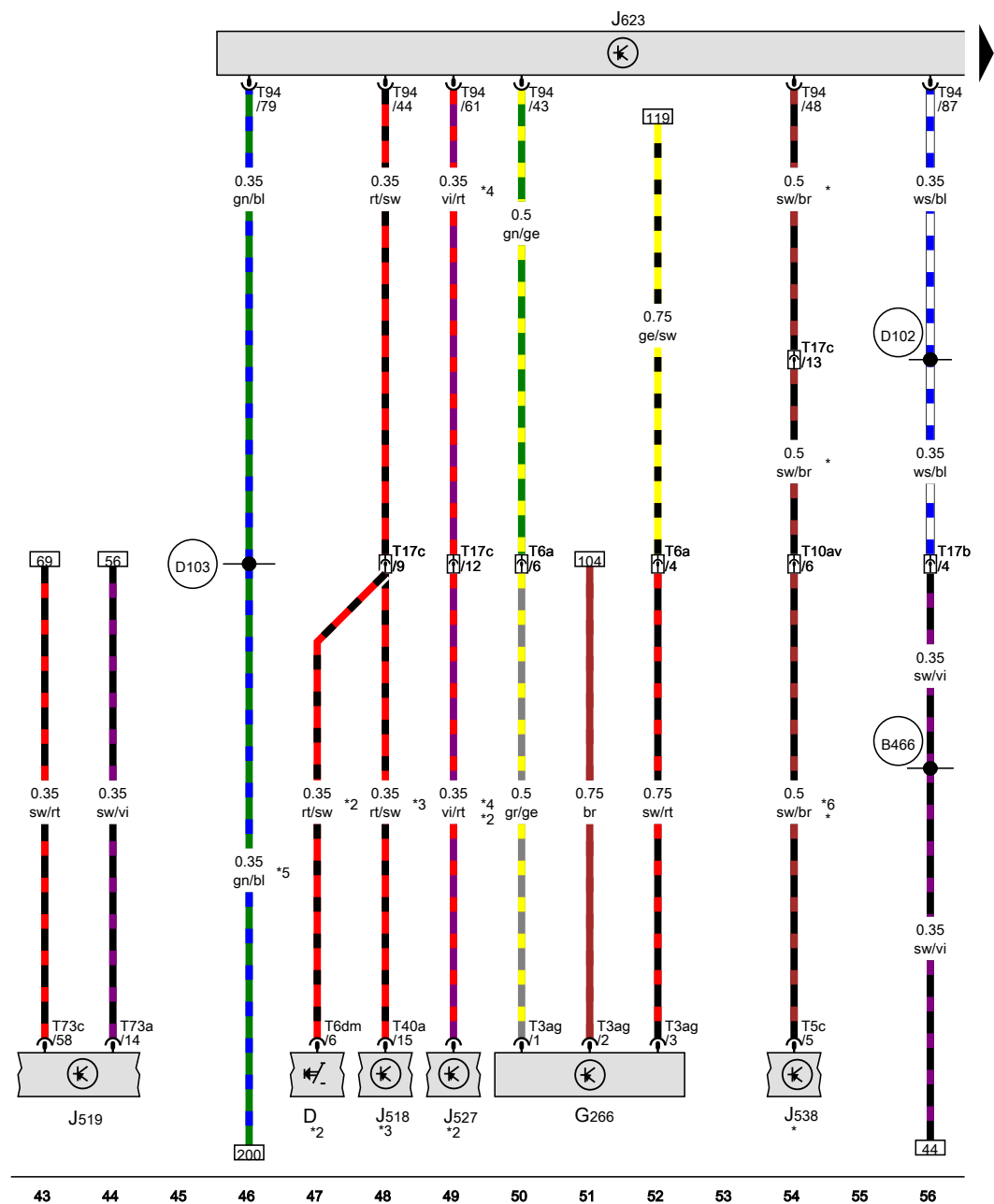
- 75 Earth point, rear right pillar
- 359 Earth connection, in gas mode wiring harness
- 376 Earth connection 11, in main wiring harness
- D202 Connection 6 (87a), in engine compartment wiring harness
- G12 Connection 1 in gas mode wiring harness

* Different wire colour possible

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18VVF-2270411191

Oil level and oil temperature sender, Entry and start authorisation control unit, Onboard supply control unit, Steering column electronics control unit, Fuel pump control unit, Engine/motor control unit



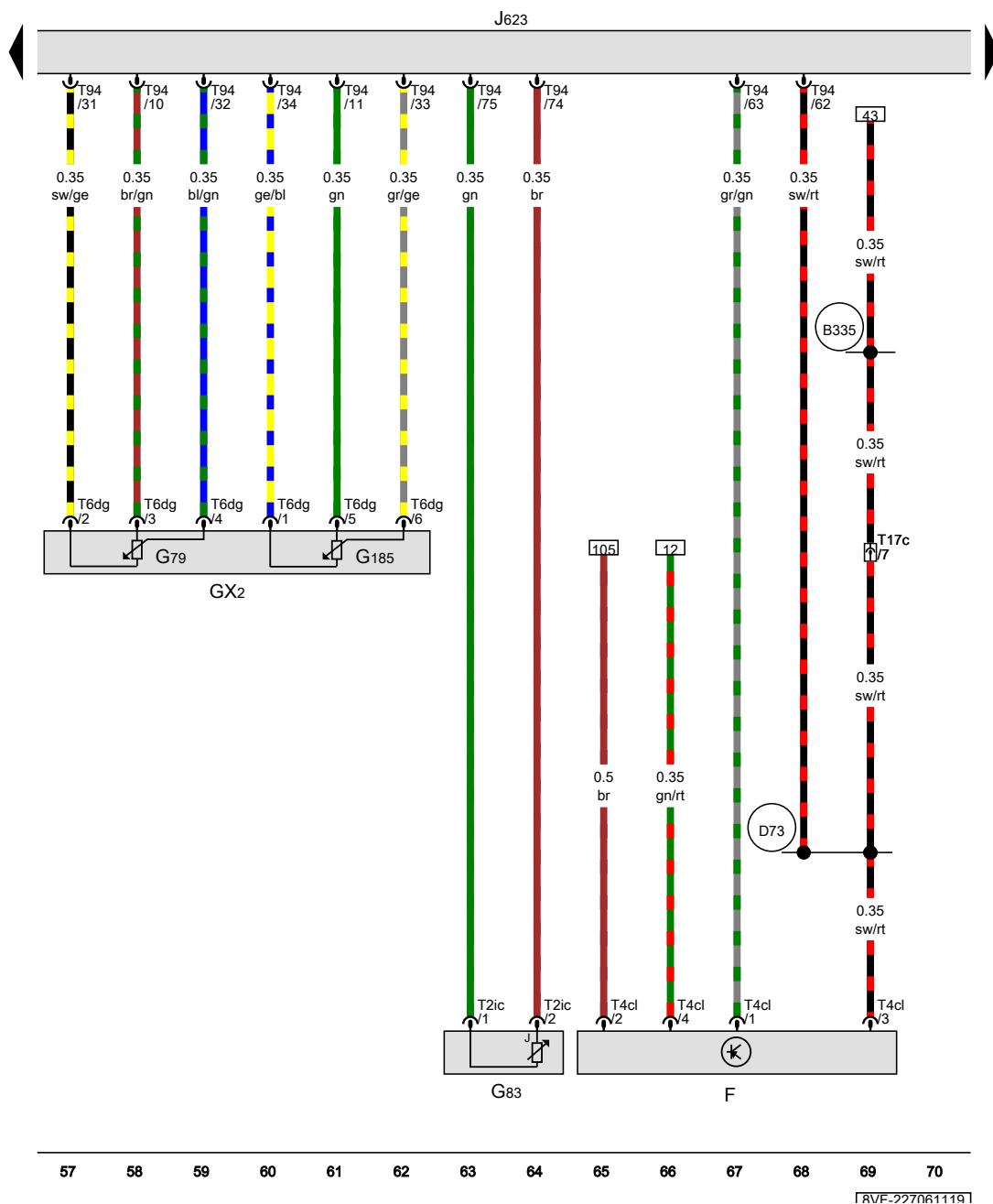
- D Ignition/starter switch
- G266 Oil level and oil temperature sender
- J518 Entry and start authorisation control unit
- J519 Onboard supply control unit
- J527 Steering column electronics control unit
- J538 Fuel pump control unit
- J623 Engine/motor control unit
- T3ag 3-pin connector, black
- T5c 5-pin connector, black
- T6a 6-pin connector, black
- T6dm 6-pin connector, black
- T10av 10-pin connector, in rear right interior wiring harness, near tank filler neck, black
- T17b 17-pin connector, on lower section of left A-pillar, brown
- T17c 17-pin connector, on lower section of left A-pillar, red
- T40a 40-pin connector, black
- T73a 73-pin connector, black
- T73c 73-pin connector, black
- T94 94-pin connector, black

- B466 Connection 2, in main wiring harness
- D102 Connection 2 in engine compartment wiring harness
- D103 Connection 3 in engine compartment wiring harness

- * see applicable current flow diagram for fuel system
- *2 see applicable current flow diagram for steering column electronics
- *3 see applicable current flow diagram for entry and start authorisation
- *4 For models with cruise control system (CCS)
- *5 For models with dual clutch gearbox
- *6 Different wire colour possible

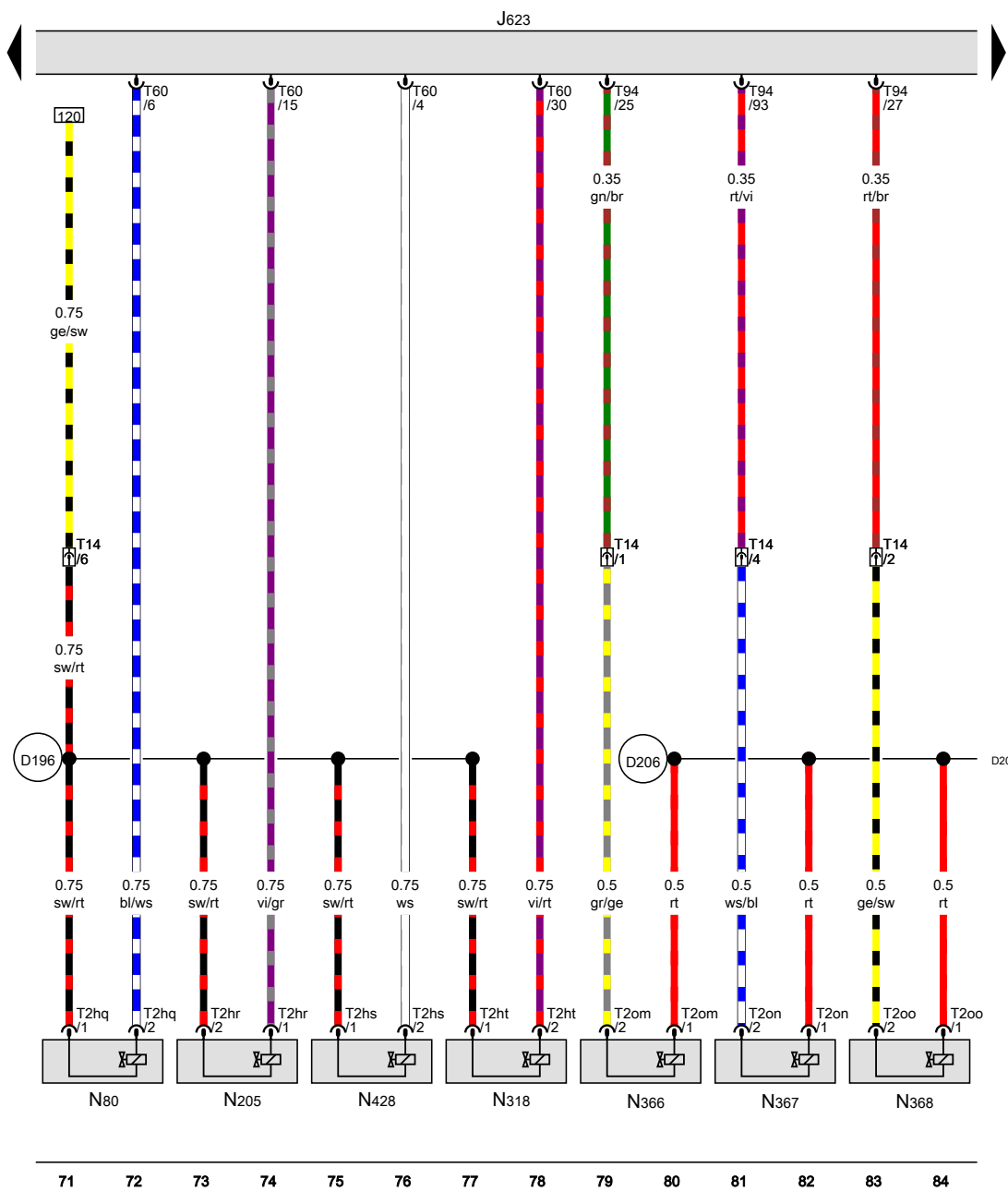
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1AVF-227051119



Brake light switch, Accelerator pedal module, Accelerator position sender, Radiator outlet coolant temperature sender, Accelerator position sender 2, Engine/motor control unit

- F Brake light switch
- GX2 Accelerator pedal module
- G79 Accelerator position sender
- G83 Radiator outlet coolant temperature sender
- G185 Accelerator position sender 2
- J623 Engine/motor control unit
- T2ic 2-pin connector, black
- T4cl 4-pin connector, black
- T6dg 6-pin connector, black
- T17c 17-pin connector, on lower section of left A-pillar, red
- T94 94-pin connector, black
- B335 Connection 1 (54), in main wiring harness
- D73 Positive connection (54), in engine compartment wiring harness



Engine/motor control unit, Activated charcoal filter solenoid valve 1, Camshaft control valve 1, Exhaust camshaft control valve 1, Gas injection valve 1, Gas injection valve 2, Gas injection valve 3, Valve for oil pressure control

- J623 Engine/motor control unit
- N80 Activated charcoal filter solenoid valve 1
- N205 Camshaft control valve 1
- N318 Exhaust camshaft control valve 1
- N366 Gas injection valve 1
- N367 Gas injection valve 2
- N368 Gas injection valve 3
- N428 Valve for oil pressure control
- T2hq 2-pin connector, black
- T2hr 2-pin connector, black
- T2hs 2-pin connector, black
- T2ht 2-pin connector, black
- T2om 2-pin connector, black
- T2on 2-pin connector, black
- T2oo 2-pin connector, black
- T14 14-pin connector, near front left longitudinal member, grey
- T60 60-pin connector, black
- T94 94-pin connector, black

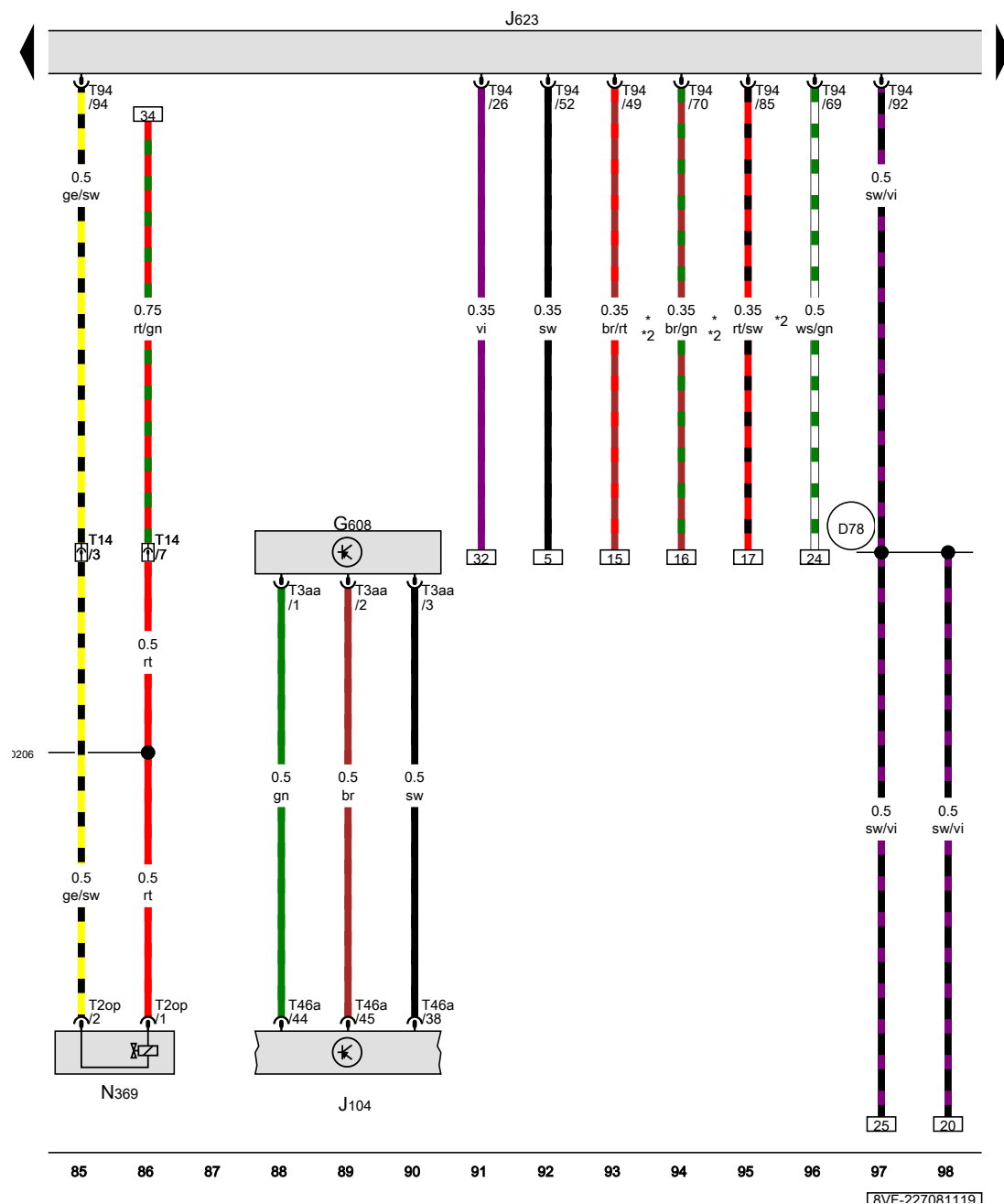
D196 Connection 2 (87a) in engine prewiring harness

D206 Connection 4 (87a) in engine prewiring harness

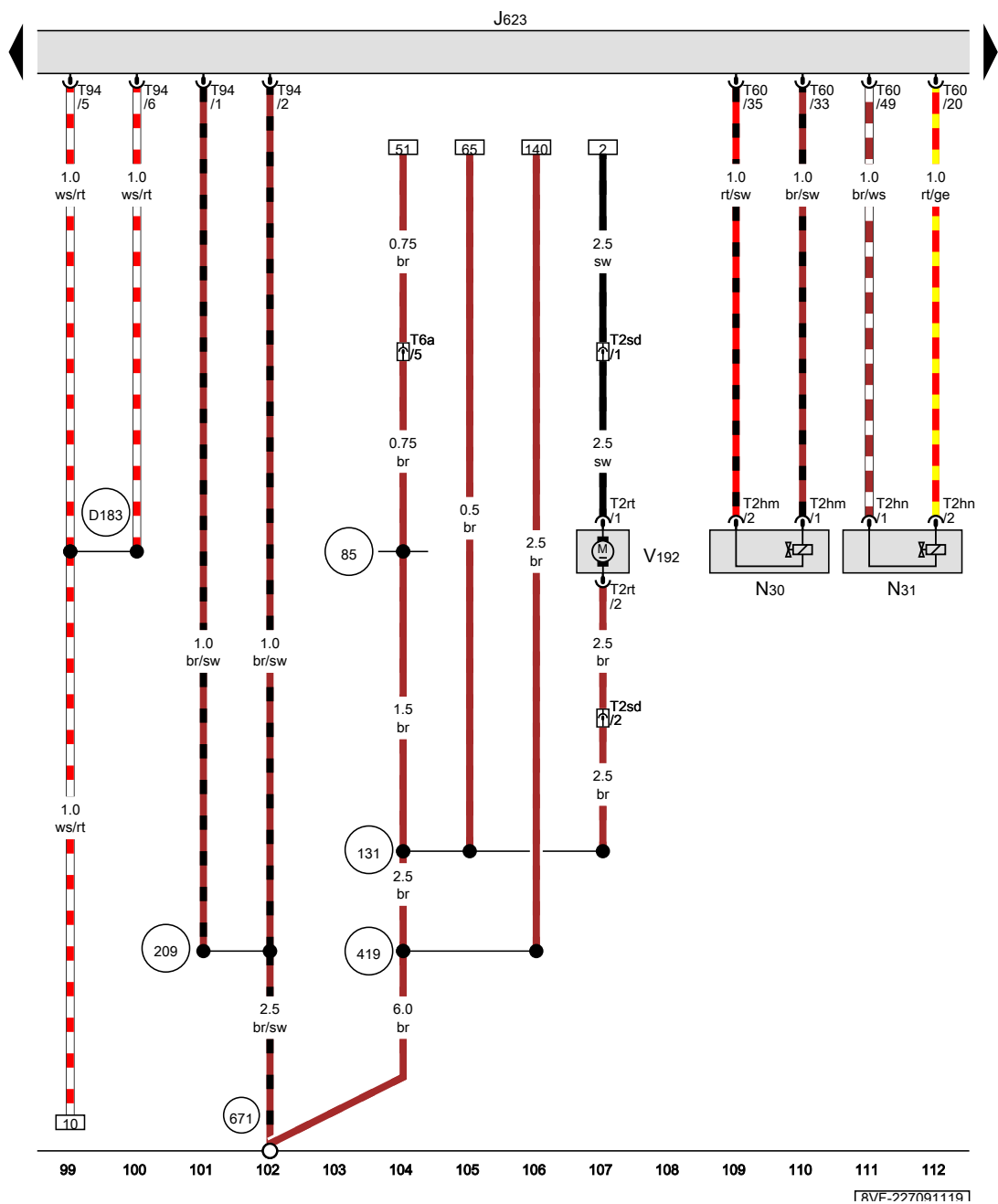
- ws = white
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[RVF-227071119]

Vacuum sender, ABS control unit, Engine/motor control unit, Gas injection valve 4



- G608 Vacuum sender
- J104 ABS control unit
- J623 Engine/motor control unit
- N369 Gas injection valve 4
- T2op 2-pin connector, black
- T3aa 3-pin connector, black
- T14 14-pin connector, near front left longitudinal member, grey
- T46a 46-pin connector, black
- T94 94-pin connector, black
- D78 Positive connection 1 (30a), in engine compartment wiring harness
- D206 Connection 4 (87a) in engine prewiring harness
- * For models with start/stop system
- *2 see applicable current flow diagram for battery in engine compartment

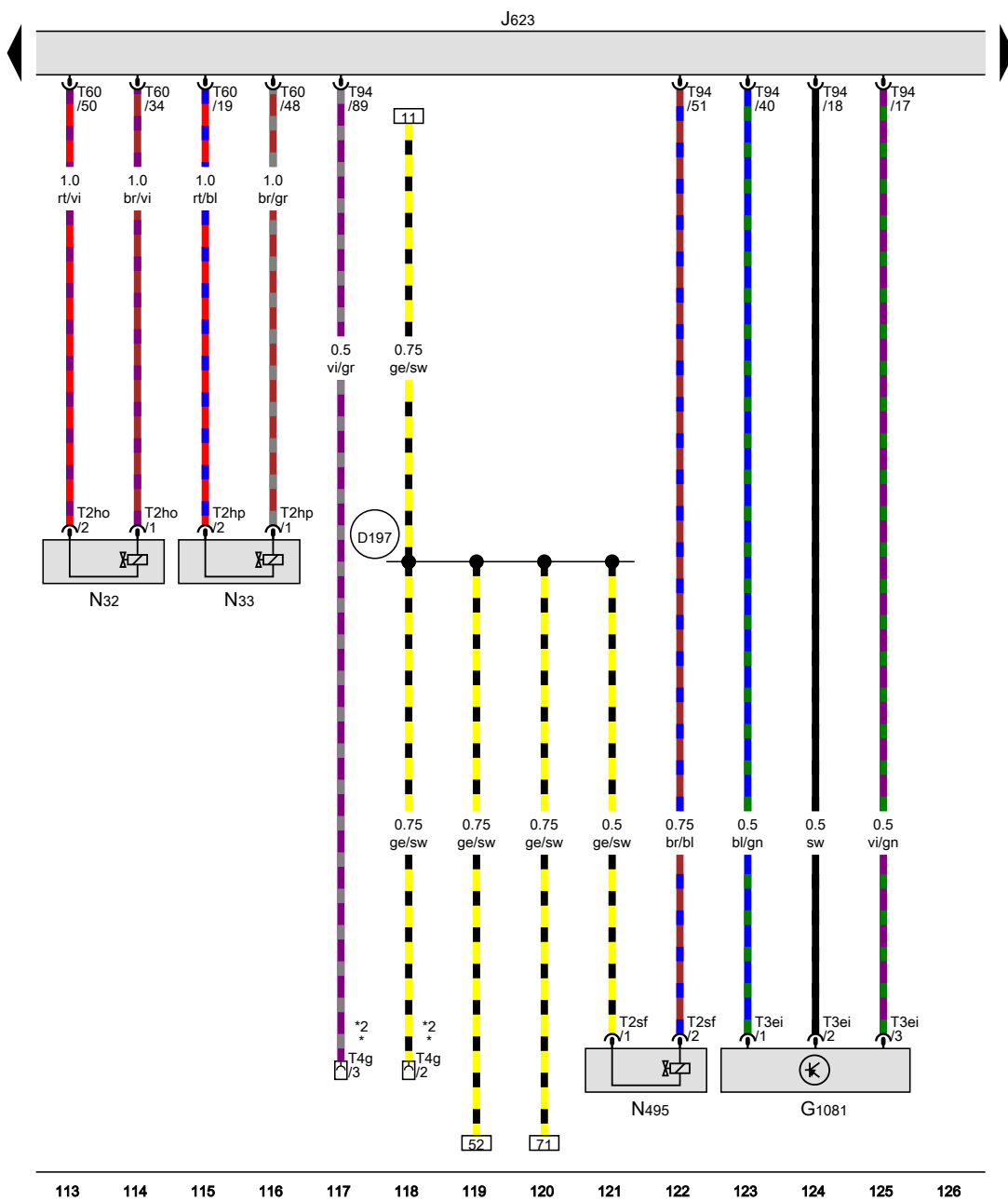


Engine/motor control unit, Injector, cylinder 1, Injector, cylinder 2, Vacuum pump for brakes

- J623 Engine/motor control unit
- N30 Injector, cylinder 1
- N31 Injector, cylinder 2
- T2hm 2-pin connector, black
- T2hn 2-pin connector, black
- T2rt 2-pin connector, black
- T2sd 2-pin connector, black
- T6a 6-pin connector, black
- T60 60-pin connector, black
- T94 94-pin connector, black
- V192 Vacuum pump for brakes

- 85 Earth connection 1, in engine compartment wiring harness
- 131 Earth connection 2, in engine compartment wiring harness
- 209 Earth connection 6, in engine compartment wiring harness
- 419 Earth connection 11, in engine compartment wiring harness
- 671 Earth point 1, on front of left longitudinal member
- D183 Connection 4 (87a), in engine compartment wiring harness

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- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
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- rs = pink

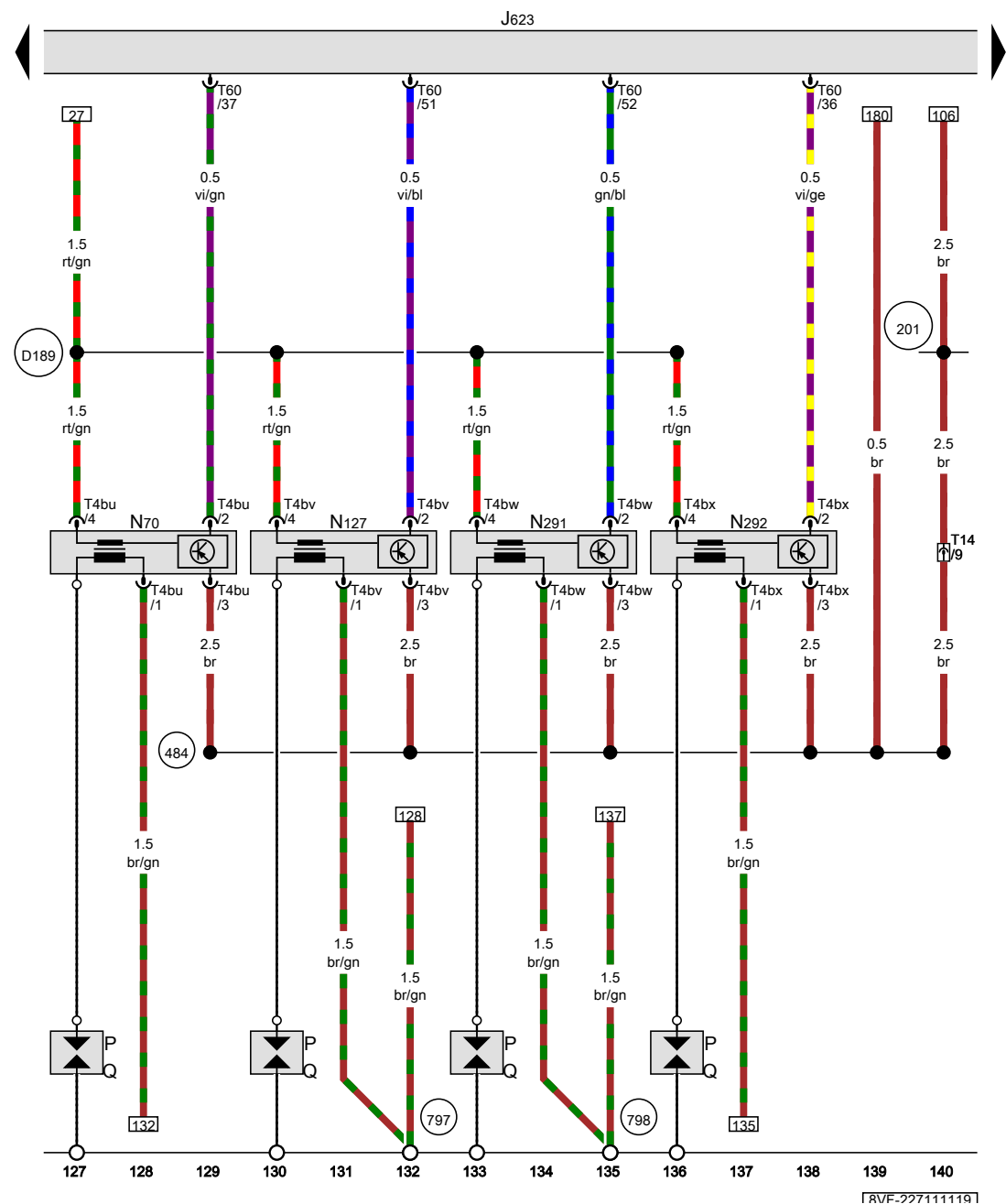


Gas tank pressure sensor, Engine/motor control unit, Injector, cylinder 3, Injector, cylinder 4, Gas tank valve

- G1081 Gas tank pressure sensor
- J623 Engine/motor control unit
- N32 Injector, cylinder 3
- N33 Injector, cylinder 4
- N495 Gas tank valve
- T2ho 2-pin connector, black
- T2hp 2-pin connector, black
- T2sf 2-pin connector, black
- T3ei 3-pin connector, black
- T4g 4-pin connector, black
- T60 60-pin connector, black
- T94 94-pin connector, black

D197 Connection 5 (87a), in engine compartment wiring harness

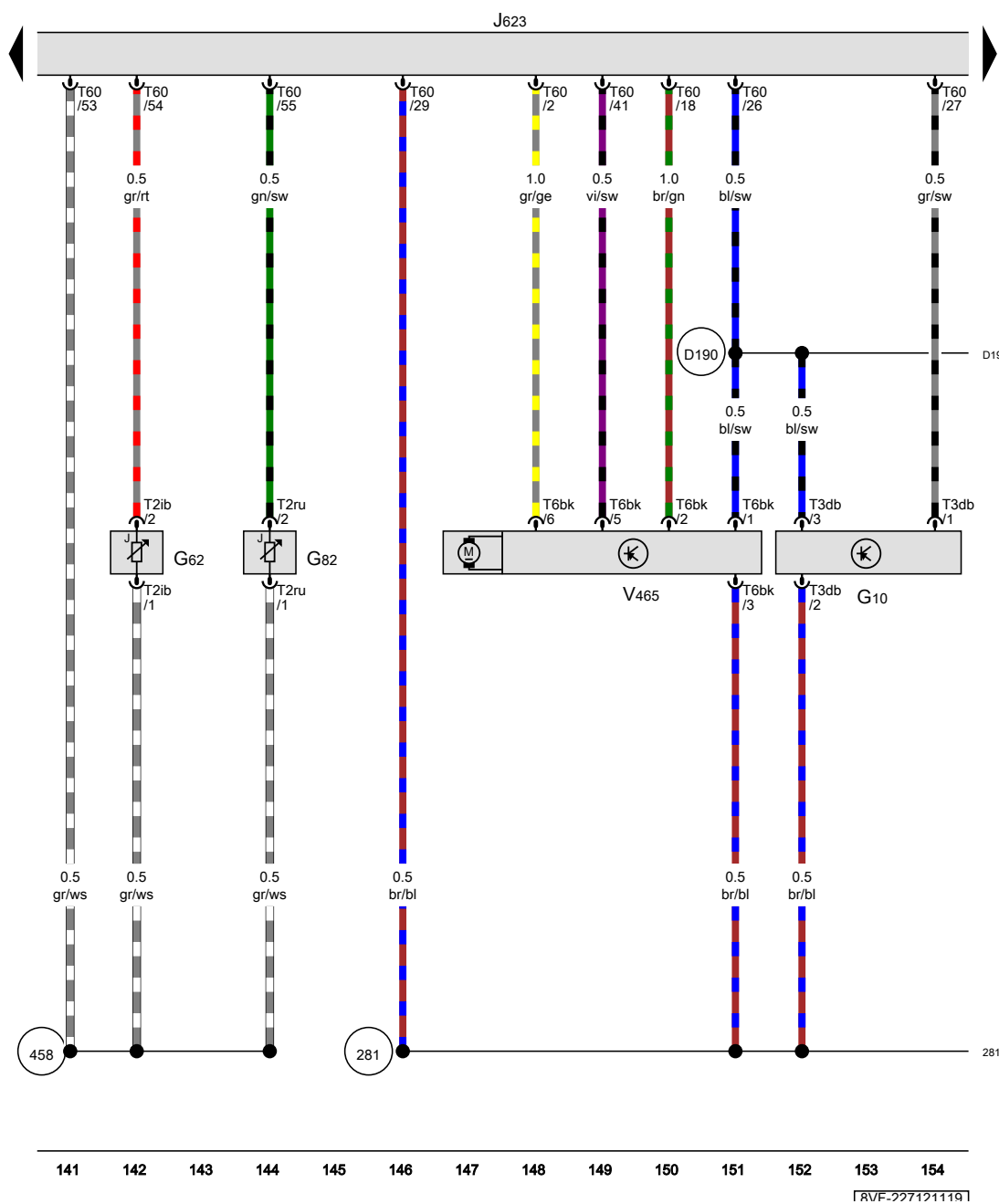
- * Radiator fan connection
- *2 see applicable current flow diagram for radiator fan



Engine/motor control unit, Ignition coil 1 with output stage, Ignition coil 2 with output stage, Ignition coil 3 with output stage, Ignition coil 4 with output stage

- J623 Engine/motor control unit
- N70 Ignition coil 1 with output stage
- N127 Ignition coil 2 with output stage
- N291 Ignition coil 3 with output stage
- N292 Ignition coil 4 with output stage
- P Spark plug connector
- Q Spark plugs
- T4bu 4-pin connector, black
- T4bv 4-pin connector, black
- T4bw 4-pin connector, black
- T4bx 4-pin connector, black
- T14 14-pin connector, near front left longitudinal member, grey
- T60 60-pin connector, black
- 201 Earth connection 5, in engine compartment wiring harness
- 484 Earth connection 2 (ignition coils), in engine prewiring harness
- 797 Earth point on cylinder block for ignition coil, cylinders 1 and 2
- 798 Earth point on cylinder block for ignition coil, cylinders 3 and 4
- D189 Connection (87a) in engine prewiring harness

ws = white
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 ro = red
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 br = brown
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 bl = blue
 gr = grey
 li = purple
 vi = purple
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 or = orange
 rs = pink

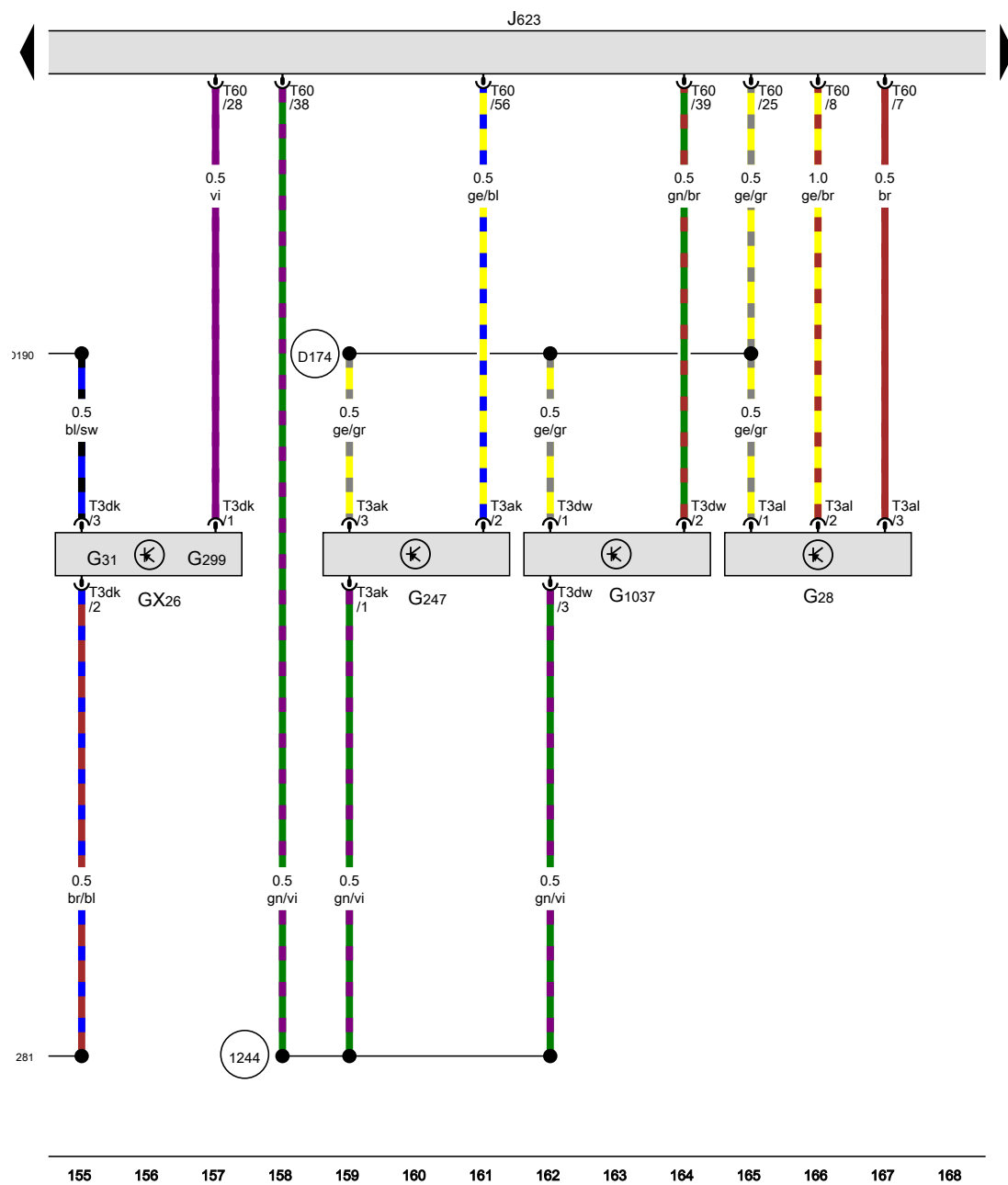


Oil pressure sender, Coolant temperature sender, Engine outlet coolant temperature sender, Engine/motor control unit, Charge pressure positioner

- G10 Oil pressure sender
- G62 Coolant temperature sender
- G82 Engine outlet coolant temperature sender
- J623 Engine/motor control unit
- T2ib 2-pin connector, black
- T2ru 2-pin connector, black
- T3db 3-pin connector, black
- T6bk 6-pin connector, grey
- T60 60-pin connector, black
- V465 Charge pressure positioner

- 281 Earth point 1, engine prewiring harness
- 458 Earth point 3, engine prewiring harness
- D190 Connection 3 (5V) in engine prewiring harness

- ws = white
- sw = black
- ro = red
- rt = red
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- gn = green
- bl = blue
- gr = grey
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Charge pressure sender, Engine speed sender, Fuel pressure sender, Pressure differential sender for particulate filter, Engine/motor control unit

- GX26 Charge pressure sender
- G28 Engine speed sender
- G31 Charge pressure sender
- G247 Fuel pressure sender
- G299 Intake air temperature sender 2
- G1037 Pressure differential sender for particulate filter
- J623 Engine/motor control unit
- T3ak 3-pin connector, black
- T3al 3-pin connector, black
- T3dk 3-pin connector, black
- T3dw 3-pin connector, black
- T60 60-pin connector, black

281 Earth point 1, engine prewiring harness

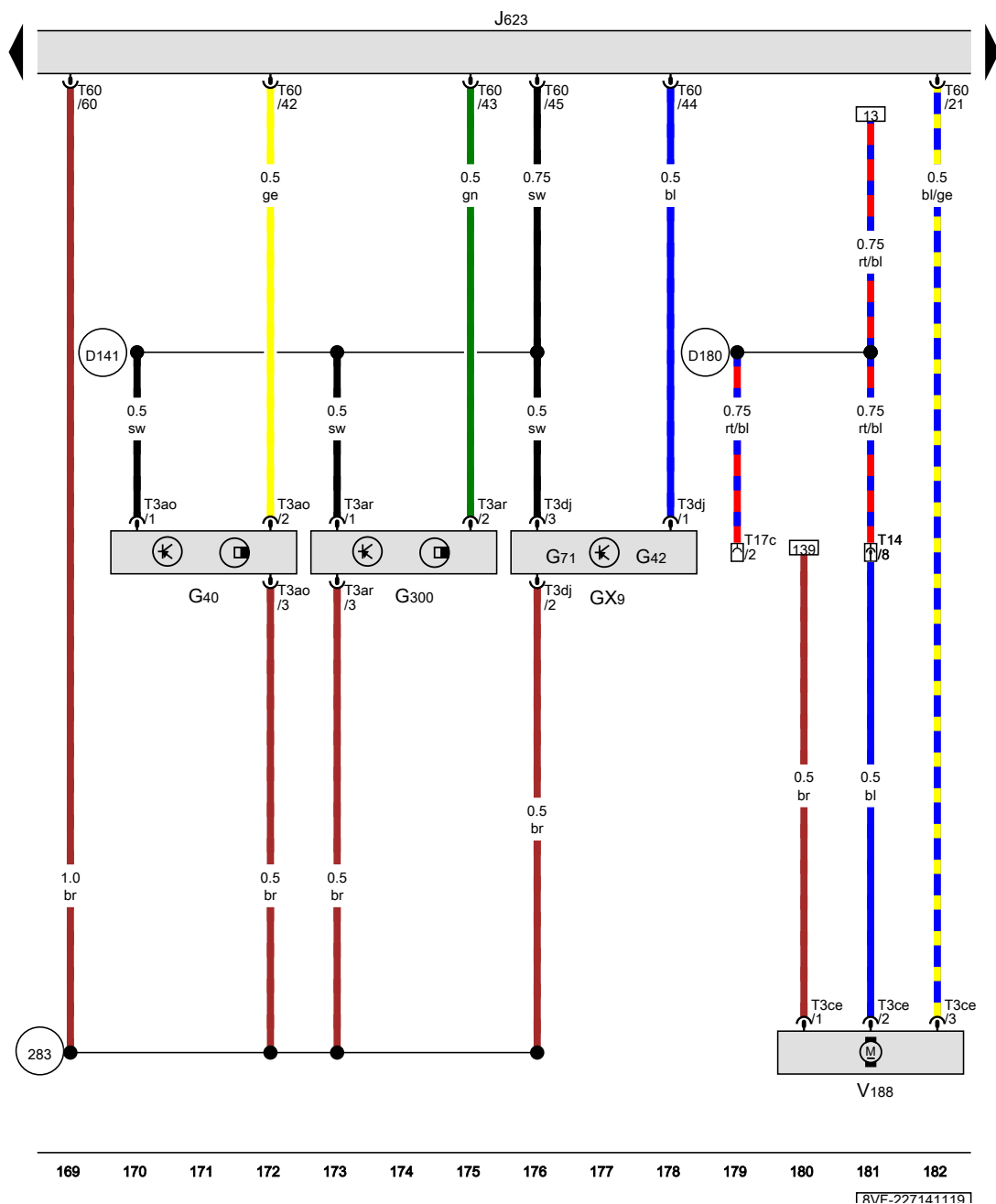
1244 Earth point 7, engine prewiring harness

D174 Connection 2 (5V) in engine prewiring harness

D190 Connection 3 (5V) in engine prewiring harness

- ws = white
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- gr = grey
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- vi = purple
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[AVF-227131119]

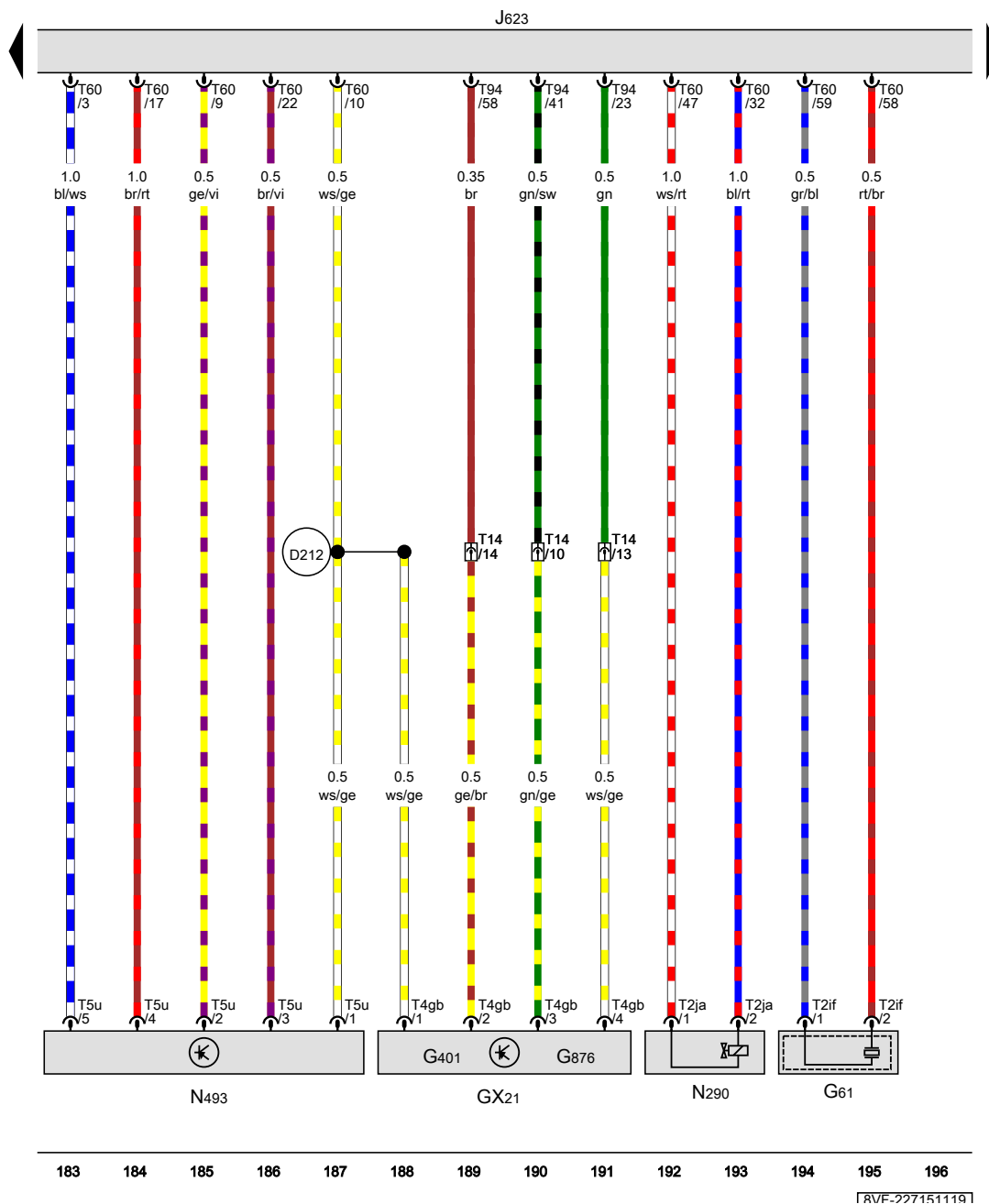


Intake manifold sender, Hall sender, Hall sender 3, Engine/motor control unit, Charge air cooling pump

- GX9 Intake manifold sender
- G40 Hall sender
- G42 Intake air temperature sender
- G71 Intake manifold pressure sender
- G300 Hall sender 3
- J623 Engine/motor control unit
- T3ao 3-pin connector, black
- T3ar 3-pin connector, black
- T3ce 3-pin connector, black
- T3dj 3-pin connector, black
- T14 14-pin connector, near front left longitudinal member, grey
- T17c 17-pin connector, on lower section of left A-pillar, red
- T60 60-pin connector, black
- V188 Charge air cooling pump
- 283 Earth point 2, engine prewiring harness
- D141 Connection (5V) in engine prewiring harness
- D180 Connection (87a), in engine compartment wiring harness

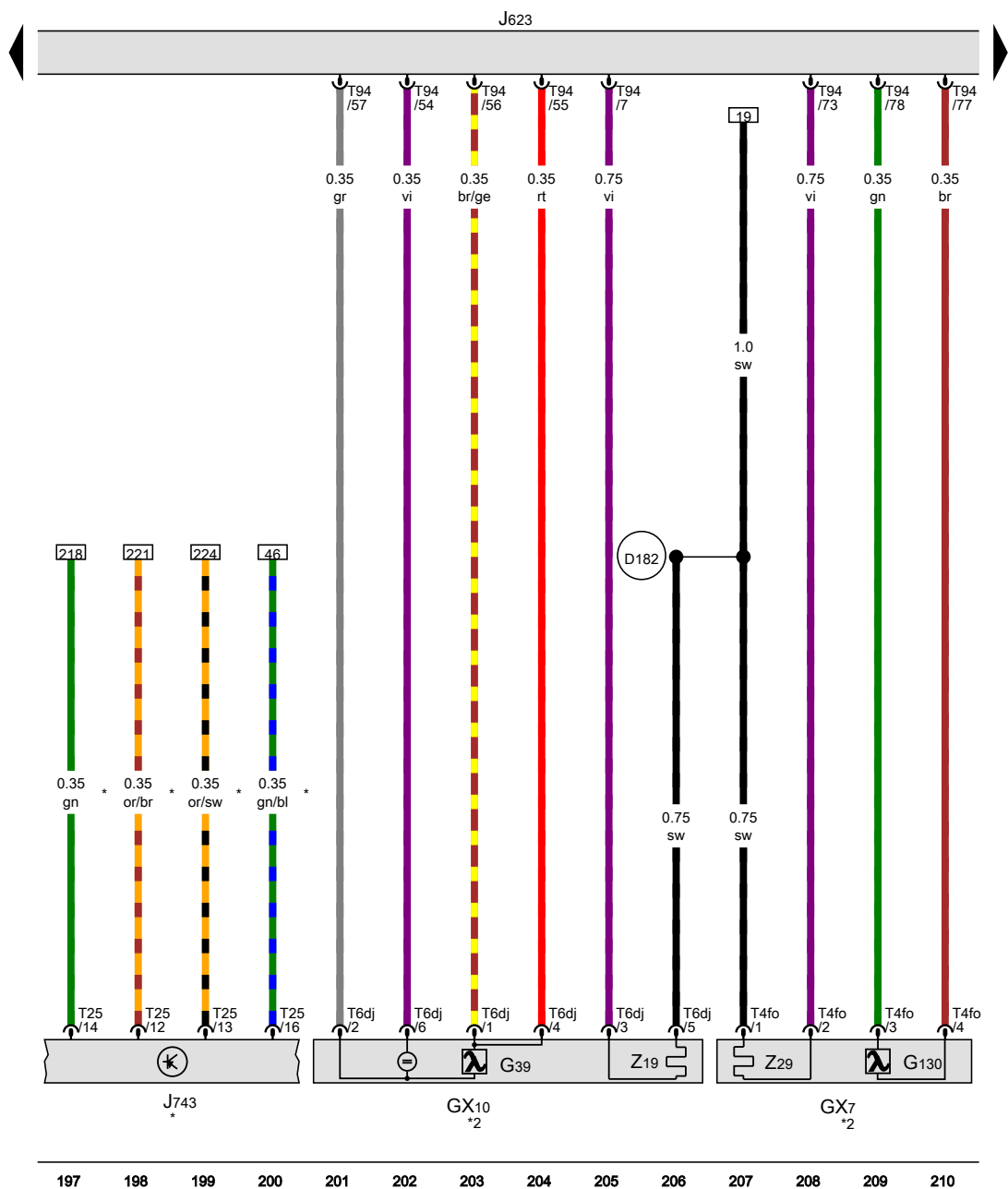
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Gas rail temperature and pressure sensor, Knock sensor 1, Engine/motor control unit, Fuel metering valve, Actuator for engine temperature regulation



- GX21 Gas rail temperature and pressure sensor
- G61 Knock sensor 1
- G401 Gas rail sensor
- G876 Temperature sender for alternative fuel system
- J623 Engine/motor control unit
- N290 Fuel metering valve
- N493 Actuator for engine temperature regulation
- T2if 2-pin connector, black
- T2ja 2-pin connector, black
- T4gb 4-pin connector, black
- T5u 5-pin connector, brown
- T14 14-pin connector, near front left longitudinal member, grey
- T60 60-pin connector, black
- T94 94-pin connector, black
- D212 Connection 4 (5V) in engine prewiring harness

ws = white
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 bl = blue
 gr = grey
 li = purple
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 ge = yellow
 or = orange
 rs = pink



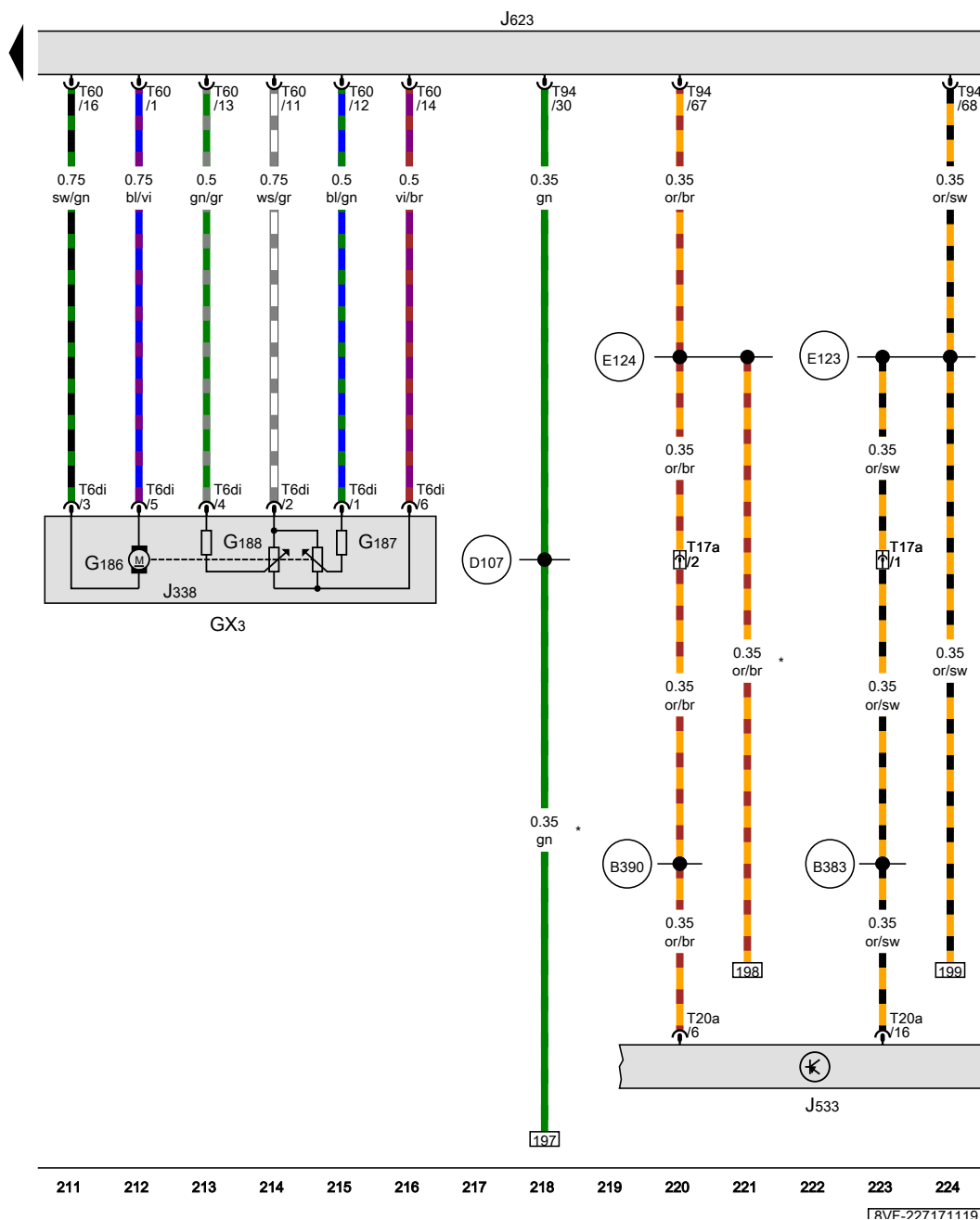
Lambda probe 1 after catalytic converter, Lambda probe 1 before catalytic converter, Lambda probe, Lambda probe after catalytic converter, Engine/motor control unit, Mechatronic unit for dual clutch gearbox, Lambda probe 1 heater after catalytic converter

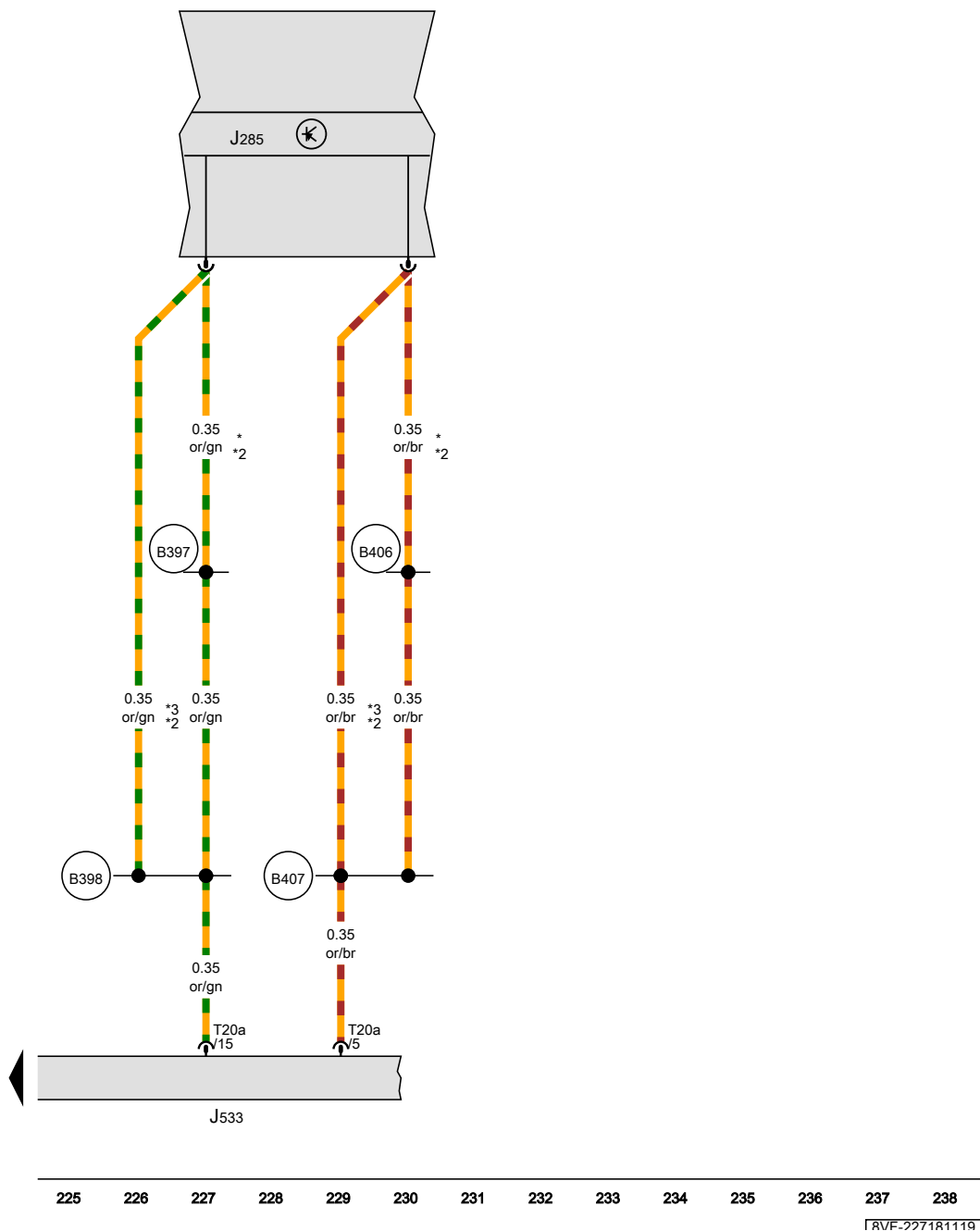
- GX7 Lambda probe 1 after catalytic converter
- GX10 Lambda probe 1 before catalytic converter
- G39 Lambda probe
- G130 Lambda probe after catalytic converter
- J623 Engine/motor control unit
- J743 Mechatronic unit for dual clutch gearbox
- T4fo 4-pin connector, black
- T6dj 6-pin connector, black
- T25 25-pin connector, black
- T94 94-pin connector, black
- Z19 Lambda probe heater
- Z29 Lambda probe 1 heater after catalytic converter
- D182 Connection 3 (87a), in engine compartment wiring harness
- * For models with dual clutch gearbox
- *2 Pre-wired component

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1AVF-2271611191

Throttle valve module, Throttle valve module, Data bus diagnostic interface, Engine/motor control unit





Control unit in dash panel insert, Data bus diagnostic interface

J285 Control unit in dash panel insert
J533 Data bus diagnostic interface
T20a 20-pin connector, red

B397 Connection 1 (convenience CAN bus, high), in main wiring harness

B398 Connection 2 (convenience CAN bus, high), in main wiring harness

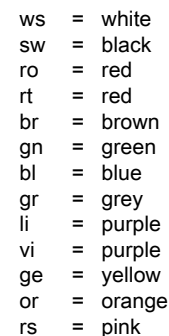
B406 Connection 1 (convenience CAN bus, low), in main wiring harness

B407 Connection 2 (convenience CAN bus, low), in main wiring harness

* For left-hand drive models
*2 see applicable current flow diagram for dash panel insert
*3 For right-hand drive models

Fuel system , (0F0)

From November 2018



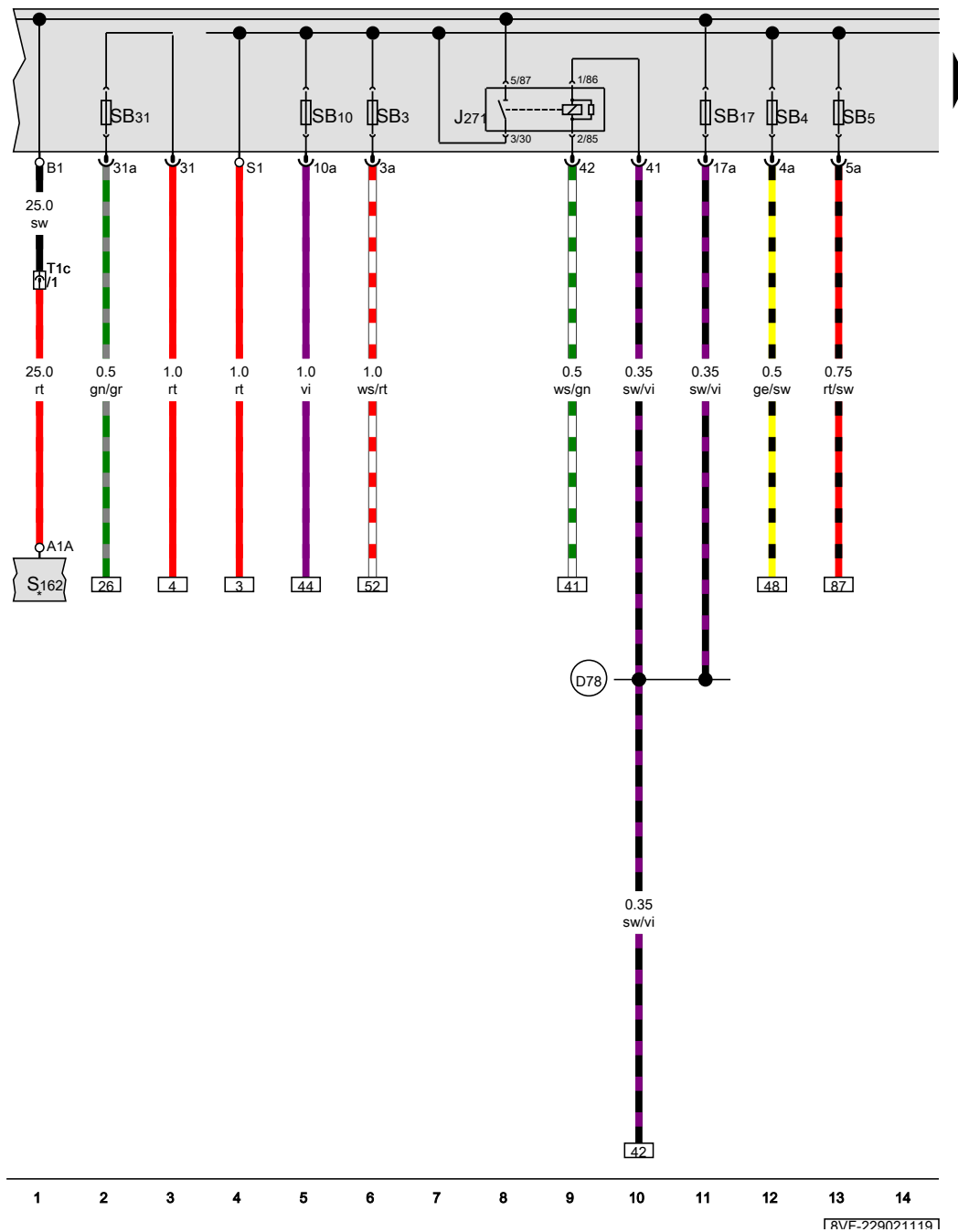
* see applicable current flow diagram for dash panel insert
*2 see applicable current flow diagram for engine
*3 According to equipment

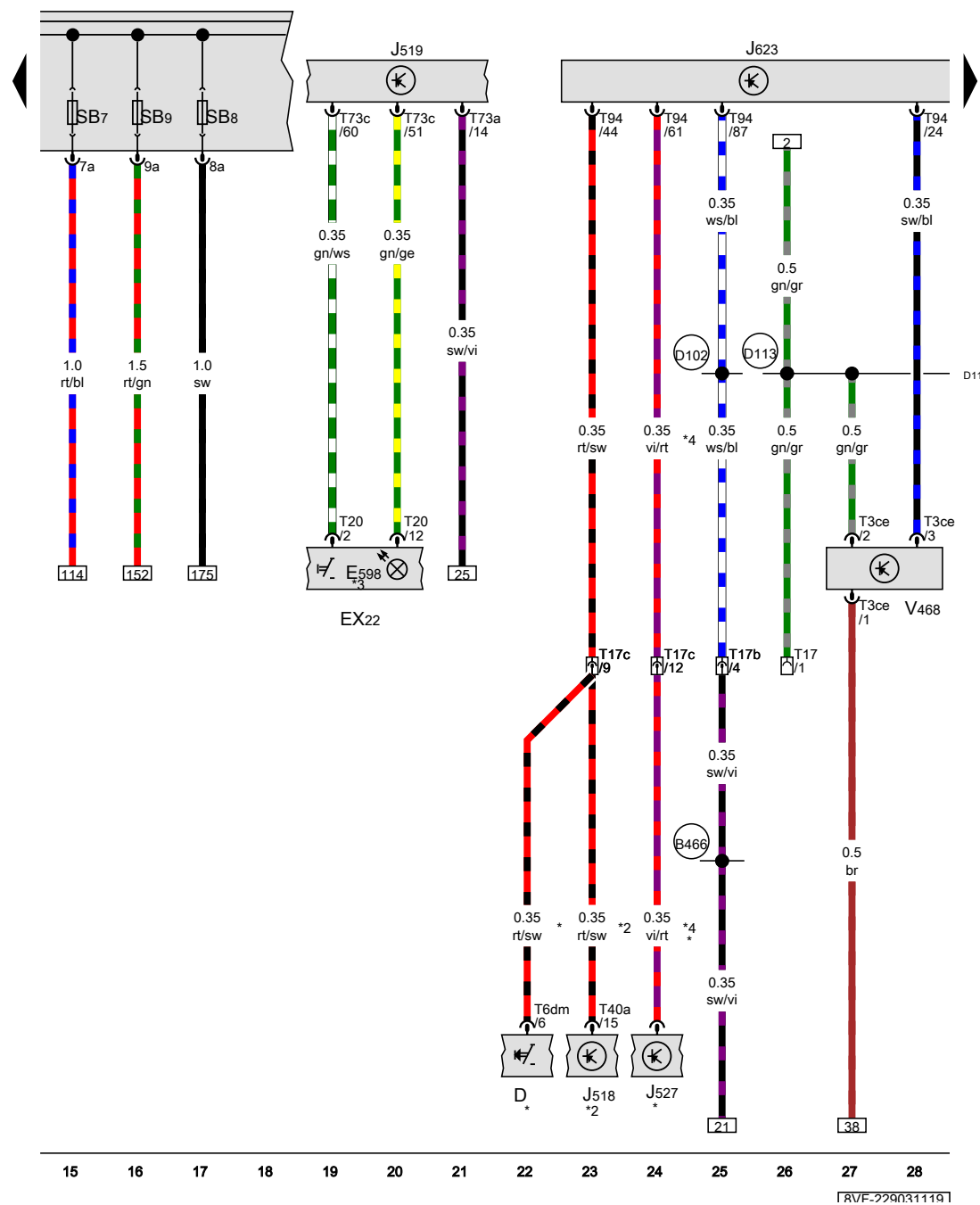
1.4l petrol engine , DGEA

From July 2019

Main relay

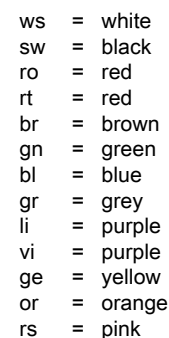
- J271 Main relay
- SB3 Fuse 3 on fuse holder B
- SB4 Fuse 4 on fuse holder B
- SB5 Fuse 5 on fuse holder B
- SB10 Fuse 10 on fuse holder B
- SB17 Fuse 17 on fuse holder B
- SB31 Fuse 31 on fuse holder B
- S162 Fuse 1 (30), in battery fuse holder
- T1c 1-pin connector
- D78 Positive connection 1 (30a), in engine compartment wiring harness
- * see applicable current flow diagram for high-voltage system



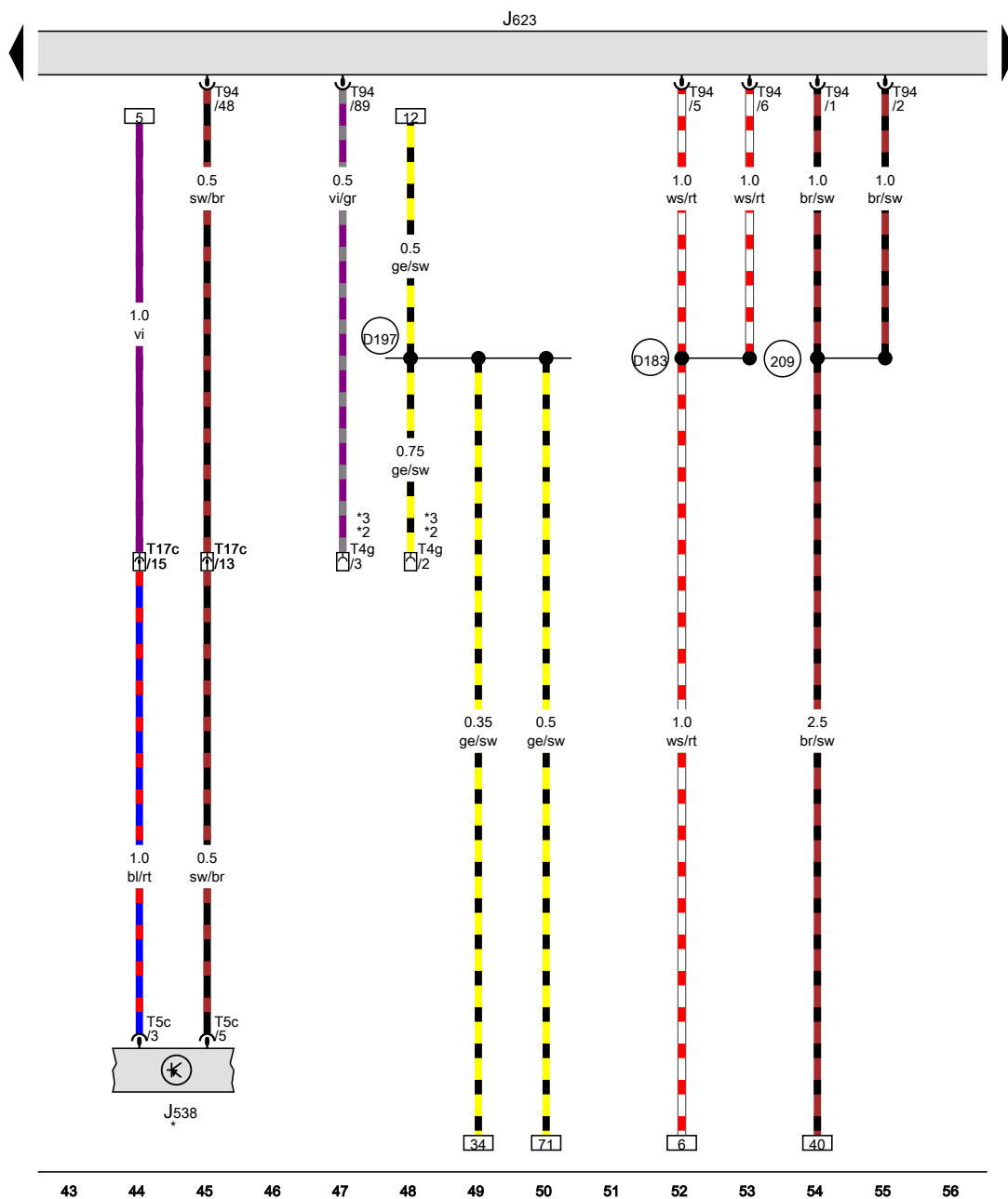


Centre switch module in dash panel, Onboard supply control unit, Steering column electronics control unit, Engine/motor control unit

- D Ignition/starter switch
- EX22 Centre switch module in dash panel
- E598 Driving program button
- J518 Entry and start authorisation control unit
- J519 Onboard supply control unit
- J527 Steering column electronics control unit
- J623 Engine/motor control unit
- SB7 Fuse 7 on fuse holder B
- SB8 Fuse 8 on fuse holder B
- SB9 Fuse 9 on fuse holder B
- T3ce 3-pin connector, black
- T6dm 6-pin connector, black
- T17 17-pin connector, on lower section of left A-pillar, blue
- T17b 17-pin connector, on lower section of left A-pillar, brown
- T17c 17-pin connector, on lower section of left A-pillar, red
- T20 20-pin connector, red
- T40a 40-pin connector, black
- T73a 73-pin connector, black
- T73c 73-pin connector, black
- T94 94-pin connector, black
- V468 Coolant pump for low-temperature circuit
- B466 Connection 2, in main wiring harness
- D102 Connection 2 in engine compartment wiring harness
- D113 Connection 11 in engine compartment wiring harness
- * see applicable current flow diagram for steering column electronics
- *2 see applicable current flow diagram for entry and start authorisation
- *3 If fitted
- *4 For models with cruise control system (CCS)



* Different wire colour possible



Fuel pump control unit, Engine/motor control unit

- J538 Fuel pump control unit
- J623 Engine/motor control unit
- T4g 4-pin connector, black
- T5c 5-pin connector, black
- T17c 17-pin connector, on lower section of left A-pillar, red
- T94 94-pin connector, black

209 Earth connection 6, in engine compartment wiring harness

D183 Connection 4 (87a), in engine compartment wiring harness

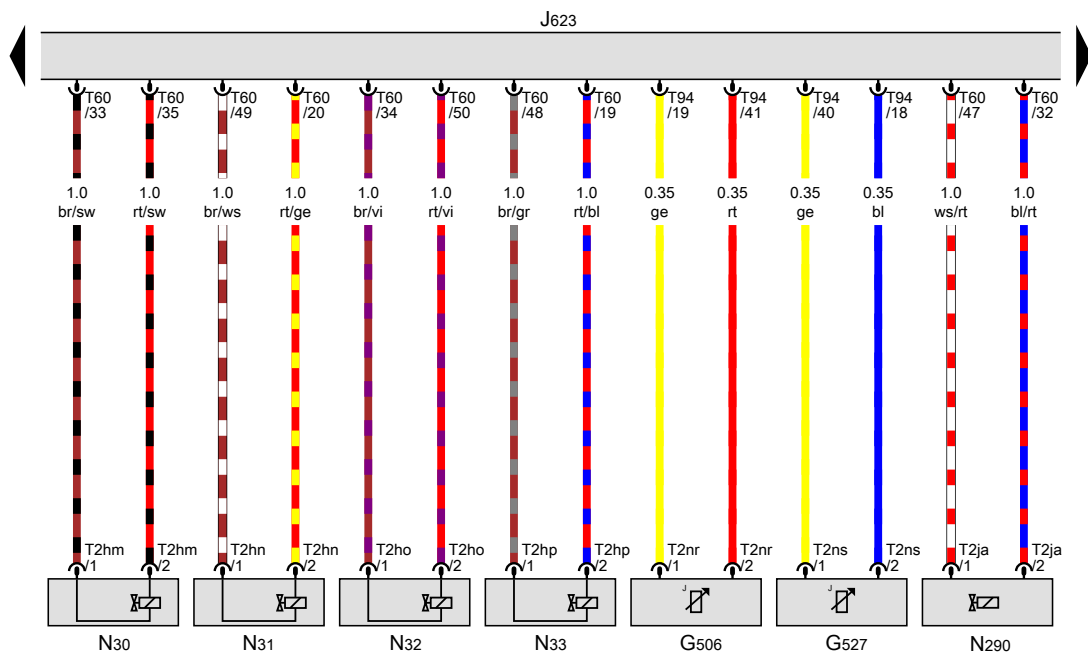
D197 Connection 5 (87a), in engine compartment wiring harness

* see applicable current flow diagram for fuel system

*2 Radiator fan connection

*3 see applicable current flow diagram for radiator fan

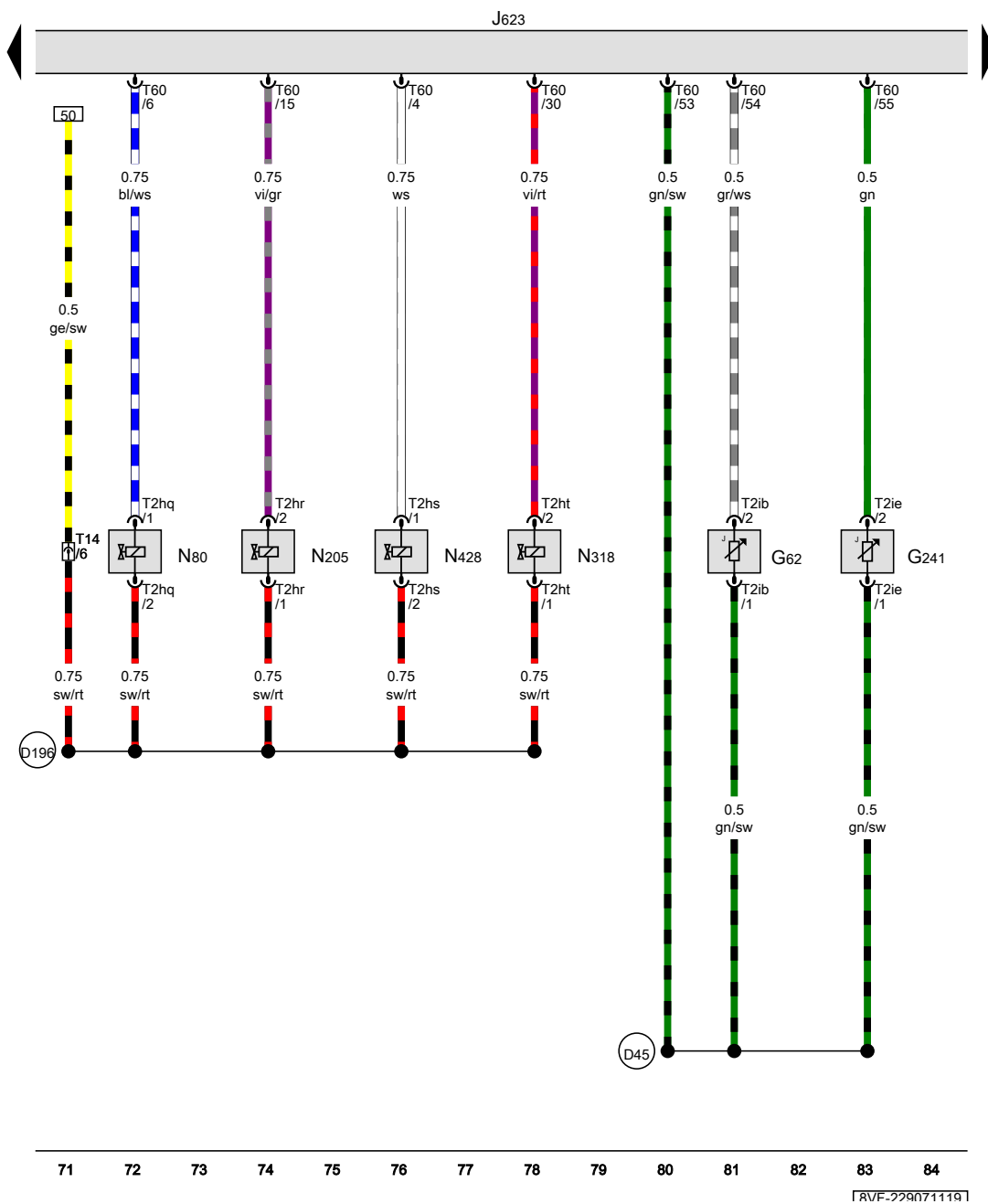
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- or = orange
- rs = pink



Temperature sender before particulate filter, Temperature sender after particulate filter, Engine/motor control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4, Fuel metering valve

- G506 Temperature sender before particulate filter
- G527 Temperature sender after particulate filter
- J623 Engine/motor control unit
- N30 Injector, cylinder 1
- N31 Injector, cylinder 2
- N32 Injector, cylinder 3
- N33 Injector, cylinder 4
- N290 Fuel metering valve
- T2hm 2-pin connector, black
- T2hn 2-pin connector, black
- T2ho 2-pin connector, black
- T2hp 2-pin connector, black
- T2ja 2-pin connector, black
- T2nr 2-pin connector, brown
- T2ns 2-pin connector, colourless
- T60 60-pin connector, black
- T94 94-pin connector, black

- ws = white
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- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
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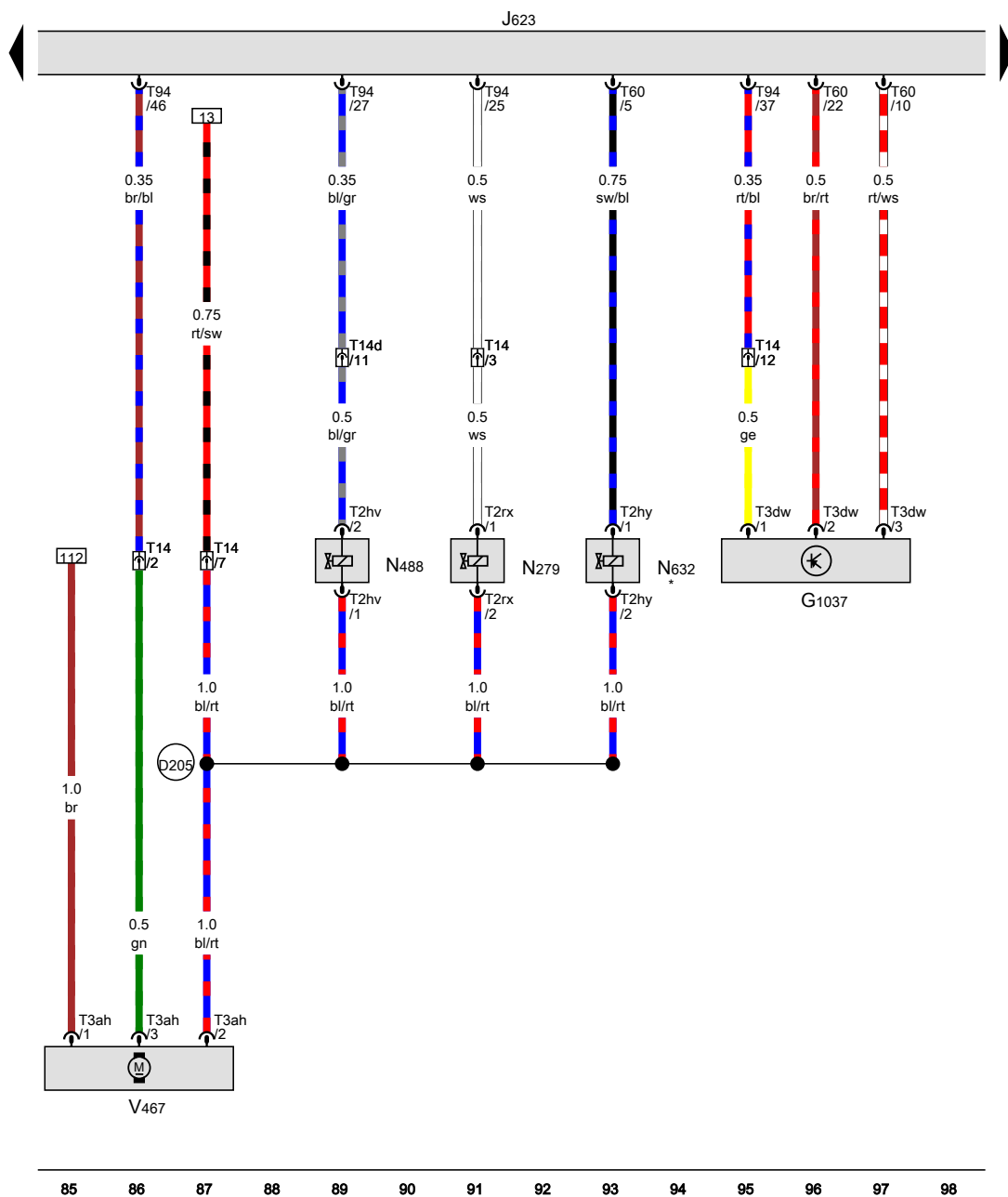


Coolant temperature sender, Engine/motor control unit, Activated charcoal filter solenoid valve 1, Camshaft control valve 1, Exhaust camshaft control valve 1, Valve for oil pressure control

- G62 Coolant temperature sender
- G241 Coolant temperature sender for heater
- J623 Engine/motor control unit
- N80 Activated charcoal filter solenoid valve 1
- N205 Camshaft control valve 1
- N318 Exhaust camshaft control valve 1
- N428 Valve for oil pressure control
- T2hq 2-pin connector, black
- T2hr 2-pin connector, black
- T2hs 2-pin connector, black
- T2ht 2-pin connector, black
- T2ib 2-pin connector, black
- T2ie 2-pin connector, black
- T14 14-pin connector, on left in engine compartment, grey
- T60 60-pin connector, black

D45 Connection 7, in engine prewiring harness

D196 Connection 2 (87a) in engine prewiring harness



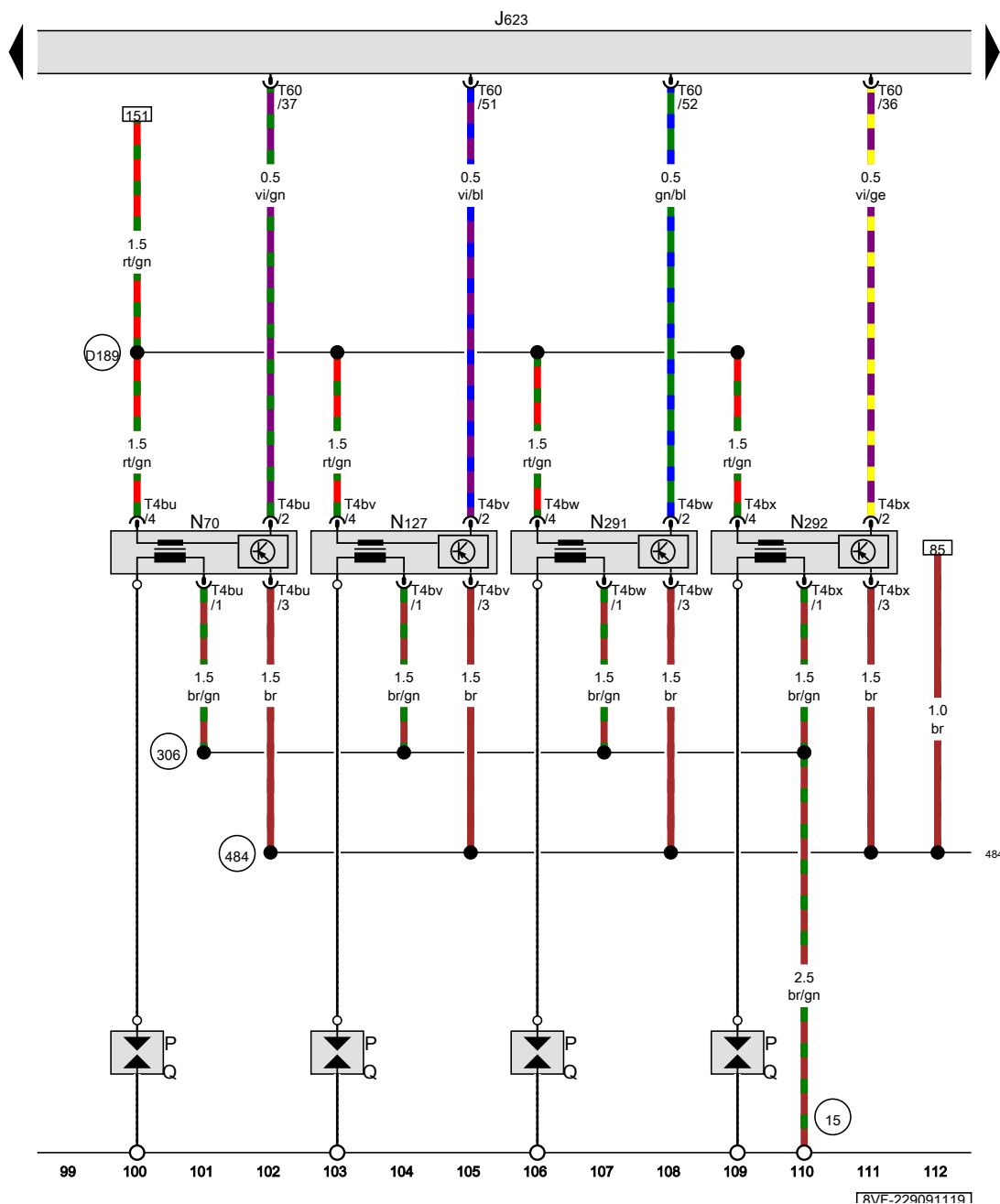
Pressure differential sender for particulate filter, Engine/motor control unit, Heater coolant shut-off valve, Coolant valve for gearbox, Coolant changeover valve 1, Coolant pump for high-temperature circuit

- G1037 Pressure differential sender for particulate filter
- J623 Engine/motor control unit
- N279 Heater coolant shut-off valve
- N488 Coolant valve for gearbox
- N632 Coolant changeover valve 1
- T2hv 2-pin connector, black
- T2hy 2-pin connector, black
- T2rx 2-pin connector, black
- T3ah 3-pin connector, black
- T3dw 3-pin connector, black
- T14 14-pin connector, on left in engine compartment, grey
- T14d 14-pin connector, black
- T60 60-pin connector, black
- T94 94-pin connector, black
- V467 Coolant pump for high-temperature circuit

D205 Connection 3 (87a) in engine prewiring harness

* If fitted

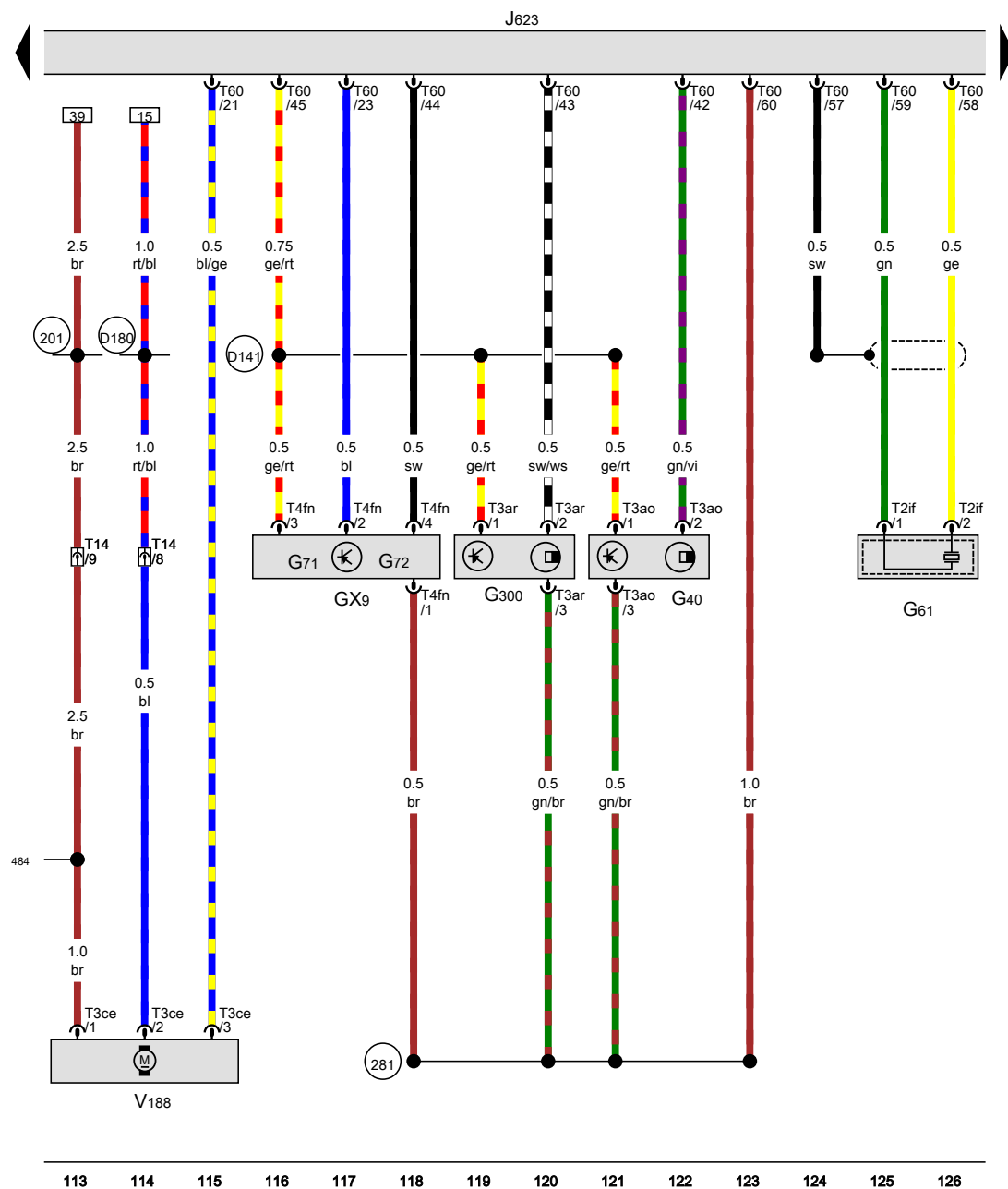
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- ro = red
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- vi = purple
- ge = yellow
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Engine/motor control unit, Ignition coil 1 with output stage, Ignition coil 2 with output stage, Ignition coil 3 with output stage, Ignition coil 4 with output stage

- J623 Engine/motor control unit
- N70 Ignition coil 1 with output stage
- N127 Ignition coil 2 with output stage
- N291 Ignition coil 3 with output stage
- N292 Ignition coil 4 with output stage
- P Spark plug connector
- Q Spark plugs
- T4bu 4-pin connector, black
- T4bv 4-pin connector, black
- T4bw 4-pin connector, black
- T4bx 4-pin connector, black
- T60 60-pin connector, black
- 15 Earth point, on cylinder head
- 306 Earth connection (ignition coils), in engine prewiring harness
- 484 Earth connection 2 (ignition coils), in engine prewiring harness
- D189 Connection (87a) in engine prewiring harness

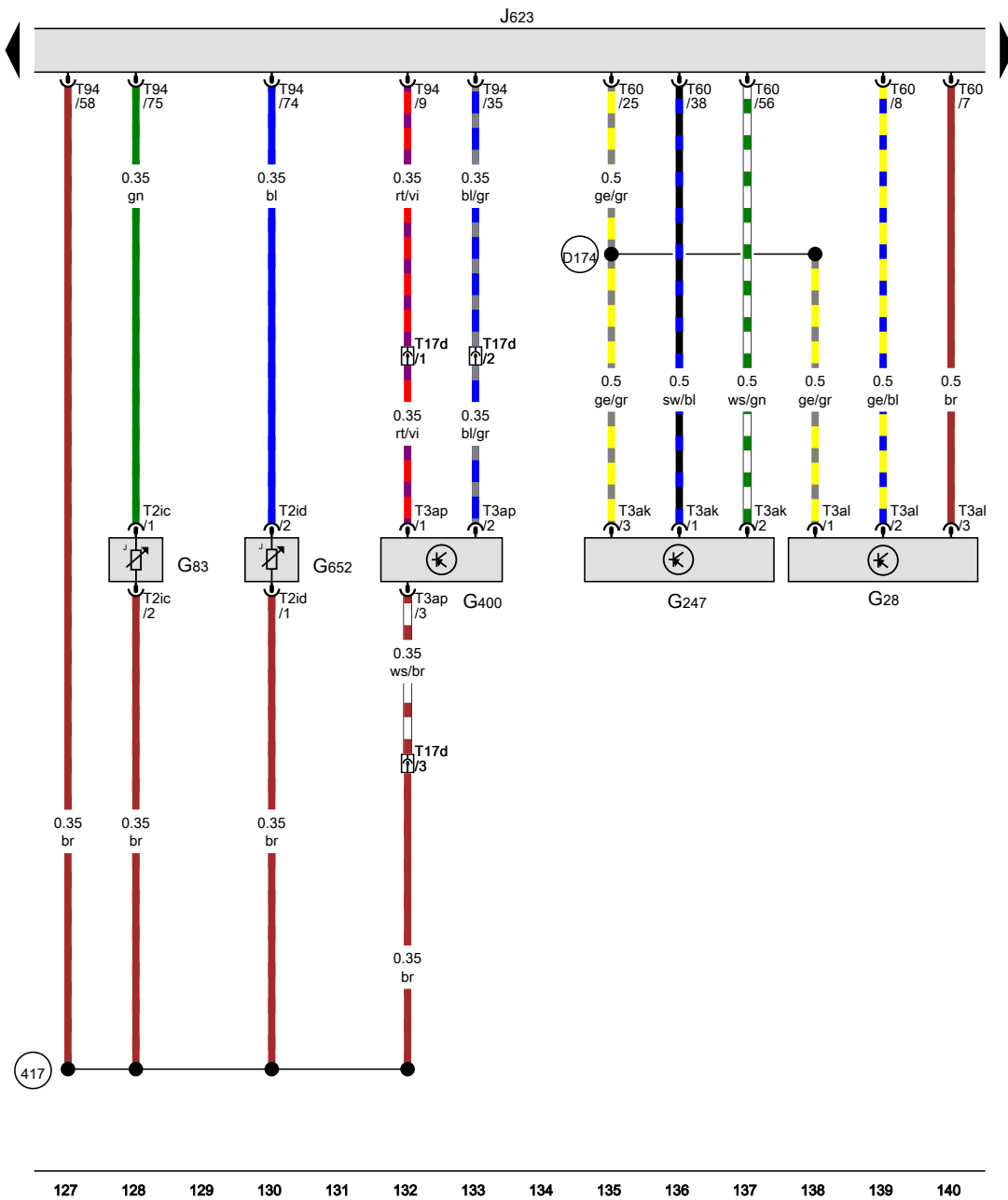
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vi = purple
ge = yellow
or = orange
rs = pink



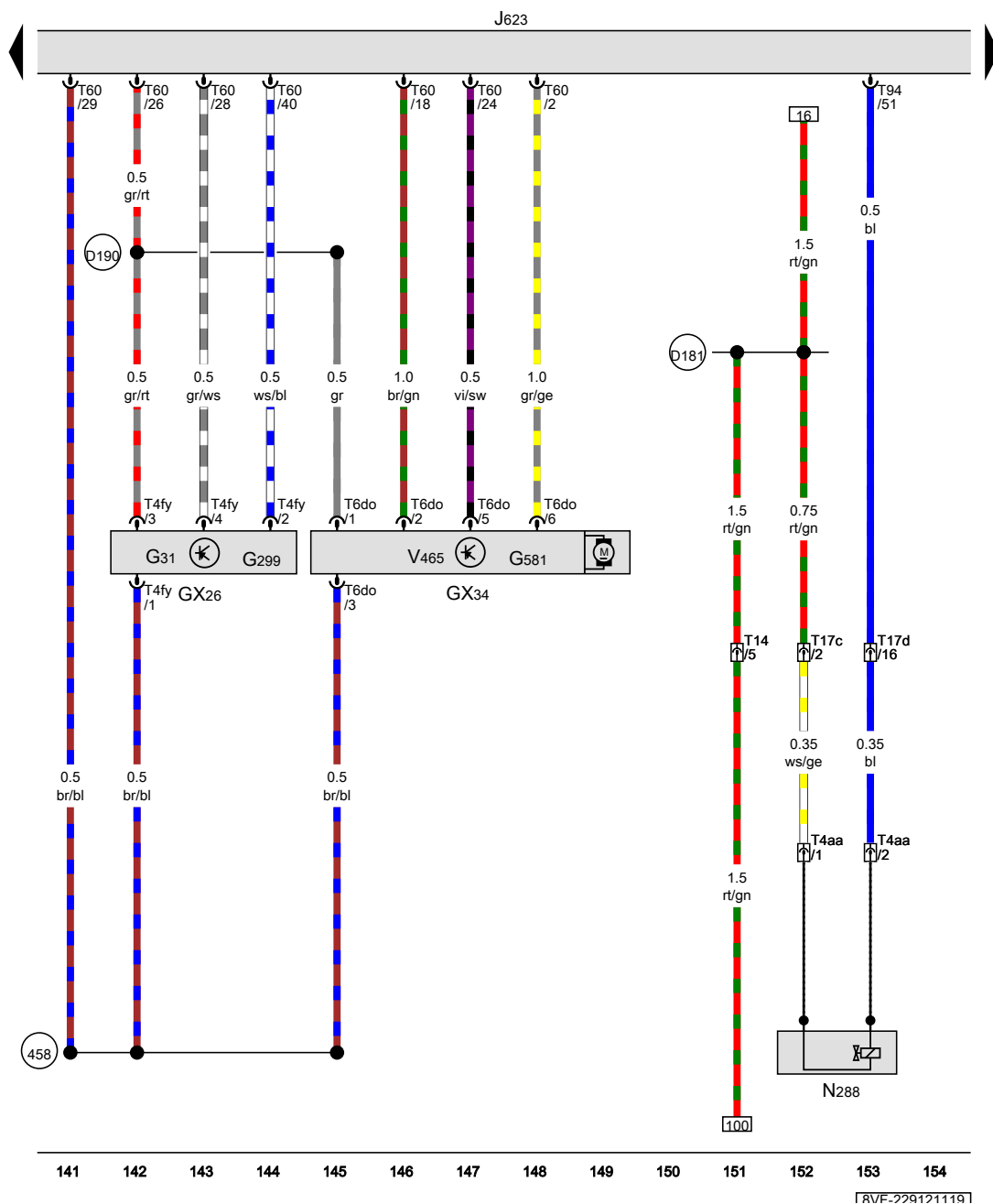
Intake manifold sender, Hall sender, Knock sensor 1, Intake manifold pressure sender, Intake manifold temperature sender, Hall sender 3, Engine/motor control unit, Charge air cooling pump

- GX9 Intake manifold sender
- G40 Hall sender
- G61 Knock sensor 1
- G71 Intake manifold pressure sender
- G72 Intake manifold temperature sender
- G300 Hall sender 3
- J623 Engine/motor control unit
- T2if 2-pin connector, black
- T3ao 3-pin connector, black
- T3ar 3-pin connector, black
- T3ce 3-pin connector, black
- T4fn 4-pin connector, black
- T14 14-pin connector, on left in engine compartment, grey
- T60 60-pin connector, black
- V188 Charge air cooling pump
- 201 Earth connection 5, in engine compartment wiring harness
- 281 Earth point 1, engine prewiring harness
- 484 Earth connection 2 (ignition coils), in engine prewiring harness
- D141 Connection (5V) in engine prewiring harness
- D180 Connection (87a), in engine compartment wiring harness

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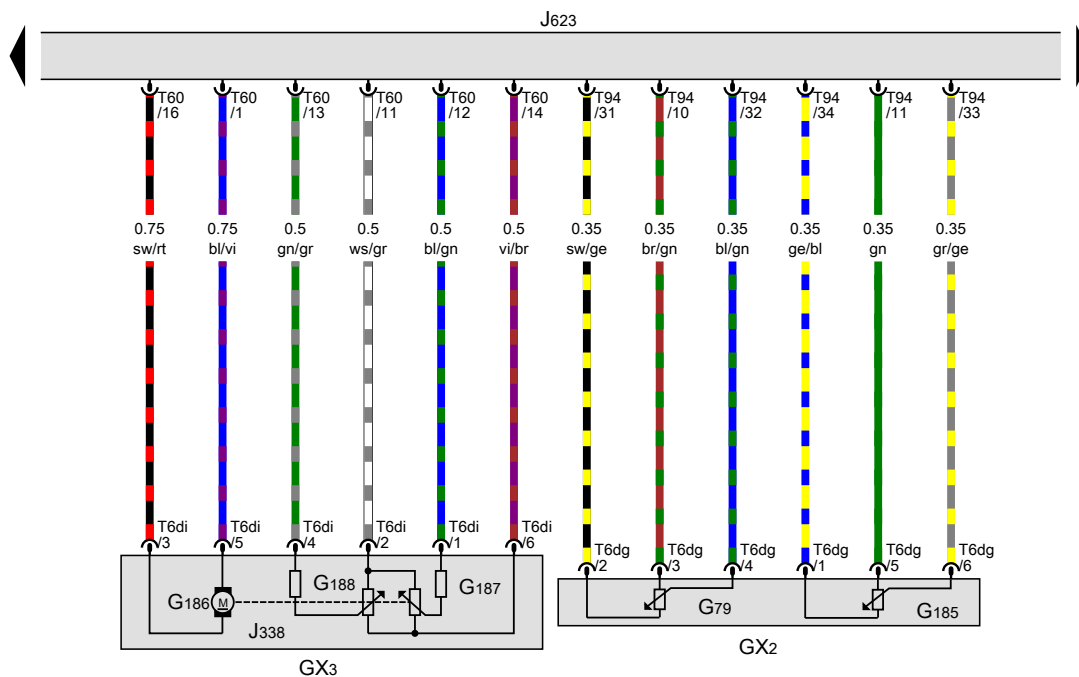


Charge pressure sender, Charge pressure sender, Charge pressure control module, Intake air temperature sender 2, Engine/motor control unit, Fuel tank shut-off valve, Charge pressure positioner

- GX26 Charge pressure sender
- G31 Charge pressure sender
- GX34 Charge pressure control module
- G299 Intake air temperature sender 2
- G581 Position sender for charge pressure positioner
- J623 Engine/motor control unit
- N288 Fuel tank shut-off valve
- T4aa 4-pin connector, black
- T4fy 4-pin connector, black
- T6do 6-pin connector, grey
- T14 14-pin connector, on left in engine compartment, grey
- T17c 17-pin connector, on lower section of left A-pillar, red
- T17d 17-pin connector, on lower section of left A-pillar, green
- T60 60-pin connector, black
- T94 94-pin connector, black
- V465 Charge pressure positioner

- 458 Earth point 3, engine prewiring harness
- D181 Connection 2 (87a), in engine compartment wiring harness
- D190 Connection 3 (5V) in engine prewiring harness

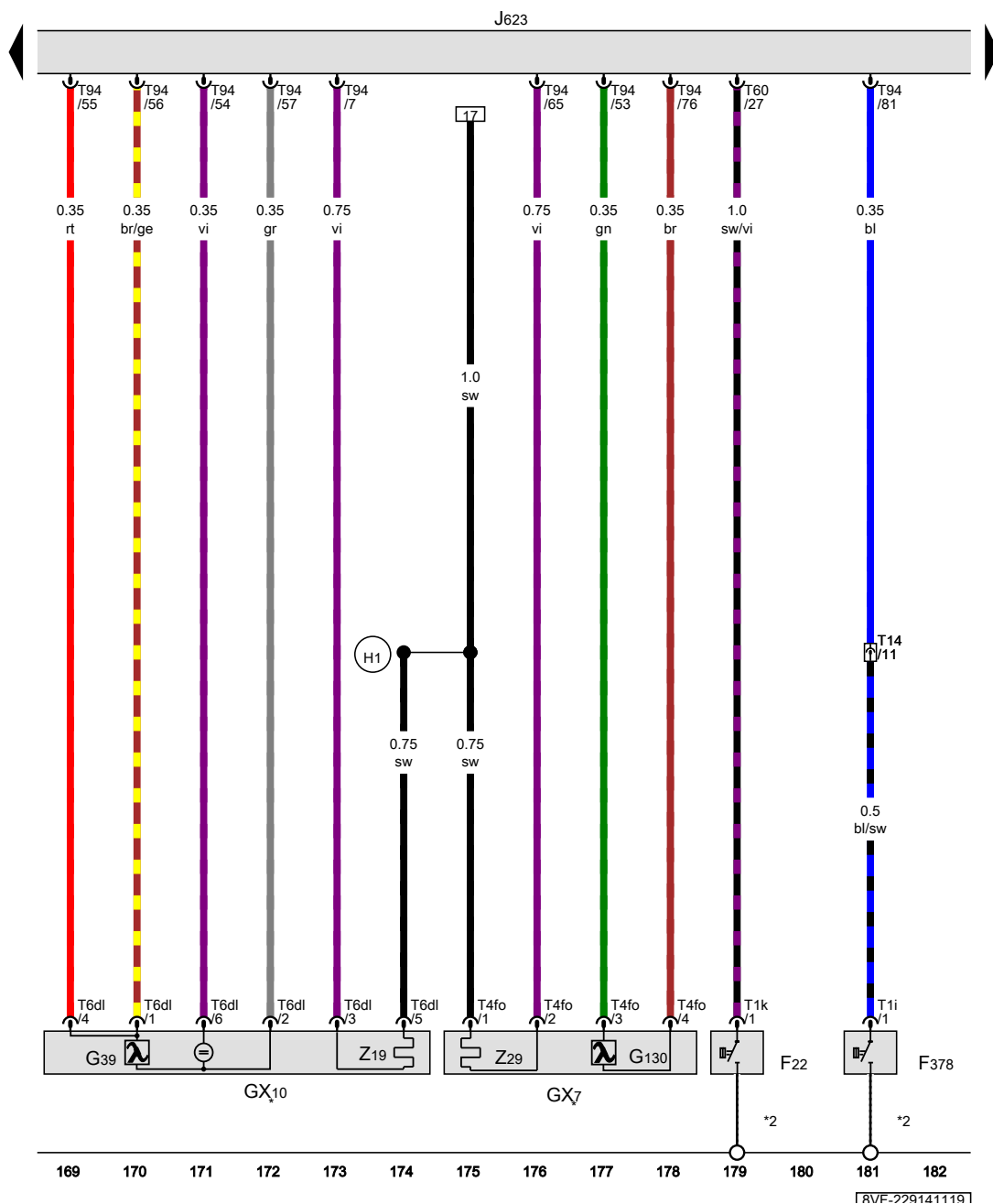
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Accelerator pedal module, Throttle valve module,
Accelerator position sender, Accelerator position sender 2,
Throttle valve module, Engine/motor control unit

- GX2 Accelerator pedal module
- GX3 Throttle valve module
- G79 Accelerator position sender
- G185 Accelerator position sender 2
- G186 Throttle valve drive for electric throttle
- G187 Throttle valve drive angle sender 1 for electric throttle
- G188 Throttle valve drive angle sender 2 for electric throttle
- J338 Throttle valve module
- J623 Engine/motor control unit
- T6dg 6-pin connector, black
- T6di 6-pin connector, black
- T60 60-pin connector, black
- T94 94-pin connector, black

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- vi = purple
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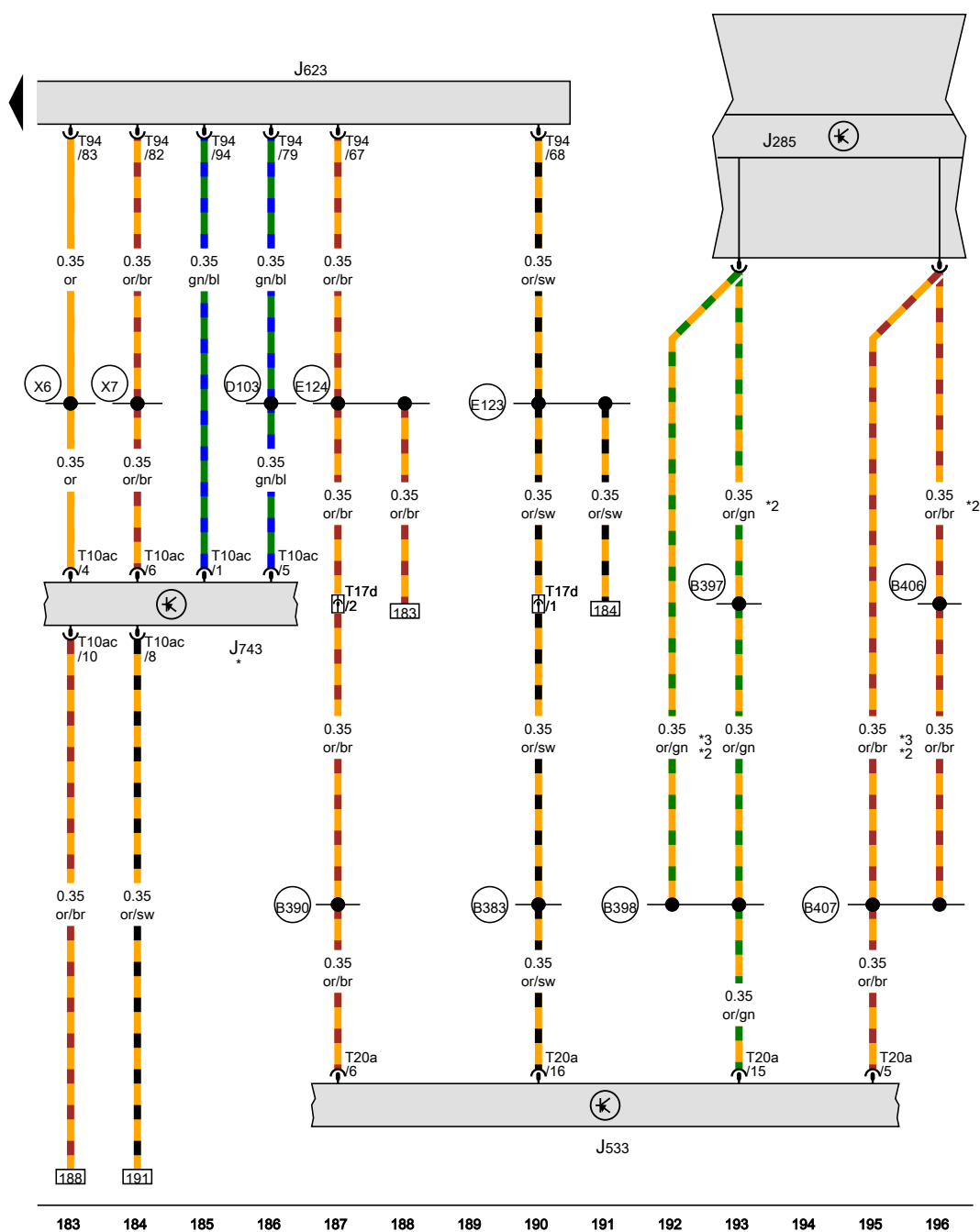
Oil pressure switch, Oil pressure switch for reduced oil pressure, Lambda probe 1 after catalytic converter, Lambda probe 1 before catalytic converter, Lambda probe after catalytic converter, Engine/motor control unit, Lambda probe heater, Lambda probe 1 heater after catalytic converter

- F22 Oil pressure switch
- F378 Oil pressure switch for reduced oil pressure
- GX7 Lambda probe 1 after catalytic converter
- GX10 Lambda probe 1 before catalytic converter
- G39 Lambda probe
- G130 Lambda probe after catalytic converter
- J623 Engine/motor control unit
- T1i 1-pin connector, black
- T1k 1-pin connector, blue
- T4fo 4-pin connector, black
- T6dl 6-pin connector, black
- T14 14-pin connector, on left in engine compartment, grey
- T60 60-pin connector, black
- T94 94-pin connector, black
- Z19 Lambda probe heater
- Z29 Lambda probe 1 heater after catalytic converter

H1 Positive connection, in Lambda wiring harness

- * Pre-wired component
- *2 Earth supply via housing

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Control unit in dash panel insert, Data bus diagnostic interface, Engine/motor control unit, Mechatronic unit for dual clutch gearbox

- J285 Control unit in dash panel insert
- J533 Data bus diagnostic interface
- J623 Engine/motor control unit
- J743 Mechatronic unit for dual clutch gearbox
- T10ac 10-pin connector, black
- T17d 17-pin connector, on lower section of left A-pillar, black
- T20a 20-pin connector, red
- T94 94-pin connector, black
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness
- D103 Connection 3 in engine compartment wiring harness
- E123 Connection 1 (powertrain CAN bus, high), in engine wiring harness
- E124 Connection 1 (powertrain CAN bus, low), in engine wiring harness
- X6 Connection 2 (CAN bus hybrid, high), in engine compartment wiring harness
- X7 Connection 2 (CAN bus hybrid, low), in engine compartment wiring harness
- * see applicable current flow diagram for dual clutch gearbox
- *2 see applicable current flow diagram for dash panel insert
- *3 For right-hand drive models