

Basic equipment

From May 2010

Onboard supply control unit, Terminal 75 voltage supply
relay 1, Terminal 15 voltage supply relay 2

- | | |
|------|------------------------------------|
| J367 | Battery monitor control unit |
| J519 | Onboard supply control unit |
| J680 | Terminal 75 voltage supply relay 1 |
| J681 | Terminal 15 voltage supply relay 2 |
| SB2 | Fuse 2 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 |
| SB27 | Fuse 27 on fuse holder B |
| SB30 | Fuse 30 on fuse holder B |
| SC50 | Fuse 50 on fuse holder C |
| T2fk | 2-pin connector |
| T52a | 52-pin connector |
| T52b | 52-pin connector |
| T52c | 52-pin connector |

(B150) Positive connection 2 (30a), in interior wiring harness

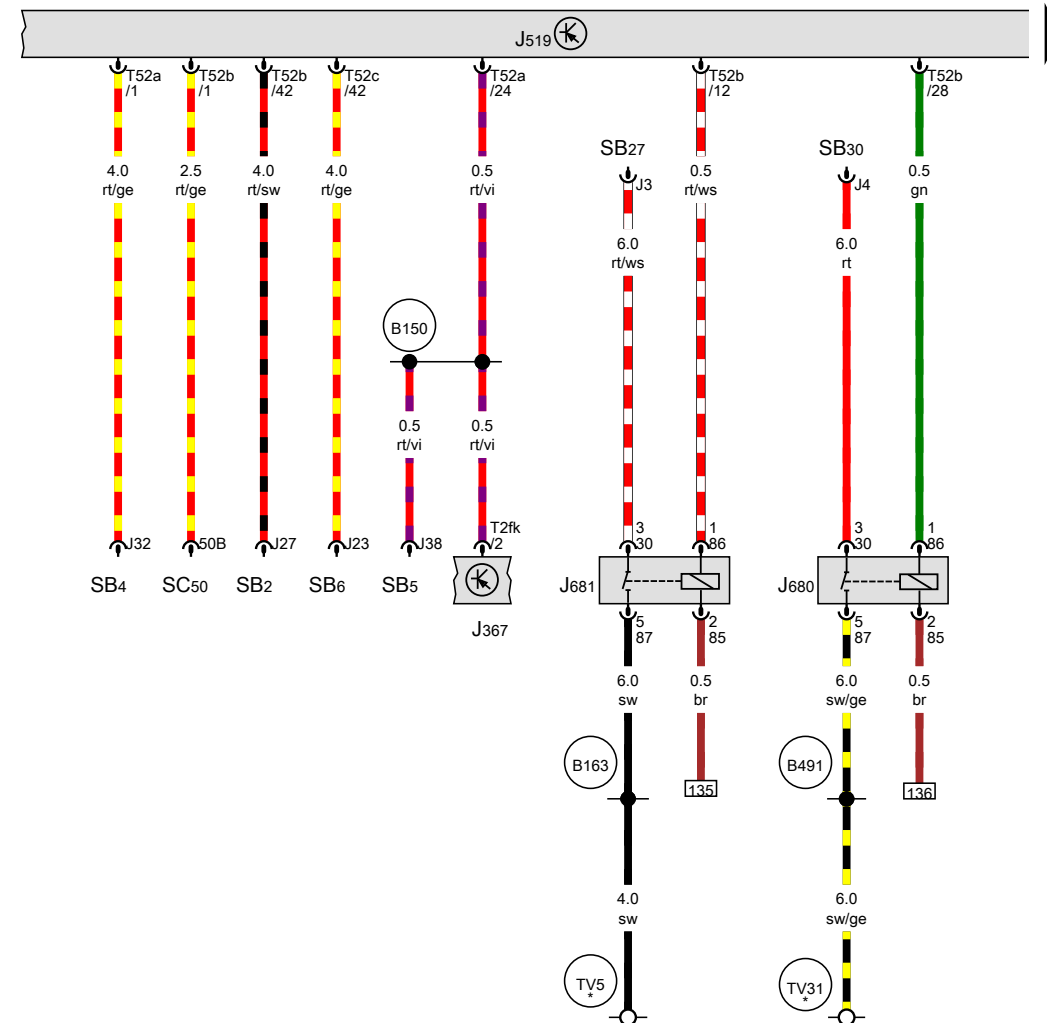
(B163) Positive connection 1 (15), in interior wiring harness

(B491) Positive connection (75), in interior wiring harness

(TV5) Terminal 15a wiring junction

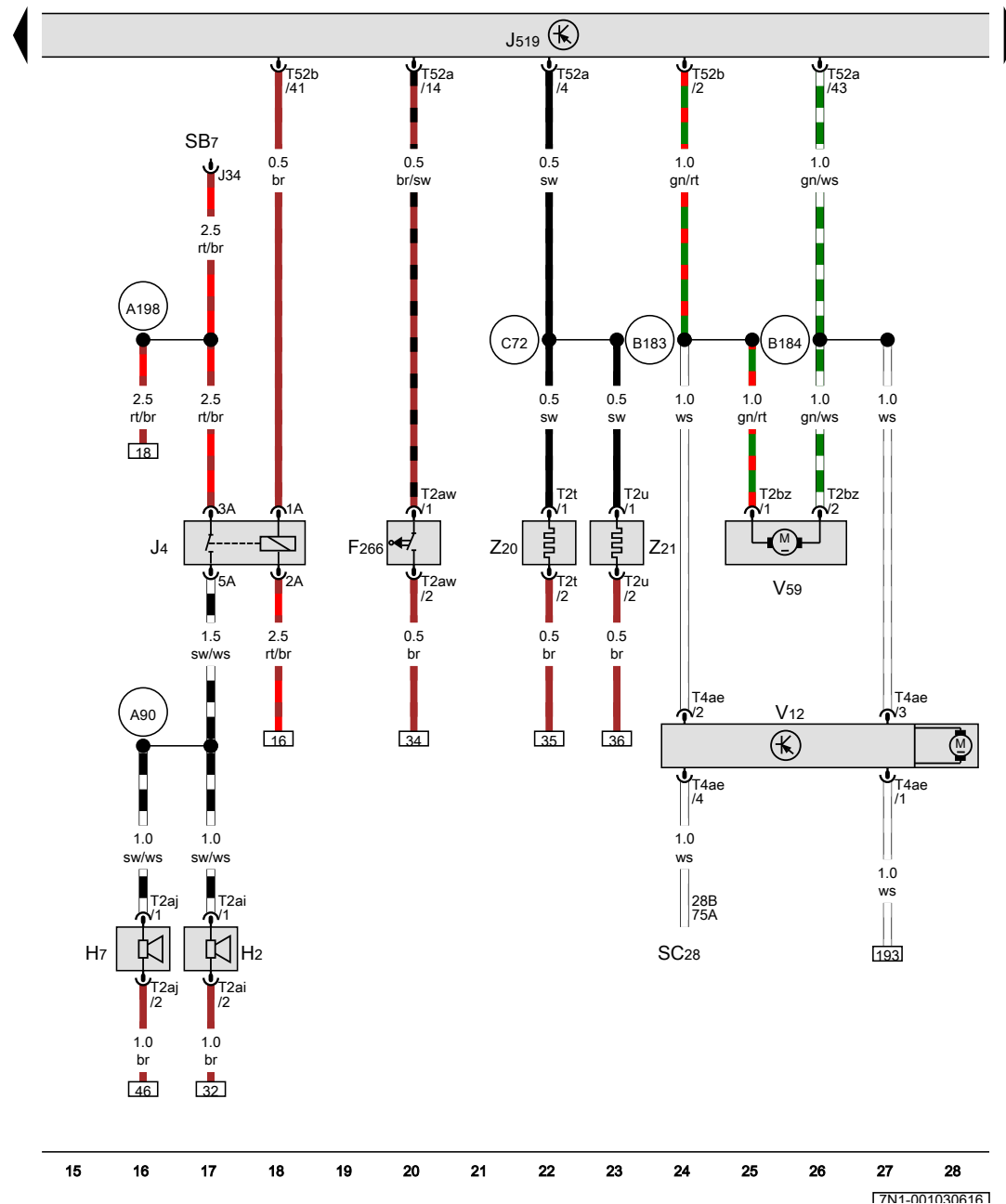
(TV31) Terminal 75 wiring junction

* see applicable current flow diagram for fuse assignment



ws	=	white
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, Dual tone horn relay, Onboard supply control unit, Rear window wiper motor, Windscreen and rear window washer pump

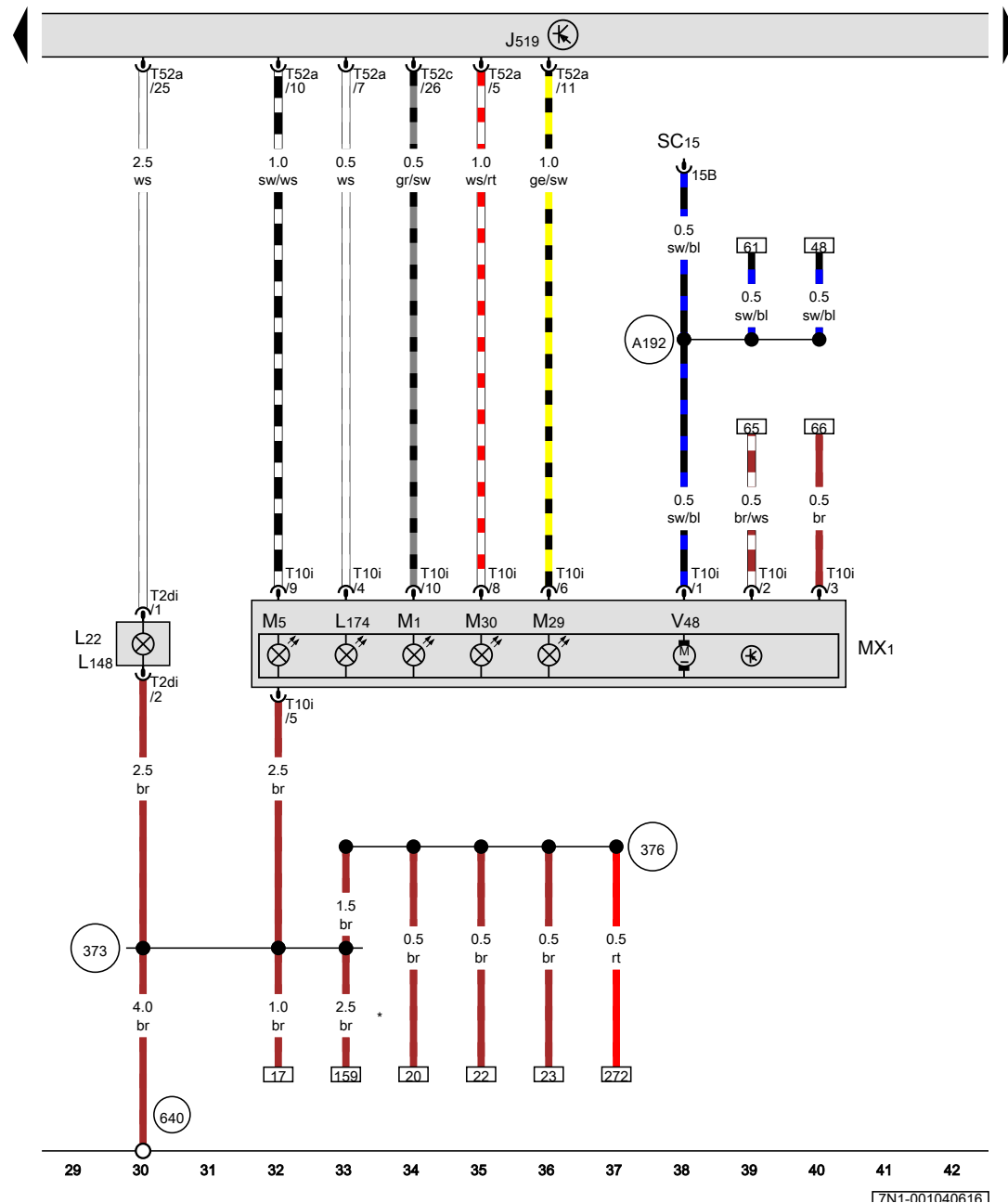


- F266 Bonnet contact switch
- H2 Treble horn
- H7 Bass horn
- J4 Dual tone horn relay
- J519 Onboard supply control unit
- SB7 Fuse 7 on fuse holder B
- SC28 Fuse 28 on fuse holder C
- T2ai 2-pin connector
- T2aj 2-pin connector
- T2aw 2-pin connector
- T2bz 2-pin connector
- T2t 2-pin connector
- T2u 2-pin connector
- T4ae 4-pin connector
- T52a 52-pin connector
- T52b 52-pin connector
- V12 Rear window wiper motor
- V59 Windscreen and rear window washer pump
- Z20 Left washer jet heater element
- Z21 Right washer jet heater element

- A90 Connection (dual tone horn), in dash panel wiring harness
- A198 Positive connection 6 (30a) in dash panel wiring harness
- B183 Connection 1 (washer pump), in interior wiring harness
- B184 Connection 2 (washer pump), in interior wiring harness
- C72 Positive connection in heated washer jet wiring harness

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Onboard supply control unit, Left fog light bulb, Left cornering light bulb, Front left headlight



- J519 Onboard supply control unit
- L22 Left fog light bulb
- L148 Left cornering 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
- SC15 Fuse 15 on fuse holder C
- T2di 2-pin connector
- T10i 10-pin connector
- T52a 52-pin connector
- T52c 52-pin connector
- V48 Left headlight range control motor

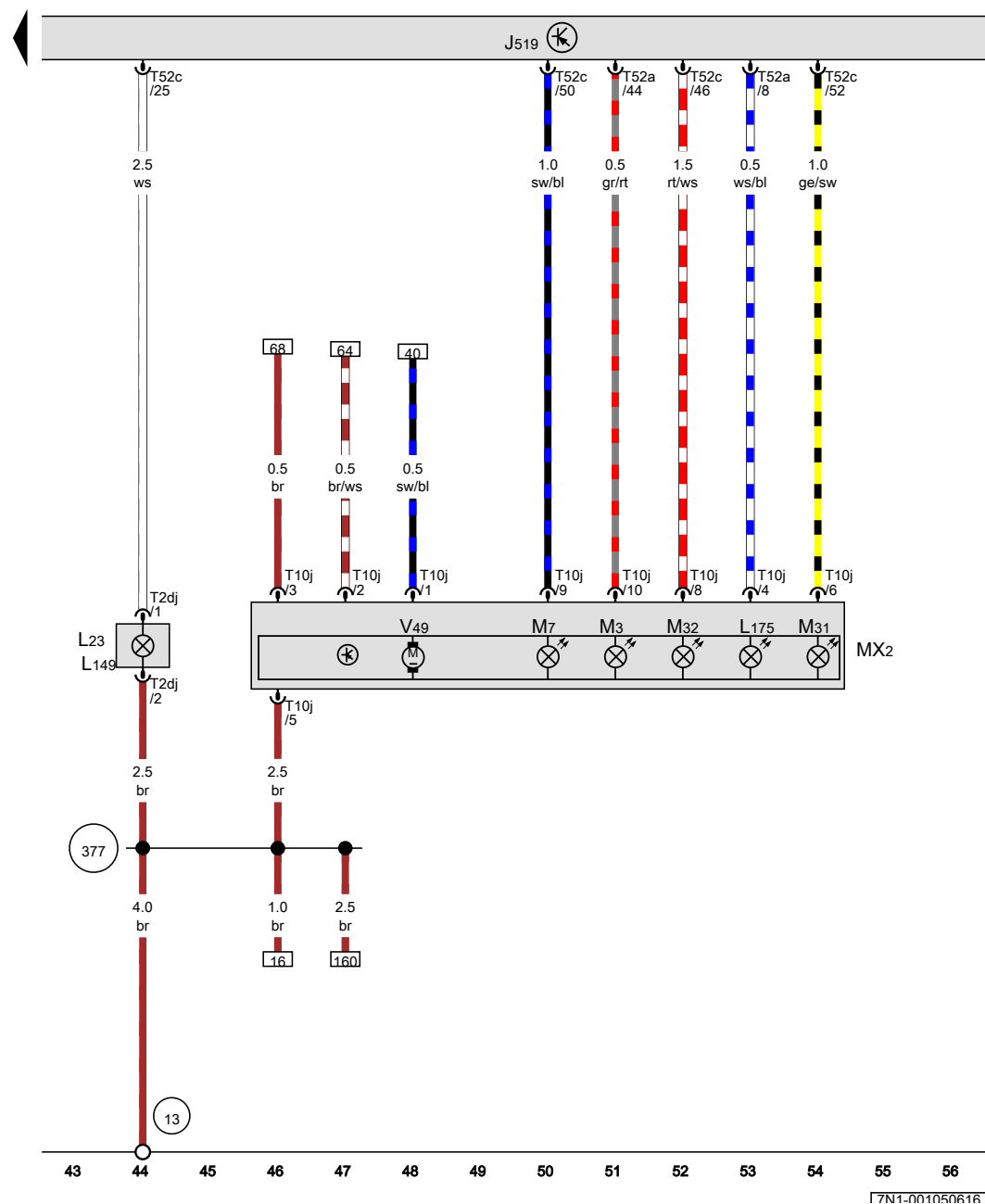
- 373 Earth connection 8, in main wiring harness
- 376 Earth connection 11, in main wiring harness
- 640 Earth point 2, left in engine compartment
- A192 Positive connection 3 (15a) in dash panel wiring harness
- * Only left-hand drive models

Onboard supply control unit, Right fog light bulb, Right cornering light bulb, Front right headlight

- J519 Onboard supply control unit
- L23 Right fog light bulb
- L149 Right cornering 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
- T2dj 2-pin connector
- T10j 10-pin connector
- T52a 52-pin connector
- T52c 52-pin connector
- V49 Right headlight range control motor

13 Earth point, on right in engine compartment

377 Earth connection 12, in main wiring harness



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Switch and instrument illumination regulator, Onboard supply control unit

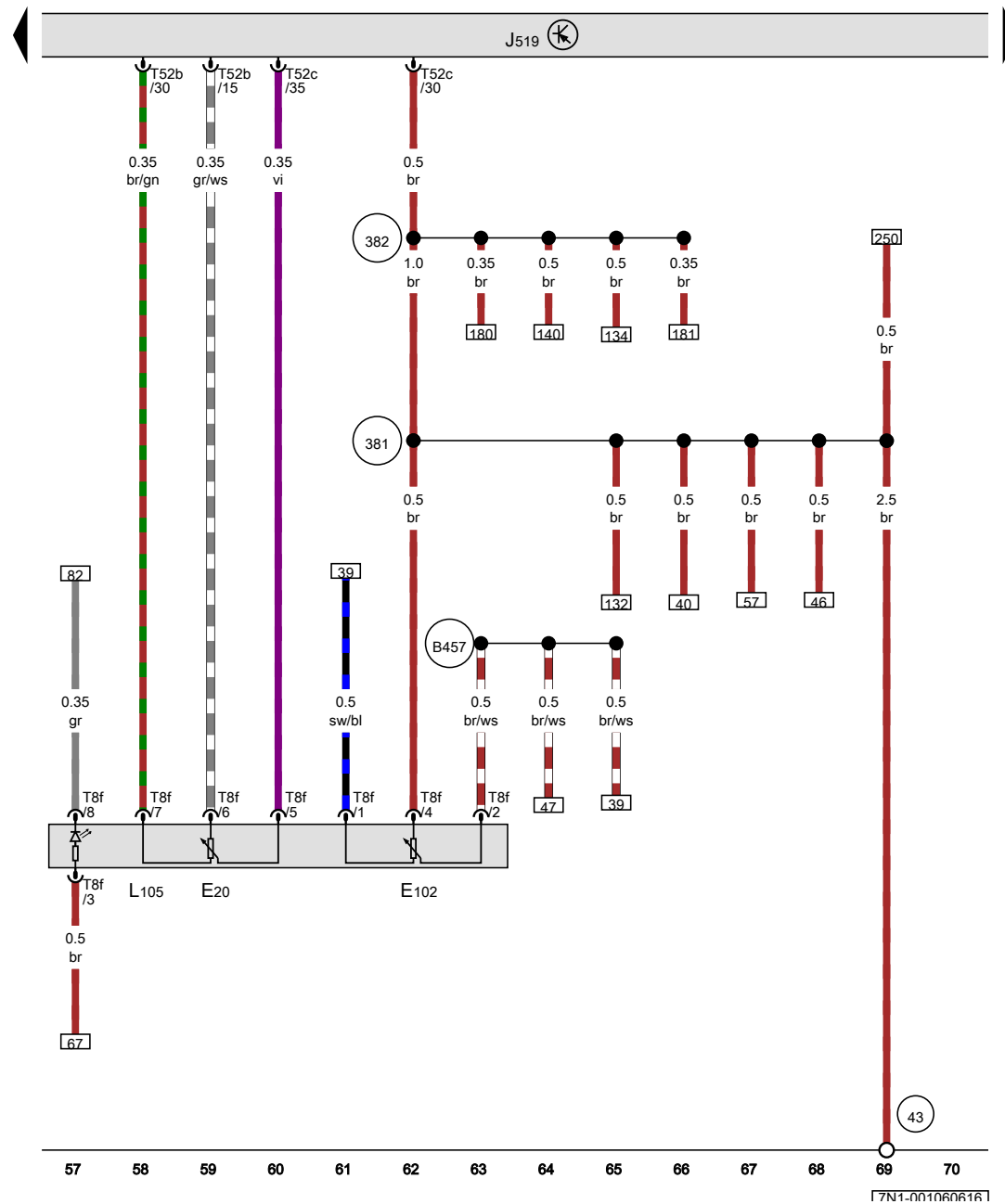
E20	Switch and instrument illumination regulator
E102	Headlight range control regulator
J519	Onboard supply control unit
L105	Illumination regulator illumination bulb
T8f	8-pin connector
T52b	52-pin connector
T52c	52-pin connector

43 Earth point, lower part of right A-pillar

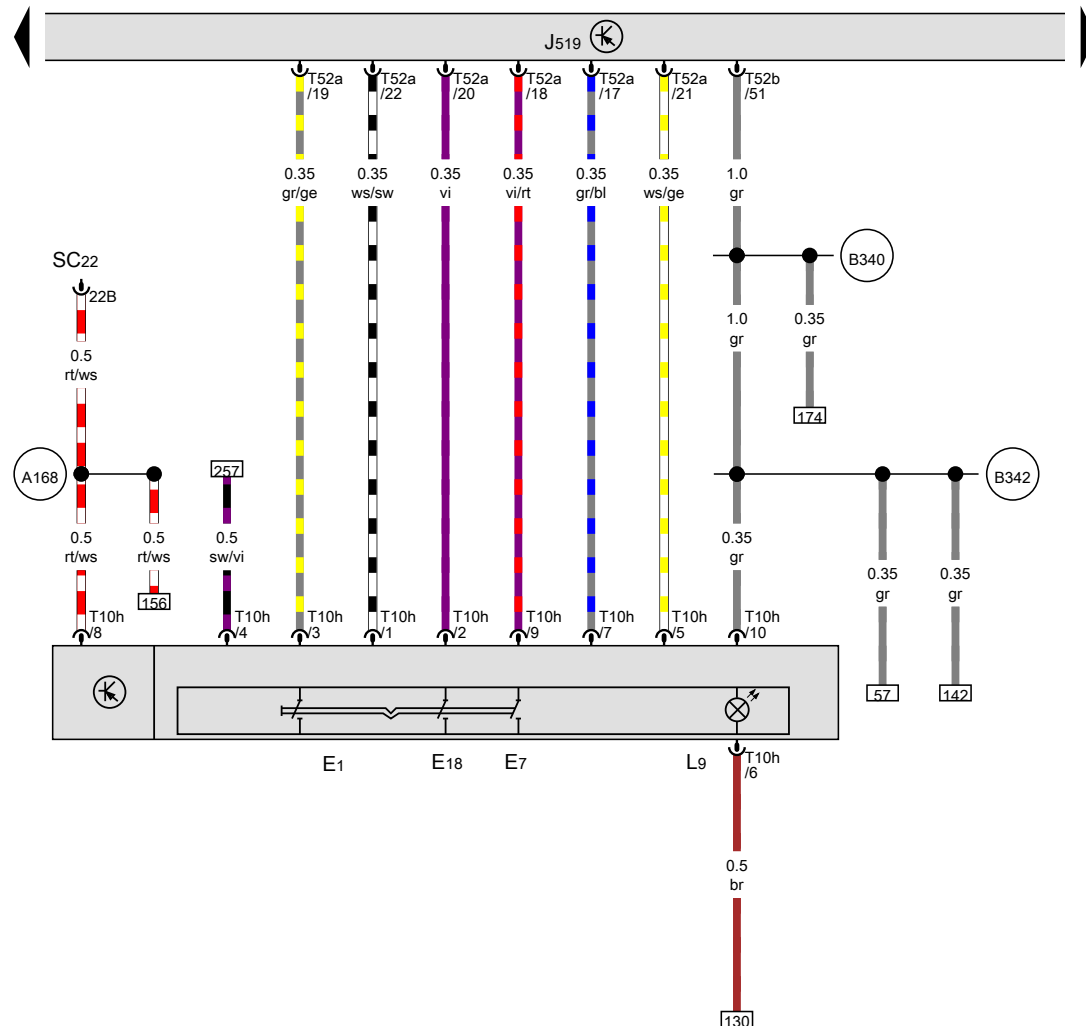
381 Earth connection 16, in main wiring harness

382 Earth connection 17, in main wiring harness

(B457) Connection 1 (potentiometer), in main wiring harness



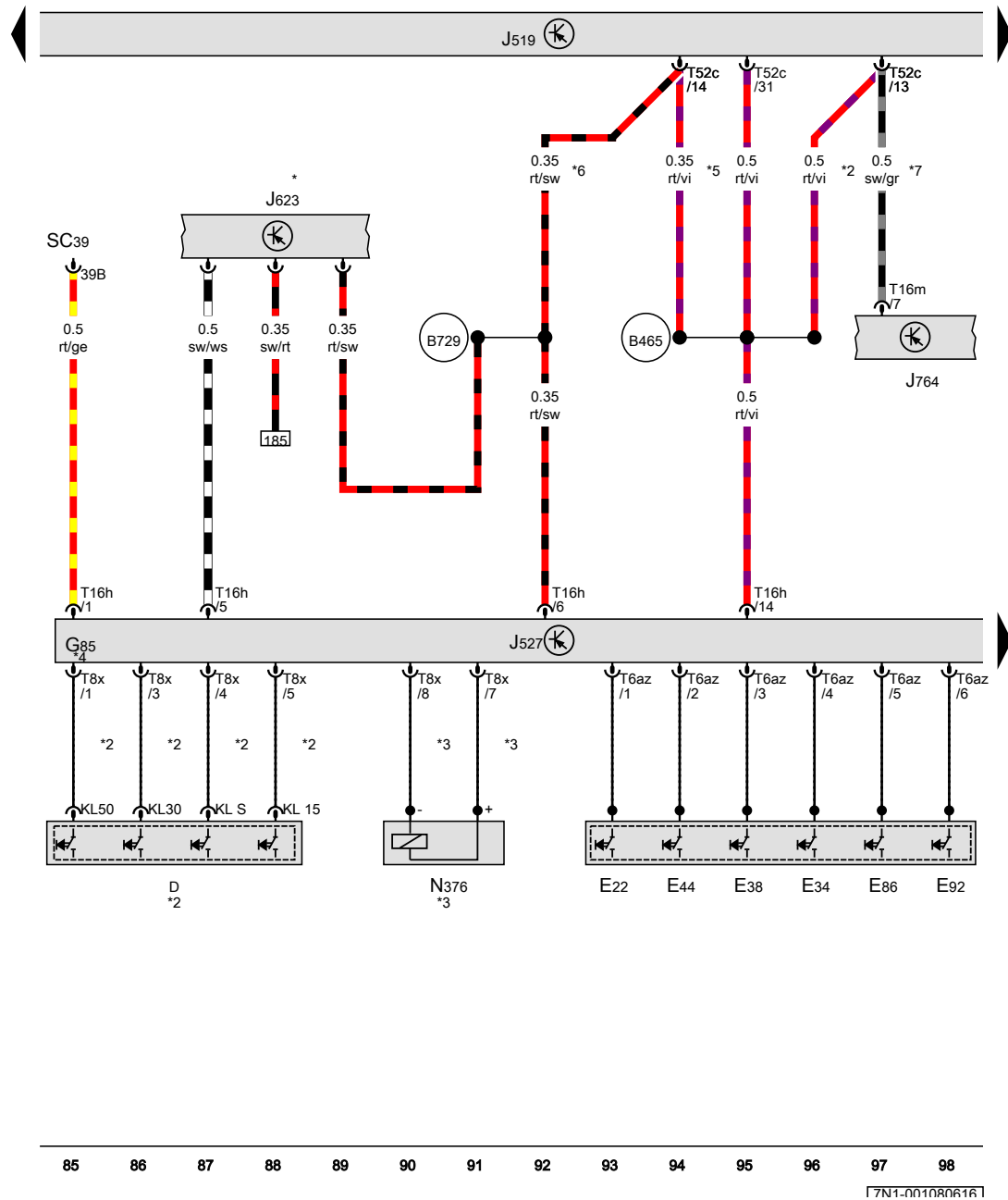
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Light switch, Onboard supply control unit

- E1 Light switch
- E7 Fog light switch
- E18 Rear fog light switch
- J519 Onboard supply control unit
- L9 Light switch illumination bulb
- SC22 Fuse 22 on fuse holder C
- T10h 10-pin connector
- T52a 52-pin connector
- T52b 52-pin connector

- A168 Positive connection 4 (30a) in dash panel wiring harness
- B340 Connection 1 (58d), in main wiring harness
- B342 Connection 3 (58d), in main wiring harness



Ignition/starter switch, Steering angle sender, Onboard supply control unit, Steering column electronics control unit, Ignition key withdrawal lock solenoid

- D Ignition/starter switch
- E22 Intermittent wiper switch
- E34 Rear wiper switch
- E38 Intermittent wiper regulator
- E44 Washer pump switch (automatic wash/wipe and headlight washer system)
- E86 Multifunction display call-up button
- E92 Reset button
- G85 Steering angle sender
- J519 Onboard supply control unit
- J527 Steering column electronics control unit
- J623 Engine control unit
- J764 Control unit for electronic steering column lock
- N376 Ignition key withdrawal lock solenoid
- SC39 Fuse 39 on fuse holder C
- T6az 6-pin connector
- T8x 8-pin connector
- T16h 16-pin connector
- T16m 16-pin connector
- T52c 52-pin connector

B465 Connection 1, in main wiring harness

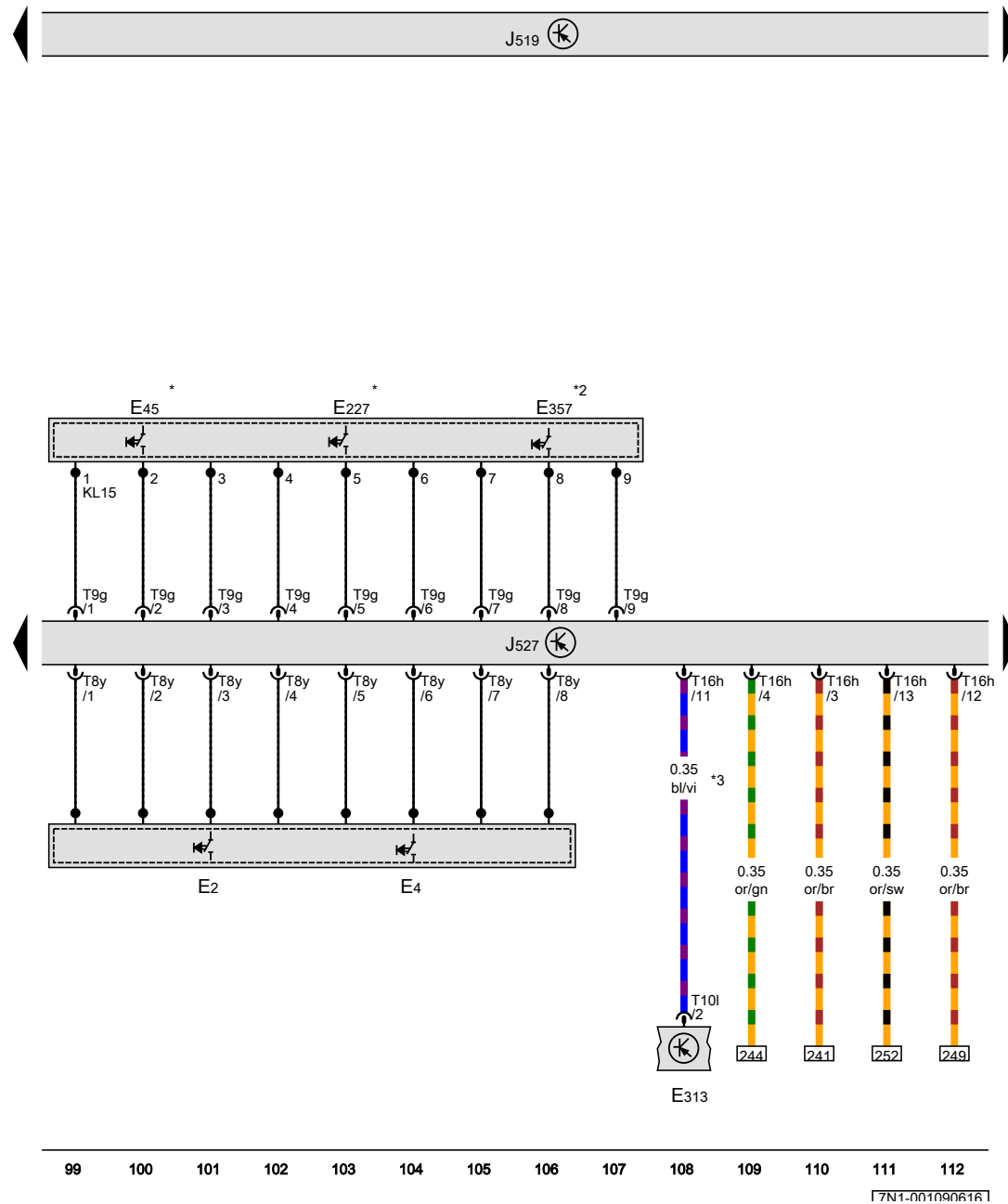
B729 Connection 1 (50), in main wiring harness

- * see applicable current flow diagram for engine
- *2 Only models with no entry and start authorisation
- *3 Only models with dual clutch gearbox
- *4 Only left-hand drive models
- *5 Only models with start/stop system
- *6 Only models with no start/stop system
- *7 Only models with entry and start authorisation

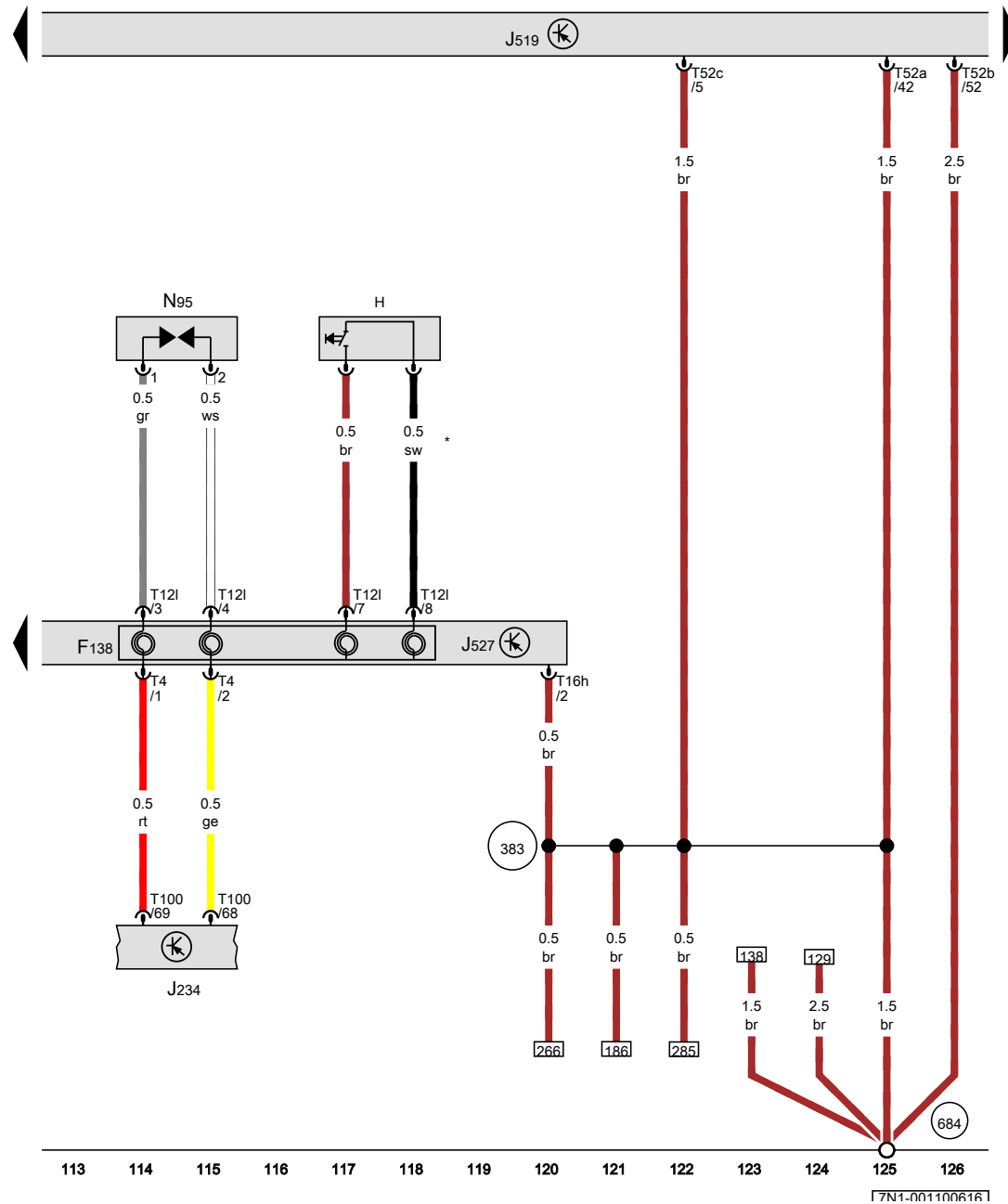
Volkswagen Technical Site: <https://vwts.ru>

Onboard supply control unit, Steering column electronics control unit

- E2 Turn signal switch
- E4 Headlight dipper and flasher switch
- E45 Cruise control system switch
- E227 Cruise control system (CCS) SET button
- E313 Selector lever
- E357 Adaptive cruise control button
- J519 Onboard supply control unit
- J527 Steering column electronics control unit
- T8y 8-pin connector
- T9g 9-pin connector
- T10l 10-pin connector
- T16h 16-pin connector
- * Only models with cruise control system (CCS)
- *2 Only models with adaptive cruise control (ACC)
- *3 Only models with dual clutch gearbox



Horn plate, Onboard supply control unit, Steering column electronics control unit, Driver side airbag igniter



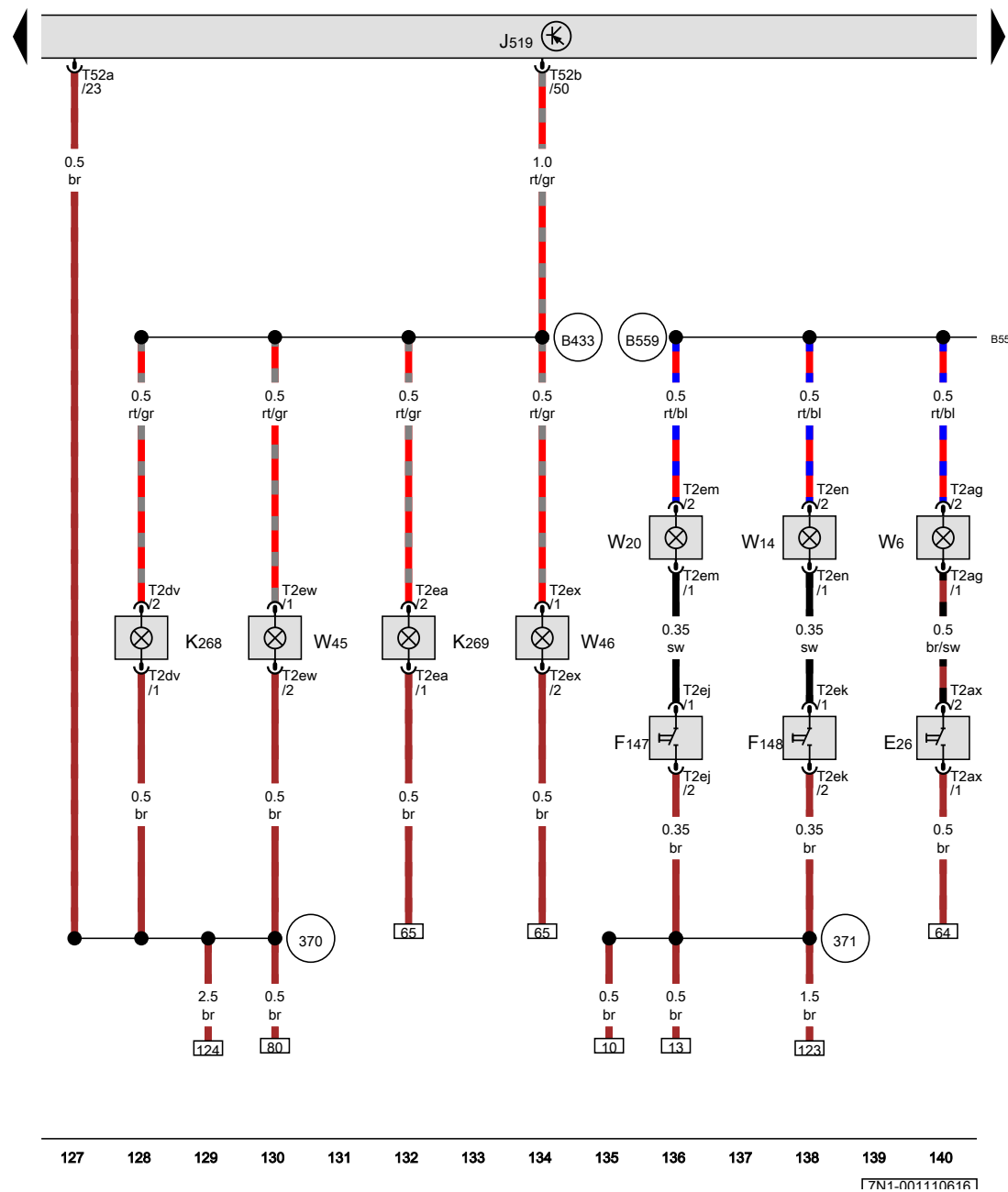
- F138 Airbag coil connector and return ring with slip ring
- H Horn plate
- J234 Airbag control unit
- J519 Onboard supply control unit
- J527 Steering column electronics control unit
- N95 Driver side airbag igniter
- T4 4-pin connector
- T12l 12-pin connector
- T16h 16-pin connector
- T52a 52-pin connector
- T52b 52-pin connector
- T52c 52-pin connector
- T100 100-pin connector

383 Earth connection 18, in main wiring harness

684 Earth point on front of left side member

* Only models with no multifunction steering wheel

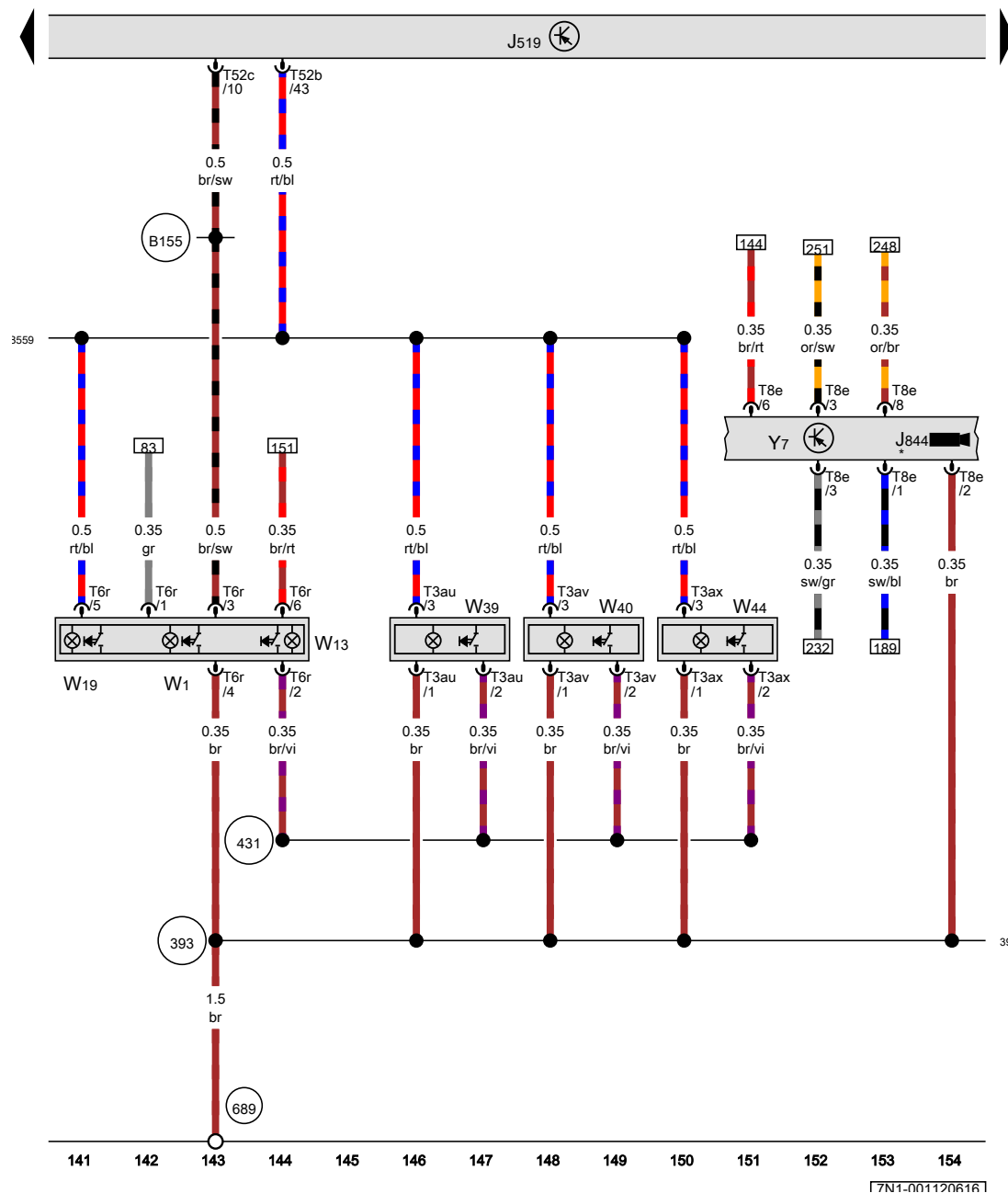
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- li = purple
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Onboard supply control unit, Front left footwell light, Front right footwell light, Glove compartment light, Front passenger side illuminated vanity mirror, Driver side illuminated vanity mirror, Rear left footwell light, Rear right footwell light

- E26 Glove compartment light switch
- F147 Driver vanity mirror contact switch
- F148 Front passenger vanity mirror contact switch
- J519 Onboard supply control unit
- K268 Front left footwell light
- K269 Front right footwell light
- T2ag 2-pin connector
- T2ax 2-pin connector
- T2dv 2-pin connector
- T2ea 2-pin connector
- T2ej 2-pin connector
- T2ek 2-pin connector
- T2em 2-pin connector
- T2en 2-pin connector
- T2ew 2-pin connector
- T2ex 2-pin connector
- T52a 52-pin connector
- T52b 52-pin connector
- W6 Glove compartment light
- W14 Front passenger side illuminated vanity mirror
- W20 Driver side illuminated vanity mirror
- W45 Rear left footwell light
- W46 Rear right footwell light
- 370 Earth connection 5, in main wiring harness
- 371 Earth connection 6, in main wiring harness
- B433 Connection (footwell light), in main wiring harness
- B559 Positive connection 1 (30g), in main wiring harness

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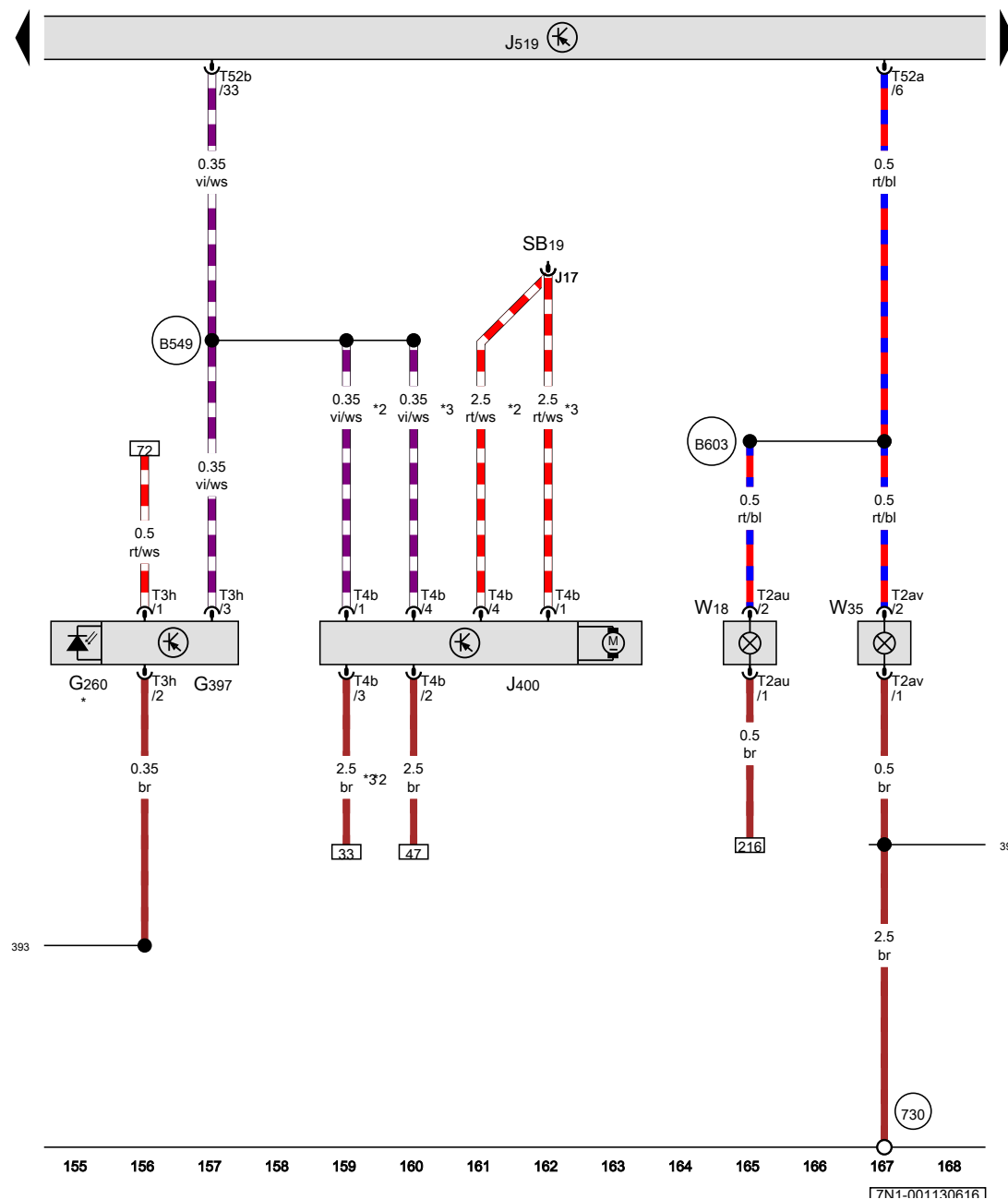


Onboard supply control unit, Main beam assist control unit, Front interior light, Left centre reading light, Right centre reading light, Rear centre reading light, Automatic anti-dazzle interior mirror

- J519 Onboard supply control unit
- J844 Main beam assist control unit
- T3au 3-pin connector
- T3av 3-pin connector
- T3ax 3-pin connector
- T6r 6-pin connector
- T8e 8-pin connector
- T52b 52-pin connector
- T52c 52-pin connector
- W1 Front interior light
- W13 Front passenger reading light
- W19 Driver side reading light
- W39 Left centre reading light
- W40 Right centre reading light
- W44 Rear centre reading light
- Y7 Automatic anti-dazzle interior mirror

- 393 Earth connection 28, in main wiring harness
- 431 Earth connection 2, in roof wiring harness
- 689 Earth point, at front, central in roof
- B155 Connection 2 (DCt), in interior wiring harness
- B559 Positive connection 1 (30g), in main wiring harness
- * Only models with main beam assist

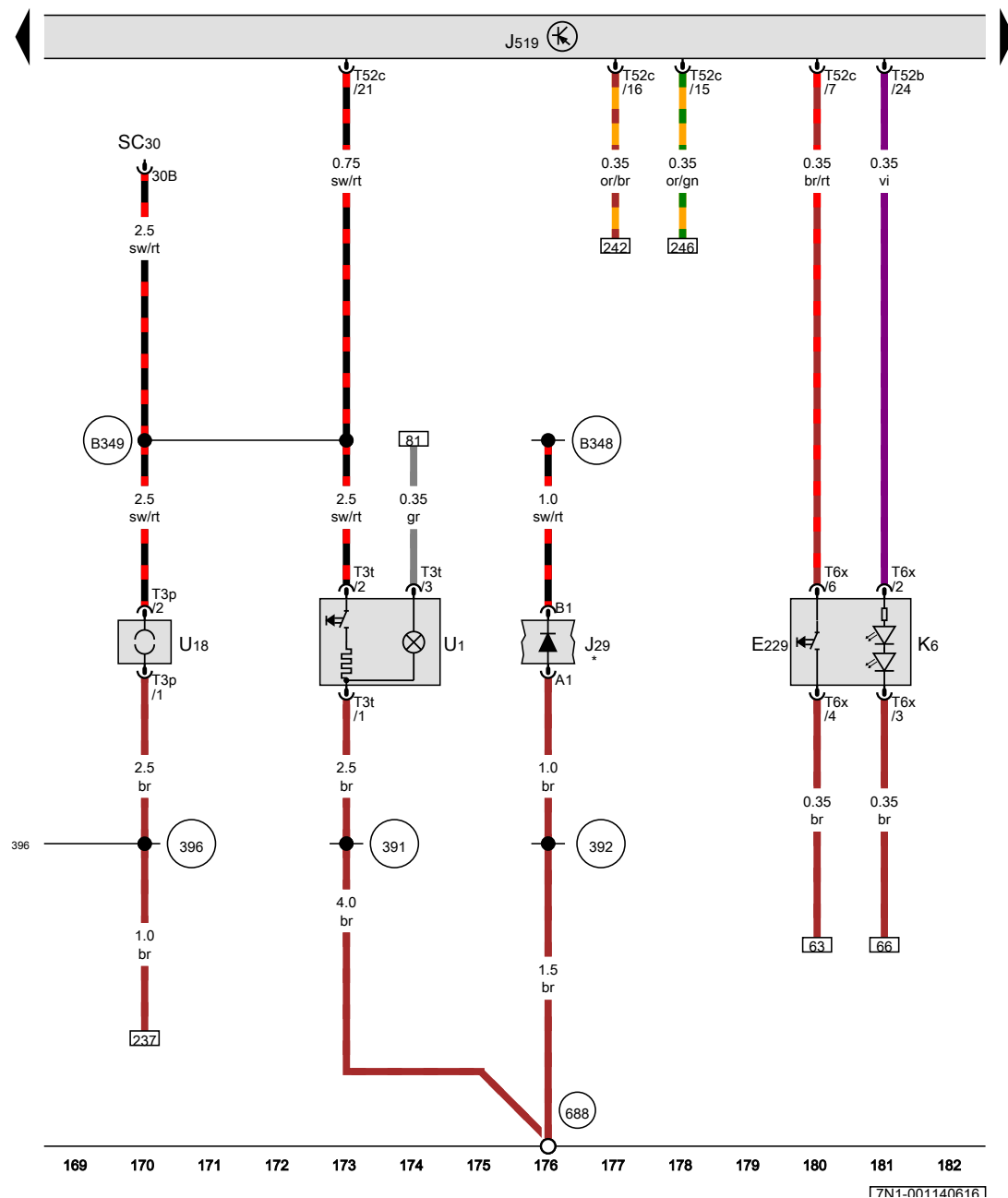
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Humidity sender for air conditioning system, Rain and light sensor, Wiper motor control unit, Onboard supply control unit, Luggage compartment light on left, Right luggage compartment light

- G260 Humidity sender for air conditioning system
- G397 Rain and light sensor
- J400 Wiper motor control unit
- J519 Onboard supply control unit
- SB19 Fuse 19 on fuse holder B
- T2au 2-pin connector
- T2av 2-pin connector
- T3h 3-pin connector
- T4b 4-pin connector
- T52a 52-pin connector
- T52b 52-pin connector
- W18 Luggage compartment light on left
- W35 Right luggage compartment light

- 393 Earth connection 28, in main wiring harness
- 396 Earth connection 31, in main wiring harness
- 730 Earth point 1, on right rear wheel housing
- B549 Connection 2 (LIN bus) in main wiring harness
- B603 Positive connection 2 (30g), in main wiring harness
- * According to equipment
- *2 Only left-hand drive models
- *3 Only right-hand drive models



Hazard warning lights button, Blocking diode, Onboard supply control unit, Cigarette lighter, 12 V socket 2

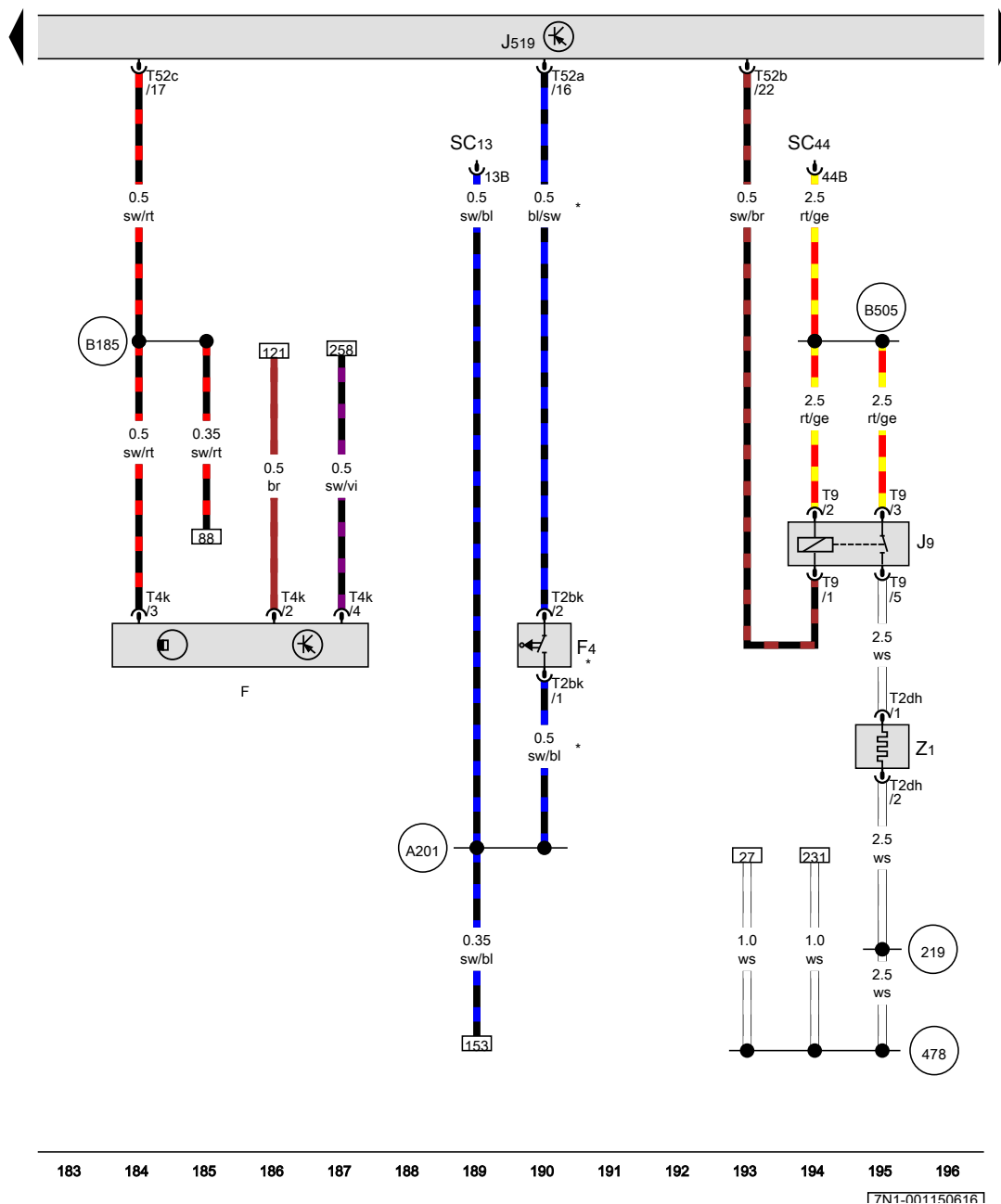
- E229 Hazard warning lights button
- J29 Blocking diode
- J519 Onboard supply control unit
- K6 Indicator lamp for hazard warning light
- SC30 Fuse 30 on fuse holder C
- T3p 3-pin connector
- T3t 3-pin connector
- T6x 6-pin connector
- T52b 52-pin connector
- T52c 52-pin connector
- U1 Cigarette lighter
- U18 12 V socket 2

- 391 Earth connection 26, in main wiring harness
- 392 Earth connection 27, in main wiring harness
- 396 Earth connection 31, in main wiring harness
- 688 Earth point 2, on centre tunnel
- B348 Connection 1 (75a), in main wiring harness
- B349 Connection 2 (75a), in main wiring harness

* According to equipment

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Brake light switch, Reversing light switch, Heated rear window relay, Onboard supply control unit

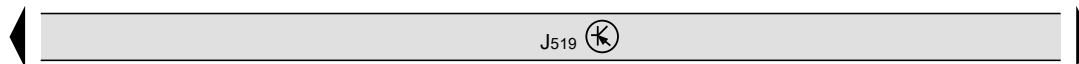


- F Brake light switch
- F4 Reversing light switch
- J9 Heated rear window relay
- J519 Onboard supply control unit
- SC13 Fuse 13 on fuse holder C
- SC44 Fuse 44 on fuse holder C
- T2bk 2-pin connector
- T2dh 2-pin connector
- T4k 4-pin connector
- T9 9-pin connector
- T52a 52-pin connector
- T52b 52-pin connector
- T52c 52-pin connector
- Z1 Heated rear window

- (219) Earth connection 2, in rear lid wiring harness
- (478) Earth connection 3, in rear lid wiring harness
- (A201) Positive connection 6 (15a) in dash panel wiring harness
- (B185) Connection 2 (54), in interior wiring harness
- (B505) Positive connection 9 (30a), in interior wiring harness

* Not for models with dual clutch gearbox

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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

- 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
- T2ey 2-pin connector
- T2ez 2-pin connector
- T16c 16-pin connector
- T16d 16-pin connector
- T20a 20-pin connector
- T20b 20-pin connector
- T28 28-pin connector
- T28a 28-pin connector

205 Earth connection, in driver door wiring harness

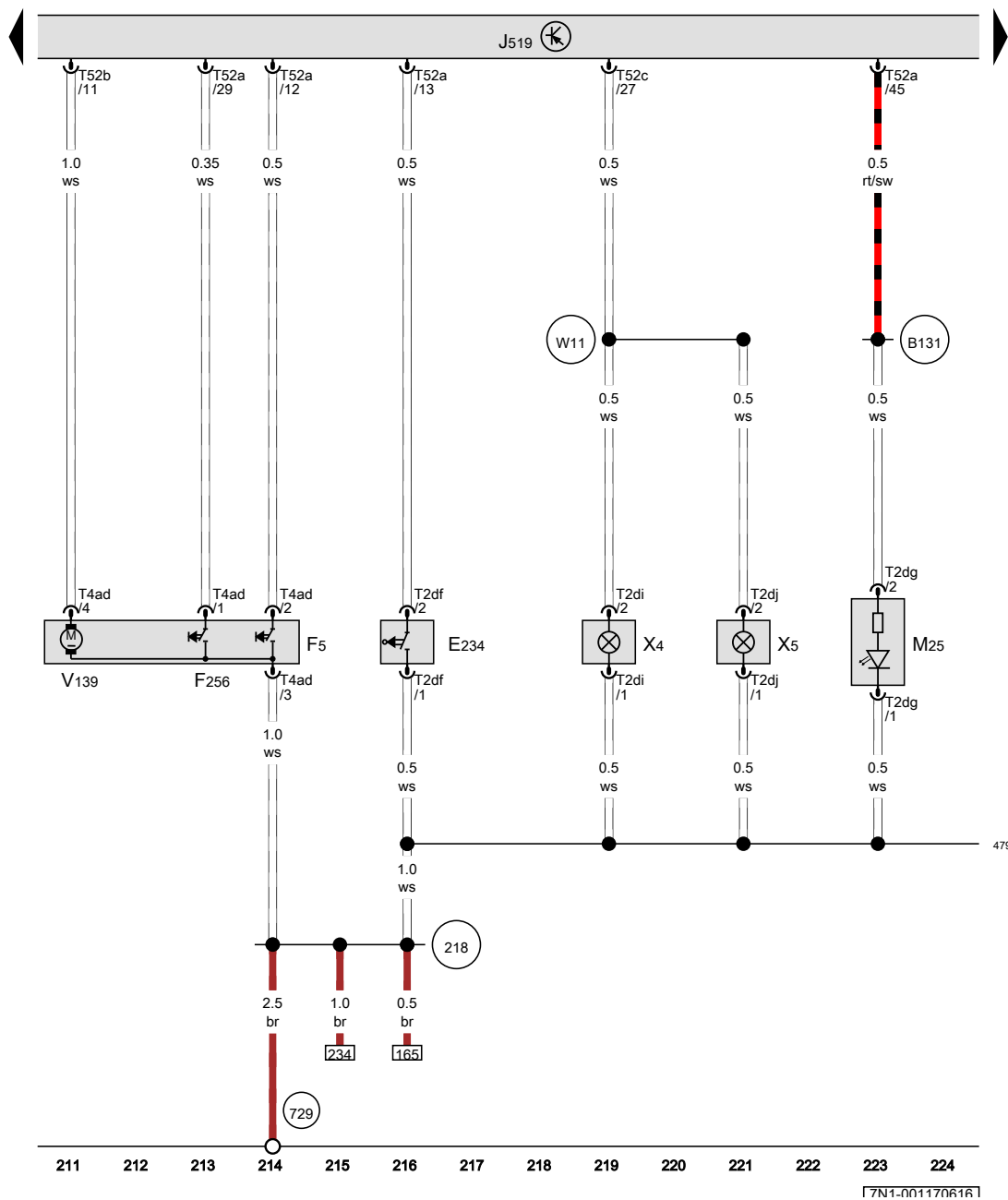
206 Earth connection, in front passenger door wiring harness

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

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

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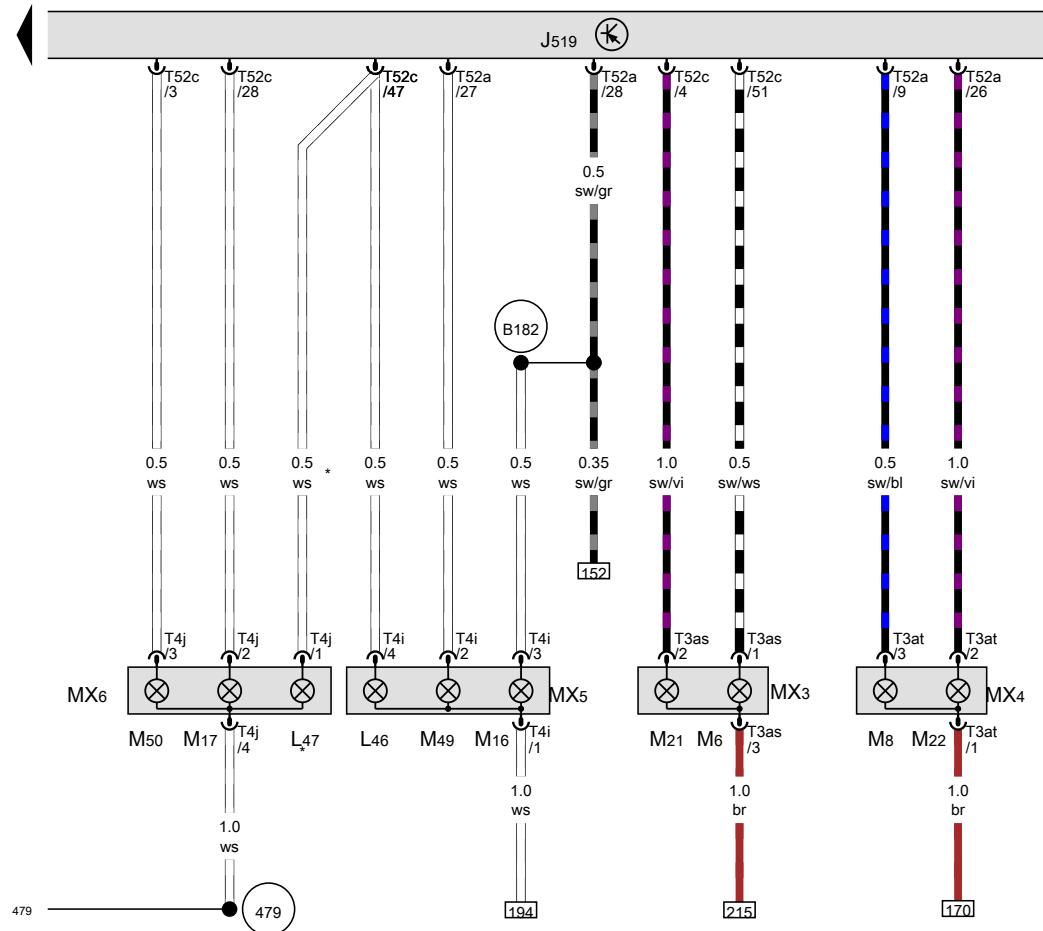
Rear lid handle release button, Luggage compartment light switch, Rear lid lock unit, Onboard supply control unit, High-level brake light bulb, Rear lid release motor, Left number plate light, Right number plate light

- E234 Rear lid handle release button
- F5 Luggage compartment light switch
- F256 Rear lid lock unit
- J519 Onboard supply control unit
- M25 High-level brake light bulb
- T2df 2-pin connector
- T2dg 2-pin connector
- T2di 2-pin connector
- T2dj 2-pin connector
- T4ad 4-pin connector
- T52a 52-pin connector
- T52b 52-pin connector
- T52c 52-pin connector
- V139 Rear lid release motor
- X4 Left number plate light
- X5 Right number plate light

- 218 Earth connection 1, in rear lid wiring harness
- 479 Earth connection 4, in rear lid wiring harness
- 729 Earth point, on left rear wheel housing
- B131 Connection (54), in interior wiring harness
- W11 Connection (58), in rear lid wiring harness

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



- | | |
|------|---------------------------------|
| J519 | Onboard supply control unit |
| L46 | Rear left fog light bulb |
| L47 | Rear right fog light bulb |
| MX3 | Left tail light |
| 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 |
| M49 | Left tail light bulb 2 |
| M50 | Right tail light bulb 2 |
| T3as | 3-pin connector |
| T3at | 3-pin connector |
| T4i | 4-pin connector |
| T4j | 4-pin connector |
| T52a | 52-pin connector |
| T52c | 52-pin connector |

(479) Earth connection 4, in rear lid wiring harness

(B182) Connection (RL), in interior wiring harness

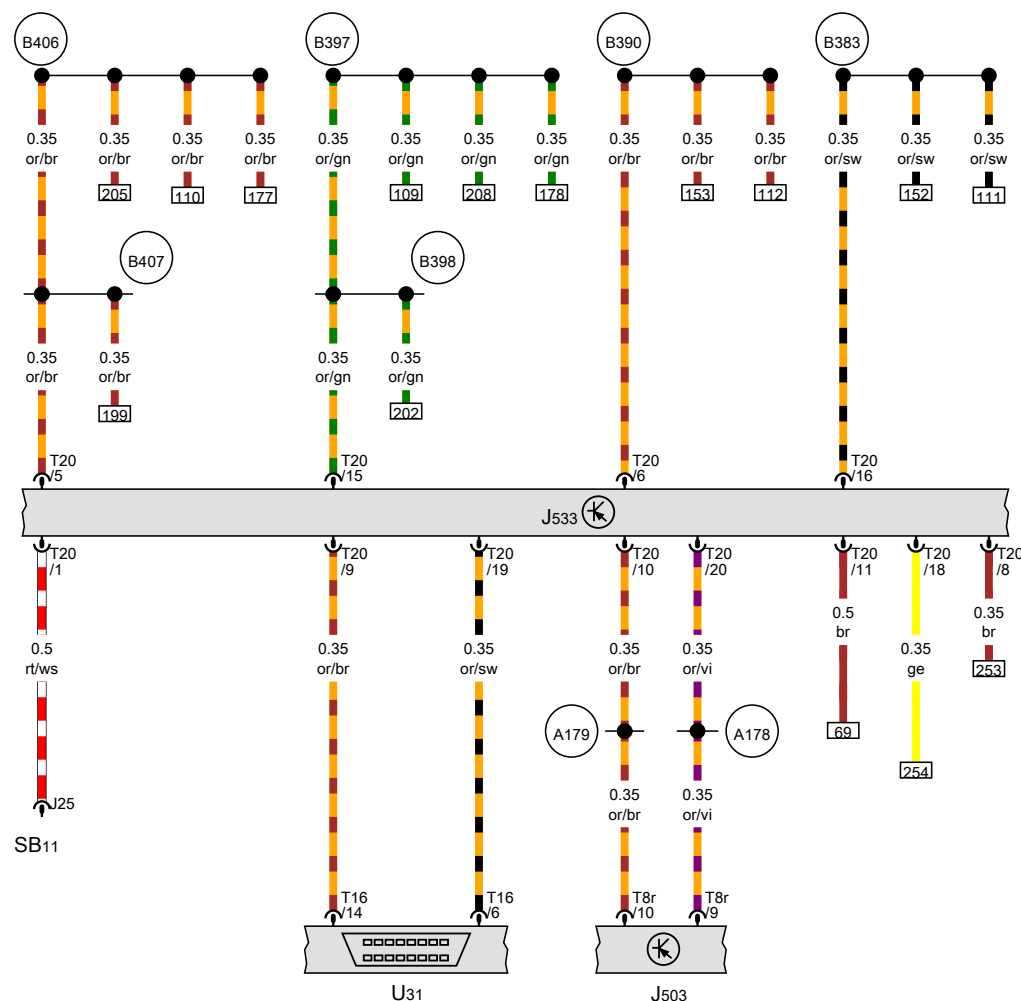
* Only right-hand drive models

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Control unit with display for radio and navigation, Data bus diagnostic interface, Diagnostic connection

- J503 Control unit with display for radio and navigation
- J533 Data bus diagnostic interface
- SB11 Fuse 11 on fuse holder B
- T8r 8-pin connector
- T16 16-pin connector
- T20 20-pin connector
- U31 Diagnostic connection

- A178 Connection (infotainment CAN bus, high), in dash panel wiring harness
- A179 Connection (infotainment CAN bus, low), in dash panel 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

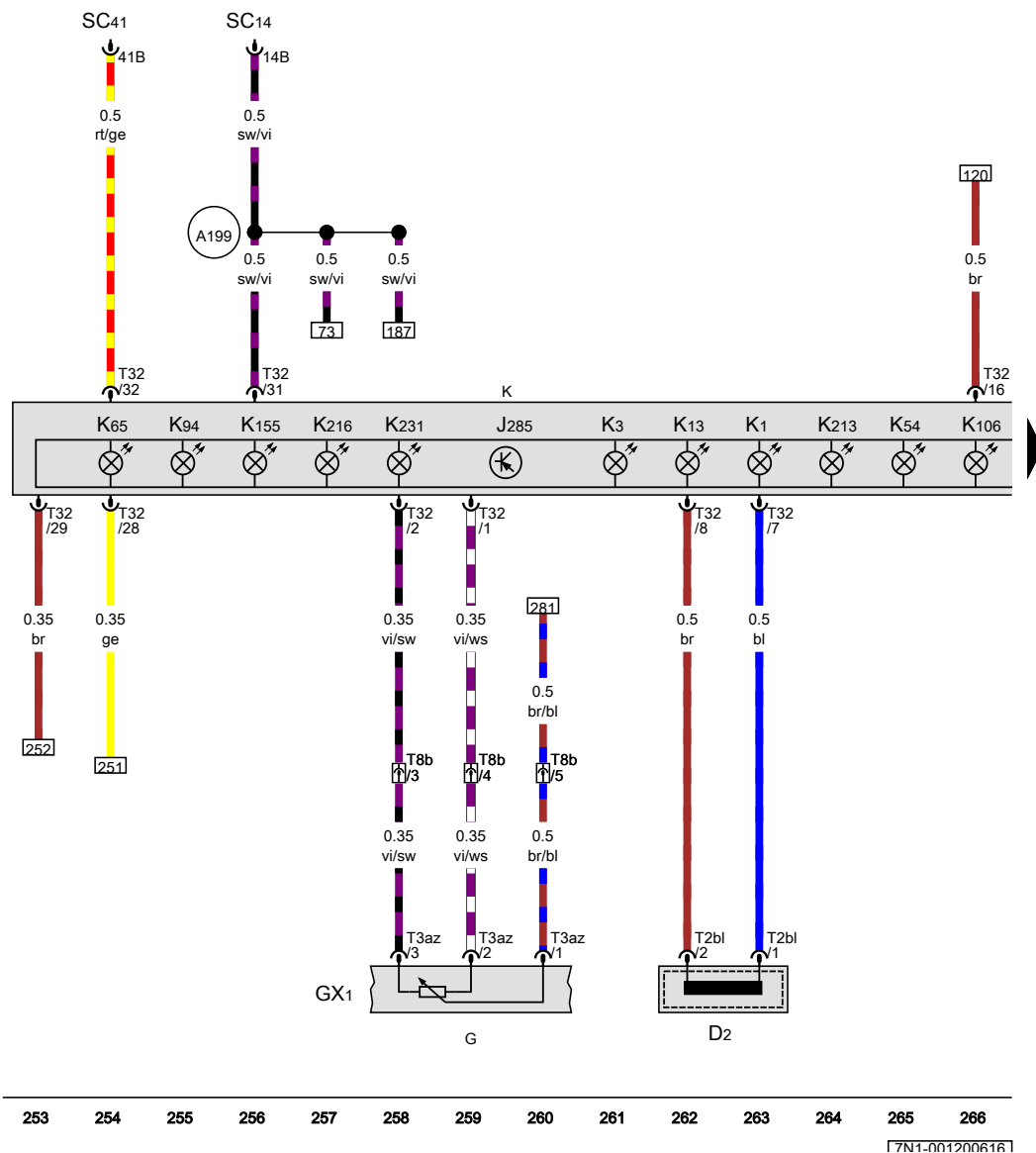


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Immobiliser reader coil, Fuel delivery unit, Dash panel insert

- D2 Immobiliser reader coil
- G Fuel gauge sender
- GX1 Fuel delivery unit
- J285 Control unit in dash panel insert
- K Dash panel insert
- K1 Main beam warning lamp
- K3 Oil pressure warning lamp
- K13 Rear fog light warning lamp
- K54 Battery charge condition warning lamp: red LED for less than 12 Volt
- K65 Left turn signal warning lamp
- K94 Right turn signal warning lamp
- K106 Washer fluid low warning lamp
- K155 Warning lamp for electronic stabilisation program and TCS
- K213 Electromechanical parking brake warning lamp
- K216 Warning lamp 2 for electronic stabilisation program and TCS
- K231 Diesel particulate filter warning lamp
- SC14 Fuse 14 on fuse holder C
- SC41 Fuse 41 on fuse holder C
- T2bl 2-pin connector
- T3az 3-pin connector
- T8b 8-pin connector
- T32 32-pin connector

A199 Positive connection 4 (15a) in dash panel wiring harness



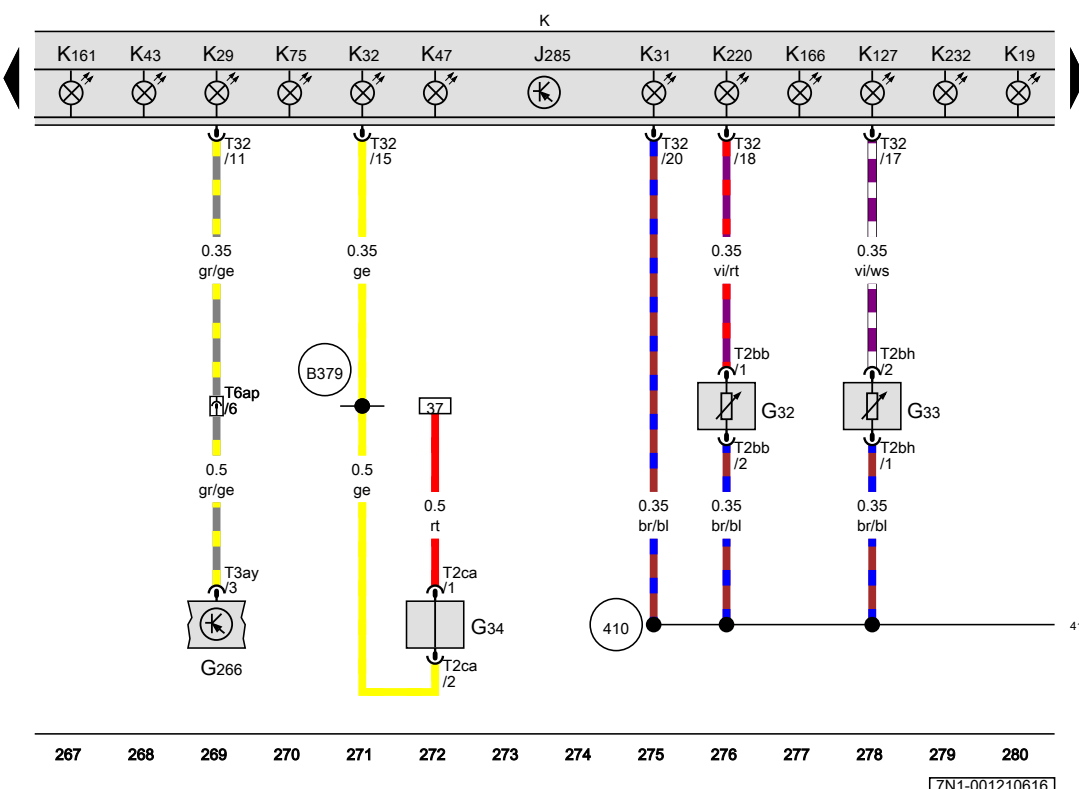
Coolant shortage indicator sender, Windscreen washer fluid level sender, Front left brake pad wear sender, Oil level and oil temperature sender, Dash panel insert

- G32 Coolant shortage indicator sender
- G33 Windscreen washer fluid level sender
- G34 Front left brake pad wear sender
- G266 Oil level and oil temperature sender
- J285 Control unit in dash panel insert
- K Dash panel insert
- K19 Seat belt warning system warning lamp
- K29 Glow period warning lamp
- K31 Cruise control system warning lamp
- K32 Brake pad warning lamp
- K43 Coolant temperature warning lamp (too cold)
- K47 ABS warning lamp
- K75 Airbag warning lamp
- K127 Rear lid open warning lamp
- K161 Electromechanical power steering warning lamp
- K166 Door open warning lamp
- K220 Tyre Pressure Loss Indicator warning lamp
- K232 Lane change assist warning lamp
- T2bb 2-pin connector
- T2bh 2-pin connector
- T2ca 2-pin connector
- T3ay 3-pin connector
- T6ap 6-pin connector
- T32 32-pin connector

410 Earth connection 1 (sender earth) in main wiring harness

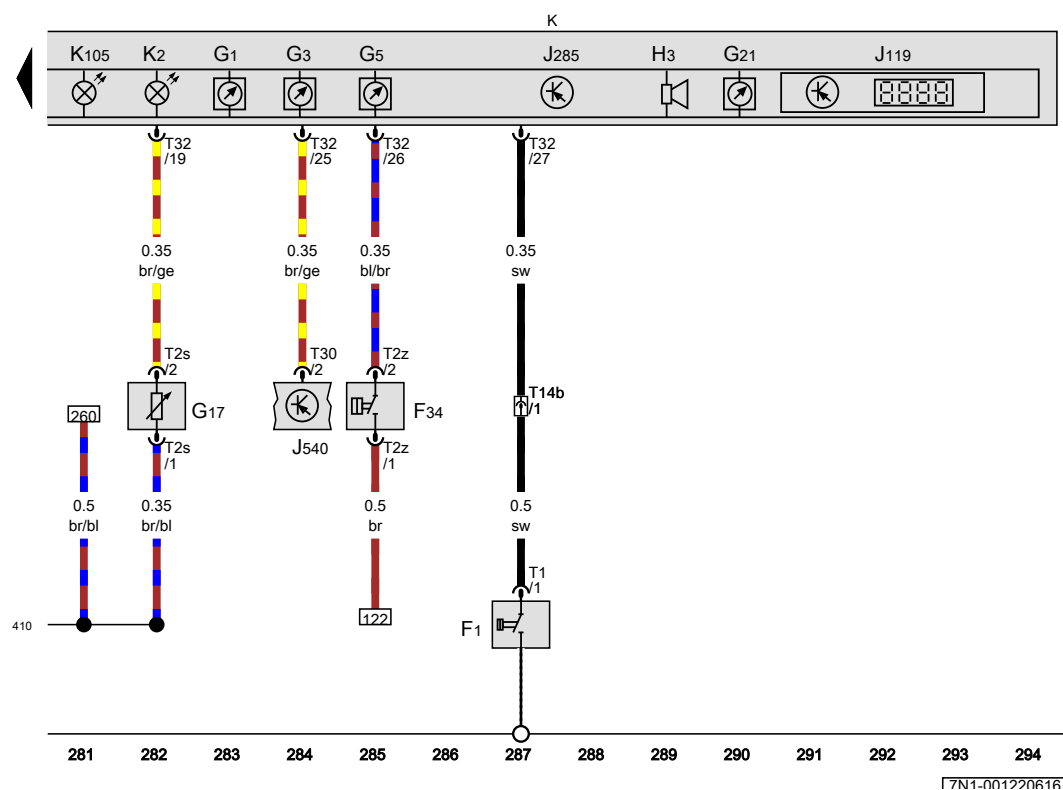
B379 Connection 1 (brake pad wear indicator), in main wiring harness

* Only right-hand drive models



Oil pressure switch, Brake fluid level warning contact, Ambient temperature sensor, Control unit for electromechanical parking brake, Dash panel insert

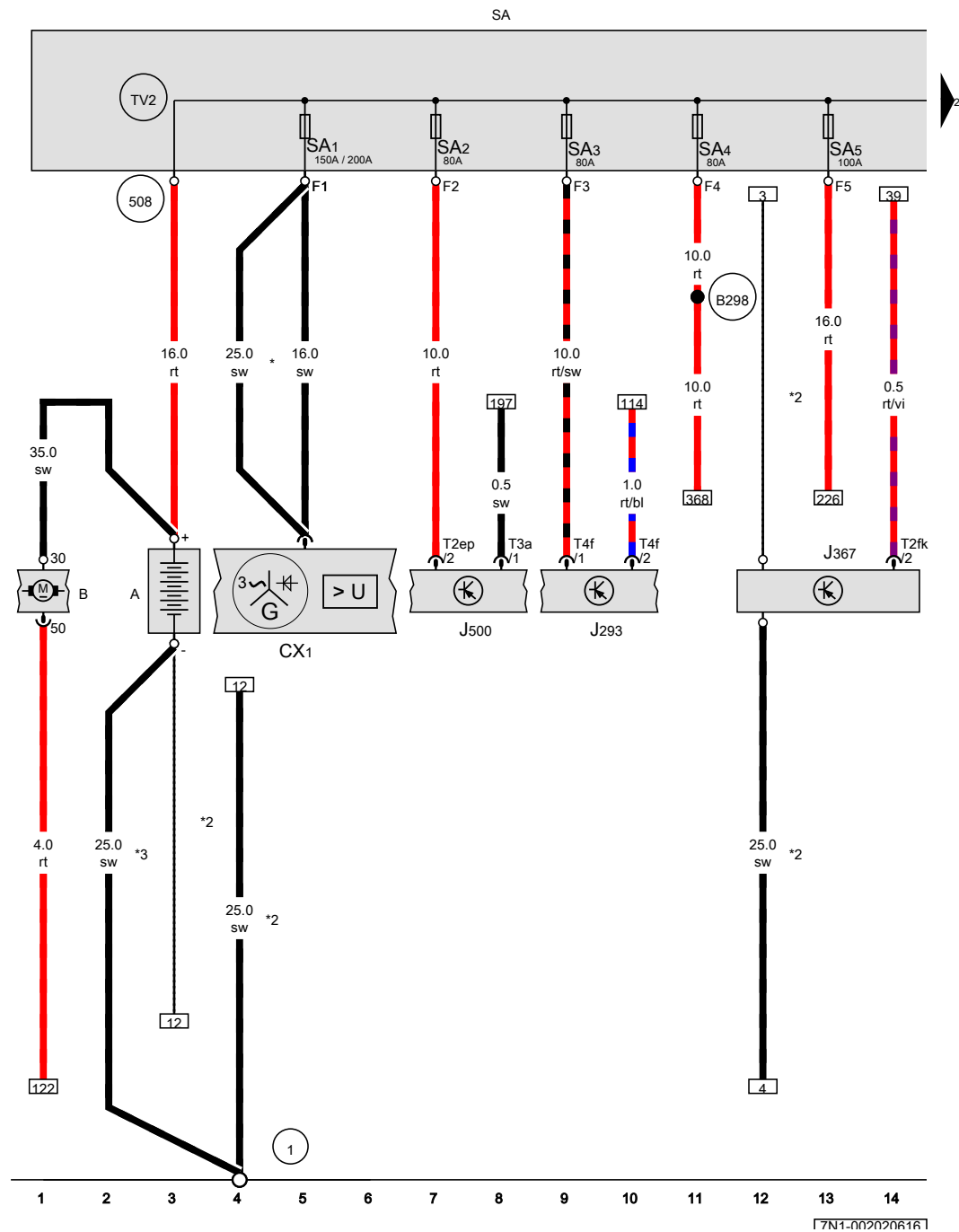
- F1 Oil pressure switch
- F34 Brake fluid level warning contact
- G1 Fuel gauge
- G3 Coolant temperature gauge
- G5 Rev. counter
- G17 Ambient temperature sensor
- G21 Speedometer
- H3 Buzzer and gong
- J119 Multifunction indicator
- J285 Control unit in dash panel insert
- J540 Control unit for electromechanical parking brake
- K Dash panel insert
- K2 Alternator warning lamp
- K105 Reserve fuel warning lamp
- T1 Single connector
- T2s 2-pin connector
- T2z 2-pin connector
- T14b 14-pin connector
- T30 30-pin connector
- T32 32-pin connector



410 Earth connection 1 (sender earth) in main wiring harness

Fuse assignment

From May 2010

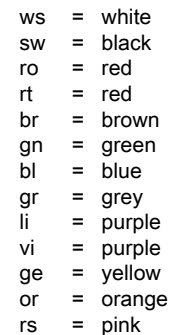


Battery, Starter, Battery monitor control unit, Fuse holder A

- | | |
|------|---|
| A | Battery |
| B | Starter |
| CX1 | Alternator with voltage regulator |
| J293 | Radiator fan control unit |
| J367 | Battery monitor control unit |
| J500 | Power steering control unit |
| SA | Fuse holder A, on E-box in engine compartment |
| SA1 | Fuse 1 in fuse holder A |
| SA2 | Fuse 2 in fuse holder A |
| SA3 | Fuse 3 in fuse holder A |
| SA4 | Fuse 4 in fuse holder A |
| SA5 | Fuse 5 in fuse holder A |
| T2ep | 2-pin connector |
| T2fk | 2-pin connector |
| T3a | 3-pin connector |
| T4f | 4-pin connector |

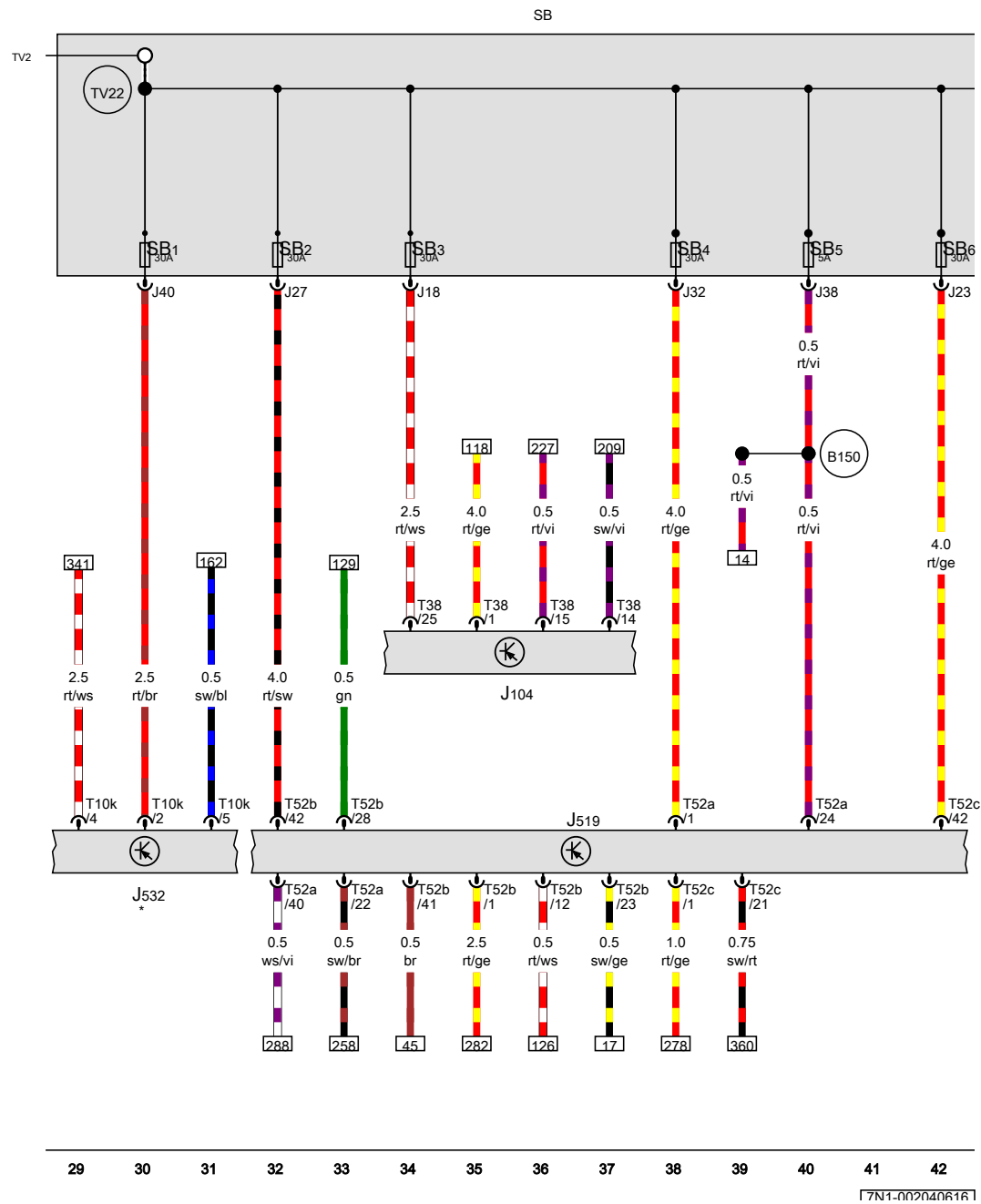
- 1 Earth strap, battery - body
 - 508 Threaded connection (30) on E-box
 - B298 Positive connection 2 (30), in main wiring harness
 - TV2 Terminal 30 wiring junction
- * According to equipment
*2 Only models with start/stop system
*3 Only models with no start/stop system

- 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



E470	Driver seat adjustment operating unit
E471	Front passenger seat adjustment operating unit
J47	Heated windscreen relay
J359	Low heat output relay
J360	High heat output relay
J731	Right sliding door control unit
J810	Driver seat adjustment control unit
SA	Fuse holder A, on E-box in engine compartment
SA6	Fuse 6 in fuse holder A
SA7	Fuse 7 in fuse holder A
SA8	Fuse 8 in fuse holder A
S44	Driver seat adjustment thermal fuse 1
S46	Front passenger seat adjustment thermal fuse 1
S362	Thermal fuse 2
T1e	Single connector
T1f	Single connector
T3ap	3-pin connector
T7a	7-pin connector
T7b	7-pin connector
T9a	9-pin connector
T10a	10-pin connector
T10b	10-pin connector
T10w	10-pin connector
Z2	Heated windscreen
Z35	Auxiliary air heater element

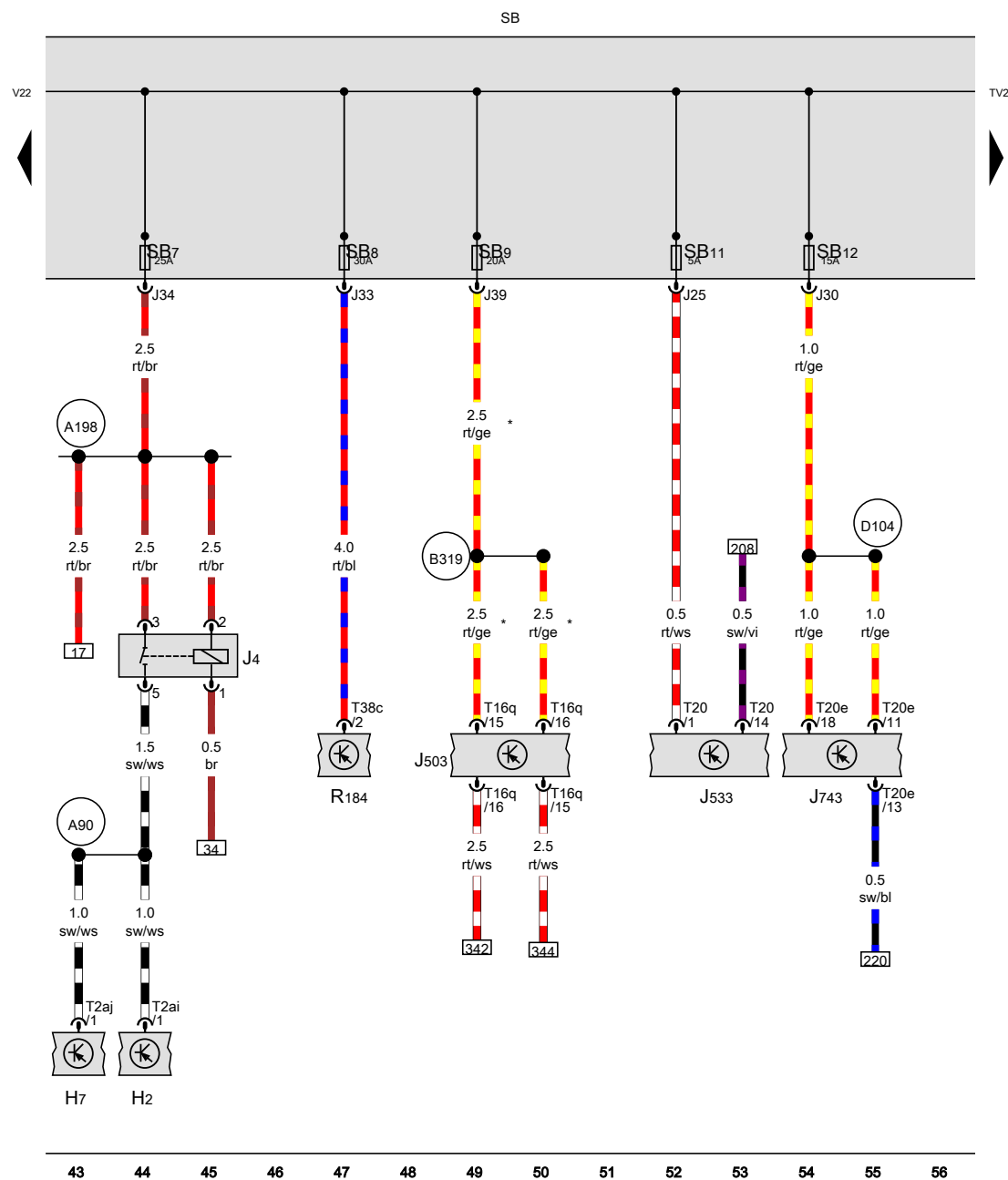
- B146 Positive connection 1 (87), in interior wiring harness
- B217 Connection (auxiliary heater), in interior wiring harness
- B299 Positive connection 3 (30), in main wiring harness
- B301 Positive connection 5 (30), in main wiring harness
- TV2 Terminal 30 wiring junction



Fuse holder B

- | | |
|-------------|---|
| J104 | ABS control unit |
| J519 | Onboard supply control unit |
| J532 | Voltage stabiliser |
| SB | Fuse holder B |
| SB1 | Fuse 1 on fuse holder B |
| SB2 | Fuse 2 on 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 |
| T10k | 10-pin connector |
| T38 | 38-pin connector |
| T52a | 52-pin connector |
| T52b | 52-pin connector |
| T52c | 52-pin connector |
| B150 | Positive connection 2 (30a), in interior wiring harness |
| TV2 | Terminal 30 wiring junction |
| TV22 | Terminal 30 wiring junction 2 |
| * | Only models with start/stop system |

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ge	=	yellow
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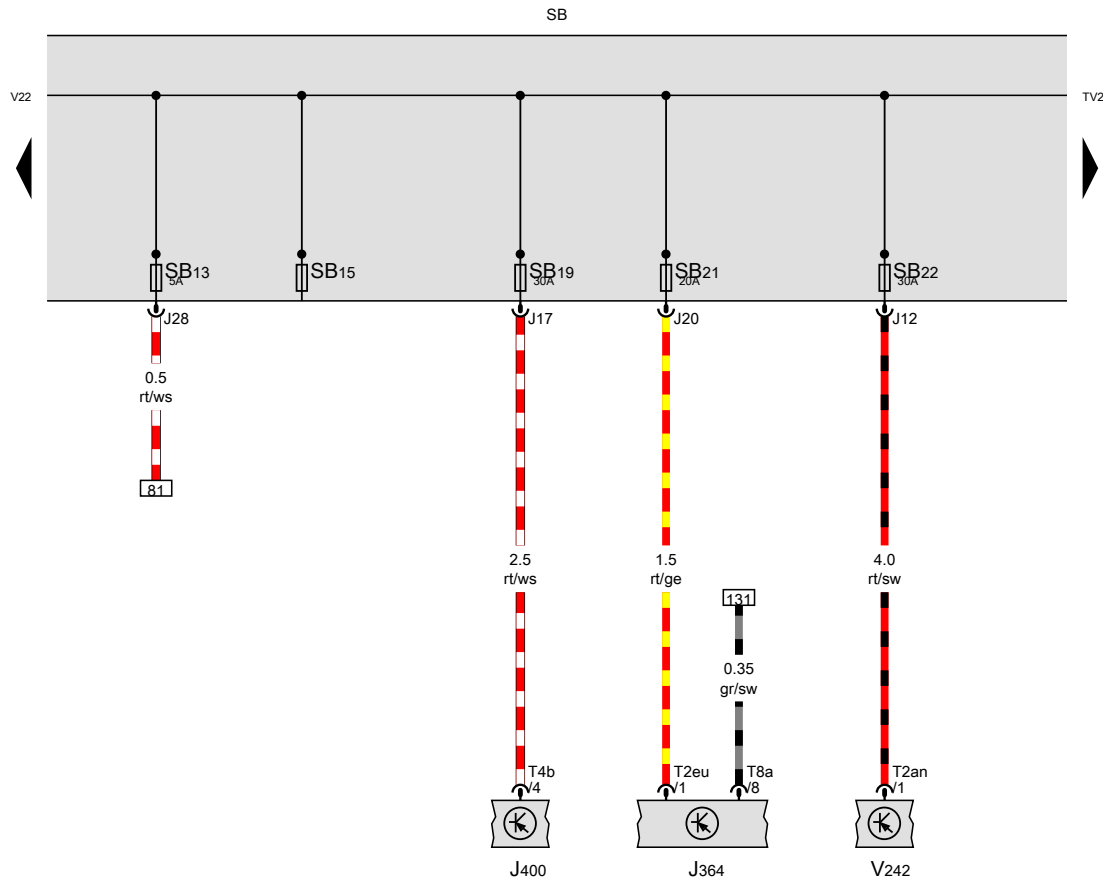


Fuse holder B

- H2 Treble horn
- H7 Bass horn
- J4 Dual tone horn relay
- J503 Control unit with display for radio and navigation
- J533 Data bus diagnostic interface
- J743 Mechatronic unit for dual clutch gearbox
- R184 Digital sound package amplifier
- 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
- SB12 Fuse 12 on fuse holder B
- T2ai 2-pin connector
- T2aj 2-pin connector
- T16q 16-pin connector
- T20 20-pin connector
- T20e 20-pin connector
- T38c 38-pin connector

- A90 Connection (dual tone horn), in dash panel wiring harness
- A198 Positive connection 6 (30a) in dash panel wiring harness
- B319 Positive connection 5 (30a) in main wiring harness
- D104 Positive connection 2 (30a), in engine compartment wiring harness
- TV22 Terminal 30 wiring junction 2
- * Only models with no start/stop system

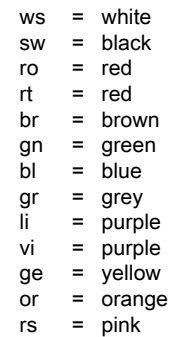
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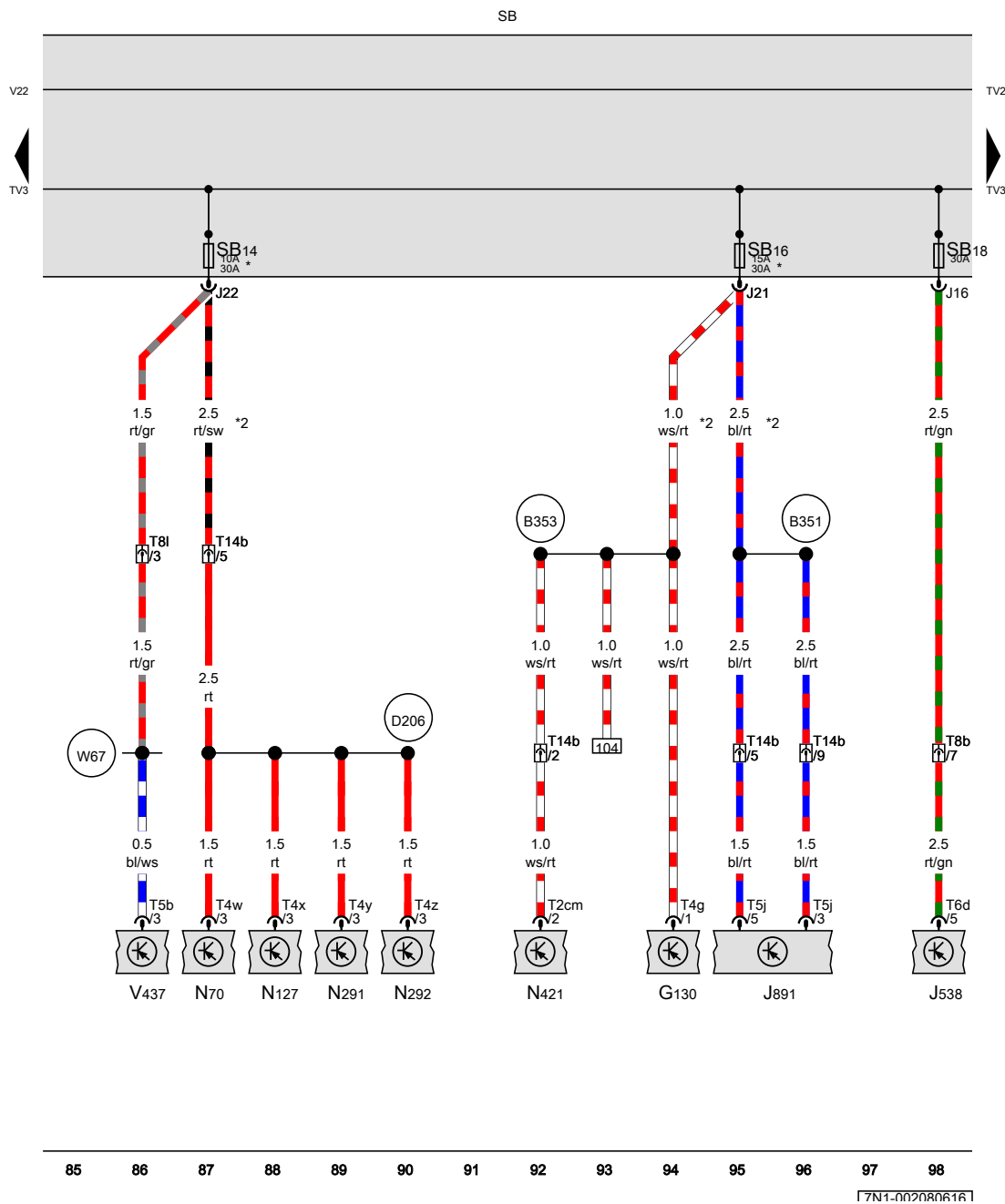
Fuse holder B

- J364 Auxiliary heater control unit
- J400 Wiper motor control unit
- SB Fuse holder B
- SB13 Fuse 13 on fuse holder B
- SB15 Fuse 15 on fuse holder B
- SB19 Fuse 19 on fuse holder B
- SB21 Fuse 21 on fuse holder B
- SB22 Fuse 22 on fuse holder B
- T2an 2-pin connector
- T2eu 2-pin connector
- T4b 4-pin connector
- T8a 8-pin connector
- V242 Rear air recirculation blower
- TV22 Terminal 30 wiring junction 2

ws = white
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 ro = red
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 br = brown
 gn = green
 bl = blue
 gr = grey
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 vi = purple
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 rs = pink



J623	Engine control unit
SB	Fuse holder B
SB10	Fuse 10 on fuse holder B
T94	94-pin connector
B219	Positive connection 4 (30a), in interior wiring harness
B354	Positive connection 5 (87a) in main wiring harness
TV3	Terminal 30a wiring junction
TV22	Terminal 30 wiring junction 2



Fuse holder B

- G130 Lambda probe after catalytic converter
- J538 Fuel pump control unit
- J891 Control unit for reducing agent heater
- 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
- N421 Magnetic clutch for supercharger
- SB Fuse holder B
- SB14 Fuse 14 on fuse holder B
- SB16 Fuse 16 on fuse holder B
- SB18 Fuse 18 on fuse holder B
- T2cm 2-pin connector
- T4g 4-pin connector
- T4w 4-pin connector
- T4x 4-pin connector
- T4y 4-pin connector
- T4z 4-pin connector
- T5b 5-pin connector
- T5j 5-pin connector
- T6d 6-pin connector
- T8b 8-pin connector
- T8I 8-pin connector
- T14b 14-pin connector
- V437 Pump for reducing agent

B351 Positive connection 2 (87a) in main wiring harness

B353 Positive connection 4 (87a) in main wiring harness

D206 Connection 4 (87a) in engine prewiring harness

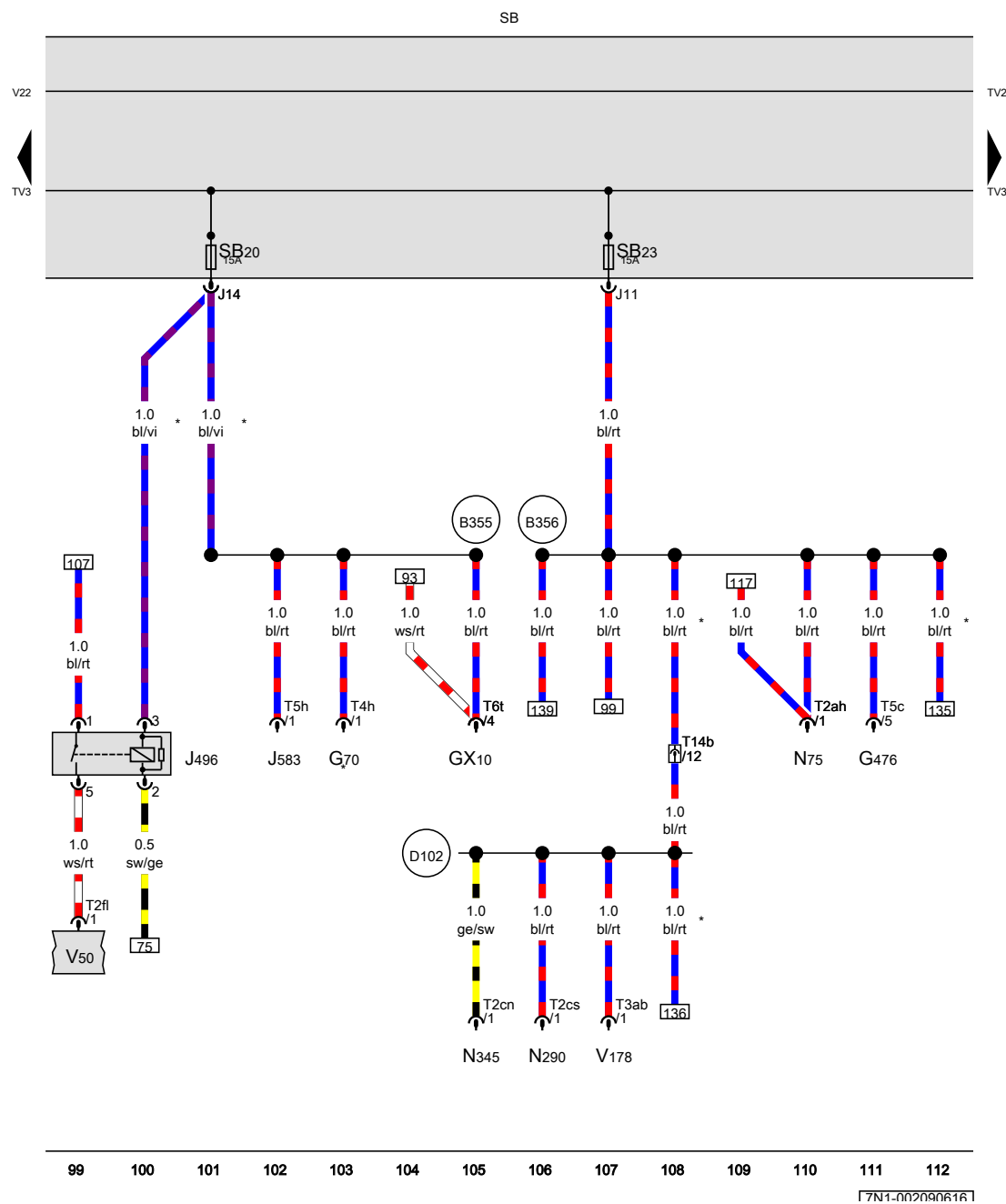
TV3 Terminal 30a wiring junction

TV22 Terminal 30 wiring junction 2

W67 Connection (87), in floor wiring harness

* According to equipment

*2 see applicable current flow diagram for engine



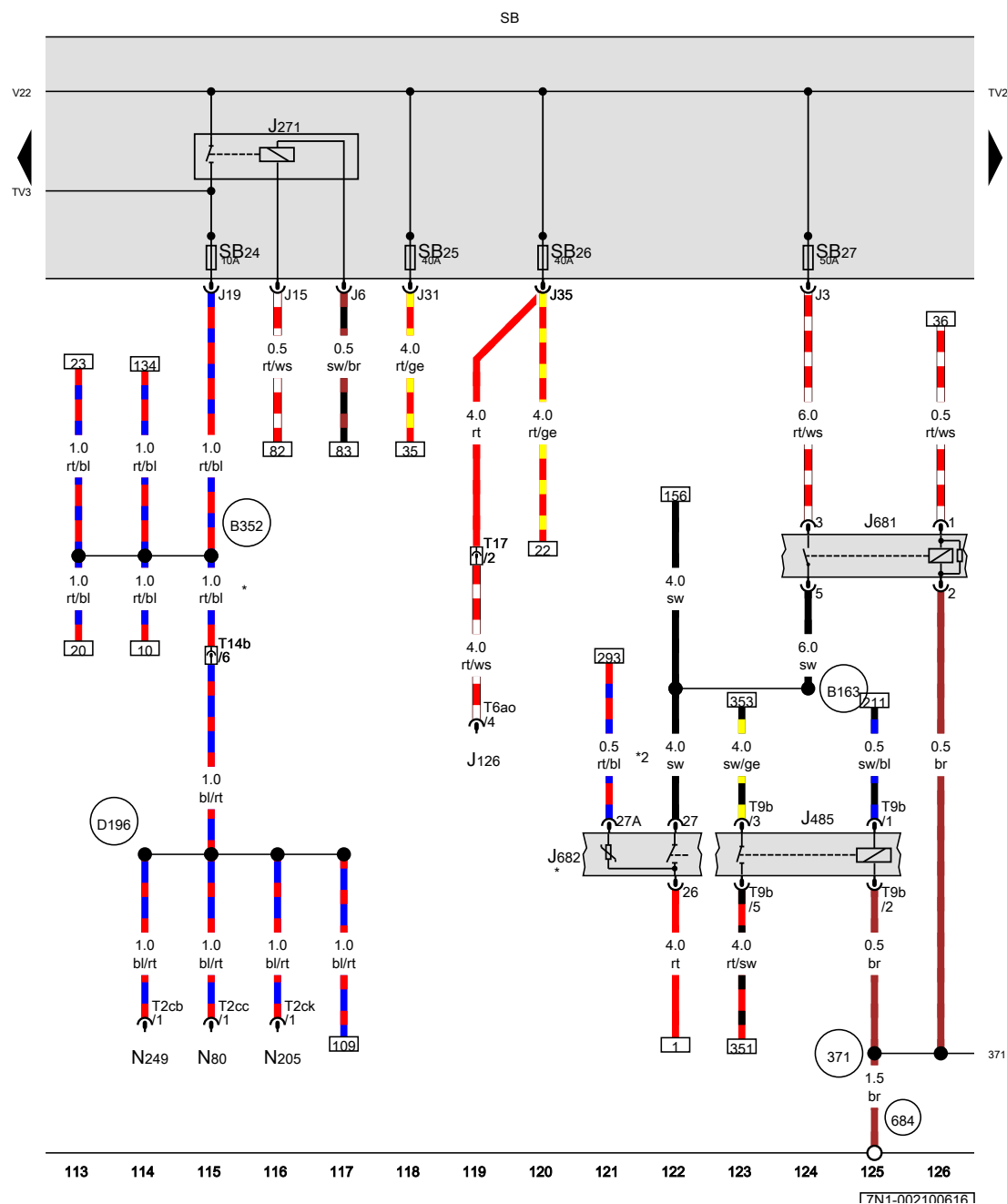
Fuse holder B

- | | |
|------|---|
| GX10 | Lambda probe 1 before catalytic converter |
| G70 | Air mass meter |
| G476 | Clutch position sender |
| J496 | Additional coolant pump relay |
| J583 | Control unit for NOx sender |
| N75 | Charge pressure control solenoid valve |
| N290 | Fuel metering valve |
| N345 | Exhaust gas recirculation cooler changeover valve |
| SB | Fuse holder B |
| SB20 | Fuse 20 on fuse holder B |
| SB23 | Fuse 23 on fuse holder B |
| T2ah | 2-pin connector |
| T2cn | 2-pin connector |
| T2cs | 2-pin connector |
| T2fl | 2-pin connector |
| T3ab | 3-pin connector |
| T4h | 4-pin connector |
| T5c | 5-pin connector |
| T5h | 5-pin connector |
| T6t | 6-pin connector |
| T14b | 14-pin connector |
| V50 | Coolant circulation pump |
| V178 | Coolant circulation pump 2 |

- B355 Positive connection 6 (87a) in main wiring harness
- B356 Positive connection 7 (87a) in main wiring harness
- D102 Connection 2 in engine compartment wiring harness
- TV3 Terminal 30a wiring junction
- TV22 Terminal 30 wiring junction 2

* see applicable current flow diagram for engine

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Main relay, Terminal 50 voltage supply relay, Fuse holder B

- J126 Fresh air blower control unit
- J271 Main relay
- J485 Auxiliary heater operation relay
- J681 Terminal 15 voltage supply relay 2
- J682 Terminal 50 voltage supply relay
- N80 Activated charcoal filter solenoid valve 1
- N205 Camshaft control valve 1
- N249 Turbocharger air recirculation valve
- SB Fuse holder B
- SB24 Fuse 24 on fuse holder B
- SB25 Fuse 25 on fuse holder B
- SB26 Fuse 26 on fuse holder B
- SB27 Fuse 27 on fuse holder B
- T2cb 2-pin connector
- T2cc 2-pin connector
- T2ck 2-pin connector
- T6ao 6-pin connector
- T9b 9-pin connector
- T14b 14-pin connector
- T17 17-pin connector

371 Earth connection 6, in main wiring harness

684 Earth point on front of left side member

B163 Positive connection 1 (15), in interior wiring harness

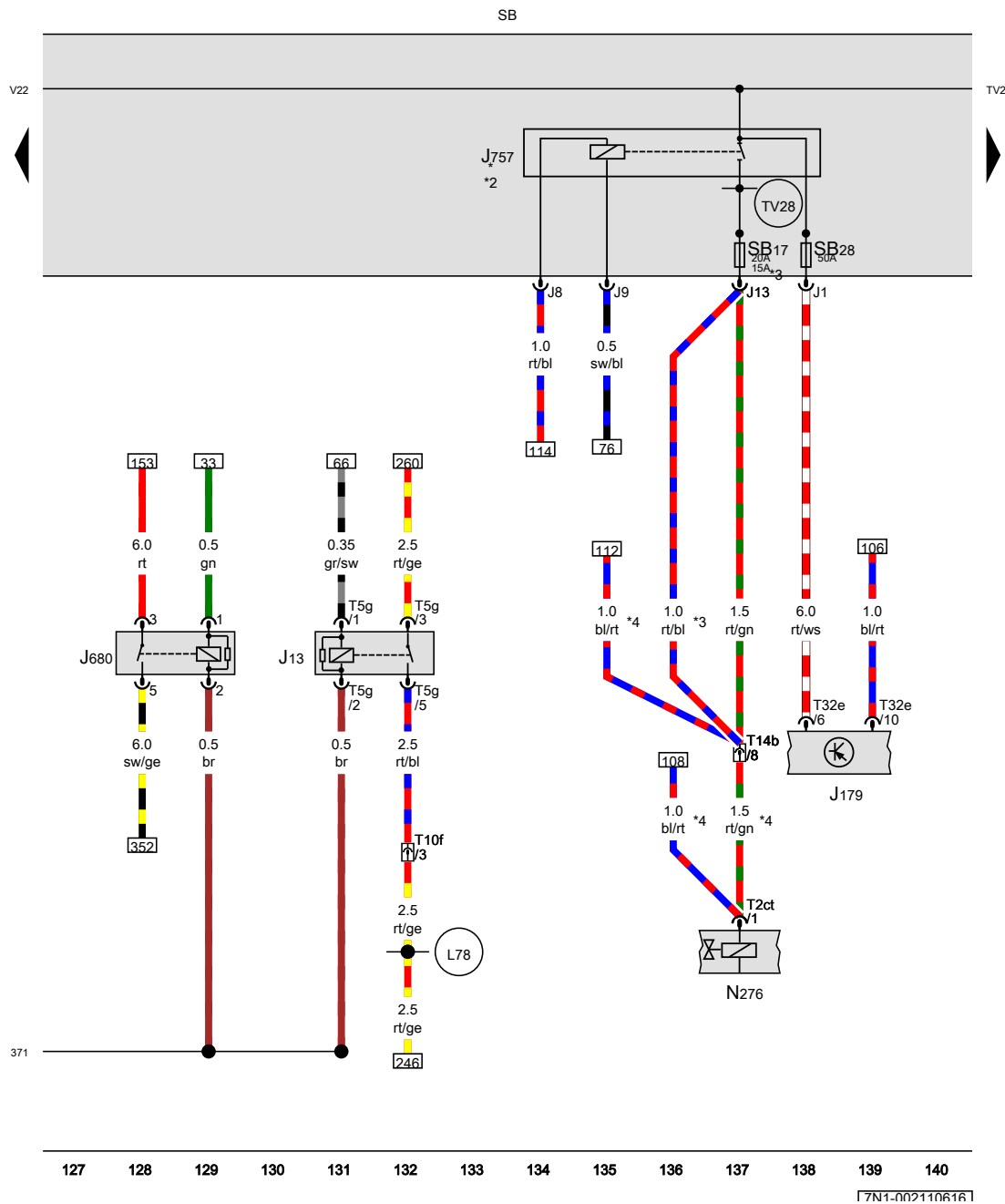
B352 Positive connection 3 (87a) in main wiring harness

D196 Connection 2 (87a) in engine prewiring harness

TV3 Terminal 30a wiring junction

TV22 Terminal 30 wiring junction 2

* see applicable current flow diagram for engine
*2 Only models with entry and start authorisation



Engine component current supply relay, Fuse holder B

- J13 Fresh air blower relay
- J179 Automatic glow period control unit
- J680 Terminal 75 voltage supply relay 1
- J757 Engine component current supply relay
- N276 Fuel pressure regulating valve
- SB Fuse holder B
- SB17 Fuse 17 on fuse holder B
- SB28 Fuse 28 on fuse holder B
- T2ct 2-pin connector
- T5g 5-pin connector
- T10f 10-pin connector
- T14b 14-pin connector
- T32e 32-pin connector

371 Earth connection 6, in main wiring harness

L78 Connection 1, in fresh air blower wiring harness

TV22 Terminal 30 wiring junction 2

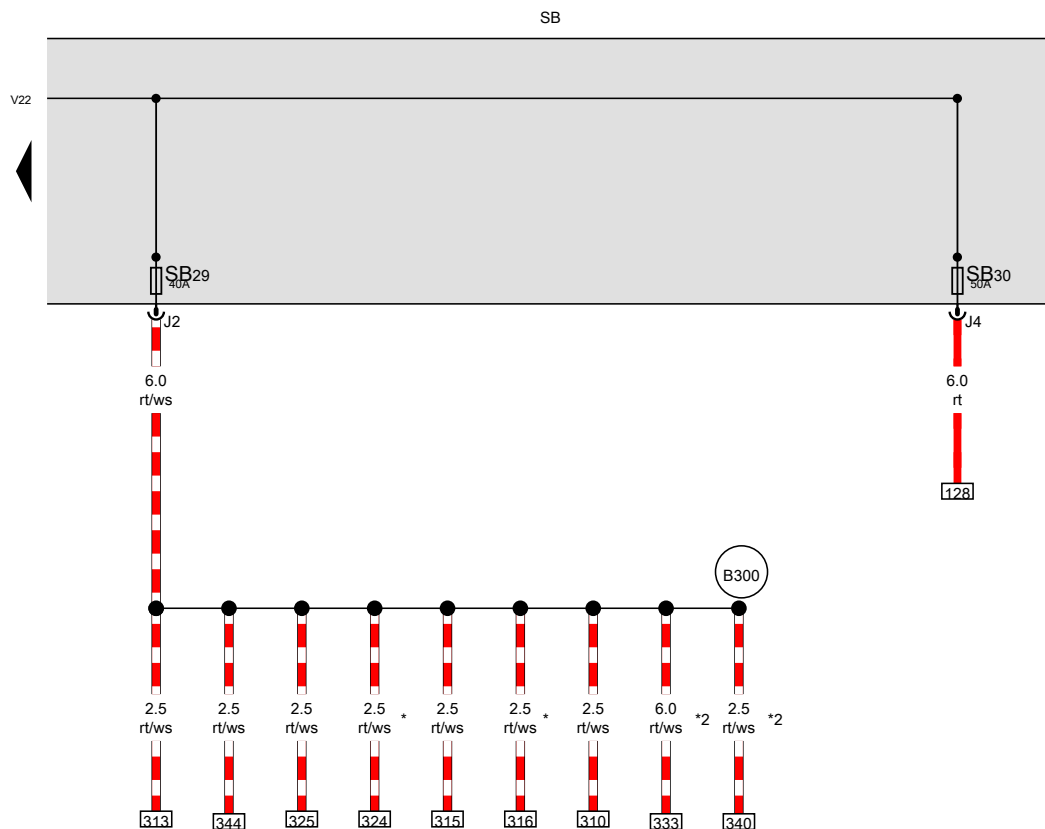
TV28 Terminal 30 wiring junction 3

* Contact bridge, only models with diesel engine

*2 Only models with petrol engine

*3 From May 2011

*4 see applicable current flow diagram for engine



Fuse holder B

SB Fuse holder B

SB29 Fuse 29 on fuse holder B

SB30 Fuse 30 on fuse holder B

B300 Positive connection 4 (30), in main wiring harness

TV22 Terminal 30 wiring junction 2

* Only models with taxi equipment

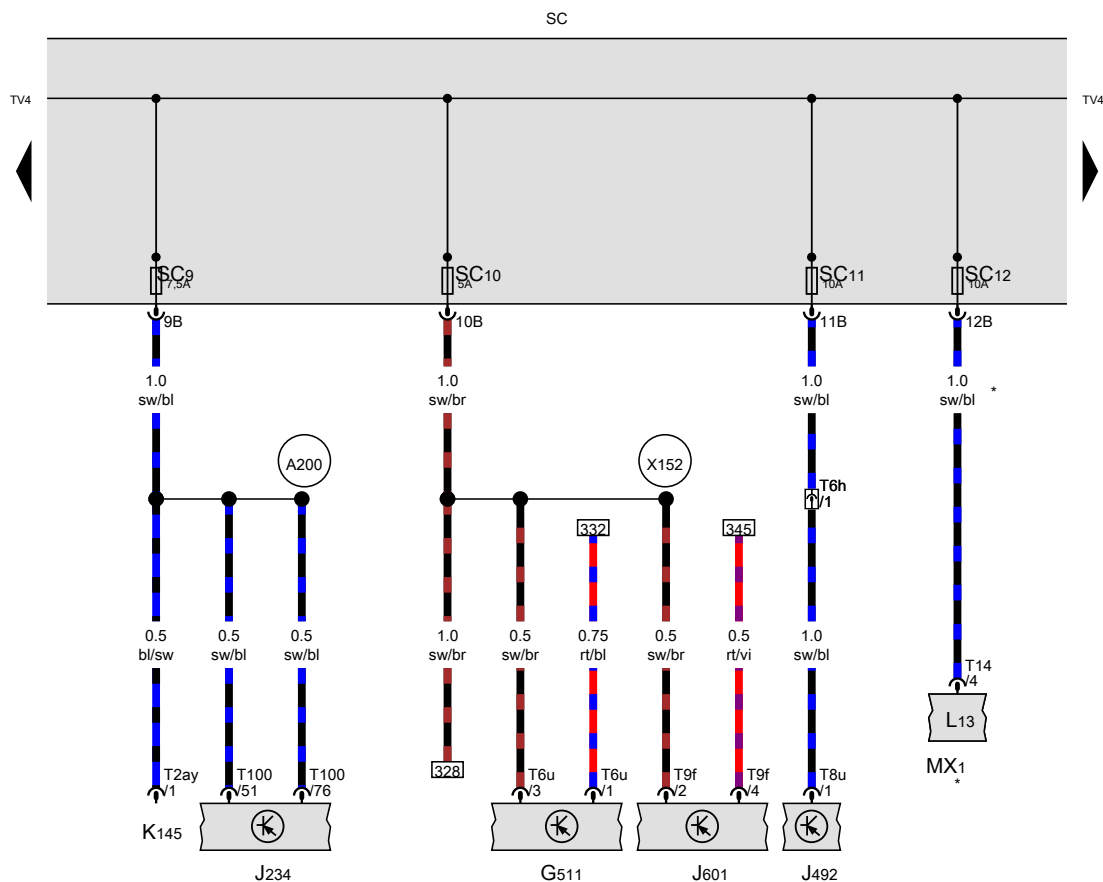
*2 Only models with no start/stop system

ws = white
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141 142 143 144 145 146 147 148 149 150 151 152 153 154

[7N1-002120616]





Fuse holder C

- G511 Mirror taximeter
- J234 Airbag control unit
- J492 All-wheel drive control unit
- J601 Taxi alarm remote control, control unit
- K145 Front passenger side airbag deactivated warning lamp
- L13 Left gas discharge (xenon) bulb
- MX1 Front left headlight
- SC Fuse holder C
- SC9 Fuse 9 on fuse holder C
- SC10 Fuse 10 on fuse holder C
- SC11 Fuse 11 on fuse holder C
- SC12 Fuse 12 on fuse holder C
- T2ay 2-pin connector
- T6h 6-pin connector
- T6u 6-pin connector
- T8u 8-pin connector
- T9f 9-pin connector
- T14 14-pin connector
- T100 100-pin connector

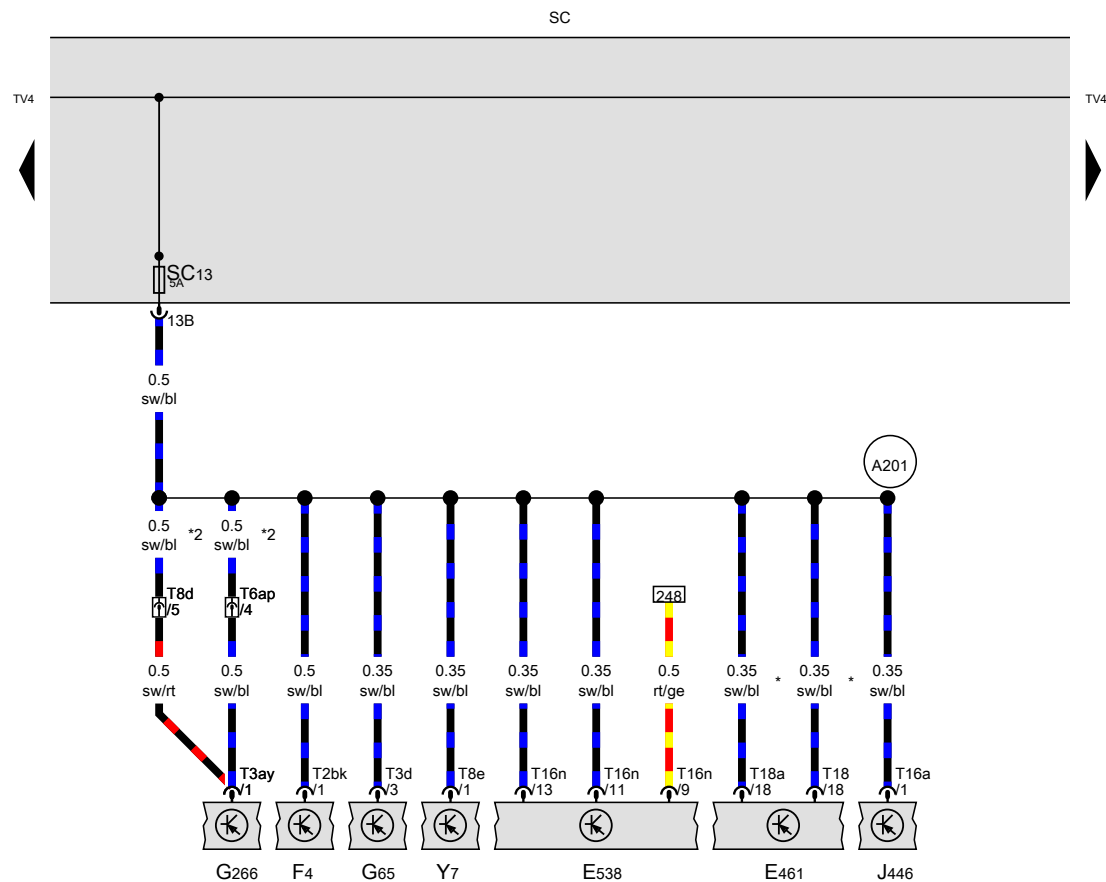
A200 Positive connection 5 (15a) in dash panel wiring harness

TV4 Terminal 15 wiring junction

X152 Positive connection 2 (15), in taxi wiring harness

* Headlight with gas discharge light

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



Fuse holder C

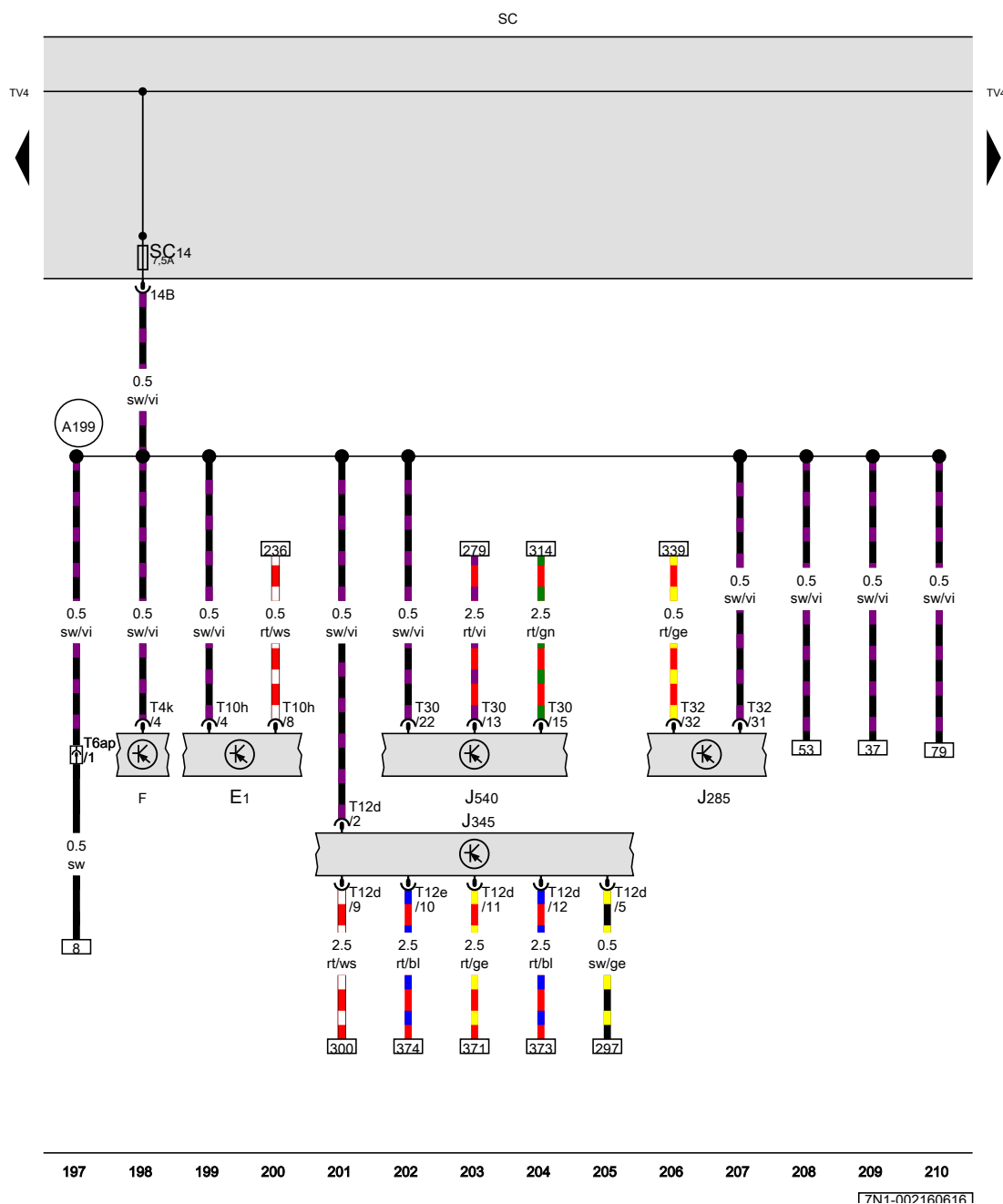
- | | |
|------|---|
| E461 | Operating unit in front of centre console |
| E538 | Electromechanical parking brake button |
| F4 | Reversing light switch |
| G65 | High-pressure sender |
| G266 | Oil level and oil temperature sender |
| J446 | Parking aid control unit |
| SC | Fuse holder C |
| SC13 | Fuse 13 on fuse holder C |
| T2bk | 2-pin connector |
| T3ay | 3-pin connector |
| T3d | 3-pin connector |
| T6ap | 6-pin connector |
| T8d | 8-pin connector |
| T8e | 8-pin connector |
| T16a | 16-pin connector |
| T16n | 16-pin connector |
| T18 | 18-pin connector |
| T18a | 18-pin connector |
| Y7 | Automatic anti-dazzle interior mirror |

(A201) Positive connection 6 (15a) in dash panel wiring harness

(TV4) Terminal 15 wiring junction

* 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



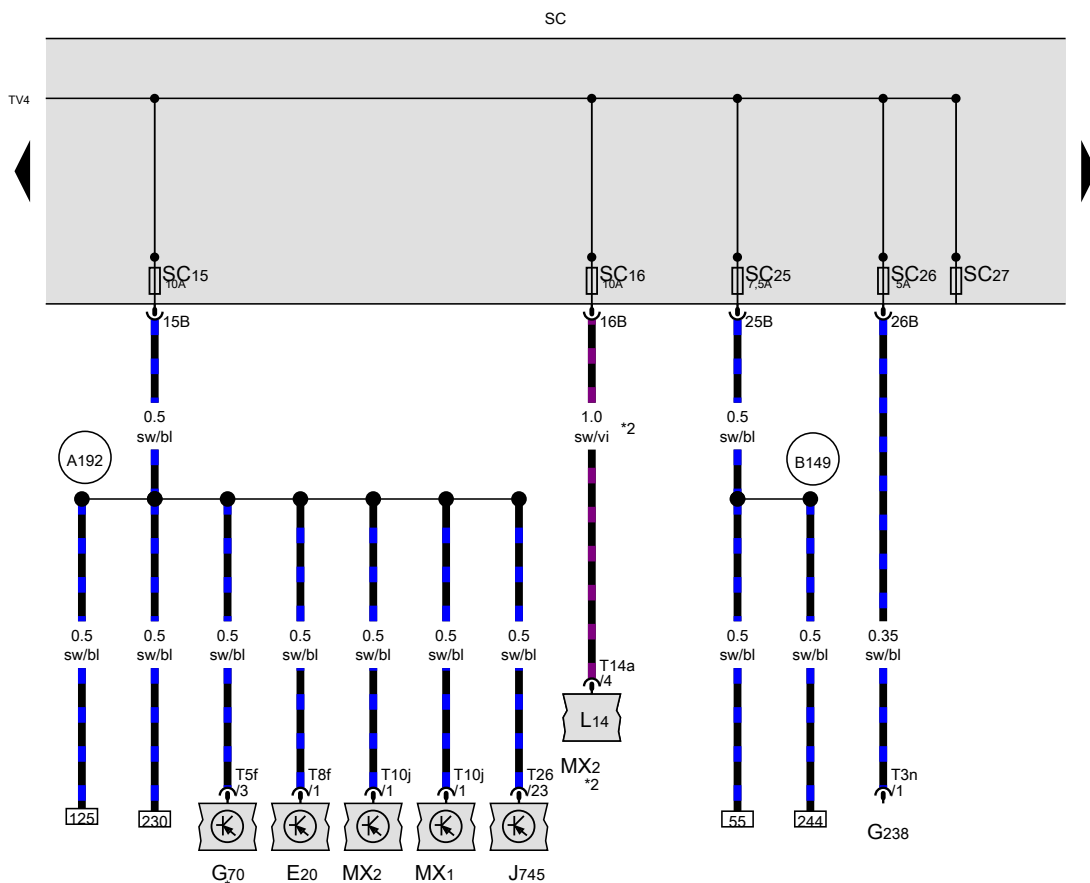
Fuse holder C

- | | |
|------|--|
| E1 | Light switch |
| F | Brake light switch |
| J285 | Control unit in dash panel insert |
| J345 | Trailer detector control unit |
| J540 | Control unit for electromechanical parking brake |
| SC | Fuse holder C |
| SC14 | Fuse 14 on fuse holder C |
| T4k | 4-pin connector |
| T6ap | 6-pin connector |
| T10h | 10-pin connector |
| T12d | 12-pin connector |
| T12e | 12-pin connector |
| T30 | 30-pin connector |
| T32 | 32-pin connector |

(A199) Positive connection 4 (15a) in dash panel wiring harness

TV4 Terminal 15 wiring junction

ws	=	white
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

- E20 Switch and instrument illumination regulator
- G70 Air mass meter
- G238 Air quality sensor
- J745 Control unit for cornering light and headlight range control
- L14 Right gas discharge (xenon) bulb
- MX1 Front left headlight
- MX2 Front right headlight
- SC Fuse holder C
- SC15 Fuse 15 on fuse holder C
- SC16 Fuse 16 on fuse holder C
- SC25 Fuse 25 on fuse holder C
- SC26 Fuse 26 on fuse holder C
- SC27 Fuse 27 on fuse holder C
- T3n 3-pin connector
- T5f 5-pin connector
- T8f 8-pin connector
- T10j 10-pin connector
- T14a 14-pin connector
- T26 26-pin connector

A192 Positive connection 3 (15a) in dash panel wiring harness

B149 Positive connection 2 (15a), in interior wiring harness

TV4 Terminal 15 wiring junction

* see applicable current flow diagram for engine

*2 Headlight with gas discharge light

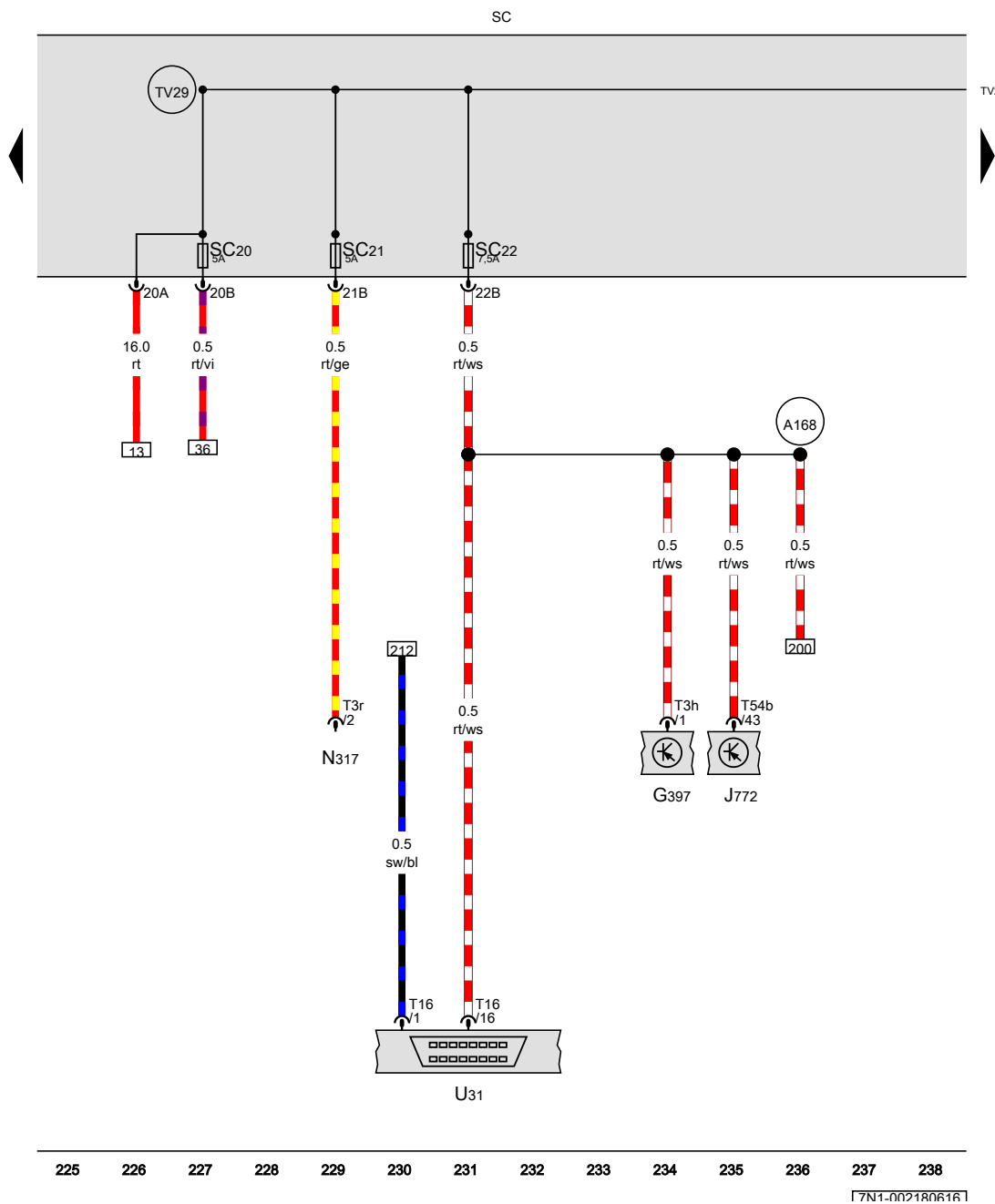
- ws = white
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- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Fuse holder C

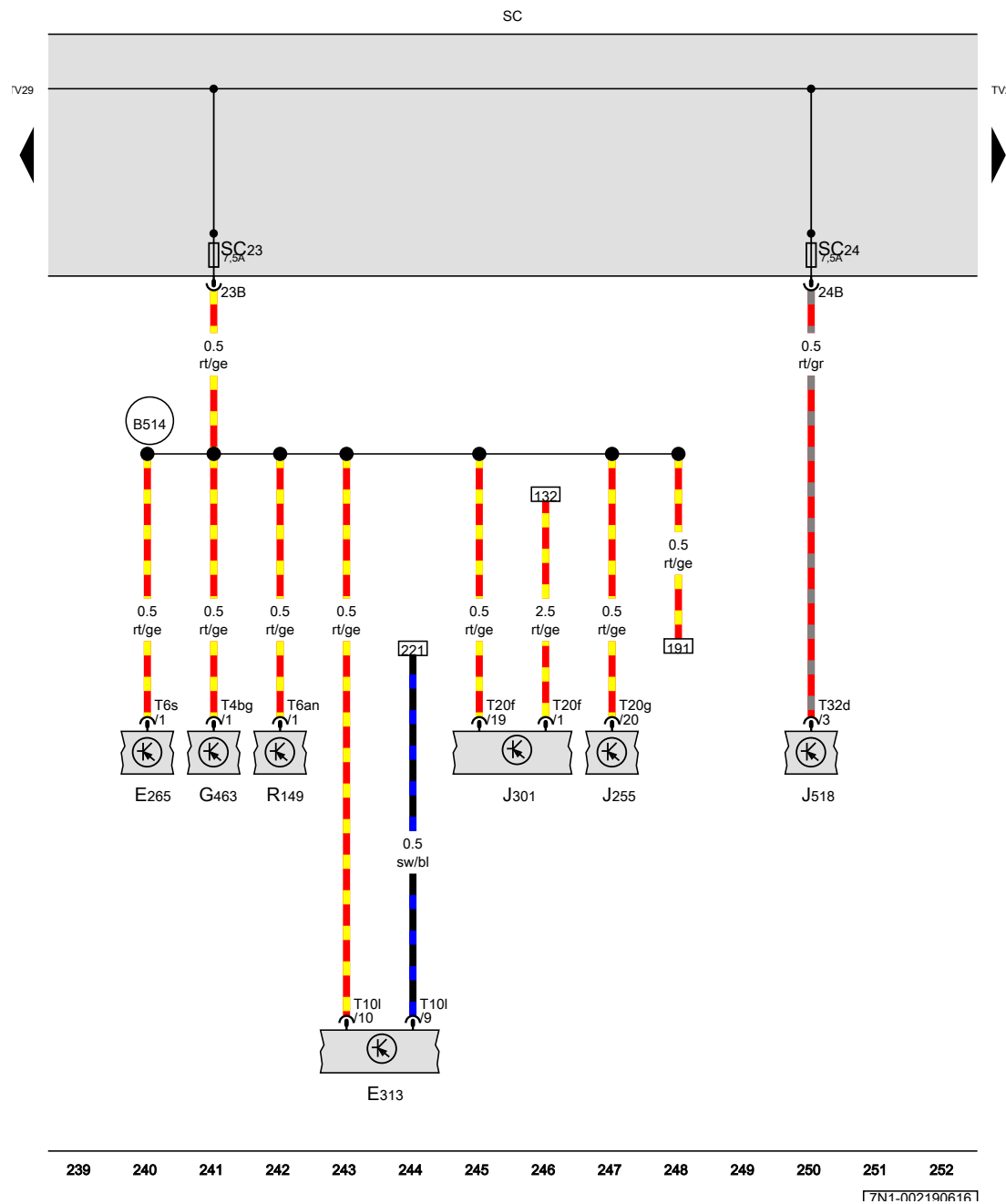
- G397 Rain and light sensor
- J772 Reversing camera system control unit
- N317 2nd heat exchanger switch-off valve
- SC Fuse holder C
- SC20 Fuse 20 on fuse holder C
- SC21 Fuse 21 on fuse holder C
- SC22 Fuse 22 on fuse holder C
- T3h 3-pin connector
- T3r 3-pin connector
- T16 16-pin connector
- T54b 54-pin connector
- U31 Diagnostic connection

A168 Positive connection 4 (30a) in dash panel wiring harness

TV29 Terminal 30 wiring junction 4



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



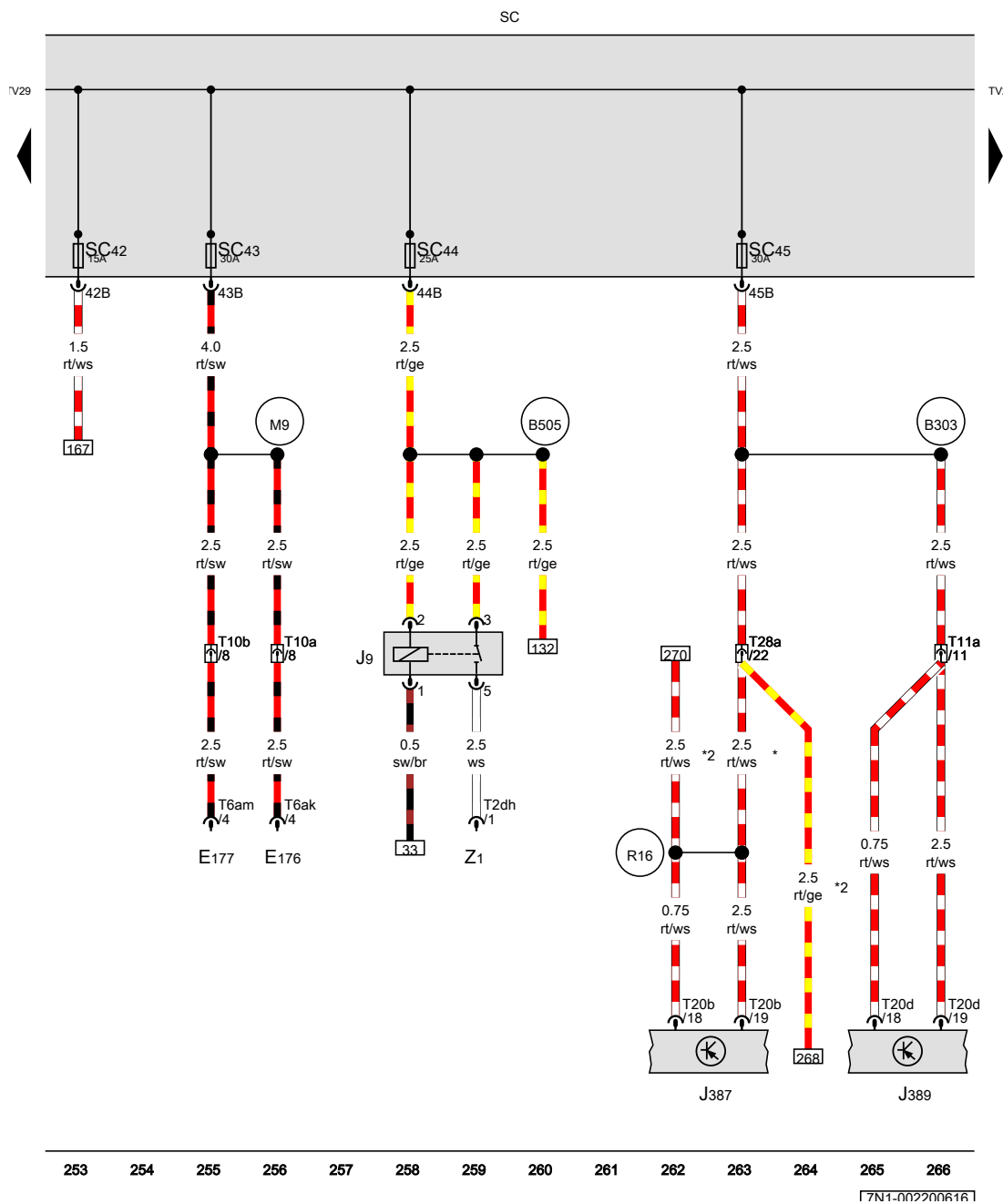
Fuse holder C

- | | |
|------|---|
| E265 | Operating and display unit for rear air conditioning system |
| E313 | Selector lever |
| G463 | Rear blower regulation sender |
| J255 | Climatronic control unit |
| J301 | Air conditioning system control unit |
| J518 | Entry and start authorisation control unit |
| R149 | Remote control receiver for auxiliary coolant heater |
| SC | Fuse holder C |
| SC23 | Fuse 23 on fuse holder C |
| SC24 | Fuse 24 on fuse holder C |
| T4bg | 4-pin connector |
| T6an | 6-pin connector |
| T6s | 6-pin connector |
| T10l | 10-pin connector |
| T20f | 20-pin connector |
| T20g | 20-pin connector |
| T32d | 32-pin connector |

(B514) Positive connection 10 (30a), in interior wiring harness

(TV29) Terminal 30 wiring junction 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

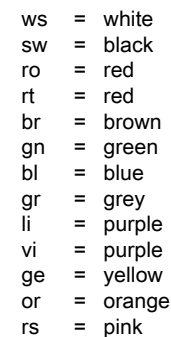


Fuse holder C

- E176 Driver seat lumbar support adjustment switch
- E177 Front passenger seat lumbar support adjustment switch
- J9 Heated rear window relay
- J387 Front passenger door control unit
- J389 Rear right door control unit
- SC Fuse holder C
- SC42 Fuse 42 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
- T2dh 2-pin connector
- T6ak 6-pin connector
- T6am 6-pin connector
- T10a 10-pin connector
- T10b 10-pin connector
- T11a 11-pin connector
- T20b 20-pin connector
- T20d 20-pin connector
- T28a 28-pin connector
- Z1 Heated rear window

- B303 Positive connection 7 (30), in main wiring harness
- B505 Positive connection 9 (30a), in interior wiring harness
- M9 Connection, in seat adjustment wiring harness
- R16 Positive connection 1 (30), in front passenger door wiring harness
- TV29 Terminal 30 wiring junction 4
- * Only left-hand drive models
- *2 Only right-hand drive models

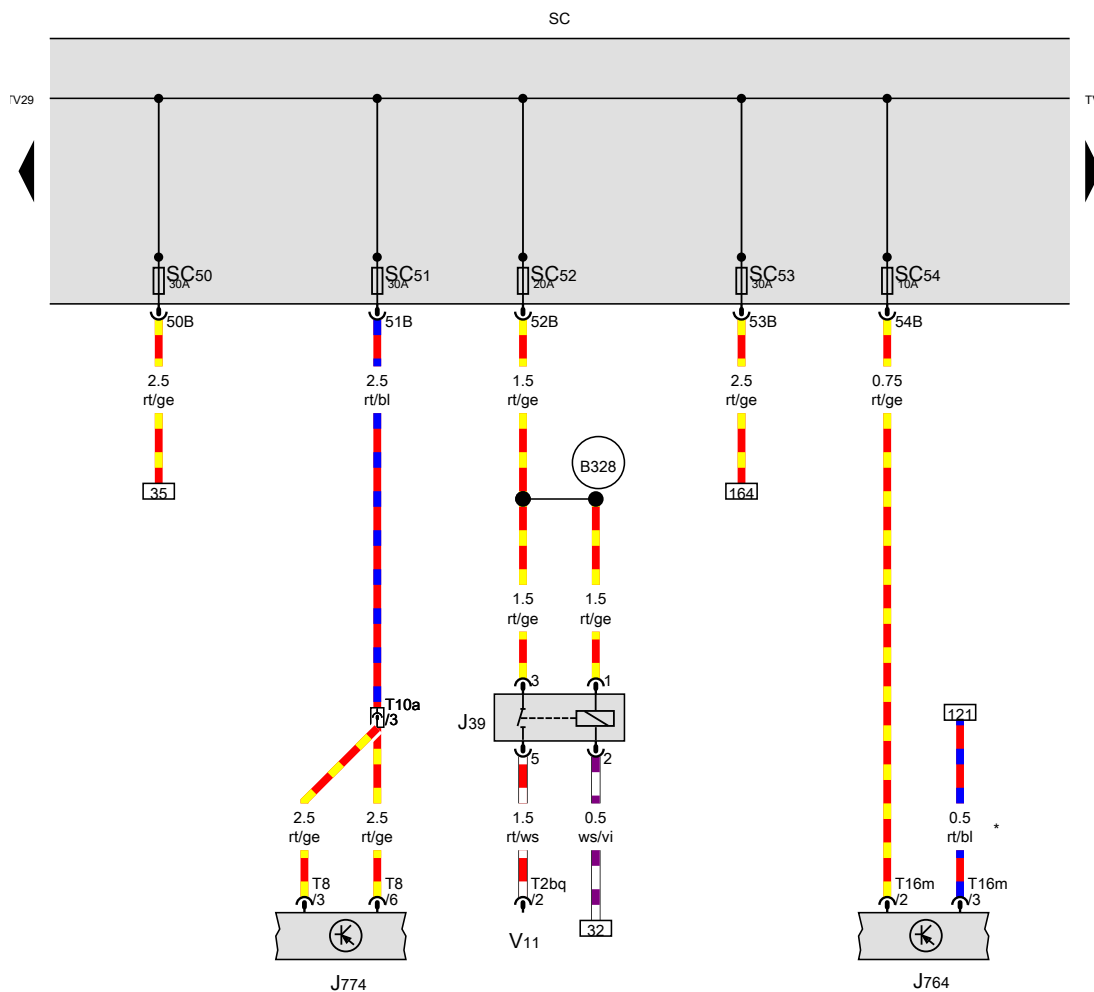
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G273	Interior monitoring sensor
G384	Vehicle inclination sender
G578	Anti-theft alarm sensor
H12	Alarm horn
J386	Driver door control unit
J388	Rear left door control unit
SC	Fuse holder C
SC46	Fuse 46 on fuse holder C
SC47	Fuse 47 on fuse holder C
SC48	Fuse 48 on fuse holder C
SC49	Fuse 49 on fuse holder C
T3o	3-pin connector
T4m	4-pin connector
T11	11-pin connector
T20a	20-pin connector
T20c	20-pin connector
T28	28-pin connector

(TV29) Terminal 30 wiring junction 4

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



Fuse holder C

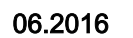
- J39 Headlight washer system relay
- J764 Control unit for electronic steering column lock
- J774 Heated front seats control unit
- SC Fuse holder C
- SC50 Fuse 50 on fuse holder C
- SC51 Fuse 51 on fuse holder C
- SC52 Fuse 52 on fuse holder C
- SC53 Fuse 53 on fuse holder C
- SC54 Fuse 54 on fuse holder C
- T2bq 2-pin connector
- T8 8-pin connector
- T10a 10-pin connector
- T16m 16-pin connector
- V11 Headlight washer system pump

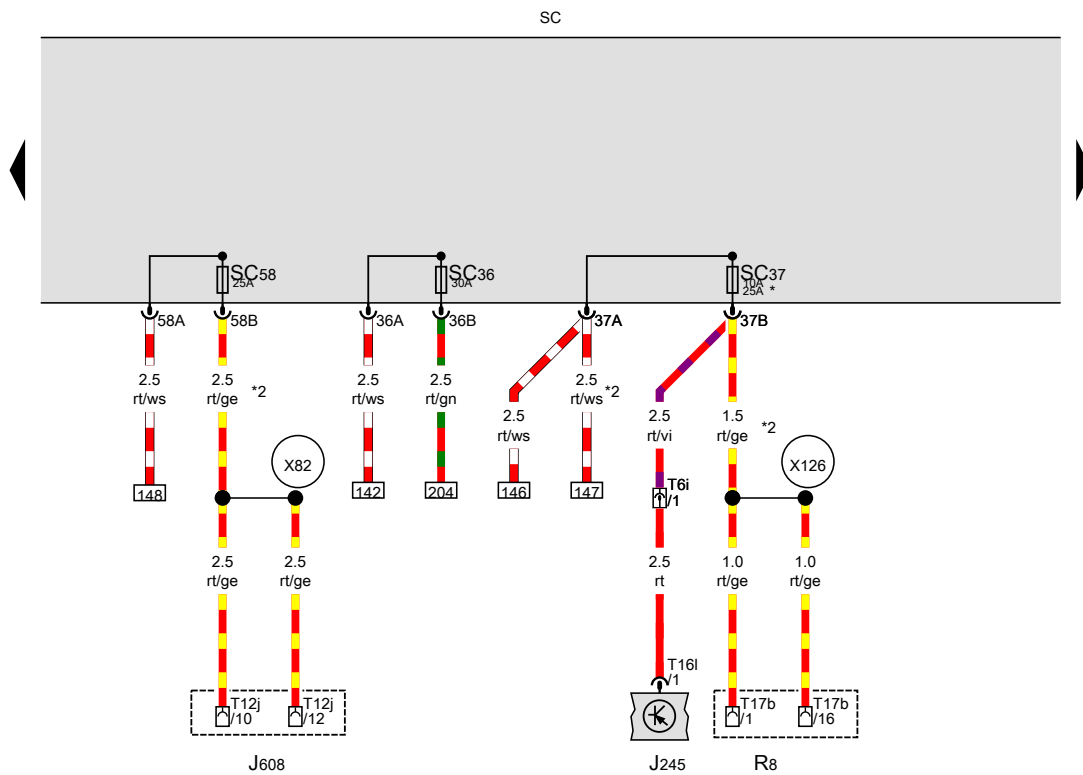
B328 Positive connection 14 (30a) in main wiring harness

TV29 Terminal 30 wiring junction 4

* Only models with entry and start authorisation

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 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 |
| J608 | Special vehicle control unit |
| R8 | Two-way radio |
| SC | Fuse holder C |
| SC36 | Fuse 36 on fuse holder C |
| SC37 | Fuse 37 on fuse holder C |
| SC58 | Fuse 58 on fuse holder C |
| T6i | 6-pin connector |
| T12j | 12-pin connector |
| T16l | 16-pin connector |
| T17b | 17-pin connector |

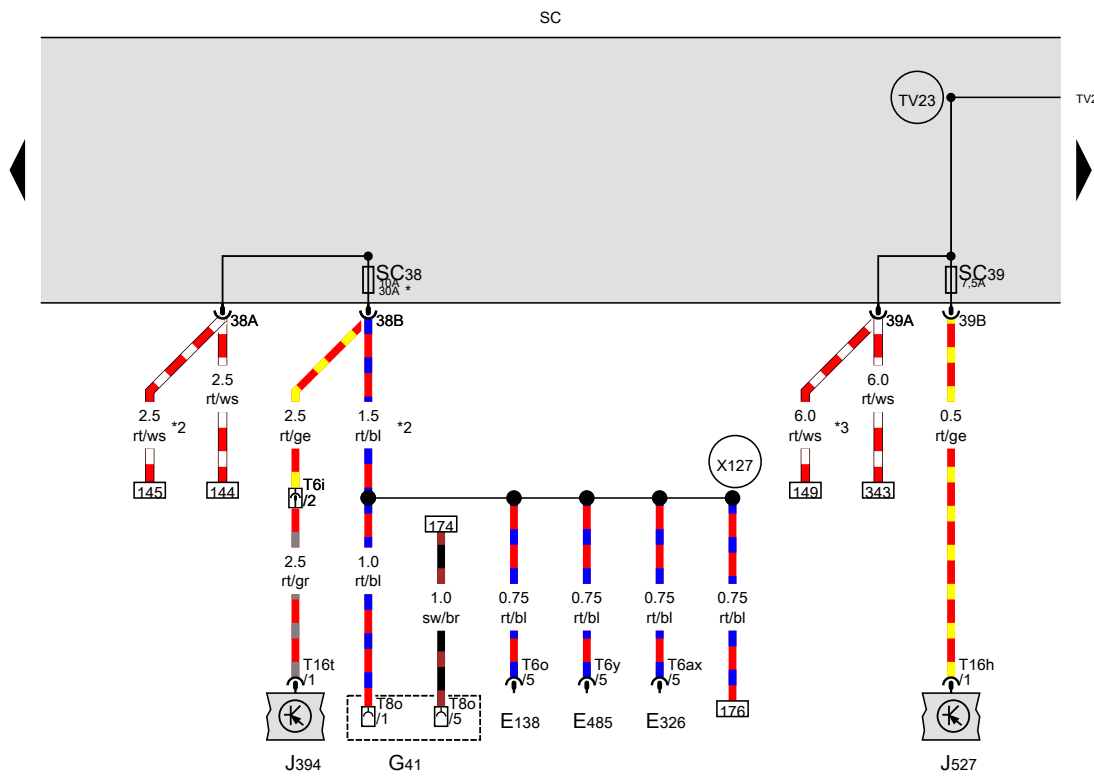
(X82) Positive connection 1 (30a), in taxi wiring harness

(X126) Positive connection 2 (30a), in taxi wiring harness

* According to equipment
*2 Only models with taxi equipment

*2 Only models with taxi equipment

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vi = purple
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or = orange
rs = pink



Fuse holder C

- | | |
|------|--|
| E138 | Taxi sign switch |
| E326 | Front interior light button |
| E485 | Taxi alarm active button |
| G41 | Taximeter |
| J394 | Sunroof roller blind control unit |
| J527 | Steering column electronics control unit |
| SC | Fuse holder C |
| SC38 | Fuse 38 on fuse holder C |
| SC39 | Fuse 39 on fuse holder C |
| T6ax | 6-pin connector |
| T6i | 6-pin connector |
| T6o | 6-pin connector |
| T6y | 6-pin connector |
| T8o | 8-pin connector |
| T16h | 16-pin connector |
| T16t | 16-pin connector |

(TV23) Push-in bridge

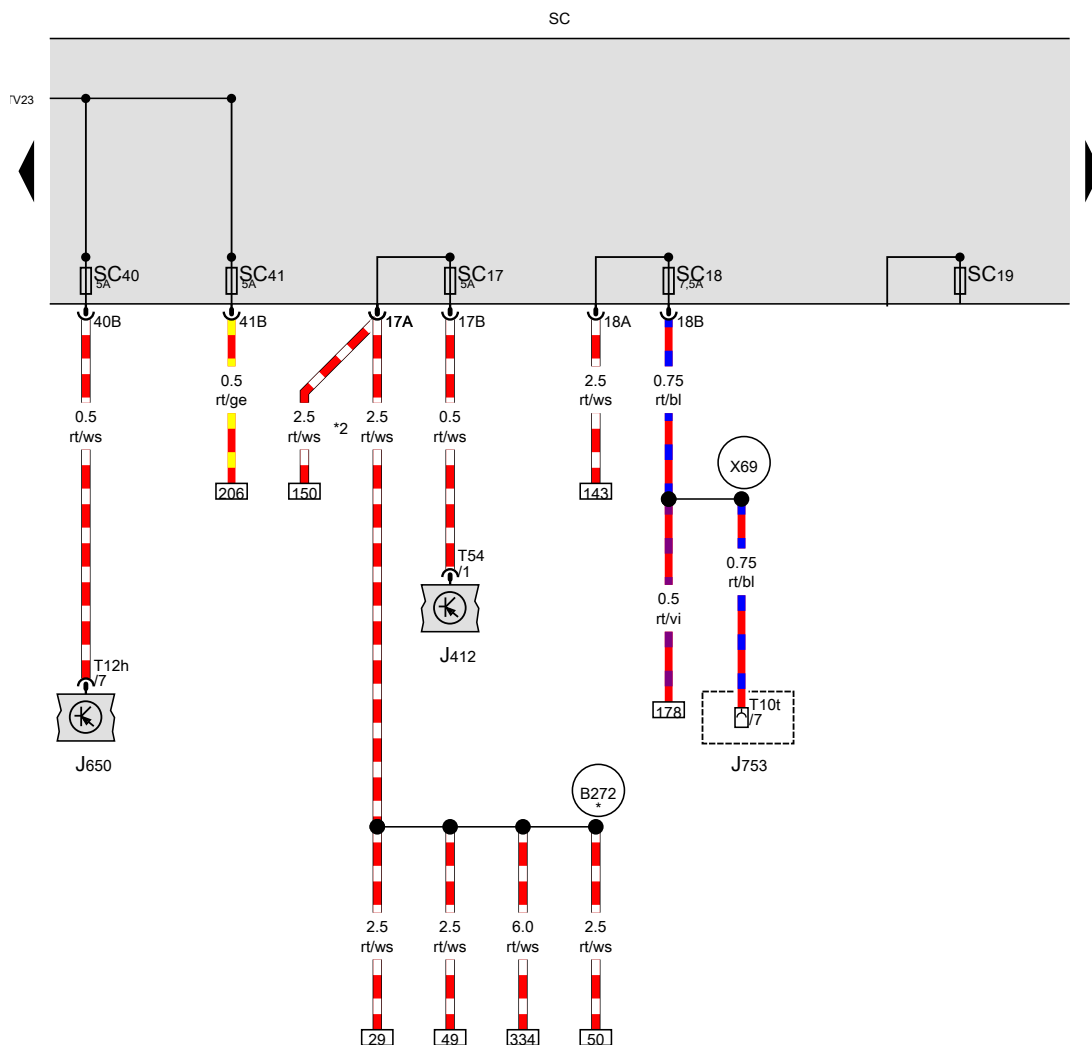
(X127) Positive connection 3 (30a), in taxi wiring harness

* According to equipment

*2 Only models with taxi equipment

*3 Only 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



Fuse holder C

- J412 Mobile telephone operating electronics control unit
- J650 Multimedia system control unit
- J753 Data transmission control unit
- 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
- SC40 Fuse 40 on fuse holder C
- SC41 Fuse 41 on fuse holder C
- T10t 10-pin connector
- T12h 12-pin connector
- T54 54-pin connector

B272 Positive connection (30), in main wiring harness

TV23 Push-in bridge

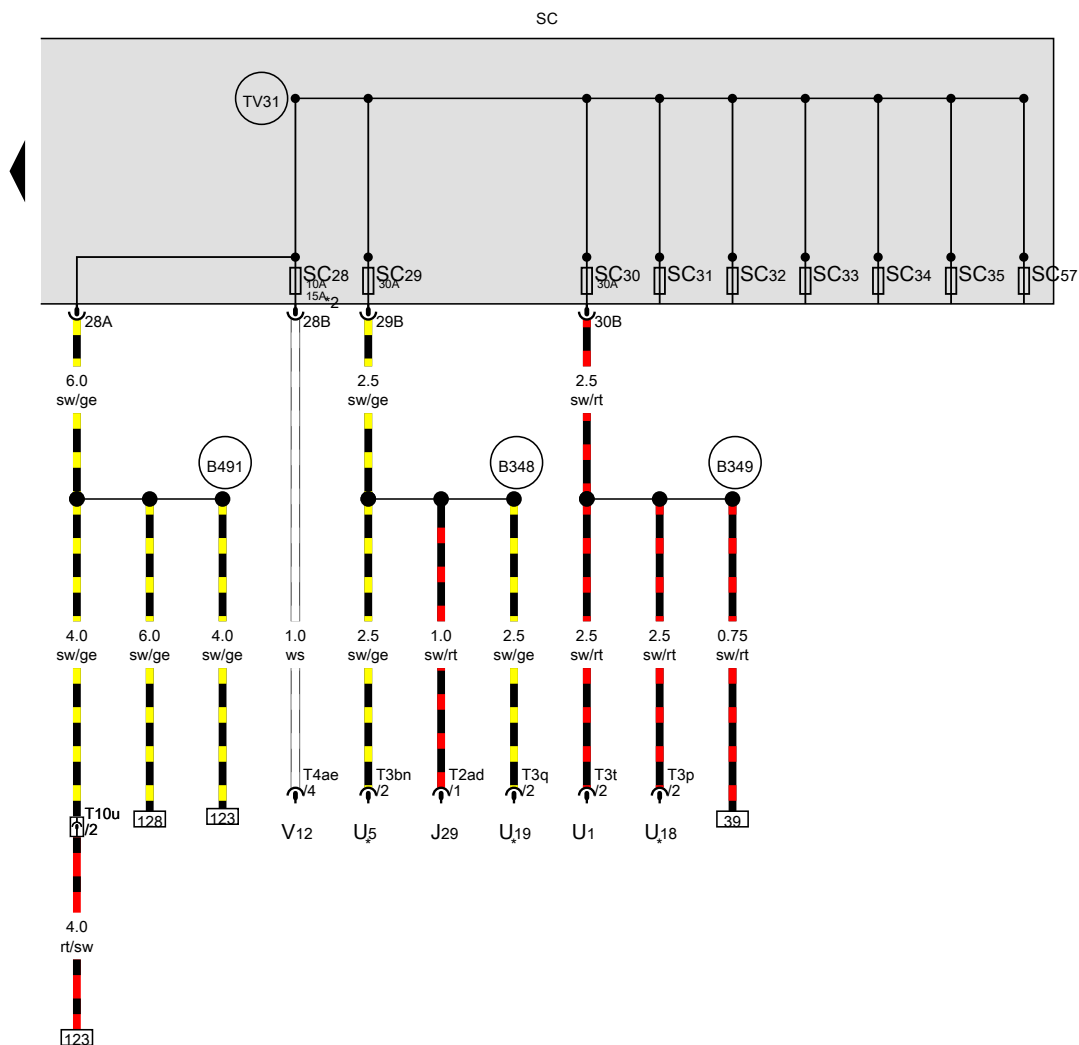
X69 Connection 1, in taxi wiring harness

* Only models with start/stop system

*2 Only 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

17N1-002260R16



Fuse holder C

- J29 Blocking diode
- SC Fuse holder C
- SC28 Fuse 28 on fuse holder C
- SC29 Fuse 29 on fuse holder C
- SC30 Fuse 30 on fuse holder C
- SC31 Fuse 31 on fuse holder C
- SC32 Fuse 32 on fuse holder C
- SC33 Fuse 33 on fuse holder C
- SC34 Fuse 34 on fuse holder C
- SC35 Fuse 35 on fuse holder C
- SC57 Fuse 57 on fuse holder C
- T2ad 2-pin connector
- T3bn 3-pin connector
- T3p 3-pin connector
- T3q 3-pin connector
- T3t 3-pin connector
- T4ae 4-pin connector
- T10u 10-pin connector
- U1 Cigarette lighter
- U5 12 V socket
- U18 12 V socket 2
- U19 12 V socket 3
- V12 Rear window wiper motor

B348 Connection 1 (75a), in main wiring harness

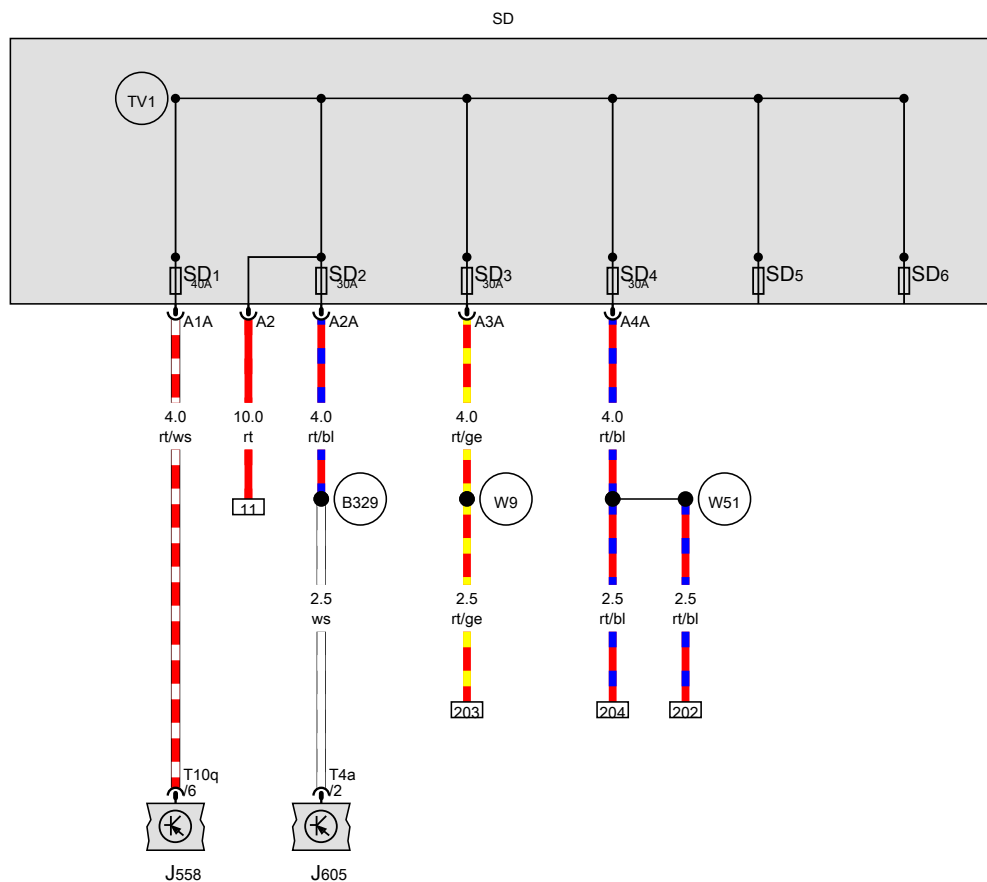
B349 Connection 2 (75a), in main wiring harness

B491 Positive connection (75), in interior wiring harness

TV31 Terminal 75 wiring junction

* According to equipment

*2 From May 2011



Fuse holder D

- J558 Left sliding door control unit
- J605 Rear lid 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
- SD5 Fuse 5 on fuse holder D
- SD6 Fuse 6 on fuse holder D
- T4a 4-pin connector
- T10q 10-pin connector

B329 Positive connection 15 (30a) in main wiring harness

TV1 Wiring junction

W9 Positive connection 1 (30), in rear wiring harness

W51 Positive connection 2 (30), 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

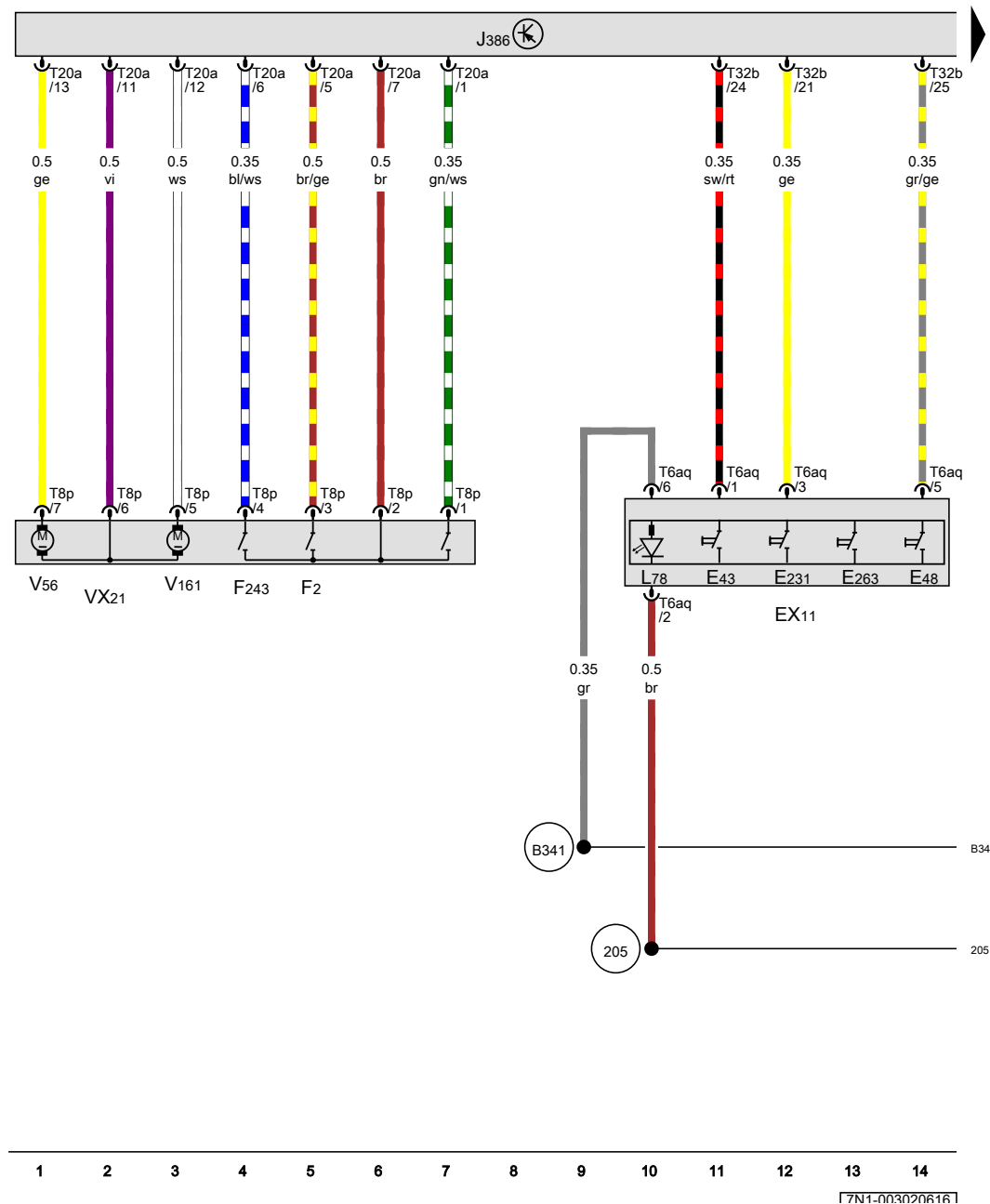
365 366 367 368 369 370 371 372 373 374 375 376 377 378

17N1-002280616

Convenience system

From May 2010

Exterior mirror adjuster, Driver door control unit, Driver door lock unit

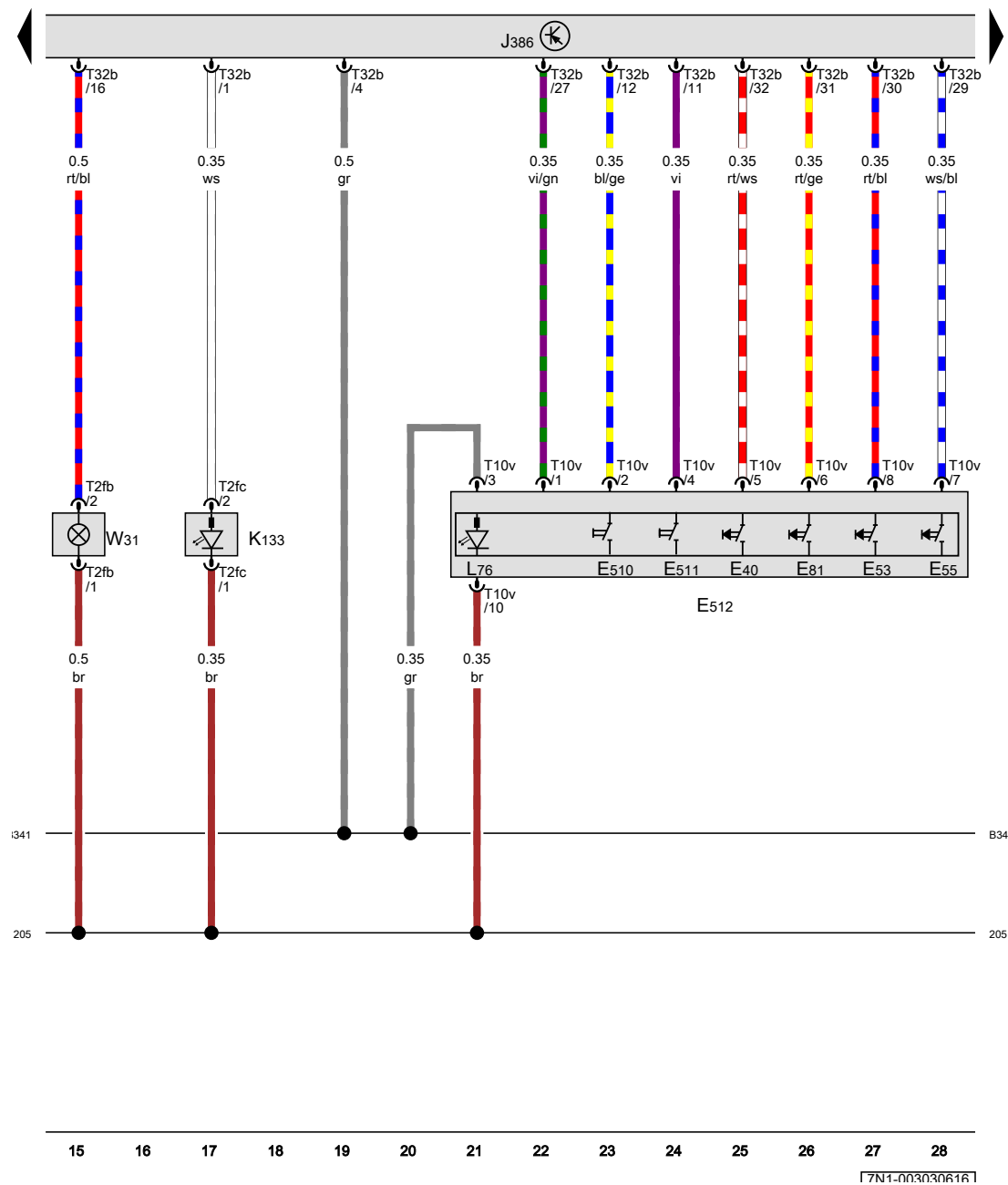


- EX11 Exterior mirror adjuster
- E43 Mirror adjustment switch
- E48 Mirror adjustment changeover switch
- E231 Exterior mirror heater button
- E263 Fold-in mirror switch
- F2 Driver door contact switch
- F243 Driver door central locking actuator for SAFELOCK function
- J386 Driver door control unit, in driver door
- L78 Mirror adjustment switch illumination bulb
- T6aq 6-pin connector
- T8p 8-pin connector
- T20a 20-pin connector
- T32b 32-pin connector
- VX21 Driver door lock unit
- V56 Driver door central locking motor
- V161 Driver door central locking SAFELOCK function motor

205 Earth connection, in driver door wiring harness

B341 Connection 2 (58d), 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



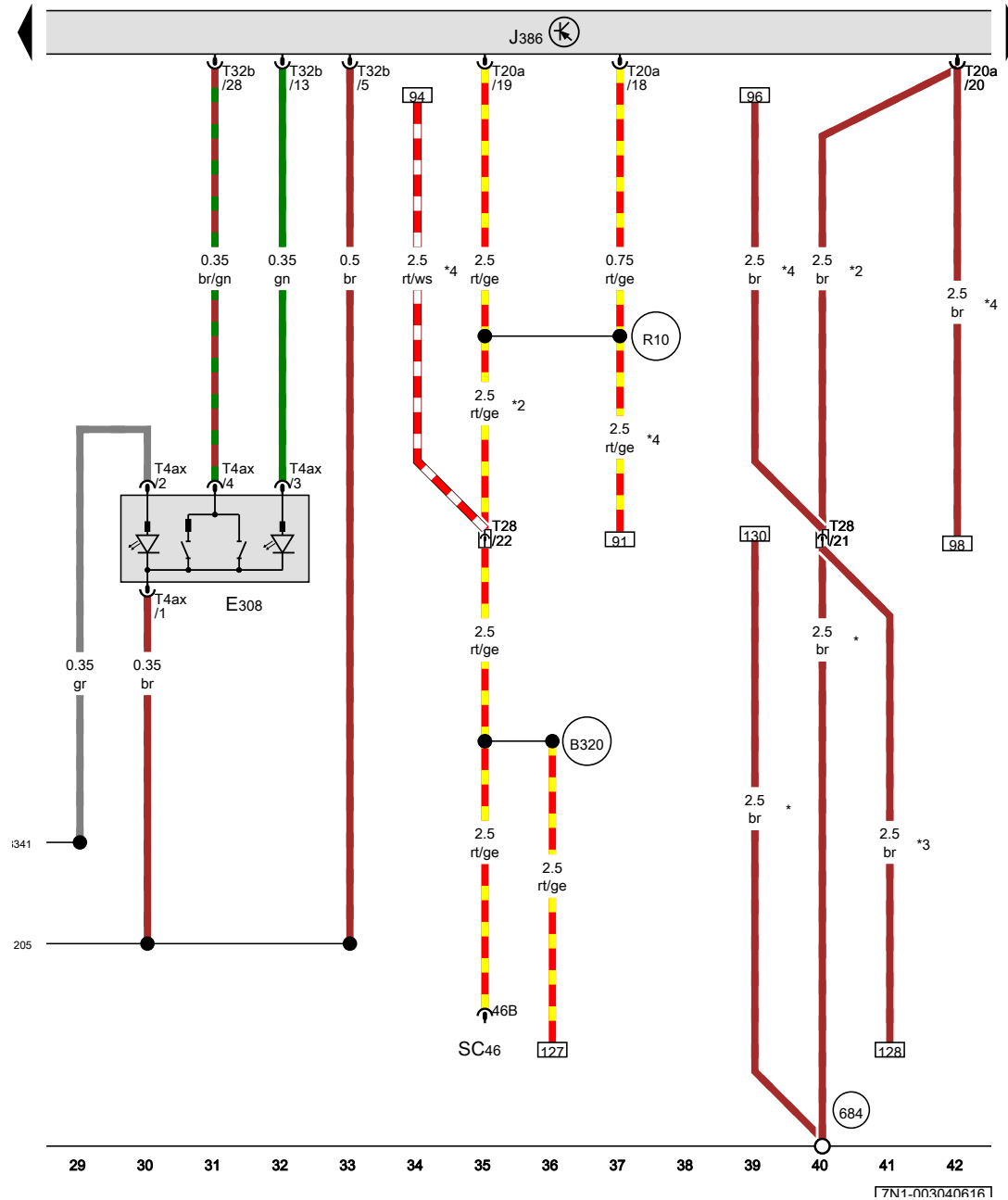
Operating unit for window regulator in driver door, Driver door control unit

- E40 Front left window regulator switch
- E53 Rear left window regulator switch, in driver door
- E55 Rear right window regulator switch, in driver door
- E81 Front right window regulator switch in driver door
- E510 Button for left childproof lock
- E511 Button for right childproof lock
- E512 Operating unit for window regulator in driver door
- J386 Driver door control unit, in driver door
- K133 Central locking SAFELOCK function warning lamp
- L76 Button illumination bulb
- T2fb 2-pin connector
- T2fc 2-pin connector
- T10v 10-pin connector
- T32b 32-pin connector
- W31 Front left entry light

- 205 Earth connection, in driver door wiring harness
- B341 Connection 2 (58d), 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

**Driver side interior locking button for central locking system,
Driver door control unit**



- | | |
|------|--|
| E308 | Driver side interior locking button for central locking system |
| J386 | Driver door control unit, in driver door |
| SC46 | Fuse 46 on fuse holder C |
| T4ax | 4-pin connector |
| T20a | 20-pin connector |
| T28 | 28-pin connector |
| T32b | 32-pin connector |

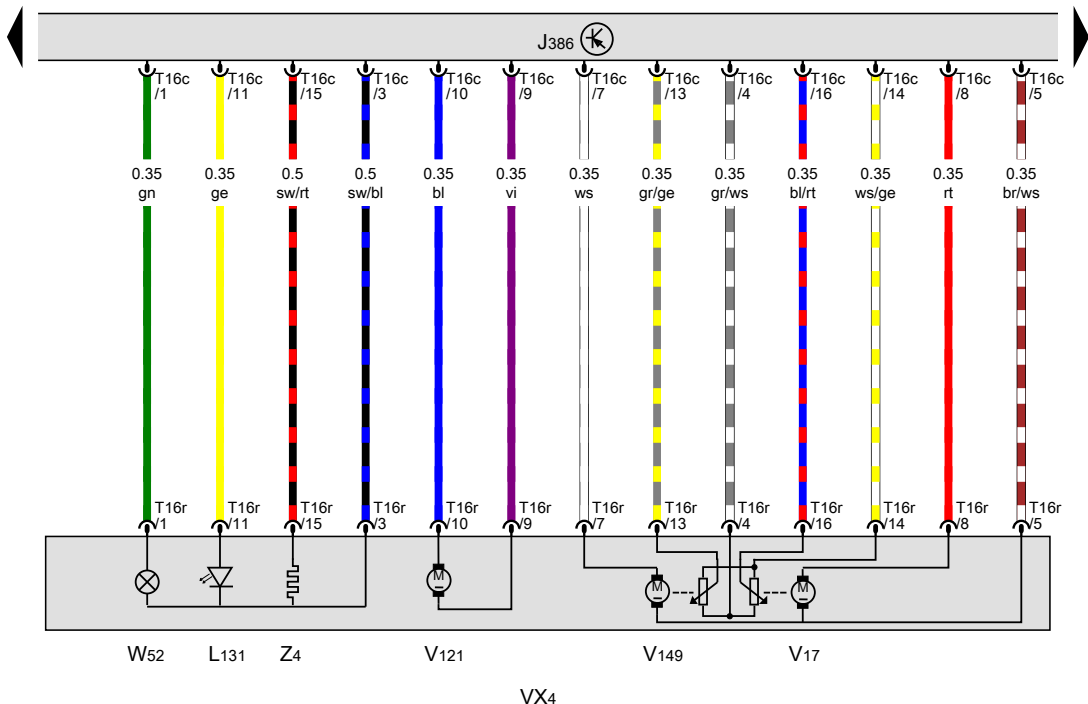
- 205 Earth connection, in driver door wiring harness
- 684 Earth point on front of left side member
- B320 Positive connection 6 (30a) in main wiring harness
- B341 Connection 2 (58d), in main wiring harness
- R10 Positive connection 1 (30), in driver door wiring harness

- * Up to October 2011
- *2 Only left-hand drive models
- *3 From November 2011
- *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

Driver door control unit, Driver side exterior mirror

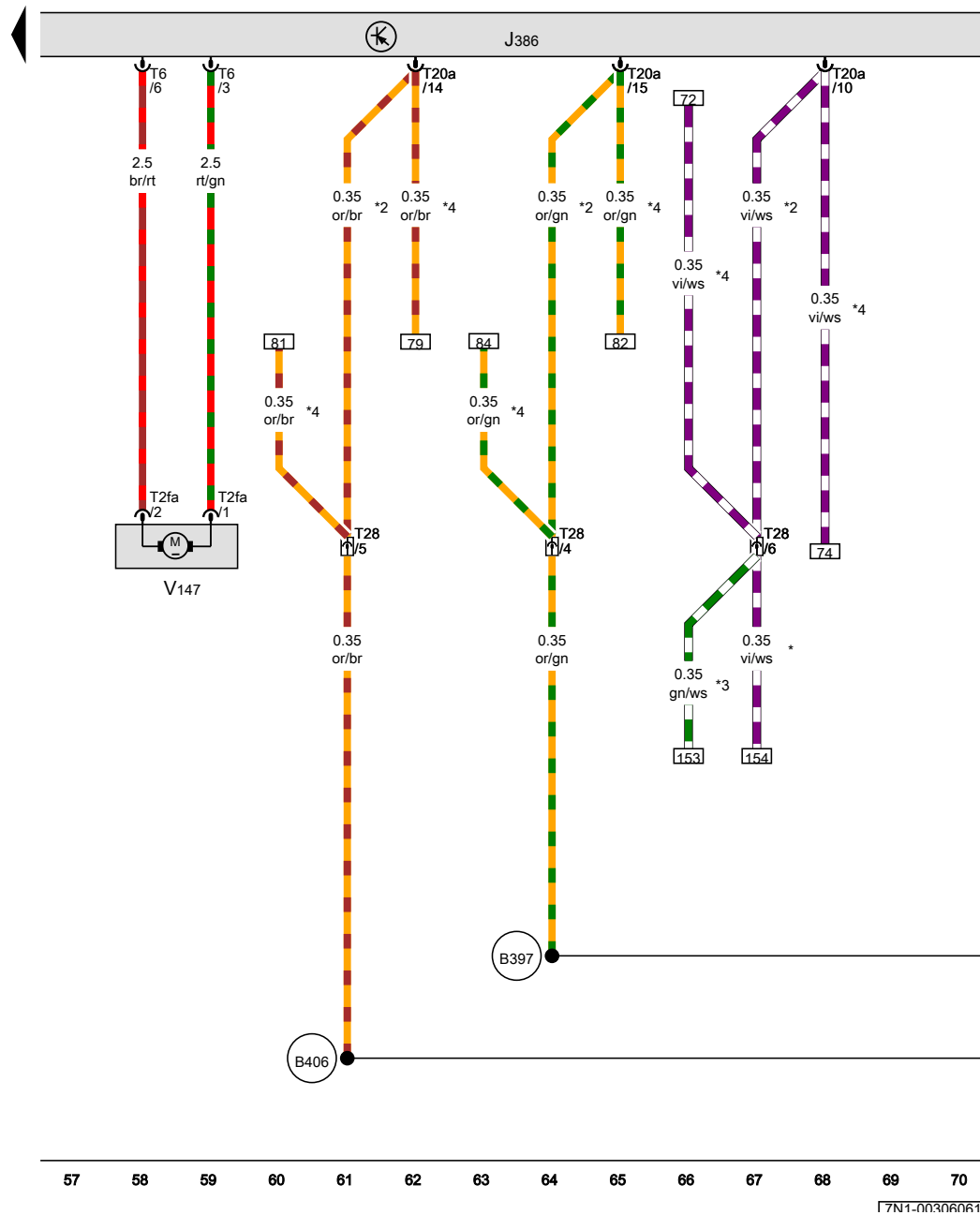
- J386 Driver door control unit, in driver door
- L131 Driver side turn signal repeater bulb
- T16c 16-pin connector
- T16r 16-pin connector
- VX4 Driver side exterior mirror
- V17 Driver side mirror adjustment motor 2
- V121 Driver side fold-in mirror motor
- V149 Driver side mirror adjustment motor
- W52 Driver side entry light in exterior mirror
- Z4 Heated exterior mirror on driver side



- 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

43 44 45 46 47 48 49 50 51 52 53 54 55 56

17N1-0030506161



Driver door control unit

J386 Driver door control unit, in driver door

T2fa 2-pin connector

T6 6-pin connector

T20a 20-pin connector

T28 28-pin connector, on lower section of left A-pillar

V147 Driver side window regulator motor

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

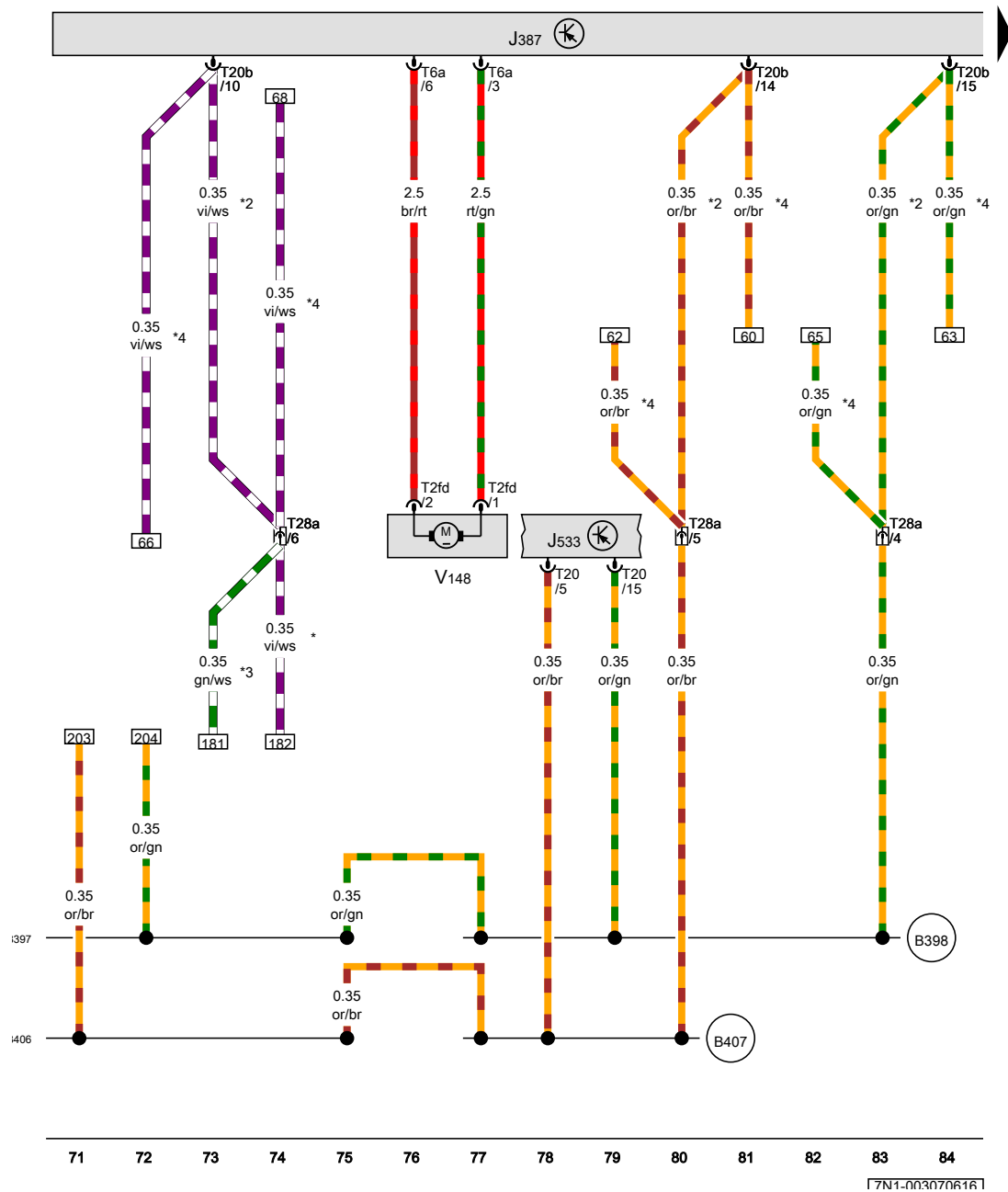
B406 Connection 1 (convenience CAN bus, low), in main wiring harness

* Up to October 2011

*2 Only left-hand drive models

*3 From November 2011

*4 Only right-hand drive models



Front passenger door control unit, Data bus diagnostic interface

- J387 Front passenger door control unit, in front passenger door
- J533 Data bus diagnostic interface
- T2fd 2-pin connector
- T6a 6-pin connector
- T20 20-pin connector
- T20b 20-pin connector
- T28a 28-pin connector, on lower section of right A-pillar
- V148 Front passenger side window regulator motor

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

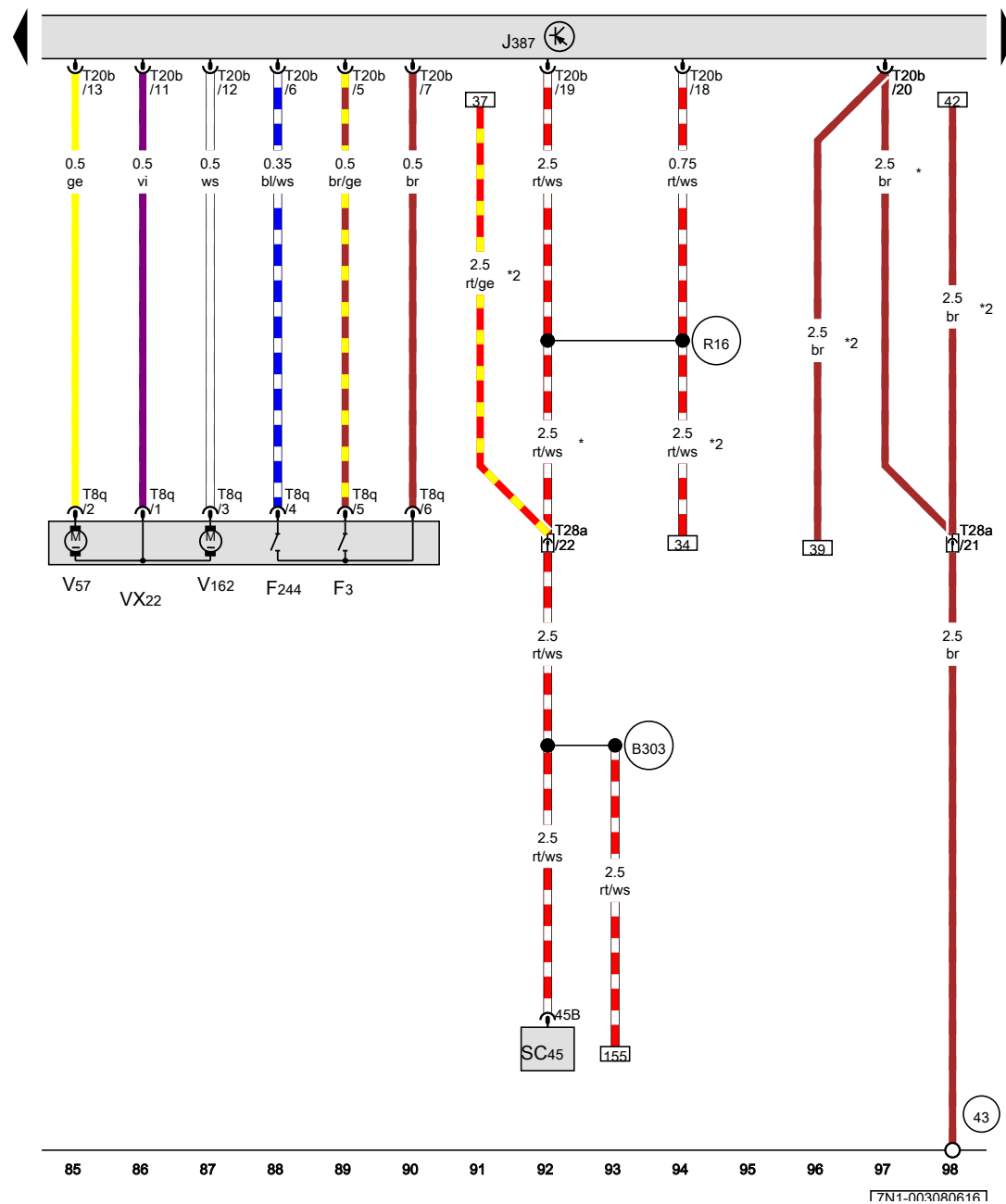
* Up to October 2011

*2 Only left-hand drive models

*3 From November 2011

*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

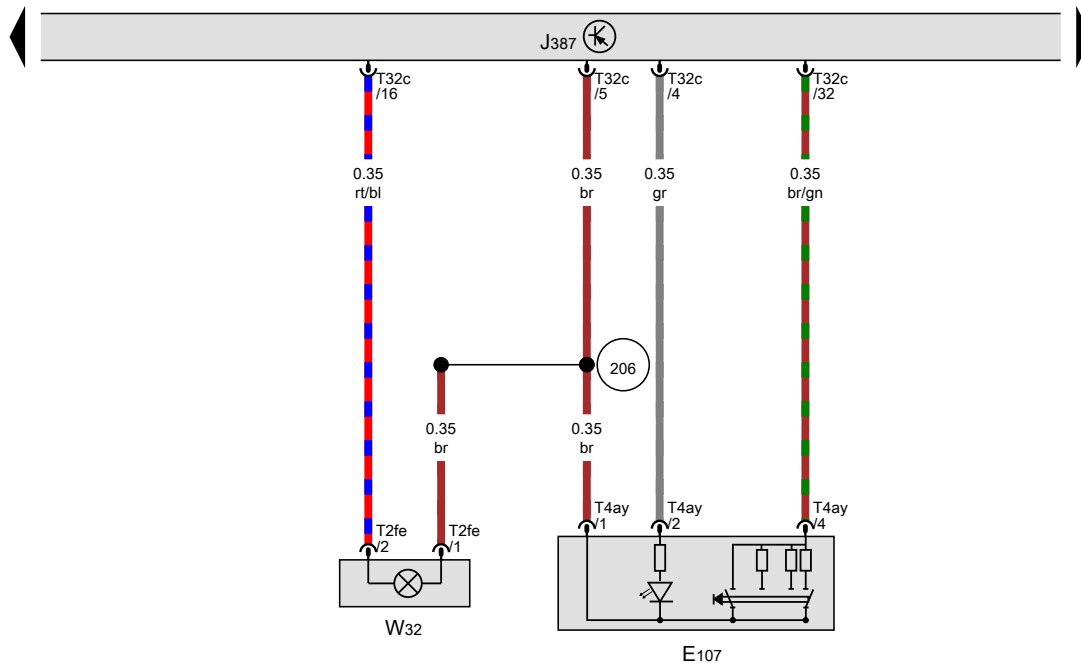


Front passenger door control unit, Front passenger door lock unit

- F3 Front passenger door contact switch
- F244 Front passenger door central locking actuator for SAFELOCK function
- J387 Front passenger door control unit, in front passenger door
- SC45 Fuse 45 on fuse holder C
- T8q 8-pin connector
- T20b 20-pin connector
- T28a 28-pin connector, on lower section of right A-pillar
- VX22 Front passenger door lock unit
- V57 Front passenger door central locking motor
- V162 Front passenger door central locking SAFELOCK function motor

- 43 Earth point, lower part of right A-pillar
- B303 Positive connection 7 (30), in main wiring harness
- R16 Positive connection 1 (30), in front passenger door wiring harness
- * Only left-hand drive models
- *2 Only right-hand drive models

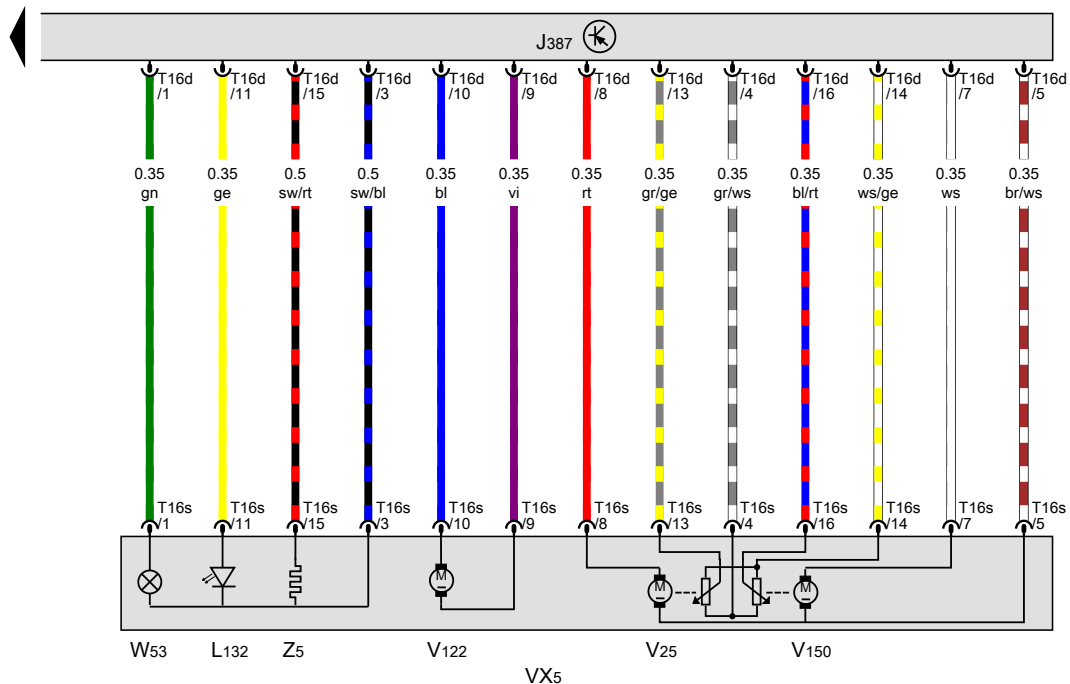
ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



Window regulator switch in front passenger door, Front passenger door control unit

- E107 Window regulator switch in front passenger door
- J387 Front passenger door control unit, in front passenger door
- T2fe 2-pin connector
- T4ay 4-pin connector
- T32c 32-pin connector
- W32 Front right entry light
- 206 Earth connection, in front passenger door 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

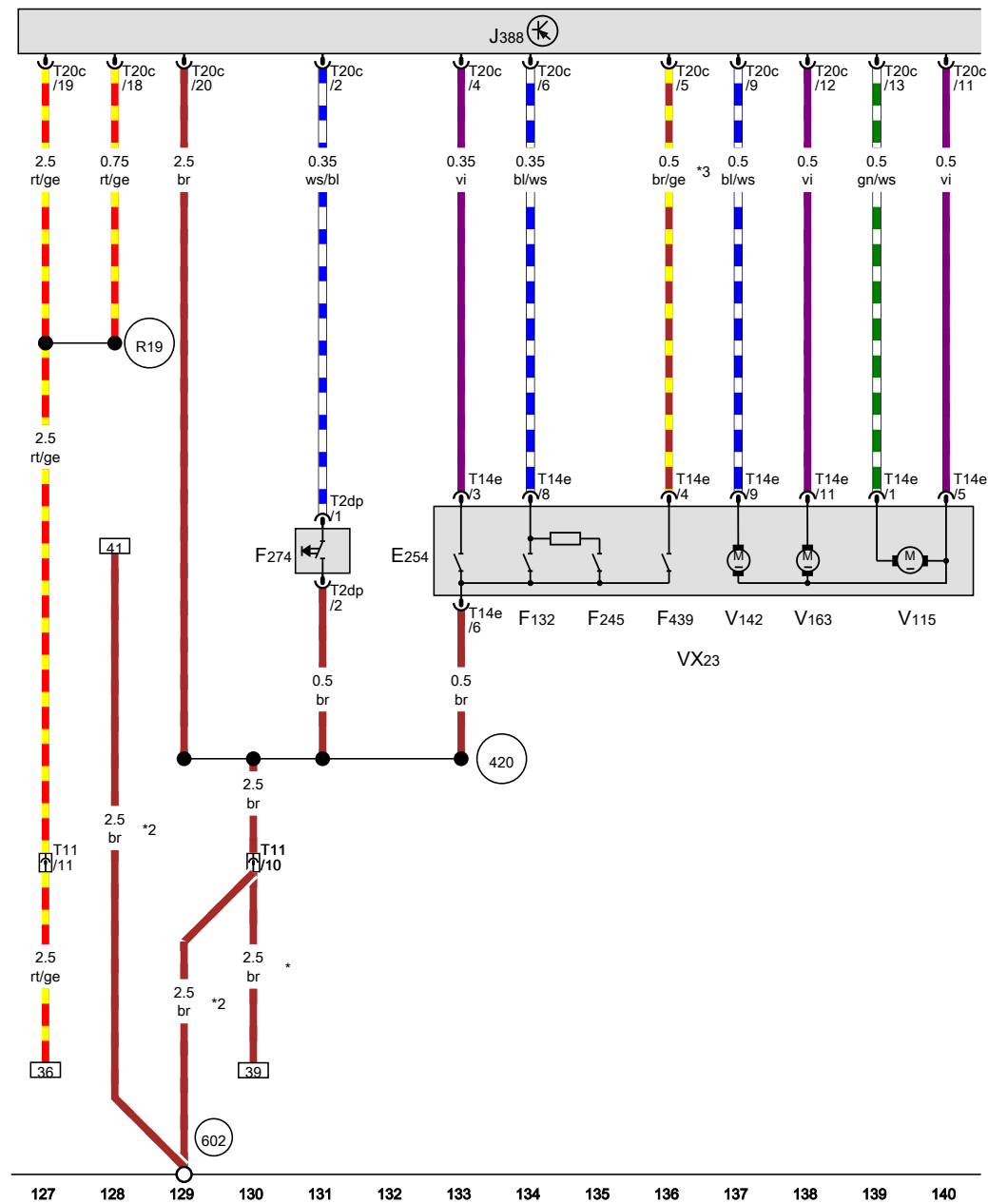


Front passenger door control unit, Front passenger side exterior mirror

- J387 Front passenger door control unit, in front passenger door
- L132 Front passenger side turn signal repeater bulb
- T16d 16-pin connector
- T16s 16-pin connector
- VX5 Front passenger side exterior mirror
- V25 Front passenger side mirror adjustment motor 2
- V122 Front passenger side fold-in mirror motor
- V150 Front passenger side mirror adjustment motor
- W53 Front passenger side entry light in exterior mirror
- Z5 Heated exterior mirror on front passenger side

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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Rear left door exterior handle switch, Rear left door control unit, Rear left door lock unit



- E254 Childproof lock switch
- F132 Rear left central locking actuator
- F245 Rear left door central locking actuator for SAFELOCK function
- F274 Rear left door exterior handle switch
- F439 Contact switch for rotary latch
- J388 Rear left door control unit, in left sliding door
- T2dp 2-pin connector
- T11 11-pin connector
- T14e 14-pin connector
- T20c 20-pin connector
- VX23 Rear left door lock unit
- V115 Rear left door central locking motor
- V142 Rear left childproof lock motor
- V163 Rear left door central locking SAFELOCK function motor

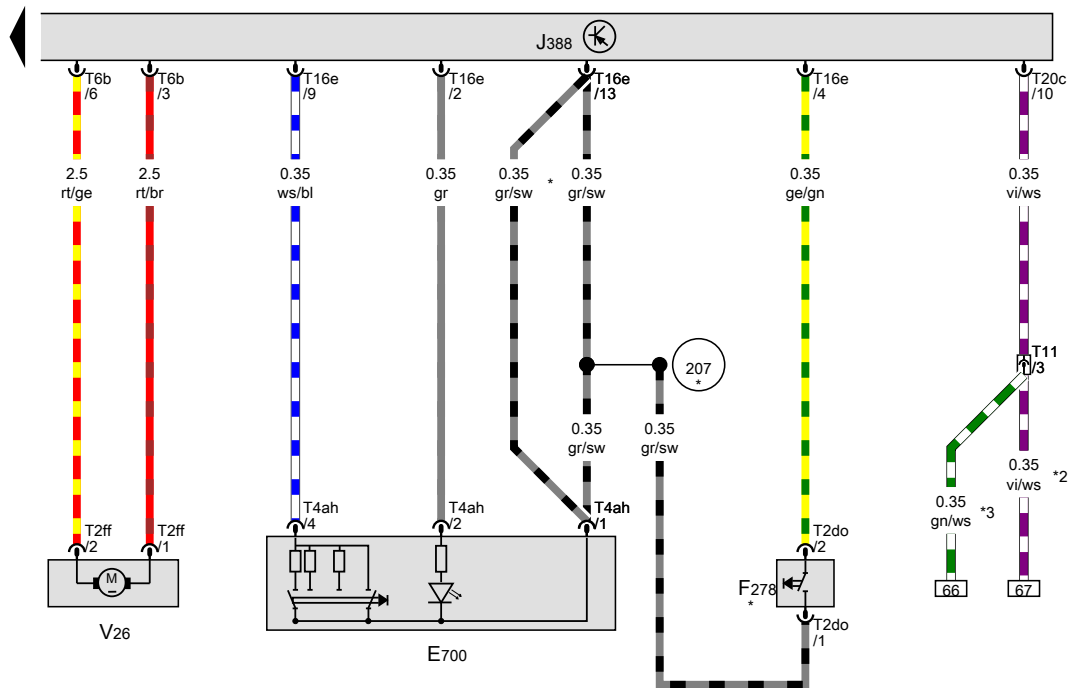
- 420 Earth connection 1, in left sliding door wiring harness
- 602 Earth point, in front left footwell
- R19 Positive connection 1 (30), in rear left door wiring harness

- * Up to October 2011
- *2 From November 2011
- *3 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

[7N1-003110616]

Rear left window regulator button in rear left door, Rear left door control unit

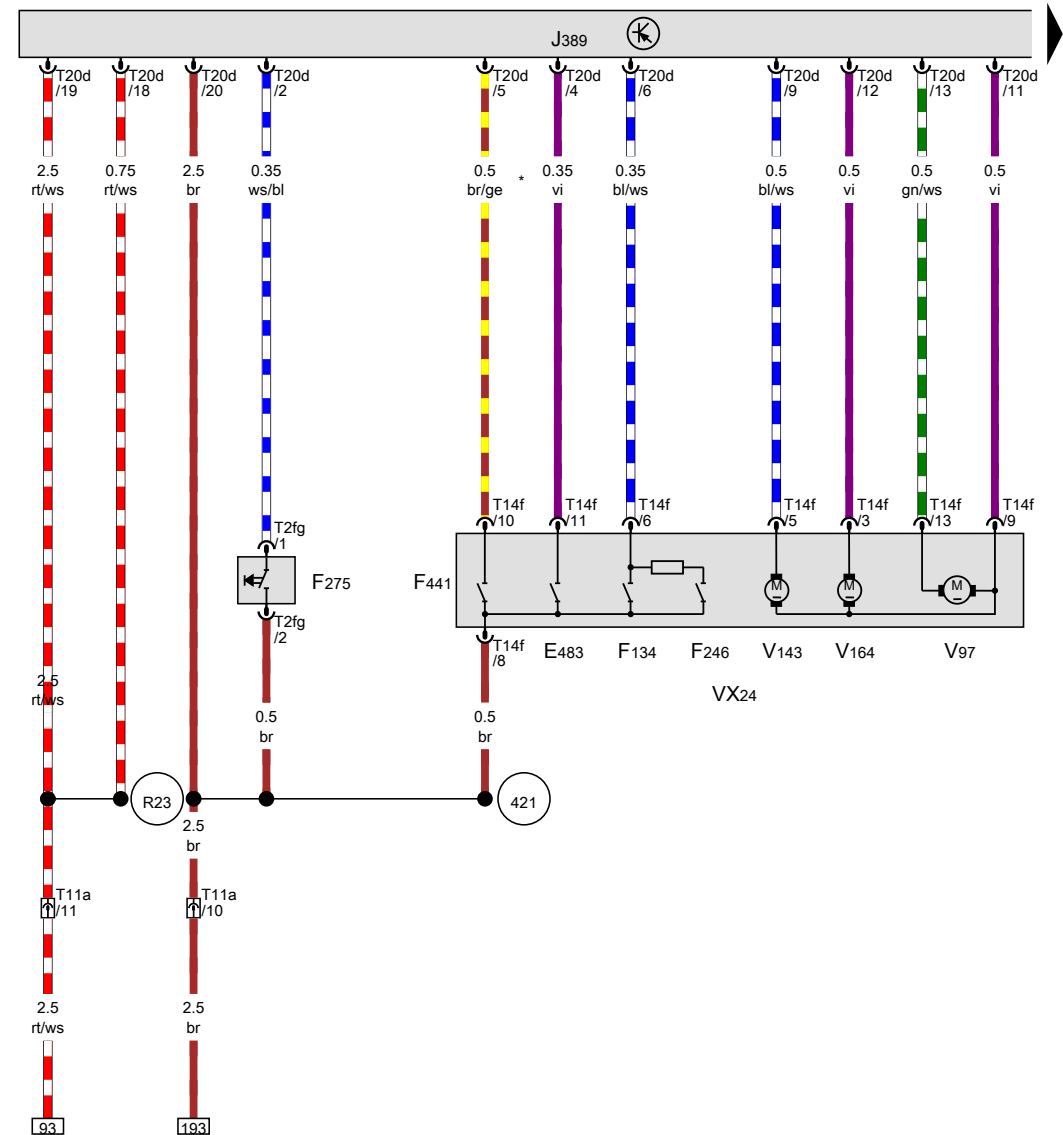


- E700 Rear left window regulator button in rear left door
- F278 Rear left door interior handle switch
- J388 Rear left door control unit, in left sliding door
- T2do 2-pin connector
- T2ff 2-pin connector
- T4ah 4-pin connector
- T6b 6-pin connector
- T11 11-pin connector
- T16e 16-pin connector
- T20c 20-pin connector
- V26 Rear left window regulator motor
- 207 Earth connection, in rear left door wiring harness

- * According to equipment
- *2 Up to October 2011
- *3 From November 2011

ws = white
 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 door exterior handle switch, Rear right door control unit, Rear right door lock unit



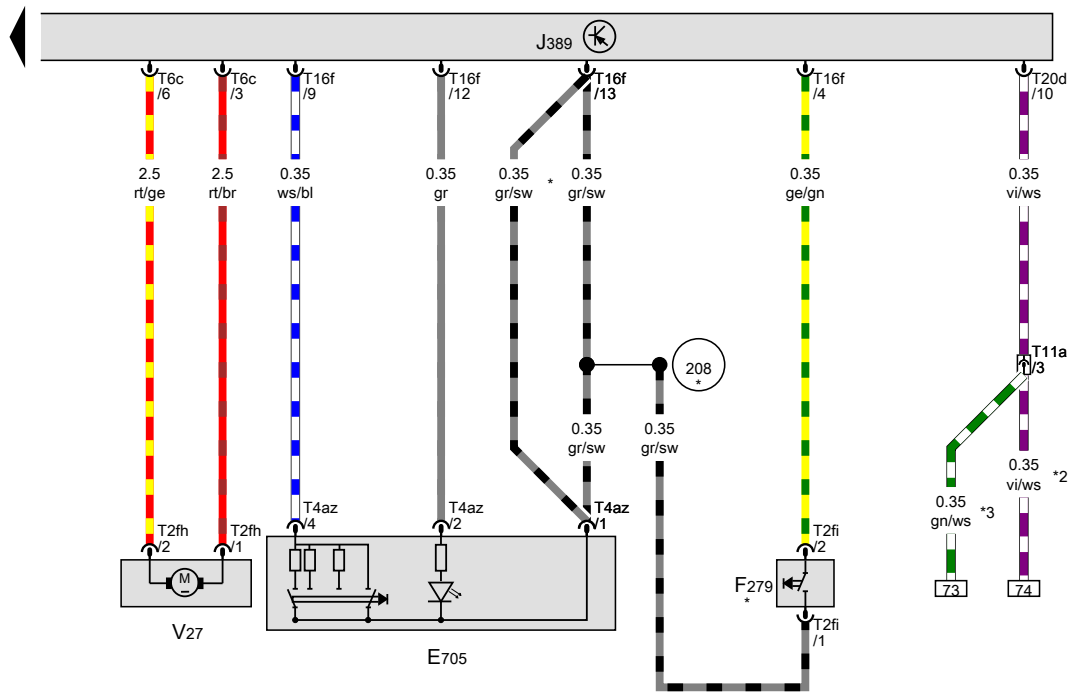
- E483 Right childproof lock switch
- F134 Rear right central locking actuator
- F246 Rear right door central locking actuator for SAFELOCK function
- F275 Rear right door exterior handle switch
- F441 Contact switch 3 for rotary latch
- J389 Rear right door control unit, in right sliding door
- T2fg 2-pin connector
- T11a 11-pin connector
- T14f 14-pin connector
- T20d 20-pin connector
- VX24 Rear right door lock unit
- V97 Rear right door central locking motor
- V143 Rear right childproof lock motor
- V164 Rear right door central SAFELOCK function locking motor

- (421) Earth connection 1, in right sliding door wiring harness
- (R23) Positive connection 1 (30), in rear right door 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

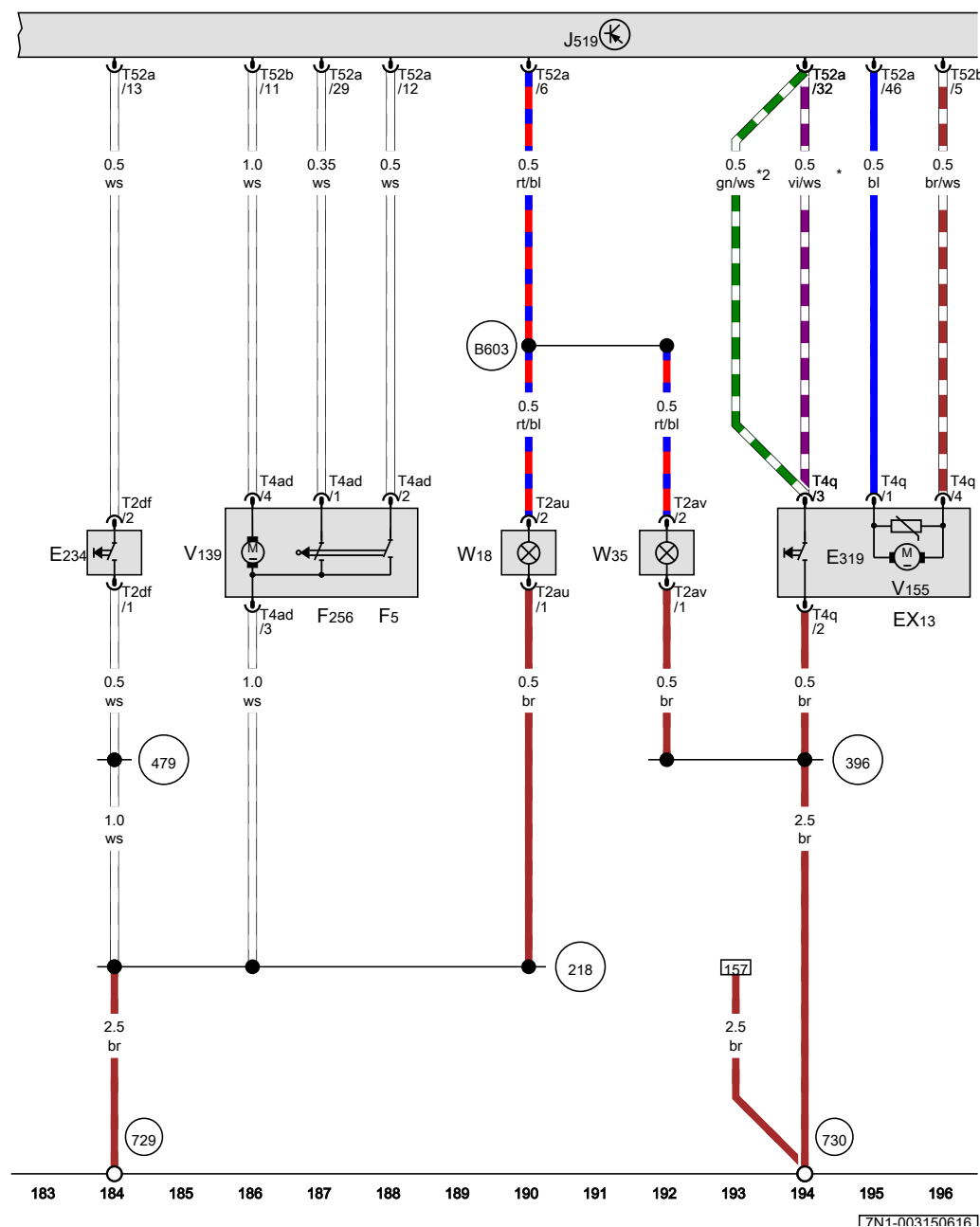
Rear right window regulator button in rear right door, Rear right door control unit



- E705 Rear right window regulator button in rear right door
- F279 Rear right door interior handle switch
- J389 Rear right door control unit, in right sliding door
- T2fh 2-pin connector
- T2fi 2-pin connector
- T4az 4-pin connector
- T6c 6-pin connector
- T11a 11-pin connector
- T16f 16-pin connector
- T20d 20-pin connector
- V27 Rear right window regulator motor
- 208 Earth connection, in rear right door wiring harness
- * According to equipment
- *2 Up to October 2011
- *3 From November 2011

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 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
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 rs = pink

Tank flap release, Rear lid handle release button, Rear lid lock unit, Onboard supply control unit, Luggage compartment light on left, Right luggage compartment light



- EX13 Tank flap release
- E234 Rear lid handle release button
- E319 Fuel tank flap release button
- F5 Luggage compartment light switch
- F256 Rear lid lock unit
- J519 Onboard supply control unit
- T2au 2-pin connector
- T2av 2-pin connector
- T2df 2-pin connector
- T4ad 4-pin connector
- T4q 4-pin connector
- T52a 52-pin connector
- T52b 52-pin connector
- V139 Rear lid release motor
- V155 Tank filler flap locking motor
- W18 Luggage compartment light on left
- W35 Right luggage compartment light

- (218) Earth connection 1, in rear lid wiring harness
- (396) Earth connection 31, in main wiring harness
- (479) Earth connection 4, in rear lid wiring harness
- (729) Earth point, on left rear wheel housing
- (730) Earth point 1, on right rear wheel housing
- (B603) Positive connection 2 (30g), in main wiring harness

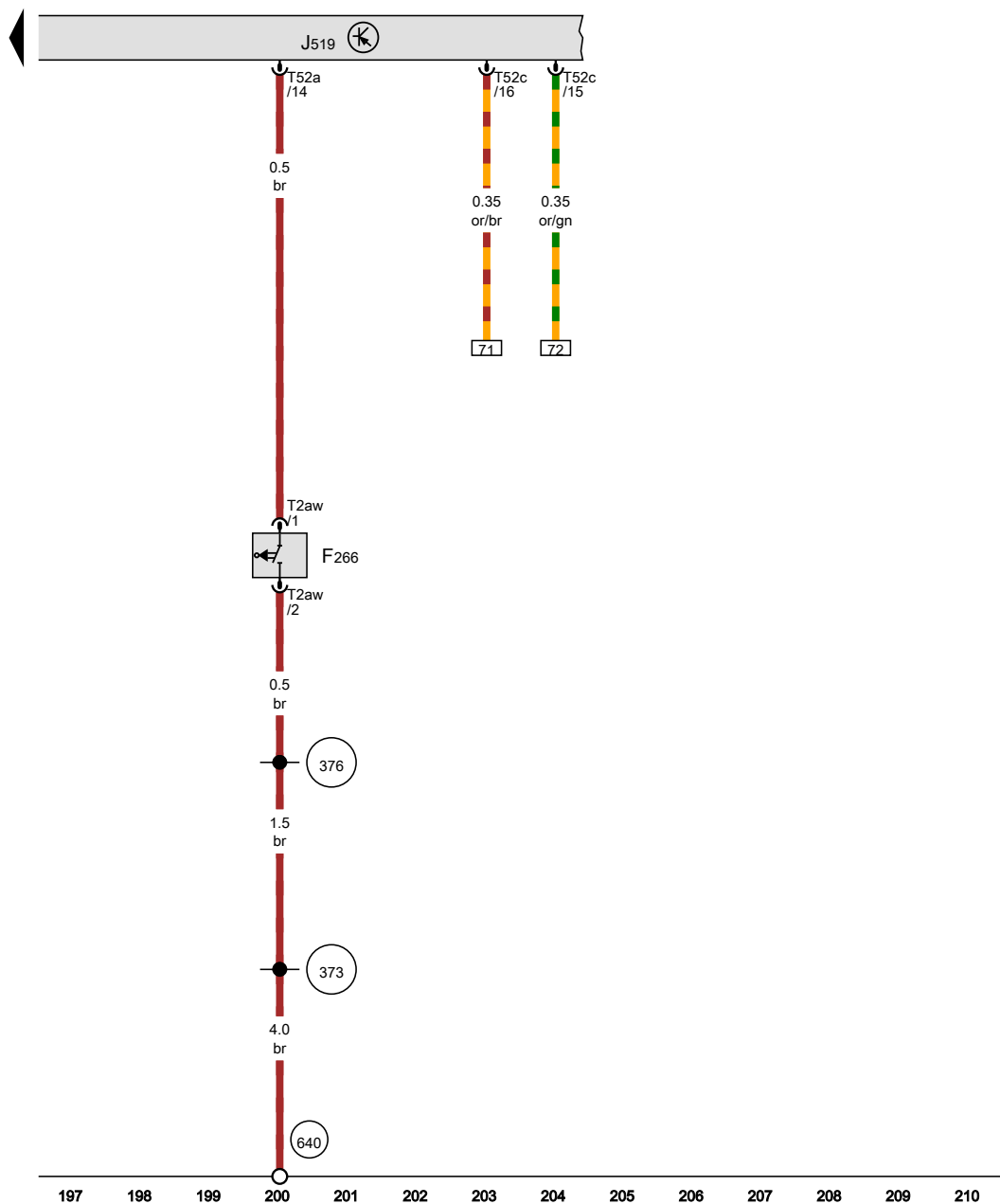
- * Up to October 2011
- *2 From November 2011

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

Bonnet contact switch, Onboard supply control unit

F266 Bonnet contact switch
J519 Onboard supply control unit
T2aw 2-pin connector
T52a 52-pin connector
T52c 52-pin connector

373 Earth connection 8, in main wiring harness
376 Earth connection 11, in main wiring harness
640 Earth point 2, left in engine compartment

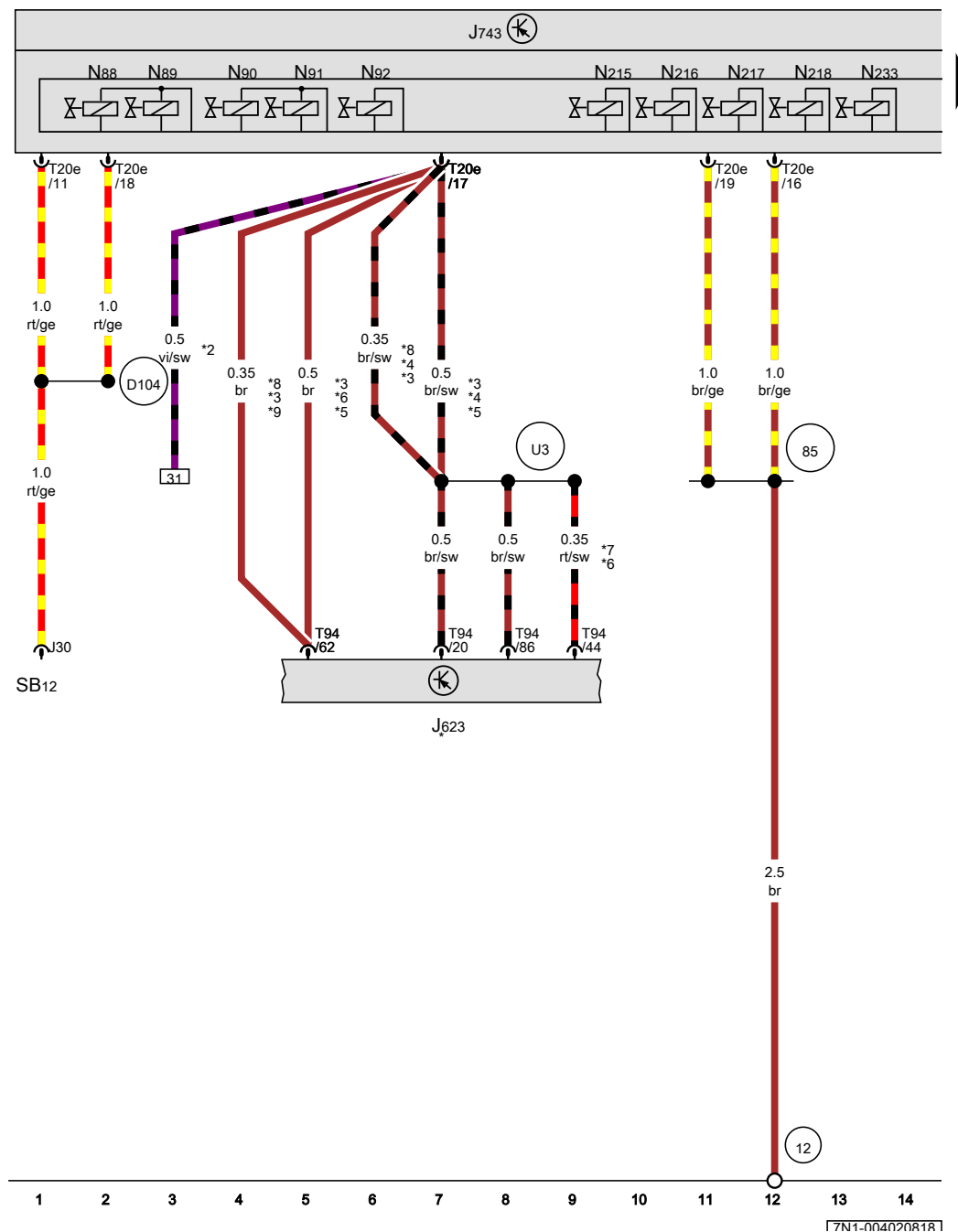


ws = white
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[7N1-003160616]

Dual clutch gearbox (DSG)

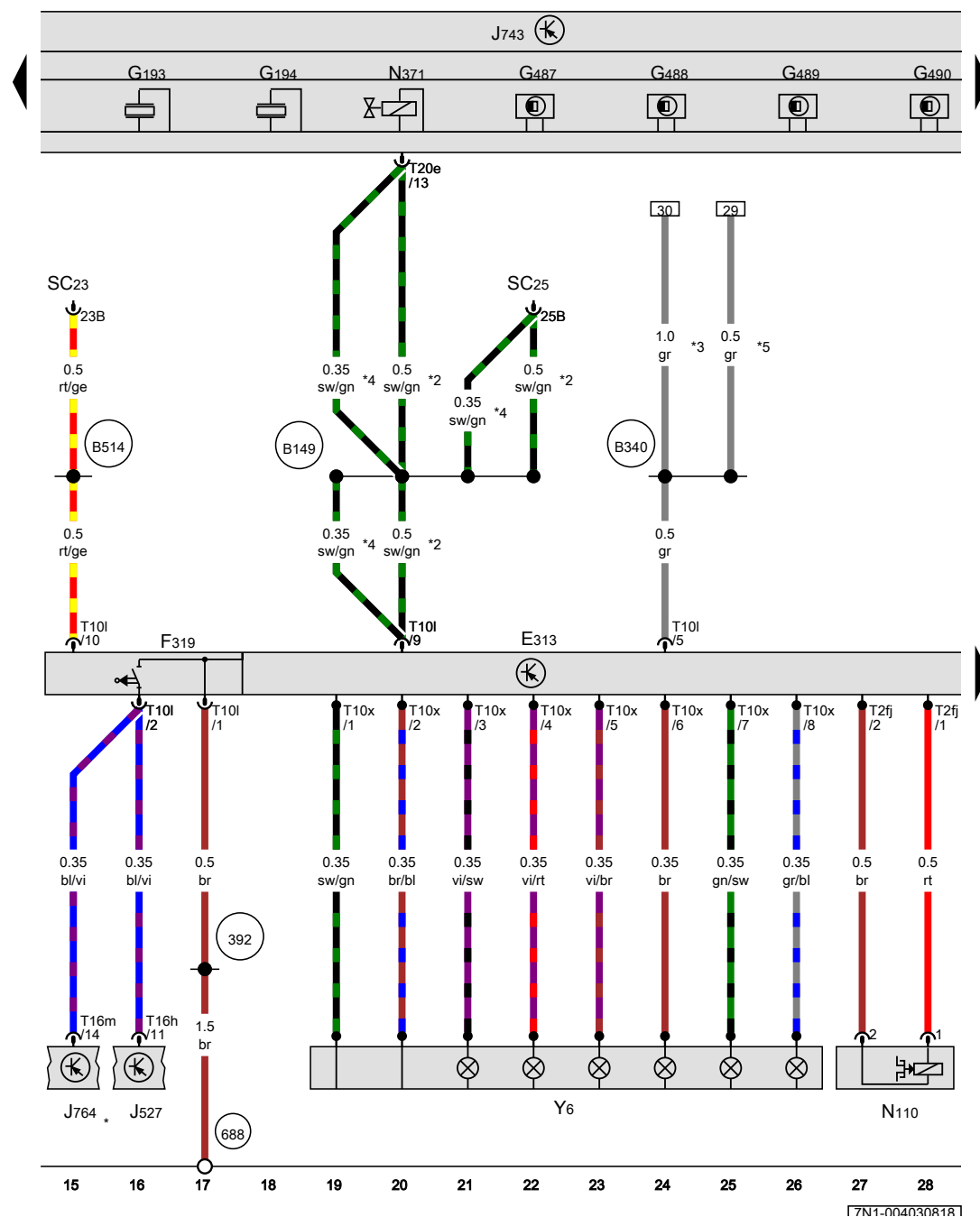
From May 2010



Mechatronic unit for dual clutch gearbox

- J623 Engine/motor control unit
- 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
- N215 Automatic gearbox pressure regulating valve 1
- N216 Automatic gearbox pressure regulating valve 2
- N217 Automatic gearbox pressure regulating valve 3
- N218 Automatic gearbox pressure regulating valve 4
- N233 Automatic gearbox pressure regulating valve 5
- SB12 Fuse 12 on fuse holder B
- T20e 20-pin connector
- T94 94-pin connector

- 12 Earth point, on left in engine compartment
- 85 Earth connection 1, in engine compartment wiring harness
- D104 Positive connection 2 (30a), in engine compartment wiring harness
- U3 Connection 1, in automatic gearbox wiring harness
- * see applicable current flow diagram for engine
- *2 For models with no start/stop system
- *3 For models with start/stop system
- *4 For models with petrol engine
- *5 Up to May 2017
- *6 For models with diesel engine
- *7 From May 2015
- *8 From May 2017
- *9 For models with illuminated door opener on front passenger side

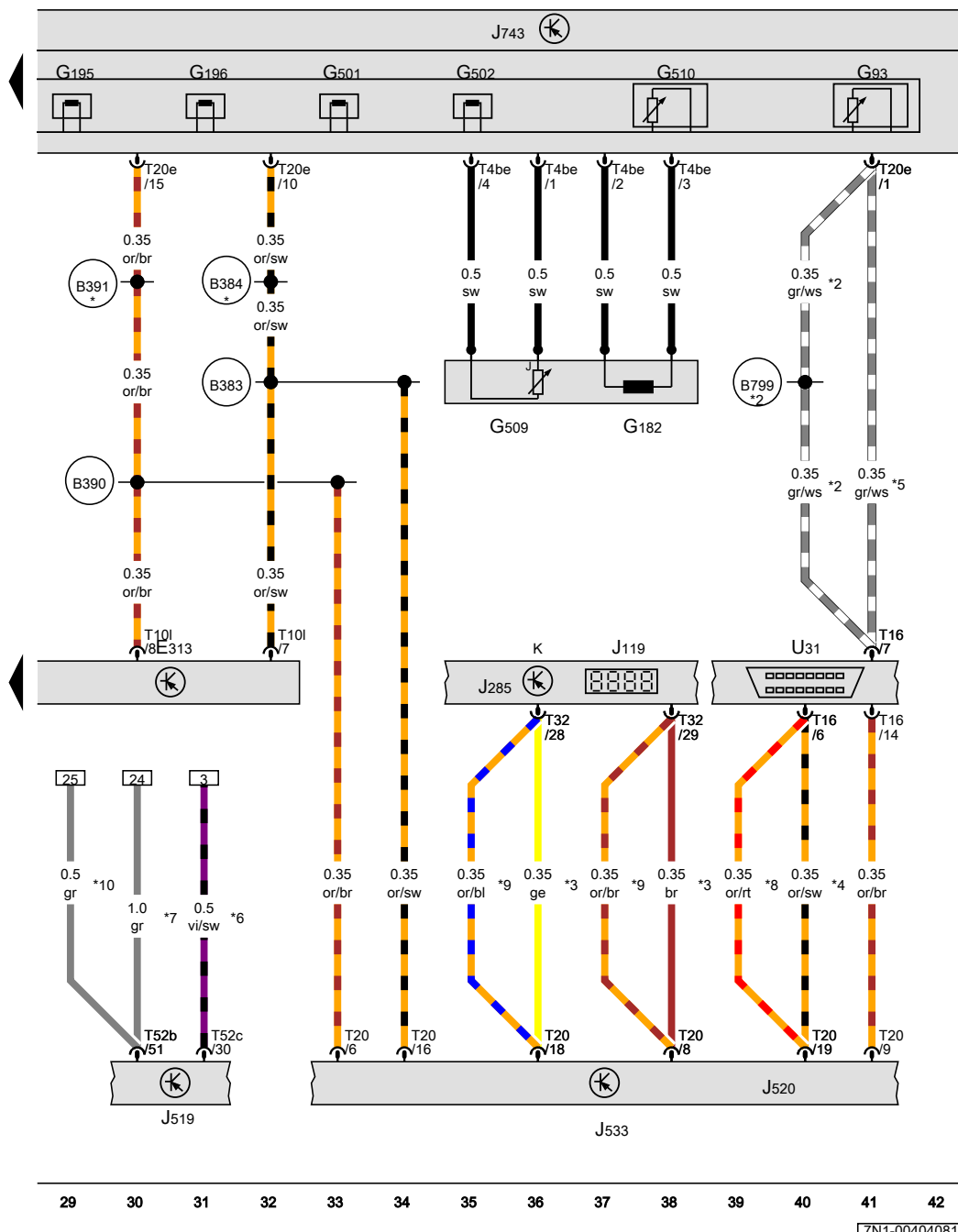


Selector lever, Mechatronic unit for dual clutch gearbox,
Selector lever lock solenoid, Selector lever position display

- E313 Selector lever
- F319 Selector lever locked in position P switch
- G193 Automatic gearbox hydraulic pressure sender 1
- G194 Automatic gearbox hydraulic pressure sender 2
- G487 Gear selector movement sensor 1
- G488 Gear selector movement sensor 2
- G489 Gear selector movement sensor 3
- G490 Gear selector movement sensor 4
- J527 Steering column electronics control unit
- J743 Mechatronic unit for dual clutch gearbox
- J764 Control unit for electronic steering column lock
- N110 Selector lever lock solenoid
- N371 Automatic gearbox pressure regulating valve 6
- SC23 Fuse 23 on fuse holder C
- SC25 Fuse 25 on fuse holder C
- T2fj 2-pin connector
- T10l 10-pin connector
- T10x 10-pin connector
- T16h 16-pin connector
- T16m 16-pin connector
- T20e 20-pin connector
- Y6 Selector lever position display

- 392 Earth connection 27, in main wiring harness
- 688 Earth point 2, on centre tunnel
- B149 Positive connection 2 (15a), in interior wiring harness
- B340 Connection 1 (58d), in main wiring harness
- B514 Positive connection 10 (30a), in interior wiring harness

- * According to equipment
- *2 Up to May 2016
- *3 Up to May 2017
- *4 From May 2016
- *5 From May 2017



Selector lever, Gearbox input speed sender, Clutch temperature sender, Control unit in dash panel insert, Data bus diagnostic interface, Mechatronic unit for dual clutch gearbox, Diagnostic connection

- E313 Selector lever
- G93 Gearbox oil temperature sender
- G182 Gearbox input speed sender
- G195 Gearbox output speed sender
- G196 Gearbox output speed sender 2
- G501 Input shaft speed sender 1
- G502 Input shaft speed sender 2
- G509 Clutch temperature sender
- G510 Temperature sender in control unit
- J119 Multifunction indicator
- J285 Control unit in dash panel insert
- J519 Onboard supply control unit
- J520 Onboard supply control unit 2
- J533 Data bus diagnostic interface
- J743 Mechatronic unit for dual clutch gearbox
- K Dash panel insert
- T4be 4-pin connector
- T10I 10-pin connector
- T16 16-pin connector
- T20 20-pin connector
- T20e 20-pin connector
- T32 32-pin connector
- T52b 52-pin connector
- T52c 52-pin connector
- U31 Diagnostic connection

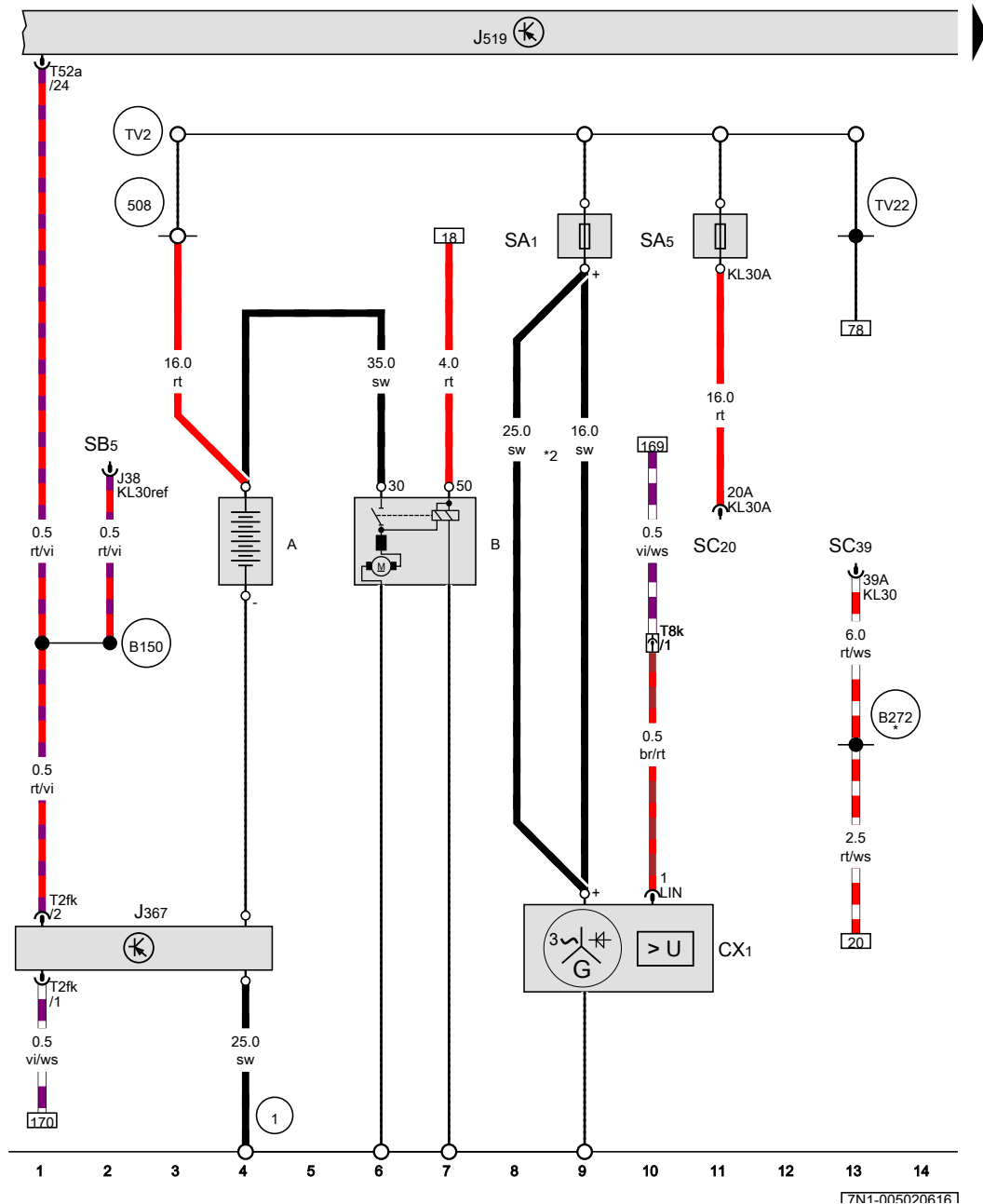
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B384 Connection 2 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- B391 Connection 2 (powertrain CAN bus, low), in main wiring harness
- B799 Connection 4 (diagnosis), in main wiring harness

- * From May 2011
- *2 From November 2016
- *3 Up to May 2016
- *4 Up to May 2015
- *5 Up to November 2016
- *6 For models with no start/stop system
- *7 Up to May 2017
- *8 From May 2015
- *9 From May 2016
- *10 From May 2017

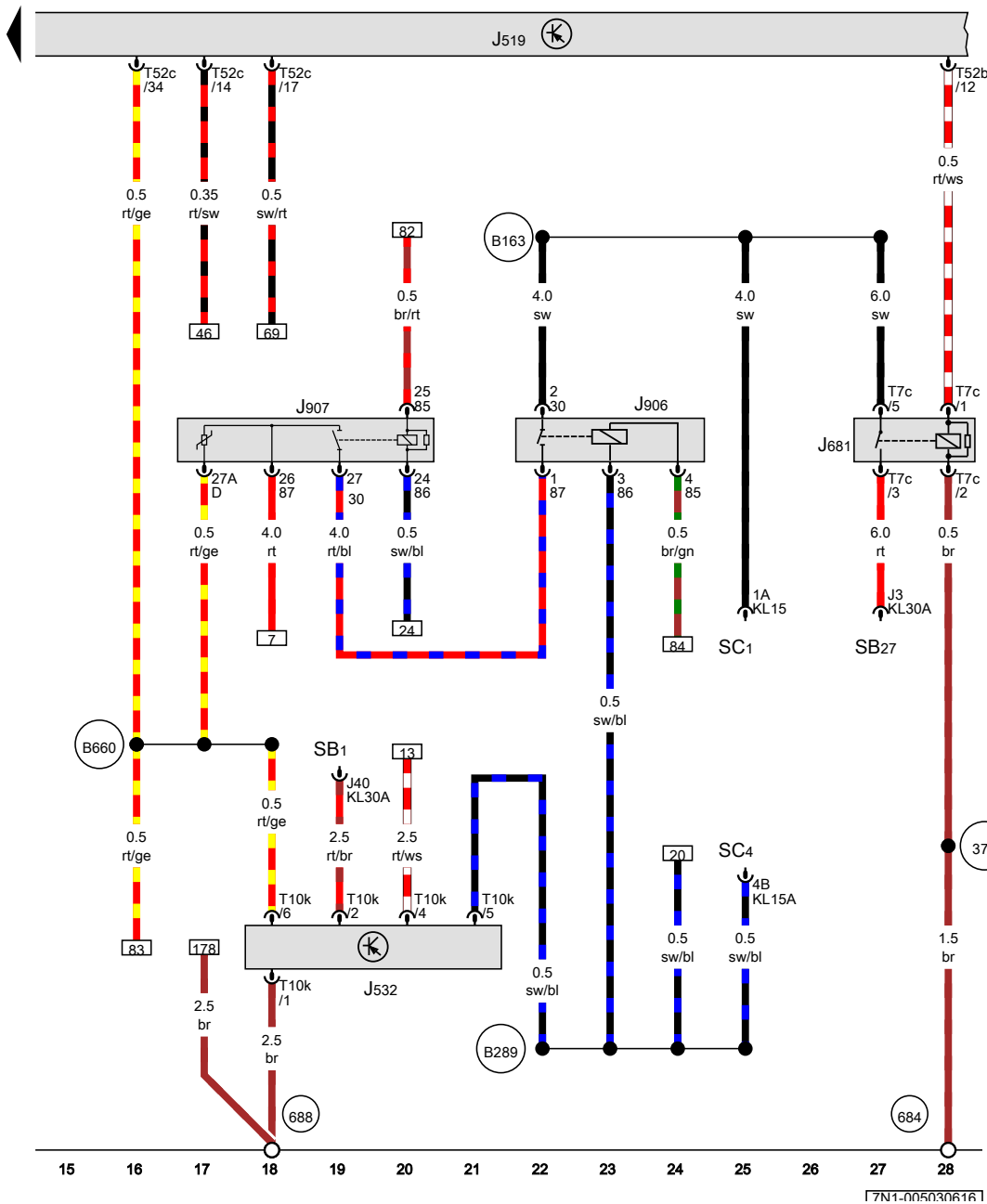
1.4l petrol engine with start/stop system , CAVA

From May 2010

Battery, Starter, Alternator with voltage regulator, Battery monitor control unit, Onboard supply control unit



Onboard supply control unit, Voltage stabiliser, Terminal 15 voltage supply relay 2, Starter relay 1, Starter relay 2



- J519 Onboard supply control unit
- J532 Voltage stabiliser
- J681 Terminal 15 voltage supply relay 2
- J906 Starter relay 1
- J907 Starter relay 2
- SC1 Fuse 1 on fuse holder C
- SB1 Fuse 1 on fuse holder B
- SC4 Fuse 4 on fuse holder C
- SB27 Fuse 27 on fuse holder B
- T7c 7-pin connector
- T10k 10-pin connector
- T52b 52-pin connector
- T52c 52-pin connector

- 371 Earth connection 6, in main wiring harness
- 684 Earth point on front of left side member
- 688 Earth point 2, on centre tunnel
- B163 Positive connection 1 (15), in interior wiring harness
- B289 Positive connection 13 (15a) in main wiring harness
- B660 Connection (diagnosis terminal 50), 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

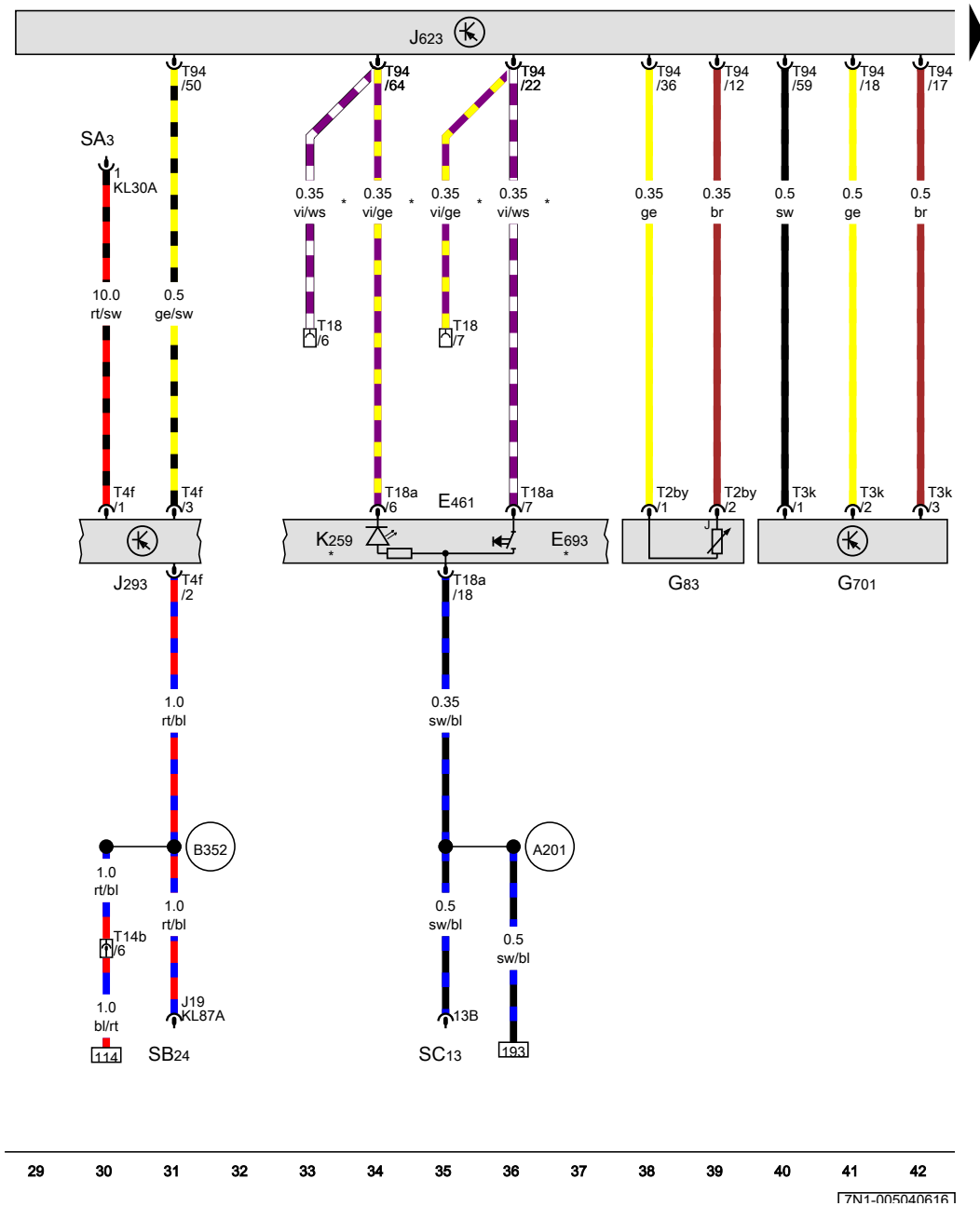
Operating unit in front of centre console, Start/Stop operation button, Radiator outlet coolant temperature sender, Gearbox neutral position sender, Engine control unit

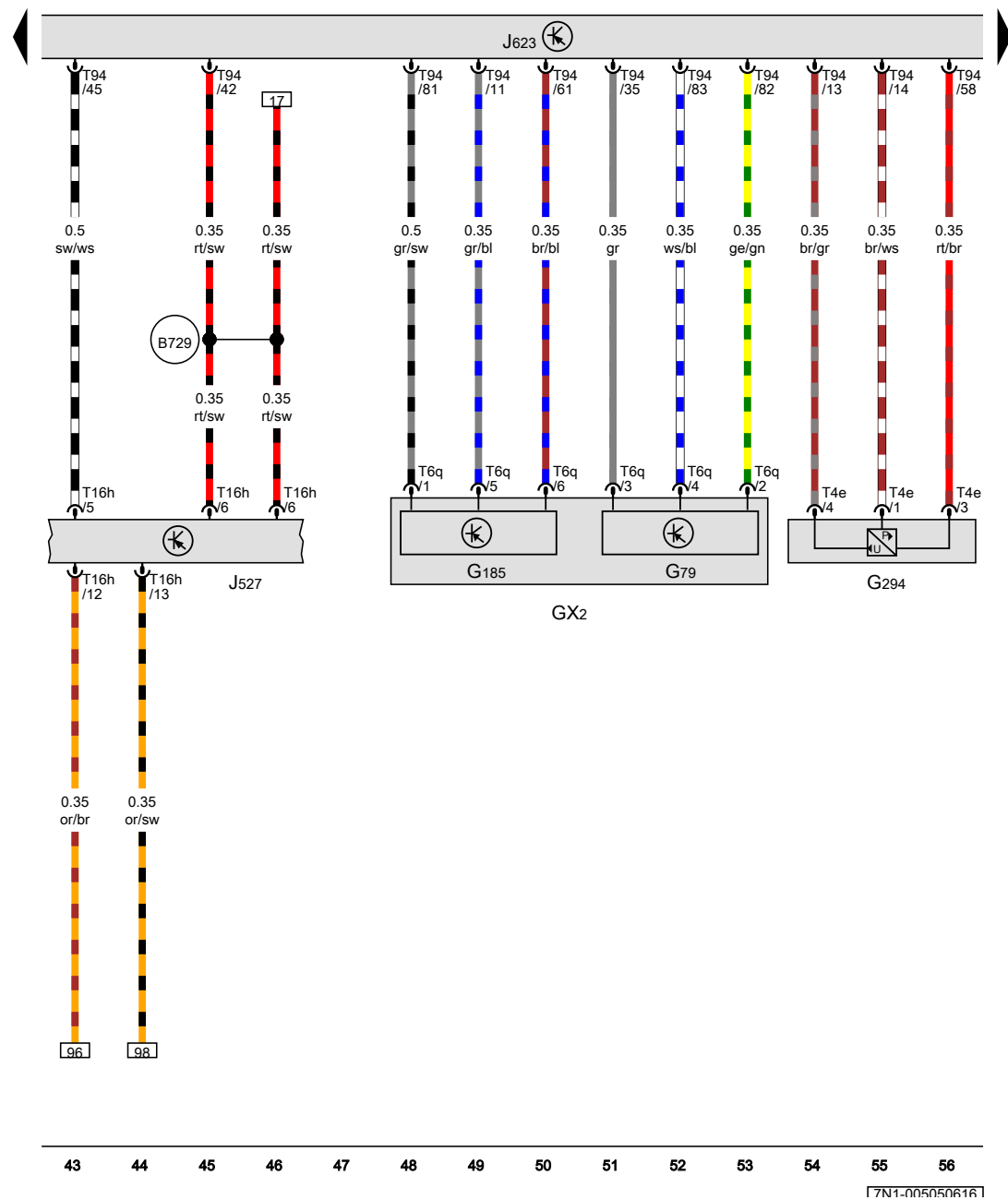
- E461 Operating unit in front of centre console
- E693 Start/Stop operation button
- G83 Radiator outlet coolant temperature sender
- G701 Gearbox neutral position sender
- J293 Radiator fan control unit
- J623 Engine control unit
- K259 Start/Stop operation warning lamp
- SA3 Fuse 3 in fuse holder A
- SC13 Fuse 13 on fuse holder C
- SB24 Fuse 24 on fuse holder B
- T2by 2-pin connector
- T3k 3-pin connector
- T4f 4-pin connector
- T14b 14-pin connector
- T18 18-pin connector
- T18a 18-pin connector
- T94 94-pin connector

A201 Positive connection 6 (15a) in dash panel wiring harness

B352 Positive connection 3 (87a) in main wiring harness

* According to equipment

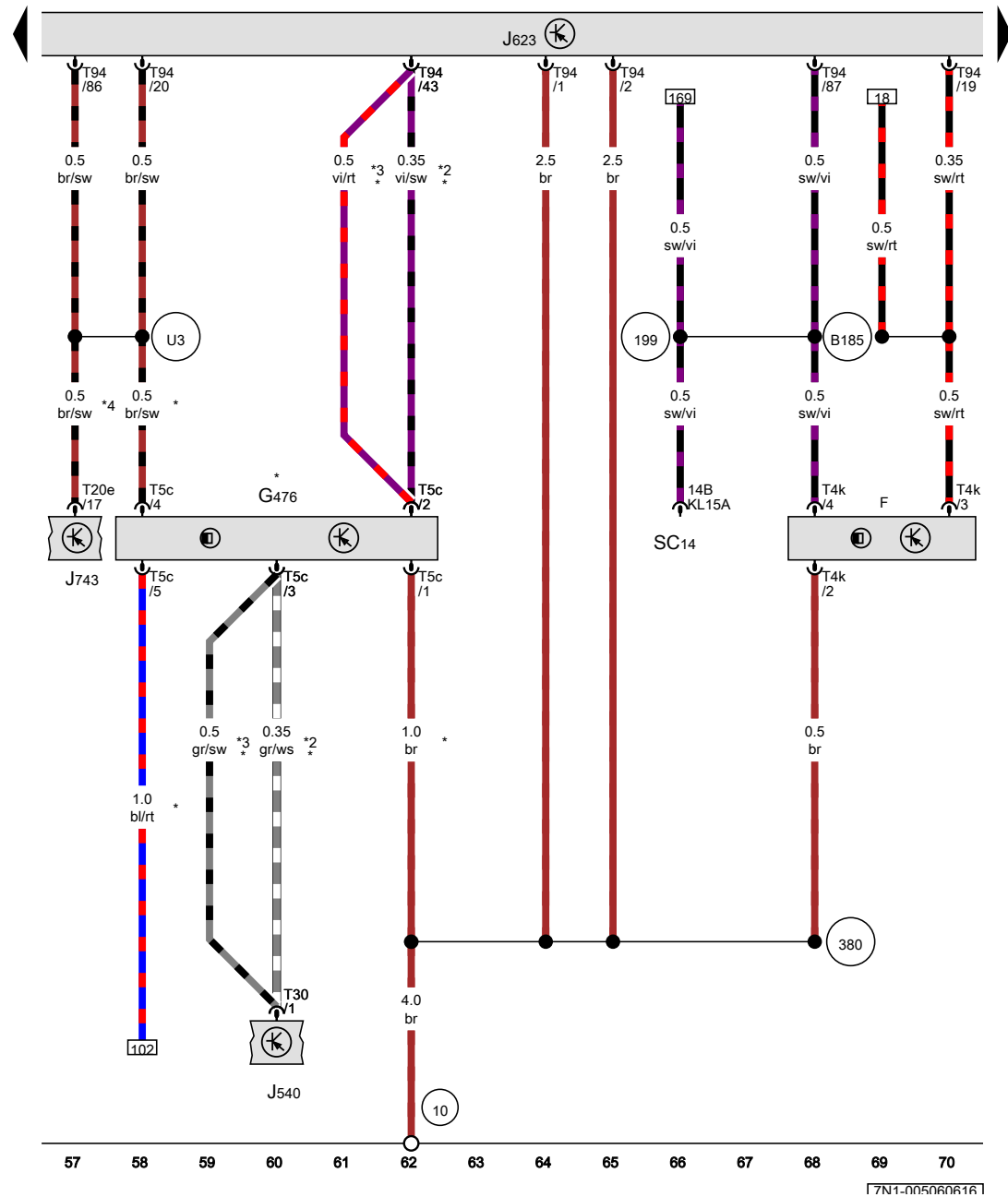




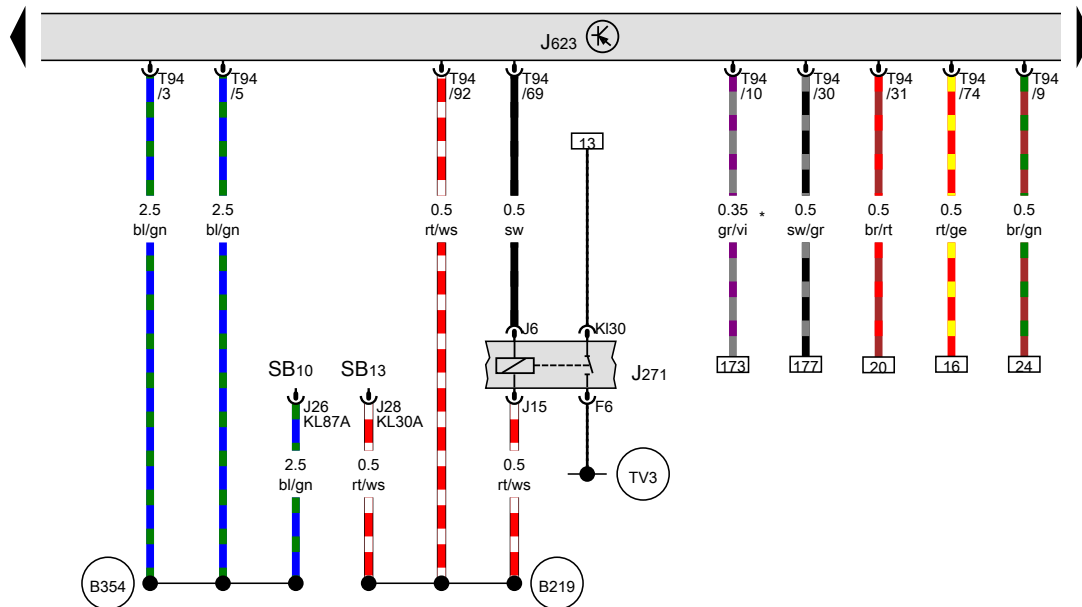
Accelerator pedal module, Accelerator position sender, Brake servo pressure sensor, Steering column electronics control unit, Engine control unit

- GX2 Accelerator pedal module
- G79 Accelerator position sender
- G185 Accelerator position sender 2
- G294 Brake servo pressure sensor
- J527 Steering column electronics control unit
- J623 Engine control unit
- T4e 4-pin connector
- T6q 6-pin connector
- T16h 16-pin connector
- T94 94-pin connector
- B729 Connection 1 (50), in main wiring harness

Brake light switch, Clutch position sender, Engine control unit



- F Brake light switch
- G476 Clutch position sender
- J540 Control unit for electromechanical parking brake
- J623 Engine control unit
- J743 Mechatronic unit for dual clutch gearbox
- SC14 Fuse 14 on fuse holder C
- T4k 4-pin connector
- T5c 5-pin connector
- T20e 20-pin connector
- T30 30-pin connector
- T94 94-pin connector
- 10 Earth point, in plenum chamber
- 199 Earth connection 3, in dash panel wiring harness
- 380 Earth connection 15, in main wiring harness
- B185 Connection 2 (54), in interior wiring harness
- U3 Connection 1, in automatic gearbox wiring harness
- * Only models with manual gearbox
- *2 Only left-hand drive models
- *3 Only right-hand drive models
- *4 Only models with dual clutch gearbox

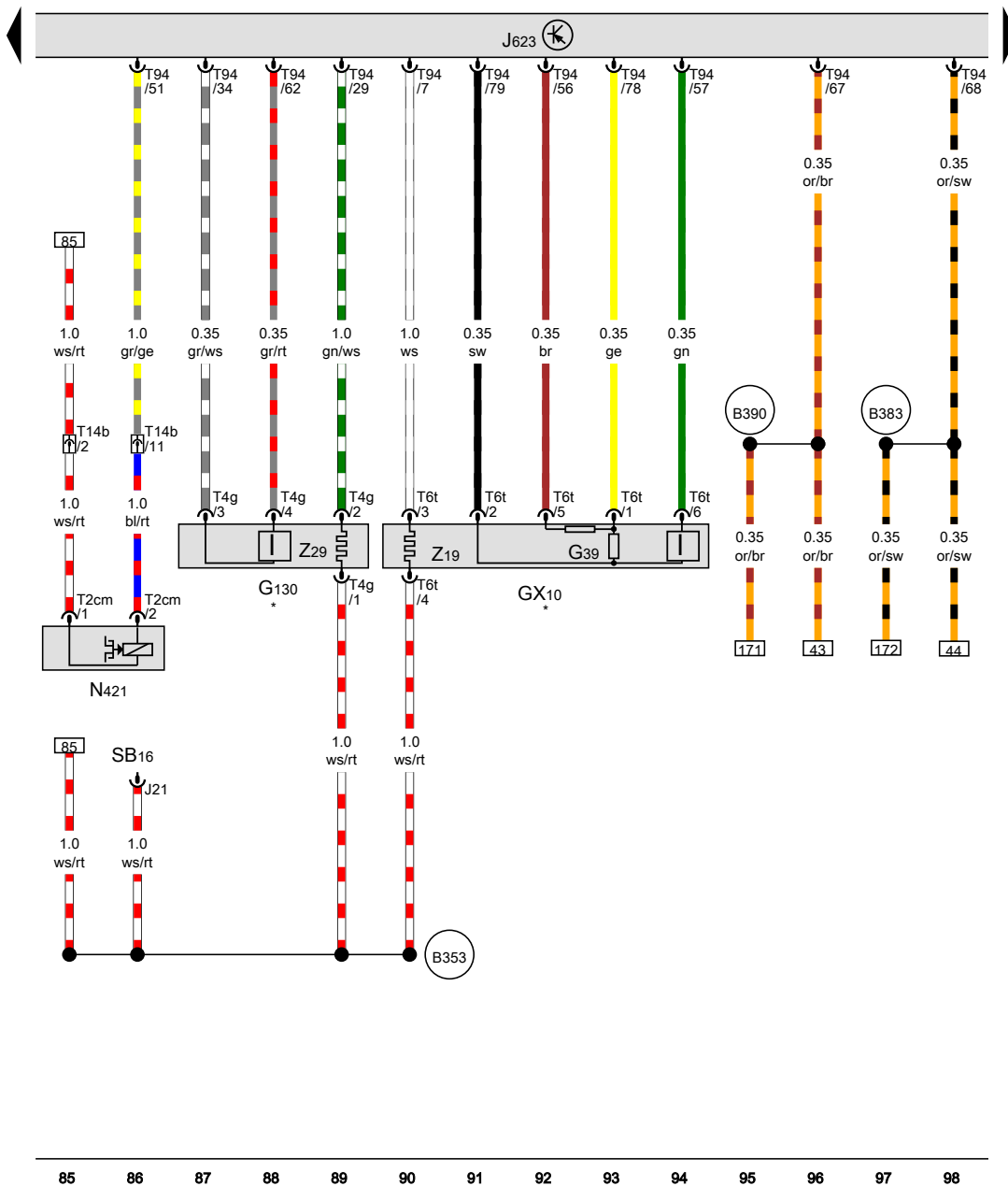


Main relay, Engine control unit

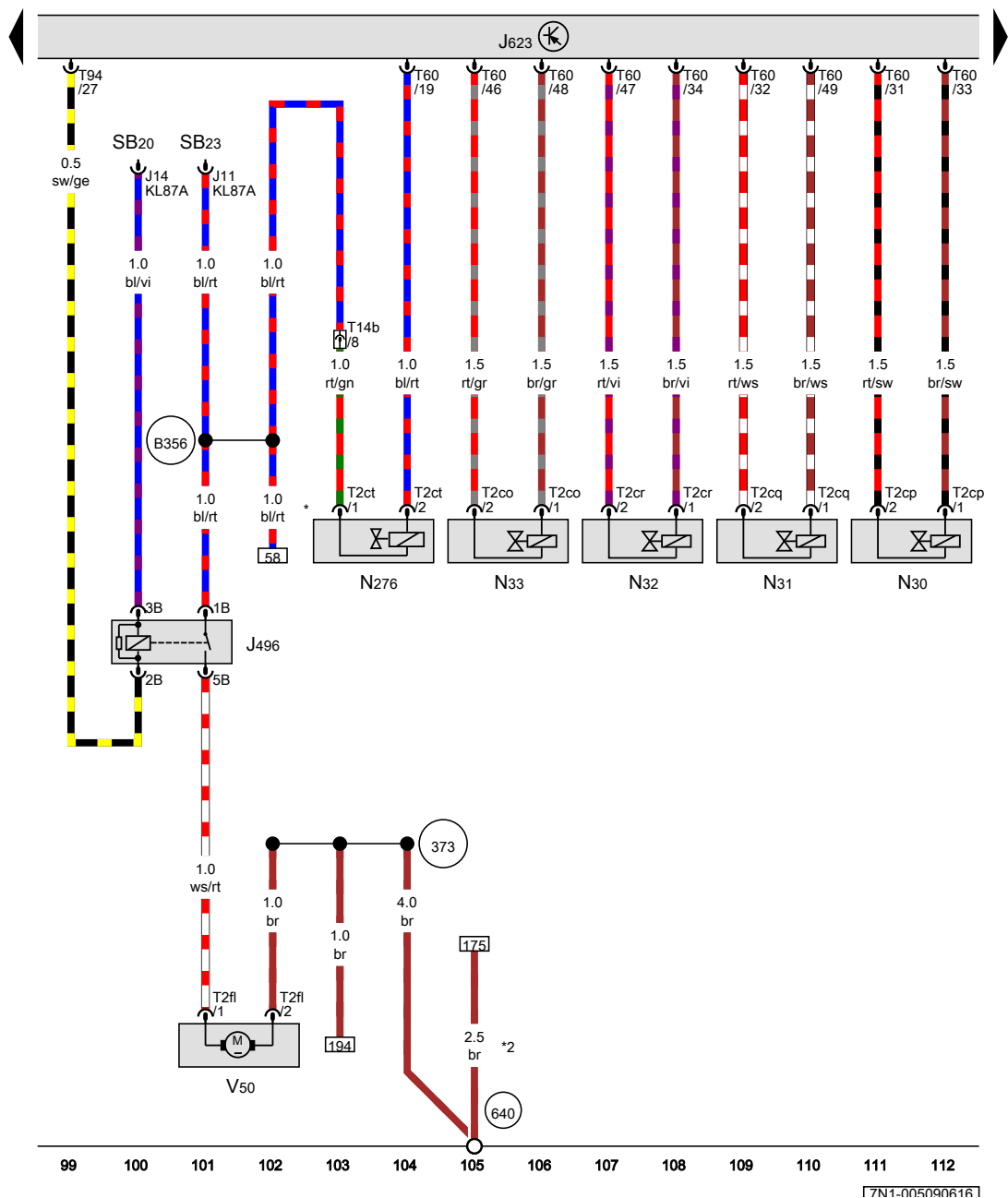
- J271 Main relay
- J623 Engine control unit
- SB10 Fuse 10 on fuse holder B
- SB13 Fuse 13 on fuse holder B
- T94 94-pin connector
- B219 Positive connection 4 (30a), in interior wiring harness
- B354 Positive connection 5 (87a) in main wiring harness
- TV3 Terminal 30a wiring junction
- * Only models with equipment for Japan

ws = white
 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, Lambda probe after catalytic converter, Engine control unit, Magnetic clutch for supercharger



- GX10 Lambda probe 1 before catalytic converter
- G39 Lambda probe
- G130 Lambda probe after catalytic converter
- J623 Engine control unit
- N421 Magnetic clutch for supercharger
- SB16 Fuse 16 on fuse holder B
- T2cm 2-pin connector
- T4g 4-pin connector
- T6t 6-pin connector
- T14b 14-pin connector
- T94 94-pin connector
- Z19 Lambda probe heater
- Z29 Lambda probe 1 heater after catalytic converter
- B353 Positive connection 4 (87a) 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
- * Pre-wired component



Additional coolant pump relay, Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4, Fuel pressure regulating valve, Coolant circulation pump

- J496 Additional coolant pump relay
- J623 Engine control unit
- N30 Injector, cylinder 1
- N31 Injector, cylinder 2
- N32 Injector, cylinder 3
- N33 Injector, cylinder 4
- N276 Fuel pressure regulating valve
- SB20 Fuse 20 on fuse holder B
- SB23 Fuse 23 on fuse holder B
- T2co 2-pin connector
- T2cp 2-pin connector
- T2cq 2-pin connector
- T2cr 2-pin connector
- T2ct 2-pin connector
- T2fl 2-pin connector
- T14b 14-pin connector
- T60 60-pin connector
- T94 94-pin connector
- V50 Coolant circulation pump

373 Earth connection 8, in main wiring harness

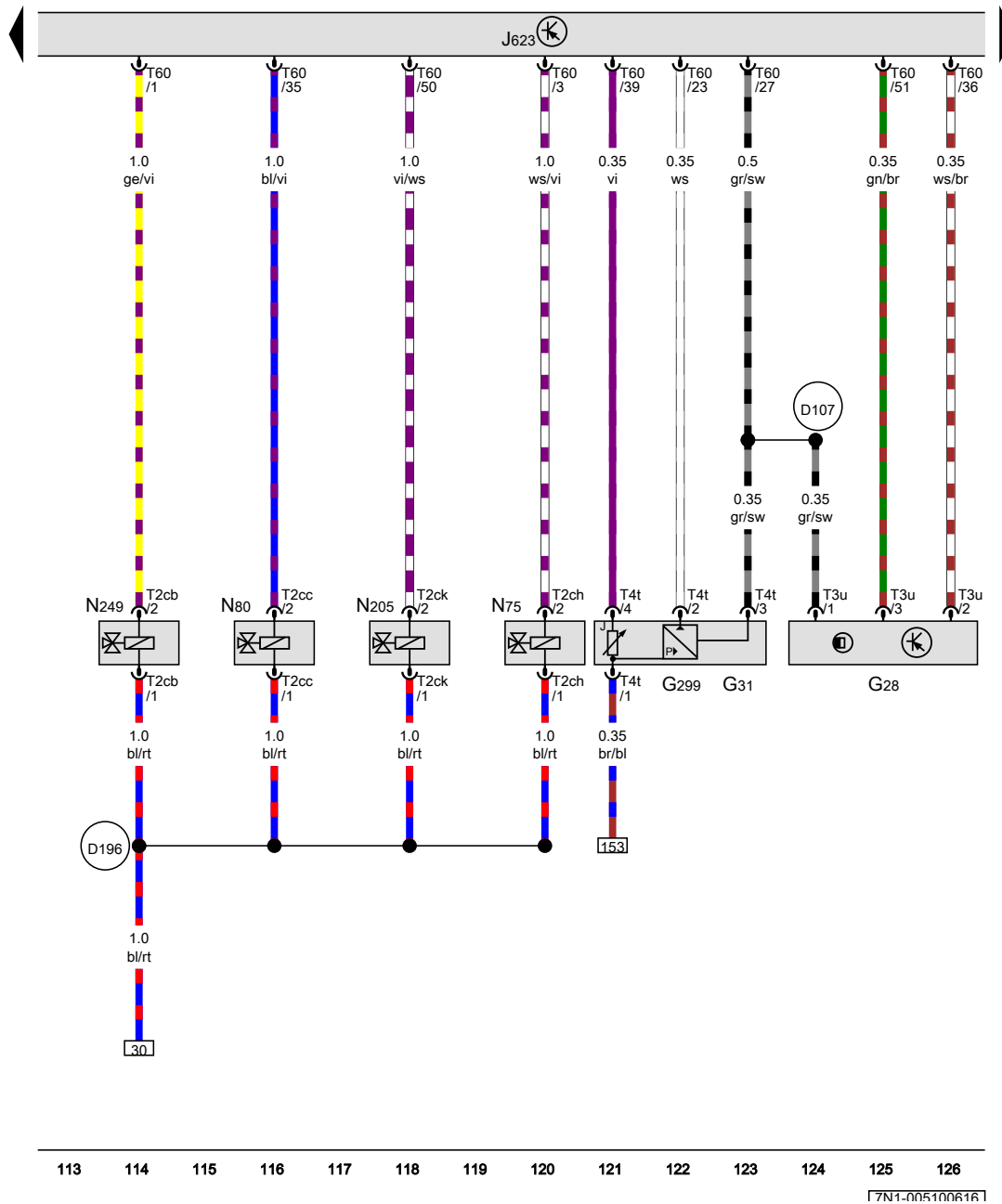
640 Earth point 2, left in engine compartment

B356 Positive connection 7 (87a) in main wiring harness

* Only models with manual gearbox

*2 Only models with equipment for Japan

- ws = white
- 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 2, Engine control unit, Charge pressure control solenoid valve, Activated charcoal filter solenoid valve 1, Camshaft control valve 1, Turbocharger air recirculation valve

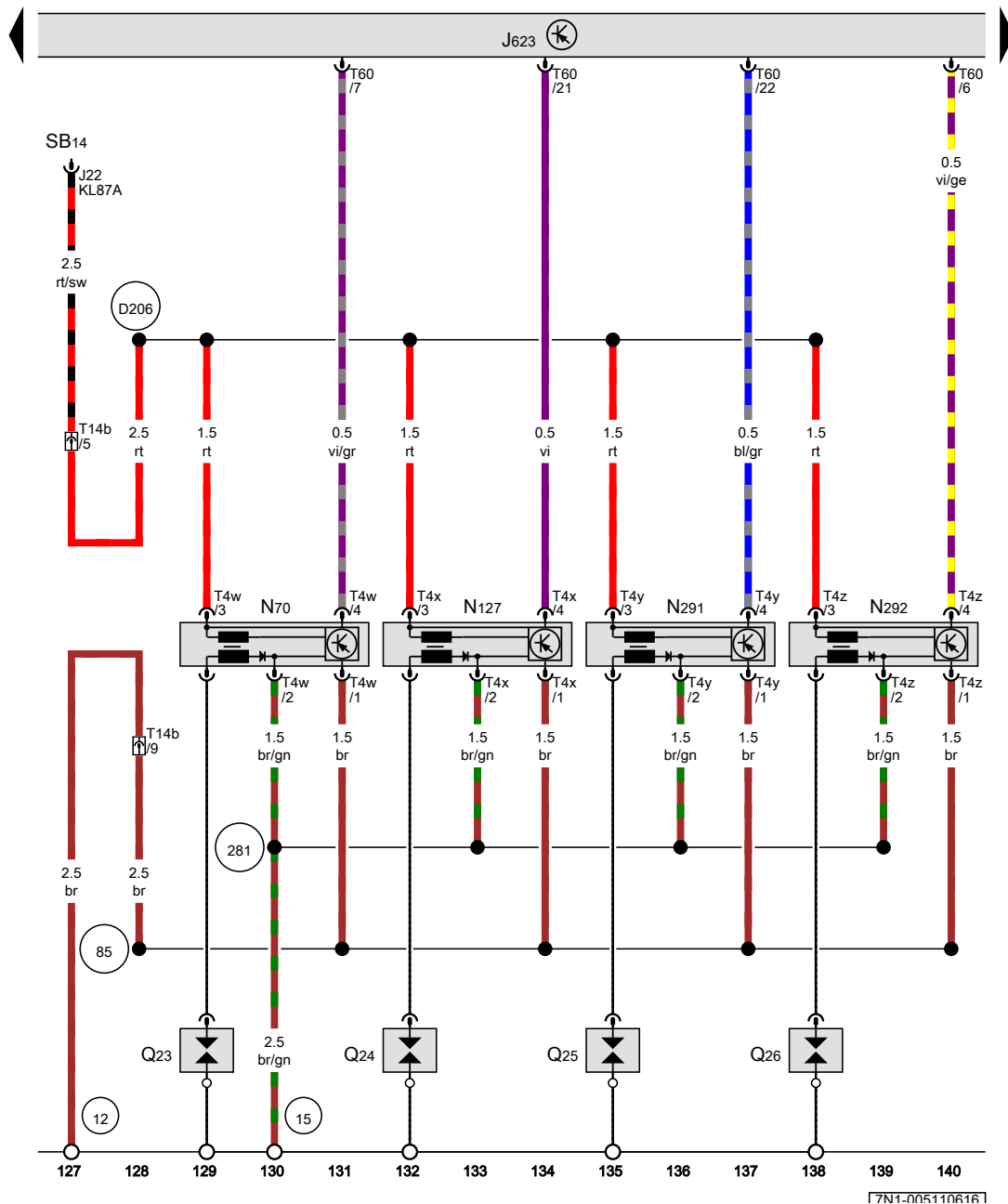
- G28 Engine speed sender
- G31 Charge pressure sender
- G299 Intake air temperature sender 2
- J623 Engine control unit
- N75 Charge pressure control solenoid valve
- N80 Activated charcoal filter solenoid valve 1
- N205 Camshaft control valve 1
- N249 Turbocharger air recirculation valve
- T2cb 2-pin connector
- T2cc 2-pin connector
- T2ch 2-pin connector
- T2ck 2-pin connector
- T3u 3-pin connector
- T4t 4-pin connector
- T60 60-pin connector

D107 Connection 5 in engine compartment wiring harness

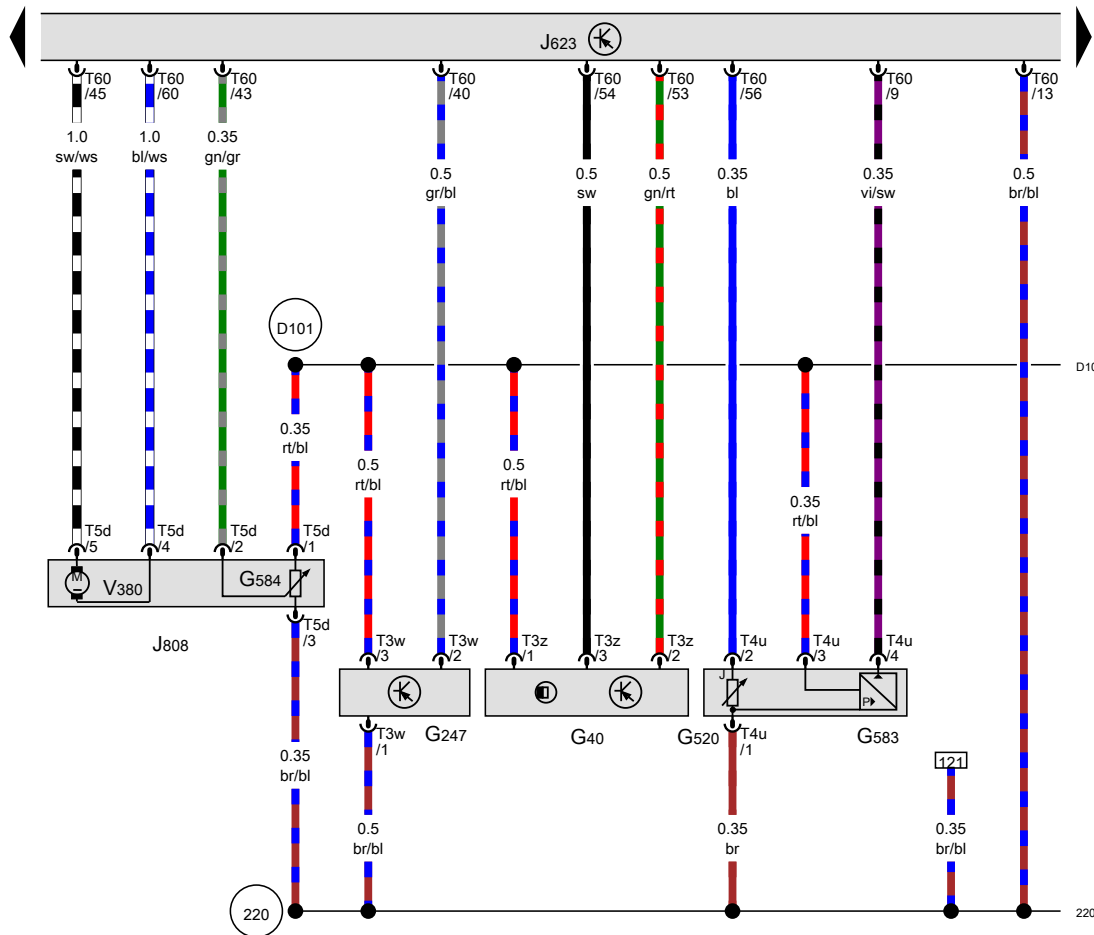
D196 Connection 2 (87a) in engine prewiring harness

- 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

Engine control unit, Ignition coil 1 with output stage, Spark plug 1



17N1-005110616



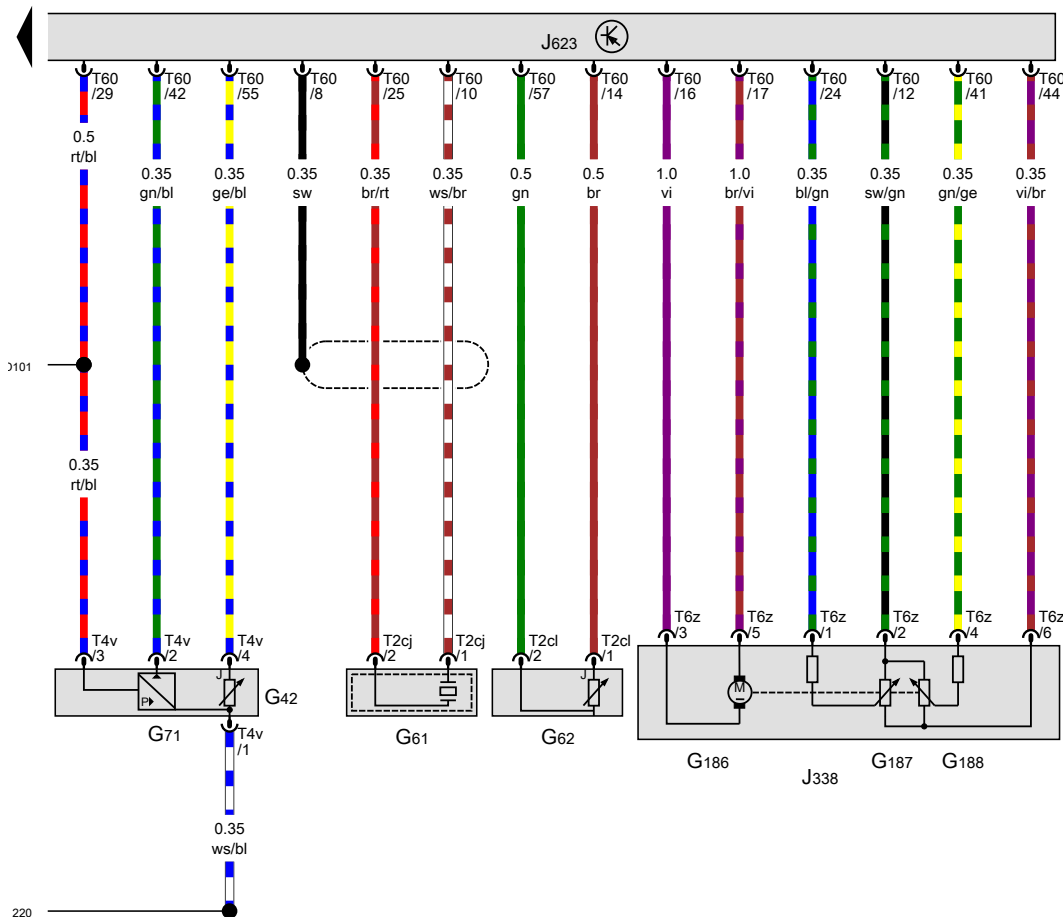
Hall sender, Fuel pressure sender, Intake air temperature sender 3, Intake manifold pressure sender 3, Regulating flap potentiometer, Engine control unit, Regulating flap control unit, Regulating flap position control motor

- G40 Hall sender
- G247 Fuel pressure sender
- G520 Intake air temperature sender 3
- G583 Intake manifold pressure sender 3
- G584 Regulating flap potentiometer
- J623 Engine control unit
- J808 Regulating flap control unit
- T3w 3-pin connector
- T3z 3-pin connector
- T4u 4-pin connector
- T5d 5-pin connector
- T60 60-pin connector
- V380 Regulating flap position control motor
- 220 Earth connection (sender earth), in engine wiring harness
- D101 Connection 1 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

141 142 143 144 145 146 147 148 149 150 151 152 153 154

17N1-005120616



Intake air temperature sender, Knock sensor 1, Coolant temperature sender, Intake manifold pressure sender, Throttle valve module, Engine control unit

- G42 Intake air temperature sender
- G61 Knock sensor 1
- G62 Coolant temperature sender
- G71 Intake manifold 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 control unit
- T2cj 2-pin connector
- T2cl 2-pin connector
- T4v 4-pin connector
- T6z 6-pin connector
- T60 60-pin connector

220 Earth connection (sender earth), in engine wiring harness

D101 Connection 1 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

155 156 157 158 159 160 161 162 163 164 165 166 167 168

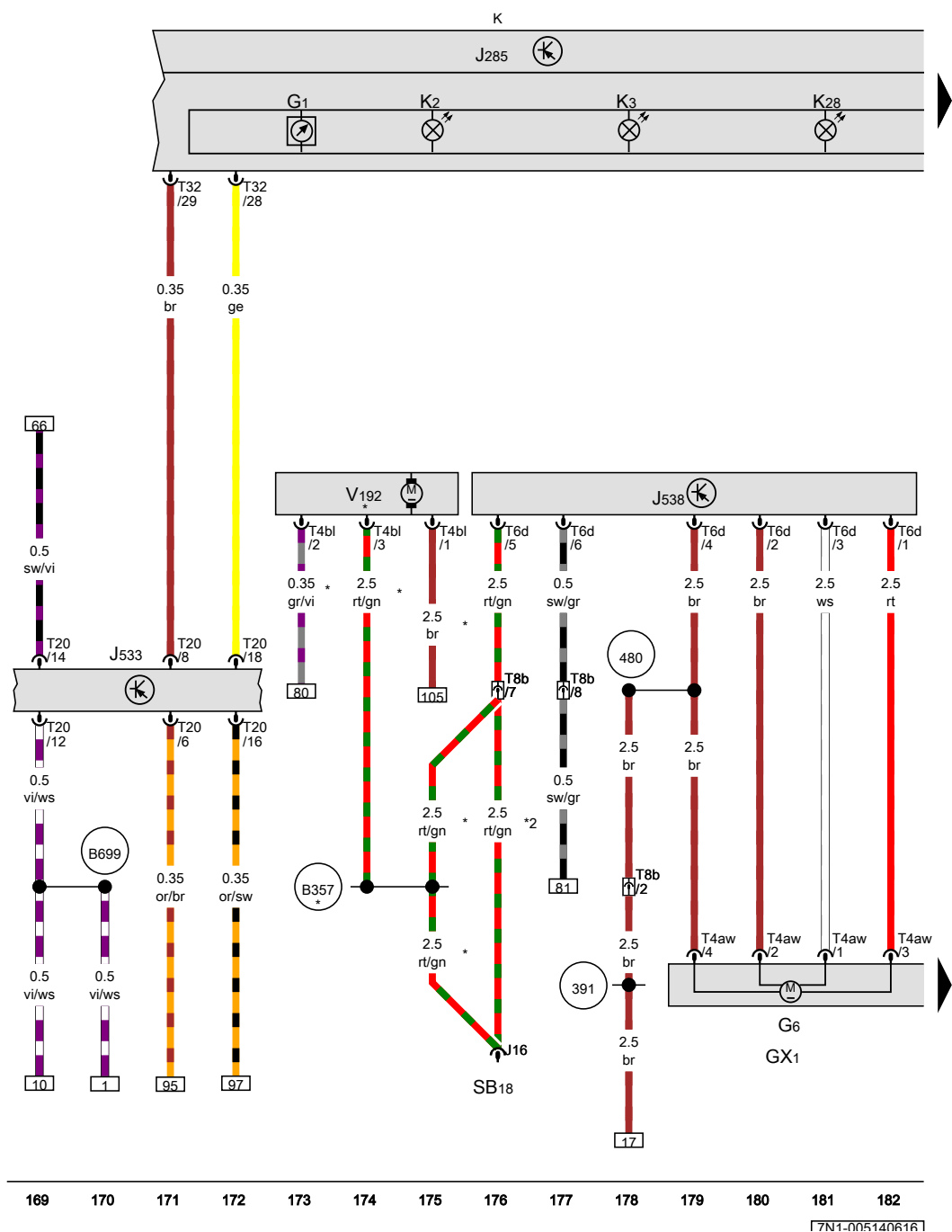
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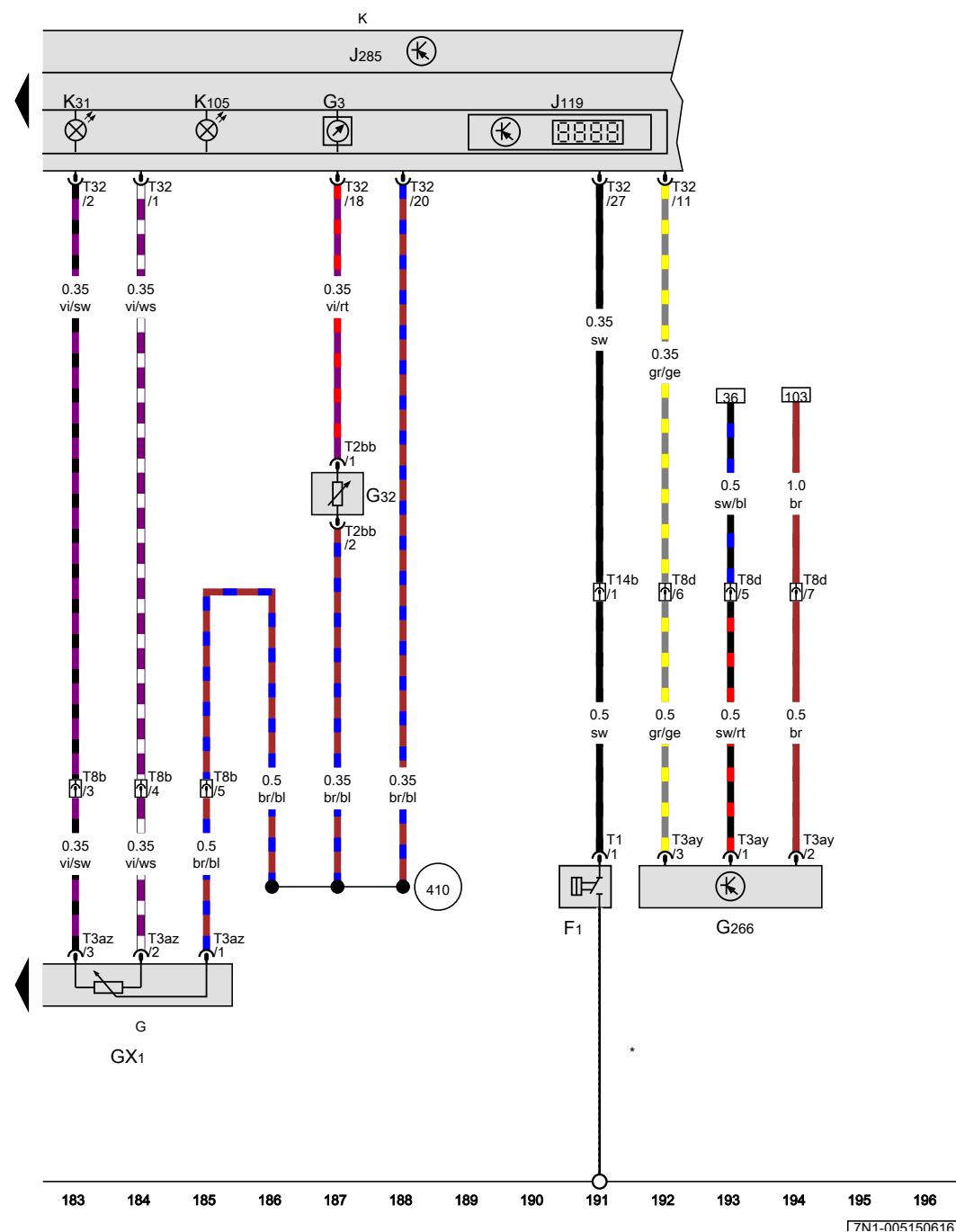
Fuel delivery unit, Control unit in dash panel insert, Data bus diagnostic interface, Fuel pump control unit, Vacuum pump for brakes

- G1 Fuel gauge
- GX1 Fuel delivery unit
- G6 Fuel system pressurisation pump
- J285 Control unit in dash panel insert
- J533 Data bus diagnostic interface
- J538 Fuel pump control unit
- K Dash panel insert
- K2 Alternator warning lamp
- K3 Oil pressure warning lamp
- K28 Coolant temperature and coolant shortage warning lamp
- SB18 Fuse 18 on fuse holder B
- T4aw 4-pin connector
- T4bl 4-pin connector
- T6d 6-pin connector
- T8b 8-pin connector
- T20 20-pin connector
- T32 32-pin connector
- V192 Vacuum pump for brakes

- 391 Earth connection 26, in main wiring harness
- 480 Earth connection, in fuel tank wiring harness
- B357 Positive connection 8 (87a) in main wiring harness
- B699 Connection 4 (LIN bus) in main wiring harness
- * Only models with equipment for Japan
- *2 Only models with no equipment for Japan

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





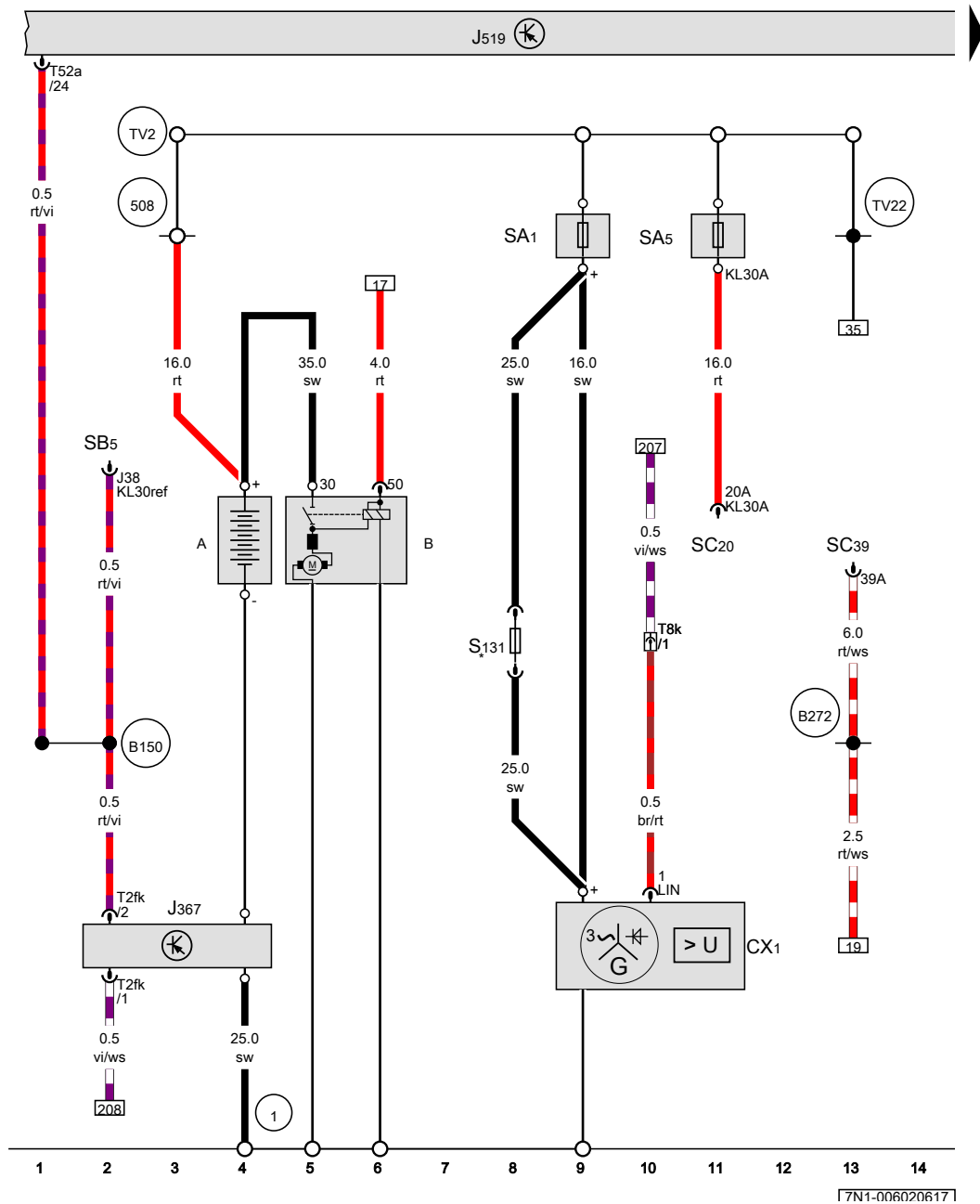
Oil pressure switch, Fuel delivery unit, Coolant shortage indicator sender, Oil level and oil temperature sender, Control unit in dash panel insert

- F1 Oil pressure switch
- G Fuel gauge sender
- GX1 Fuel delivery unit
- G3 Coolant temperature gauge
- G32 Coolant shortage indicator sender
- G266 Oil level and oil temperature sender
- J119 Multifunction indicator
- J285 Control unit in dash panel insert
- K Dash panel insert
- K31 Cruise control system warning lamp
- K105 Reserve fuel warning lamp
- T1 Single connector
- T2bb 2-pin connector
- T3ay 3-pin connector
- T3az 3-pin connector
- T8b 8-pin connector
- T8d 8-pin connector
- T14b 14-pin connector
- T32 32-pin connector
- 410 Earth connection 1 (sender earth) in main wiring harness
- * Earth supply via housing

2.0l diesel engine with start/stop system , CFFA,CFFB,CFGB

From May 2010

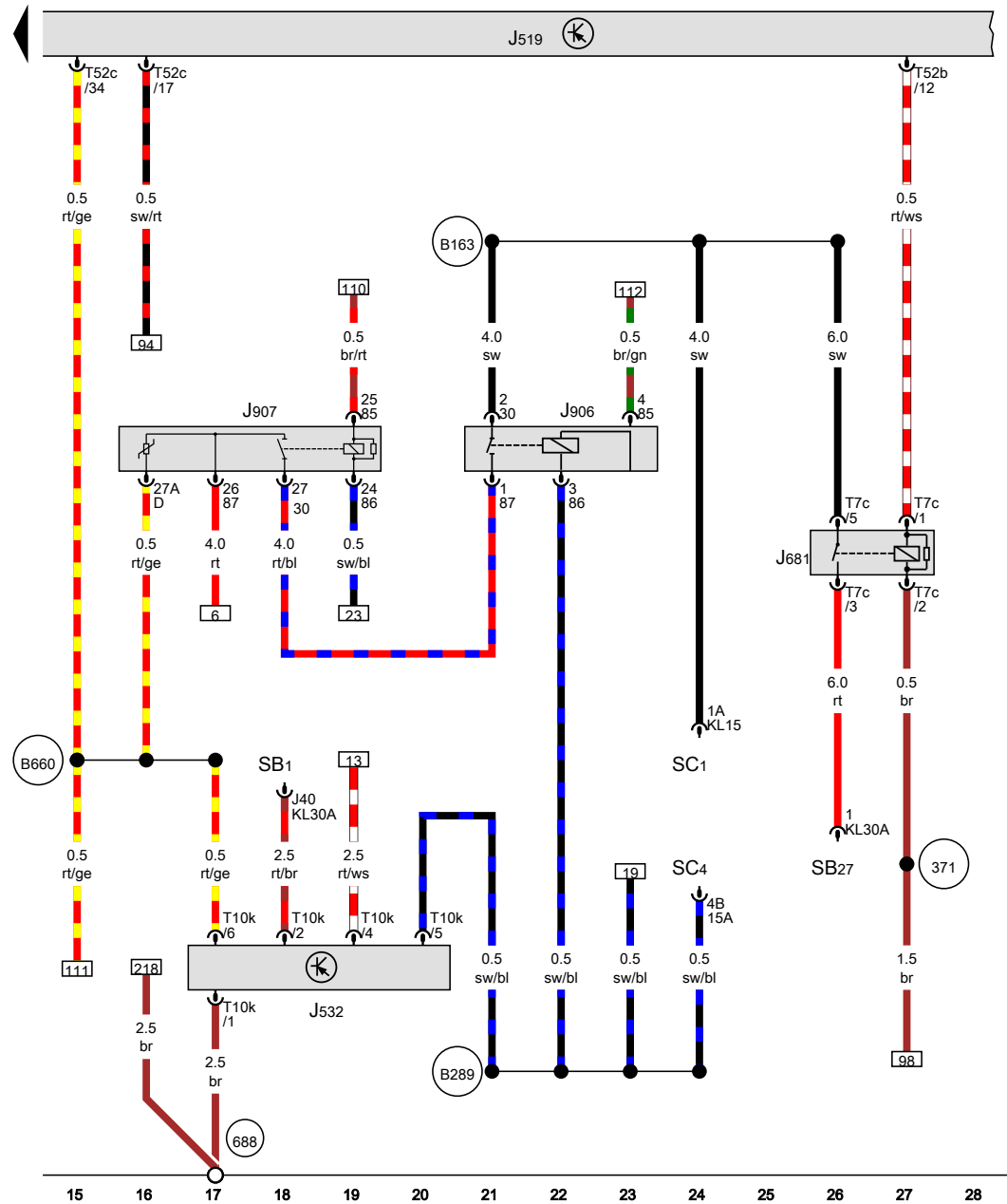
Battery, Starter, Alternator with voltage regulator, Battery monitor control unit, Onboard supply control unit



- A Battery
- B Starter
- CX1 Alternator with voltage regulator
- J367 Battery monitor control unit
- J519 Onboard supply control unit
- SA1 Fuse 1 on fuse holder A
- SB5 Fuse 5 on fuse holder B
- SA5 Fuse 5 on fuse holder A
- SC20 Fuse 20 on fuse holder C
- SC39 Fuse 39 on fuse holder C
- S131 Fuse 1, in alternator wire
- T2fk 2-pin connector
- T8k 8-pin connector
- T52a 52-pin connector

- 1 Earth strap, battery - body
- 508 Threaded connection (30) on E-box
- B150 Positive connection 2 (30a), in interior wiring harness
- B272 Positive connection (30), in main wiring harness
- TV2 Terminal 30 wiring junction
- TV22 Terminal 30 wiring junction 2
- * According to equipment

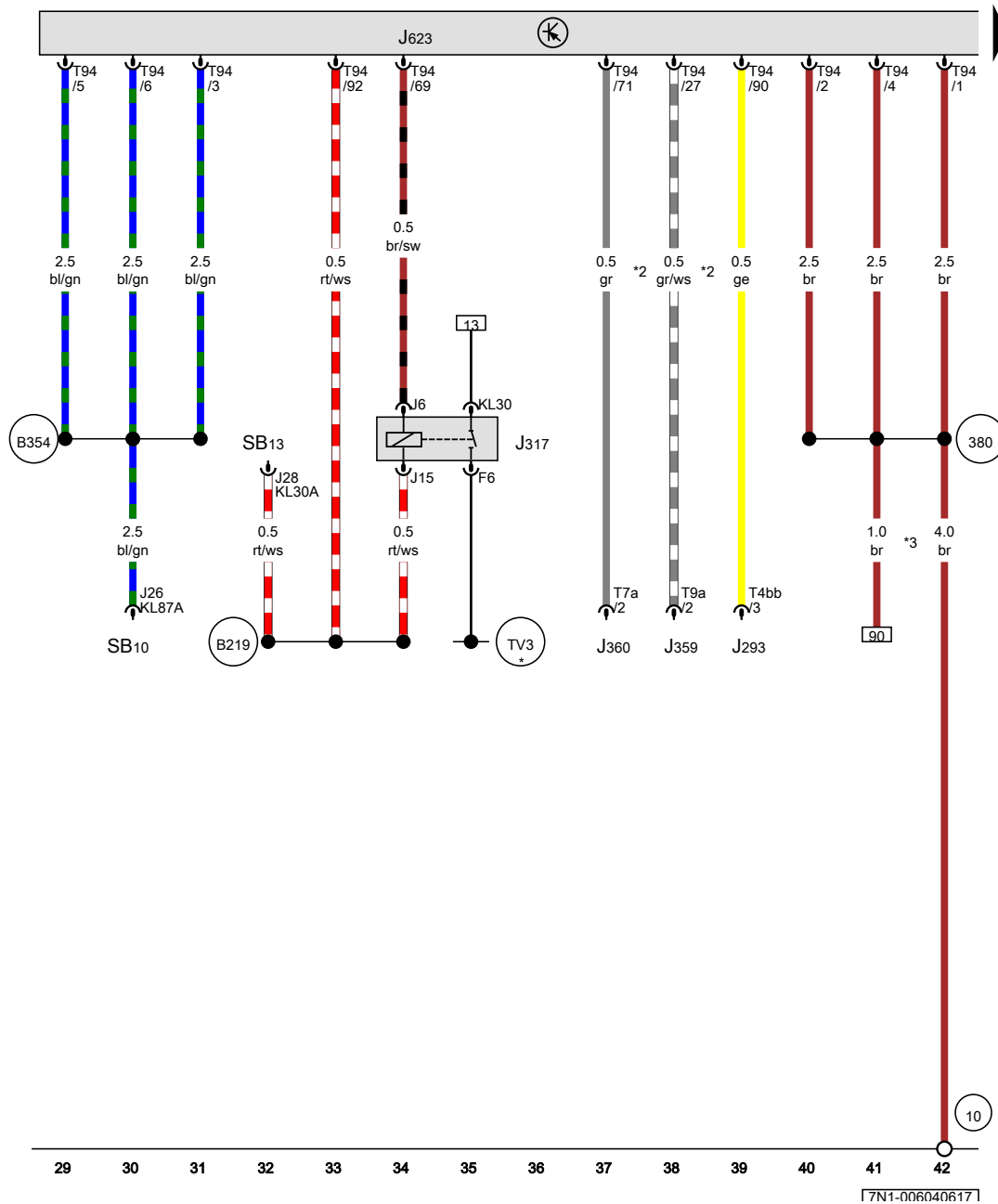
Onboard supply control unit, Voltage stabiliser, Terminal 15 voltage supply relay 2, Starter relay 1, Starter relay 2



[7N1-006030617]

ws = white
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
- J532 Voltage stabiliser
- J681 Terminal 15 voltage supply relay 2
- J906 Starter relay 1
- J907 Starter relay 2
- SC1 Fuse 1 on fuse holder C
- SB1 Fuse 1 on fuse holder B
- SC4 Fuse 4 on fuse holder C
- SB27 Fuse 27 on fuse holder B
- T7c 7-pin connector
- T10k 10-pin connector
- T52b 52-pin connector
- T52c 52-pin connector
- 371 Earth connection 6, in main wiring harness
- 688 Earth point 2, on centre tunnel
- B163 Positive connection 1 (15), in interior wiring harness
- B289 Positive connection 13 (15a) in main wiring harness
- B660 Connection (diagnosis terminal 50), in main wiring harness



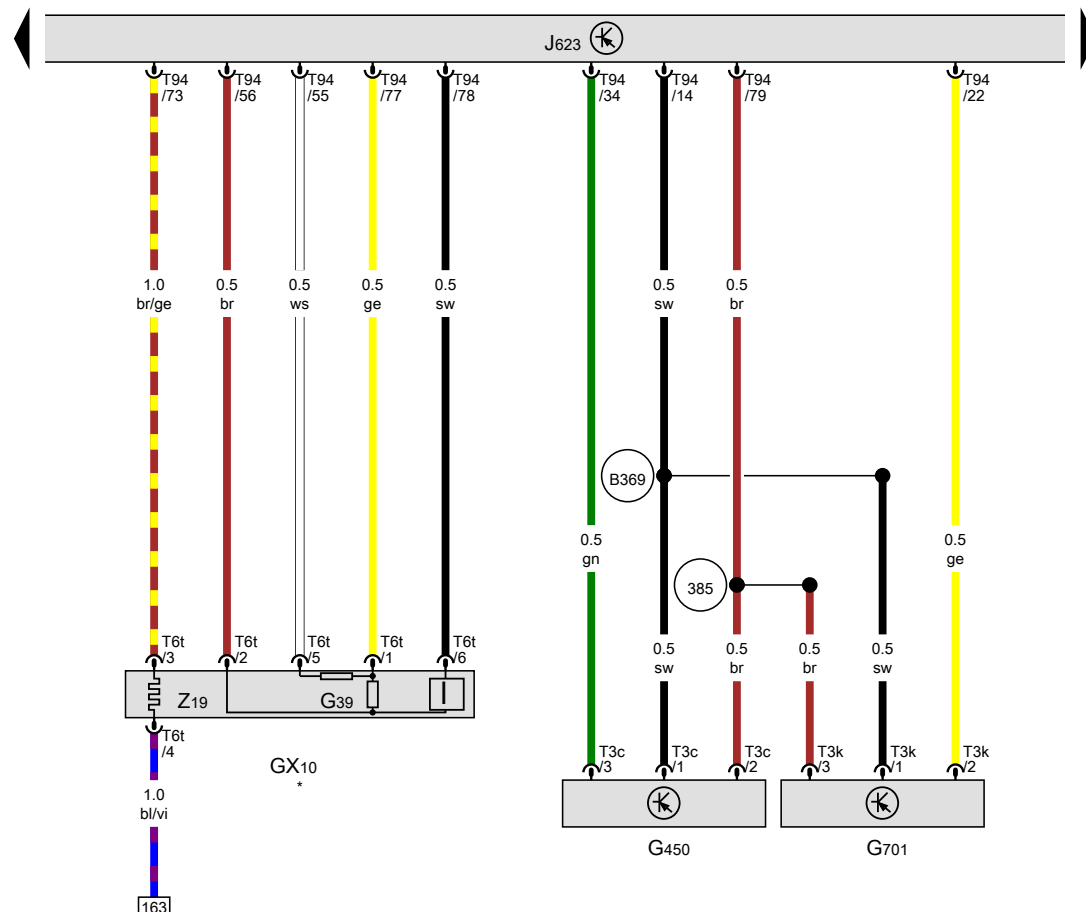
Terminal 30 voltage supply relay, Engine/motor control unit

- J293 Radiator fan control unit
- J317 Terminal 30 voltage supply relay
- J359 Low heat output relay
- J360 High heat output relay
- J623 Engine/motor control unit
- SB10 Fuse 10 on fuse holder B
- SB13 Fuse 13 on fuse holder B
- T4bb 4-pin connector
- T7a 7-pin connector
- T9a 9-pin connector
- T94 94-pin connector

- 10 Earth point, in plenum chamber
- 380 Earth connection 15, in main wiring harness
- B219 Positive connection 4 (30a), in interior wiring harness
- B354 Positive connection 5 (87a) in main wiring harness
- TV3 Terminal 30a wiring junction

- * see applicable current flow diagram for fuse assignment
- *2 For models with auxiliary air 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



Lambda probe 1 before catalytic converter, Exhaust gas pressure sensor 1, Gearbox neutral position sender, Engine/motor control unit

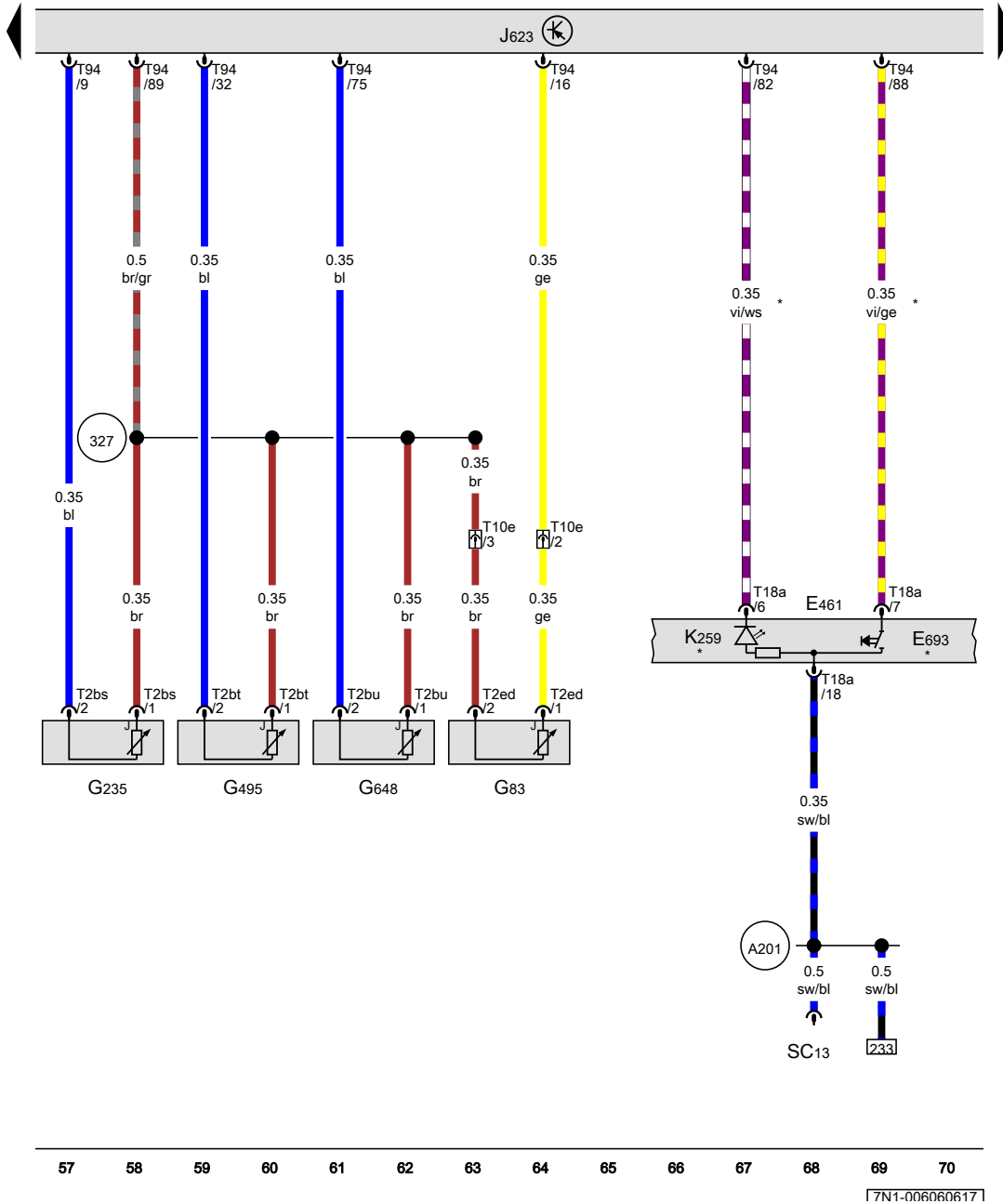
- GX10 Lambda probe 1 before catalytic converter
- G39 Lambda probe
- G450 Exhaust gas pressure sensor 1
- G701 Gearbox neutral position sender
- J623 Engine/motor control unit
- T3c 3-pin connector
- T3k 3-pin connector
- T6t 6-pin connector
- T94 94-pin connector
- Z19 Lambda probe heater

385 Earth connection 20, in main wiring harness

B369 Connection 1 (5V), 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



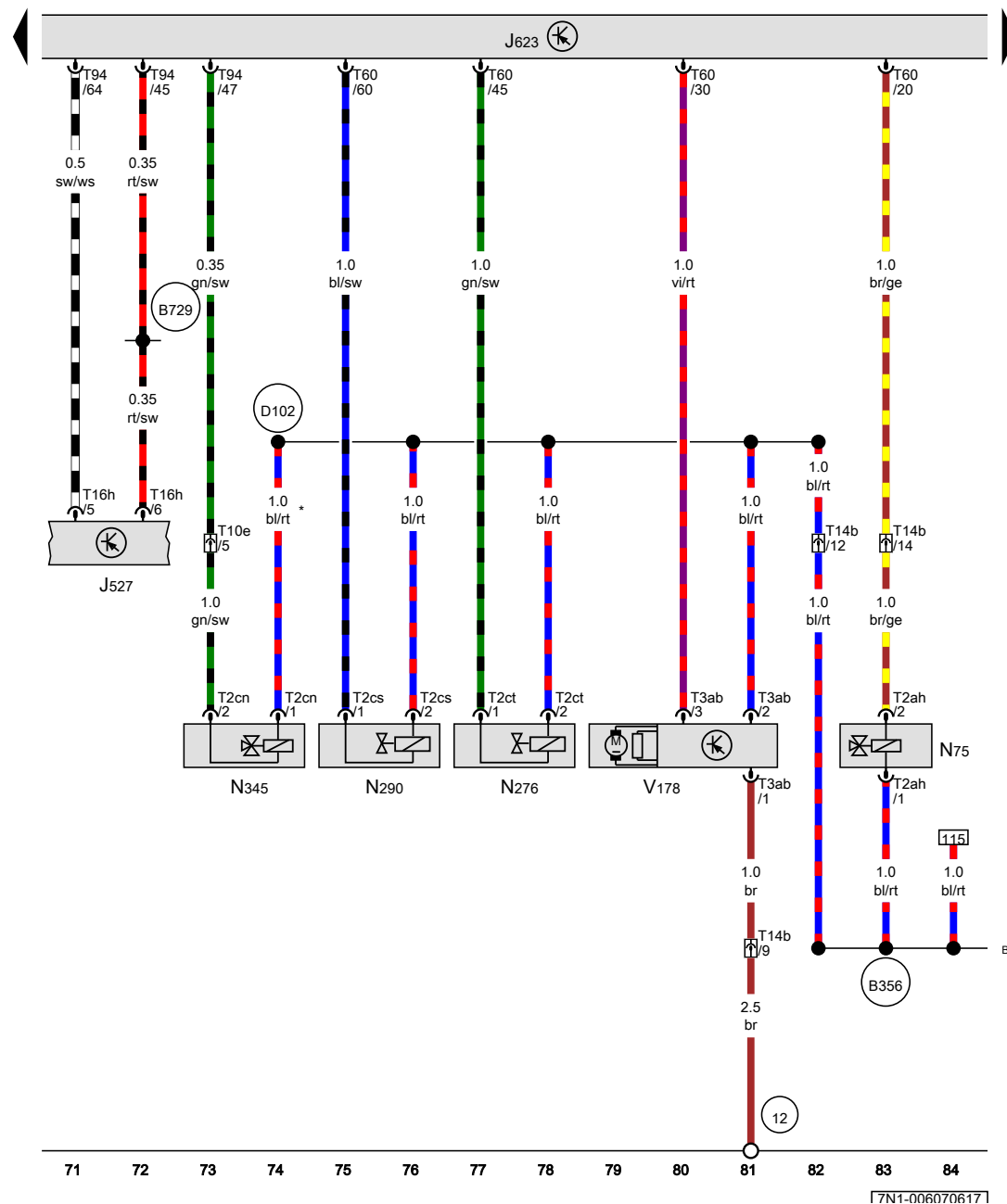
Operating unit in front of centre console, Start/Stop operation button, Radiator outlet coolant temperature sender, Exhaust gas temperature sender 1, Exhaust gas temperature sender 3, Exhaust gas temperature sender 4, Engine/motor control unit

- E461 Operating unit in front of centre console
- E693 Start/Stop operation button
- G83 Radiator outlet coolant temperature sender
- G235 Exhaust gas temperature sender 1
- G495 Exhaust gas temperature sender 3
- G648 Exhaust gas temperature sender 4
- J623 Engine/motor control unit
- K259 Start/Stop operation warning lamp
- SC13 Fuse 13 on fuse holder C
- T2bs 2-pin connector
- T2bt 2-pin connector
- T2bu 2-pin connector
- T2ed 2-pin connector
- T10e 10-pin connector
- T18a 18-pin connector
- T94 94-pin connector

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

A201 Positive connection 6 (15a) in dash panel wiring harness

* According to equipment

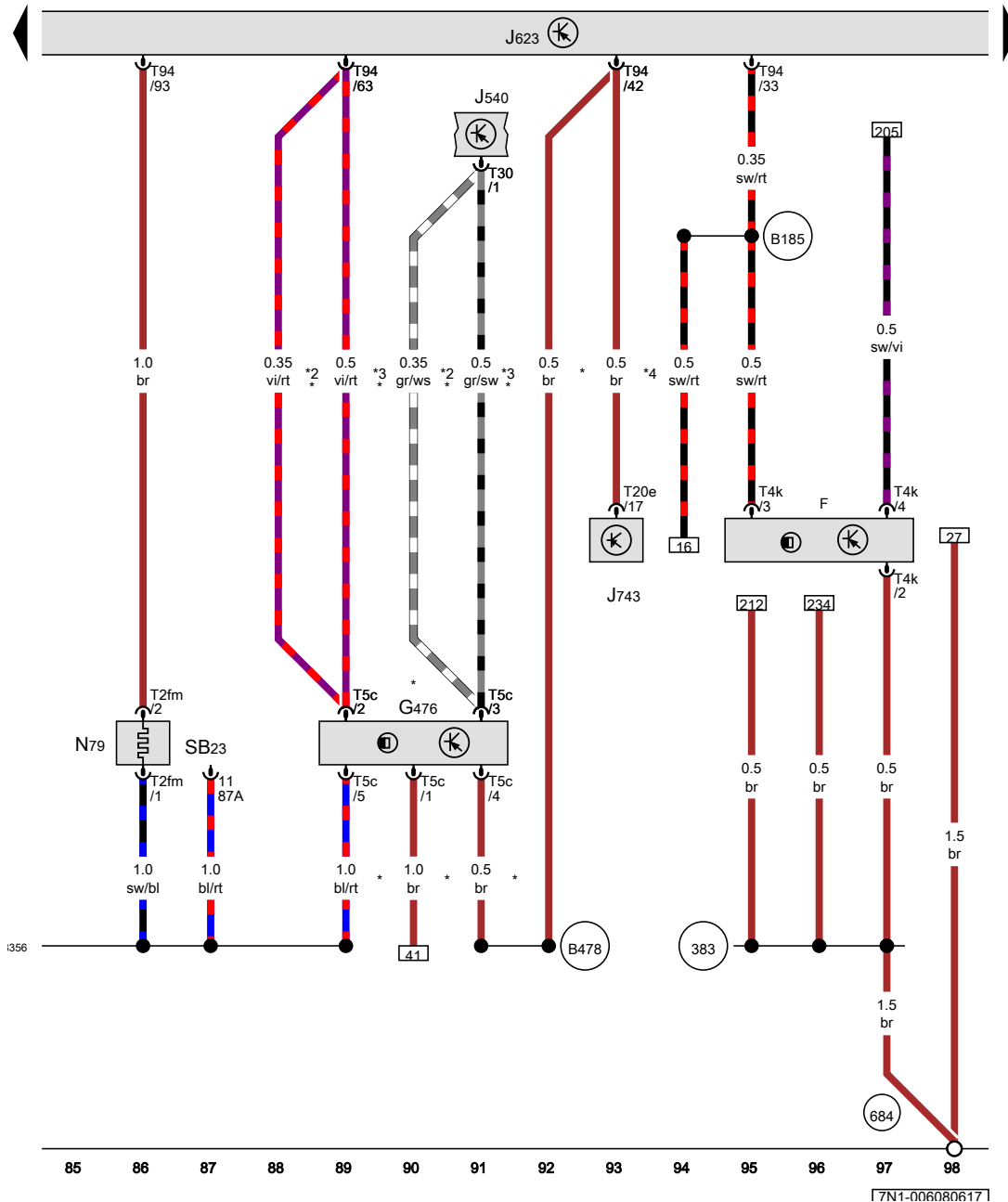


Steering column electronics control unit, Engine/motor control unit, Charge pressure control solenoid valve, Fuel pressure regulating valve, Fuel metering valve, Exhaust gas recirculation cooler changeover valve, Coolant circulation pump 2

- J527 Steering column electronics control unit
- J623 Engine/motor control unit
- N75 Charge pressure control solenoid valve
- N276 Fuel pressure regulating valve
- N290 Fuel metering valve
- N345 Exhaust gas recirculation cooler changeover valve
- T2ah 2-pin connector
- T2cn 2-pin connector
- T2cs 2-pin connector
- T2ct 2-pin connector
- T3ab 3-pin connector
- T10e 10-pin connector
- T14b 14-pin connector
- T16h 16-pin connector
- T60 60-pin connector
- T94 94-pin connector
- V178 Coolant circulation pump 2

- 12 Earth point, on left in engine compartment
- B356 Positive connection 7 (87a) in main wiring harness
- B729 Connection 1 (50), in main wiring harness
- D102 Connection 2 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

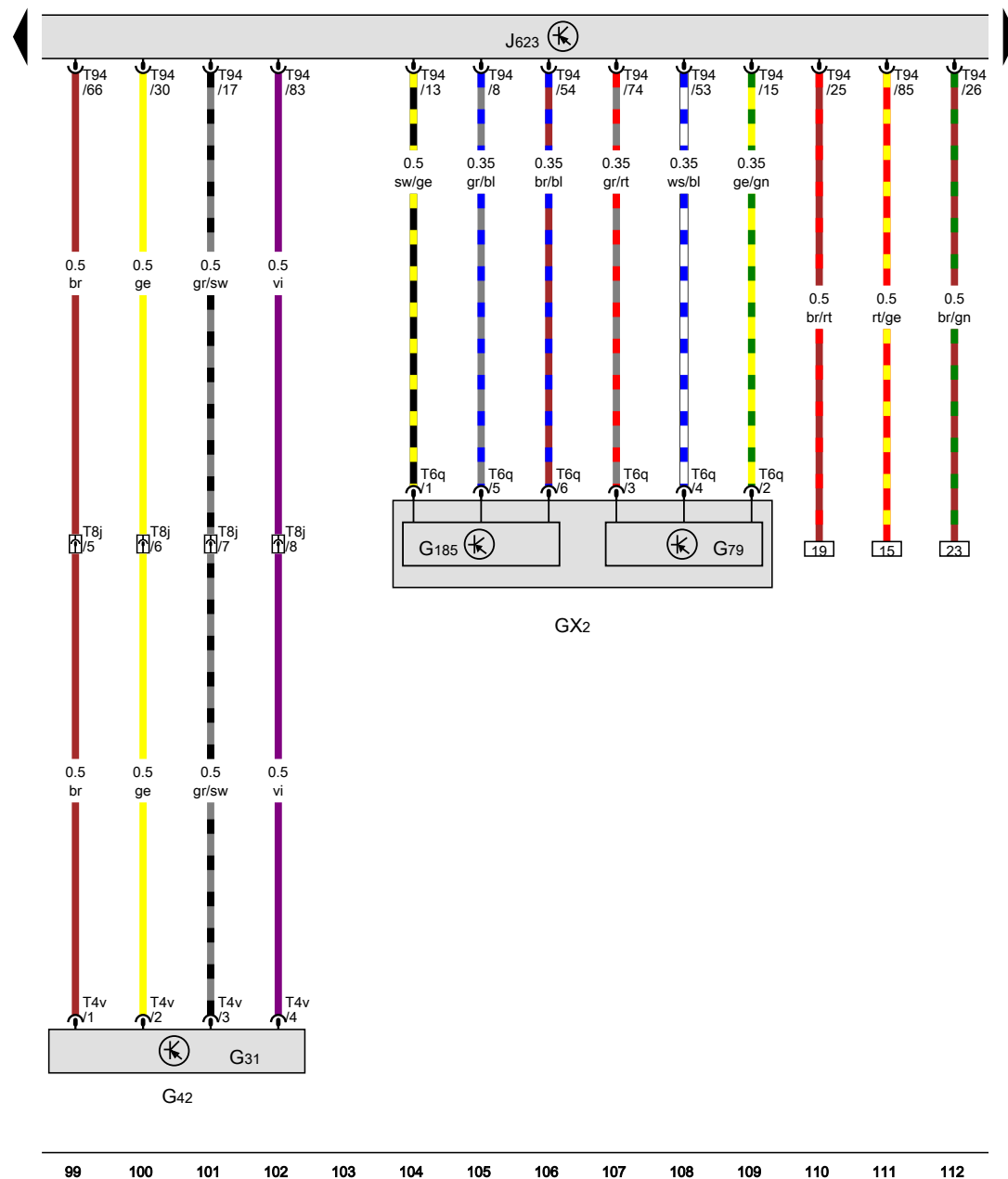


Brake light switch, Clutch position sender, Engine/motor control unit

- F Brake light switch
- G476 Clutch position sender
- J540 Control unit for electromechanical parking brake
- J623 Engine/motor control unit
- J743 Mechatronic unit for dual clutch gearbox
- N79 Heater element for crankcase breather
- SB23 Fuse 23 on fuse holder B
- T2fm 2-pin connector
- T4k 4-pin connector
- T5c 5-pin connector
- T20e 20-pin connector
- T30 30-pin connector
- T94 94-pin connector

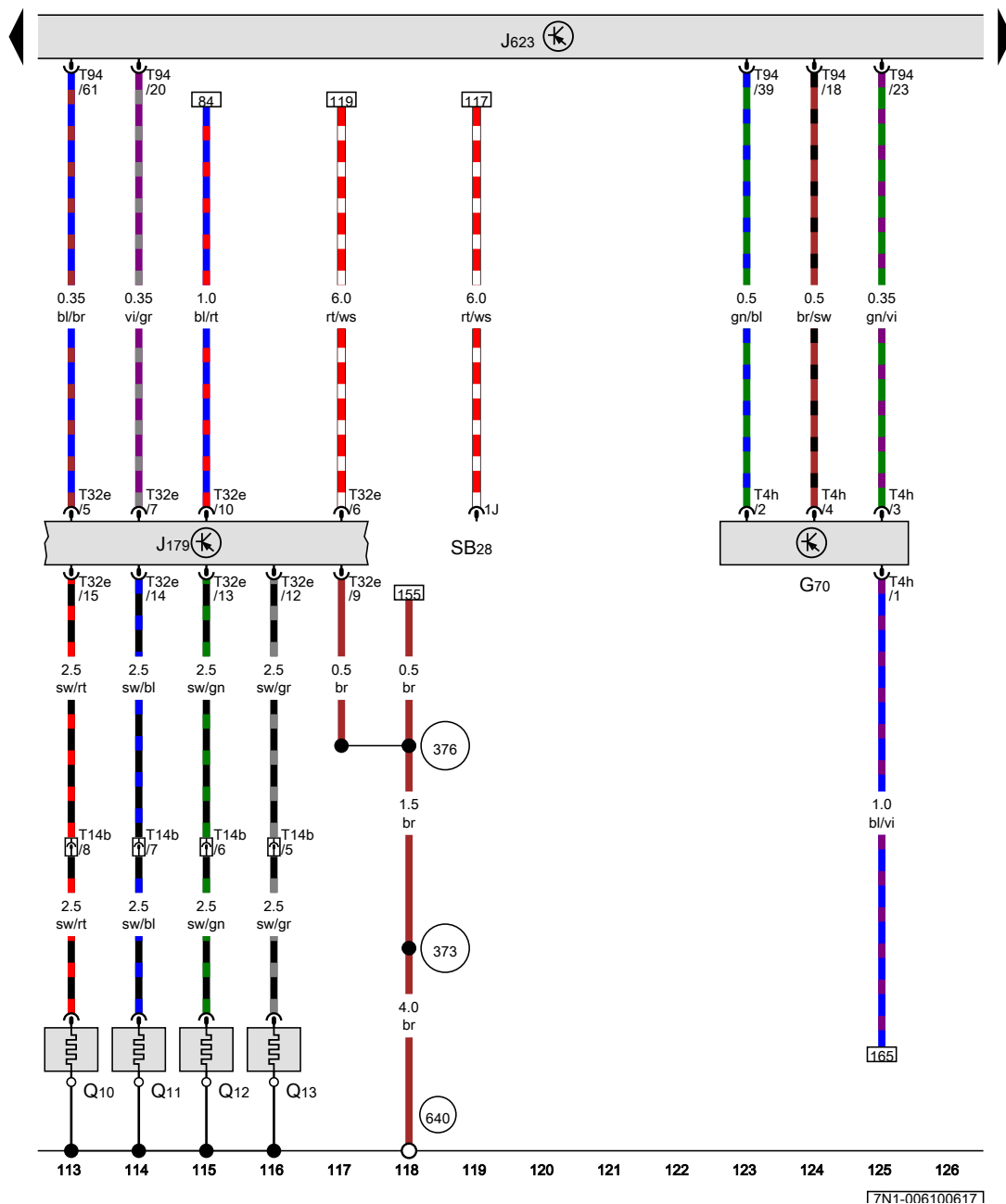
- 383 Earth connection 18, in main wiring harness
- 684 Earth point on front of left side member
- B185 Connection 2 (54), in interior wiring harness
- B356 Positive connection 7 (87a) in main wiring harness
- B478 Connection 14, in main wiring harness
- * For models with manual gearbox
- *2 For left-hand drive models
- *3 For right-hand drive models
- *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



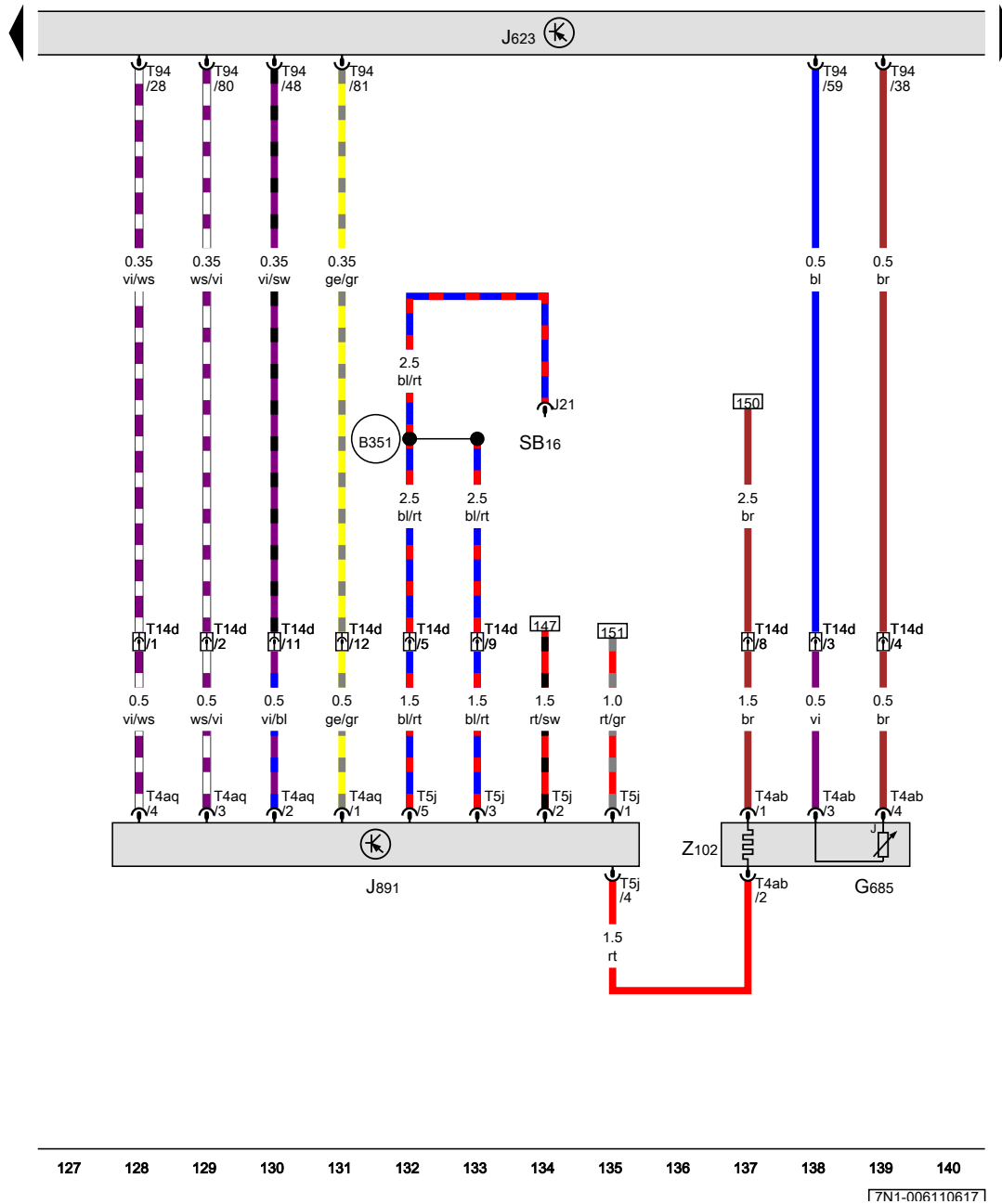
Accelerator pedal module, Intake air temperature sender, Accelerator position sender, Accelerator position sender 2, Engine/motor control unit

- GX2 Accelerator pedal module
- G31 Charge pressure sender
- G42 Intake air temperature sender
- G79 Accelerator position sender
- G185 Accelerator position sender 2
- J623 Engine/motor control unit
- T4v 4-pin connector
- T6q 6-pin connector
- T8j 8-pin connector
- T94 94-pin connector



Air mass meter, Automatic glow period control unit, Engine/motor control unit, Glow plug 1, Glow plug 2, Glow plug 3, Glow plug 4

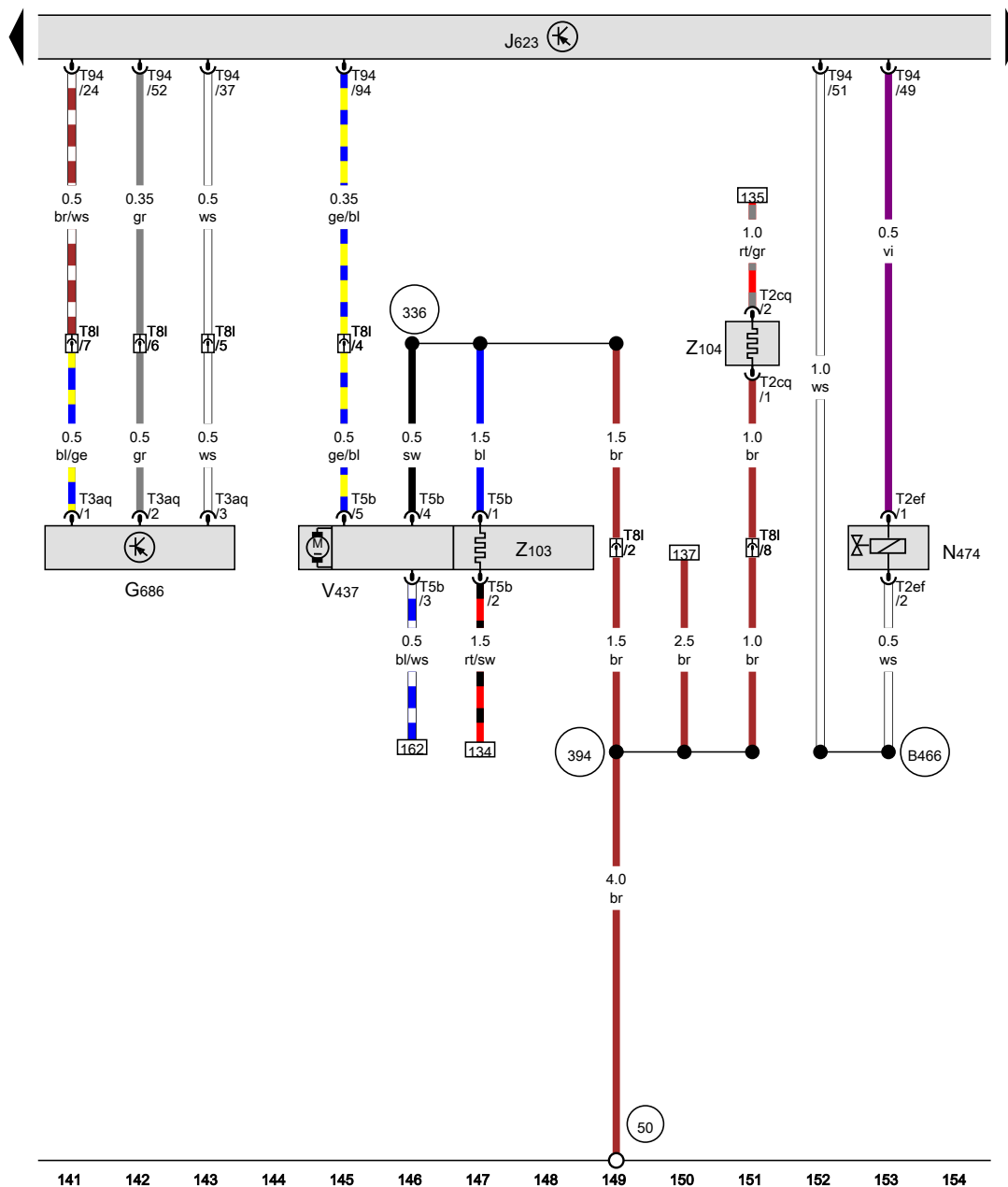
- G70 Air mass meter
- J179 Automatic glow period control unit
- J623 Engine/motor control unit
- Q10 Glow plug 1
- Q11 Glow plug 2
- Q12 Glow plug 3
- Q13 Glow plug 4
- SB28 Fuse 28 on fuse holder B
- T4h 4-pin connector
- T14b 14-pin connector
- T32e 32-pin connector
- T94 94-pin connector
- 373 Earth connection 8, in main wiring harness
- 376 Earth connection 11, in main wiring harness
- 640 Earth point 2, left in engine compartment



Temperature sender for reducing agent, Engine/motor control unit, Control unit for reducing agent heater, Heater for reducing agent tank (heater circuit 1)

- G685 Temperature sender for reducing agent
- J623 Engine/motor control unit
- J891 Control unit for reducing agent heater
- SB16 Fuse 16 on fuse holder B
- T4ab 4-pin connector
- T4aq 4-pin connector, black
- T5j 5-pin connector, black
- T14d 14-pin connector
- T94 94-pin connector
- Z102 Heater for reducing agent tank (heater circuit 1)
- B351 Positive connection 2 (87a) 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

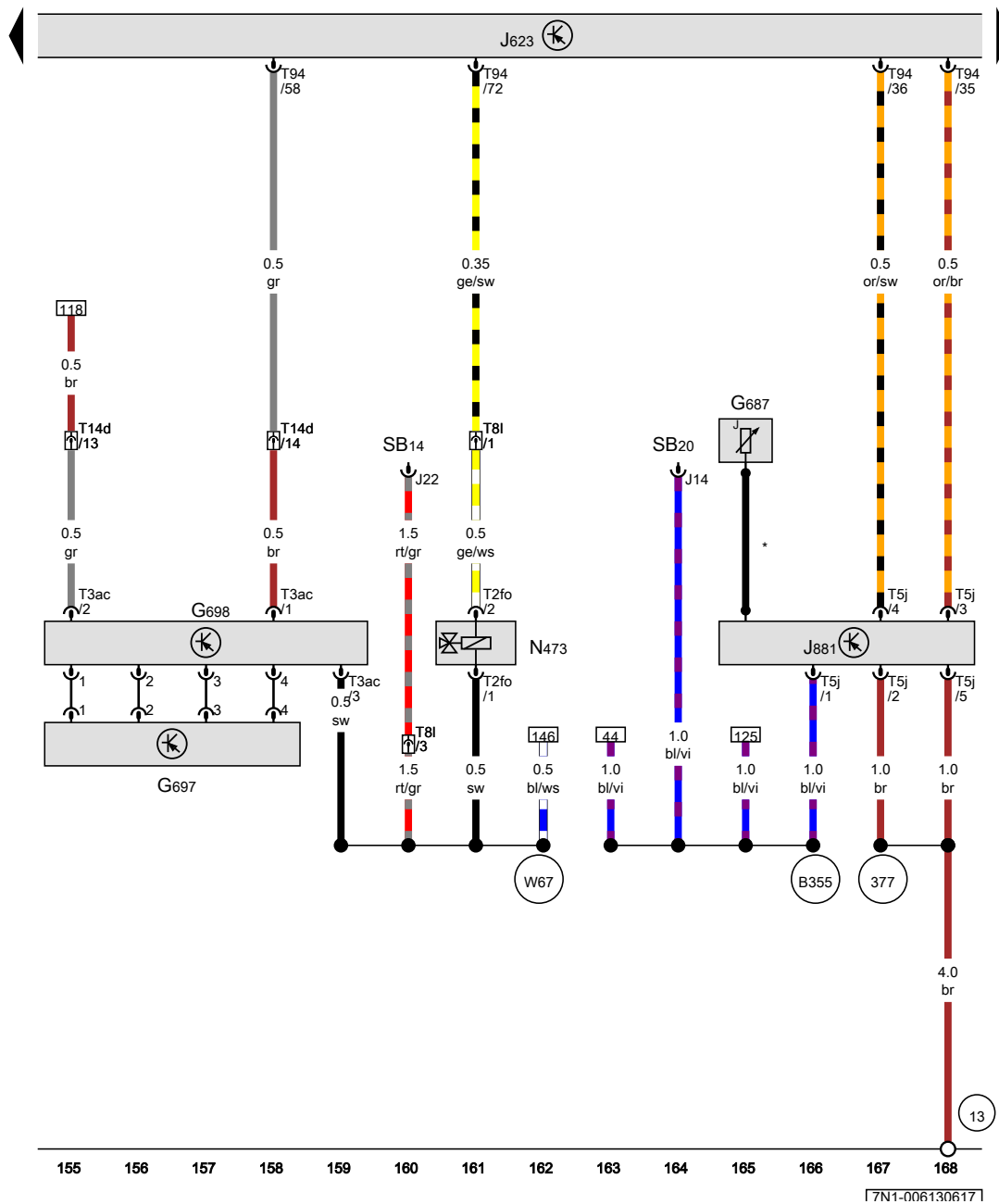


Pressure sender for reducing agent metering system,
Engine/motor control unit, Injector for reducing agent, Pump
for reducing agent, Heater for reducing agent pump (heater
circuit 2)

- G686 Pressure sender for reducing agent metering system
- J623 Engine/motor control unit
- N474 Injector for reducing agent
- T2cq 2-pin connector
- T2ef 2-pin connector
- T3aq 3-pin connector
- T5b 5-pin connector, brown
- T8I 8-pin connector
- T94 94-pin connector
- V437 Pump for reducing agent
- Z103 Heater for reducing agent pump (heater circuit 2)
- Z104 Heater for reducing agent line (heater circuit 2)

- 50 Earth point, on left in luggage compartment
- 336 Earth connection 1, in floor wiring harness
- 394 Earth connection 29, in main wiring harness
- B466 Connection 2, 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

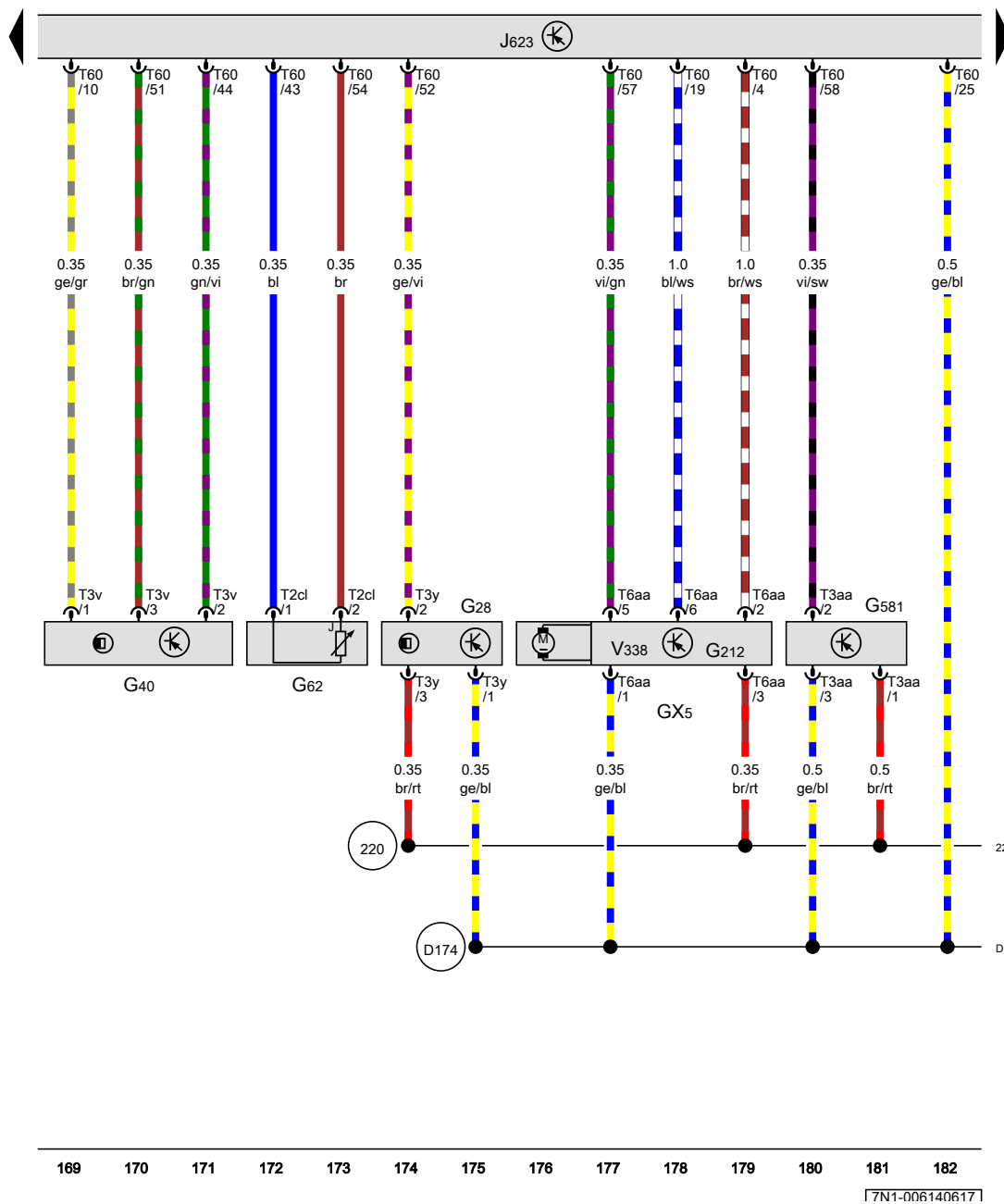


NOx sender 2, Reducing agent level sender, Evaluation unit for reducing agent level, Engine/motor control unit, Control unit for NOx sender 2, Reversing valve for reducing agent

- G687 NOx sender 2
- G697 Reducing agent level sender
- G698 Evaluation unit for reducing agent level
- J623 Engine/motor control unit
- J881 Control unit for NOx sender 2
- N473 Reversing valve for reducing agent
- SB14 Fuse 14 on fuse holder B
- SB20 Fuse 20 on fuse holder B
- T2fo 2-pin connector
- T3ac 3-pin connector
- T5j 5-pin connector
- T8l 8-pin connector
- T14d 14-pin connector
- T94 94-pin connector

- 13 Earth point, on right in engine compartment
- 377 Earth connection 12, in main wiring harness
- B355 Positive connection 6 (87a) in main wiring harness
- W67 Connection (87), in floor wiring harness
- * 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

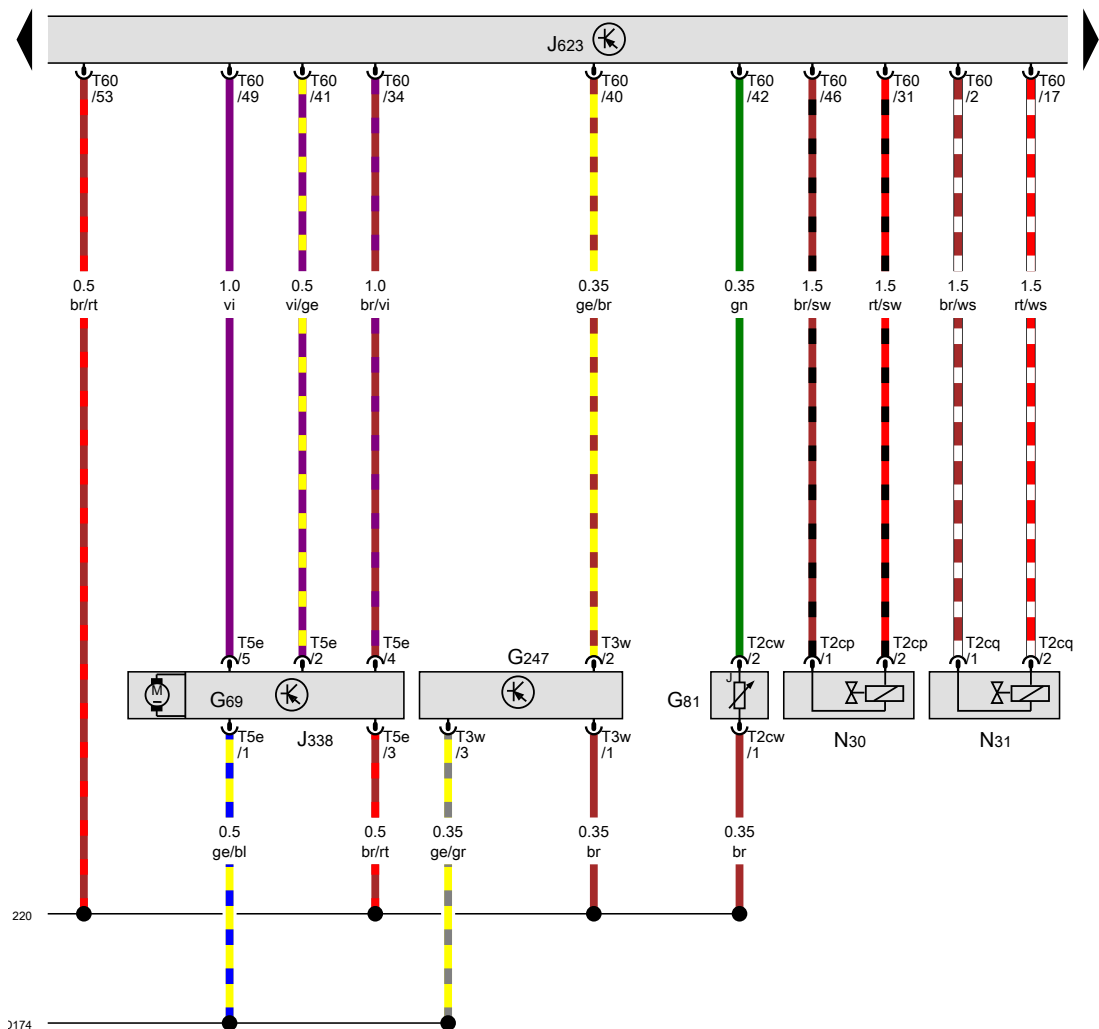


Exhaust gas recirculation valve 1, Engine speed sender, Hall sender, Coolant temperature sender, Exhaust gas recirculation potentiometer, Position sender for charge pressure positioner, Engine/motor control unit, Exhaust gas recirculation control motor

- GX5 Exhaust gas recirculation valve 1
- G28 Engine speed sender
- G40 Hall sender
- G62 Coolant temperature sender
- G212 Exhaust gas recirculation potentiometer
- G581 Position sender for charge pressure positioner
- J623 Engine/motor control unit
- T2cl 2-pin connector
- T3aa 3-pin connector
- T3v 3-pin connector
- T3y 3-pin connector
- T6aa 6-pin connector
- T60 60-pin connector
- V338 Exhaust gas recirculation control motor

220 Earth connection (sender earth), in engine wiring harness

D174 Connection 2 (5V) in engine prewiring harness



Throttle valve potentiometer, Fuel temperature sender, Fuel pressure sender, Throttle valve module, Engine/motor control unit, Injector, cylinder 1, Injector, cylinder 2

- G69 Throttle valve potentiometer
- G81 Fuel temperature sender
- G247 Fuel pressure sender
- J338 Throttle valve module
- J623 Engine/motor control unit
- N30 Injector, cylinder 1
- N31 Injector, cylinder 2
- T2cp 2-pin connector
- T2cq 2-pin connector
- T2cw 2-pin connector
- T3w 3-pin connector
- T5e 5-pin connector
- T60 60-pin connector

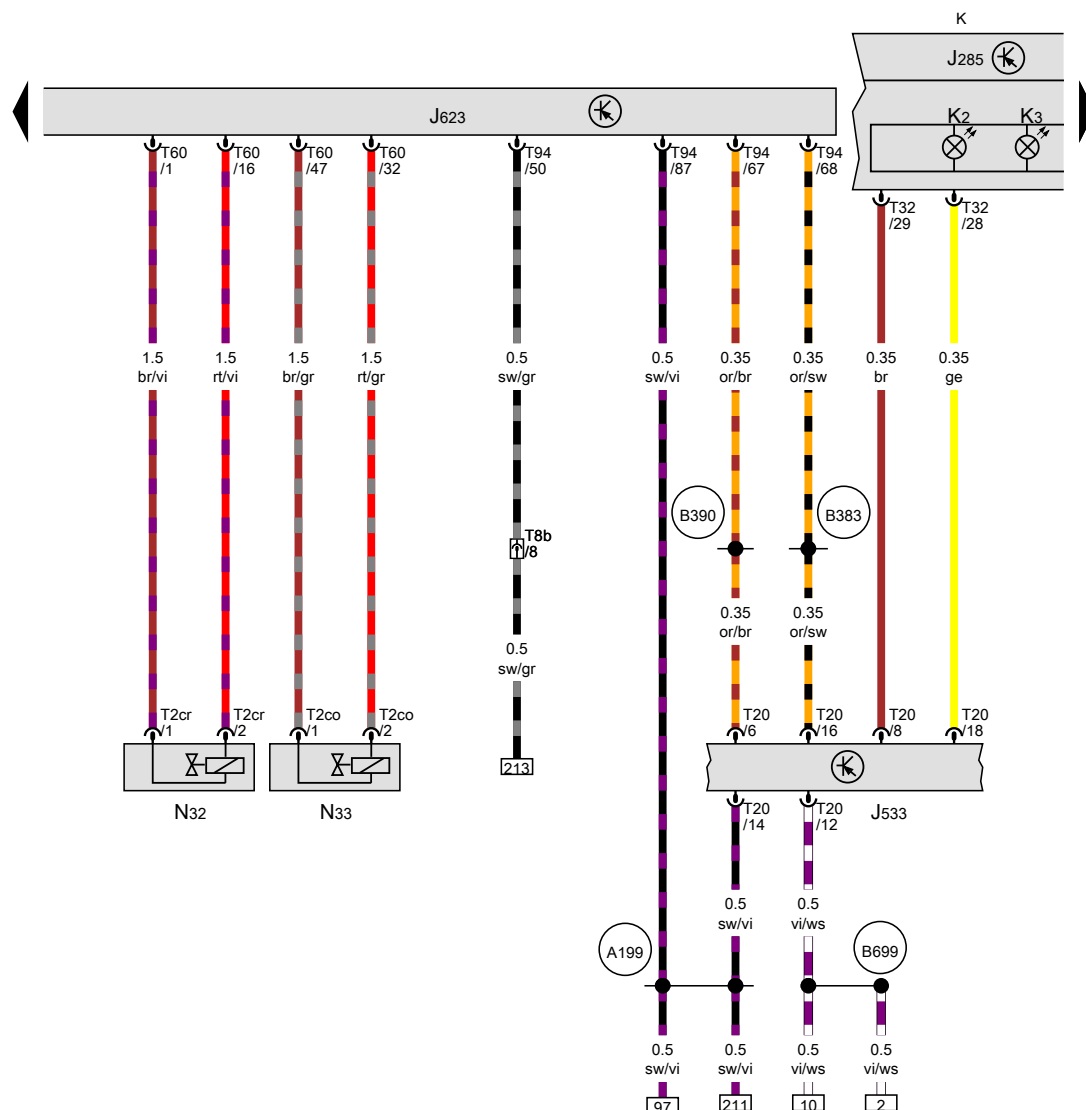
220 Earth connection (sender earth), in engine wiring harness

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

183 184 185 186 187 188 189 190 191 192 193 194 195 196

[7N1-006150617]

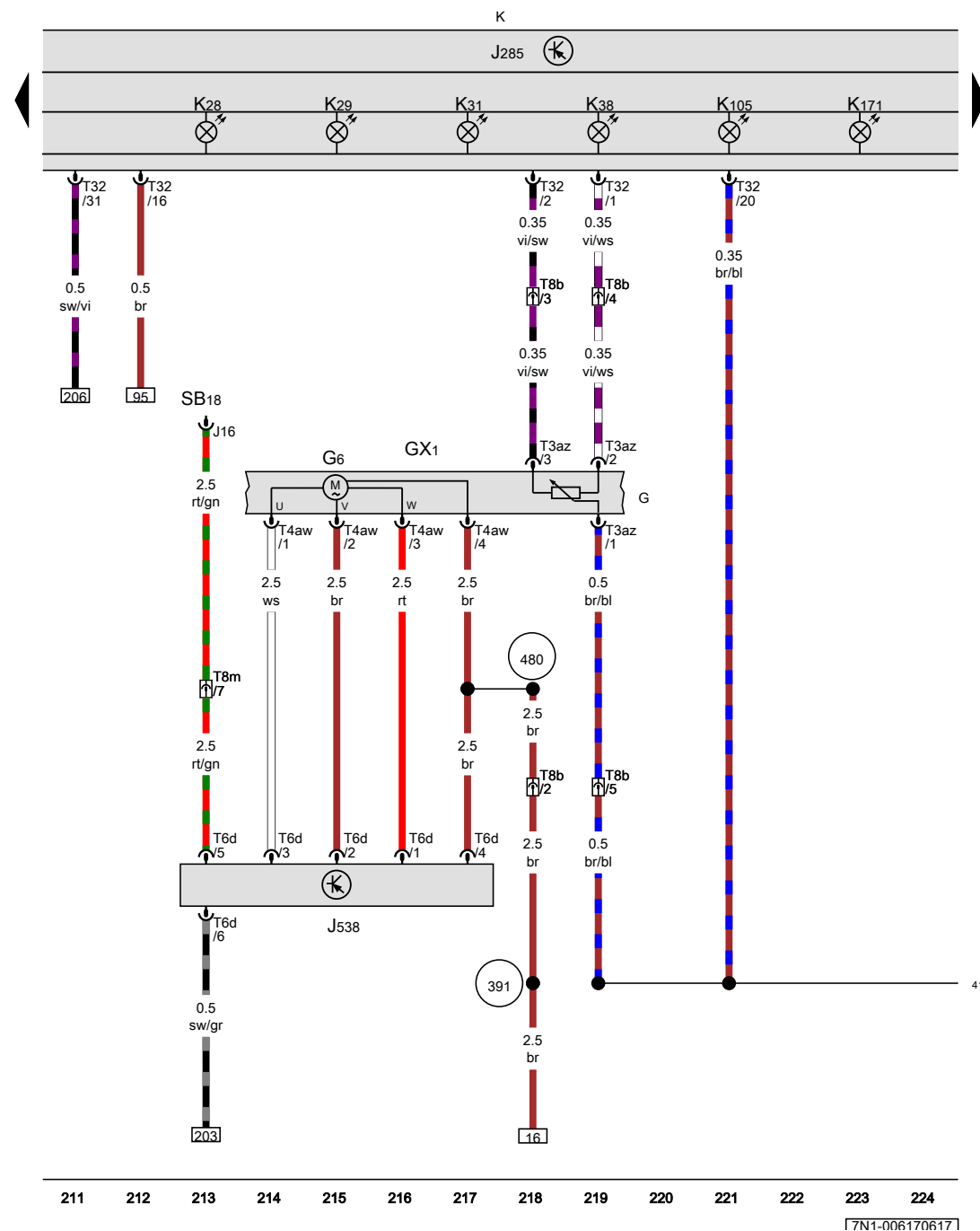


Control unit in dash panel insert, Data bus diagnostic interface, Engine/motor control unit, Dash panel insert, Injector, cylinder 3, Injector, cylinder 4

- J285 Control unit in dash panel insert
- J533 Data bus diagnostic interface
- J623 Engine/motor control unit
- K Dash panel insert
- K2 Alternator warning lamp
- K3 Oil pressure warning lamp
- N32 Injector, cylinder 3
- N33 Injector, cylinder 4
- T2co 2-pin connector
- T2cr 2-pin connector
- T8b 8-pin connector
- T20 20-pin connector
- T32 32-pin connector
- T60 60-pin connector
- T94 94-pin connector

- A199 Positive connection 4 (15a) in dash panel wiring harness
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- B699 Connection 4 (LIN bus) in main wiring harness

- 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

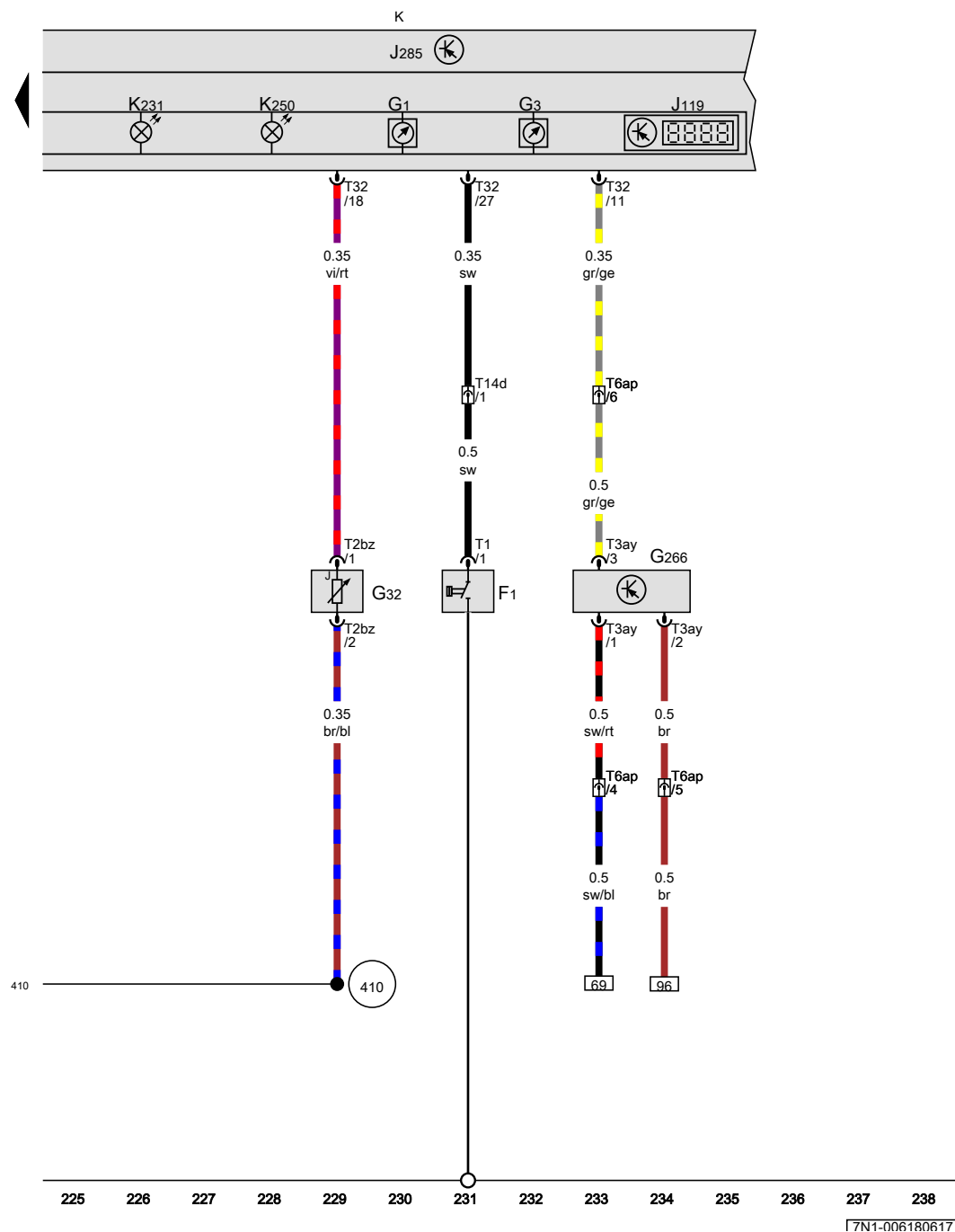


Fuel delivery unit, Control unit in dash panel insert, Fuel pump control unit, Dash panel insert

- G Fuel gauge sender
- GX1 Fuel delivery unit
- G6 Fuel system pressurisation pump
- J285 Control unit in dash panel insert
- J538 Fuel pump control unit
- K Dash panel insert
- K28 Coolant temperature and coolant shortage warning lamp
- K29 Glow period warning lamp
- K31 Cruise control system warning lamp
- K38 Oil level warning lamp
- K105 Reserve fuel warning lamp
- K171 Bonnet open warning lamp
- SB18 Fuse 18 on fuse holder B
- T3az 3-pin connector
- T4aw 4-pin connector
- T6d 6-pin connector
- T8b 8-pin connector
- T8m 8-pin connector
- T32 32-pin connector

- 391 Earth connection 26, in main wiring harness
- 410 Earth connection 1 (sender earth) in main wiring harness
- 480 Earth connection, in fuel tank 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, Coolant shortage indicator sender, Oil level and oil temperature sender, Control unit in dash panel insert, Dash panel insert

- F1 Oil pressure switch
- G1 Fuel gauge
- G3 Coolant temperature gauge
- G32 Coolant shortage indicator sender
- G266 Oil level and oil temperature sender
- J119 Multifunction indicator
- J285 Control unit in dash panel insert
- K Dash panel insert
- K231 Diesel particulate filter warning lamp
- K250 Warning lamp for hill descent control
- T1 1-pin connector
- T2bz 2-pin connector
- T3ay 3-pin connector
- T6ap 6-pin connector
- T14d 14-pin connector
- T32 32-pin connector
- 410 Earth connection 1 (sender earth) 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

Radio system

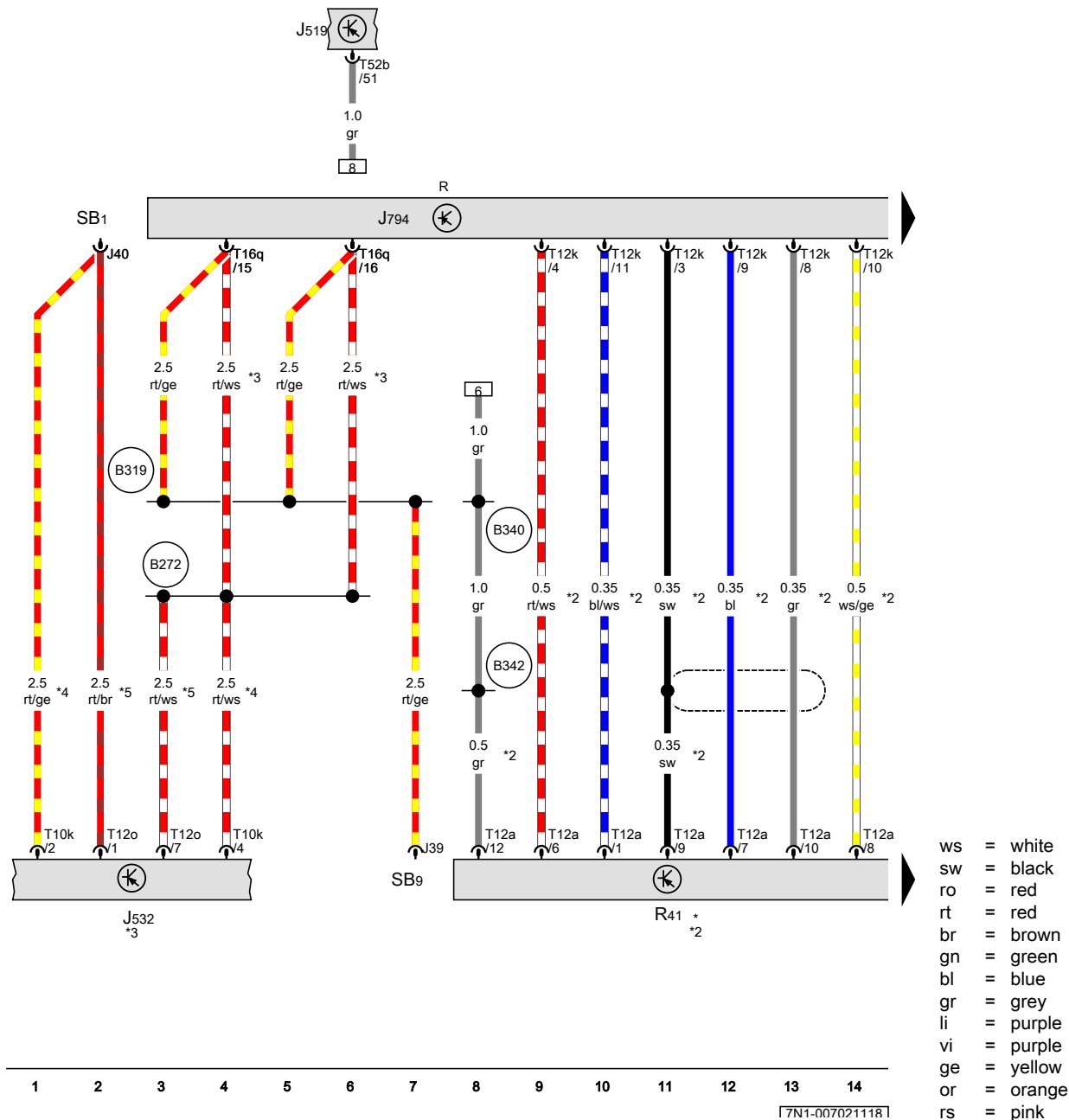
From May 2010

Voltage stabiliser, Control unit 1 for information electronics,
Radio, CD changer

- J519 Onboard supply control unit
- J532 Voltage stabiliser
- J794 Control unit 1 for information electronics
- R Radio
- R41 CD changer
- SB1 Fuse 1 on fuse holder B
- SB9 Fuse 9 on fuse holder B
- T10k 10-pin connector
- T12a 12-pin connector
- T12k 12-pin connector, blue
- T12o 12-pin connector
- T16q 16-pin connector, black
- T52b 52-pin connector

- B272 Positive connection (30), in main wiring harness
- B319 Positive connection 5 (30a) in main wiring harness
- B340 Connection 1 (58d), in main wiring harness
- B342 Connection 3 (58d), in main wiring harness

- * According to equipment
- *2 Up to May 2015
- *3 For models with start/stop system
- *4 Up to May 2011
- *5 From May 2011



Control unit 1 for information electronics, Radio, Front left treble loudspeaker, Front left bass loudspeaker, Front right treble loudspeaker, Front right bass loudspeaker, CD changer, Connection for external audio sources

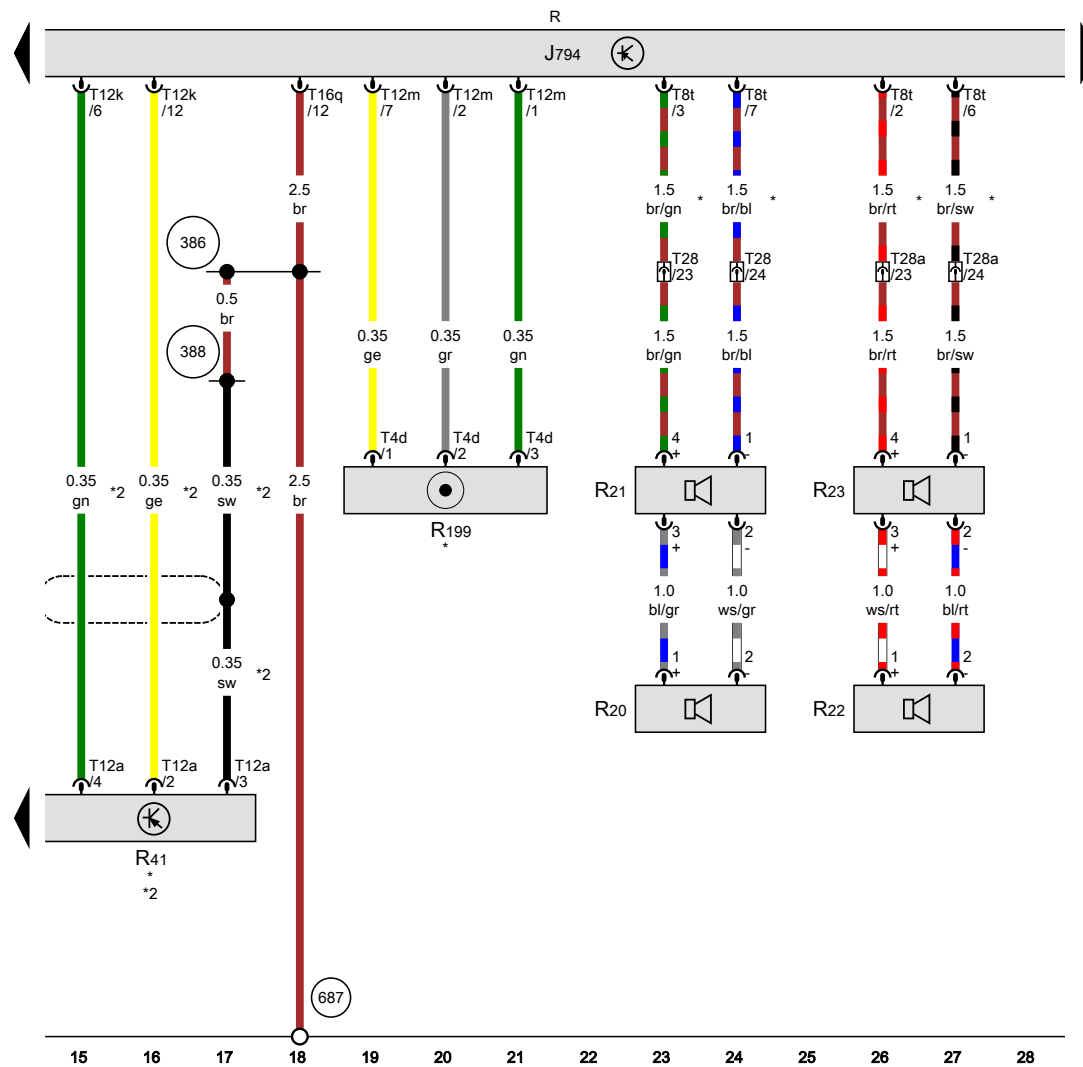
- J794 Control unit 1 for information electronics
- R Radio
- R20 Front left treble loudspeaker
- R21 Front left bass loudspeaker
- R22 Front right treble loudspeaker
- R23 Front right bass loudspeaker
- R41 CD changer
- R199 Connection for external audio sources
- T4d 4-pin connector
- T8t 8-pin connector, black
- T12a 12-pin connector
- T12k 12-pin connector, blue
- T12m 12-pin connector, green
- T16q 16-pin connector, black
- T28 28-pin connector
- T28a 28-pin connector

386 Earth connection 21, in main wiring harness

388 Earth connection 23, in main wiring harness

687 Earth point 1, on centre tunnel

* According to equipment
*2 Up to May 2015



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

[7N1-007031118]

Control unit 1 for information electronics, Radio, Rear left treble loudspeaker, Rear left bass loudspeaker, Rear right treble loudspeaker, Rear right bass loudspeaker

J794 Control unit 1 for information electronics

R Radio

R14 Rear left treble loudspeaker

R15 Rear left bass loudspeaker

R16 Rear right treble loudspeaker

R17 Rear right bass loudspeaker

T8t 8-pin connector, black

T11 11-pin connector

T11a 11-pin connector

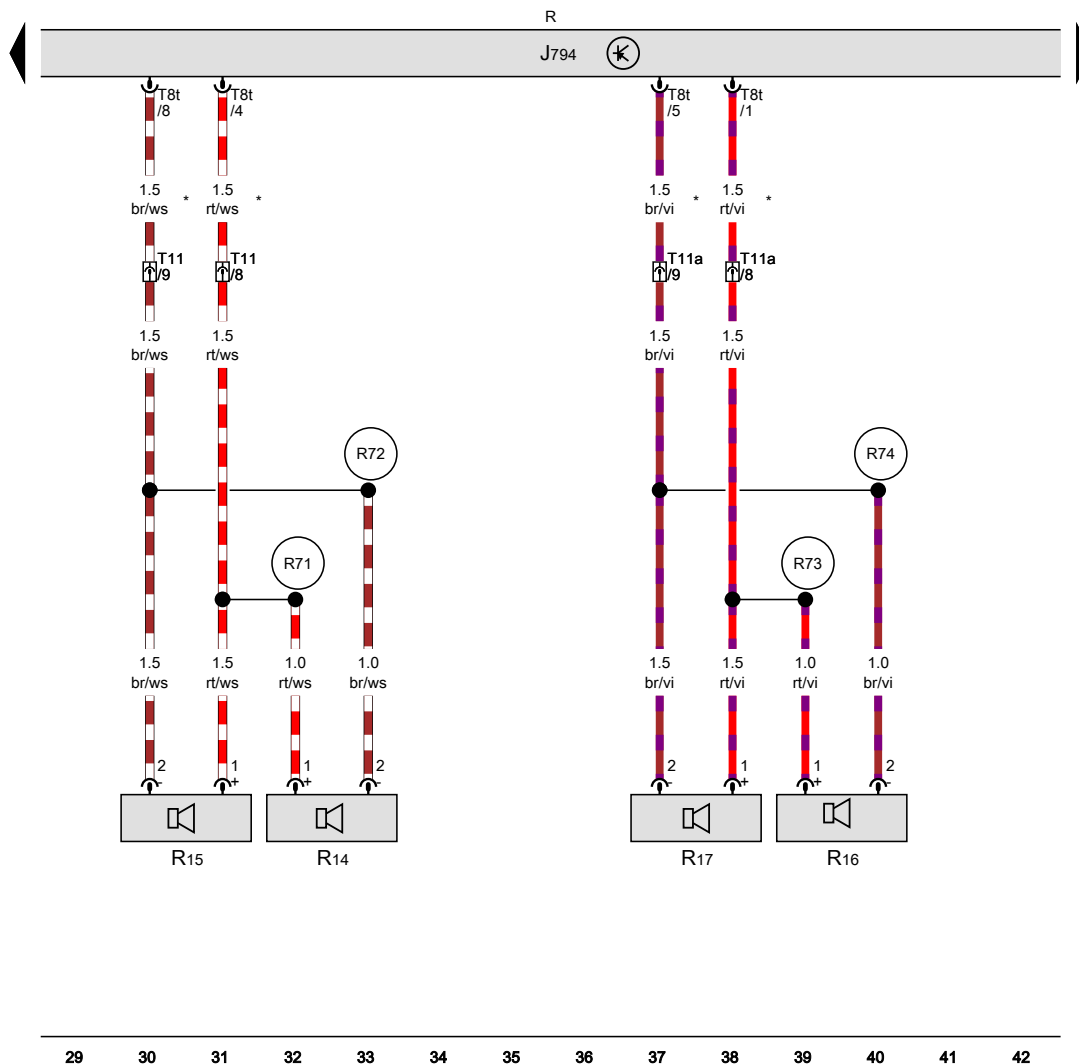
R71 Connection (positive, loudspeaker)), in rear left door wiring harness

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

* According to equipment

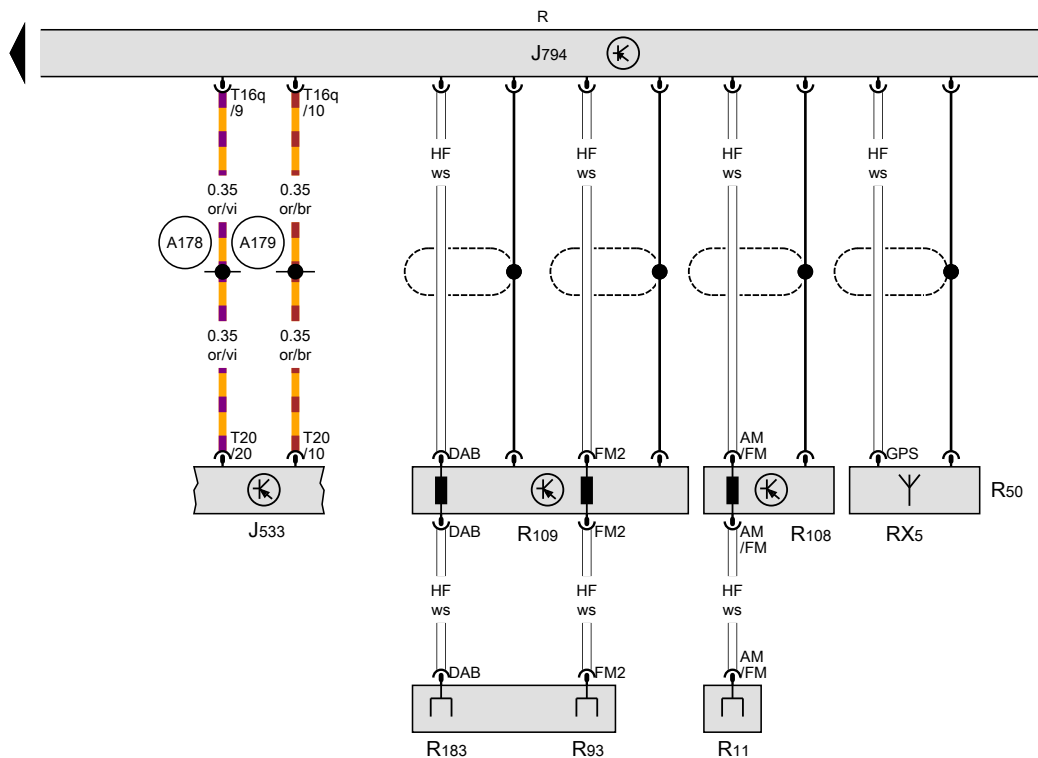


ws = white
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 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

Control unit 1 for information electronics, Radio, Aerial, GPS aerial, Radio aerial 2, Digital radio aerial

- J533 Data bus diagnostic interface
- J794 Control unit 1 for information electronics
- R Radio
- RX5 Roof aerial
- R11 Aerial
- R50 GPS aerial
- R93 Radio aerial 2
- R108 Left aerial module
- R109 Right aerial module
- R183 Digital radio aerial
- T16q 16-pin connector, black
- T20 20-pin connector

- A178 Connection (infotainment CAN bus, high), in dash panel wiring harness
- A179 Connection (infotainment CAN bus, low), in dash panel wiring harness



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

43 44 45 46 47 48 49 50 51 52 53 54 55 56

[7N1-007051118]

Sound system DYNAUDIO

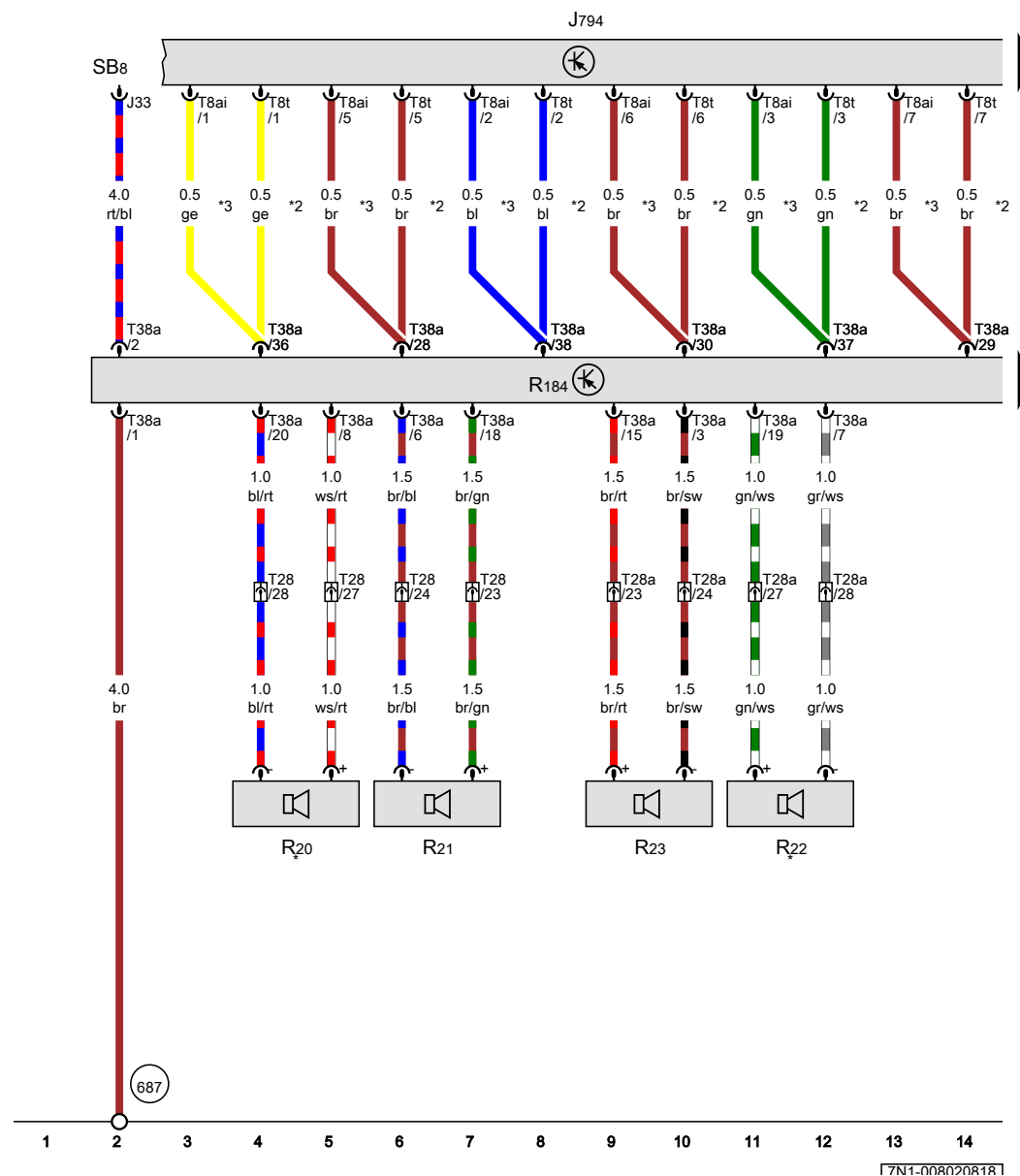
From May 2010

Control unit 1 for information electronics, Front left treble loudspeaker, Front left bass loudspeaker, Front right treble loudspeaker, Front right bass loudspeaker, Digital sound package amplifier

- J794 Control unit 1 for information electronics
- R20 Front left treble loudspeaker
- R21 Front left bass loudspeaker
- R22 Front right treble loudspeaker
- R23 Front right bass loudspeaker
- R184 Digital sound package amplifier, under driver seat
- SB8 Fuse 8 on fuse holder B
- T8ai 8-pin connector, black
- T8t 8-pin connector, black
- T28 28-pin connector
- T28a 28-pin connector
- T38a 38-pin connector

687 Earth point 1, on centre tunnel

- * Pre-wired component
- *2 Up to May 2015
- *3 From May 2015



Control unit 1 for information electronics, Rear left treble loudspeaker, Rear left bass loudspeaker, Rear right treble loudspeaker, Rear right bass loudspeaker, Digital sound package amplifier

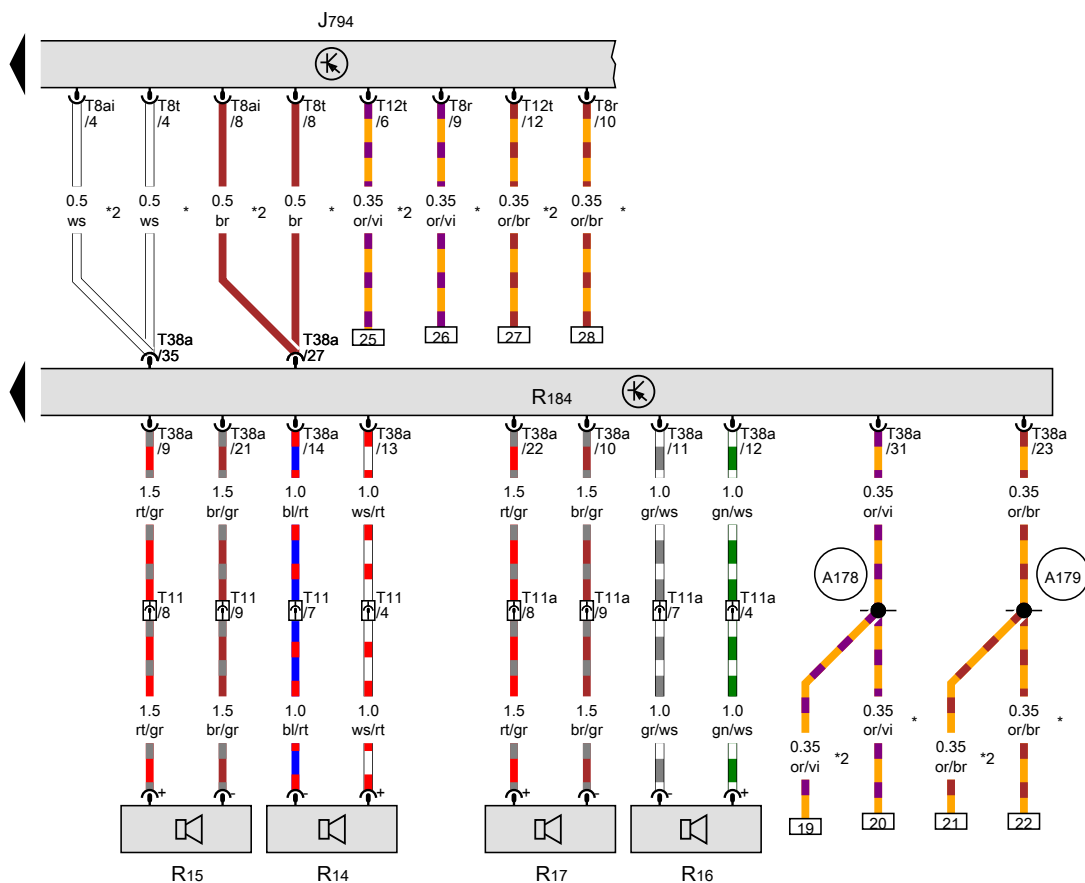
- J794 Control unit 1 for information electronics
- R14 Rear left treble loudspeaker
- R15 Rear left bass loudspeaker
- R16 Rear right treble loudspeaker
- R17 Rear right bass loudspeaker
- R184 Digital sound package amplifier, under driver seat
- T8ai 8-pin connector, black
- T8r 8-pin connector, black
- T8t 8-pin connector, black
- T11 11-pin connector
- T11a 11-pin connector
- T12t 12-pin connector, black
- T38a 38-pin connector

A178 Connection (infotainment CAN bus, high), in dash panel wiring harness

A179 Connection (infotainment CAN bus, low), in dash panel wiring harness

* Up to May 2015

*2 From May 2015



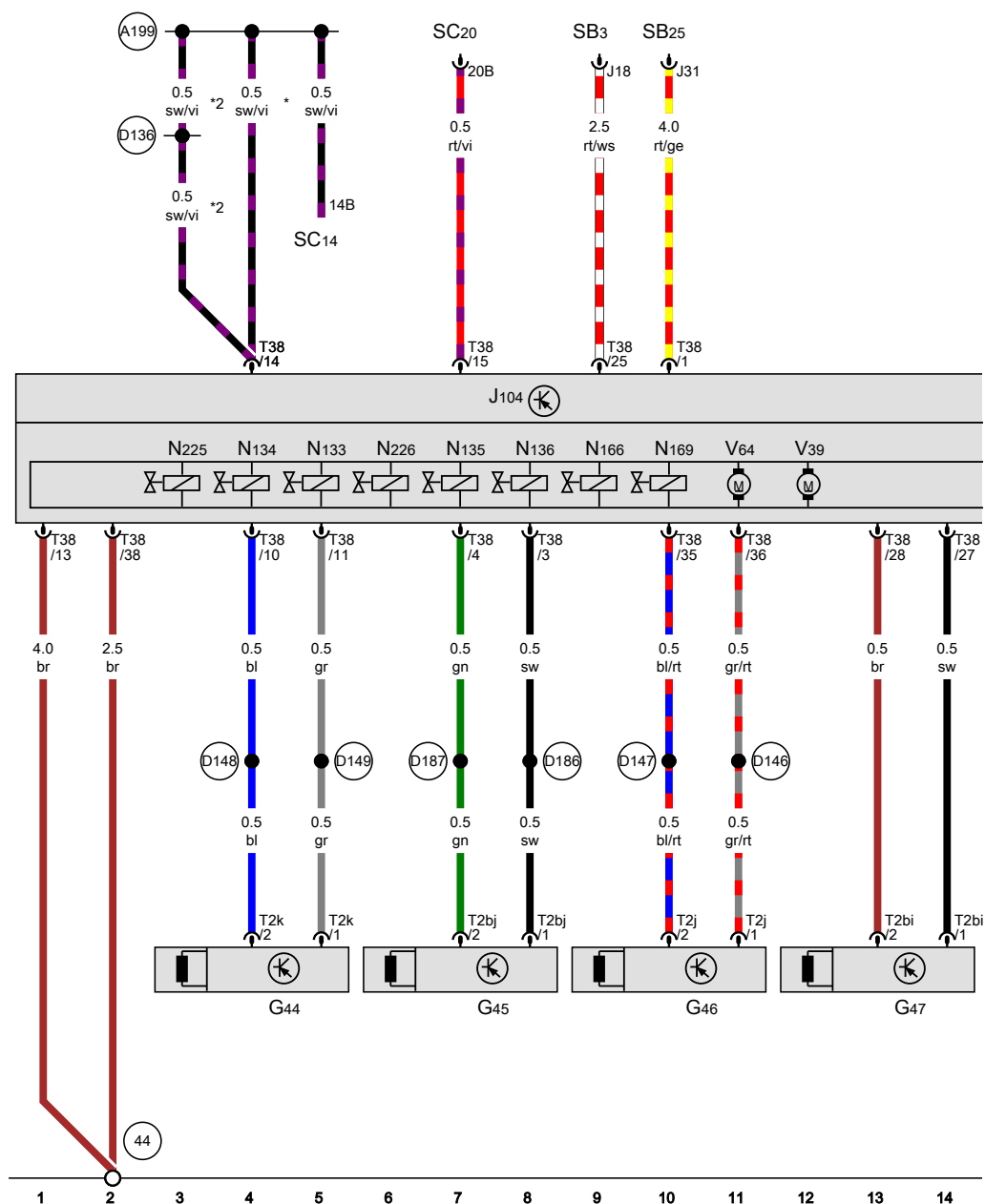
- ws = white
- sw = black
- ro = red
- rt = red
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- bl = blue
- gr = grey
- li = purple
- vi = purple
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17N1-008030R18

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

From May 2010

Rear right speed sensor, Front right speed sensor, Rear left speed sensor, Front left speed sensor, ABS control unit



- G44 Rear right speed sensor
- G45 Front right speed sensor
- G46 Rear left speed sensor
- G47 Front left speed sensor
- J104 ABS control unit
- N133 Rear right ABS inlet valve
- N134 Rear left ABS inlet valve
- N135 Rear right ABS outlet valve
- N136 Rear left ABS outlet valve
- N166 Front right EDL changeover valve
- N169 Front left EDL outlet valve
- N225 Vehicle stabilization program switch valve 1
- N226 Vehicle stabilization program switch valve 2
- SB3 Fuse 3 on fuse holder B
- SC14 Fuse 14 on fuse holder C
- SC20 Fuse 20 on fuse holder C
- SB25 Fuse 25 on fuse holder B
- T2bi 2-pin connector
- T2bj 2-pin connector
- T2j 2-pin connector
- T2k 2-pin connector
- T38 38-pin connector
- V39 ABS return flow pump
- V64 ABS hydraulic pump

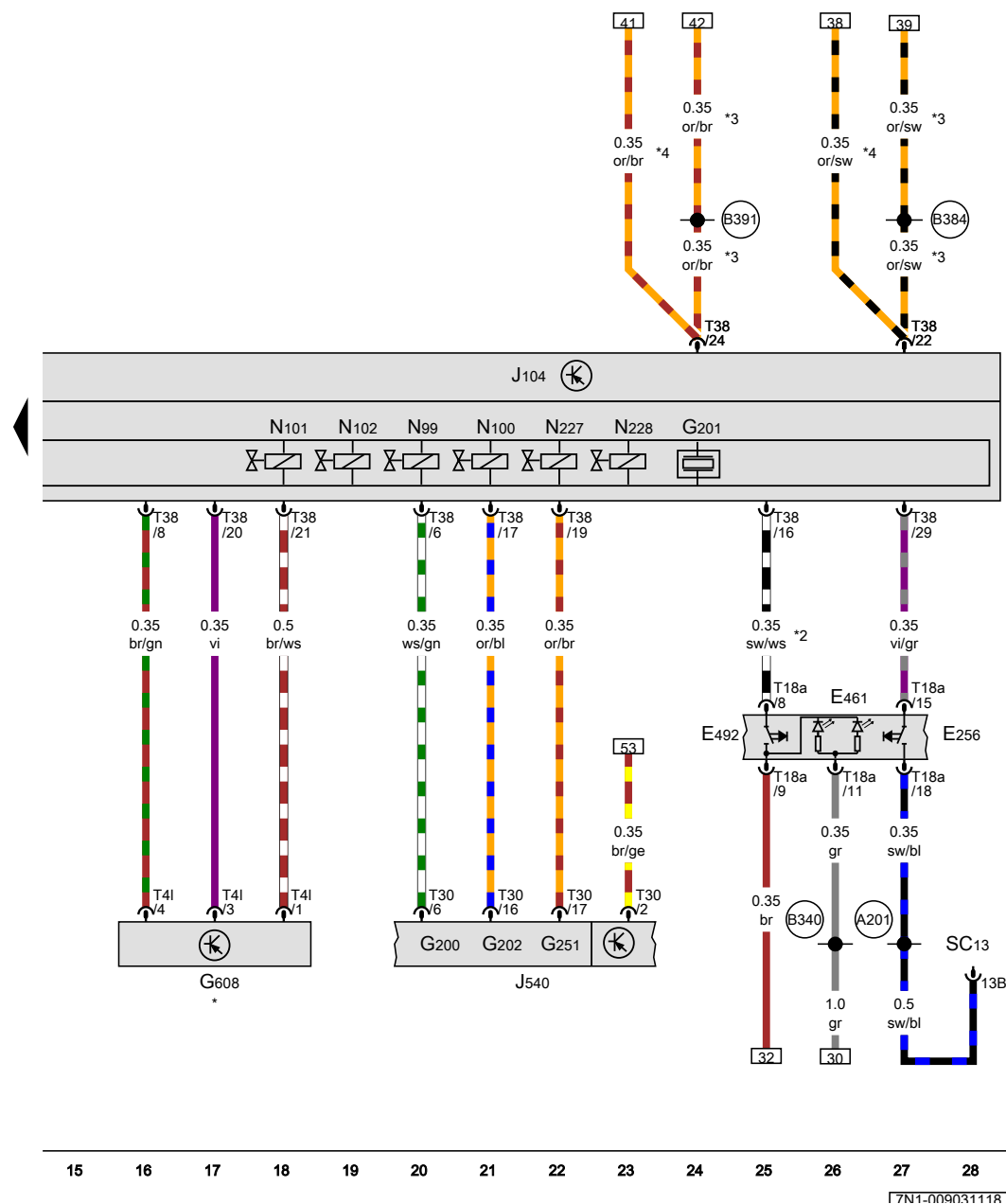
- 44 Earth point, lower part of left A-pillar
- A199 Positive connection 4 (15a) in dash panel wiring harness
- D136 Positive connection 2 (15a), in engine compartment wiring harness
- D146 Connection (rear left speed sensor +), in engine compartment wiring harness
- D147 Connection (rear left speed sensor -), in engine compartment wiring harness
- D148 Connection (rear right speed sensor +), in engine compartment wiring harness
- D149 Connection (rear right 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
- * Up to April 2011
- *2 From May 2011

- 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

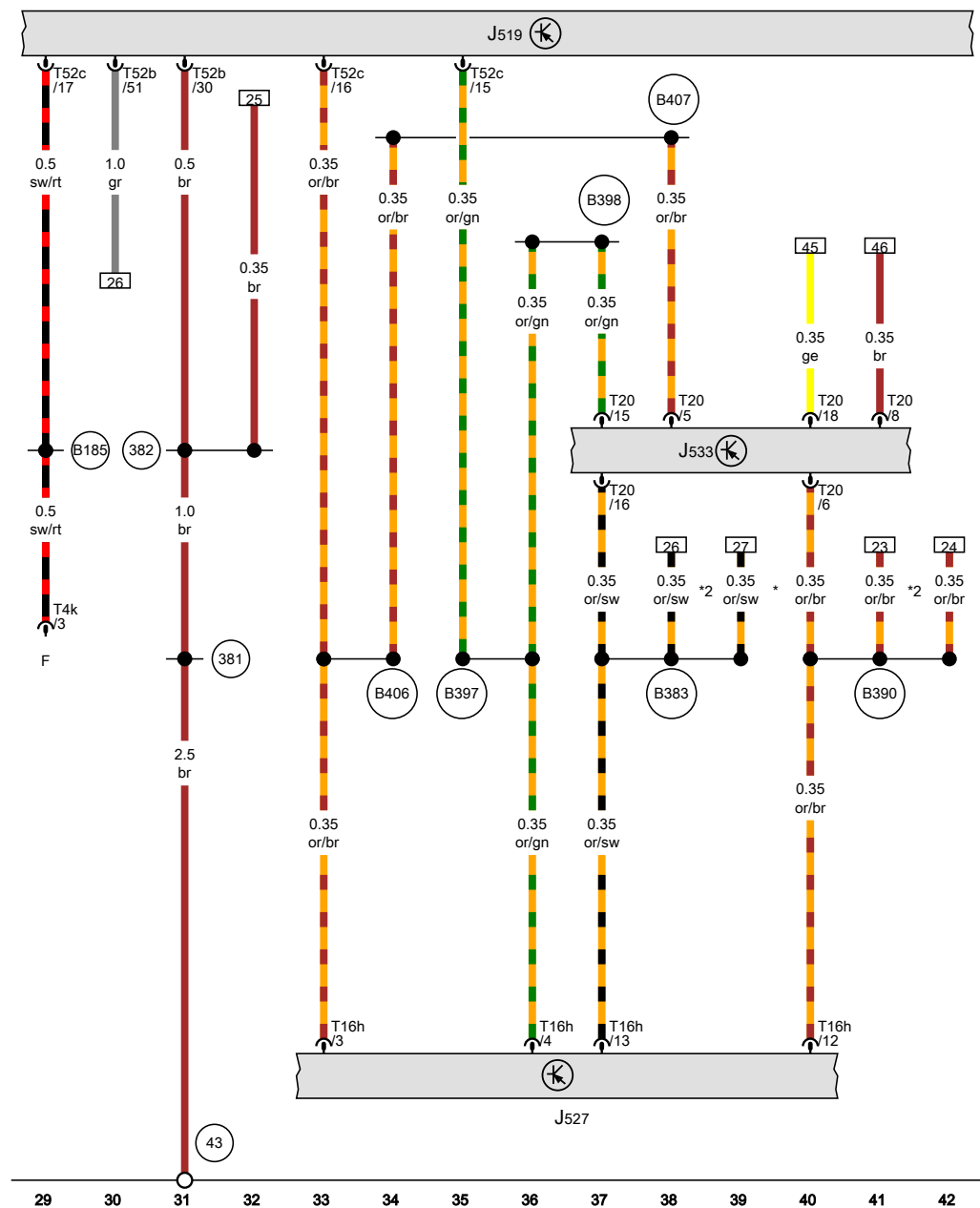
Button for TCS and electronic stabilisation program,
Operating unit in front of centre console, Tyre Pressure Loss Indicator button, Vacuum sender, ABS control unit, Control unit for electromechanical parking brake

- E256 Button for TCS and electronic stabilisation program
- E461 Operating unit in front of centre console
- E492 Tyre Pressure Loss Indicator button
- G200 Lateral acceleration sender
- G201 Brake pressure sender 1
- G202 Yaw rate sender
- G251 Longitudinal acceleration sender
- G608 Vacuum sender
- J104 ABS control unit
- J540 Control unit for electromechanical parking brake
- 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
- SC13 Fuse 13 on fuse holder C
- T4l 4-pin connector
- T18a 18-pin connector
- T30 30-pin connector
- T38 38-pin connector
- A201 Positive connection 6 (15a) in dash panel wiring harness
- B340 Connection 1 (58d), in main wiring harness
- B384 Connection 2 (powertrain CAN bus, high), in main wiring harness
- B391 Connection 2 (powertrain CAN bus, low), in main wiring harness
- * For models with hydraulic brake servo (HBS)
- *2 For models with Tyre Pressure Monitoring System
- *3 From May 2011
- *4 Up to April 2011

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



Onboard supply control unit, Steering column electronics control unit, Data bus diagnostic interface



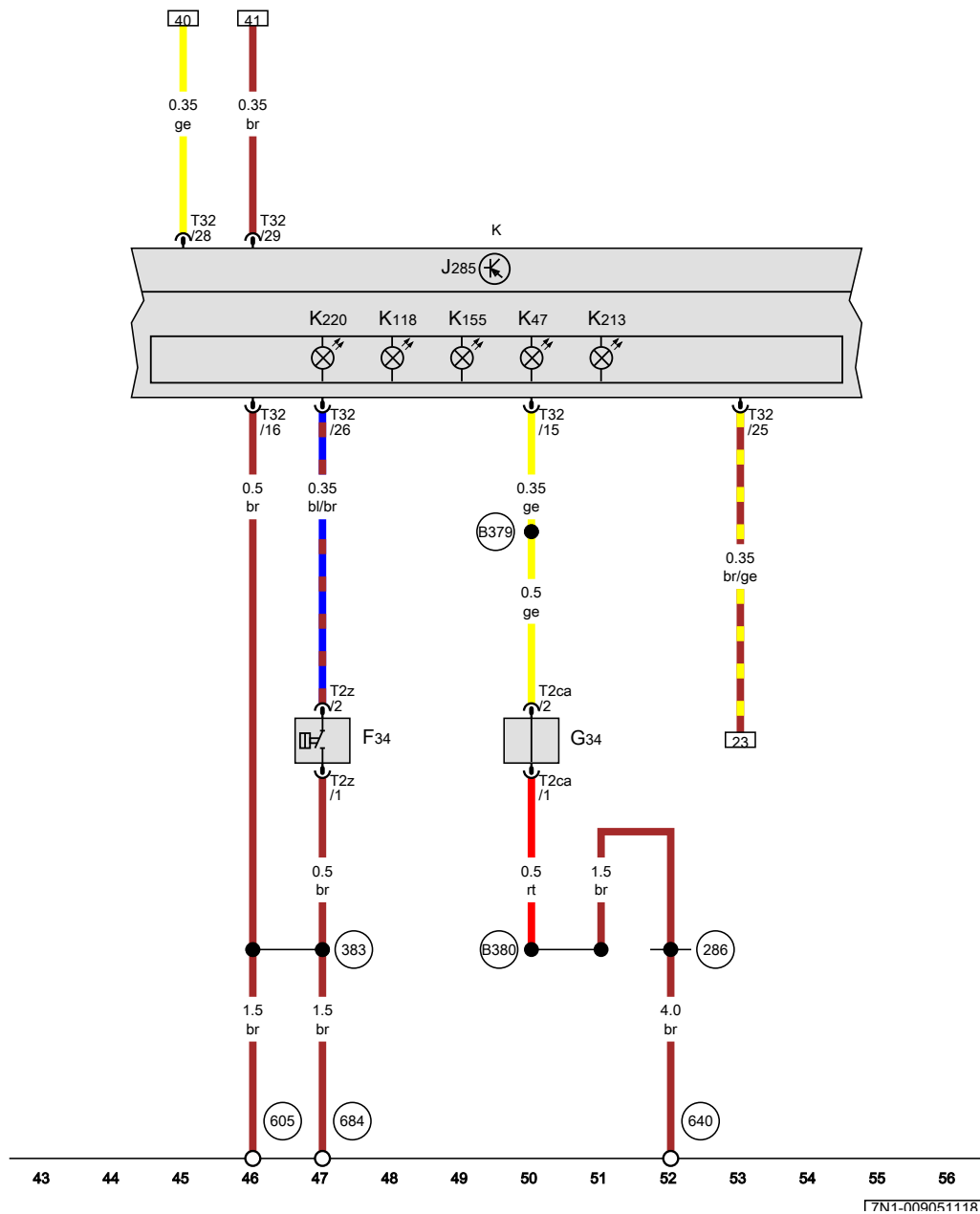
- F Brake light switch
- J519 Onboard supply control unit
- J527 Steering column electronics control unit
- J533 Data bus diagnostic interface
- T4k 4-pin connector
- T16h 16-pin connector
- T20 20-pin connector
- T52b 52-pin connector
- T52c 52-pin connector
- 43 Earth point, lower part of right A-pillar
- 381 Earth connection 16, in main wiring harness
- 382 Earth connection 17, in main wiring harness
- B185 Connection 2 (54), in interior 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
- * From May 2011
- *2 Up to April 2011

17N1-0090411181

Brake fluid level warning contact, Front left brake pad wear sender, Control unit in dash panel insert

- F34 Brake fluid level warning contact
- G34 Front left brake pad wear sender
- J285 Control unit in dash panel insert
- K Dash panel insert
- K47 ABS warning lamp
- K118 Brake system warning lamp
- K155 Warning lamp for electronic stabilisation program and TCS
- K213 Electromechanical parking brake warning lamp
- K220 Tyre Pressure Loss Indicator warning lamp
- T2ca 2-pin connector
- T2z 2-pin connector
- T32 32-pin connector

- 286 Earth connection 8, in interior wiring harness
- 383 Earth connection 18, in main wiring harness
- 605 Earth point, on top end of steering column
- 640 Earth point 2, left in engine compartment
- 684 Earth point on front of left side member
- B379 Connection 1 (brake pad wear indicator), in main wiring harness
- B380 Connection 2 (brake pad wear indicator), in main wiring harness

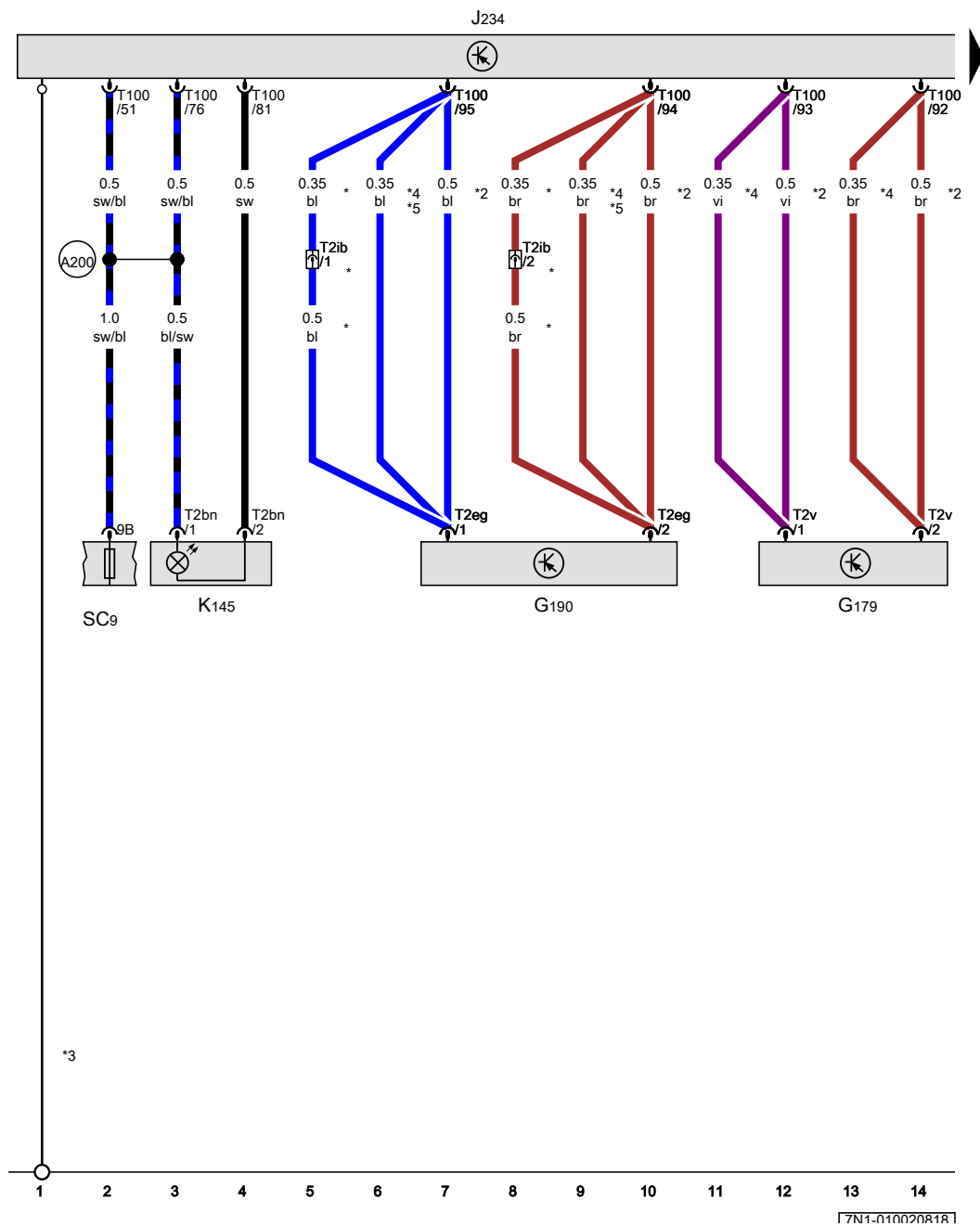


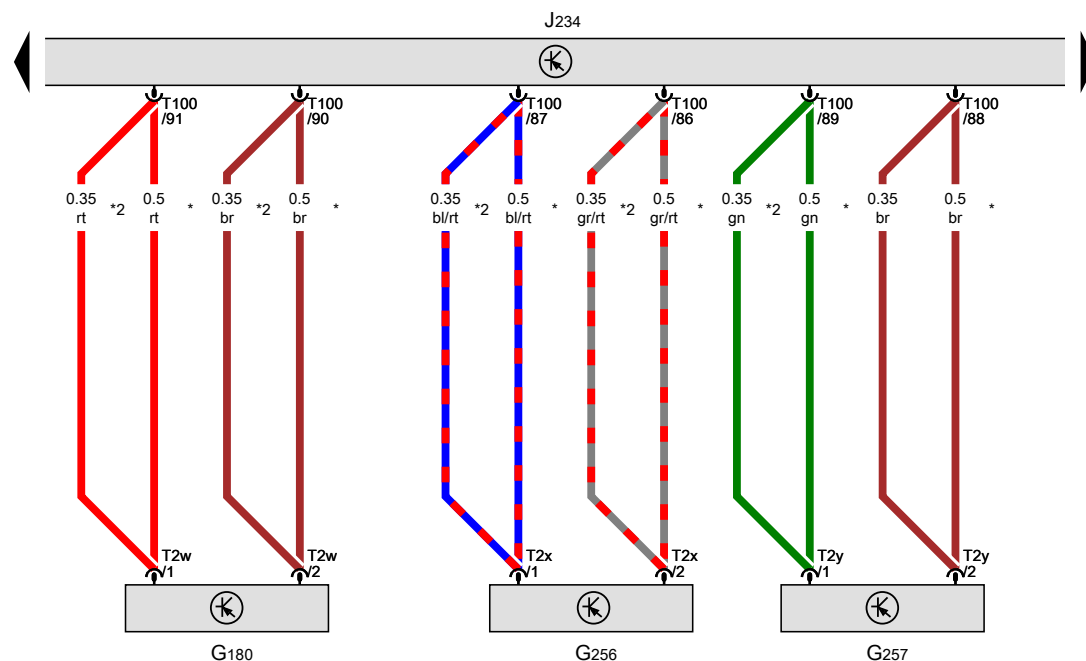
- ws = white
- sw = black
- ro = red
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- gn = green
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- gr = grey
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- vi = purple
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- or = orange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

Airbag systems

From May 2010

Side airbag crash sensor on driver side, Crash sensor for front airbag, Airbag control unit, Warning lamp for airbag deactivated on front passenger side





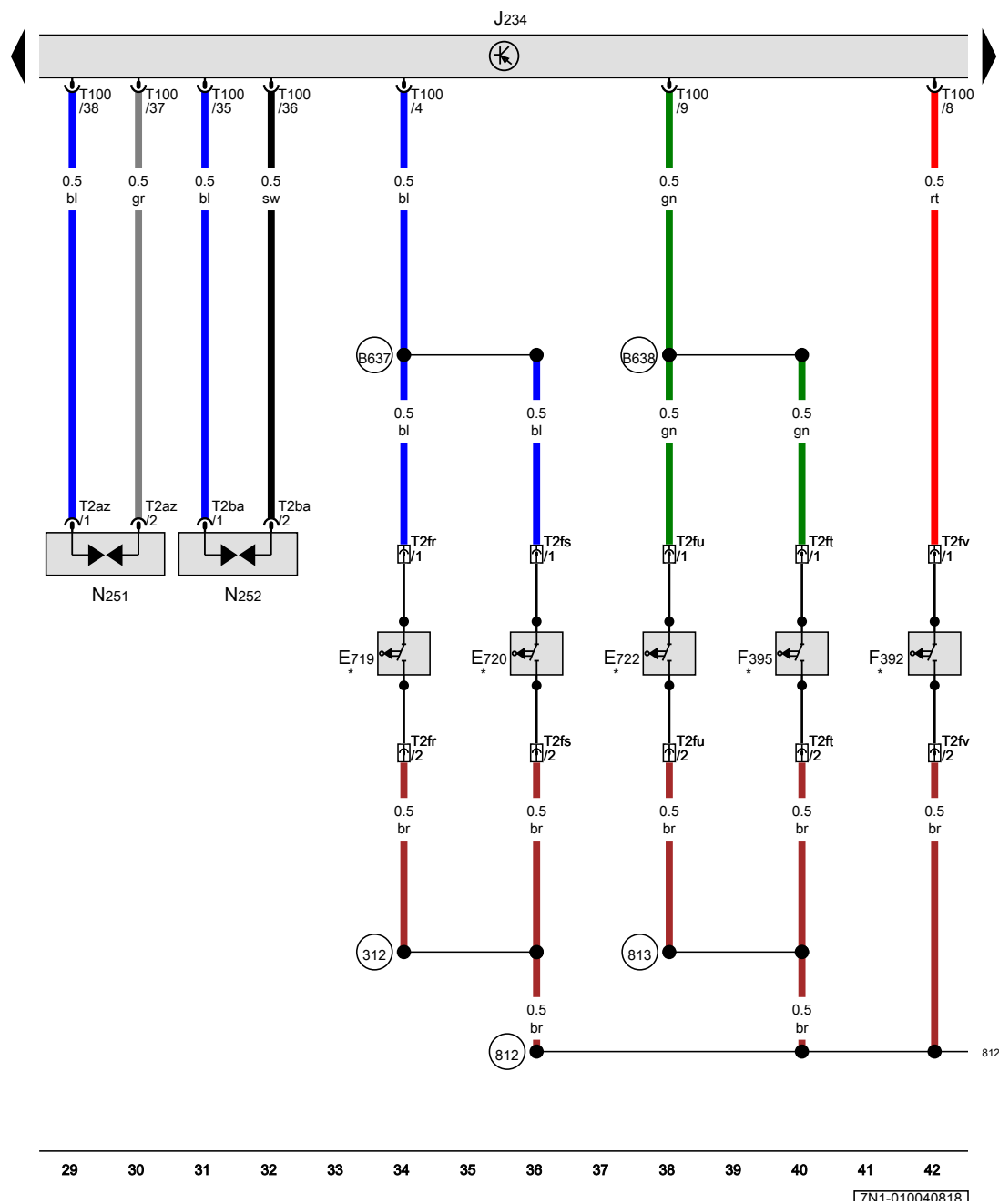
Side airbag crash sensor on front passenger side, Rear side airbag crash sensor on driver side, Rear side airbag crash sensor on passenger side, Airbag control unit

- 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, under centre console
- T2w 2-pin connector, yellow
- T2x 2-pin connector, yellow
- T2y 2-pin connector, yellow
- T100 100-pin connector, yellow
- * Up to May 2014
- *2 From May 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

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

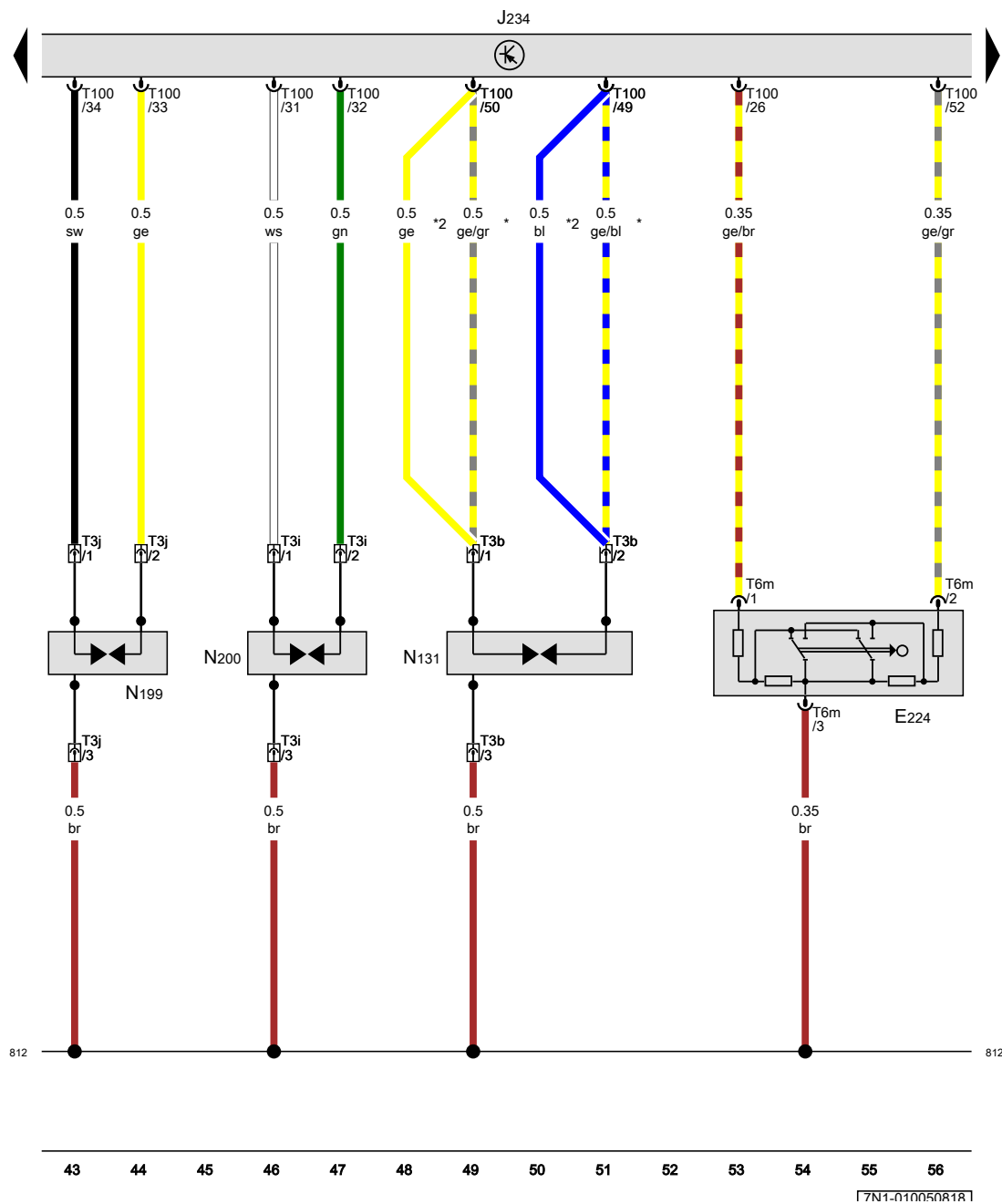
[7N1-010030818]



Belt switch for seat row 2, middle left, Belt switch for seat row 2, middle right, Belt switch for seat row 3, middle right, Belt switch for seat row 2, passenger side, Belt switch for seat row 3, passenger side, Airbag control unit, Driver side curtain airbag igniter, Front passenger side curtain airbag igniter

- E719 Belt switch for seat row 2, middle left
- E720 Belt switch for seat row 2, middle right
- E722 Belt switch for seat row 3, middle right
- F392 Belt switch for seat row 2, passenger side
- F395 Belt switch for seat row 3, passenger side
- J234 Airbag control unit, under centre console
- N251 Driver side curtain airbag igniter
- N252 Front passenger side curtain airbag igniter
- T2az 2-pin connector, black
- T2ba 2-pin connector, black
- T2fr 2-pin connector
- T2fs 2-pin connector
- T2ft 2-pin connector
- T2fu 2-pin connector
- T2fv 2-pin connector
- T100 100-pin connector, yellow

- 312 Earth connection 2, in airbag wiring harness
- 812 Earth connection 3, in airbag wiring harness
- 813 Earth connection 4, in airbag wiring harness
- B637 Connection 1 (airbag), in main wiring harness
- B638 Connection 2 (airbag), in main wiring harness
- * According to equipment



Key operated switch to deactivate airbag on front passenger side, Airbag control unit, Airbag igniter 1 on front passenger side, Side airbag igniter on driver side, Side airbag igniter on front passenger side

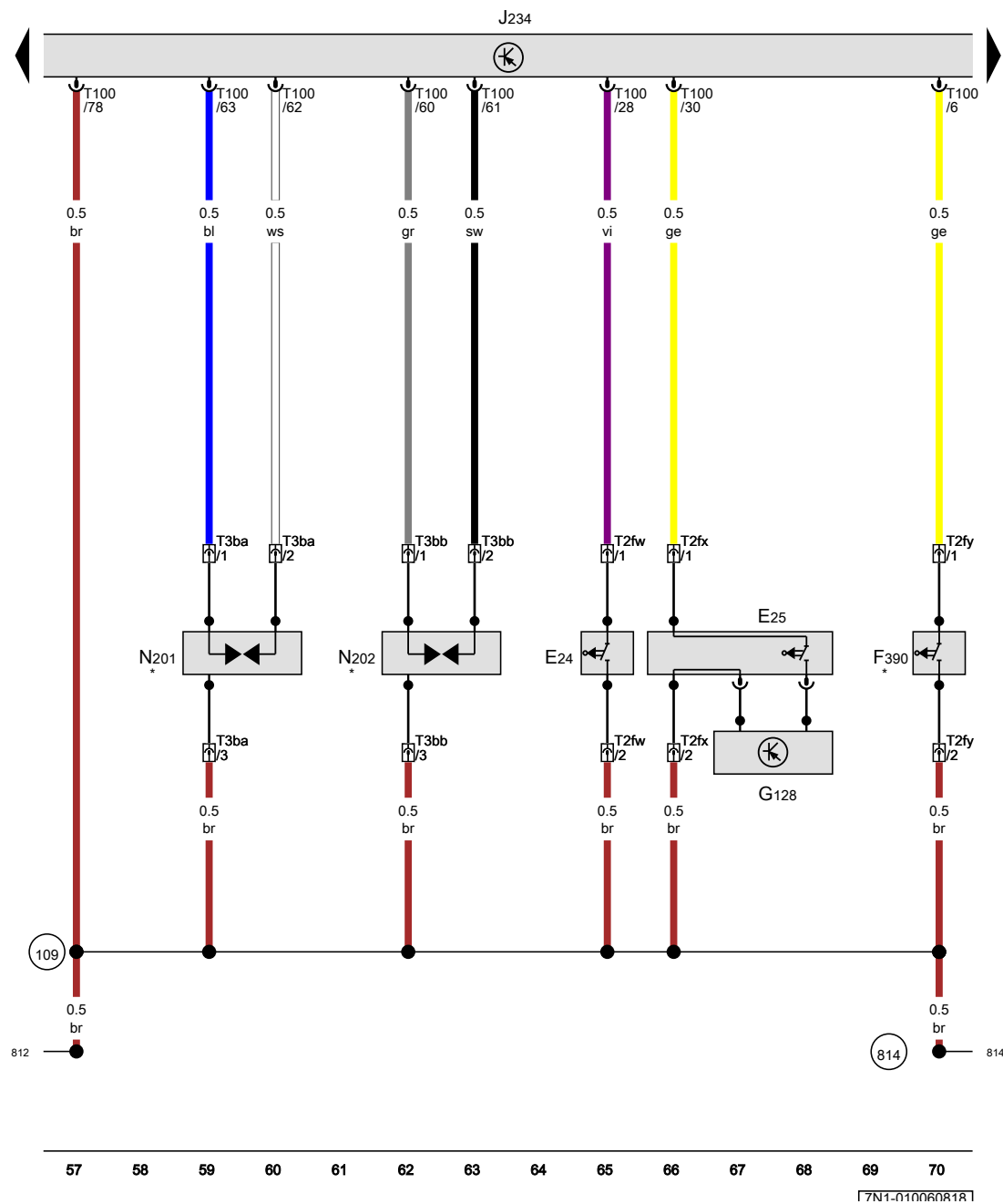
- E224 Key operated switch to deactivate airbag on front passenger side
- J234 Airbag control unit, under centre console
- N131 Airbag igniter 1 on front passenger side
- N199 Side airbag igniter on driver side
- N200 Side airbag igniter on front passenger side
- T3b 3-pin connector
- T3i 3-pin connector
- T3j 3-pin connector
- T6m 6-pin connector, yellow
- T100 100-pin connector, yellow

812 Earth connection 3, in airbag wiring harness

* Up to May 2011

*2 From May 2011

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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

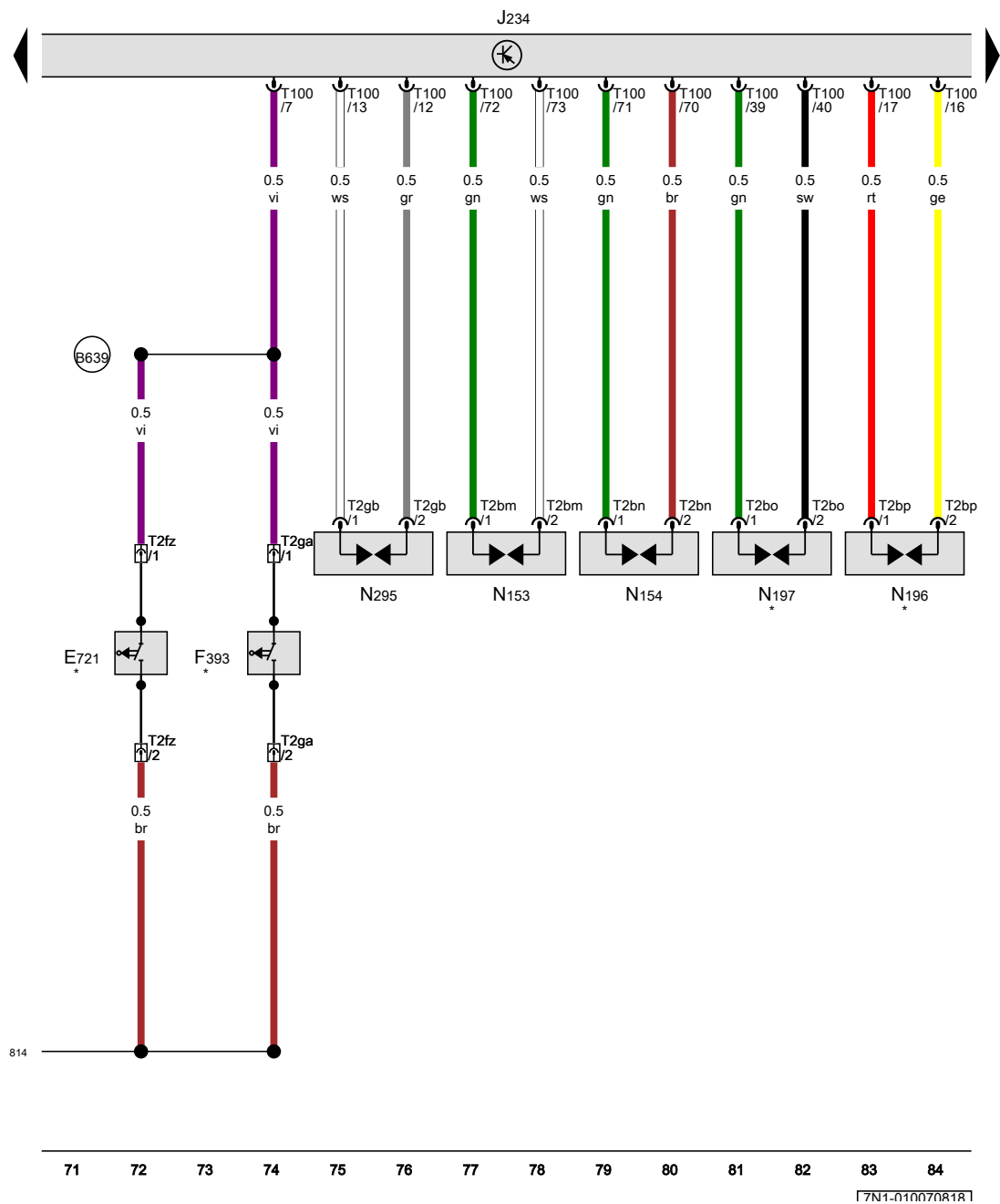


Driver side belt switch, Front passenger side belt switch, Belt switch for seat row 2, driver side, Seat occupied sensor, front passenger side, Airbag control unit, Rear side airbag igniter on driver side, Rear side airbag igniter on passenger side

- E24 Driver side belt switch
- E25 Front passenger side belt switch
- F390 Belt switch for seat row 2, driver side
- G128 Seat occupied sensor, front passenger side
- J234 Airbag control unit, under centre console
- N201 Rear side airbag igniter on driver side
- N202 Rear side airbag igniter on passenger side
- T2fw 2-pin connector
- T2fx 2-pin connector
- T2fy 2-pin connector
- T3ba 3-pin connector
- T3bb 3-pin connector
- T100 100-pin connector, yellow

- 109 Earth connection, in airbag wiring harness
- 812 Earth connection 3, in airbag wiring harness
- 814 Earth connection 5, in airbag wiring harness
- * According to equipment

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



Belt switch for seat row 3, middle left, Belt switch for seat row 3, driver side, Airbag control unit, Driver seat belt tensioner igniter 1, Front passenger seat belt tensioner igniter 1, Rear belt tensioner igniter on driver side, Rear belt tensioner igniter on passenger side, Driver side knee airbag igniter

- E721 Belt switch for seat row 3, middle left
- F393 Belt switch for seat row 3, driver side
- J234 Airbag control unit, under centre console
- N153 Driver seat belt tensioner igniter 1
- N154 Front passenger seat belt tensioner igniter 1
- N196 Rear belt tensioner igniter on driver side
- N197 Rear belt tensioner igniter on passenger side
- N295 Driver side knee airbag igniter
- T2bm 2-pin connector
- T2bn 2-pin connector
- T2bo 2-pin connector
- T2bp 2-pin connector
- T2fz 2-pin connector
- T2ga 2-pin connector
- T2gb 2-pin connector
- T100 100-pin connector, yellow

814 Earth connection 5, in airbag wiring harness

B639 Connection 3 (airbag), 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

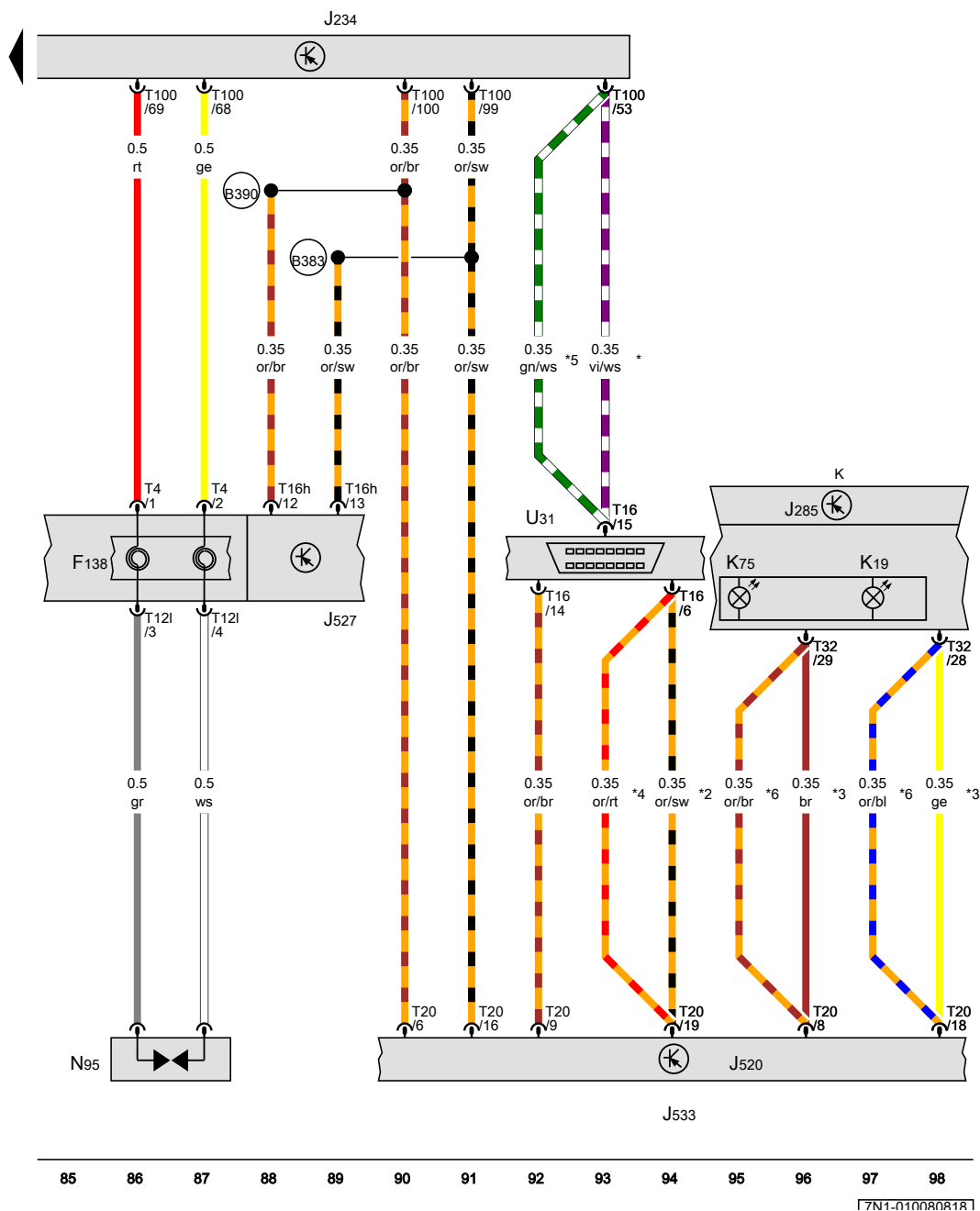
Airbag control unit, Control unit in dash panel insert, Steering column electronics control unit, Data bus diagnostic interface, Airbag igniter on driver side, Diagnostic connection

- | | |
|------|--|
| F138 | Airbag coil connector and return ring with slip ring |
| J234 | Airbag control unit, under centre console |
| J285 | Control unit in dash panel insert |
| J520 | Onboard supply control unit 2 |
| J527 | Steering column electronics control unit |
| J533 | Data bus diagnostic interface |
| K | Dash panel insert |
| K19 | Seat belt warning system warning lamp |
| K75 | Airbag warning lamp |
| N95 | Airbag igniter on driver side |
| T4 | 4-pin connector, yellow |
| T12l | 12-pin connector |
| T16 | 16-pin connector, black |
| T16h | 16-pin connector, black |
| T20 | 20-pin connector, red |
| T32 | 32-pin connector, blue |
| T100 | 100-pin connector, yellow |
| U31 | Diagnostic connection |

- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness

- | | |
|----|---------------------|
| * | Up to November 2011 |
| *2 | Up to May 2015 |
| *3 | Up to May 2016 |
| *4 | From May 2015 |
| *5 | From November 2011 |
| *6 | From May 2016 |

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Dynamic Chassis Control

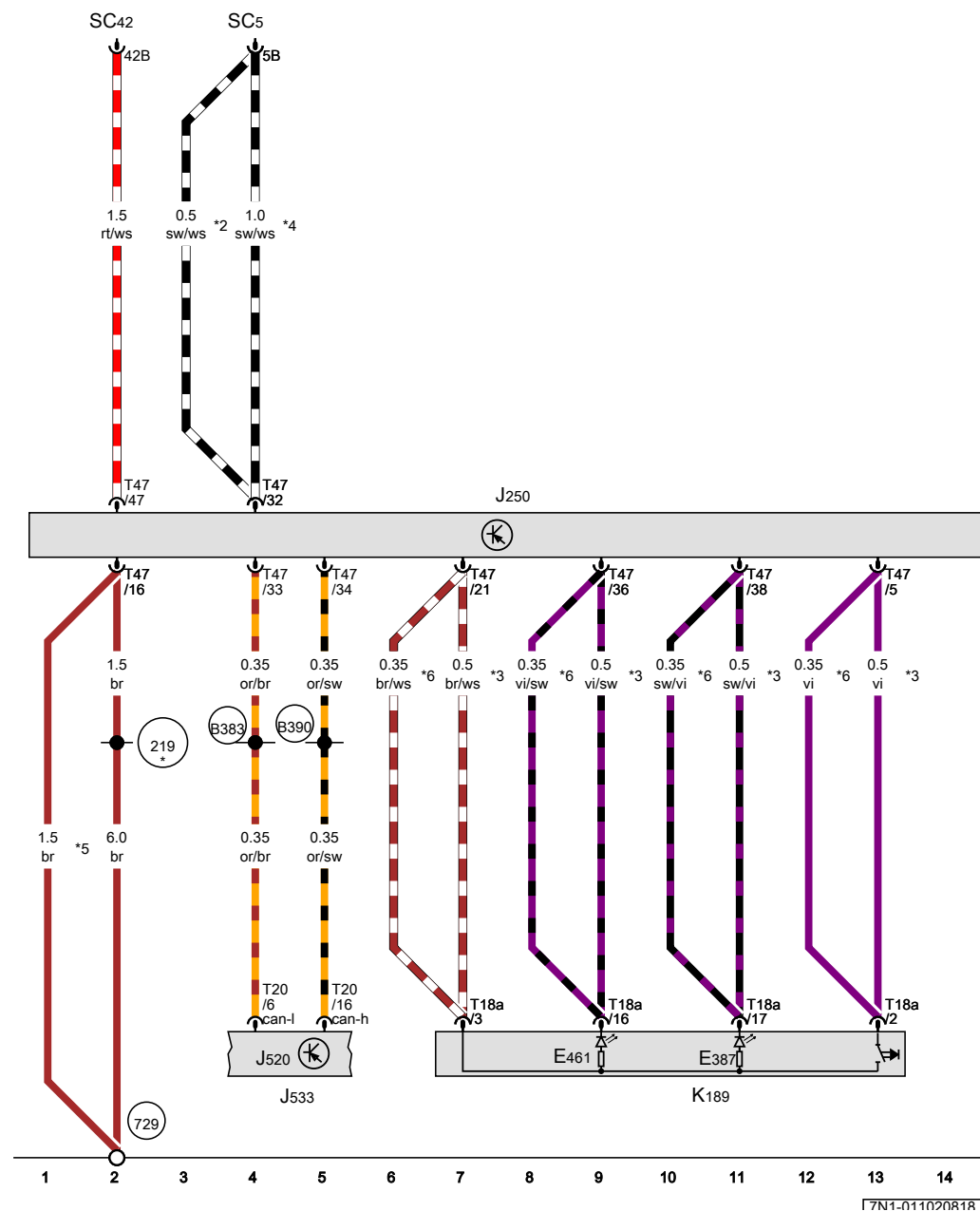
From May 2010

Operating unit in front of centre console, Electronically controlled damping control unit

- E387 Shock absorber damping adjustment button
- E461 Operating unit in front of centre console
- J250 Electronically controlled damping control unit
- J520 Onboard supply control unit 2
- J533 Data bus diagnostic interface
- K189 Shock absorber damping adjustment warning lamp
- SC5 Fuse 5 on fuse holder C
- SC42 Fuse 42 on fuse holder C
- T18a 18-pin connector
- T20 20-pin connector
- T47 47-pin connector

- 219 Earth connection 2, in rear lid wiring harness
- 729 Earth point, on left rear wheel housing
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness

- * Up to April 2012
- *2 From May 2016
- *3 Up to May 2017
- *4 Up to May 2016
- *5 From May 2012
- *6 From May 2017



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

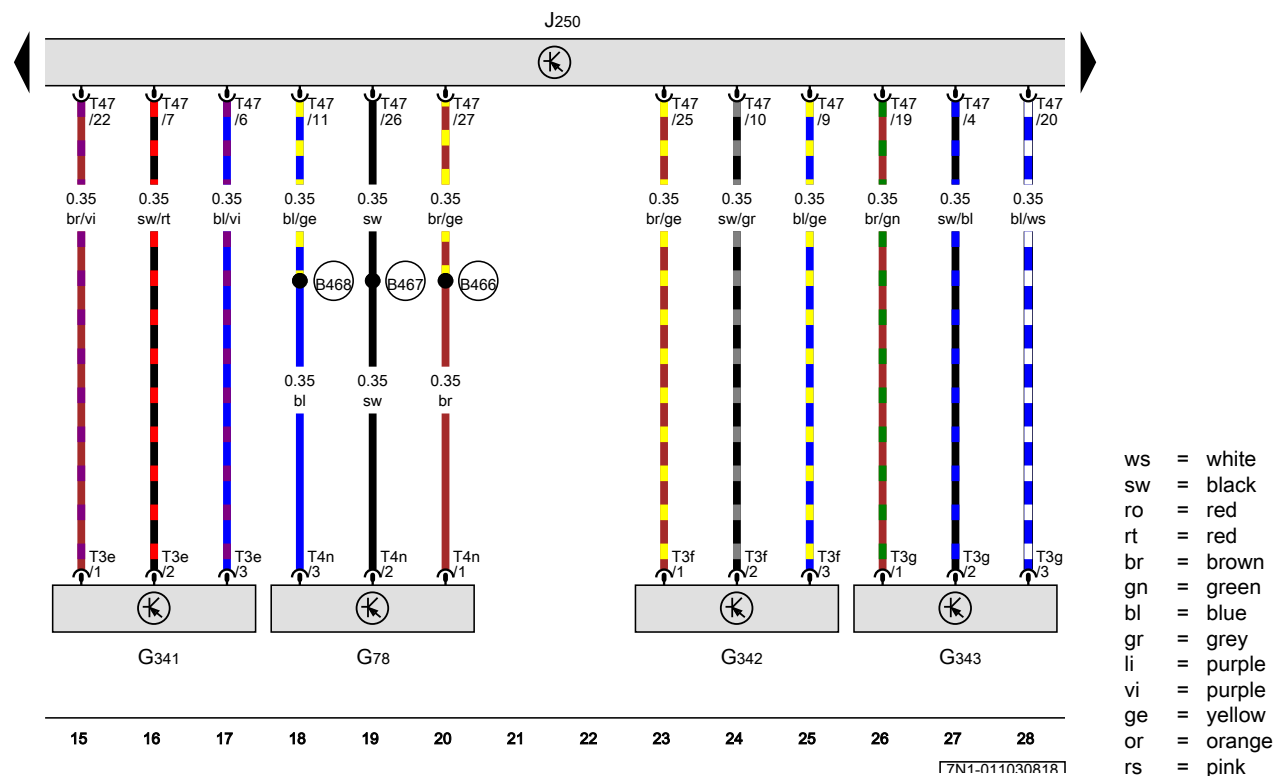
Front left vehicle level sender, Front left body acceleration sender, Front right body acceleration sender, Rear body acceleration sender, Electronically controlled damping control unit

- G78 Front left vehicle level sender
- G341 Front left body acceleration sender
- G342 Front right body acceleration sender
- G343 Rear body acceleration sender
- J250 Electronically controlled damping control unit
- T3e 3-pin connector
- T3f 3-pin connector
- T3g 3-pin connector
- T4n 4-pin connector
- T47 47-pin connector

B466 Connection 2, in main wiring harness

B467 Connection 3, in main wiring harness

B468 Connection 4, in main wiring harness

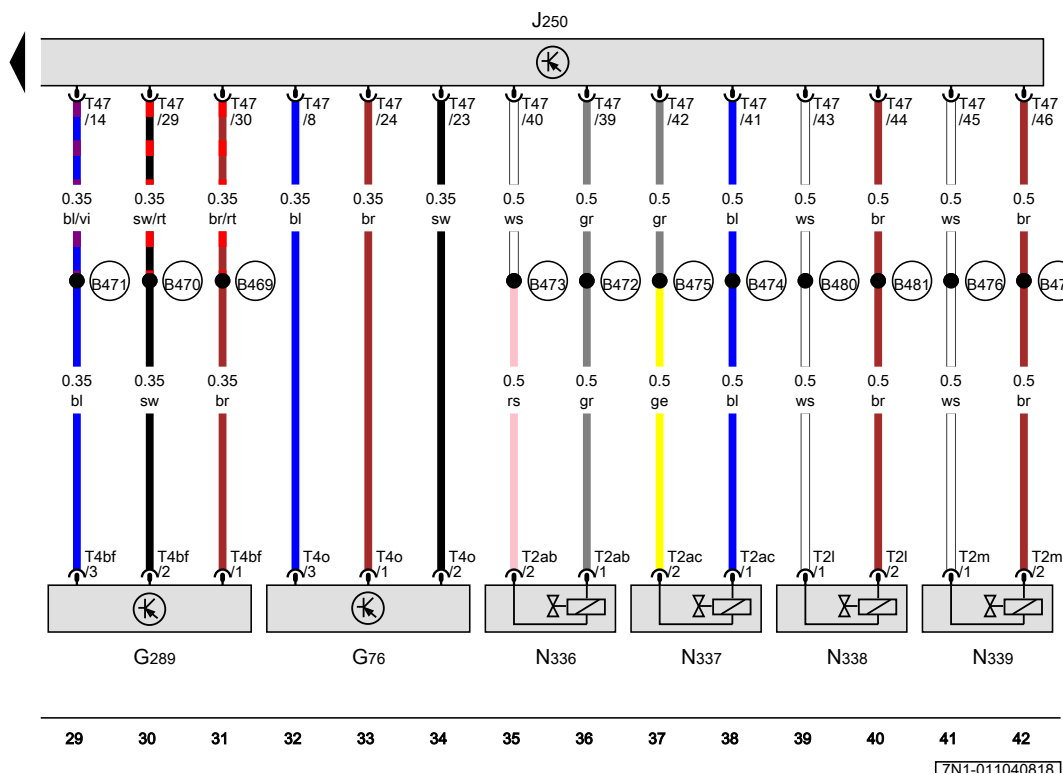


Rear left vehicle level sender, Front right vehicle level sender, Electronically controlled damping control unit, Front left shock absorber damping adjustment valve, Front right shock absorber damping adjustment valve, Rear left shock absorber damping adjustment valve, Rear right shock absorber damping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

- G76 Rear 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
- T2ab 2-pin connector
- T2ac 2-pin connector
- T2l 2-pin connector
- T2m 2-pin connector
- T4bf 4-pin connector
- T4o 4-pin connector
- T47 47-pin connector

- B469 Connection 5, in main wiring harness
- B470 Connection 6, in main wiring harness
- B471 Connection 7, in main wiring harness
- B472 Connection 8, in main wiring harness
- 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
- B477 Connection 13, in main wiring harness
- B480 Connection 16, in main wiring harness
- B481 Connection 17, in main wiring harness

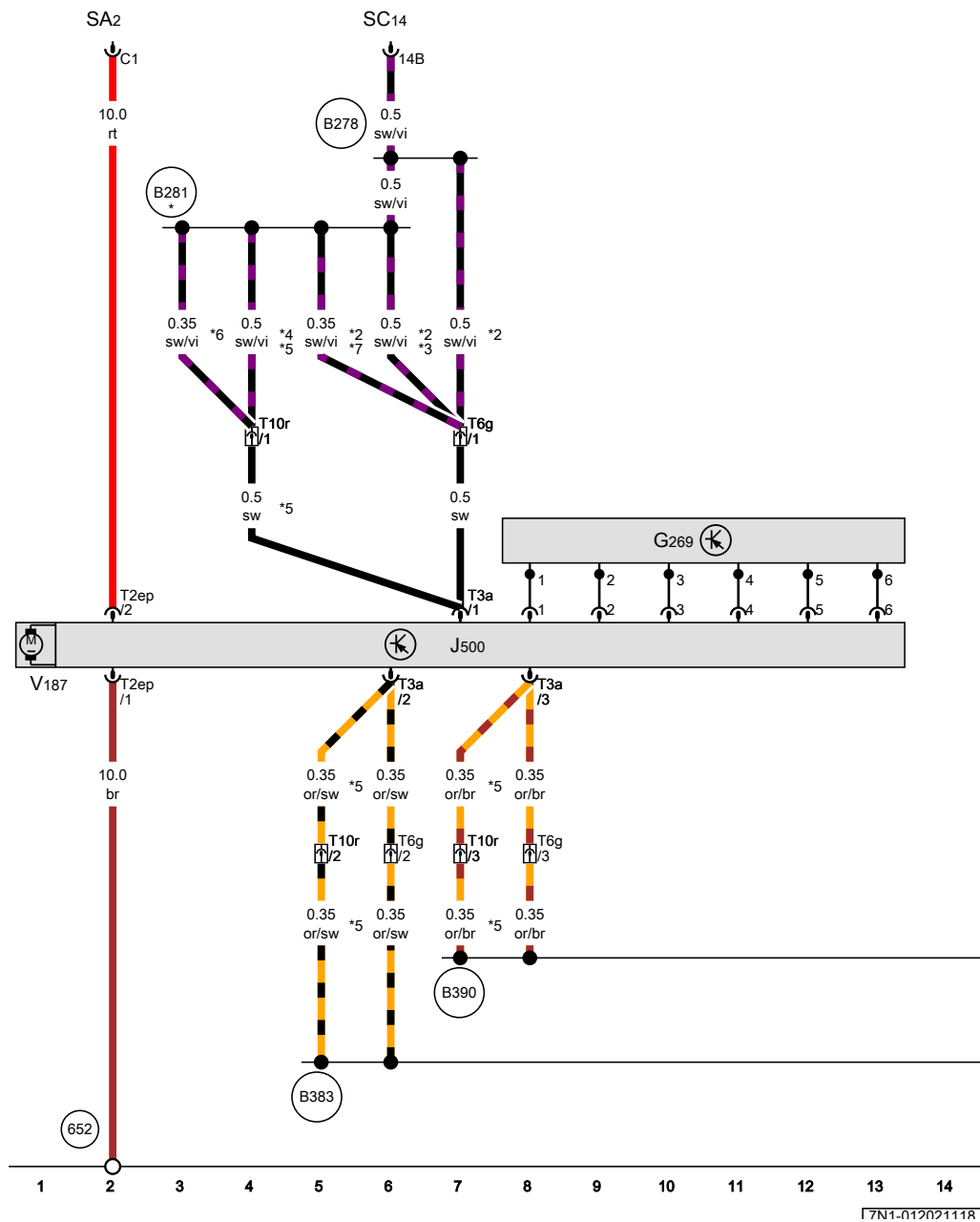
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Power assisted steering , (L0L)

From May 2010

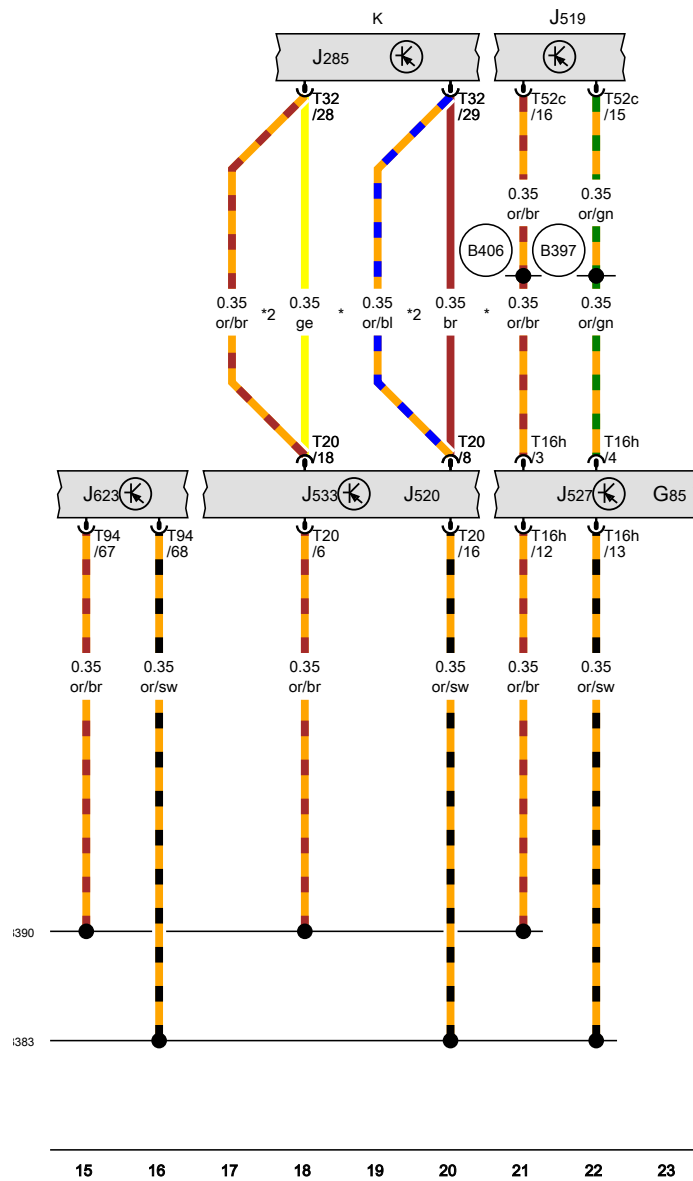
Steering moment sender, Power steering control unit,
Electromechanical power steering motor



- G269 Steering moment sender
- J500 Power steering control unit
- SA2 Fuse 2 on fuse holder A
- SC14 Fuse 14 on fuse holder C
- T2ep 2-pin connector
- T3a 3-pin connector
- T6g 6-pin connector
- T10r 10-pin connector, black
- V187 Electromechanical power steering motor

- 652 Earth point, engine and gearbox earth
- B278 Positive connection 2 (15a) in main wiring harness
- B281 Positive connection 5 (15a) 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
- * From May 2011
- *2 According to equipment
- *3 Up to November 2018
- *4 Up to May 2016
- *5 From May 2015
- *6 From May 2016
- *7 From November 2018

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Steering angle sender

- G85 Steering angle sender
- J285 Control unit in dash panel insert
- J519 Onboard supply control unit
- J520 Onboard supply control unit 2
- J527 Steering column electronics control unit
- J533 Data bus diagnostic interface
- J623 Engine/motor control unit
- K Dash panel insert
- T16h 16-pin connector
- T20 20-pin connector
- T32 32-pin connector
- T52c 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
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness

- * Up to May 2016
- *2 From May 2016

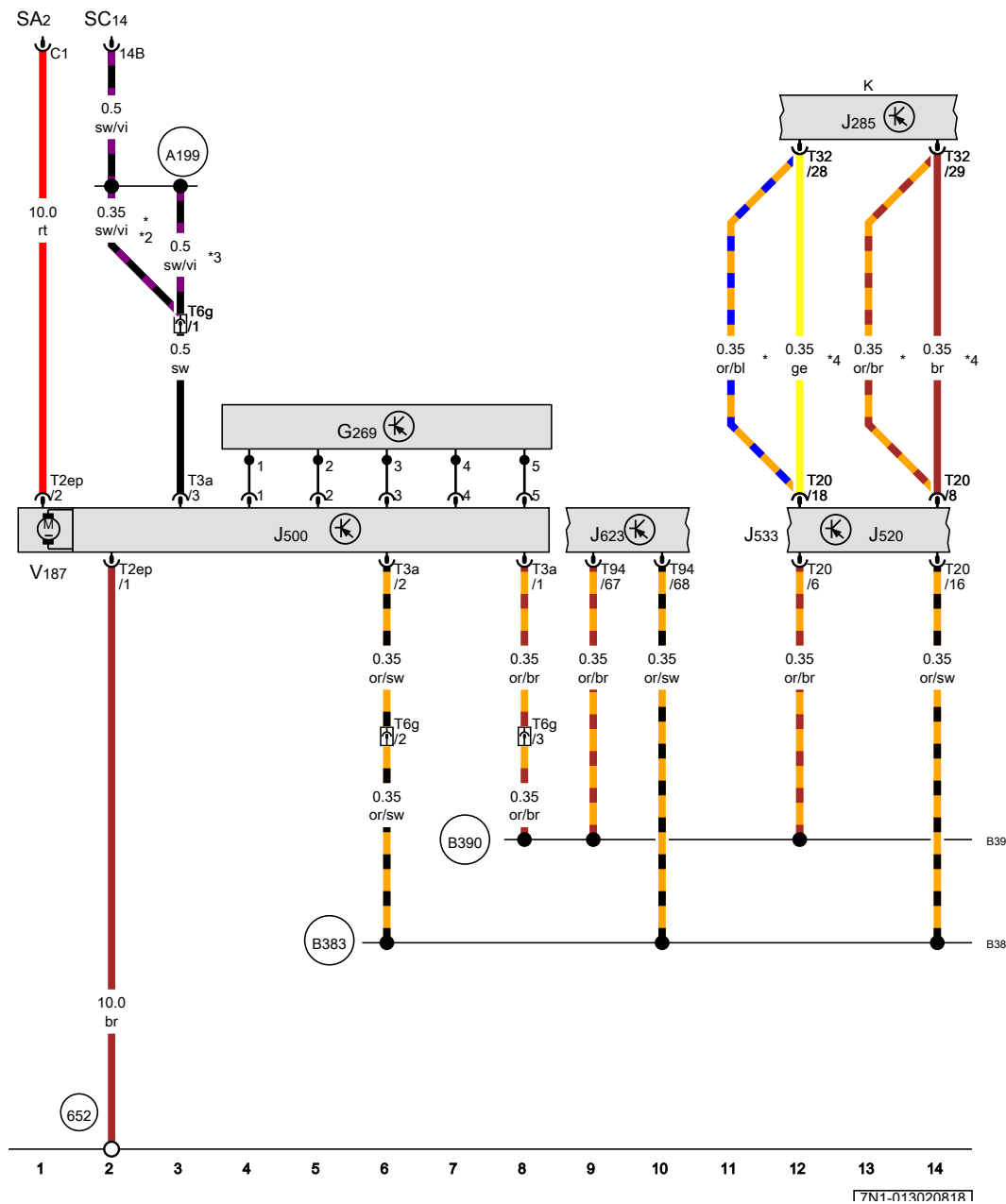
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Power assisted steering for RHD vehicles

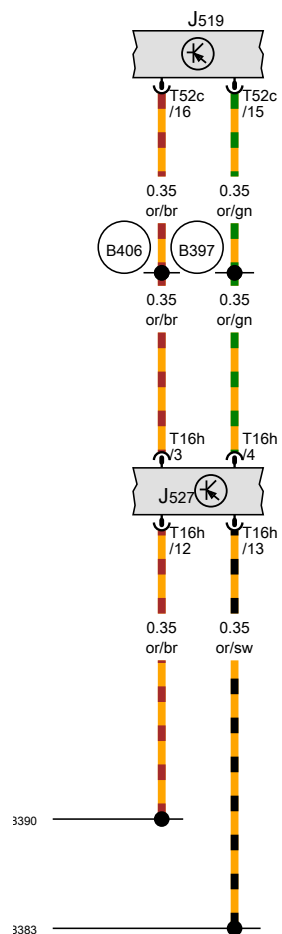
From May 2010

Steering moment sender, Power steering control unit,
Electromechanical power steering motor



- G269 Steering moment sender
- J285 Control unit in dash panel insert
- J500 Power steering control unit
- J520 Onboard supply control unit 2
- J533 Data bus diagnostic interface
- J623 Engine/motor control unit
- K Dash panel insert
- SA2 Fuse 2 on fuse holder A
- SC14 Fuse 14 on fuse holder C
- T2ep 2-pin connector
- T3a 3-pin connector
- T6g 6-pin connector
- T20 20-pin connector
- T32 32-pin connector
- T94 94-pin connector
- V187 Electromechanical power steering motor

- 652 Earth point, engine and gearbox earth
- A199 Positive connection 4 (15a) in dash panel wiring harness
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- * From May 2016
- *2 For models with diesel engine
- *3 According to equipment
- *4 Up to May 2016



J519 Onboard supply control unit
J527 Steering column electronics control unit
T16h 16-pin connector
T52c 52-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
B406 Connection 1 (convenience CAN bus, low), in main wiring harness

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Air conditioning system with manual regulation

From May 2010

Blower relay, Fuse holder C

J323 Blower relay
SC Fuse holder C
SC30 Fuse 30 on fuse holder C
T5ag 5-pin connector, black
T10f 10-pin connector

371 Earth connection 6, in main wiring harness

684 Earth point on front of left side member

* From May 2016

*2 For models with refrigerant R1234yf

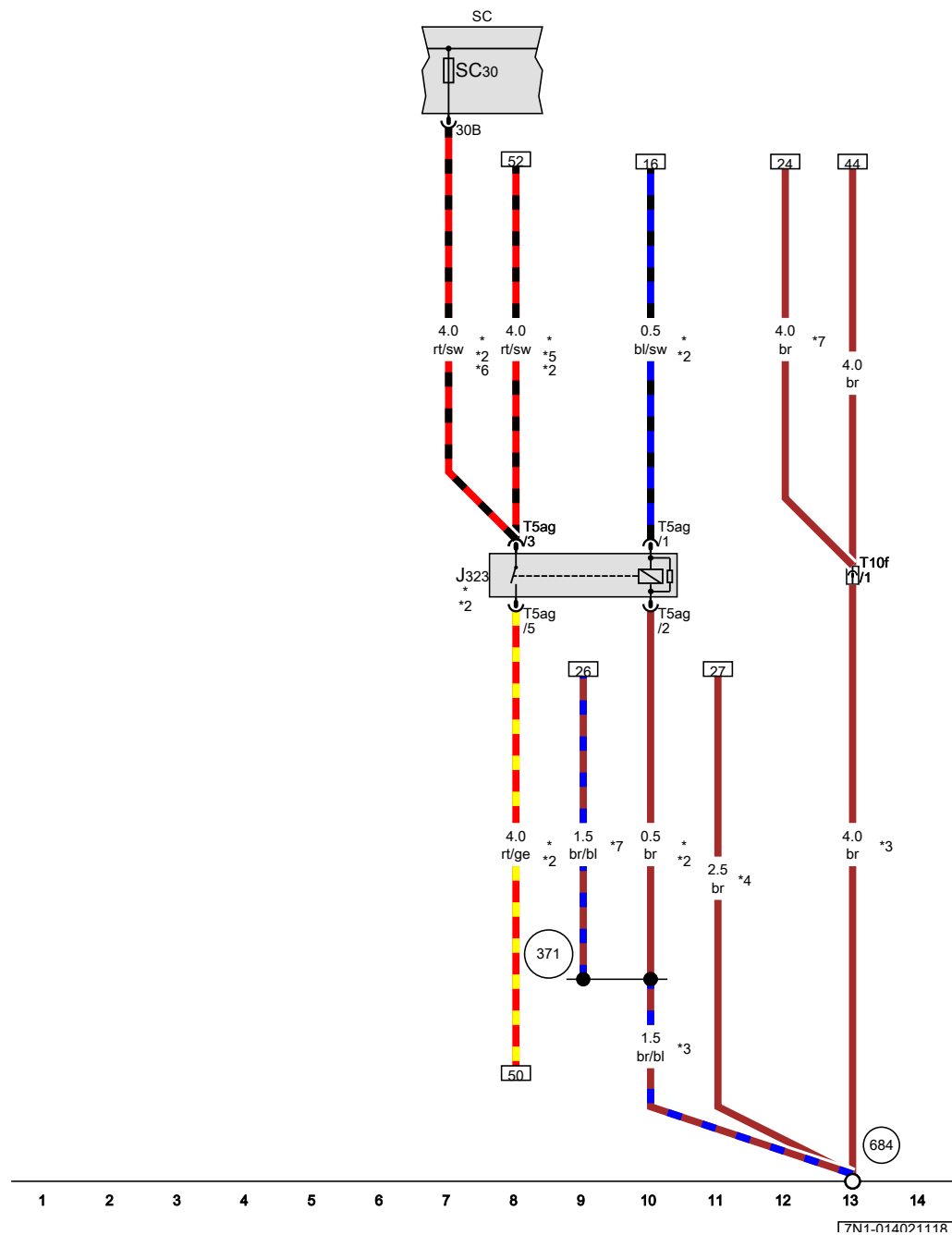
*3 Up to November 2018

*4 From May 2011

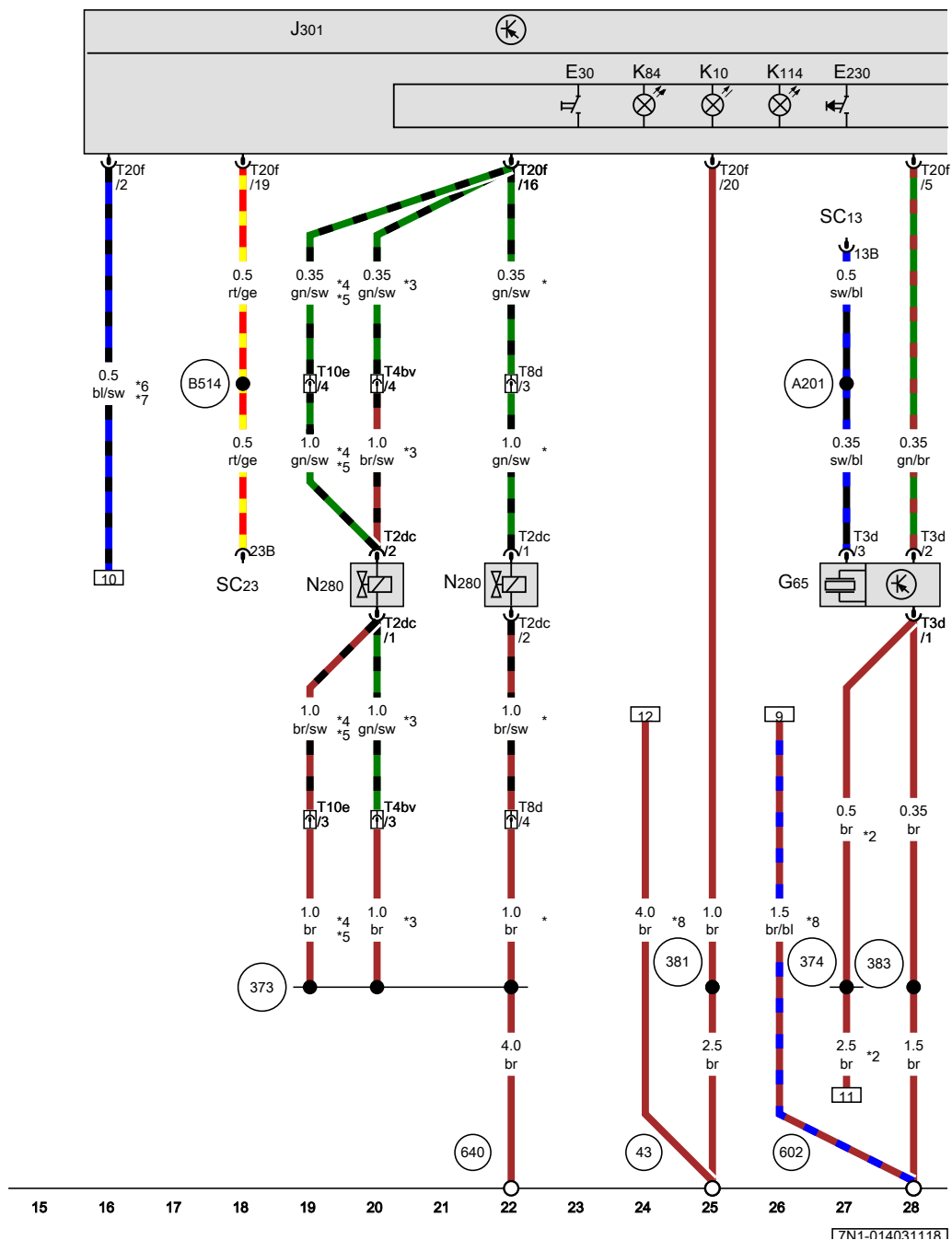
*5 For models with auxiliary coolant heater (supplementary heater)

*6 For models with no auxiliary coolant heater

*7 From November 2018



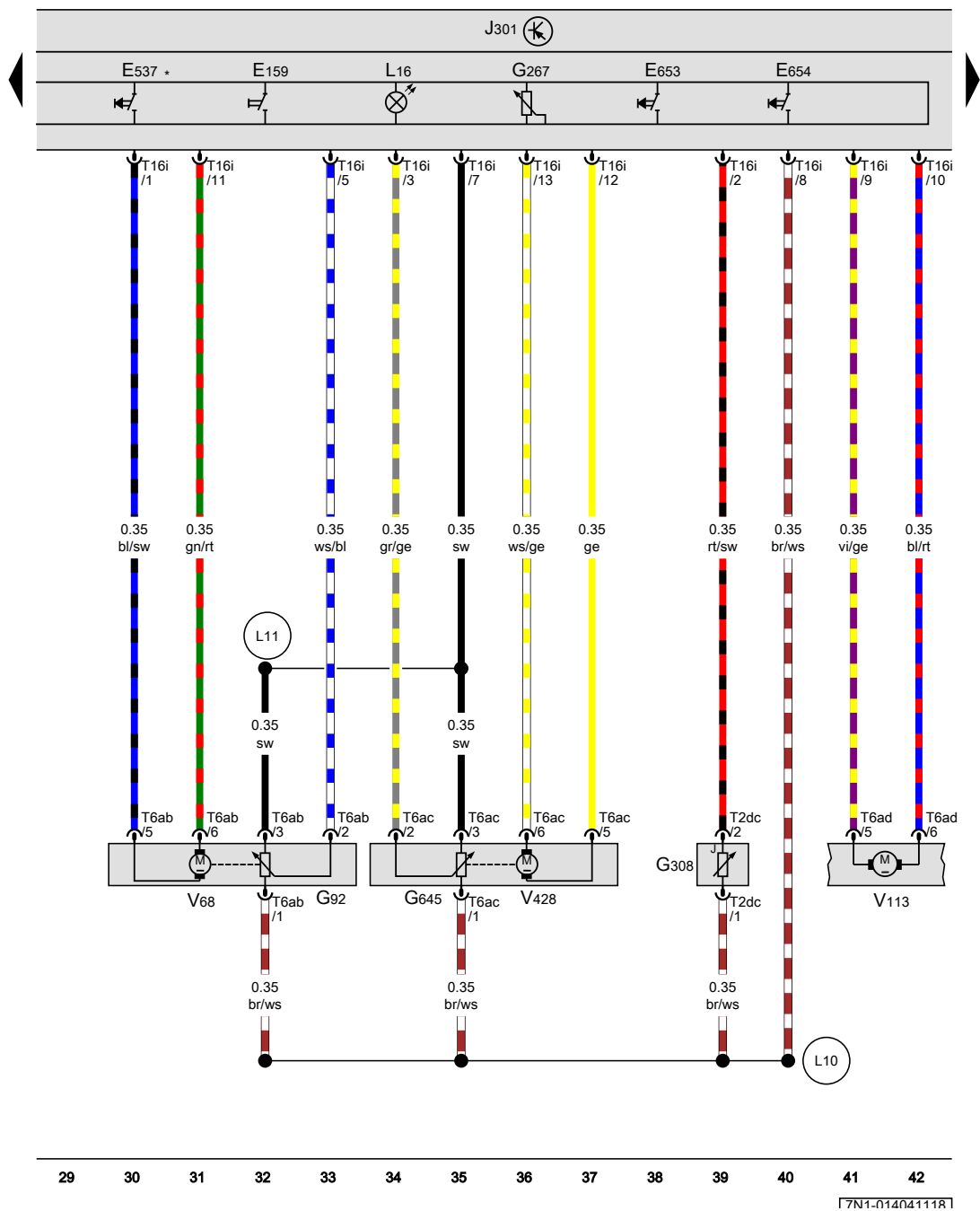
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High-pressure sender, Air conditioning system control unit, Air conditioner compressor regulating valve

- E30 Air conditioning system switch
- E230 Heated rear window button
- G65 High-pressure sender
- J301 Air conditioning system control unit, in centre console
- K10 Heated rear window warning lamp
- K84 Air conditioning system warning lamp
- K114 Fresh air and air recirculation warning lamp
- N280 Air conditioner compressor regulating valve
- SC13 Fuse 13 on fuse holder C
- SC23 Fuse 23 on fuse holder C
- T2dc 2-pin connector
- T3d 3-pin connector
- T4bv 4-pin connector, black
- T8d 8-pin connector
- T10e 10-pin connector, black
- T20f 20-pin connector

- 43 Earth point, lower part of right A-pillar
- 373 Earth connection 8, in main wiring harness
- 374 Earth connection 9, in main wiring harness
- 381 Earth connection 16, in main wiring harness
- 383 Earth connection 18, in main wiring harness
- 602 Earth point, in front left footwell
- 640 Earth point 2, left in engine compartment
- A201 Positive connection 6 (15a) in dash panel wiring harness
- B514 Positive connection 10 (30a), in interior wiring harness



Potentiometer for temperature flap control motor, Evaporator temperature sensor, Air conditioning system control unit, Air recirculation flap control motor, Air distribution flap control motor

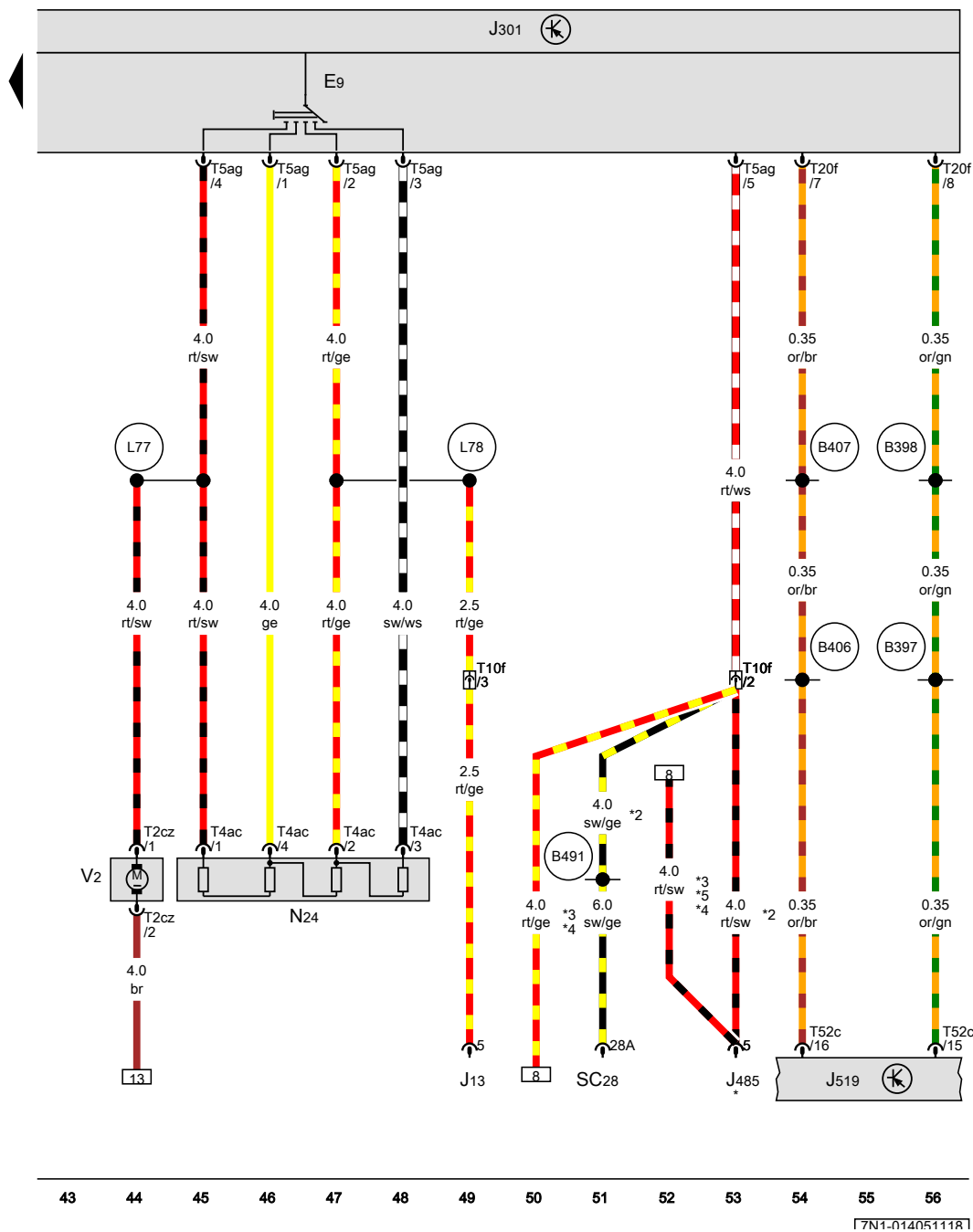
- E159 Fresh air and air recirculation flap switch
- E537 Instant heating button
- E653 Button for left seat heating
- E654 Button for right seat heating
- G92 Potentiometer for temperature flap control motor
- G267 Potentiometer for temperature selection rotary knob
- G308 Evaporator temperature sensor
- G645 Potentiometer for air distribution flap control motor
- J301 Air conditioning system control unit, in centre console
- L16 Fresh air regulator illumination bulb
- T2dc 2-pin connector
- T6ab 6-pin connector
- T6ac 6-pin connector
- T6ad 6-pin connector
- T16i 16-pin connector
- V68 Temperature flap control motor
- V113 Air recirculation flap control motor
- V428 Air distribution flap control motor

L10 Connection 2, in air conditioning system wiring harness

L11 Connection 3, in air conditioning system wiring harness

* For models with auxiliary heating

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

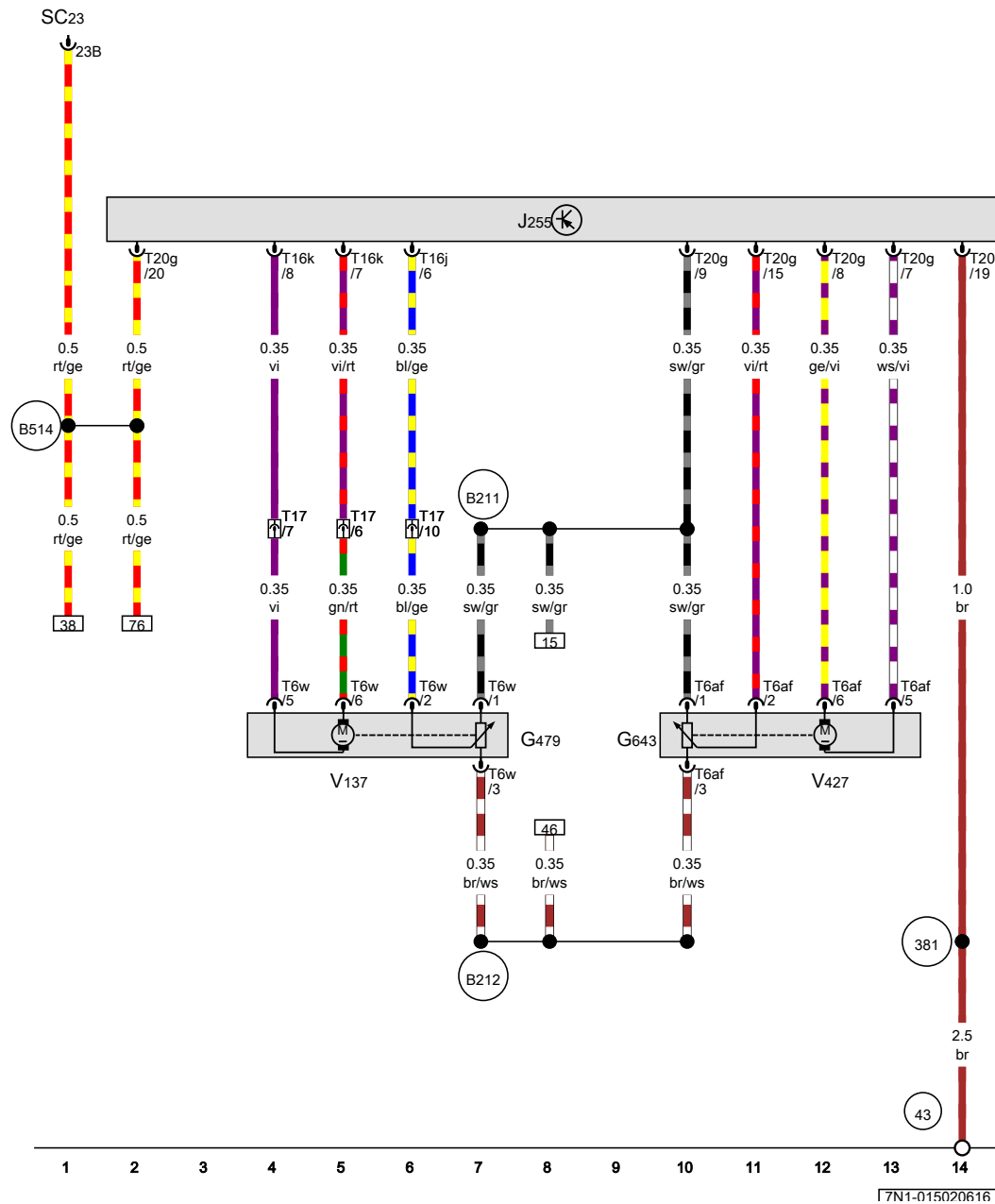


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Air conditioning system control unit, Onboard supply control unit, Fresh air blower series resistor with overheating fuse, Fresh air blower

- E9 Fresh air blower switch
- J13 Fresh air blower relay
- J301 Air conditioning system control unit, in centre console
- J485 Auxiliary heater operation relay
- J519 Onboard supply control unit
- N24 Fresh air blower series resistor with overheating fuse
- SC28 Fuse 28 on fuse holder C
- T2cz 2-pin connector
- T4ac 4-pin connector
- T5ag 5-pin connector
- T10f 10-pin connector
- T20f 20-pin connector
- T52c 52-pin connector
- V2 Fresh air blower
- 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
- B491 Positive connection (75), in interior wiring harness
- L77 Connection, in fresh air blower wiring harness
- L78 Connection 1, in fresh air blower wiring harness
- * For models with auxiliary heating
- *2 According to equipment
- *3 From May 2016
- *4 For models with refrigerant R1234yf
- *5 For models with auxiliary coolant heater (supplementary heater)

Climatronic
From May 2010



Potentiometer for rear temperature flap motor,
Potentiometer for rear air distribution flap control motor,
Climatronic control unit, Rear temperature flap control
motor, Rear air distribution flap control motor

- G479 Potentiometer for rear temperature flap motor
- G643 Potentiometer for rear air distribution flap control motor
- J255 Climatronic control unit, in centre console
- SC23 Fuse 23 on fuse holder C
- T6af 6-pin connector
- T6w 6-pin connector
- T16j 16-pin connector
- T16k 16-pin connector
- T17 17-pin connector
- T20g 20-pin connector
- V137 Rear temperature flap control motor
- V427 Rear air distribution flap control motor

- 43 Earth point, lower part of right A-pillar
- 381 Earth connection 16, in main wiring harness
- B211 Connection 1 (Climatronic rear), in interior wiring harness
- B212 Connection 2 (Climatronic rear), in interior wiring harness
- B514 Positive connection 10 (30a), in interior wiring harness

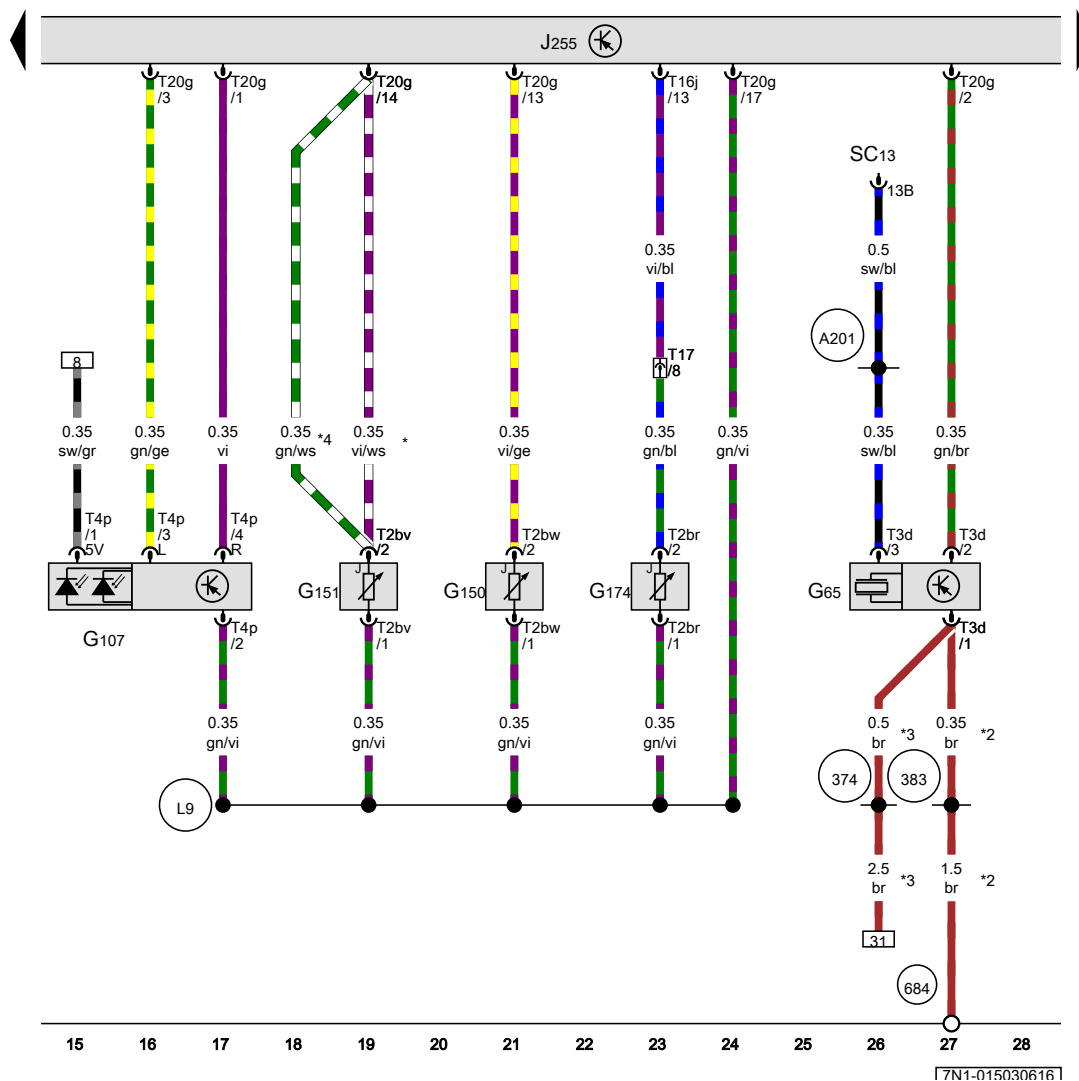
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High-pressure sender, Sunlight penetration photosensor, Left vent temperature sender, Right vent temperature sender, Rear vent temperature sender, Climatronic control unit

- G65 High-pressure sender
- G107 Sunlight penetration photosensor
- G150 Left vent temperature sender
- G151 Right vent temperature sender
- G174 Rear vent temperature sender
- J255 Climatronic control unit, in centre console
- SC13 Fuse 13 on fuse holder C
- T2br 2-pin connector
- T2bv 2-pin connector
- T2bw 2-pin connector
- T3d 3-pin connector
- T4p 4-pin connector
- T16j 16-pin connector
- T17 17-pin connector
- T20g 20-pin connector

- 374 Earth connection 9, in main wiring harness
- 383 Earth connection 18, in main wiring harness
- 684 Earth point on front of left side member
- A201 Positive connection 6 (15a) in dash panel wiring harness
- L9 Connection 1, in air conditioning system wiring harness
- * Up to November 2011
- *2 Up to May 2011
- *3 From May 2011
- *4 From November 2011

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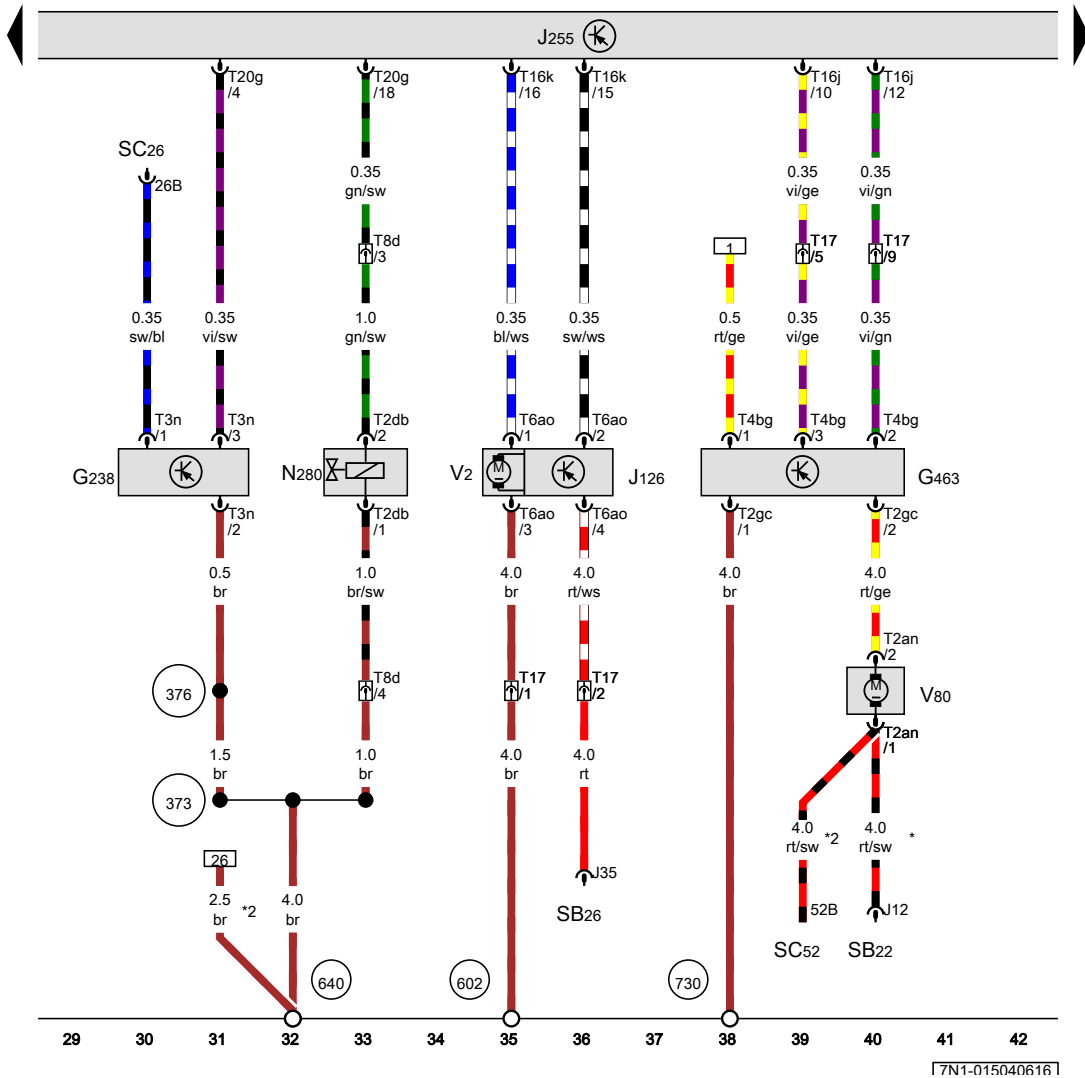
Air quality sensor, Rear blower regulation sender, Fresh air blower control unit, Climatronic control unit, Air conditioner compressor regulating valve, Fresh air blower, Rear fresh air blower

- | | |
|------|---|
| G238 | Air quality sensor |
| G463 | Rear blower regulation sender |
| J126 | Fresh air blower control unit |
| T255 | Climatronic control unit, in centre console |
| N280 | Air conditioner compressor regulating valve |
| SB22 | Fuse 22 on fuse holder B |
| SC26 | Fuse 26 on fuse holder C |
| SB26 | Fuse 26 on fuse holder B |
| SC52 | Fuse 52 on fuse holder C |
| T2an | 2-pin connector |
| T2db | 2-pin connector |
| T2gc | 2-pin connector |
| T3n | 3-pin connector |
| T4bg | 4-pin connector |
| T6ao | 6-pin connector |
| T8d | 8-pin connector |
| T16j | 16-pin connector |
| T16k | 16-pin connector |
| T17 | 17-pin connector |
| T20g | 20-pin connector |
| V2 | Fresh air blower |
| V80 | Rear fresh air blower |

- 373 Earth connection 8, in main wiring harness
- 376 Earth connection 11, in main wiring harness
- 602 Earth point, in front left footwell
- 640 Earth point 2, left in engine compartment
- 730 Earth point 1, on right rear wheel housing

- * Up to May 2011
*2 From May 2011

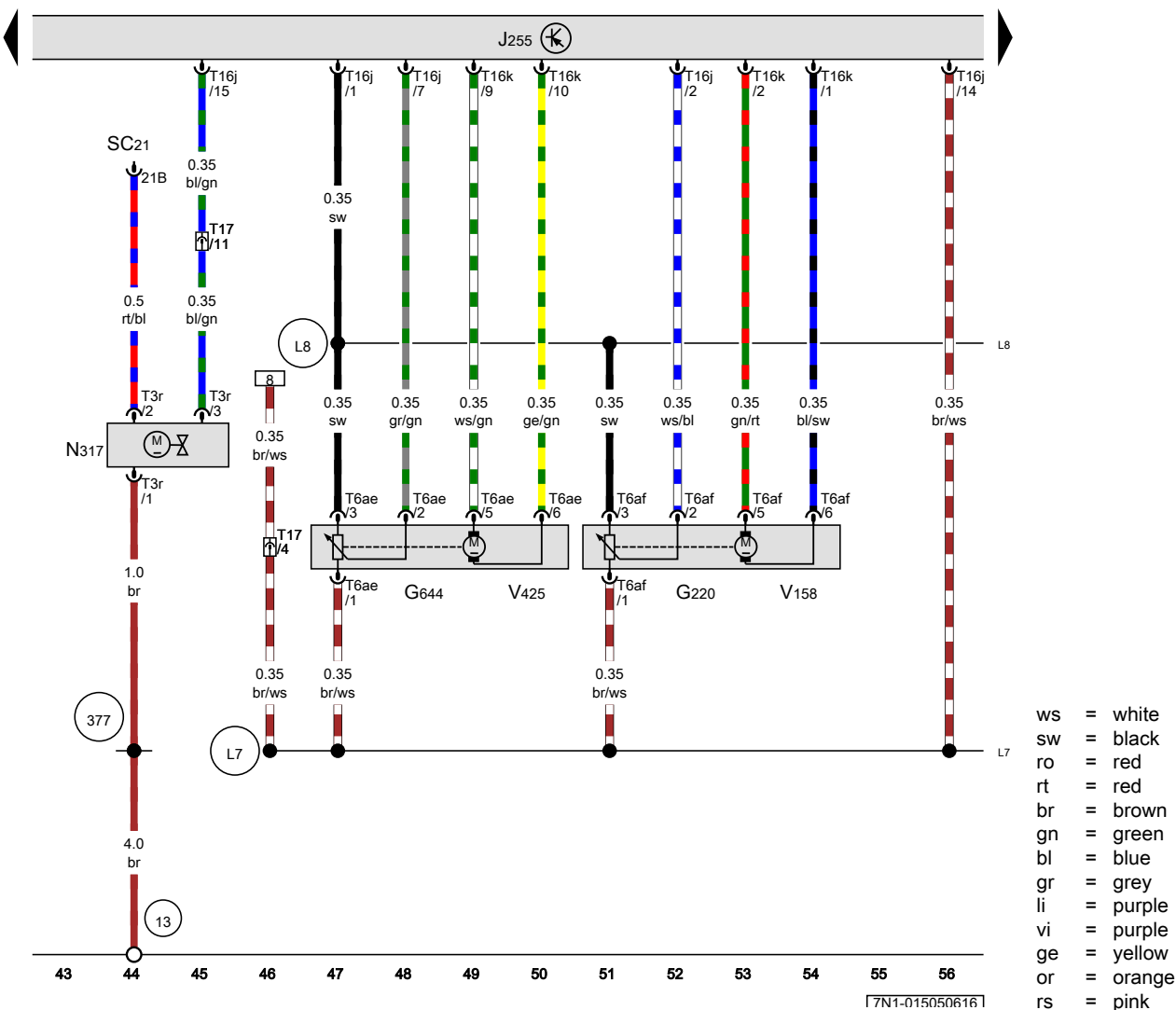
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Potentiometer for left temperature flap control motor,
Potentiometer for fresh air/air recirculation, air flow flap control
control motor, Climatronic control unit, 2nd heat exchanger
switch-off valve, Left temperature flap control motor, Fresh
air/air recirculation, air flow flap control motor

- G220 Potentiometer for left temperature flap control motor
- G644 Potentiometer for fresh air/air recirculation, air flow flap control motor
- J255 Climatronic control unit, in centre console
- N317 2nd heat exchanger switch-off valve
- SC21 Fuse 21 on fuse holder C
- T3r 3-pin connector
- T6ae 6-pin connector
- T6af 6-pin connector
- T16j 16-pin connector
- T16k 16-pin connector
- T17 17-pin connector
- V158 Left temperature flap control motor
- V425 Fresh air/air recirculation, air flow flap control motor

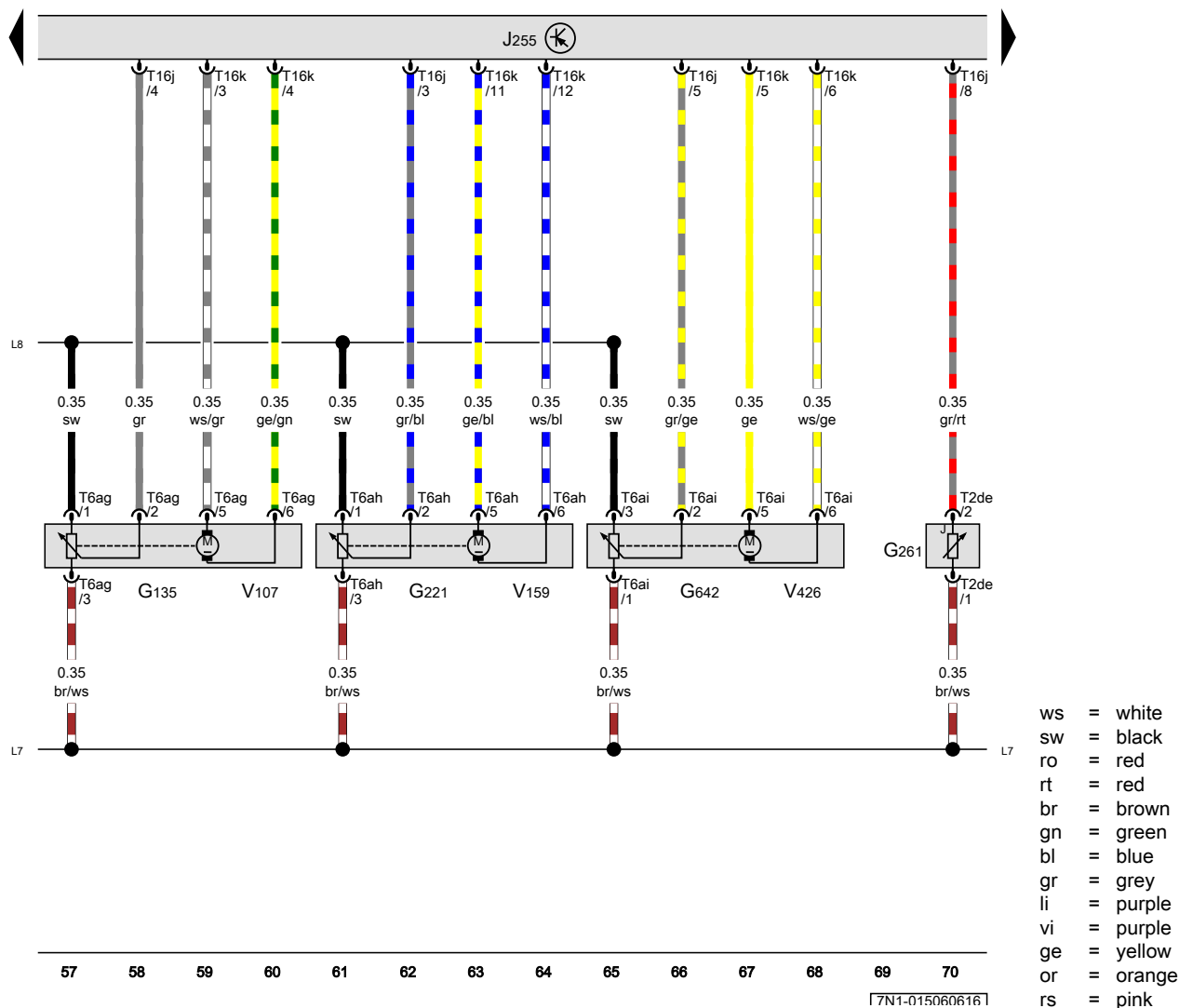
- 13 Earth point, on right in engine compartment
- 377 Earth connection 12, in main wiring harness
- L7 Connection 3, in evaporator housing unit wiring harness
- L8 Connection 4, in evaporator housing unit wiring harness



Potentiometer for defroster flap control motor,
Potentiometer for right temperature flap control motor, Left
footwell vent temperature sender, Potentiometer for front air
distribution flap control motor, Climatronic control unit,
Defroster flap control motor, Right temperature flap control
motor, Front air distribution flap control motor

G135 Potentiometer for defroster flap control motor
G221 Potentiometer for right temperature flap control motor
G261 Left footwell vent temperature sender
G642 Potentiometer for front air distribution flap control motor
J255 Climatronic control unit, in centre console
T2de 2-pin connector
T6ag 6-pin connector
T6ah 6-pin connector
T6ai 6-pin connector
T16j 16-pin connector
T16k 16-pin connector
V107 Defroster 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



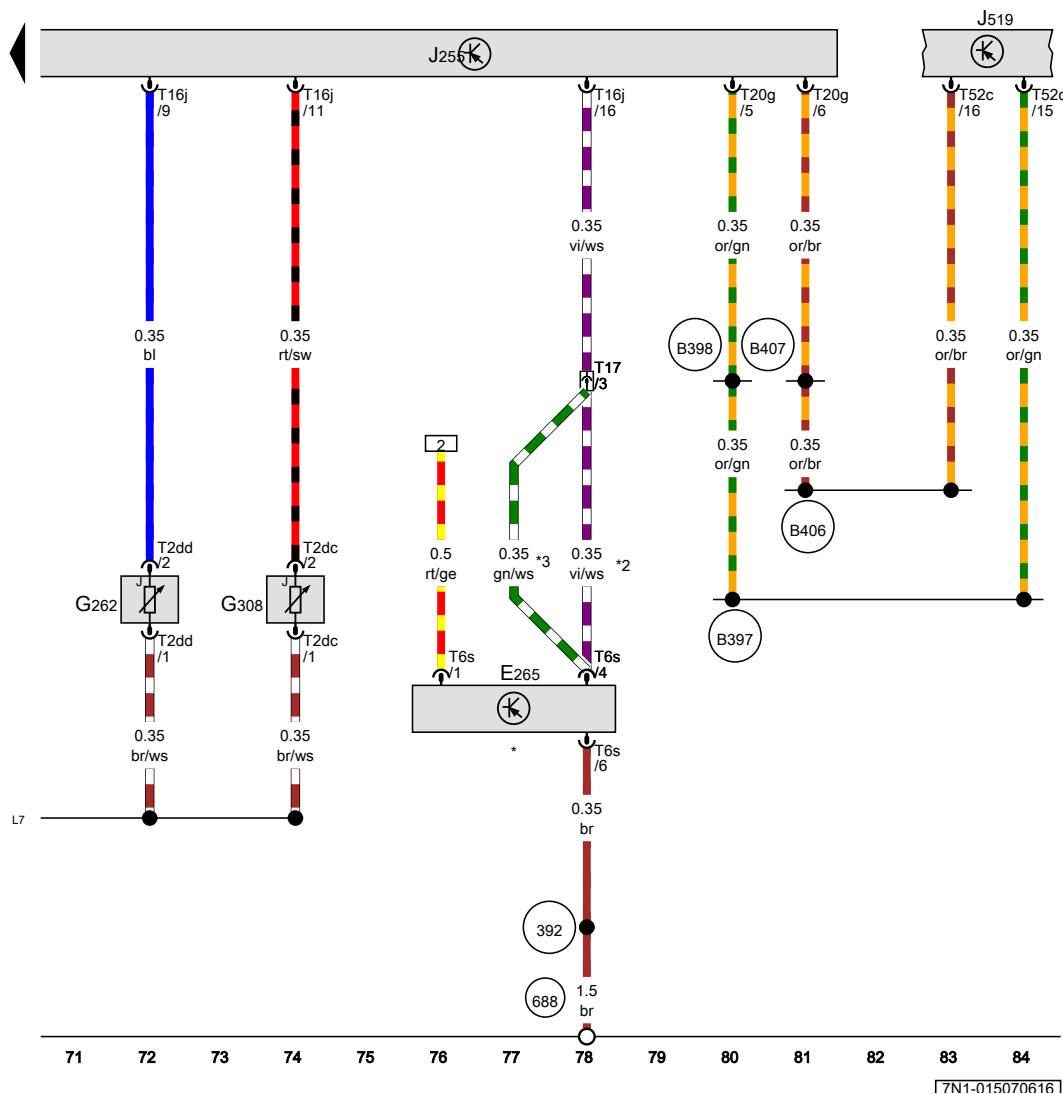
Operating and display unit for rear air conditioning system, Right footwell vent temperature sender, Evaporator temperature sensor, Climatronic control unit, Onboard supply control unit

- E265 Operating and display unit for rear air conditioning system
- G262 Right footwell vent temperature sender
- G308 Evaporator temperature sensor
- J255 Climatronic control unit, in centre console
- J519 Onboard supply control unit
- T2dc 2-pin connector
- T2dd 2-pin connector
- T6s 6-pin connector
- T16j 16-pin connector
- T17 17-pin connector
- T20g 20-pin connector
- T52c 52-pin connector

- 392 Earth connection 27, in main wiring harness
- 688 Earth point 2, 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
- L7 Connection 3, in evaporator housing unit wiring harness

- * According to equipment
- *2 Up to November 2011
- *3 From November 2011

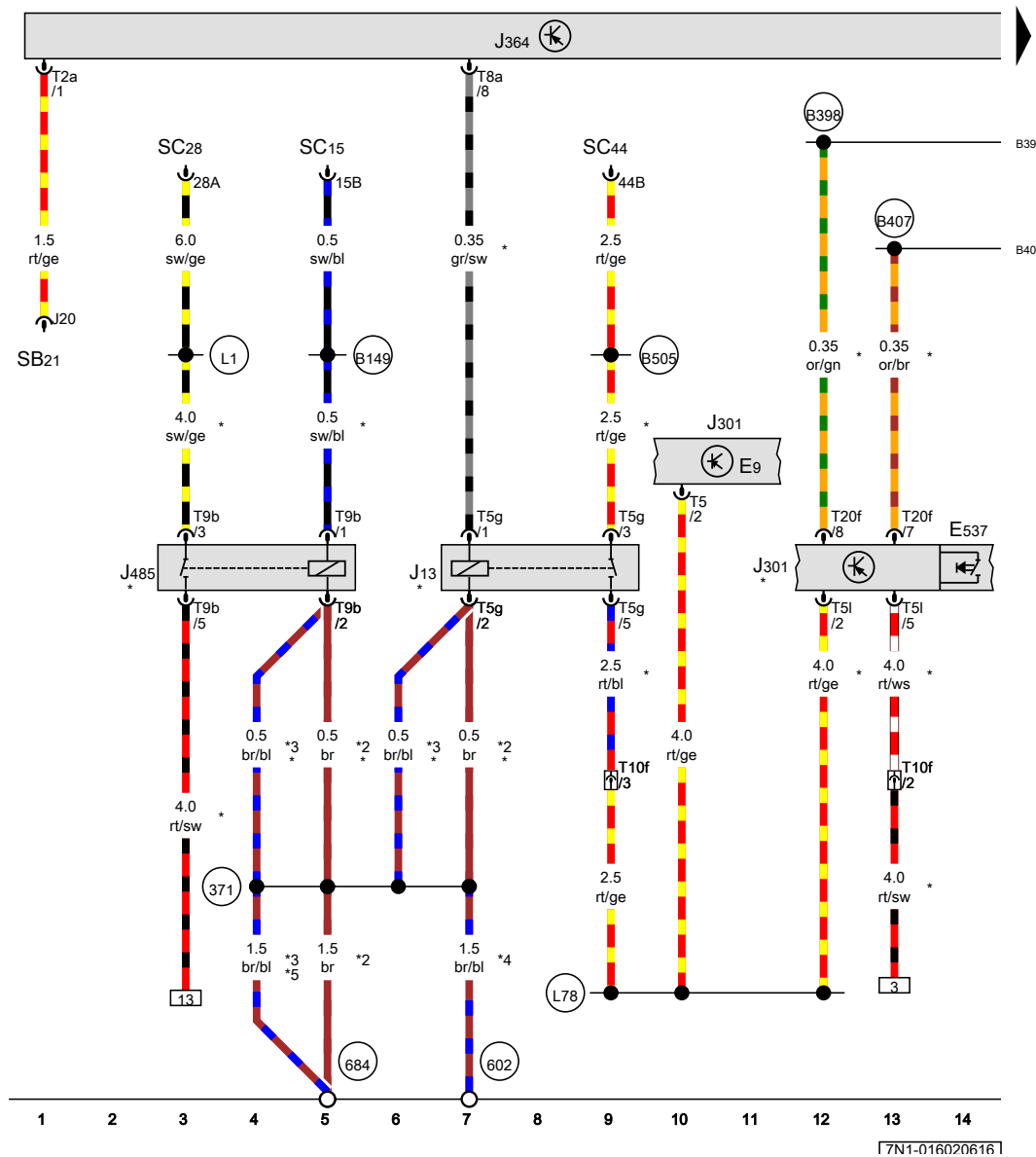
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Auxiliary heater

From May 2010

Fresh air blower relay, Auxiliary heater control unit, Auxiliary heater operation relay

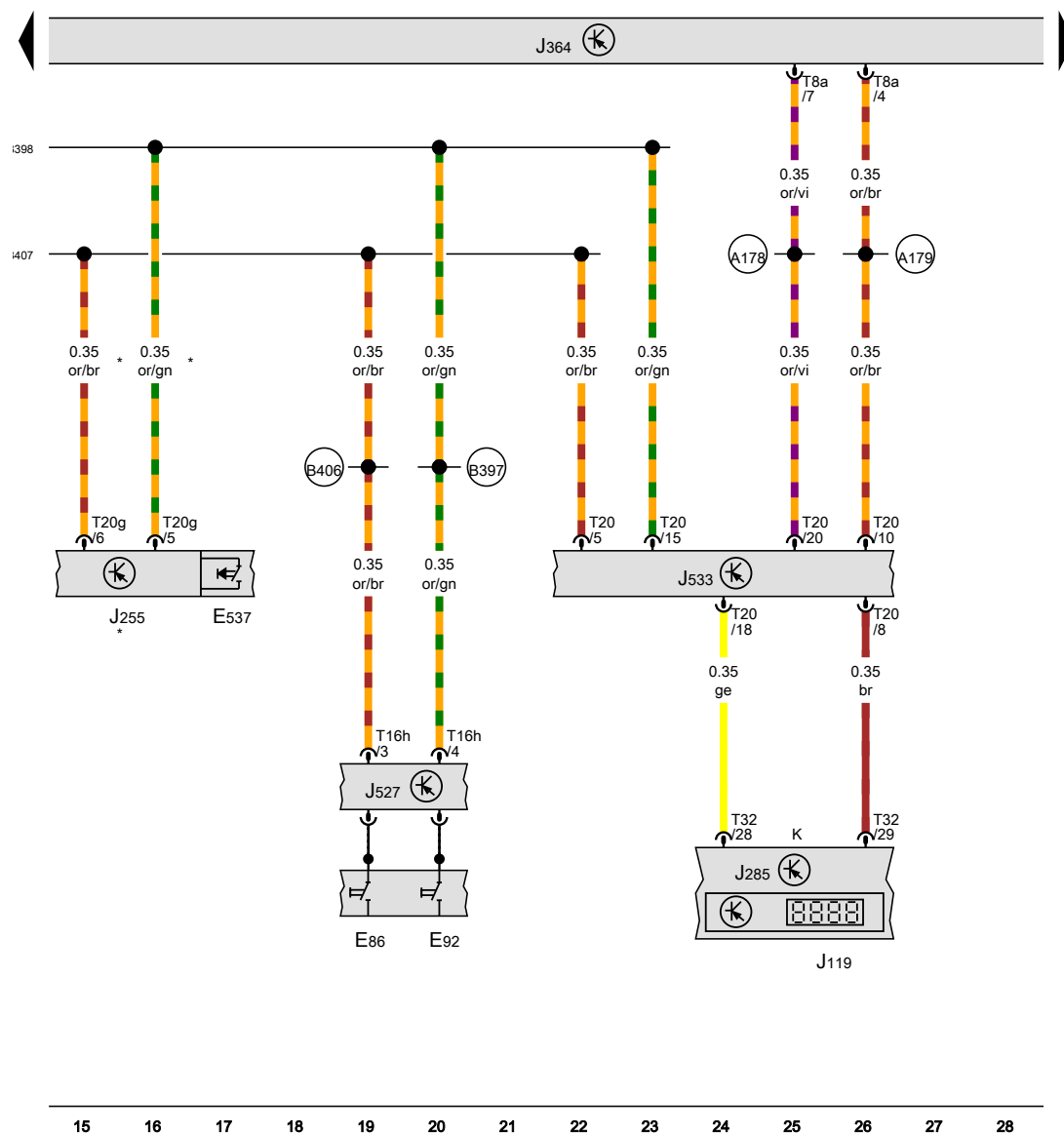


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- E9 Fresh air blower switch
- E537 Instant heating button
- J13 Fresh air blower relay
- J301 Air conditioning system control unit
- J364 Auxiliary heater control unit
- J485 Auxiliary heater operation relay
- SC15 Fuse 15 on fuse holder C
- SB21 Fuse 21 on fuse holder B
- SC28 Fuse 28 on fuse holder C
- SC44 Fuse 44 on fuse holder C
- T2a 2-pin connector
- T5 5-pin connector
- T5g 5-pin connector
- T5l 5-pin connector
- T8a 8-pin connector
- T9b 9-pin connector
- T10f 10-pin connector
- T20f 20-pin connector

- 371 Earth connection 6, in main wiring harness
- 602 Earth point, in front left footwell
- 684 Earth point on front of left side member
- B149 Positive connection 2 (15a), in interior wiring harness
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness
- B505 Positive connection 9 (30a), in interior wiring harness
- L1 Positive connection (75), in air conditioning system wiring harness
- L78 Connection 1, in fresh air blower wiring harness

- * Only models with air conditioning system
- *2 Up to April 2011
- *3 From May 2011
- *4 From November 2011
- *5 Up to October 2011



Auxiliary heater control unit

- E86 Multifunction display call-up button
- E92 Reset button
- E537 Instant heating button
- J119 Multifunction indicator
- J255 Climatronic control unit
- J285 Control unit in dash panel insert
- J364 Auxiliary heater control unit
- J527 Steering column electronics control unit
- J533 Data bus diagnostic interface
- K Dash panel insert
- T8a 8-pin connector
- T16h 16-pin connector
- T20 20-pin connector
- T20g 20-pin connector
- T32 32-pin connector

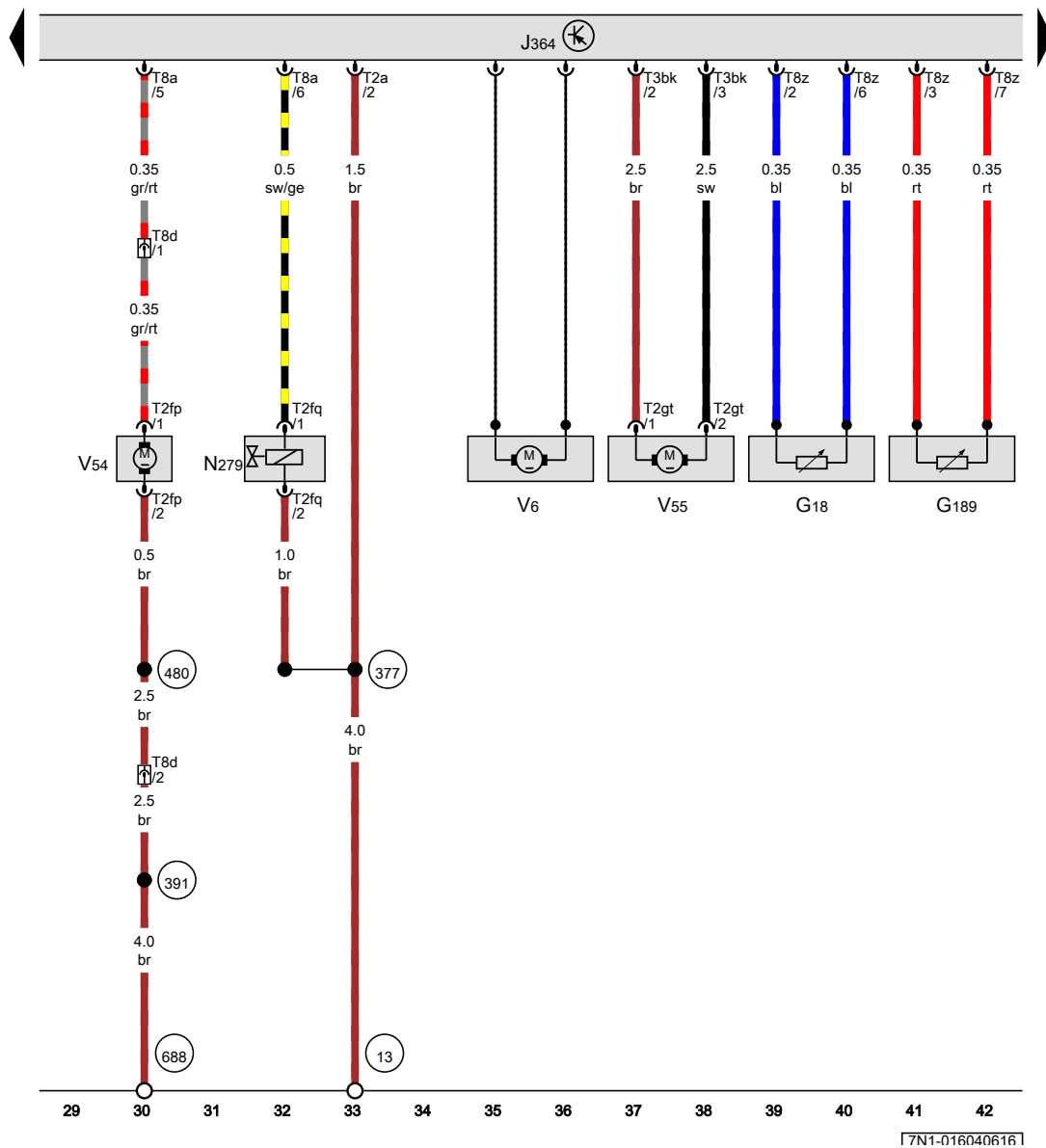
- A178 Connection (infotainment CAN bus, high), in dash panel wiring harness
- A179 Connection (infotainment CAN bus, low), in dash panel wiring harness
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness

* Only models with Climatronic

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

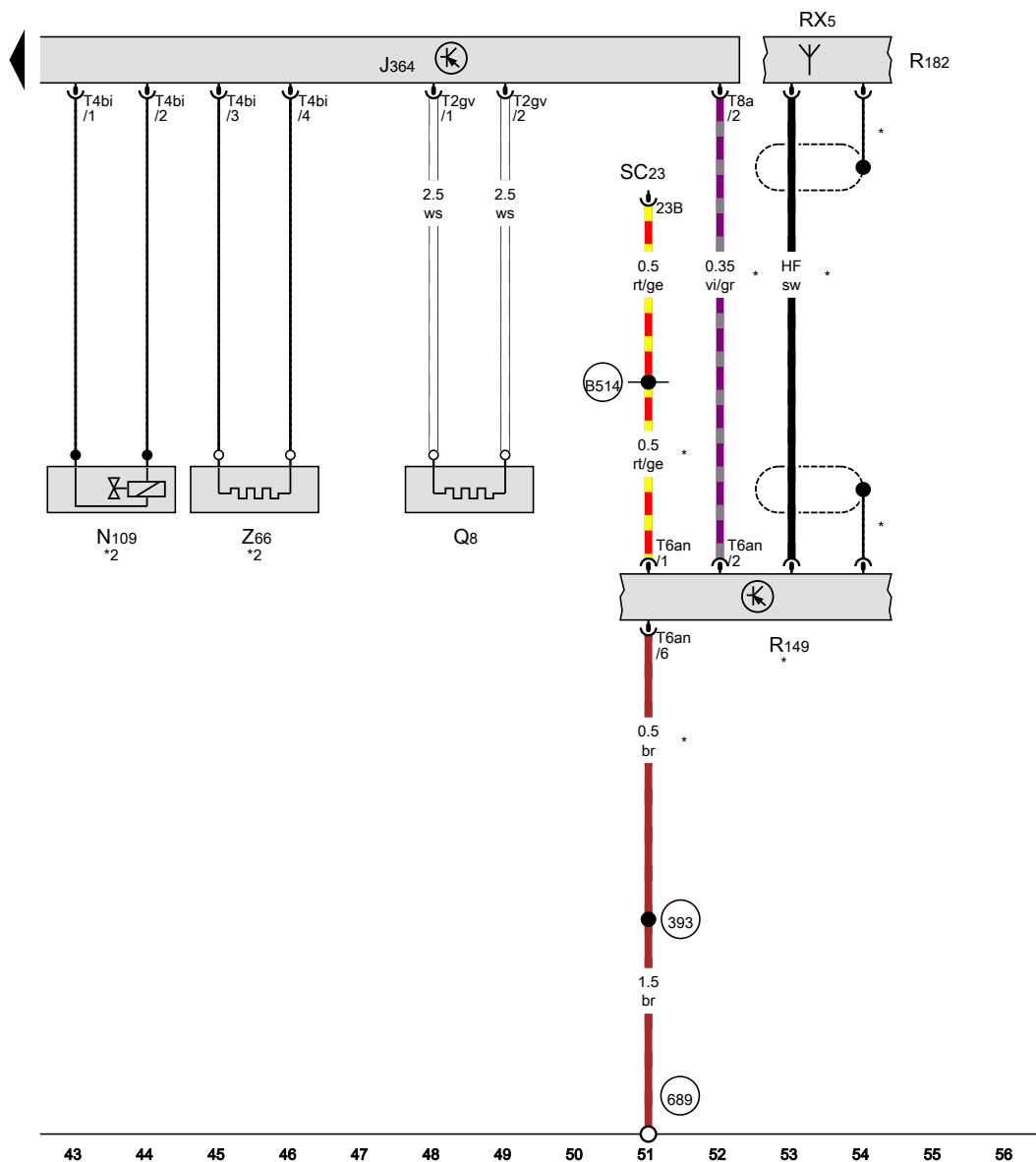
[7N1-016030616]

Temperature sensor, Overheating sensor, Auxiliary heater control unit, Combustion air blower, Circulation pump



17N1-016040616

Auxiliary heater control unit, Fuel shut-off valve, Glow plug with flame monitor, Roof aerial, Remote control receiver for auxiliary coolant heater, Fuel pre-heating heater element



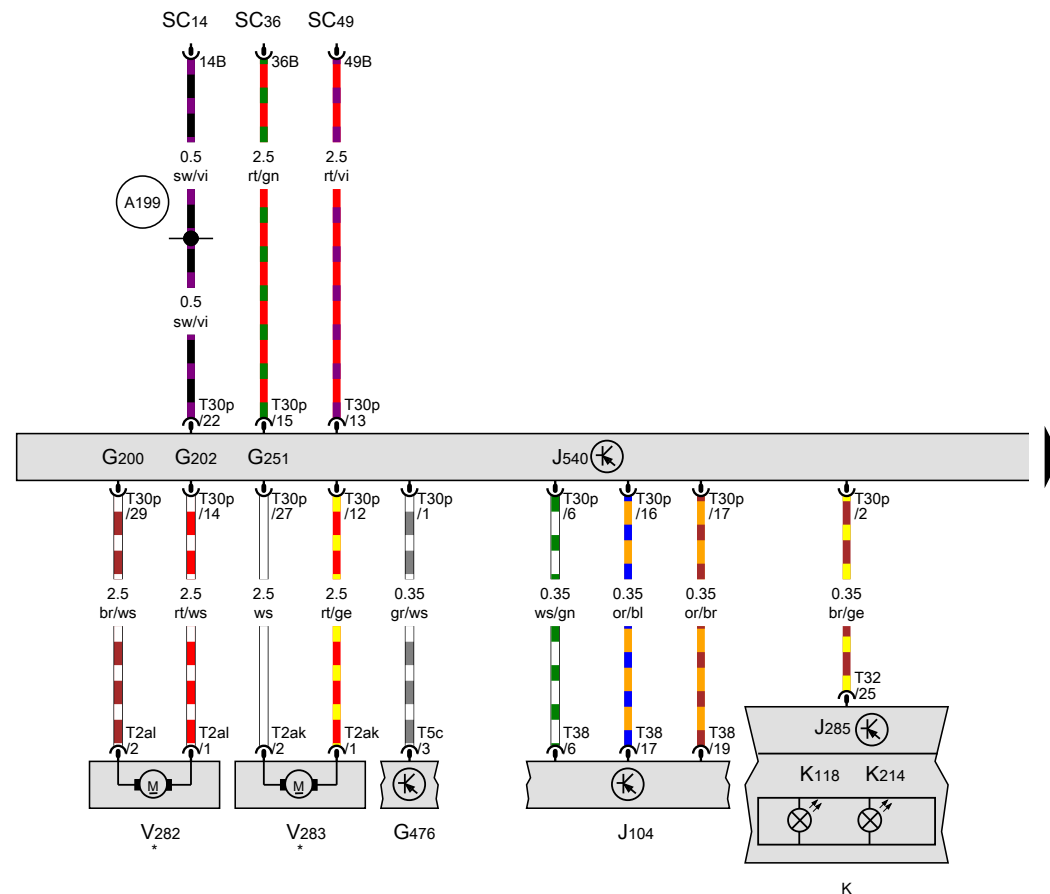
- J364 Auxiliary heater control unit
- N109 Fuel shut-off valve
- Q8 Glow plug with flame monitor
- RX5 Roof aerial
- R149 Remote control receiver for auxiliary coolant heater
- R182 Auxiliary heater aerial
- SC23 Fuse 23 on fuse holder C
- T2gv 2-pin connector
- T4bi 4-pin connector
- T6an 6-pin connector
- T8a 8-pin connector
- Z66 Fuel pre-heating heater element
- 393 Earth connection 28, in main wiring harness
- 689 Earth point, at front, central in roof
- B514 Positive connection 10 (30a), in interior wiring harness
- * Only models with remote controlled auxiliary heater
- *2 Only models with diesel engine

ws = white
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Electromechanical parking brake

From May 2010

Clutch position sender, ABS control unit, Control unit for electromechanical parking brake, Dash panel insert, Left parking brake motor, Right parking brake motor

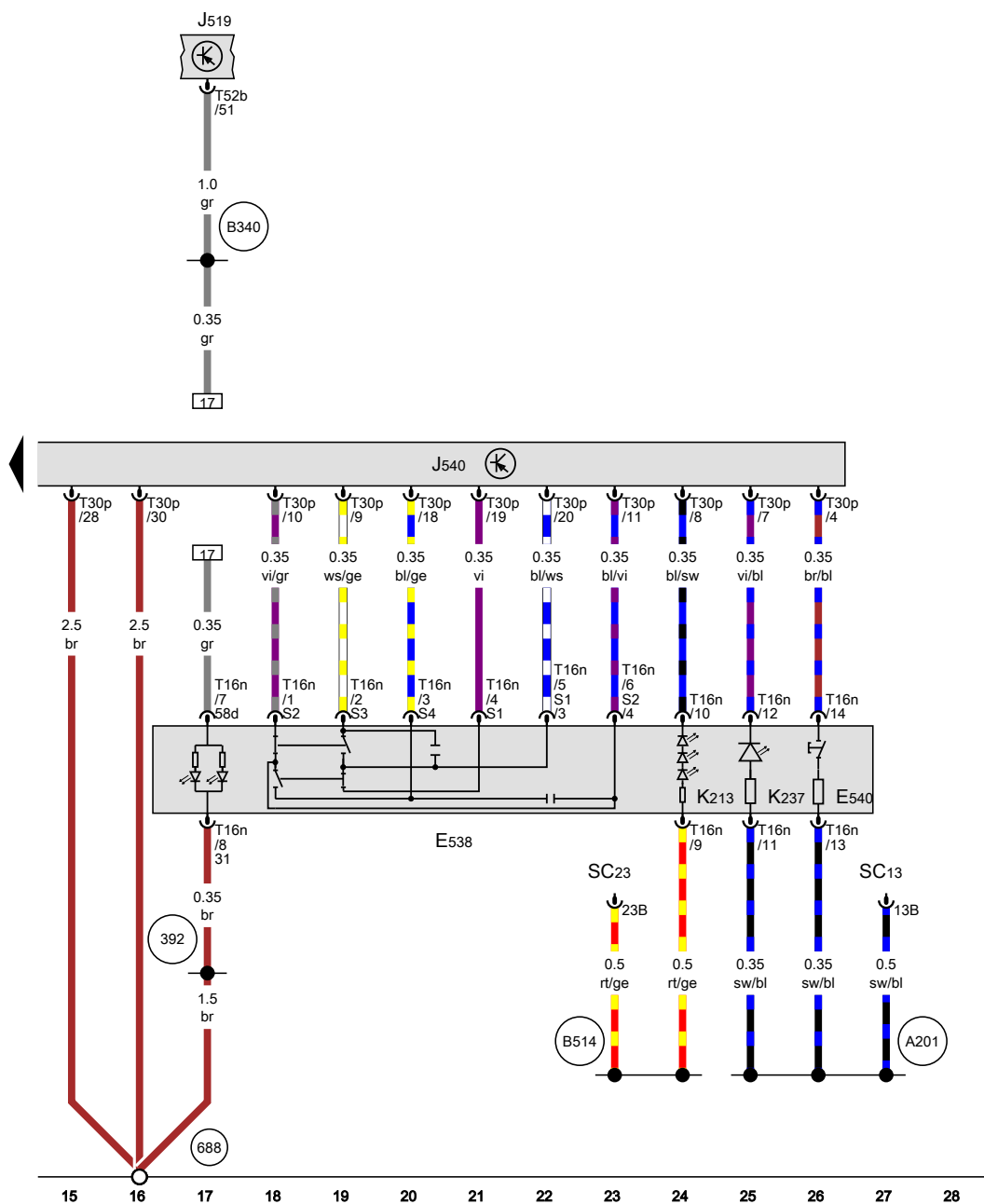


- G200 Lateral acceleration sender
- G202 Yaw rate sender
- G251 Longitudinal acceleration sender
- G476 Clutch position sender
- J104 ABS control unit
- J285 Control unit in dash panel insert
- J540 Control unit for electromechanical parking brake, under centre console
- K Dash panel insert
- K118 Brake system warning lamp
- K214 Electric parking brake and handbrake fault warning lamp
- SC14 Fuse 14 on fuse holder C
- SC36 Fuse 36 on fuse holder C
- SC49 Fuse 49 on fuse holder C
- T2ak 2-pin connector
- T2al 2-pin connector
- T5c 5-pin connector
- T30p 30-pin connector
- T32 32-pin connector
- T38 38-pin connector
- V282 Left parking brake motor
- V283 Right parking brake motor

A199 Positive connection 4 (15a) in dash panel wiring harness

* According to equipment

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
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 bl = blue
 gr = grey
 li = purple
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Electromechanical parking brake button, Auto-hold button, Onboard supply control unit, Control unit for electromechanical parking brake, Electromechanical parking brake warning lamp, Auto-hold warning lamp

- E538 Electromechanical parking brake button
- E540 Auto-hold button
- J519 Onboard supply control unit
- J540 Control unit for electromechanical parking brake, under centre console
- K213 Electromechanical parking brake warning lamp
- K237 Auto-hold warning lamp
- SC13 Fuse 13 on fuse holder C
- SC23 Fuse 23 on fuse holder C
- T16n 16-pin connector
- T30p 30-pin connector
- T52b 52-pin connector

- 392 Earth connection 27, in main wiring harness
- 688 Earth point 2, on centre tunnel
- A201 Positive connection 6 (15a) in dash panel wiring harness
- B340 Connection 1 (58d), in main wiring harness
- B514 Positive connection 10 (30a), in interior wiring harness

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 br = brown
 gn = green
 bl = blue
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Electric seat adjustment with no memory function

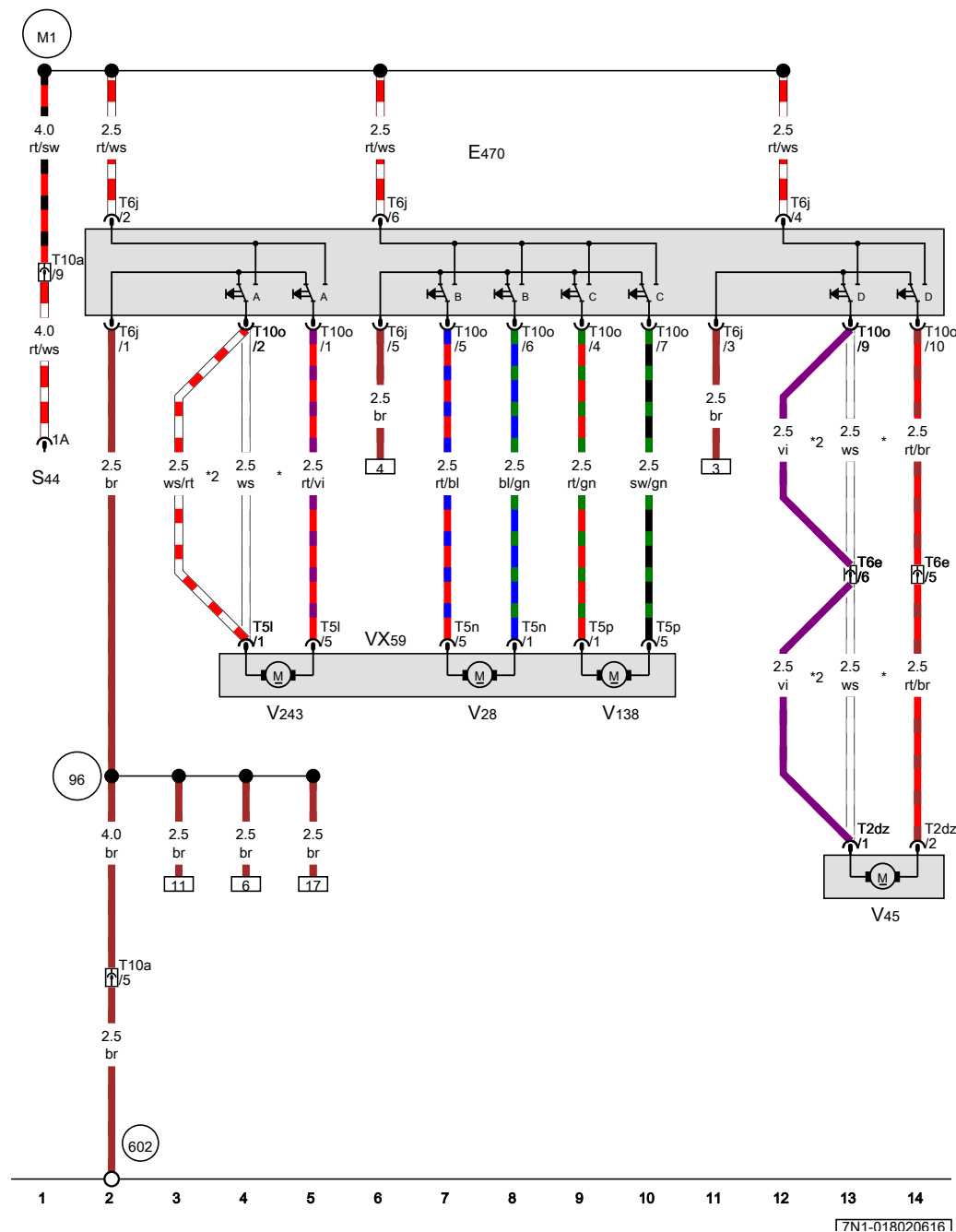
From May 2010

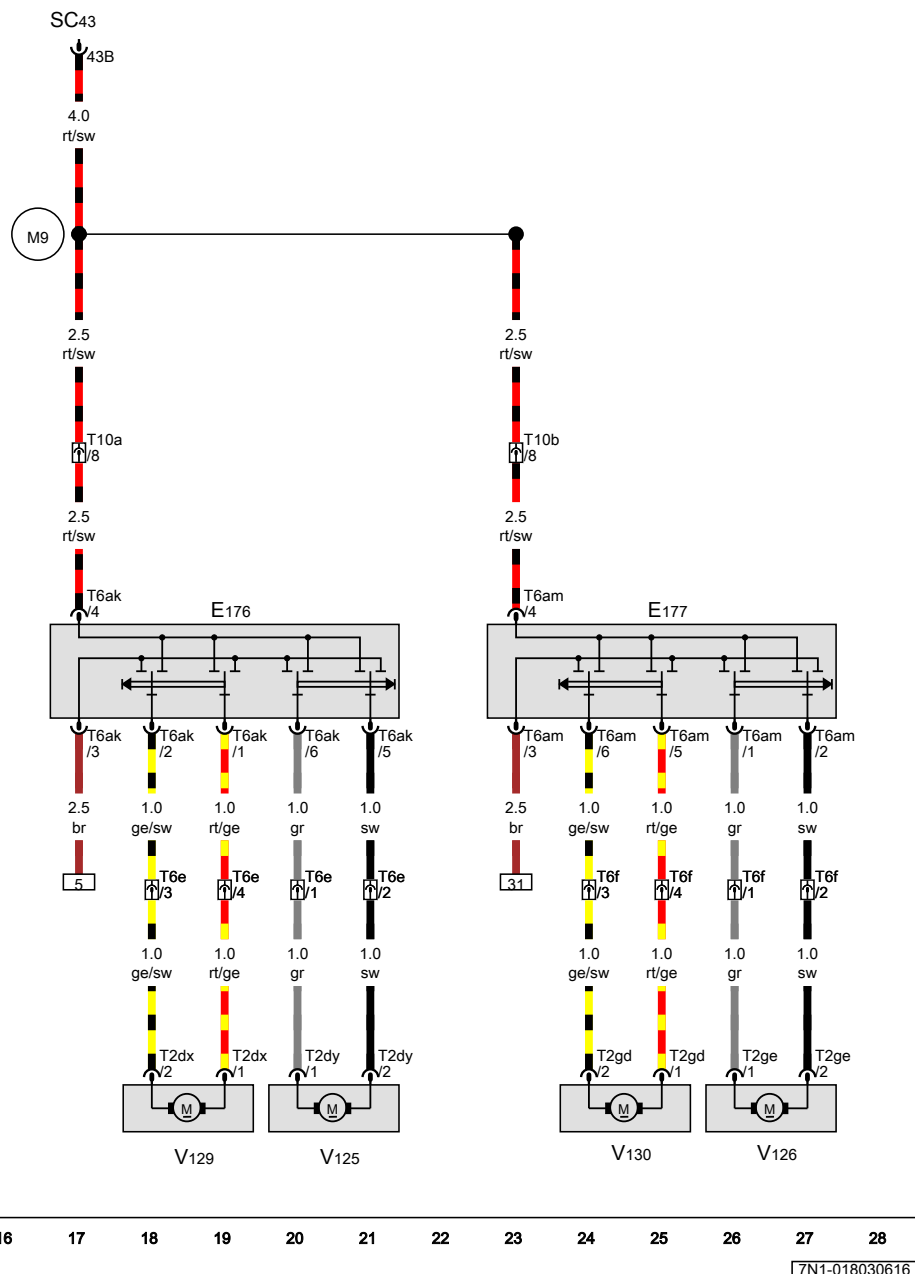
Driver seat adjustment operating unit, Driver seat adjustment thermal fuse 1, Driver seat backrest adjustment motor, Driver seat pan

- E470 Driver seat adjustment operating unit
- S44 Driver seat adjustment thermal fuse 1
- T2dz 2-pin connector
- T5l 5-pin connector
- T5n 5-pin connector
- T5p 5-pin connector
- T6e 6-pin connector
- T6j 6-pin connector
- T10a 10-pin connector
- T10o 10-pin connector
- V28 Driver seat longitudinal adjustment motor
- V45 Driver seat backrest adjustment motor
- VX59 Driver seat pan
- V138 Driver seat height adjustment motor
- V243 Driver seat rake adjustment motor

- 96 Earth connection 1, in seat heating wiring harness
- 602 Earth point, in front left footwell
- M1 Positive connection 1 (30), in seat adjustment wiring harness
- * Up to May 2011
- *2 From May 2011

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Driver seat lumbar support adjustment switch, Front passenger seat lumbar support adjustment switch, Driver seat lumbar support longitudinal adjustment motor, Front passenger seat lumbar support longitudinal adjustment motor, Driver seat lumbar support height adjustment motor, Front passenger seat lumbar support height adjustment motor

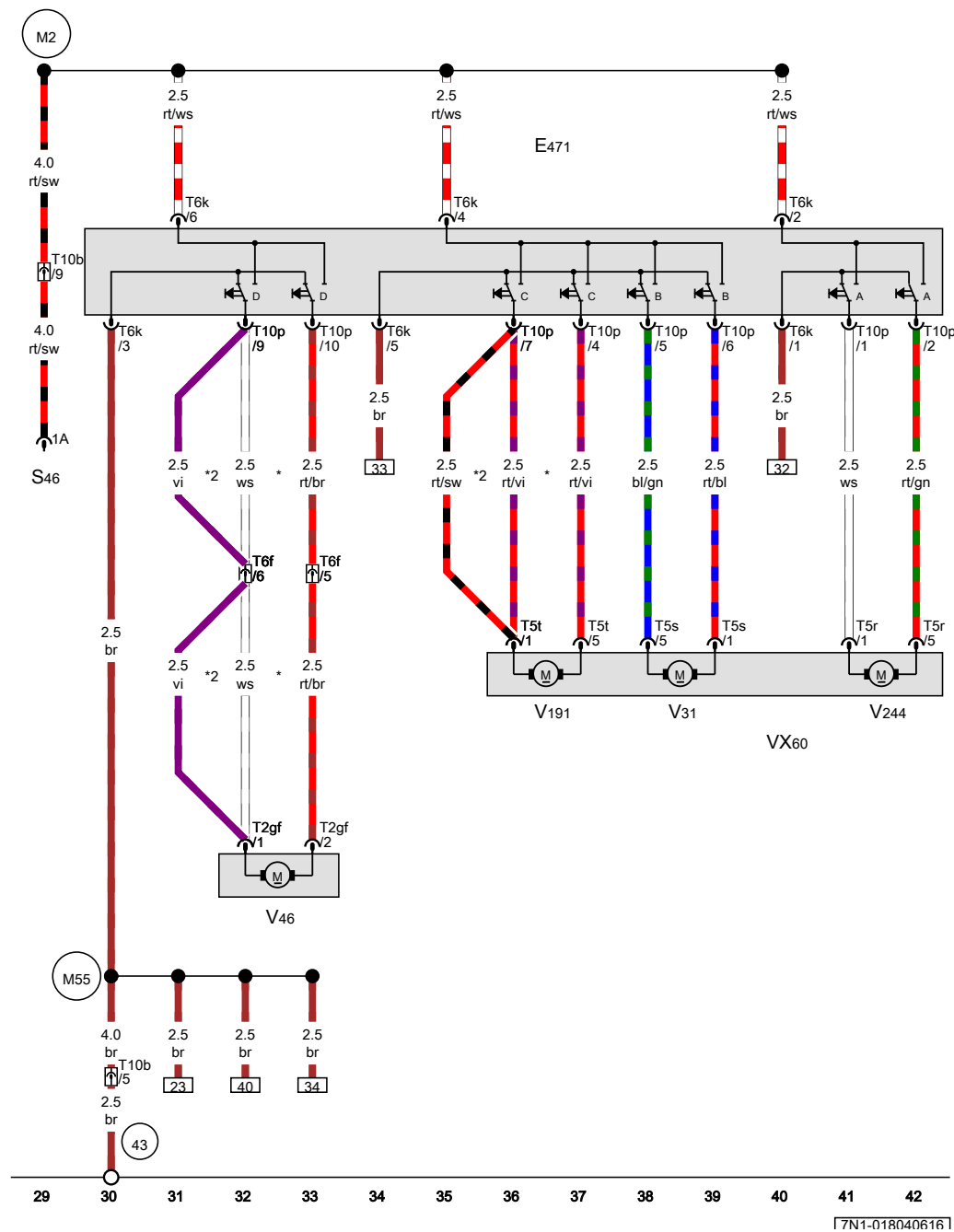
- E176 Driver seat lumbar support adjustment switch
- E177 Front passenger seat lumbar support adjustment switch
- SC43 Fuse 43 on fuse holder C
- T2dx 2-pin connector
- T2dy 2-pin connector
- T2gd 2-pin connector
- T2ge 2-pin connector
- T6ak 6-pin connector
- T6am 6-pin connector
- T6e 6-pin connector
- T6f 6-pin connector
- T10a 10-pin connector
- T10b 10-pin connector
- V125 Driver seat lumbar support longitudinal adjustment motor
- V126 Front passenger seat lumbar support longitudinal adjustment motor
- V129 Driver seat lumbar support height adjustment motor
- V130 Front passenger seat lumbar support height adjustment motor
- M9 Connection, in seat adjustment wiring harness

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Front passenger seat adjustment operating unit, Front passenger seat adjustment thermal fuse 1, Front passenger seat backrest adjustment motor, Front passenger seat pan

- E471 Front passenger seat adjustment operating unit
- S46 Front passenger seat adjustment thermal fuse 1
- T2gf 2-pin connector
- T5r 5-pin connector
- T5s 5-pin connector
- T5t 5-pin connector
- T6f 6-pin connector
- T6k 6-pin connector
- T10b 10-pin connector
- T10p 10-pin connector
- V31 Front passenger seat longitudinal adjustment motor
- V46 Front passenger seat backrest adjustment motor
- VX60 Front passenger seat pan
- V191 Front passenger seat height adjustment motor
- V244 Front passenger seat rake adjustment motor

- 43 Earth point, lower part of right A-pillar
- M2 Positive connection 2 (30), in seat adjustment wiring harness
- M55 Connection 5, in front passenger seat wiring harness
- * Up to May 2011
- *2 From May 2011



17N1-018040616

Electric seat adjustment with memory function

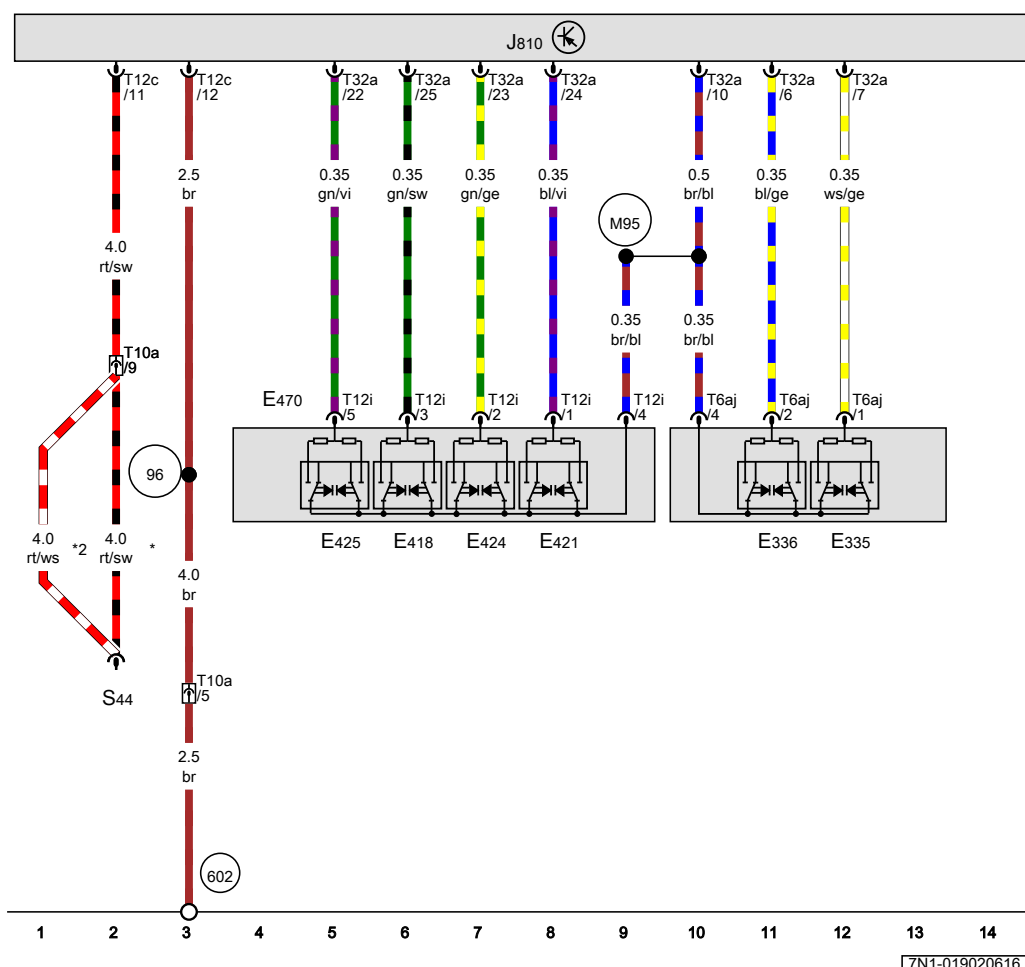
From May 2010

Lumbar support height adjustment button, Lumbar support longitudinal adjustment button, Driver seat adjustment operating unit, Driver seat adjustment control unit, Driver seat adjustment thermal fuse 1

- E335 Lumbar support height adjustment button
- E336 Lumbar support longitudinal adjustment button
- E418 Seat longitudinal adjustment button
- E421 Rake adjustment button
- E424 Seat height adjustment button
- E425 Backrest adjustment button
- E470 Driver seat adjustment operating unit
- J810 Driver seat adjustment control unit
- S44 Driver seat adjustment thermal fuse 1
- T6aj 6-pin connector
- T10a 10-pin connector
- T12c 12-pin connector
- T12i 12-pin connector
- T32a 32-pin connector

- 96 Earth connection 1, in seat heating wiring harness
- 602 Earth point, in front left footwell
- M95 Connection 3, seat adjustment wiring harness

- * Up to May 2011
- *2 From May 2011



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

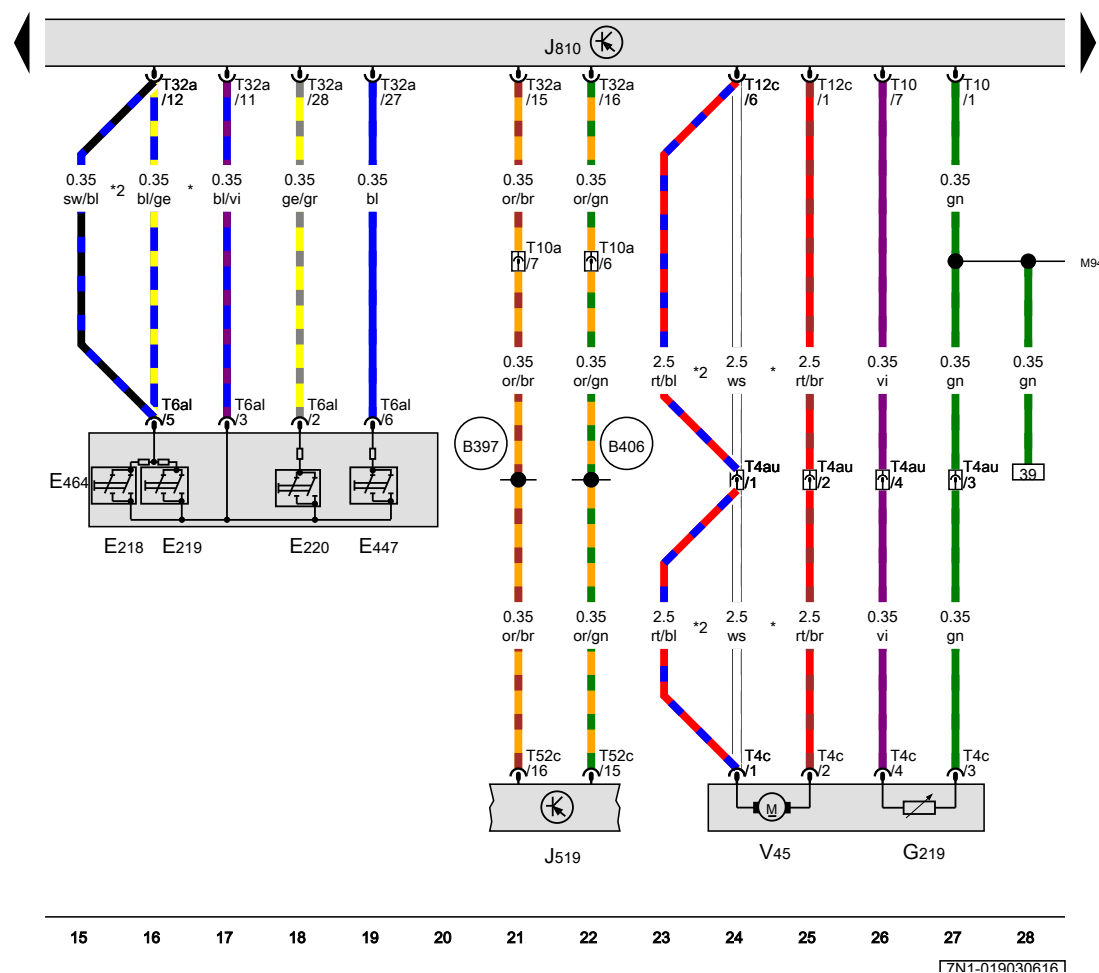
Driver operating unit for memory settings, Backrest adjustment sender for driver seat, Onboard supply control unit, Driver seat adjustment control unit, Driver seat backrest adjustment motor

- E218 Seat memory position button 1
- E219 Seat memory position button 2
- E220 Seat memory position button 3
- E447 Seat position memory button
- E464 Driver operating unit for memory settings
- G219 Backrest adjustment sender for driver seat
- J519 Onboard supply control unit
- J810 Driver seat adjustment control unit
- T4au 4-pin connector
- T4c 4-pin connector
- T6al 6-pin connector
- T10 10-pin connector
- T10a 10-pin connector
- T12c 12-pin connector
- T32a 32-pin connector
- T52c 52-pin connector
- V45 Driver seat backrest adjustment motor

- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- M94 Connection 2, seat adjustment wiring harness

- * Up to May 2011
- *2 From May 2011

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li = purple
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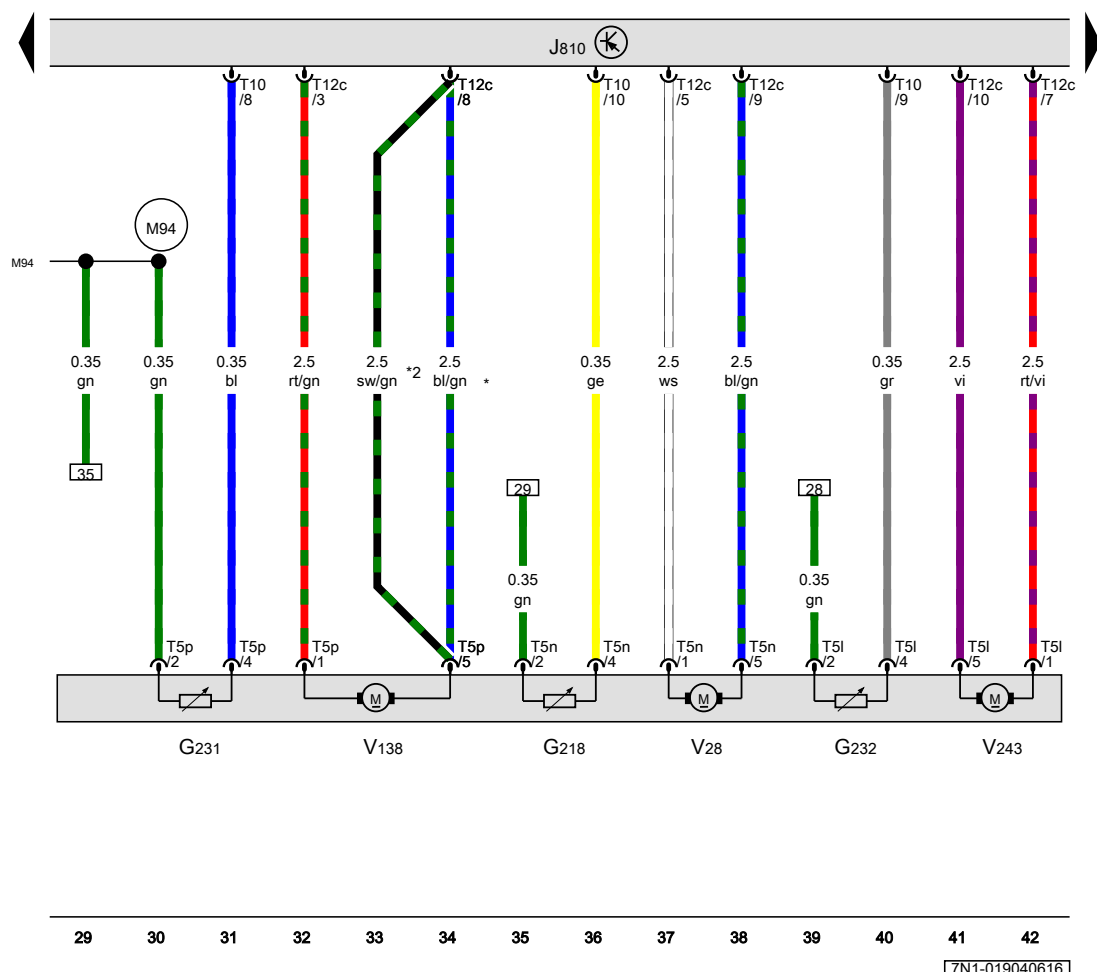
Longitudinal adjustment sender for driver seat, Height adjustment sender for driver seat, Rake adjustment sender for driver seat, Driver seat adjustment control unit, Driver seat longitudinal adjustment motor, Driver seat height adjustment motor, Driver seat rake adjustment motor

- G218 Longitudinal adjustment sender for driver seat
- G231 Height adjustment sender for driver seat
- G232 Rake adjustment sender for driver seat
- J810 Driver seat adjustment control unit
- T5l 5-pin connector
- T5n 5-pin connector
- T5p 5-pin connector
- T10 10-pin connector
- T12c 12-pin connector
- V28 Driver seat longitudinal adjustment motor
- V138 Driver seat height adjustment motor
- V243 Driver seat rake adjustment motor

M94 Connection 2, seat adjustment wiring harness

* Up to May 2011

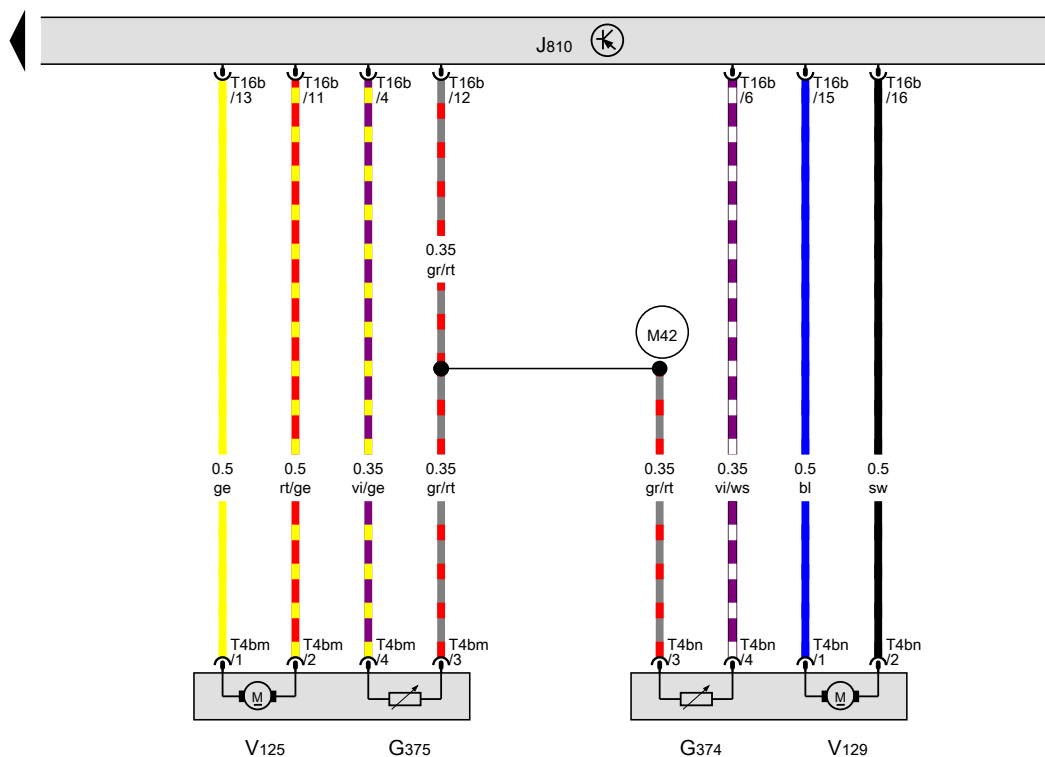
*2 From May 2011



Lumbar support height adjustment sender, Lumbar support longitudinal adjustment sender, Driver seat adjustment control unit, Driver seat lumbar support longitudinal adjustment motor, Driver seat lumbar support height adjustment motor

- G374 Lumbar support height adjustment sender
- G375 Lumbar support longitudinal adjustment sender
- J810 Driver seat adjustment control unit
- T4bm 4-pin connector
- T4bn 4-pin connector
- T16b 16-pin connector
- V125 Driver seat lumbar support longitudinal adjustment motor
- V129 Driver seat lumbar support height adjustment motor

M42 Connection 2, in driver seat wiring harness



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Headlight washer system

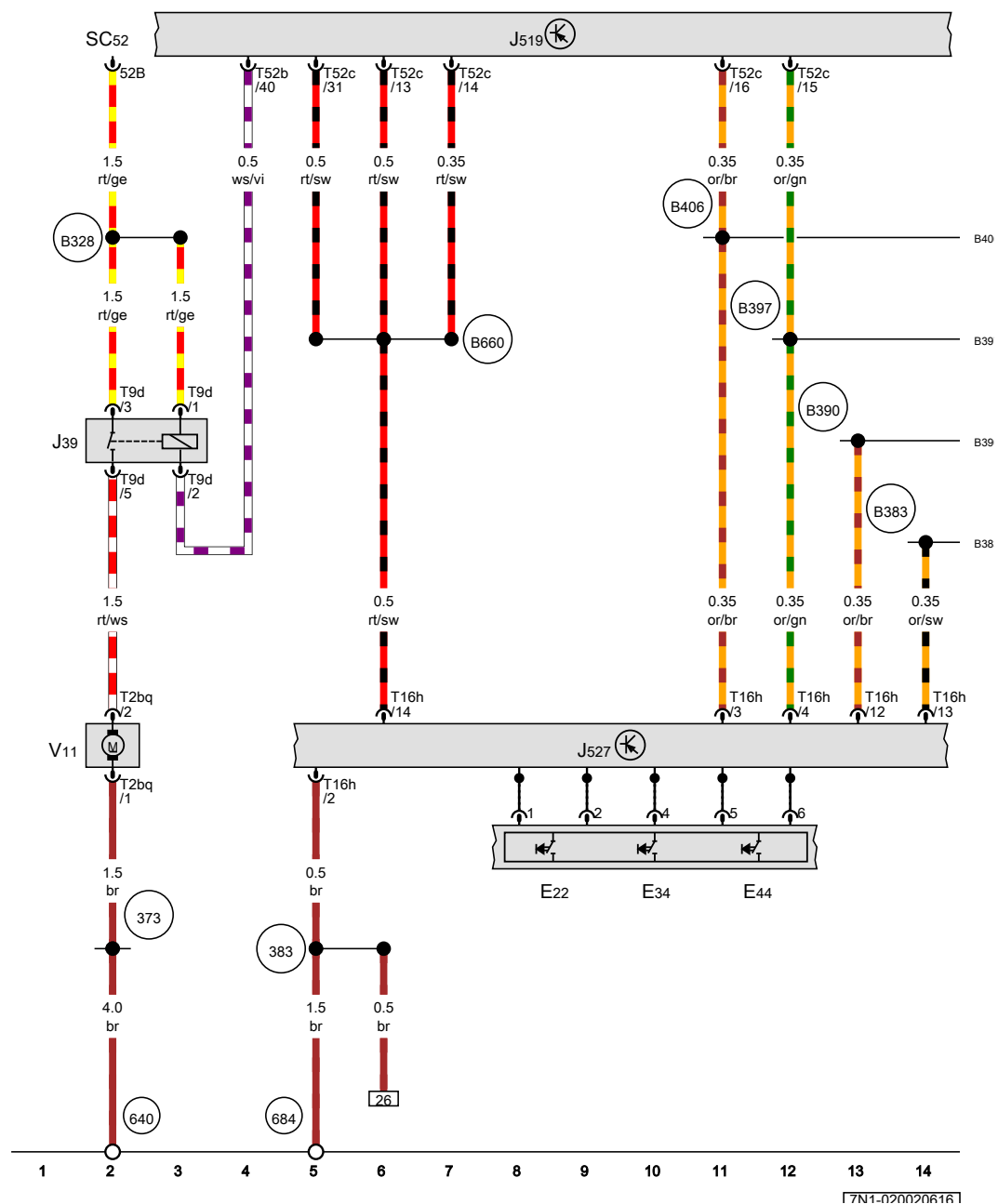
From May 2010

Intermittent wiper switch, Rear wiper switch, Washer pump switch (automatic wash/wipe and headlight washer system), Headlight washer system relay, Onboard supply control unit, Steering column electronics control unit, Headlight washer system pump

- E22 Intermittent wiper switch
- E34 Rear wiper switch
- E44 Washer pump switch (automatic wash/wipe and headlight washer system)
- J39 Headlight washer system relay
- J519 Onboard supply control unit
- J527 Steering column electronics control unit
- SC52 Fuse 52 on fuse holder C
- T2bq 2-pin connector
- T9d 9-pin connector
- T16h 16-pin connector
- T52b 52-pin connector
- T52c 52-pin connector
- V11 Headlight washer system pump

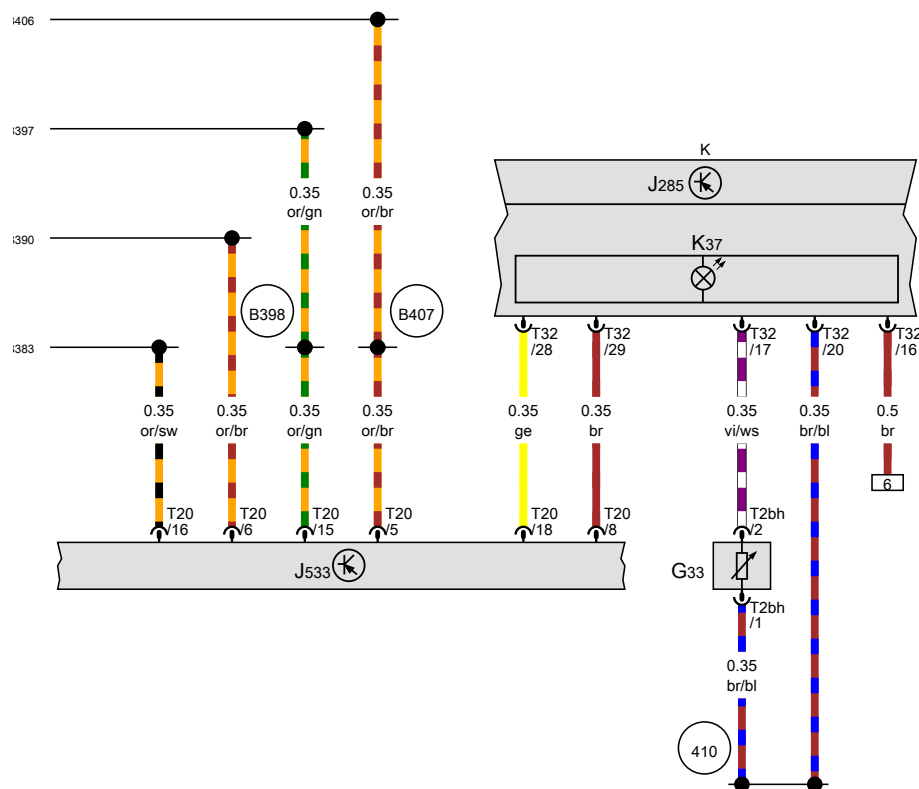
- 373 Earth connection 8, in main wiring harness
- 383 Earth connection 18, in main wiring harness
- 640 Earth point 2, left in engine compartment
- 684 Earth point on front of left side member
- B328 Positive connection 14 (30a) in main wiring harness
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- B660 Connection (diagnosis terminal 50), in main wiring harness

ws = white
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 ro = red
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 gr = grey
 li = purple
 vi = purple
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Windscreen washer fluid level sender, Data bus diagnostic interface, Dash panel insert

- G33 Windscreen washer fluid level sender
- J285 Control unit in dash panel insert
- J533 Data bus diagnostic interface
- K Dash panel insert
- K37 Washer fluid level warning lamp
- T2bh 2-pin connector
- T20 20-pin connector
- T32 32-pin connector



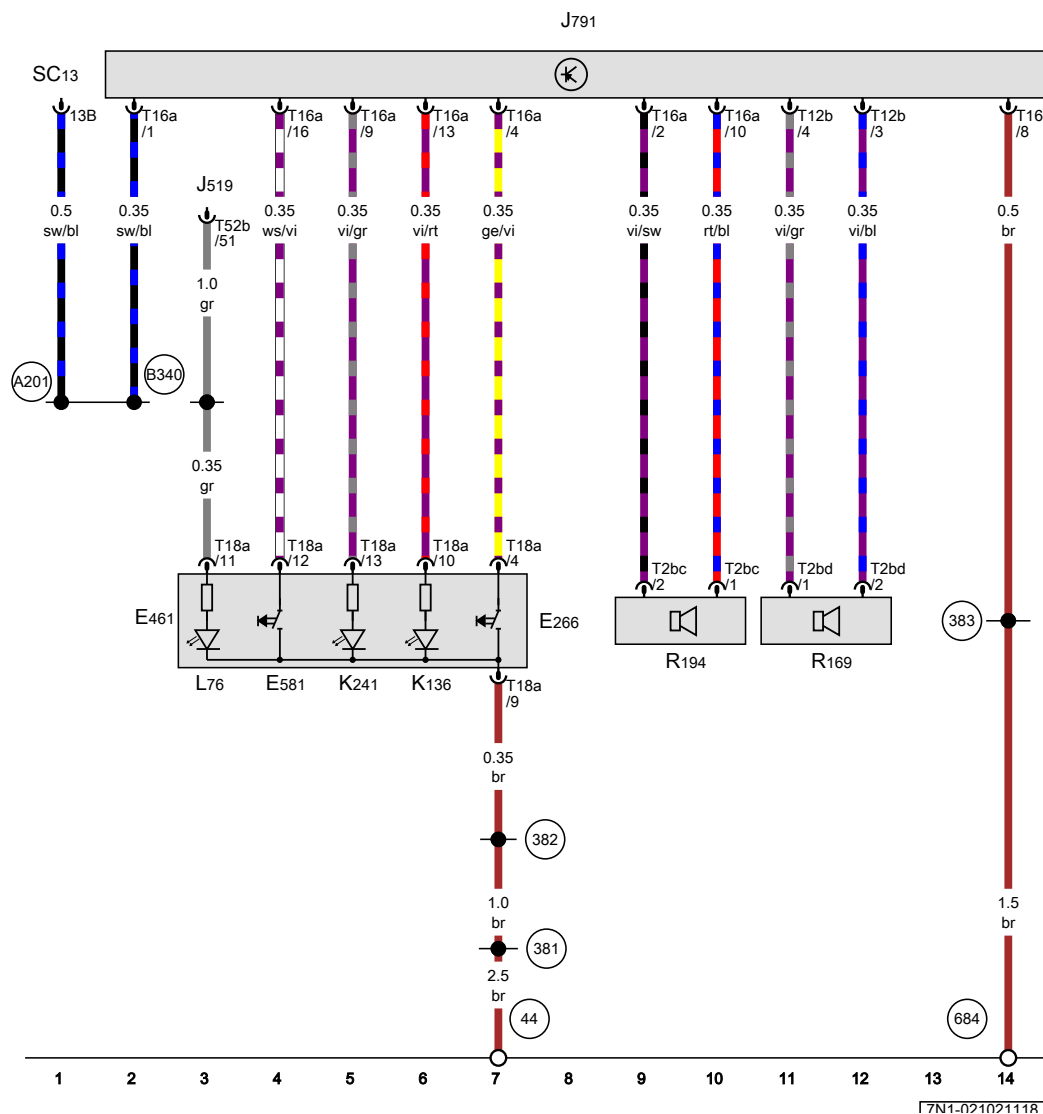
- 410 Earth connection 1 (sender earth) in main wiring harness
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B398 Connection 2 (convenience 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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- ge = yellow
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Parking aid (PDC) with park assist steering (Park Assist)

From May 2010

Operating unit in front of centre console, Park assist steering control unit, Parking aid loudspeaker, Rear loudspeaker for parking aid



ws = white
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- E266 Parking aid button
- E461 Operating unit in front of centre console
- E581 Park assist steering button
- J519 Onboard supply control unit
- J791 Park assist steering control unit
- K136 Parking aid warning lamp
- K241 Warning light for park assist steering
- L76 Button illumination bulb
- R169 Parking aid loudspeaker
- R194 Rear loudspeaker for parking aid
- SC13 Fuse 13 on fuse holder C
- T2bc 2-pin connector
- T2bd 2-pin connector
- T12b 12-pin connector, brown
- T16a 16-pin connector, brown
- T18a 18-pin connector
- T52b 52-pin connector

- 44 Earth point, lower part of left A-pillar
- 381 Earth connection 16, in main wiring harness
- 382 Earth connection 17, in main wiring harness
- 383 Earth connection 18, in main wiring harness
- 684 Earth point on front of left side member
- A201 Positive connection 6 (15a) in dash panel wiring harness
- B340 Connection 1 (58d), in main wiring harness

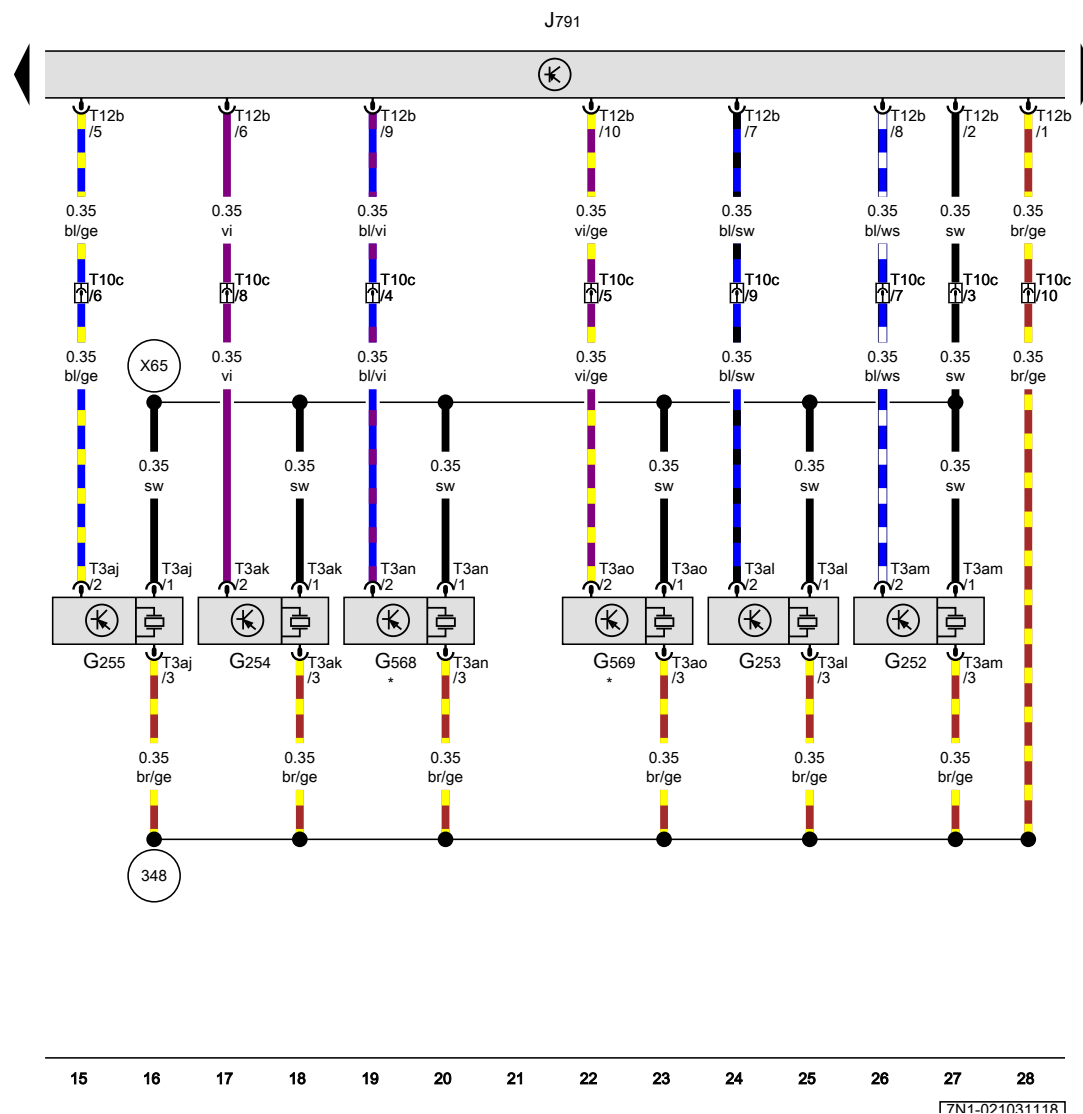
Front right parking aid sender, Front centre right parking aid sender, Front centre left parking aid sender, Front left parking aid sender, Front left sender for park assist steering on left side of vehicle, Front right sender for park assist steering on right side of vehicle, Park assist steering control 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
- 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
- J791 Park assist steering control unit
- T3aj 3-pin connector
- T3ak 3-pin connector
- T3al 3-pin connector
- T3am 3-pin connector
- T3an 3-pin connector
- T3ao 3-pin connector
- T10c 10-pin connector
- T12b 12-pin connector, brown

348 Earth connection (parking aid), in front bumper wiring harness

X65 Connection (parking aid), in front bumper wiring harness

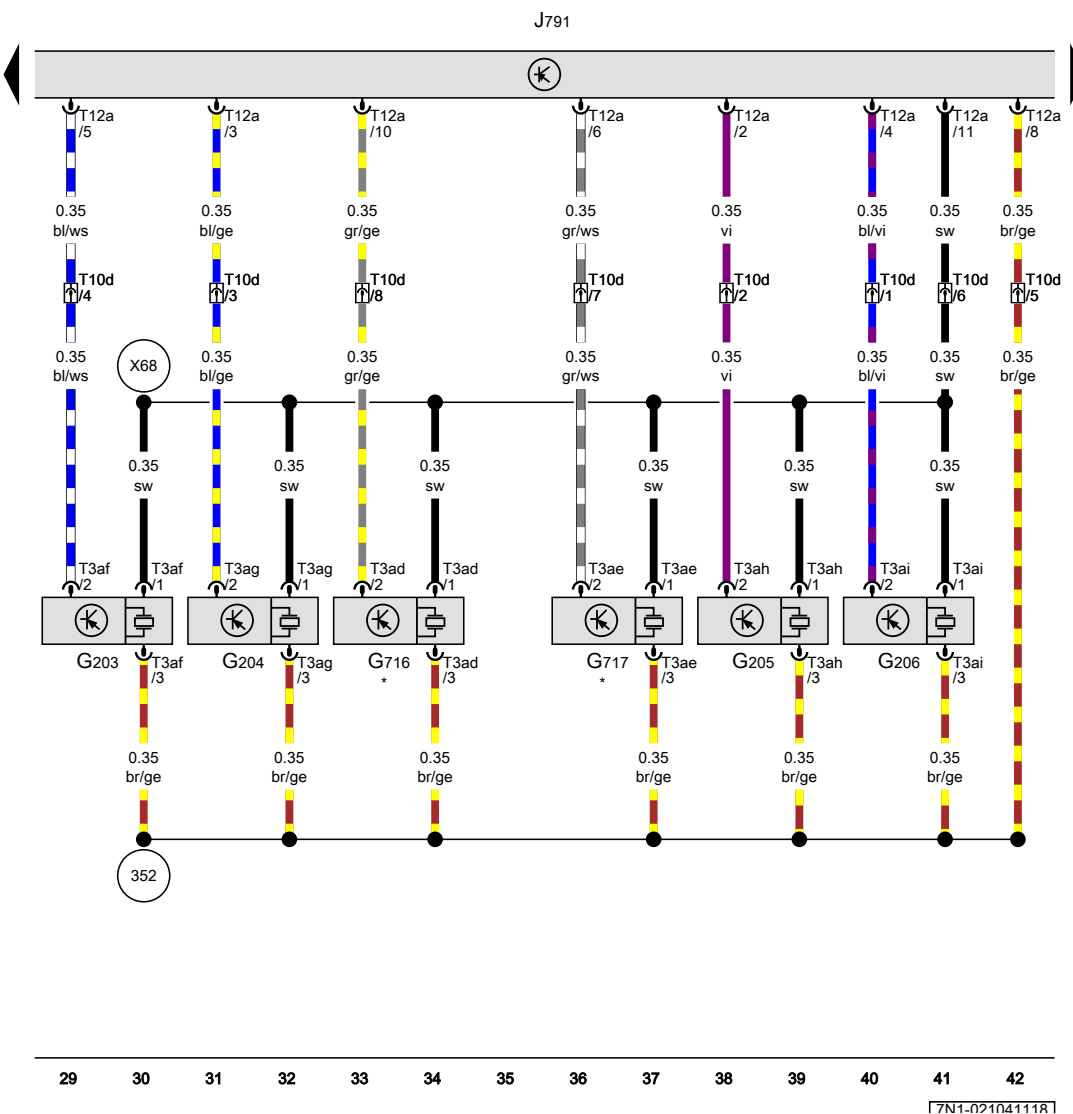
* For models with park assist steering



Rear left parking aid sender, Rear centre left parking aid sender, Rear centre right parking aid sender, Rear right parking aid sender, Rear left park assist steering sender, Rear right park assist steering 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
- G716 Rear left park assist steering sender
- G717 Rear right park assist steering sender
- J791 Park assist steering control unit
- T3ad 3-pin connector
- T3ae 3-pin connector
- T3af 3-pin connector
- T3ag 3-pin connector
- T3ah 3-pin connector
- T3ai 3-pin connector
- T10d 10-pin connector
- T12a 12-pin connector, black

- 352 Earth connection (parking aid), in rear bumper wiring harness
- X68 Positive connection (parking aid), in rear bumper wiring harness
- * For models with park assist steering

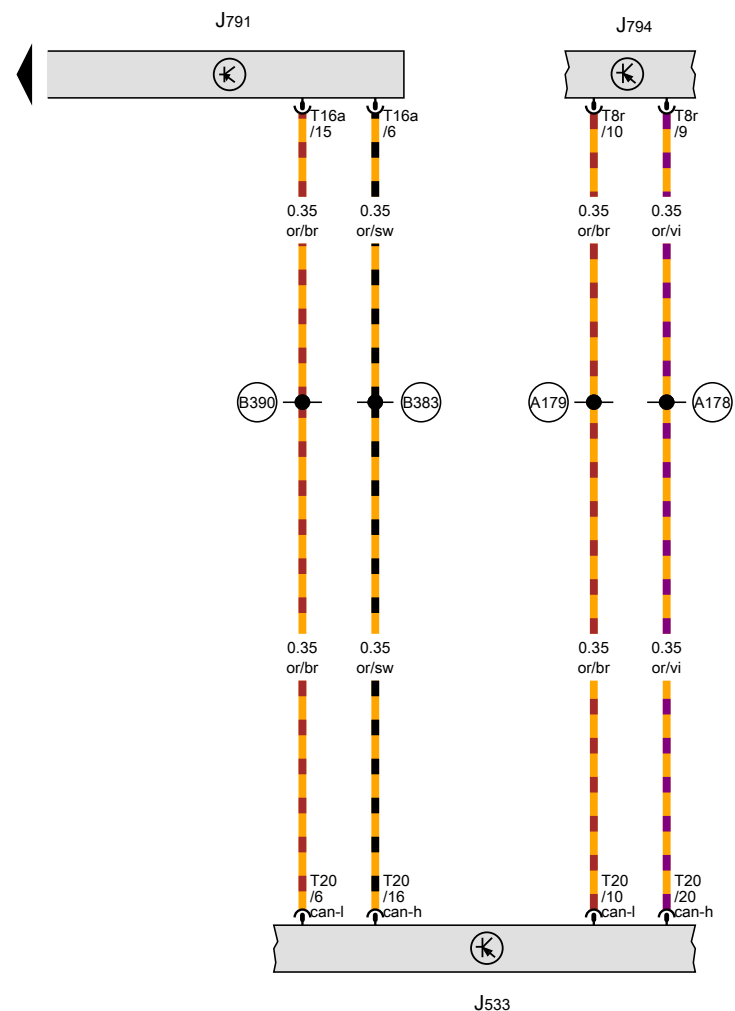


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Data bus diagnostic interface, Park assist steering control unit, Control unit 1 for information electronics

- J533 Data bus diagnostic interface
- J791 Park assist steering control unit
- J794 Control unit 1 for information electronics
- T8r 8-pin connector, black
- T16a 16-pin connector, brown
- T20 20-pin connector, red

- A178 Connection (infotainment CAN bus, high), in dash panel wiring harness
- A179 Connection (infotainment CAN bus, low), in dash panel wiring harness
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness



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43 44 45 46 47 48 49 50 51 52 53 54 55 56

[7N1-021051118]

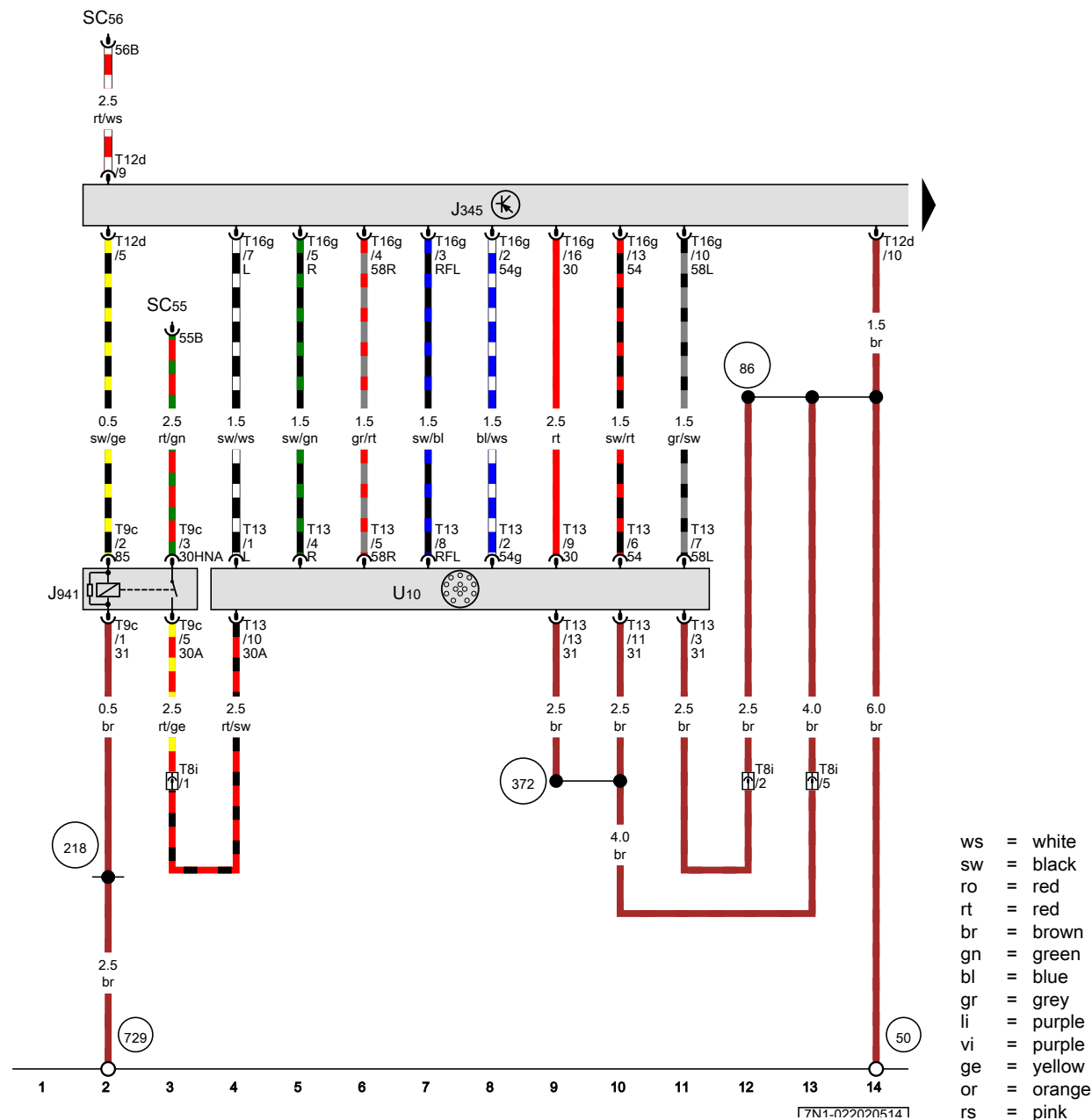
Trailer coupling

From May 2010

Trailer detector control unit, Trailer voltage supply relay, Trailer socket

- J345 Trailer detector control unit
- J941 Trailer voltage supply relay
- SC55 Fuse 55 on fuse holder C
- SC56 Fuse 56 on fuse holder C
- T8i 8-pin connector
- T9c 9-pin connector
- T12d 12-pin connector
- T13 13-pin connector
- T16g 16-pin connector
- U10 Trailer socket

- 50 Earth point, on left in luggage compartment
- 86 Earth connection 1, in rear wiring harness
- 218 Earth connection 1, in rear lid wiring harness
- 372 Earth connection 7, in main wiring harness
- 729 Earth point, on left rear wheel housing

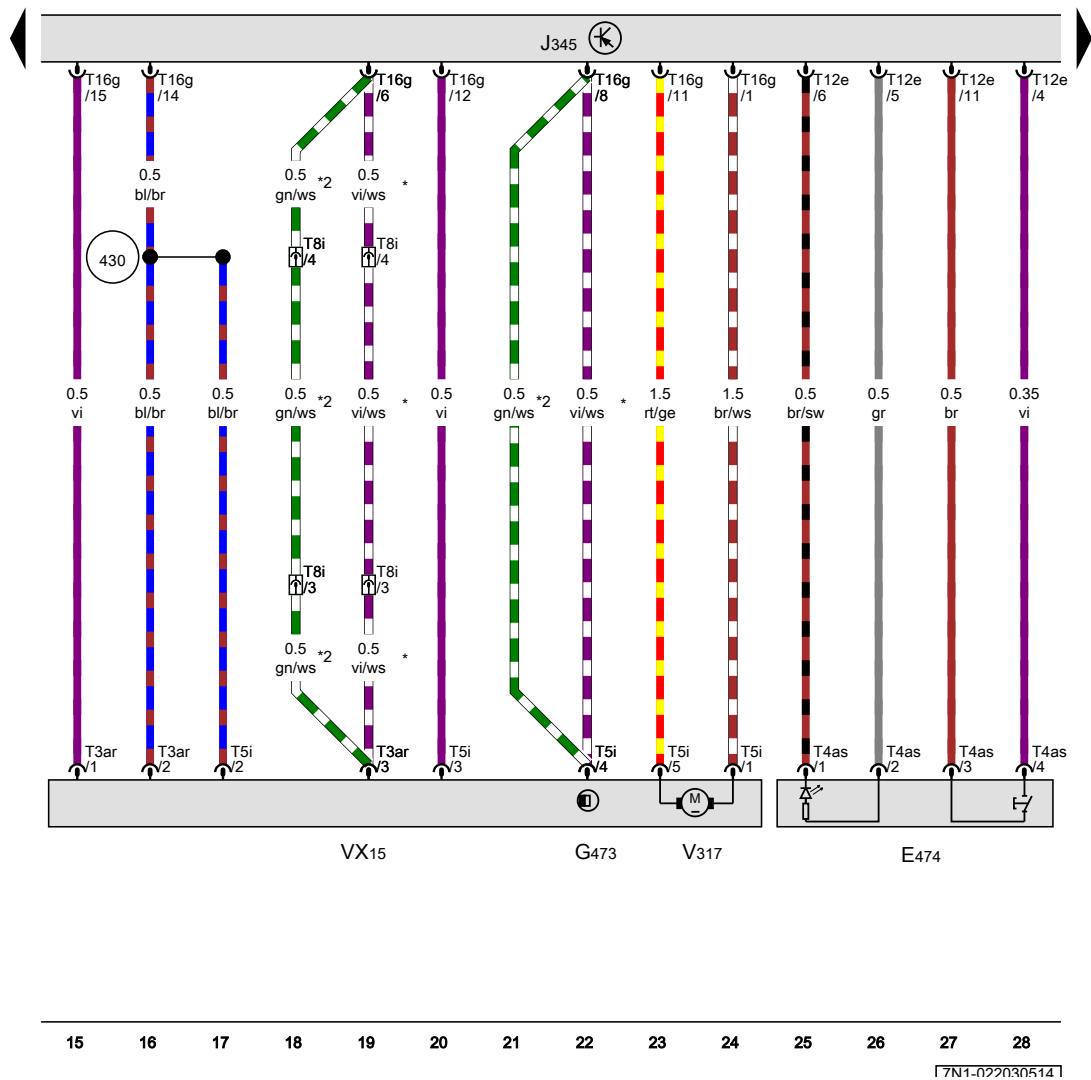


Electric hinged tow coupling attachment button, Trailer coupling motor Hall sender, Trailer detector control unit, Trailer towing coupling, Hinged tow attachment ball head motor

- E474 Electric hinged tow coupling attachment button
- G473 Trailer coupling motor Hall sender
- J345 Trailer detector control unit
- T3ar 3-pin connector
- T4as 4-pin connector
- T5i 5-pin connector
- T8i 8-pin connector
- T12e 12-pin connector
- T16g 16-pin connector
- VX15 Trailer towing coupling
- V317 Hinged tow attachment ball head motor

430 Earth connection, in towing bracket wiring harness

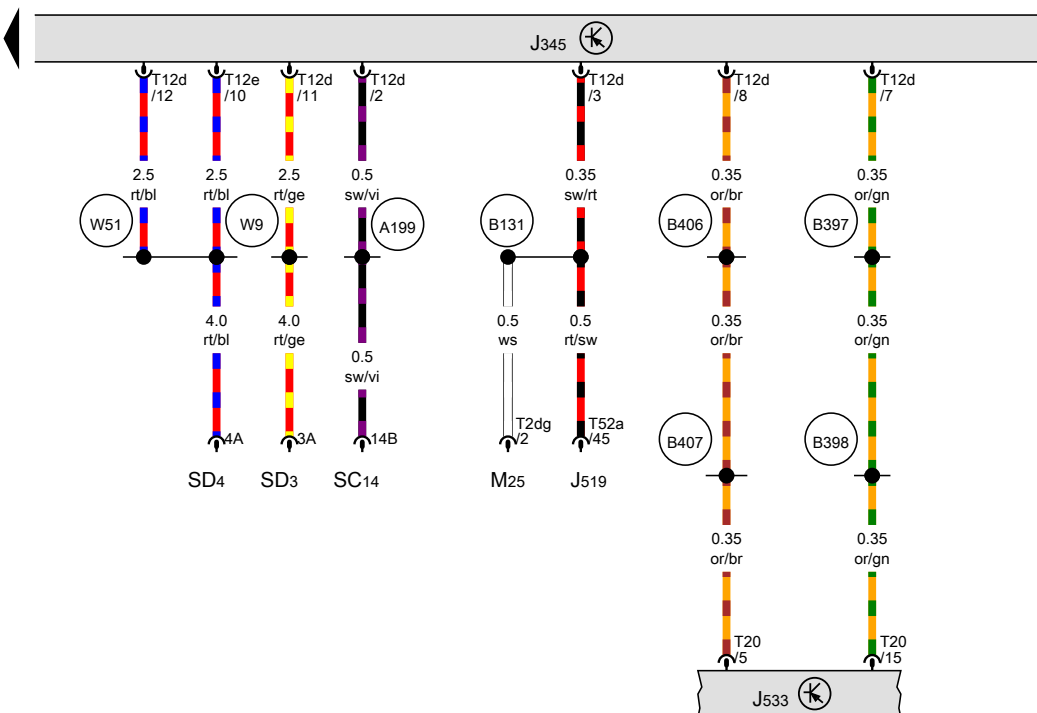
- * Up to November 2011
- *2 From November 2011



Trailer detector control unit, Data bus diagnostic interface

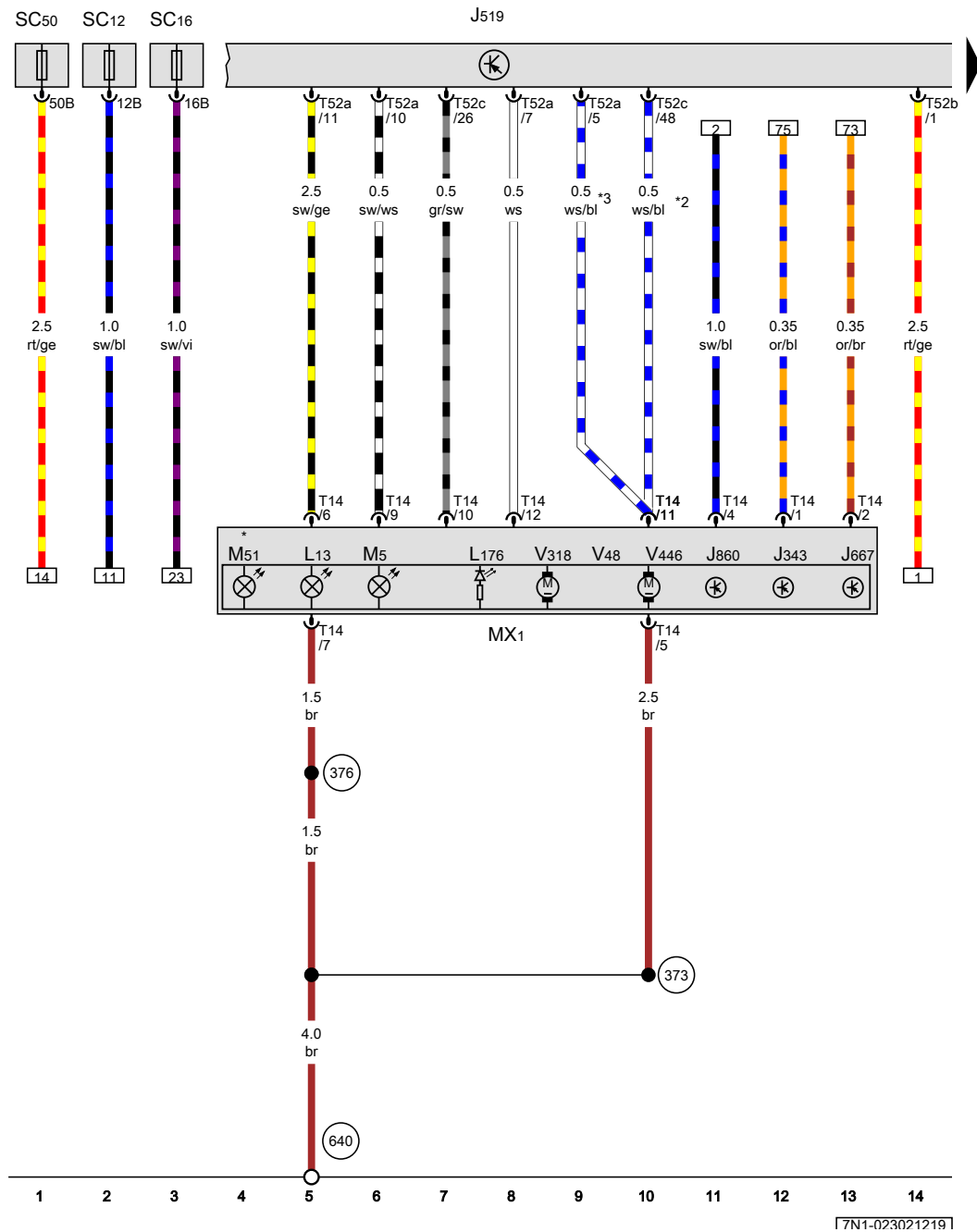
- J345 Trailer detector control unit
- J519 Onboard supply control unit
- J533 Data bus diagnostic interface
- M25 High-level brake light bulb
- SD3 Fuse 3 on fuse holder D
- SD4 Fuse 4 on fuse holder D
- SC14 Fuse 14 on fuse holder C
- T2dg 2-pin connector
- T12d 12-pin connector
- T12e 12-pin connector
- T20 20-pin connector
- T52a 52-pin connector

- A199 Positive connection 4 (15a) in dash panel wiring harness
- B131 Connection (54), 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
- W9 Positive connection 1 (30), in rear wiring harness
- W51 Positive connection 2 (30), in rear wiring harness



Gas discharge headlights (bi-xenon) with automatic headlight range control, cornering light, LED daytime running lights

From May 2010



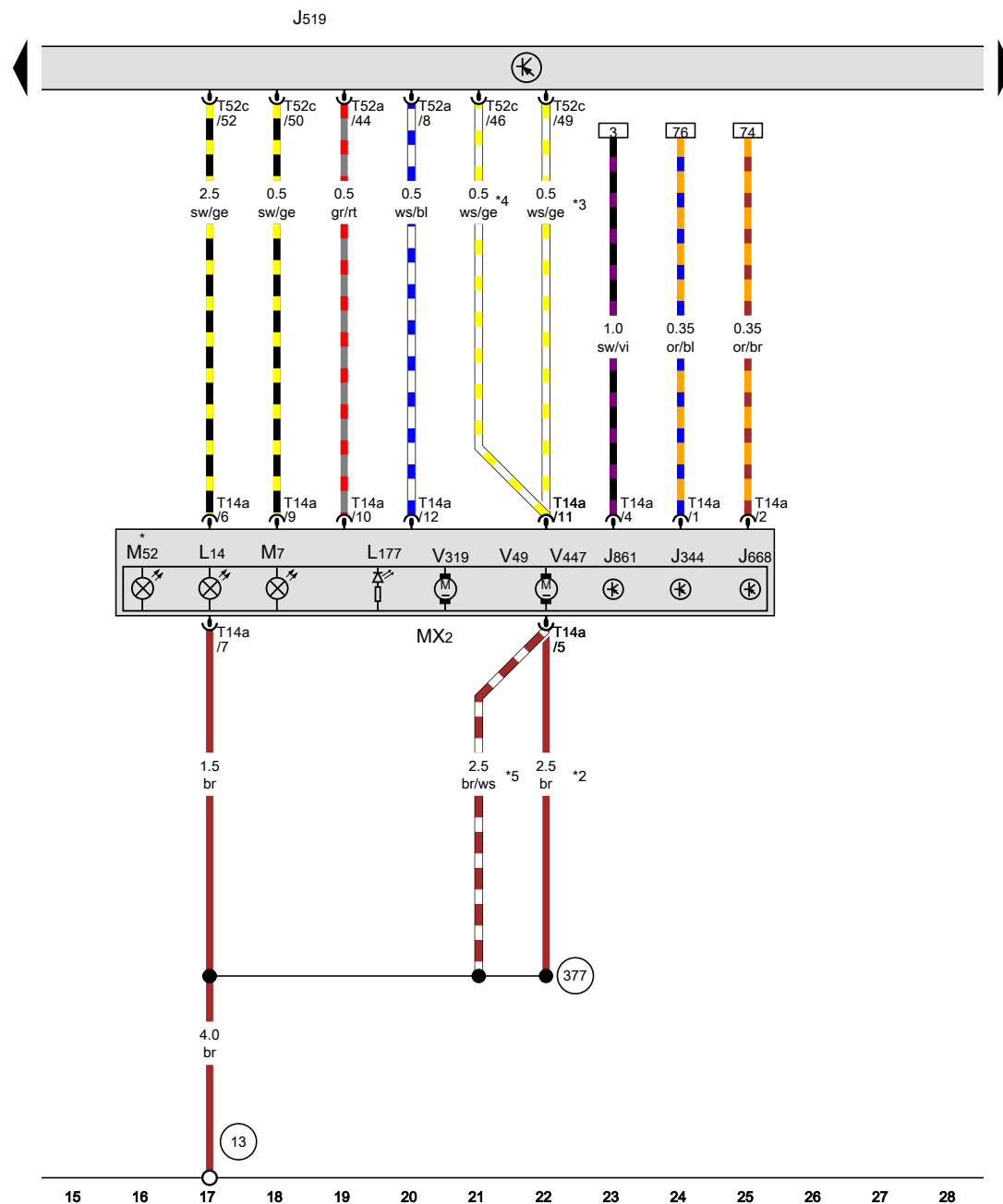
Left gas discharge bulb control unit, Onboard supply control unit, Output module for left headlight, Control unit for left daytime running light and side light, Front left headlight

- 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
- M51 Left static cornering light
- SC12 Fuse 12 on fuse holder C
- SC16 Fuse 16 on fuse holder C
- SC50 Fuse 50 on fuse holder C
- T14 14-pin connector
- T52a 52-pin connector
- T52b 52-pin connector
- T52c 52-pin connector
- V48 Left headlight range control motor
- V318 Left dynamic cornering light control motor
- V446 Control motor for left VARILIS headlight

- 373 Earth connection 8, in main wiring harness
- 376 Earth connection 11, in main wiring harness
- 640 Earth point 2, left in engine compartment

- * According to equipment
- *2 Up to April 2011
- *3 From May 2011

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



Right gas discharge bulb control unit, Onboard supply control unit, Output module for right headlight, Control unit for right daytime running light and side light, Front right headlight

- 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
- M52 Right static cornering light
- T14a 14-pin connector
- T52a 52-pin connector
- T52c 52-pin connector
- V49 Right headlight range control motor
- V319 Right dynamic cornering light control motor
- V447 Control motor for right VARILIS headlight

13 Earth point, on right in engine compartment

377 Earth connection 12, in main wiring harness

* According to equipment

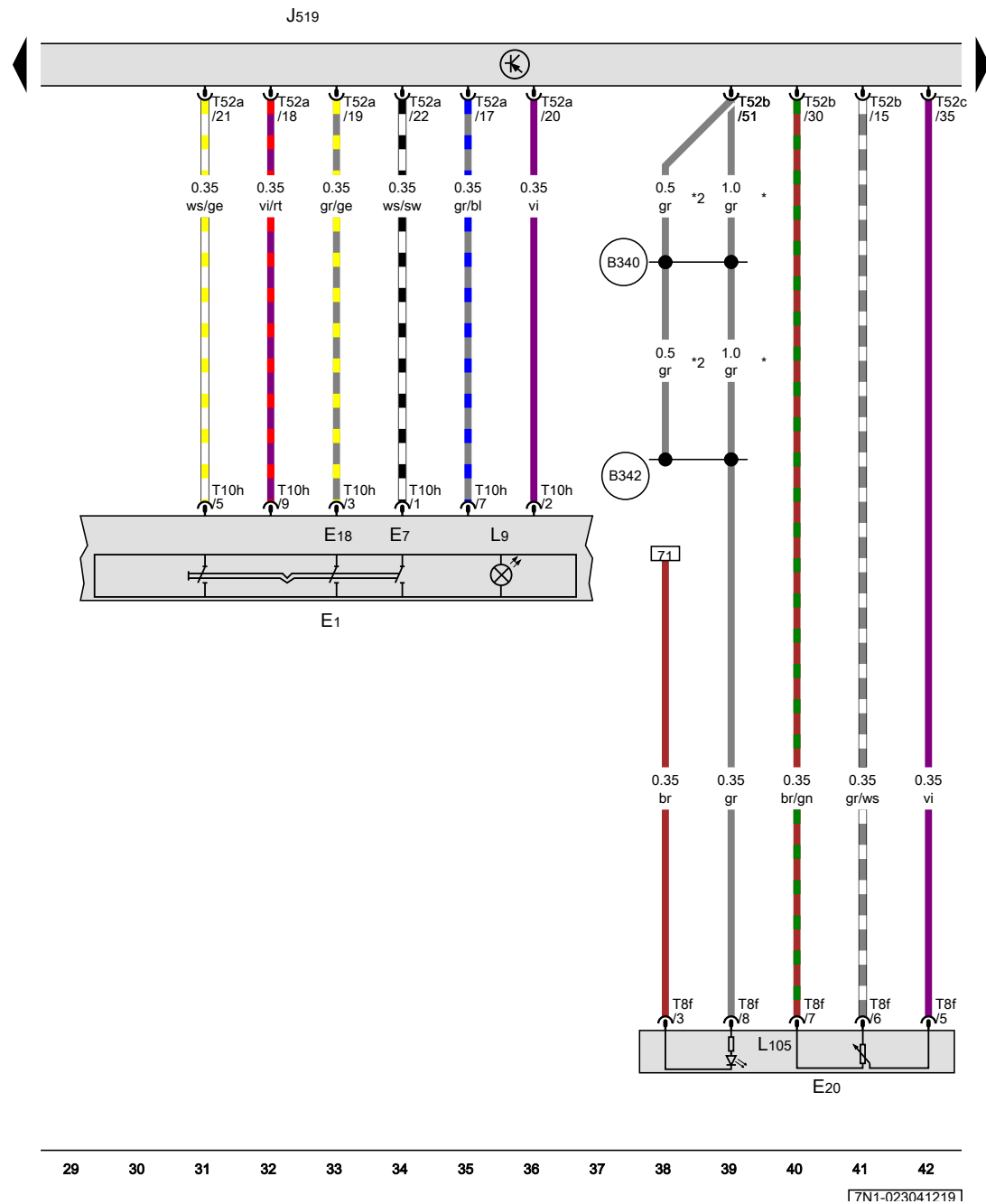
*2 Up to November 2017

*3 Up to April 2011

*4 From May 2011

*5 From November 2017

- ws = white
- sw = black
- ro = red
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Light switch, Switch and instrument illumination regulator, Onboard supply control unit

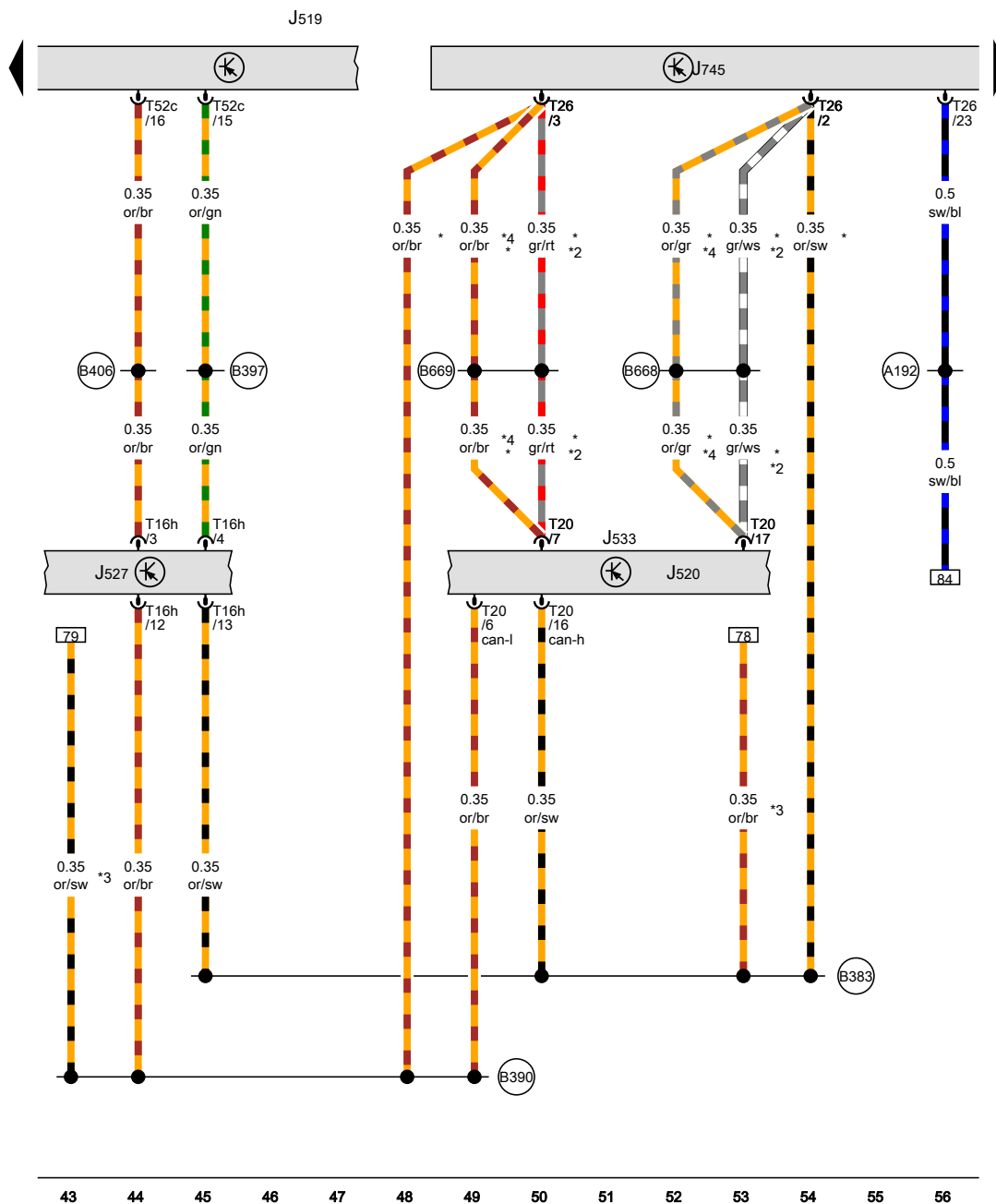
- E1 Light switch
- E7 Fog light switch
- E18 Rear fog light switch
- E20 Switch and instrument illumination regulator
- J519 Onboard supply control unit
- L9 Light switch illumination bulb
- L105 Illumination regulator illumination bulb
- T8f 8-pin connector
- T10h 10-pin connector
- T52a 52-pin connector
- T52b 52-pin connector
- T52c 52-pin connector

B340 Connection 1 (58d), in main wiring harness

B342 Connection 3 (58d), in main wiring harness

* Up to May 2017

*2 From May 2017



7N1-023051219

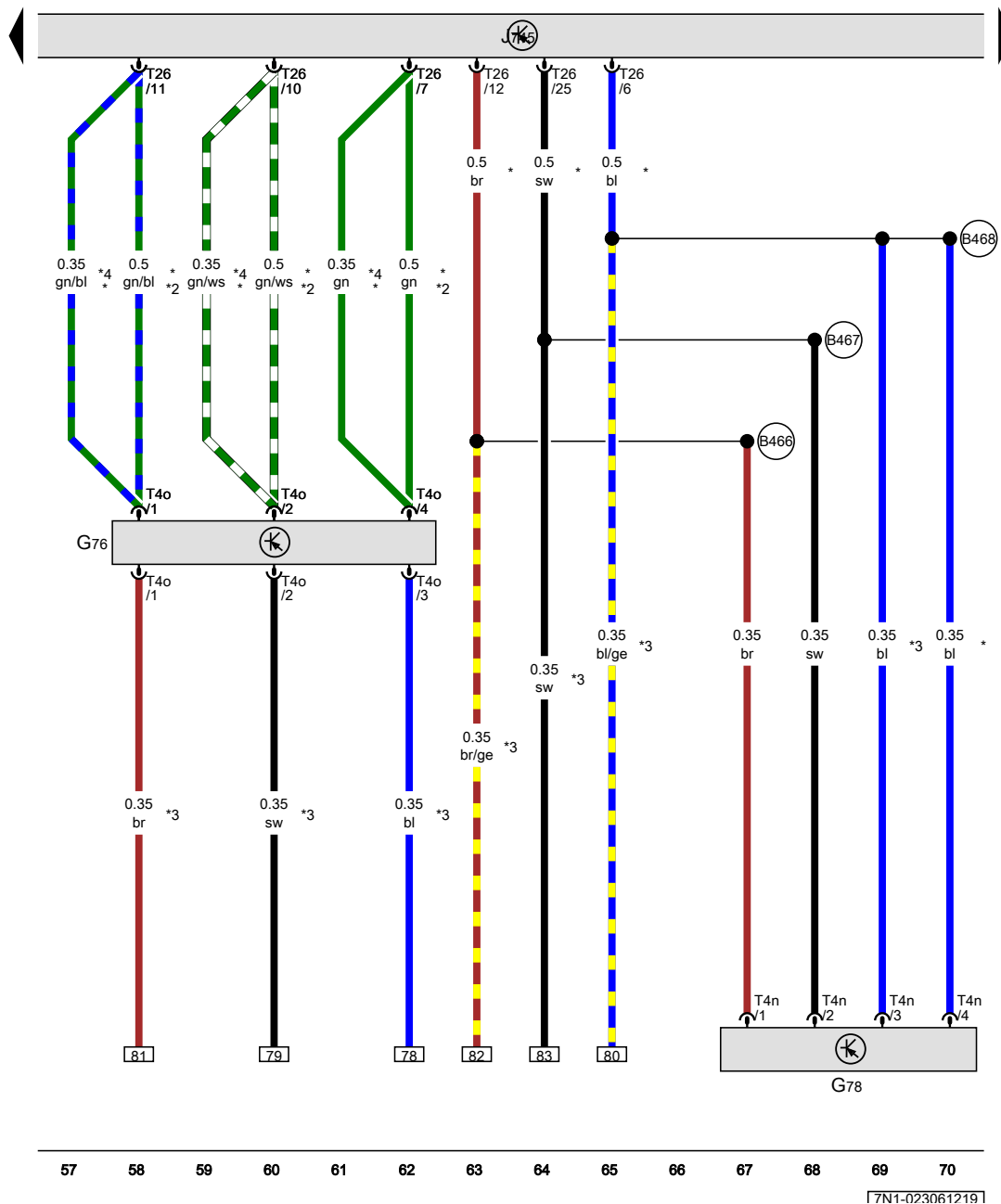
ws = white
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gn = green
bl = blue
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Onboard supply control unit, Steering column electronics control unit, Data bus diagnostic interface, Control unit for cornering light and headlight range control

J519 Onboard supply control unit
J520 Onboard supply control unit 2
J527 Steering column electronics control unit
J533 Data bus diagnostic interface
J745 Control unit for cornering light and headlight range control
T16h 16-pin connector
T20 20-pin connector
T26 26-pin connector
T52c 52-pin connector

A192 Positive connection 3 (15a) in dash panel 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
B406 Connection 1 (convenience CAN bus, low), in main wiring harness
B668 Connection 2 (CAN bus extended high), in main wiring harness
B669 Connection 2 (CAN bus extended low), in main wiring harness
* According to equipment
*2 Up to May 2016
*3 For models with electronic damping control
*4 From May 2016

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



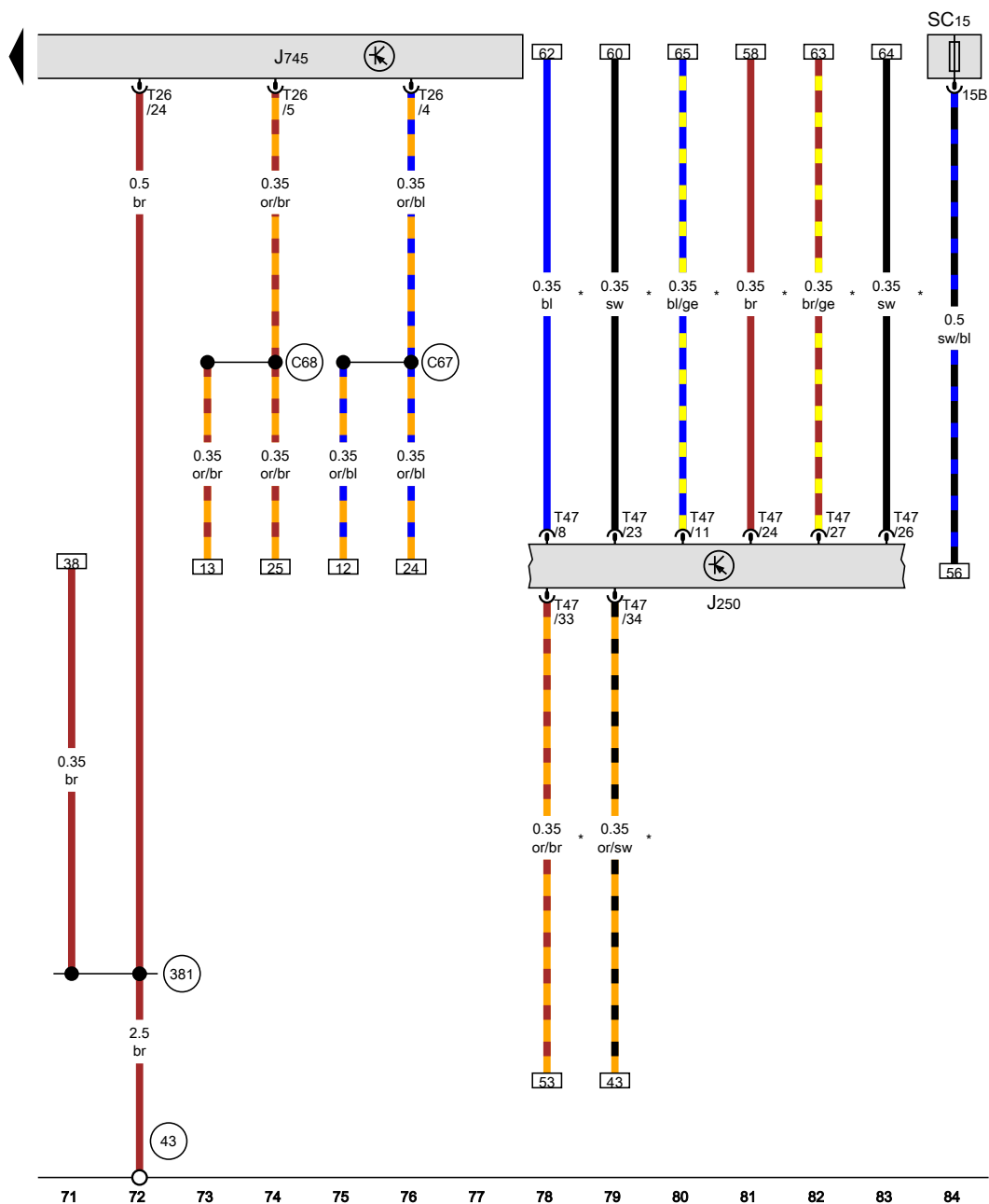
- G76 Rear left vehicle level sender
- G78 Front left vehicle level sender
- J745 Control unit for cornering light and headlight range control
- T4n 4-pin connector
- T4o 4-pin connector
- T26 26-pin connector

B466 Connection 2, in main wiring harness

B467 Connection 3, in main wiring harness

B468 Connection 4, in main wiring harness

- * For models with no electronic damping control
- *2 Up to May 2017
- *3 For models with electronic damping control
- *4 From May 2017



Electronically controlled damping control unit, Control unit for cornering light and headlight range control

- J250 Electronically controlled damping control unit
- J745 Control unit for cornering light and headlight range control
- SC15 Fuse 15 on fuse holder C
- T26 26-pin connector
- T47 47-pin connector

- 43 Earth point, lower part of right A-pillar
- 381 Earth connection 16, in main wiring harness
- C67 Connection (CAN bus, high), in headlight wiring harness
- C68 Connection (CAN bus, low), in headlight wiring harness

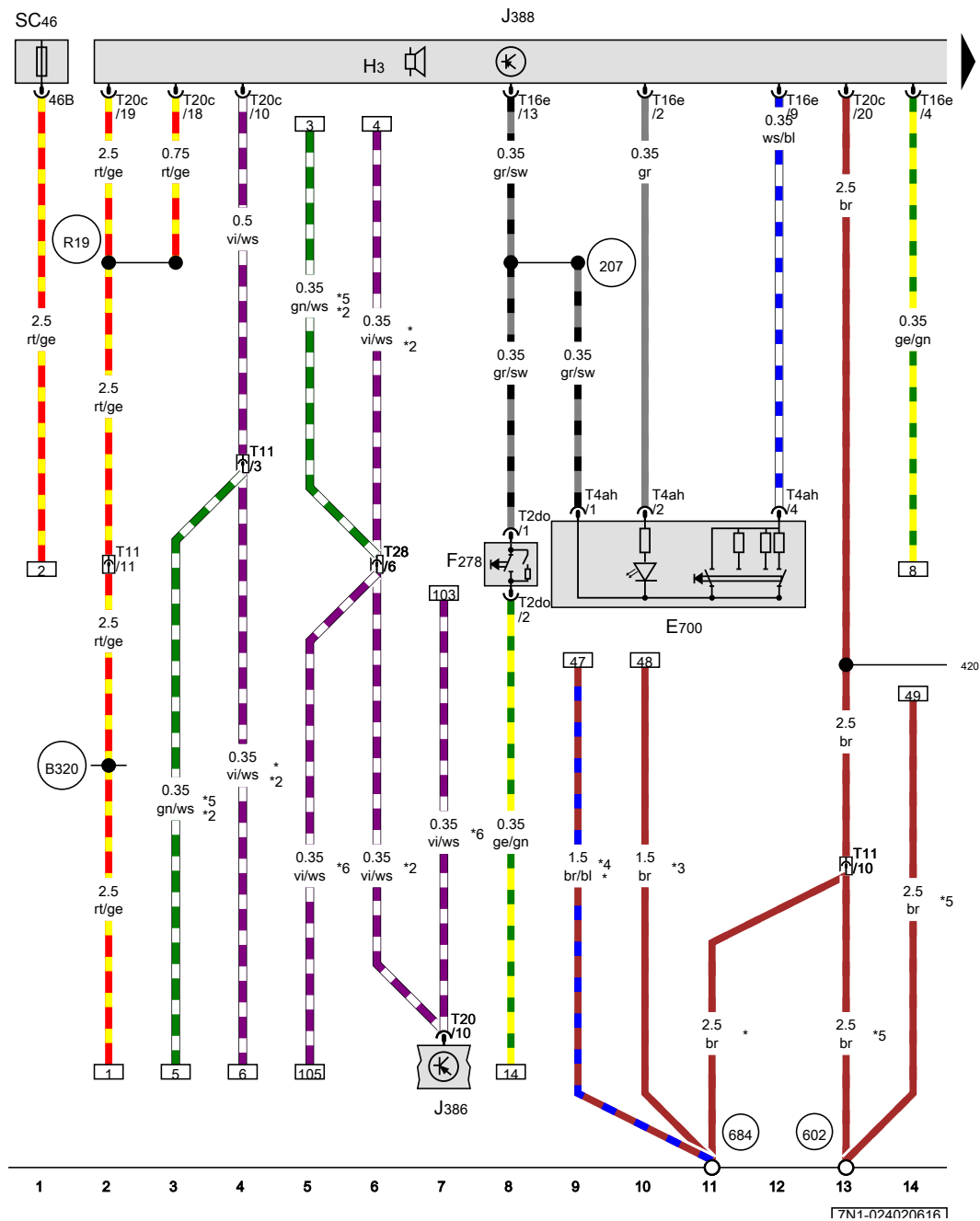
* For models with electronic damping control

ws = white
 sw = black
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17N1-023071219

Electric sliding door with power latching system

From May 2010



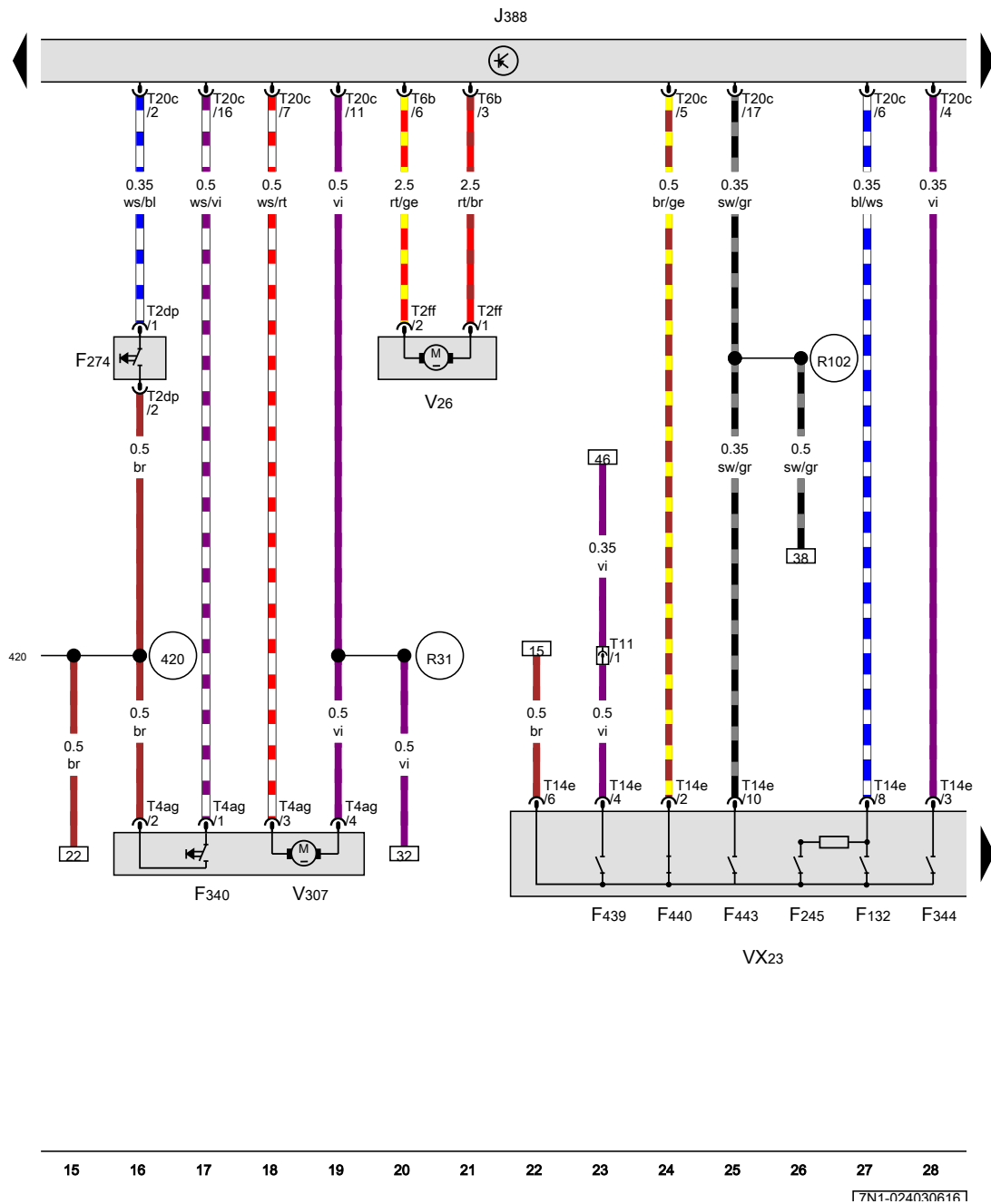
Rear left window regulator button in rear left door, Rear left door interior handle switch, Buzzer and gong, Driver door control unit, Rear left door control unit

- E700 Rear left window regulator button in rear left door
- F278 Rear left door interior handle switch
- H3 Buzzer and gong
- J386 Driver door control unit
- J388 Rear left door control unit
- SC46 Fuse 46 on fuse holder C
- T2do 2-pin connector
- T4ah 4-pin connector
- T11 11-pin connector
- T16e 16-pin connector
- T20 20-pin connector
- T20c 20-pin connector
- T28 28-pin connector

- 207 Earth connection, in rear left door wiring harness
- 420 Earth connection 1, in left sliding door wiring harness
- 602 Earth point, in front left footwell
- 684 Earth point on front of left side member
- B320 Positive connection 6 (30a) in main wiring harness
- R19 Positive connection 1 (30), in rear left door wiring harness

- * Up to October 2011
- *2 Only left-hand drive models
- *3 Up to April 2011
- *4 From May 2011
- *5 From November 2011
- *6 Only right-hand drive models

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Rear left door exterior handle switch, Rear left door power latching system contact switch, Rear left door control unit, Rear left door lock unit, Rear left window regulator motor, Rear left power latching motor

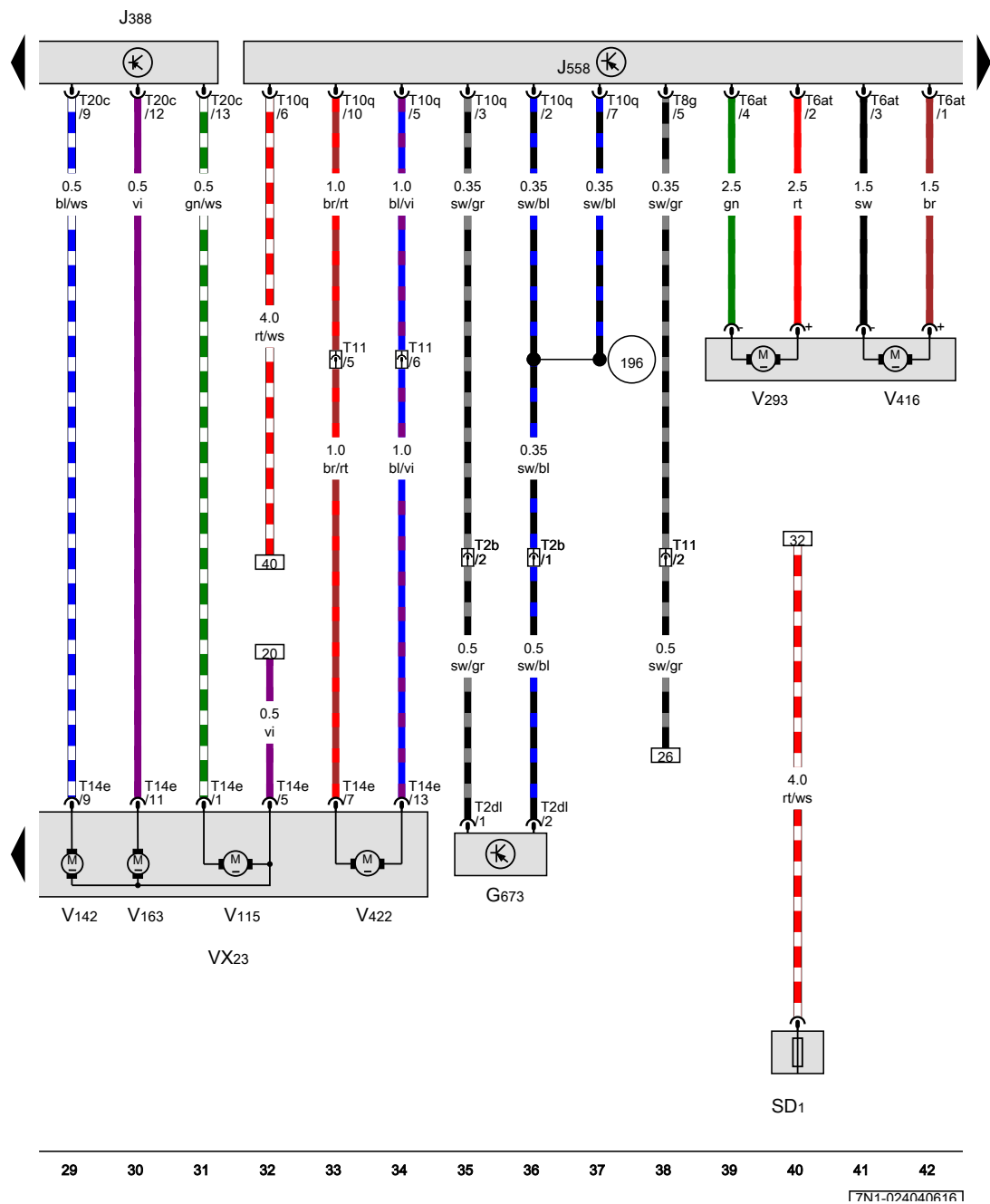
- F132 Rear left central locking actuator
- F245 Rear left door central locking actuator for SAFELOCK function
- F274 Rear left door exterior handle switch
- F340 Rear left door power latching system contact switch
- F344 Rear left childproof lock contact switch
- F439 Contact switch for rotary latch
- F440 Contact switch 2 for rotary latch
- F443 Contact switch for locking pawl
- J388 Rear left door control unit
- T2dp 2-pin connector
- T2ff 2-pin connector
- T4ag 4-pin connector
- T6b 6-pin connector
- T11 11-pin connector
- T14e 14-pin connector
- T20c 20-pin connector
- VX23 Rear left door lock unit
- V26 Rear left window regulator motor
- V307 Rear left power latching motor

420 Earth connection 1, in left sliding door wiring harness

R31 Connection 1, in rear left door wiring harness

R102 Connection 2, in rear left door wiring harness

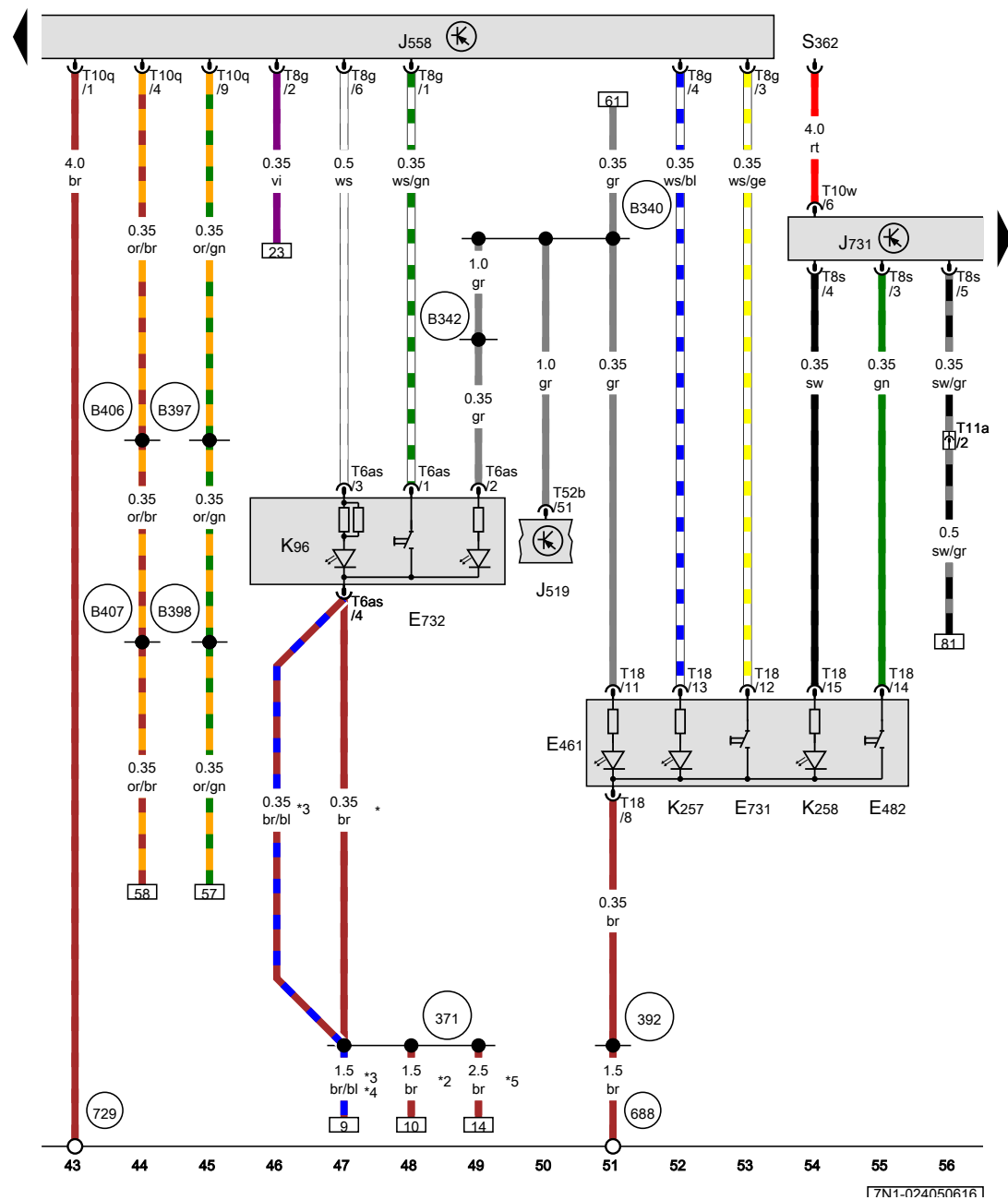
- ws = white
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Anti-trapping sender, Rear left door control unit, Left sliding door control unit, Rear left door lock unit, Sliding door opening motor, Sliding door coupling motor

- G673 Anti-trapping sender
- J388 Rear left door control unit
- J558 Left sliding door control unit
- SD1 Fuse 1 on fuse holder D
- T2b 2-pin connector
- T2dl 2-pin connector
- T6at 6-pin connector
- T8g 8-pin connector
- T10q 10-pin connector
- T11 11-pin connector
- T14e 14-pin connector
- T20c 20-pin connector
- VX23 Rear left door lock unit
- V115 Rear left door central locking motor
- V142 Rear left childproof lock motor
- V163 Rear left door central locking SAFELOCK function motor
- V293 Sliding door opening motor
- V416 Sliding door coupling motor
- V422 Rear left rotary latch motor

196 Earth connection 3, in rear wiring harness



Operating unit in front of centre console, Left sliding door button 2, Left sliding door control unit, Right sliding door control unit

- E461 Operating unit in front of centre console
- E482 Right sliding door button, in front centre console
- E731 Left sliding door button, in front centre console
- E732 Left sliding door button 2, on left B-pillar
- J519 Onboard supply control unit
- J558 Left sliding door control unit
- J731 Right sliding door control unit
- K96 Warning lamp
- K257 Sliding door warning lamp
- K258 Sliding door warning lamp 2
- S362 Thermal fuse 2
- T6as 6-pin connector
- T8g 8-pin connector
- T8s 8-pin connector
- T10q 10-pin connector
- T10w 10-pin connector
- T11a 11-pin connector
- T18 18-pin connector
- T52b 52-pin connector

- 371 Earth connection 6, in main wiring harness
- 392 Earth connection 27, in main wiring harness
- 688 Earth point 2, on centre tunnel
- 729 Earth point, on left rear wheel housing
- B340 Connection 1 (58d), in main wiring harness
- B342 Connection 3 (58d), 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

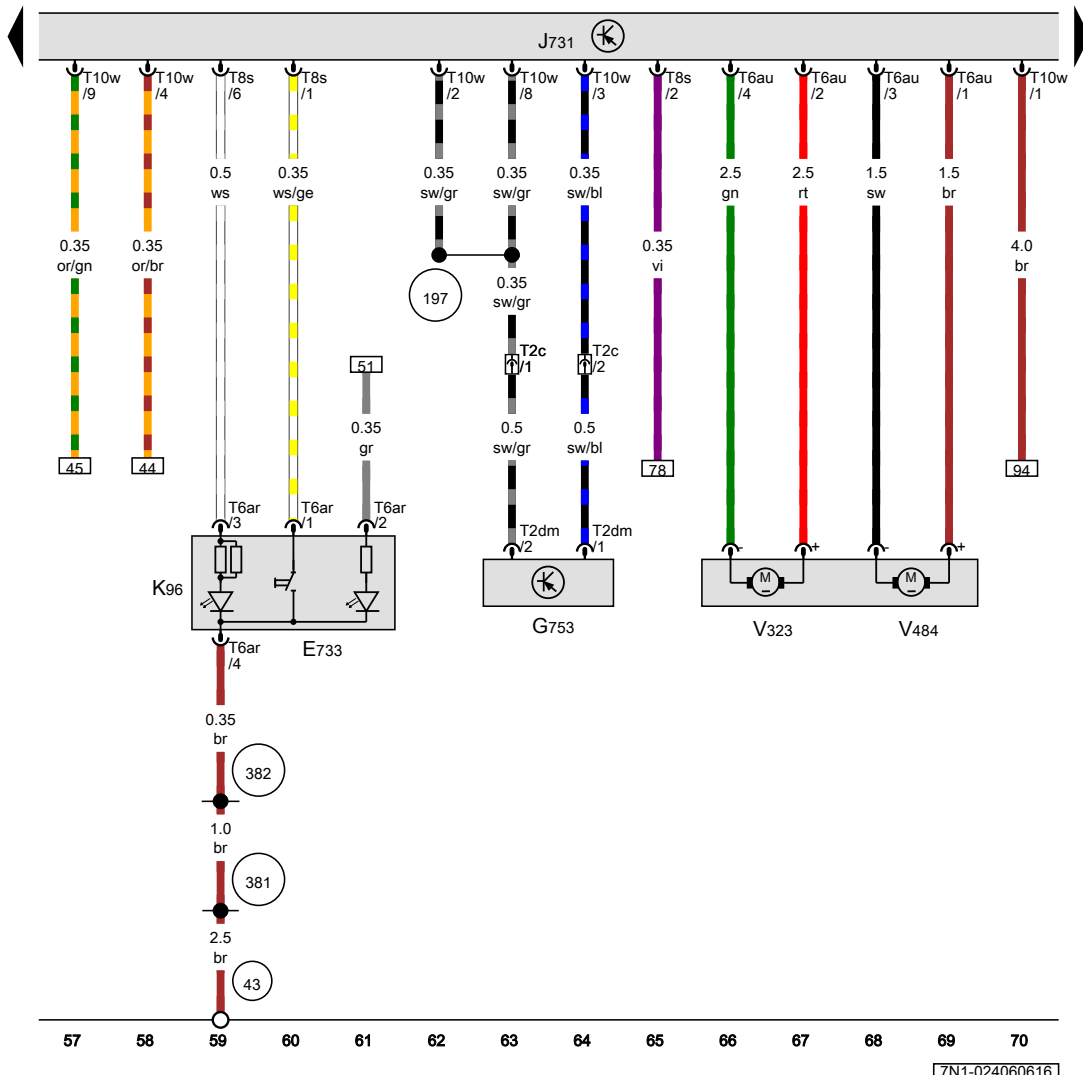
ws = white
 sw = black
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- * Up to May 2011
- *2 Up to April 2011
- *3 From May 2011
- *4 Up to October 2011
- *5 From November 2011

Right sliding door button 2, Anti-trapping sender 2, Right sliding door control unit, Motor to open right sliding door, Sliding door coupling motor 2

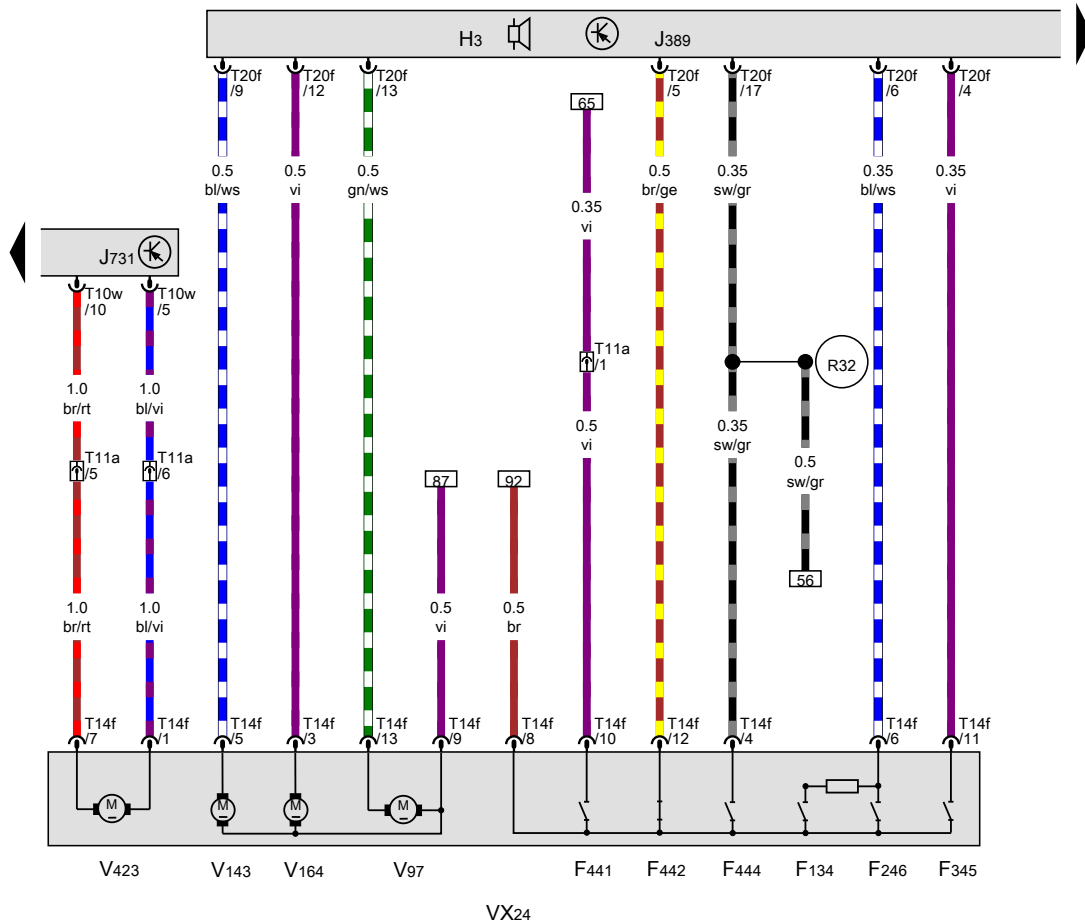
E733 Right sliding door button 2, on right B-pillar
G753 Anti-trapping sender 2
J731 Right sliding door control unit
K96 Warning lamp
T2c 2-pin connector
T2dm 2-pin connector
T6ar 6-pin connector
T6au 6-pin connector
T8s 8-pin connector
T10w 10-pin connector
V323 Motor to open right sliding door
V484 Sliding door coupling motor 2

43 Earth point, lower part of right A-pillar
197 Earth connection 4, in rear wiring harness
381 Earth connection 16, in main wiring harness
382 Earth connection 17, in main wiring harness



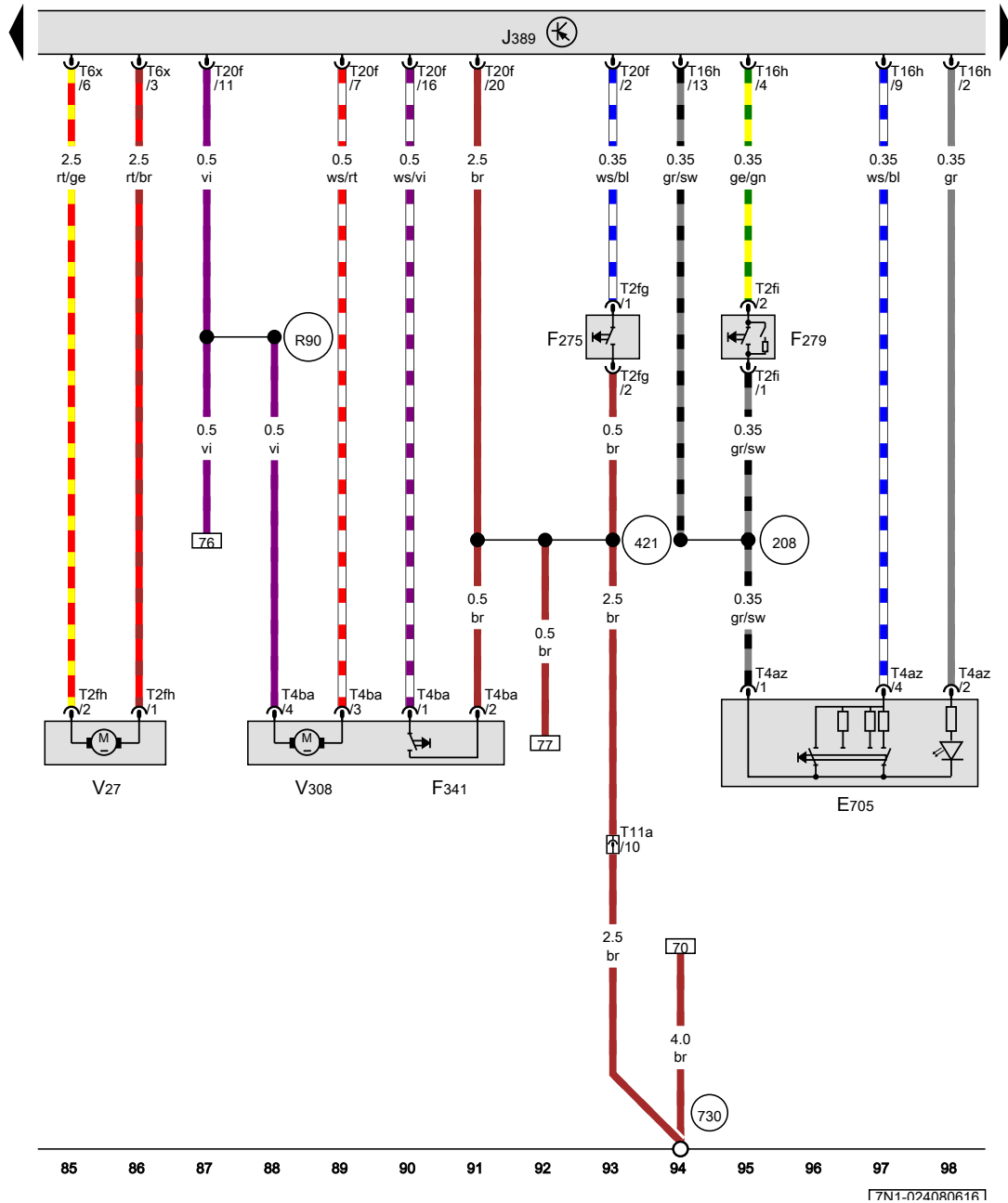
ws = white
sw = black
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or = orange
rs = pink

Buzzer and gong, Rear right door control unit, Right sliding door control unit, Rear right door lock unit



- | | |
|------|--|
| F134 | Rear right central locking actuator |
| F246 | Rear right door central locking actuator for SAFELOCK function |
| F345 | Rear right childproof lock contact switch |
| F441 | Contact switch 3 for rotary latch |
| F442 | Contact switch 4 for rotary latch |
| F444 | Contact switch 2 for locking pawl |
| H3 | Buzzer and gong |
| J389 | Rear right door control unit |
| J731 | Right sliding door control unit |
| T10w | 10-pin connector |
| T11a | 11-pin connector |
| T14f | 14-pin connector |
| T20f | 20-pin connector |
| VX24 | Rear right door lock unit |
| V97 | Rear right door central locking motor |
| V143 | Rear right childproof lock motor |
| V164 | Rear right door central SAFELOCK function locking motor |
| V423 | Rear right rotary latch motor |
| R32 | Connection 2, in rear right door wiring harness |

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vi = purple
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rs = pink



Rear right window regulator button in rear right door, Rear right door exterior handle switch, Rear right door interior handle switch, Rear right door power latching system contact switch, Rear right door control unit, Rear right window regulator motor, Rear right power latching motor

- E705 Rear right window regulator button in rear right door
- F275 Rear right door exterior handle switch
- F279 Rear right door interior handle switch
- F341 Rear right door power latching system contact switch
- J389 Rear right door control unit
- T2fg 2-pin connector
- T2fh 2-pin connector
- T2fi 2-pin connector
- T4az 4-pin connector
- T4ba 4-pin connector
- T6x 6-pin connector
- T11a 11-pin connector
- T16h 16-pin connector
- T20f 20-pin connector
- V27 Rear right window regulator motor
- V308 Rear right power latching motor
- 208 Earth connection, in rear right door wiring harness
- 421 Earth connection 1, in right sliding door wiring harness
- 730 Earth point 1, on right rear wheel housing
- R90 Connection 1, in rear right door wiring harness

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sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
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vi = purple
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Front passenger door control unit, Rear right door control unit

- | | |
|------|-----------------------------------|
| J387 | Front passenger door control unit |
| J389 | Rear right door control unit |
| SC45 | Fuse 45 on fuse holder C |
| T11a | 11-pin connector |
| T20b | 20-pin connector |
| T20f | 20-pin connector |
| T28a | 28-pin connector |

(B303) Positive connection 7 (30), in main wiring harness

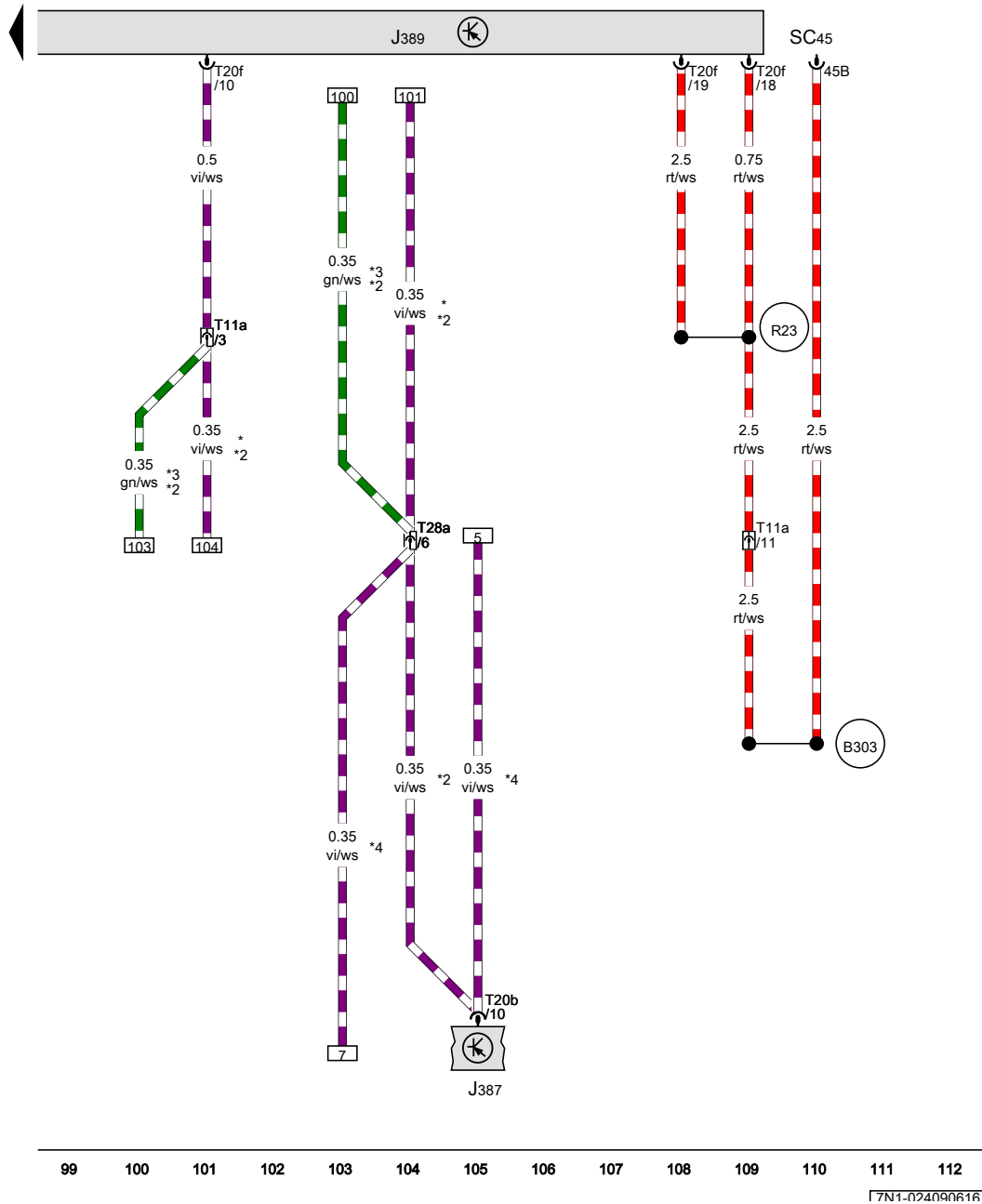
(R23) Positive connection 1 (30), in rear right door wiring harness

* Up to October 2011

*2 Only left-hand drive models

*3 From November 2011

*4 Only right-hand drive models



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DC/AC converter with socket

From May 2010

DC/AC converter switch, Electric socket warning lamp, DC/AC converter with socket, 12 V - 230 V, DC/AC converter with socket, 12 V - 115 V

- E136 DC/AC converter switch
- J519 Onboard supply control unit
- K76 Electric socket warning lamp
- SC4 Fuse 4 on fuse holder C
- SC53 Fuse 53 on fuse holder C
- T3s 3-pin connector
- T52c 52-pin connector
- U13 DC/AC converter with socket, 12 V - 230 V
- U27 DC/AC converter with socket, 12 V - 115 V

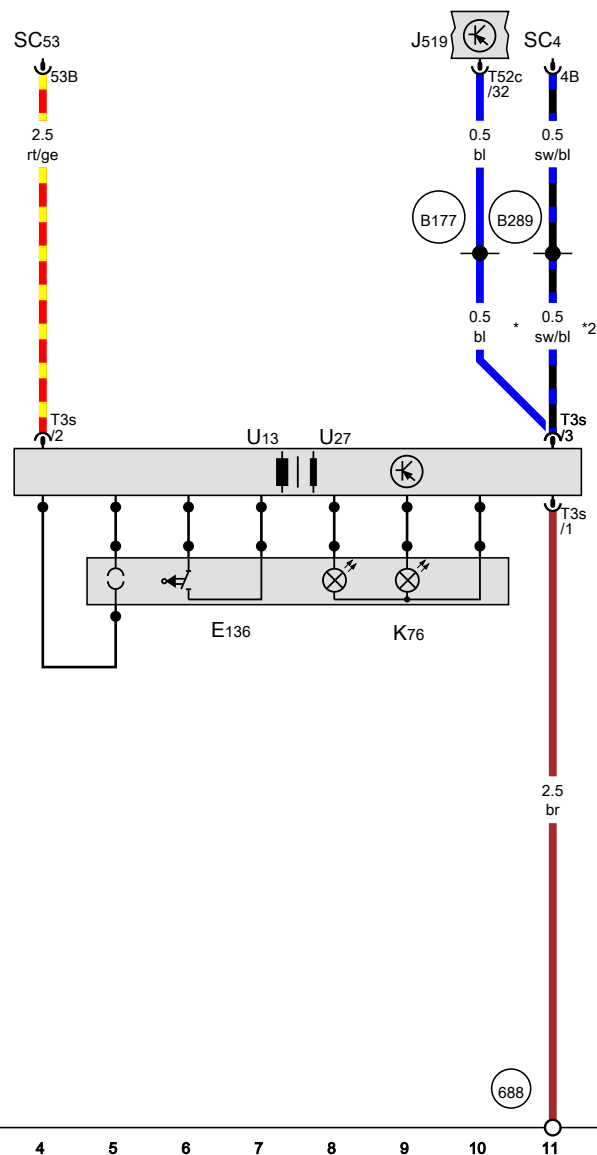
688 Earth point 2, on centre tunnel

B177 Connection (61), in interior wiring harness

B289 Positive connection 13 (15a) in main wiring harness

* For models with no start/stop system

*2 For models with start/stop system



- ws = white
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Multifunction steering wheel

From May 2010

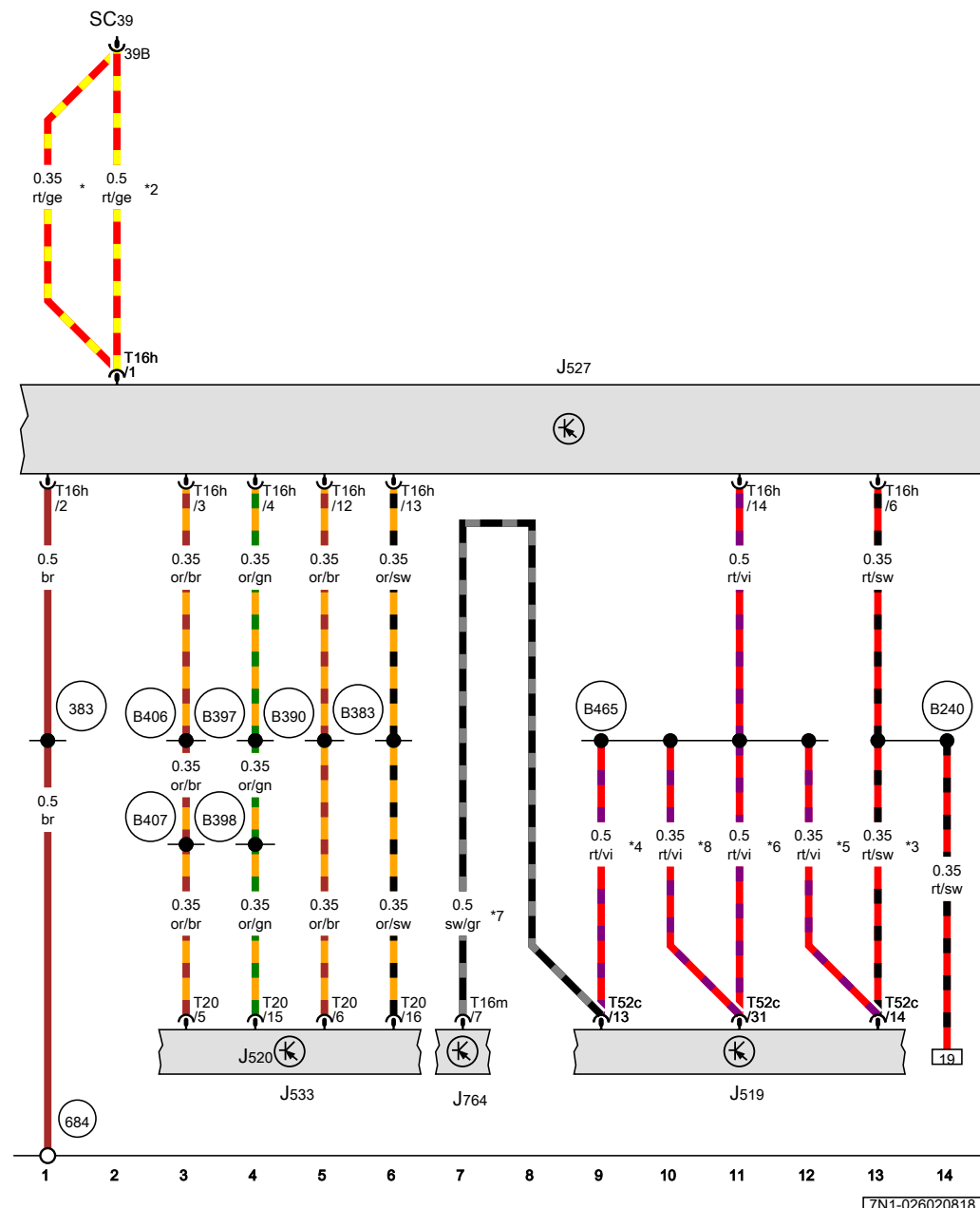
Steering column electronics control unit

- J519 Onboard supply control unit
- J520 Onboard supply control unit 2
- J527 Steering column electronics control unit
- J533 Data bus diagnostic interface
- J764 Control unit for electronic steering column lock
- SC39 Fuse 39 on fuse holder C
- T16h 16-pin connector
- T16m 16-pin connector
- T20 20-pin connector
- T52c 52-pin connector

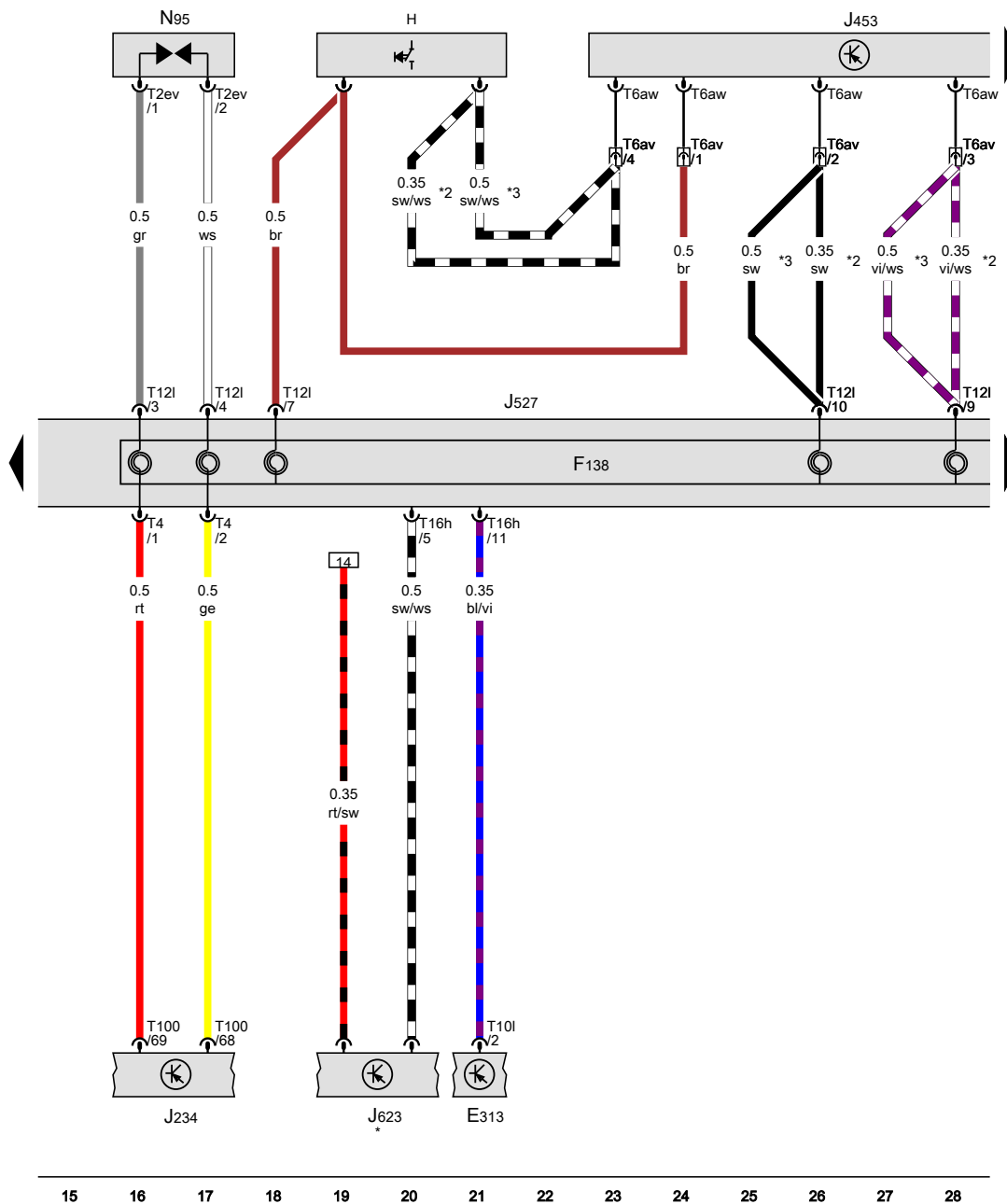
- 383 Earth connection 18, in main wiring harness
- 684 Earth point on front of left side member
- B240 Positive connection 2 (50), in interior wiring harness
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- 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
- B465 Connection 1, in main wiring harness

- * From May 2016
- *2 Up to May 2016
- *3 For models with no start/stop system
- *4 For models with no entry and start authorisation
- *5 For models with start/stop system
- *6 Up to November 2017
- *7 For models with entry and start authorisation
- *8 From November 2017

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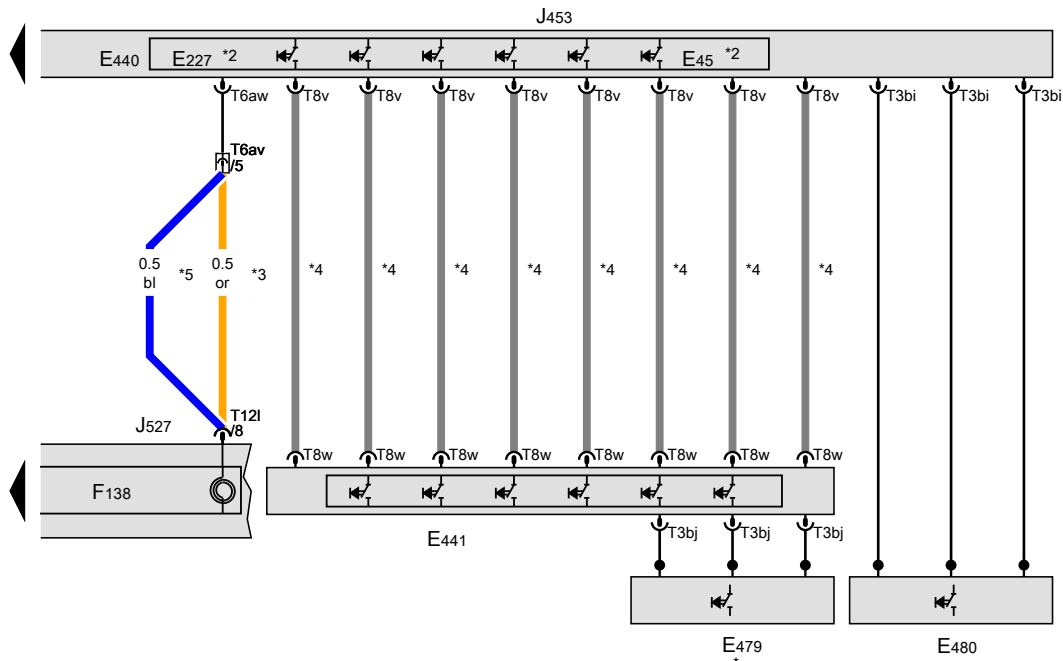


Airbag coil connector and return ring with slip ring, Horn plate, Airbag control unit, Multifunction steering wheel control unit, Steering column electronics control unit, Airbag igniter on driver side



- E313 Selector lever
- F138 Airbag coil connector and return ring with slip ring
- H Horn plate
- J234 Airbag control unit
- J453 Multifunction steering wheel control unit
- J527 Steering column electronics control unit
- J623 Engine/motor control unit
- N95 Airbag igniter on driver side
- T2ev 2-pin connector
- T4 4-pin connector
- T6av 6-pin connector
- T6aw 6-pin connector
- T10l 10-pin connector
- T12l 12-pin connector
- T16h 16-pin connector
- T100 100-pin connector
- * see applicable current flow diagram for engine
- *2 Up to April 2011
- *3 From May 2011

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Multifunction buttons on left in steering wheel, Multifunction buttons on right in steering wheel, Tiptronic switch (shift up), Tiptronic switch (shift down), Airbag coil connector and return ring with slip ring, Multifunction steering wheel control unit, Steering column electronics control unit

- E45 Cruise control system switch
- E227 Cruise control system (CCS) SET button
- E440 Multifunction buttons on left in steering wheel
- E441 Multifunction buttons on right in steering wheel
- E479 Tiptronic switch (shift up)
- E480 Tiptronic switch (shift down)
- F138 Airbag coil connector and return ring with slip ring
- J453 Multifunction steering wheel control unit
- J527 Steering column electronics control unit
- T3bi 3-pin connector
- T3bj 3-pin connector
- T6av 6-pin connector
- T6aw 6-pin connector
- T8v 8-pin connector
- T8w 8-pin connector
- T12l 12-pin connector
- * According to equipment
- *2 For models with cruise control system
- *3 Up to April 2011
- *4 Adapter wire
- *5 From May 2011

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Seat heating

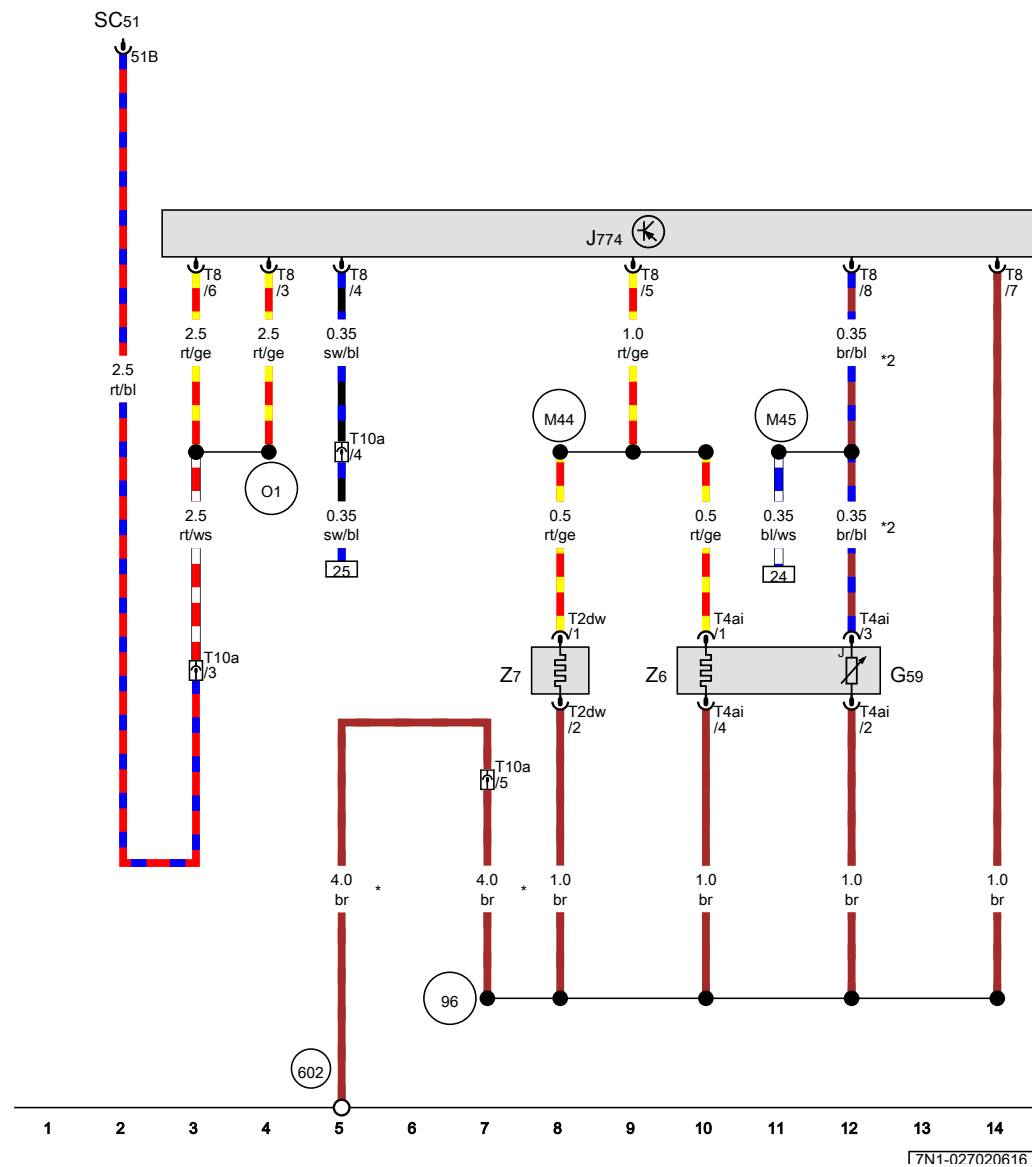
From May 2010

Driver seat temperature sensor, Heated front seats control unit, Heated seat cushion for driver seat, Heated backrest for driver seat

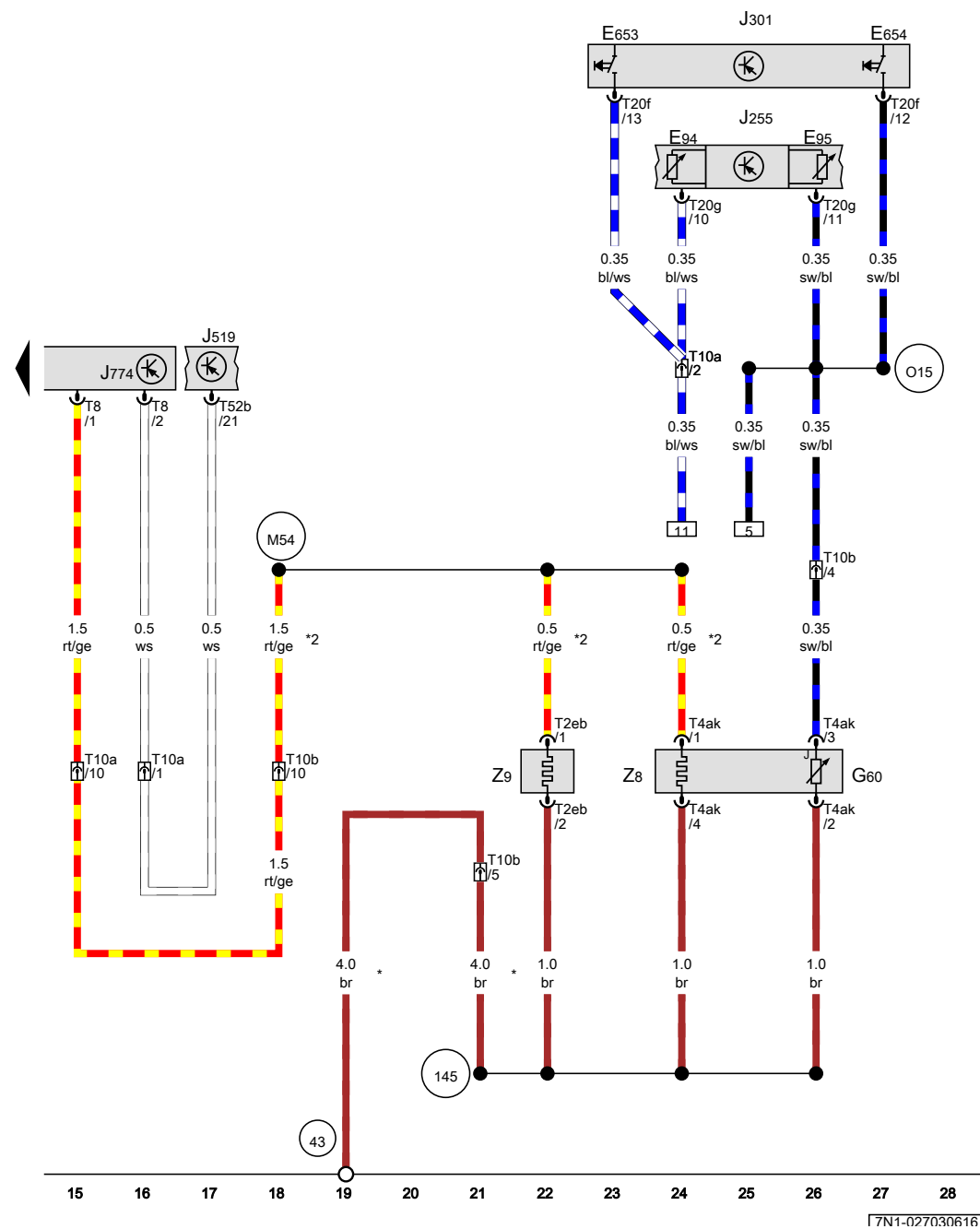
- G59 Driver seat temperature sensor
- J774 Heated front seats control unit
- SC51 Fuse 51 on fuse holder C
- T2dw 2-pin connector
- T4ai 4-pin connector
- T8 8-pin connector
- T10a 10-pin connector
- Z6 Heated seat cushion for driver seat
- Z7 Heated backrest for driver seat

- 96 Earth connection 1, in seat heating wiring harness
- 602 Earth point, in front left footwell
- M44 Connection 4, in driver seat wiring harness
- M45 Connection 5, in driver seat wiring harness
- O1 Positive connection (30), in seat heating wiring harness

* Cross section depends on equipment
*2 Wiring colour depends on equipment



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Heated driver seat regulator, Heated front passenger seat regulator, Button for left seat heating, Button for right seat heating, Front passenger seat temperature sensor, Climatronic control unit, Air conditioning system control unit, Onboard supply control unit, Heated front seats control unit, Heated seat cushion for front passenger seat, Heated backrest for front passenger seat

- E94 Heated driver seat regulator
- E95 Heated front passenger seat regulator
- E653 Button for left seat heating
- E654 Button for right seat heating
- G60 Front passenger seat temperature sensor
- J255 Climatronic control unit
- J301 Air conditioning system control unit
- J519 Onboard supply control unit
- J774 Heated front seats control unit
- T2eb 2-pin connector
- T4ak 4-pin connector
- T8 8-pin connector
- T10a 10-pin connector
- T10b 10-pin connector
- T20f 20-pin connector
- T20g 20-pin connector
- T52b 52-pin connector
- Z8 Heated seat cushion for front passenger seat
- Z9 Heated backrest for front passenger seat

- 43 Earth point, lower part of right A-pillar
- 145 Earth connection 3, in seat heating wiring harness
- M54 Connection 4, in front passenger seat wiring harness
- O15 Connection 4, in seat heating wiring harness

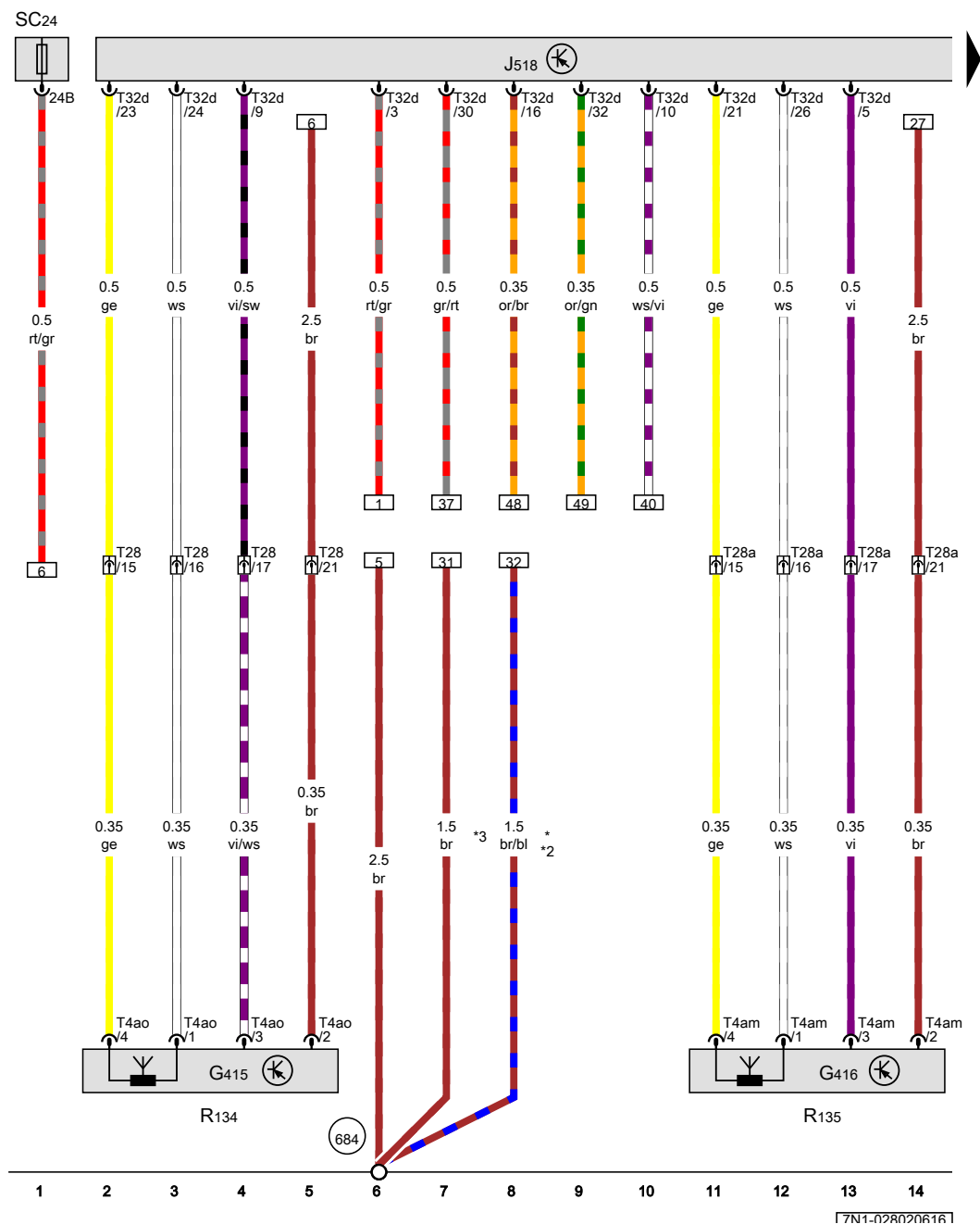
- * Cross section depends on equipment
- *2 Wiring colour depends on equipment

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"Keyless access" locking and starting system

From May 2010

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

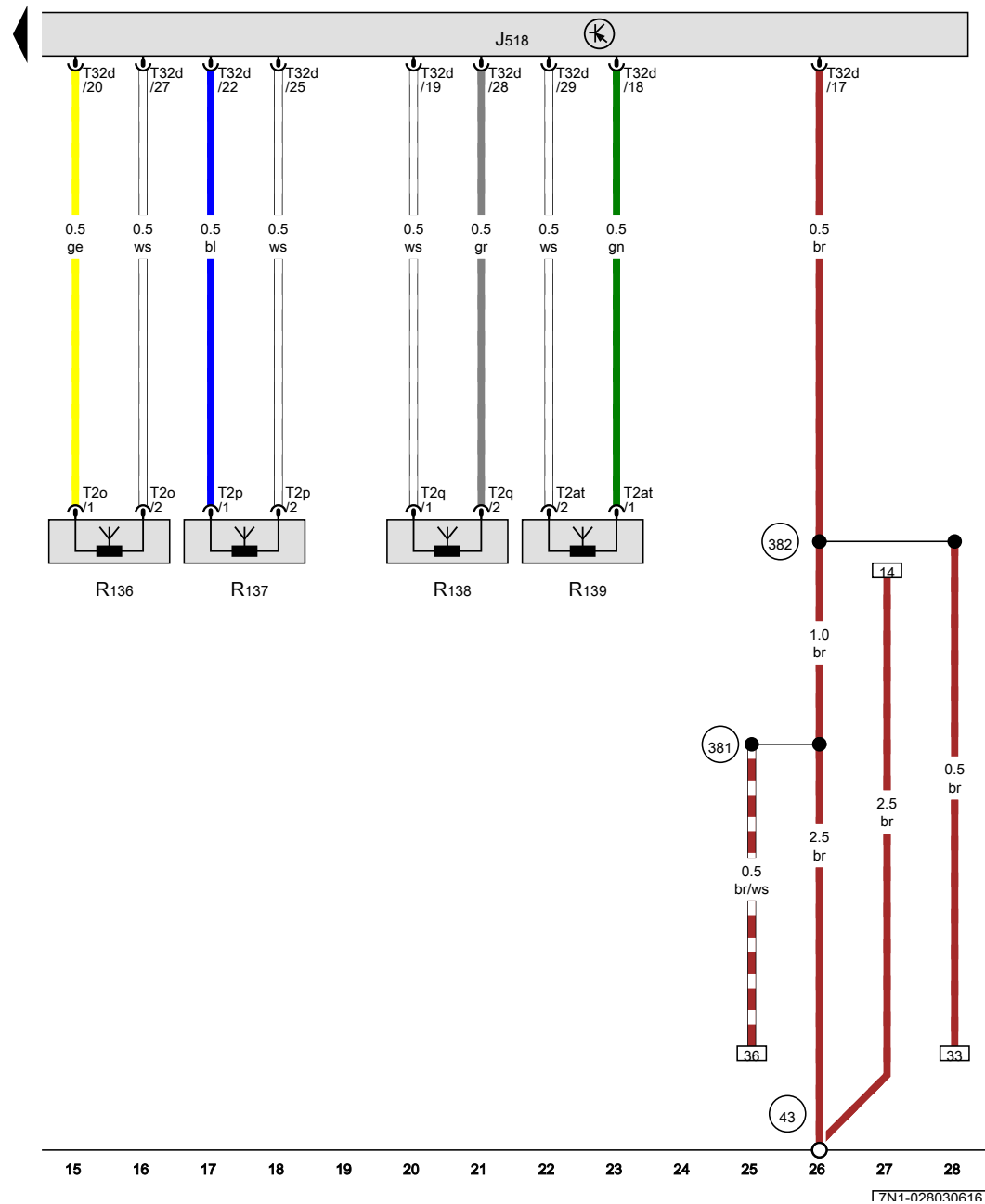


- G415 Driver door exterior handle contact sensor
- G416 Front passenger door exterior handle contact sensor
- J518 Entry and start authorisation control unit
- R134 Driver side aerial for entry and start system
- R135 Passenger side aerial for entry and start system
- SC24 Fuse 24 on fuse holder C
- T4am 4-pin connector
- T4ao 4-pin connector
- T28 28-pin connector
- T28a 28-pin connector
- T32d 32-pin connector

684 Earth point on front of left side member

- * From May 2011
- *2 Up to October 2011
- *3 Up to April 2011

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

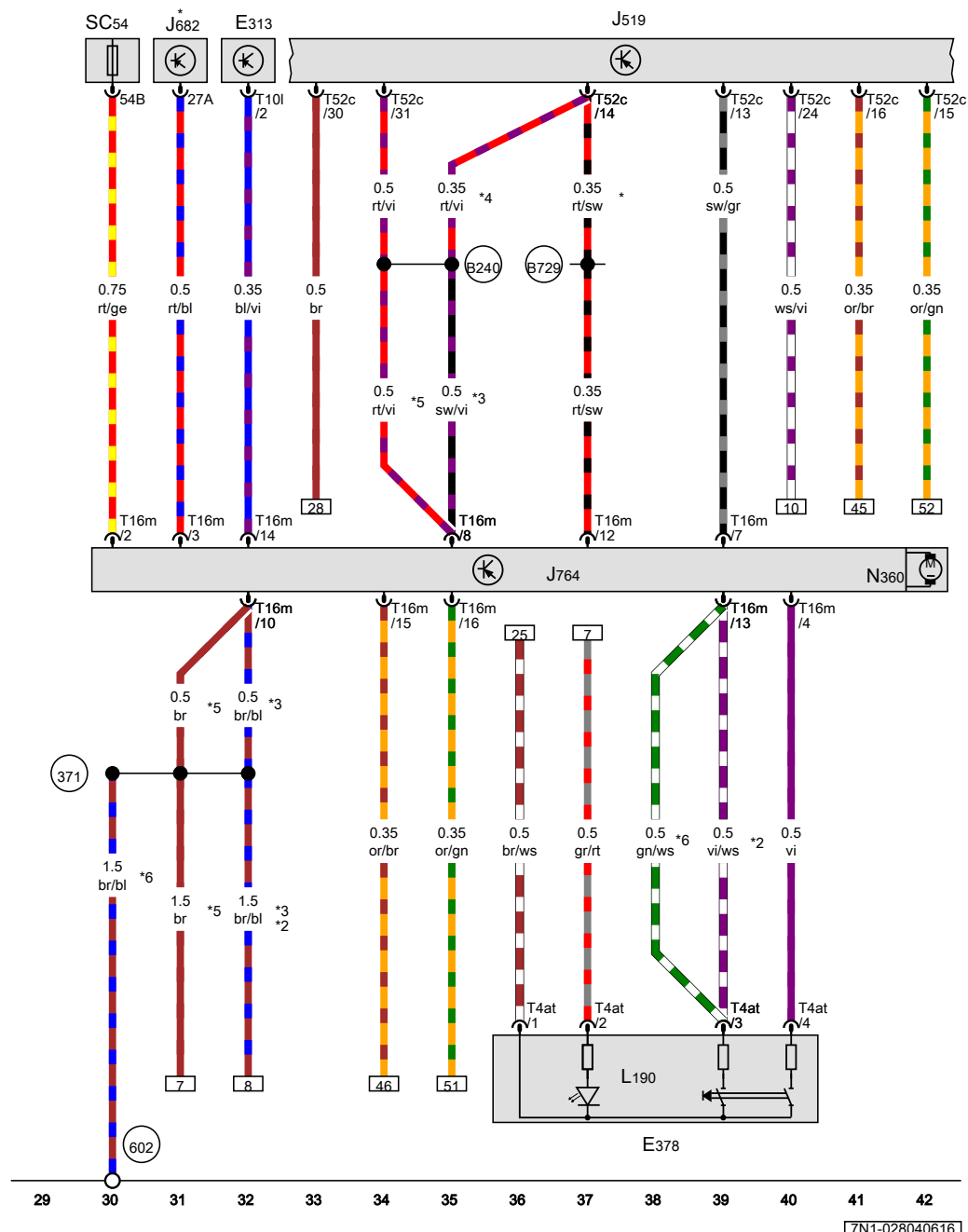


Entry and start authorisation control unit, Rear bumper aerial for entry and start system, Luggage compartment aerial for entry and start system, Interior aerial 1 for entry and start system, Interior aerial 2 for entry and start system

- 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
- T2at 2-pin connector
- T2o 2-pin connector
- T2p 2-pin connector
- T2q 2-pin connector
- T32d 32-pin connector

- 43 Earth point, lower part of right A-pillar
- 381 Earth connection 16, in main wiring harness
- 382 Earth connection 17, in main wiring harness

Starter button, Onboard supply control unit, Control unit for electronic steering column lock



- E313 Selector lever
- E378 Starter button
- J519 Onboard supply control unit
- J682 Terminal 50 voltage supply relay
- J764 Control unit for electronic steering column lock
- L190 Ignition and starter button illumination bulb
- N360 Steering column lock control element
- SC54 Fuse 54 on fuse holder C
- T4at 4-pin connector
- T10I 10-pin connector
- T16m 16-pin connector
- T52c 52-pin connector

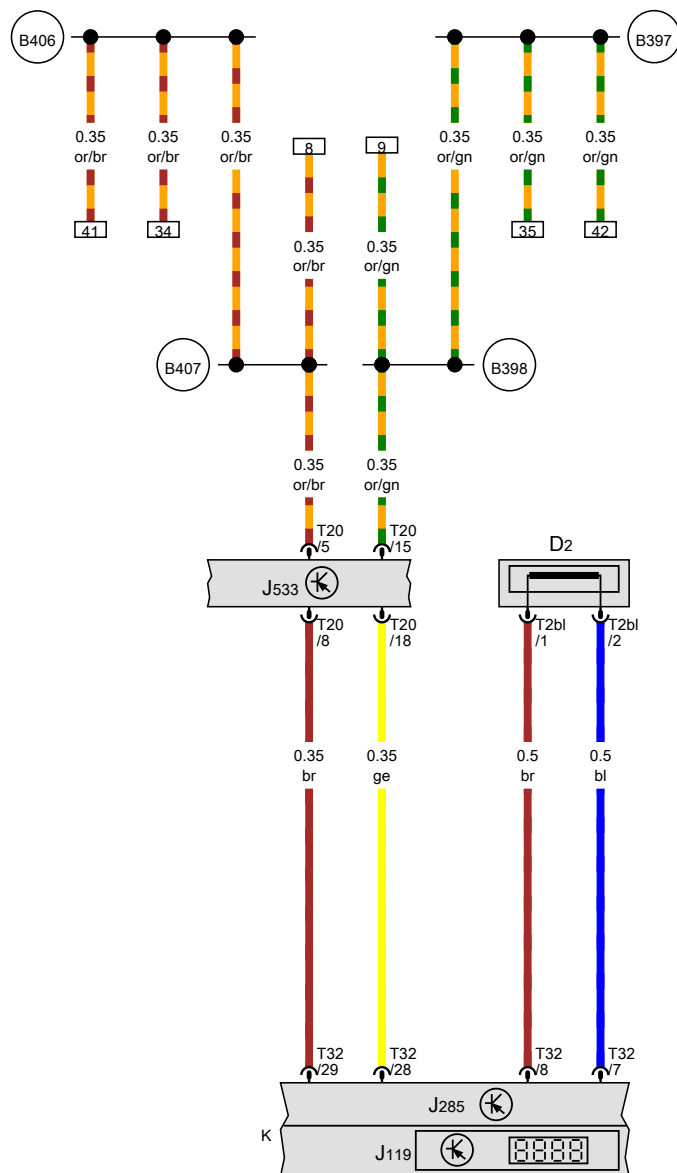
371 Earth connection 6, in main wiring harness

602 Earth point, in front left footwell

B240 Positive connection 2 (50), in interior wiring harness

B729 Connection 1 (50), in main wiring harness

- * Only models with no start/stop system
- *2 Up to October 2011
- *3 From May 2011
- *4 Only models with start/stop system
- *5 Up to April 2011
- *6 From November 2011



Immobiliser reader coil, Control unit in dash panel insert, Data bus diagnostic interface

- D2 Immobiliser reader coil
- J119 Multifunction indicator
- J285 Control unit in dash panel insert
- J533 Data bus diagnostic interface
- K Dash panel insert
- T2bl 2-pin connector
- T20 20-pin connector
- T32 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

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gr = grey
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vi = purple
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or = orange
rs = pink

Mobile telephone systems

From May 2010

Telematics button module, Mobile telephone operating electronics control unit, Telephone bracket

- E1 Light switch
- E734 Telematics button module
- J412 Mobile telephone operating electronics control unit
- R126 Telephone bracket
- SC17 Fuse 17 on fuse holder C
- T6n 6-pin connector
- T10g 10-pin connector
- T10h 10-pin connector
- T54 54-pin connector

390 Earth connection 25, in main wiring harness

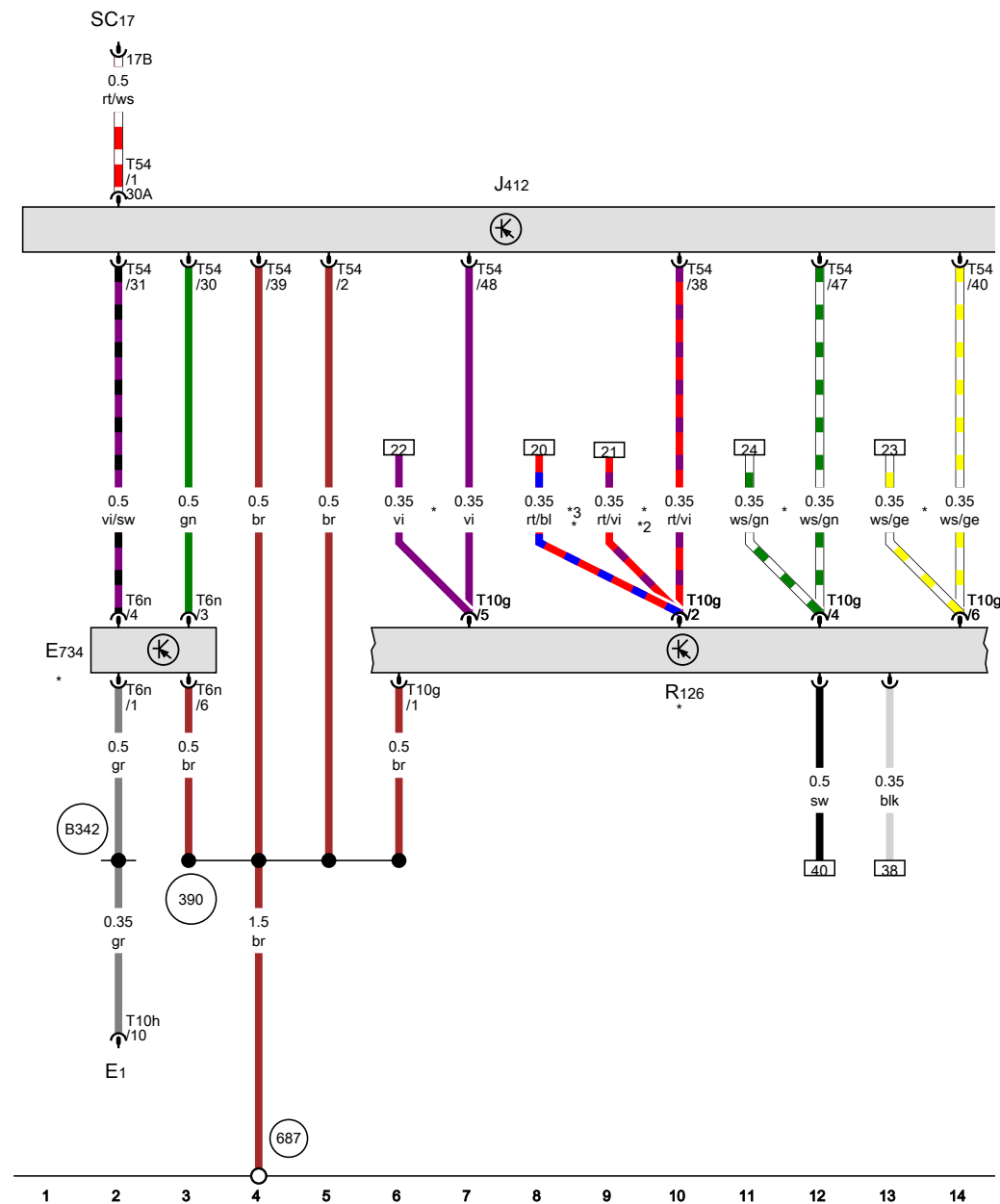
687 Earth point 1, on centre tunnel

B342 Connection 3 (58d), in main wiring harness

* According to equipment

*2 Up to May 2014

*3 From May 2014



Mobile telephone operating electronics control unit, Control unit 1 for information electronics

- J412 Mobile telephone operating electronics control unit
- J794 Control unit 1 for information electronics
- T8r 8-pin connector, black
- T12k 12-pin connector, green
- T26b 26-pin connector, black
- T54 54-pin connector

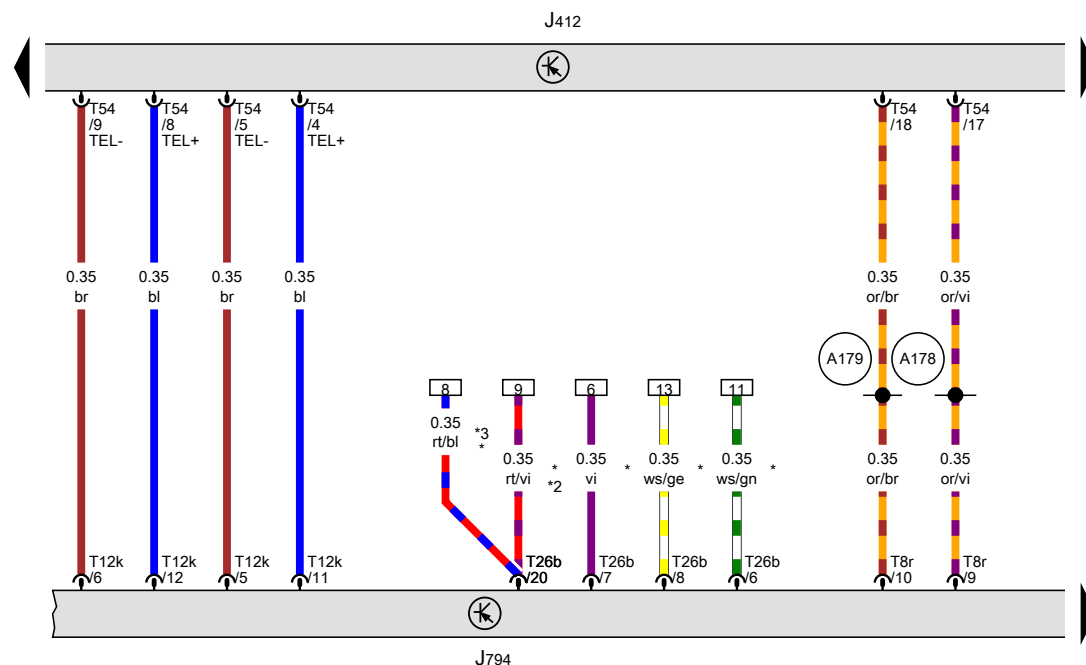
A178 Connection (infotainment CAN bus, high), in dash panel wiring harness

A179 Connection (infotainment CAN bus, low), in dash panel wiring harness

* According to equipment

*2 Up to May 2014

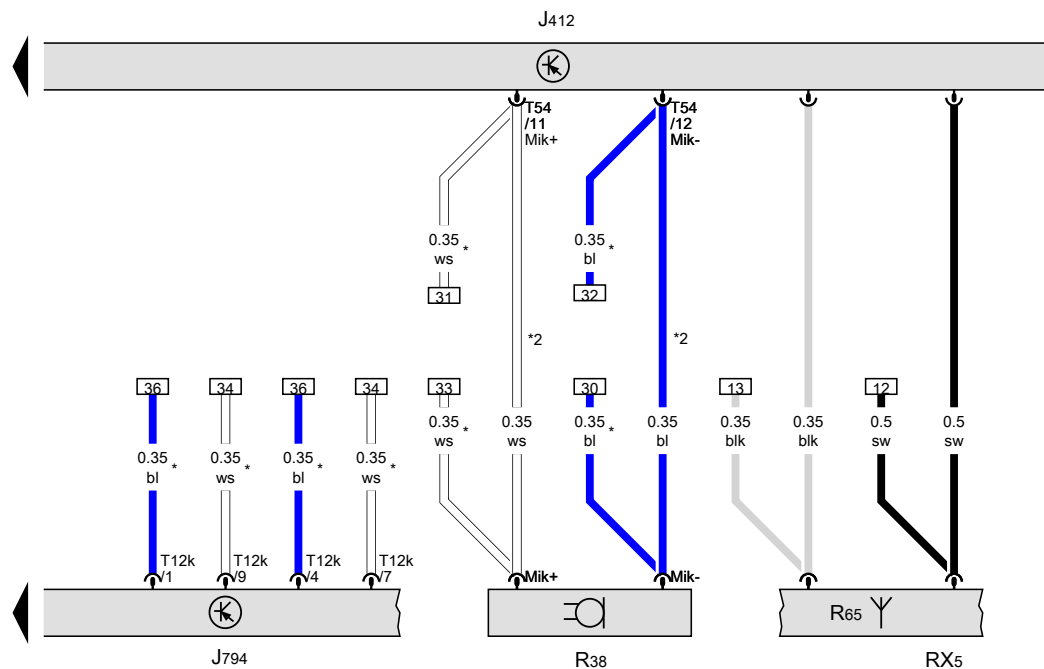
*3 From May 2014



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

Mobile telephone operating electronics control unit, Control unit 1 for information electronics, Roof aerial, Telephone microphone, Telephone aerial

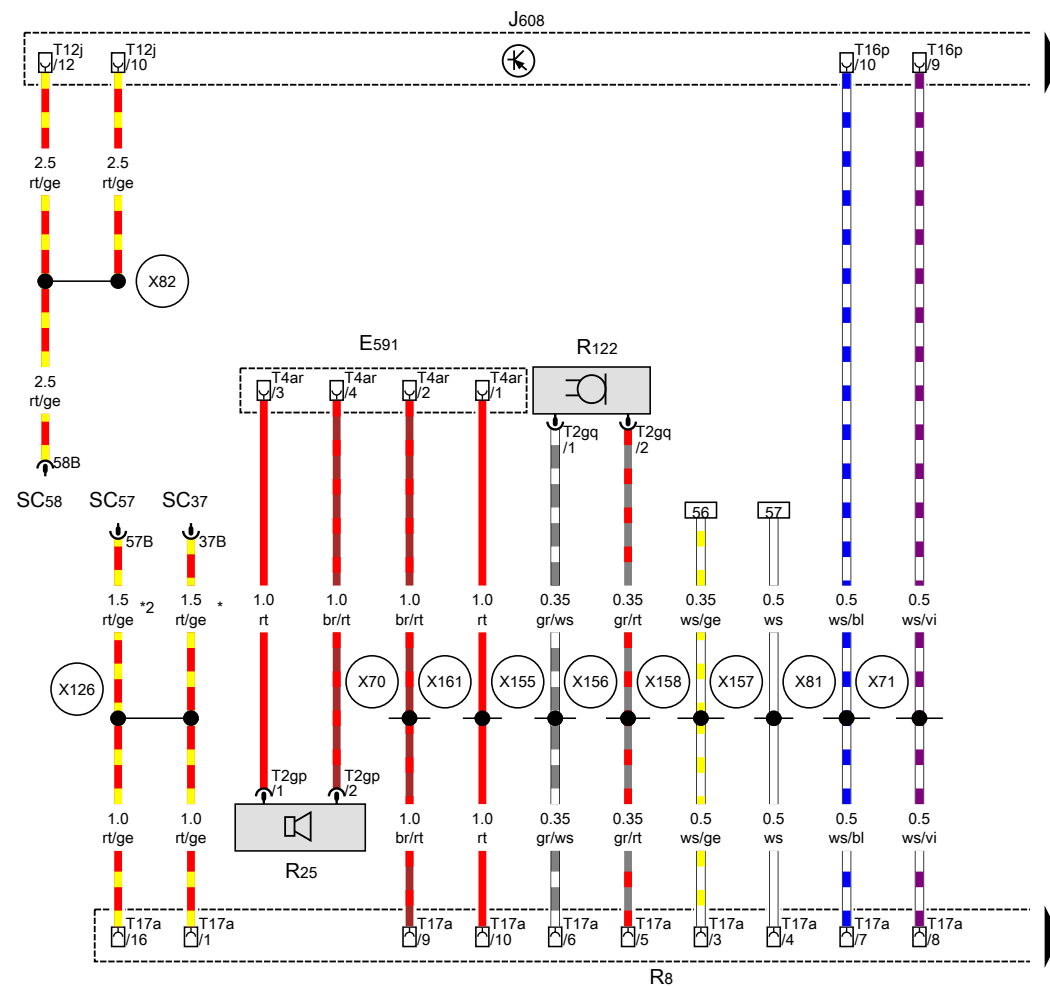
- J412 Mobile telephone operating electronics control unit
- J794 Control unit 1 for information electronics
- RX5 Roof aerial
- R38 Telephone microphone
- R65 Telephone aerial
- T12k 12-pin connector, green
- T54 54-pin connector
- * For models with radio navigation system
- *2 For models with no navigation system



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- bl = blue
- gr = grey
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- vi = purple
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Taxi equipment

From May 2010



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

Volume control for two-way radio, Special vehicle control unit, Two-way radio, Two-way radio loudspeaker, 2-way radio unit microphone

E591 Volume control for two-way radio
 J608 Special vehicle control unit
 R8 Two-way radio
 R25 Two-way radio loudspeaker
 R122 2-way radio unit microphone
 SC37 Fuse 37 on fuse holder C
 SC57 Fuse 57 on fuse holder C
 SC58 Fuse 58 on fuse holder C
 T2gp 2-pin connector
 T2gq 2-pin connector
 T4ar 4-pin connector
 T12j 12-pin connector
 T16p 16-pin connector
 T17a 17-pin connector

X70 Connection 2, in taxi wiring harness

X71 Connection 3, in taxi wiring harness

X81 Connection 4, in taxi wiring harness

X82 Positive connection 1 (30a), in taxi wiring harness

X126 Positive connection 2 (30a), in taxi wiring harness

X155 Connection 5, in taxi wiring harness

X156 Connection 6, in taxi wiring harness

X157 Connection 7, in taxi wiring harness

X158 Connection 8, in taxi wiring harness

X161 Connection 11, in taxi wiring harness

* Up to November 2011

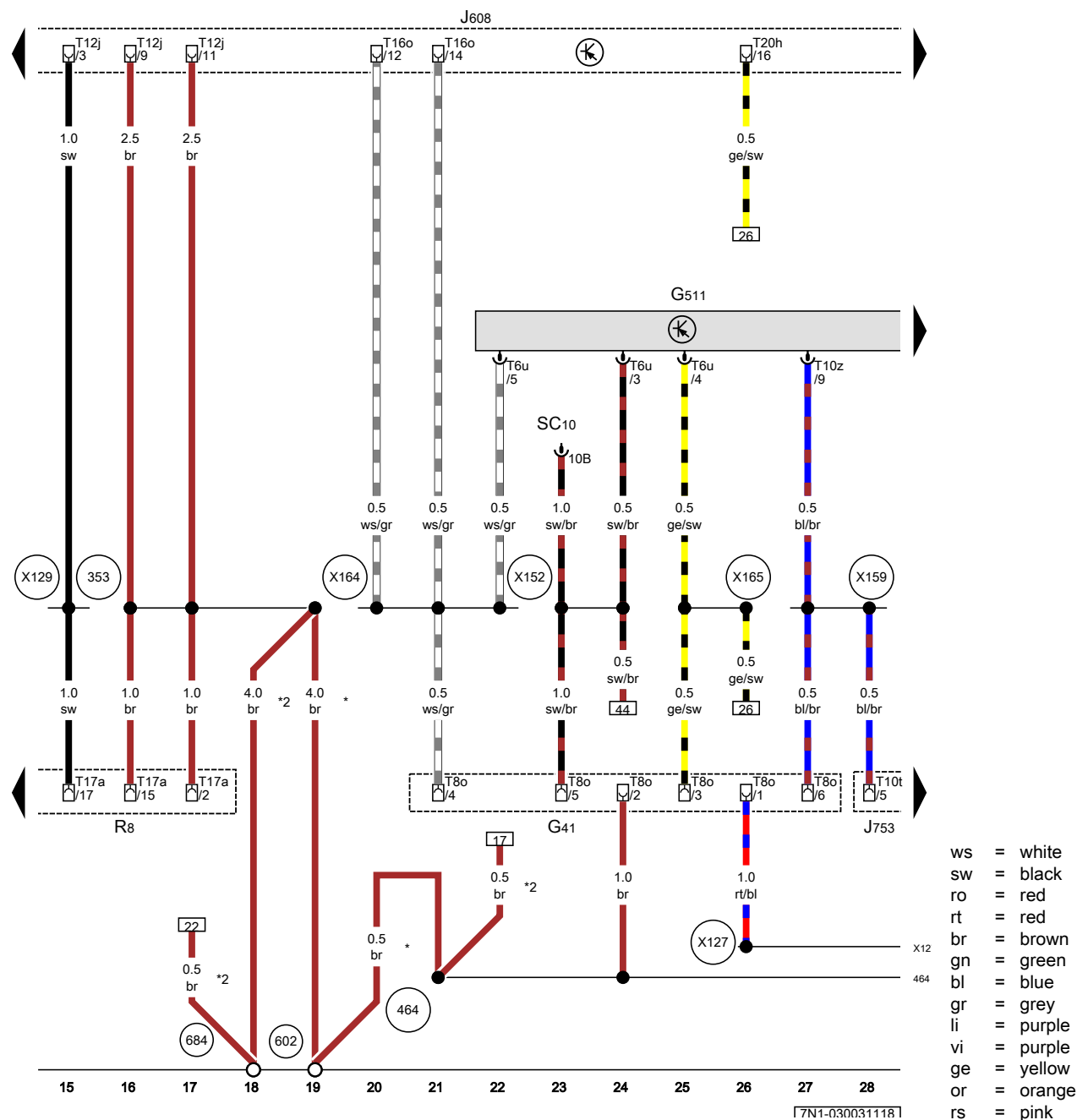
*2 From November 2011

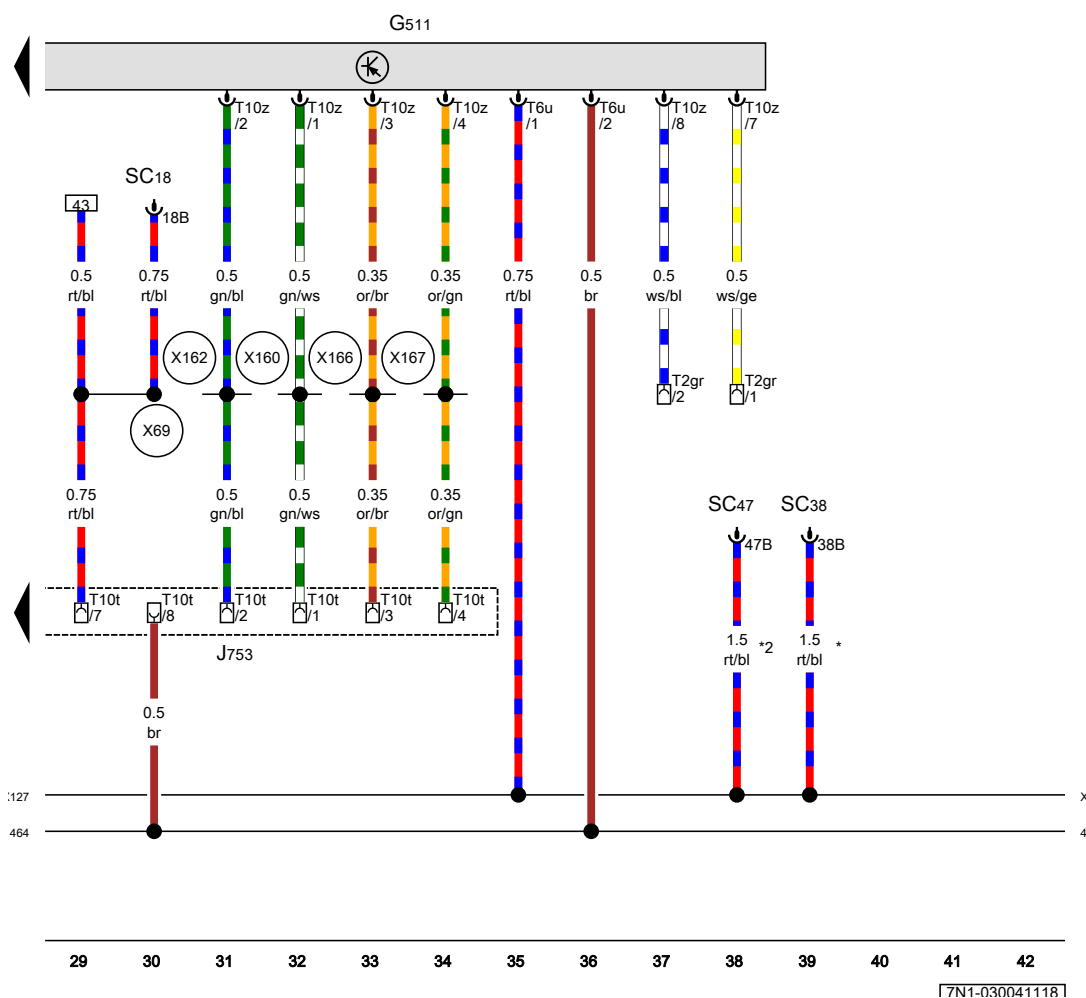
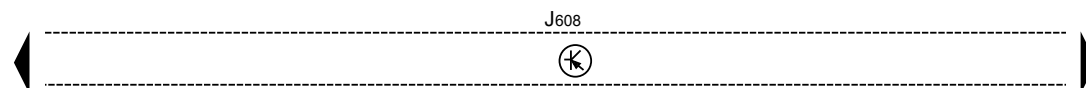
**Taximeter, Mirror taximeter, Special vehicle control unit,
Data transmission control unit, Two-way radio**

- | | |
|------|--------------------------------|
| G41 | Taximeter |
| G511 | Mirror taximeter |
| J608 | Special vehicle control unit |
| J753 | Data transmission control unit |
| R8 | Two-way radio |
| SC10 | Fuse 10 on fuse holder C |
| T6u | 6-pin connector |
| T8o | 8-pin connector |
| T10t | 10-pin connector |
| T10z | 10-pin connector |
| T12j | 12-pin connector |
| T16o | 16-pin connector |
| T17a | 17-pin connector |
| T20h | 20-pin connector |

- 353 Earth connection, in taxi wiring harness
- 464 Earth connection 3, in taxi wiring harness
- 602 Earth point, in front left footwell
- 684 Earth point on front of left side member
- X127 Positive connection 3 (30a), in taxi wiring harness
- X129 Positive connection 1 (15), in taxi wiring harness
- X152 Positive connection 2 (15), in taxi wiring harness
- X159 Connection 9, in taxi wiring harness
- X164 Connection 14, in taxi wiring harness
- X165 Connection 15, in taxi wiring harness

- * Up to November 2011
*2 From November 2011



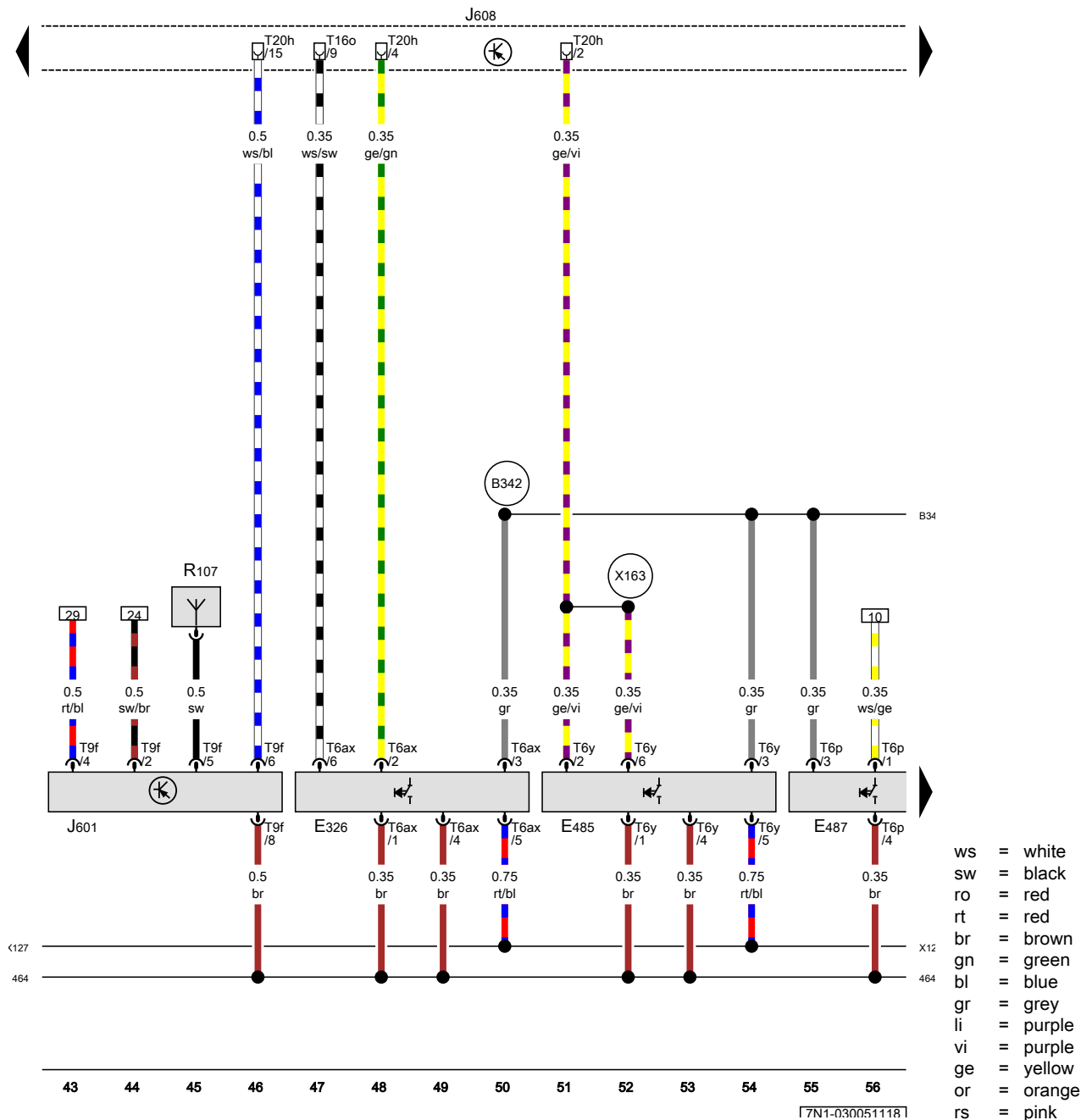


Mirror taximeter, Special vehicle control unit, Data transmission control unit

- G511 Mirror taximeter
- J608 Special vehicle control unit
- J753 Data transmission control unit
- SC18 Fuse 18 on fuse holder C
- SC38 Fuse 38 on fuse holder C
- SC47 Fuse 47 on fuse holder C
- T2gr 2-pin connector
- T6u 6-pin connector
- T10t 10-pin connector
- T10z 10-pin connector

- 464 Earth connection 3, in taxi wiring harness
- X69 Connection 1, in taxi wiring harness
- X127 Positive connection 3 (30a), in taxi wiring harness
- X160 Connection 10, in taxi wiring harness
- X162 Connection 12, in taxi wiring harness
- X166 Connection (low bus), in taxi wiring harness
- X167 Connection (high bus), in taxi wiring harness
- * Up to November 2011
- *2 From November 2011

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- or = orange
- rs = pink



Front interior light button, Taxi alarm active button, Hands-free system button, Taxi alarm remote control, control unit, Special vehicle control unit, Remote controlled taxi alarm aerial

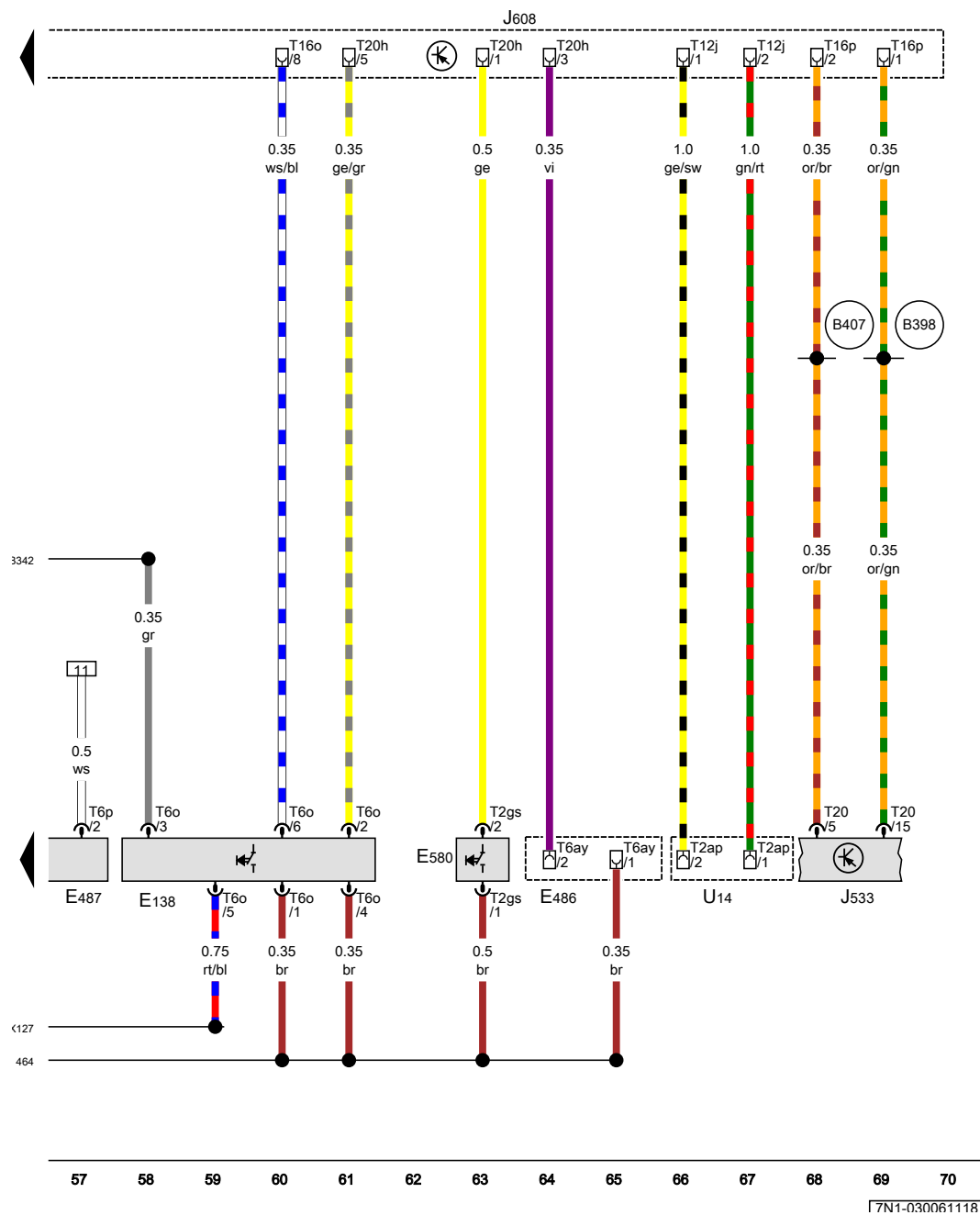
- E326 Front interior light button
- E485 Taxi alarm active button
- E487 Hands-free system button
- J601 Taxi alarm remote control, control unit
- J608 Special vehicle control unit
- R107 Remote controlled taxi alarm aerial
- T6ax 6-pin connector
- T6p 6-pin connector
- T6y 6-pin connector
- T9f 9-pin connector
- T16o 16-pin connector
- T20h 20-pin connector

464 Earth connection 3, in taxi wiring harness

B342 Connection 3 (58d), in main wiring harness

X127 Positive connection 3 (30a), in taxi wiring harness

X163 Connection 13, in taxi wiring harness



Taxi sign switch, Taxi alarm off button, Hands-free system button, Passive Taxi alarm button, Data bus diagnostic interface, Special vehicle control unit, Taxi roof sign socket

- E138 Taxi sign switch
- E486 Taxi alarm off button
- E487 Hands-free system button
- E580 Passive Taxi alarm button
- J533 Data bus diagnostic interface
- J608 Special vehicle control unit
- T2ap 2-pin connector
- T2gs 2-pin connector
- T6ay 6-pin connector
- T6o 6-pin connector
- T6p 6-pin connector
- T12j 12-pin connector
- T16o 16-pin connector
- T16p 16-pin connector
- T20 20-pin connector
- T20h 20-pin connector
- U14 Taxi roof sign socket

- 464 Earth connection 3, in taxi wiring harness
- B342 Connection 3 (58d), 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
- X127 Positive connection 3 (30a), in taxi wiring harness

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 gr = grey
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 vi = purple
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Electrically operated rear lid

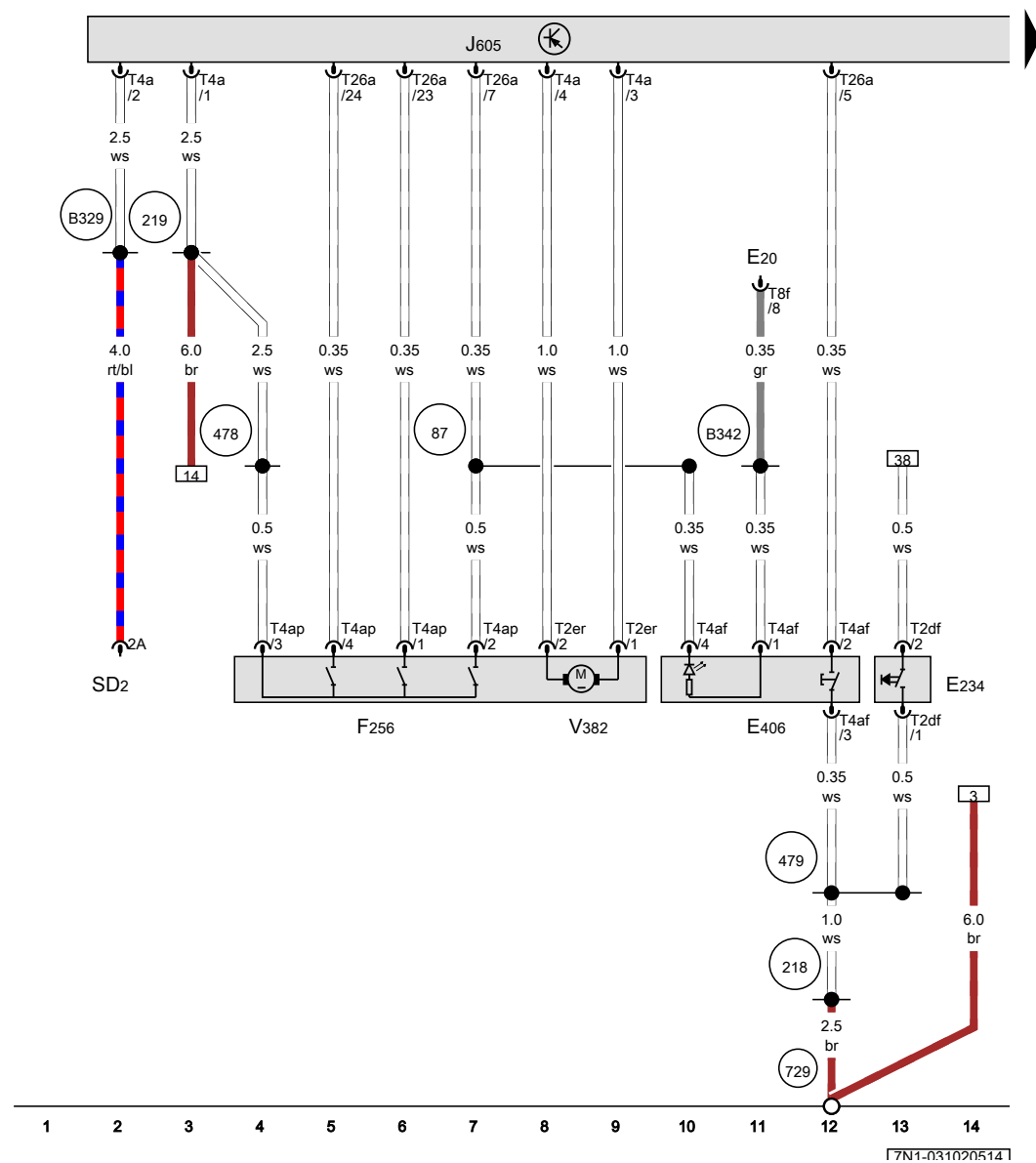
From May 2010

Rear lid handle release button, Button to close rear lid in luggage compartment, Rear lid lock unit, Rear lid control unit, Power latching motor for rear lid

- E20 Switch and instrument illumination regulator
- E234 Rear lid handle release button
- E406 Button to close rear lid in luggage compartment
- F256 Rear lid lock unit
- J605 Rear lid control unit
- SD2 Fuse 2 on fuse holder D
- T2df 2-pin connector
- T2er 2-pin connector
- T4a 4-pin connector
- T4af 4-pin connector
- T4ap 4-pin connector
- T8f 8-pin connector
- T26a 26-pin connector
- V382 Power latching motor for rear lid

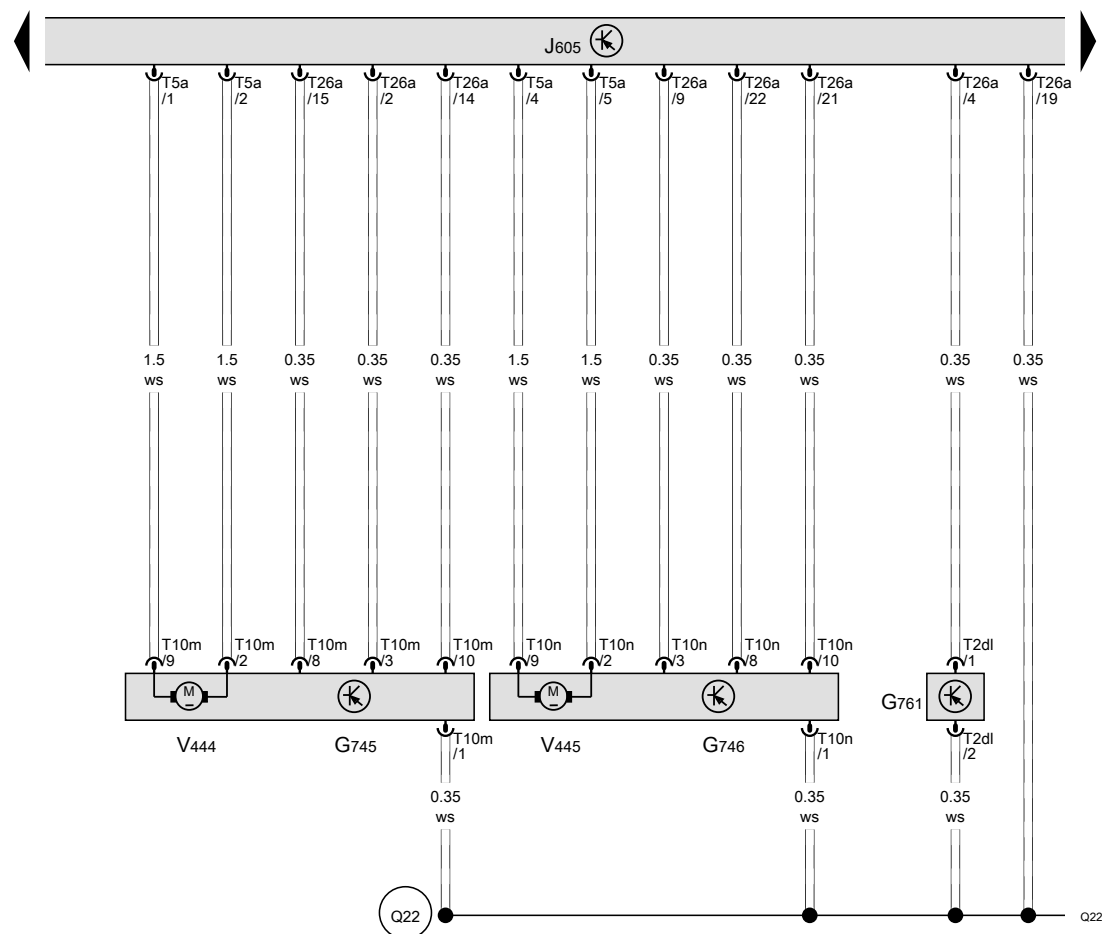
- 87 Earth connection 2, in rear wiring harness
- 218 Earth connection 1, in rear lid wiring harness
- 219 Earth connection 2, in rear lid wiring harness
- 478 Earth connection 3, in rear lid wiring harness
- 479 Earth connection 4, in rear lid wiring harness
- 729 Earth point, on left rear wheel housing
- B329 Positive connection 15 (30a) in main wiring harness
- B342 Connection 3 (58d), in main wiring 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



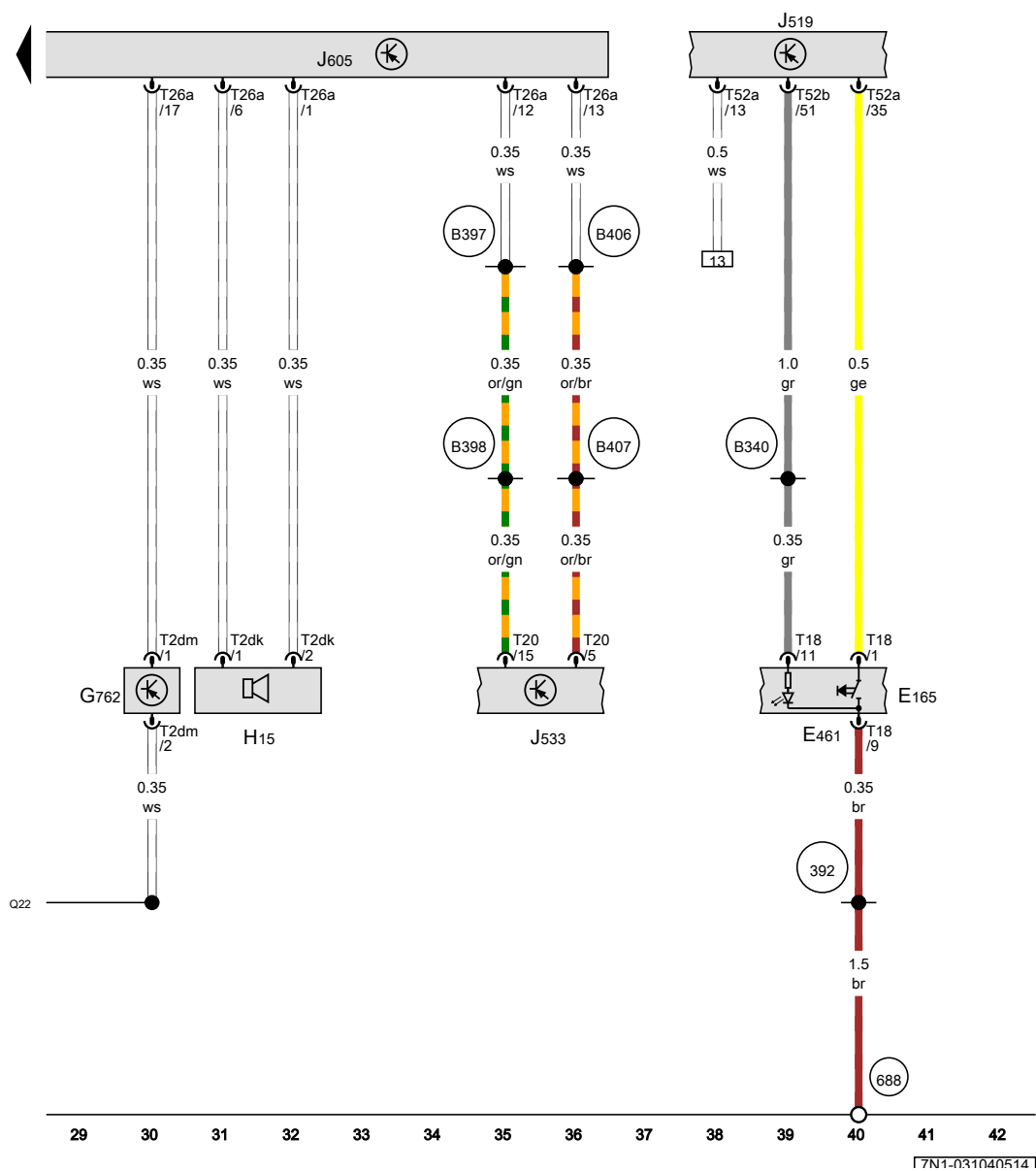
Sensor in motor 1 for rear lid, Sensor in motor 2 for rear lid, Anti-trapping sender 3, Rear lid control unit, Motor 1 for rear lid, Motor 2 for rear lid

- G745 Sensor in motor 1 for rear lid
- G746 Sensor in motor 2 for rear lid
- G761 Anti-trapping sender 3
- J605 Rear lid control unit
- T2dl 2-pin connector
- T5a 5-pin connector
- T10m 10-pin connector
- T10n 10-pin connector
- T26a 26-pin connector
- V444 Motor 1 for rear lid
- V445 Motor 2 for rear lid
- Q22 Connection 1, in rear lid wiring harness



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- rs = pink

Rear lid release switch, Anti-trapping sender 4, Rear parking aid warning buzzer, Onboard supply control unit, Data bus diagnostic interface, Rear lid control unit



- E165 Rear lid release switch
- E461 Operating unit in front of centre console
- G762 Anti-trapping sender 4
- H15 Rear parking aid warning buzzer
- J519 Onboard supply control unit
- J533 Data bus diagnostic interface
- J605 Rear lid control unit
- T2dk 2-pin connector
- T2dm 2-pin connector
- T18 18-pin connector
- T20 20-pin connector
- T26a 26-pin connector
- T52a 52-pin connector
- T52b 52-pin connector

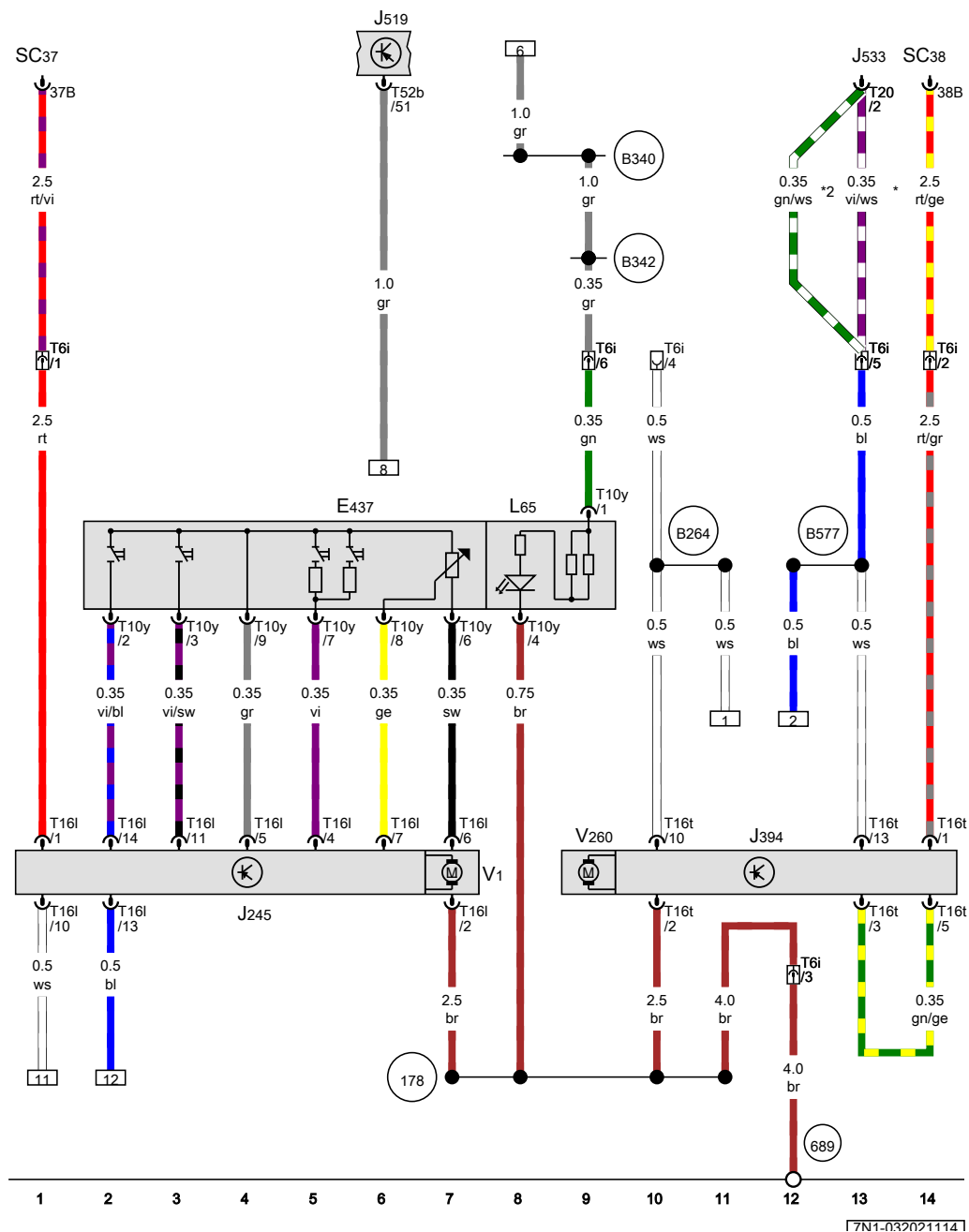
- 392 Earth connection 27, in main wiring harness
- 688 Earth point 2, on centre tunnel
- B340 Connection 1 (58d), in main wiring harness
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness
- Q22 Connection 1, in rear lid wiring harness

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Panoramic sliding sunroof

From May 2010

Sun blind and sunroof button, Sliding sunroof adjustment control unit, Sunroof roller blind control unit



- E437 Sun blind and sunroof button
- J245 Sliding sunroof adjustment control unit
- J394 Sunroof roller blind control unit
- J519 Onboard supply control unit
- J533 Data bus diagnostic interface
- L65 Sliding sunroof switch illumination bulb
- SC37 Fuse 37 on fuse holder C
- SC38 Fuse 38 on fuse holder C
- T6i 6-pin connector
- T10y 10-pin connector
- T16l 16-pin connector
- T16t 16-pin connector
- T20 20-pin connector
- T52b 52-pin connector
- V1 Sliding sunroof motor
- V260 Sunroof roller blind motor

- 178 Earth connection, in sliding sunroof wiring harness
- 689 Earth point, at front, central in roof
- B264 Connection 1, in roof wiring harness
- B340 Connection 1 (58d), in main wiring harness
- B342 Connection 3 (58d), in main wiring harness
- B577 LIN bus connection, in roof wiring harness

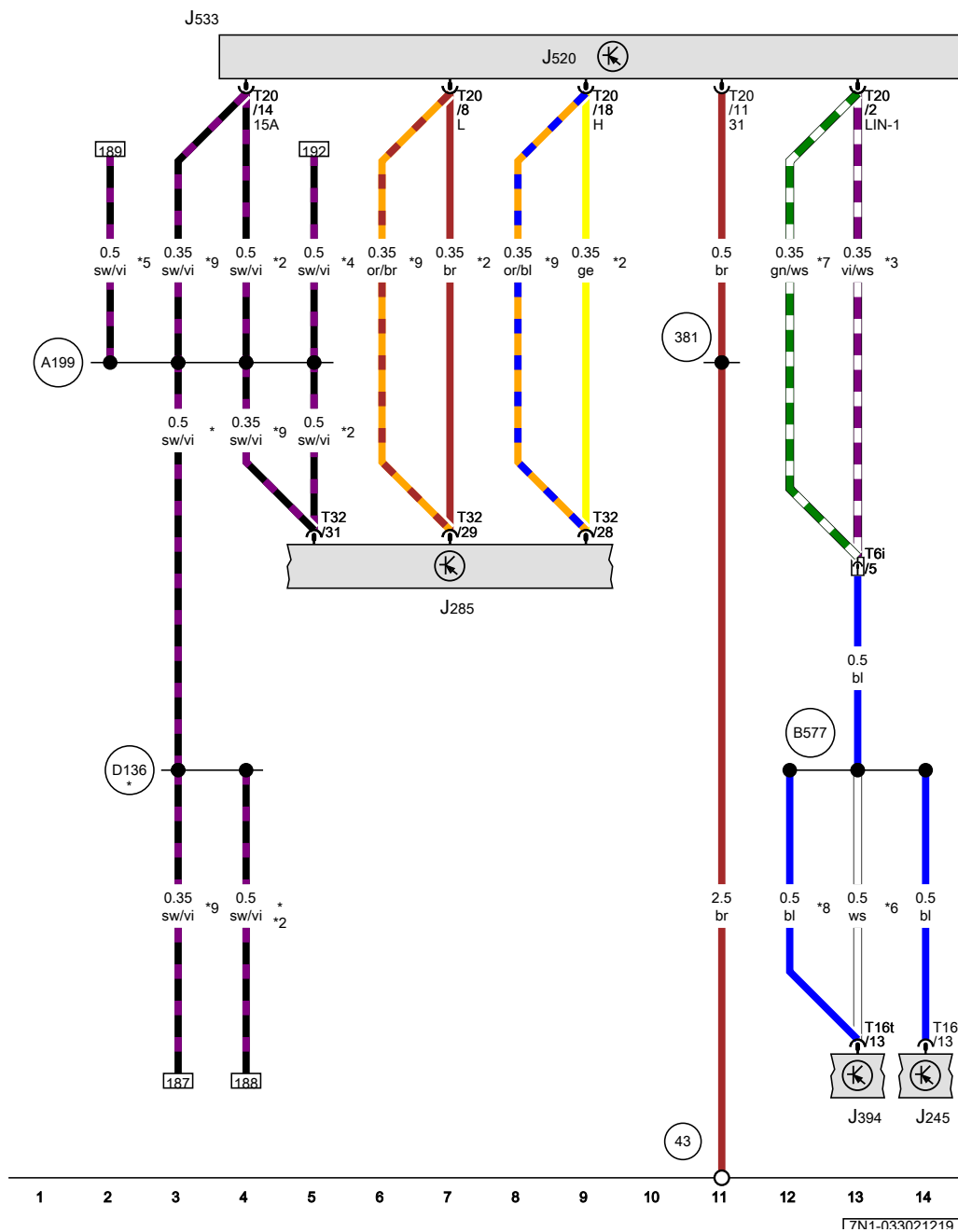
* Up to October 2011
 *2 From November 2011

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Data bus network

From May 2010

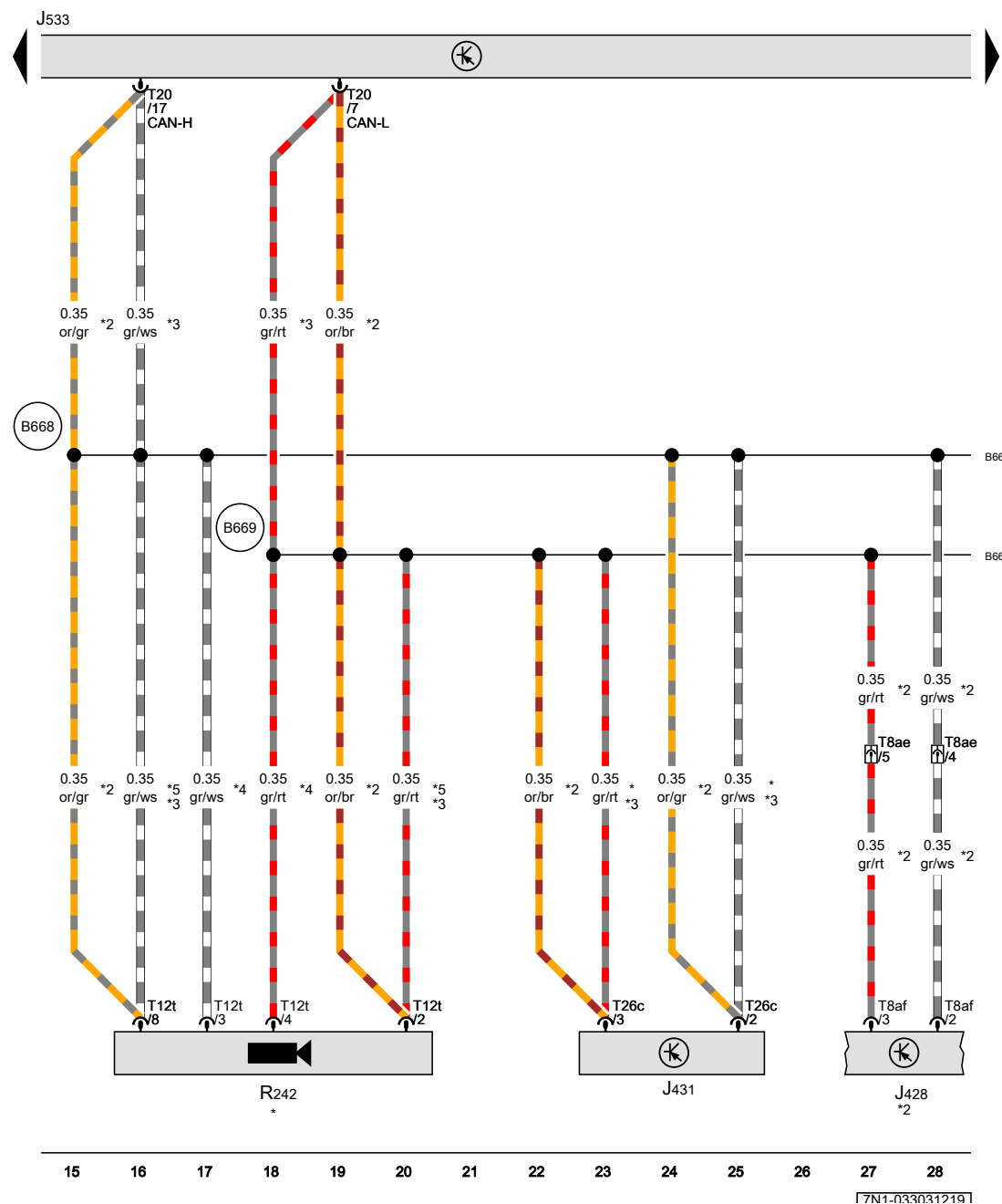
Sliding sunroof adjustment control unit, Control unit in dash panel insert, Sunroof roller blind control unit, Data bus diagnostic interface



ws = white
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 gn = green
 bl = blue
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- J245 Sliding sunroof adjustment control unit
- J285 Control unit in dash panel insert
- J394 Sunroof roller blind control unit
- J520 Onboard supply control unit 2
- J533 Data bus diagnostic interface
- T6i 6-pin connector, black
- T16i 16-pin connector, black
- T16t 16-pin connector, black
- T20 20-pin connector, red
- T32 32-pin connector, blue

- 43 Earth point, lower part of right A-pillar
- 381 Earth connection 16, in main wiring harness
- A199 Positive connection 4 (15a) in dash panel wiring harness
- B577 LIN bus connection, in roof wiring harness
- D136 Positive connection 2 (15a), in engine compartment wiring harness
- * From May 2015
- *2 Up to May 2016
- *3 Up to October 2011
- *4 see applicable current flow diagram for engine
- *5 Up to May 2015
- *6 Up to April 2012
- *7 From November 2011
- *8 From May 2012
- *9 From May 2016



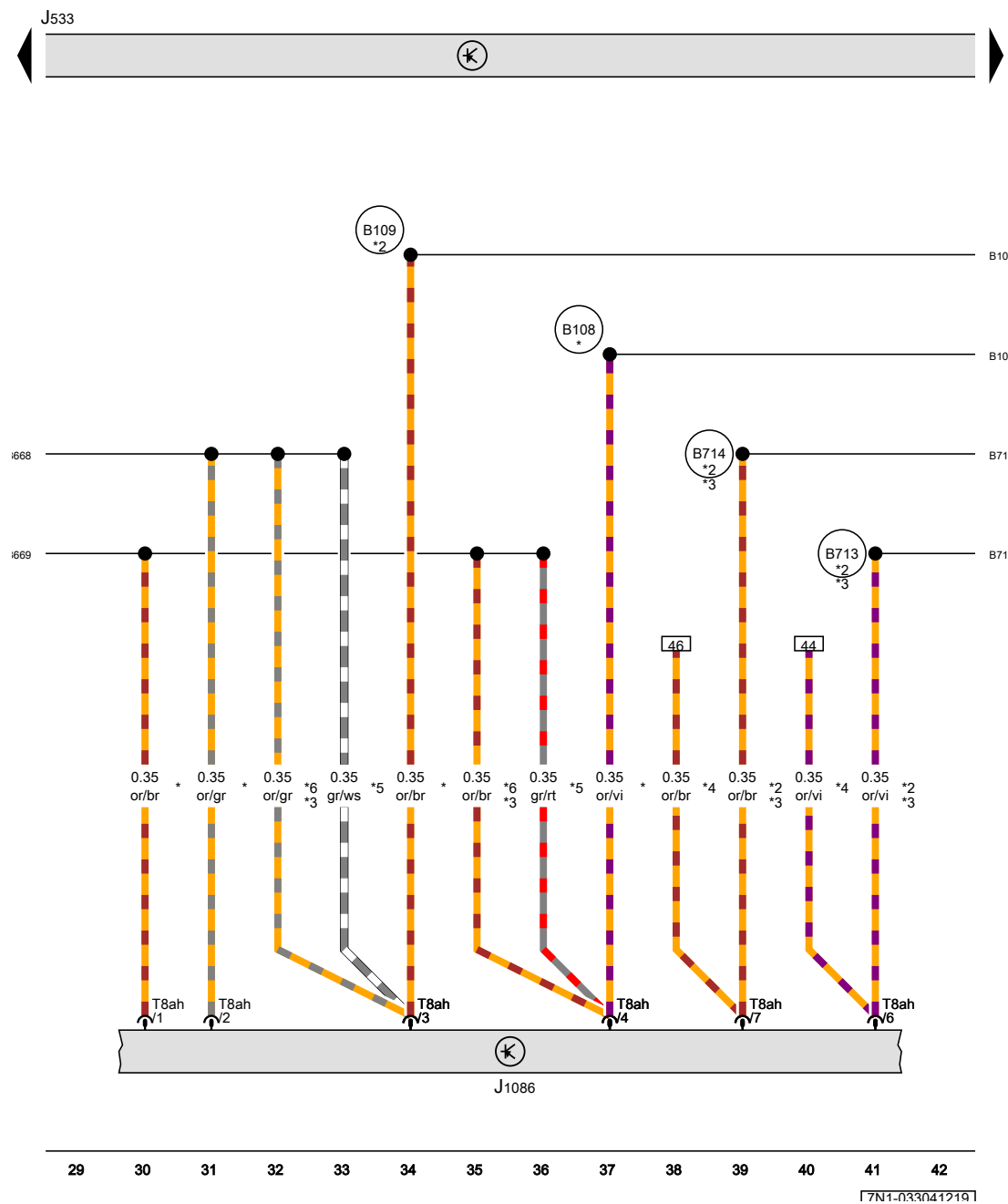
Headlight range control unit, Data bus diagnostic interface, Front camera for driver assist systems

- J428 Adaptive cruise control unit
- J431 Headlight range control unit
- J533 Data bus diagnostic interface
- R242 Front camera for driver assist systems
- T8ae 8-pin connector, black
- T8af 8-pin connector, black
- T12t 12-pin connector, black
- T20 20-pin connector, red
- T26c 26-pin connector, black

B668 Connection 2 (CAN bus extended high), in main wiring harness

B669 Connection 2 (CAN bus extended low), in main wiring harness

- * According to equipment
- *2 From May 2016
- *3 Up to May 2016
- *4 Up to May 2015
- *5 From May 2015



Data bus diagnostic interface, Blind Spot Monitor control unit

J533 Data bus diagnostic interface
J1086 Blind Spot Monitor control unit
T8ah 8-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

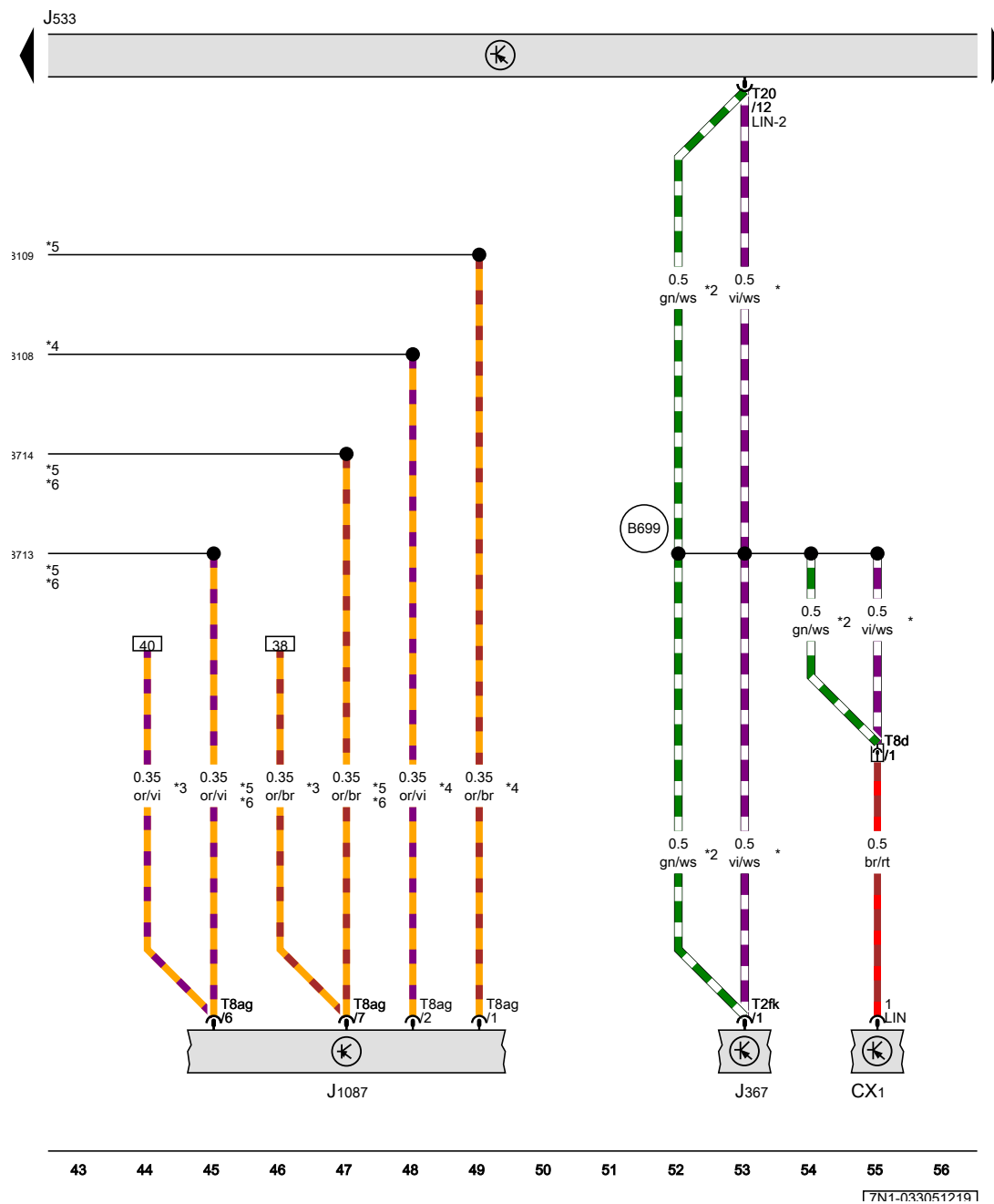
B668 Connection 2 (CAN bus extended high), in main wiring harness

B669 Connection 2 (CAN bus extended low), in main wiring harness

B713 Connection 1 (CAN bus diagnosis, high), in main wiring harness

B714 Connection 1 (CAN bus diagnosis, low), in main wiring harness

* From July 2019
*2 From November 2016
*3 Up to July 2019
*4 Up to November 2016
*5 Up to May 2016
*6 From May 2016



Alternator with voltage regulator, Battery monitor control unit, Data bus diagnostic interface, Blind Spot Monitor control unit 2

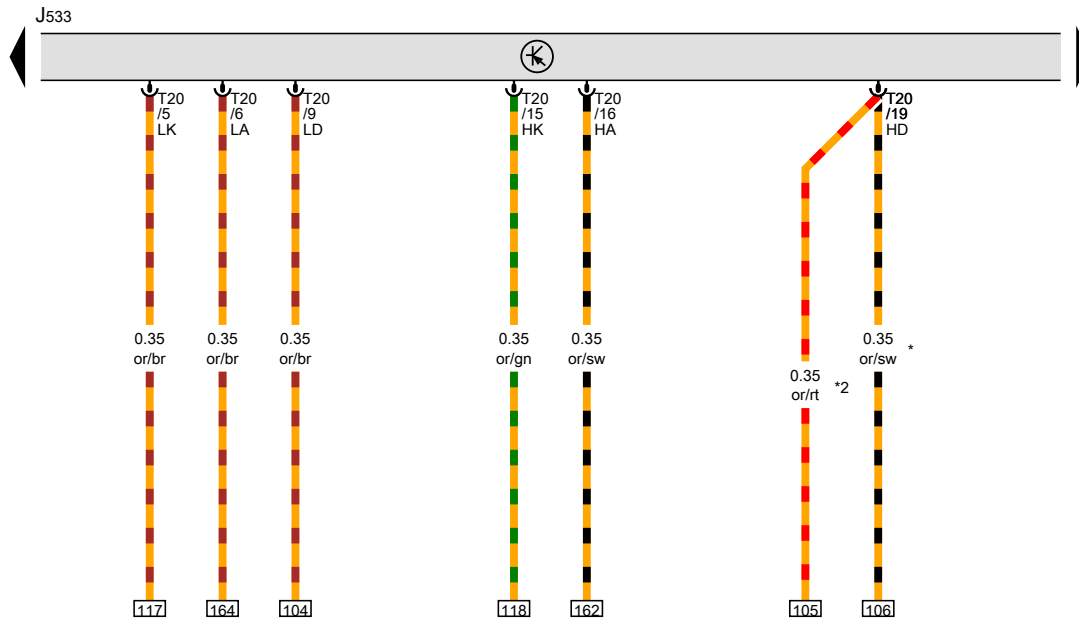
- CX1 Alternator with voltage regulator
- J367 Battery monitor control unit
- J533 Data bus diagnostic interface
- J1087 Blind Spot Monitor control unit 2
- T2fk 2-pin connector, yellow
- T8ag 8-pin connector, black
- T8d 8-pin connector, black
- T20 20-pin connector, red

- B108 Connection 1 (CAN bus extended high), in main wiring harness
- B109 Connection 1 (CAN bus extended low), in main wiring harness
- B699 Connection 4 (LIN bus) in main wiring harness
- B713 Connection 1 (CAN bus diagnosis, high), in main wiring harness
- B714 Connection 1 (CAN bus diagnosis, low), in main wiring harness

- * Up to October 2011
- *2 From November 2011
- *3 Up to November 2016
- *4 From July 2019
- *5 From November 2016
- *6 Up to July 2019

Data bus diagnostic interface

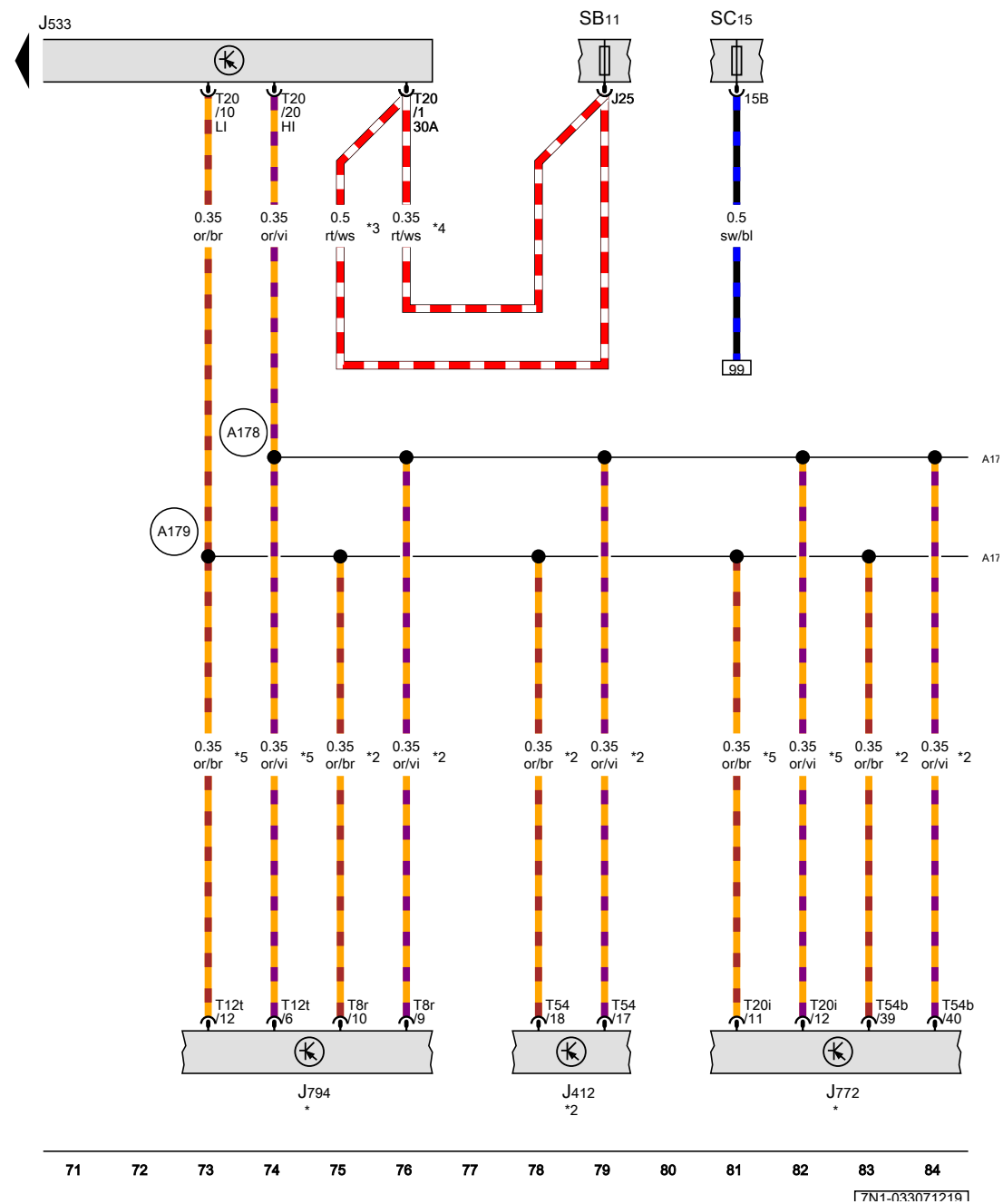
J533 Data bus diagnostic interface
 T20 20-pin connector, red
 * Up to May 2015
 *2 From May 2015



ws = white
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 rs = pink

57 58 59 60 61 62 63 64 65 66 67 68 69 70

[7N1-033061219]



Mobile telephone operating electronics control unit, Data bus diagnostic interface, Reversing camera system control unit, Control unit 1 for information electronics

- J412 Mobile telephone operating electronics control unit
- J533 Data bus diagnostic interface
- J772 Reversing camera system control unit
- J794 Control unit 1 for information electronics
- SB11 Fuse 11 on fuse holder B
- SC15 Fuse 15 on fuse holder C
- T8r 8-pin connector, black
- T12t 12-pin connector, grey
- T20 20-pin connector, red
- T20i 20-pin connector, black
- T54 54-pin connector, black
- T54b 54-pin connector, black

A178 Connection (infotainment CAN bus, high), in dash panel wiring harness

A179 Connection (infotainment CAN bus, low), in dash panel wiring harness

* see applicable current flow diagram

*2 Up to May 2015


*3 Up to May 2016


*4 From May 2016

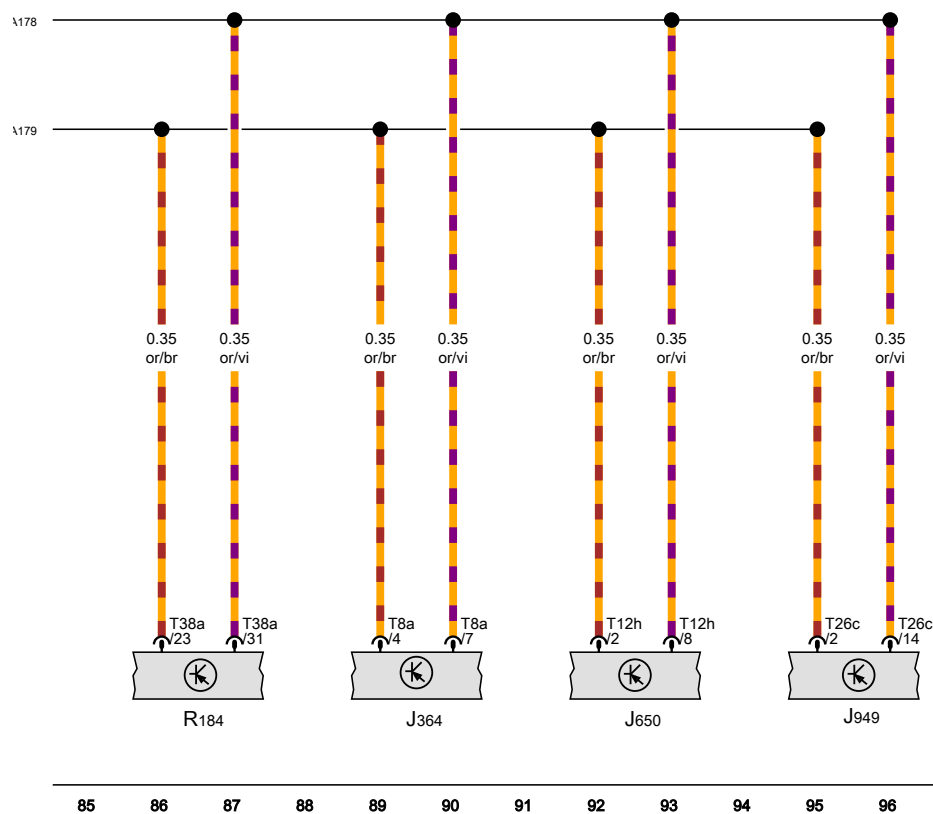
*5 From May 2015

Auxiliary heater control unit, Multimedia system control unit,
Emergency call module control unit and communication
unit, Digital sound package amplifier

- J364 Auxiliary heater control unit
- J650 Multimedia system control unit
- J949 Emergency call module control unit and communication unit
- R184 Digital sound package amplifier
- T8a 8-pin connector
- T12h 12-pin connector, black
- T26c 26-pin connector, black
- T38a 38-pin connector, black

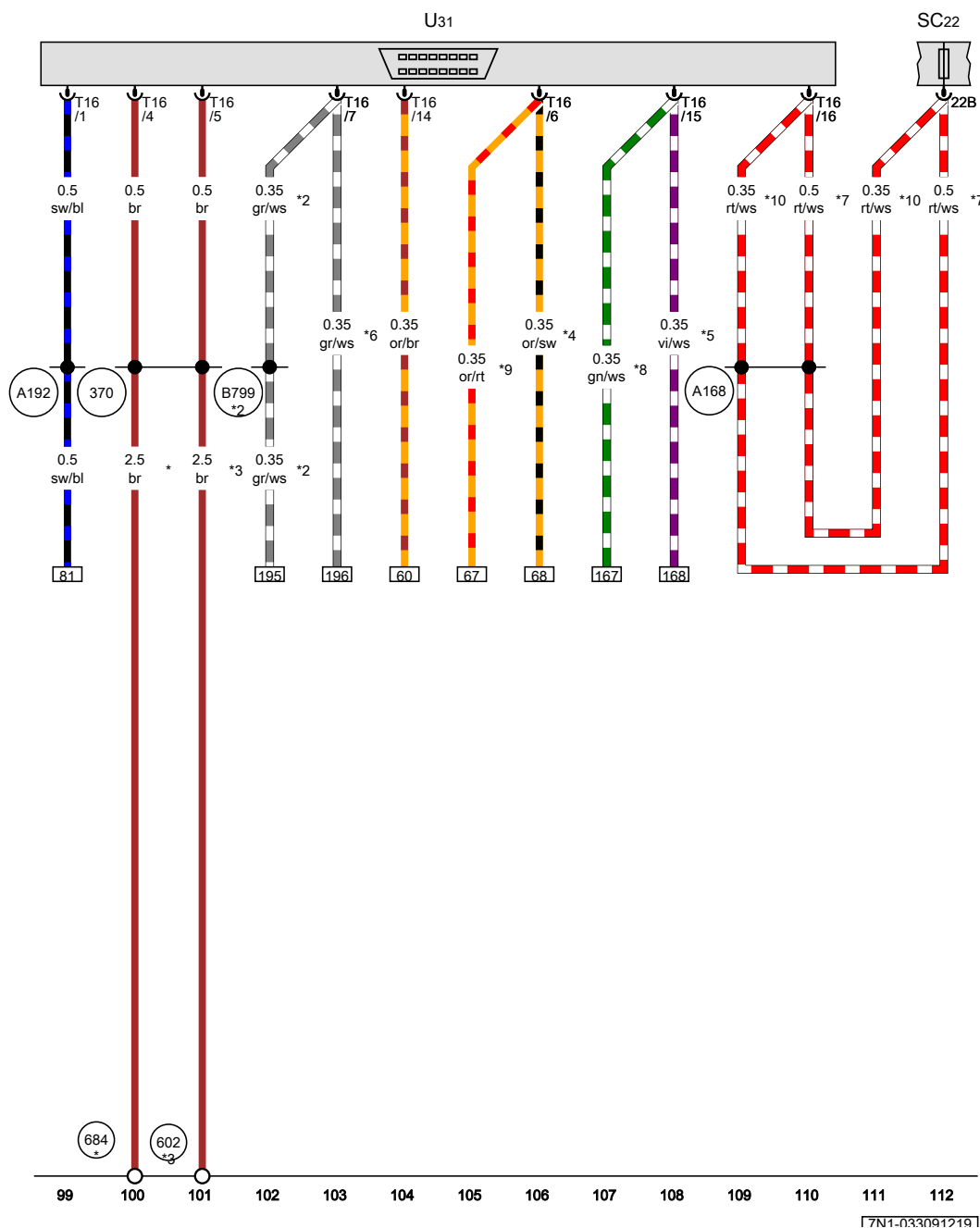
 Connection (infotainment CAN bus, high), in dash panel wiring harness

 Connection (infotainment CAN bus, low), in dash panel wiring harness



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- or = orange
- rs = pink

17N1-0330812191



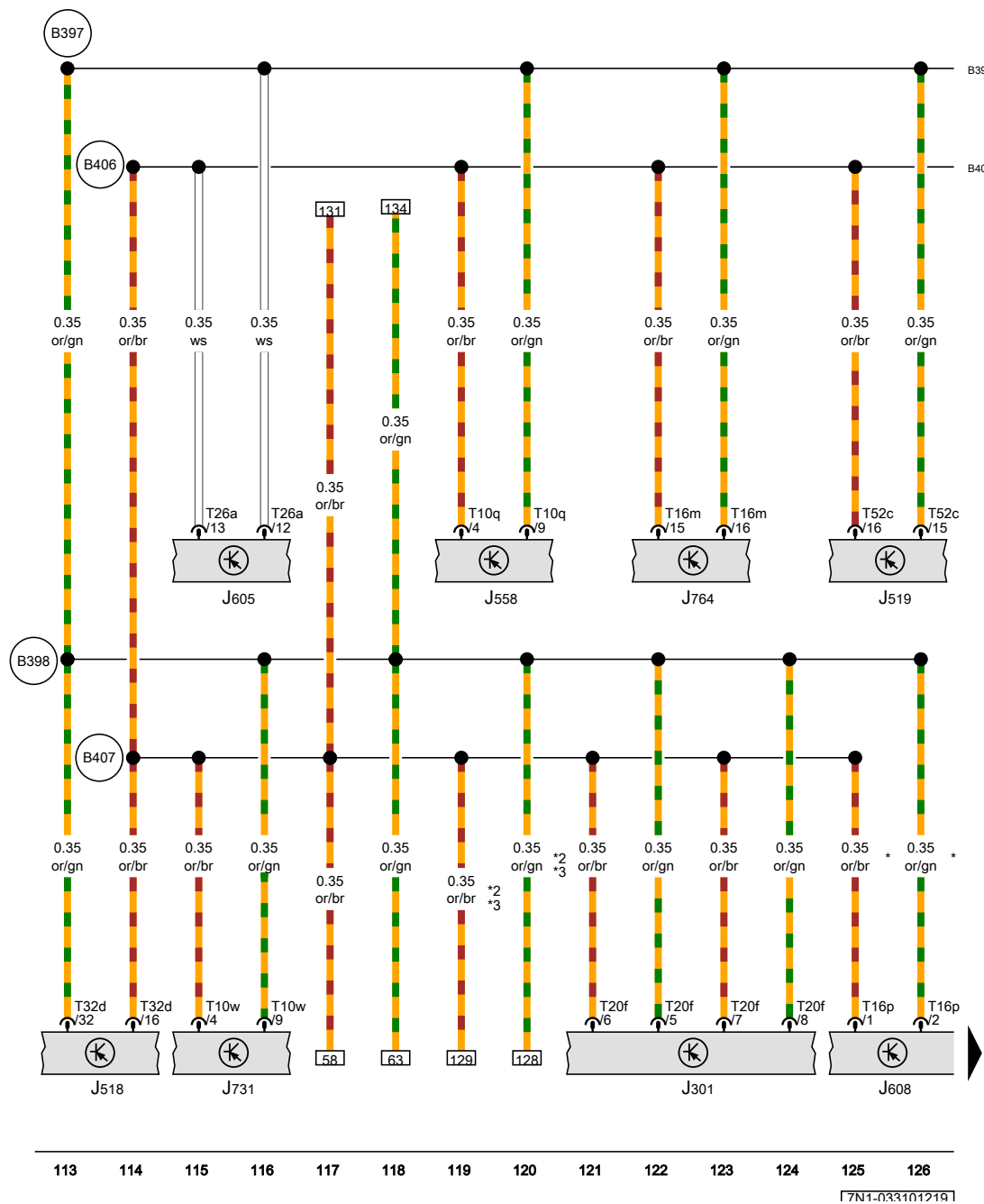
Diagnostic connection

SC22 Fuse 22 on fuse holder C
T16 16-pin connector, black
U31 Diagnostic connection

- 370 Earth connection 5, in main wiring harness
- 602 Earth point, in front left footwell
- 684 Earth point on front of left side member
- A168 Positive connection 4 (30a) in dash panel wiring harness
- A192 Positive connection 3 (15a) in dash panel wiring harness
- B799 Connection 4 (diagnosis), in main wiring harness

- * Up to November 2018
- *2 From November 2016
- *3 From November 2018
- *4 Up to May 2015
- *5 Up to October 2011
- *6 Up to November 2016
- *7 Up to May 2016
- *8 From November 2011
- *9 From May 2015
- *10 From May 2016

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or = orange
rs = pink



Air conditioning system control unit, Entry and start authorisation control unit, Onboard supply control unit, Left sliding door control unit, Rear lid control unit, Special vehicle control unit, Right sliding door control unit, Control unit for electronic steering column lock

- J301 Air conditioning system control unit
- J518 Entry and start authorisation control unit
- J519 Onboard supply control unit
- J558 Left sliding door control unit
- J605 Rear lid control unit
- J608 Special vehicle control unit
- J731 Right sliding door control unit
- J764 Control unit for electronic steering column lock
- T10q 10-pin connector, black
- T10w 10-pin connector, black
- T16m 16-pin connector, black
- T16p 16-pin connector, black
- T20f 20-pin connector, black
- T26a 26-pin connector
- T32d 32-pin connector, blue
- T52c 52-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

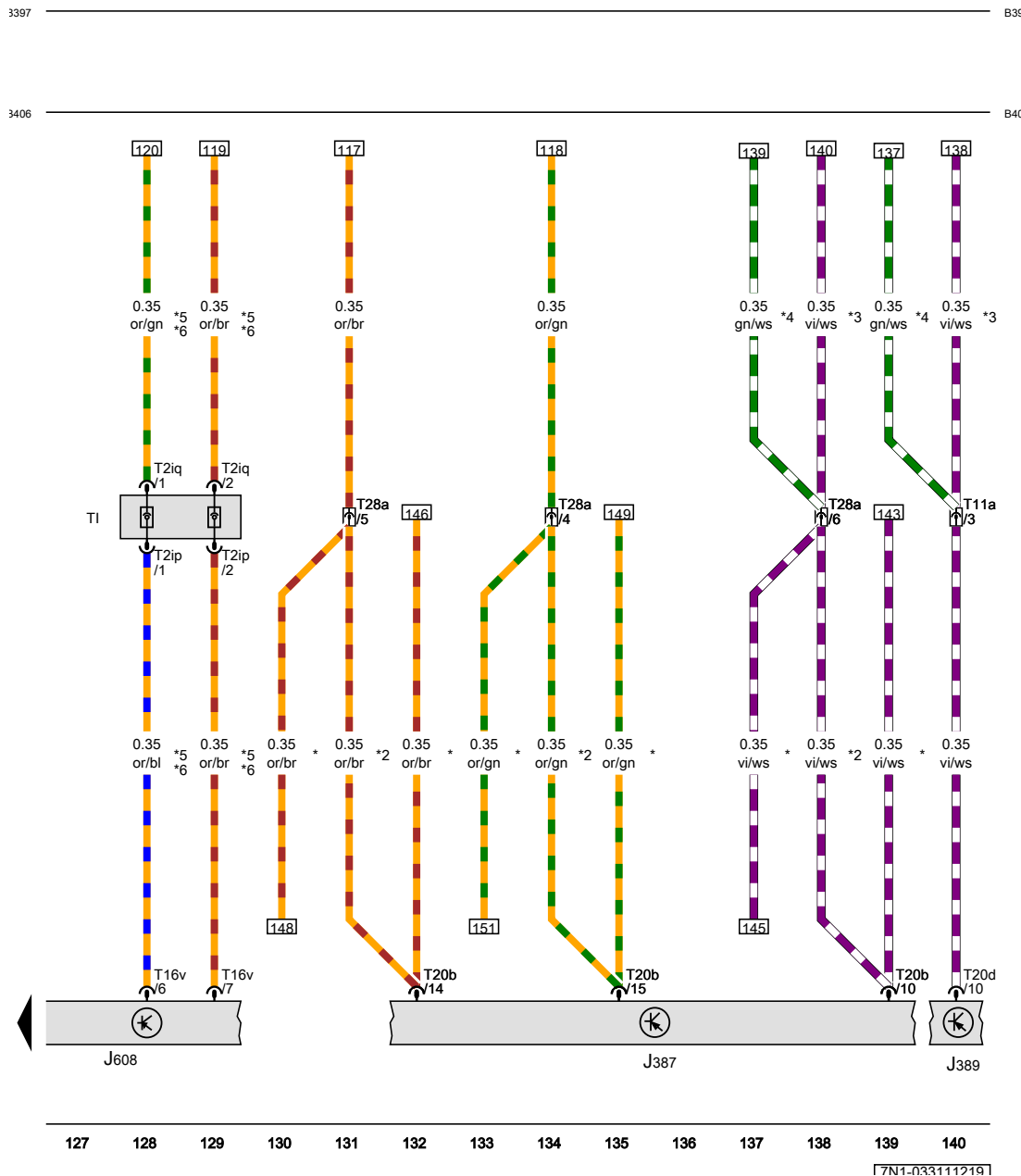
* Up to May 2015

*2 For models with taxi 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
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rs = pink

Front passenger door control unit, Rear right door control unit, Special vehicle control unit, Coupling point in interior



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 ro = red
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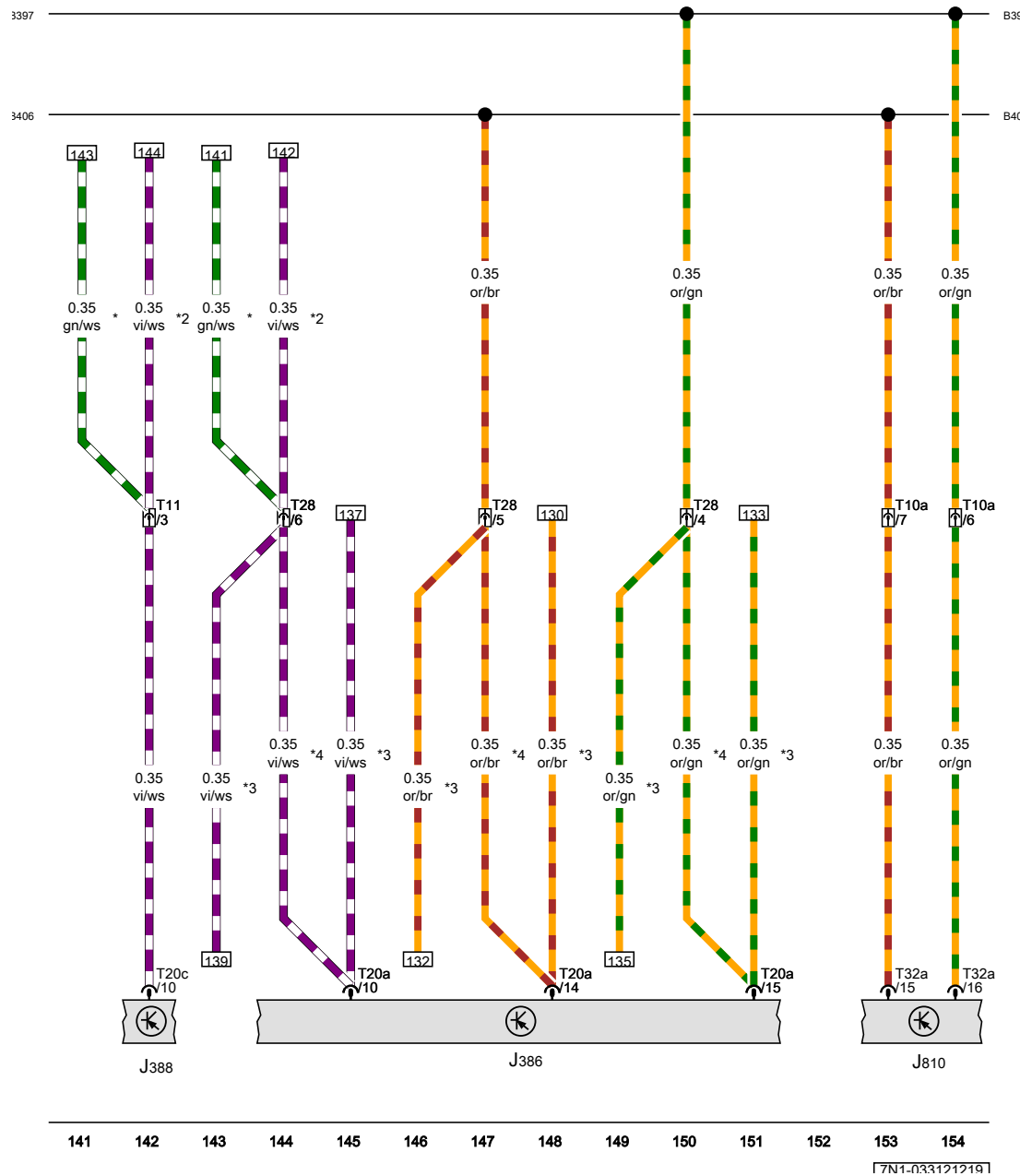
- J387 Front passenger door control unit, in front passenger door
- J389 Rear right door control unit, in right sliding door
- J608 Special vehicle control unit
- T2ip 2-pin connector, black
- T2iq 2-pin connector, black
- T11a 11-pin connector
- T16v 16-pin connector, brown
- T20b 20-pin connector, black
- T20d 20-pin connector, black
- T28a 28-pin connector, on lower section of right A-pillar
- TI Coupling point in interior

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

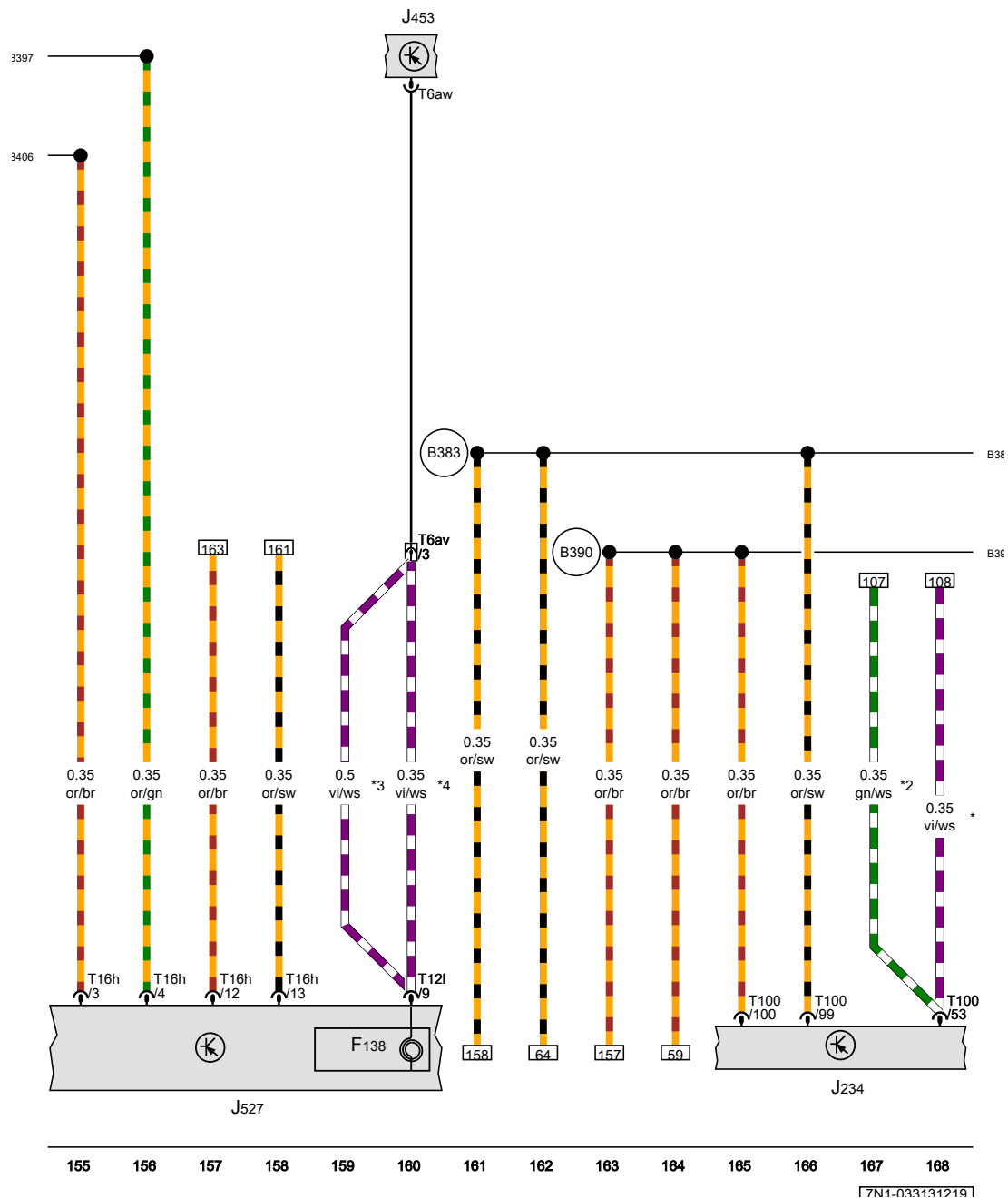
B406 Connection 1 (convenience CAN bus, low), in main wiring harness

- * For right-hand drive models
- *2 For left-hand drive models
- *3 Up to October 2011
- *4 From November 2011
- *5 For models with taxi equipment
- *6 From May 2015

Driver door control unit, Rear left door control unit, Driver seat adjustment control unit



- J386 Driver door control unit, in driver door
- J388 Rear left door control unit, in left sliding door
- J810 Driver seat adjustment control unit
- T10a 10-pin connector
- T11 11-pin connector
- T20a 20-pin connector, black
- T20c 20-pin connector, black
- T28 28-pin connector
- T32a 32-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
- * From November 2011
- *2 Up to October 2011
- *3 For right-hand drive models
- *4 For left-hand drive models



Airbag coil connector and return ring with slip ring, Airbag control unit, Multifunction steering wheel control unit, Steering column electronics control unit

- F138 Airbag coil connector and return ring with slip ring
- J234 Airbag control unit
- J453 Multifunction steering wheel control unit
- J527 Steering column electronics control unit
- T6av 6-pin connector
- T6aw 6-pin connector, black
- T12l 12-pin connector
- T16h 16-pin connector, black
- T100 100-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
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness

- * Up to October 2011
- *2 From November 2011
- *3 From May 2011
- *4 Up to April 2011

Selector lever, Electronically controlled damping control unit, All-wheel drive control unit, Power steering control unit, Park assist steering control unit, Automatic anti-dazzle interior mirror

- E313 Selector lever
- J250 Electronically controlled damping control unit
- J492 All-wheel drive control unit
- J500 Power steering control unit
- J791 Park assist steering control unit
- T3a 3-pin connector, black
- T6g 6-pin connector
- T6h 6-pin connector
- T8e 8-pin connector, black
- T8u 8-pin connector, black
- T10l 10-pin connector, black
- T16a 16-pin connector, brown
- T26d 26-pin connector, black
- T47 47-pin connector, black
- Y7 Automatic anti-dazzle interior mirror

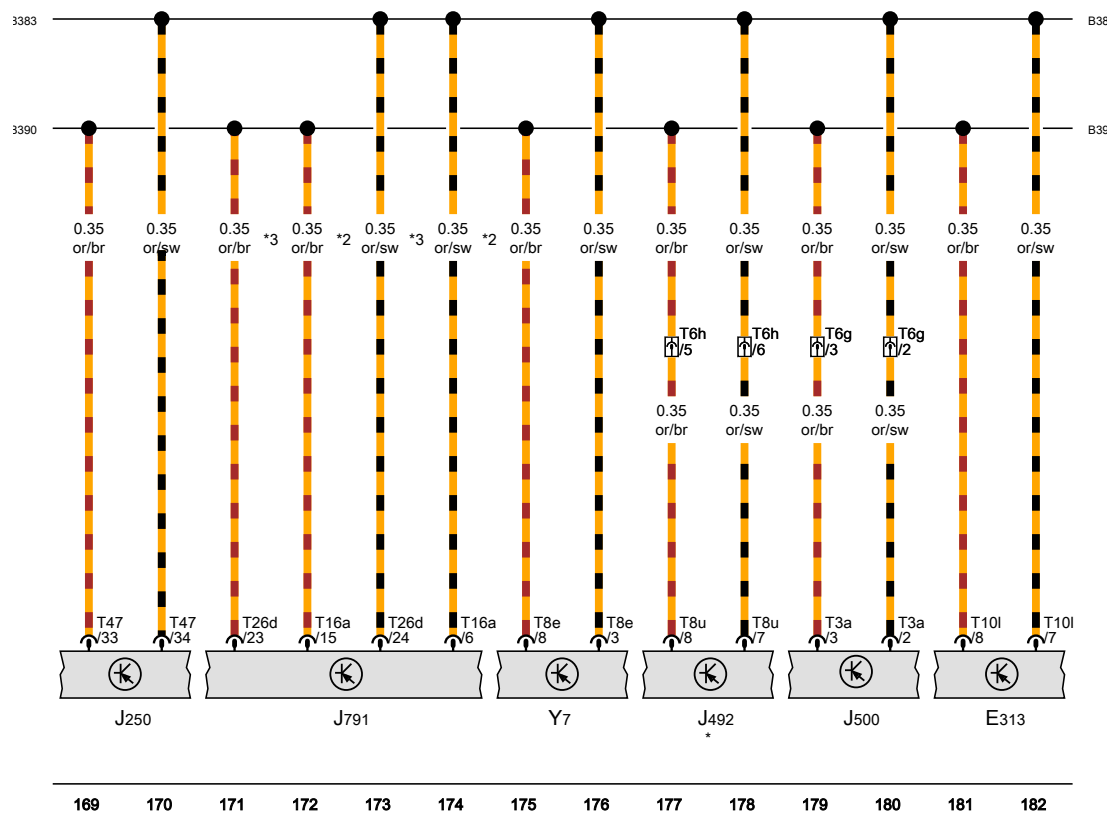
 B383 Connection 1 (powertrain CAN bus, high), in main wiring harness

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

* see applicable current flow diagram

*2 Up to May 2015

*3 From May 2015



- ws = white
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- rs = pink

17N1-0331412191

ABS control unit, Engine/motor control unit, Mechatronic unit for dual clutch gearbox

- J104 ABS control unit
- J623 Engine/motor control unit
- J743 Mechatronic unit for dual clutch gearbox
- T20e 20-pin connector, black
- T38 38-pin connector, brown
- T46a 46-pin connector, black

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

B384 Connection 2 (powertrain CAN bus, high), in main wiring harness

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

B391 Connection 2 (powertrain CAN bus, low), in main wiring harness

* see applicable current flow diagram for engine

*2 From May 2011

*3 Up to November 2016

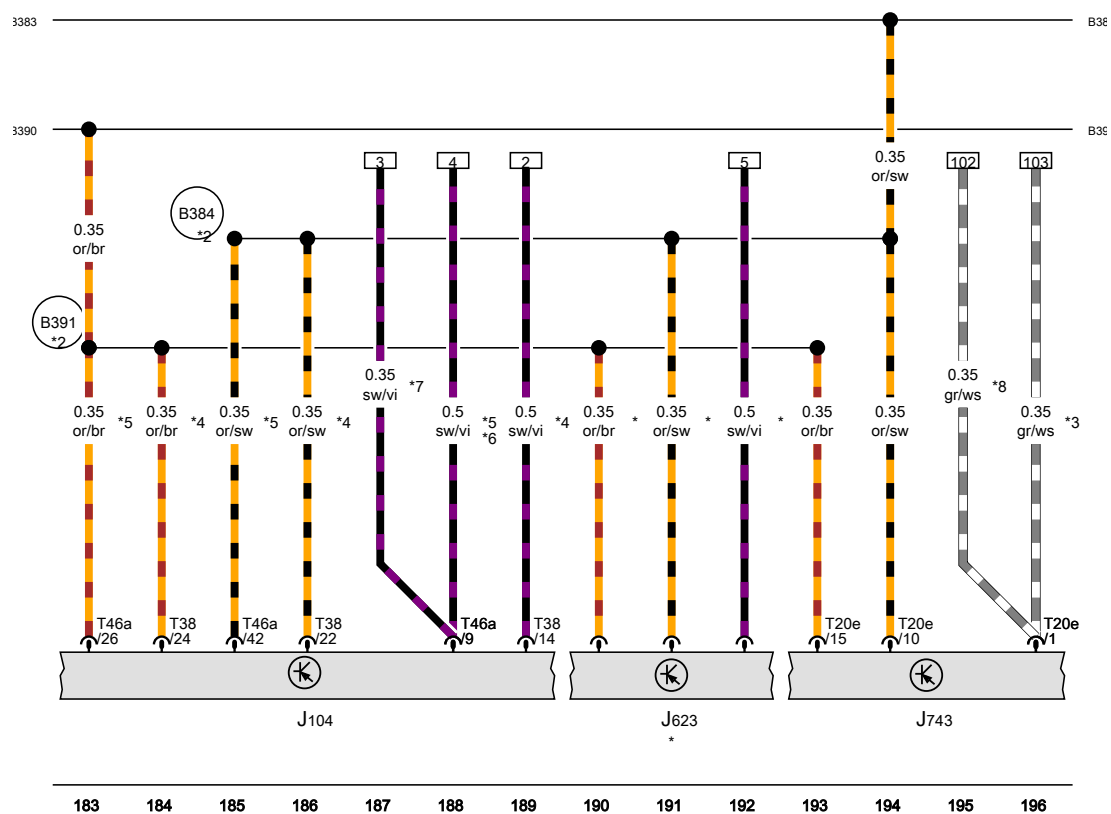
*4 Up to May 2015

*5 From May 2015

*6 Up to May 2016

*7 From May 2016

*8 From November 2016



- ws = white
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[7N1-033151219]

Left gas discharge bulb control unit, Right gas discharge bulb control unit, Control unit for cornering light and headlight range control

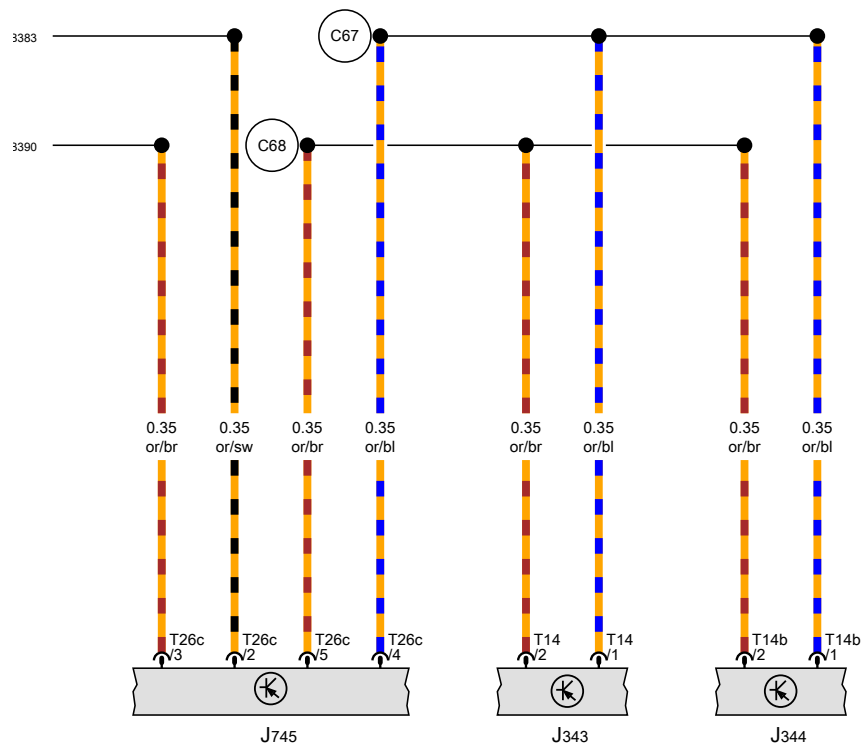
J343 Left gas discharge bulb control unit
J344 Right gas discharge bulb control unit
J745 Control unit for cornering light and headlight range control
T14 14-pin connector, black
T14b 14-pin connector, black
T26c 26-pin connector, black

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

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

C67 Connection (CAN bus, high), in headlight wiring harness

C68 Connection (CAN bus, low), in headlight wiring harness



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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

17N1-033161219

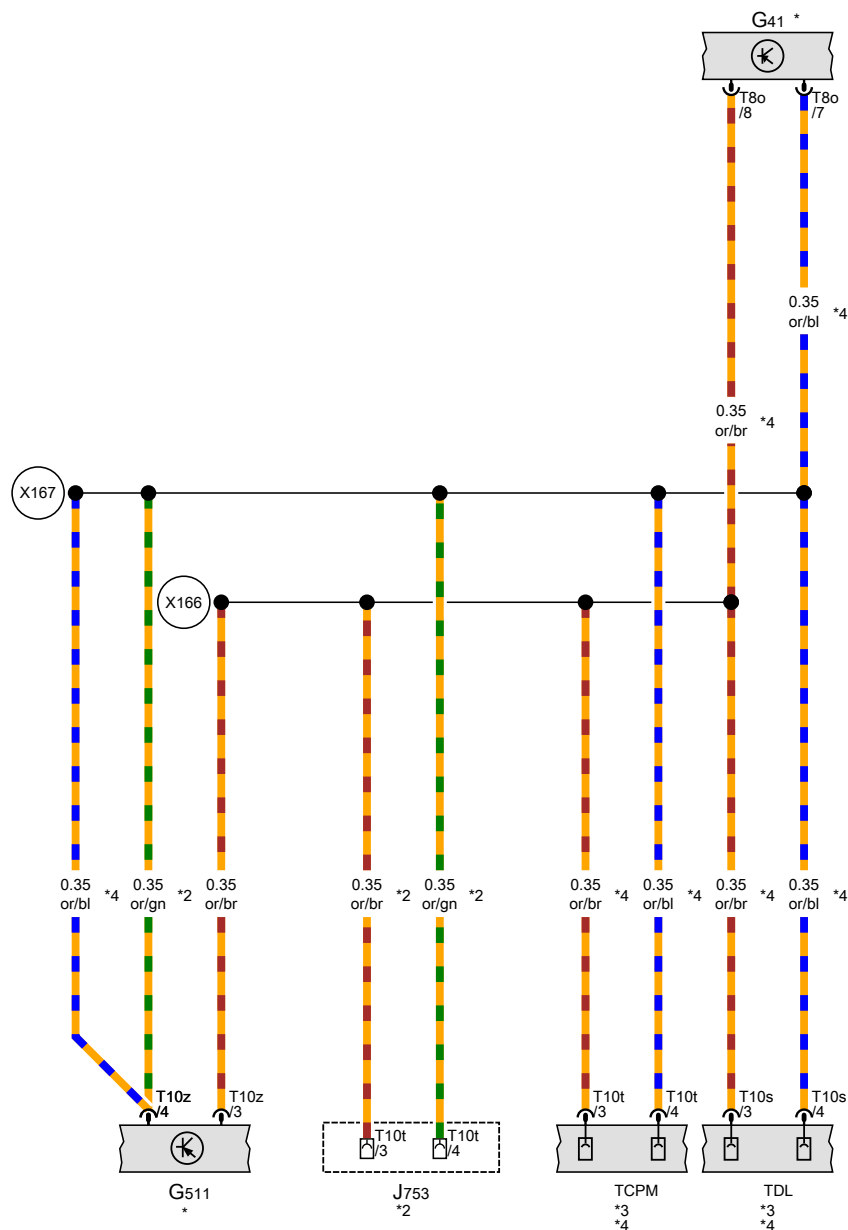
Taximeter, Mirror taximeter, Data transmission control unit,
Coupling point on dash panel, centre, Coupling point on left
D-pillar

G41 Taximeter, in centre console
G511 Mirror taximeter
J753 Data transmission control unit
T8o 8-pin connector, black
T10s 10-pin connector, black
T10t 10-pin connector, black
T10z 10-pin connector
TCPM Coupling point on dash panel, centre
TDL Coupling point on left D-pillar

X166 Connection (low bus), in taxi wiring harness

X167 Connection (high bus), in taxi wiring harness

* Optional installation
*2 Up to May 2015
*3 Data transmission
*4 From May 2015



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Auxiliary air heater (PTC)

From May 2010

Low heat output relay, High heat output relay, Auxiliary air heater element

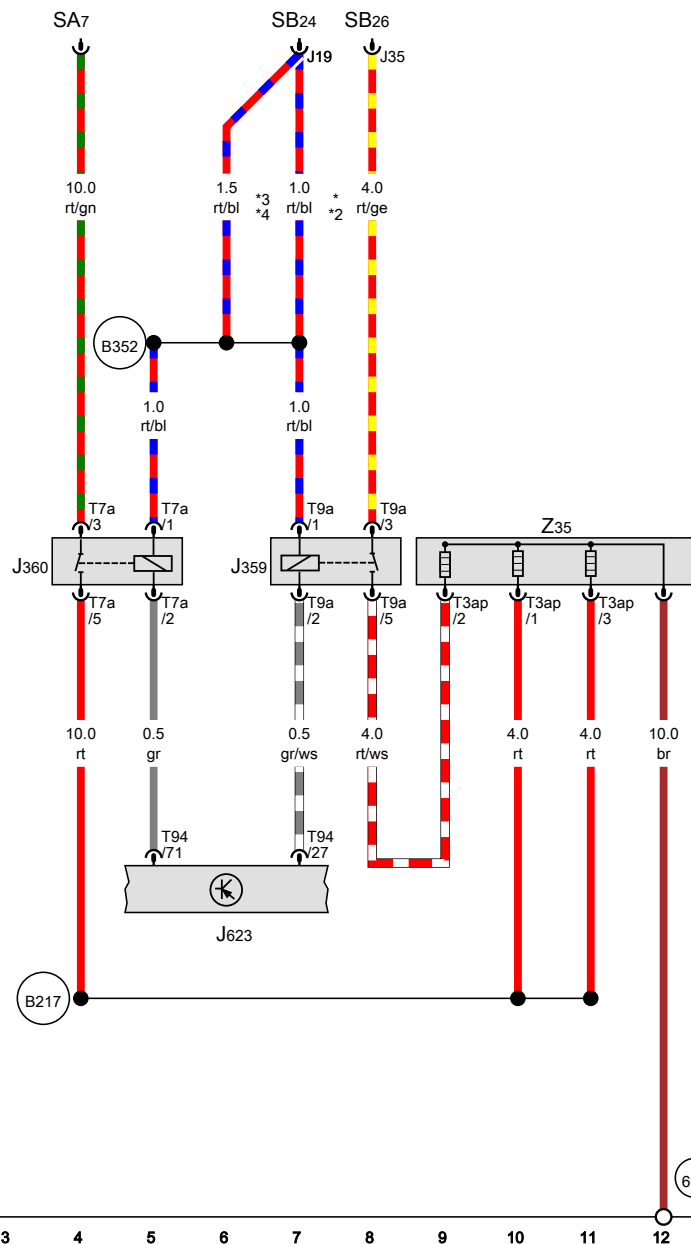
- J359 Low heat output relay
- J360 High heat output relay
- J623 Engine/motor control unit
- SA7 Fuse 7 on fuse holder A
- SB24 Fuse 24 on fuse holder B
- SB26 Fuse 26 on fuse holder B
- T3ap 3-pin connector
- T7a 7-pin connector
- T9a 9-pin connector
- T94 94-pin connector
- Z35 Auxiliary air heater element

602 Earth point, in front left footwell

B217 Connection (auxiliary heater), in interior wiring harness

B352 Positive connection 3 (87a) in main wiring harness

- * Up to November 2015
- *2 From May 2016
- *3 From November 2015
- *4 Up to May 2016



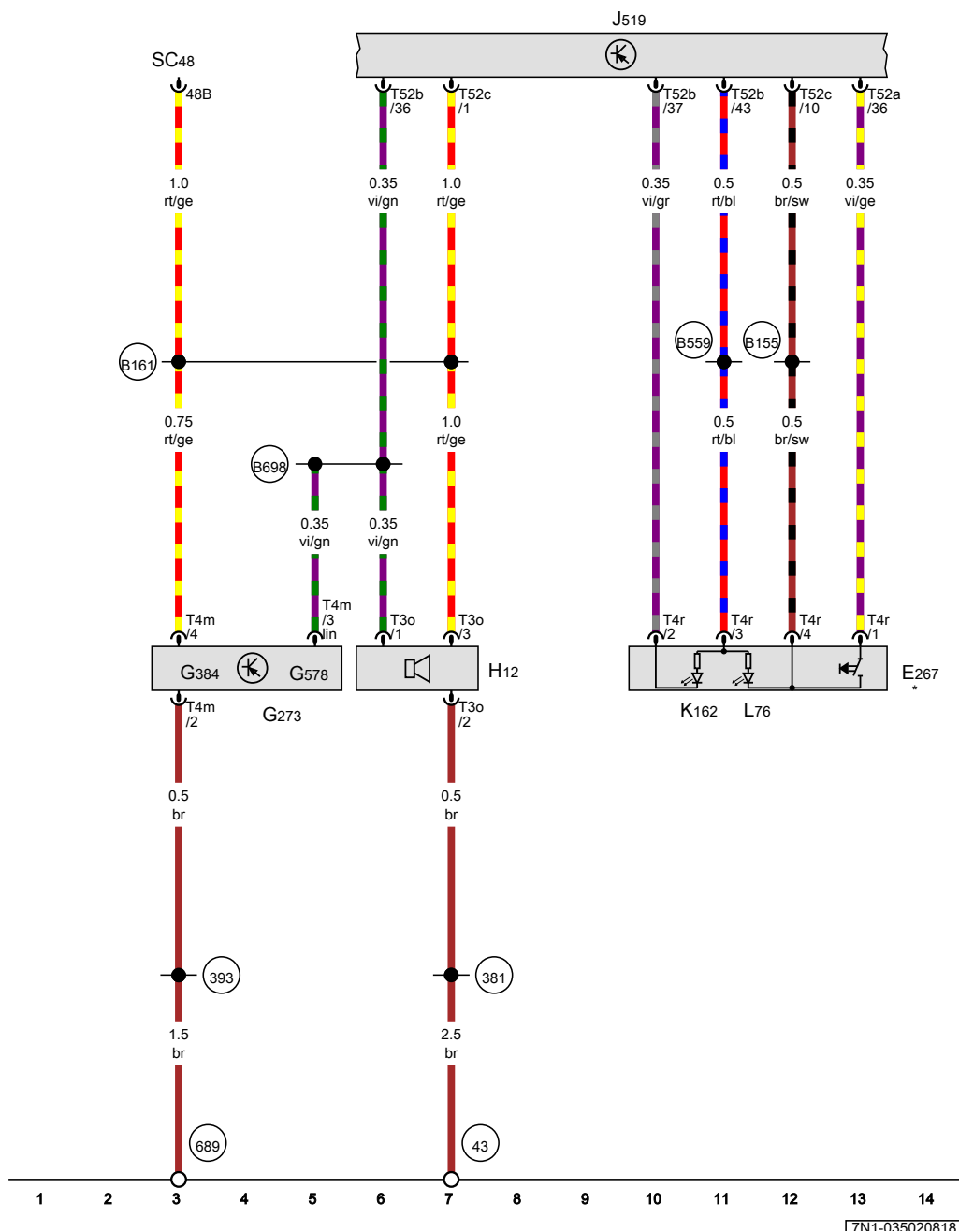
- ws = white
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- vi = purple
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- rs = pink

17N1-034020R181

Anti-theft alarm system

From May 2010

Interior monitoring deactivation switch, Interior monitoring sensor, Vehicle inclination sender, Anti-theft alarm sensor



- E267 Interior monitoring deactivation switch
- G273 Interior monitoring sensor
- G384 Vehicle inclination sender
- G578 Anti-theft alarm sensor
- H12 Alarm horn
- J519 Onboard supply control unit
- K162 Interior monitoring off warning lamp
- L76 Button illumination bulb
- SC48 Fuse 48 on fuse holder C
- T3o 3-pin connector
- T4m 4-pin connector
- T4r 4-pin connector
- T52a 52-pin connector
- T52b 52-pin connector
- T52c 52-pin connector

- 43 Earth point, lower part of right A-pillar
- 381 Earth connection 16, in main wiring harness
- 393 Earth connection 28, in main wiring harness
- 689 Earth point, at front, central in roof
- B155 Connection 2 (DCt), in interior wiring harness
- B161 Connection (ATA), in interior wiring harness
- B559 Positive connection 1 (30g), in main wiring harness
- B698 Connection 3 (LIN bus) in main wiring harness

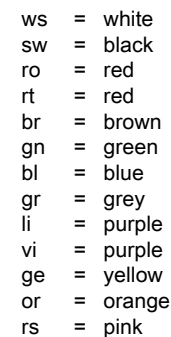
* For models with interior monitoring deactivation switch

All-wheel drive

From May 2010

G437	Oil pressure and oil temperature sender
J492	All-wheel drive control unit
J533	Data bus diagnostic interface
N373	Coupling opening control valve
SC11	Fuse 11 on fuse holder C
T2go	2-pin connector
T6h	6-pin connector
T8u	8-pin connector
T20	20-pin connector
V181	Haldex coupling pump

- 392 Earth connection 27, in main wiring harness
- 688 Earth point 2, 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



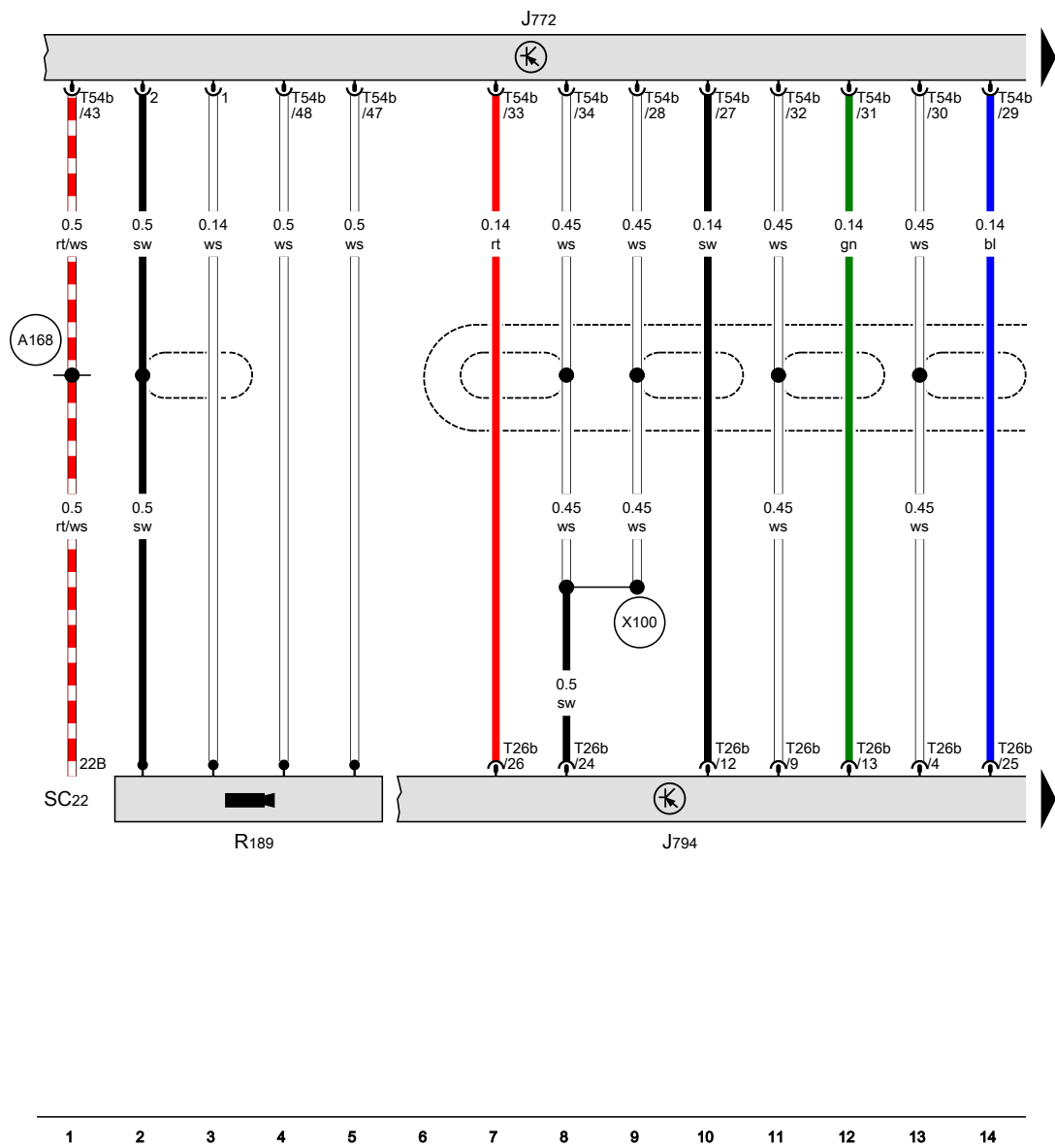
Reversing camera (Rear Assist)

From May 2010

Reversing camera system control unit, Control unit 1 for information electronics, Reversing camera

- J772 Reversing camera system control unit
- J794 Control unit 1 for information electronics
- R189 Reversing camera
- SC22 Fuse 22 on fuse holder C
- T26b 26-pin connector, black
- T54b 54-pin connector

- A168 Positive connection 4 (30a) in dash panel wiring harness
- X100 Connection (screening), in optional equipment wiring harness

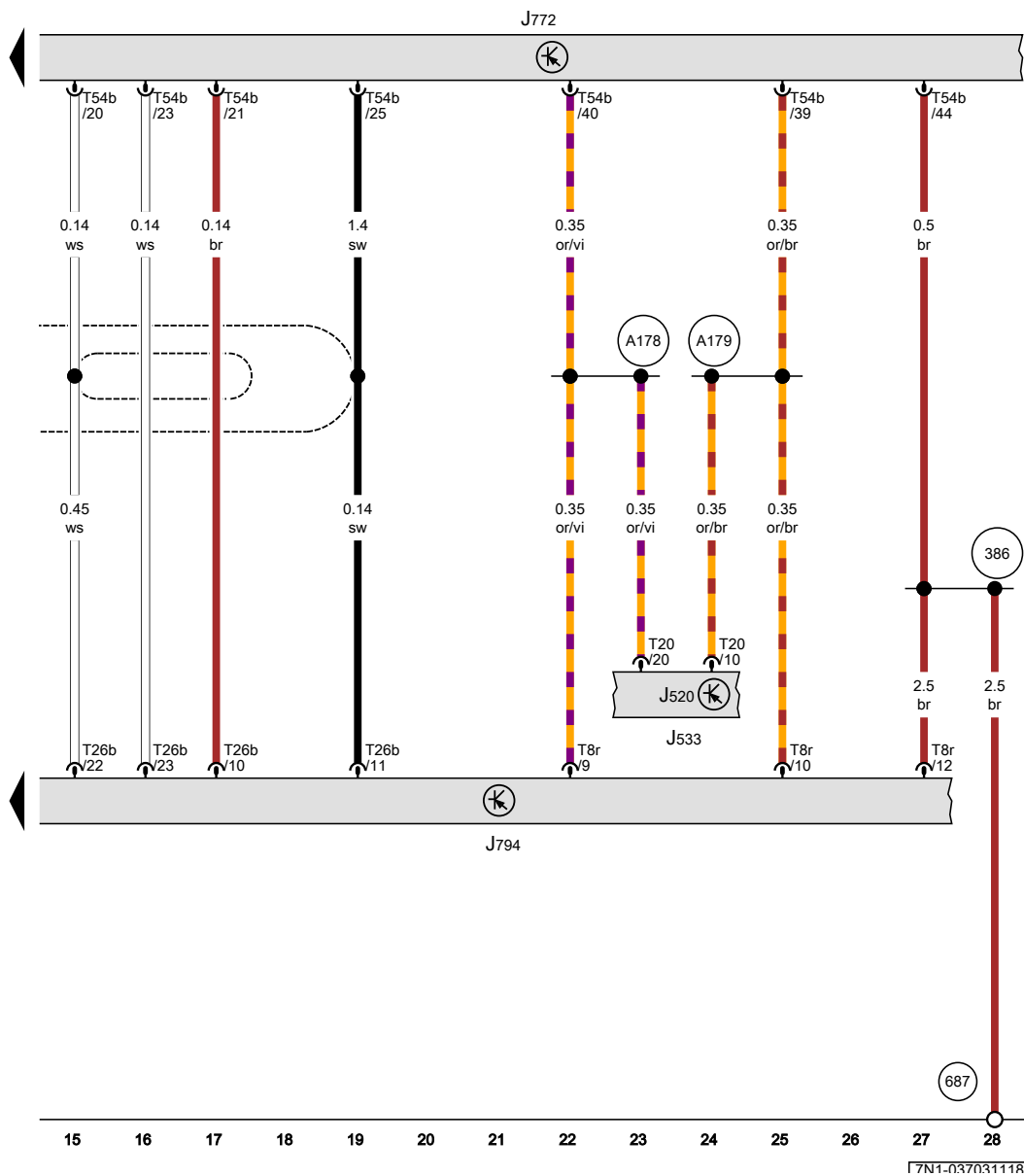


- ws = white
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Onboard supply control unit 2, Reversing camera system control unit, Control unit 1 for information electronics

- J520 Onboard supply control unit 2
- J533 Data bus diagnostic interface
- J772 Reversing camera system control unit
- J794 Control unit 1 for information electronics
- T8r 8-pin connector, black
- T20 20-pin connector
- T26b 26-pin connector, black
- T54b 54-pin connector

- 386 Earth connection 21, in main wiring harness
- 687 Earth point 1, on centre tunnel
- A178 Connection (infotainment CAN bus, high), in dash panel wiring harness
- A179 Connection (infotainment CAN bus, low), in dash panel wiring harness

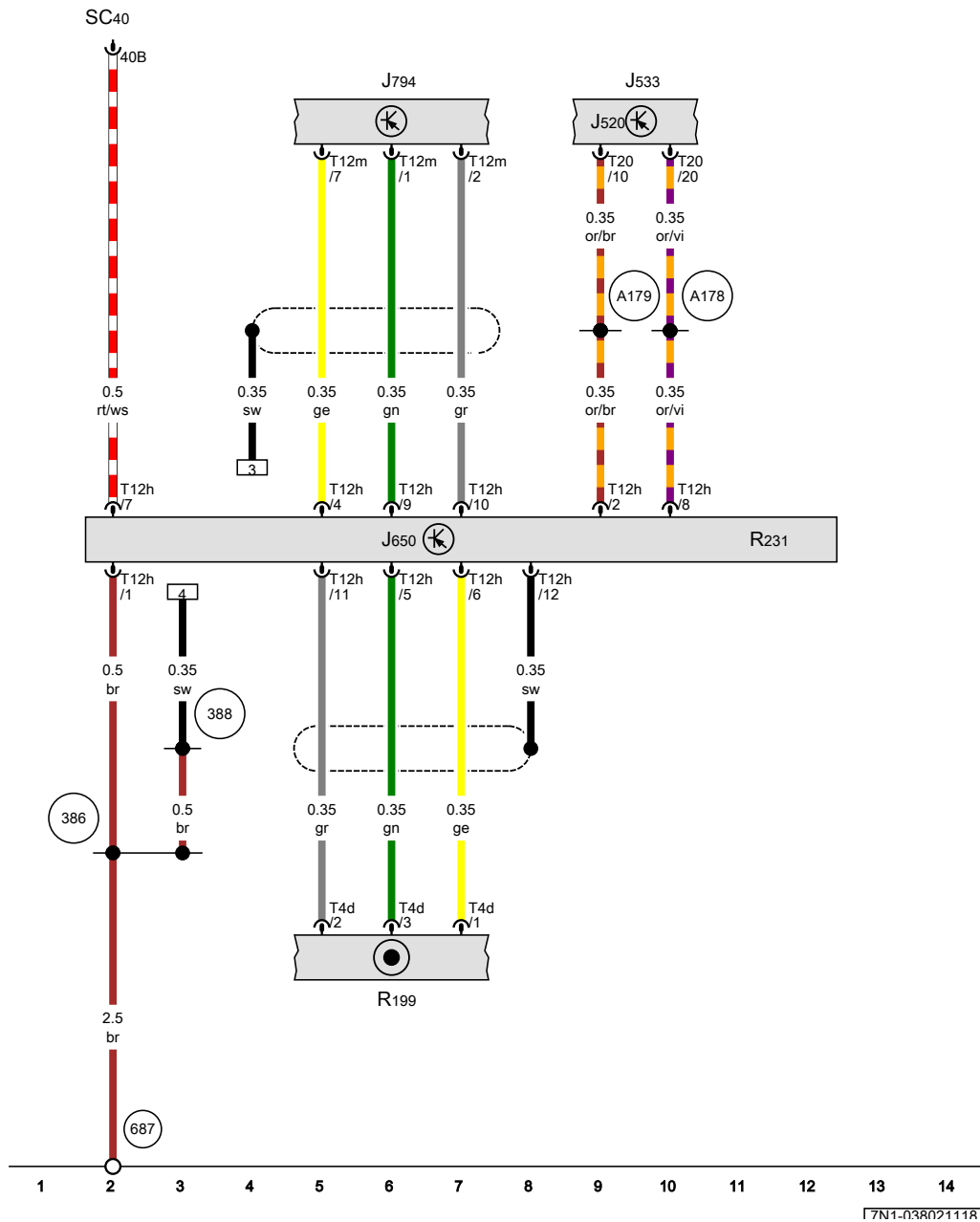


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Multimedia socket MEDIA-IN

From May 2010

Data bus diagnostic interface, Multimedia system control unit, Control unit 1 for information electronics, Connection for external audio sources, Connection 2 for external audio sources



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- J520 Onboard supply control unit 2
- J533 Data bus diagnostic interface
- J650 Multimedia system control unit
- J794 Control unit 1 for information electronics
- R199 Connection for external audio sources
- R231 Connection 2 for external audio sources
- SC40 Fuse 40 on fuse holder C
- T4d 4-pin connector
- T12h 12-pin connector
- T12m 12-pin connector, blue
- T20 20-pin connector
- 386 Earth connection 21, in main wiring harness
- 388 Earth connection 23, in main wiring harness
- 687 Earth point 1, on centre tunnel
- A178 Connection (infotainment CAN bus, high), in dash panel wiring harness
- A179 Connection (infotainment CAN bus, low), in dash panel wiring harness

Heated windscreen

From May 2010

Heated windscreen relay, Heated windscreen

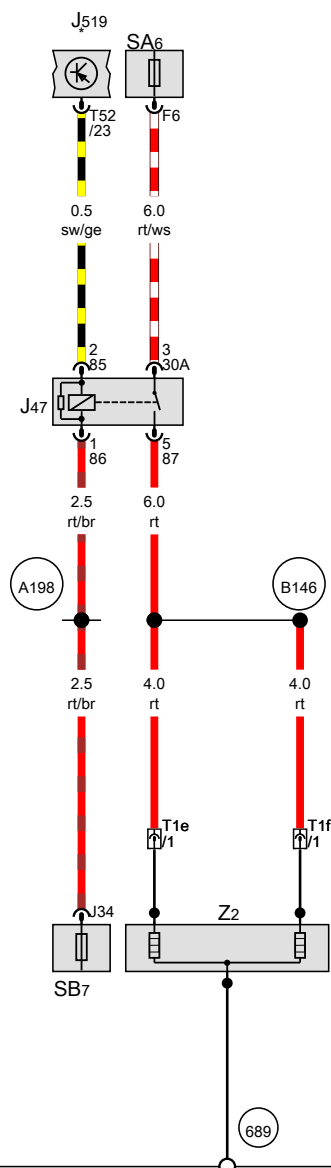
J47 Heated windscreen relay
J519 Onboard supply control unit
SA6 Fuse 6 on fuse holder A
SB7 Fuse 7 on fuse holder B
T1e 1-pin connector
T1f 1-pin connector
T52 52-pin connector
Z2 Heated windscreen

689 Earth point, at front, central in roof

A198 Positive connection 6 (30a) in dash panel wiring harness

B146 Positive connection 1 (87), in interior wiring harness

* Activation via menu in infotainment system



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

[7N1-039020818]

Radiator fan

From May 2010

Radiator fan control unit, Radiator fan, Radiator fan 2

J293 Radiator fan control unit
J623 Engine/motor control unit
SA3 Fuse 3 on fuse holder A
SB24 Fuse 24 on fuse holder B
T4bj 4-pin connector
T4f 4-pin connector
T5u 5-pin connector
T5v 5-pin connector
T5w 5-pin connector
T94d 94-pin connector
V7 Radiator fan
V177 Radiator fan 2

640 Earth point 2, left in engine compartment

B352 Positive connection 3 (87a) in main wiring harness

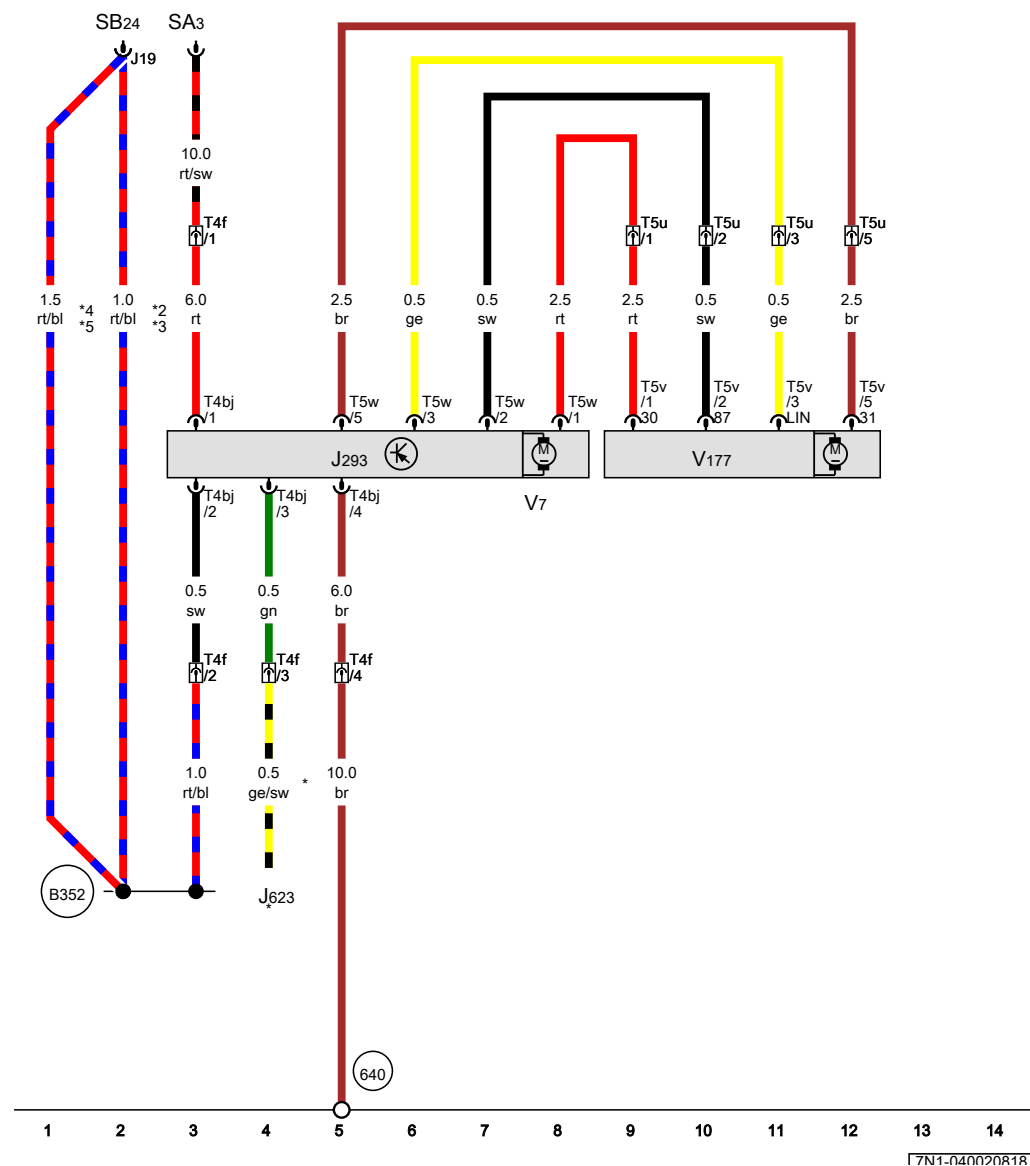
* see applicable current flow diagram for engine

*2 Up to November 2015

*3 From May 2016

*4 From November 2015

*5 Up to May 2016



Electrically adjustable lumbar support

From May 2010

Driver seat backrest adjustment switch, Driver seat adjustment thermal fuse 1, Driver seat backrest adjustment motor, Driver seat lumbar support longitudinal adjustment motor, Driver seat lumbar support height adjustment motor

- E96 Driver seat backrest adjustment switch
- S44 Driver seat adjustment thermal fuse 1
- T2dx 2-pin connector
- T2dy 2-pin connector
- T2dz 2-pin connector
- T6e 6-pin connector
- T8aa 8-pin connector
- T10a 10-pin connector
- V45 Driver seat backrest adjustment motor
- V125 Driver seat lumbar support longitudinal adjustment motor
- V129 Driver seat lumbar support height adjustment motor

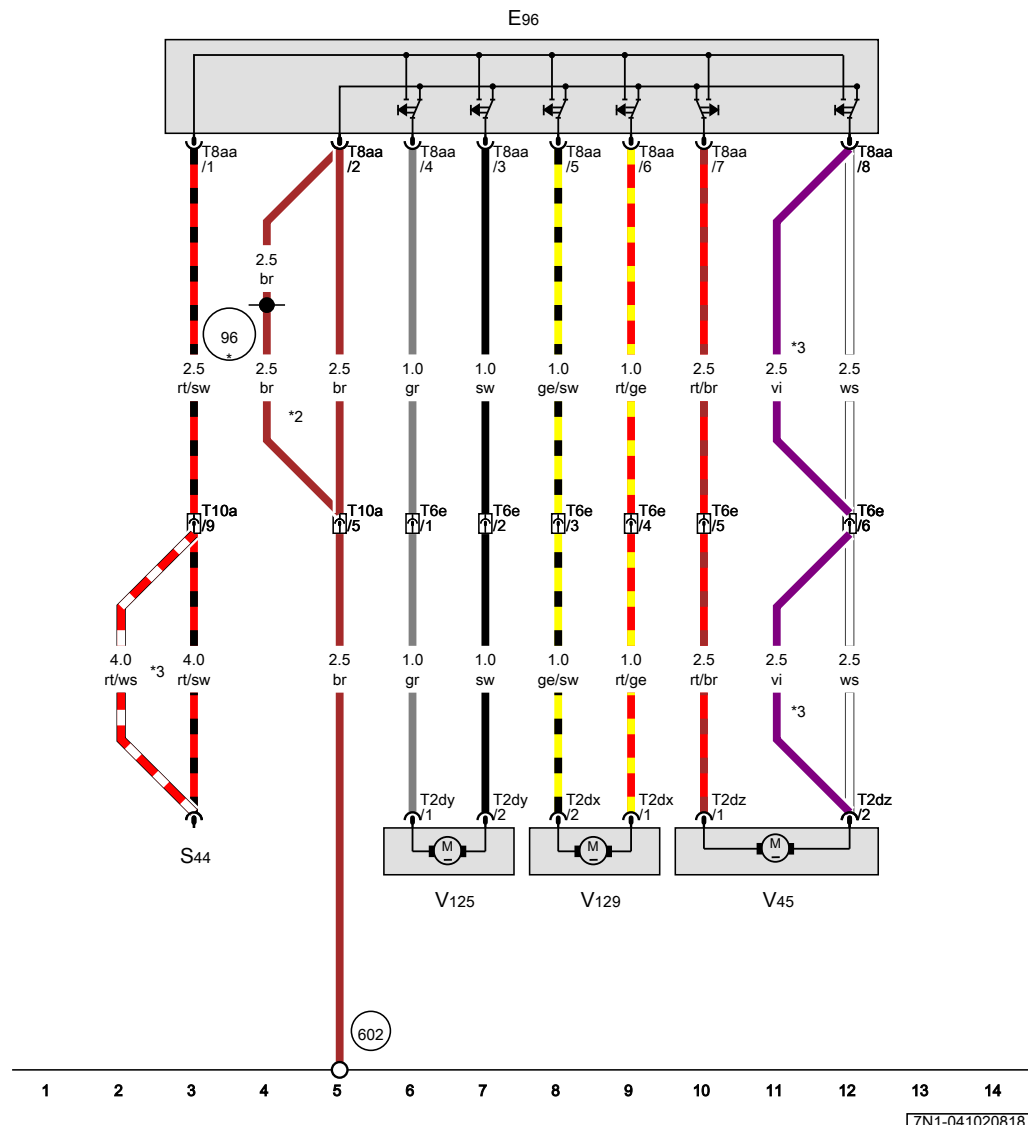
96 Earth connection 1, in seat heating wiring harness

602 Earth point, in front left footwell

* According to equipment

*2 Cross section depends on equipment

*3 From May 2011



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Front passenger seat backrest adjustment switch, Front passenger seat adjustment thermal fuse 1, Front passenger seat backrest adjustment motor, Front passenger seat lumbar support longitudinal adjustment motor, Front passenger seat lumbar support height adjustment motor

- E98 Front passenger seat backrest adjustment switch
- S46 Front passenger seat adjustment thermal fuse 1
- T2gd 2-pin connector
- T2ge 2-pin connector
- T2gf 2-pin connector
- T6f 6-pin connector
- T8ab 8-pin connector
- T10b 10-pin connector
- V46 Front passenger seat backrest adjustment motor
- V126 Front passenger seat lumbar support longitudinal adjustment motor
- V130 Front passenger seat lumbar support height adjustment motor

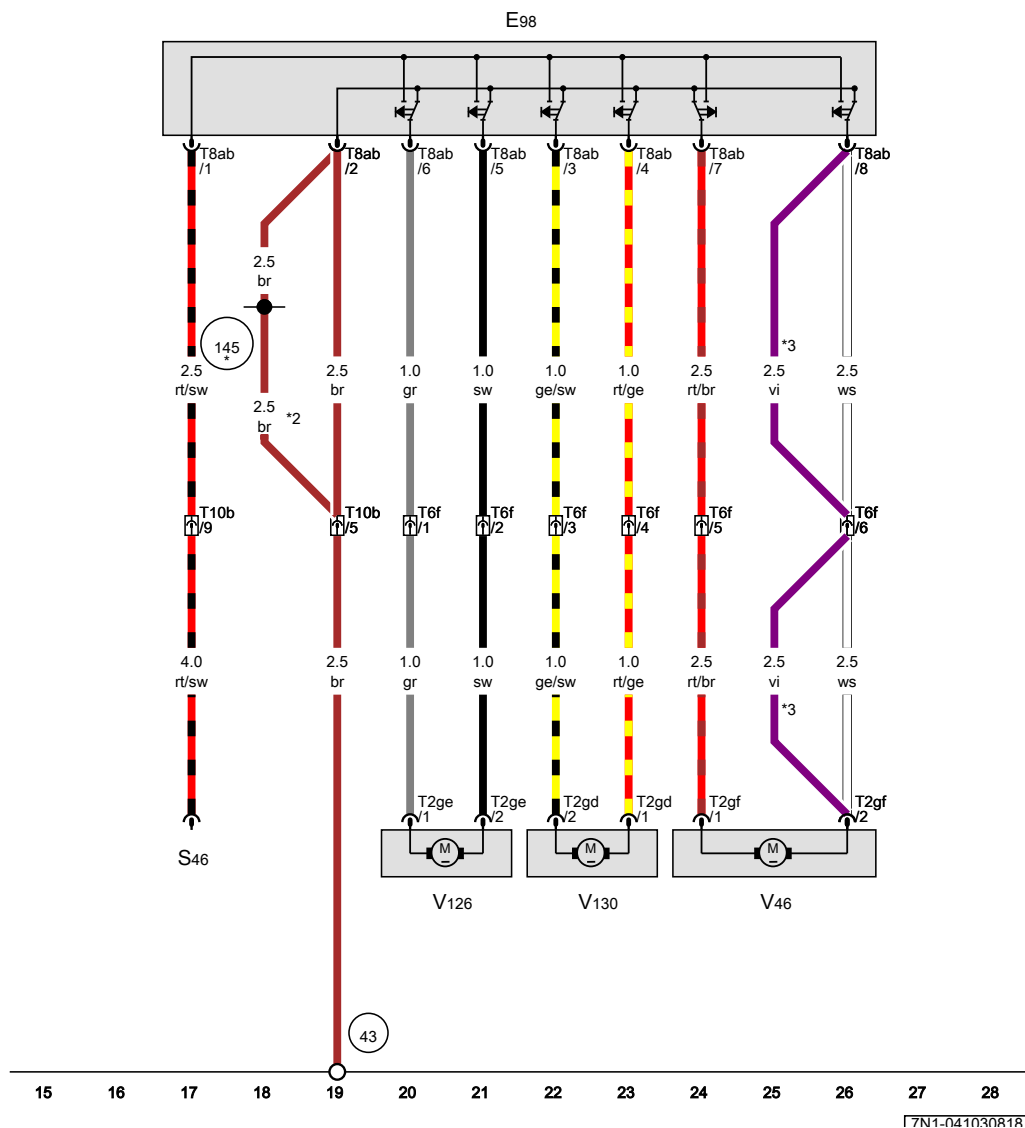
43 Earth point, lower part of right A-pillar

145 Earth connection 3, in seat heating wiring harness

* According to equipment

*2 Cross section depends on equipment

*3 From May 2011

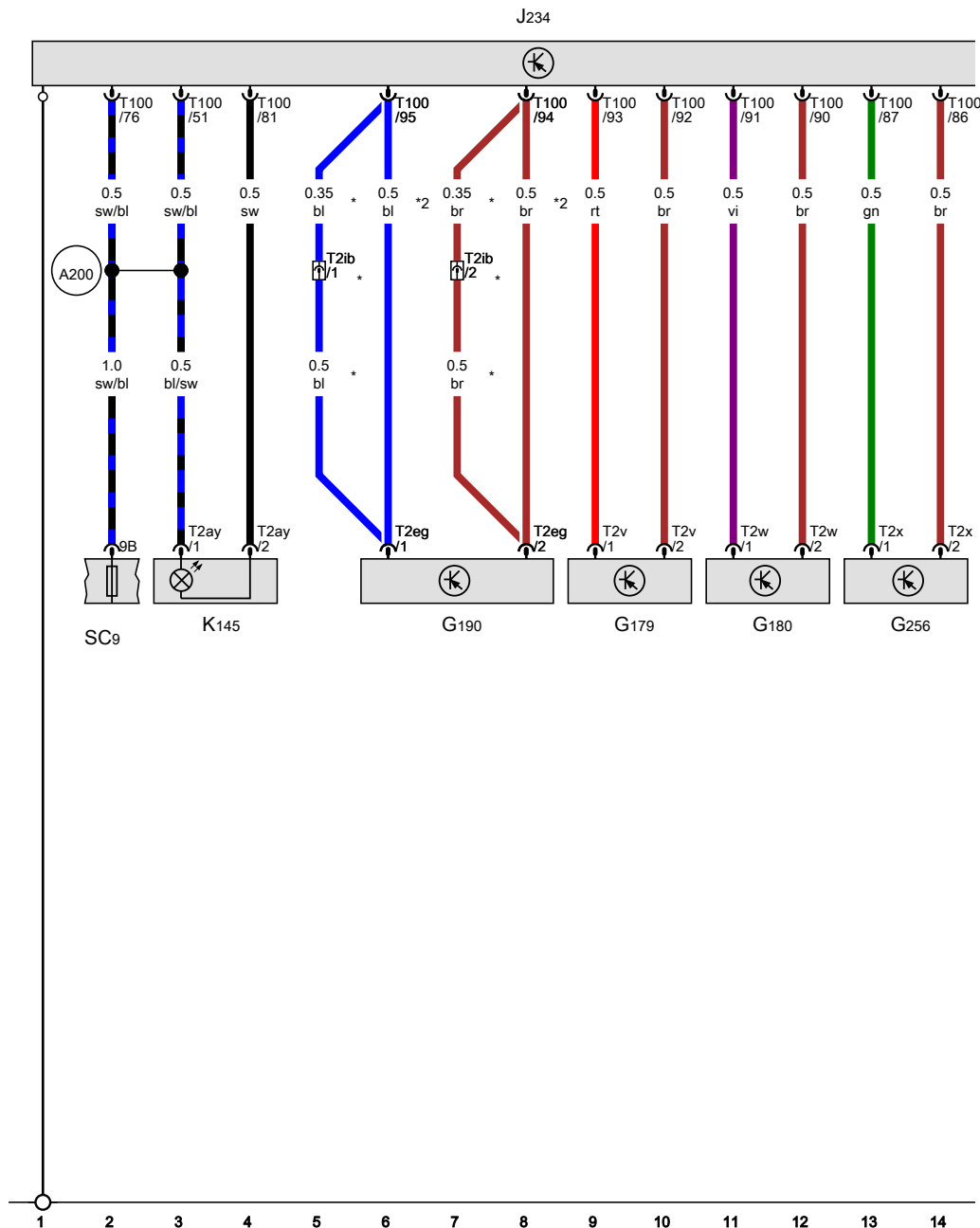


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Airbag systems , (L0R)

From May 2010

Side airbag crash sensor on driver side, Side airbag crash sensor on front passenger side, Crash sensor for front airbag, Rear side airbag crash sensor on driver side, Airbag control unit, Warning lamp for airbag deactivated on front passenger side



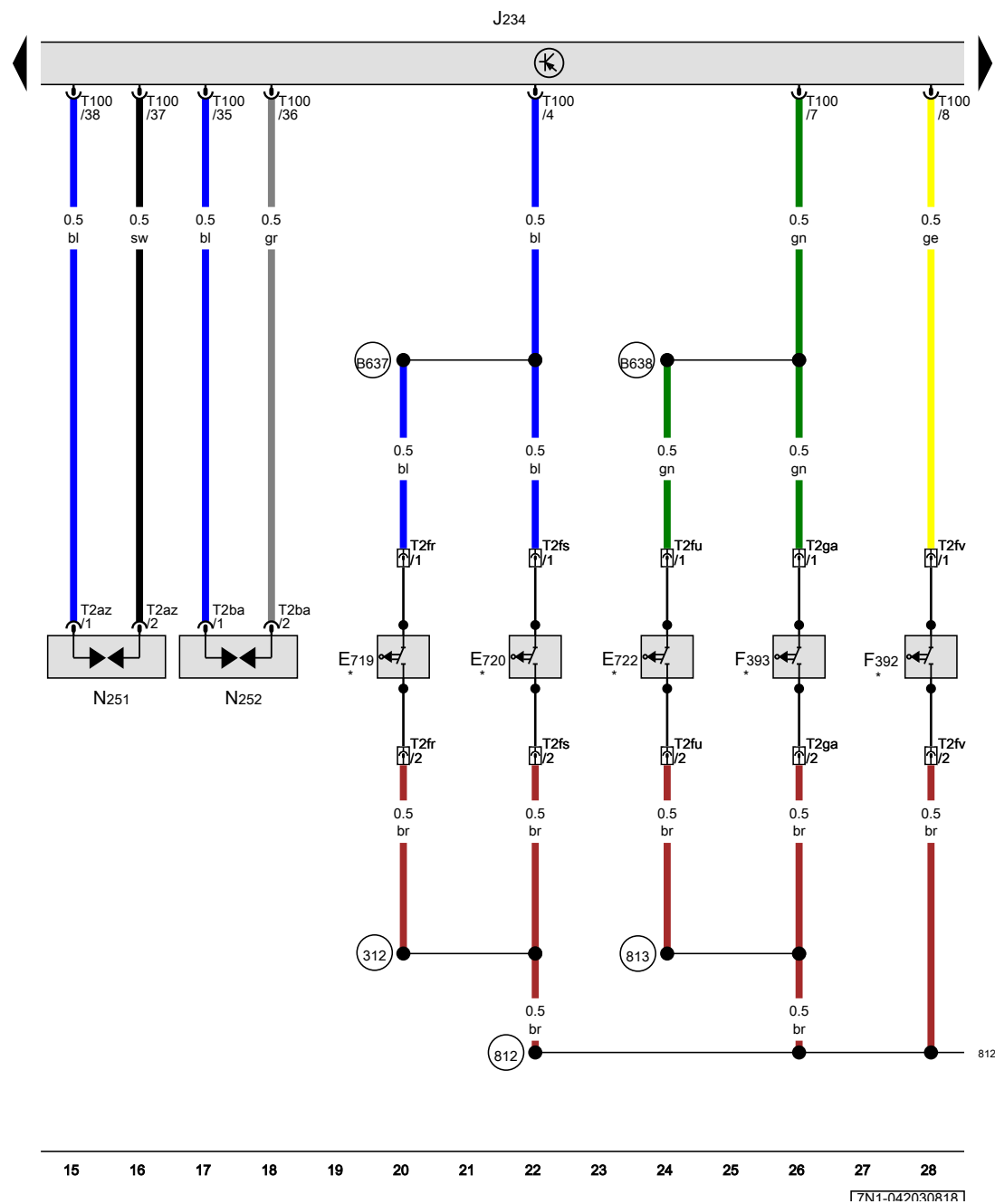
- G179 Side airbag crash sensor on driver side
- G180 Side airbag crash sensor on front passenger side
- G190 Crash sensor for front airbag
- G256 Rear side airbag crash sensor on driver side
- J234 Airbag control unit
- K145 Warning lamp for airbag deactivated on front passenger side
- SC9 Fuse 9 on fuse holder C
- T2ay 2-pin connector
- T2eg 2-pin connector, yellow
- T2ib 2-pin connector, brown
- T2v 2-pin connector
- T2w 2-pin connector
- T2x 2-pin connector
- T100 100-pin connector, yellow

A200 Positive connection 5 (15a) in dash panel wiring harness

* From May 2015

*2 Up to May 2015

17N1-042020R1R1

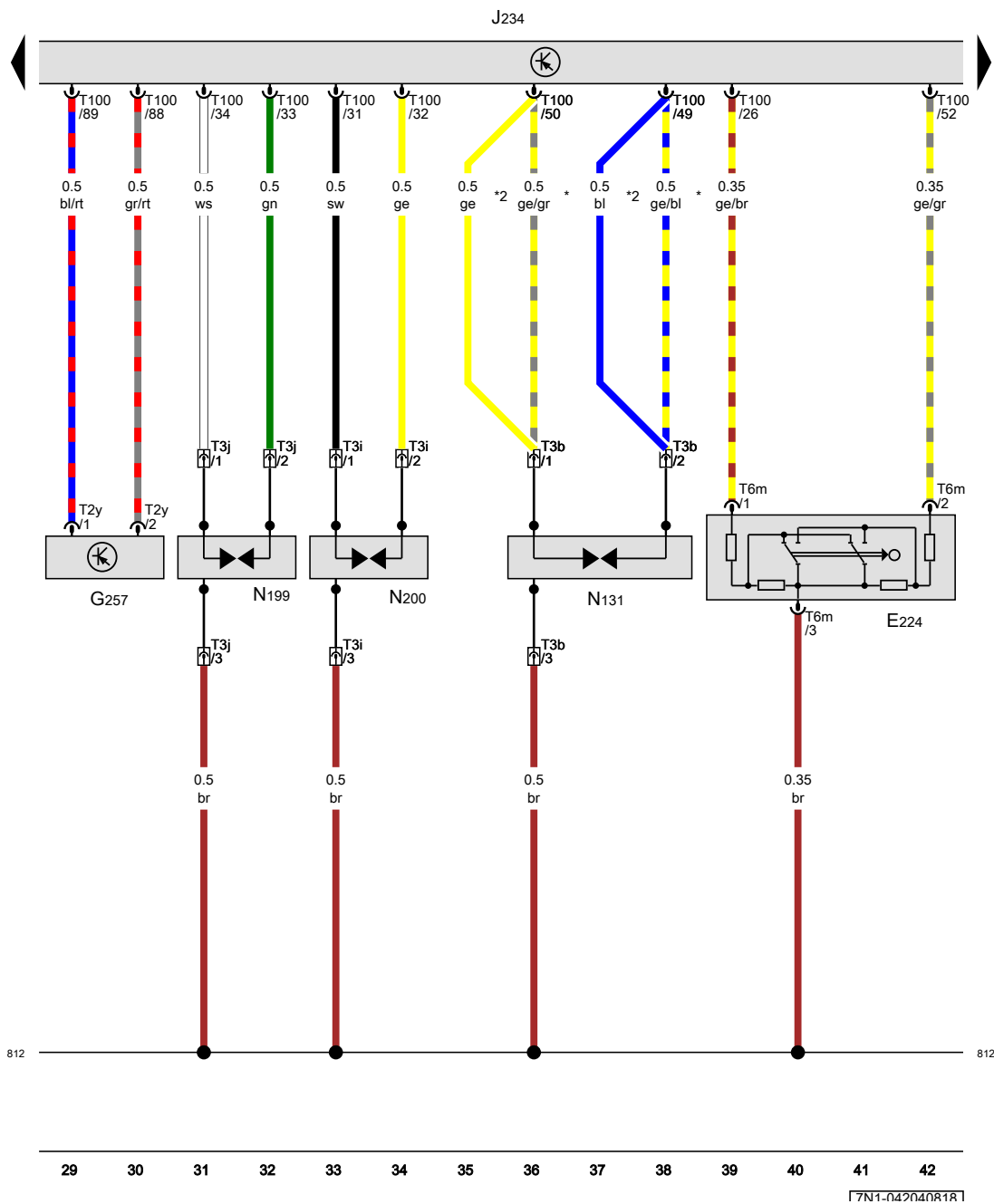


Belt switch for seat row 2, middle left, Belt switch for seat row 2, middle right, Belt switch for seat row 3, middle right, Belt switch for seat row 2, passenger side, Belt switch for seat row 3, driver side, Airbag control unit, Driver side curtain airbag igniter, Front passenger side curtain airbag igniter

- E719 Belt switch for seat row 2, middle left
- E720 Belt switch for seat row 2, middle right
- E722 Belt switch for seat row 3, middle right
- F392 Belt switch for seat row 2, passenger side
- F393 Belt switch for seat row 3, driver side
- J234 Airbag control unit
- N251 Driver side curtain airbag igniter
- N252 Front passenger side curtain airbag igniter
- T2az 2-pin connector
- T2ba 2-pin connector
- T2fr 2-pin connector
- T2fs 2-pin connector
- T2fu 2-pin connector
- T2fv 2-pin connector
- T2ga 2-pin connector
- T100 100-pin connector, yellow

- 312 Earth connection 2, in airbag wiring harness
- 812 Earth connection 3, in airbag wiring harness
- 813 Earth connection 4, in airbag wiring harness
- B637 Connection 1 (airbag), in main wiring harness
- B638 Connection 2 (airbag), in main wiring harness

* According to equipment



Key operated switch to deactivate airbag on front passenger side, Rear side airbag crash sensor on passenger side, Airbag control unit, Airbag igniter 1 on front passenger side, Side airbag igniter on driver side, Side airbag igniter on front passenger side

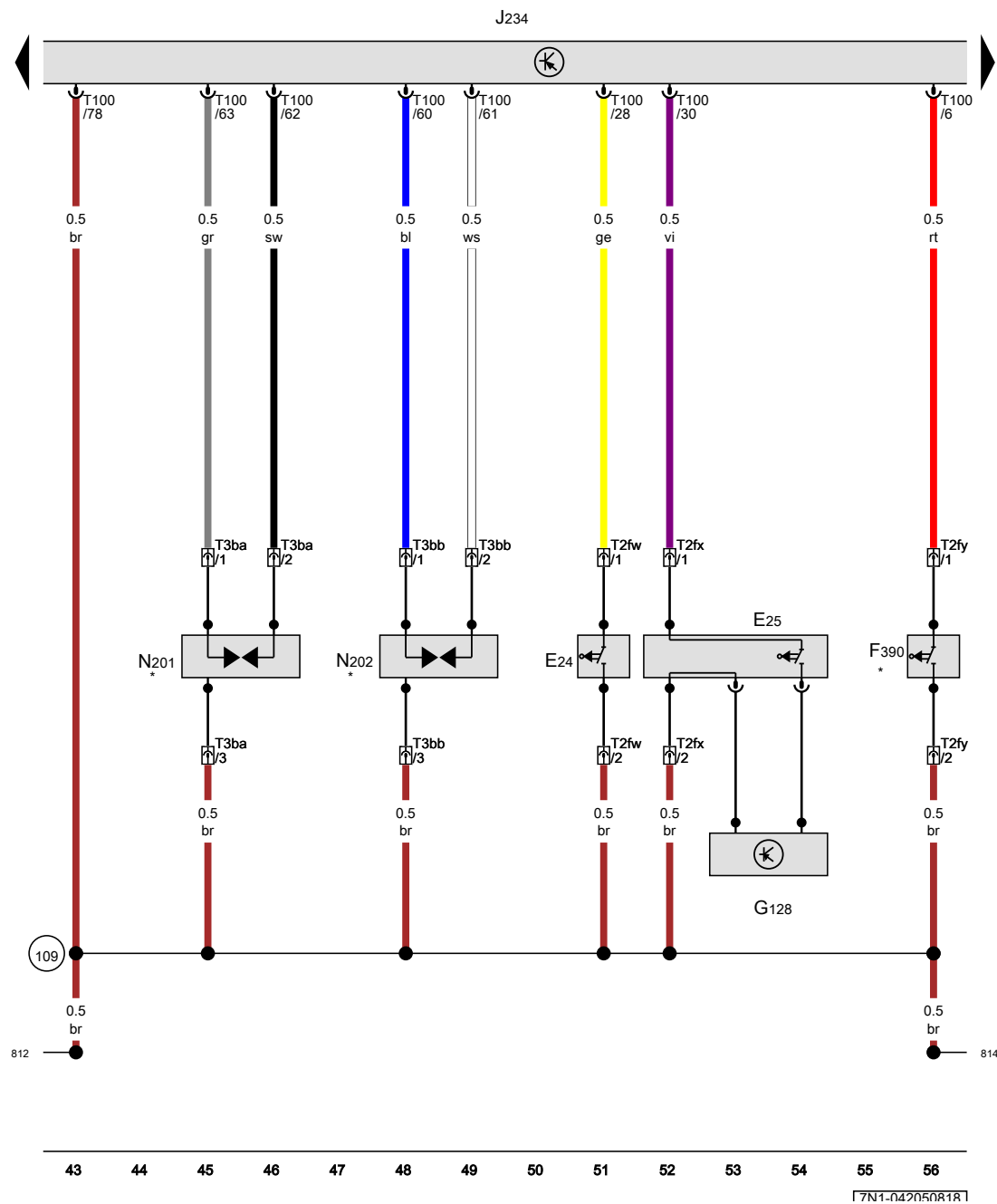
- E224 Key operated switch to deactivate airbag on front passenger side
- G257 Rear side airbag crash sensor on passenger side
- J234 Airbag control unit
- N131 Airbag igniter 1 on front passenger side
- N199 Side airbag igniter on driver side
- N200 Side airbag igniter on front passenger side
- T2y 2-pin connector
- T3b 3-pin connector
- T3i 3-pin connector
- T3j 3-pin connector
- T6m 6-pin connector, yellow
- T100 100-pin connector, yellow

812 Earth connection 3, in airbag wiring harness

* Up to May 2011

*2 From May 2011

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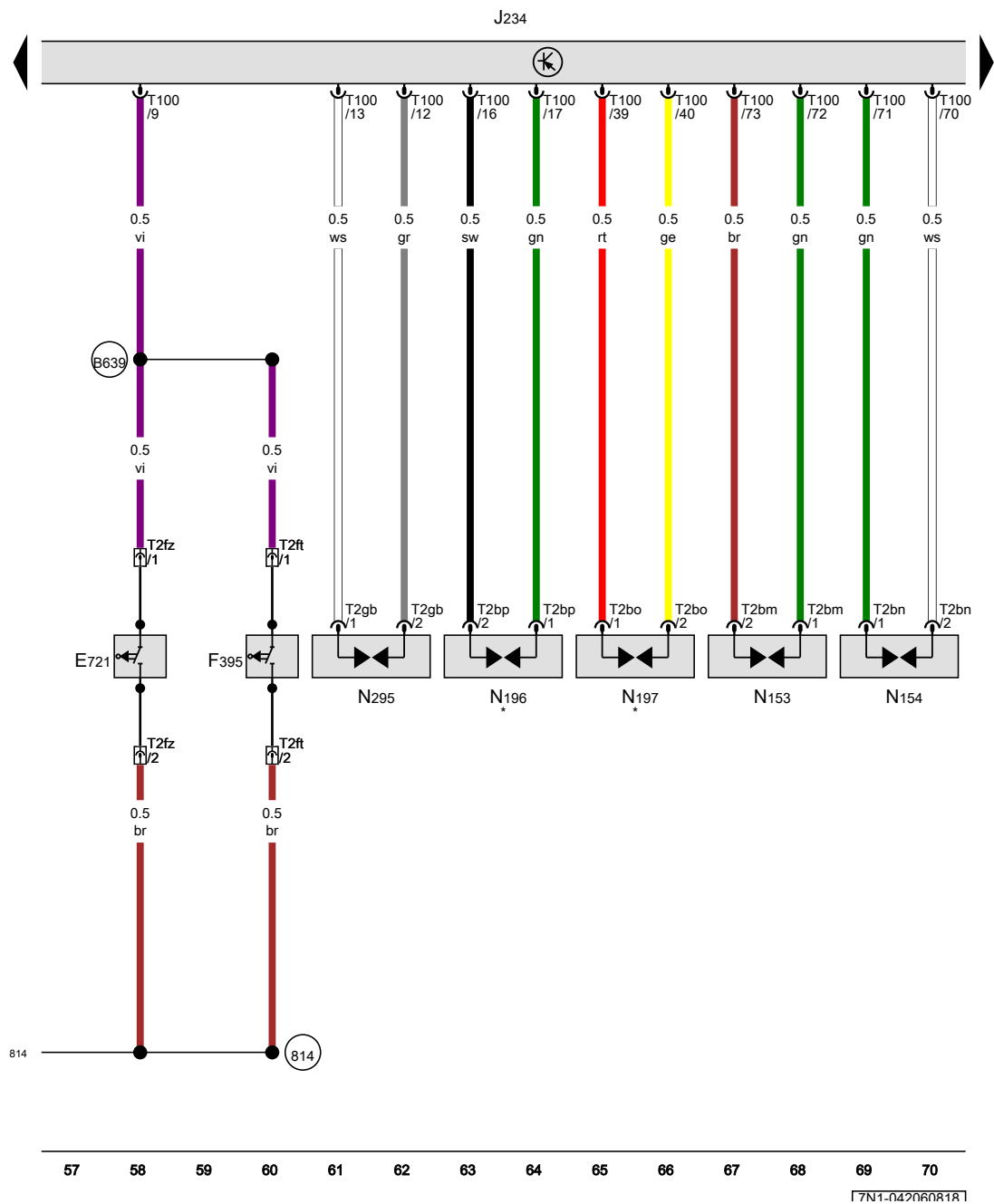


Driver side belt switch, Front passenger side belt switch, Belt switch for seat row 2, driver side, Seat occupied sensor, front passenger side, Airbag control unit, Rear side airbag igniter on driver side, Rear side airbag igniter on passenger side

- E24 Driver side belt switch
- E25 Front passenger side belt switch
- F390 Belt switch for seat row 2, driver side
- G128 Seat occupied sensor, front passenger side
- J234 Airbag control unit
- N201 Rear side airbag igniter on driver side
- N202 Rear side airbag igniter on passenger side
- T2fw 2-pin connector
- T2fx 2-pin connector
- T2fy 2-pin connector
- T3ba 3-pin connector
- T3bb 3-pin connector
- T100 100-pin connector, yellow

- 109 Earth connection, in airbag wiring harness
- 812 Earth connection 3, in airbag wiring harness
- 814 Earth connection 5, in airbag wiring harness
- * According to equipment

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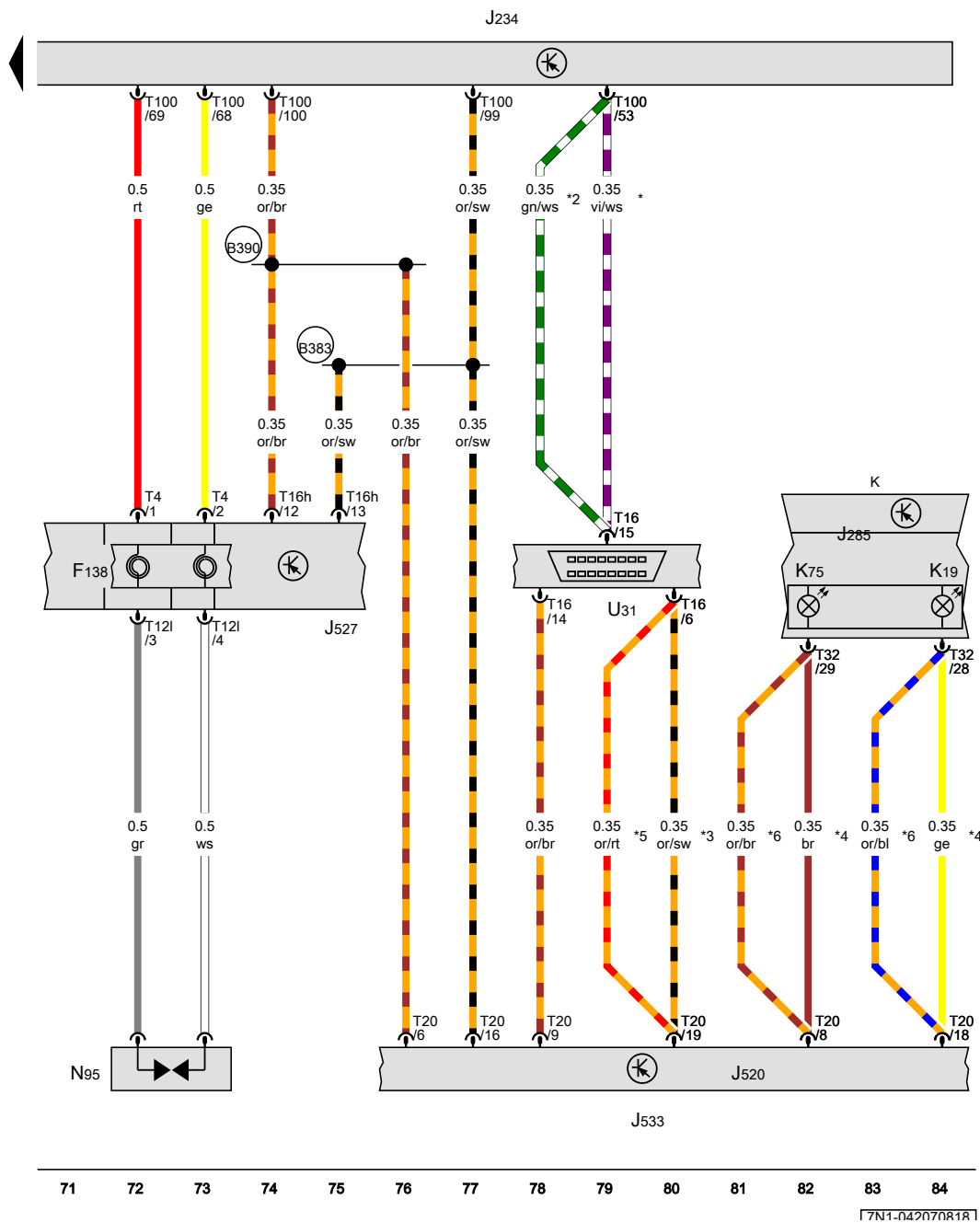
Belt switch for seat row 3, middle left, Belt switch for seat row 3, passenger side, Airbag control unit, Driver seat belt tensioner igniter 1, Front passenger seat belt tensioner igniter 1, Rear belt tensioner igniter on driver side, Rear belt tensioner igniter on passenger side, Driver side knee airbag igniter

- E721 Belt switch for seat row 3, middle left
- F395 Belt switch for seat row 3, passenger side
- J234 Airbag control unit
- N153 Driver seat belt tensioner igniter 1
- N154 Front passenger seat belt tensioner igniter 1
- N196 Rear belt tensioner igniter on driver side
- N197 Rear belt tensioner igniter on passenger side
- N295 Driver side knee airbag igniter
- T2bm 2-pin connector
- T2bn 2-pin connector
- T2bo 2-pin connector
- T2bp 2-pin connector
- T2ft 2-pin connector
- T2fz 2-pin connector
- T2gb 2-pin connector
- T100 100-pin connector, yellow

814 Earth connection 5, in airbag wiring harness

B639 Connection 3 (airbag), in main wiring harness

* According to equipment



Airbag coil connector and return ring with slip ring, Airbag control unit, Control unit in dash panel insert, Steering column electronics control unit, Data bus diagnostic interface, Airbag igniter on driver side, Diagnostic connection

- F138 Airbag coil connector and return ring with slip ring
- J234 Airbag control unit
- J285 Control unit in dash panel insert
- J520 Onboard supply control unit 2
- J527 Steering column electronics control unit
- J533 Data bus diagnostic interface
- K Dash panel insert
- K19 Seat belt warning system warning lamp
- K75 Airbag warning lamp
- N95 Airbag igniter on driver side
- T4 4-pin connector, yellow
- T121 12-pin connector
- T16 16-pin connector, black
- T16h 16-pin connector, black
- T20 20-pin connector, red
- T32 32-pin connector, blue
- T100 100-pin connector, yellow
- U31 Diagnostic connection
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- * Up to October 2011
- *2 From November 2011
- *3 Up to May 2015
- *4 Up to May 2016
- *5 From May 2015
- *6 From May 2016

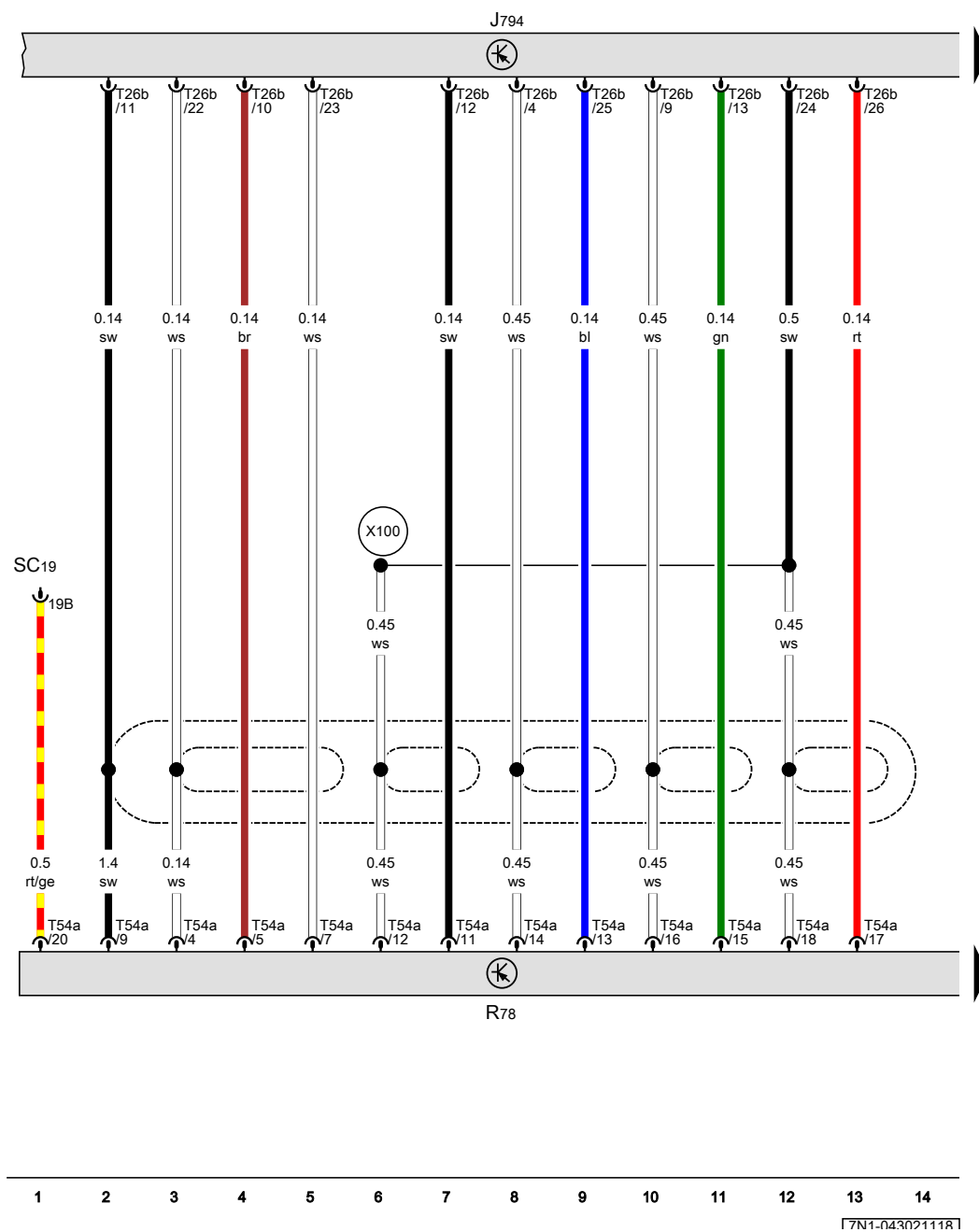
ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

TV tuner, card reader unit (Japan)

From October 2010

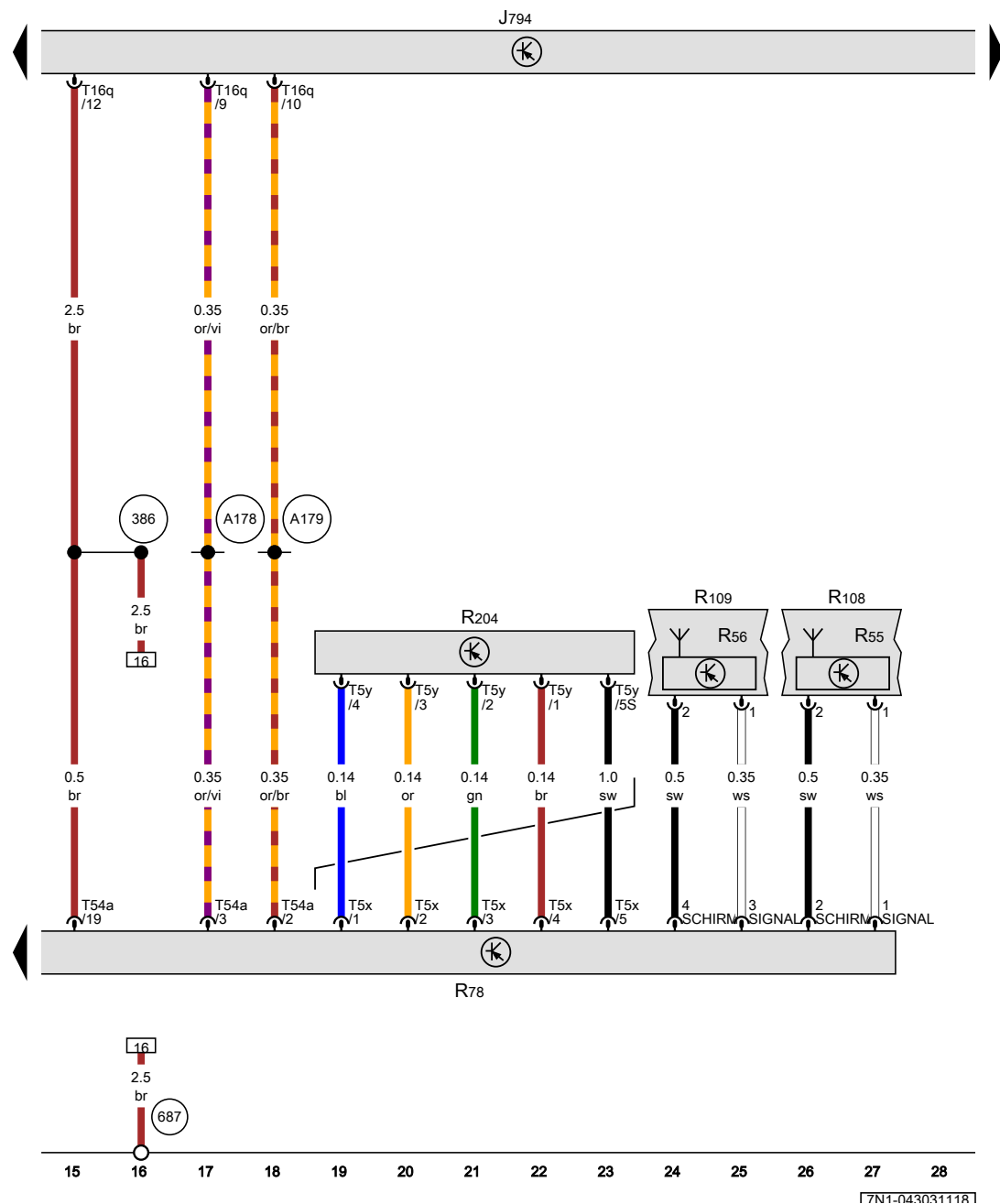
Control unit 1 for information electronics, TV tuner

- J794 Control unit 1 for information electronics
- R78 TV tuner
- SC19 Fuse 19 on fuse holder C
- T26b 26-pin connector, black
- T54a 54-pin connector
- X100 Connection (screening), in optional equipment wiring harness



- ws = white
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- rs = pink

Control unit 1 for information electronics, TV aerial 1, TV aerial 2, TV tuner, TV card reader

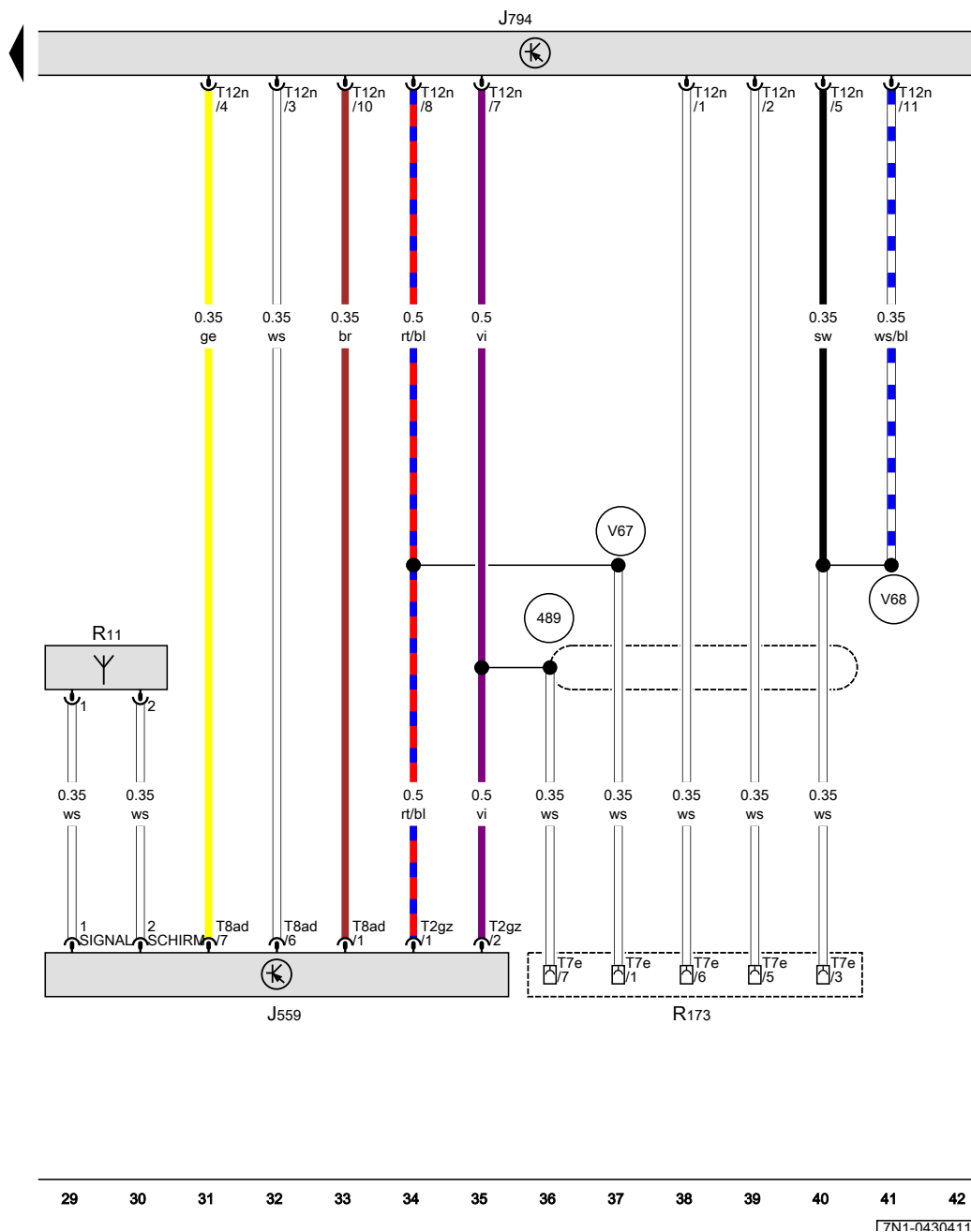


- J794 Control unit 1 for information electronics
- R55 TV aerial 1
- R56 TV aerial 2
- R78 TV tuner
- R108 Left aerial module, in left side window
- R109 Right aerial module, in right side window
- R204 TV card reader
- T5x 5-pin connector
- T5y 5-pin connector
- T16q 16-pin connector
- T54a 54-pin connector

- 386 Earth connection 21, in main wiring harness
- 687 Earth point 1, on centre tunnel
- A178 Connection (infotainment CAN bus, high), in dash panel wiring harness
- A179 Connection (infotainment CAN bus, low), in dash panel wiring harness

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- br = brown
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- vi = purple
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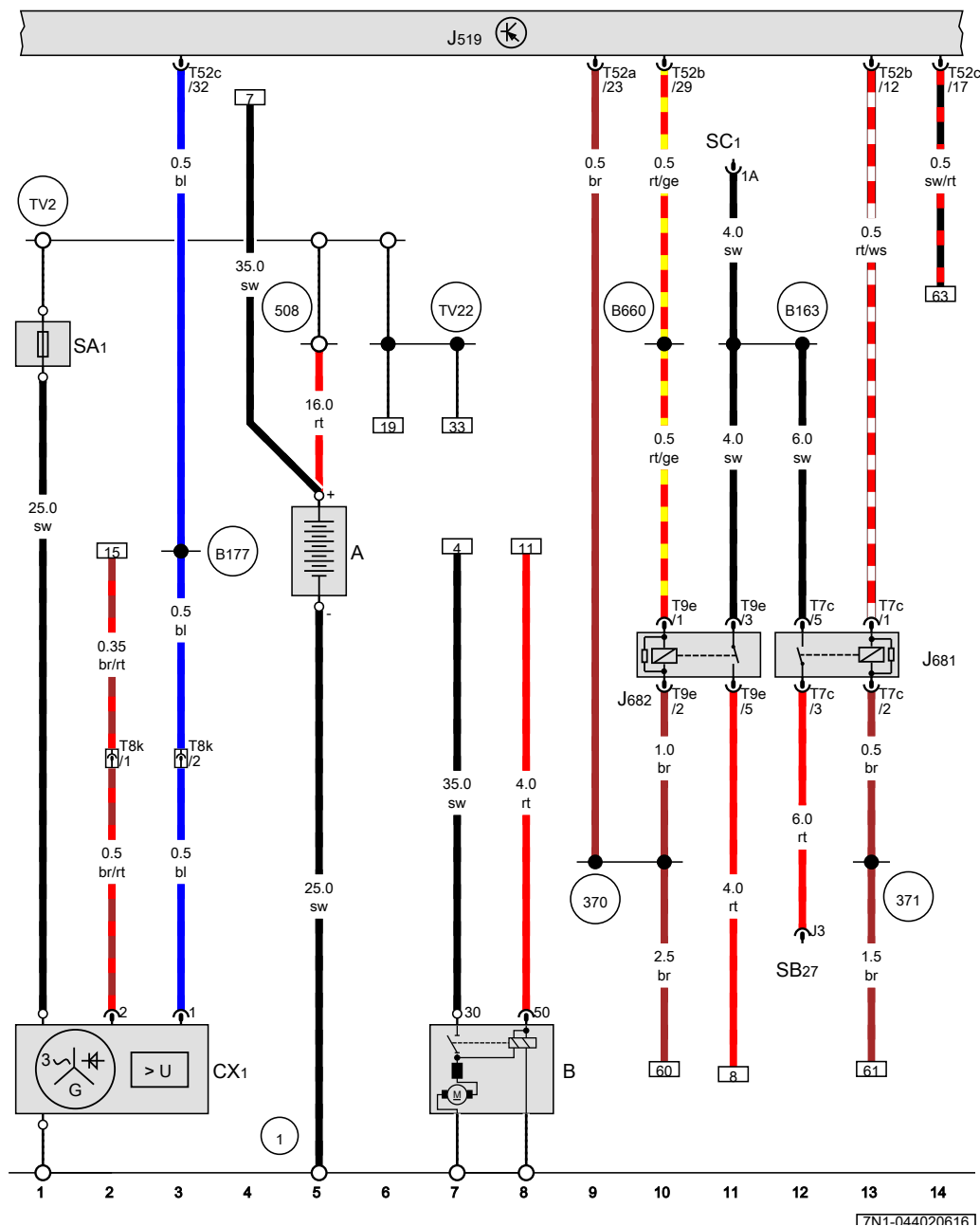
Traffic information control unit, Control unit 1 for information electronics, Aerial, Traffic data aerial



2.0l petrol engine , CCZA

From October 2010

Battery, Starter, Alternator with voltage regulator, Onboard supply control unit, Terminal 15 voltage supply relay 2, Terminal 50 voltage supply relay



- A Battery
- B Starter
- CX1 Alternator with voltage regulator
- J519 Onboard supply control unit
- J681 Terminal 15 voltage supply relay 2
- J682 Terminal 50 voltage supply relay
- SC1 Fuse 1 on fuse holder C
- SA1 Fuse 1 in fuse holder A
- SB27 Fuse 27 on fuse holder B
- T7c 7-pin connector
- T8k 8-pin connector
- T9e 9-pin connector
- T52a 52-pin connector
- T52b 52-pin connector
- T52c 52-pin connector
- 1 Earth strap, battery - body
- 370 Earth connection 5, in main wiring harness
- 371 Earth connection 6, in main wiring harness
- 508 Threaded connection (30) on E-box
- B163 Positive connection 1 (15), in interior wiring harness
- B177 Connection (61), in interior wiring harness
- B660 Connection (diagnosis terminal 50), in main wiring harness
- TV2 Terminal 30 wiring junction
- TV22 Terminal 30 wiring junction 2

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 rs = pink

Radiator outlet coolant temperature sender, Lambda probe after catalytic converter, Engine control unit, Engine component current supply relay

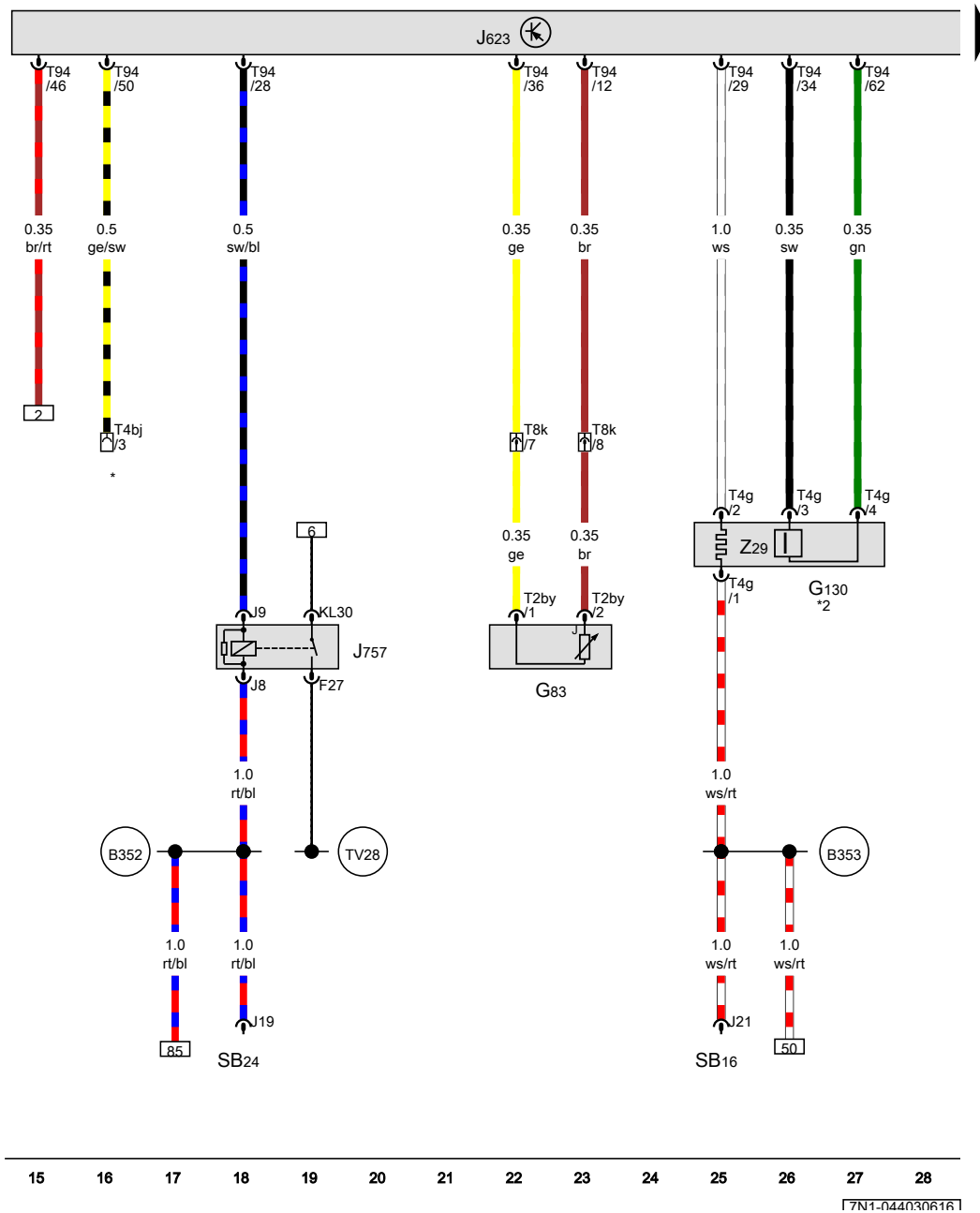
- G83 Radiator outlet coolant temperature sender
- G130 Lambda probe after catalytic converter
- J623 Engine control unit
- J757 Engine component current supply relay
- SB16 Fuse 16 on fuse holder B
- SB24 Fuse 24 on fuse holder B
- T2by 2-pin connector
- T4bj 4-pin connector
- T4g 4-pin connector
- T8k 8-pin connector
- T94 94-pin connector
- Z29 Lambda probe 1 heater after catalytic converter

B352 Positive connection 3 (87a) in main wiring harness

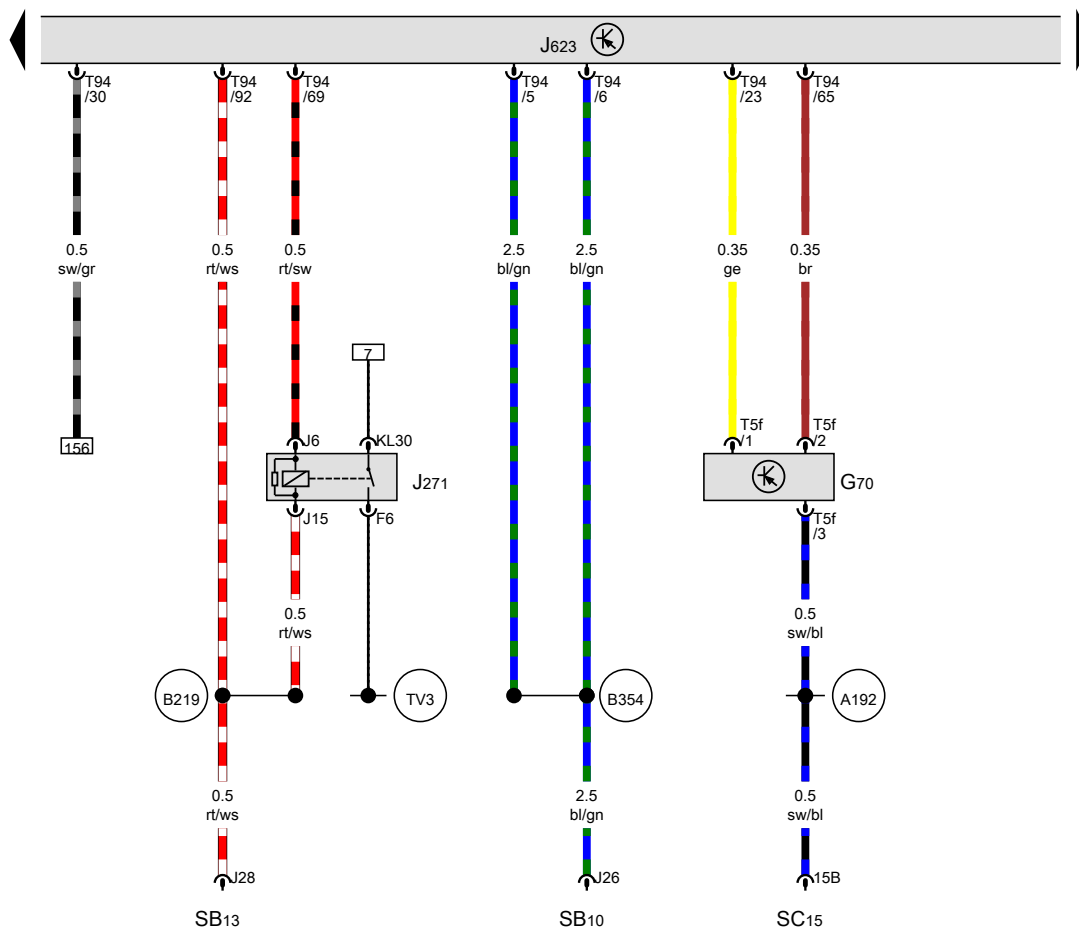
B353 Positive connection 4 (87a) in main wiring harness

TV28 Terminal 30 wiring junction 3

- * see applicable current flow diagram for radiator fan
- *2 Pre-wired component



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- sw = black
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- vi = purple
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- rs = pink



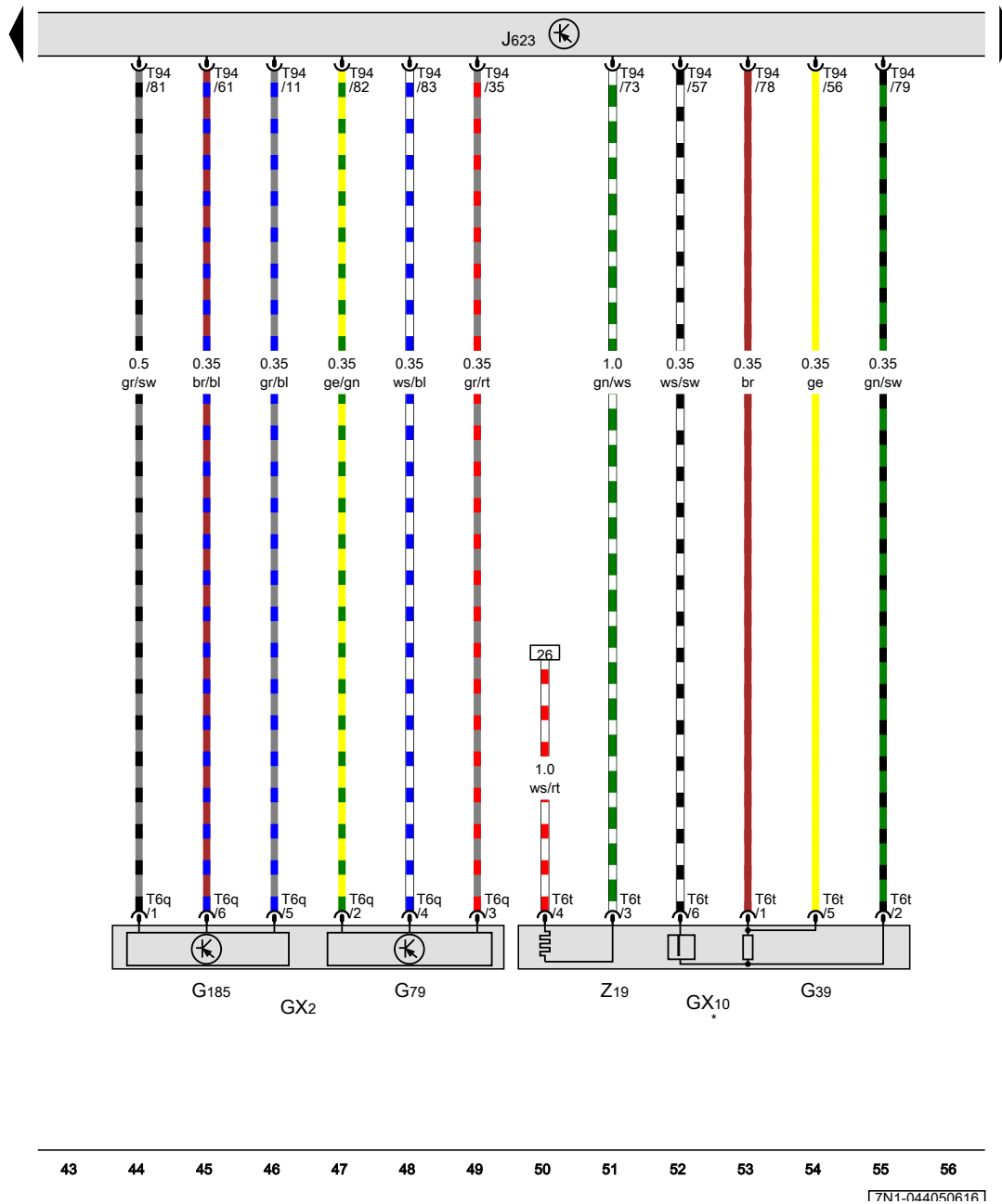
Air mass meter, Main relay, Engine control unit

- G70 Air mass meter
- J271 Main relay
- J623 Engine control unit
- SB10 Fuse 10 on fuse holder B
- SB13 Fuse 13 on fuse holder B
- SC15 Fuse 15 on fuse holder C
- T5f 5-pin connector
- T94 94-pin connector

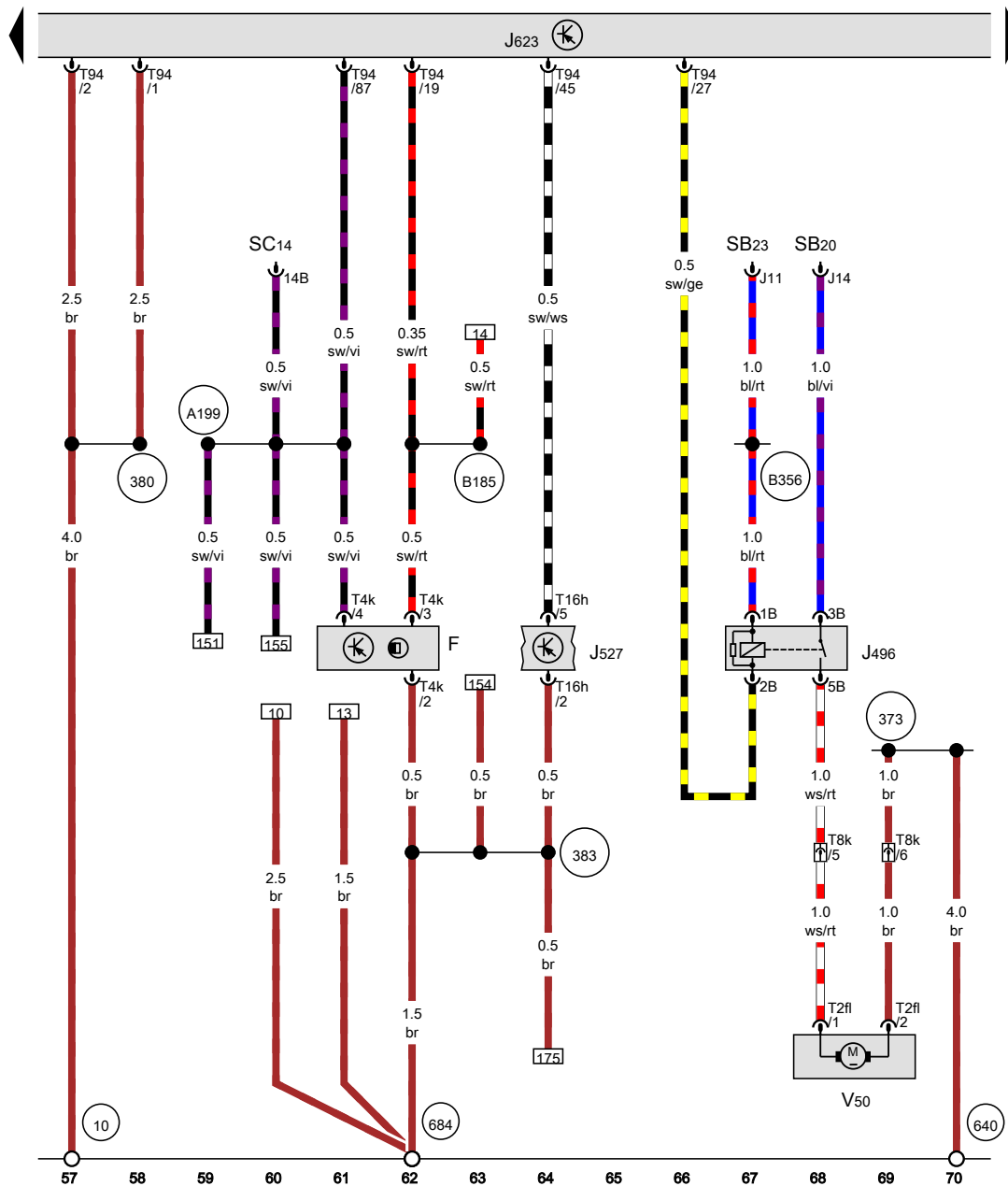
- A192 Positive connection 3 (15a) in dash panel wiring harness
- B219 Positive connection 4 (30a), in interior wiring harness
- B354 Positive connection 5 (87a) in main wiring harness
- TV3 Terminal 30a wiring junction

- ws = white
- sw = black
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Accelerator pedal module, Lambda probe 1 before catalytic converter, Engine control unit



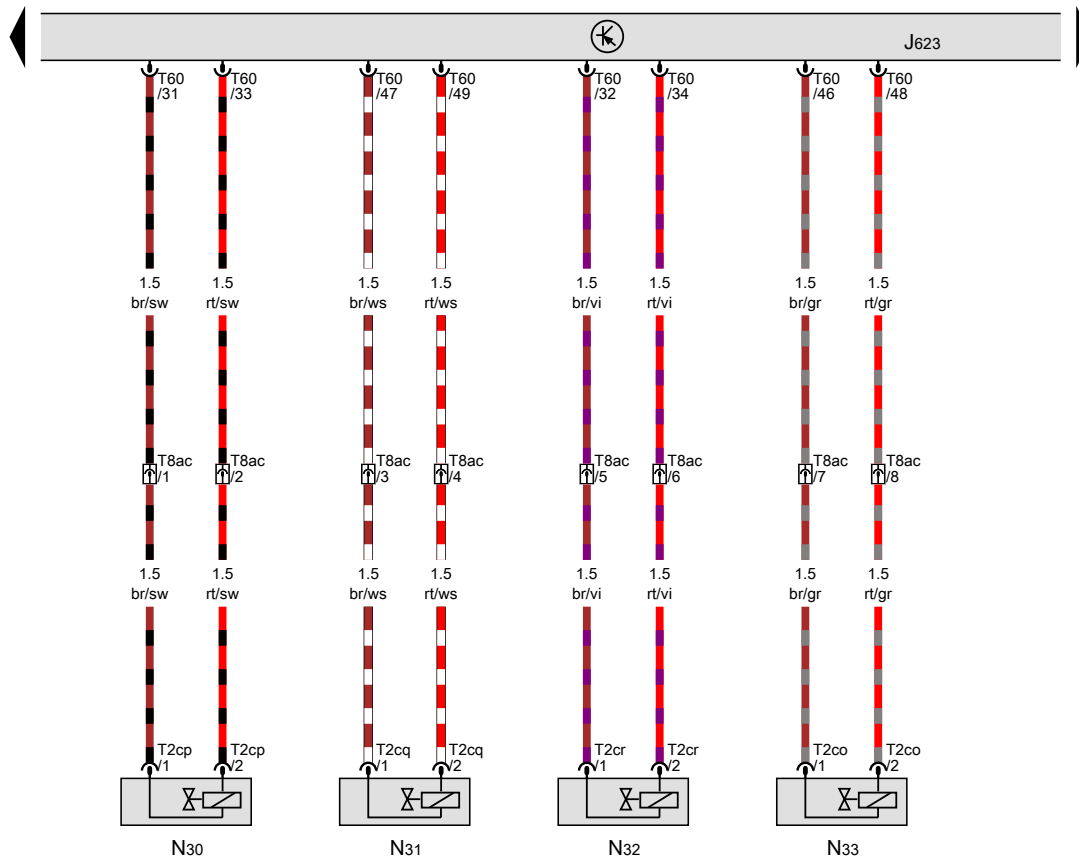
Brake light switch, Additional coolant pump relay, Engine control unit, Coolant circulation pump



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

- F Brake light switch
- J496 Additional coolant pump relay
- J527 Steering column electronics control unit
- J623 Engine control unit
- SC14 Fuse 14 on fuse holder C
- SB20 Fuse 20 on fuse holder B
- SB23 Fuse 23 on fuse holder B
- T2fl 2-pin connector
- T4k 4-pin connector
- T8k 8-pin connector
- T16h 16-pin connector
- T94 94-pin connector
- V50 Coolant circulation pump
- 10 Earth point, in plenum chamber
- 373 Earth connection 8, in main wiring harness
- 380 Earth connection 15, in main wiring harness
- 383 Earth connection 18, in main wiring harness
- 640 Earth point 2, left in engine compartment
- 684 Earth point on front of left side member
- A199 Positive connection 4 (15a) in dash panel wiring harness
- B185 Connection 2 (54), in interior wiring harness
- B356 Positive connection 7 (87a) in main wiring harness

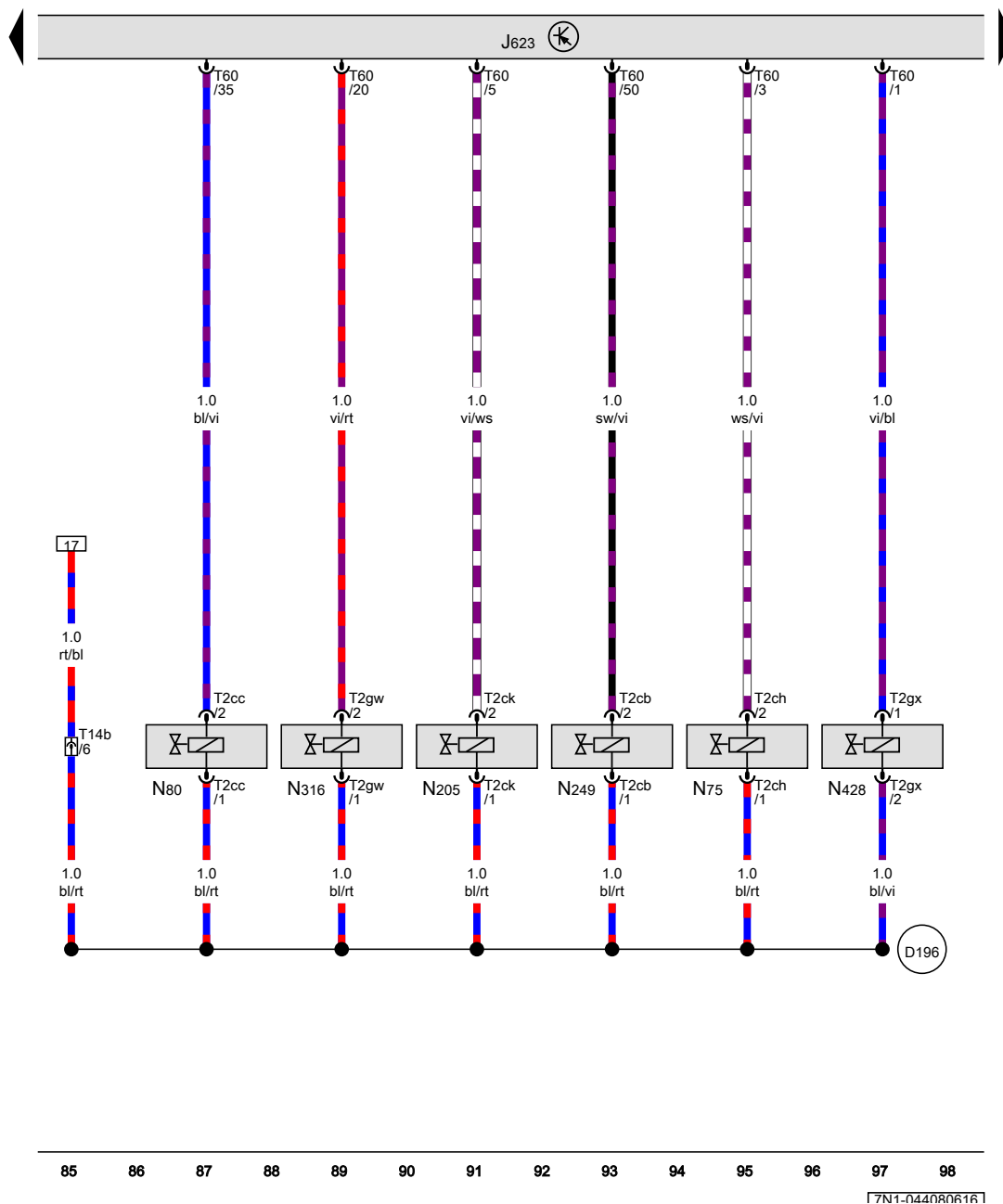
17N1-0440606161



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

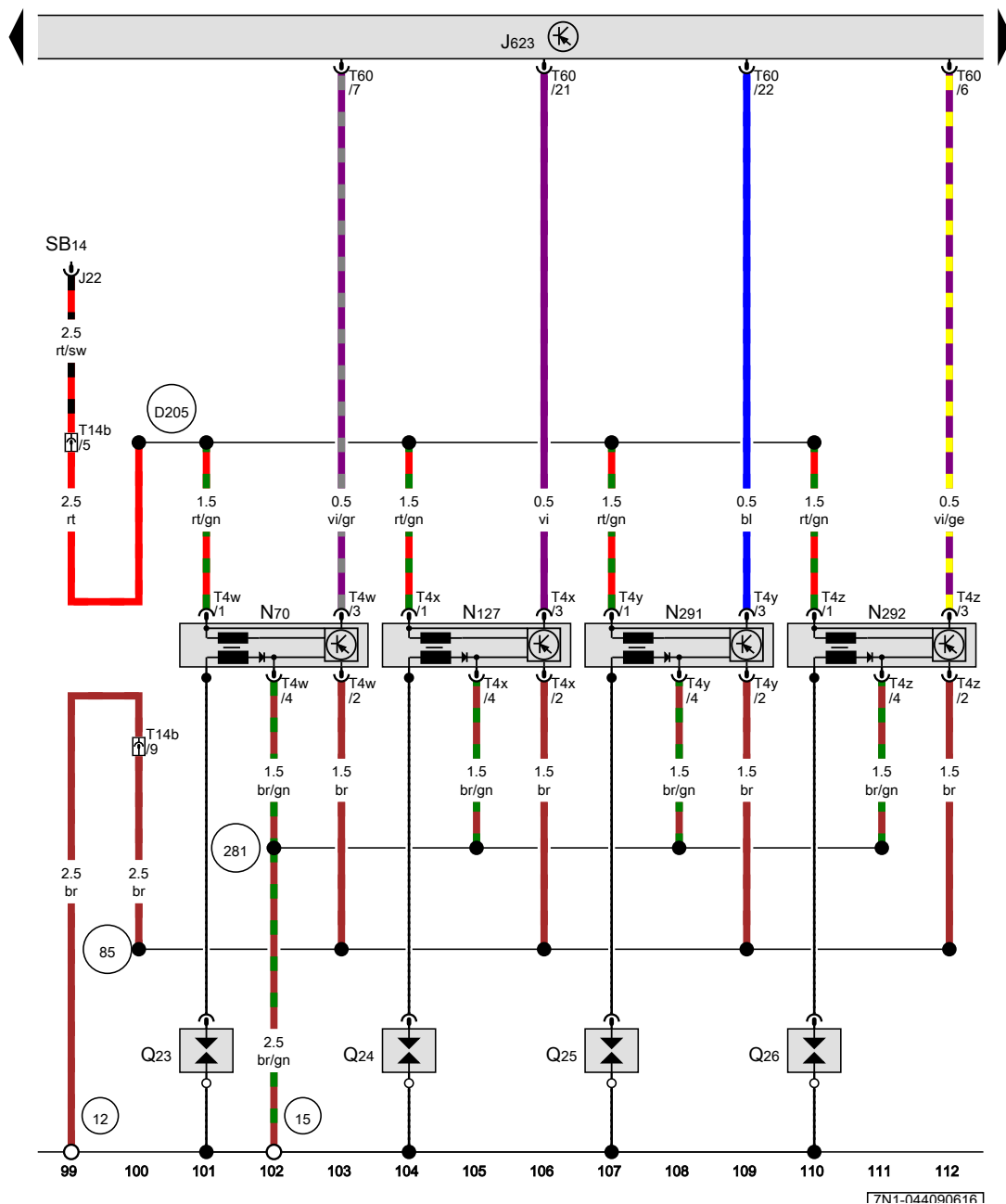
- J623 Engine control unit
- N30 Injector, cylinder 1
- N31 Injector, cylinder 2
- N32 Injector, cylinder 3
- N33 Injector, cylinder 4
- T2co 2-pin connector
- T2cp 2-pin connector
- T2cq 2-pin connector
- T2cr 2-pin connector
- T8ac 8-pin connector
- T60 60-pin connector

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Engine control unit, Charge pressure control solenoid valve, Activated charcoal filter solenoid valve 1, Camshaft control valve 1, Turbocharger air recirculation valve, Intake manifold flap valve, Valve for oil pressure control

- J623 Engine control unit
- N75 Charge pressure control solenoid valve
- N80 Activated charcoal filter solenoid valve 1
- N205 Camshaft control valve 1
- N249 Turbocharger air recirculation valve
- N316 Intake manifold flap valve
- N428 Valve for oil pressure control
- T2cb 2-pin connector
- T2cc 2-pin connector
- T2ch 2-pin connector
- T2ck 2-pin connector
- T2gw 2-pin connector
- T2gx 2-pin connector
- T14b 14-pin connector
- T60 60-pin connector
- D196 Connection 2 (87a) in engine prewiring harness

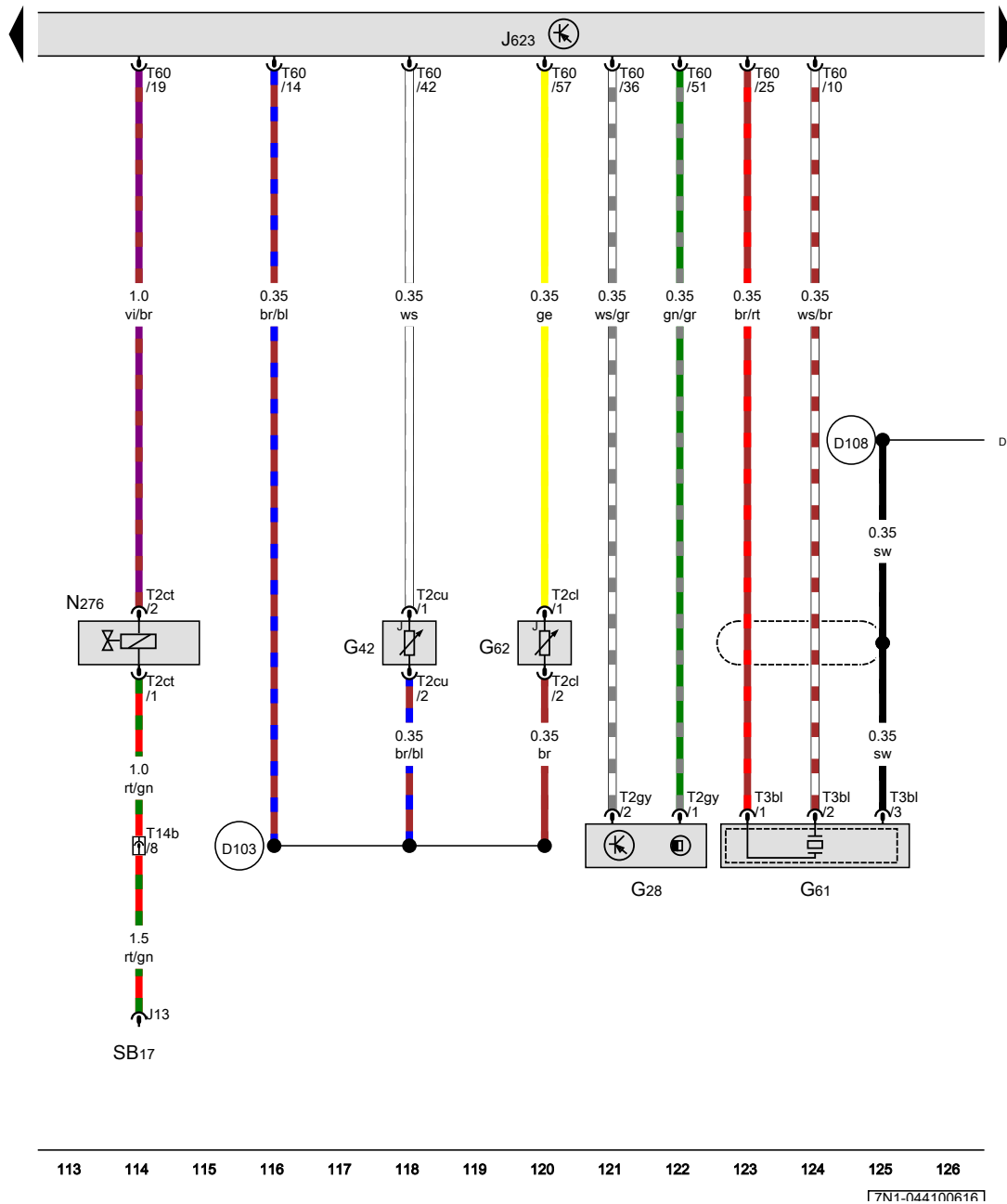


Engine control unit, Ignition coil 1 with output stage, Ignition coil 2 with output stage, Ignition coil 3 with output stage, Ignition coil 4 with output stage

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
 Q23 Spark plug 1
 Q24 Spark plug 2
 Q25 Spark plug 3
 Q26 Spark plug 4
 SB14 Fuse 14 on fuse holder B
 T4w 4-pin connector
 T4x 4-pin connector
 T4y 4-pin connector
 T4z 4-pin connector
 T14b 14-pin connector
 T60 60-pin connector

12 Earth point, on left in engine compartment
 15 Earth point, on cylinder head
 85 Earth connection 1, in engine compartment wiring harness
 281 Earth point 1, engine prewiring harness
 D205 Connection 3 (87a) in engine prewiring harness

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



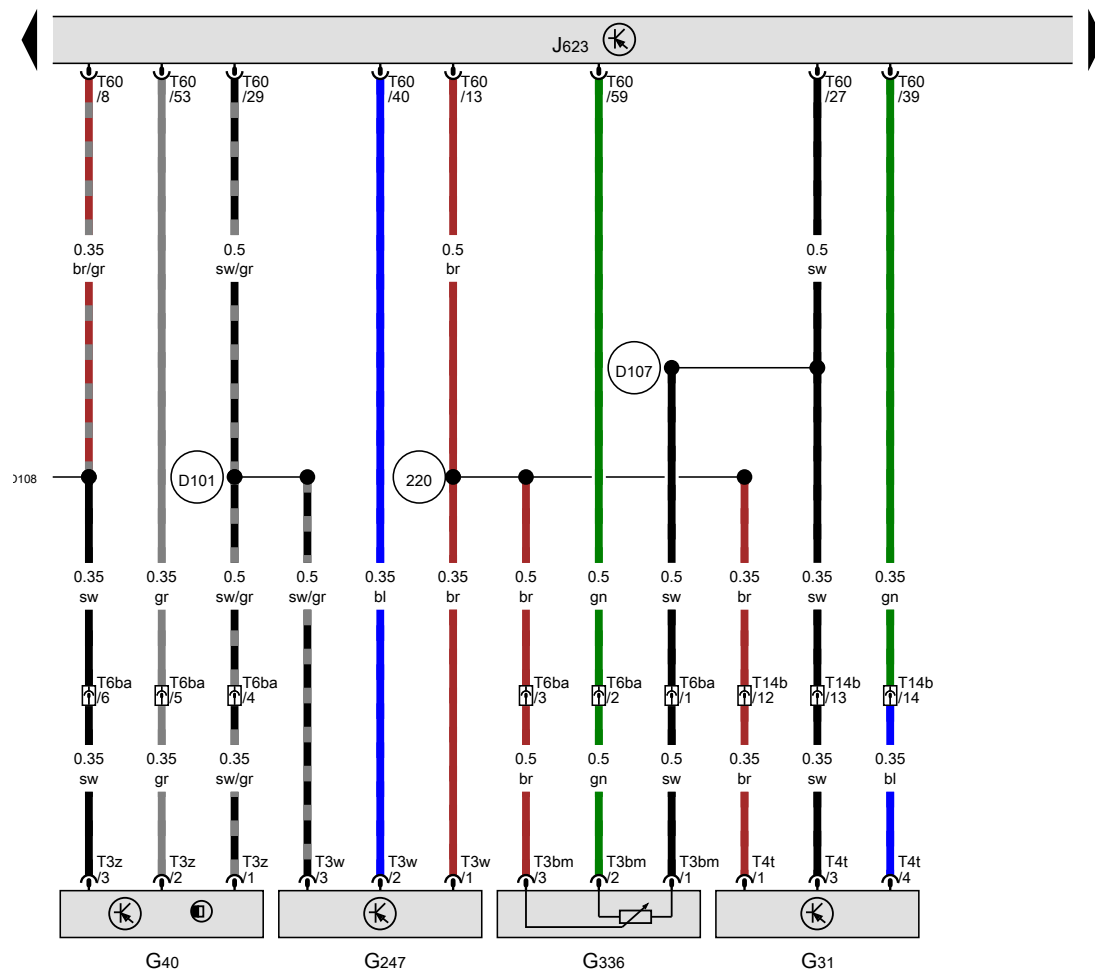
Engine speed sender, Intake air temperature sender, Knock sensor 1, Coolant temperature sender, Engine control unit, Fuel pressure regulating valve

- G28 Engine speed sender
- G42 Intake air temperature sender
- G61 Knock sensor 1
- G62 Coolant temperature sender
- J623 Engine control unit
- N276 Fuel pressure regulating valve
- SB17 Fuse 17 on fuse holder B
- T2cl 2-pin connector
- T2ct 2-pin connector
- T2cu 2-pin connector
- T2gy 2-pin connector
- T3bl 3-pin connector
- T14b 14-pin connector
- T60 60-pin connector

D103 Connection 3 in engine compartment wiring harness

D108 Connection 6 in engine compartment wiring harness

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- vi = purple
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- rs = pink



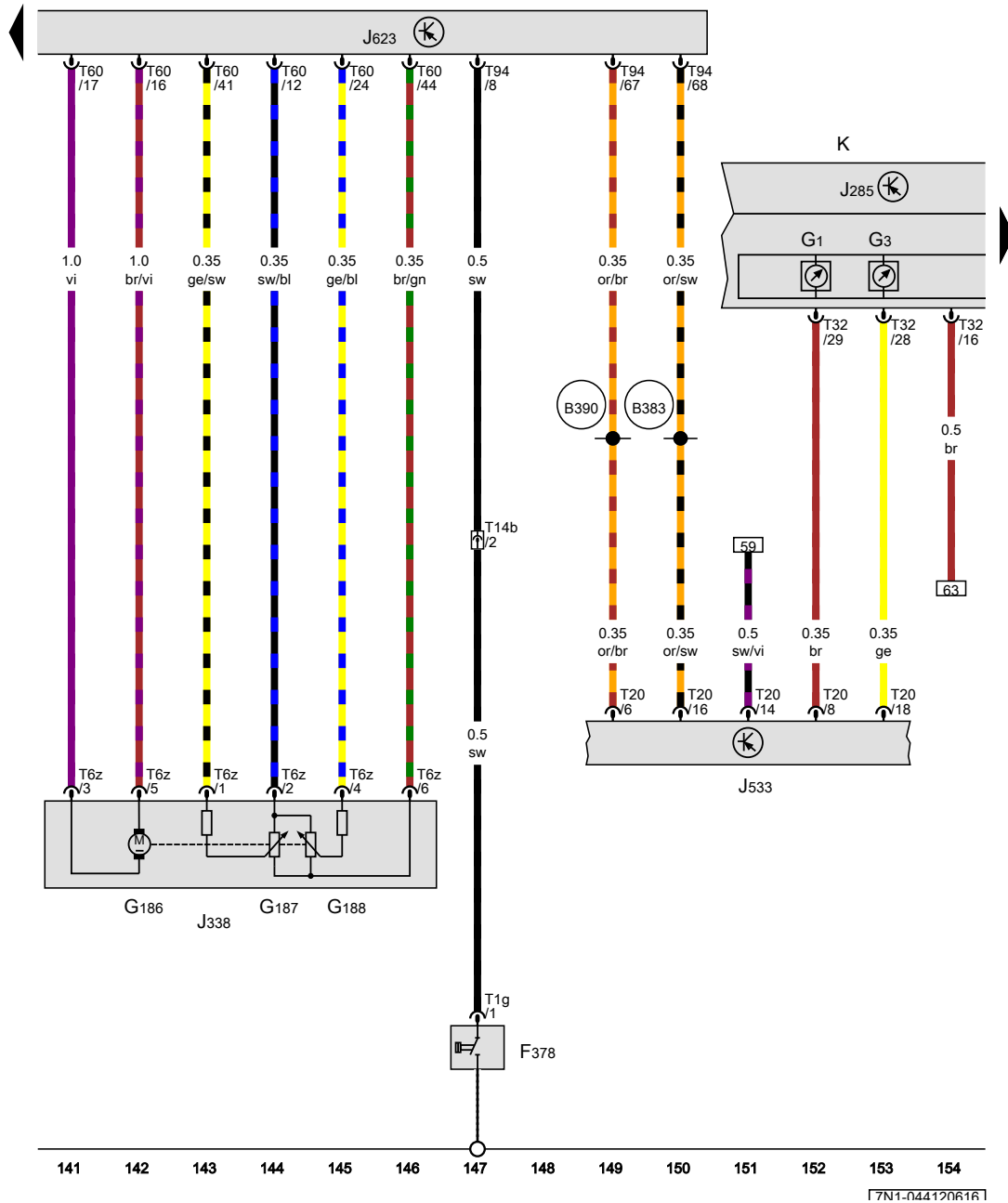
Charge pressure sender, Hall sender, Fuel pressure sender, Intake manifold flap potentiometer, Engine control unit

- G31 Charge pressure sender
- G40 Hall sender
- G247 Fuel pressure sender
- G336 Intake manifold flap potentiometer
- J623 Engine control unit
- T3bm 3-pin connector
- T3w 3-pin connector
- T3z 3-pin connector
- T4t 4-pin connector
- T6ba 6-pin connector
- T14b 14-pin connector
- T60 60-pin connector
- 220 Earth connection (sender earth), in engine wiring harness
- D101 Connection 1 in engine compartment wiring harness
- D107 Connection 5 in engine compartment wiring harness
- D108 Connection 6 in engine compartment wiring harness

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127 128 129 130 131 132 133 134 135 136 137 138 139 140

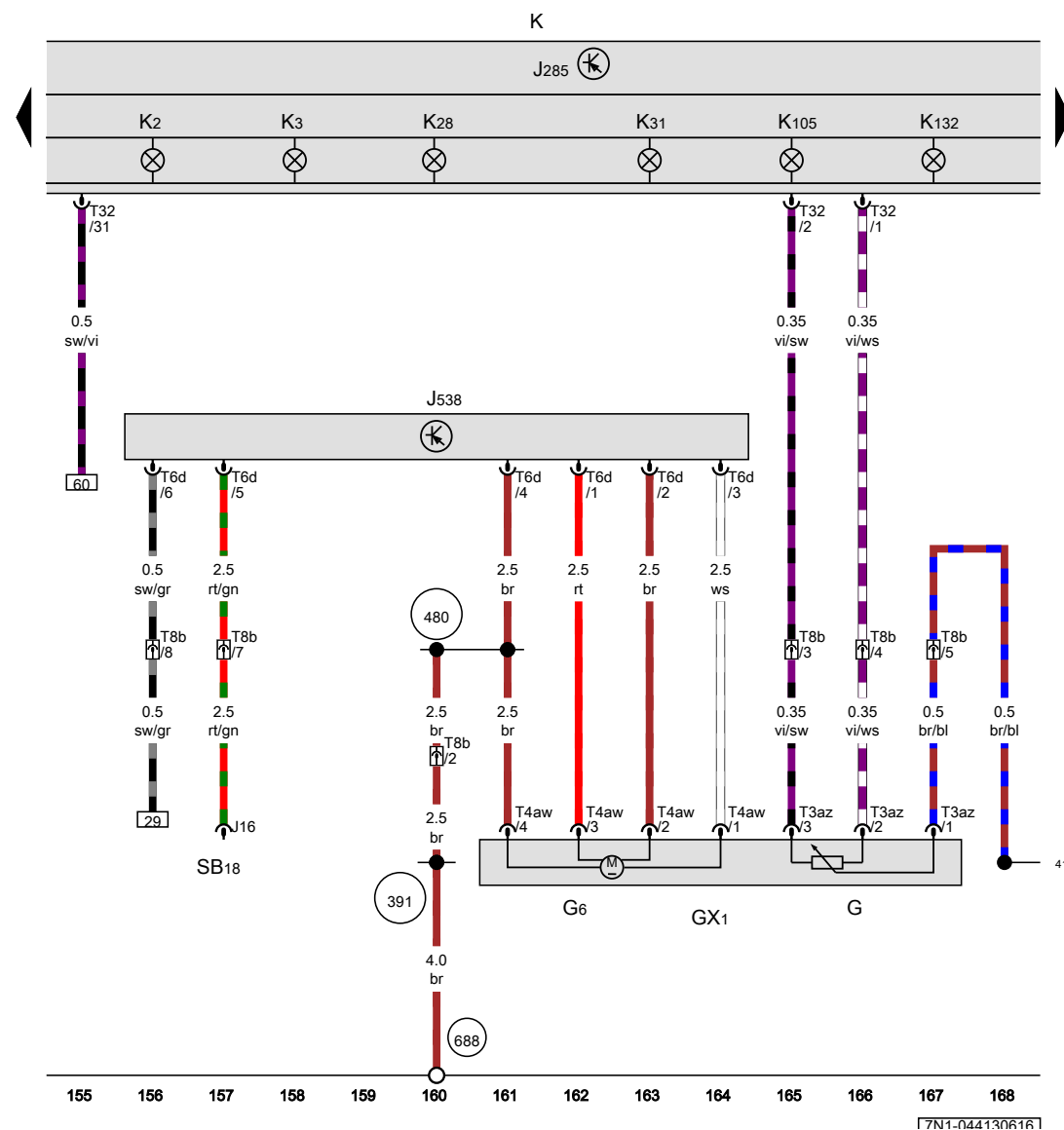
[7N1-044110R16]



Oil pressure switch for reduced oil pressure, Throttle valve module, Data bus diagnostic interface, Engine control unit, Dash panel insert

- F378 Oil pressure switch for reduced oil pressure
- G1 Fuel gauge
- G3 Coolant temperature gauge
- 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
- J285 Control unit in dash panel insert
- J338 Throttle valve module
- J533 Data bus diagnostic interface
- J623 Engine control unit
- K Dash panel insert
- T1g Single connector
- T6z 6-pin connector
- T14b 14-pin connector
- T20 20-pin connector
- T32 32-pin connector
- T60 60-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

Fuel delivery unit, Fuel pump control unit, Dash panel insert



- G Fuel gauge sender
- GX1 Fuel delivery unit
- G6 Fuel system pressurisation pump
- J285 Control unit in dash panel insert
- J538 Fuel pump control unit
- K Dash panel insert
- K2 Alternator warning lamp
- K3 Oil pressure warning lamp
- K28 Coolant temperature and coolant shortage warning lamp
- K31 Cruise control system warning lamp
- K105 Reserve fuel warning lamp
- K132 Electronic power control fault lamp
- SB18 Fuse 18 on fuse holder B
- T3az 3-pin connector
- T4aw 4-pin connector
- T6d 6-pin connector
- T8b 8-pin connector
- T32 32-pin connector

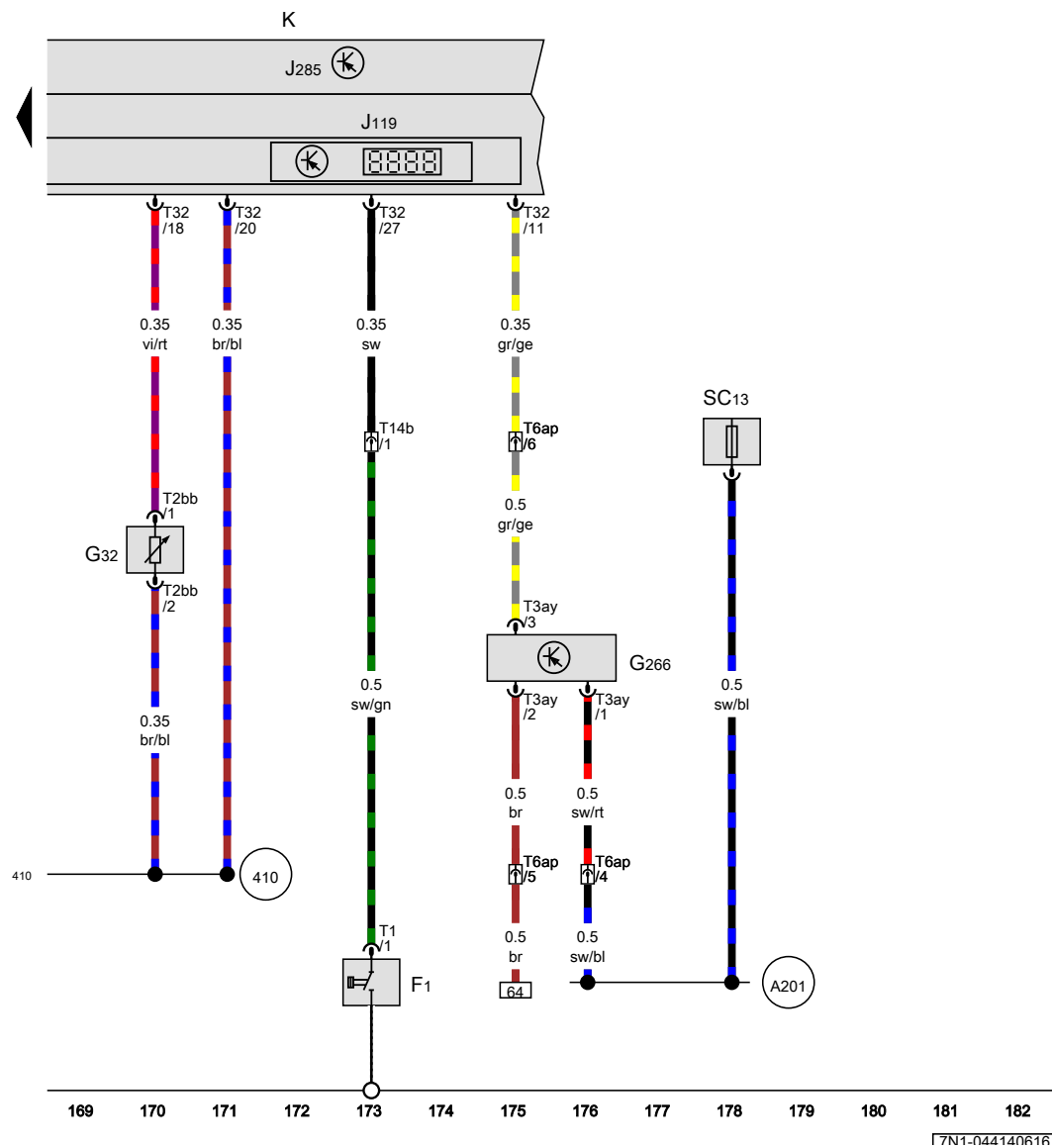
- 391 Earth connection 26, in main wiring harness
- 410 Earth connection 1 (sender earth) in main wiring harness
- 480 Earth connection, in fuel tank wiring harness
- 688 Earth point 2, on centre tunnel

Oil pressure switch, Coolant shortage indicator sender, Dash panel insert

- F1 Oil pressure switch
- G32 Coolant shortage indicator sender
- G266 Oil level and oil temperature sender
- J119 Multifunction indicator
- J285 Control unit in dash panel insert
- K Dash panel insert
- SC13 Fuse 13 on fuse holder C
- T1 Single connector
- T2bb 2-pin connector
- T3ay 3-pin connector
- T6ap 6-pin connector
- T14b 14-pin connector
- T32 32-pin connector

410 Earth connection 1 (sender earth) in main wiring harness

A201 Positive connection 6 (15a) in dash panel wiring harness

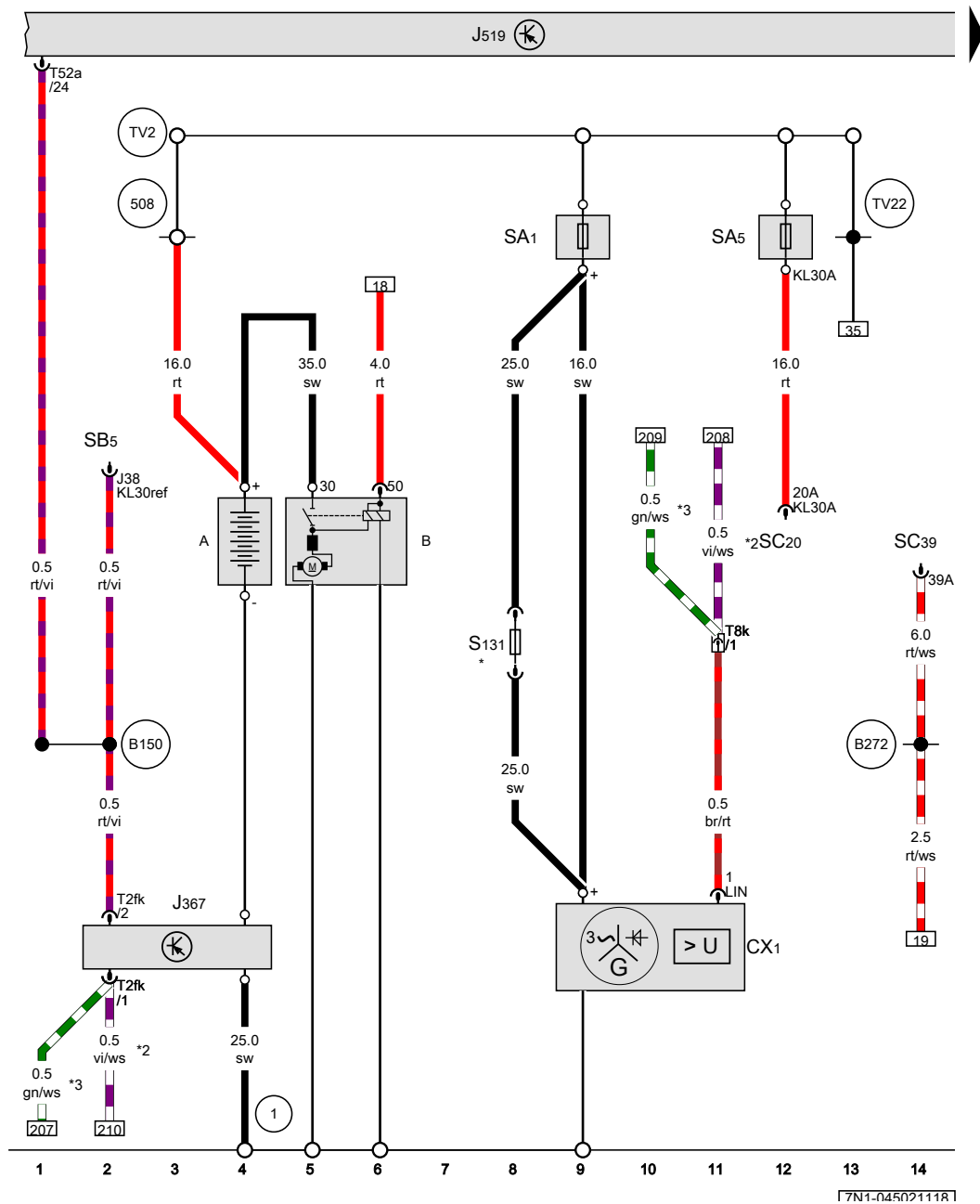


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2.0l diesel engine with start/stop system , CFFA,CFFB,CFFE,CFGB

From May 2011

Battery, Starter, Alternator with voltage regulator, Battery monitor control unit, Onboard supply control unit

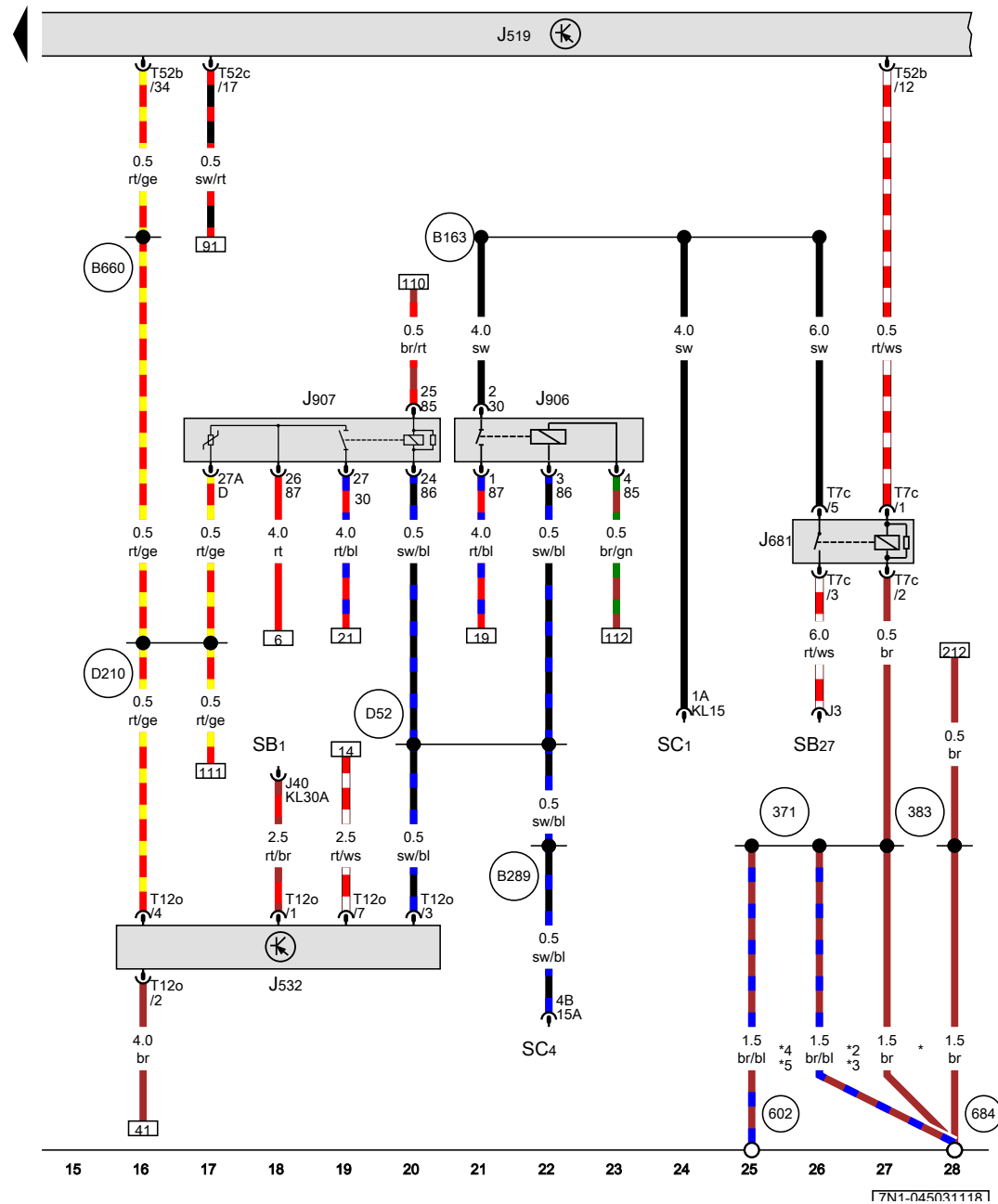


- A Battery
- B Starter
- CX1 Alternator with voltage regulator
- J367 Battery monitor control unit
- J519 Onboard supply control unit
- SA1 Fuse 1 on fuse holder A
- SB5 Fuse 5 on fuse holder B
- SA5 Fuse 5 on fuse holder A
- SC20 Fuse 20 on fuse holder C
- SC39 Fuse 39 on fuse holder C
- S131 Fuse 1, in alternator wire
- T2fk 2-pin connector
- T8k 8-pin connector
- T52a 52-pin connector

- 1 Earth strap, battery - body
- 508 Threaded connection (30) on E-box
- B150 Positive connection 2 (30a), in interior wiring harness
- B272 Positive connection (30), in main wiring harness
- TV2 Terminal 30 wiring junction
- TV22 Terminal 30 wiring junction 2
- * According to equipment
- *2 Up to October 2011
- *3 From November 2011

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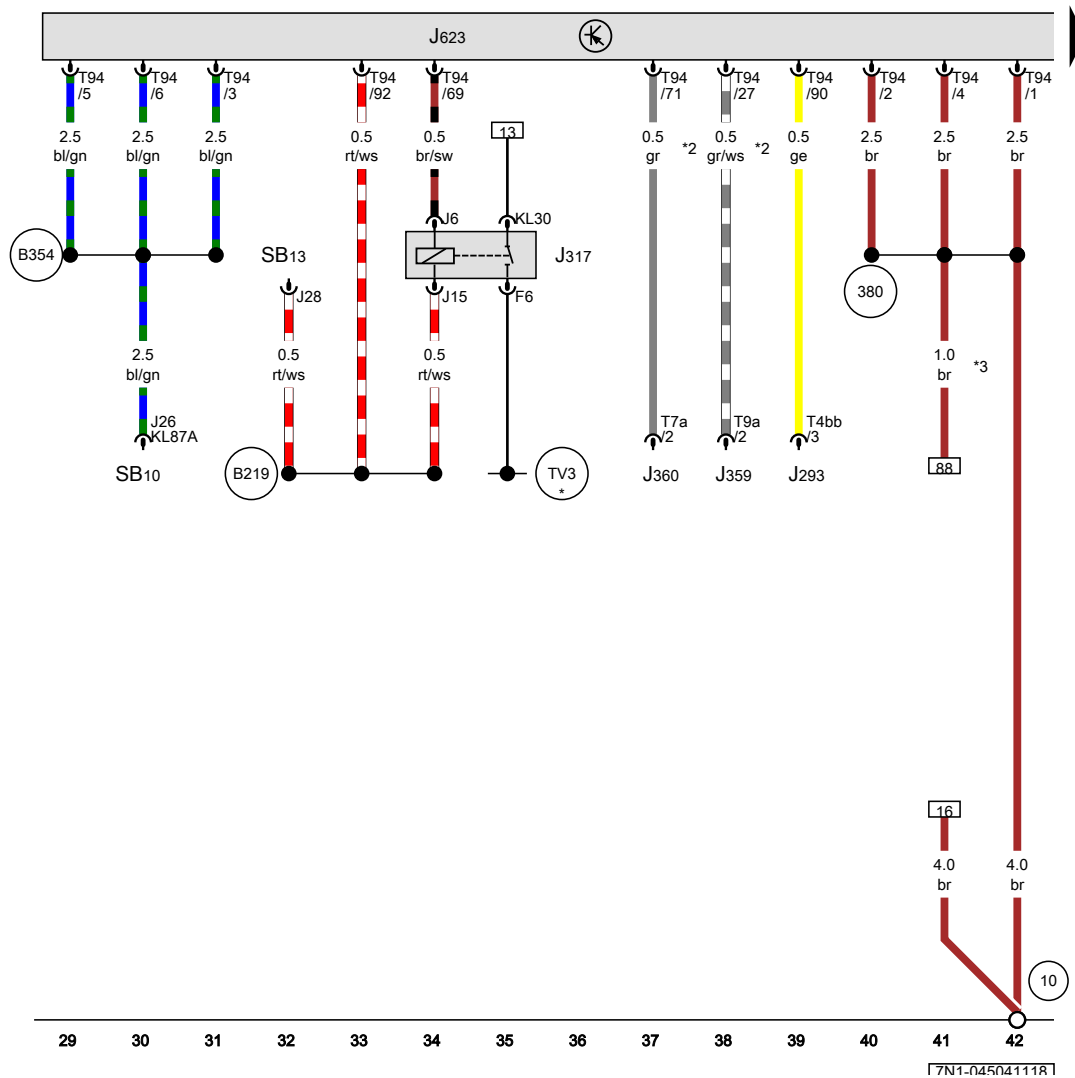
Onboard supply control unit, Voltage stabiliser, Terminal 15 voltage supply relay 2, Starter relay 1, Starter relay 2



- J519 Onboard supply control unit
- J532 Voltage stabiliser
- J681 Terminal 15 voltage supply relay 2
- J906 Starter relay 1
- J907 Starter relay 2
- SB1 Fuse 1 on fuse holder B
- SC1 Fuse 1 on fuse holder C
- SC4 Fuse 4 on fuse holder C
- SB27 Fuse 27 on fuse holder B
- T7c 7-pin connector
- T12o 12-pin connector
- T52b 52-pin connector
- T52c 52-pin connector

- 371 Earth connection 6, in main wiring harness
- 383 Earth connection 18, in main wiring harness
- 602 Earth point, in front left footwell
- 684 Earth point on front of left side member
- B163 Positive connection 1 (15), in interior wiring harness
- B289 Positive connection 13 (15a) in main wiring harness
- B660 Connection (diagnosis terminal 50), in main wiring harness
- D52 Positive connection (15a), in engine compartment wiring harness
- D210 Connection (50), in engine compartment wiring harness
- * Up to May 2011
- *2 From May 2011
- *3 Up to November 2011
- *4 From November 2011
- *5 Up to May 2012

Terminal 30 voltage supply relay, Engine/motor control unit



- J293 Radiator fan control unit
- J317 Terminal 30 voltage supply relay
- J359 Low heat output relay
- J360 High heat output relay
- J623 Engine/motor control unit
- SB10 Fuse 10 on fuse holder B
- SB13 Fuse 13 on fuse holder B
- T4bb 4-pin connector
- T7a 7-pin connector
- T9a 9-pin connector
- T94 94-pin connector

- 10 Earth point, in plenum chamber
- 380 Earth connection 15, in main wiring harness
- B219 Positive connection 4 (30a), in interior wiring harness
- B354 Positive connection 5 (87a) in main wiring harness
- TV3 Terminal 30a wiring junction

- * see applicable current flow diagram for fuse assignment
- *2 For models with auxiliary air heating
- *3 For models with manual gearbox

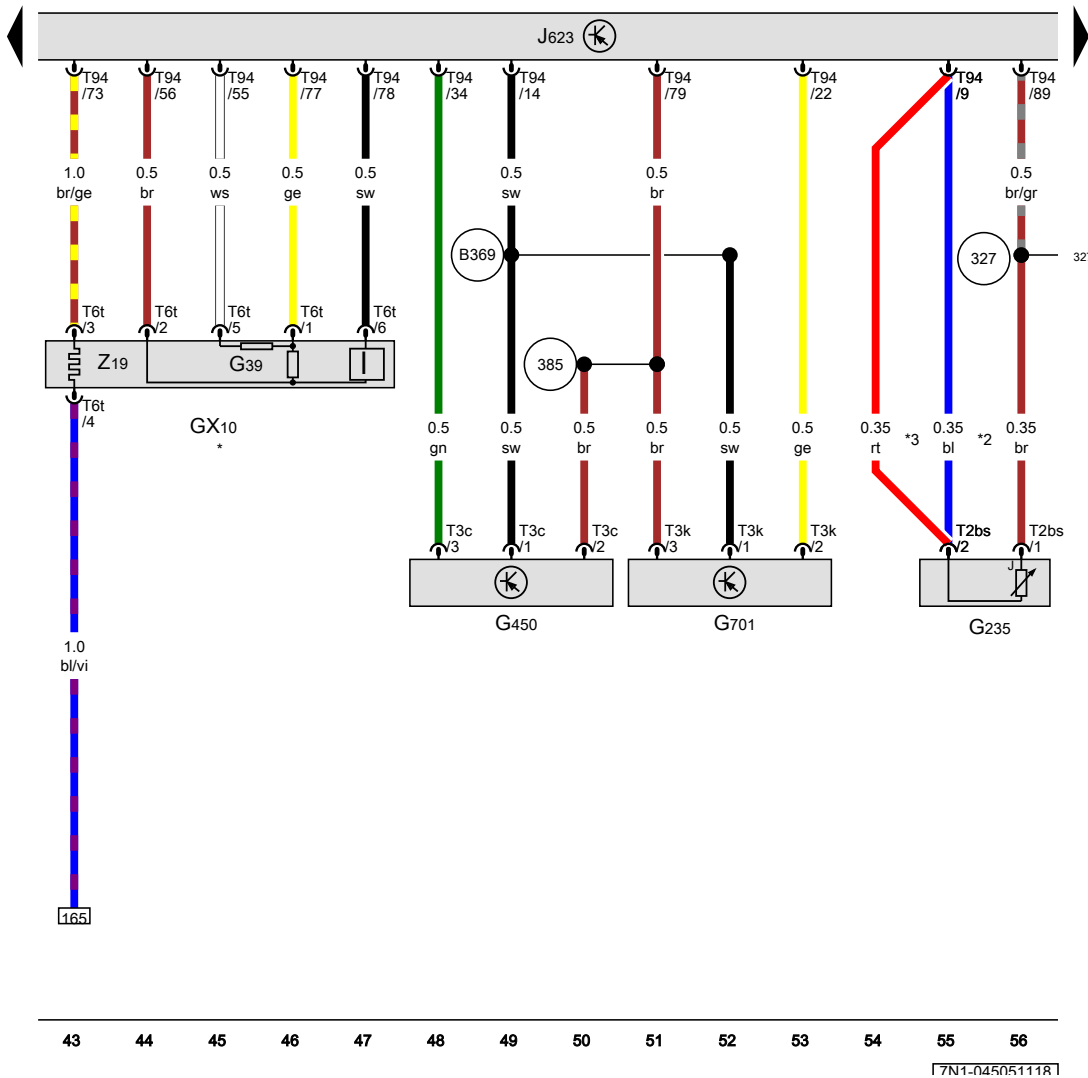
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Lambda probe 1 before catalytic converter, Exhaust gas temperature sender 1, Exhaust gas pressure sensor 1, Gearbox neutral position sender, Engine/motor control unit

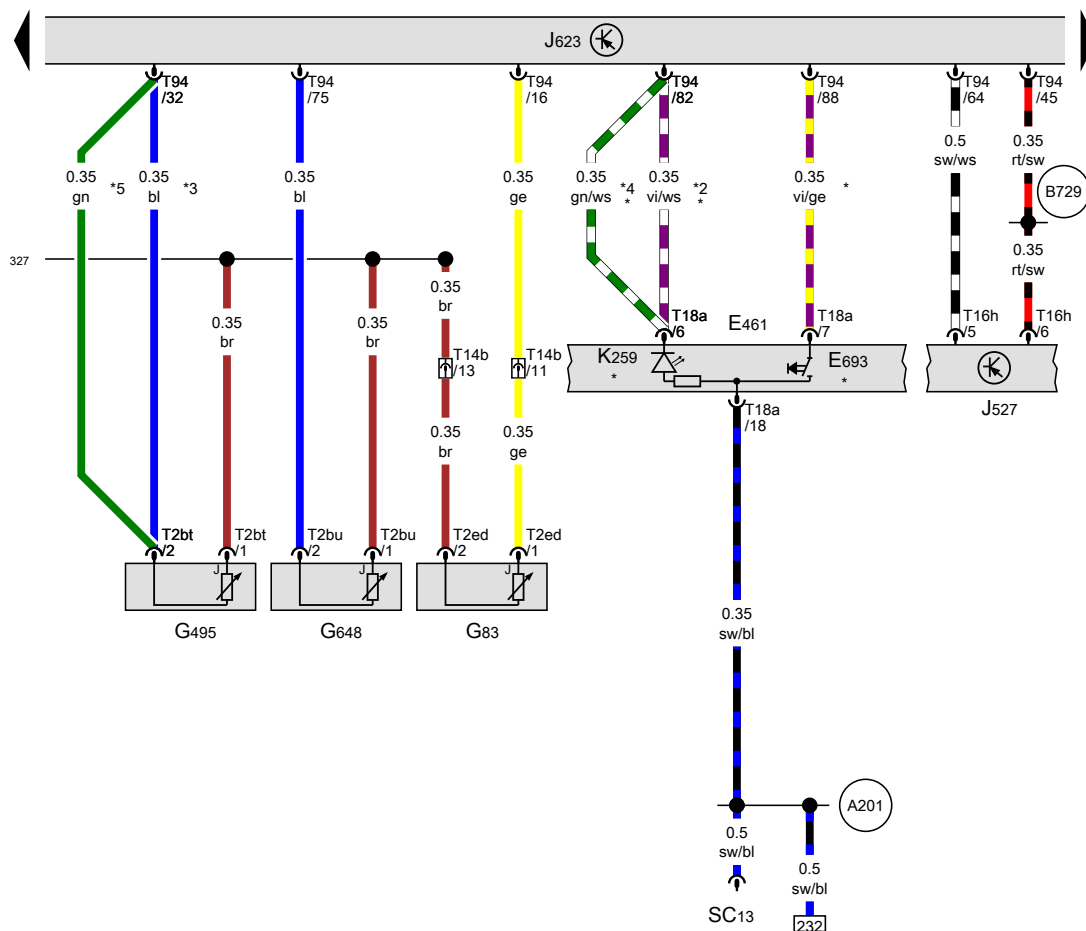
- GX10 Lambda probe 1 before catalytic converter
- G39 Lambda probe
- G235 Exhaust gas temperature sender 1
- G450 Exhaust gas pressure sensor 1
- G701 Gearbox neutral position sender
- J623 Engine/motor control unit
- T2bs 2-pin connector
- T3c 3-pin connector
- T3k 3-pin connector
- T6t 6-pin connector
- T94 94-pin connector
- Z19 Lambda probe heater

- 327 Earth connection (sender earth), in engine compartment wiring harness
- 385 Earth connection 20, in main wiring harness
- B369 Connection 1 (5V), in main wiring harness

- * Pre-wired component
- *2 Up to April 2012
- *3 From May 2012



Operating unit in front of centre console, Start/Stop operation button, Radiator outlet coolant temperature sender, Exhaust gas temperature sender 3, Exhaust gas temperature sender 4, Steering column electronics control unit, Engine/motor control unit



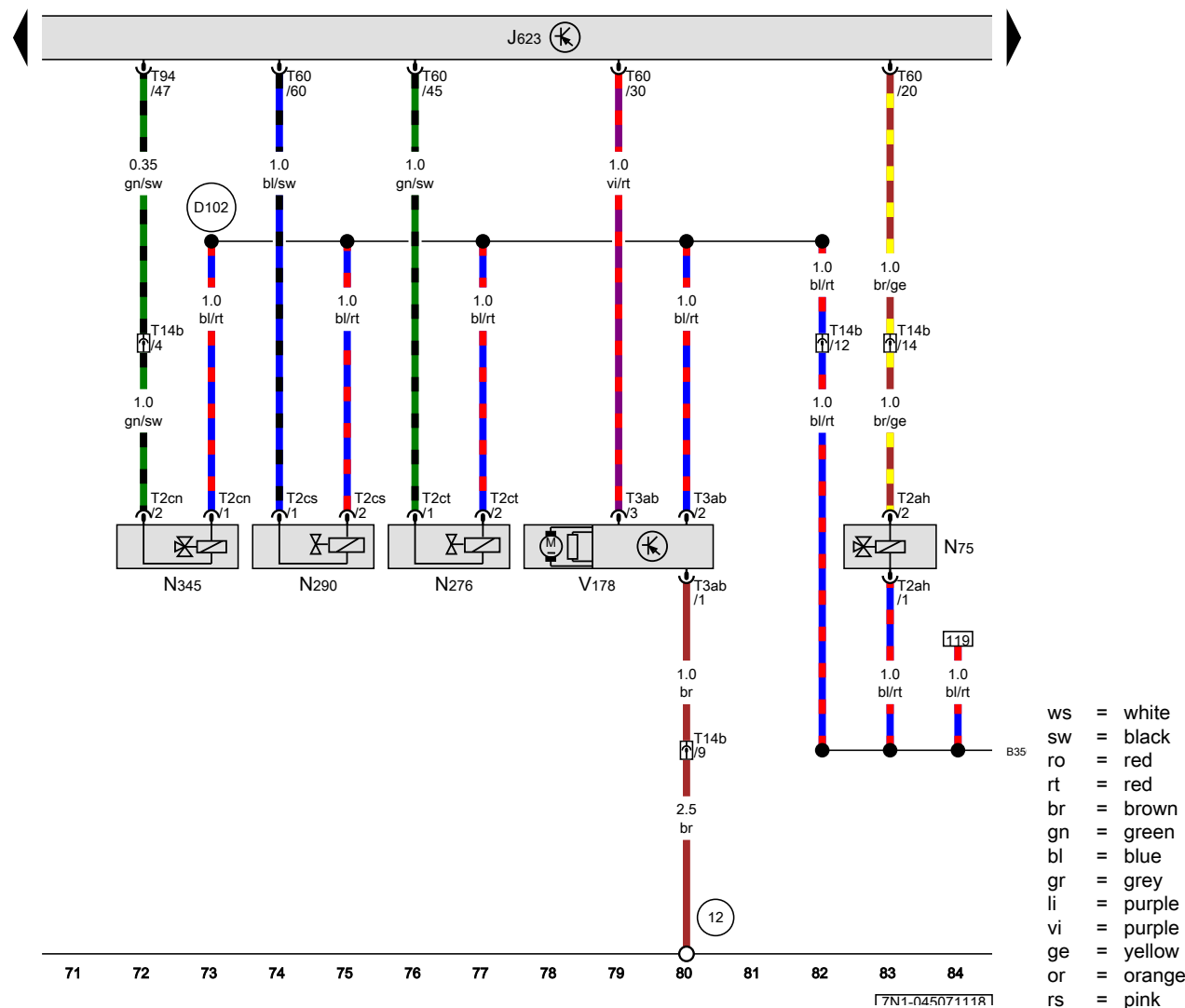
- E461 Operating unit in front of centre console
- E693 Start/Stop operation button
- G83 Radiator outlet coolant temperature sender
- G495 Exhaust gas temperature sender 3
- G648 Exhaust gas temperature sender 4
- J527 Steering column electronics control unit
- J623 Engine/motor control unit
- K259 Start/Stop operation warning lamp
- SC13 Fuse 13 on fuse holder C
- T2bt 2-pin connector
- T2bu 2-pin connector
- T2ed 2-pin connector
- T14b 14-pin connector
- T16h 16-pin connector
- T18a 18-pin connector
- T94 94-pin connector
- 327 Earth connection (sender earth), in engine compartment wiring harness
- A201 Positive connection 6 (15a) in dash panel wiring harness
- B729 Connection 1 (50), in main wiring harness
- * According to equipment
- *2 Up to October 2011
- *3 Up to April 2012
- *4 From November 2011
- *5 From May 2012

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Engine/motor control unit, Charge pressure control solenoid valve, Fuel pressure regulating valve, Fuel metering valve, Exhaust gas recirculation cooler changeover valve, Coolant circulation pump 2

- J623 Engine/motor control unit
- N75 Charge pressure control solenoid valve
- N276 Fuel pressure regulating valve
- N290 Fuel metering valve
- N345 Exhaust gas recirculation cooler changeover valve
- T2ah 2-pin connector
- T2cn 2-pin connector
- T2cs 2-pin connector
- T2ct 2-pin connector
- T3ab 3-pin connector
- T14b 14-pin connector
- T60 60-pin connector
- T94 94-pin connector
- V178 Coolant circulation pump 2

- 12 Earth point, on left in engine compartment
- B356 Positive connection 7 (87a) in main wiring harness
- D102 Connection 2 in engine compartment wiring harness

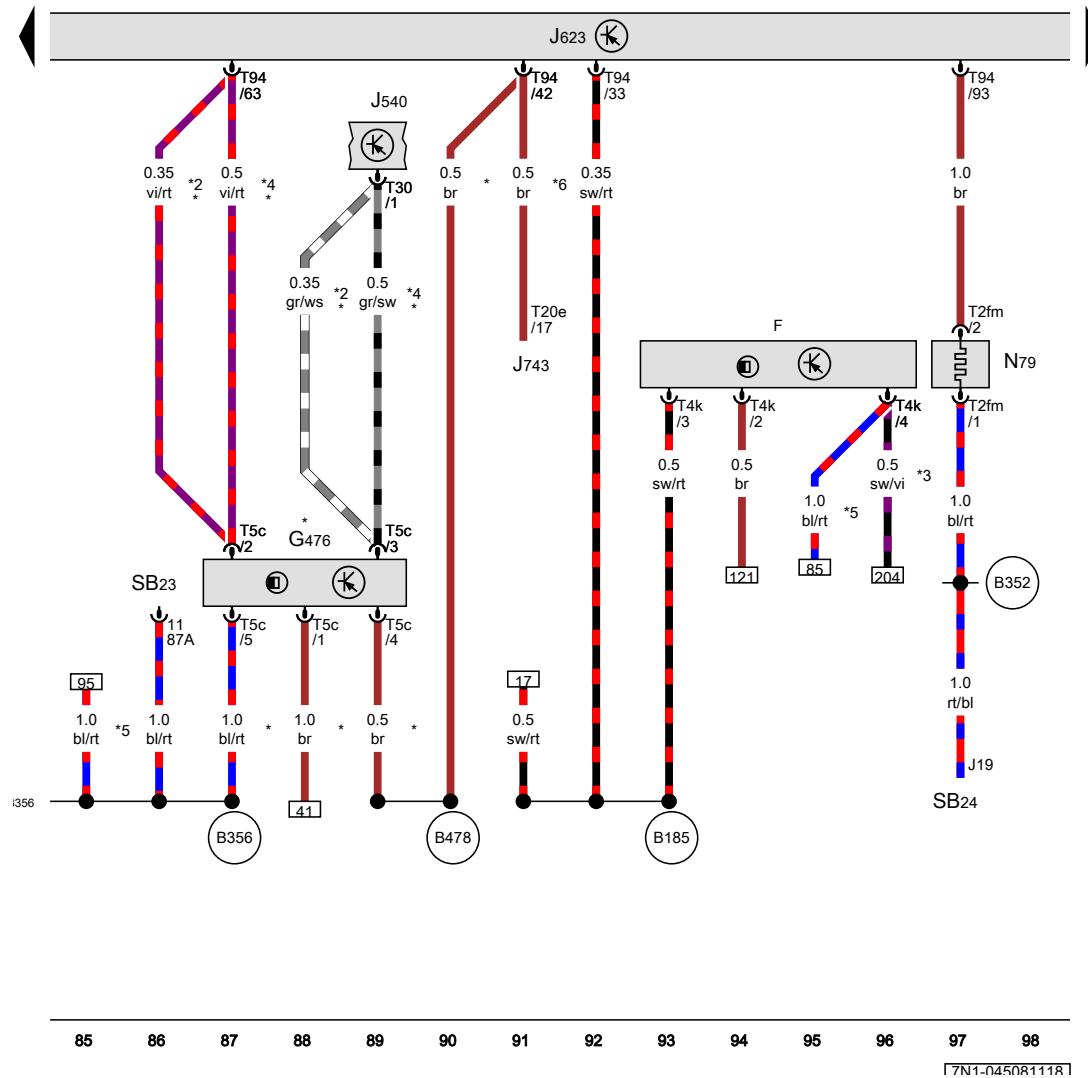


Brake light switch, Clutch position sender, Engine/motor control unit

- F Brake light switch
- G476 Clutch position sender
- J540 Control unit for electromechanical parking brake
- J623 Engine/motor control unit
- J743 Mechatronic unit for dual clutch gearbox
- N79 Heater element for crankcase breather
- SB23 Fuse 23 on fuse holder B
- SB24 Fuse 24 on fuse holder B
- T2fm 2-pin connector
- T4k 4-pin connector
- T5c 5-pin connector
- T20e 20-pin connector
- T30 30-pin connector
- T94 94-pin connector

- B185 Connection 2 (54), in interior wiring harness
- B352 Positive connection 3 (87a) in main wiring harness
- B356 Positive connection 7 (87a) in main wiring harness
- B478 Connection 14, in main wiring harness

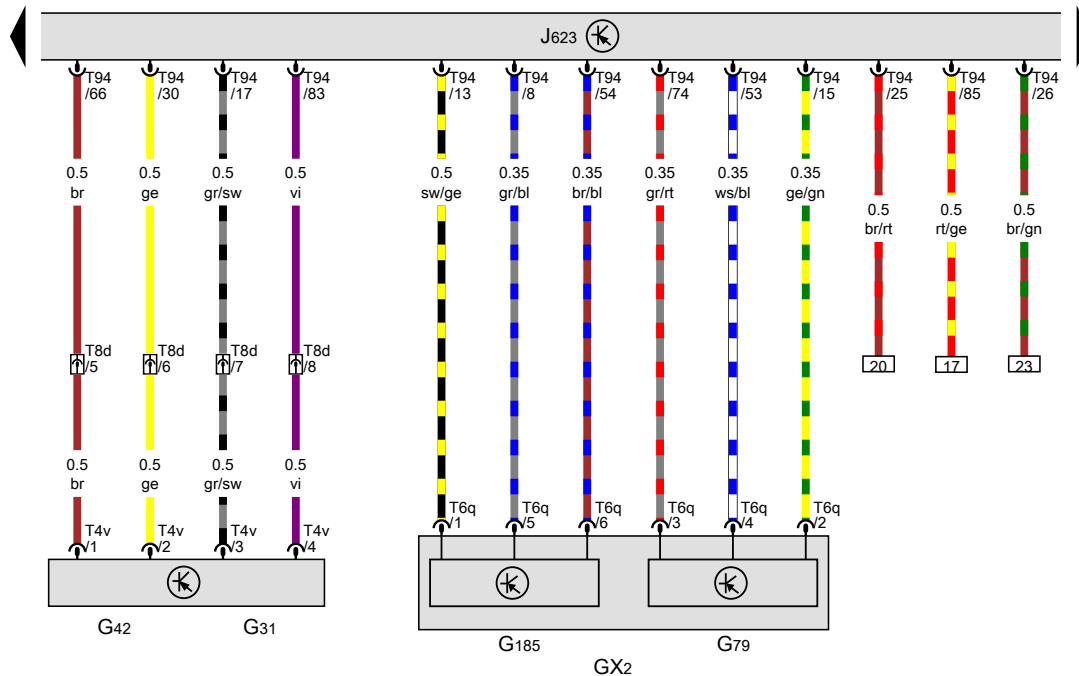
- * For models with manual gearbox
- *2 For left-hand drive models
- *3 Up to October 2011
- *4 For right-hand drive models
- *5 From November 2011
- *6 For models with dual clutch gearbox



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- rs = pink

Accelerator pedal module, Charge pressure sender, Intake air temperature sender, Accelerator position sender, Accelerator position sender 2, Engine/motor control unit

- GX2 Accelerator pedal module
- G31 Charge pressure sender
- G42 Intake air temperature sender
- G79 Accelerator position sender
- G185 Accelerator position sender 2
- J623 Engine/motor control unit
- T4v 4-pin connector
- T6q 6-pin connector
- T8d 8-pin connector
- T94 94-pin connector

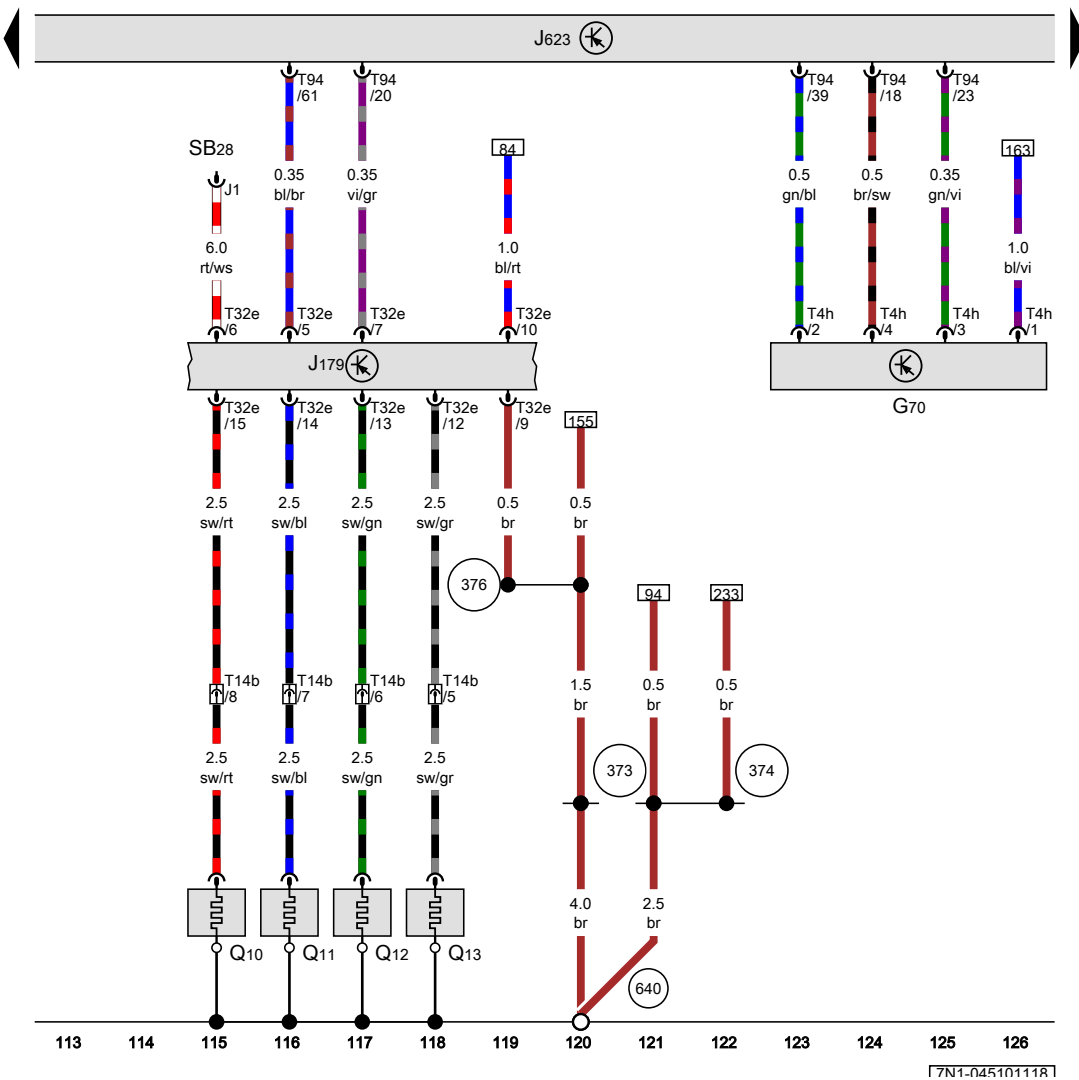


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Air mass meter, Automatic glow period control unit, Engine/motor control unit, Glow plug 1, Glow plug 2, Glow plug 3, Glow plug 4

G70 Air mass meter
J179 Automatic glow period control unit
J623 Engine/motor control unit
Q10 Glow plug 1
Q11 Glow plug 2
Q12 Glow plug 3
Q13 Glow plug 4
SB28 Fuse 28 on fuse holder B
T4h 4-pin connector
T14b 14-pin connector
T32e 32-pin connector
T94 94-pin connector

373 Earth connection 8, in main wiring harness
374 Earth connection 9, in main wiring harness
376 Earth connection 11, in main wiring harness
640 Earth point 2, left in engine compartment



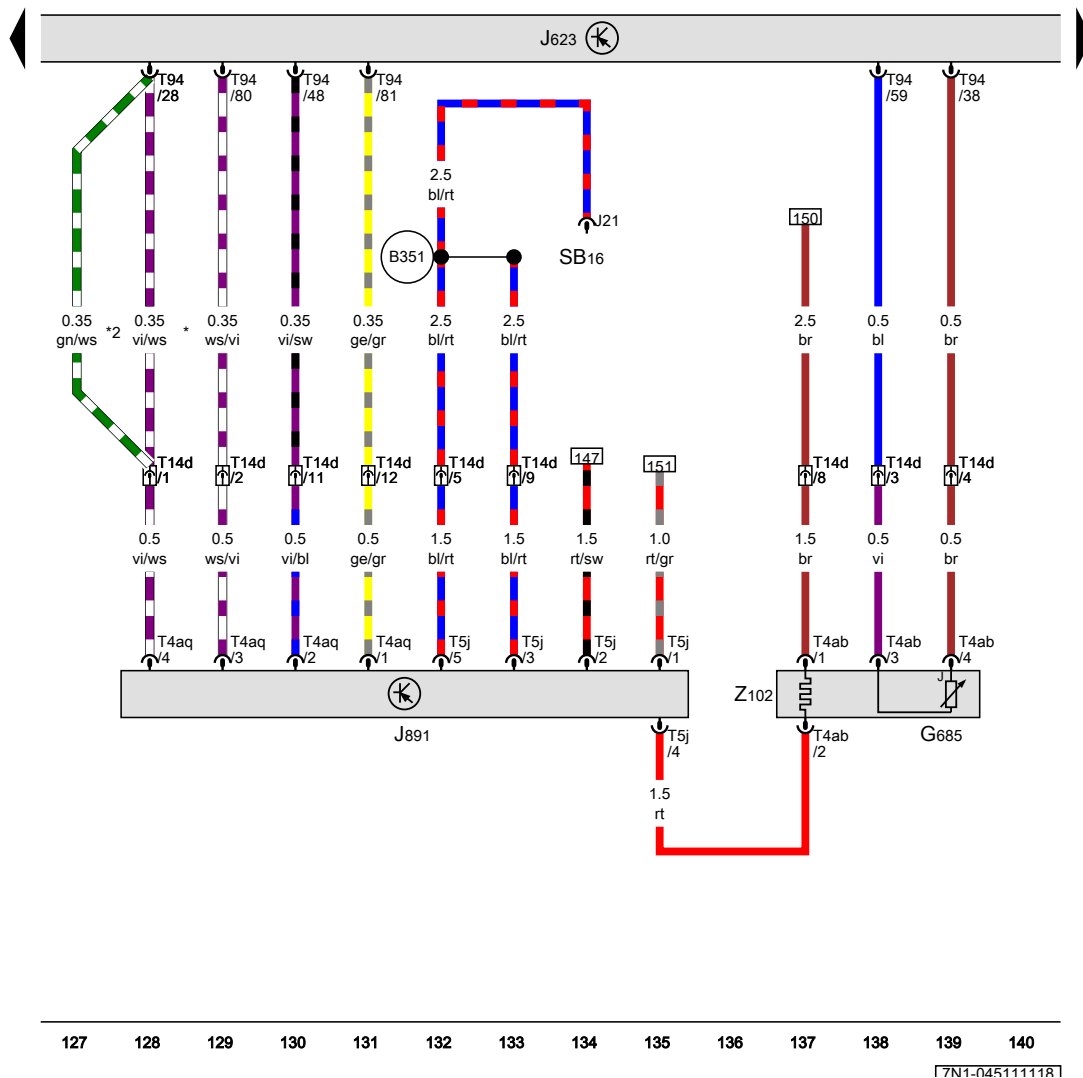
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Temperature sender for reducing agent, Engine/motor control unit, Control unit for reducing agent heater

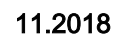
- G685 Temperature sender for reducing agent
- J623 Engine/motor control unit
- J891 Control unit for reducing agent heater
- SB16 Fuse 16 on fuse holder B
- T4ab 4-pin connector
- T4aq 4-pin connector, black
- T5j 5-pin connector, black
- T14d 14-pin connector, black
- T94 94-pin connector
- Z102 Heater for reducing agent tank (heater circuit 1)

B351 Positive connection 2 (87a) in main wiring harness

- * Up to October 2011
- *2 From November 2011



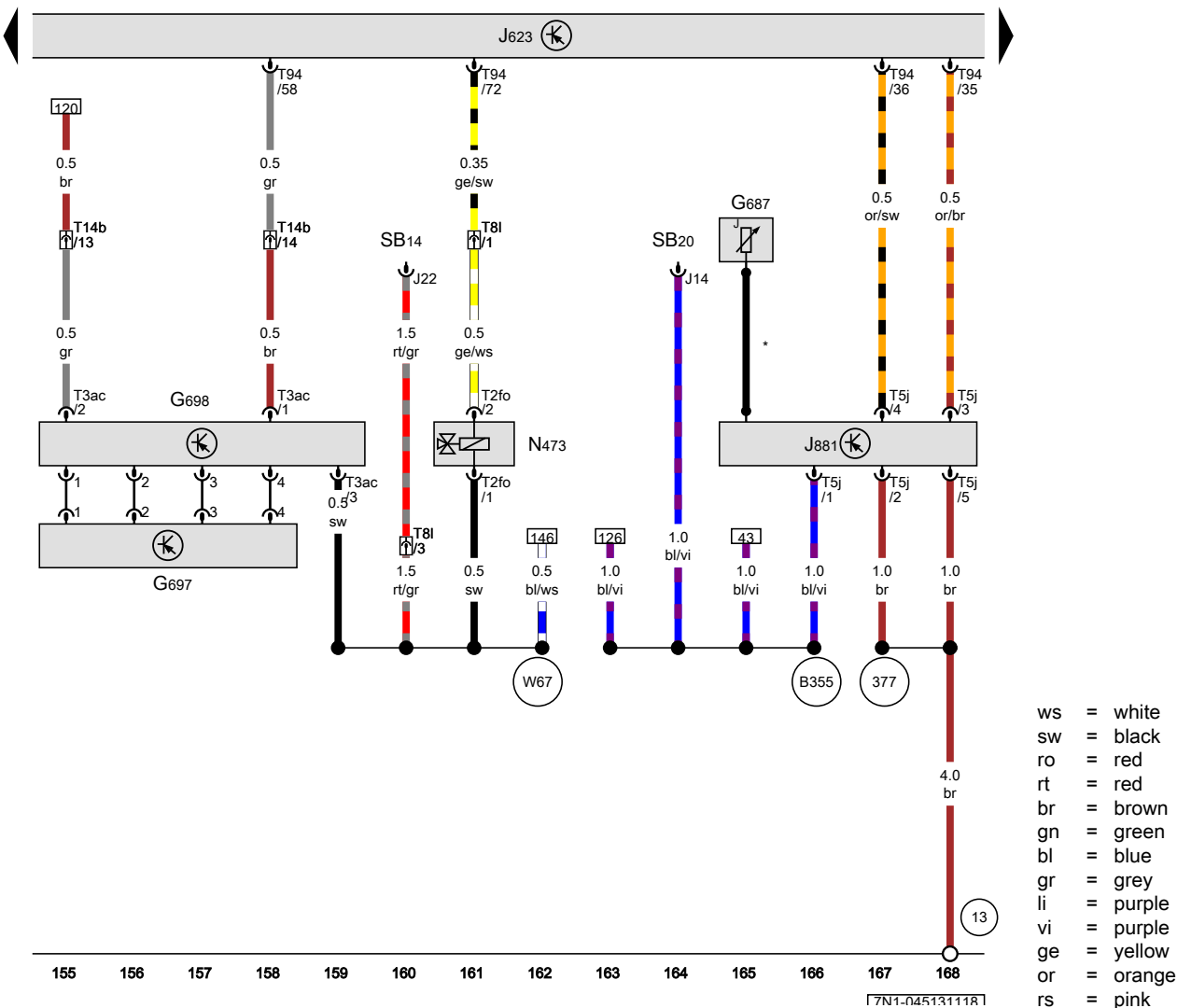
- 50 Earth point, on left in luggage compartment
- 336 Earth connection 1, in floor wiring harness
- 394 Earth connection 29, in main wiring harness
- B466 Connection 2, in main wiring harness



NOx sender 2, Reducing agent level sender, Evaluation unit for reducing agent level, Engine/motor control unit, Control unit for NOx sender 2

- G687 NOx sender 2
- G697 Reducing agent level sender
- G698 Evaluation unit for reducing agent level
- J623 Engine/motor control unit
- J881 Control unit for NOx sender 2
- N473 Reversing valve for reducing agent
- SB14 Fuse 14 on fuse holder B
- SB20 Fuse 20 on fuse holder B
- T2fo 2-pin connector
- T3ac 3-pin connector
- T5j 5-pin connector
- T8l 8-pin connector
- T14b 14-pin connector
- T94 94-pin connector

- 13 Earth point, on right in engine compartment
- 377 Earth connection 12, in main wiring harness
- B355 Positive connection 6 (87a) in main wiring harness
- W67 Connection (87), in floor wiring harness
- * Adapter wire

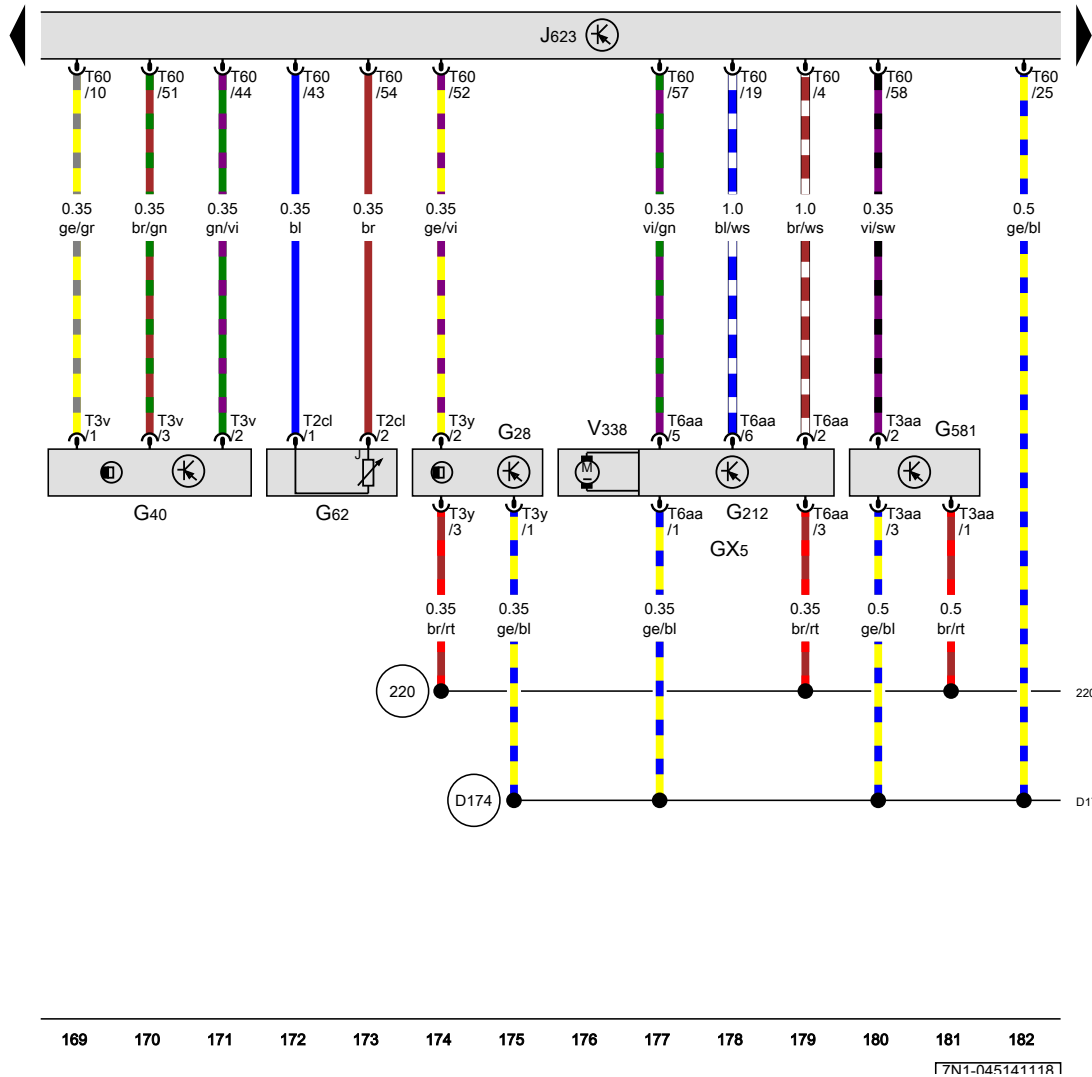


Exhaust gas recirculation valve 1, Engine speed sender, Hall sender, Coolant temperature sender, Exhaust gas recirculation potentiometer, Position sender for charge pressure positioner, Engine/motor control unit, Exhaust gas recirculation control motor

- GX5 Exhaust gas recirculation valve 1
- G28 Engine speed sender
- G40 Hall sender
- G62 Coolant temperature sender
- G212 Exhaust gas recirculation potentiometer
- G581 Position sender for charge pressure positioner
- J623 Engine/motor control unit
- T2cl 2-pin connector
- T3aa 3-pin connector
- T3v 3-pin connector
- T3y 3-pin connector
- T6aa 6-pin connector
- T60 60-pin connector
- V338 Exhaust gas recirculation control motor

220 Earth connection (sender earth), in engine wiring harness

D174 Connection 2 (5V) in engine prewiring harness

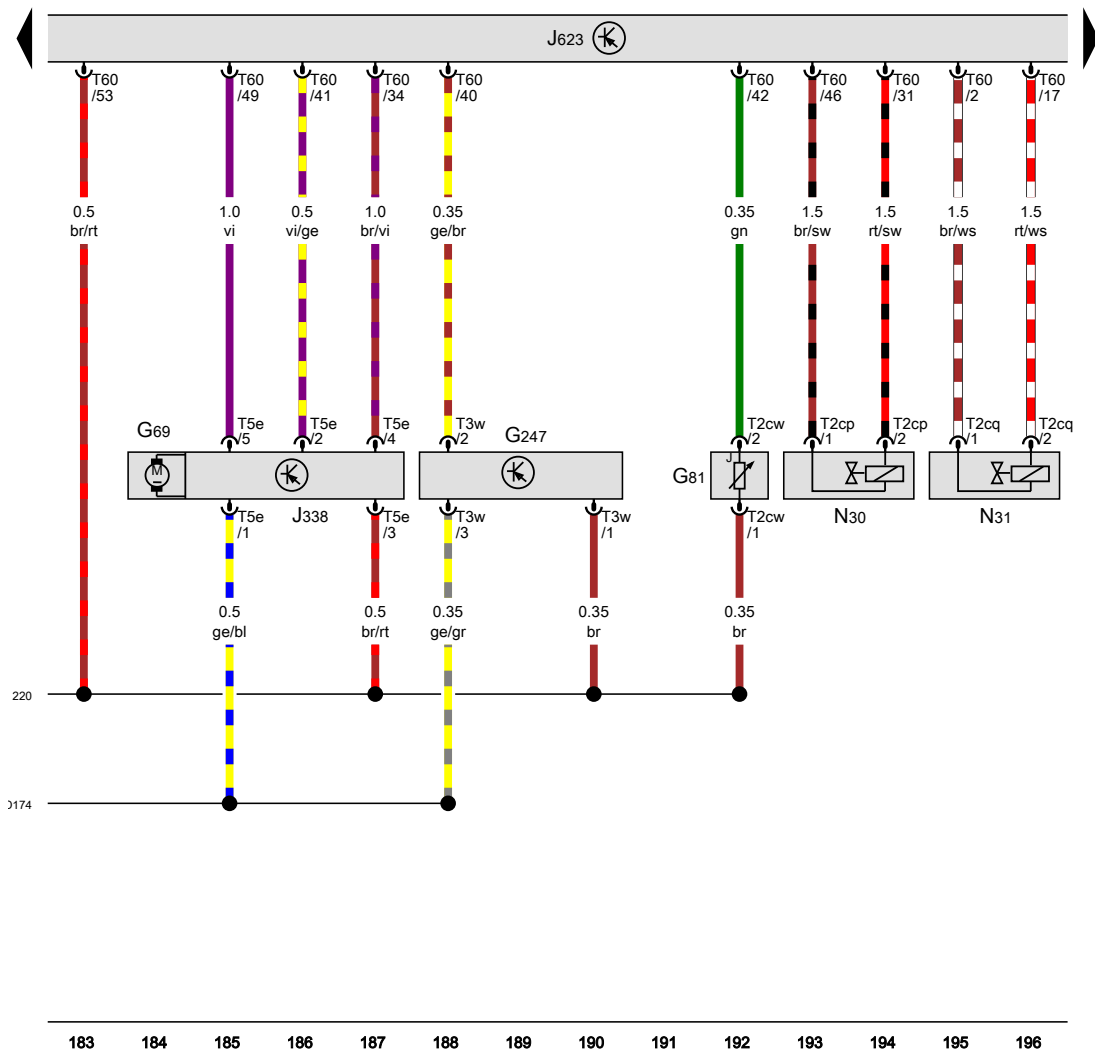


Throttle valve potentiometer, Fuel temperature sender, Fuel pressure sender, Throttle valve module, Engine/motor control unit, Injector, cylinder 1, Injector, cylinder 2

- G69 Throttle valve potentiometer
- G81 Fuel temperature sender
- G247 Fuel pressure sender
- J338 Throttle valve module
- J623 Engine/motor control unit
- N30 Injector, cylinder 1
- N31 Injector, cylinder 2
- T2cp 2-pin connector
- T2cq 2-pin connector
- T2cw 2-pin connector
- T3w 3-pin connector
- T5e 5-pin connector
- T60 60-pin connector

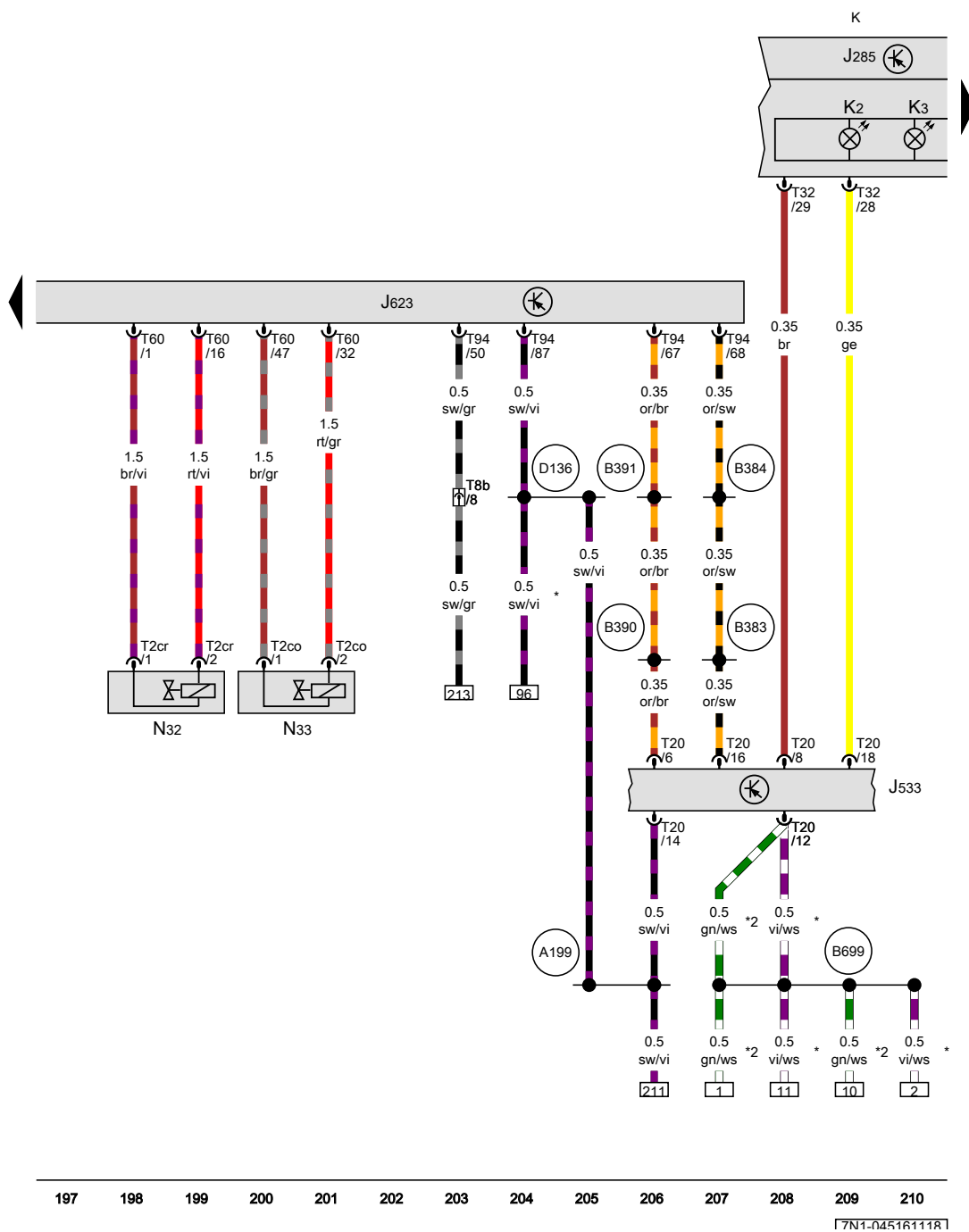
220 Earth connection (sender earth), in engine wiring harness

D174 Connection 2 (5V) in engine prewiring harness



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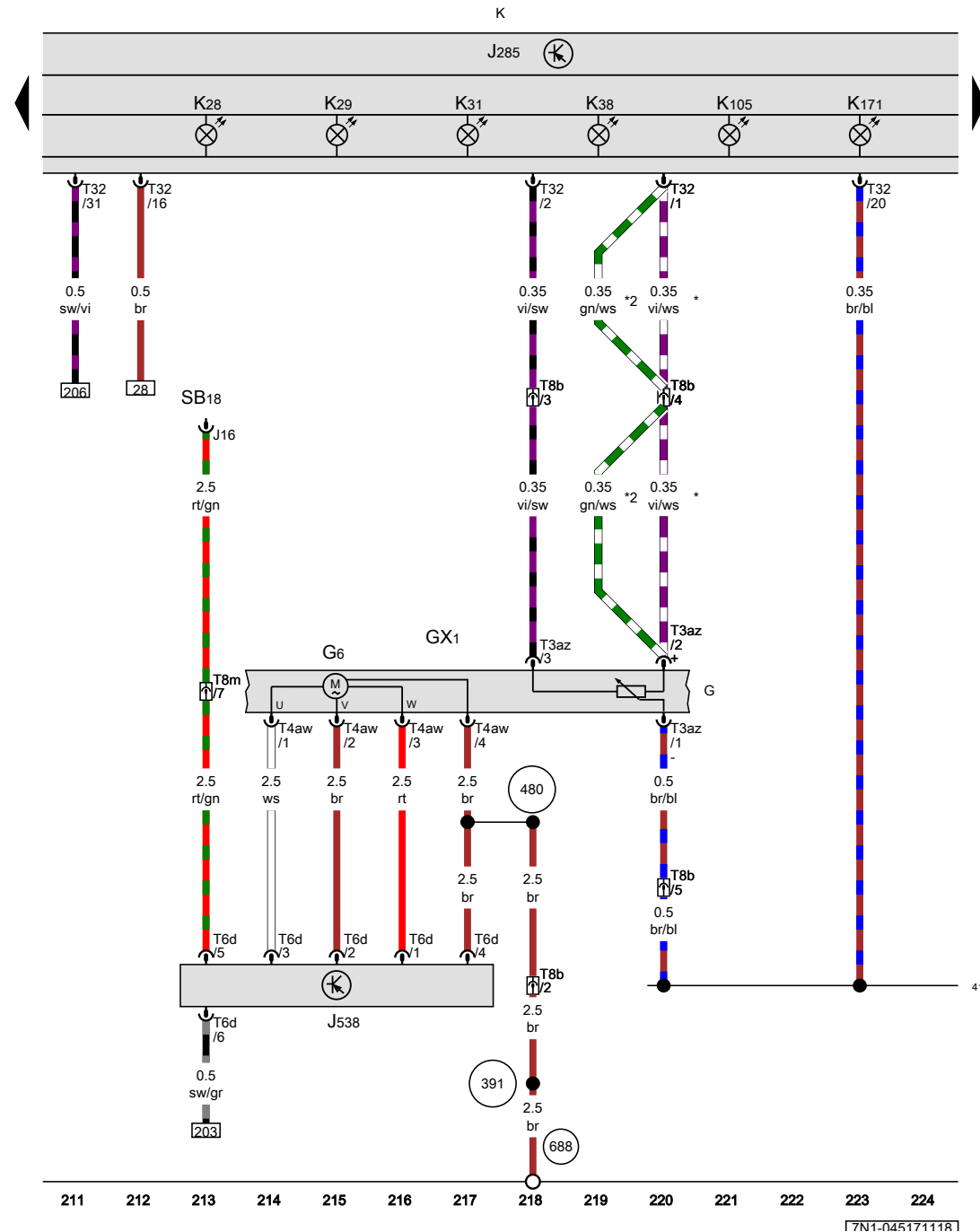
17N1-045151118



Control unit in dash panel insert, Data bus diagnostic interface, Engine/motor control unit, Injector, cylinder 3, Injector, cylinder 4

- J285 Control unit in dash panel insert
- J533 Data bus diagnostic interface
- J623 Engine/motor control unit
- K Dash panel insert
- K2 Alternator warning lamp
- K3 Oil pressure warning lamp
- N32 Injector, cylinder 3
- N33 Injector, cylinder 4
- T2co 2-pin connector
- T2cr 2-pin connector
- T8b 8-pin connector
- T20 20-pin connector
- T32 32-pin connector
- T60 60-pin connector
- T94 94-pin connector

- A199 Positive connection 4 (15a) in dash panel wiring harness
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B384 Connection 2 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- B391 Connection 2 (powertrain CAN bus, low), in main wiring harness
- B699 Connection 4 (LIN bus) in main wiring harness
- D136 Positive connection 2 (15a), in engine compartment wiring harness
- * Up to October 2011
- *2 From November 2011



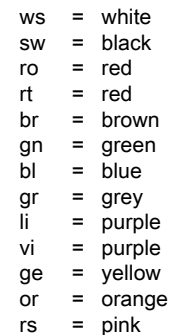
Fuel delivery unit, Control unit in dash panel insert, Fuel pump control unit

- G Fuel gauge sender
- GX1 Fuel delivery unit
- G6 Fuel system pressurisation pump
- J285 Control unit in dash panel insert
- J538 Fuel pump control unit
- K Dash panel insert
- K28 Coolant temperature and coolant shortage warning lamp
- K29 Glow period warning lamp
- K31 Cruise control system warning lamp
- K38 Oil level warning lamp
- K105 Reserve fuel warning lamp
- K171 Bonnet open warning lamp
- SB18 Fuse 18 on fuse holder B
- T3az 3-pin connector
- T4aw 4-pin connector
- T6d 6-pin connector
- T8b 8-pin connector
- T8m 8-pin connector
- T32 32-pin connector

- 391 Earth connection 26, in main wiring harness
- 411 Earth connection 2 (sender earth) in main wiring harness
- 480 Earth connection, in fuel tank wiring harness
- 688 Earth point 2, on centre tunnel

* Up to October 2011
*2 From November 2011

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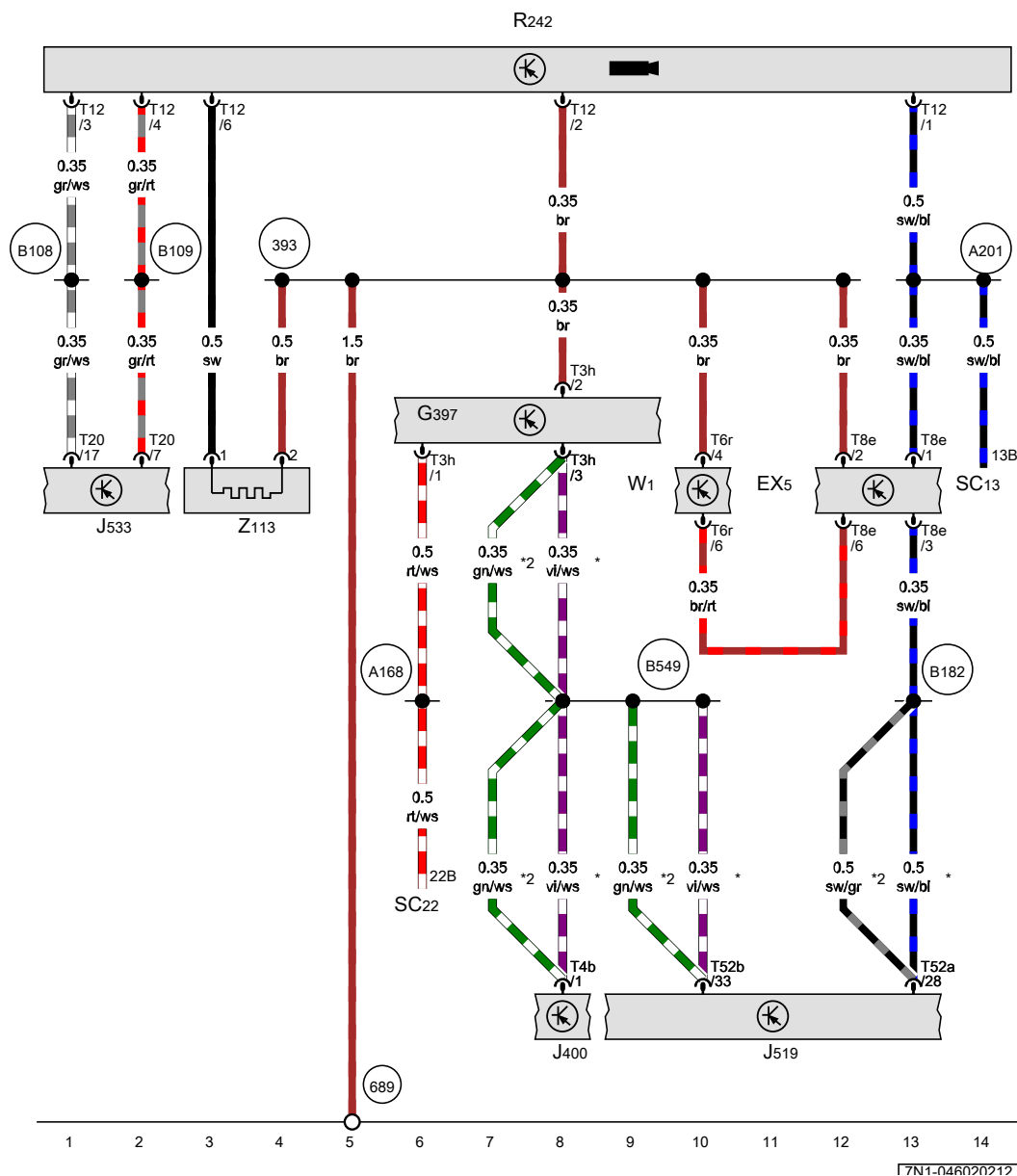


(411) Earth connection 2 (sender earth) in main wiring harness

Front camera for driver assist systems

From May 2011

Front camera for driver assist systems, Windscreen heater for front sensors



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- EX5 Interior mirror
- G397 Rain and light sensor
- J400 Wiper motor control unit
- J519 Onboard supply control unit
- J533 Data bus diagnostic interface
- R242 Front camera for driver assist systems
- SC13 Fuse 13 on fuse holder C
- SC22 Fuse 22 on fuse holder C
- T3h 3-pin connector
- T4b 4-pin connector
- T6r 6-pin connector
- T8e 8-pin connector
- T12 12-pin connector
- T20 20-pin connector
- T52a 52-pin connector
- T52b 52-pin connector
- W1 Front interior light
- Z113 Windscreen heater for front sensors

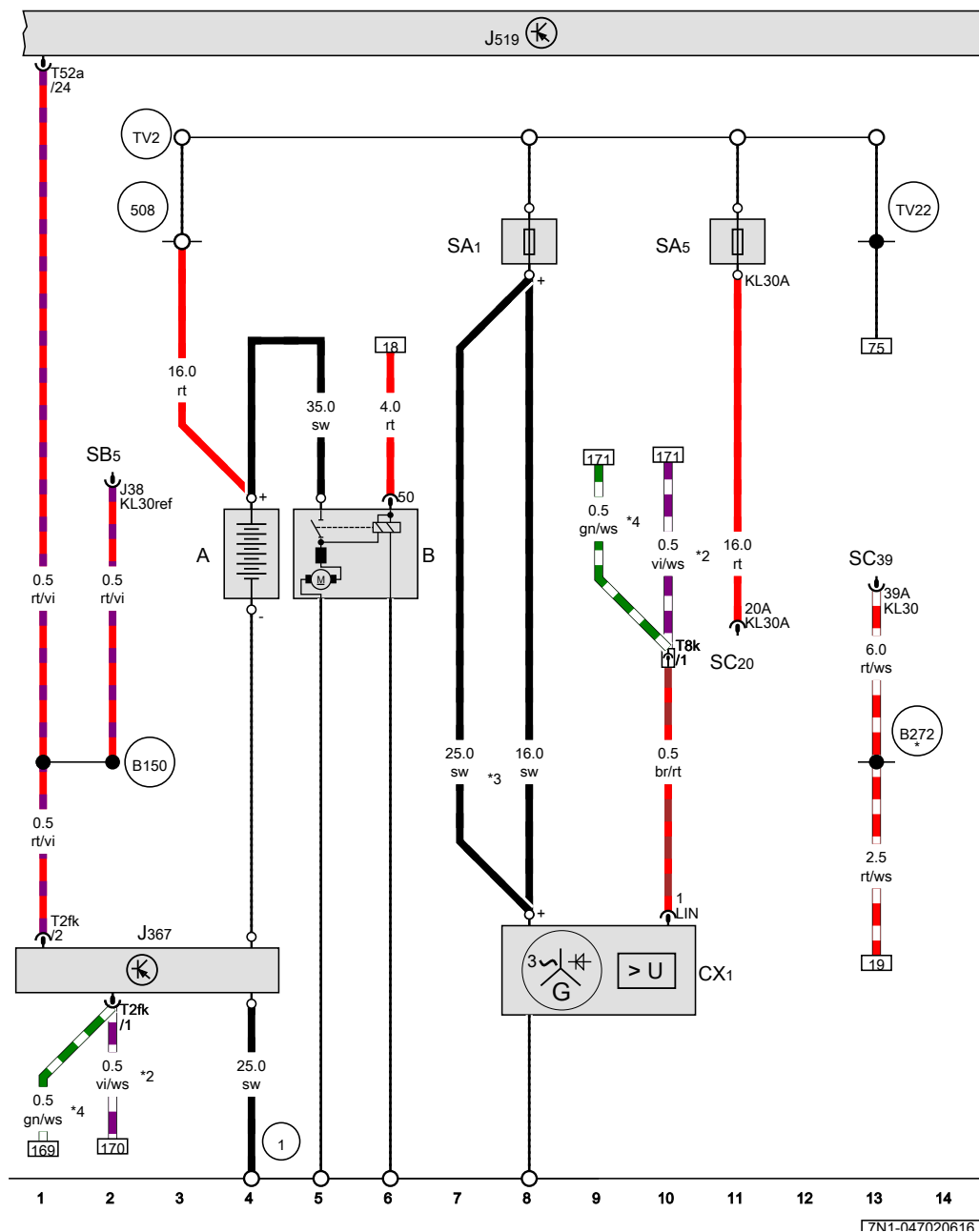
- 393 Earth connection 28, in main wiring harness
- 689 Earth point, at front, central in roof
- A168 Positive connection 4 (30a) in dash panel wiring harness
- A201 Positive connection 6 (15a) in dash panel wiring harness
- B108 Connection 1 (CAN bus extended high), in main wiring harness
- B109 Connection 1 (CAN bus extended low), in main wiring harness
- B182 Connection (RL), in interior wiring harness
- B549 Connection 2 (LIN bus) in main wiring harness

* Up to November 2011
 *2 From November 2011

1.4l petrol engine with start/stop system , CAVA,CNWB

From May 2011

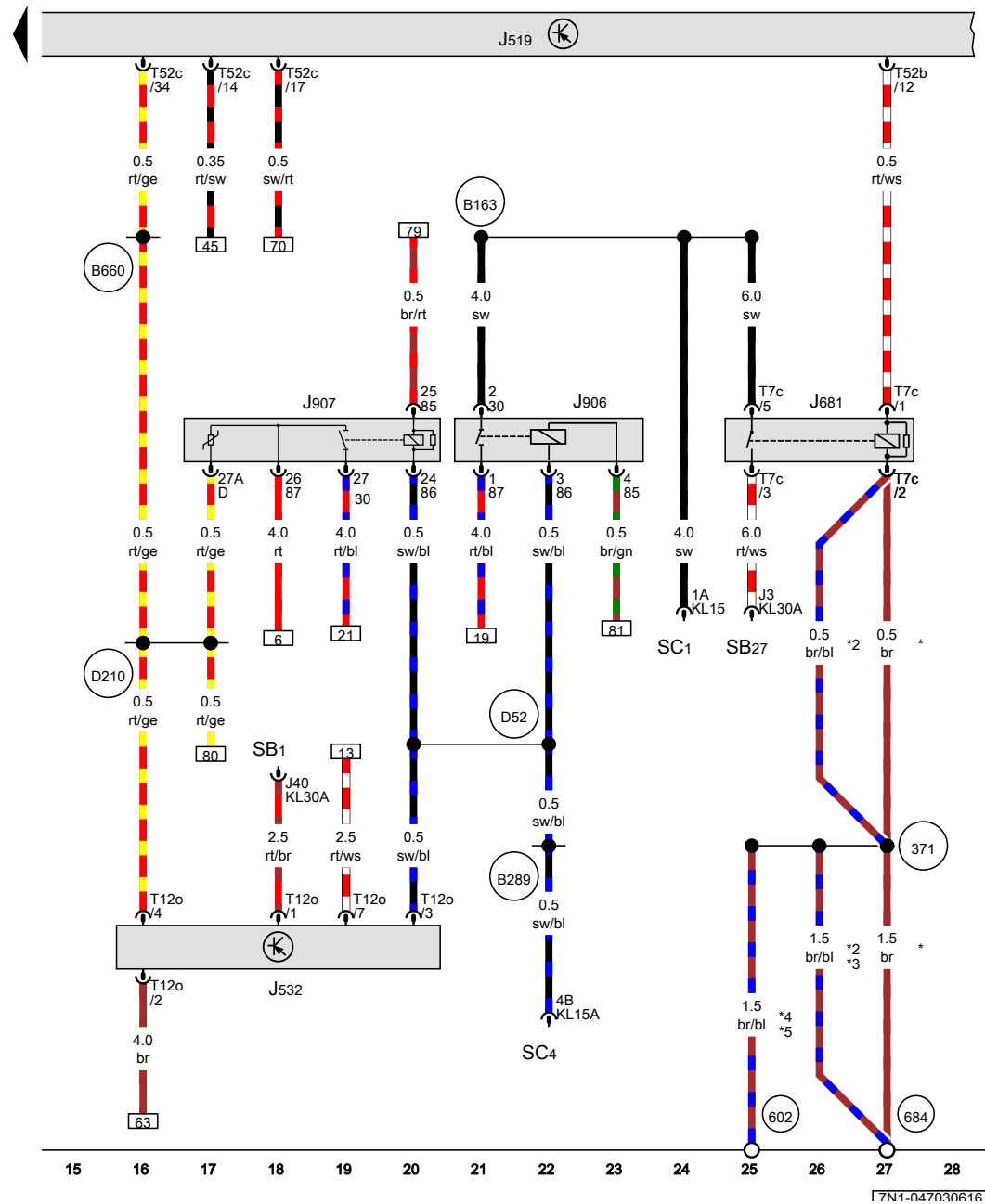
Battery, Starter, Alternator with voltage regulator, Battery monitor control unit, Onboard supply control unit



- A Battery
- B Starter
- CX1 Alternator with voltage regulator
- J367 Battery monitor control unit
- J519 Onboard supply control unit
- SA1 Fuse 1 in fuse holder A
- SB5 Fuse 5 on fuse holder B
- SA5 Fuse 5 in fuse holder A
- SC20 Fuse 20 on fuse holder C
- SC39 Fuse 39 on fuse holder C
- T2fk 2-pin connector
- T8k 8-pin connector
- T52a 52-pin connector

- 1 Earth strap, battery - body
- 508 Threaded connection (30) on E-box
- B150 Positive connection 2 (30a), in interior wiring harness
- B272 Positive connection (30), in main wiring harness
- TV2 Terminal 30 wiring junction
- TV22 Terminal 30 wiring junction 2
- * see applicable current flow diagram for fuse assignment
- *2 Up to October 2011
- *3 Only models with 140 A/ 180 A alternator
- *4 From November 2011

Onboard supply control unit, Voltage stabiliser, Terminal 15 voltage supply relay 2, Starter relay 1, Starter relay 2



- J519 Onboard supply control unit
- J532 Voltage stabiliser
- J681 Terminal 15 voltage supply relay 2
- J906 Starter relay 1
- J907 Starter relay 2
- SB1 Fuse 1 on fuse holder B
- SC1 Fuse 1 on fuse holder C
- SC4 Fuse 4 on fuse holder C
- SB27 Fuse 27 on fuse holder B
- T7c 7-pin connector
- T12o 12-pin connector
- T52b 52-pin connector
- T52c 52-pin connector
- 371 Earth connection 6, in main wiring harness
- 602 Earth point, in front left footwell
- 684 Earth point on front of left side member
- B163 Positive connection 1 (15), in interior wiring harness
- B289 Positive connection 13 (15a) in main wiring harness
- B660 Connection (diagnosis terminal 50), in main wiring harness
- D52 Positive connection (15a), in engine compartment wiring harness
- D210 Connection (50), in engine compartment wiring harness
- * Up to April 2011
- *2 From May 2011
- *3 Up to November 2011
- *4 From November 2011
- *5 Up to May 2012

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 bl = blue
 gr = grey
 li = purple
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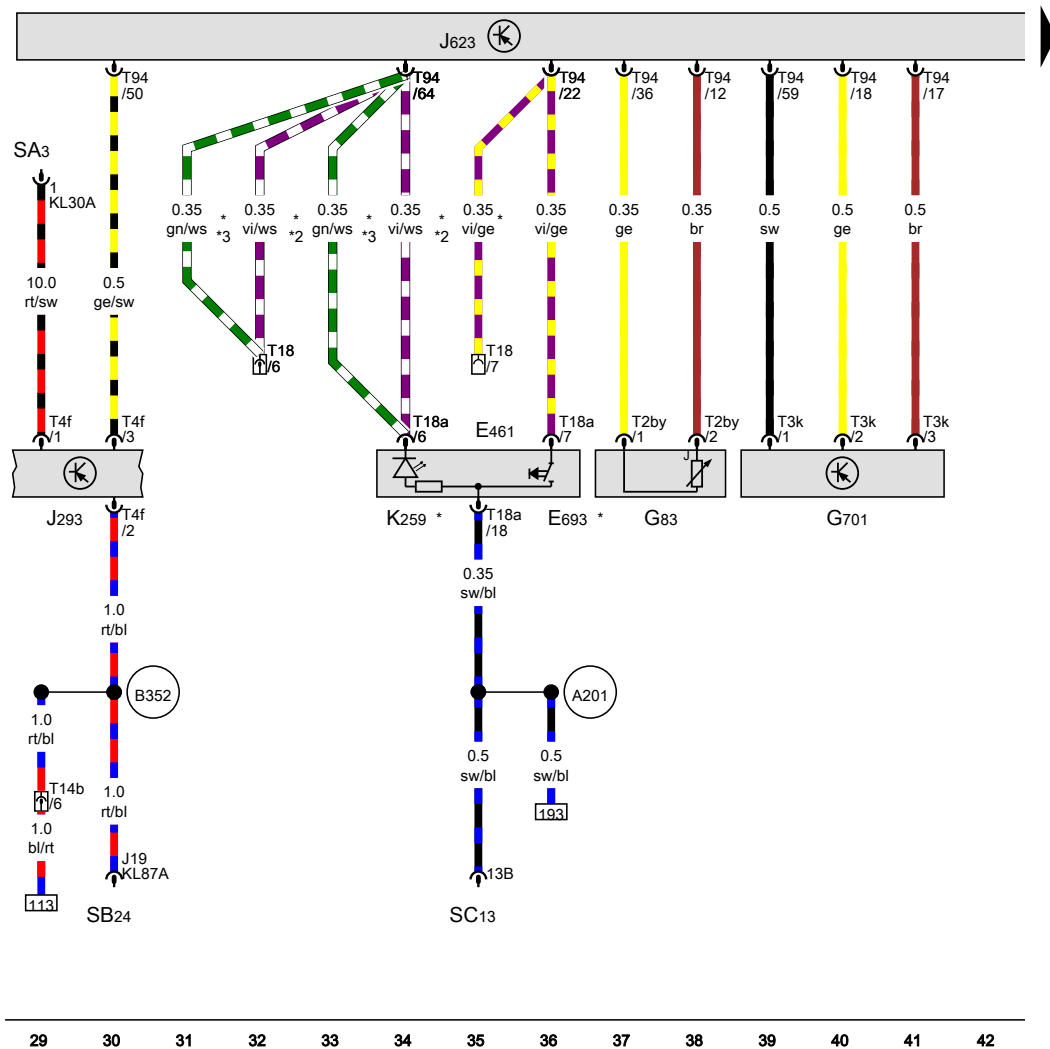
Operating unit in front of centre console, Start/Stop operation button, Radiator outlet coolant temperature sender, Gearbox neutral position sender, Engine control unit

- E461 Operating unit in front of centre console
- E693 Start/Stop operation button
- G83 Radiator outlet coolant temperature sender
- G701 Gearbox neutral position sender
- J293 Radiator fan control unit
- J623 Engine control unit
- K259 Start/Stop operation warning lamp
- SA3 Fuse 3 in fuse holder A
- SC13 Fuse 13 on fuse holder C
- SB24 Fuse 24 on fuse holder B
- T2by 2-pin connector
- T3k 3-pin connector
- T4f 4-pin connector
- T14b 14-pin connector
- T18 18-pin connector
- T18a 18-pin connector
- T94 94-pin connector

A201 Positive connection 6 (15a) in dash panel wiring harness

B352 Positive connection 3 (87a) in main wiring harness


- * According to equipment
- *2 Up to October 2011
- *3 From November 2011

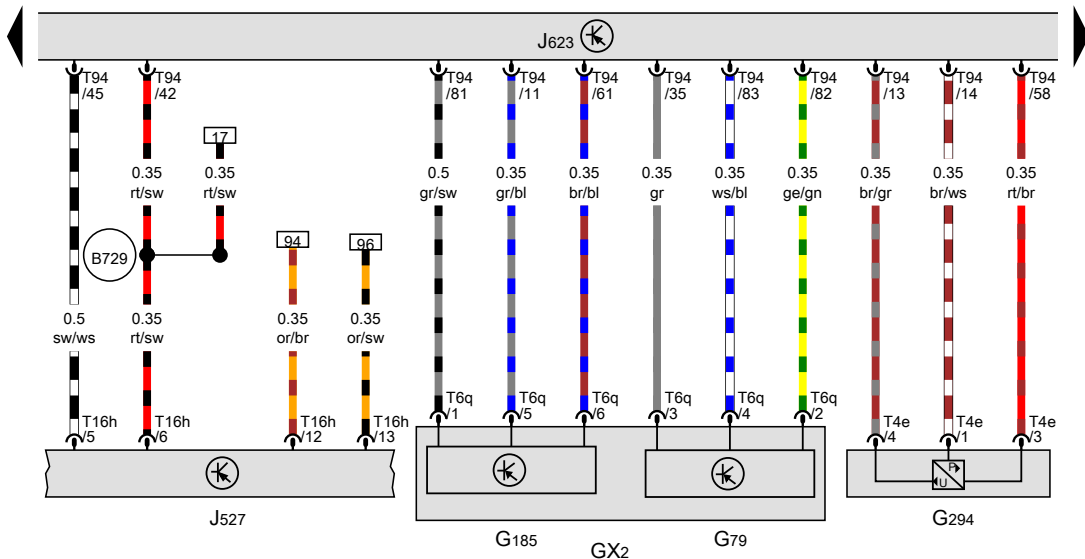


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Accelerator pedal module, Accelerator position sender,
Brake servo pressure sensor, Steering column electronics
control unit, Engine control unit

- GX2 Accelerator pedal module
- G79 Accelerator position sender
- G185 Accelerator position sender 2
- G294 Brake servo pressure sensor
- J527 Steering column electronics control unit
- J623 Engine control unit
- T4e 4-pin connector
- T6q 6-pin connector
- T16h 16-pin connector
- T94 94-pin connector

 Connection 1 (50), in main wiring harness



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43 44 45 46 47 48 49 50 51 52 53 54 55 56

17N1-0470506161

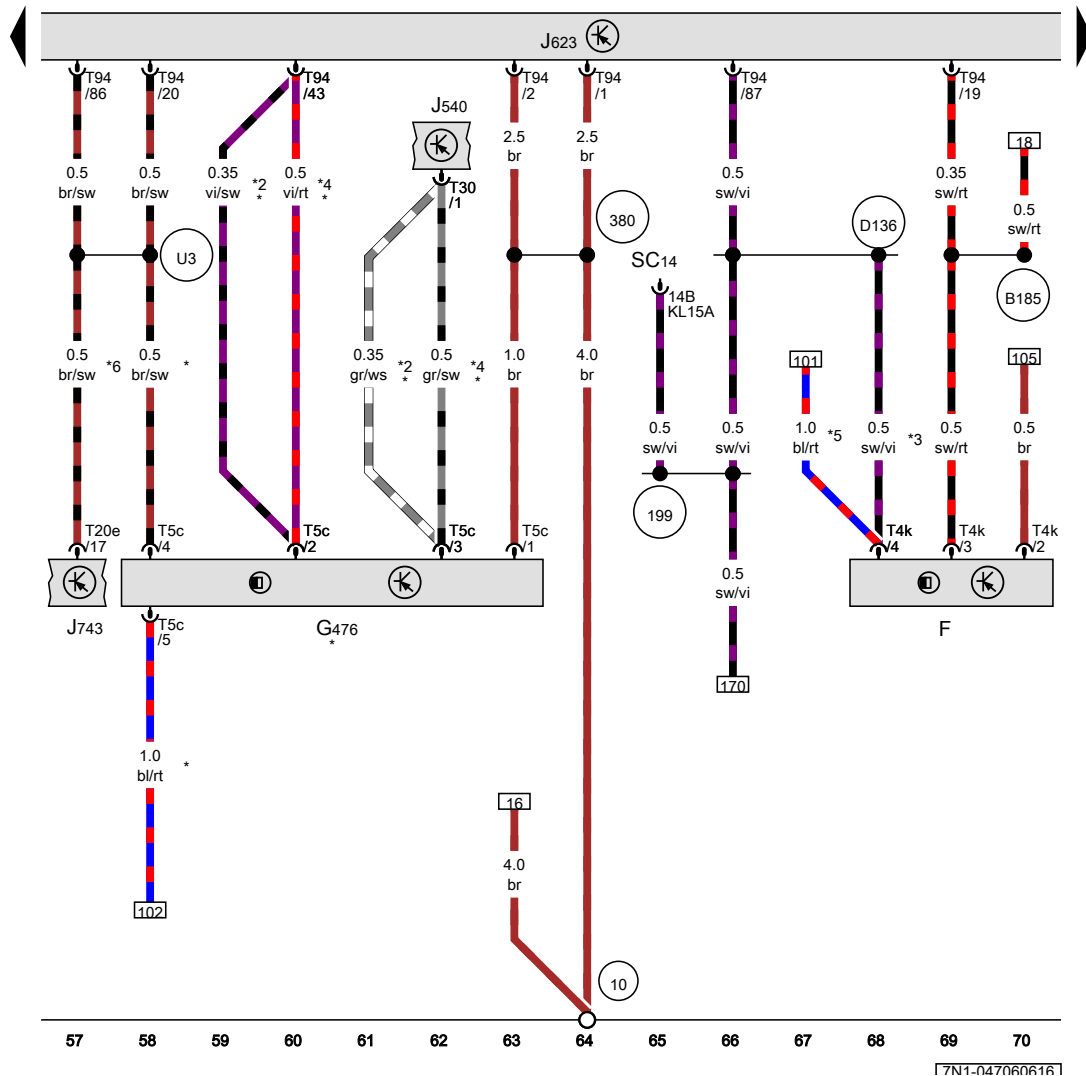
Brake light switch, Clutch position sender, Engine control unit

- F Brake light switch
- G476 Clutch position sender
- J540 Control unit for electromechanical parking brake
- J623 Engine control unit
- J743 Mechatronic unit for dual clutch gearbox
- SC14 Fuse 14 on fuse holder C
- T4k 4-pin connector
- T5c 5-pin connector
- T20e 20-pin connector
- T30 30-pin connector
- T94 94-pin connector

- 10 Earth point, in plenum chamber
- 199 Earth connection 3, in dash panel wiring harness
- 380 Earth connection 15, in main wiring harness
- B185 Connection 2 (54), in interior wiring harness
- D136 Positive connection 2 (15a), in engine compartment wiring harness
- U3 Connection 1, in automatic gearbox wiring harness

- * Only models with manual gearbox
- *2 Only left-hand drive models
- *3 Up to October 2011
- *4 Only right-hand drive models
- *5 From November 2011
- *6 Only models with dual clutch gearbox

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Main relay, Engine control unit, Magnetic clutch for supercharger

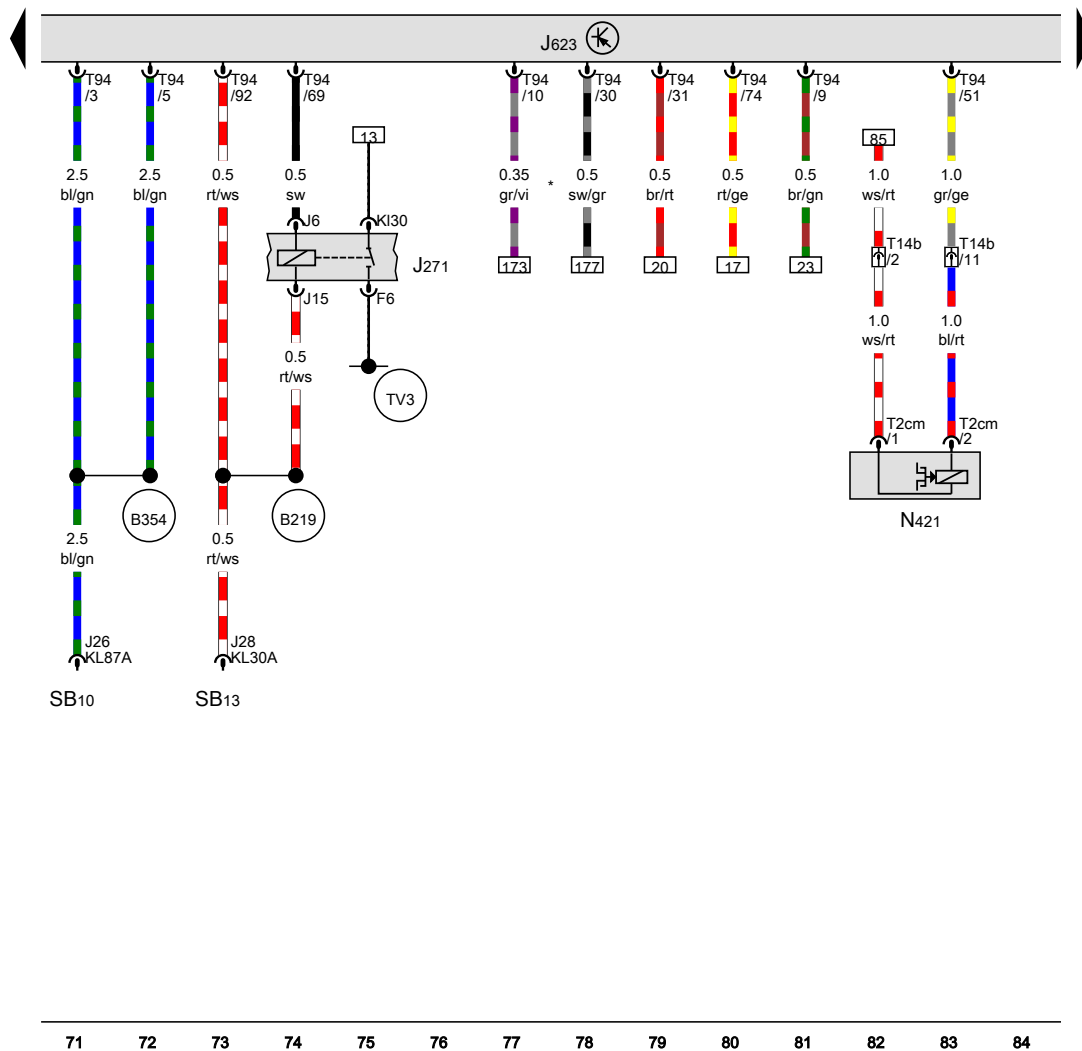
- J271 Main relay
- J623 Engine control unit
- N421 Magnetic clutch for supercharger
- SB10 Fuse 10 on fuse holder B
- SB13 Fuse 13 on fuse holder B
- T2cm 2-pin connector
- T14b 14-pin connector
- T94 94-pin connector

B219 Positive connection 4 (30a), in interior wiring harness

B354 Positive connection 5 (87a) in main wiring harness

TV3 Terminal 30a wiring junction

* Only models with equipment for Japan



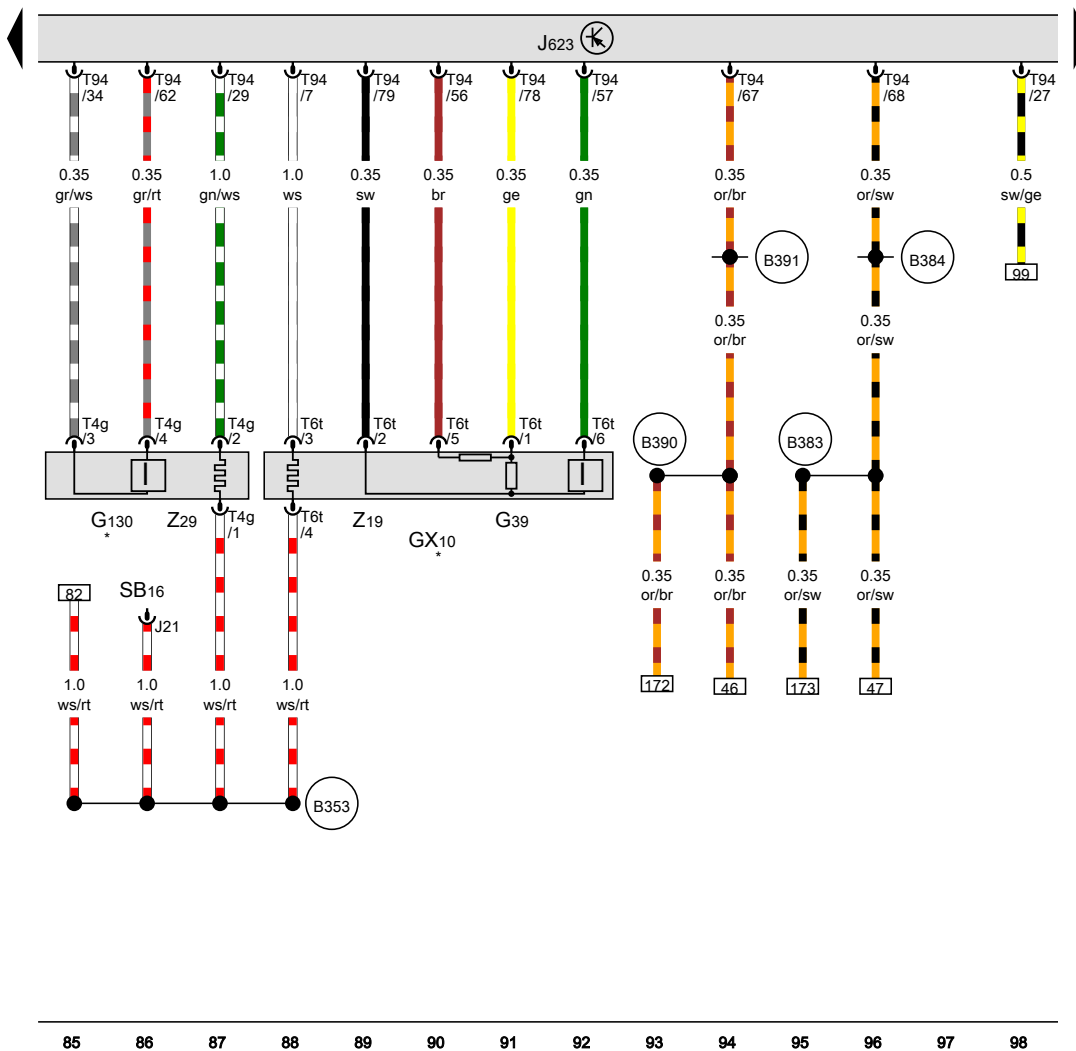
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[7N1-047070616]

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

- GX10 Lambda probe 1 before catalytic converter
- G39 Lambda probe
- G130 Lambda probe after catalytic converter
- J623 Engine control unit
- SB16 Fuse 16 on fuse holder B
- T4g 4-pin connector
- T6t 6-pin connector
- T94 94-pin connector
- Z19 Lambda probe heater
- Z29 Lambda probe 1 heater after catalytic converter

- B353 Positive connection 4 (87a) in main wiring harness
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B384 Connection 2 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- B391 Connection 2 (powertrain CAN bus, low), in main wiring harness
- * Pre-wired component



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Additional coolant pump relay, Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4, Fuel pressure regulating valve, Coolant circulation pump

- J496 Additional coolant pump relay
- J623 Engine control unit
- N30 Injector, cylinder 1
- N31 Injector, cylinder 2
- N32 Injector, cylinder 3
- N33 Injector, cylinder 4
- N276 Fuel pressure regulating valve
- SB20 Fuse 20 on fuse holder B
- SB23 Fuse 23 on fuse holder B
- T2co 2-pin connector
- T2cp 2-pin connector
- T2cq 2-pin connector
- T2cr 2-pin connector
- T2ct 2-pin connector
- T2fl 2-pin connector
- T14b 14-pin connector
- T60 60-pin connector
- V50 Coolant circulation pump

373 Earth connection 8, in main wiring harness

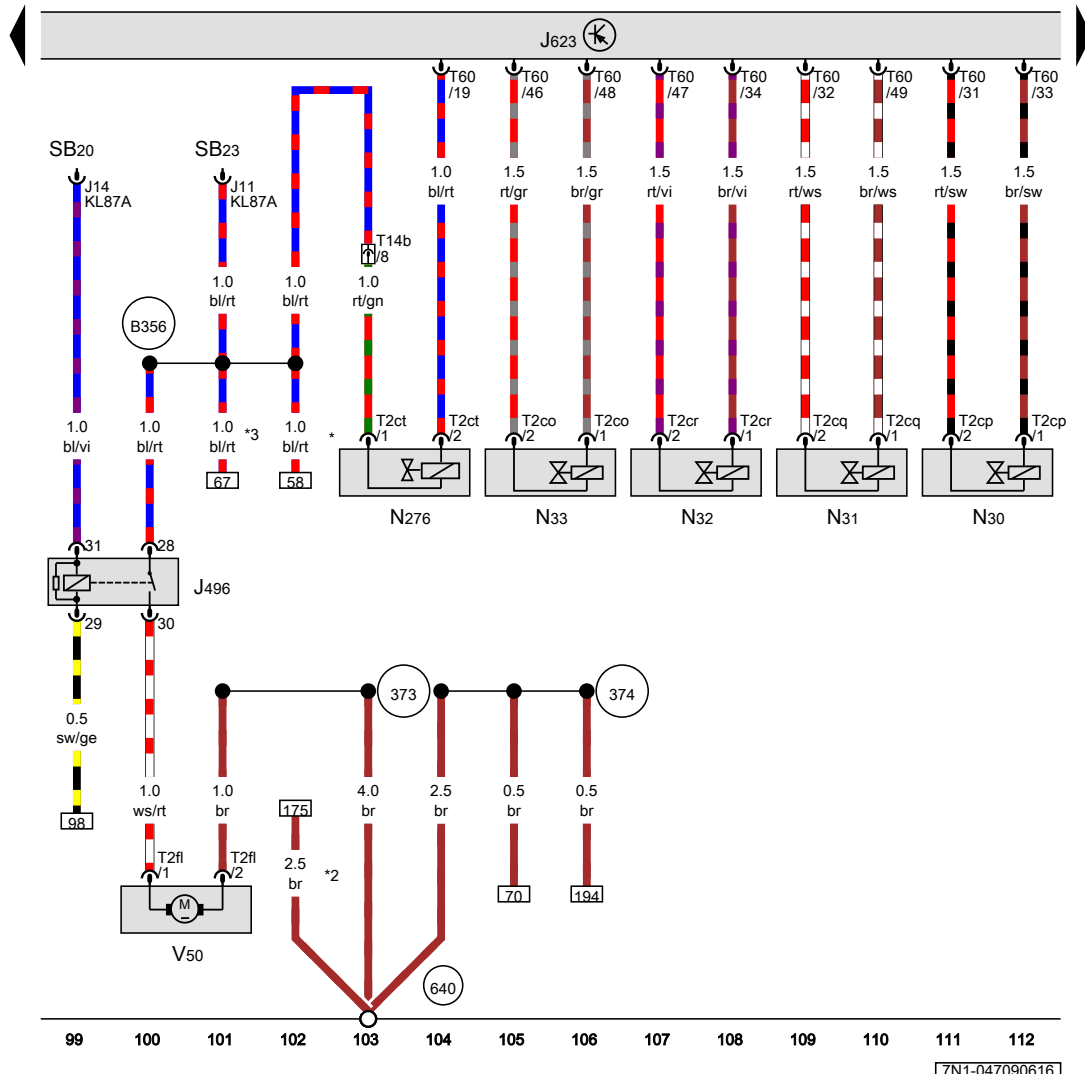
374 Earth connection 9, in main wiring harness

640 Earth point 2, left in engine compartment

B356 Positive connection 7 (87a) in main wiring harness

- * Only models with manual gearbox
- *2 Only models with equipment for Japan
- *3 From November 2011

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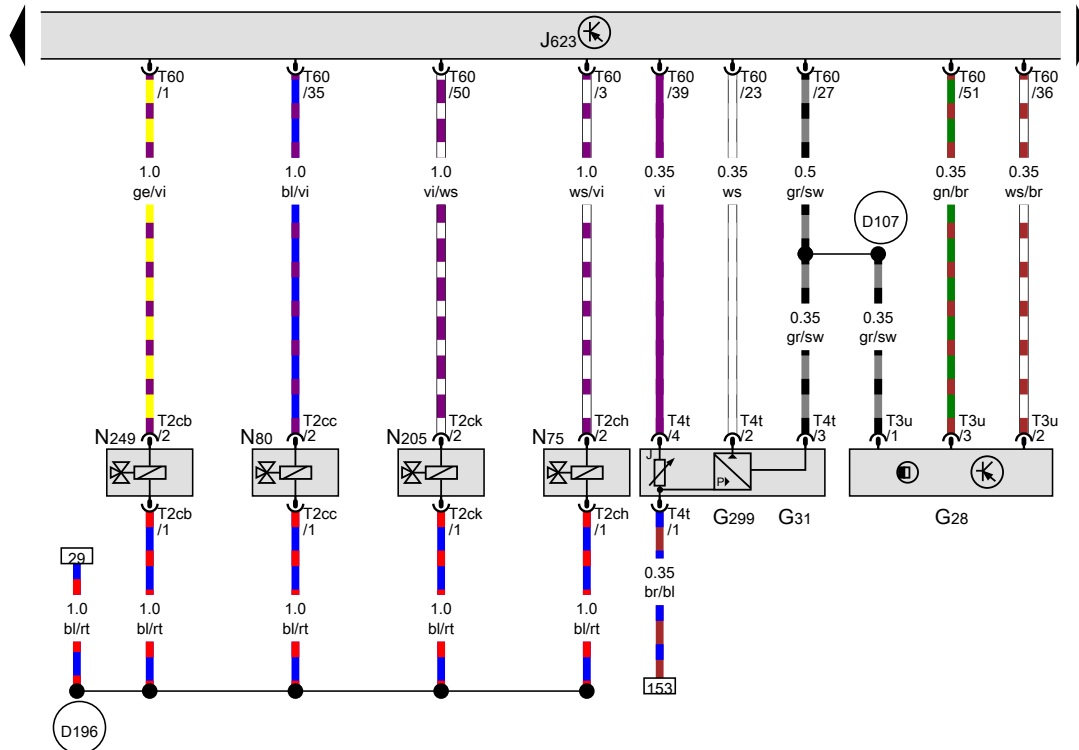
17N1-047090616

Engine speed sender, Charge pressure sender, Intake air temperature sender 2, Engine control unit, Charge pressure control solenoid valve, Activated charcoal filter solenoid valve 1, Camshaft control valve 1, Turbocharger air recirculation valve

- G28 Engine speed sender
- G31 Charge pressure sender
- G299 Intake air temperature sender 2
- J623 Engine control unit
- N75 Charge pressure control solenoid valve
- N80 Activated charcoal filter solenoid valve 1
- N205 Camshaft control valve 1
- N249 Turbocharger air recirculation valve
- T2cb 2-pin connector
- T2cc 2-pin connector
- T2ch 2-pin connector
- T2ck 2-pin connector
- T3u 3-pin connector
- T4t 4-pin connector
- T60 60-pin connector

D107 Connection 5 in engine compartment wiring harness

D196 Connection 2 (87a) in engine prewiring harness



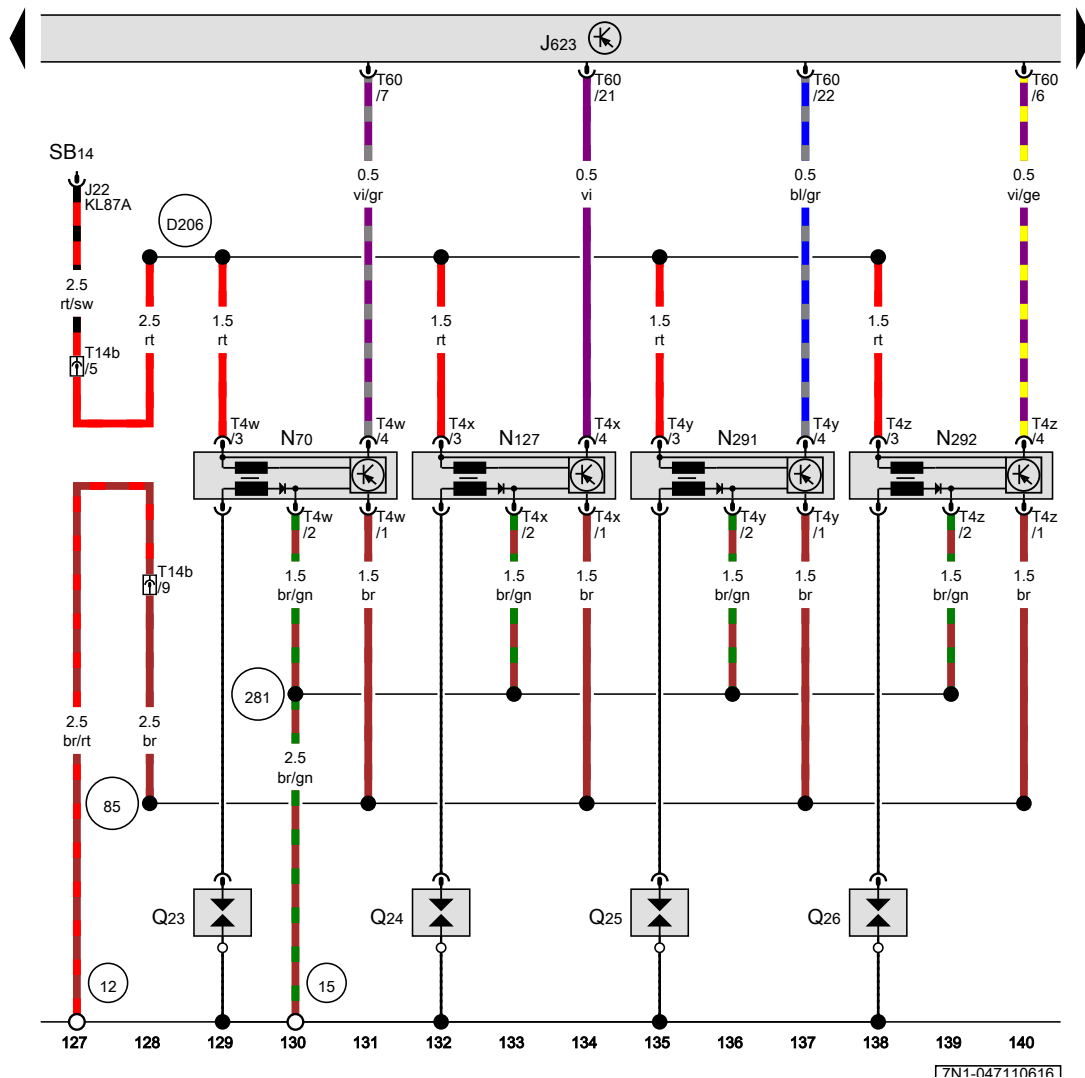
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Engine control unit, Ignition coil 1 with output stage, Spark plug 1

- 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
- Q23 Spark plug 1
- Q24 Spark plug 2
- Q25 Spark plug 3
- Q26 Spark plug 4
- SB14 Fuse 14 on fuse holder B
- T4w 4-pin connector
- T4x 4-pin connector
- T4y 4-pin connector
- T4z 4-pin connector
- T14b 14-pin connector
- T60 60-pin connector

- 12 Earth point, on left in engine compartment
- 15 Earth point, on cylinder head
- 85 Earth connection 1, in engine compartment wiring harness
- 281 Earth point 1, engine prewiring harness
- D206 Connection 4 (87a) in engine prewiring harness

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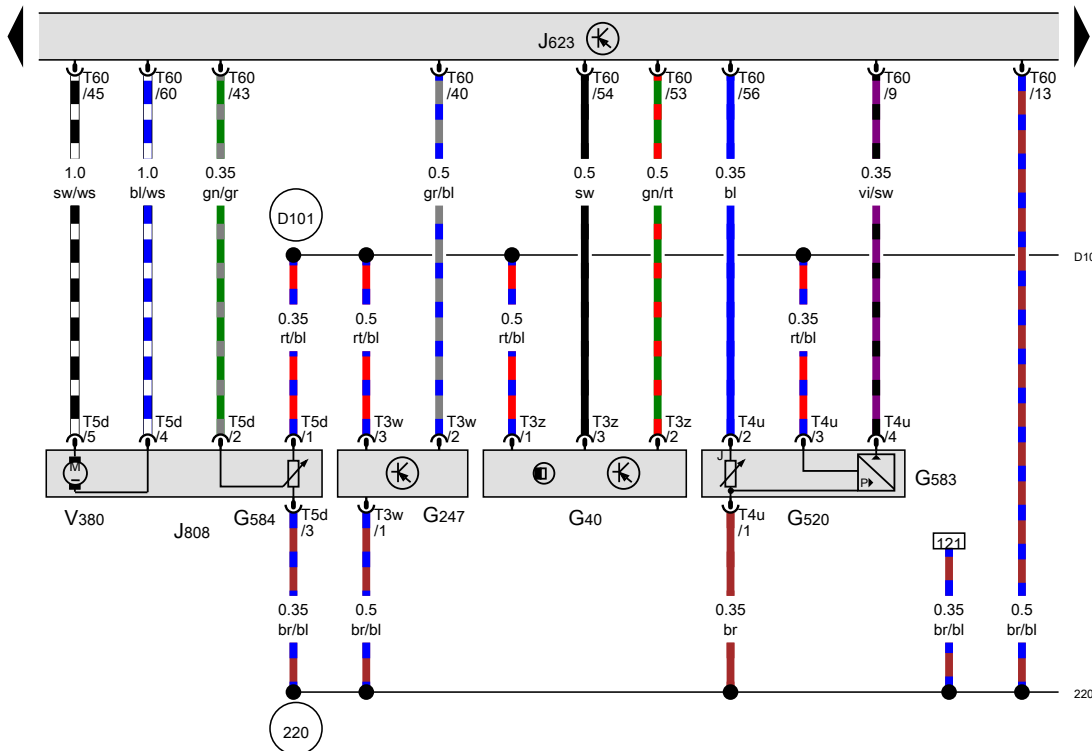


[7N1-047110616]

Hall sender, Fuel pressure sender, Intake air temperature sender 3, Intake manifold pressure sender 3, Regulating flap potentiometer, Engine control unit, Regulating flap control unit, Regulating flap position control motor

- G40 Hall sender
- G247 Fuel pressure sender
- G520 Intake air temperature sender 3
- G583 Intake manifold pressure sender 3
- G584 Regulating flap potentiometer
- J623 Engine control unit
- J808 Regulating flap control unit
- T3w 3-pin connector
- T3z 3-pin connector
- T4u 4-pin connector
- T5d 5-pin connector
- T60 60-pin connector
- V380 Regulating flap position control motor

- 220 Earth connection (sender earth), in engine wiring harness
- D101 Connection 1 in engine compartment wiring harness



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141 142 143 144 145 146 147 148 149 150 151 152 153 154

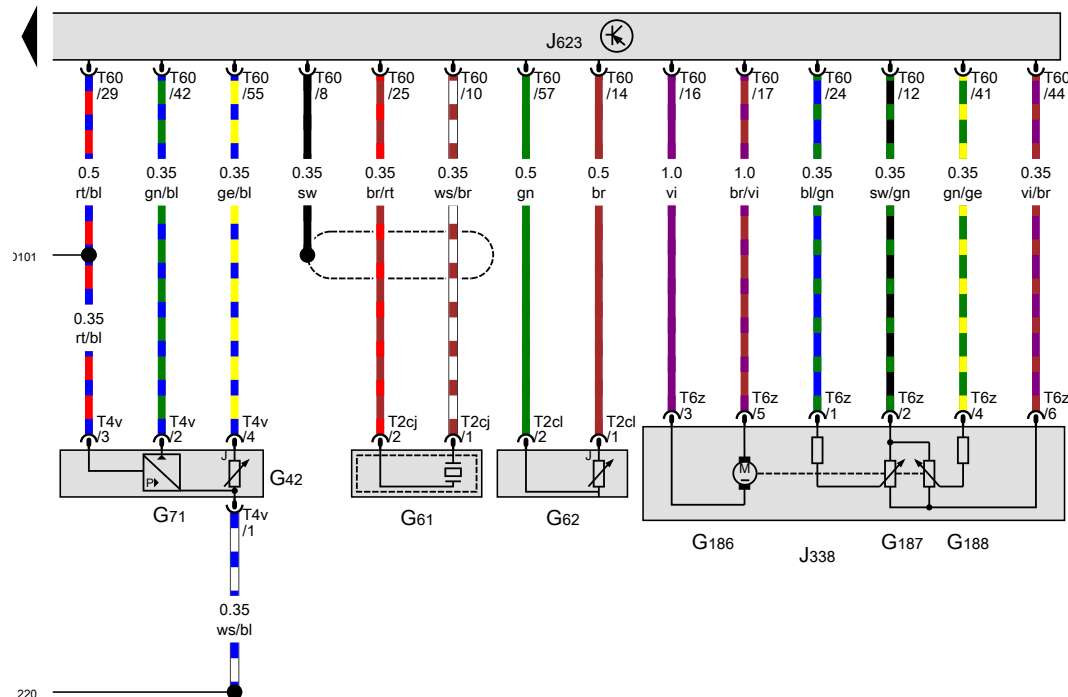
[7N1-047120616]

Intake air temperature sender, Knock sensor 1, Coolant temperature sender, Intake manifold pressure sender, Throttle valve module, Engine control unit

- G42 Intake air temperature sender
- G61 Knock sensor 1
- G62 Coolant temperature sender
- G71 Intake manifold 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 control unit
- T2cj 2-pin connector
- T2cl 2-pin connector
- T4v 4-pin connector
- T6z 6-pin connector
- T60 60-pin connector

220 Earth connection (sender earth), in engine wiring harness

D101 Connection 1 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

155 156 157 158 159 160 161 162 163 164 165 166 167 168

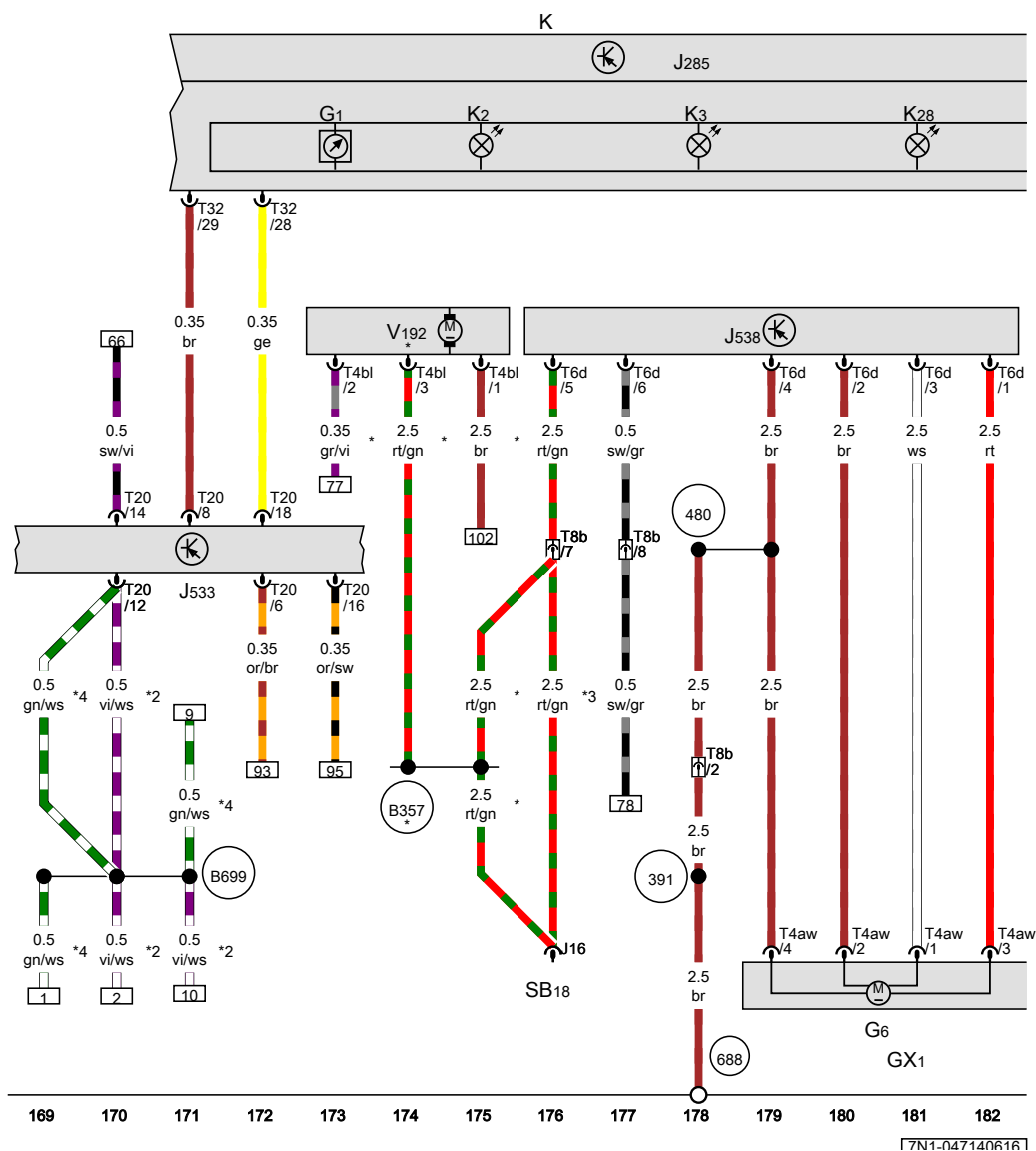
17N1-047130616

Fuel delivery unit, Control unit in dash panel insert, Data bus diagnostic interface, Fuel pump control unit, Vacuum pump for brakes

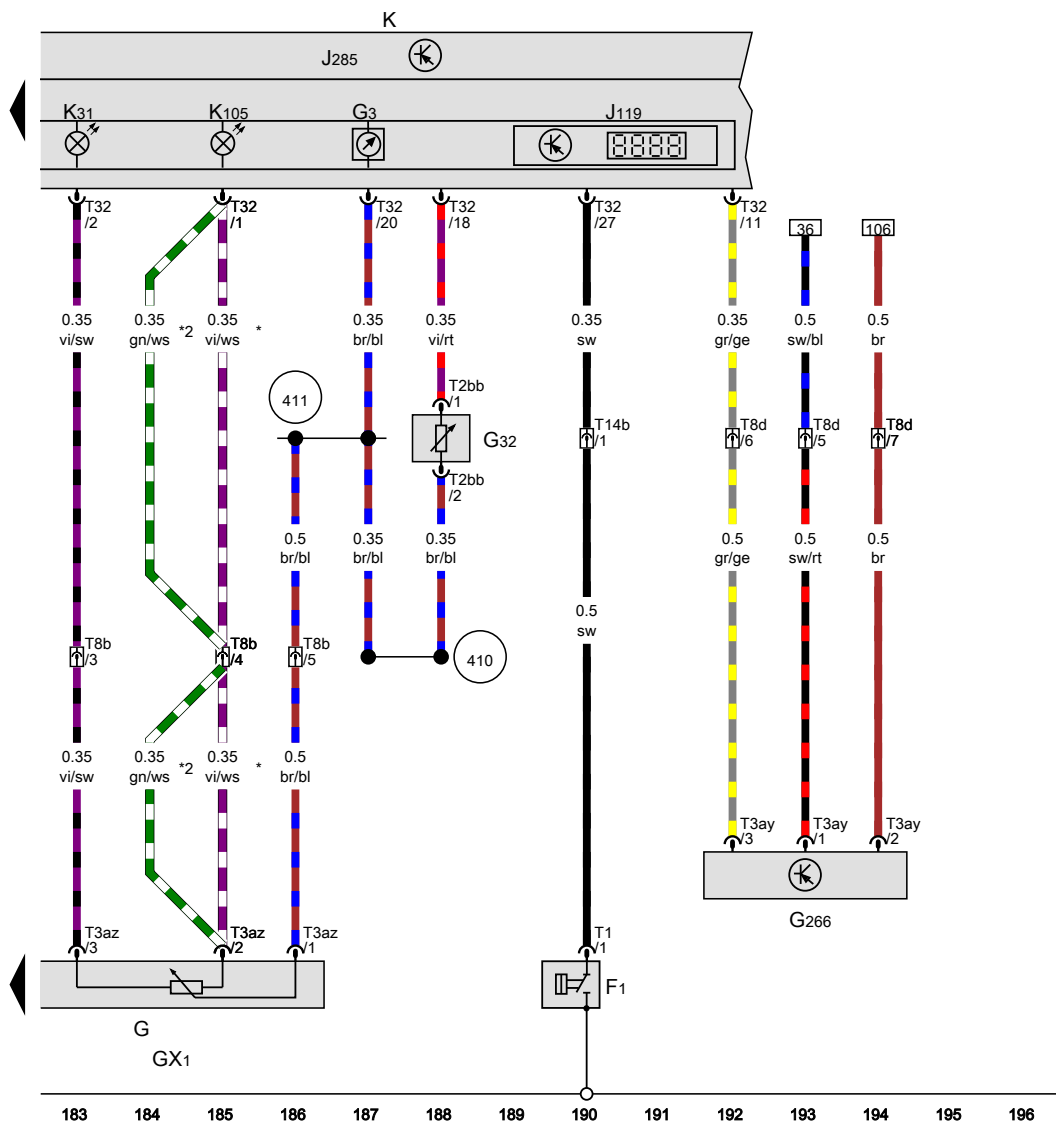
- GX1 Fuel delivery unit
- G1 Fuel gauge
- G6 Fuel system pressurisation pump
- J285 Control unit in dash panel insert
- J533 Data bus diagnostic interface
- J538 Fuel pump control unit
- K Dash panel insert
- K2 Alternator warning lamp
- K3 Oil pressure warning lamp
- K28 Coolant temperature and coolant shortage warning lamp
- SB18 Fuse 18 on fuse holder B
- T4aw 4-pin connector
- T4bl 4-pin connector
- T6d 6-pin connector
- T8b 8-pin connector
- T20 20-pin connector
- T32 32-pin connector
- V192 Vacuum pump for brakes

- 391 Earth connection 26, in main wiring harness
- 480 Earth connection, in fuel tank wiring harness
- 688 Earth point 2, on centre tunnel
- B357 Positive connection 8 (87a) in main wiring harness
- B699 Connection 4 (LIN bus) in main wiring harness
- * Only models with equipment for Japan
- *2 Up to October 2011
- *3 Only models with no equipment for Japan
- *4 From November 2011

ws = white
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, Fuel delivery unit, Coolant shortage indicator sender, Oil level and oil temperature sender



- F1 Oil pressure switch
- G Fuel gauge sender
- GX1 Fuel delivery unit
- G3 Coolant temperature gauge
- G32 Coolant shortage indicator sender
- G266 Oil level and oil temperature sender
- J119 Multifunction indicator
- J285 Control unit in dash panel insert
- K Dash panel insert
- K31 Cruise control system warning lamp
- K105 Reserve fuel warning lamp
- T1 Single connector
- T2bb 2-pin connector
- T3ay 3-pin connector
- T3az 3-pin connector
- T8b 8-pin connector
- T8d 8-pin connector
- T14b 14-pin connector
- T32 32-pin connector

410 Earth connection 1 (sender earth) in main wiring harness

411 Earth connection 2 (sender earth) in main wiring harness

* Up to October 2011

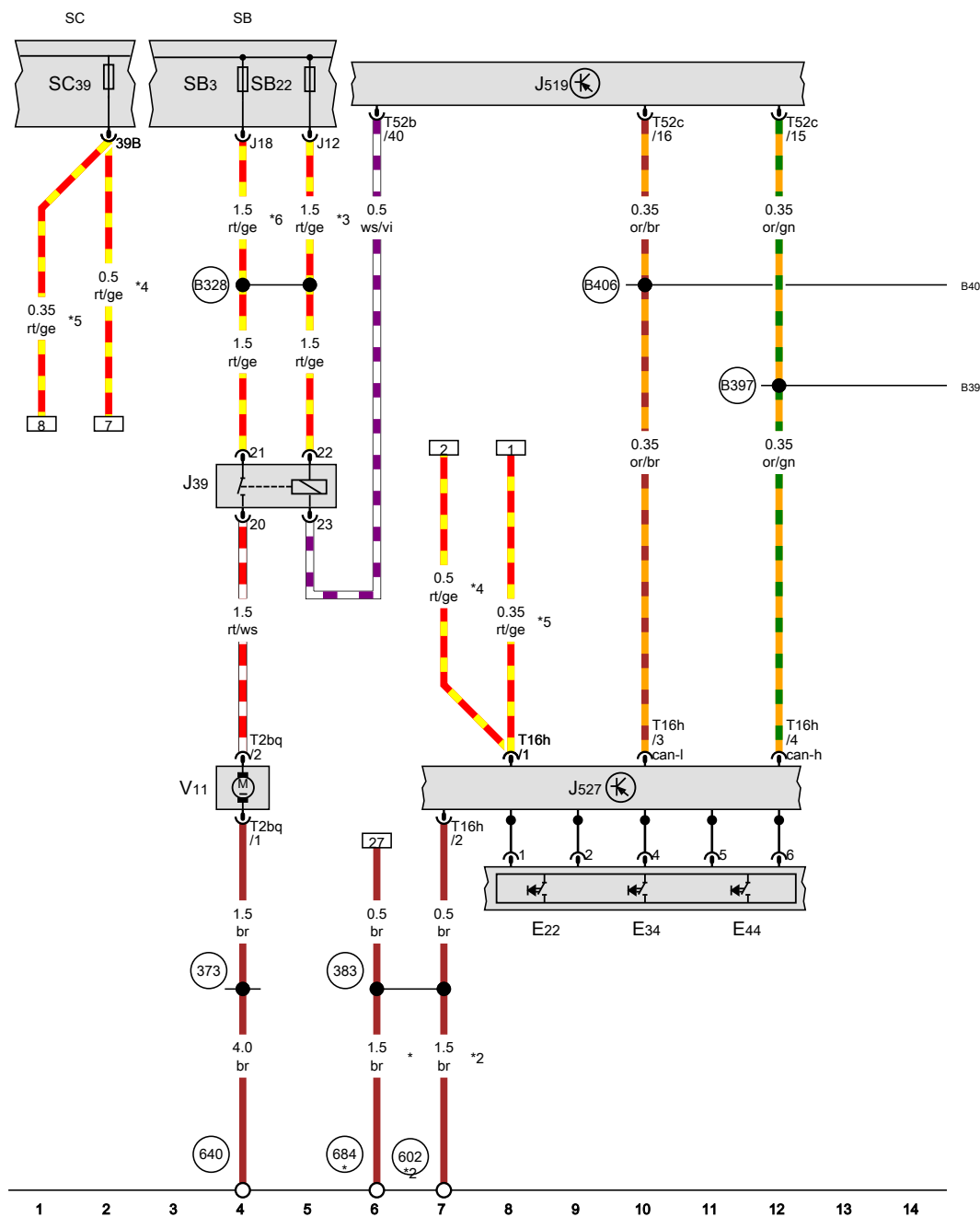
*2 From November 2011

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

[7N1-047150616]

Headlight washer system

From May 2011



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

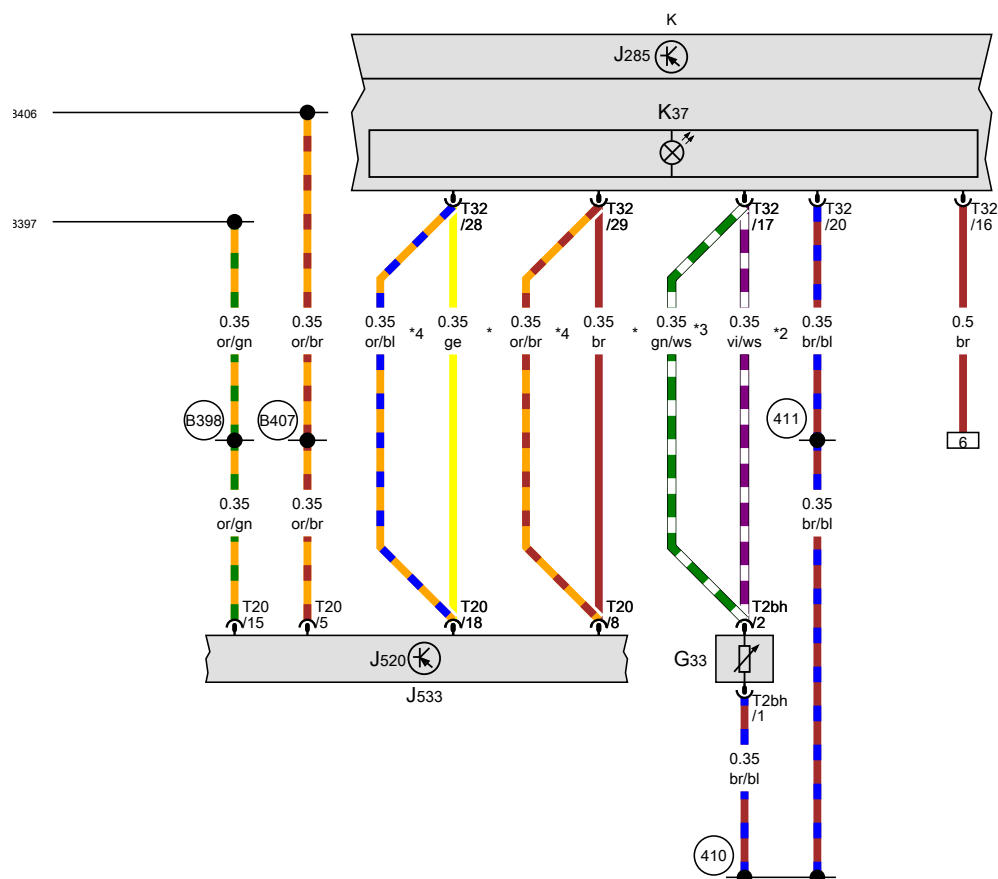
Intermittent wiper switch, Rear wiper switch, Washer pump switch (automatic wash/wipe and headlight washer system), Headlight washer system relay, Onboard supply control unit, Steering column electronics control unit, Fuse holder B, Fuse holder C, Headlight washer system pump

- E22 Intermittent wiper switch
- E34 Rear wiper switch
- E44 Washer pump switch (automatic wash/wipe and headlight washer system)
- J39 Headlight washer system relay
- J519 Onboard supply control unit
- J527 Steering column electronics control unit
- SB Fuse holder B
- SB3 Fuse 3 on fuse holder B
- SB22 Fuse 22 on fuse holder B
- SC Fuse holder C
- SC39 Fuse 39 on fuse holder C
- T2bq 2-pin connector
- T16h 16-pin connector
- T52b 52-pin connector
- T52c 52-pin connector
- V11 Headlight washer system pump

- 373 Earth connection 8, in main wiring harness
- 383 Earth connection 18, in main wiring harness
- 602 Earth point, in front left footwell
- 640 Earth point 2, left in engine compartment
- 684 Earth point on front of left side member
- B328 Positive connection 14 (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

- * Up to November 2018
- *2 From November 2018
- *3 Up to May 2017
- *4 Up to May 2016
- *5 From May 2016
- *6 From May 2017

Windscreen washer fluid level sender, Data bus diagnostic interface, Dash panel insert



- G33 Windscreen washer fluid level sender
- J285 Control unit in dash panel insert
- J520 Onboard supply control unit 2
- J533 Data bus diagnostic interface
- K Dash panel insert
- K37 Washer fluid level warning lamp
- T2bh 2-pin connector
- T20 20-pin connector
- T32 32-pin connector

410 Earth connection 1 (sender earth) in main wiring harness

411 Earth connection 2 (sender earth) 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

- * Up to May 2016
- *2 Up to October 2011
- *3 From November 2011
- *4 From May 2016

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

Basic equipment

From May 2011

Onboard supply control unit, Terminal 75 voltage supply relay 1, Terminal 15 voltage supply relay 2

- J367 Battery monitor control unit
- J519 Onboard supply control unit
- J680 Terminal 75 voltage supply relay 1
- J681 Terminal 15 voltage supply relay 2
- SB2 Fuse 2 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
- SB27 Fuse 27 on fuse holder B
- SB30 Fuse 30 on fuse holder B
- SC50 Fuse 50 on fuse holder C
- T2fk 2-pin connector
- T52a 52-pin connector
- T52b 52-pin connector
- T52c 52-pin connector

B150 Positive connection 2 (30a), in interior wiring harness

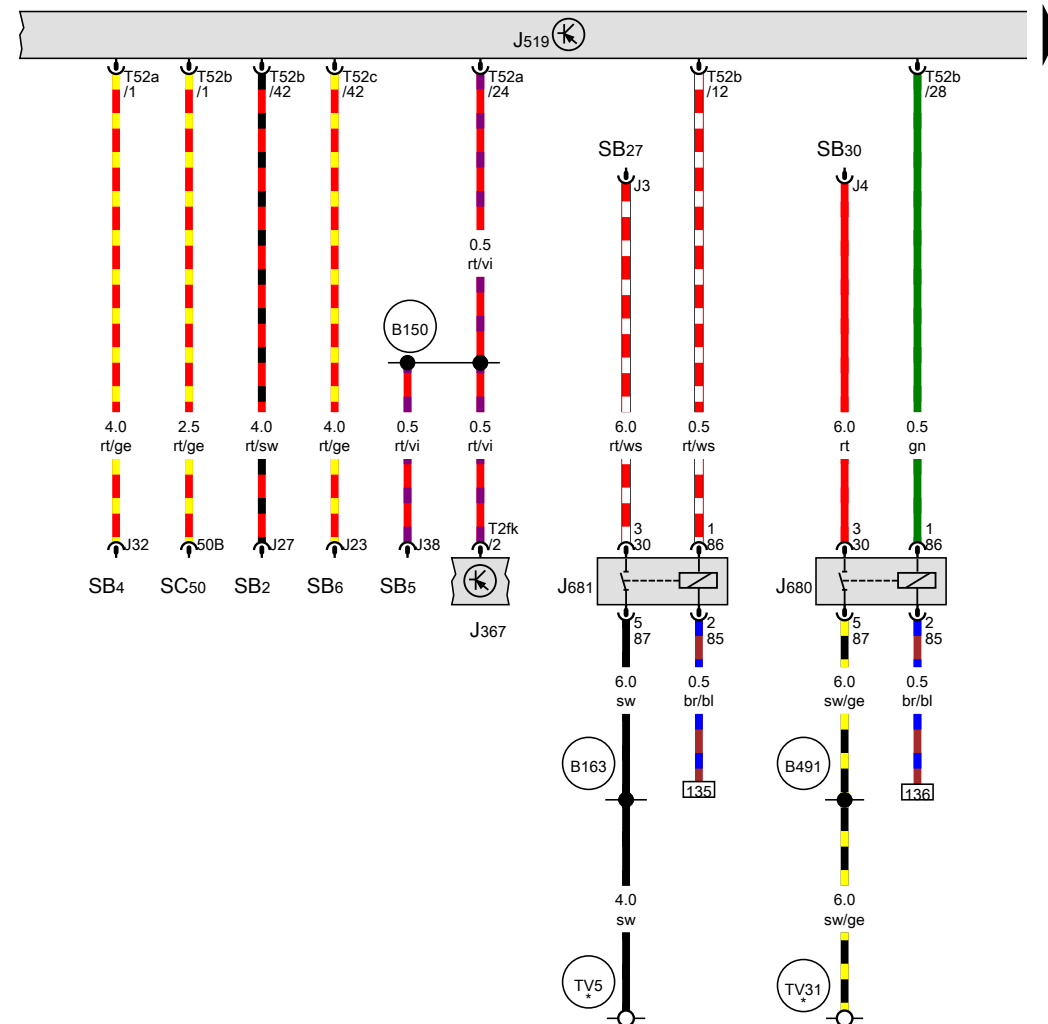
B163 Positive connection 1 (15), in interior wiring harness

B491 Positive connection (75), in interior wiring harness

TV5 Terminal 15a wiring junction

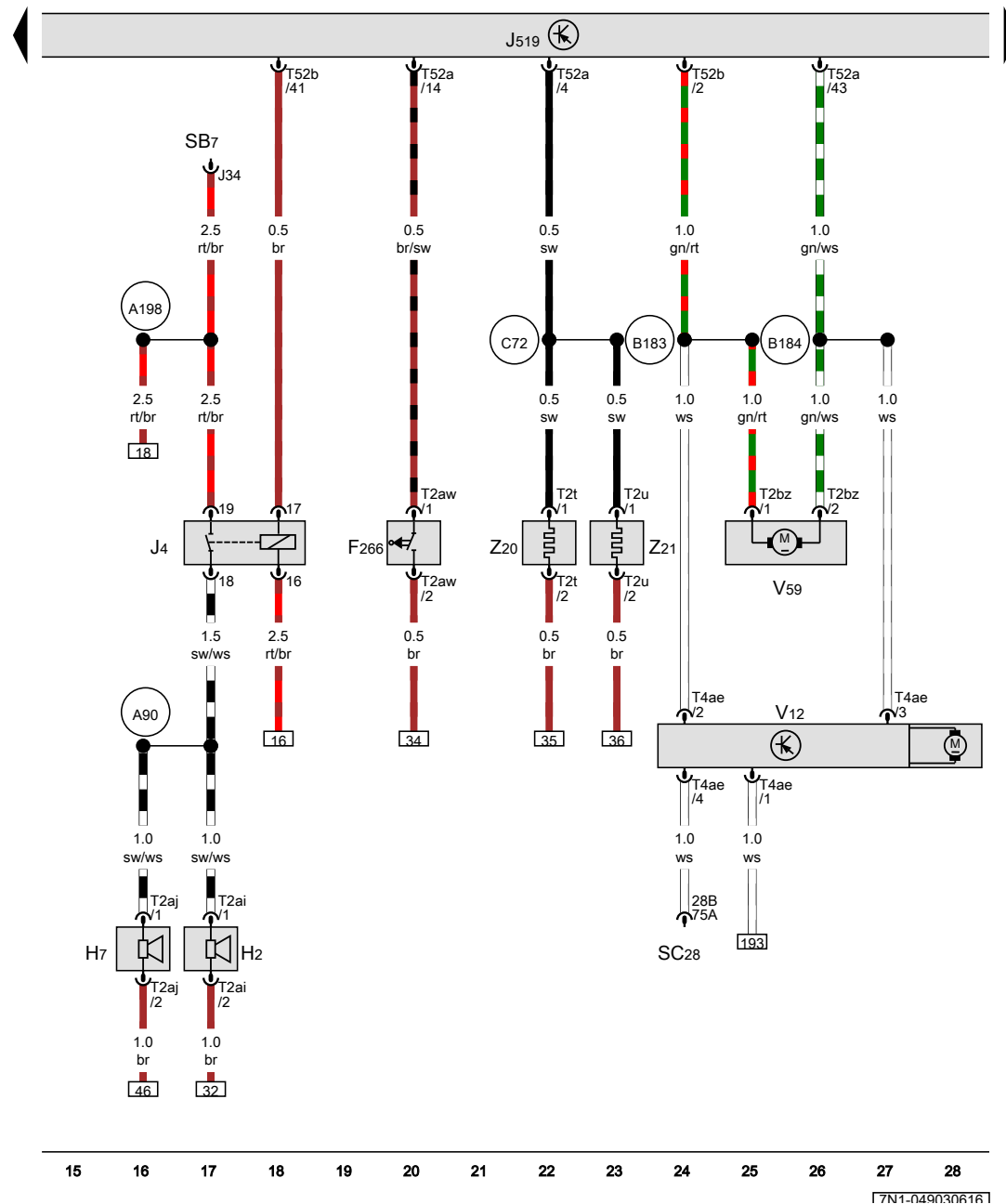
TV31 Terminal 75 wiring junction

* see applicable current flow diagram for fuse assignment



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

Bonnet contact switch, Dual tone horn relay, Onboard supply control unit, Rear window wiper motor, Windscreen and rear window washer pump



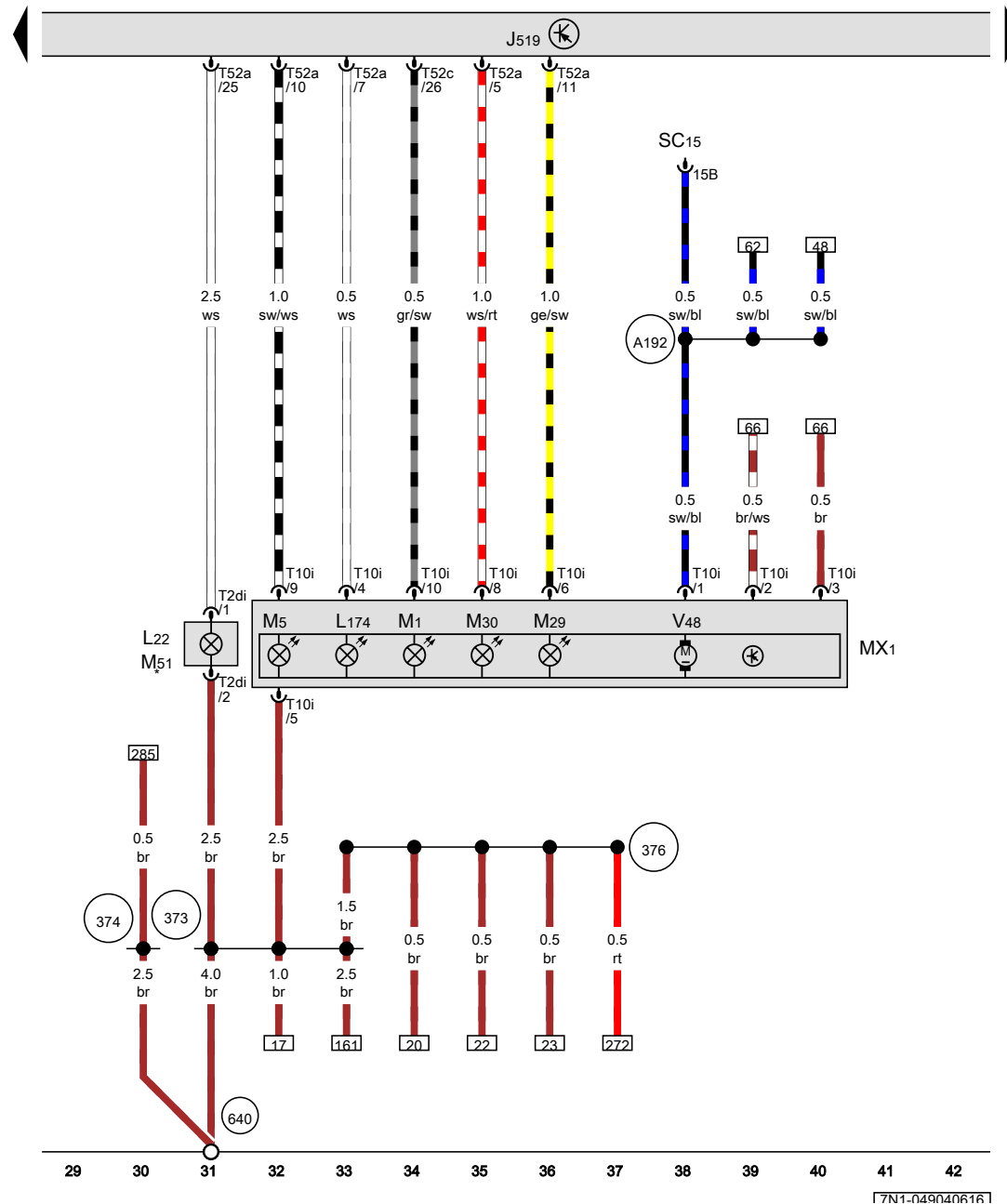
Onboard supply control unit, Left fog light bulb, Front left headlight, Left static cornering light

- J519 Onboard supply control unit
- L22 Left fog light bulb
- 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
- M51 Left static cornering light
- SC15 Fuse 15 on fuse holder C
- T2di 2-pin connector
- T10i 10-pin connector
- T52a 52-pin connector
- T52c 52-pin connector
- V48 Left headlight range control motor

- 373 Earth connection 8, in main wiring harness
- 374 Earth connection 9, in main wiring harness
- 376 Earth connection 11, in main wiring harness
- 640 Earth point 2, left in engine compartment
- A192 Positive connection 3 (15a) in dash panel 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



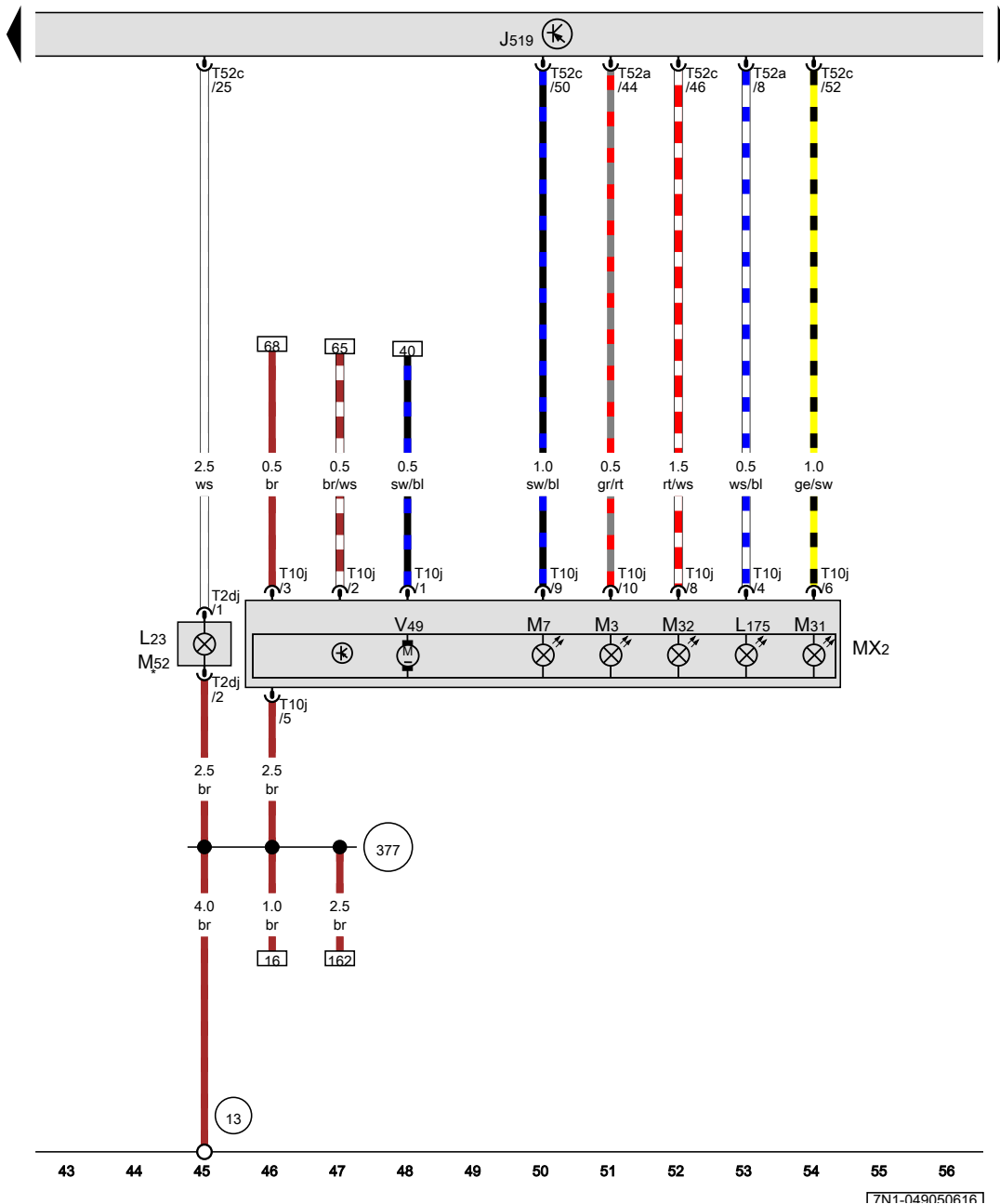
Onboard supply control unit, Right fog light bulb, Front right headlight, Right static cornering light

- 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
- M52 Right static cornering light
- T2dj 2-pin connector
- T10j 10-pin connector
- T52a 52-pin connector
- T52c 52-pin connector
- V49 Right headlight range control motor

13 Earth point, on right in engine compartment

377 Earth connection 12, in main wiring harness

* According to equipment

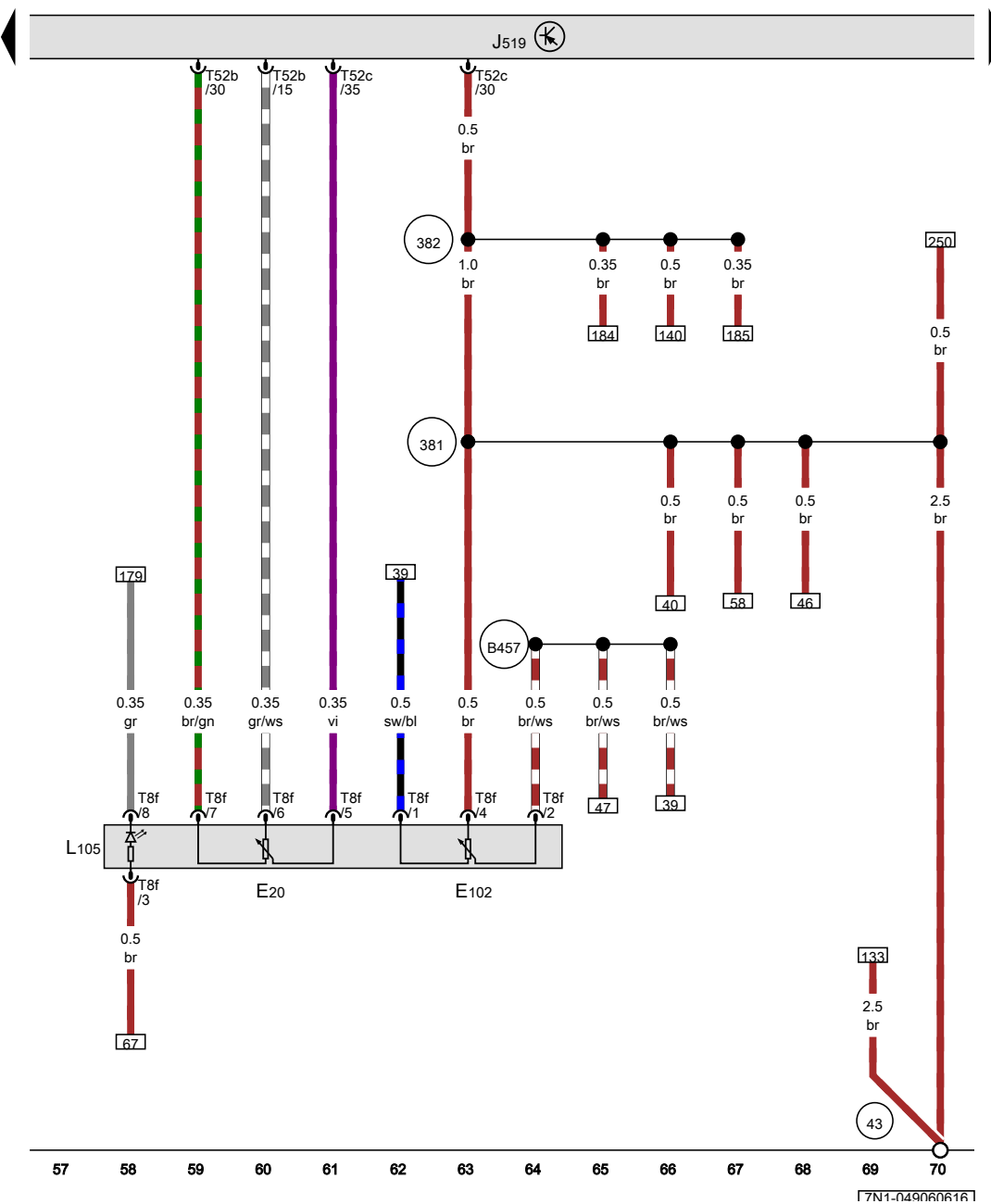


- ws = white
- sw = black
- ro = red
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- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Switch and instrument illumination regulator, Onboard supply control unit

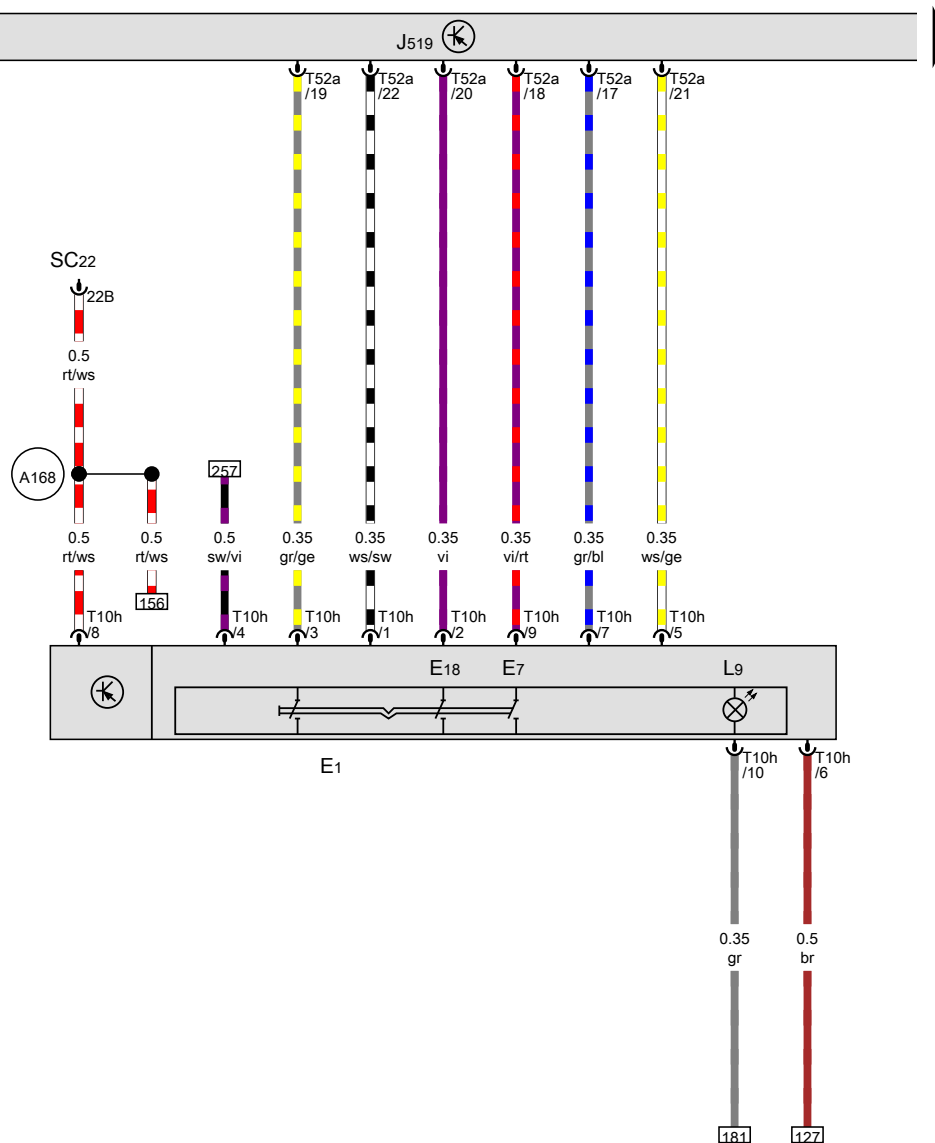
- E20 Switch and instrument illumination regulator
- E102 Headlight range control regulator
- J519 Onboard supply control unit
- L105 Illumination regulator illumination bulb
- T8f 8-pin connector
- T52b 52-pin connector
- T52c 52-pin connector

- 43 Earth point, lower part of right A-pillar
- 381 Earth connection 16, in main wiring harness
- 382 Earth connection 17, in main wiring harness
- B457 Connection 1 (potentiometer), in main wiring harness

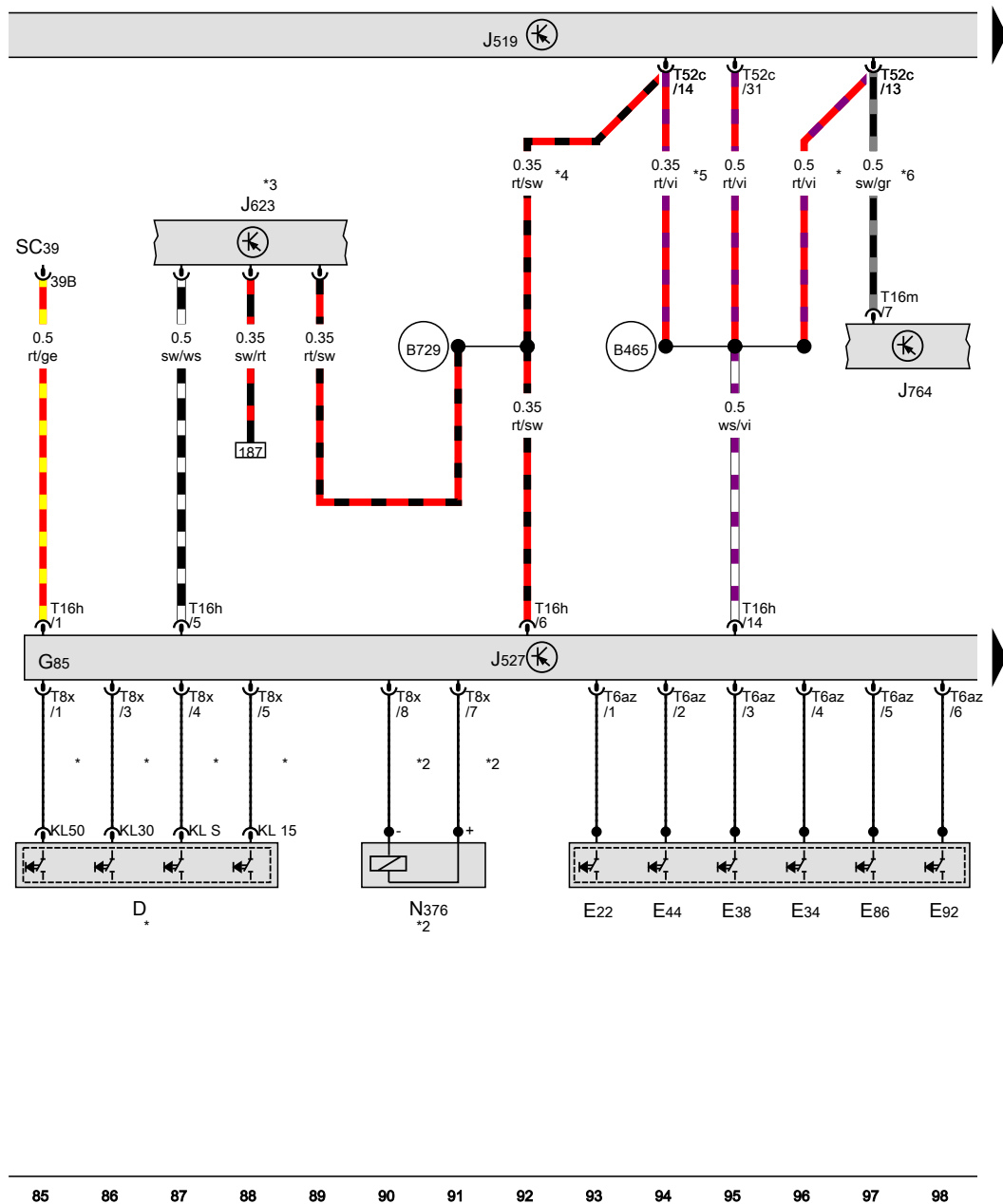


Light switch, Onboard supply control unit

- E1 Light switch
- E7 Fog light switch
- E18 Rear fog light switch
- J519 Onboard supply control unit
- L9 Light switch illumination bulb
- SC22 Fuse 22 on fuse holder C
- T10h 10-pin connector
- T52a 52-pin connector
- A168 Positive connection 4 (30a) in dash panel wiring harness



Ignition/starter switch, Onboard supply control unit, Steering column electronics control unit, Ignition key withdrawal lock solenoid



- D Ignition/starter switch
- E22 Intermittent wiper switch
- E34 Rear wiper switch
- E38 Intermittent wiper regulator
- E44 Washer pump switch (automatic wash/wipe and headlight washer system)
- E86 Multifunction display call-up button
- E92 Reset button
- G85 Steering angle sender
- J519 Onboard supply control unit
- J527 Steering column electronics control unit
- J623 Engine control unit
- J764 Control unit for electronic steering column lock
- N376 Ignition key withdrawal lock solenoid
- SC39 Fuse 39 on fuse holder C
- T6az 6-pin connector
- T8x 8-pin connector
- T16h 16-pin connector
- T16m 16-pin connector
- T52c 52-pin connector

B465 Connection 1, in main wiring harness

B729 Connection 1 (50), in main wiring harness

- * Only models with no entry and start authorisation
- *2 Only models with dual clutch gearbox
- *3 see applicable current flow diagram for engine
- *4 Only models with no start/stop system
- *5 Only models with start/stop system
- *6 Only models with entry and start authorisation

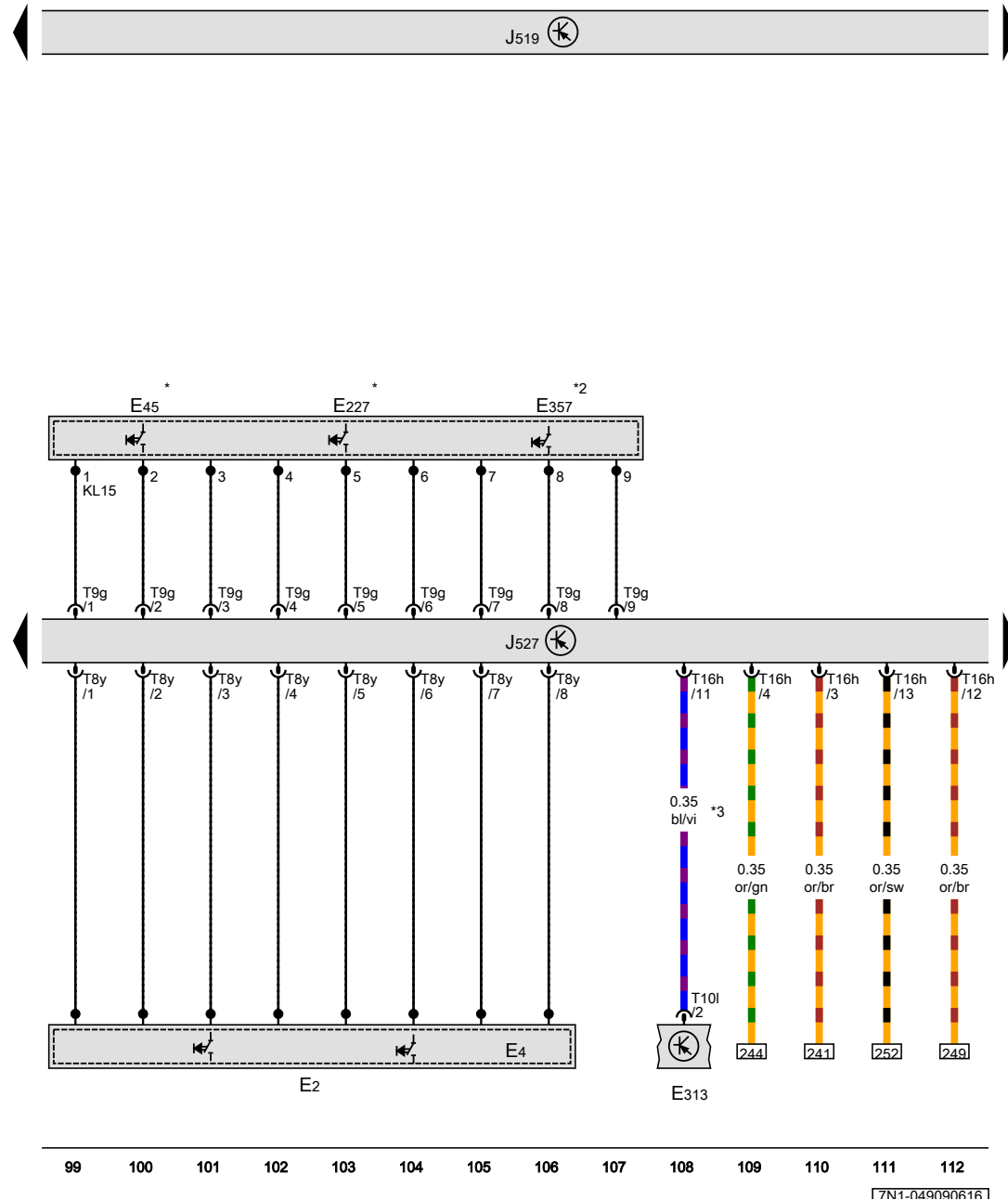
ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

85 86 87 88 89 90 91 92 93 94 95 96 97 98

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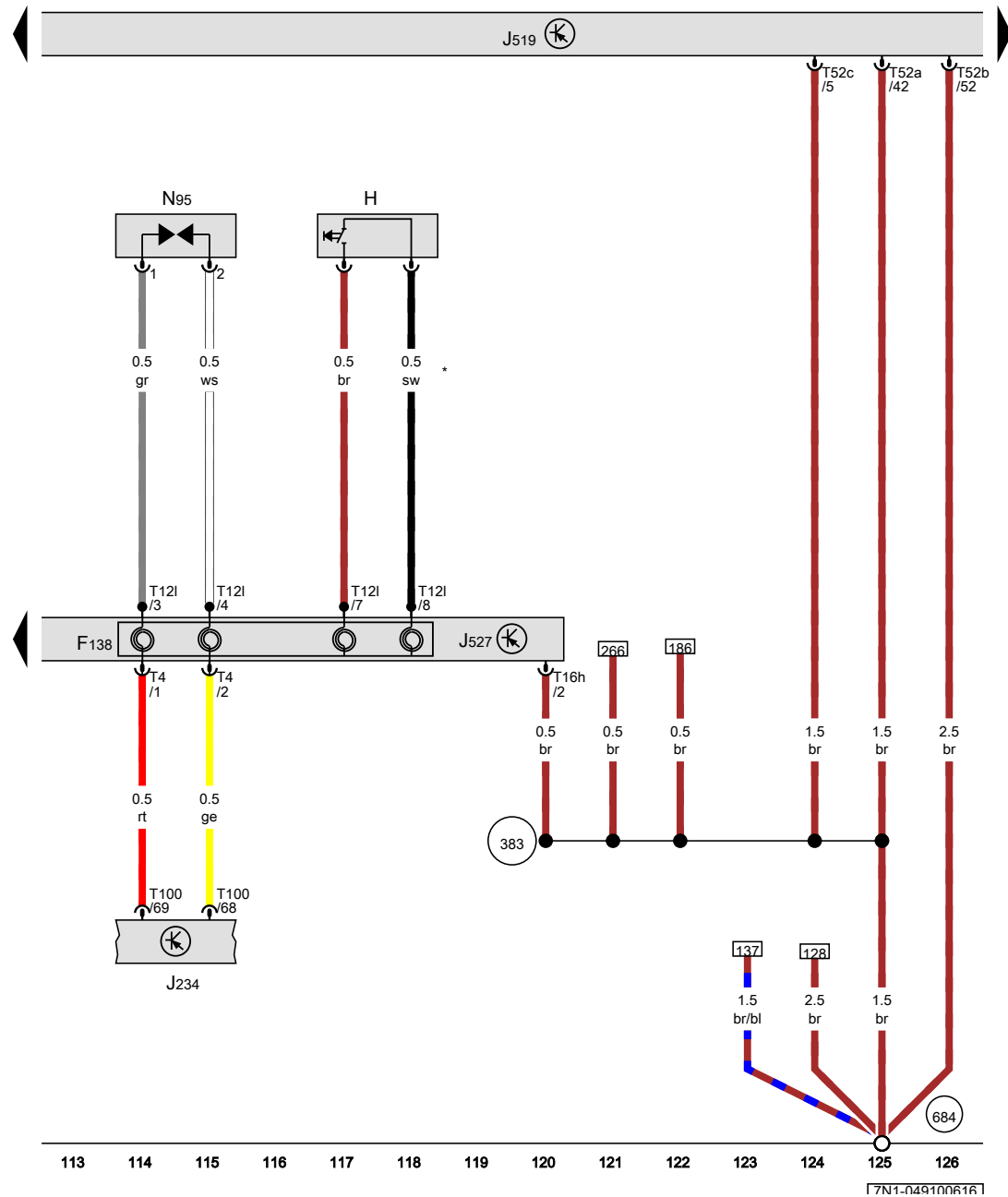
Onboard supply control unit, Steering column electronics control unit

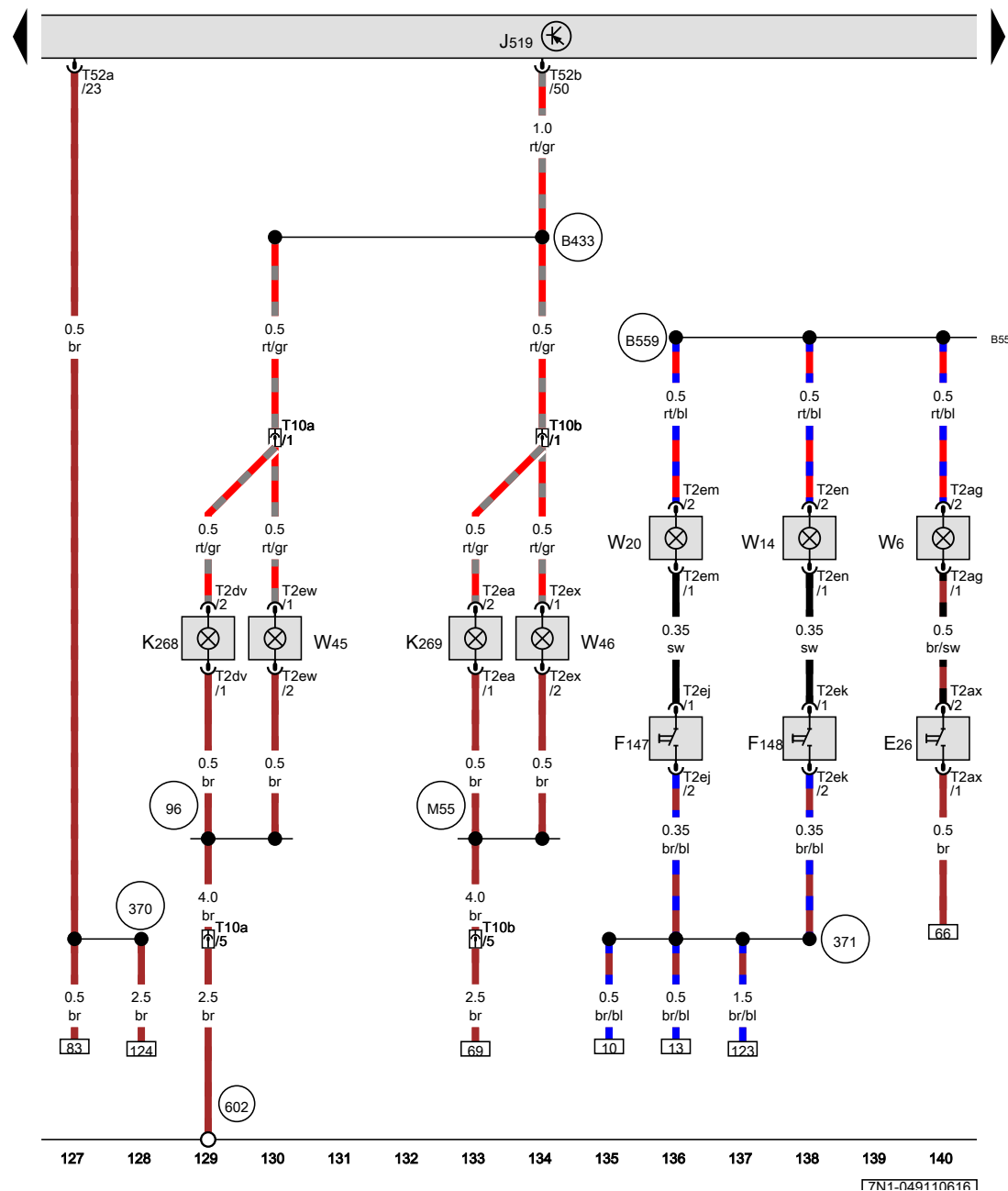
- E2 Turn signal switch
- E4 Headlight dipper and flasher switch
- E45 Cruise control system switch
- E227 Cruise control system (CCS) SET button
- E313 Selector lever
- E357 Adaptive cruise control button
- J519 Onboard supply control unit
- J527 Steering column electronics control unit
- T8y 8-pin connector
- T9g 9-pin connector
- T10l 10-pin connector
- T16h 16-pin connector
- * Only models with cruise control system (CCS)
- *2 Only models with adaptive cruise control (ACC)
- *3 Only models with dual clutch 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

Horn plate, Onboard supply control unit, Steering column electronics control unit, Driver side airbag igniter

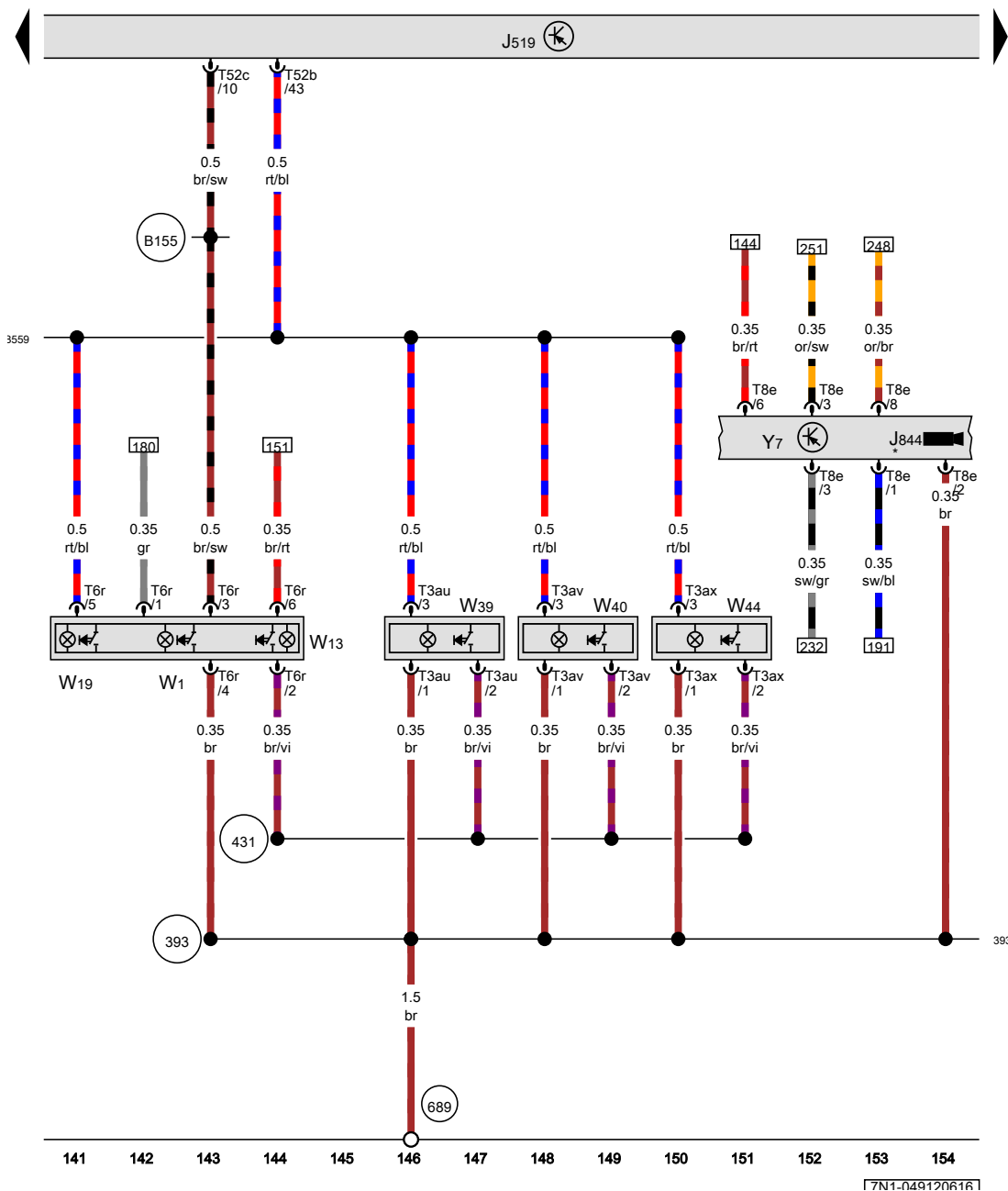




Onboard supply control unit, Front left footwell light, Front right footwell light, Glove compartment light, Front passenger side illuminated vanity mirror, Driver side illuminated vanity mirror, Rear left footwell light, Rear right footwell light

- E26 Glove compartment light switch
- F147 Driver vanity mirror contact switch
- F148 Front passenger vanity mirror contact switch
- J519 Onboard supply control unit
- K268 Front left footwell light
- K269 Front right footwell light
- T2ag 2-pin connector
- T2ax 2-pin connector
- T2dv 2-pin connector
- T2ea 2-pin connector
- T2ej 2-pin connector
- T2ek 2-pin connector
- T2em 2-pin connector
- T2en 2-pin connector
- T2ew 2-pin connector
- T2ex 2-pin connector
- T10a 10-pin connector
- T10b 10-pin connector
- T52a 52-pin connector
- T52b 52-pin connector
- W6 Glove compartment light
- W14 Front passenger side illuminated vanity mirror
- W20 Driver side illuminated vanity mirror
- W45 Rear left footwell light
- W46 Rear right footwell light

- 96 Earth connection 1, in seat heating wiring harness
- 370 Earth connection 5, in main wiring harness
- 371 Earth connection 6, in main wiring harness
- 602 Earth point, in front left footwell
- B433 Connection (footwell light), in main wiring harness
- B559 Positive connection 1 (30g), in main wiring harness
- M55 Connection 5, in front passenger seat wiring harness

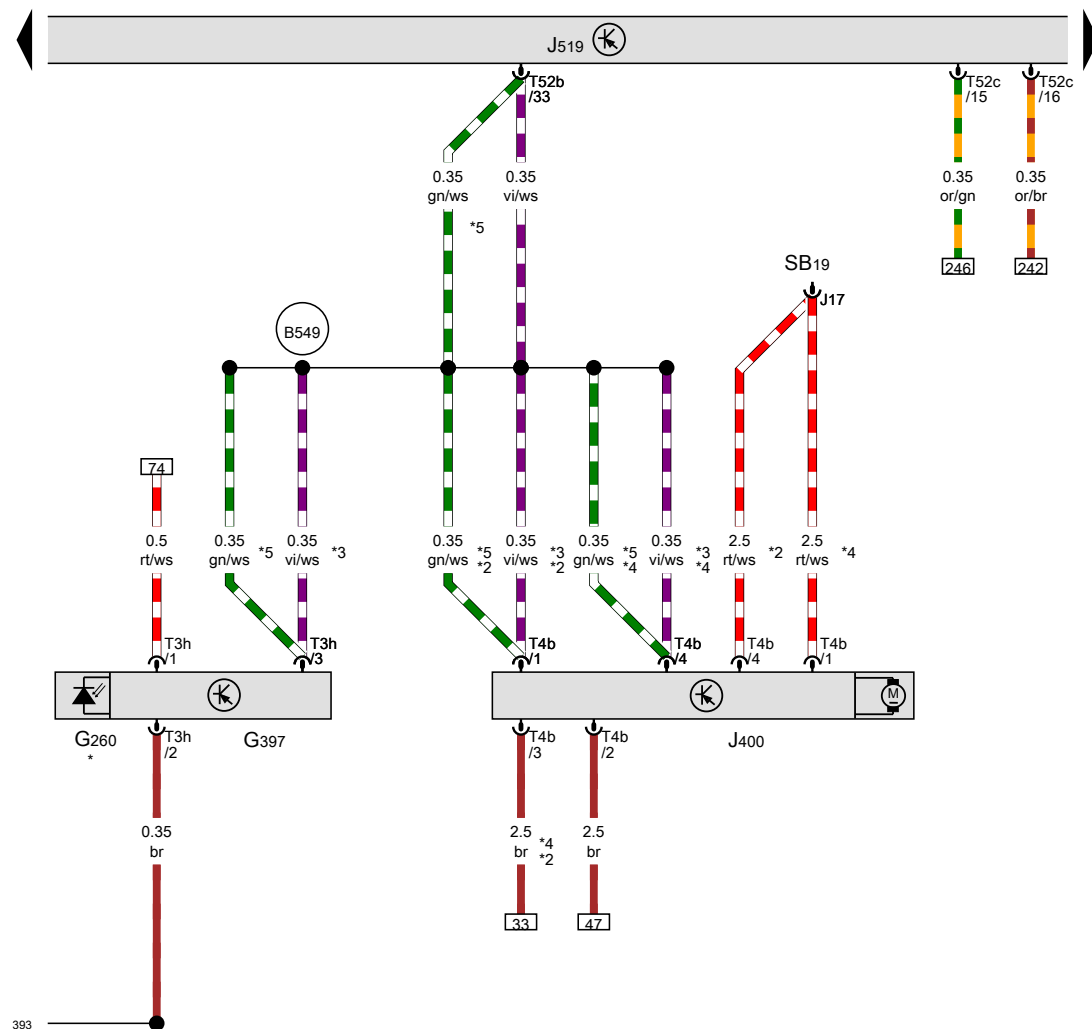


Onboard supply control unit, Main beam assist control unit, Front interior light, Left centre reading light, Right centre reading light, Rear centre reading light, Automatic anti-dazzle interior mirror

- J519 Onboard supply control unit
- J844 Main beam assist control unit
- T3au 3-pin connector
- T3av 3-pin connector
- T3ax 3-pin connector
- T6r 6-pin connector
- T8e 8-pin connector
- T52b 52-pin connector
- T52c 52-pin connector
- W1 Front interior light
- W13 Front passenger reading light
- W19 Driver side reading light
- W39 Left centre reading light
- W40 Right centre reading light
- W44 Rear centre reading light
- Y7 Automatic anti-dazzle interior mirror

- 393 Earth connection 28, in main wiring harness
- 431 Earth connection 2, in roof wiring harness
- 689 Earth point, at front, central in roof
- B155 Connection 2 (DCt), in interior wiring harness
- B559 Positive connection 1 (30g), in main wiring harness
- * Only models with main beam assist

- 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



Humidity sender for air conditioning system, Rain and light sensor, Wiper motor control unit, Onboard supply control unit

- G260 Humidity sender for air conditioning system
- G397 Rain and light sensor
- J400 Wiper motor control unit
- J519 Onboard supply control unit
- SB19 Fuse 19 on fuse holder B
- T3h 3-pin connector
- T4b 4-pin connector
- T52b 52-pin connector
- T52c 52-pin connector

393 Earth connection 28, in main wiring harness

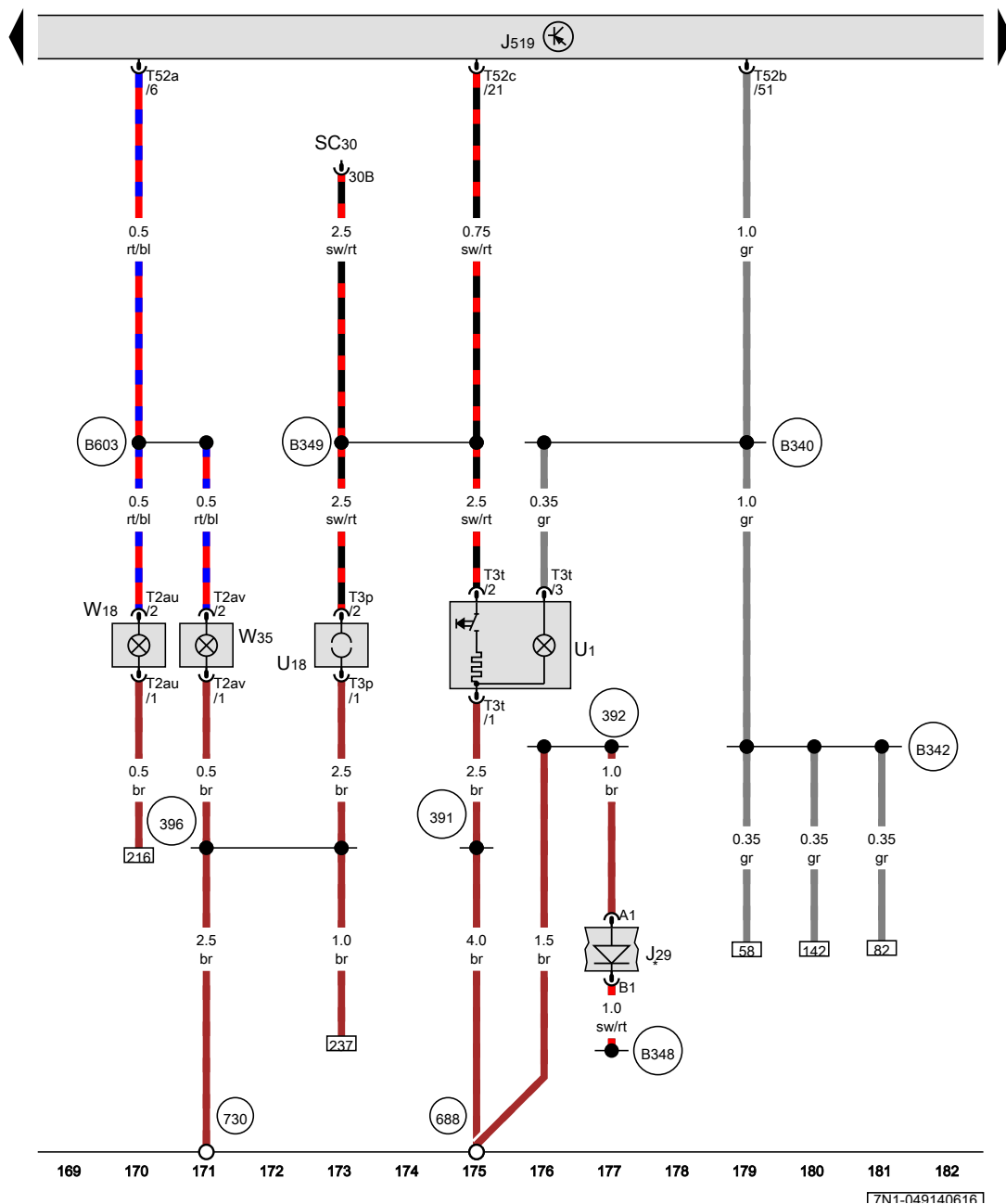
B549 Connection 2 (LIN bus) in main wiring harness

- * According to equipment
- *2 Only left-hand drive models
- *3 Up to October 2011
- *4 Only right-hand drive models
- *5 From November 2011

ws = white
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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

155 156 157 158 159 160 161 162 163 164 165 166 167 168

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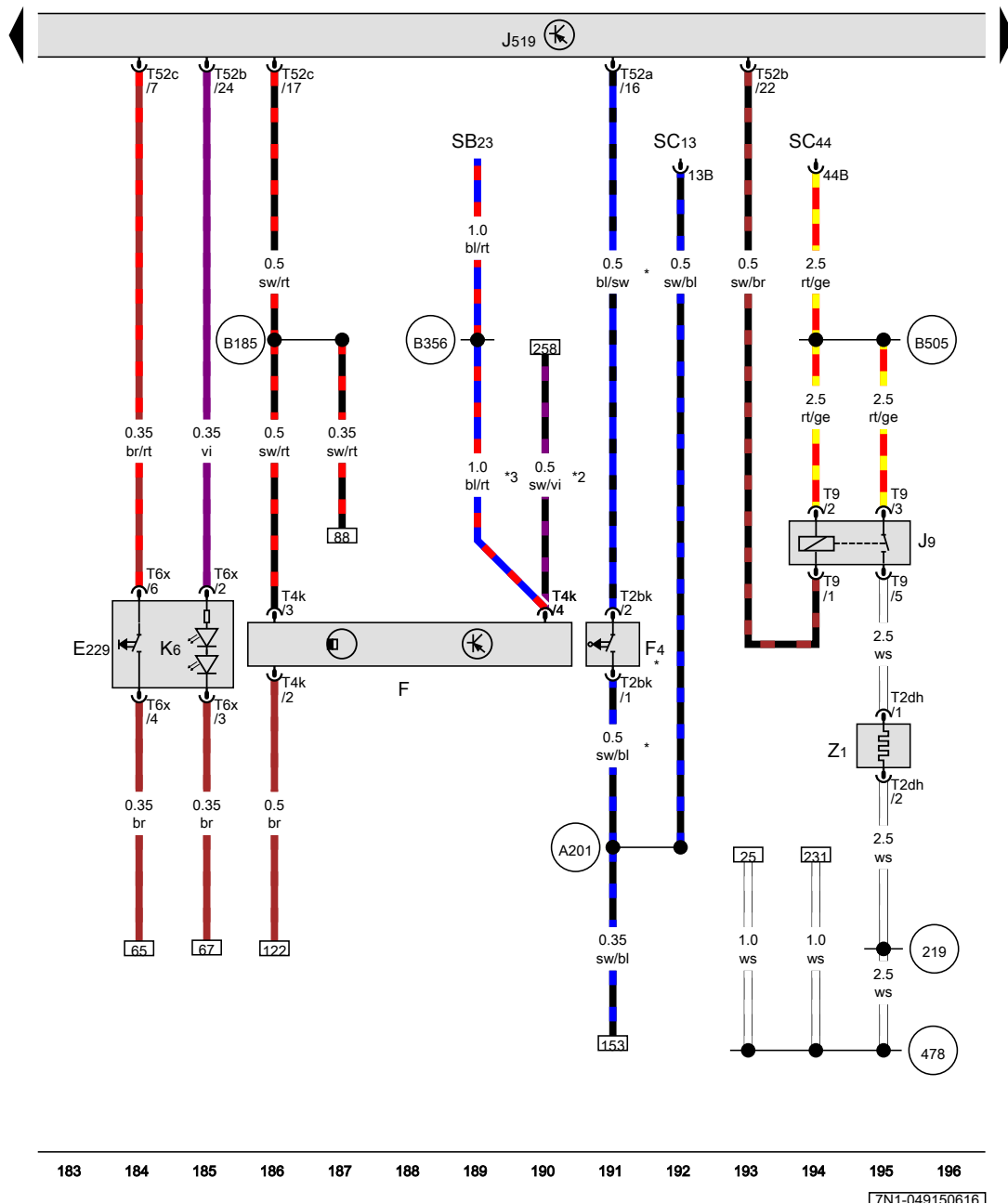


Blocking diode, Onboard supply control unit, Cigarette lighter, 12 V socket 2, Luggage compartment light on left, Right luggage compartment light

- J29 Blocking diode
- J519 Onboard supply control unit
- SC30 Fuse 30 on fuse holder C
- T2au 2-pin connector
- T2av 2-pin connector
- T3p 3-pin connector
- T3t 3-pin connector
- T52a 52-pin connector
- T52b 52-pin connector
- T52c 52-pin connector
- U1 Cigarette lighter
- U18 12 V socket 2
- W18 Luggage compartment light on left
- W35 Right luggage compartment light
- 391 Earth connection 26, in main wiring harness
- 392 Earth connection 27, in main wiring harness
- 396 Earth connection 31, in main wiring harness
- 688 Earth point 2, on centre tunnel
- 730 Earth point 1, on right rear wheel housing
- B340 Connection 1 (58d), in main wiring harness
- B342 Connection 3 (58d), in main wiring harness
- B348 Connection 1 (75a), in main wiring harness
- B349 Connection 2 (75a), in main wiring harness
- B603 Positive connection 2 (30g), in main wiring harness
- * According to equipment

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 sw = black
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 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

Hazard warning lights button, Brake light switch, Reversing light switch, Heated rear window relay, Onboard supply control unit

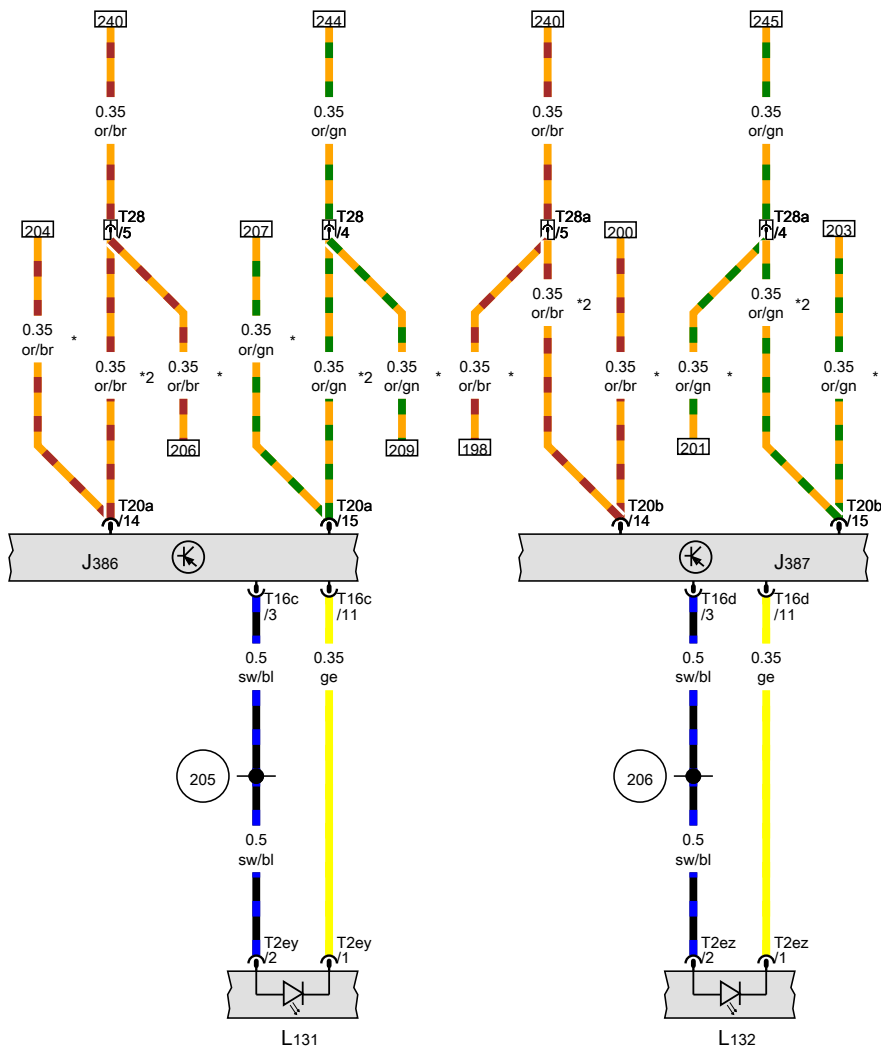
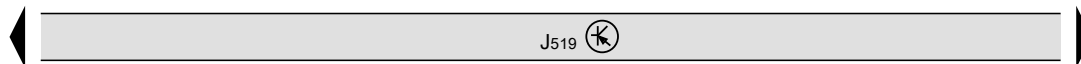


- E229 Hazard warning lights button
- F Brake light switch
- F4 Reversing light switch
- J9 Heated rear window relay
- J519 Onboard supply control unit
- K6 Indicator lamp for hazard warning light
- SC13 Fuse 13 on fuse holder C
- SB23 Fuse 23 on fuse holder B
- SC44 Fuse 44 on fuse holder C
- T1 Single connector
- T2bk 2-pin connector
- T2dh 2-pin connector
- T4k 4-pin connector
- T6x 6-pin connector
- T9 9-pin connector
- T52a 52-pin connector
- T52b 52-pin connector
- T52c 52-pin connector
- Z1 Heated rear window

- (219) Earth connection 2, in rear lid wiring harness
- (478) Earth connection 3, in rear lid wiring harness
- (A201) Positive connection 6 (15a) in dash panel wiring harness
- (B185) Connection 2 (54), in interior wiring harness
- (B356) Positive connection 7 (87a) in main wiring harness
- (B505) Positive connection 9 (30a), in interior wiring harness

- * Not for models with dual clutch gearbox
- *2 Up to October 2011
- *3 From November 2011

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



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

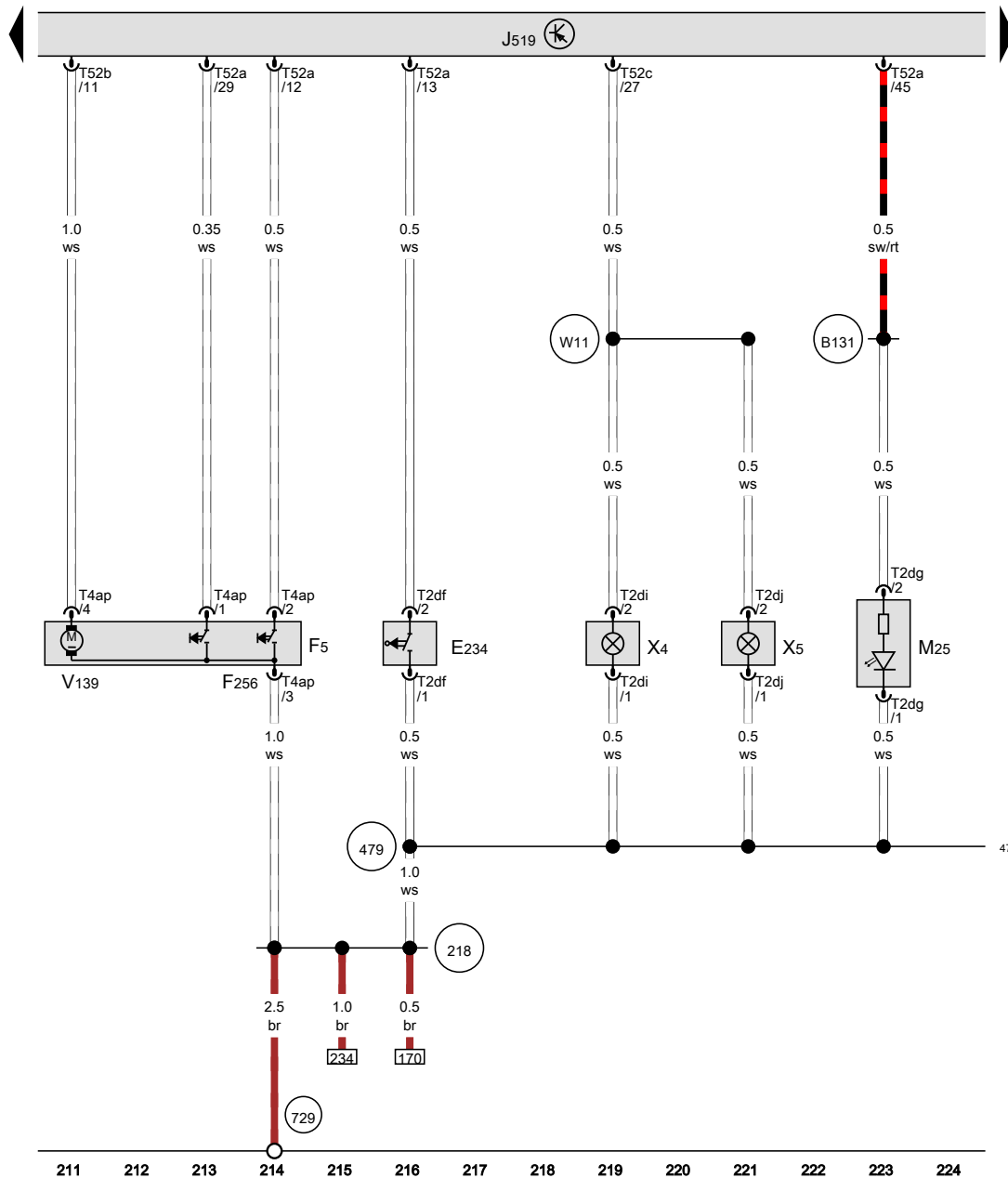
- J386 Driver door control unit
- J387 Front passenger door control unit
- J519 Onboard supply control unit
- L131 Driver side turn signal repeater bulb
- L132 Front passenger side turn signal repeater bulb
- T2ey 2-pin connector
- T2ez 2-pin connector
- T16c 16-pin connector
- T16d 16-pin connector
- T20a 20-pin connector
- T20b 20-pin connector
- T28 28-pin connector
- T28a 28-pin connector

- 205 Earth connection, in driver door wiring harness
- 206 Earth connection, in front passenger door wiring harness
- * Only right-hand drive models
- *2 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

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

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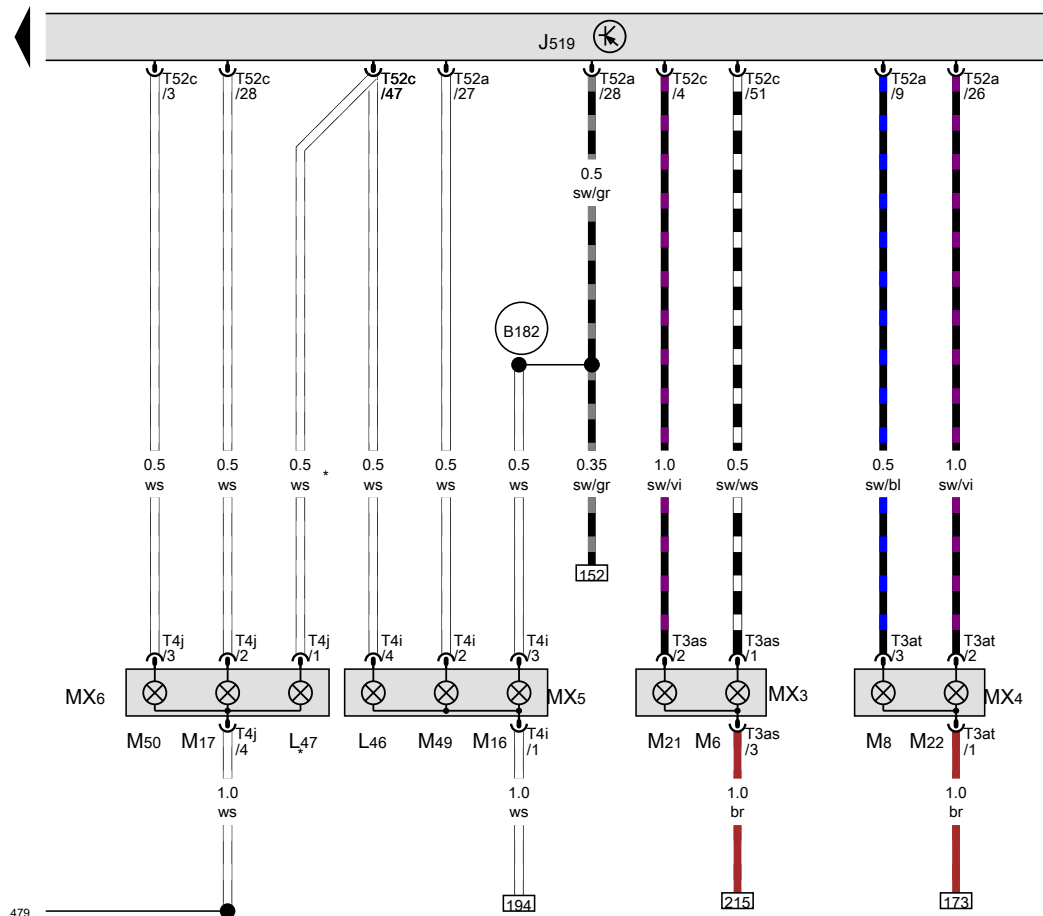
ws = white
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 rs = pink

Rear lid handle release button, Luggage compartment light switch, Rear lid lock unit, Onboard supply control unit, High-level brake light bulb, Left number plate light, Right number plate light

- E234 Rear lid handle release button
- F5 Luggage compartment light switch
- F256 Rear lid lock unit
- J519 Onboard supply control unit
- M25 High-level brake light bulb
- T2df 2-pin connector
- T2dg 2-pin connector
- T2di 2-pin connector
- T2dj 2-pin connector
- T4ap 4-pin connector
- T52a 52-pin connector
- T52b 52-pin connector
- T52c 52-pin connector
- V139 Rear lid release motor
- X4 Left number plate light
- X5 Right number plate light

- 218 Earth connection 1, in rear lid wiring harness
- 479 Earth connection 4, in rear lid wiring harness
- 729 Earth point, on left rear wheel housing
- B131 Connection (54), in interior wiring harness
- W11 Connection (58), in rear lid wiring harness

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



- J519 Onboard supply control unit
- L46 Rear left fog light bulb
- L47 Rear right fog light bulb
- MX3 Left tail light
- 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
- M49 Left tail light bulb 2
- M50 Right tail light bulb 2
- T3as 3-pin connector
- T3at 3-pin connector
- T4i 4-pin connector
- T4j 4-pin connector
- T52a 52-pin connector
- T52c 52-pin connector

479 Earth connection 4, in rear lid wiring harness

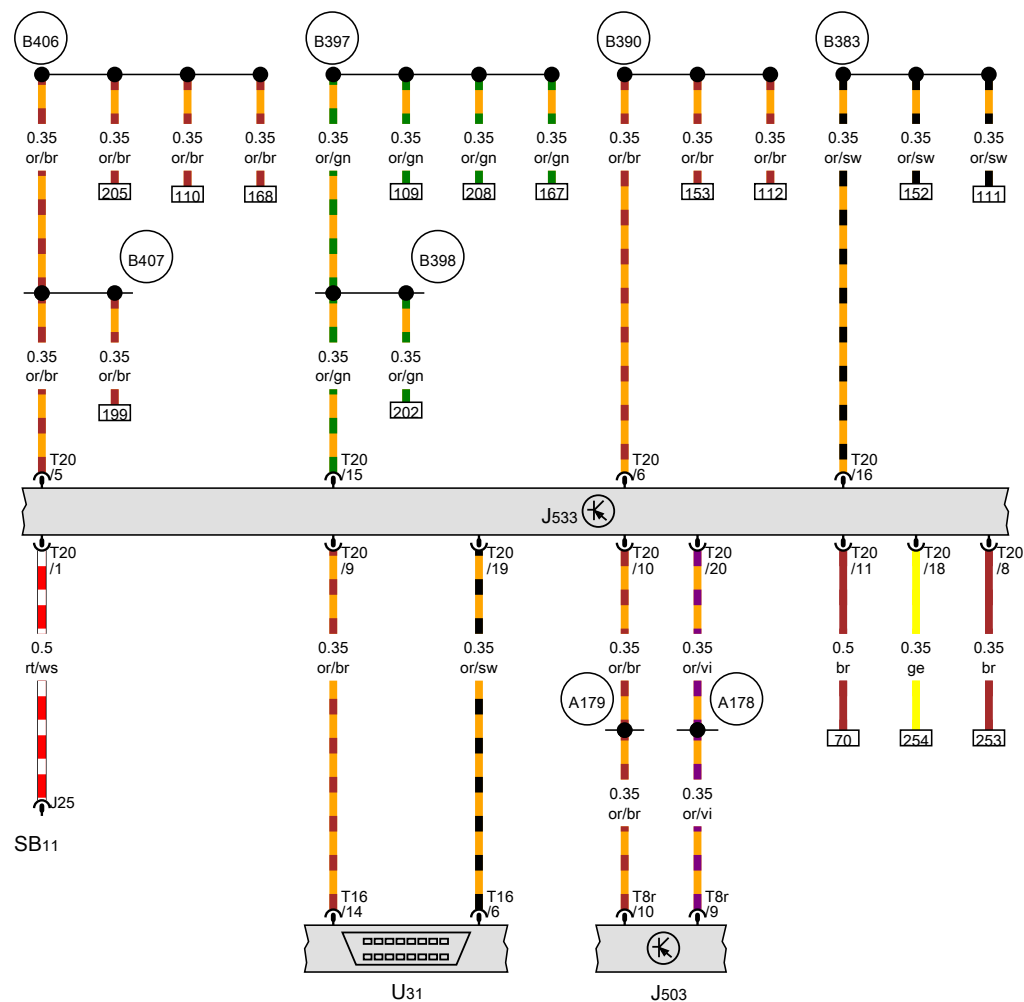
B182 Connection (RL), in interior wiring harness

* 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 with display for radio and navigation, Data bus diagnostic interface, Diagnostic connection

- J503 Control unit with display for radio and navigation
- J533 Data bus diagnostic interface
- SB11 Fuse 11 on fuse holder B
- T8r 8-pin connector
- T16 16-pin connector
- T20 20-pin connector
- U31 Diagnostic connection
- A178 Connection (infotainment CAN bus, high), in dash panel wiring harness
- A179 Connection (infotainment CAN bus, low), in dash panel 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



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

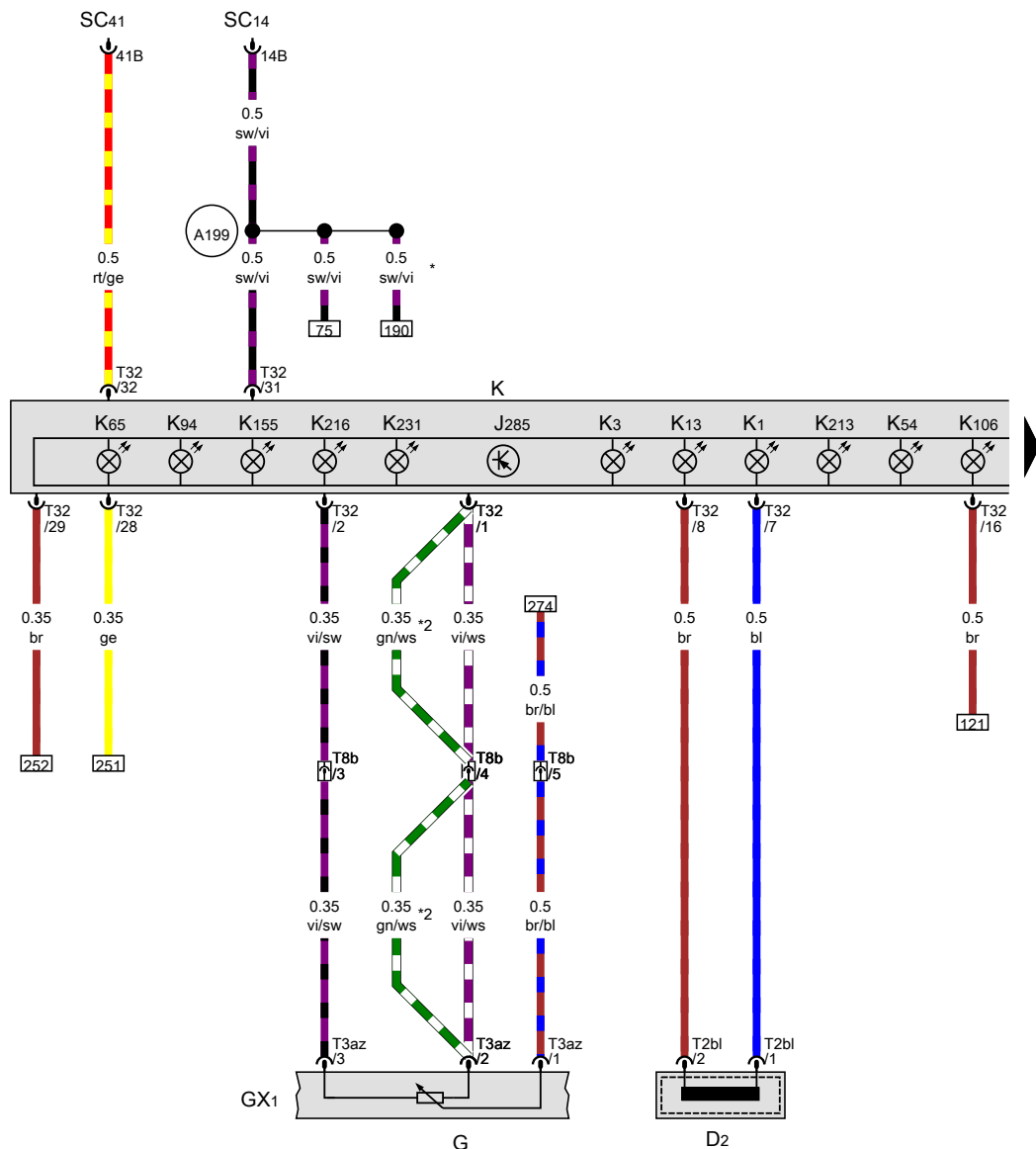
Immobiliser reader coil, Fuel delivery unit, Dash panel insert

- D2 Immobiliser reader coil
- G Fuel gauge sender
- GX1 Fuel delivery unit
- J285 Control unit in dash panel insert
- K Dash panel insert
- K1 Main beam warning lamp
- K3 Oil pressure warning lamp
- K13 Rear fog light warning lamp
- K54 Battery charge condition warning lamp: red LED for less than 12 Volt
- K65 Left turn signal warning lamp
- K94 Right turn signal warning lamp
- K106 Washer fluid low warning lamp
- K155 Warning lamp for electronic stabilisation program and TCS
- K213 Electromechanical parking brake warning lamp
- K216 Warning lamp 2 for electronic stabilisation program and TCS
- K231 Diesel particulate filter warning lamp
- SC14 Fuse 14 on fuse holder C
- SC41 Fuse 41 on fuse holder C
- T2bl 2-pin connector
- T3az 3-pin connector
- T8b 8-pin connector
- T32 32-pin connector

A199 Positive connection 4 (15a) in dash panel wiring harness

- * Up to October 2011
- *2 From November 2011

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

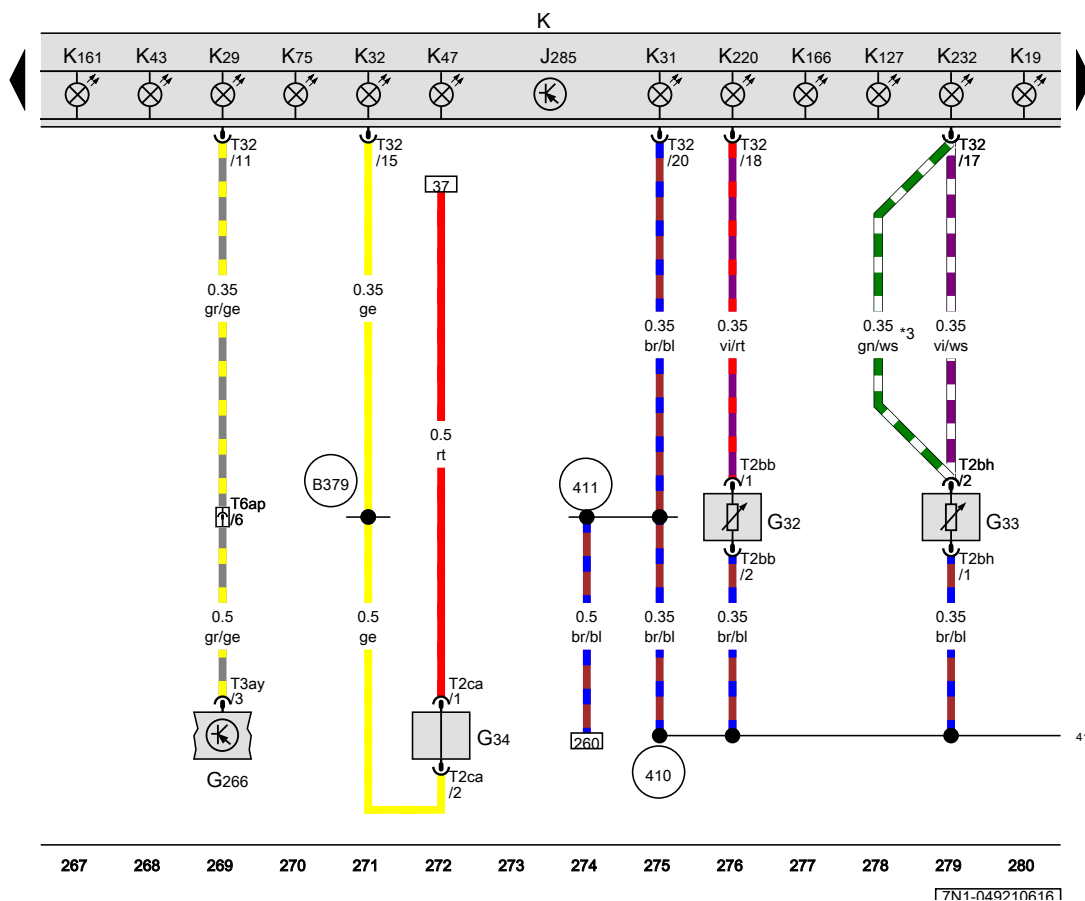


Coolant shortage indicator sender, Windscreen washer fluid level sender, Front left brake pad wear sender, Oil level and oil temperature sender, Dash panel insert

- G32 Coolant shortage indicator sender
- G33 Windscreen washer fluid level sender
- G34 Front left brake pad wear sender
- G266 Oil level and oil temperature sender
- J285 Control unit in dash panel insert
- K Dash panel insert
- K19 Seat belt warning system warning lamp
- K29 Glow period warning lamp
- K31 Cruise control system warning lamp
- K32 Brake pad warning lamp
- K43 Coolant temperature warning lamp (too cold)
- K47 ABS warning lamp
- K75 Airbag warning lamp
- K127 Rear lid open warning lamp
- K161 Electromechanical power steering warning lamp
- K166 Door open warning lamp
- K220 Tyre Pressure Loss Indicator warning lamp
- K232 Lane change assist warning lamp
- T2bb 2-pin connector
- T2bh 2-pin connector
- T2ca 2-pin connector
- T3ay 3-pin connector
- T6ap 6-pin connector
- T32 32-pin connector

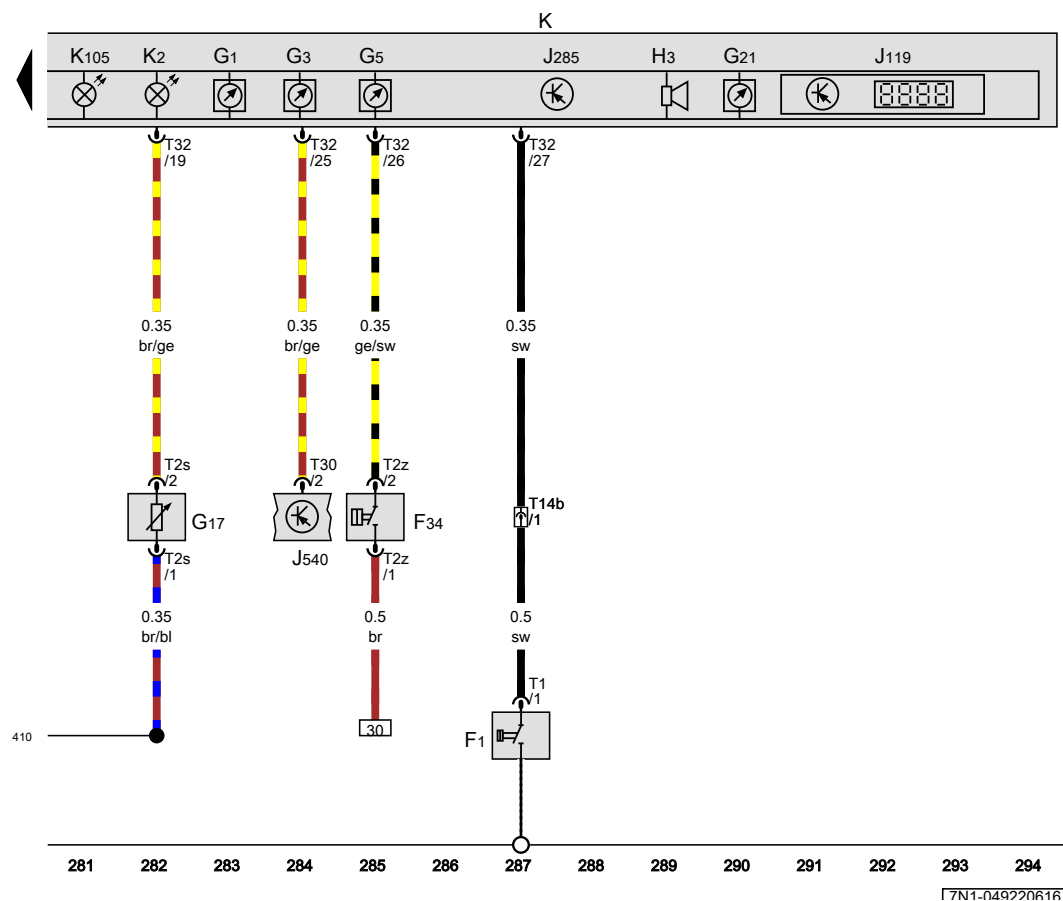
- 410 Earth connection 1 (sender earth) in main wiring harness
- 411 Earth connection 2 (sender earth) in main wiring harness
- B379 Connection 1 (brake pad wear indicator), in main wiring harness
- * Only right-hand drive models
- *2 Only left-hand drive models
- *3 From November 2011

ws = white
 sw = black
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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



Oil pressure switch, Brake fluid level warning contact, Ambient temperature sensor, Control unit for electromechanical parking brake, Dash panel insert

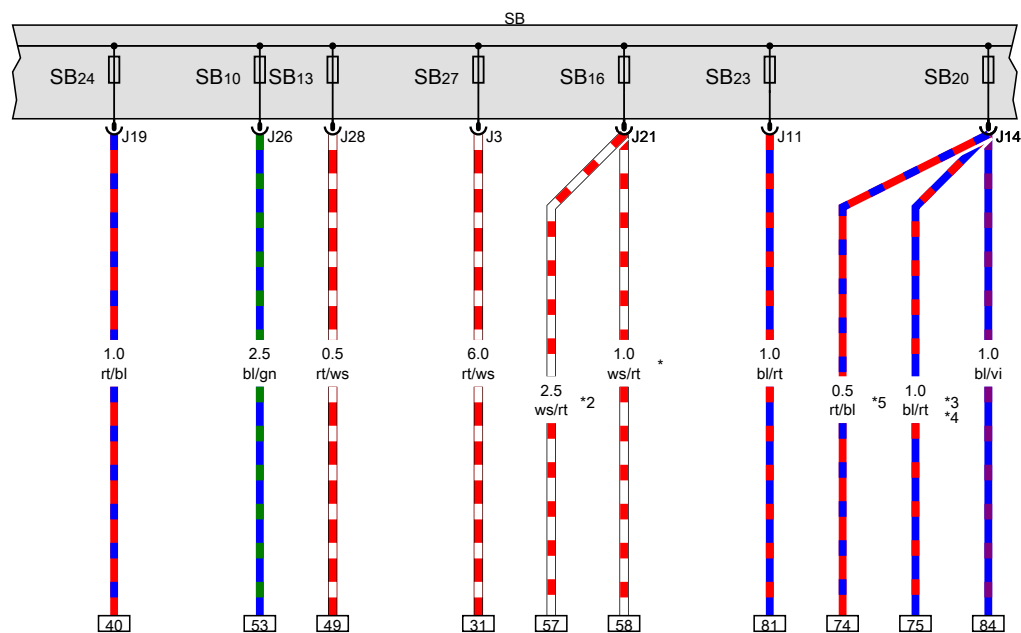
- F1 Oil pressure switch
- F34 Brake fluid level warning contact
- G1 Fuel gauge
- G3 Coolant temperature gauge
- G5 Rev. counter
- G17 Ambient temperature sensor
- G21 Speedometer
- H3 Buzzer and gong
- J119 Multifunction indicator
- J285 Control unit in dash panel insert
- J540 Control unit for electromechanical parking brake
- K Dash panel insert
- K2 Alternator warning lamp
- K105 Reserve fuel warning lamp
- T1 Single connector
- T2s 2-pin connector
- T2z 2-pin connector
- T14b 14-pin connector
- T30 30-pin connector
- T32 32-pin connector



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

2.0l petrol engine , CCZA

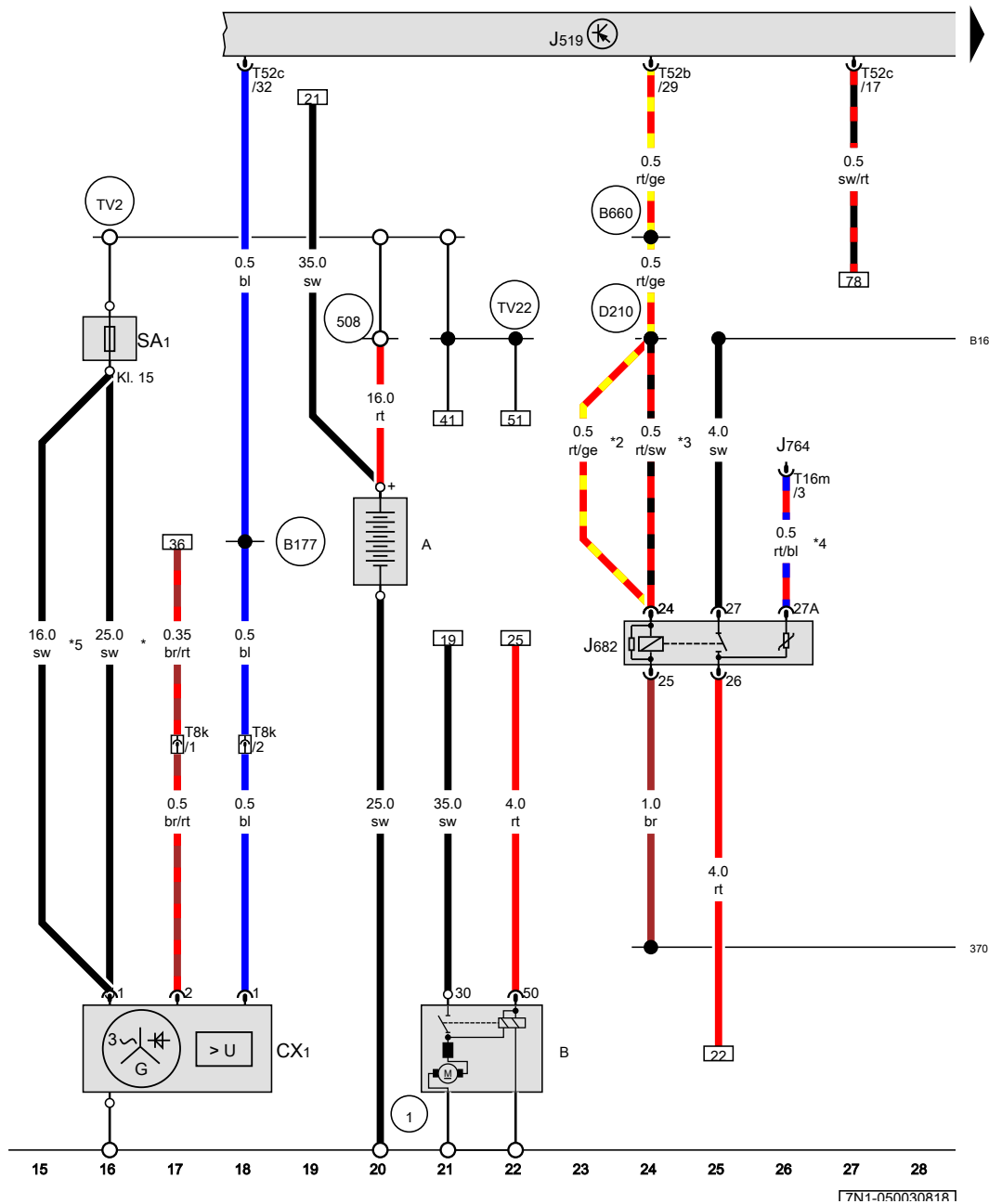
From May 2011



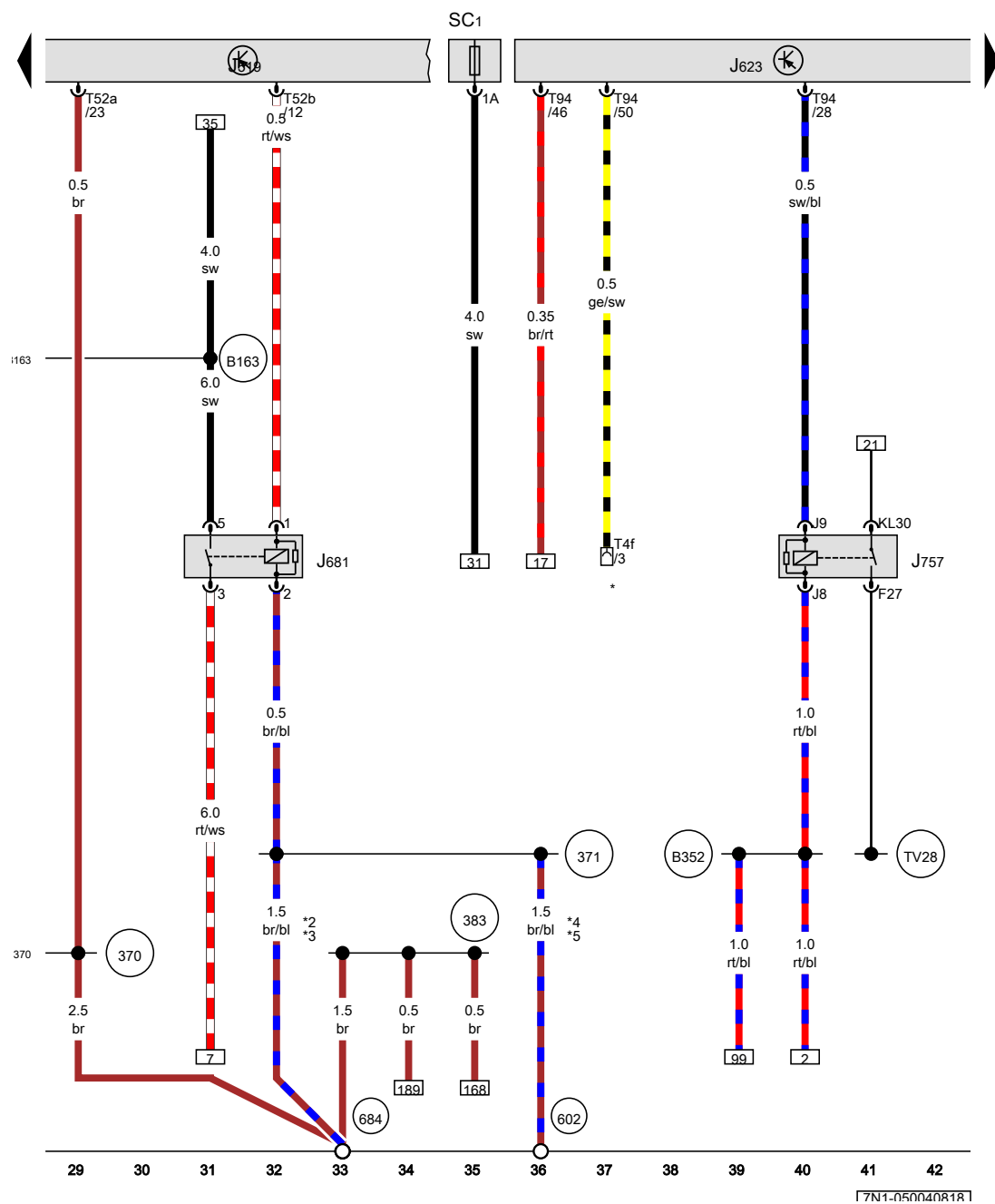
- SB Fuse holder B
- SB10 Fuse 10 on fuse holder B
- SB13 Fuse 13 on fuse holder B
- SB16 Fuse 16 on fuse holder B
- SB20 Fuse 20 on fuse holder B
- SB23 Fuse 23 on fuse holder B
- SB24 Fuse 24 on fuse holder B
- SB27 Fuse 27 on fuse holder B
- * Up to April 2014
- *2 From May 2014
- *3 From May 2015
- *4 Up to May 2017
- *5 From May 2017

ws = white
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 ro = red
 rt = red
 br = brown
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 bl = blue
 gr = grey
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 vi = purple
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Battery, Starter, Alternator with voltage regulator, Onboard supply control unit, Terminal 50 voltage supply relay



- A Battery
- B Starter
- CX1 Alternator with voltage regulator
- J519 Onboard supply control unit
- J682 Terminal 50 voltage supply relay
- J764 Control unit for electronic steering column lock
- SA1 Fuse 1 on fuse holder A
- T8k 8-pin connector
- T16m 16-pin connector
- T52b 52-pin connector
- T52c 52-pin connector
- 1 Earth strap, battery - body
- 370 Earth connection 5, in main wiring harness
- 508 Threaded connection (30) on E-box
- B163 Positive connection 1 (15), in interior wiring harness
- B177 Connection (61), in interior wiring harness
- B660 Connection (diagnosis terminal 50), in main wiring harness
- D210 Connection (50), in engine compartment wiring harness
- TV2 Terminal 30 wiring junction
- TV22 Terminal 30 wiring junction 2
- * Up to May 2017
- *2 From November 2013
- *3 Up to October 2013
- *4 For models with entry and start authorisation
- *5 From May 2017



Onboard supply control unit, Engine/motor control unit, Terminal 15 voltage supply relay 2, Engine component current supply relay, 4-pin connector

- J519 Onboard supply control unit
- J623 Engine/motor control unit
- J681 Terminal 15 voltage supply relay 2
- J757 Engine component current supply relay
- SC1 Fuse 1 on fuse holder C
- T4f 4-pin connector
- T52a 52-pin connector
- T52b 52-pin connector
- T94 94-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

602 Earth point, in front left footwell

684 Earth point on front of left side member

B163 Positive connection 1 (15), in interior wiring harness

B352 Positive connection 3 (87a) in main wiring harness

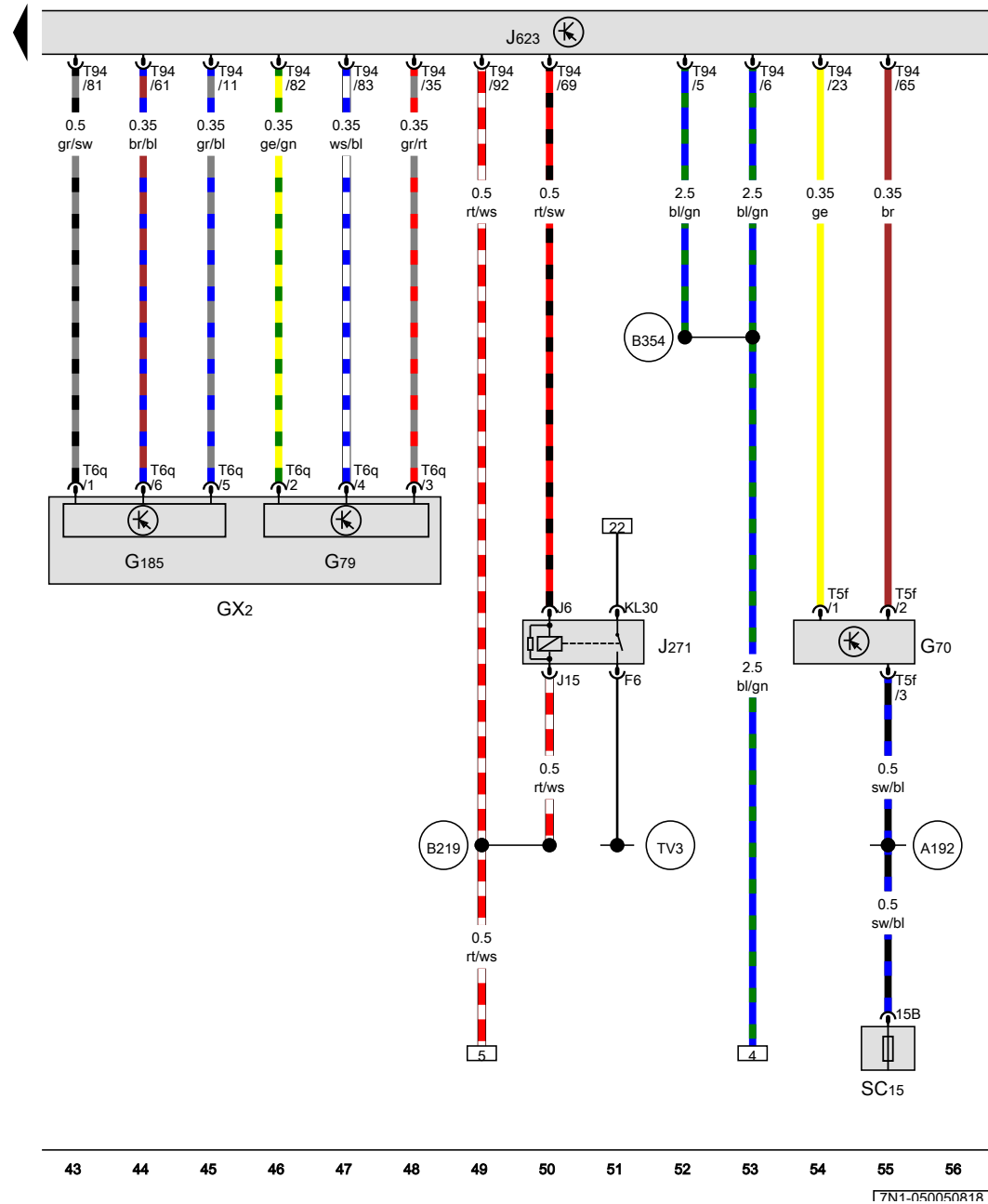
TV28 Terminal 30 wiring junction 3

- * see applicable current flow diagram for radiator fan
- *2 Up to October 2011
- *3 From May 2012
- *4 From November 2011
- *5 Up to April 2012

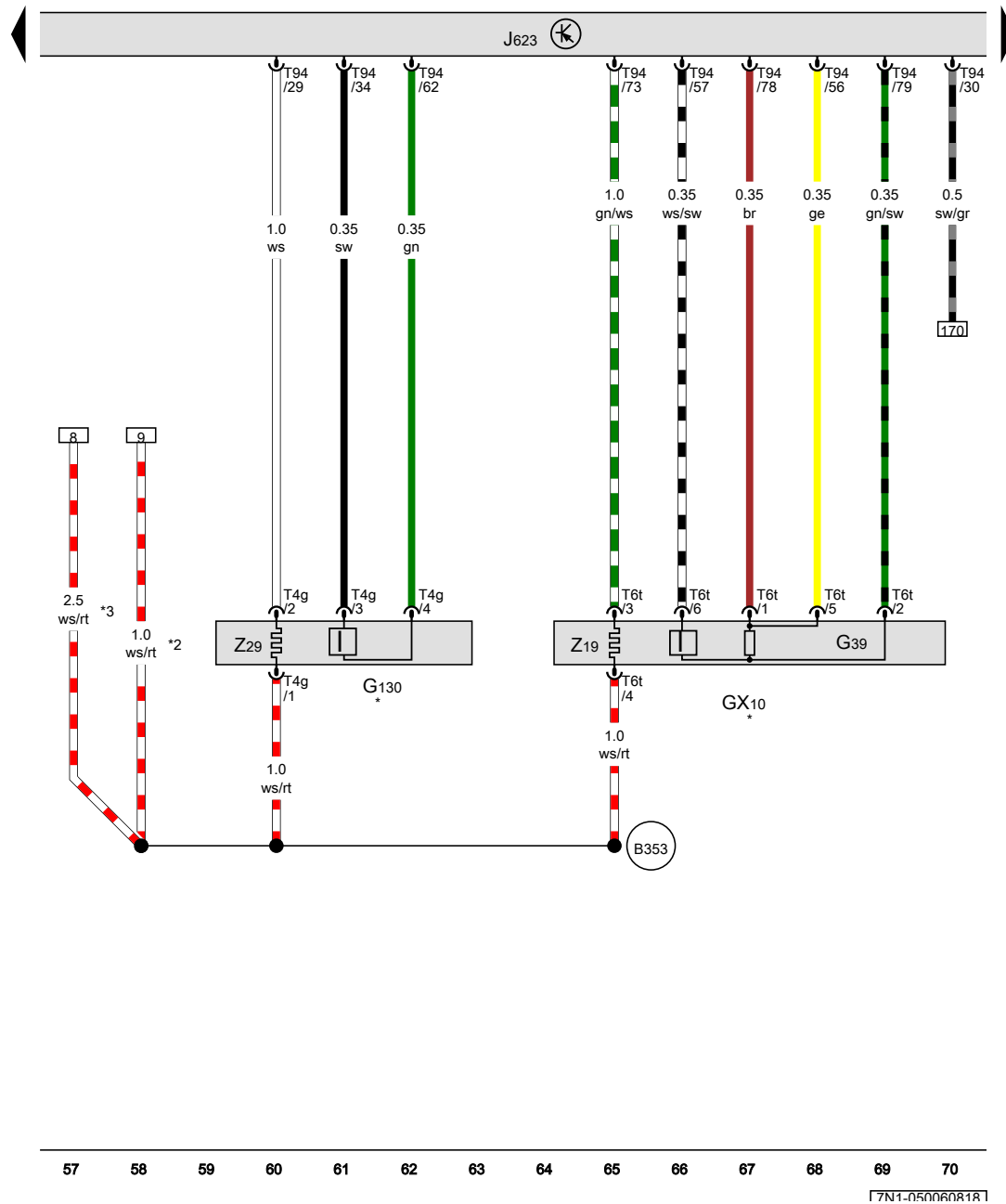
Accelerator pedal module, Air mass meter, Main relay,
Engine/motor control unit

- | | |
|------|-------------------------------|
| GX2 | Accelerator pedal module |
| G70 | Air mass meter |
| G79 | Accelerator position sender |
| G185 | Accelerator position sender 2 |
| J271 | Main relay |
| J623 | Engine/motor control unit |
| SC15 | Fuse 15 on fuse holder C |
| T5f | 5-pin connector |
| T6q | 6-pin connector |
| T94 | 94-pin connector |

- (A192) Positive connection 3 (15a) in dash panel wiring harness
- (B219) Positive connection 4 (30a), in interior wiring harness
- (B354) Positive connection 5 (87a) in main wiring harness
- (TV3) Terminal 30a wiring junction



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



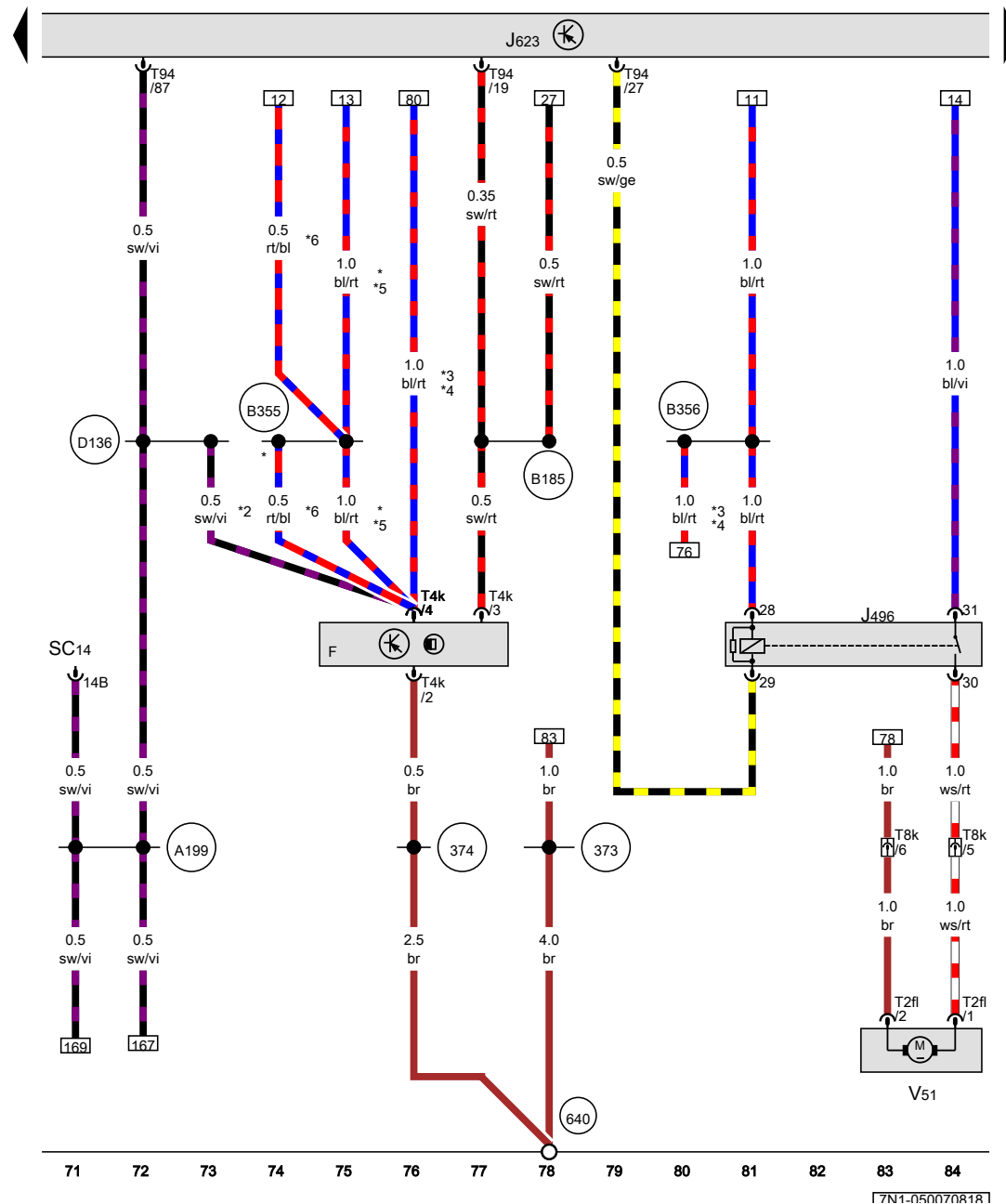
Lambda probe 1 before catalytic converter, Lambda probe after catalytic converter, Engine/motor control unit

- GX10 Lambda probe 1 before catalytic converter
- G39 Lambda probe
- G130 Lambda probe after catalytic converter
- J623 Engine/motor control unit
- T4g 4-pin connector
- T6t 6-pin connector
- T94 94-pin connector
- Z19 Lambda probe heater
- Z29 Lambda probe 1 heater after catalytic converter

B353 Positive connection 4 (87a) in main wiring harness

- * Pre-wired component
- *2 Up to April 2014
- *3 From May 2014

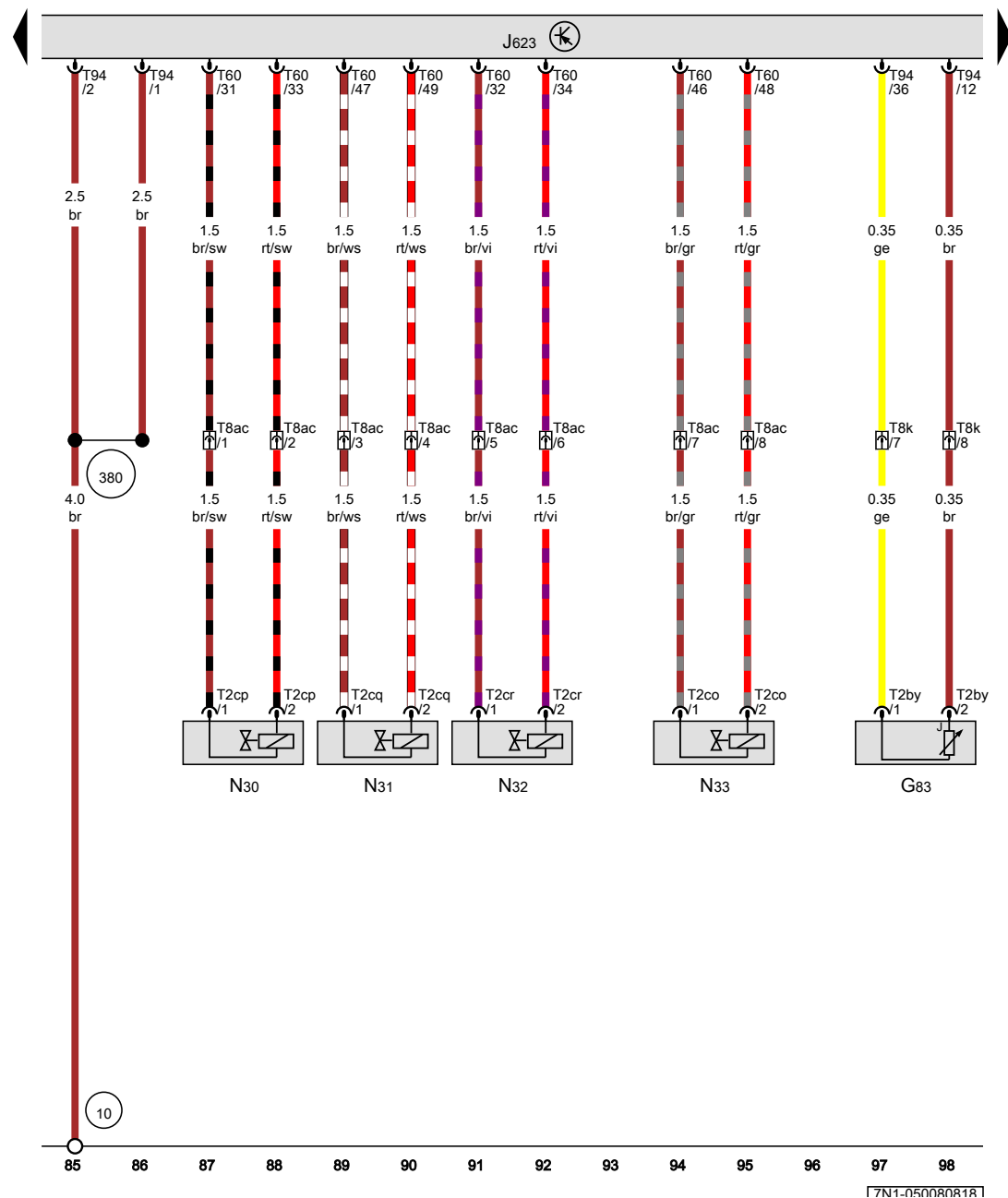
Brake light switch, Additional coolant pump relay, Engine/motor control unit, Continued coolant circulation pump



- F Brake light switch
- J496 Additional coolant pump relay
- J623 Engine/motor control unit
- SC14 Fuse 14 on fuse holder C
- T2fl 2-pin connector
- T4k 4-pin connector
- T8k 8-pin connector
- T94 94-pin connector
- V51 Continued coolant circulation pump

- 373 Earth connection 8, in main wiring harness
- 374 Earth connection 9, in main wiring harness
- 640 Earth point 2, left in engine compartment
- A199 Positive connection 4 (15a) in dash panel wiring harness
- B185 Connection 2 (54), in interior wiring harness
- B355 Positive connection 6 (87a) in main wiring harness
- B356 Positive connection 7 (87a) in main wiring harness
- D136 Positive connection 2 (15a), in engine compartment wiring harness
- * From May 2015
- *2 Up to October 2011
- *3 From November 2011
- *4 Up to May 2015
- *5 Up to May 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
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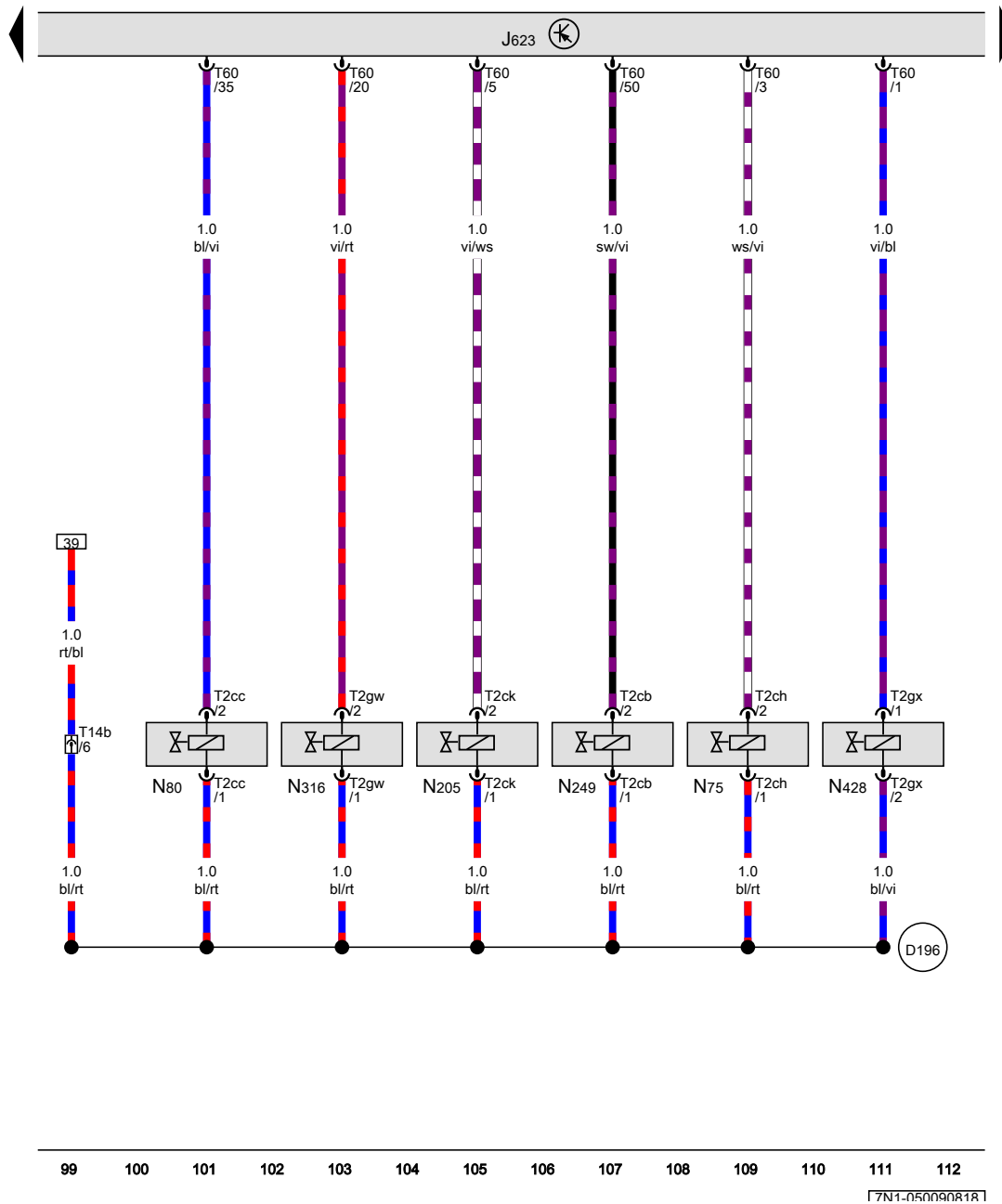
Radiator outlet coolant temperature sender, Engine/motor control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

- G83 Radiator outlet coolant temperature sender
- J623 Engine/motor control unit
- N30 Injector, cylinder 1
- N31 Injector, cylinder 2
- N32 Injector, cylinder 3
- N33 Injector, cylinder 4
- T2by 2-pin connector
- T2co 2-pin connector
- T2cp 2-pin connector
- T2cq 2-pin connector
- T2cr 2-pin connector
- T8ac 8-pin connector
- T8k 8-pin connector
- T60 60-pin connector
- T94 94-pin connector

10 Earth point, in plenum chamber

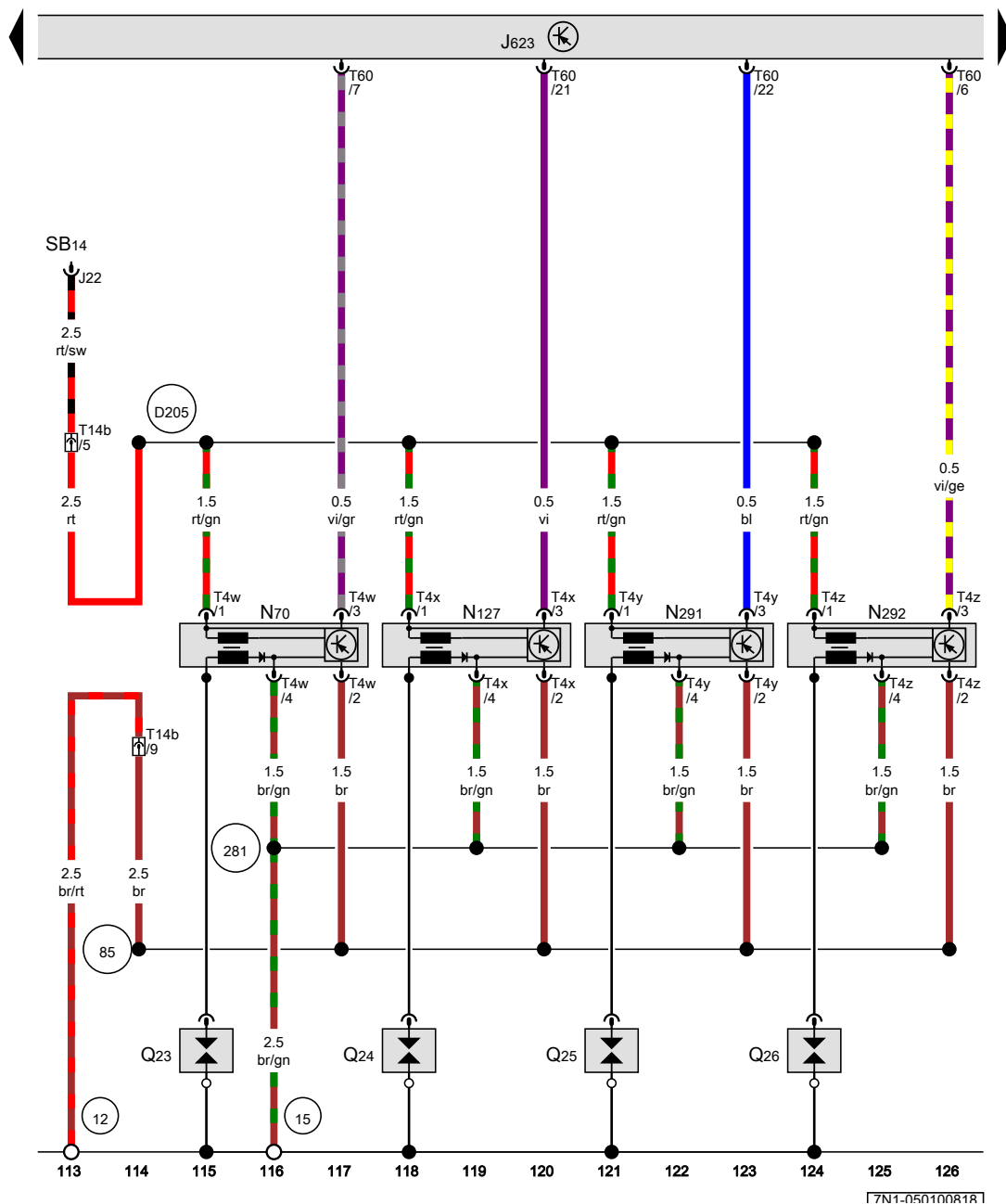
380 Earth connection 15, in main wiring harness

- 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



Engine/motor control unit, Charge pressure control solenoid valve, Activated charcoal filter solenoid valve 1, Camshaft control valve 1, Turbocharger air recirculation valve, Intake manifold flap valve, Valve for oil pressure control

- J623 Engine/motor control unit
- N75 Charge pressure control solenoid valve
- N80 Activated charcoal filter solenoid valve 1
- N205 Camshaft control valve 1
- N249 Turbocharger air recirculation valve
- N316 Intake manifold flap valve
- N428 Valve for oil pressure control
- T2cb 2-pin connector
- T2cc 2-pin connector
- T2ch 2-pin connector
- T2ck 2-pin connector
- T2gw 2-pin connector
- T2gx 2-pin connector
- T14b 14-pin connector
- T60 60-pin connector
- D196 Connection 2 (87a) in engine prewiring harness

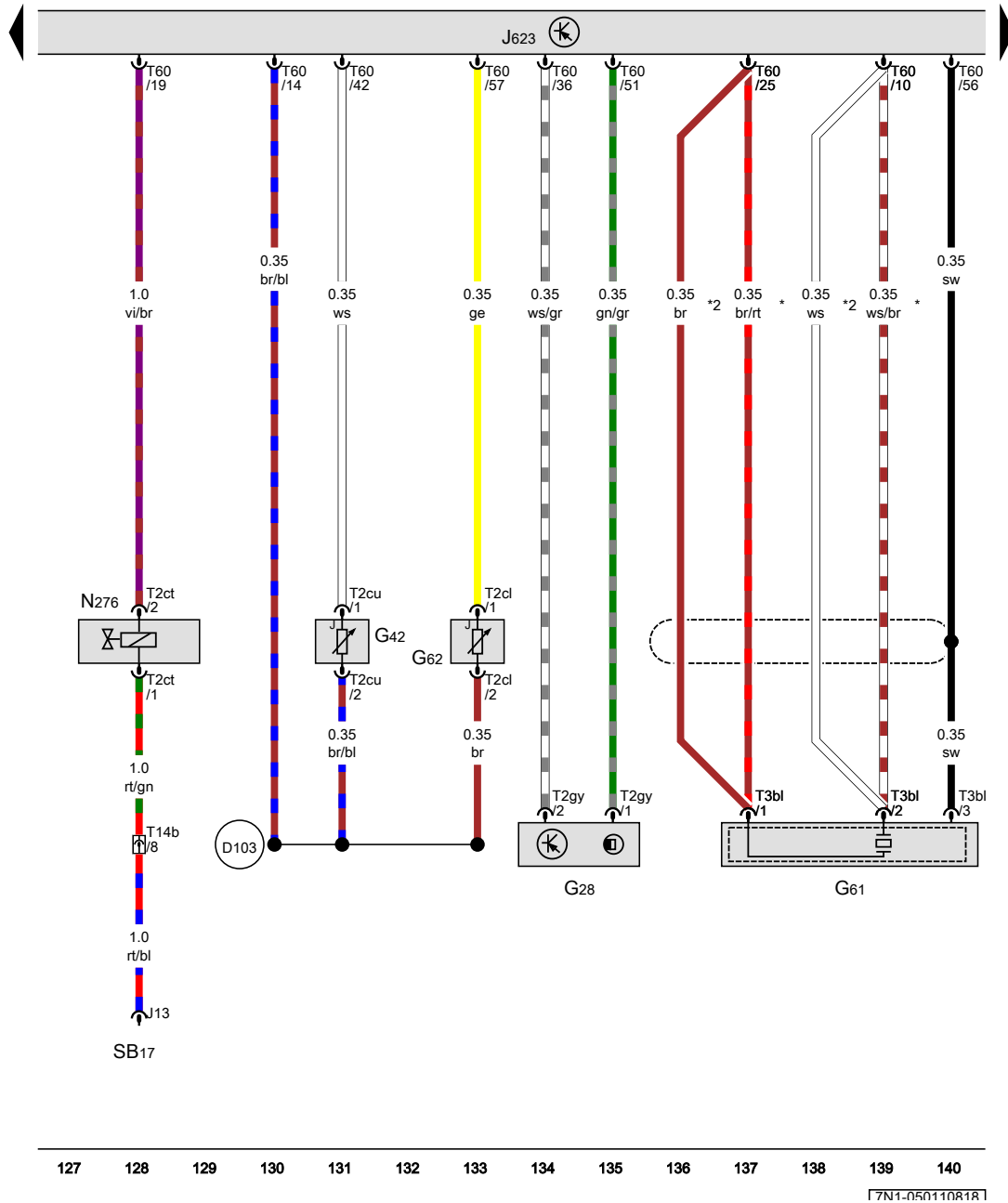


Engine/motor control unit, Ignition coil 1 with output stage, Ignition coil 2 with output stage, Ignition coil 3 with output stage, Ignition coil 4 with output stage

- 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
- Q23 Spark plug 1
- Q24 Spark plug 2
- Q25 Spark plug 3
- Q26 Spark plug 4
- SB14 Fuse 14 on fuse holder B
- T4w 4-pin connector
- T4x 4-pin connector
- T4y 4-pin connector
- T4z 4-pin connector
- T14b 14-pin connector
- T60 60-pin connector

- 12 Earth point, on left in engine compartment
- 15 Earth point, on cylinder head
- 85 Earth connection 1, in engine compartment wiring harness
- 281 Earth point 1, engine prewiring harness
- D205 Connection 3 (87a) in engine prewiring harness

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



Engine speed sender, Intake air temperature sender, Knock sensor 1, Coolant temperature sender, Engine/motor control unit, Fuel pressure regulating valve

- G28 Engine speed sender
- G42 Intake air temperature sender
- G61 Knock sensor 1
- G62 Coolant temperature sender
- J623 Engine/motor control unit
- N276 Fuel pressure regulating valve
- SB17 Fuse 17 on fuse holder B
- T2cl 2-pin connector
- T2ct 2-pin connector
- T2cu 2-pin connector
- T2gy 2-pin connector
- T3bl 3-pin connector
- T14b 14-pin connector
- T60 60-pin connector

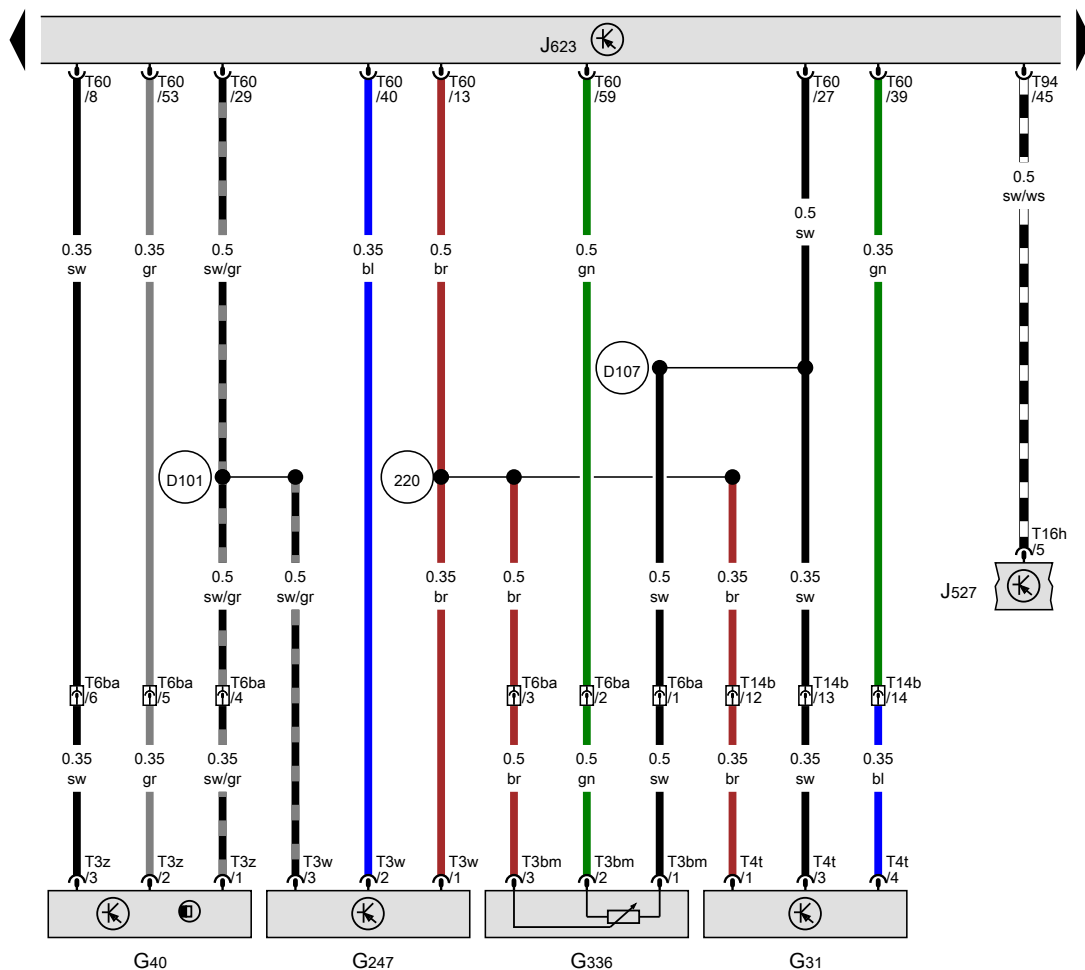
D103 Connection 3 in engine compartment wiring harness

* Up to April 2013

*2 From May 2013

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
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[7N1-050110R18]



Charge pressure sender, Hall sender, Fuel pressure sender, Intake manifold flap potentiometer, Engine/motor control unit

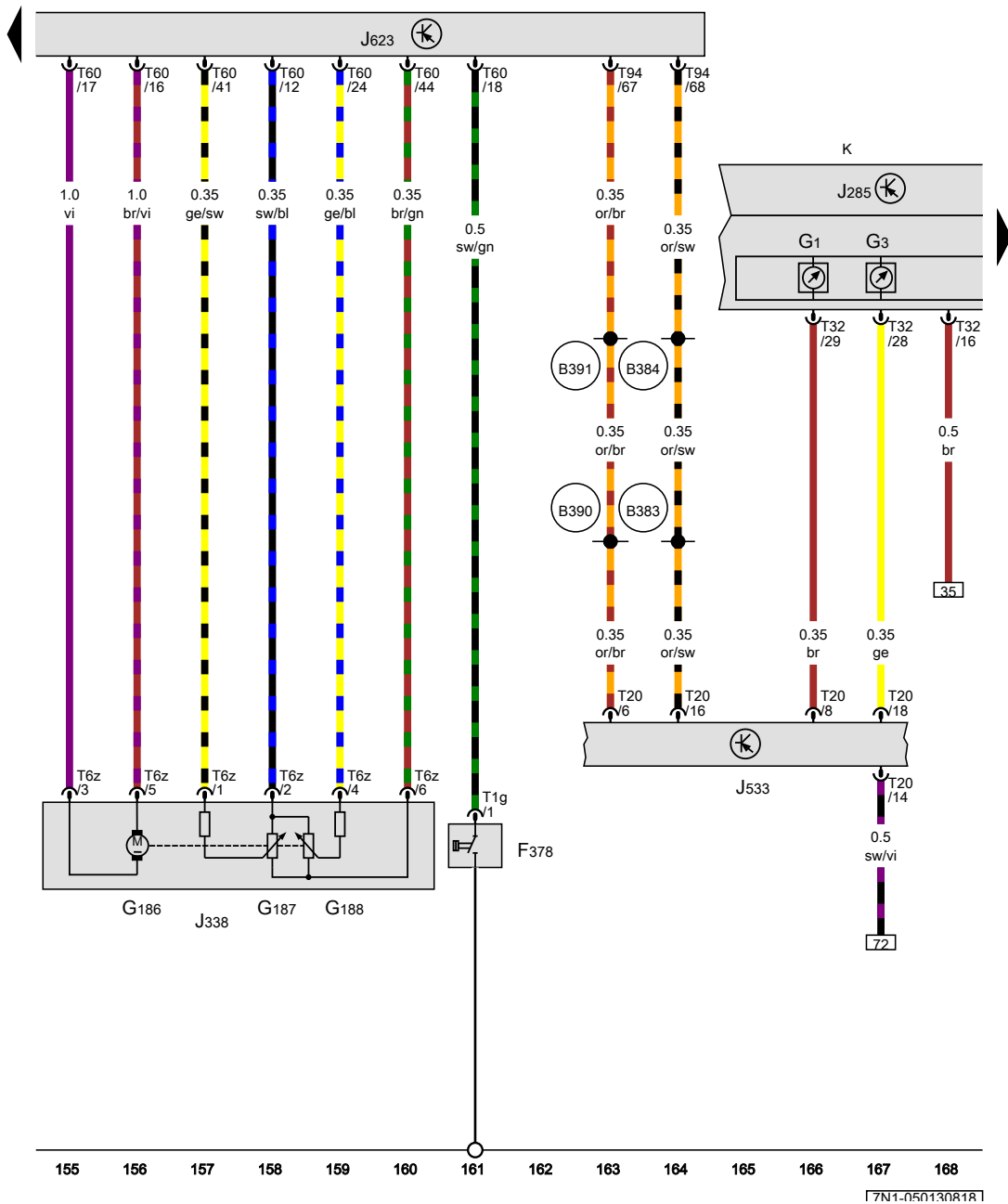
- G31 Charge pressure sender
- G40 Hall sender
- G247 Fuel pressure sender
- G336 Intake manifold flap potentiometer
- J527 Steering column electronics control unit
- J623 Engine/motor control unit
- T3bm 3-pin connector
- T3w 3-pin connector
- T3z 3-pin connector
- T4t 4-pin connector
- T6ba 6-pin connector
- T14b 14-pin connector
- T16h 16-pin connector
- T60 60-pin connector
- T94 94-pin connector

- 220 Earth connection (sender earth), in engine wiring harness
- D101 Connection 1 in engine compartment wiring harness
- D107 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

141 142 143 144 145 146 147 148 149 150 151 152 153 154

17N1-050120R18

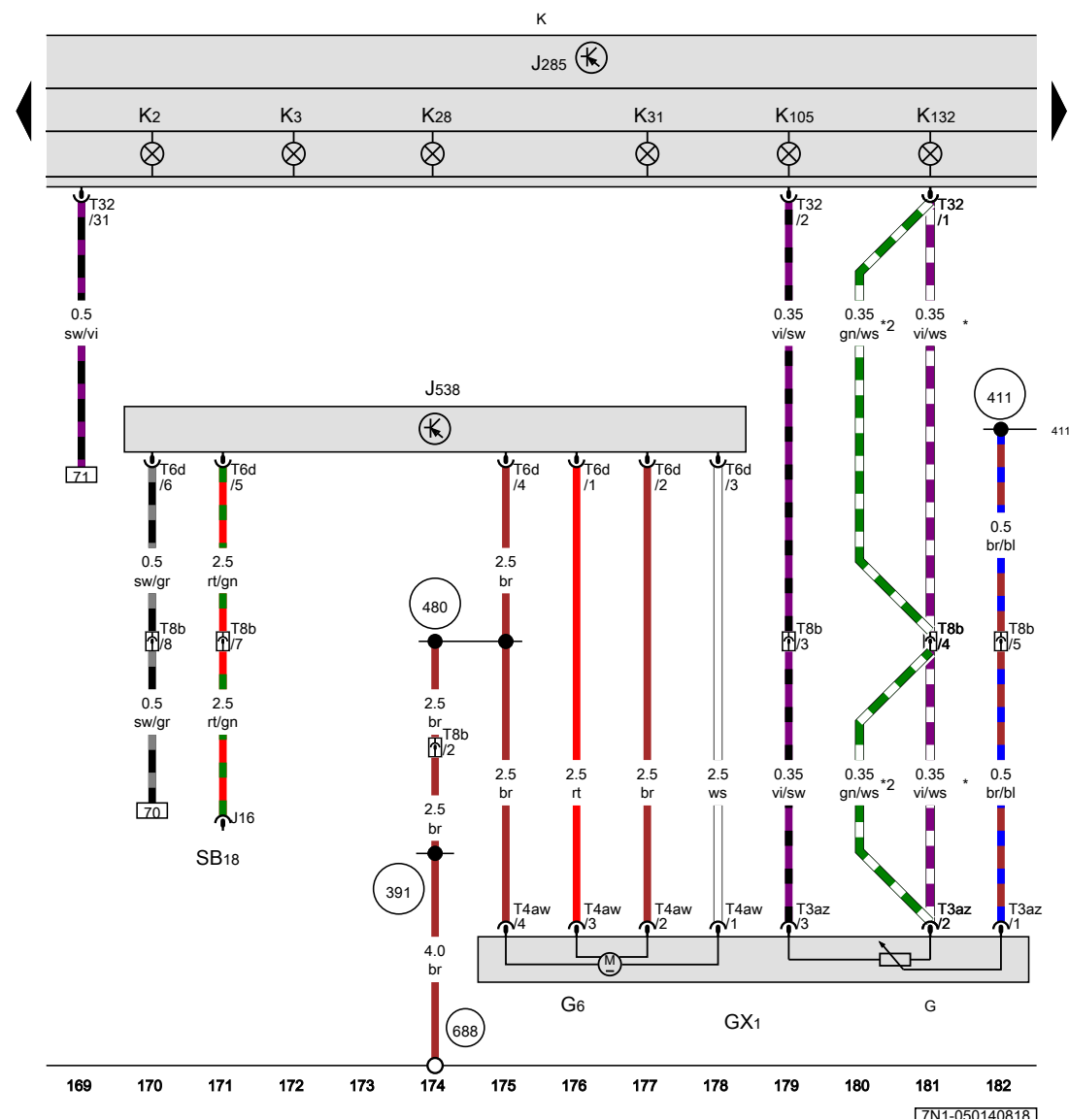


Oil pressure switch for reduced oil pressure, Throttle valve module, Data bus diagnostic interface, Engine/motor control unit, Dash panel insert

- F378 Oil pressure switch for reduced oil pressure
- G1 Fuel gauge
- G3 Coolant temperature gauge
- 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
- J285 Control unit in dash panel insert
- J338 Throttle valve module
- J533 Data bus diagnostic interface
- J623 Engine/motor control unit
- K Dash panel insert
- T1g 1-pin connector
- T6z 6-pin connector
- T20 20-pin connector
- T32 32-pin connector
- T60 60-pin connector
- T94 94-pin connector
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B384 Connection 2 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- B391 Connection 2 (powertrain CAN bus, low), in main wiring harness

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- bl = blue
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- rs = pink

Fuel delivery unit, Fuel pump control unit, Dash panel insert

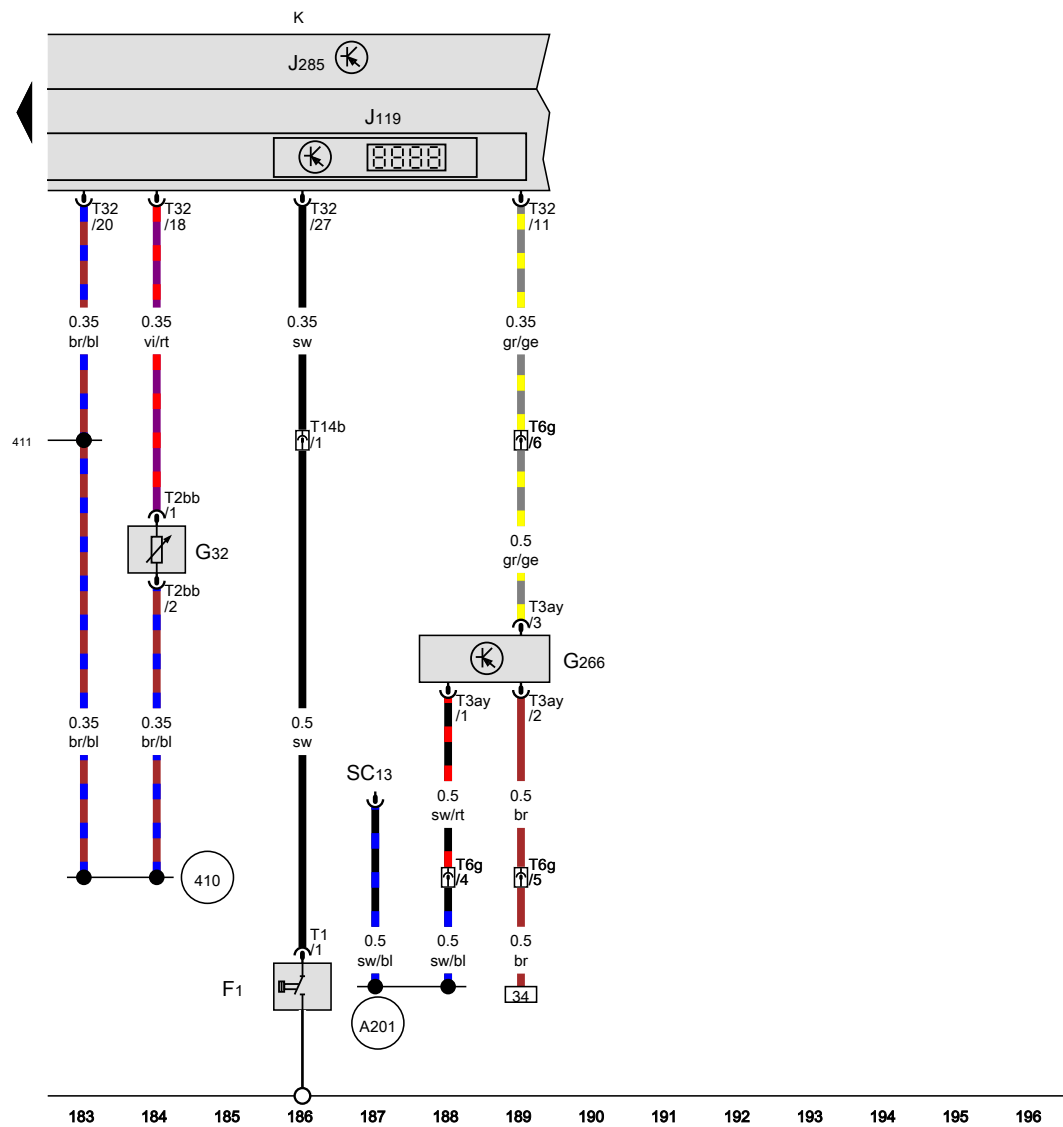


- G Fuel gauge sender
- GX1 Fuel delivery unit
- G6 Fuel system pressurisation pump
- J285 Control unit in dash panel insert
- J538 Fuel pump control unit
- K Dash panel insert
- K2 Alternator warning lamp
- K3 Oil pressure warning lamp
- K28 Coolant temperature and coolant shortage warning lamp
- K31 Cruise control system warning lamp
- K105 Reserve fuel warning lamp
- K132 Electronic power control fault lamp
- SB18 Fuse 18 on fuse holder B
- T3az 3-pin connector
- T4aw 4-pin connector
- T6d 6-pin connector
- T8b 8-pin connector
- T32 32-pin connector

- 391 Earth connection 26, in main wiring harness
- 411 Earth connection 2 (sender earth) in main wiring harness
- 480 Earth connection, in fuel tank wiring harness
- 688 Earth point 2, on centre tunnel
- * Up to October 2013
- *2 From November 2011

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Oil pressure switch, Coolant shortage indicator sender, Oil level and oil temperature sender, Dash panel insert



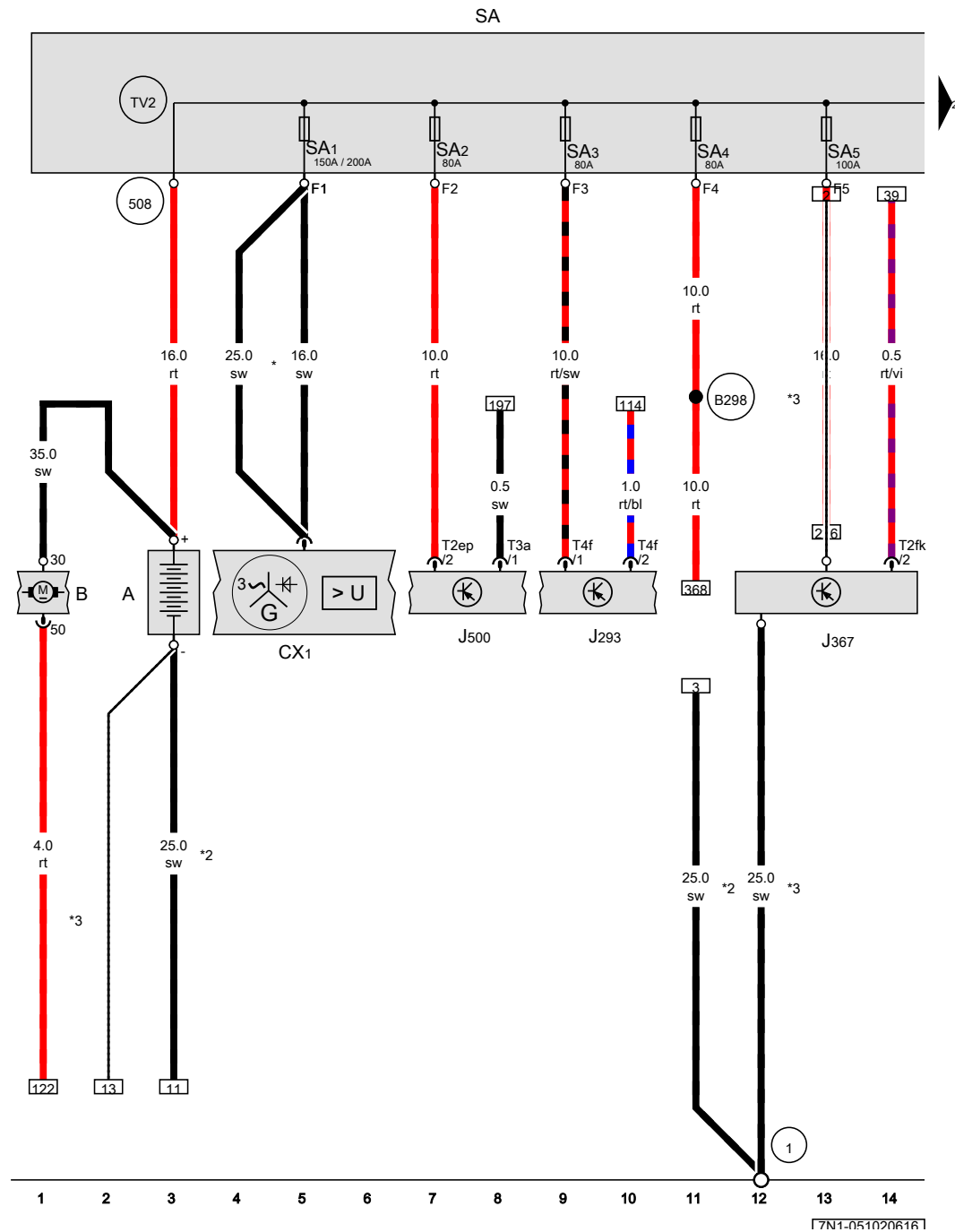
ws = white
sw = black
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vi = purple
ge = yellow
or = orange
rs = pink

- F1 Oil pressure switch
- G32 Coolant shortage indicator sender
- G266 Oil level and oil temperature sender
- J119 Multifunction indicator
- J285 Control unit in dash panel insert
- K Dash panel insert
- SC13 Fuse 13 on fuse holder C
- T1 1-pin connector
- T2bb 2-pin connector
- T3ay 3-pin connector
- T6g 6-pin connector, black
- T14b 14-pin connector
- T32 32-pin connector

- 410 Earth connection 1 (sender earth) in main wiring harness
- 411 Earth connection 2 (sender earth) in main wiring harness
- A201 Positive connection 6 (15a) in dash panel wiring harness

Fuse assignment

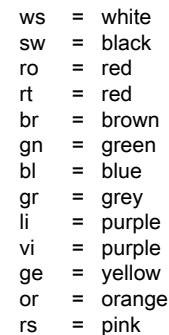
From May 2011



Battery, Starter, Battery monitor control unit, Fuse holder A

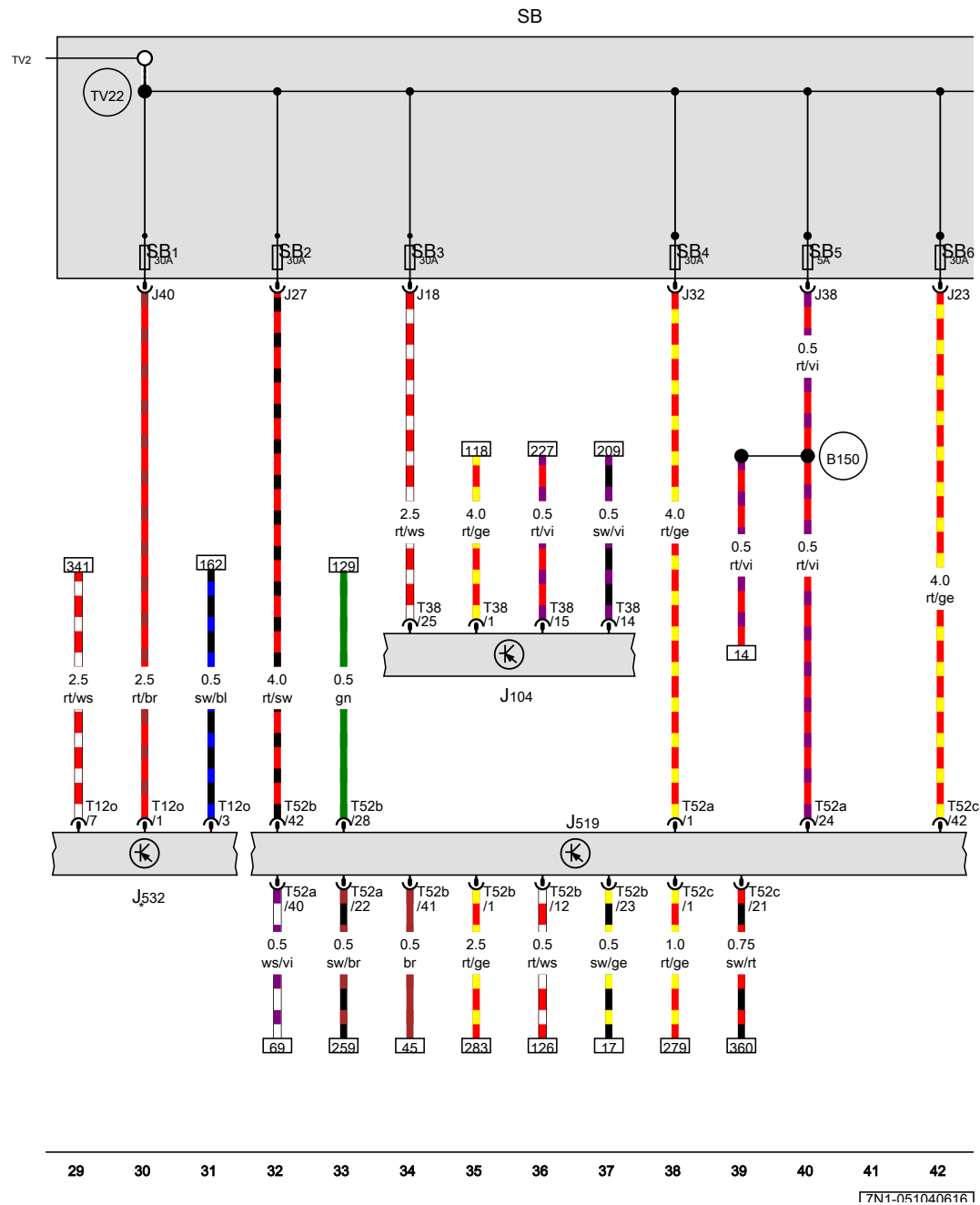
- | | |
|------|--|
| A | Battery |
| B | Starter |
| XC1 | Alternator with voltage regulator |
| J293 | Radiator fan control unit |
| J367 | Battery monitor control unit |
| J500 | Power steering control unit |
| SA | Fuse holder A |
| SA1 | Fuse 1 in fuse holder A |
| SA2 | Fuse 2 in fuse holder A |
| SA3 | Fuse 3 in fuse holder A |
| SA4 | Fuse 4 in fuse holder A |
| SA5 | Fuse 5 in fuse holder A |
| T2ep | 2-pin connector |
| T2fk | 2-pin connector |
| T3a | 3-pin connector |
| T4f | 4-pin connector |
| 1 | Earth strap, battery - body |
| 508 | Threaded connection (30) on E-box |
| B298 | Positive connection 2 (30), in main wiring harness |
| TV2 | Terminal 30 wiring junction |
| * | According to equipment |
| *2 | Only models with no start/stop system |
| *3 | Only models with start/stop system |

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E470	Driver seat adjustment operating unit
E471	Front passenger seat adjustment operating unit
J47	Heated windscreen relay
J359	Low heat output relay
J360	High heat output relay
J731	Right sliding door control unit
J810	Driver seat adjustment control unit
SA	Fuse holder A
SA6	Fuse 6 in fuse holder A
SA7	Fuse 7 in fuse holder A
SA8	Fuse 8 in fuse holder A
S44	Driver seat adjustment thermal fuse 1
S46	Front passenger seat adjustment thermal fuse 1
S362	Thermal fuse 2
T1e	Single connector
T1f	Single connector
T3ap	3-pin connector
T9a	9-pin connector
T10a	10-pin connector
T10b	10-pin connector
T10w	10-pin connector
Z2	Heated windscreen
Z35	Auxiliary air heater element

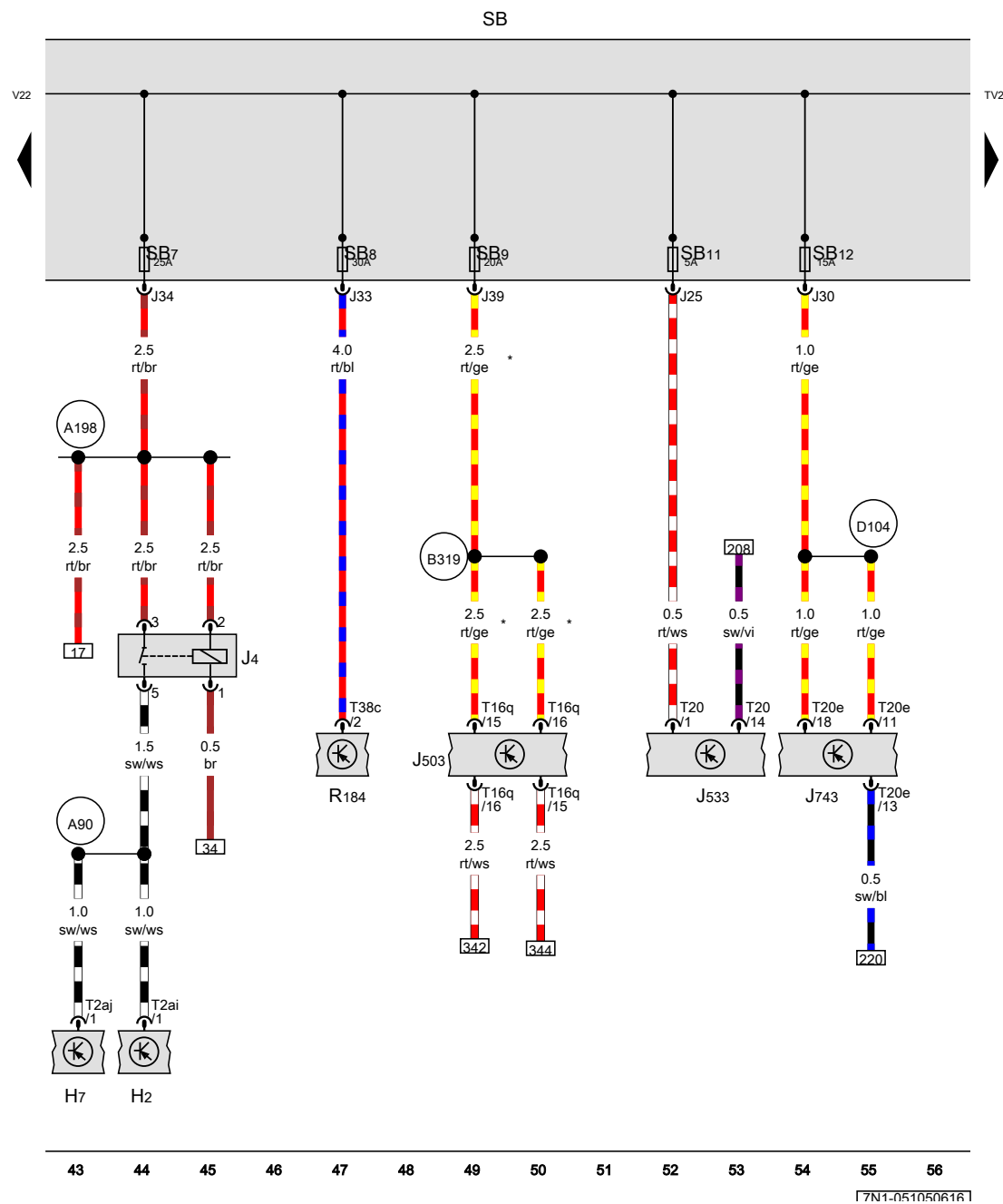
- B146 Positive connection 1 (87), in interior wiring harness
- B217 Connection (auxiliary heater), in interior wiring harness
- B299 Positive connection 3 (30), in main wiring harness
- B301 Positive connection 5 (30), in main wiring harness
- TV2 Terminal 30 wiring junction



Fuse holder B

- | | |
|-------------|---|
| J104 | ABS control unit |
| J519 | Onboard supply control unit |
| J532 | Voltage stabiliser |
| SB | Fuse holder B |
| SB1 | Fuse 1 on fuse holder B |
| SB2 | Fuse 2 on 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 |
| T12o | 12-pin connector |
| T38 | 38-pin connector |
| T52a | 52-pin connector |
| T52b | 52-pin connector |
| T52c | 52-pin connector |
| B150 | Positive connection 2 (30a), in interior wiring harness |
| TV2 | Terminal 30 wiring junction |
| TV22 | Terminal 30 wiring junction 2 |
| * | Only models with start/stop system |

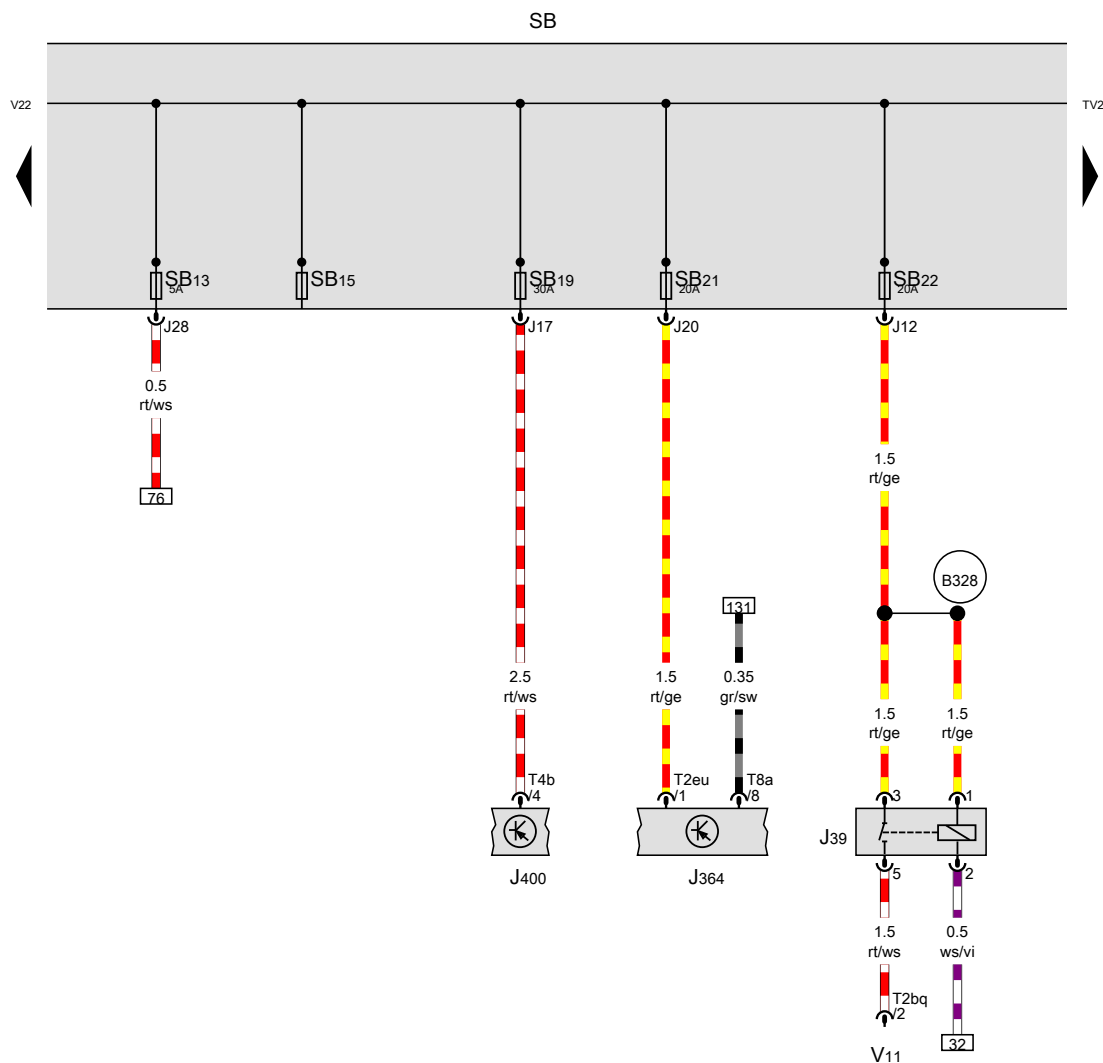
ws	=	white
sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



Fuse holder B

- H2 Treble horn
- H7 Bass horn
- J4 Dual tone horn relay
- J503 Control unit with display for radio and navigation
- J533 Data bus diagnostic interface
- J743 Mechatronic unit for dual clutch gearbox
- R184 Digital sound package amplifier
- 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
- SB12 Fuse 12 on fuse holder B
- T2ai 2-pin connector
- T2aj 2-pin connector
- T16q 16-pin connector
- T20 20-pin connector
- T20e 20-pin connector
- T38c 38-pin connector

- A90 Connection (dual tone horn), in dash panel wiring harness
- A198 Positive connection 6 (30a) in dash panel wiring harness
- B319 Positive connection 5 (30a) in main wiring harness
- D104 Positive connection 2 (30a), in engine compartment wiring harness
- TV22 Terminal 30 wiring junction 2
- * Only models with no start/stop system



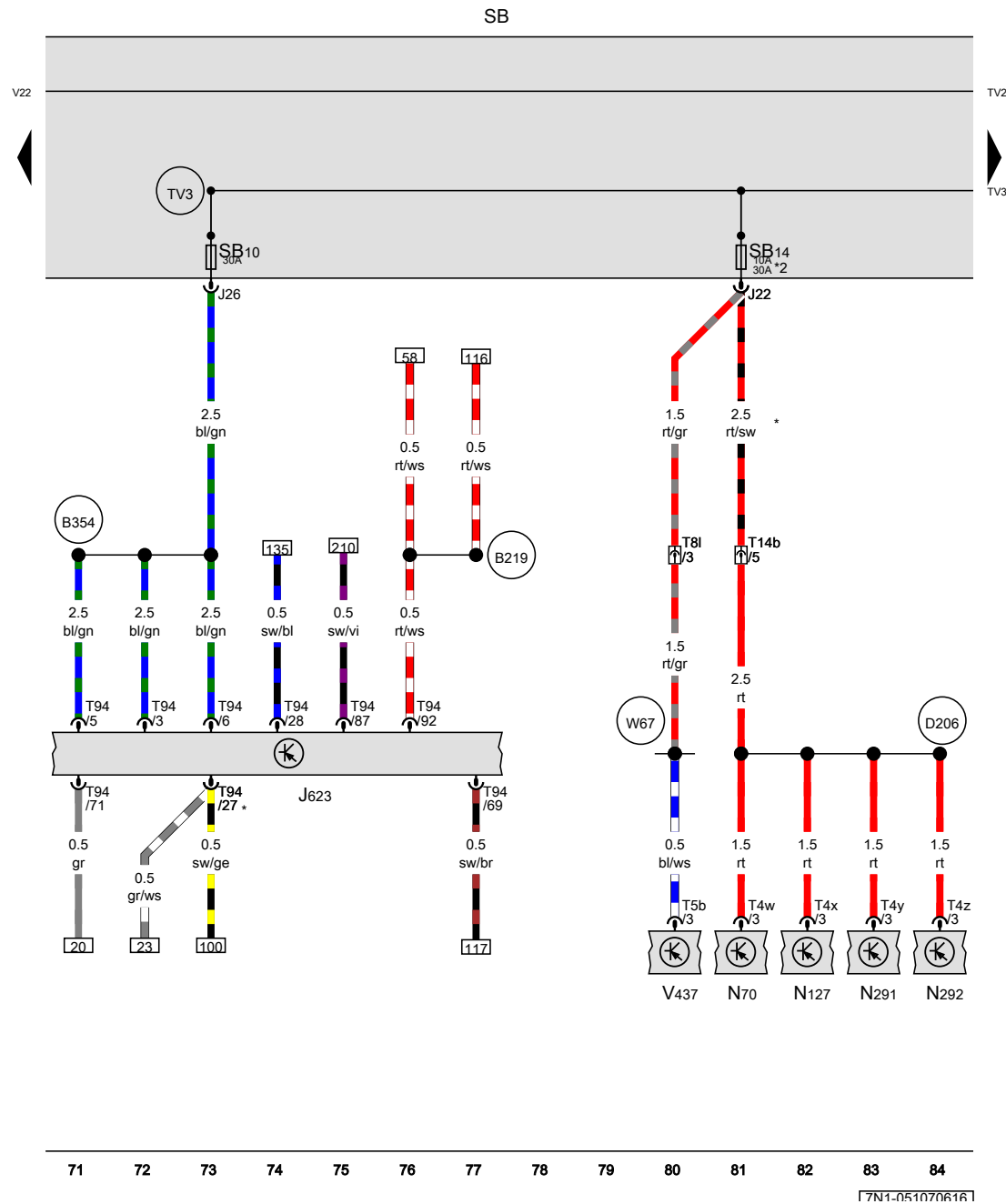
Fuse holder B

- J39 Headlight washer system relay
- J364 Auxiliary heater control unit
- J400 Wiper motor control unit
- SB Fuse holder B
- SB13 Fuse 13 on fuse holder B
- SB15 Fuse 15 on fuse holder B
- SB19 Fuse 19 on fuse holder B
- SB21 Fuse 21 on fuse holder B
- SB22 Fuse 22 on fuse holder B
- T2bq 2-pin connector
- T2eu 2-pin connector
- T4b 4-pin connector
- T8a 8-pin connector
- V11 Headlight washer system pump

B328 Positive connection 14 (30a) in main wiring harness

TV22 Terminal 30 wiring junction 2

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



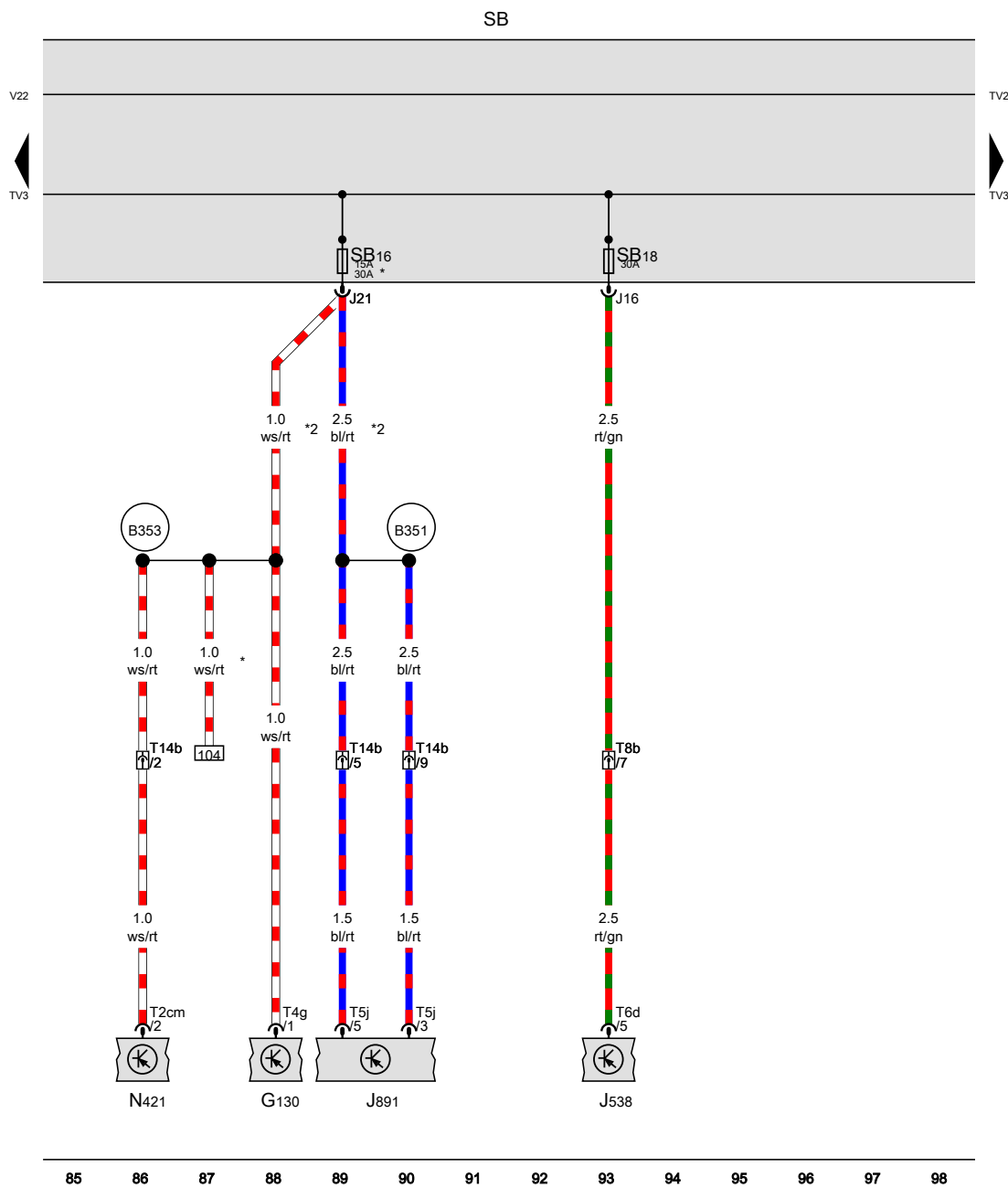
Fuse holder B

- | | |
|------|-----------------------------------|
| 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 |
| SB | Fuse holder B |
| SB10 | Fuse 10 on fuse holder B |
| SB14 | Fuse 14 on fuse holder B |
| T4w | 4-pin connector |
| T4x | 4-pin connector |
| T4y | 4-pin connector |
| T4z | 4-pin connector |
| T5b | 5-pin connector |
| T8l | 8-pin connector |
| T14b | 14-pin connector |
| T94 | 94-pin connector |
| V437 | Pump for reducing agent |

- B219 Positive connection 4 (30a), in interior wiring harness
- B354 Positive connection 5 (87a) in main wiring harness
- D206 Connection 4 (87a) in engine prewiring harness
- TV3 Terminal 30a wiring junction
- TV22 Terminal 30 wiring junction 2
- W67 Connection (87), in floor wiring harness

* see applicable current flow diagram for engine
*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



Fuse holder B

- G130 Lambda probe after catalytic converter
- J538 Fuel pump control unit
- J891 Control unit for reducing agent heater
- N421 Magnetic clutch for supercharger
- SB Fuse holder B
- SB16 Fuse 16 on fuse holder B
- SB18 Fuse 18 on fuse holder B
- T2cm 2-pin connector
- T4g 4-pin connector
- T5j 5-pin connector
- T6d 6-pin connector
- T8b 8-pin connector
- T14b 14-pin connector

B351 Positive connection 2 (87a) in main wiring harness

B353 Positive connection 4 (87a) in main wiring harness

TV3 Terminal 30a wiring junction

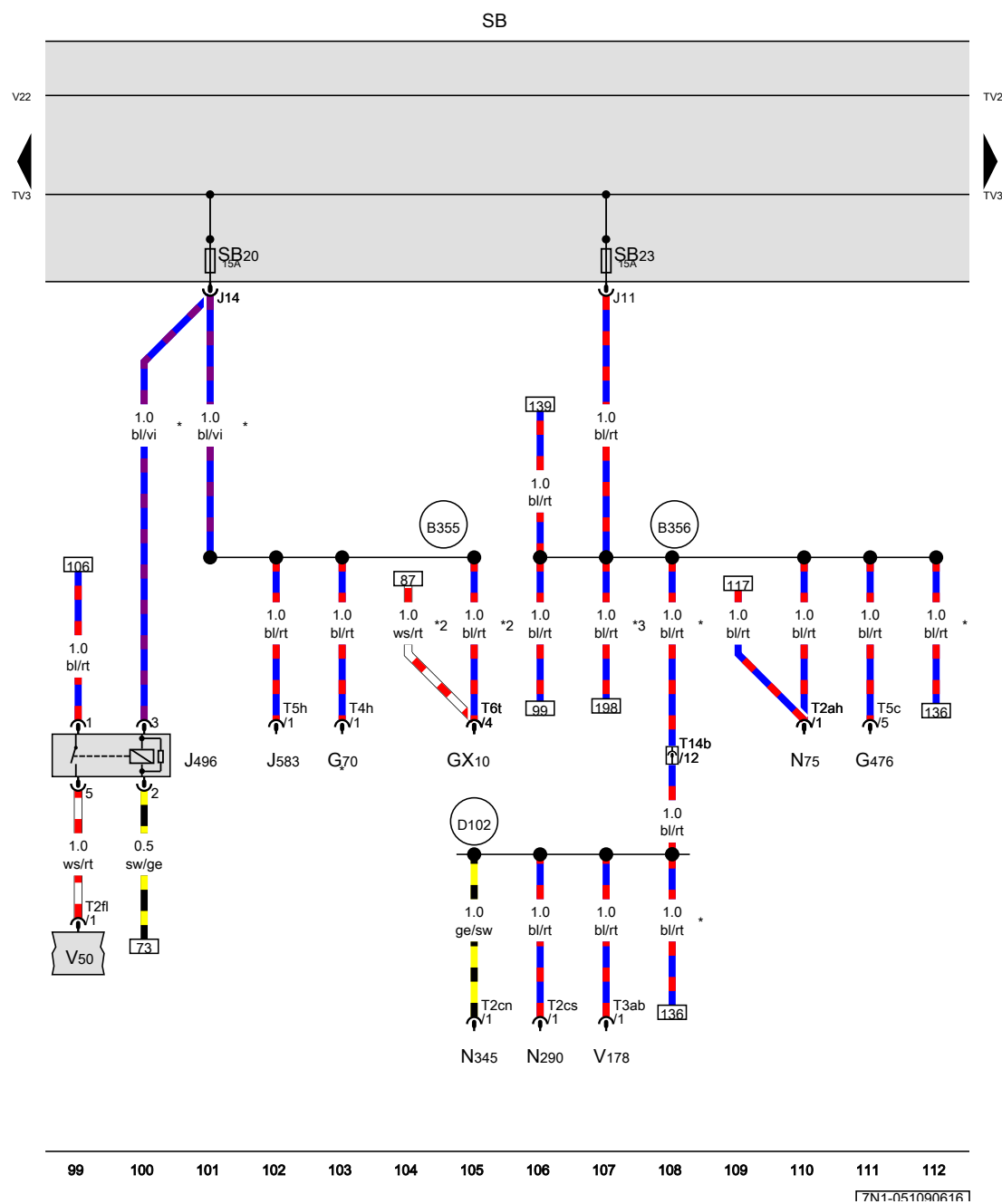
TV22 Terminal 30 wiring junction 2

* 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

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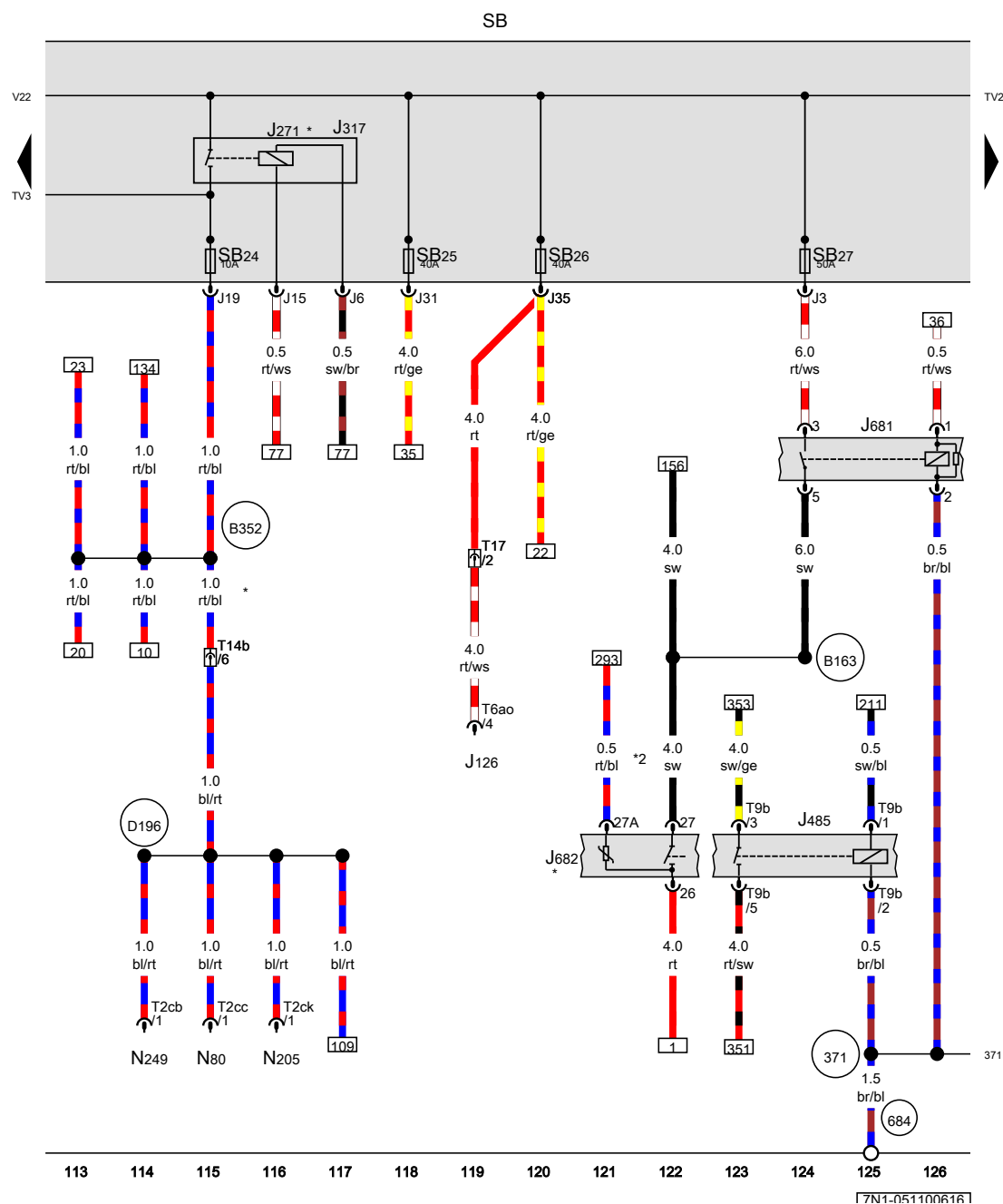
Fuse holder B

- GX10 Lambda probe 1 before catalytic converter
- G70 Air mass meter
- G476 Clutch position sender
- J496 Additional coolant pump relay, behind dash panel, left
- J583 Control unit for NOx sender
- N75 Charge pressure control solenoid valve
- N290 Fuel metering valve
- N345 Exhaust gas recirculation cooler changeover valve
- SB Fuse holder B
- SB20 Fuse 20 on fuse holder B
- SB23 Fuse 23 on fuse holder B
- T2ah 2-pin connector
- T2cn 2-pin connector
- T2cs 2-pin connector
- T2fl 2-pin connector
- T3ab 3-pin connector
- T4h 4-pin connector
- T5c 5-pin connector
- T5h 5-pin connector
- T6t 6-pin connector
- T14b 14-pin connector
- V50 Coolant circulation pump
- V178 Coolant circulation pump 2

- B355 Positive connection 6 (87a) in main wiring harness
- B356 Positive connection 7 (87a) in main wiring harness
- D102 Connection 2 in engine compartment wiring harness
- TV3 Terminal 30a wiring junction
- TV22 Terminal 30 wiring junction 2

- * see applicable current flow diagram for engine
- *2 According to equipment
- *3 From November 2011

- ws = white
- 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, Terminal 30 voltage supply relay, Terminal 50 voltage supply relay, Fuse holder B

- J126 Fresh air blower control unit
- J271 Main relay
- J317 Terminal 30 voltage supply relay
- J485 Auxiliary heater operation relay
- J681 Terminal 15 voltage supply relay 2
- J682 Terminal 50 voltage supply relay
- N80 Activated charcoal filter solenoid valve 1
- N205 Camshaft control valve 1
- N249 Turbocharger air recirculation valve
- SB Fuse holder B
- SB24 Fuse 24 on fuse holder B
- SB25 Fuse 25 on fuse holder B
- SB26 Fuse 26 on fuse holder B
- SB27 Fuse 27 on fuse holder B
- T2cb 2-pin connector
- T2cc 2-pin connector
- T2ck 2-pin connector
- T6ao 6-pin connector
- T9b 9-pin connector
- T14b 14-pin connector
- T17 17-pin connector

371 Earth connection 6, in main wiring harness

684 Earth point on front of left side member

B163 Positive connection 1 (15), in interior wiring harness

B352 Positive connection 3 (87a) in main wiring harness

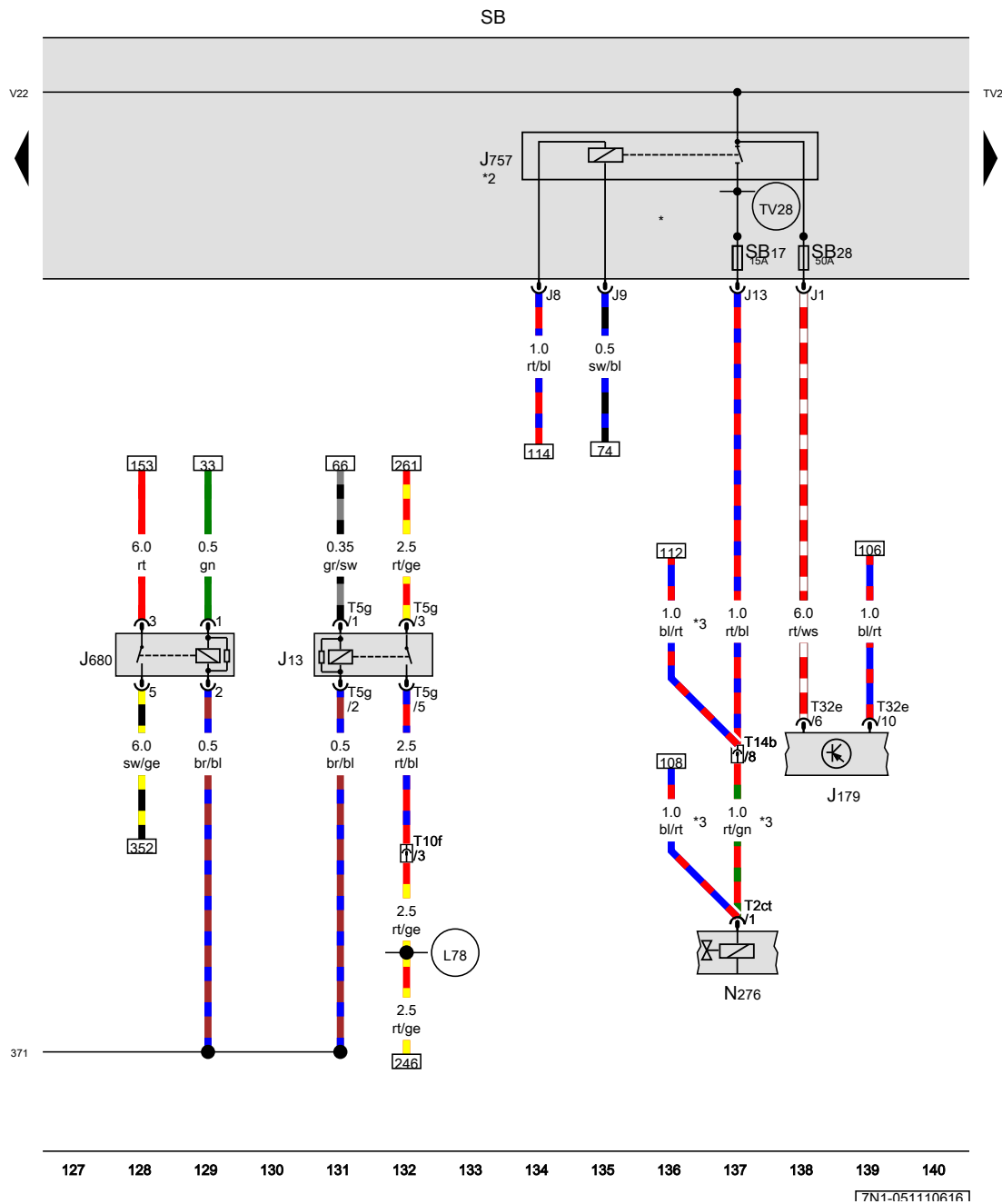
D196 Connection 2 (87a) in engine prewiring harness

TV3 Terminal 30a wiring junction

TV22 Terminal 30 wiring junction 2

* see applicable current flow diagram for engine

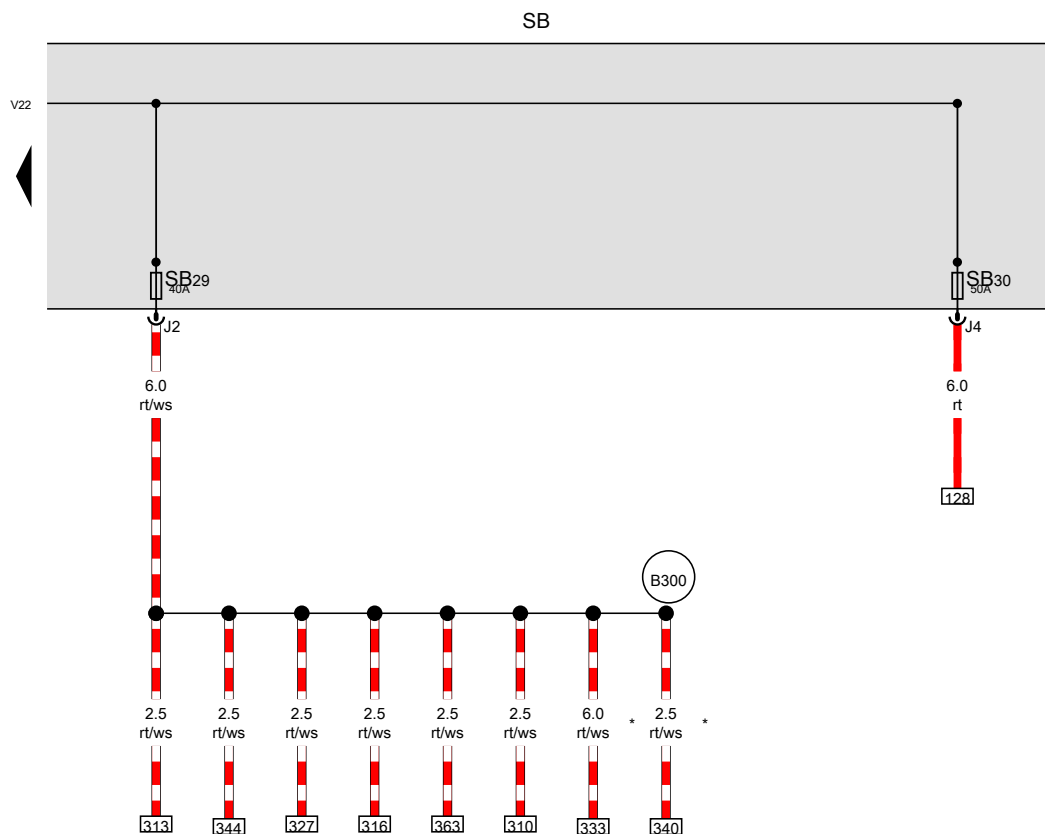
*2 Only models with entry and start authorisation



Engine component current supply relay, Fuse holder B

- J13 Fresh air blower relay
- J179 Automatic glow period control unit
- J680 Terminal 75 voltage supply relay 1
- J757 Engine component current supply relay
- N276 Fuel pressure regulating valve
- SB Fuse holder B
- SB17 Fuse 17 on fuse holder B
- SB28 Fuse 28 on fuse holder B
- T2ct 2-pin connector
- T5g 5-pin connector
- T10f 10-pin connector
- T14b 14-pin connector
- T32e 32-pin connector

- 371 Earth connection 6, in main wiring harness
- L78 Connection 1, in fresh air blower wiring harness
- TV22 Terminal 30 wiring junction 2
- TV28 Terminal 30 wiring junction 3
- * Contact bridge, only models with diesel engine
- *2 Only models with petrol engine
- *3 see applicable current flow diagram for engine



Fuse holder B

SB Fuse holder B

SB29 Fuse 29 on fuse holder B

SB30 Fuse 30 on fuse holder B

B300 Positive connection 4 (30), in main wiring harness

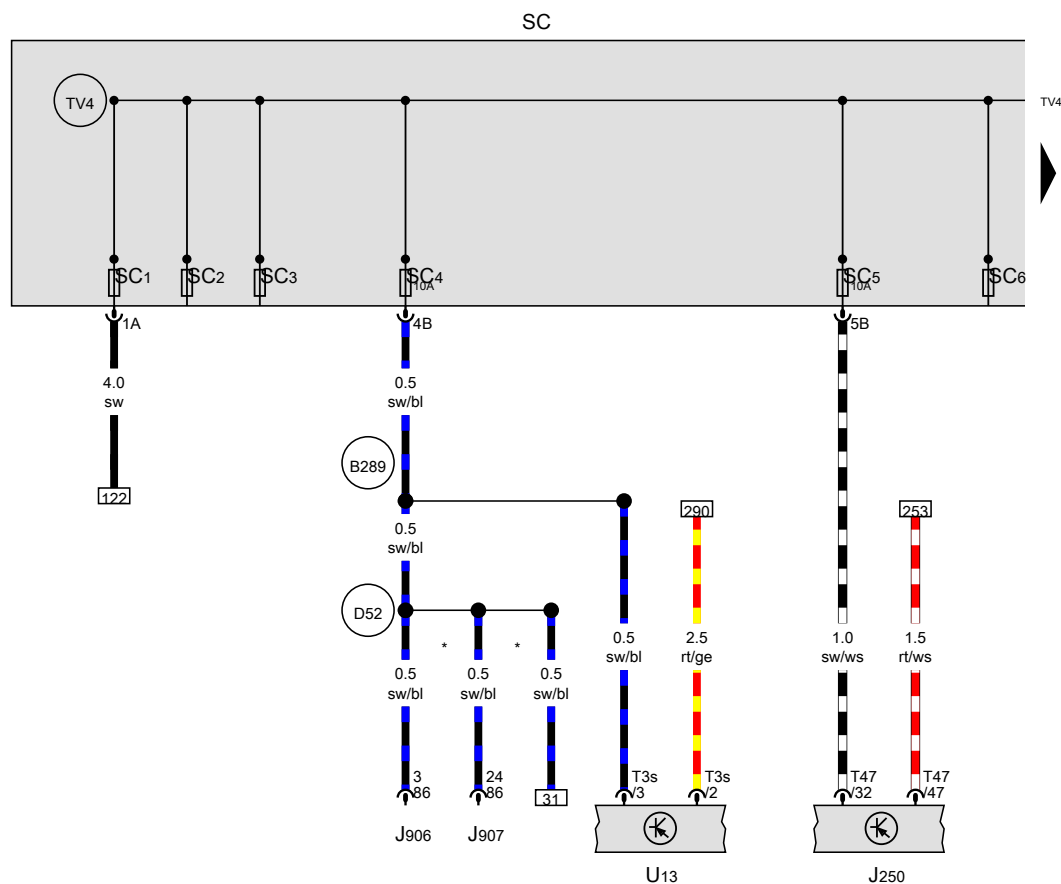
TV22 Terminal 30 wiring junction 2

* Only 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

141 142 143 144 145 146 147 148 149 150 151 152 153 154

[7N1-051120616]

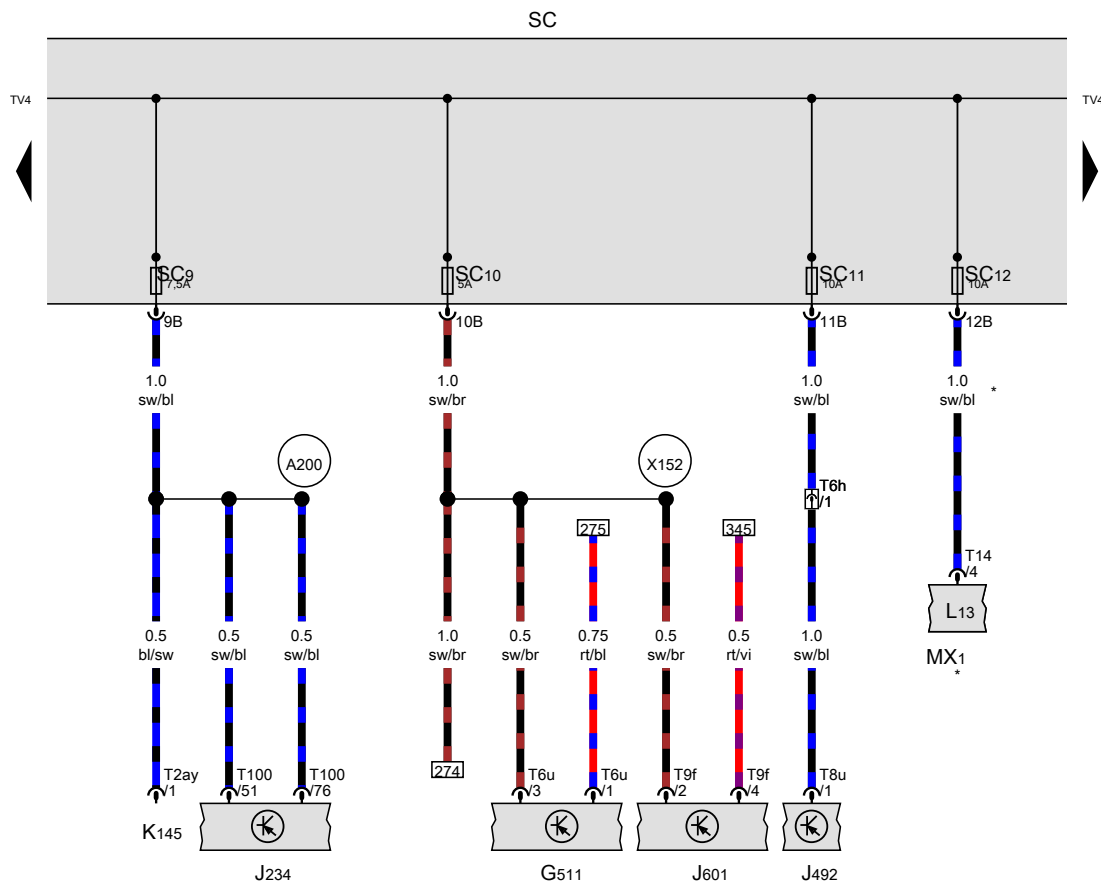


Fuse holder C

- J250 Electronically controlled damping control unit
- J906 Starter relay 1
- J907 Starter relay 2
- SC Fuse holder C
- SC1 Fuse 1 on fuse holder C
- SC2 Fuse 2 on fuse holder C
- SC3 Fuse 3 on fuse holder C
- SC4 Fuse 4 on fuse holder C
- SC5 Fuse 5 on fuse holder C
- SC6 Fuse 6 on fuse holder C
- T3s 3-pin connector
- T47 47-pin connector
- U13 DC/AC converter with socket, 12 V - 230 V

- B289 Positive connection 13 (15a) in main wiring harness
- D52 Positive connection (15a), in engine compartment wiring harness
- TV4 Terminal 15 wiring junction
- * 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



Fuse holder C

- G511 Mirror taximeter
- J234 Airbag control unit
- J492 All-wheel drive control unit
- J601 Taxi alarm remote control, control unit
- K145 Front passenger side airbag deactivated warning lamp
- L13 Left gas discharge (xenon) bulb
- MX1 Front left headlight
- SC Fuse holder C
- SC9 Fuse 9 on fuse holder C
- SC10 Fuse 10 on fuse holder C
- SC11 Fuse 11 on fuse holder C
- SC12 Fuse 12 on fuse holder C
- T2ay 2-pin connector
- T6h 6-pin connector
- T6u 6-pin connector
- T8u 8-pin connector
- T9f 9-pin connector
- T14 14-pin connector
- T100 100-pin connector

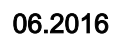
A200 Positive connection 5 (15a) in dash panel wiring harness

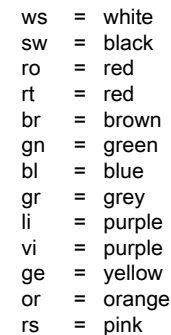
TV4 Terminal 15 wiring junction

X152 Positive connection 2 (15), in taxi wiring harness

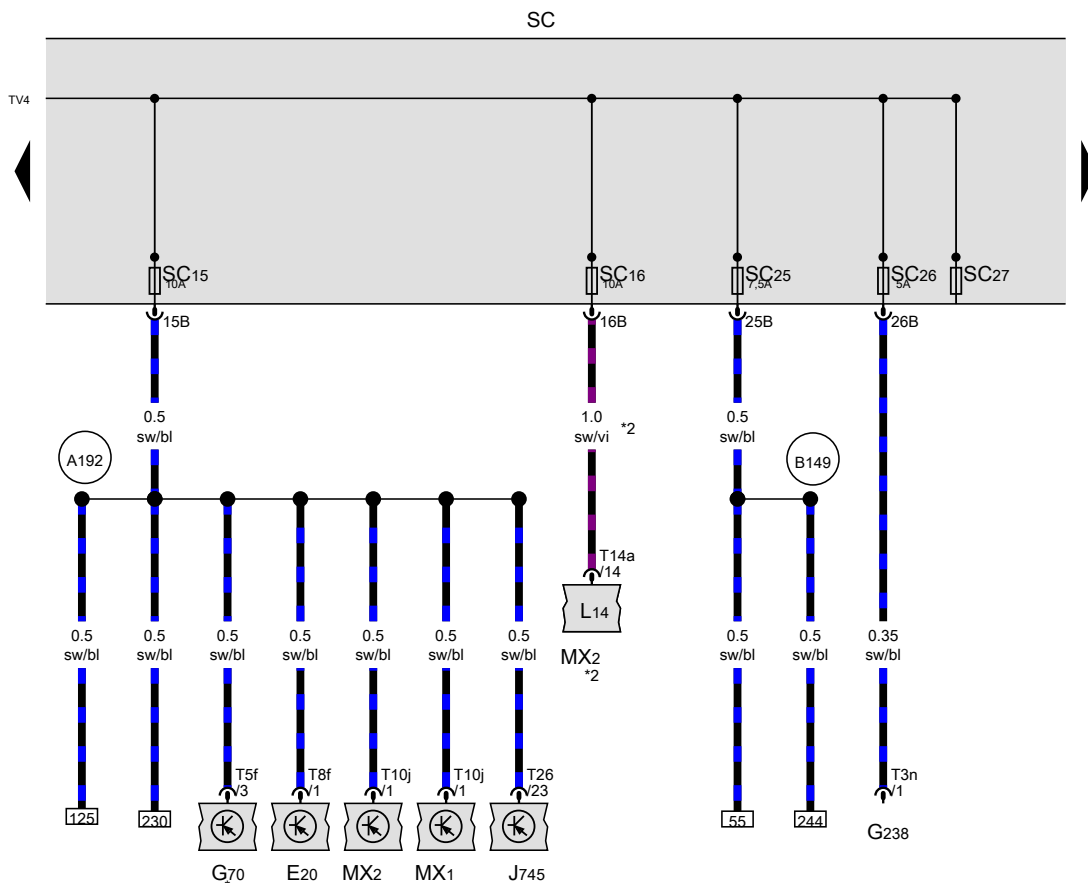
* Headlight with gas discharge light

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





A199	Positive connection 4 (15a) in dash panel wiring harness
D136	Positive connection 2 (15a), in engine compartment wiring harness
TV4	Terminal 15 wiring junction
*	Up to November 2011
*2	From November 2011



Fuse holder C

- E20 Switch and instrument illumination regulator
- G70 Air mass meter
- G238 Air quality sensor
- J745 Control unit for cornering light and headlight range control
- L14 Right gas discharge (xenon) bulb
- MX1 Front left headlight
- MX2 Front right headlight
- SC Fuse holder C
- SC15 Fuse 15 on fuse holder C
- SC16 Fuse 16 on fuse holder C
- SC25 Fuse 25 on fuse holder C
- SC26 Fuse 26 on fuse holder C
- SC27 Fuse 27 on fuse holder C
- T3n 3-pin connector
- T5f 5-pin connector
- T8f 8-pin connector
- T10j 10-pin connector
- T14a 14-pin connector
- T26 26-pin connector

A192 Positive connection 3 (15a) in dash panel wiring harness

B149 Positive connection 2 (15a), in interior wiring harness

TV4 Terminal 15 wiring junction

* see applicable current flow diagram for engine

*2 Headlight with gas discharge light

- ws = white
- 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

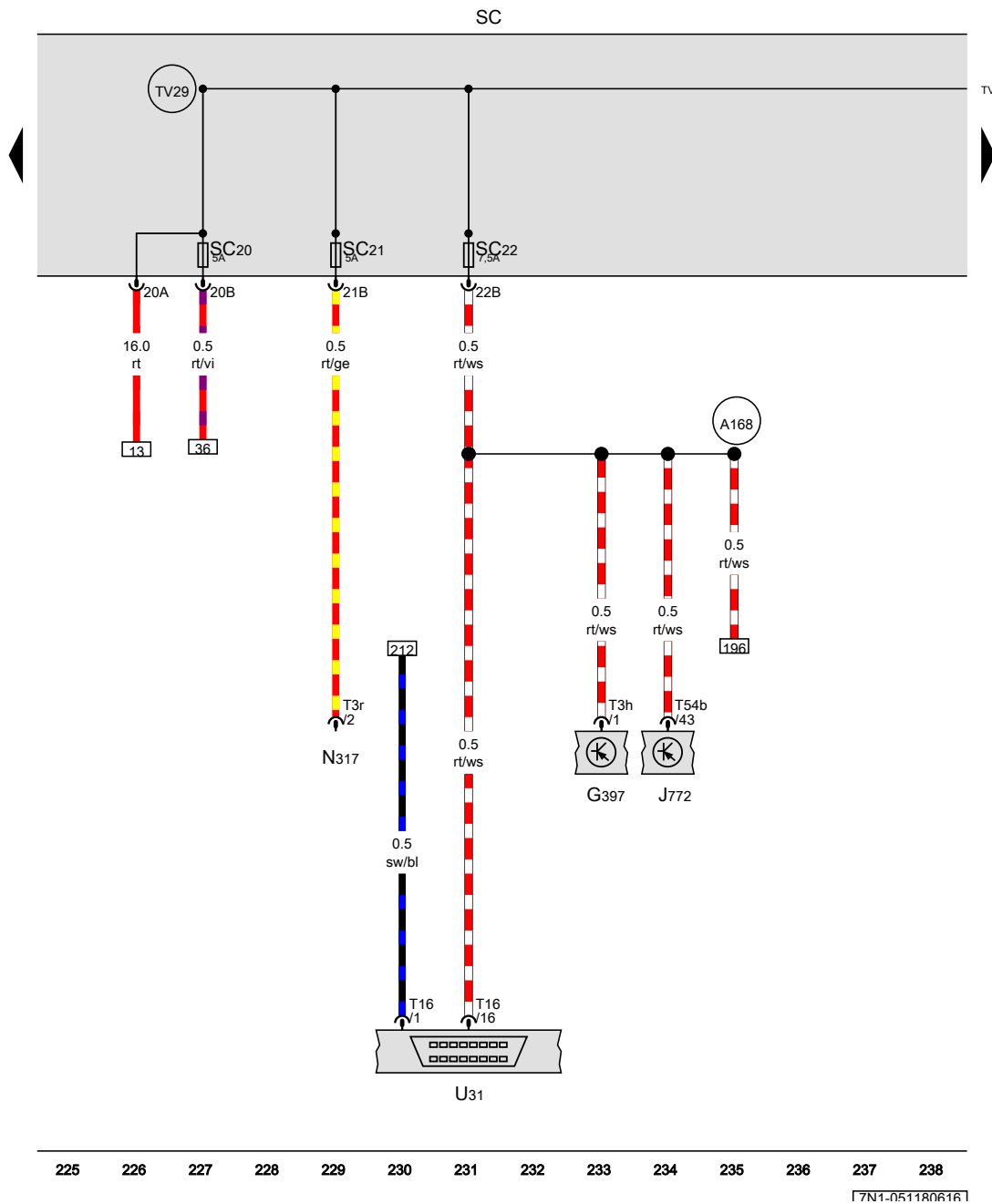
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Fuse holder C

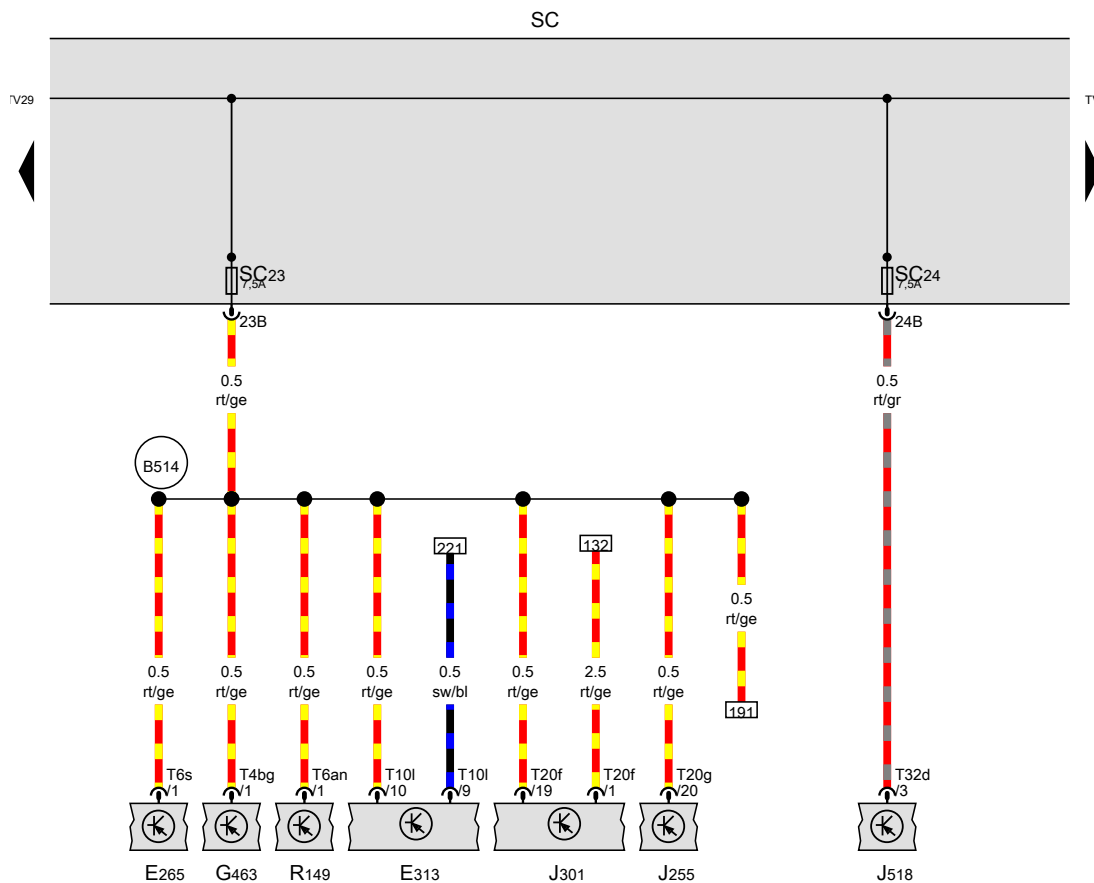
- G397 Rain and light sensor
- J772 Reversing camera system control unit
- N317 2nd heat exchanger switch-off valve
- SC Fuse holder C
- SC20 Fuse 20 on fuse holder C
- SC21 Fuse 21 on fuse holder C
- SC22 Fuse 22 on fuse holder C
- T3h 3-pin connector
- T3r 3-pin connector
- T16 16-pin connector
- T54b 54-pin connector
- U31 Diagnostic connection

A168 Positive connection 4 (30a) in dash panel wiring harness

TV29 Terminal 30 wiring junction 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



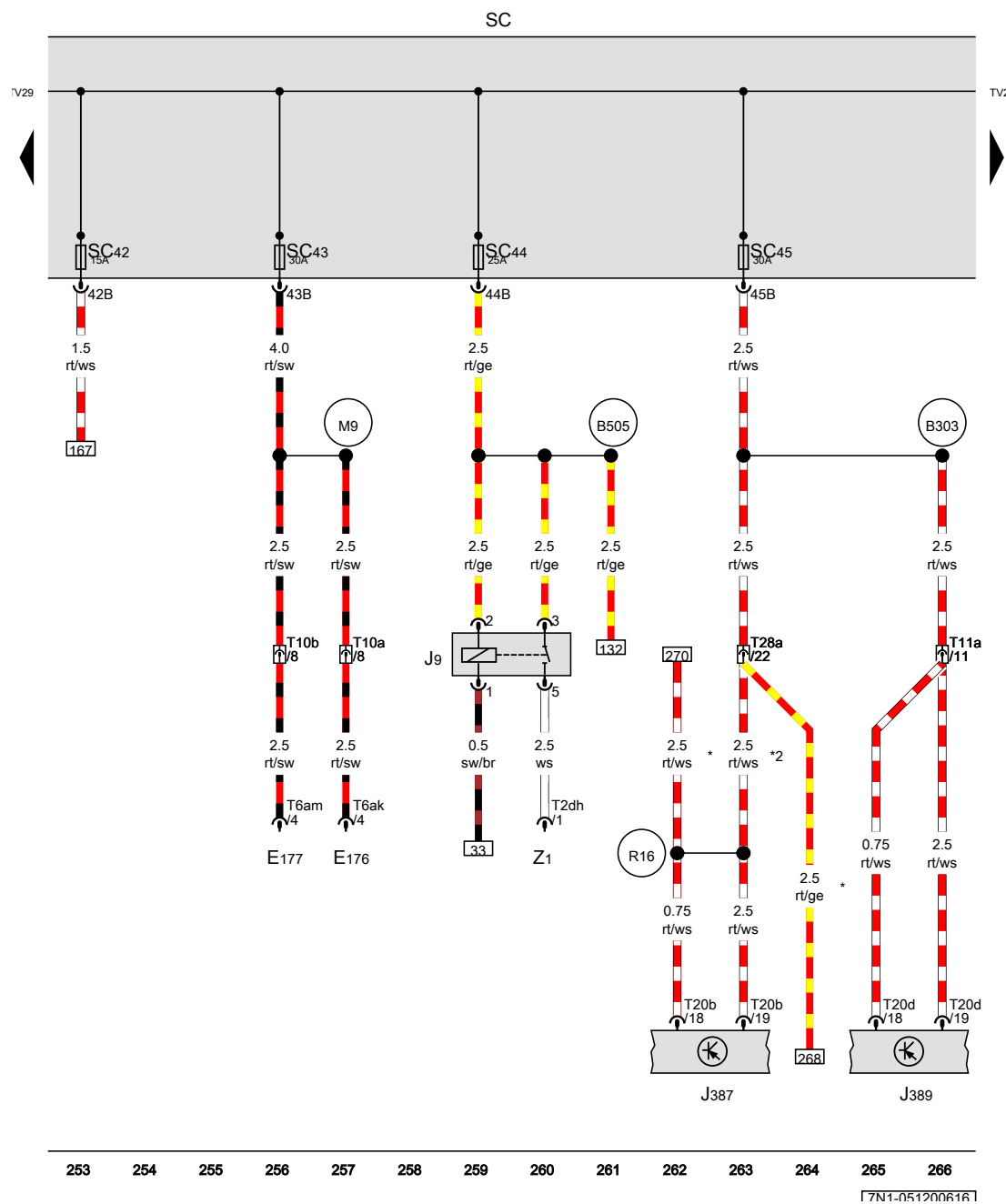
Fuse holder C

- E265 Operating and display unit for rear air conditioning system
- E313 Selector lever
- G463 Rear blower regulation sender
- J255 Climatronic control unit
- J301 Air conditioning system control unit
- J518 Entry and start authorisation control unit
- R149 Remote control receiver for auxiliary coolant heater
- SC Fuse holder C
- SC23 Fuse 23 on fuse holder C
- SC24 Fuse 24 on fuse holder C
- T4bg 4-pin connector
- T6an 6-pin connector
- T6s 6-pin connector
- T10l 10-pin connector
- T20f 20-pin connector
- T20g 20-pin connector
- T32d 32-pin connector

B514 Positive connection 10 (30a), in interior wiring harness

TV29 Terminal 30 wiring junction 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

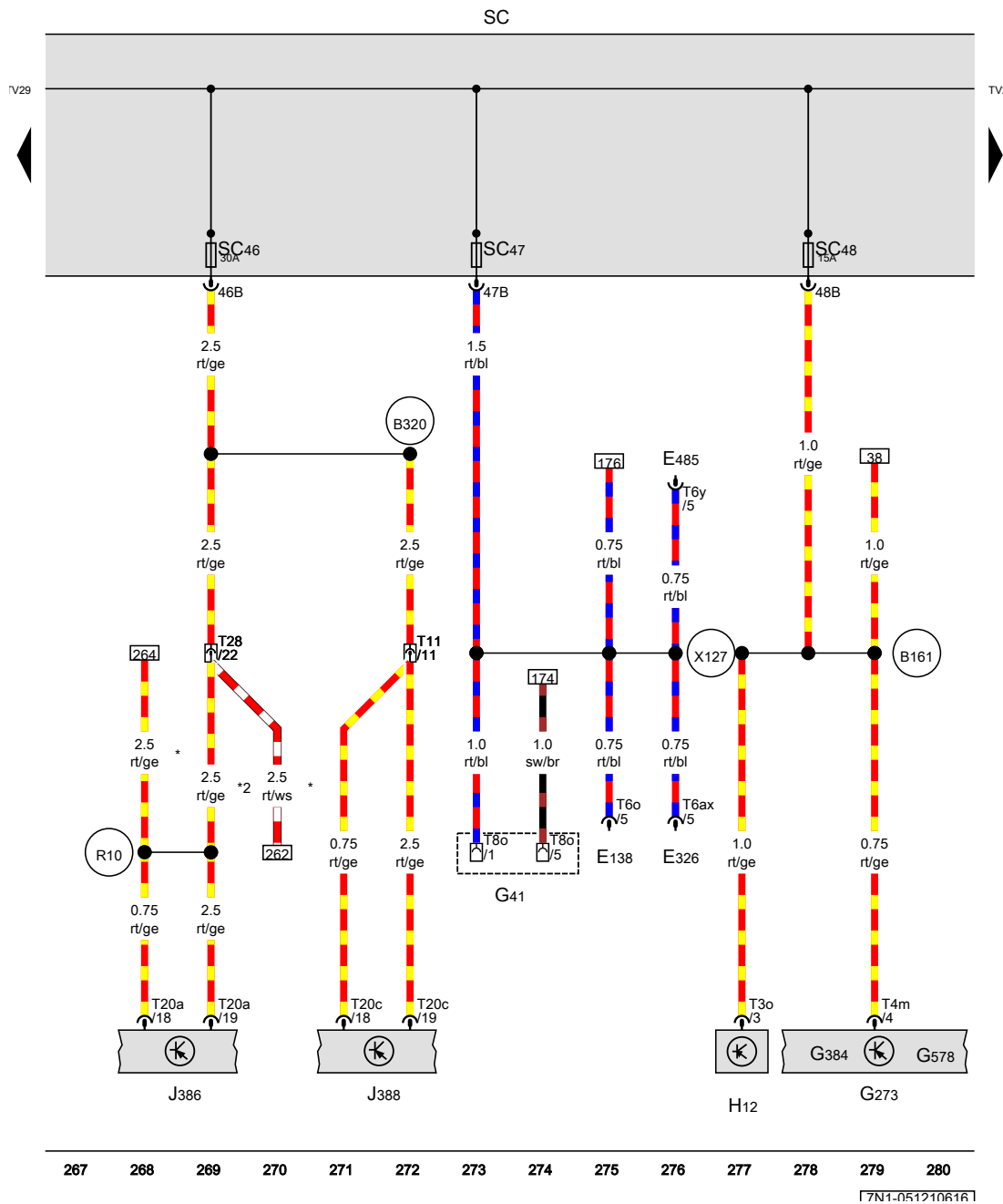


Fuse holder C

- E176 Driver seat lumbar support adjustment switch
- E177 Front passenger seat lumbar support adjustment switch
- J9 Heated rear window relay
- J387 Front passenger door control unit
- J389 Rear right door control unit
- SC Fuse holder C
- SC42 Fuse 42 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
- T2dh 2-pin connector
- T6ak 6-pin connector
- T6am 6-pin connector
- T10a 10-pin connector
- T10b 10-pin connector
- T11a 11-pin connector
- T20b 20-pin connector
- T20d 20-pin connector
- T28a 28-pin connector
- Z1 Heated rear window

- B303 Positive connection 7 (30), in main wiring harness
- B505 Positive connection 9 (30a), in interior wiring harness
- M9 Connection, in seat adjustment wiring harness
- R16 Positive connection 1 (30), in front passenger door wiring harness
- TV29 Terminal 30 wiring junction 4
- * Only right-hand drive models
- *2 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



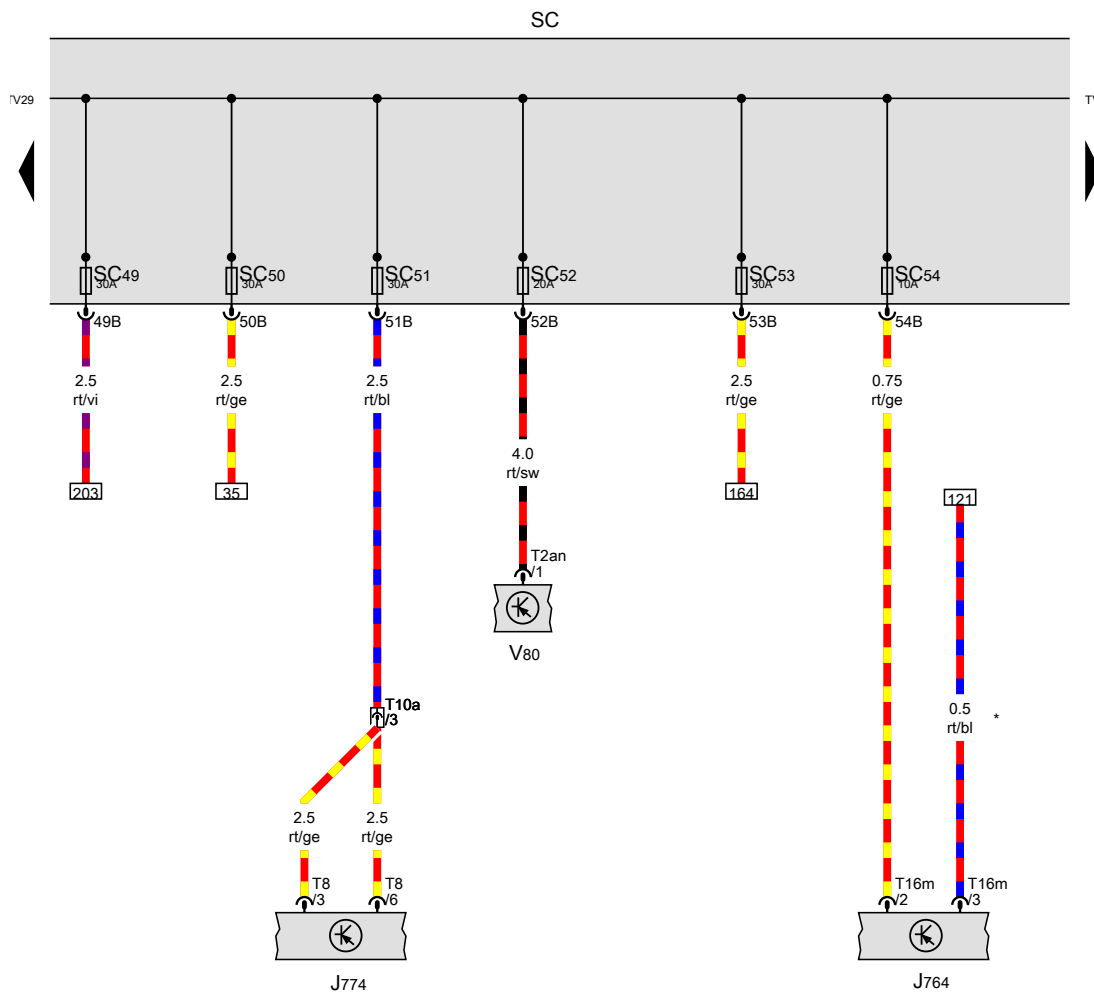
Fuse holder C

- E138 Taxi sign switch
- E326 Front interior light button
- E485 Taxi alarm active button
- G41 Taximeter
- G273 Interior monitoring sensor
- G384 Vehicle inclination sender
- G578 Anti-theft alarm sensor
- H12 Alarm horn
- J386 Driver door control unit
- J388 Rear left door control unit
- SC Fuse holder C
- SC46 Fuse 46 on fuse holder C
- SC47 Fuse 47 on fuse holder C
- SC48 Fuse 48 on fuse holder C
- T3o 3-pin connector
- T4m 4-pin connector
- T6ax 6-pin connector
- T6o 6-pin connector
- T6y 6-pin connector
- T8o 8-pin connector
- T11 11-pin connector
- T20a 20-pin connector
- T20c 20-pin connector
- T28 28-pin connector

- B161 Connection (ATA), in interior wiring harness
- B320 Positive connection 6 (30a) in main wiring harness
- R10 Positive connection 1 (30), in driver door wiring harness
- TV29 Terminal 30 wiring junction 4
- X127 Positive connection 3 (30a), in taxi wiring harness

- * Only right-hand drive models
- *2 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



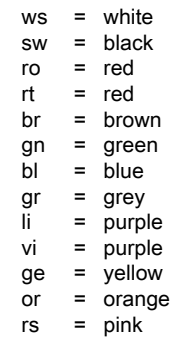
Fuse holder C

- J764 Control unit for electronic steering column lock
- J774 Heated front seats control unit
- SC Fuse holder C
- SC49 Fuse 49 on fuse holder C
- SC50 Fuse 50 on fuse holder C
- SC51 Fuse 51 on fuse holder C
- SC52 Fuse 52 on fuse holder C
- SC53 Fuse 53 on fuse holder C
- SC54 Fuse 54 on fuse holder C
- T2an 2-pin connector
- T8 8-pin connector
- T10a 10-pin connector
- T16m 16-pin connector
- V80 Rear fresh air blower

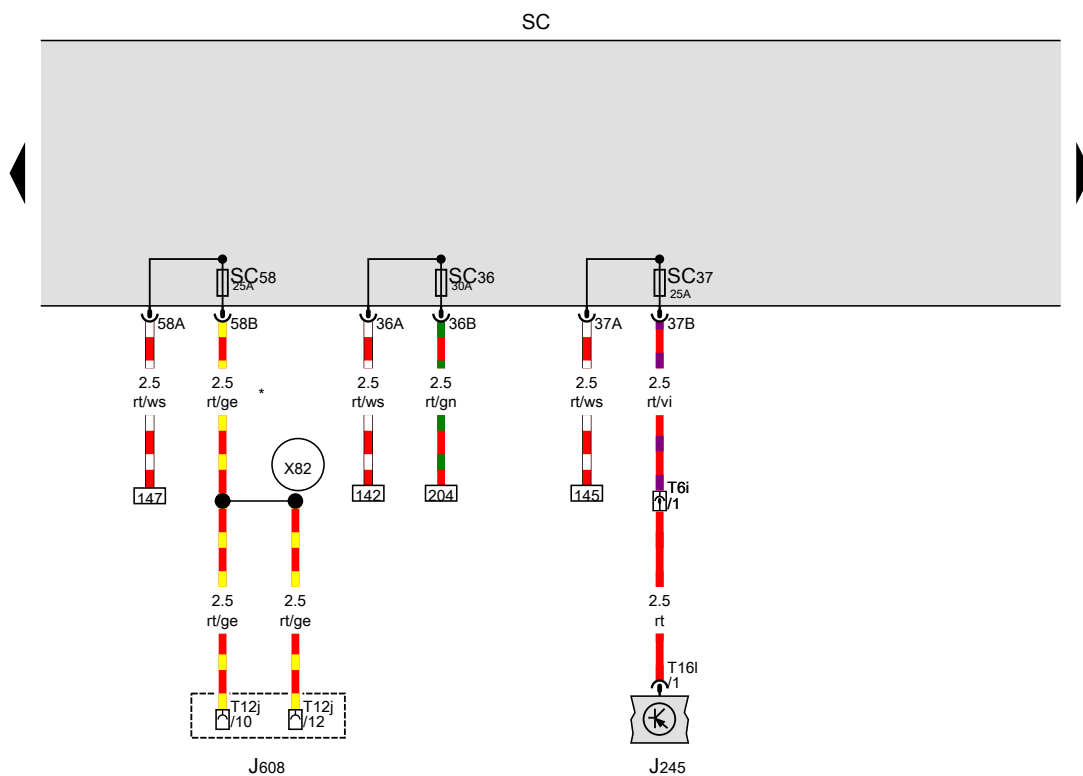
TV29 Terminal 30 wiring junction 4

* Only 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



J941	Trailer voltage supply relay
SC	Fuse holder C
SC7	Fuse 7 on fuse holder C
SC8	Fuse 8 on fuse holder C
SC55	Fuse 55 on fuse holder C
SC56	Fuse 56 on fuse holder C
T8i	8-pin connector
T13	13-pin connector
U10	Trailer socket
218	Earth connection 1, in rear lid wiring harness
TV29	Terminal 30 wiring junction 4



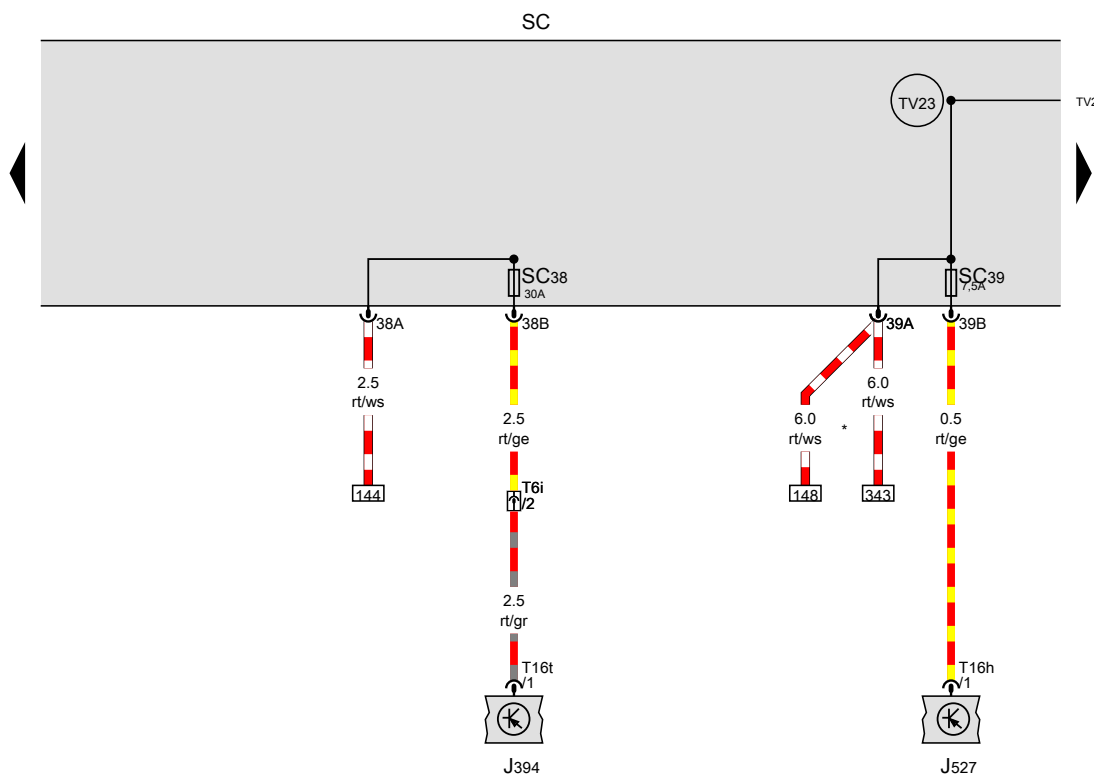
Fuse holder C

- J245 Sliding sunroof adjustment control unit
- J608 Special vehicle control unit
- SC Fuse holder C
- SC36 Fuse 36 on fuse holder C
- SC37 Fuse 37 on fuse holder C
- SC58 Fuse 58 on fuse holder C
- T6i 6-pin connector
- T12j 12-pin connector
- T16i 16-pin connector

X82 Positive connection 1 (30a), in taxi wiring harness


* Only models with taxi 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 holder C

- J394 Sunroof roller blind control unit
- J527 Steering column electronics control unit
- SC Fuse holder C
- SC38 Fuse 38 on fuse holder C
- SC39 Fuse 39 on fuse holder C
- T6i 6-pin connector
- T16h 16-pin connector
- T16t 16-pin connector

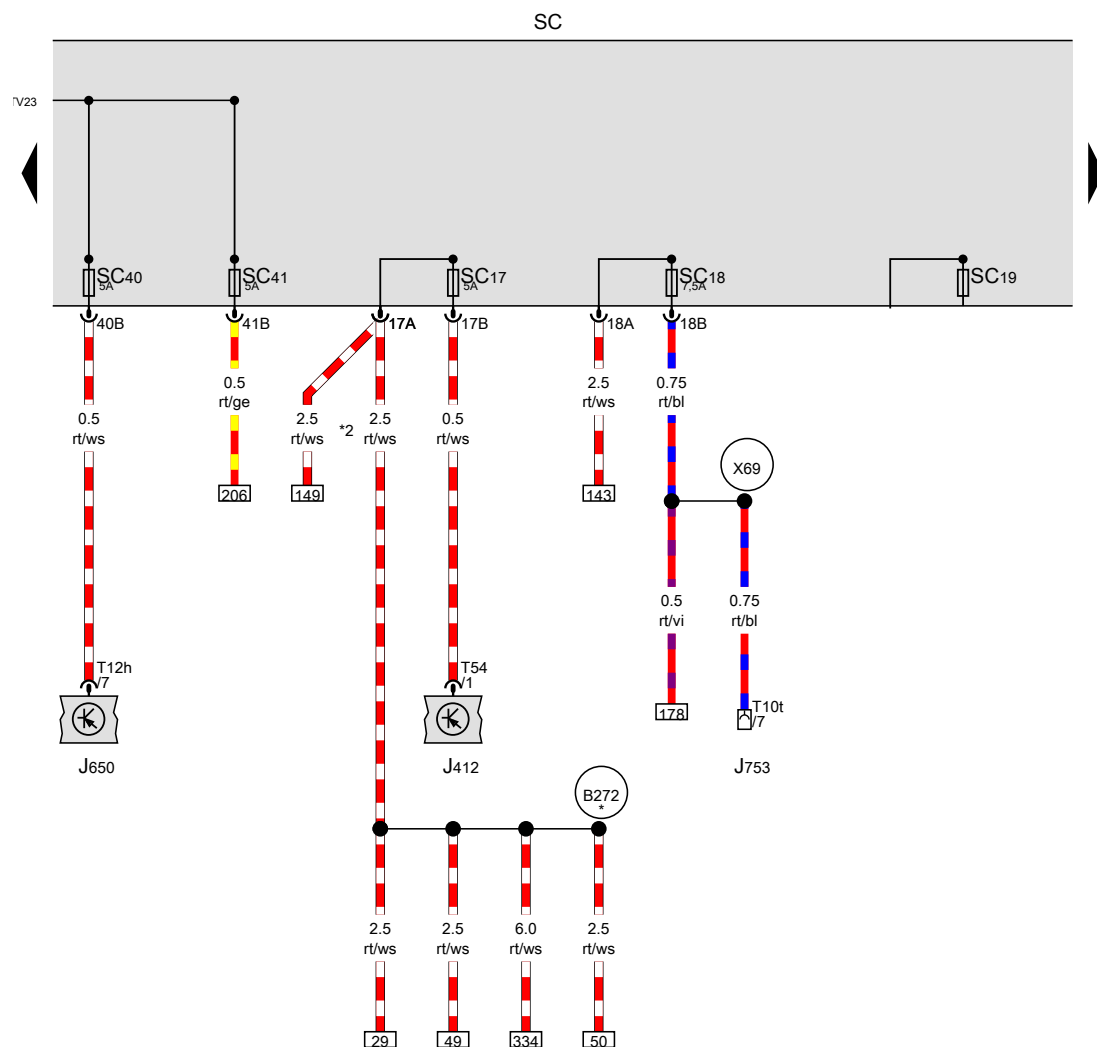
 Push-in bridge

* Only 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

323 324 325 326 327 328 329 330 331 332 333 334 335 336

[7N1-051250R16]



Fuse holder C

- J412 Mobile telephone operating electronics control unit
- J650 Multimedia system control unit
- J753 Data transmission control unit
- 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
- SC40 Fuse 40 on fuse holder C
- SC41 Fuse 41 on fuse holder C
- T10t 10-pin connector
- T12h 12-pin connector
- T54 54-pin connector

B272 Positive connection (30), in main wiring harness

TV23 Push-in bridge

X69 Connection 1, in taxi wiring harness

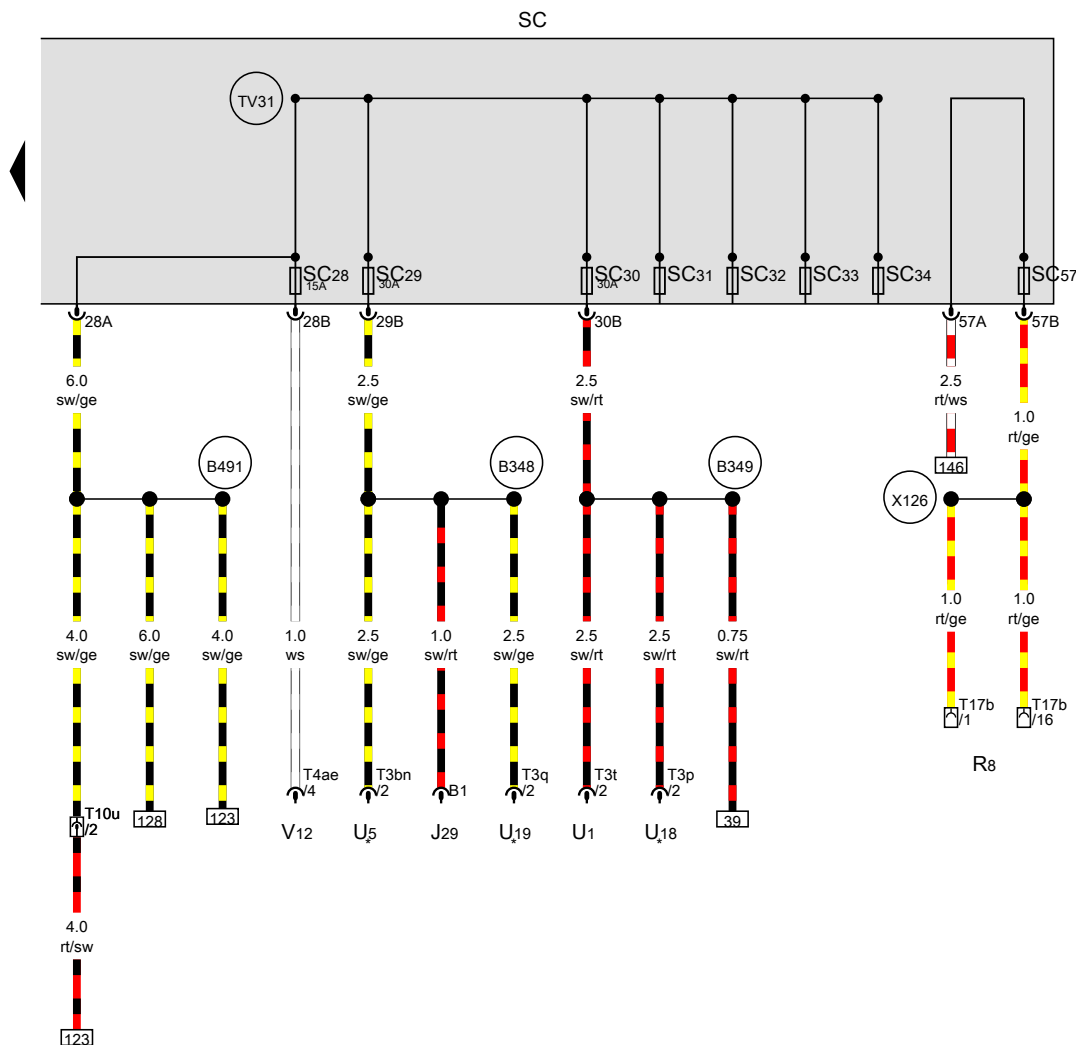
* Only models with start/stop system

*2 Only 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
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 or = orange
 rs = pink

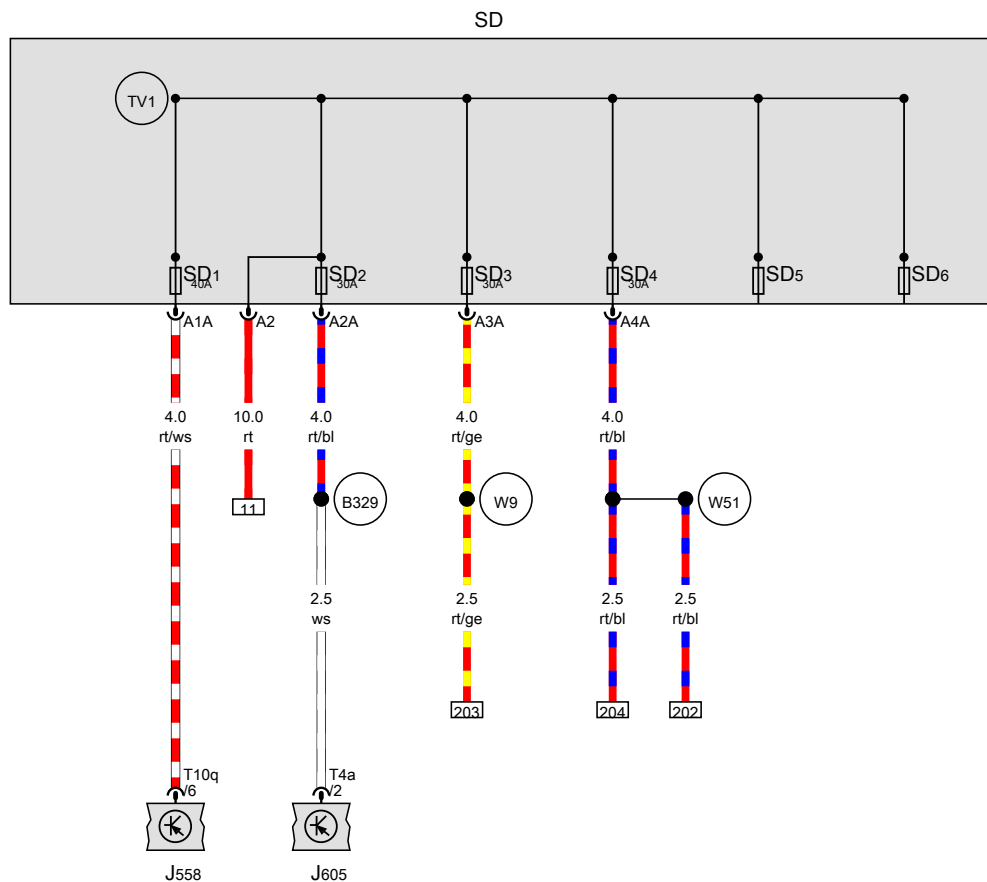
337 338 339 340 341 342 343 344 345 346 347 348 349 350

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Fuse holder C

- J29 Blocking diode
- R8 Two-way radio
- SC Fuse holder C
- SC28 Fuse 28 on fuse holder C
- SC29 Fuse 29 on fuse holder C
- SC30 Fuse 30 on fuse holder C
- SC31 Fuse 31 on fuse holder C
- SC32 Fuse 32 on fuse holder C
- SC33 Fuse 33 on fuse holder C
- SC34 Fuse 34 on fuse holder C
- SC57 Fuse 57 on fuse holder C
- T3bn 3-pin connector
- T3p 3-pin connector
- T3q 3-pin connector
- T3t 3-pin connector
- T4ae 4-pin connector
- T10u 10-pin connector
- T17b 17-pin connector
- U1 Cigarette lighter
- U5 12 V socket, in centre console
- U18 12 V socket 2
- U19 12 V socket 3
- V12 Rear window wiper motor
- B348 Connection 1 (75a), in main wiring harness
- B349 Connection 2 (75a), in main wiring harness
- B491 Positive connection (75), in interior wiring harness
- TV31 Terminal 75 wiring junction
- X126 Positive connection 2 (30a), in taxi wiring harness
- * According to equipment



Fuse holder D

- J558 Left sliding door control unit
- J605 Rear lid 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
- SD5 Fuse 5 on fuse holder D
- SD6 Fuse 6 on fuse holder D
- T4a 4-pin connector
- T10q 10-pin connector

B329 Positive connection 15 (30a) in main wiring harness

TV1 Wiring junction

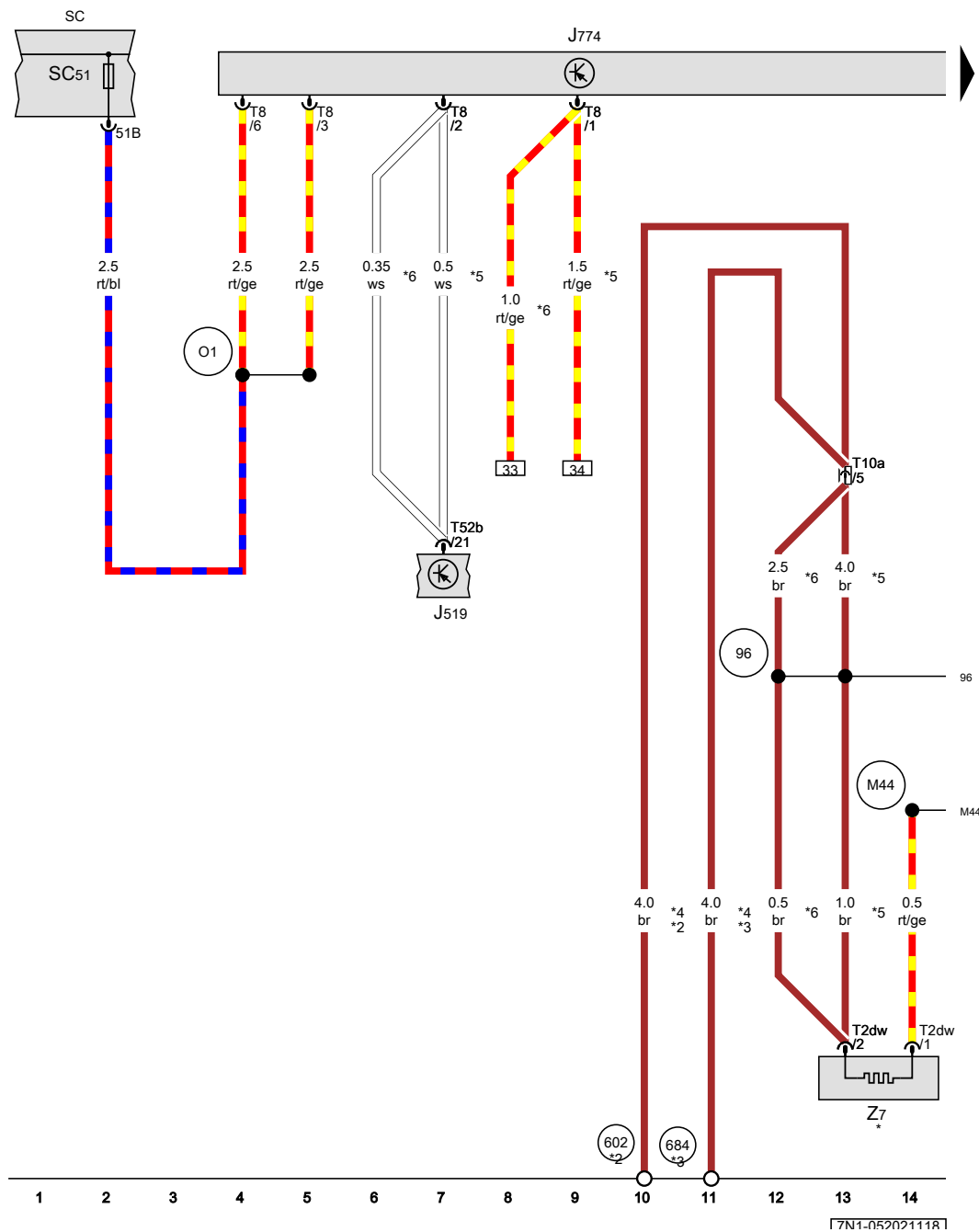
W9 Positive connection 1 (30), in rear wiring harness

W51 Positive connection 2 (30), in rear wiring harness

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

Seat heating

From May 2011

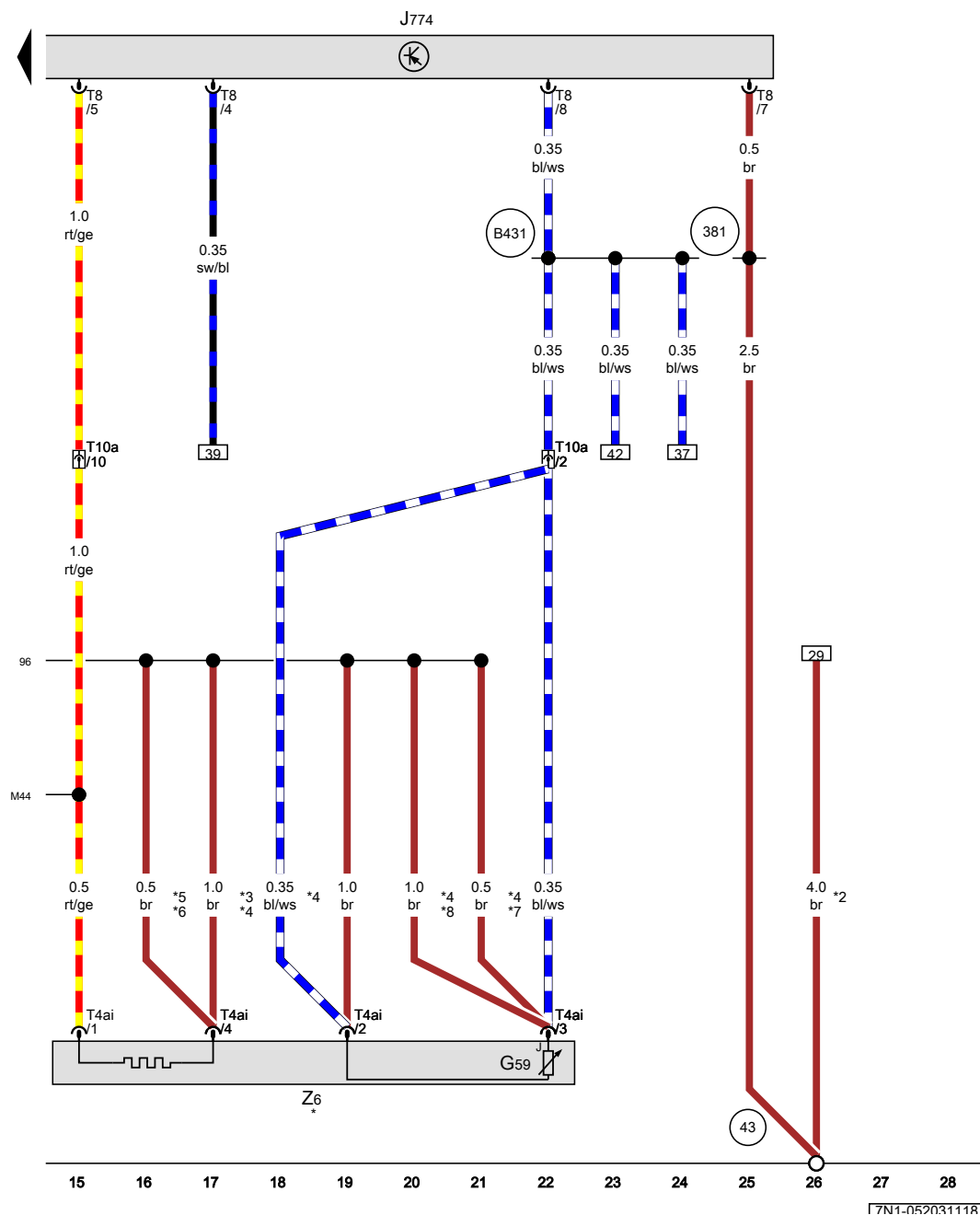


Onboard supply control unit, Heated front seats control unit, Heated backrest for driver seat

- J519 Onboard supply control unit
- J774 Heated front seats control unit
- SC Fuse holder C
- SC51 Fuse 51 on fuse holder C
- T2dw 2-pin connector
- T8 8-pin connector
- T10a 10-pin connector
- T52b 52-pin connector
- Z7 Heated backrest for driver seat

- 96 Earth connection 1, in seat heating wiring harness
- 602 Earth point, in front left footwell
- 684 Earth point on front of left side member
- M44 Connection 4, in driver seat wiring harness
- O1 Positive connection (30), in seat heating wiring harness
- * Pre-wired component
- *2 Up to November 2018
- *3 From November 2018
- *4 Cross section depends on equipment
- *5 Up to May 2017
- *6 From May 2017

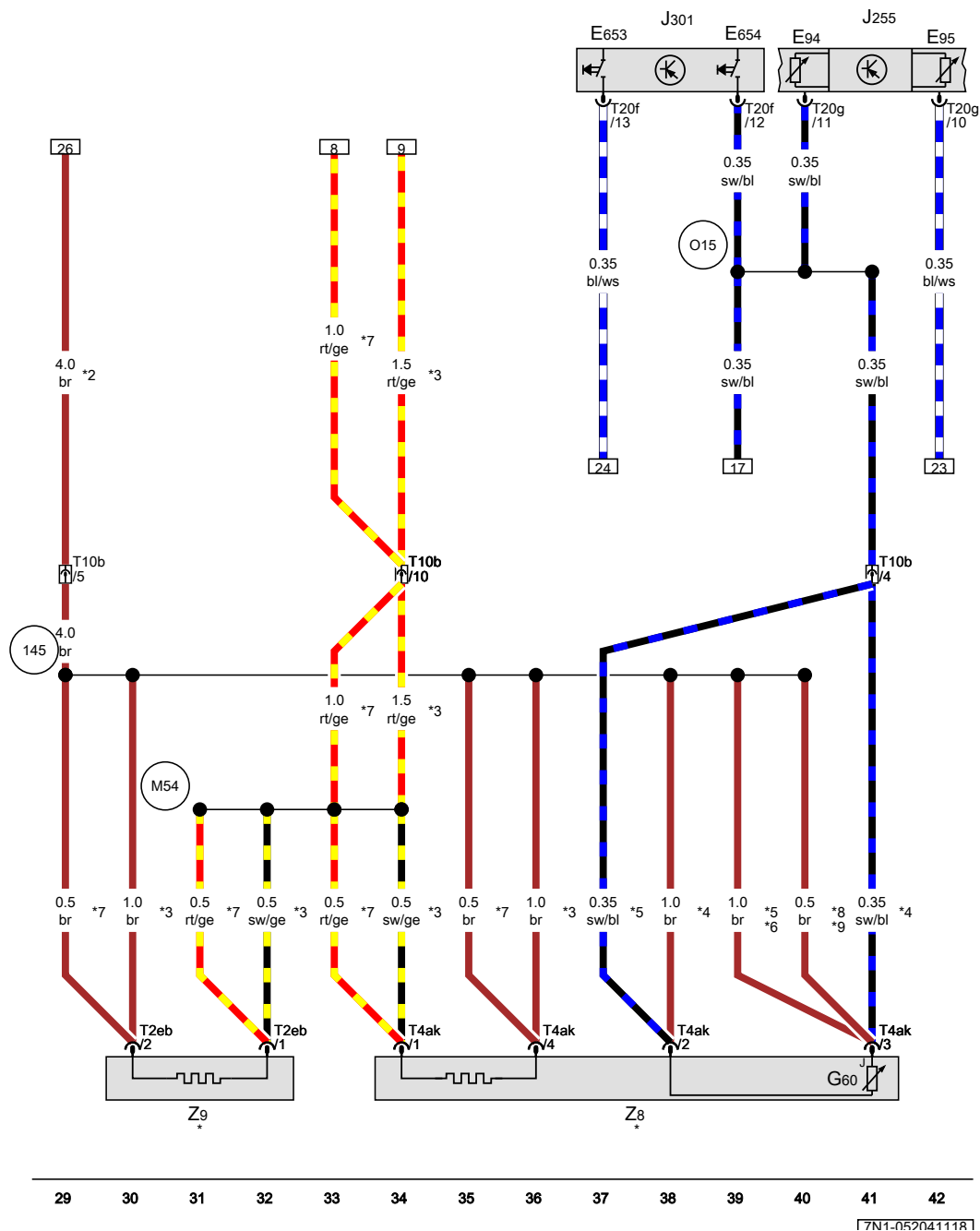
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Driver seat temperature sensor, Heated front seats control unit, Heated seat cushion for driver seat

- G59 Driver seat temperature sensor
- J774 Heated front seats control unit
- T4ai 4-pin connector
- T8 8-pin connector
- T10a 10-pin connector
- Z6 Heated seat cushion for driver seat
- 43 Earth point, lower part of right A-pillar
- 96 Earth connection 1, in seat heating wiring harness
- 381 Earth connection 16, in main wiring harness
- B431 Connection (seat heating), in main wiring harness
- M44 Connection 4, in driver seat wiring harness
- * Pre-wired component
- *2 Cross section depends on equipment
- *3 Up to May 2017
- *4 From July 2018
- *5 From May 2017
- *6 Up to July 2018
- *7 For models with no electrically adjustable seat on driver side
- *8 For models with electric seat adjustment on driver side

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Heated driver seat regulator, Heated front passenger seat regulator, Button for left seat heating, Button for right seat heating, Front passenger seat temperature sensor, Climatronic control unit, Air conditioning system control unit, Heated seat cushion for front passenger seat, Heated backrest for front passenger seat

- E94 Heated driver seat regulator
- E95 Heated front passenger seat regulator
- E653 Button for left seat heating
- E654 Button for right seat heating
- G60 Front passenger seat temperature sensor
- J255 Climatronic control unit
- J301 Air conditioning system control unit
- T2eb 2-pin connector
- T4ak 4-pin connector
- T10b 10-pin connector
- T20f 20-pin connector
- T20g 20-pin connector
- Z8 Heated seat cushion for front passenger seat
- Z9 Heated backrest for front passenger seat

145 Earth connection 3, in seat heating wiring harness

M54 Connection 4, in front passenger seat wiring harness

O15 Connection 4, in seat heating wiring harness

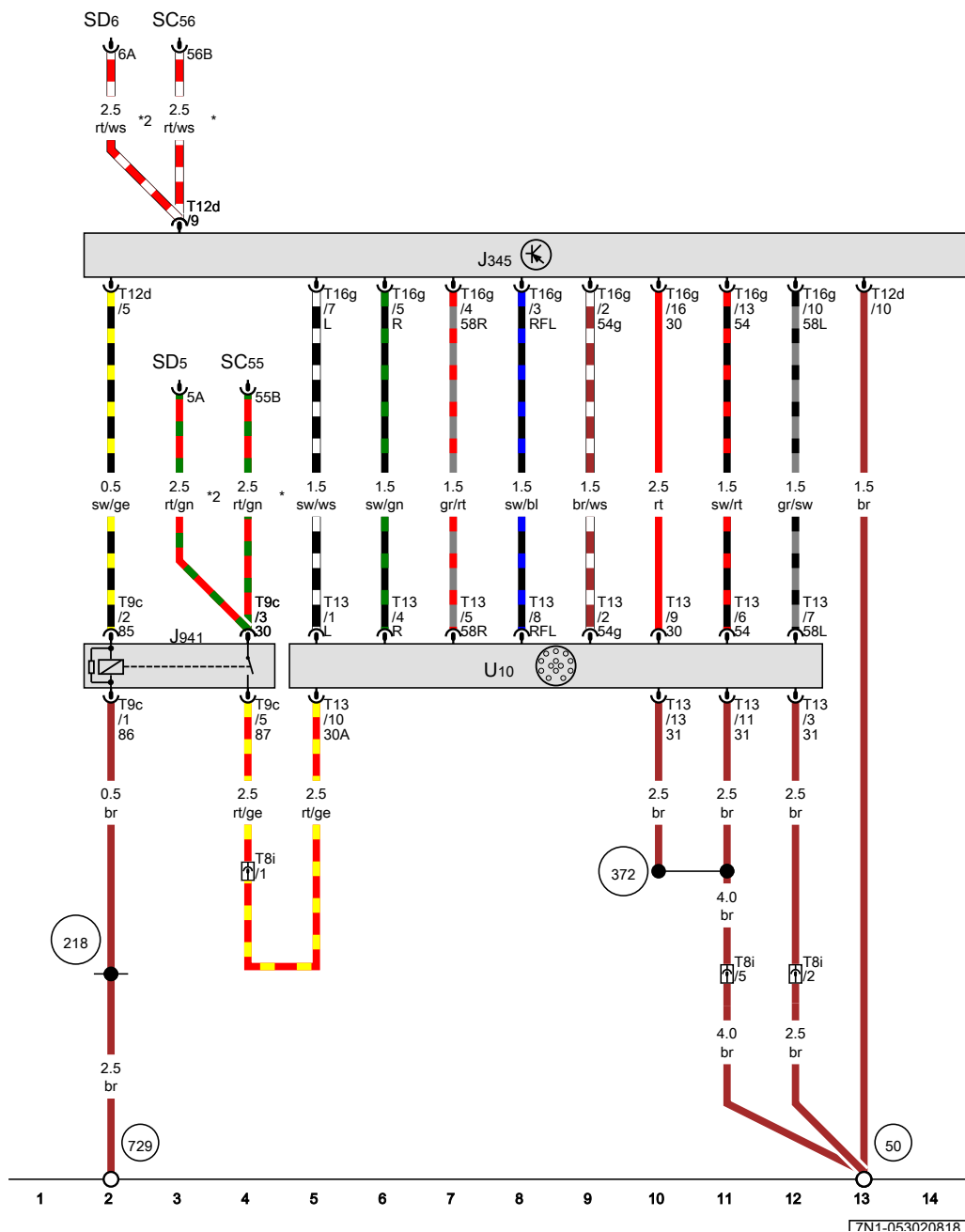
- * Pre-wired component
- *2 Cross section depends on equipment
- *3 Up to May 2017
- *4 Up to November 2015
- *5 From November 2015
- *6 For models with electric seat adjustment on passenger side
- *7 From May 2017
- *8 From July 2018
- *9 According to equipment

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Trailer coupling

From May 2012

Trailer detector control unit, Trailer voltage supply relay, Trailer socket



- J345 Trailer detector control unit
- J941 Trailer voltage supply relay
- SD5 Fuse 5 on fuse holder D
- SD6 Fuse 6 on fuse holder D
- SC55 Fuse 55 on fuse holder C
- SC56 Fuse 56 on fuse holder C
- T8i 8-pin connector
- T9c 9-pin connector
- T12d 12-pin connector
- T13 13-pin connector
- T16g 16-pin connector
- U10 Trailer socket

- 50 Earth point, on left in luggage compartment
- 218 Earth connection 1, in rear lid wiring harness
- 372 Earth connection 7, in main wiring harness
- 729 Earth point, on left rear wheel housing
- * Up to May 2013
- *2 From May 2013

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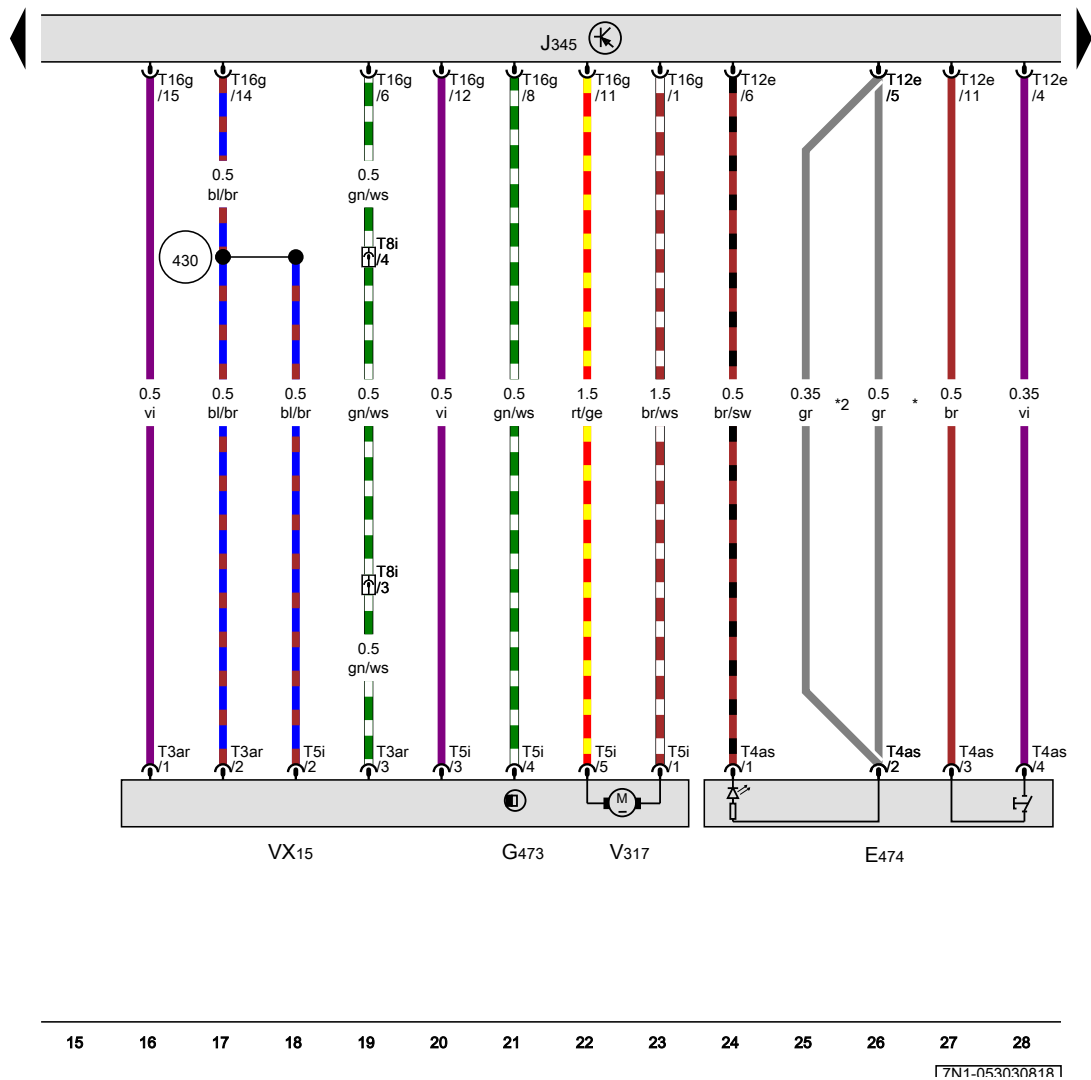
Electric hinged tow coupling attachment button, Trailer coupling motor Hall sender, Trailer detector control unit, Trailer towing coupling, Hinged tow attachment ball head motor

- E474 Electric hinged tow coupling attachment button
- G473 Trailer coupling motor Hall sender
- J345 Trailer detector control unit
- T3ar 3-pin connector
- T4as 4-pin connector
- T5i 5-pin connector
- T8i 8-pin connector
- T12e 12-pin connector
- T16g 16-pin connector
- VX15 Trailer towing coupling
- V317 Hinged tow attachment ball head motor

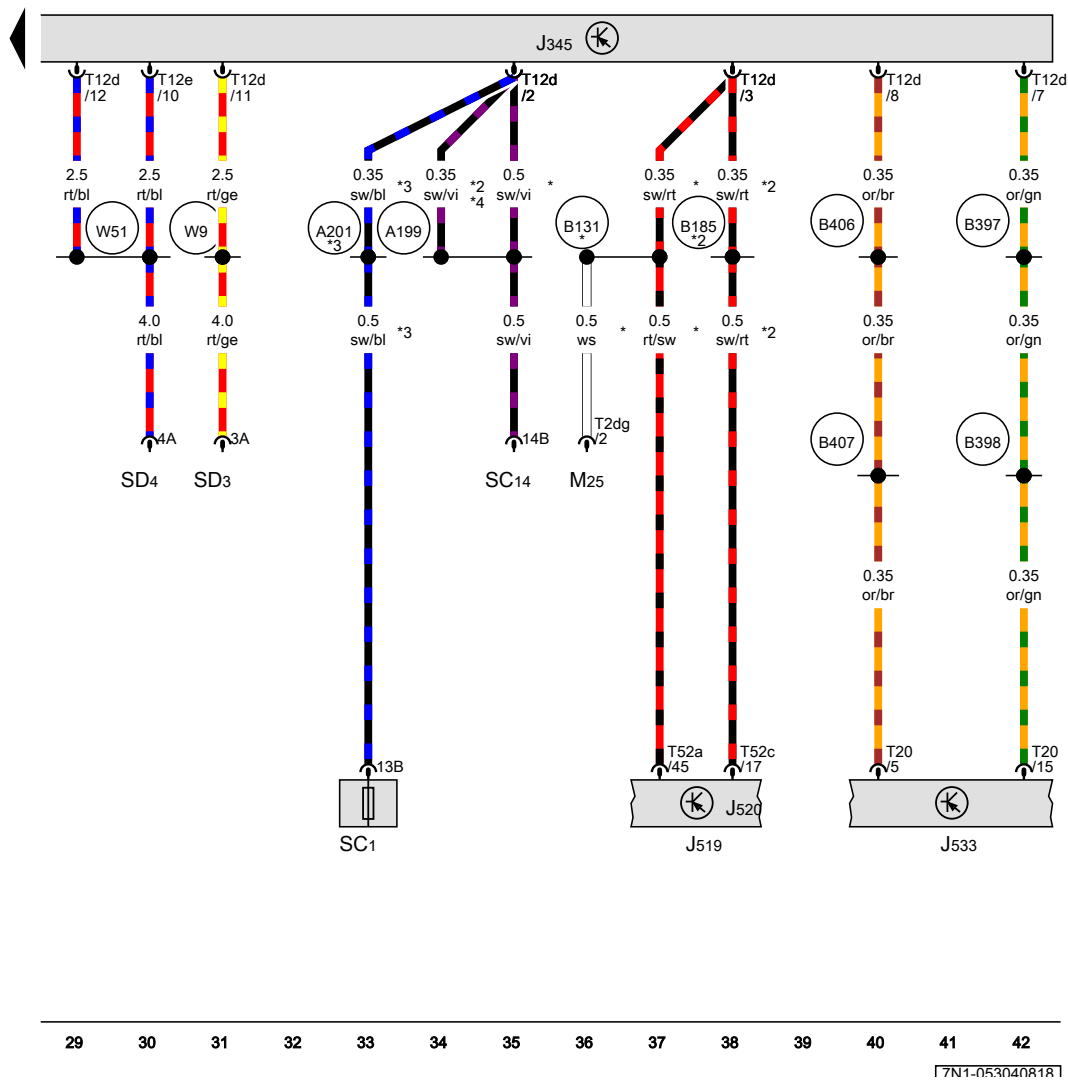
430 Earth connection, in towing bracket wiring harness

* Up to May 2017

*2 From May 2017



Trailer detector control unit, Data bus diagnostic interface



- J345 Trailer detector control unit
- J519 Onboard supply control unit
- J520 Onboard supply control unit 2
- J533 Data bus diagnostic interface
- M25 High-level brake light bulb
- SC1 Fuse 1 on fuse holder C
- SD3 Fuse 3 on fuse holder D
- SD4 Fuse 4 on fuse holder D
- SC14 Fuse 14 on fuse holder C
- T2dg 2-pin connector
- T12d 12-pin connector
- T12e 12-pin connector
- T20 20-pin connector
- T52a 52-pin connector, black
- T52c 52-pin connector, brown

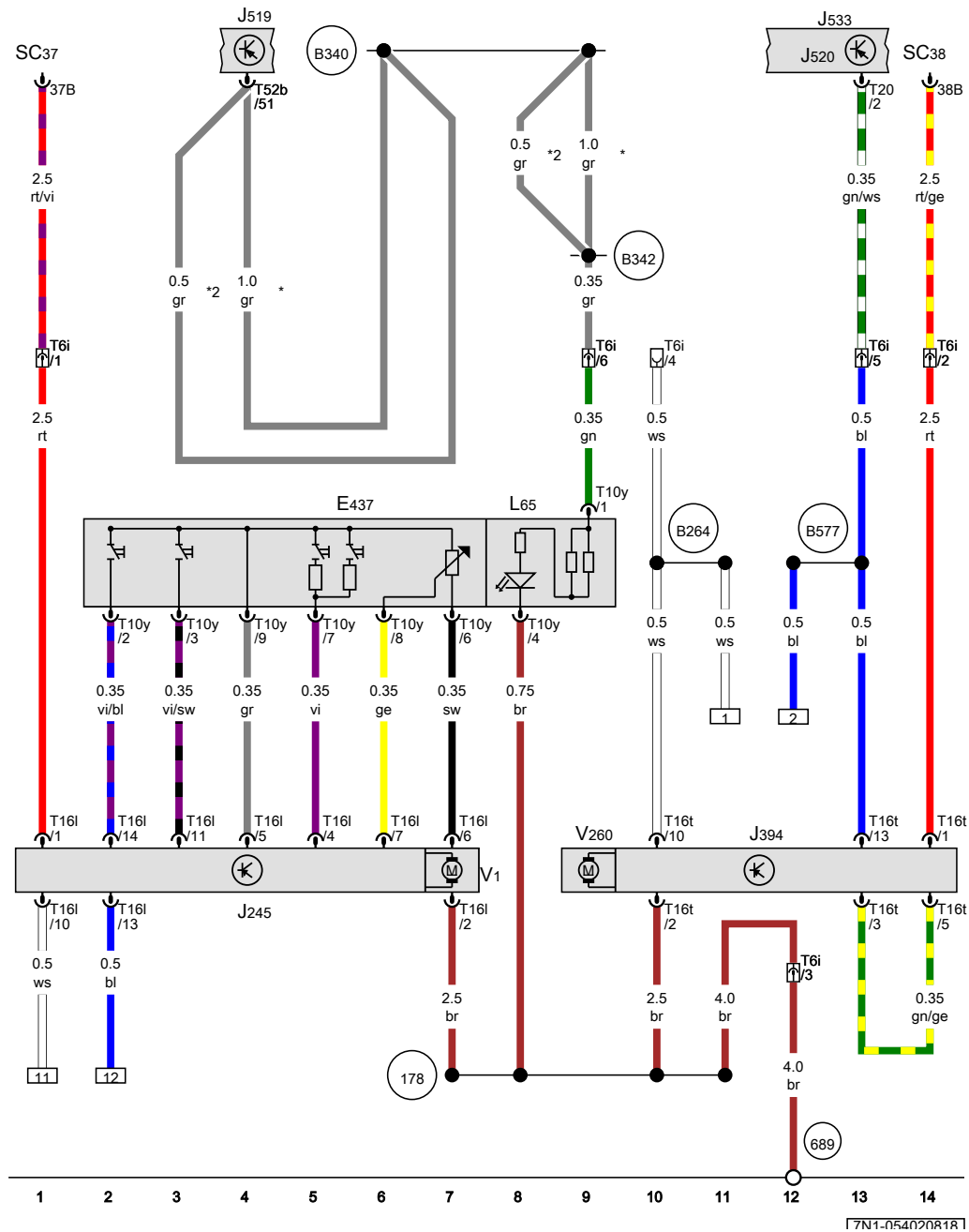
- A199 Positive connection 4 (15a) in dash panel wiring harness
- A201 Positive connection 6 (15a) in dash panel wiring harness
- B131 Connection (54), in interior wiring harness
- B185 Connection 2 (54), in interior wiring harness
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- 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
- W9 Positive connection 1 (30), in rear wiring harness
- W51 Positive connection 2 (30), in rear wiring harness

- * Up to May 2016
- *2 From May 2016
- *3 From November 2016
- *4 Up to November 2016

Panoramic sliding sunroof

From May 2012

Sun blind and sunroof button, Sliding sunroof adjustment control unit, Sunroof roller blind control unit, Data bus diagnostic interface



- E437 Sun blind and sunroof button
- J245 Sliding sunroof adjustment control unit
- J394 Sunroof roller blind control unit
- J519 Onboard supply control unit
- J520 Onboard supply control unit 2
- J533 Data bus diagnostic interface
- L65 Sliding sunroof switch illumination bulb
- SC37 Fuse 37 on fuse holder C
- SC38 Fuse 38 on fuse holder C
- T6i 6-pin connector
- T10y 10-pin connector
- T16l 16-pin connector
- T16t 16-pin connector
- T20 20-pin connector, red
- T52b 52-pin connector
- V1 Sliding sunroof motor
- V260 Sunroof roller blind motor

- 178 Earth connection, in sliding sunroof wiring harness
- 689 Earth point, at front, central in roof
- B264 Connection 1, in roof wiring harness
- B340 Connection 1 (58d), in main wiring harness
- B342 Connection 3 (58d), in main wiring harness
- B577 LIN bus connection, in roof wiring harness

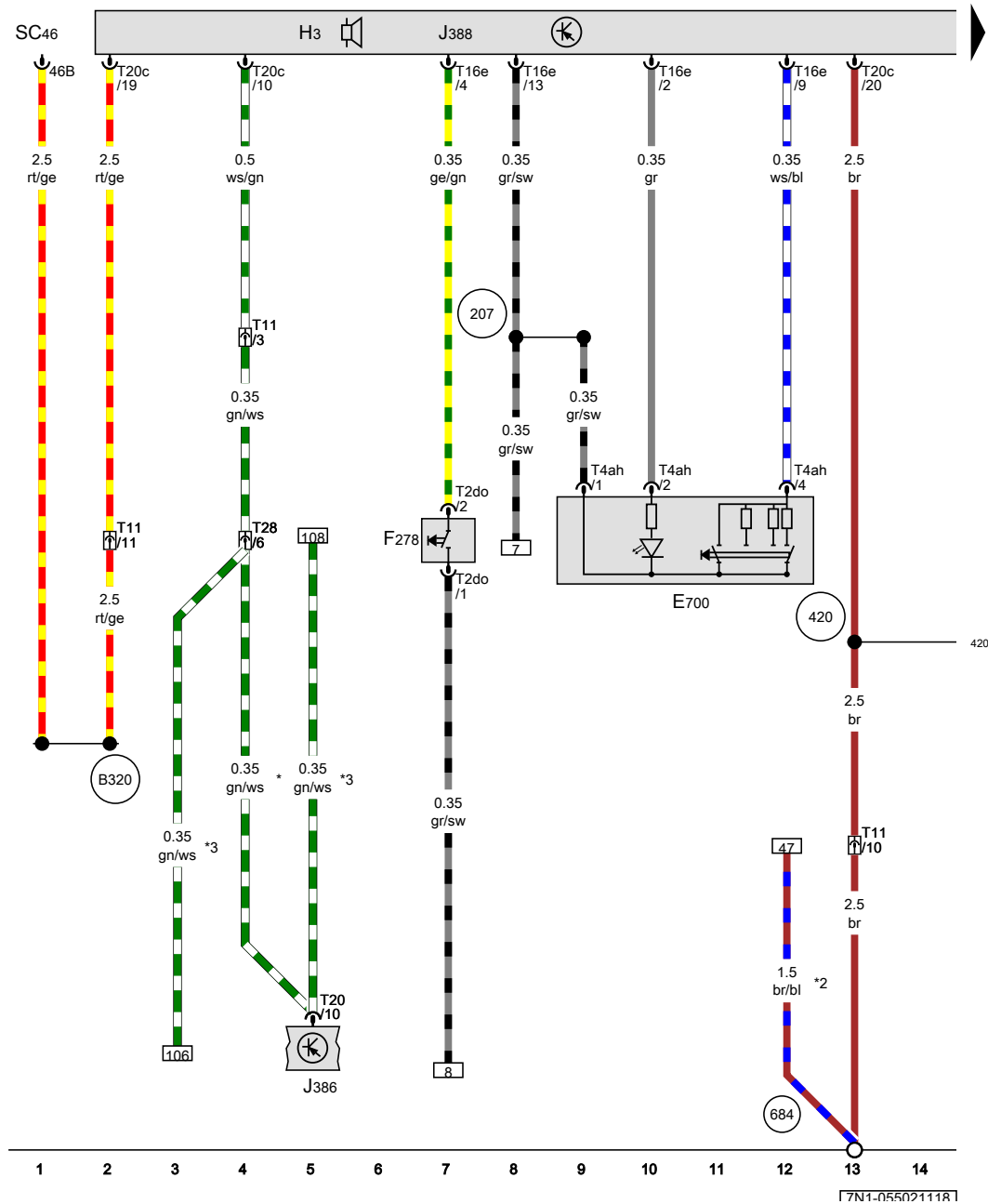
* Up to May 2017
*2 From May 2017

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Electric sliding door with power latching system

From May 2012

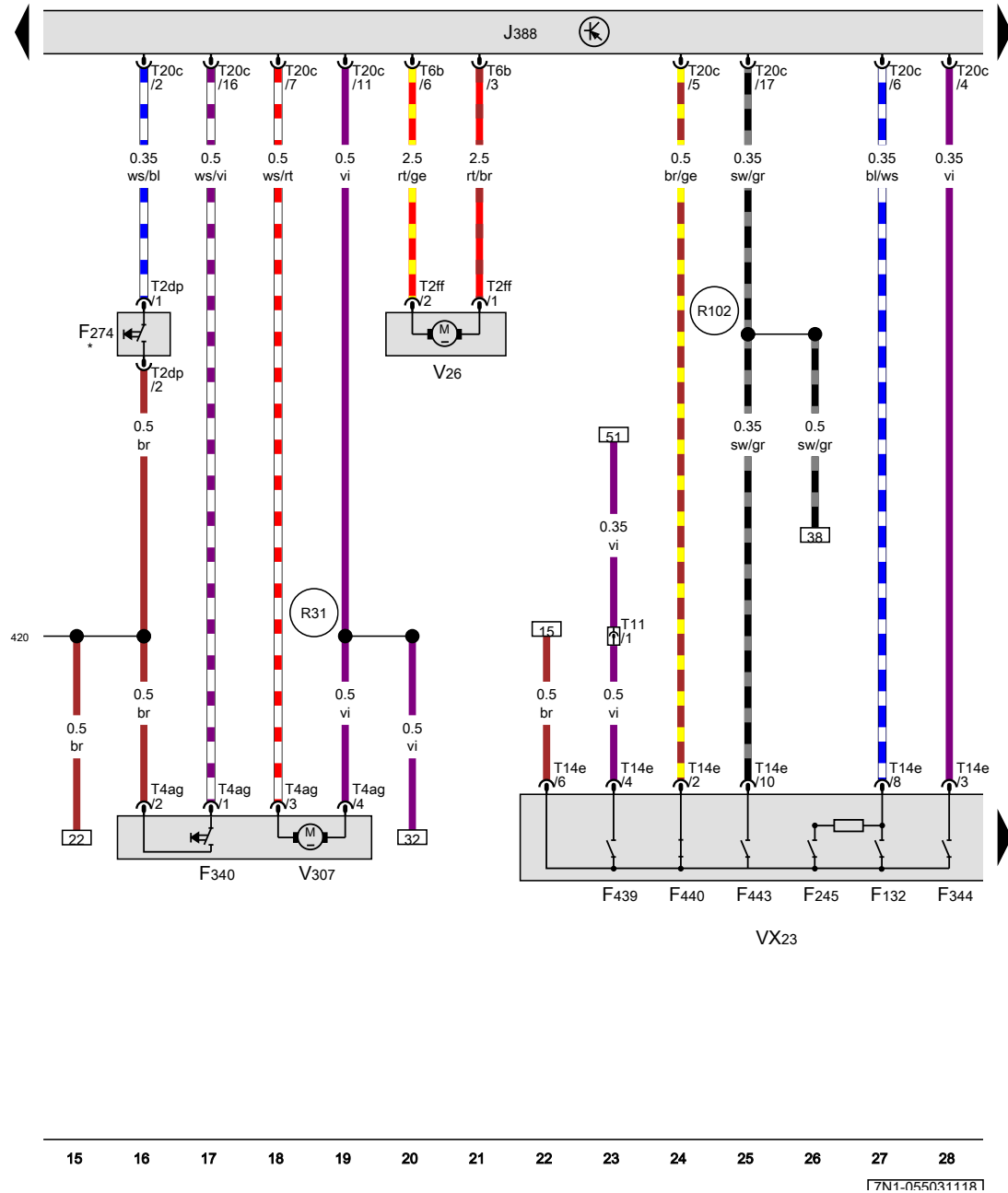
Rear left window regulator button in rear left door, Rear left interior door handle switch, Buzzer and gong, Driver door control unit, Rear left door control unit



- E700 Rear left window regulator button in rear left door
- F278 Rear left interior door handle switch
- H3 Buzzer and gong
- J386 Driver door control unit
- J388 Rear left door control unit
- SC46 Fuse 46 on fuse holder C
- T2do 2-pin connector
- T4ah 4-pin connector
- T11 11-pin connector
- T16e 16-pin connector
- T20 20-pin connector
- T20c 20-pin connector
- T28 28-pin connector

- 207 Earth connection, in rear left door wiring harness
- 420 Earth connection 1, in left sliding door wiring harness
- 684 Earth point on front of left side member
- B320 Positive connection 6 (30a) in main wiring harness
- * For left-hand drive models
- *2 Up to November 2018
- *3 For right-hand drive models

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Rear left exterior door handle switch, Rear left door power latching system contact switch, Rear left door control unit, Rear left door lock unit, Rear left window regulator motor, Rear left power latching motor

- F132 Rear left central locking actuator
- F245 Rear left door central locking actuator for SAFELOCK function
- F274 Rear left exterior door handle switch
- F340 Rear left door power latching system contact switch
- F344 Rear left childproof lock contact switch
- F439 Contact switch for rotary latch
- F440 Contact switch 2 for rotary latch
- F443 Contact switch for locking pawl
- J388 Rear left door control unit
- T2dp 2-pin connector
- T2ff 2-pin connector
- T4ag 4-pin connector
- T6b 6-pin connector
- T11 11-pin connector
- T14e 14-pin connector
- T20c 20-pin connector
- VX23 Rear left door lock unit
- V26 Rear left window regulator motor
- V307 Rear left power latching motor

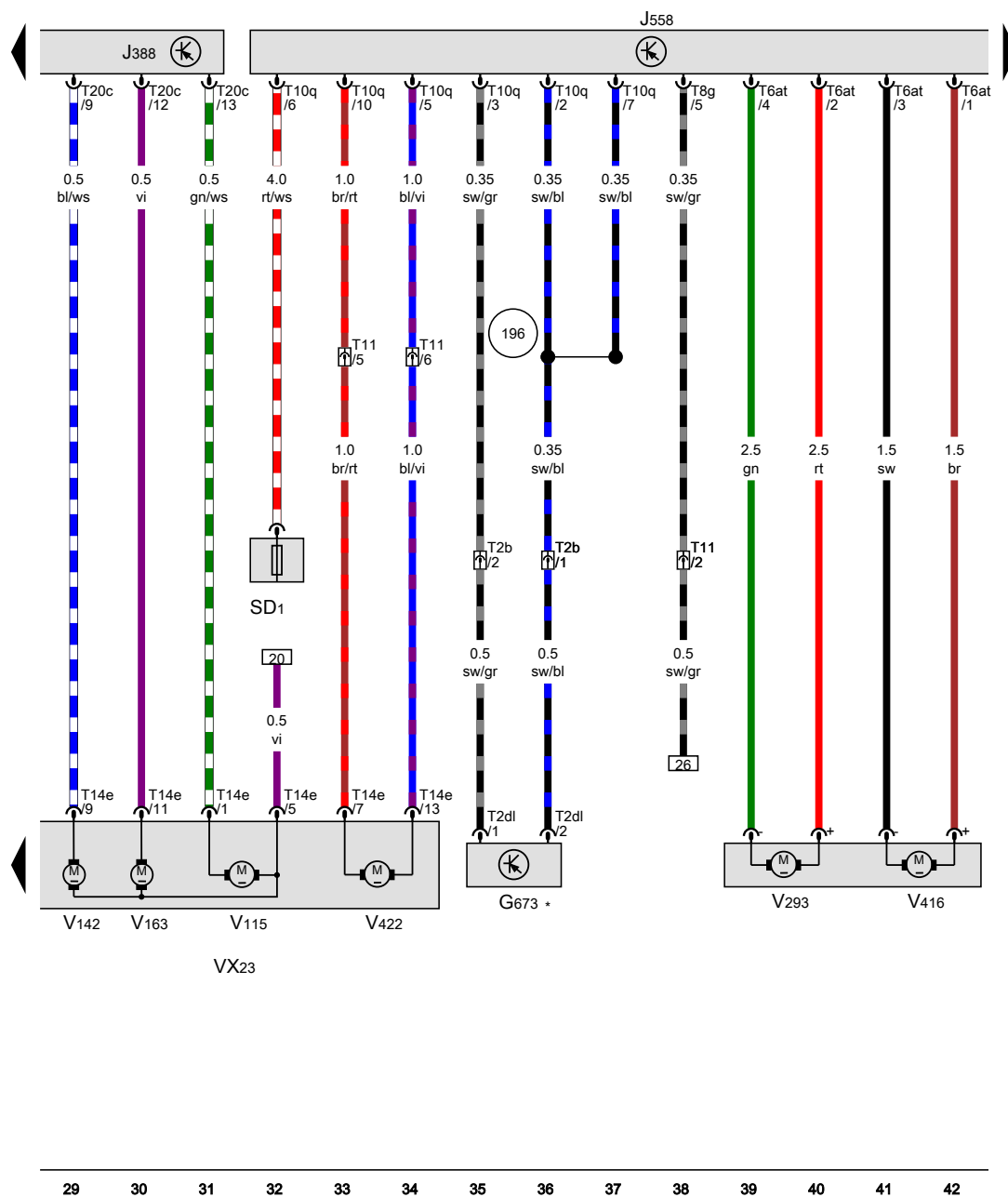
420 Earth connection 1, in left sliding door wiring harness

R31 Connection 1, in rear left door wiring harness

R102 Connection 2, in rear left door wiring harness

* Pre-wired component

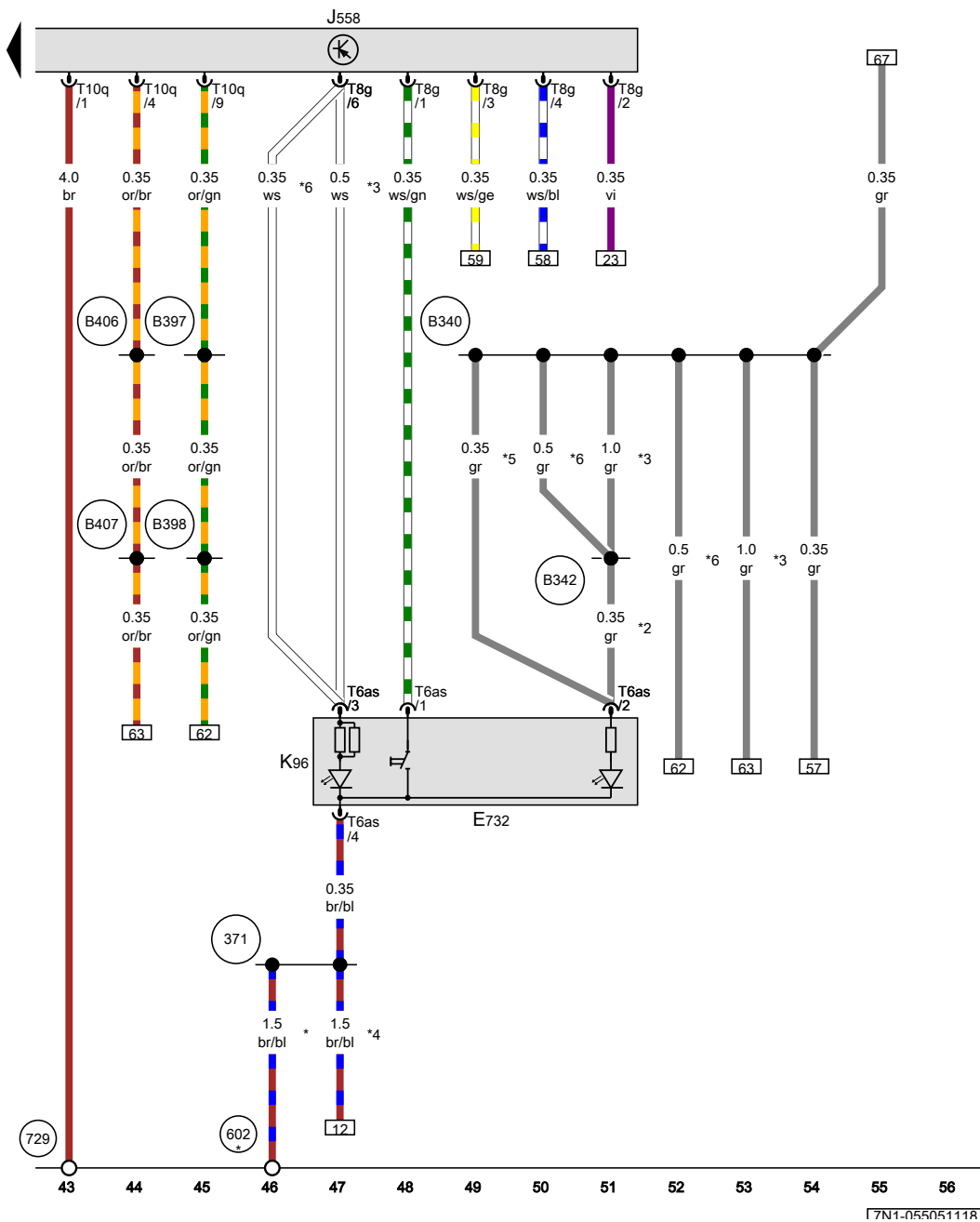
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Anti-trapping sender, Rear left door control unit, Left sliding door control unit, Rear left door lock unit, Sliding door opening motor, Sliding door coupling motor

- G673 Anti-trapping sender, in left sliding door
- J388 Rear left door control unit
- J558 Left sliding door control unit
- SD1 Fuse 1 on fuse holder D
- T2b 2-pin connector
- T2dl 2-pin connector
- T6at 6-pin connector
- T8g 8-pin connector
- T10q 10-pin connector
- T11 11-pin connector
- T14e 14-pin connector
- T20c 20-pin connector
- VX23 Rear left door lock unit
- V115 Rear left door central locking motor
- V142 Rear left childproof lock motor
- V163 Rear left door central locking SAFELOCK function motor
- V293 Sliding door opening motor
- V416 Sliding door coupling motor
- V422 Rear left rotary latch motor

- 196 Earth connection 3, in rear wiring harness
- * Pre-wired component



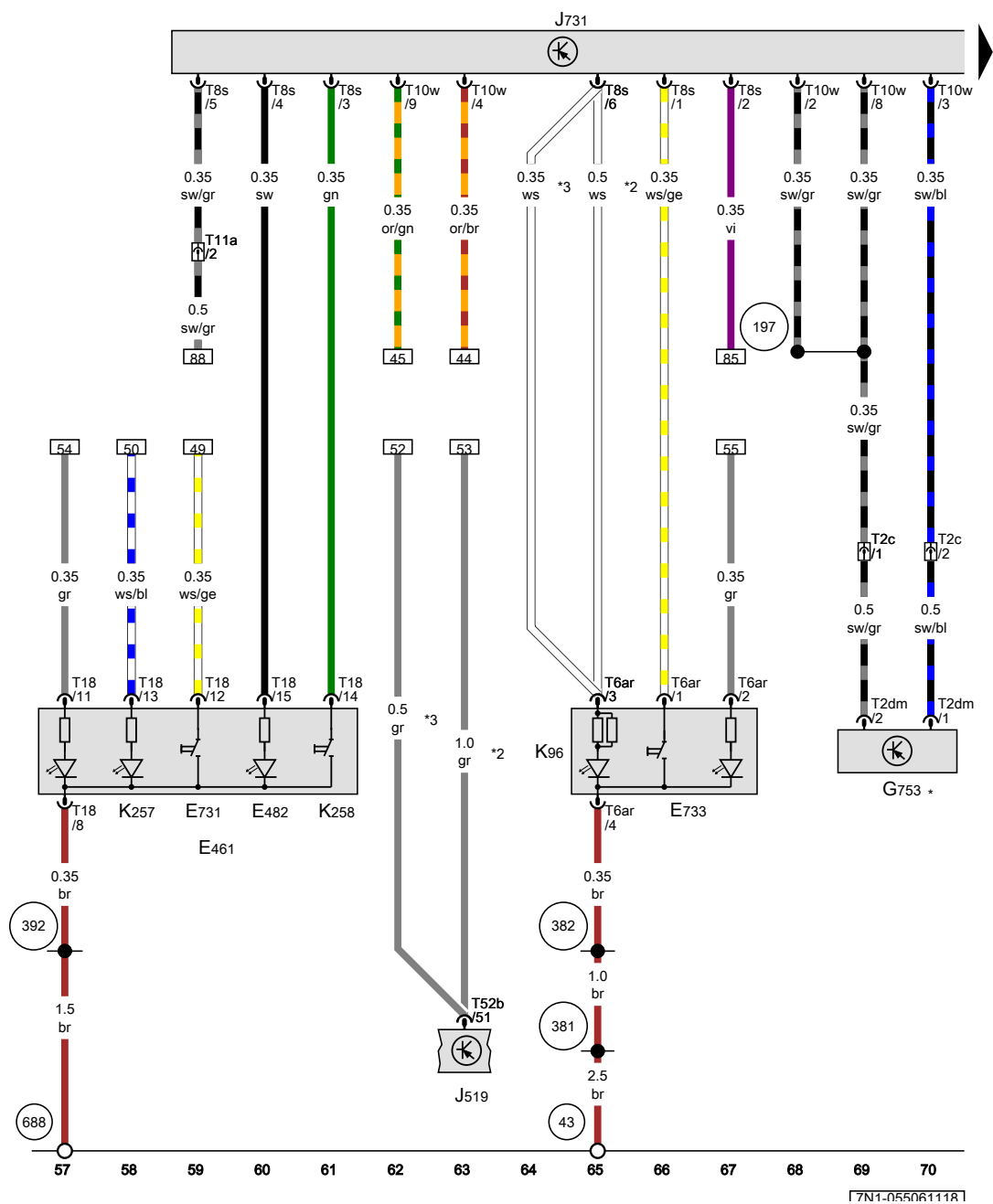
Left sliding door button 2, Left sliding door control unit

- E732 Left sliding door button 2, on left B-pillar
- J558 Left sliding door control unit
- K96 Warning lamp
- T6as 6-pin connector
- T8g 8-pin connector
- T10q 10-pin connector

- 371 Earth connection 6, in main wiring harness
- 602 Earth point, in front left footwell
- 729 Earth point, on left rear wheel housing
- B340 Connection 1 (58d), in main wiring harness
- B342 Connection 3 (58d), 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

- * From November 2018
- *2 Up to November 2016
- *3 Up to May 2017
- *4 Up to November 2018
- *5 From November 2016
- *6 From May 2017

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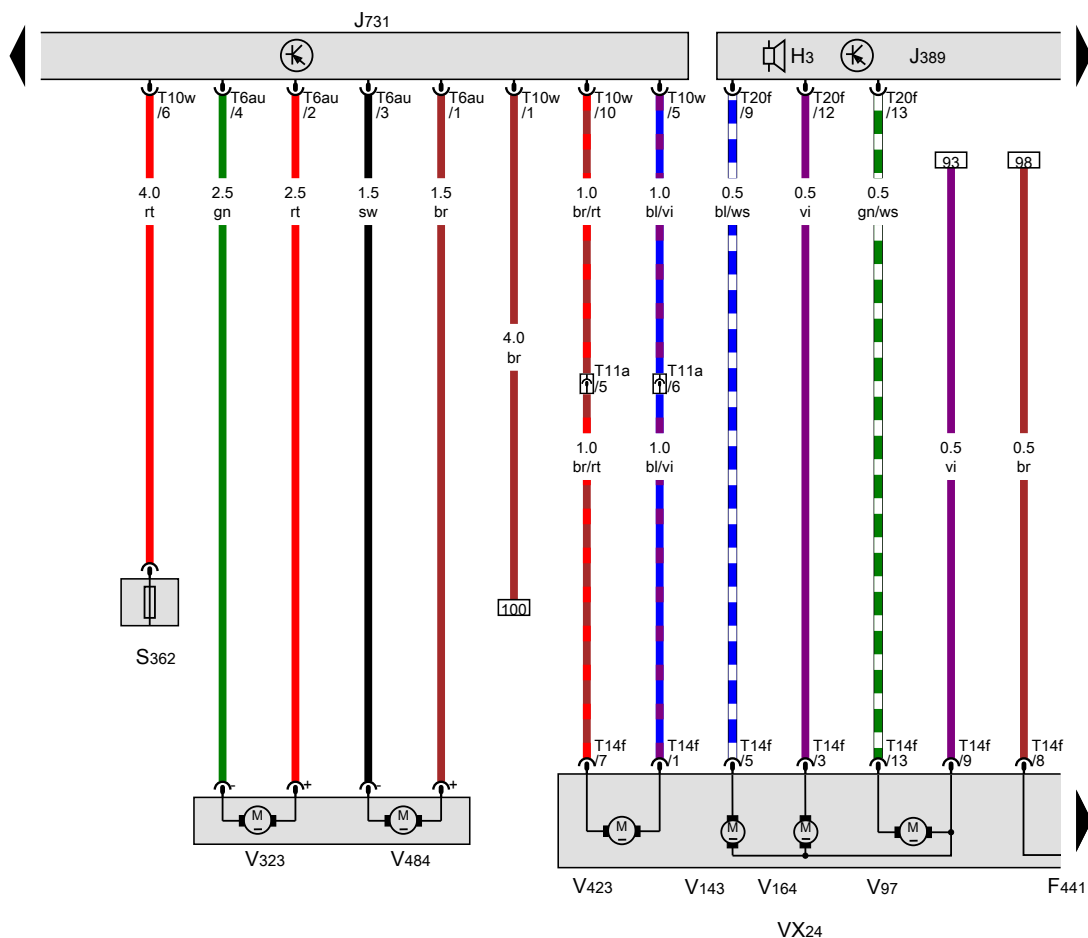


Operating unit in front of centre console, Right sliding door button 2, Anti-trapping sender 2, Right sliding door control unit

- E461 Operating unit in front of centre console
- E482 Right sliding door button, in front centre console
- E731 Left sliding door button, in front centre console
- E733 Right sliding door button 2, on right B-pillar
- G753 Anti-trapping sender 2, in right sliding door
- J519 Onboard supply control unit
- J731 Right sliding door control unit
- K96 Warning lamp
- K257 Sliding door warning lamp
- K258 Sliding door warning lamp 2
- T2c 2-pin connector
- T2dm 2-pin connector
- T6ar 6-pin connector
- T8s 8-pin connector
- T10w 10-pin connector
- T11a 11-pin connector
- T18 18-pin connector
- T52b 52-pin connector

- 43 Earth point, lower part of right A-pillar
- 197 Earth connection 4, in rear wiring harness
- 381 Earth connection 16, in main wiring harness
- 382 Earth connection 17, in main wiring harness
- 392 Earth connection 27, in main wiring harness
- 688 Earth point 2, on centre tunnel

- * Pre-wired component
- *2 Up to May 2017
- *3 From May 2017

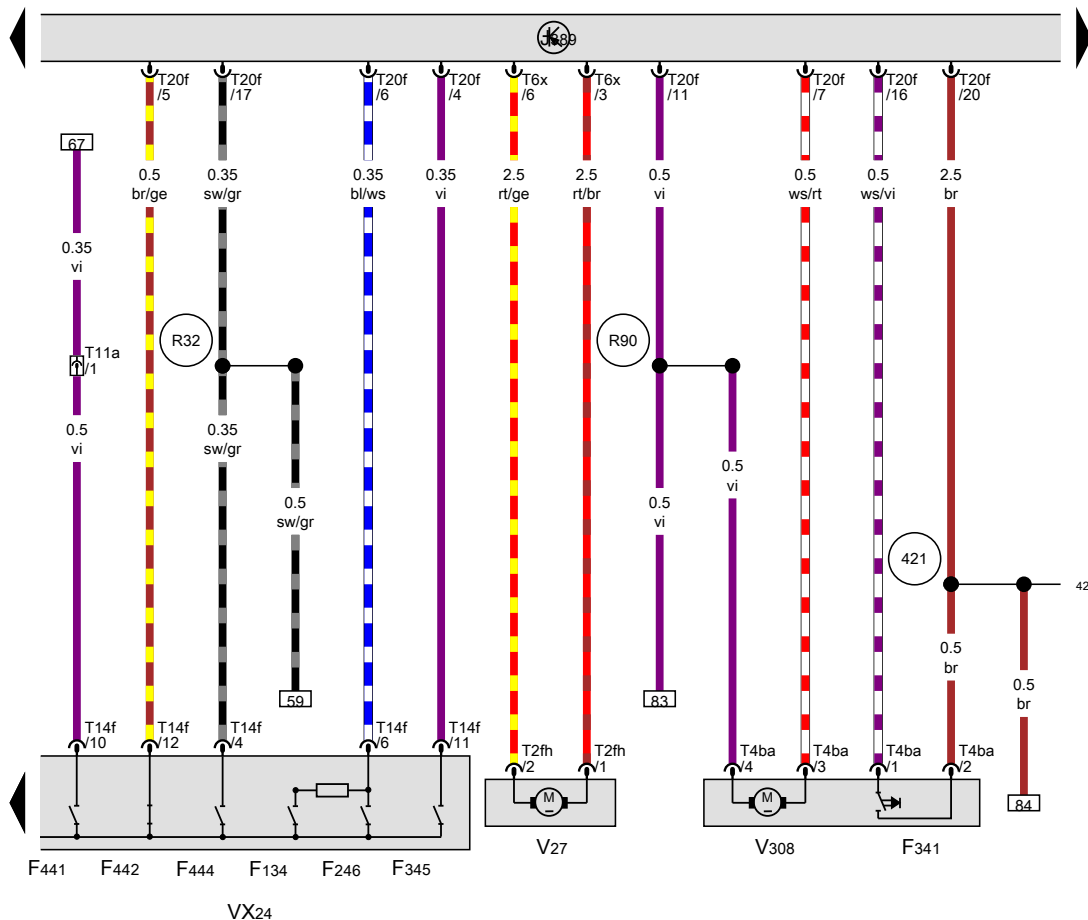


Buzzer and gong, Rear right door control unit, Right sliding door control unit, Rear right door lock unit, Motor to open right sliding door, Sliding door coupling motor 2

- F441 Contact switch 3 for rotary latch
- H3 Buzzer and gong
- J389 Rear right door control unit
- J731 Right sliding door control unit
- S362 Thermal fuse 2
- T6au 6-pin connector
- T10w 10-pin connector
- T11a 11-pin connector
- T14f 14-pin connector
- T20f 20-pin connector
- VX24 Rear right door lock unit
- V97 Rear right door central locking motor
- V143 Rear right childproof lock motor
- V164 Rear right door central SAFELOCK function locking motor
- V323 Motor to open right sliding door
- V423 Rear right rotary latch motor
- V484 Sliding door coupling motor 2

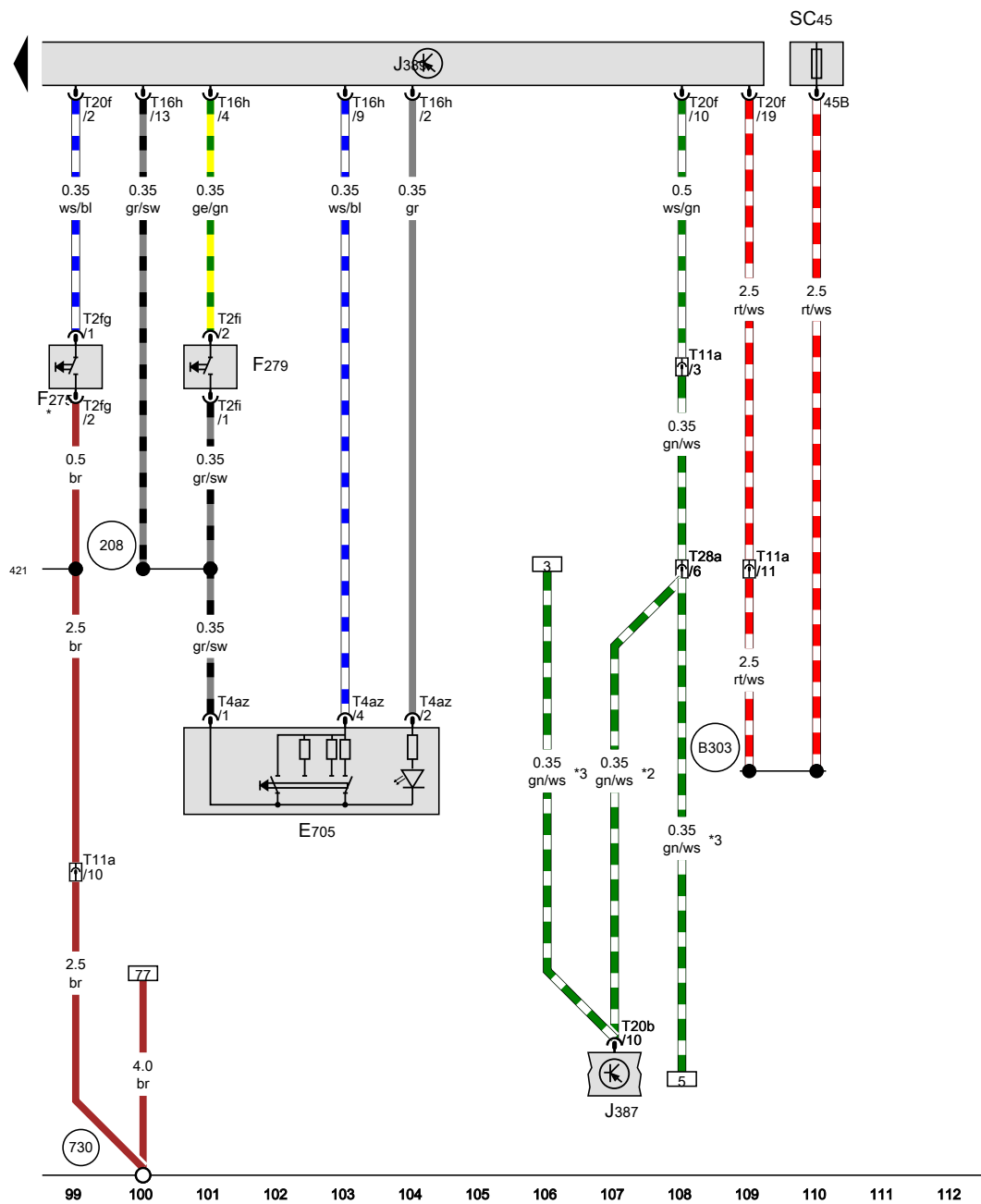
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Rear right door power latching system contact switch, Rear right door control unit, Rear right door lock unit, Rear right window regulator motor, Rear right power latching motor



- F134 Rear right central locking actuator
- F246 Rear right door central locking actuator for SAFELOCK function
- F341 Rear right door power latching system contact switch
- F345 Rear right childproof lock contact switch
- F441 Contact switch 3 for rotary latch
- F442 Contact switch 4 for rotary latch
- F444 Contact switch 2 for locking pawl
- J389 Rear right door control unit
- T2fh 2-pin connector
- T4ba 4-pin connector
- T6x 6-pin connector
- T11a 11-pin connector
- T14f 14-pin connector
- T20f 20-pin connector
- VX24 Rear right door lock unit
- V27 Rear right window regulator motor
- V308 Rear right power latching motor

- 421 Earth connection 1, in right sliding door wiring harness
- R32 Connection 2, in rear right door wiring harness
- R90 Connection 1, in rear right door wiring harness



Rear right window regulator button in rear right door, Rear right exterior door handle switch, Rear right interior door handle switch, Front passenger door control unit, Rear right door control unit

- E705 Rear right window regulator button in rear right door
- F275 Rear right exterior door handle switch
- F279 Rear right interior door handle switch
- J387 Front passenger door control unit
- J389 Rear right door control unit
- SC45 Fuse 45 on fuse holder C
- T2fg 2-pin connector
- T2fi 2-pin connector
- T4az 4-pin connector
- T11a 11-pin connector
- T16h 16-pin connector
- T20b 20-pin connector
- T20f 20-pin connector
- T28a 28-pin connector

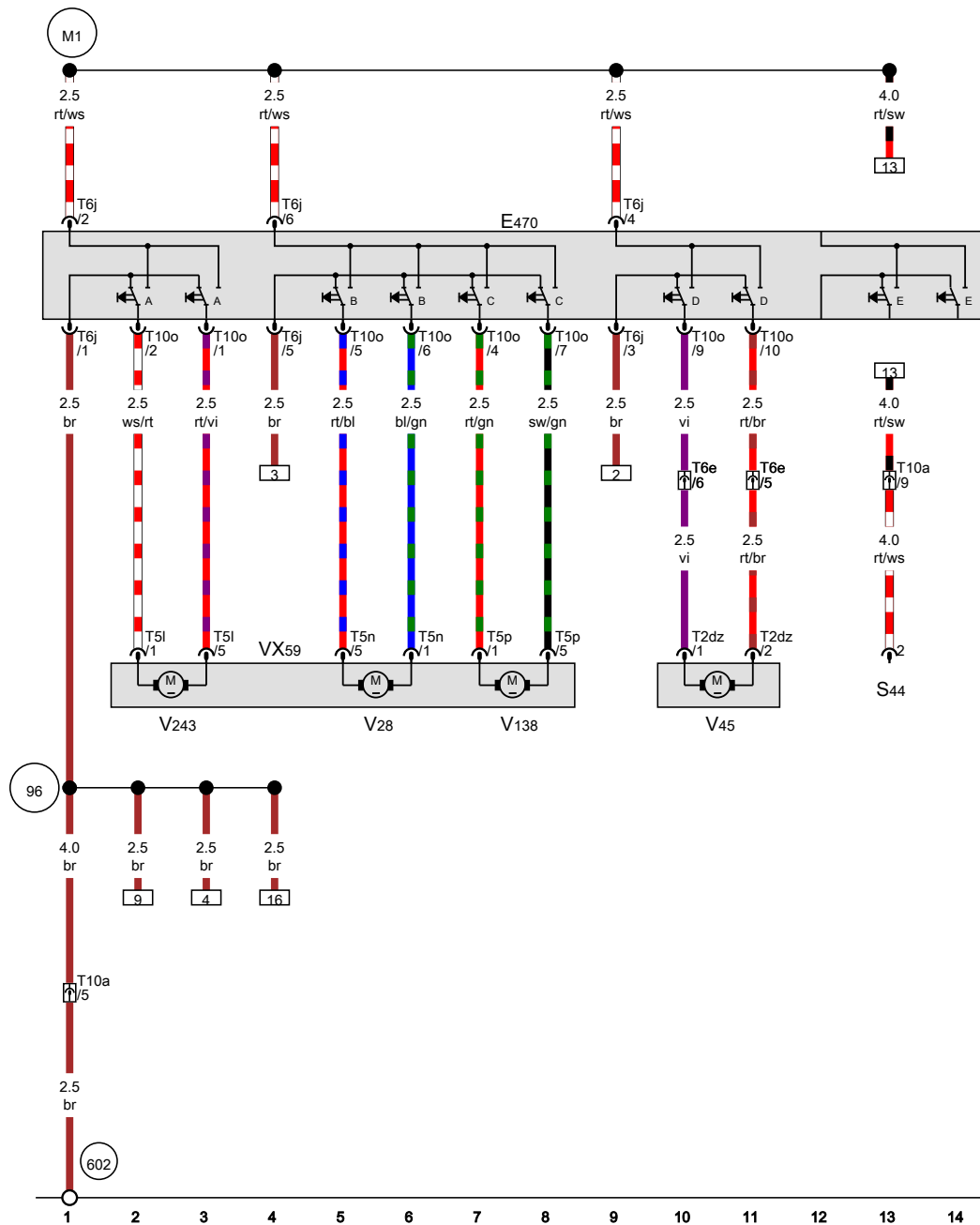
- 208 Earth connection, in rear right door wiring harness
- 421 Earth connection 1, in right sliding door wiring harness
- 730 Earth point 1, on right rear wheel housing
- B303 Positive connection 7 (30), in main wiring harness
- * Pre-wired component
- *2 For left-hand drive models
- *3 For right-hand drive models

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17N1-055091118

Electric seat adjustment with no memory function

From May 2012



Driver seat adjustment operating unit, Driver seat adjustment thermal fuse 1, Driver seat backrest adjustment motor, Driver seat pan

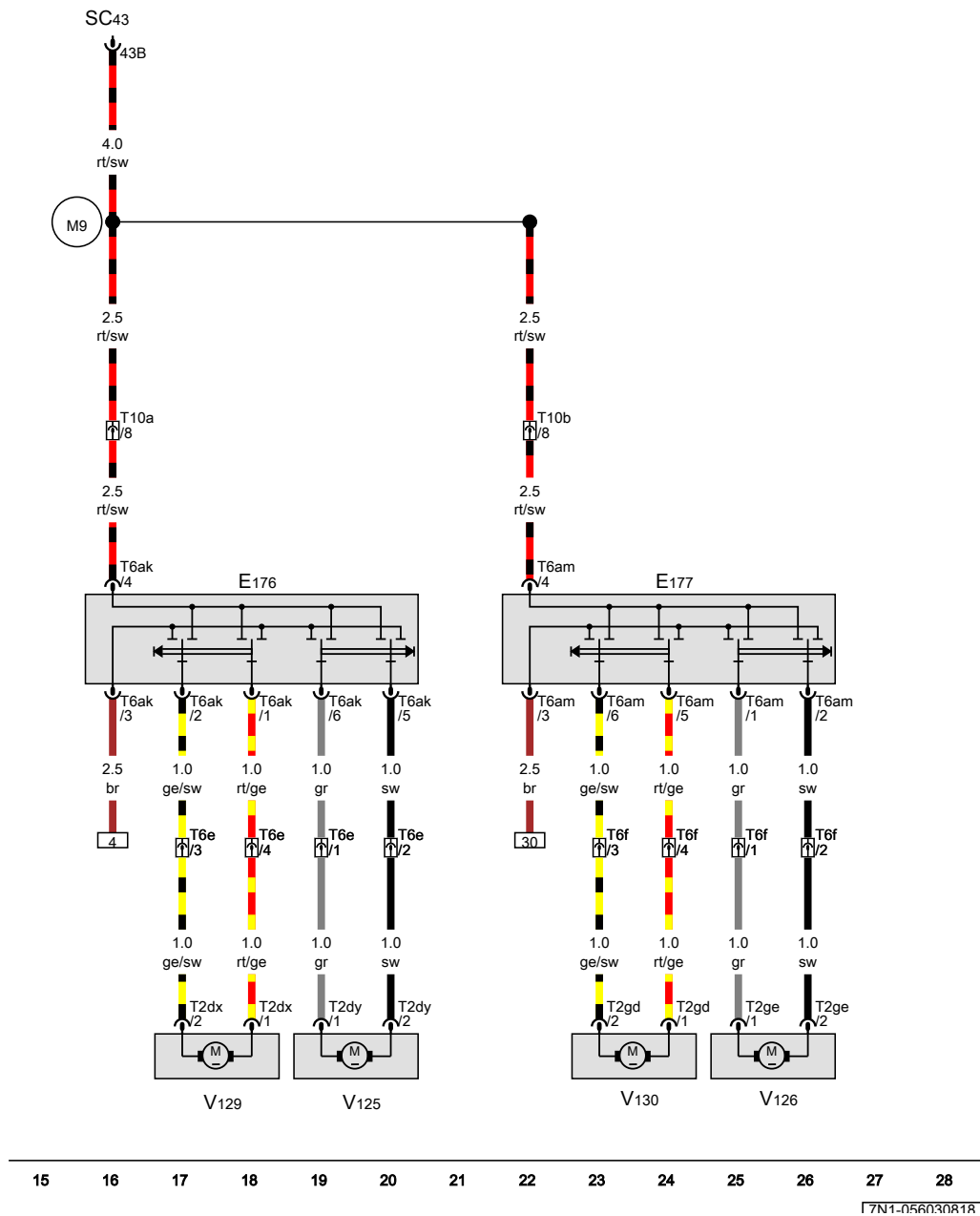
E470	Driver seat adjustment operating unit
S44	Driver seat adjustment thermal fuse 1
T2dz	2-pin connector
T5l	5-pin connector
T5n	5-pin connector
T5p	5-pin connector
T6e	6-pin connector
T6j	6-pin connector
T10a	10-pin connector
T10o	10-pin connector
V28	Driver seat longitudinal adjustment motor
V45	Driver seat backrest adjustment motor
VX59	Driver seat pan
V138	Driver seat height adjustment motor
V243	Driver seat rake adjustment motor

- 96 Earth connection 1, in seat heating wiring harness
- 602 Earth point, in front left footwell
- M1 Positive connection 1 (30), in seat adjustment wiring harness

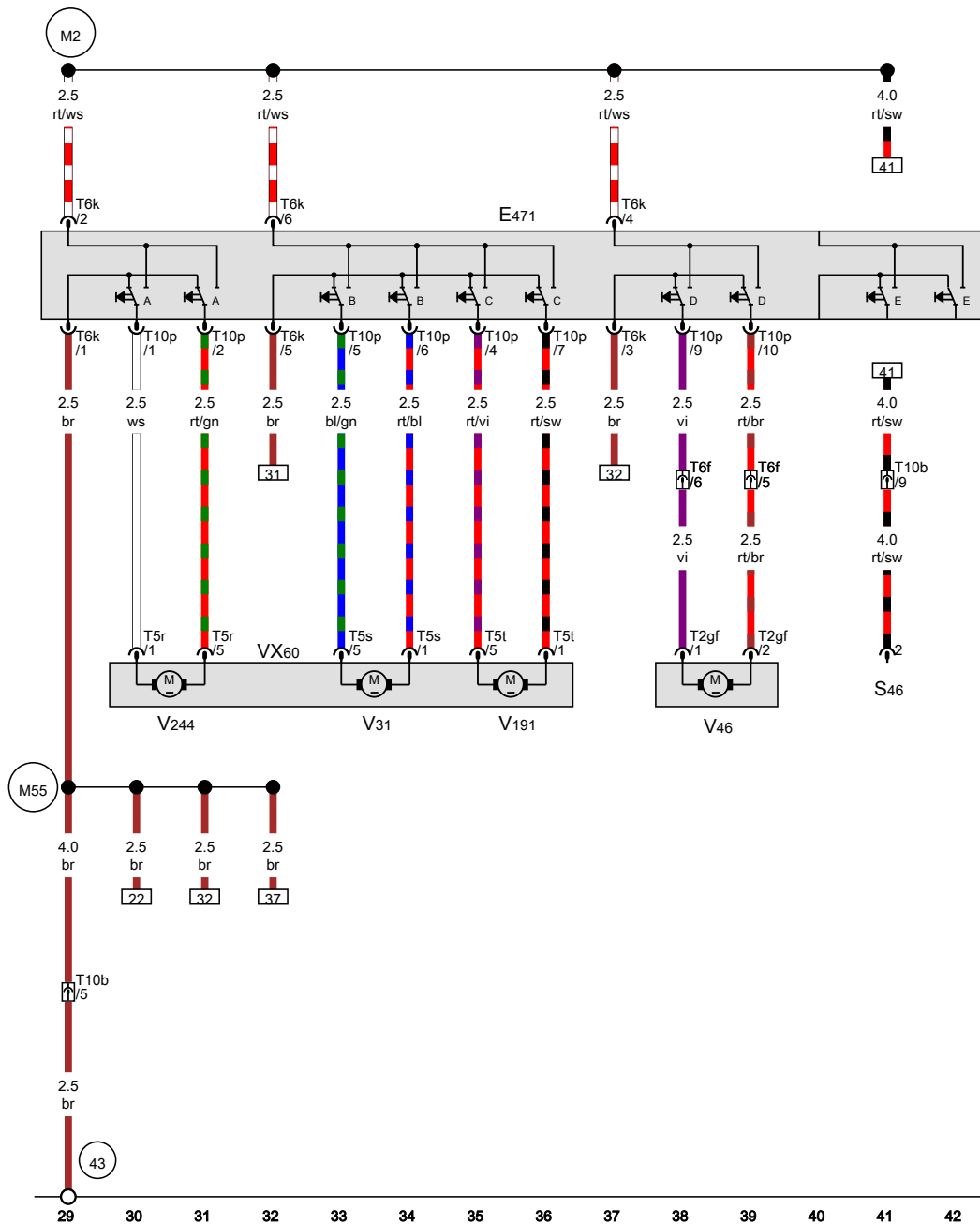
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Driver seat lumbar support adjustment switch, Front passenger seat lumbar support adjustment switch, Driver seat lumbar support longitudinal adjustment motor, Front passenger seat lumbar support longitudinal adjustment motor, Driver seat lumbar support height 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
- SC43 Fuse 43 on fuse holder C
- T2dx 2-pin connector
- T2dy 2-pin connector
- T2gd 2-pin connector
- T2ge 2-pin connector
- T6ak 6-pin connector
- T6am 6-pin connector
- T6e 6-pin connector
- T6f 6-pin connector
- T10a 10-pin connector
- T10b 10-pin connector
- V125 Driver seat lumbar support longitudinal adjustment motor
- V126 Front passenger seat lumbar support longitudinal adjustment motor
- V129 Driver seat lumbar support height adjustment motor
- V130 Front passenger seat lumbar support height adjustment motor
- M9 Connection, in seat adjustment wiring harness



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Front passenger seat adjustment operating unit, Front passenger seat adjustment thermal fuse 1, Front passenger seat backrest adjustment motor, Front passenger seat pan

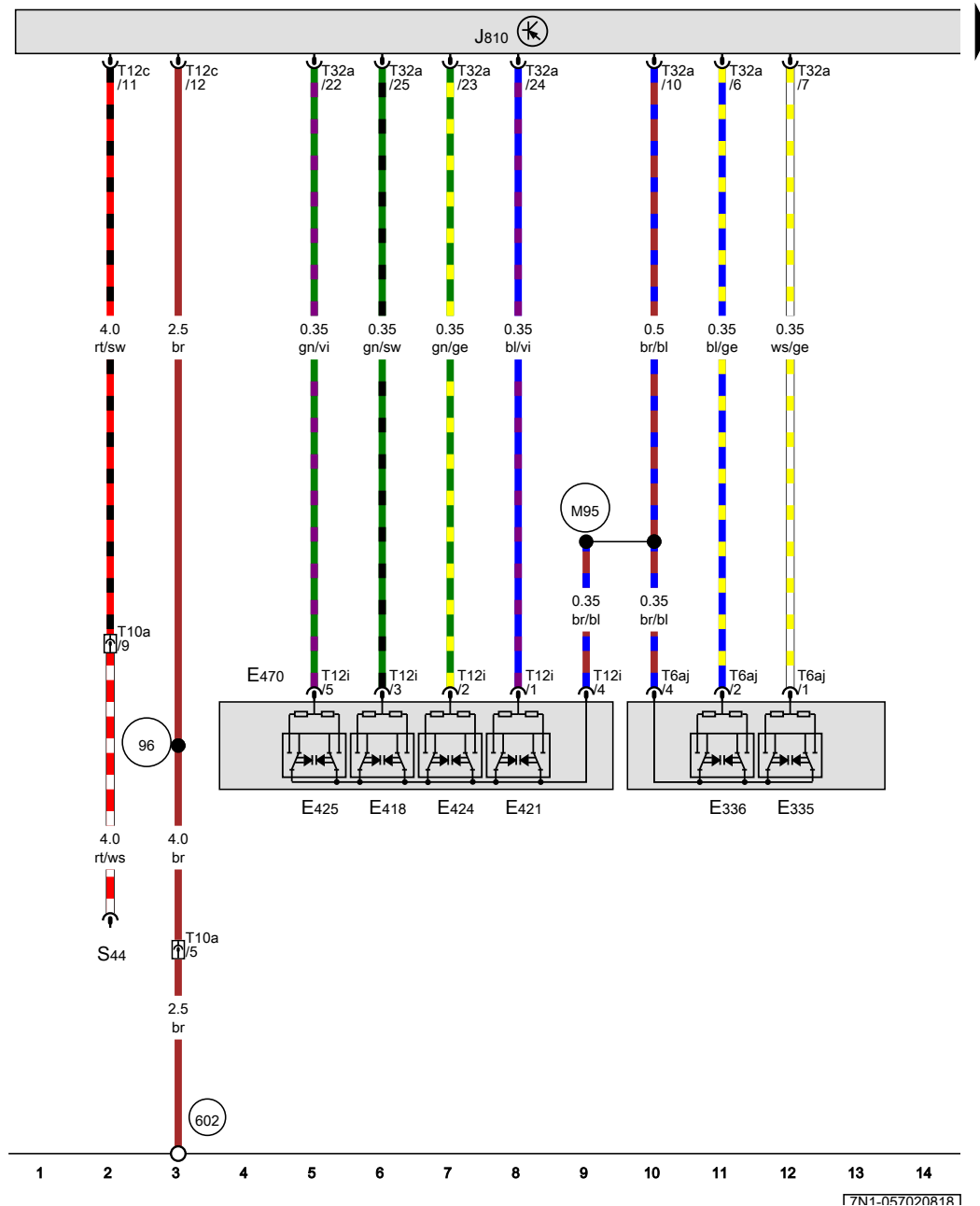
- E471 Front passenger seat adjustment operating unit
- S46 Front passenger seat adjustment thermal fuse 1
- T2gf 2-pin connector
- T5r 5-pin connector
- T5s 5-pin connector
- T5t 5-pin connector
- T6f 6-pin connector
- T6k 6-pin connector
- T10b 10-pin connector
- T10p 10-pin connector
- V31 Front passenger seat longitudinal adjustment motor
- V46 Front passenger seat backrest adjustment motor
- VX60 Front passenger seat pan
- V191 Front passenger seat height adjustment motor
- V244 Front passenger seat rake adjustment motor

- 43 Earth point, lower part of right A-pillar
- M2 Positive connection 2 (30), in seat adjustment wiring harness
- M55 Connection 5, in front passenger seat wiring harness

Electric seat adjustment with memory function

From May 2012

Lumbar support height adjustment button, Lumbar support longitudinal adjustment button, Driver seat adjustment operating unit, Driver seat adjustment control unit, Driver seat adjustment thermal fuse 1

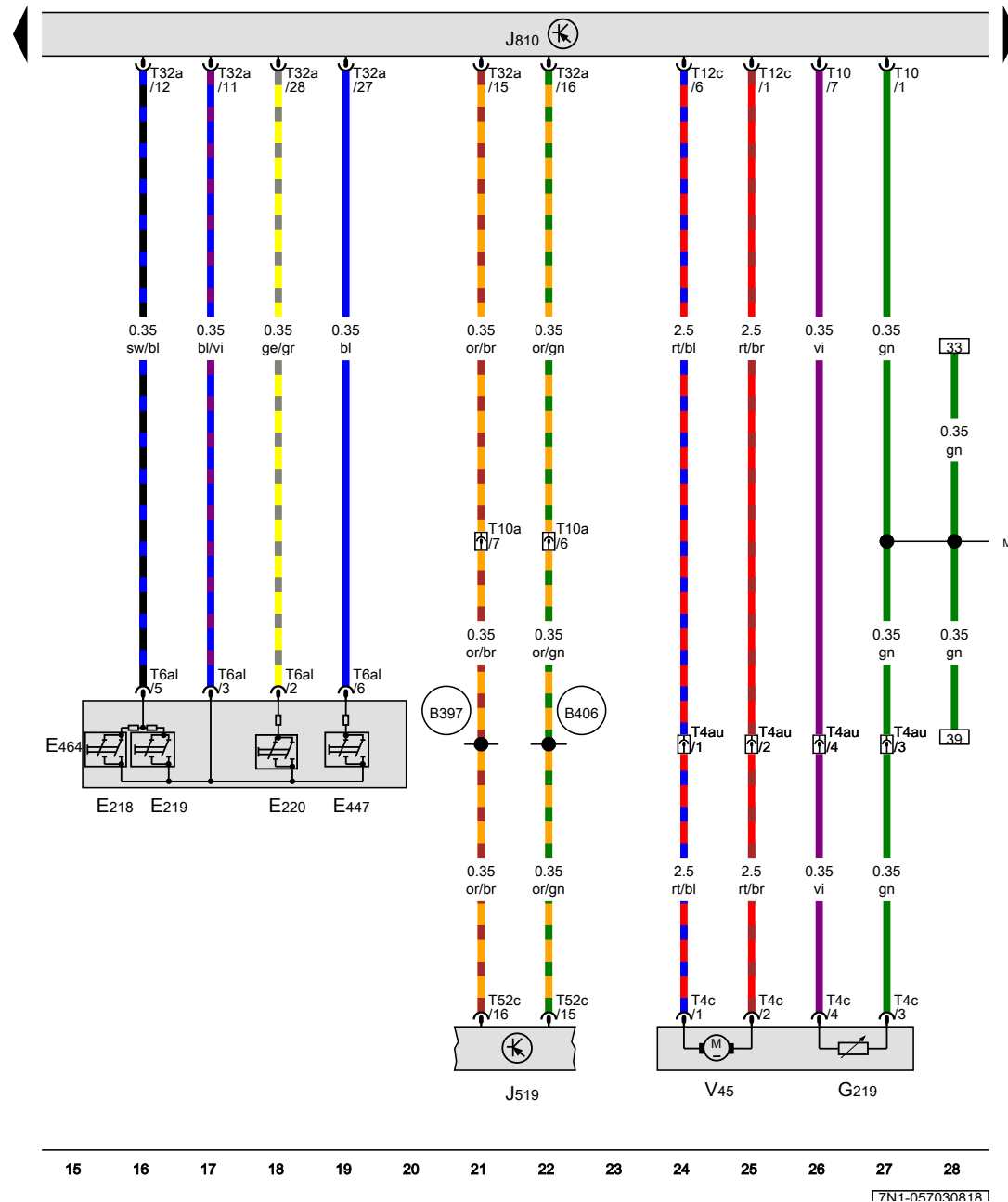


- E335 Lumbar support height adjustment button
- E336 Lumbar support longitudinal adjustment button
- E418 Seat longitudinal adjustment button
- E421 Rake adjustment button
- E424 Seat height adjustment button
- E425 Backrest adjustment button
- E470 Driver seat adjustment operating unit
- J810 Driver seat adjustment control unit
- S44 Driver seat adjustment thermal fuse 1
- T6aj 6-pin connector
- T10a 10-pin connector
- T12c 12-pin connector
- T12i 12-pin connector
- T32a 32-pin connector

- 96 Earth connection 1, in seat heating wiring harness
- 602 Earth point, in front left footwell
- M95 Connection 3, seat adjustment wiring harness

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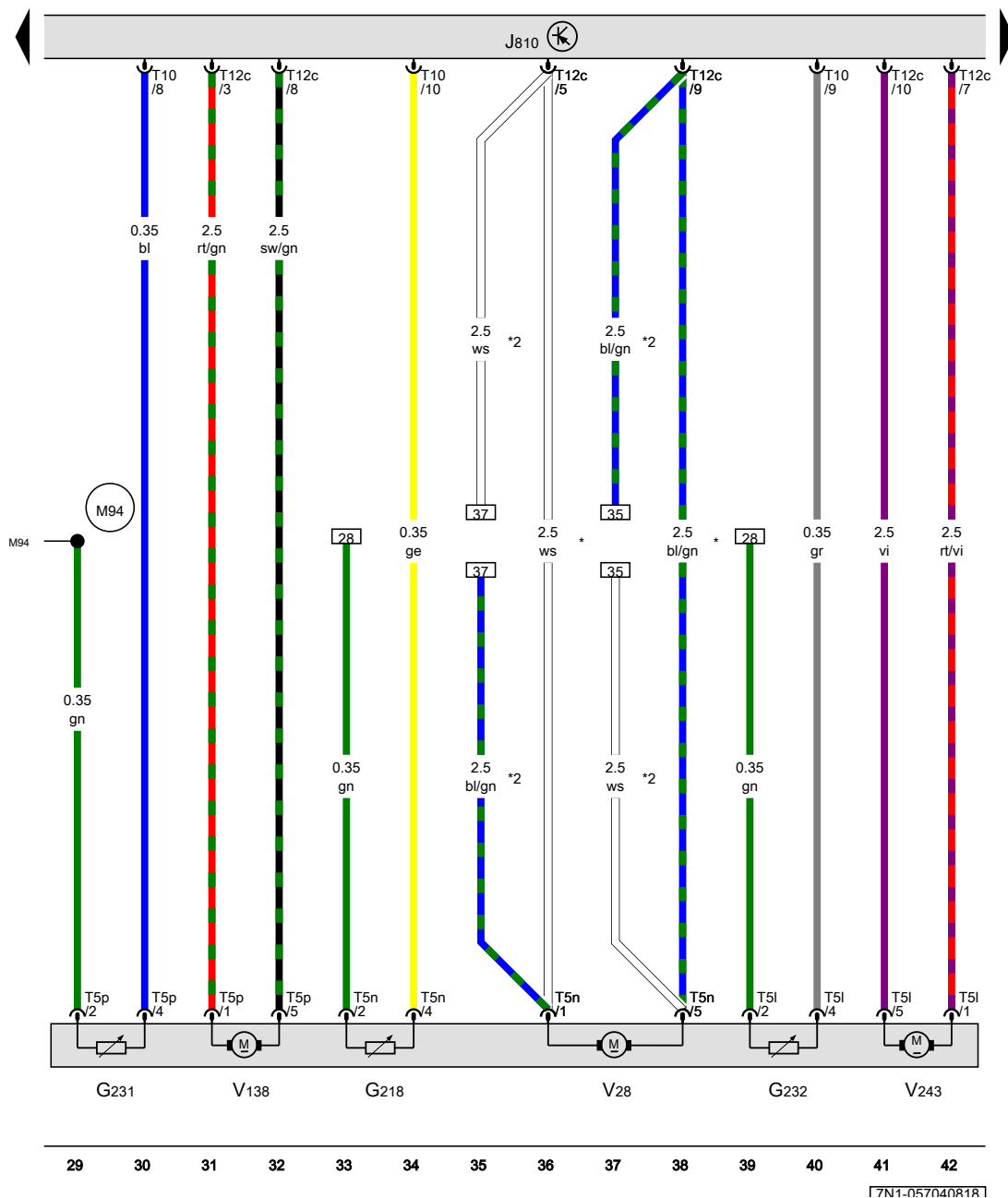
Driver operating unit for memory settings, Backrest adjustment sender for driver seat, Onboard supply control unit, Driver seat adjustment control unit, Driver seat backrest adjustment motor



- E218 Seat memory position button 1
- E219 Seat memory position button 2
- E220 Seat memory position button 3
- E447 Seat position memory button
- E464 Driver operating unit for memory settings
- G219 Backrest adjustment sender for driver seat
- J519 Onboard supply control unit
- J810 Driver seat adjustment control unit
- T4au 4-pin connector
- T4c 4-pin connector
- T6al 6-pin connector
- T10 10-pin connector
- T10a 10-pin connector
- T12c 12-pin connector
- T32a 32-pin connector
- T52c 52-pin connector
- V45 Driver seat backrest adjustment motor

- (B397) Connection 1 (convenience CAN bus, high), in main wiring harness
- (B406) Connection 1 (convenience CAN bus, low), in main wiring harness
- (M94) Connection 2, seat adjustment 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

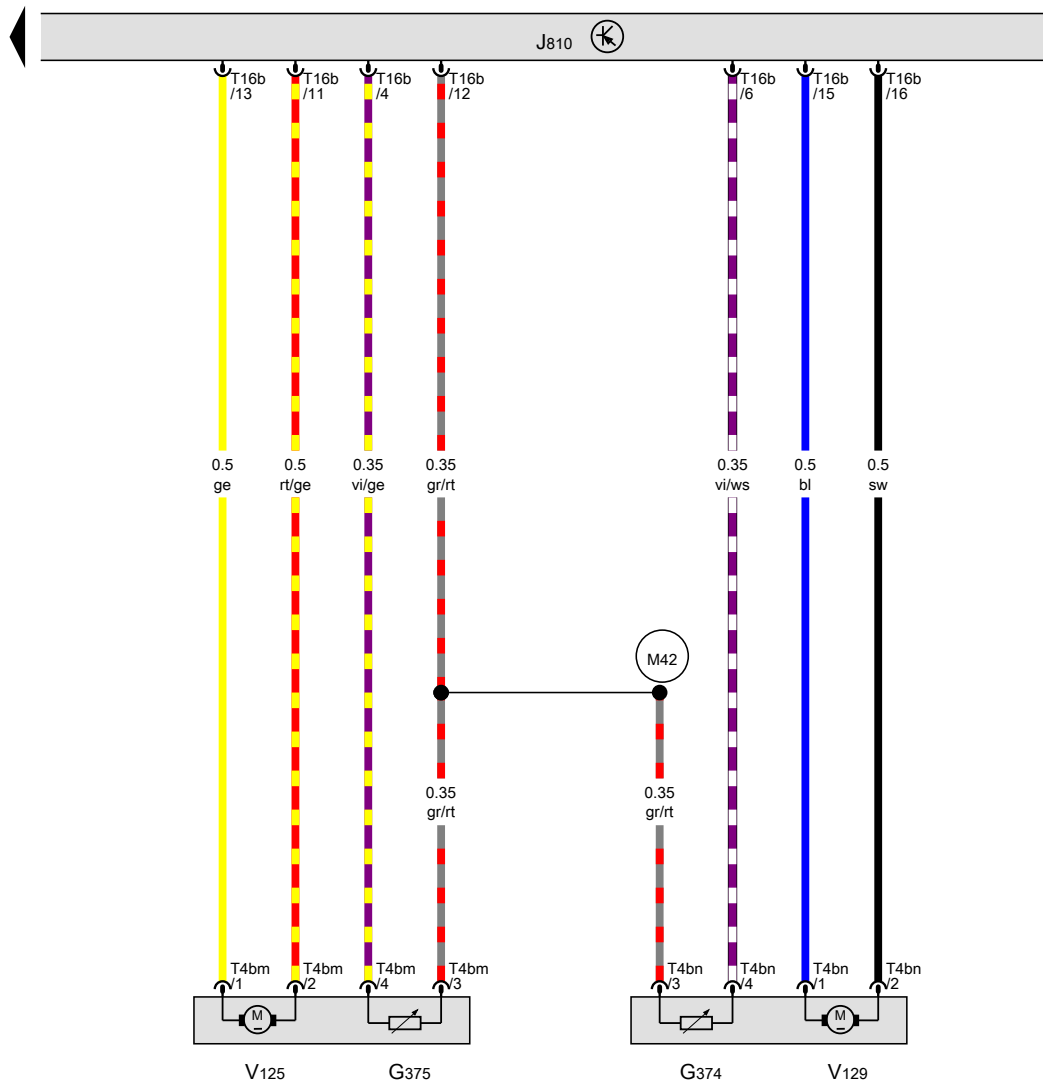


Longitudinal adjustment sender for driver seat, Height adjustment sender for driver seat, Rake adjustment sender for driver seat, Driver seat adjustment control unit, Driver seat longitudinal adjustment motor, Driver seat height adjustment motor, Driver seat rake adjustment motor

- G218 Longitudinal adjustment sender for driver seat
- G231 Height adjustment sender for driver seat
- G232 Rake adjustment sender for driver seat
- J810 Driver seat adjustment control unit
- T5l 5-pin connector
- T5n 5-pin connector
- T5p 5-pin connector
- T10 10-pin connector
- T12c 12-pin connector
- V28 Driver seat longitudinal adjustment motor
- V138 Driver seat height adjustment motor
- V243 Driver seat rake adjustment motor

M94 Connection 2, seat adjustment wiring harness

- * Up to November 2015
- *2 From November 2015



Lumbar support height adjustment sender, Lumbar support longitudinal adjustment sender, Driver seat adjustment control unit, Driver seat lumbar support longitudinal adjustment motor, Driver seat lumbar support height adjustment motor

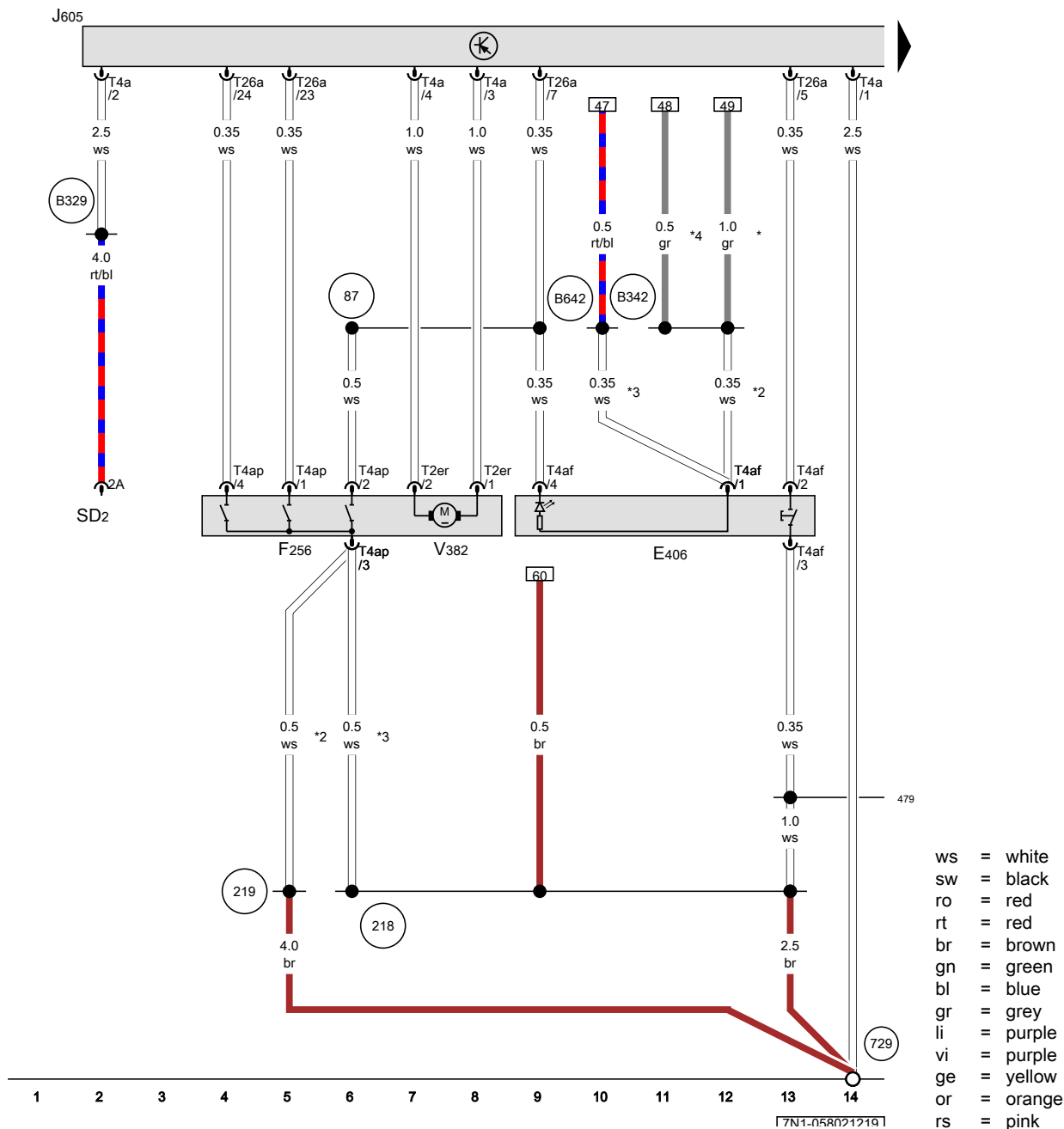
- G374 Lumbar support height adjustment sender
- G375 Lumbar support longitudinal adjustment sender
- J810 Driver seat adjustment control unit
- T4bm 4-pin connector
- T4bn 4-pin connector
- T16b 16-pin connector
- V125 Driver seat lumbar support longitudinal adjustment motor
- V129 Driver seat lumbar support height adjustment motor
- M42 Connection 2, in driver seat 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

Electrically operated rear lid

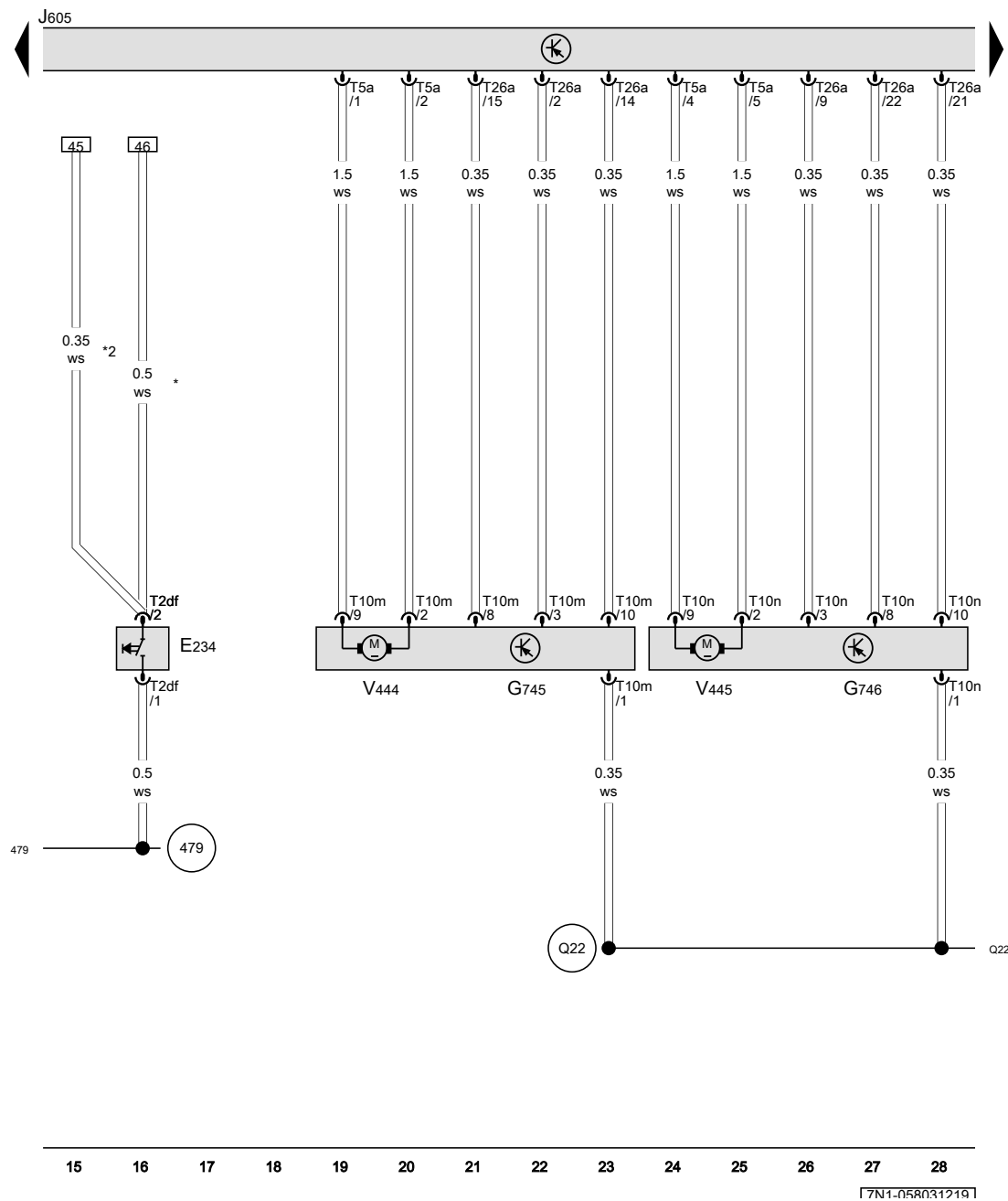
From May 2012

Button to close rear lid in luggage compartment, Rear lid lock unit, Rear lid control unit, Power latching motor for rear lid



- E406 Button to close rear lid in luggage compartment
- F256 Rear lid lock unit
- J605 Rear lid control unit
- SD2 Fuse 2 on fuse holder D
- T2er 2-pin connector
- T4a 4-pin connector
- T4af 4-pin connector
- T4ap 4-pin connector
- T26a 26-pin connector
- V382 Power latching motor for rear lid

- 87 Earth connection 2, in rear wiring harness
- 218 Earth connection 1, in rear lid wiring harness
- 219 Earth connection 2, in rear lid wiring harness
- 479 Earth connection 4, in rear lid wiring harness
- 729 Earth point, on left rear wheel housing
- B329 Positive connection 15 (30a) in main wiring harness
- B342 Connection 3 (58d), in main wiring harness
- B642 Positive connection (58), in main wiring harness
- * Up to May 2017
- *2 Up to May 2013
- *3 From May 2013
- *4 From May 2017



Rear lid handle release button, Sensor in motor 1 for rear lid, Sensor in motor 2 for rear lid, Rear lid control unit, Motor 1 for rear lid, Motor 2 for rear lid

- E234 Rear lid handle release button
- G745 Sensor in motor 1 for rear lid
- G746 Sensor in motor 2 for rear lid
- J605 Rear lid control unit
- T2df 2-pin connector
- T5a 5-pin connector
- T10m 10-pin connector
- T10n 10-pin connector
- T26a 26-pin connector
- V444 Motor 1 for rear lid
- V445 Motor 2 for rear lid

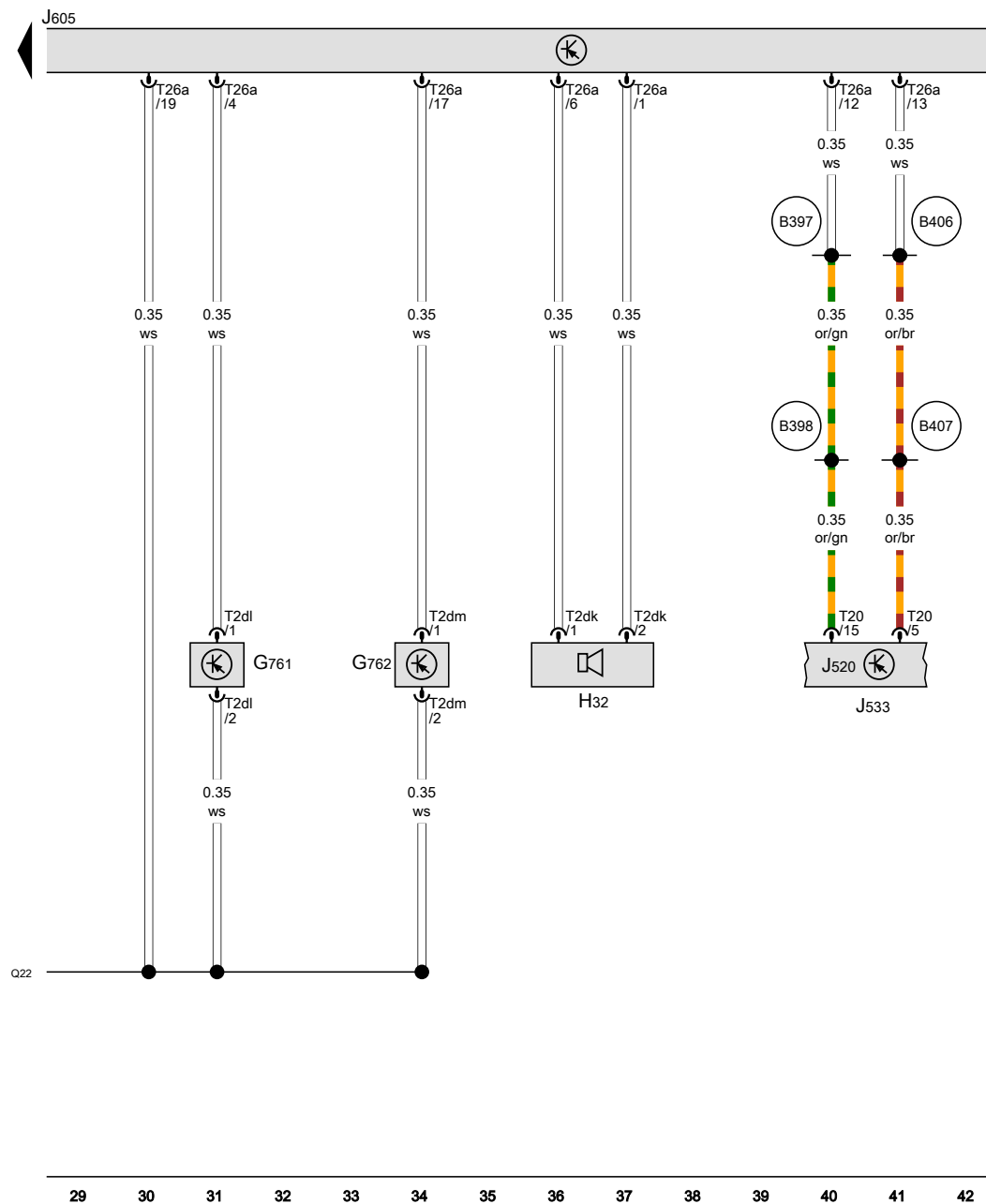
479 Earth connection 4, in rear lid wiring harness

Q22 Connection 1, in rear lid wiring harness

* Up to May 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



Anti-trapping sender 3, Anti-trapping sender 4, Rear lid warning buzzer, Data bus diagnostic interface, Rear lid control unit

- G761 Anti-trapping sender 3
- G762 Anti-trapping sender 4
- H32 Rear lid warning buzzer
- J520 Onboard supply control unit 2
- J533 Data bus diagnostic interface
- J605 Rear lid control unit
- T2dk 2-pin connector
- T2dl 2-pin connector
- T2dm 2-pin connector
- T20 20-pin connector
- T26a 26-pin connector

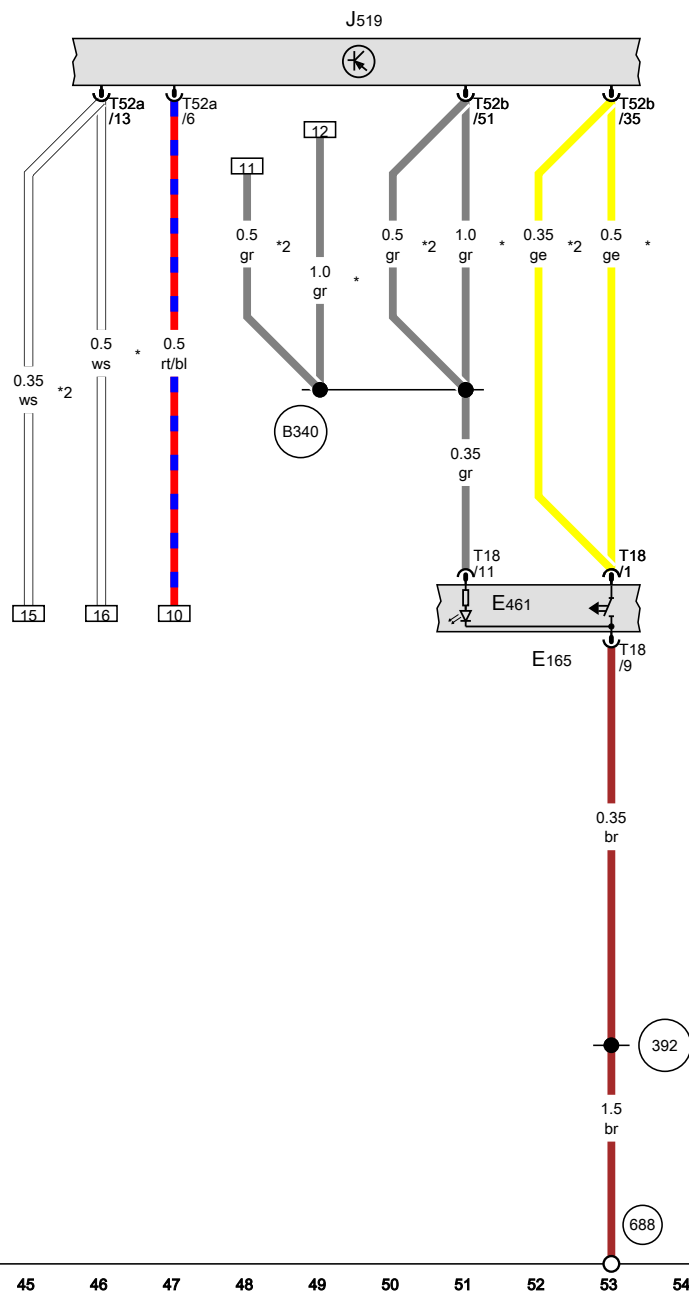
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness
- Q22 Connection 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

17N1-0580412191

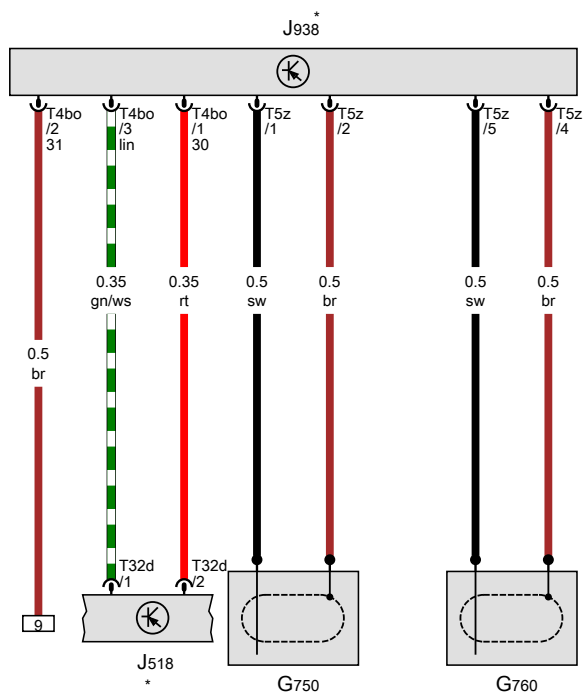
Rear lid release switch, Onboard supply control unit

- E165 Rear lid release switch
- E461 Operating unit in front of centre console
- J519 Onboard supply control unit
- T18 18-pin connector
- T52a 52-pin connector
- T52b 52-pin connector
- 392 Earth connection 27, in main wiring harness
- 688 Earth point 2, on centre tunnel
- B340 Connection 1 (58d), in main wiring harness
- * Up to May 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

[7N1-058051219]



Rear lid power opening sender, Rear lid power opening sender 2, Entry and start authorisation control unit, Rear lid power opening control unit

- G750 Rear lid power opening sender, in rear bumper
- G760 Rear lid power opening sender 2, in rear bumper
- J518 Entry and start authorisation control unit
- J938 Rear lid power opening control unit, in rear bumper
- T4bo 4-pin connector
- T5z 5-pin connector
- T32d 32-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

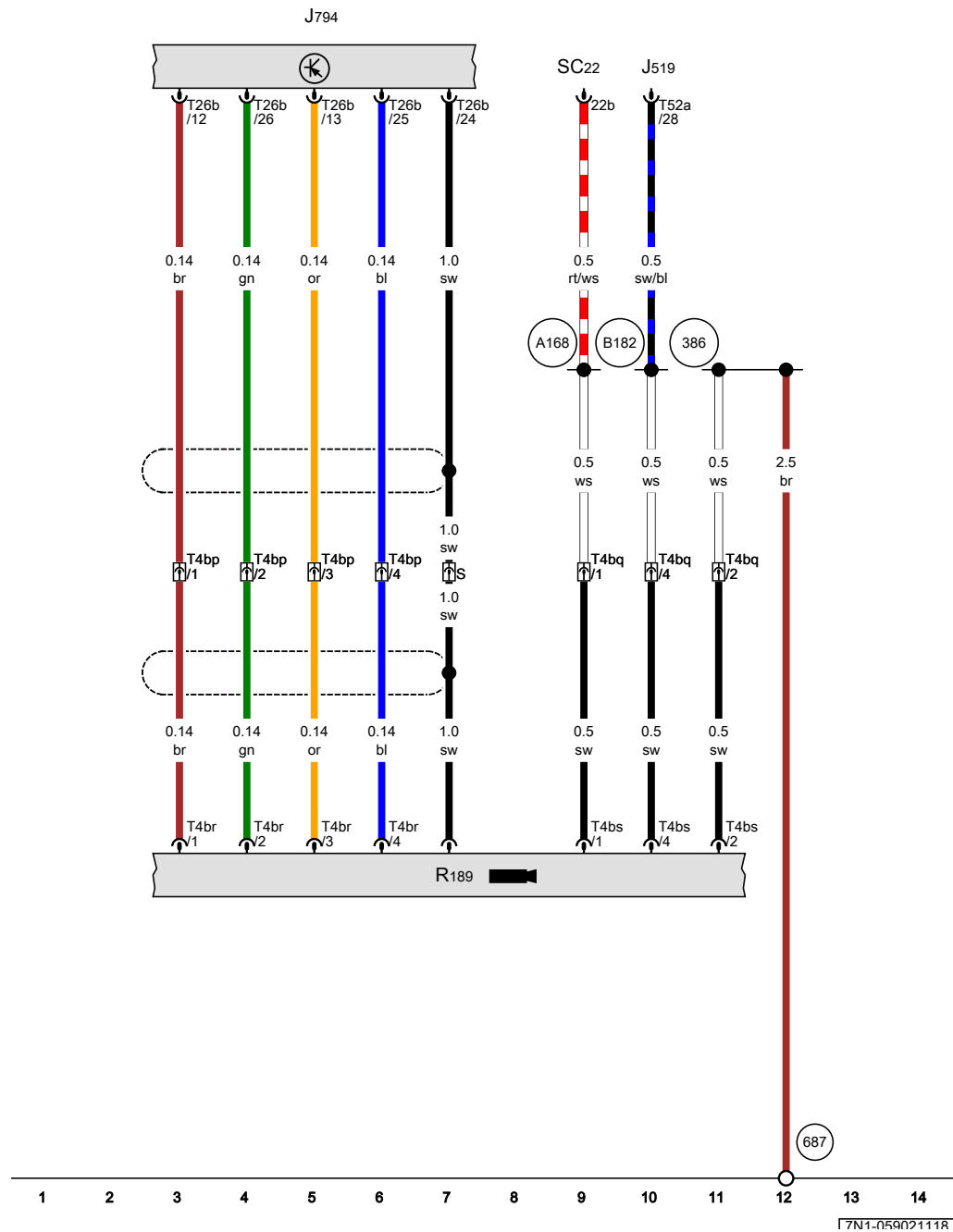
Reversing camera (Rear Assist) , (KA1)

From November 2011

Control unit 1 for information electronics, Reversing camera

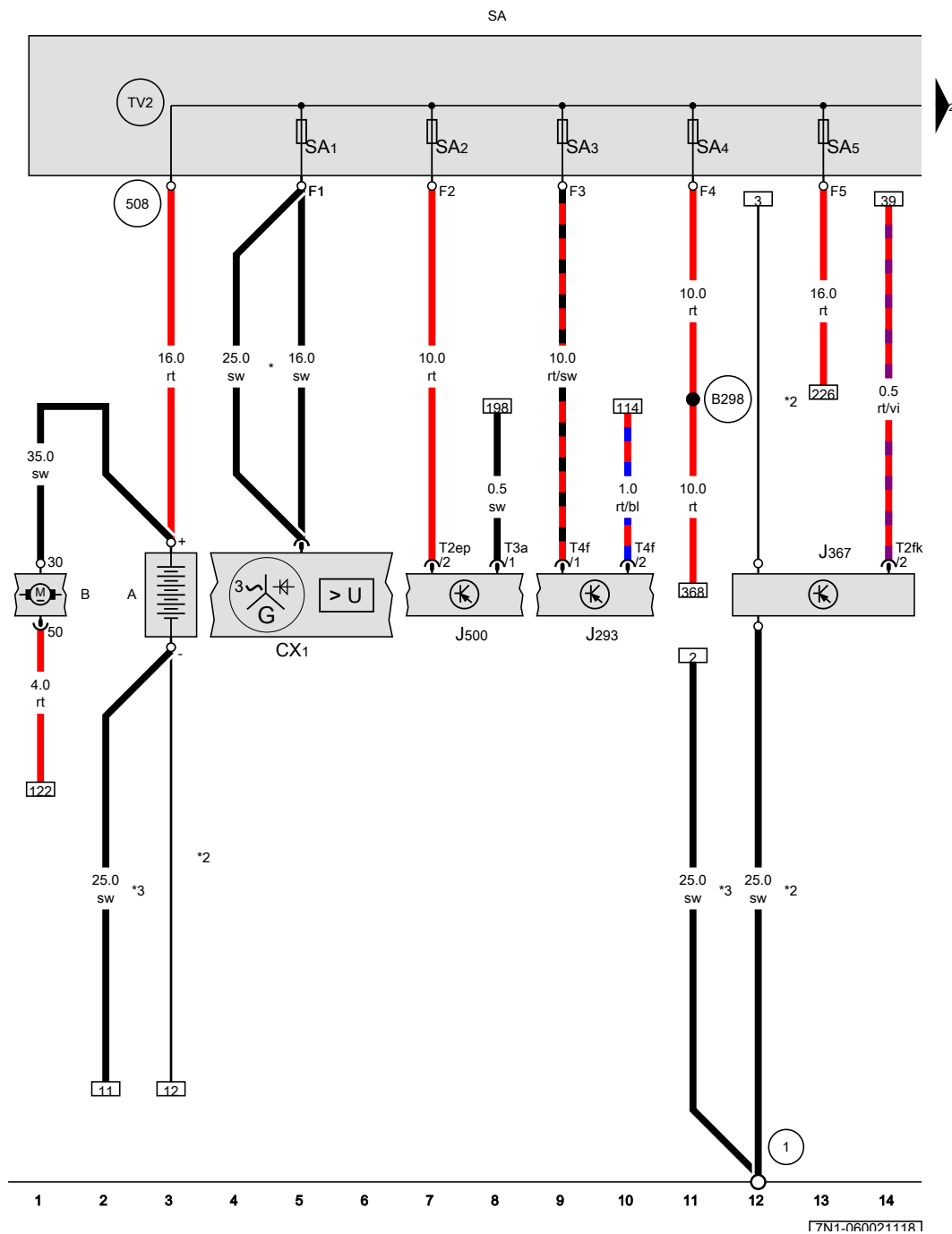
- J519 Onboard supply control unit
- J794 Control unit 1 for information electronics
- R189 Reversing camera
- SC22 Fuse 22 on fuse holder C
- T4 4-pin connector
- T4bp 4-pin connector
- T4bq 4-pin connector
- T4br 4-pin connector
- T4bs 4-pin connector
- T26b 26-pin connector, black
- T52a 52-pin connector

- 386 Earth connection 21, in main wiring harness
- 687 Earth point 1, on centre tunnel
- A168 Positive connection 4 (30a) in dash panel wiring harness
- B182 Connection (RL), in interior wiring harness



Fuse assignment

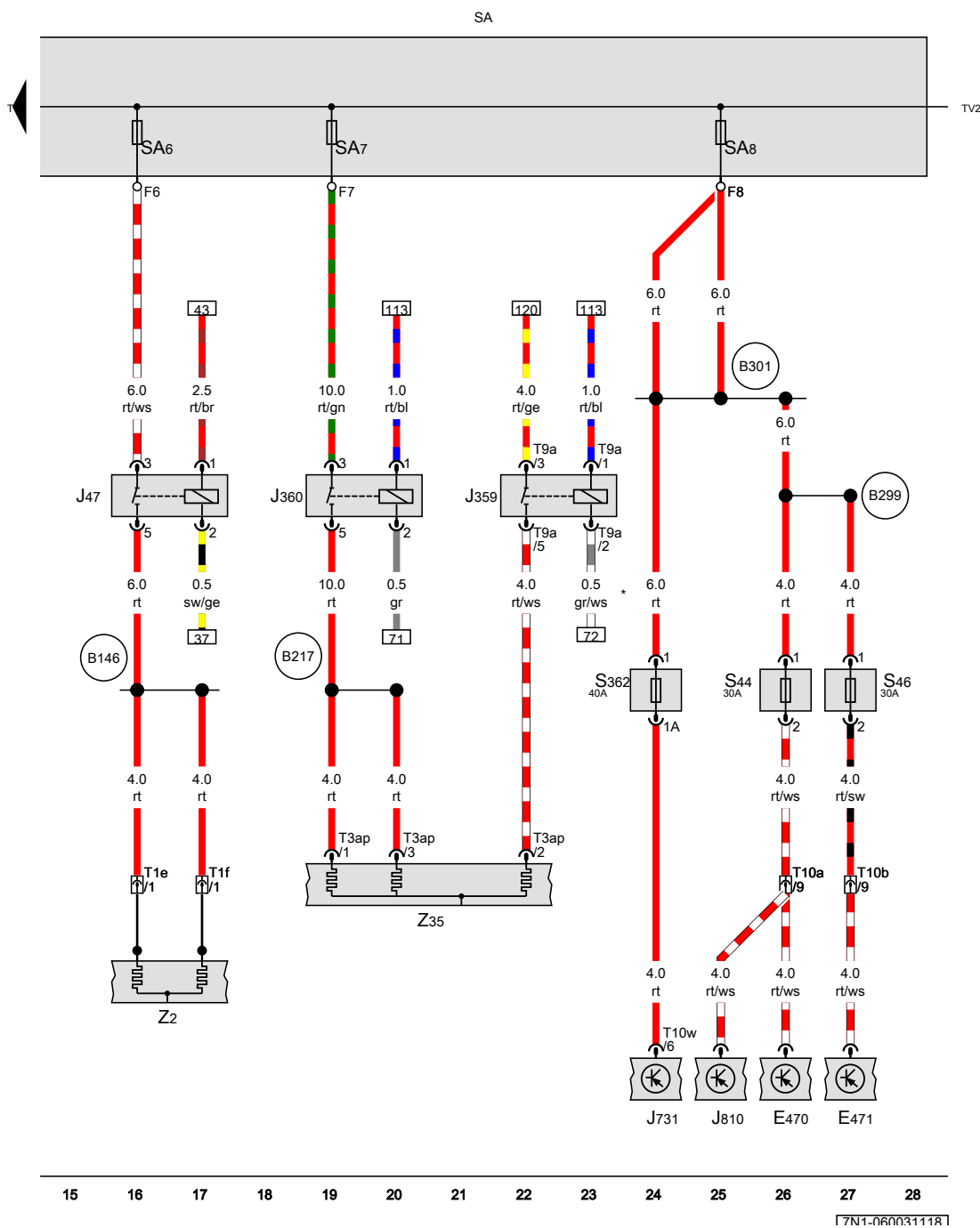
From May 2012



Battery, Starter, Battery monitor control unit, Fuse holder A

- A Battery
- B Starter
- CX1 Alternator with voltage regulator
- J293 Radiator fan control unit
- J367 Battery monitor control unit
- J500 Power steering control unit
- SA Fuse holder A
- 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
- T2ep 2-pin connector
- T2fk 2-pin connector
- T3a 3-pin connector
- T4f 4-pin connector
- 1 Earth strap, battery - body
- 508 Threaded connection (30) on E-box
- B298 Positive connection 2 (30), in main wiring harness
- TV2 Terminal 30 wiring junction
- * According to equipment
- *2 For models with start/stop system
- *3 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



Fuse holder A

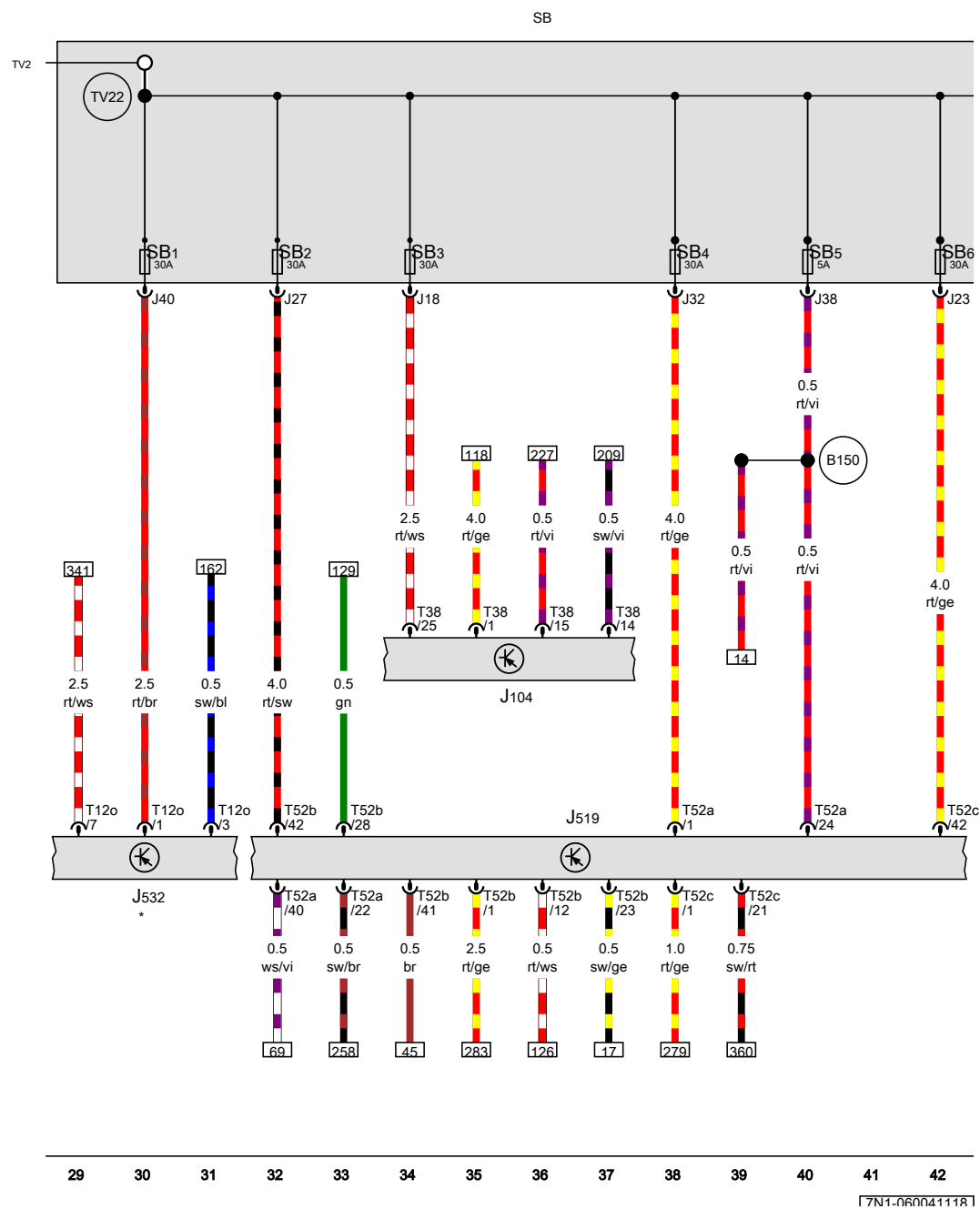
- E470 Driver seat adjustment operating unit
- E471 Front passenger seat adjustment operating unit
- J47 Heated windscreen relay
- J359 Low heat output relay
- J360 High heat output relay
- J731 Right sliding door control unit
- J810 Driver seat adjustment control unit
- SA6 Fuse 6 on fuse holder A
- SA7 Fuse 7 on fuse holder A
- SA8 Fuse 8 on fuse holder A
- S44 Driver seat adjustment thermal fuse 1
- S46 Front passenger seat adjustment thermal fuse 1
- S362 Thermal fuse 2
- SA Fuse holder A
- T1e 1-pin connector
- T1f 1-pin connector
- T3ap 3-pin connector
- T9a 9-pin connector
- T10a 10-pin connector
- T10b 10-pin connector
- T10w 10-pin connector
- Z2 Heated windscreen
- Z35 Auxiliary air heater element

- B146 Positive connection 1 (87), in interior wiring harness
- B217 Connection (auxiliary heater), in interior wiring harness
- B299 Positive connection 3 (30), in main wiring harness
- B301 Positive connection 5 (30), in main wiring harness
- TV2 Terminal 30 wiring junction

* According to equipment

- 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

17N1-0600311181



Fuse holder B

- J104 ABS control unit
- J519 Onboard supply control unit
- J532 Voltage stabiliser
- SB Fuse holder B
- SB1 Fuse 1 on fuse holder B
- SB2 Fuse 2 on 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
- T12o 12-pin connector
- T38 38-pin connector
- T52a 52-pin connector
- T52b 52-pin connector
- T52c 52-pin connector

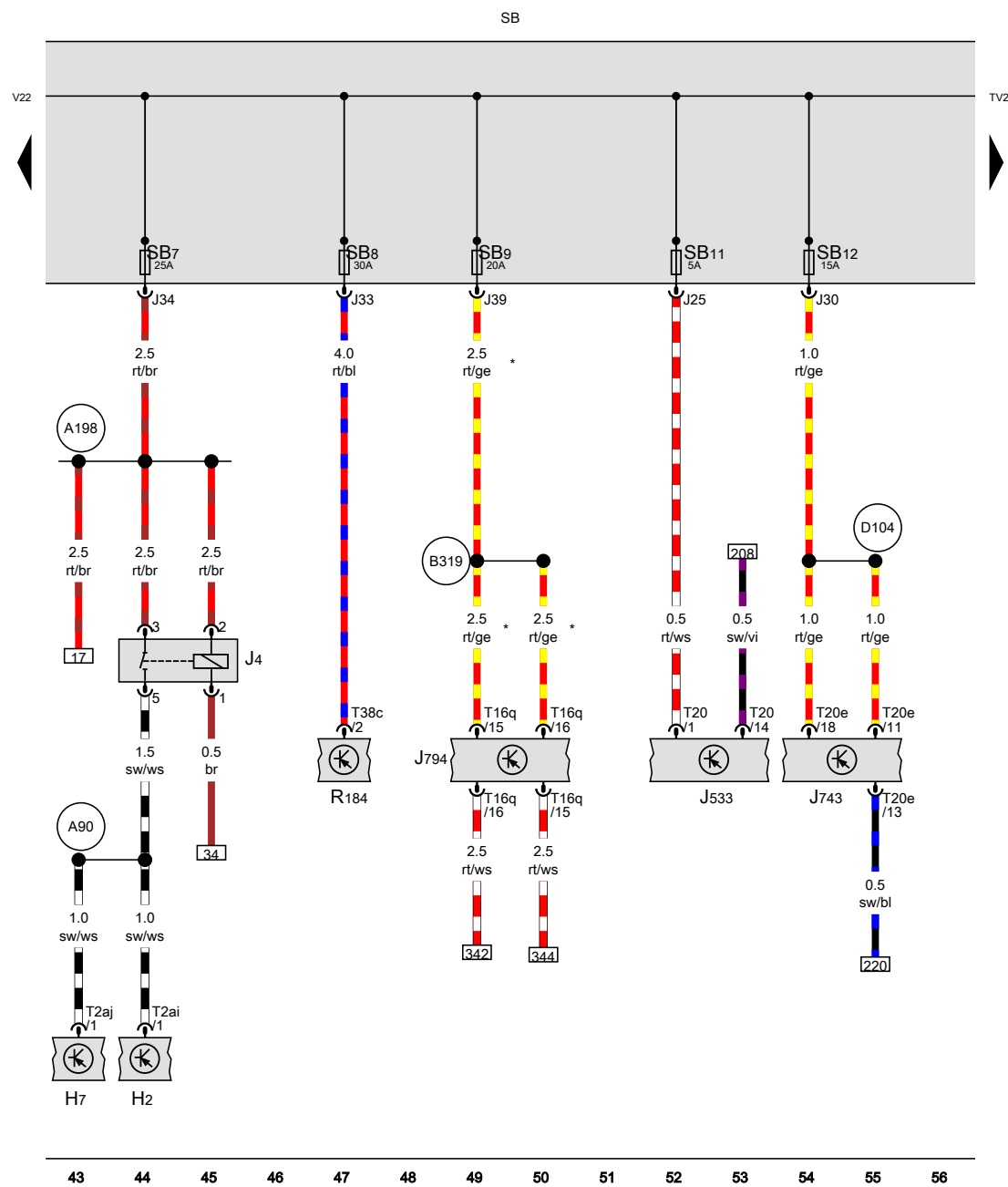
B150 Positive connection 2 (30a), in interior wiring harness

TV2 Terminal 30 wiring junction

TV22 Terminal 30 wiring junction 2

* For 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



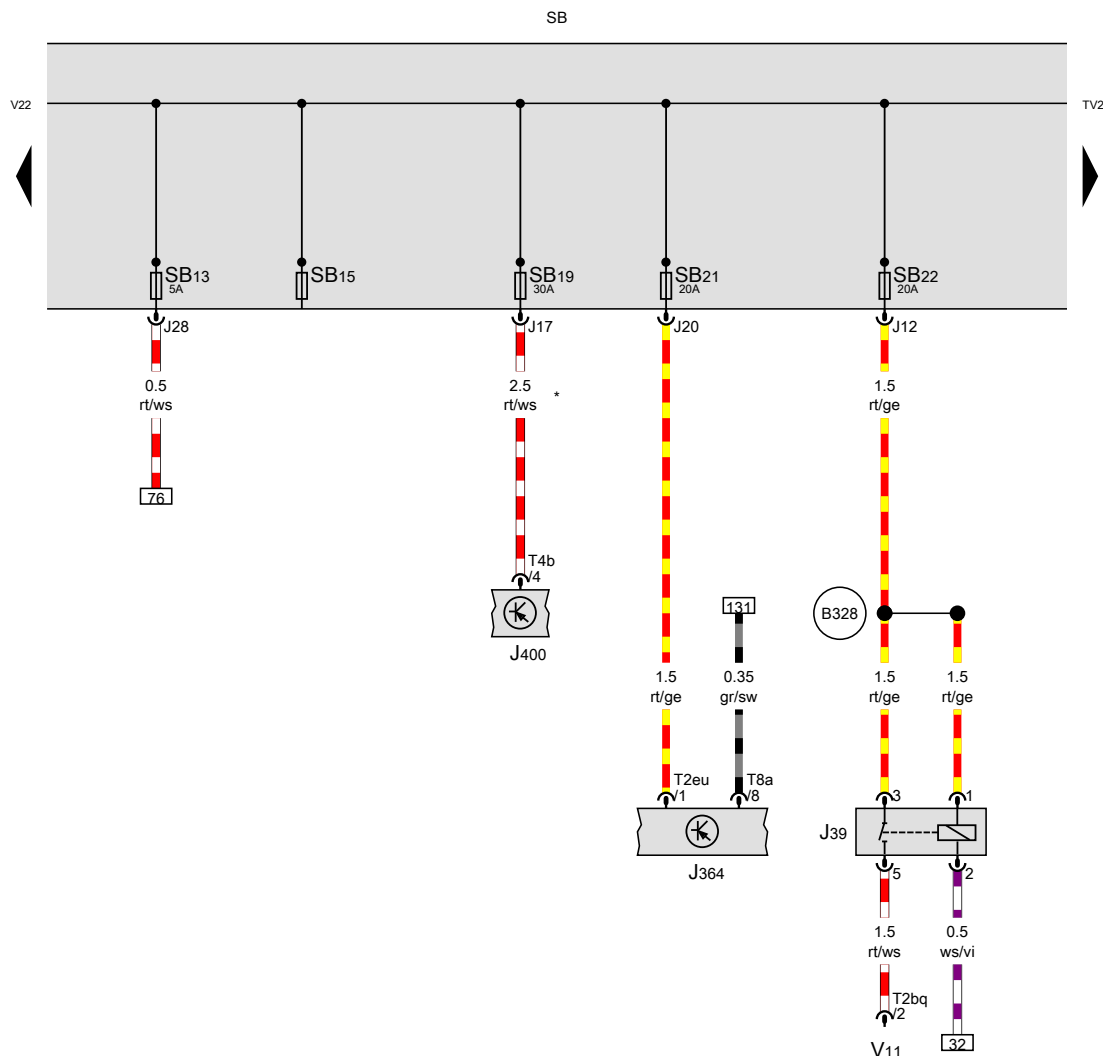
Fuse holder B

- H2 Treble horn
- H7 Bass horn
- J4 Dual tone horn relay
- J533 Data bus diagnostic interface
- J743 Mechatronic unit for dual clutch gearbox
- J794 Control unit 1 for information electronics
- R184 Digital sound package amplifier
- 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
- SB12 Fuse 12 on fuse holder B
- T2ai 2-pin connector
- T2aj 2-pin connector
- T16q 16-pin connector, black
- T20 20-pin connector
- T20e 20-pin connector
- T38c 38-pin connector

- A90 Connection (dual tone horn), in dash panel wiring harness
- A198 Positive connection 6 (30a) in dash panel wiring harness
- B319 Positive connection 5 (30a) in main wiring harness
- D104 Positive connection 2 (30a), in engine compartment wiring harness
- TV22 Terminal 30 wiring junction 2

* 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



Fuse holder B

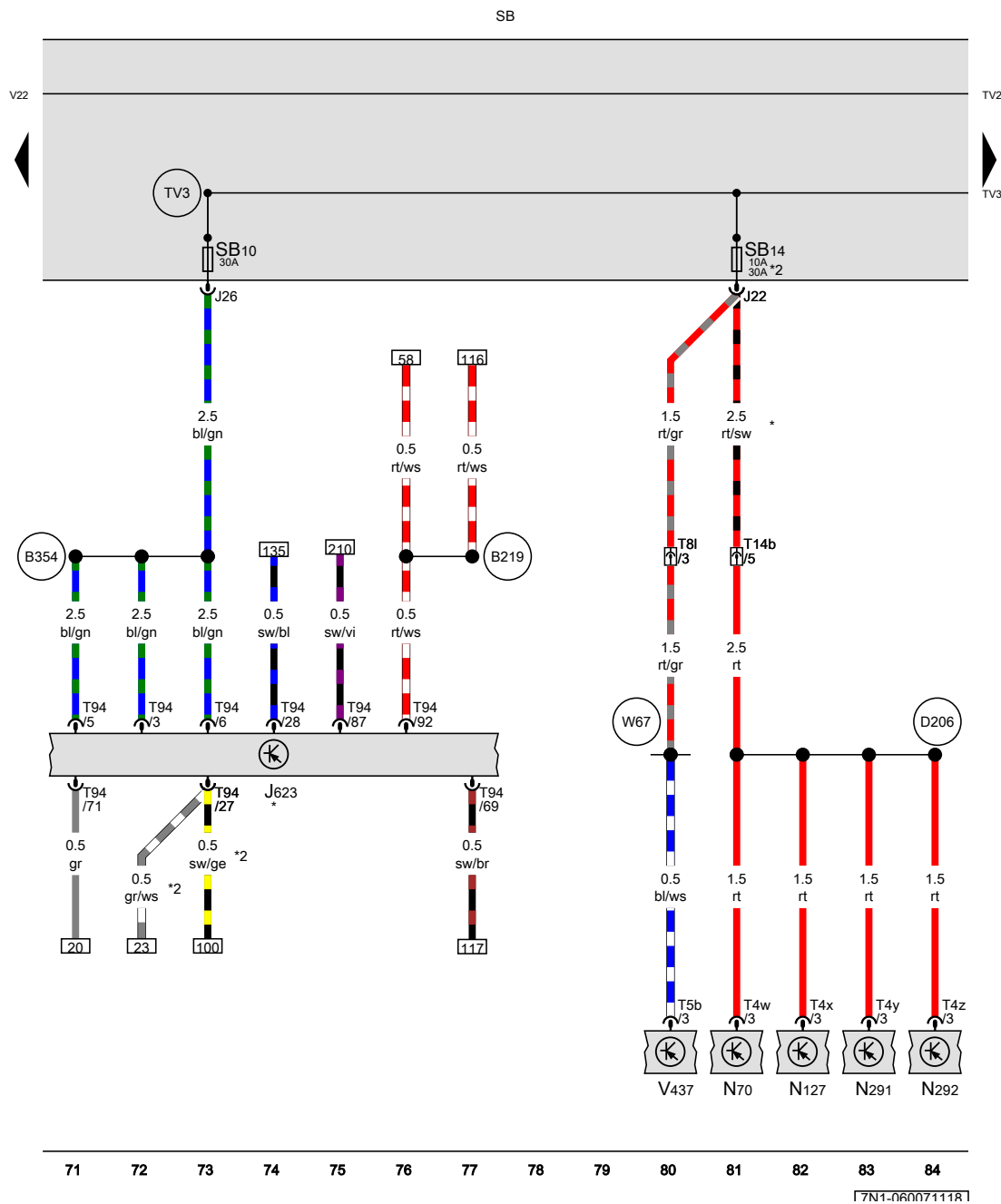
- J39 Headlight washer system relay
- J364 Auxiliary heater control unit
- J400 Wiper motor control unit
- SB Fuse holder B
- SB13 Fuse 13 on fuse holder B
- SB15 Fuse 15 on fuse holder B
- SB19 Fuse 19 on fuse holder B
- SB21 Fuse 21 on fuse holder B
- SB22 Fuse 22 on fuse holder B
- T2bq 2-pin connector
- T2eu 2-pin connector
- T4b 4-pin connector
- T8a 8-pin connector
- V11 Headlight washer system pump

B328 Positive connection 14 (30a) in main wiring harness

TV22 Terminal 30 wiring junction 2

* Up to 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 B

- 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
- SB Fuse holder B
- SB10 Fuse 10 on fuse holder B
- SB14 Fuse 14 on fuse holder B
- T4w 4-pin connector
- T4x 4-pin connector
- T4y 4-pin connector
- T4z 4-pin connector
- T5b 5-pin connector
- T8l 8-pin connector
- T14b 14-pin connector
- T94 94-pin connector
- V437 Pump for reducing agent

B219 Positive connection 4 (30a), in interior wiring harness

B354 Positive connection 5 (87a) in main wiring harness

D206 Connection 4 (87a) in engine prewiring harness

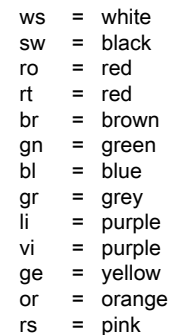
TV3 Terminal 30a wiring junction

TV22 Terminal 30 wiring junction 2

W67 Connection (87), in floor wiring harness

* see applicable current flow diagram for engine
*2 According to equipment

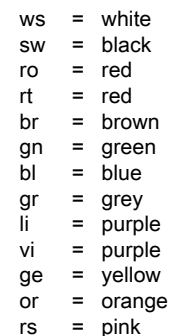
ws = white
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G130	Lambda probe after catalytic converter
J538	Fuel pump control unit
J891	Control unit for reducing agent heater
N421	Magnetic clutch for supercharger
SB	Fuse holder B
SB16	Fuse 16 on fuse holder B
SB18	Fuse 18 on fuse holder B
T2cm	2-pin connector
T4bl	4-pin connector
T4g	4-pin connector
T5j	5-pin connector
T6d	6-pin connector
T8b	8-pin connector
T14b	14-pin connector
V192	Vacuum pump for brakes

- B351 Positive connection 2 (87a) in main wiring harness
- B353 Positive connection 4 (87a) in main wiring harness
- B357 Positive connection 8 (87a) in main wiring harness
- TV3 Terminal 30a wiring junction
- TV22 Terminal 30 wiring junction 2

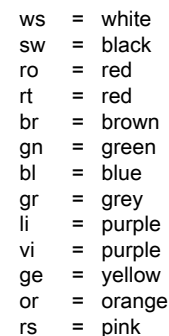
- * According to equipment
- *2 Pre-wired component
- *3 Up to April 2013
- *4 see applicable current flow diagram for engine
- *5 Up to April 2014
- *6 From May 2014
- *7 From May 2013



F	Brake light switch
GX10	Lambda probe 1 before catalytic converter
G70	Air mass meter
G476	Clutch position sender
J496	Additional coolant pump relay
J583	Control unit for NOx sender
N75	Charge pressure control solenoid valve
N290	Fuel metering valve
N345	Exhaust gas recirculation cooler changeover valve
SB	Fuse holder B
SB20	Fuse 20 on fuse holder B
SB23	Fuse 23 on fuse holder B
T2ah	2-pin connector
T2cn	2-pin connector
T2cs	2-pin connector
T2fl	2-pin connector
T3ab	3-pin connector
T4h	4-pin connector
T4k	4-pin connector
T5c	5-pin connector
T5h	5-pin connector
T6t	6-pin connector
T14b	14-pin connector
V50	Coolant circulation pump
V178	Coolant circulation pump 2

- B355 Positive connection 6 (87a) in main wiring harness
- B356 Positive connection 7 (87a) in main wiring harness
- D102 Connection 2 in engine compartment wiring harness
- TV3 Terminal 30a wiring junction
- TV22 Terminal 30 wiring junction 2

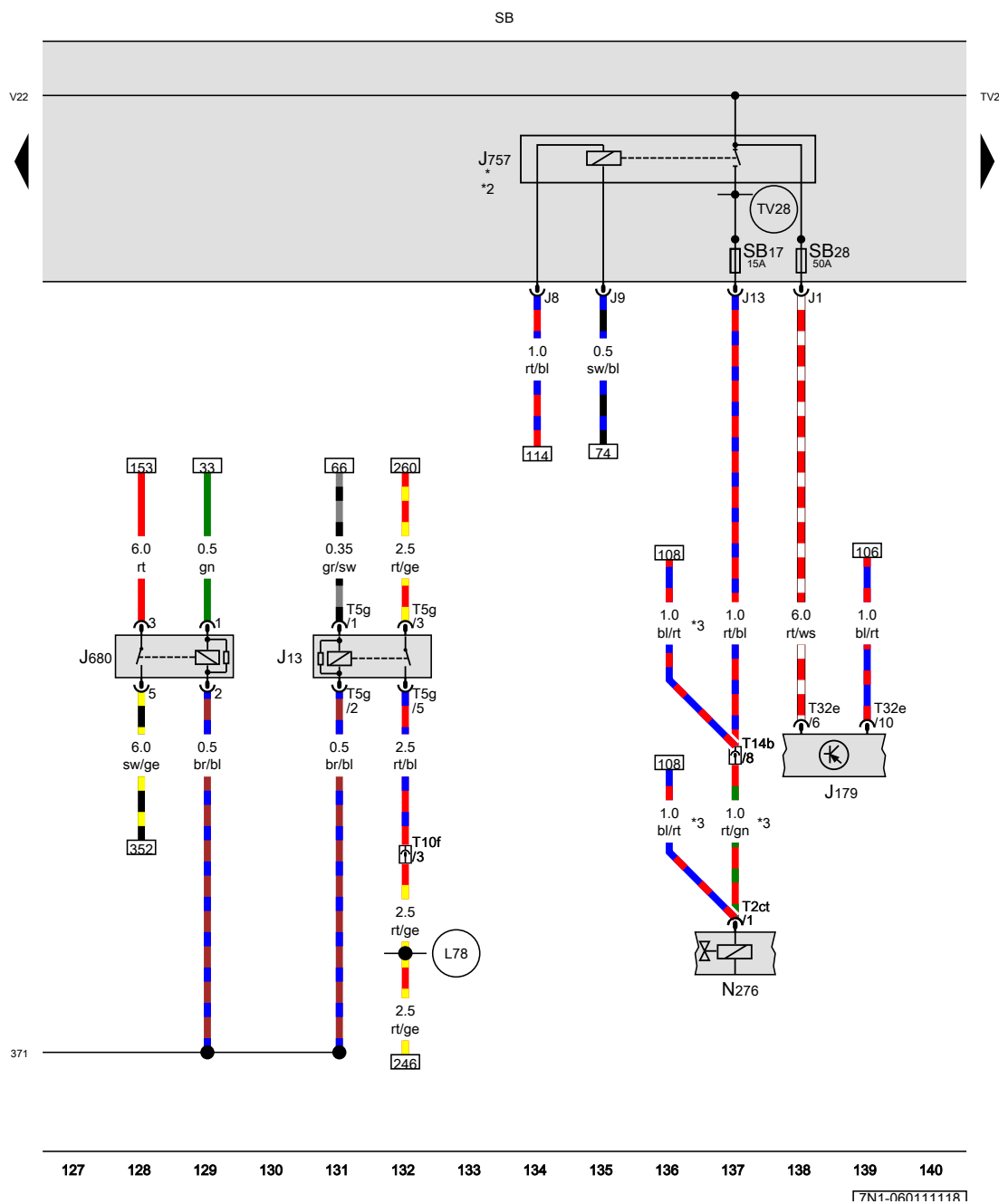
* see applicable current flow diagram for engine
*2 According to equipment



J126	Fresh air blower control unit
J271	Main relay
J317	Terminal 30 voltage supply relay
J485	Auxiliary heater operation relay
J681	Terminal 15 voltage supply relay 2
J682	Terminal 50 voltage supply relay
N80	Activated charcoal filter solenoid valve 1
N205	Camshaft control valve 1
N249	Turbocharger air recirculation valve
SB	Fuse holder B
SB24	Fuse 24 on fuse holder B
SB25	Fuse 25 on fuse holder B
SB26	Fuse 26 on fuse holder B
SB27	Fuse 27 on fuse holder B
T2cb	2-pin connector
T2cc	2-pin connector
T2ck	2-pin connector
T6ao	6-pin connector
T9b	9-pin connector
T14b	14-pin connector
T17	17-pin connector

- 371 Earth connection 6, in main wiring harness
- 684 Earth point on front of left side member
- B163 Positive connection 1 (15), in interior wiring harness
- B352 Positive connection 3 (87a) in main wiring harness
- D196 Connection 2 (87a) in engine prewiring harness
- TV3 Terminal 30a wiring junction
- TV22 Terminal 30 wiring junction 2

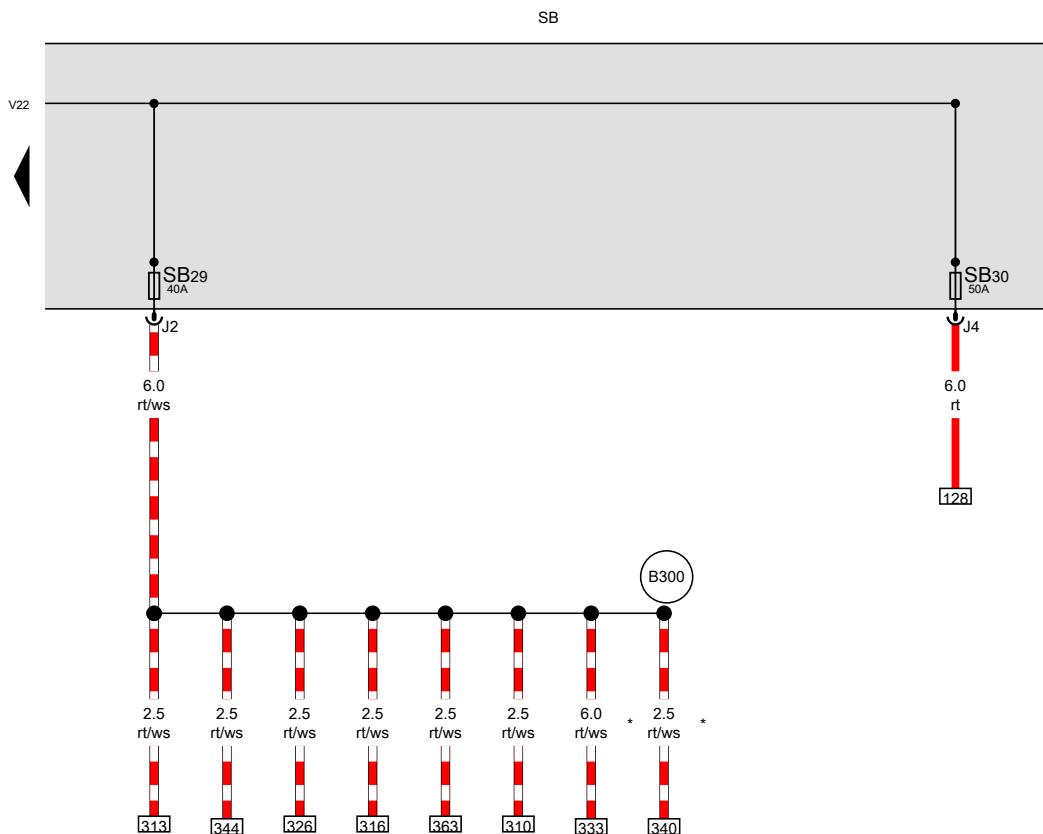
* see applicable current flow diagram for engine
*2 For models with entry and start authorisation



Engine component current supply relay, Fuse holder B

- J13 Fresh air blower relay
- J179 Automatic glow period control unit
- J680 Terminal 75 voltage supply relay 1
- J757 Engine component current supply relay
- N276 Fuel pressure regulating valve
- SB Fuse holder B
- SB17 Fuse 17 on fuse holder B
- SB28 Fuse 28 on fuse holder B
- T2ct 2-pin connector
- T5g 5-pin connector
- T10f 10-pin connector
- T14b 14-pin connector
- T32e 32-pin connector

- 371 Earth connection 6, in main wiring harness
- L78 Connection 1, in fresh air blower wiring harness
- TV22 Terminal 30 wiring junction 2
- TV28 Terminal 30 wiring junction 3
- * Contact bridge, only models with diesel engine
- *2 For models with petrol engine
- *3 see applicable current flow diagram for engine



Fuse holder B

SB Fuse holder B

SB29 Fuse 29 on fuse holder B

SB30 Fuse 30 on fuse holder B

B300 Positive connection 4 (30), in main wiring harness

TV22 Terminal 30 wiring junction 2

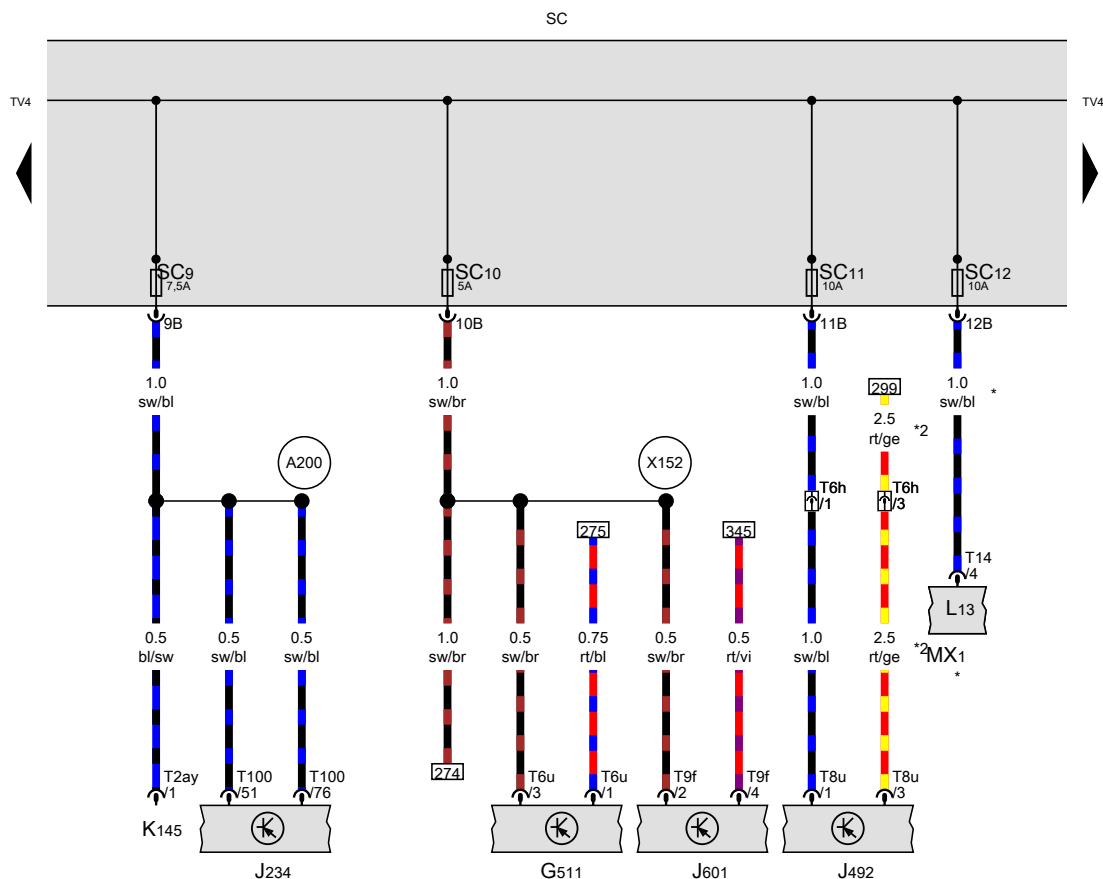
* For models with no start/stop system

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

141 142 143 144 145 146 147 148 149 150 151 152 153 154

[7N1-060121118]





Fuse holder C

- G511 Mirror taximeter
- J234 Airbag control unit
- J492 All-wheel drive control unit
- J601 Taxi alarm remote control, control unit
- K145 Warning lamp for airbag deactivated on front passenger side
- L13 Left gas discharge (xenon) bulb
- MX1 Front left headlight
- SC Fuse holder C
- SC9 Fuse 9 on fuse holder C
- SC10 Fuse 10 on fuse holder C
- SC11 Fuse 11 on fuse holder C
- SC12 Fuse 12 on fuse holder C
- T2ay 2-pin connector
- T6h 6-pin connector
- T6u 6-pin connector
- T8u 8-pin connector
- T9f 9-pin connector
- T14 14-pin connector
- T100 100-pin connector

A200 Positive connection 5 (15a) in dash panel wiring harness

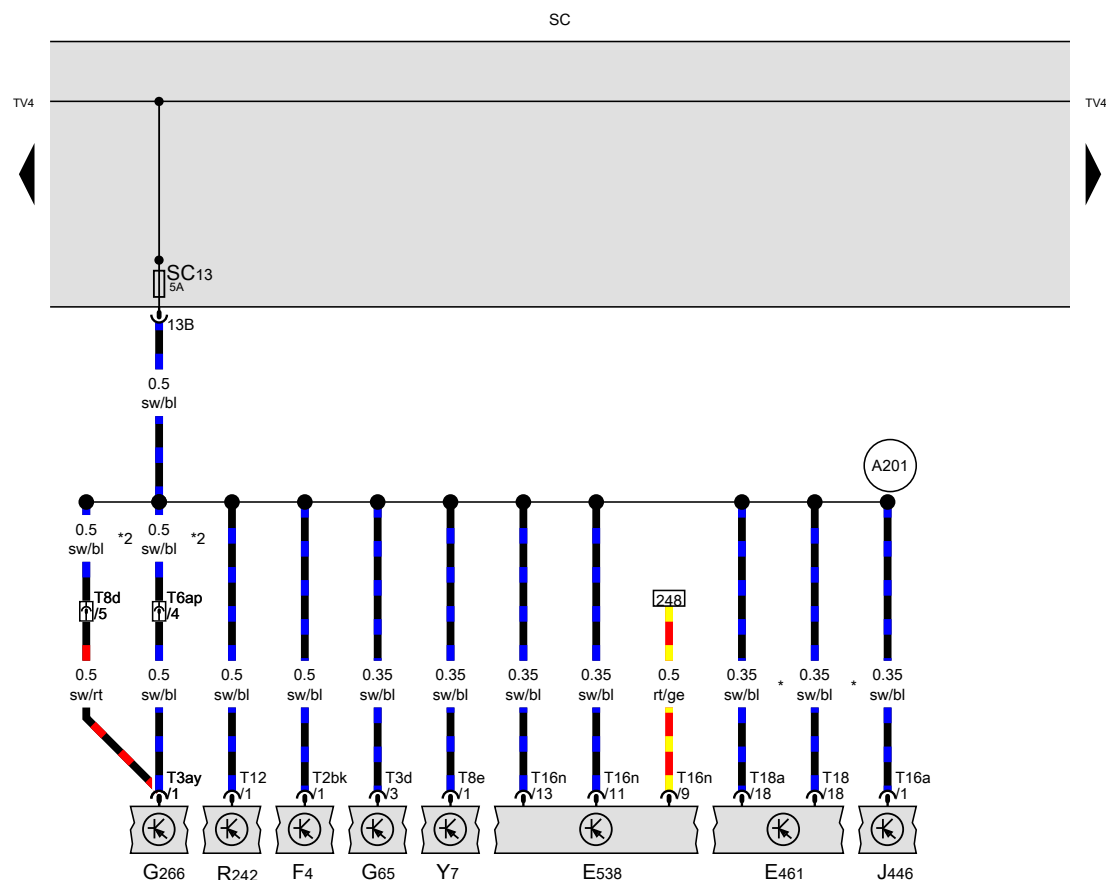
TV4 Terminal 15 wiring junction

X152 Positive connection 2 (15), in taxi wiring harness

* Headlight with gas discharge light

*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



Fuse holder C

- E461 Operating unit in front of centre console
- E538 Electromechanical parking brake button
- F4 Reversing light switch
- G65 High-pressure sender
- G266 Oil level and oil temperature sender
- J446 Parking aid control unit
- R242 Front camera for driver assist systems
- SC Fuse holder C
- SC13 Fuse 13 on fuse holder C
- T2bk 2-pin connector
- T3ay 3-pin connector
- T3d 3-pin connector
- T6ap 6-pin connector
- T8d 8-pin connector
- T8e 8-pin connector
- T12 12-pin connector
- T16a 16-pin connector
- T16n 16-pin connector
- T18 18-pin connector
- T18a 18-pin connector
- Y7 Automatic anti-dazzle interior mirror

A201 Positive connection 6 (15a) in dash panel wiring harness

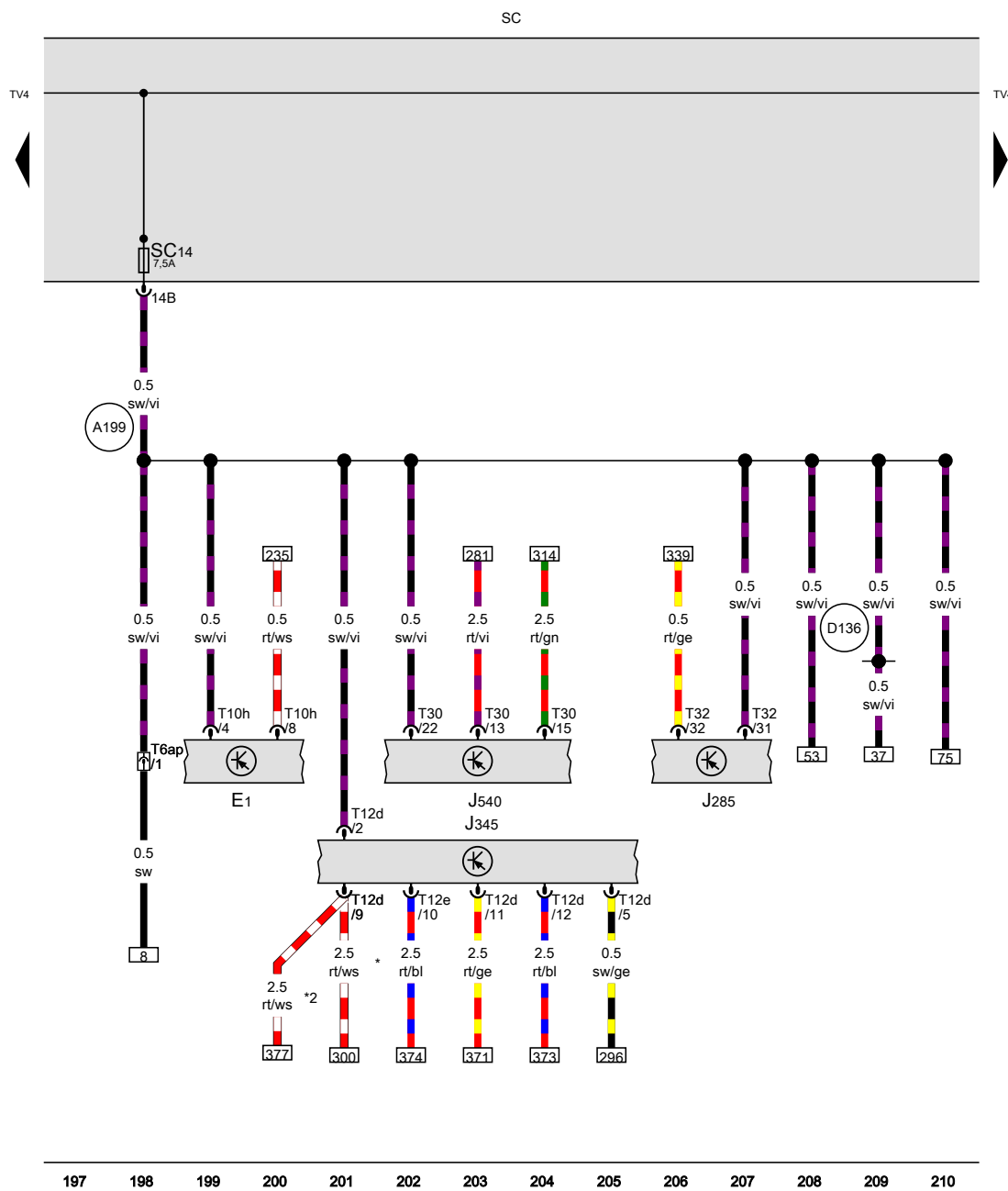
TV4 Terminal 15 wiring junction

- * 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

183 184 185 186 187 188 189 190 191 192 193 194 195 196

[7N1-060151118]



Fuse holder C

- E1 Light switch
- J285 Control unit in dash panel insert
- J345 Trailer detector control unit
- J540 Control unit for electromechanical parking brake
- SC Fuse holder C
- SC14 Fuse 14 on fuse holder C
- T6ap 6-pin connector
- T10h 10-pin connector
- T12d 12-pin connector
- T12e 12-pin connector
- T30 30-pin connector
- T32 32-pin connector

A199 Positive connection 4 (15a) in dash panel wiring harness

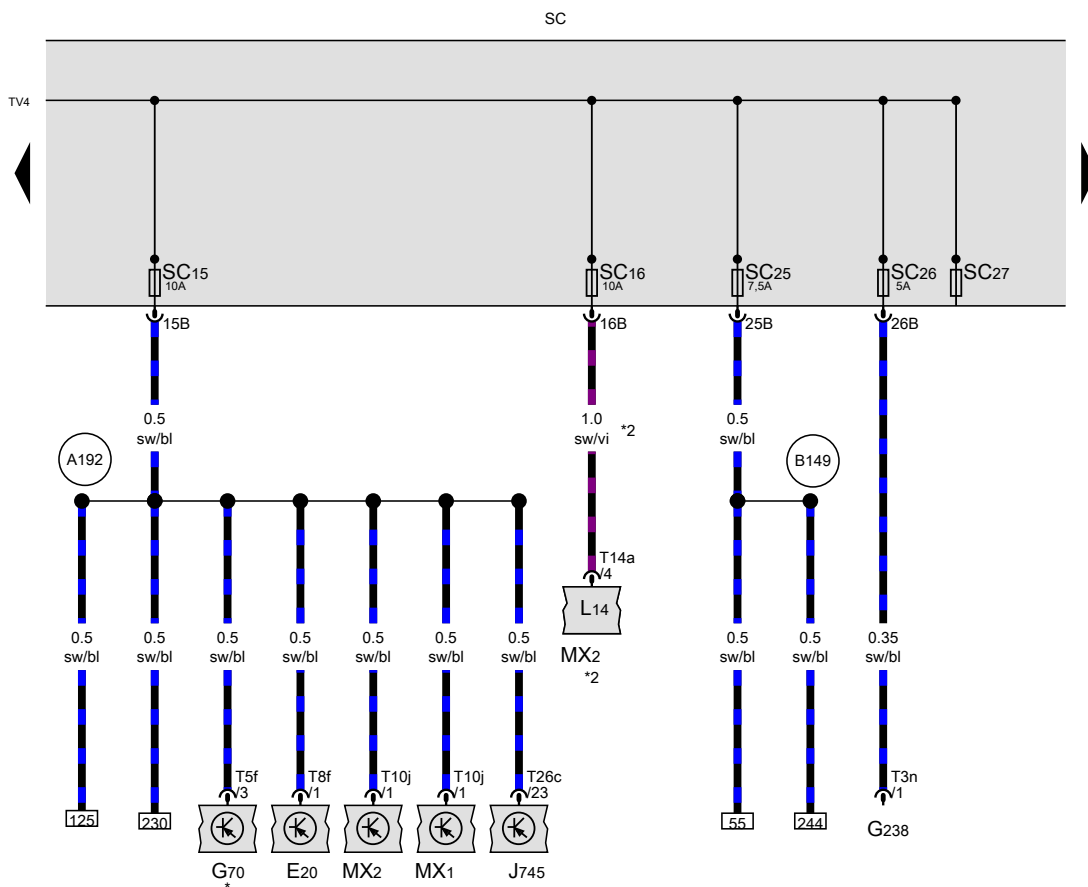
D136 Positive connection 2 (15a), in engine compartment wiring harness

TV4 Terminal 15 wiring junction

* 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



Fuse holder C

- E20 Switch and instrument illumination regulator
- G70 Air mass meter
- G238 Air quality sensor
- J745 Control unit for cornering light and headlight range control
- L14 Right gas discharge (xenon) bulb
- MX1 Front left headlight
- MX2 Front right headlight
- SC Fuse holder C
- SC15 Fuse 15 on fuse holder C
- SC16 Fuse 16 on fuse holder C
- SC25 Fuse 25 on fuse holder C
- SC26 Fuse 26 on fuse holder C
- SC27 Fuse 27 on fuse holder C
- T3n 3-pin connector
- T5f 5-pin connector
- T8f 8-pin connector
- T10j 10-pin connector
- T14a 14-pin connector
- T26c 26-pin connector

A192 Positive connection 3 (15a) in dash panel wiring harness

B149 Positive connection 2 (15a), in interior wiring harness

TV4 Terminal 15 wiring junction

* see applicable current flow diagram for engine

*2 Headlight with gas discharge light

- ws = white
- 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

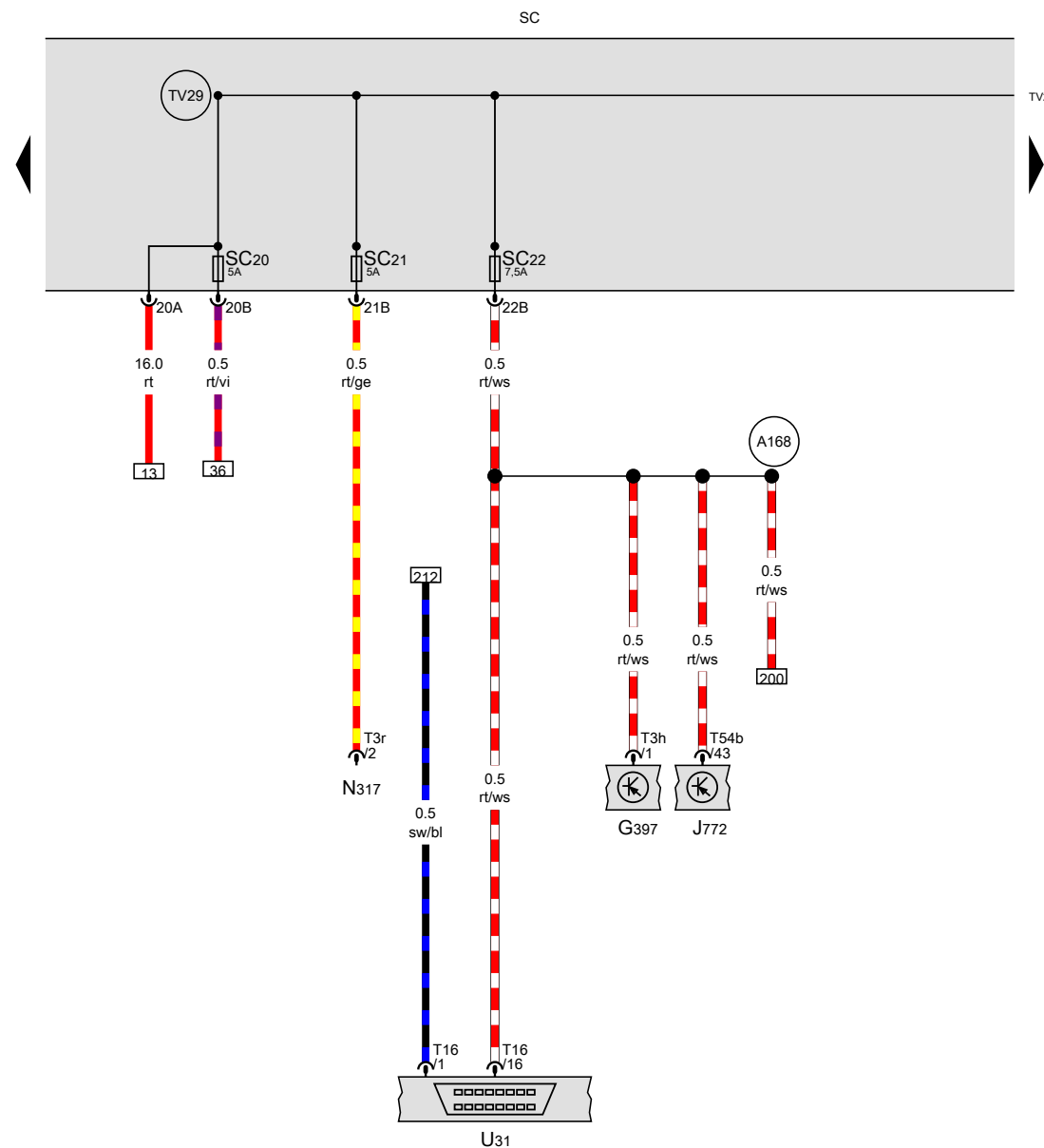
17N1-060171118

Fuse holder C

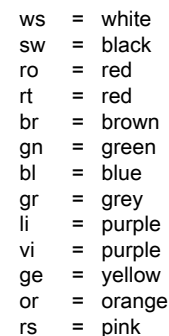
- G397 Rain and light sensor
- J772 Reversing camera system control unit
- N317 2nd heat exchanger switch-off valve
- SC Fuse holder C
- SC20 Fuse 20 on fuse holder C
- SC21 Fuse 21 on fuse holder C
- SC22 Fuse 22 on fuse holder C
- T3h 3-pin connector
- T3r 3-pin connector
- T16 16-pin connector
- T54b 54-pin connector
- U31 Diagnostic connection

A168 Positive connection 4 (30a) in dash panel wiring harness

TV29 Terminal 30 wiring junction 4

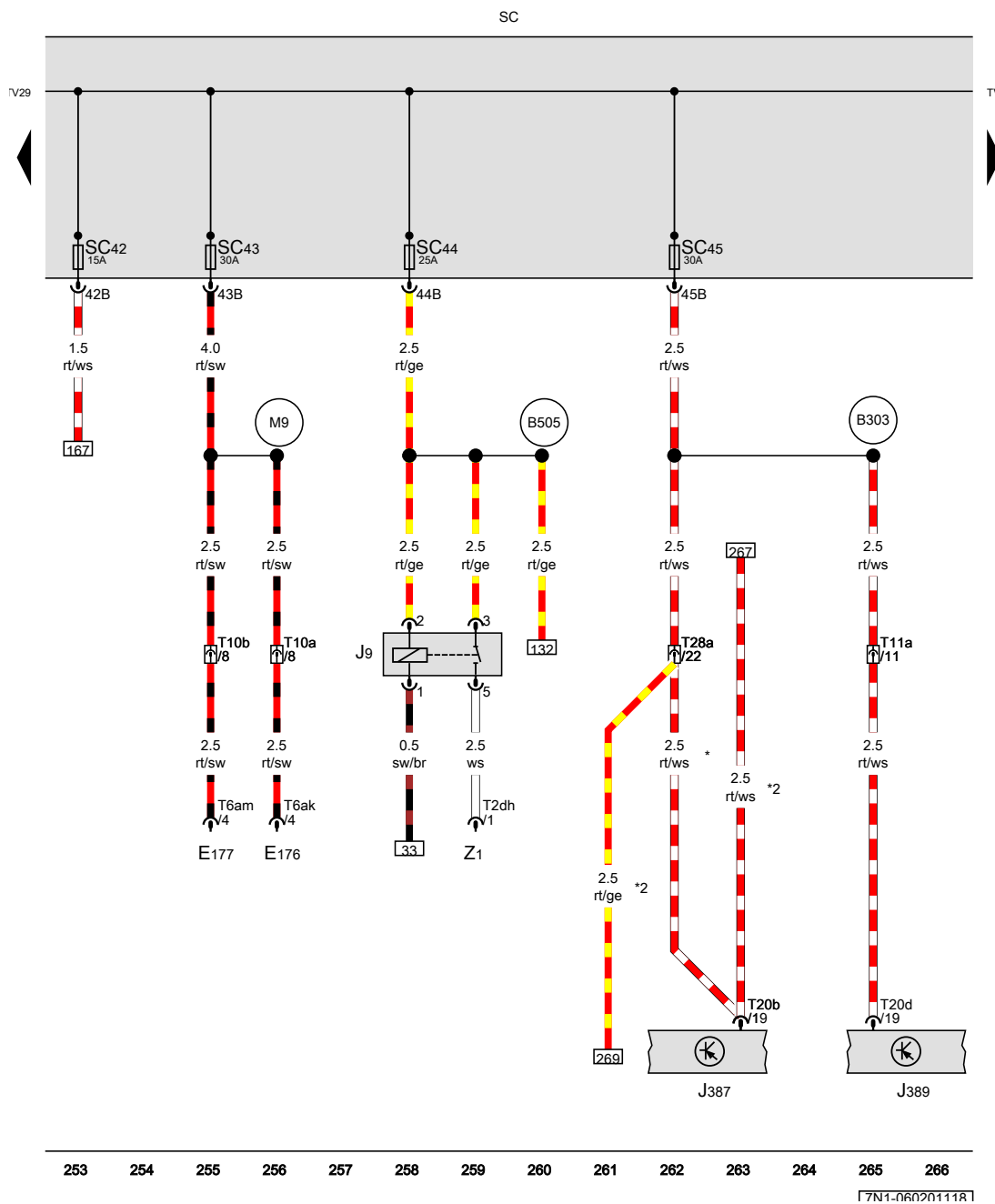


- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



E265	Operating and display unit for rear air conditioning system
E313	Selector lever
G463	Rear blower regulation sender
J255	Climatronic control unit
J301	Air conditioning system control unit
J518	Entry and start authorisation control unit
R149	Remote control receiver for auxiliary coolant heater
SC	Fuse holder C
SC23	Fuse 23 on fuse holder C
SC24	Fuse 24 on fuse holder C
T4bg	4-pin connector
T6an	6-pin connector
T6s	6-pin connector
T10l	10-pin connector
T20f	20-pin connector
T20g	20-pin connector
T32d	32-pin connector

(TV29) Terminal 30 wiring junction 4

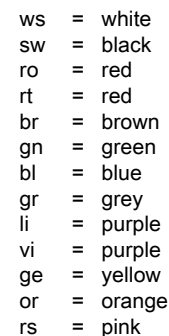


Fuse holder C

- E176 Driver seat lumbar support adjustment switch
- E177 Front passenger seat lumbar support adjustment switch
- J9 Heated rear window relay, behind dash panel, left
- J387 Front passenger door control unit
- J389 Rear right door control unit
- SC Fuse holder C
- SC42 Fuse 42 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
- T2dh 2-pin connector
- T6ak 6-pin connector
- T6am 6-pin connector
- T10a 10-pin connector
- T10b 10-pin connector
- T11a 11-pin connector
- T20b 20-pin connector
- T20d 20-pin connector
- T28a 28-pin connector
- Z1 Heated rear window

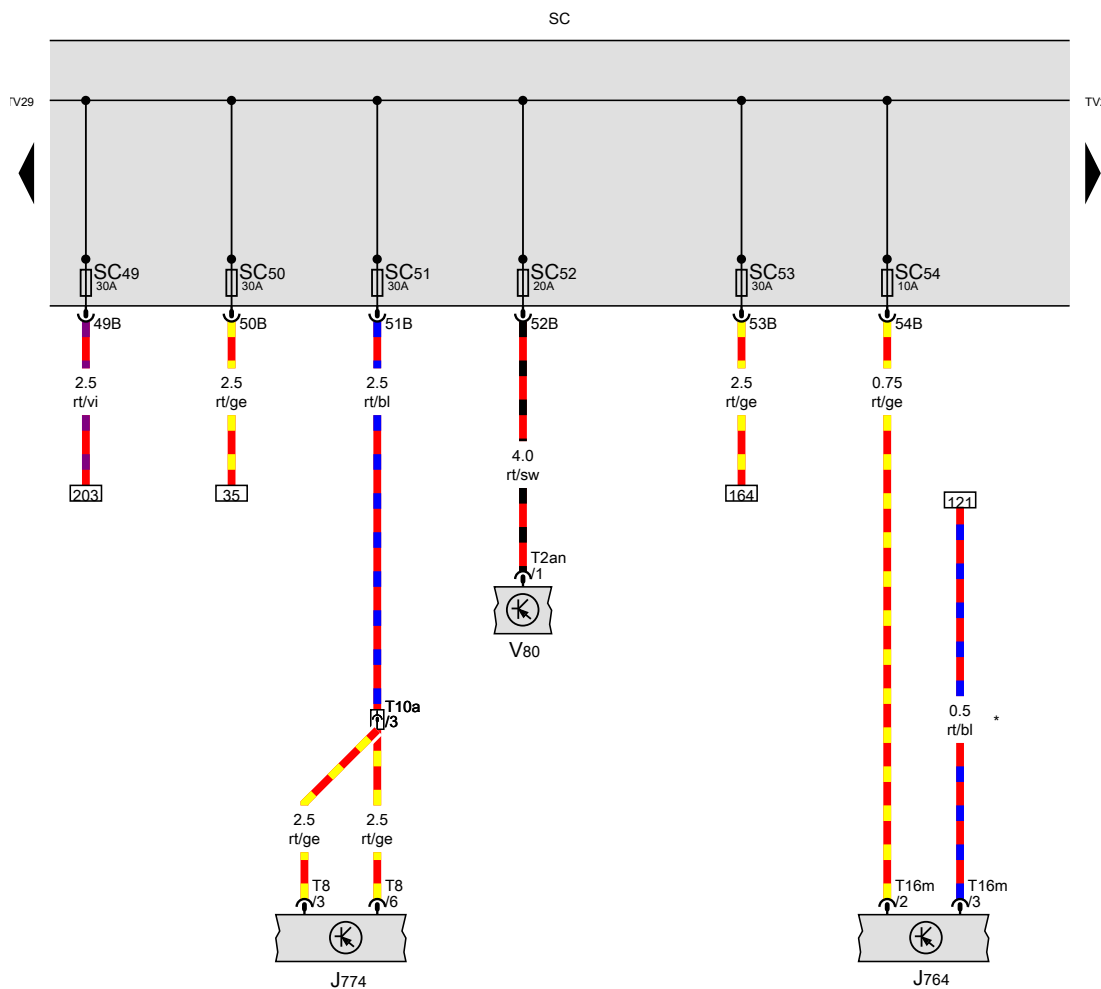
- B303 Positive connection 7 (30), in main wiring harness
- B505 Positive connection 9 (30a), in interior wiring harness
- M9 Connection, in seat adjustment wiring harness
- TV29 Terminal 30 wiring junction 4
- * For left-hand drive models
- *2 For right-hand drive models

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



E138	Taxi sign switch
E326	Front interior light button
E485	Taxi alarm active button
G41	Taximeter
G273	Interior monitoring sensor
G384	Vehicle inclination sender
G578	Anti-theft alarm sensor
H12	Alarm horn
J386	Driver door control unit
J388	Rear left door control unit
SC	Fuse holder C
SC46	Fuse 46 on fuse holder C
SC47	Fuse 47 on fuse holder C
SC48	Fuse 48 on fuse holder C
T3o	3-pin connector
T4m	4-pin connector
T6ax	6-pin connector
T6o	6-pin connector
T6y	6-pin connector
T8o	8-pin connector
T11	11-pin connector
T20a	20-pin connector
T20c	20-pin connector
T28	28-pin connector

- B161 Connection (ATA), in interior wiring harness
- B320 Positive connection 6 (30a) in main wiring harness
- TV29 Terminal 30 wiring junction 4
- X127 Positive connection 3 (30a), in taxi wiring harness
- * For left-hand drive models
- *2 For right-hand drive models



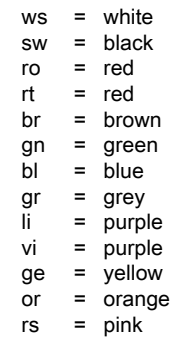
Fuse holder C

- J764 Control unit for electronic steering column lock
- J774 Heated front seats control unit
- SC Fuse holder C
- SC49 Fuse 49 on fuse holder C
- SC50 Fuse 50 on fuse holder C
- SC51 Fuse 51 on fuse holder C
- SC52 Fuse 52 on fuse holder C
- SC53 Fuse 53 on fuse holder C
- SC54 Fuse 54 on fuse holder C
- T2an 2-pin connector
- T8 8-pin connector
- T10a 10-pin connector
- T16m 16-pin connector
- V80 Rear fresh air blower

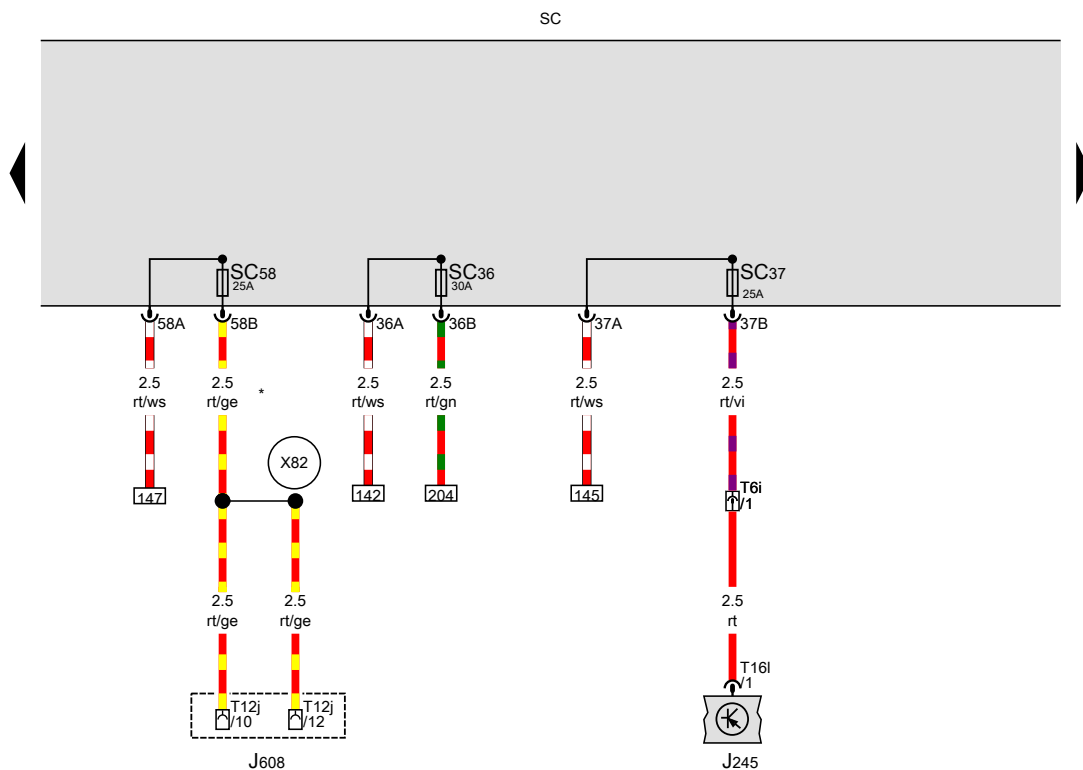
TV29 Terminal 30 wiring junction 4

* 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



J941	Trailer voltage supply relay
SC	Fuse holder C
SC7	Fuse 7 on fuse holder C
SC8	Fuse 8 on fuse holder C
SC55	Fuse 55 on fuse holder C
SC56	Fuse 56 on fuse holder C
T8i	8-pin connector
T13	13-pin connector
U10	Trailer socket
218	Earth connection 1, in rear lid wiring harness
TV29	Terminal 30 wiring junction 4
*	Up to April 2013
*2	From May 2013



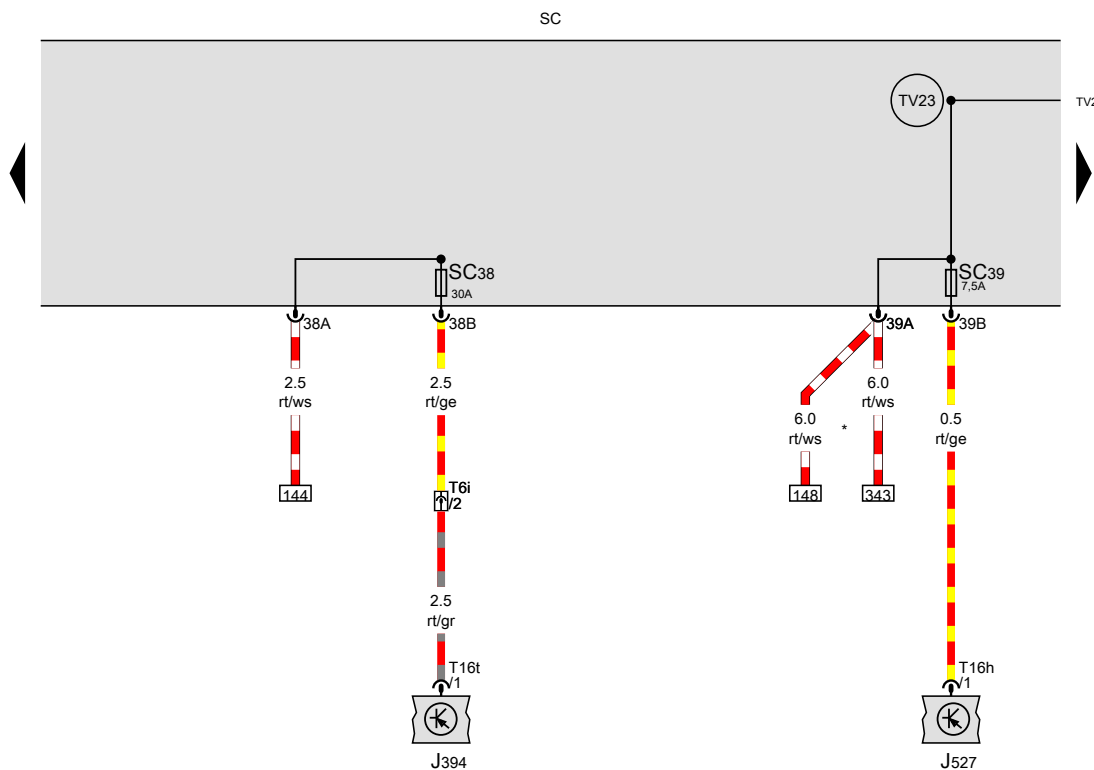
Fuse holder C

- J245 Sliding sunroof adjustment control unit
- J608 Special vehicle control unit
- SC Fuse holder C
- SC36 Fuse 36 on fuse holder C
- SC37 Fuse 37 on fuse holder C
- SC58 Fuse 58 on fuse holder C
- T6i 6-pin connector
- T12j 12-pin connector
- T16i 16-pin connector

X82 Positive connection 1 (30a), in taxi wiring harness

* For models with taxi equipment

- 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

- J394 Sunroof roller blind control unit
- J527 Steering column electronics control unit
- SC Fuse holder C
- SC38 Fuse 38 on fuse holder C
- SC39 Fuse 39 on fuse holder C
- T6i 6-pin connector
- T16h 16-pin connector
- T16t 16-pin connector

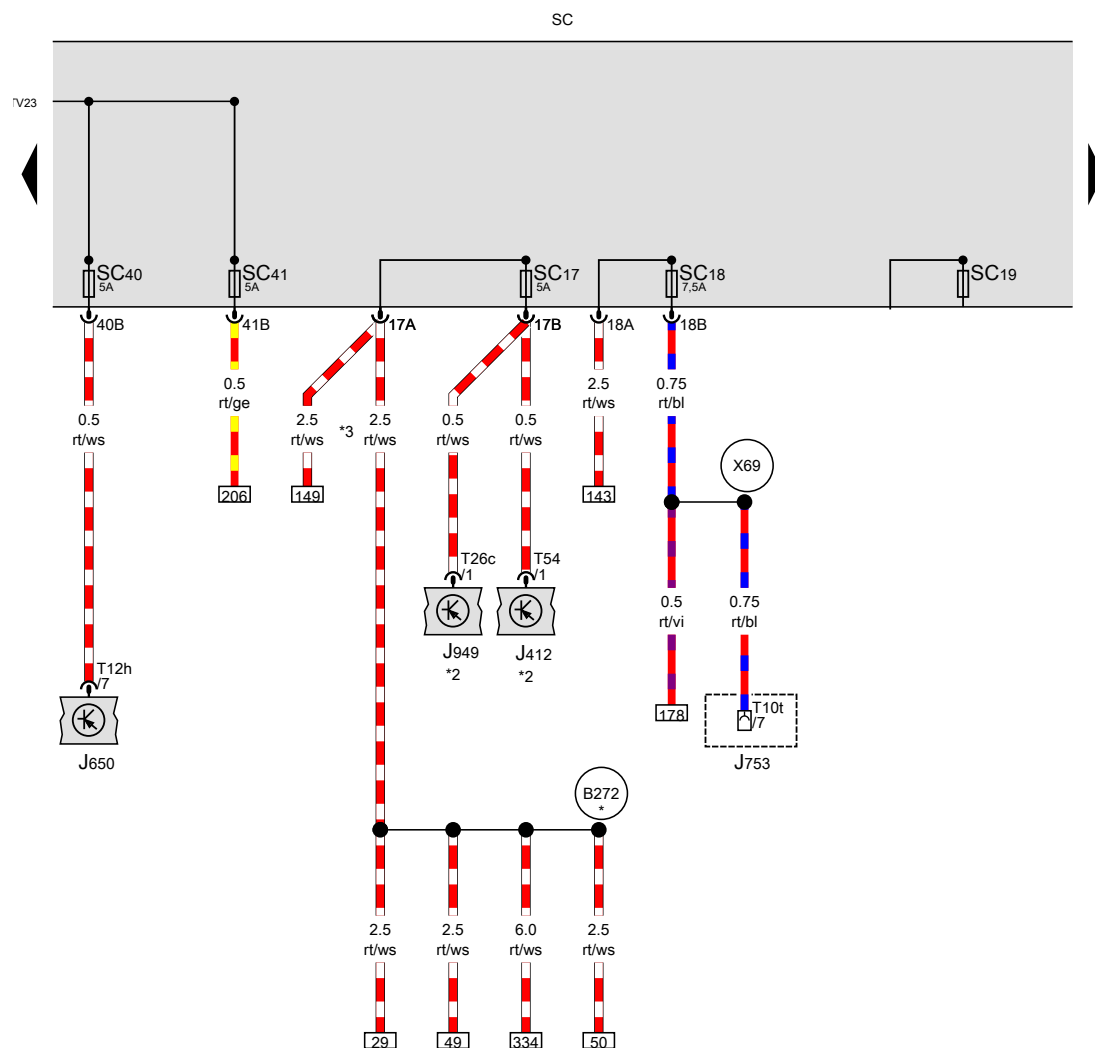
TV23 Push-in bridge

* 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

323 324 325 326 327 328 329 330 331 332 333 334 335 336

[7N1-060251118]



Fuse holder C

- J412 Mobile telephone operating electronics control unit
- J650 Multimedia system control unit
- J753 Data transmission control unit
- J949 Emergency call module control unit and communication unit
- 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
- SC40 Fuse 40 on fuse holder C
- SC41 Fuse 41 on fuse holder C
- T10t 10-pin connector
- T12h 12-pin connector
- T26c 26-pin connector
- T54 54-pin connector

B272 Positive connection (30), in main wiring harness

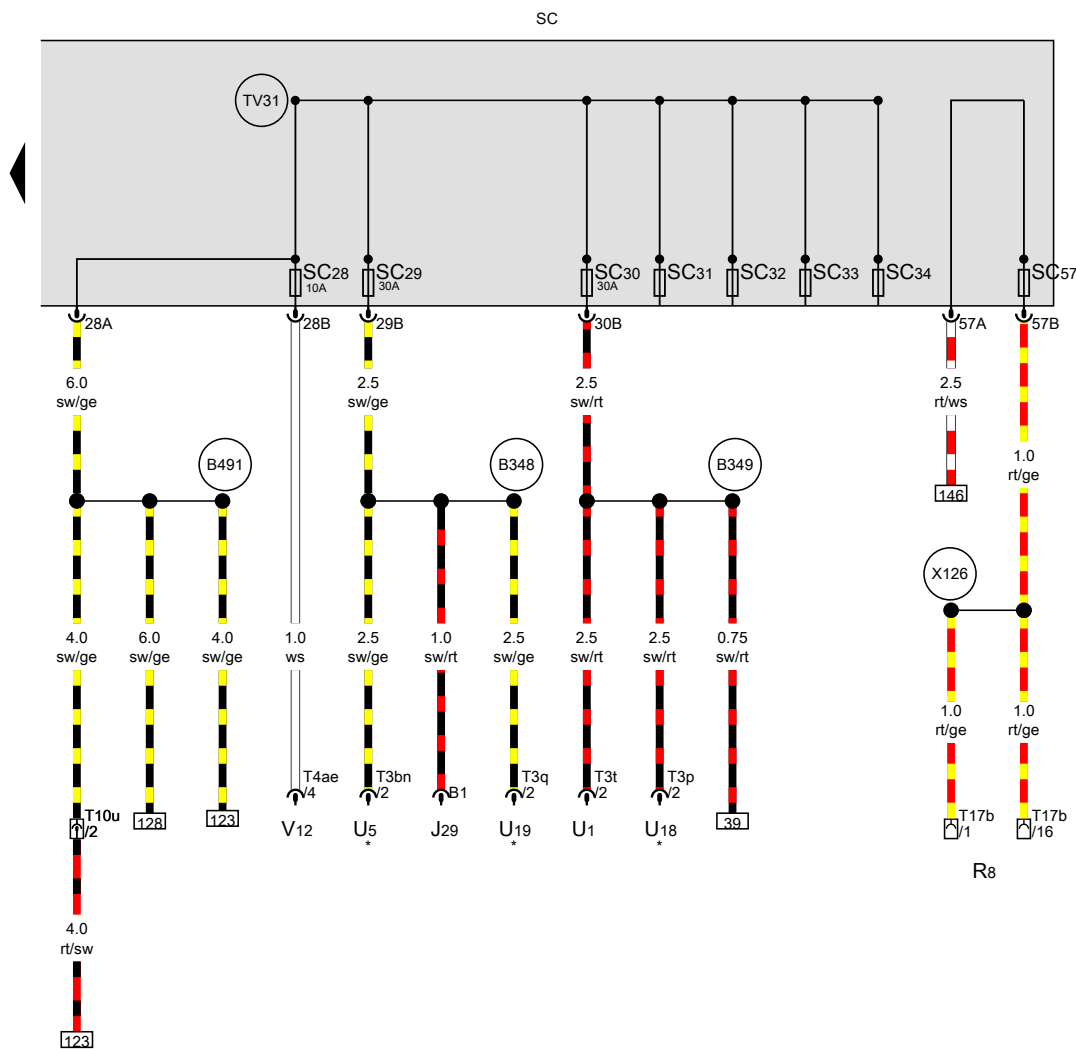
TV23 Push-in bridge

X69 Connection 1, in taxi wiring harness

* For models with start/stop system

*2 According to equipment

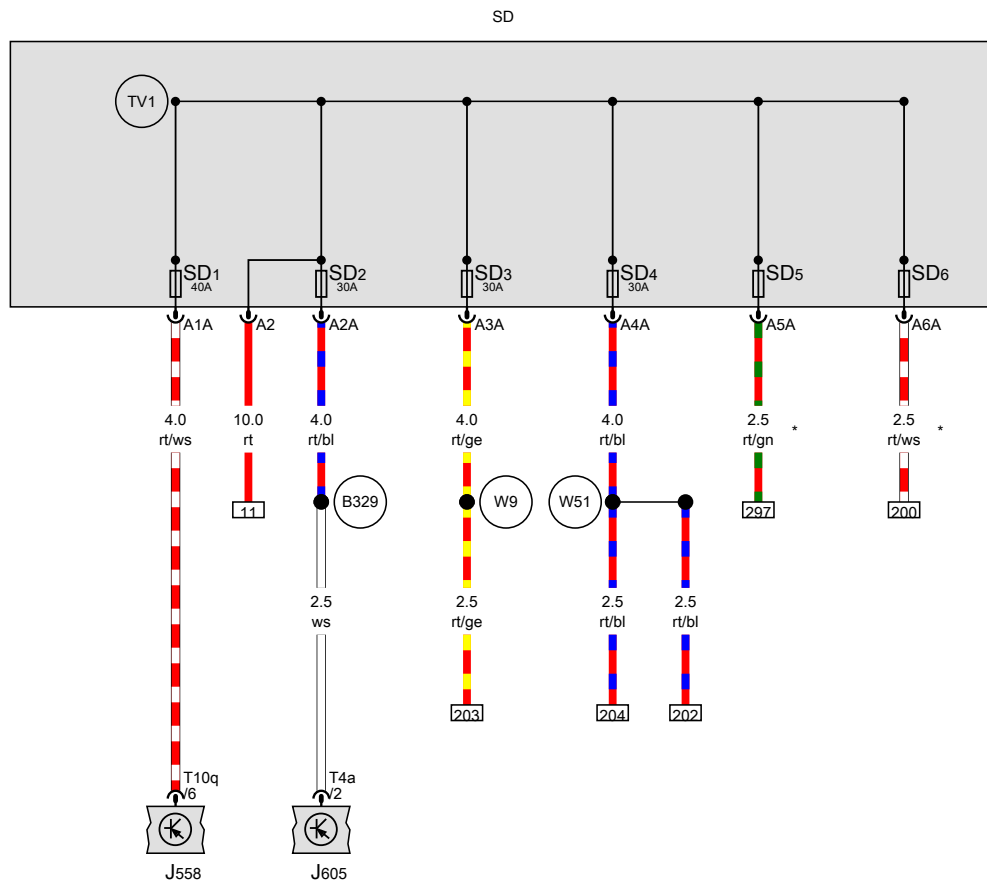
*3 For models with no start/stop system



Fuse holder C

- J29 Blocking diode
- R8 Two-way radio
- SC Fuse holder C
- SC28 Fuse 28 on fuse holder C
- SC29 Fuse 29 on fuse holder C
- SC30 Fuse 30 on fuse holder C
- SC31 Fuse 31 on fuse holder C
- SC32 Fuse 32 on fuse holder C
- SC33 Fuse 33 on fuse holder C
- SC34 Fuse 34 on fuse holder C
- SC57 Fuse 57 on fuse holder C
- T3bn 3-pin connector
- T3p 3-pin connector
- T3q 3-pin connector
- T3t 3-pin connector
- T4ae 4-pin connector
- T10u 10-pin connector
- T17b 17-pin connector
- U1 Cigarette lighter
- U5 12 V socket, in centre console
- U18 12 V socket 2
- U19 12 V socket 3
- V12 Rear window wiper motor
- B348 Connection 1 (75a), in main wiring harness
- B349 Connection 2 (75a), in main wiring harness
- B491 Positive connection (75), in interior wiring harness
- TV31 Terminal 75 wiring junction
- X126 Positive connection 2 (30a), in taxi 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



Fuse holder D

- J558 Left sliding door control unit
- J605 Rear lid 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
- SD5 Fuse 5 on fuse holder D
- SD6 Fuse 6 on fuse holder D
- T4a 4-pin connector
- T10q 10-pin connector

B329 Positive connection 15 (30a) in main wiring harness

TV1 Wiring junction

W9 Positive connection 1 (30), in rear wiring harness

W51 Positive connection 2 (30), in rear wiring harness

* 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

365 366 367 368 369 370 371 372 373 374 375 376 377 378

17N1-060281118

Basic equipment

From May 2012

Onboard supply control unit, Terminal 75 voltage supply relay 1, Terminal 15 voltage supply relay 2

- J367 Battery monitor control unit
- J519 Onboard supply control unit
- J680 Terminal 75 voltage supply relay 1
- J681 Terminal 15 voltage supply relay 2
- SB2 Fuse 2 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
- SB27 Fuse 27 on fuse holder B
- SB30 Fuse 30 on fuse holder B
- SC50 Fuse 50 on fuse holder C
- T2fk 2-pin connector
- T52a 52-pin connector, black
- T52b 52-pin connector, white
- T52c 52-pin connector, brown

B150 Positive connection 2 (30a), in interior wiring harness

B163 Positive connection 1 (15), in interior wiring harness

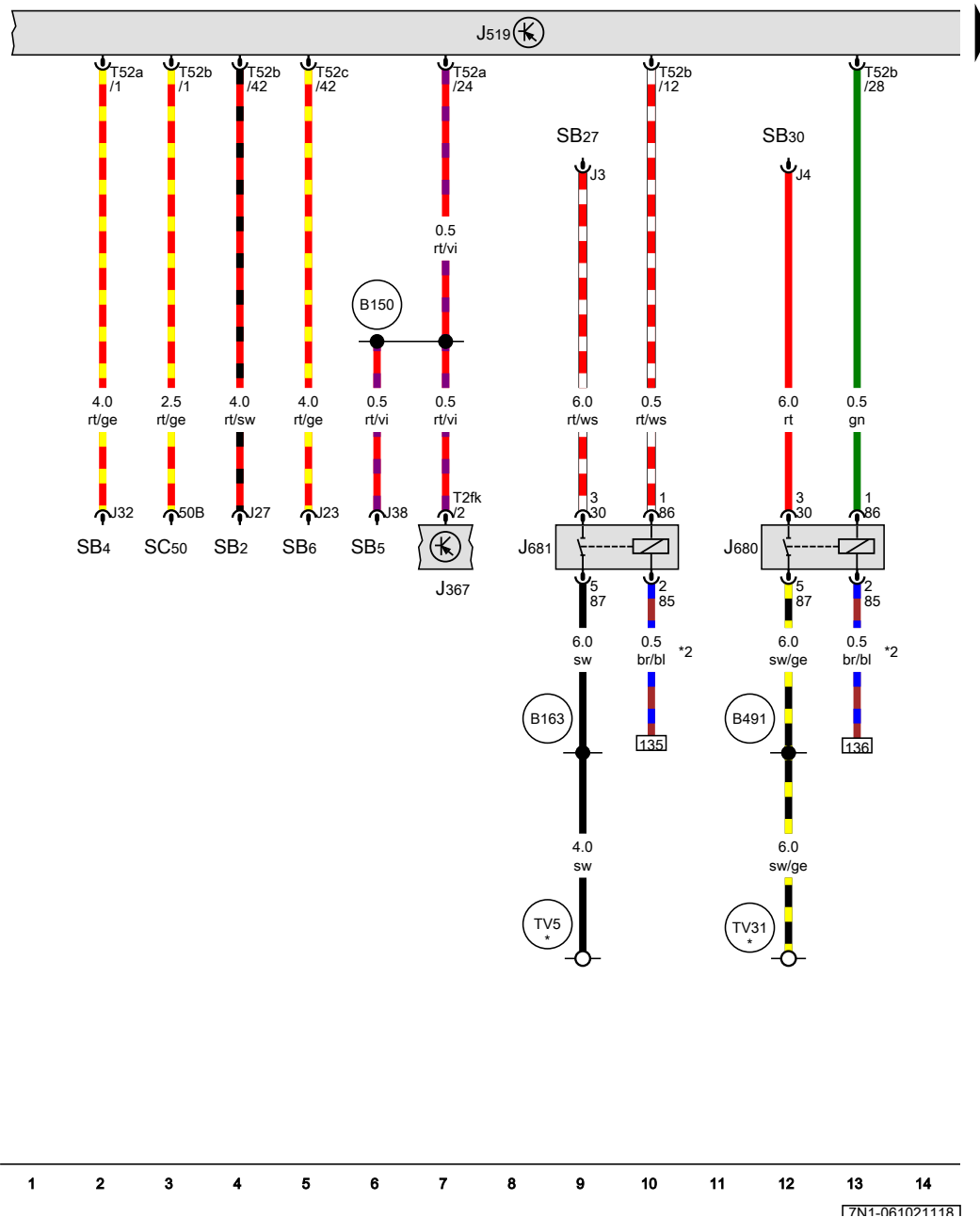
B491 Positive connection (75), in interior wiring harness

TV5 Terminal 15a wiring junction

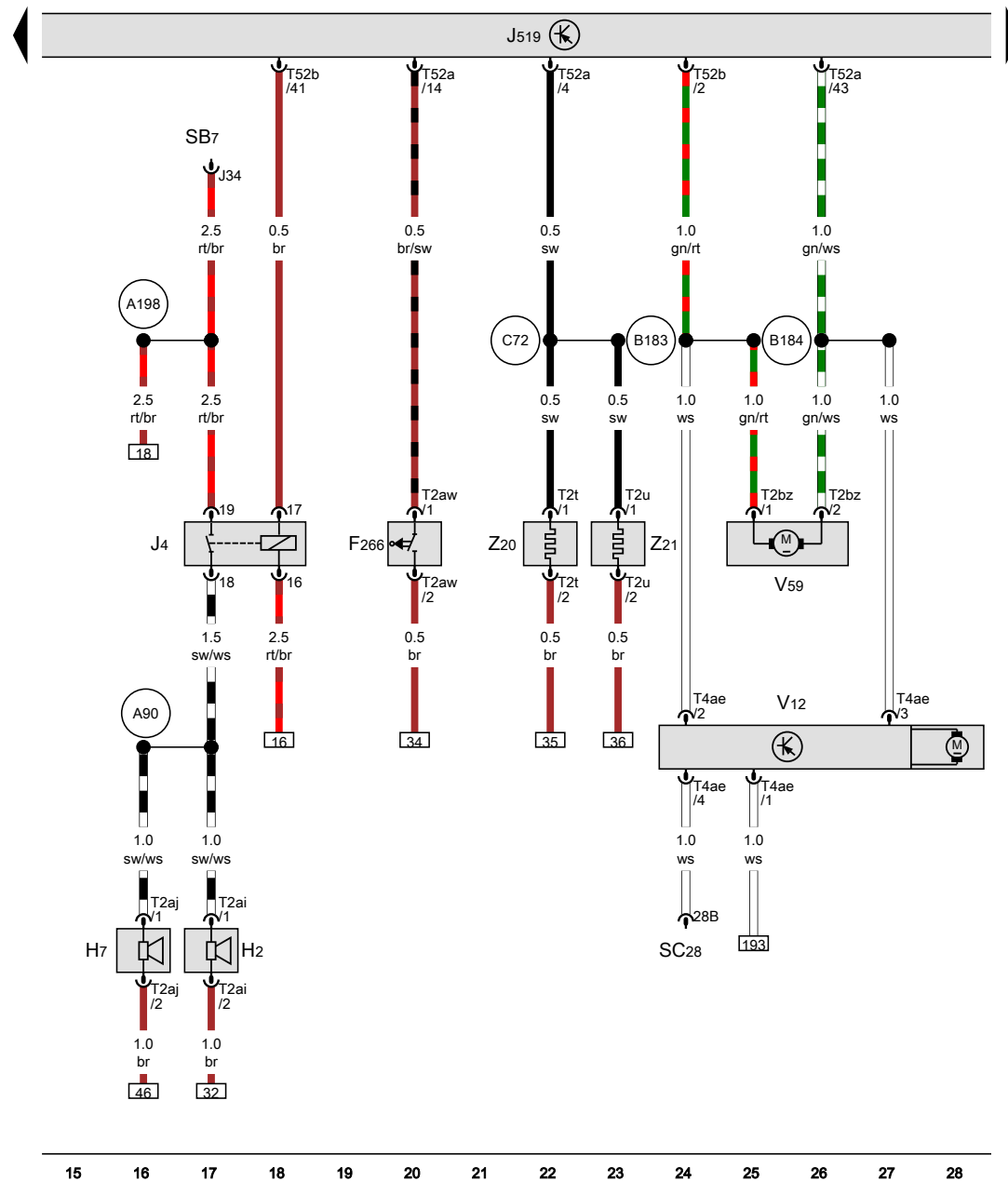
TV31 Terminal 75 wiring junction

* see applicable current flow diagram for fuse assignment
*2 Cross-section 1.5 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



Bonnet contact switch, Dual tone horn relay, Onboard supply control unit, Rear window wiper motor, Windscreen and rear window washer pump

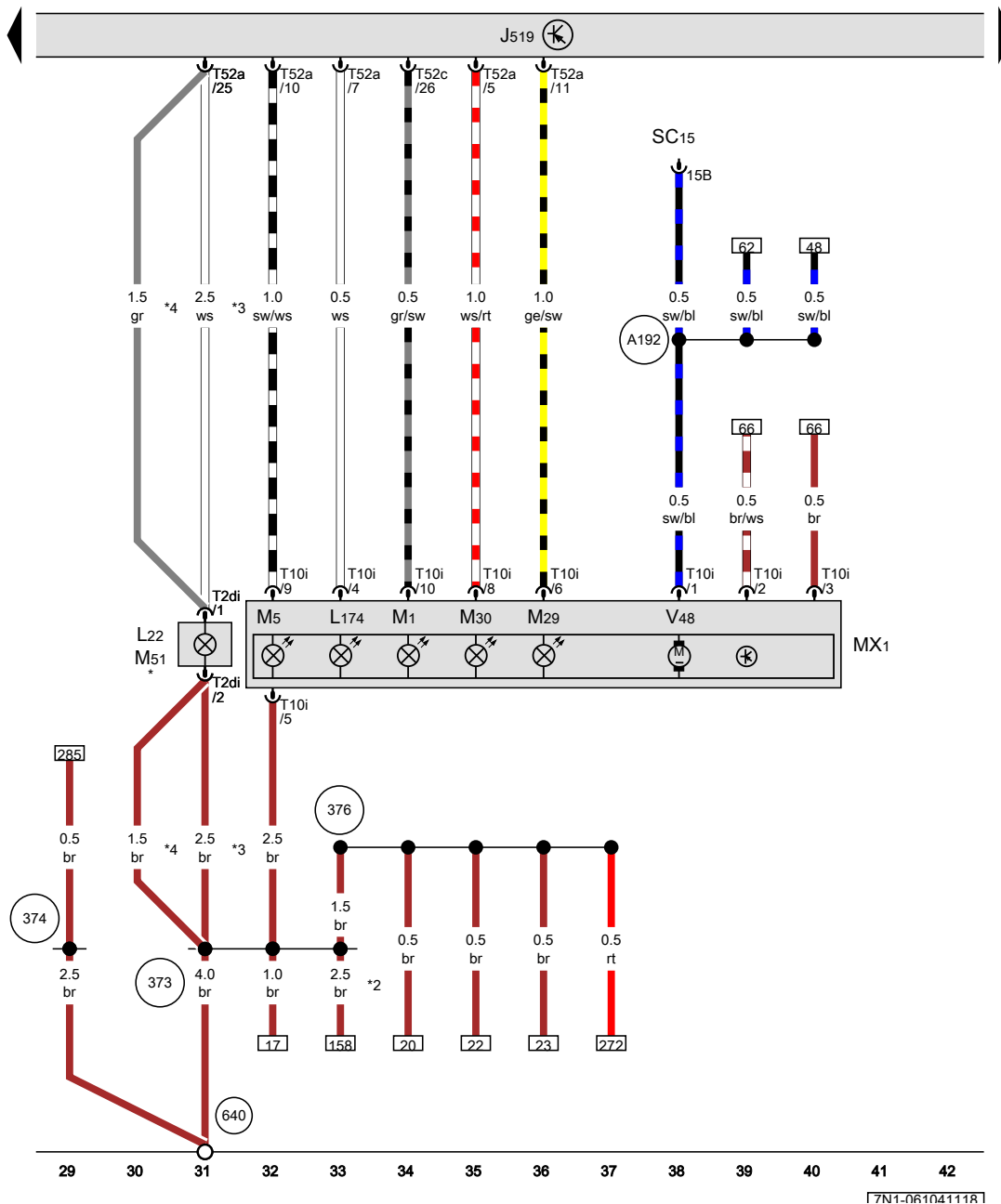


- F266 Bonnet contact switch
- H2 Treble horn
- H7 Bass horn
- J4 Dual tone horn relay
- J519 Onboard supply control unit
- SB7 Fuse 7 on fuse holder B
- SC28 Fuse 28 on fuse holder C
- T2ai 2-pin connector
- T2aj 2-pin connector
- T2aw 2-pin connector
- T2bz 2-pin connector
- T2t 2-pin connector
- T2u 2-pin connector
- T4ae 4-pin connector
- T52a 52-pin connector, black
- T52b 52-pin connector, white
- V12 Rear window wiper motor
- V59 Windscreen and rear window washer pump
- Z20 Left washer jet heater element
- Z21 Right washer jet heater element

- A90 Connection (dual tone horn), in dash panel wiring harness
- A198 Positive connection 6 (30a) in dash panel wiring harness
- B183 Connection 1 (washer pump), in interior wiring harness
- B184 Connection 2 (washer pump), in interior wiring harness
- C72 Positive connection in heated washer jet 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 fog light bulb, Front left headlight, Left static cornering light



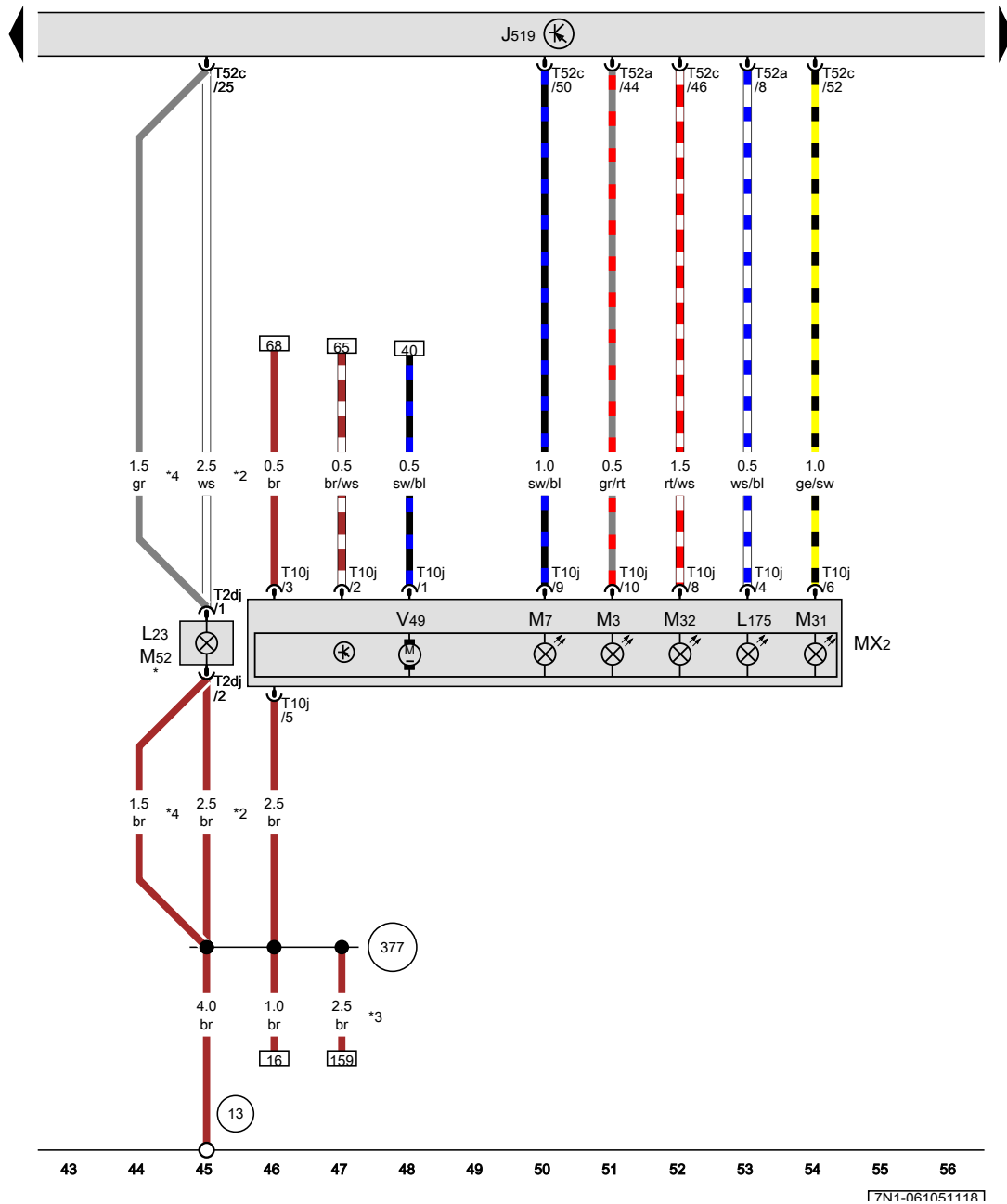
- J519 Onboard supply control unit
- L22 Left fog light bulb
- L174 Left daytime running light bulb
- MX1 Front left headlight
- M1 Left side light bulb
- M5 Front left turn signal bulb
- M29 Left headlight dipped beam bulb
- M30 Left headlight main beam bulb
- M51 Left static cornering light
- SC15 Fuse 15 on fuse holder C
- T2di 2-pin connector
- T10i 10-pin connector
- T52a 52-pin connector, black
- T52c 52-pin connector, brown
- V48 Left headlight range control motor

- 373 Earth connection 8, in main wiring harness
- 374 Earth connection 9, in main wiring harness
- 376 Earth connection 11, in main wiring harness
- 640 Earth point 2, left in engine compartment
- A192 Positive connection 3 (15a) in dash panel wiring harness

- * According to equipment
- *2 For left-hand drive models
- *3 Up to April 2014
- *4 From May 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

Onboard supply control unit, Right fog light bulb, Front right headlight, Right static cornering light

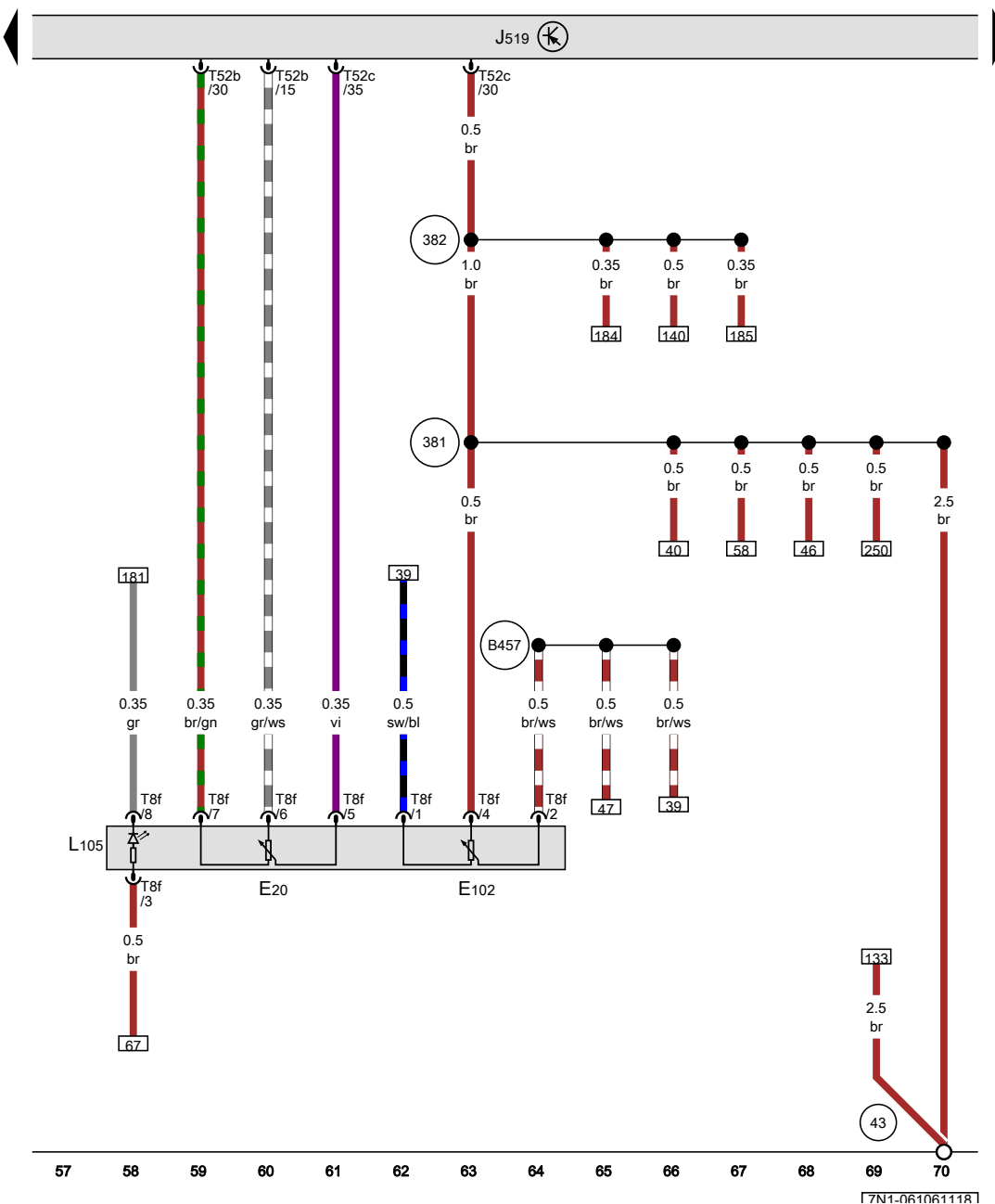


- J519 Onboard supply control unit
- L23 Right fog light bulb
- L175 Right daytime running light bulb
- MX2 Front right headlight
- M3 Right side light bulb
- M7 Front right turn signal bulb
- M31 Right headlight dipped beam bulb
- M32 Right headlight main beam bulb
- M52 Right static cornering light
- T2dj 2-pin connector
- T10j 10-pin connector
- T52a 52-pin connector, black
- T52c 52-pin connector, brown
- V49 Right headlight range control motor
- 13 Earth point, on right in engine compartment
- 377 Earth connection 12, in main wiring harness
- * According to equipment
- *2 Up to April 2014
- *3 For right-hand drive models
- *4 From May 2014

Switch and instrument illumination regulator, Onboard supply control unit

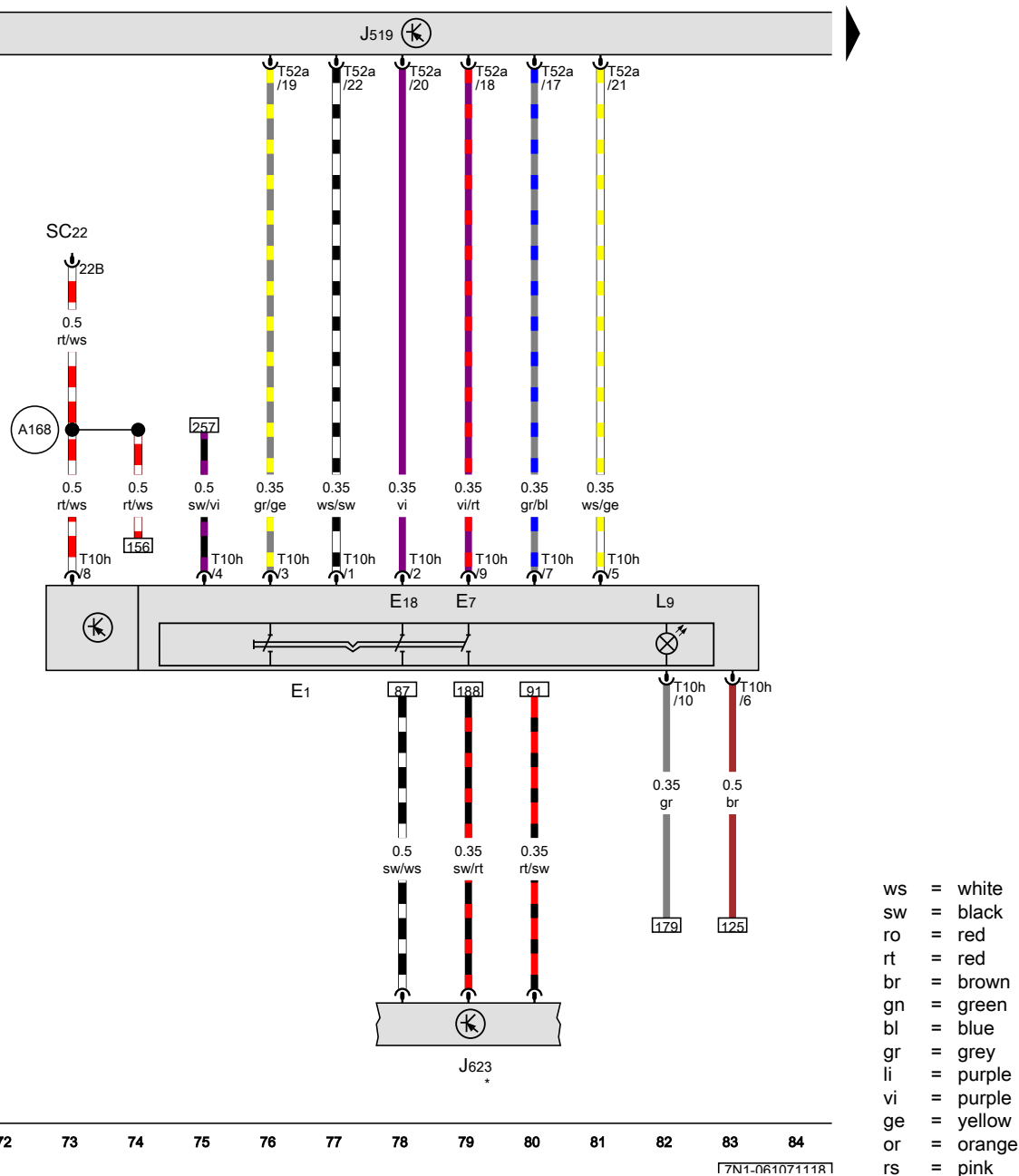
- E20 Switch and instrument illumination regulator
- E102 Headlight range control regulator
- J519 Onboard supply control unit
- L105 Illumination regulator illumination bulb
- T8f 8-pin connector
- T52b 52-pin connector, white
- T52c 52-pin connector, brown

- 43 Earth point, lower part of right A-pillar
- 381 Earth connection 16, in main wiring harness
- 382 Earth connection 17, in main wiring harness
- B457 Connection 1 (potentiometer), in main wiring harness

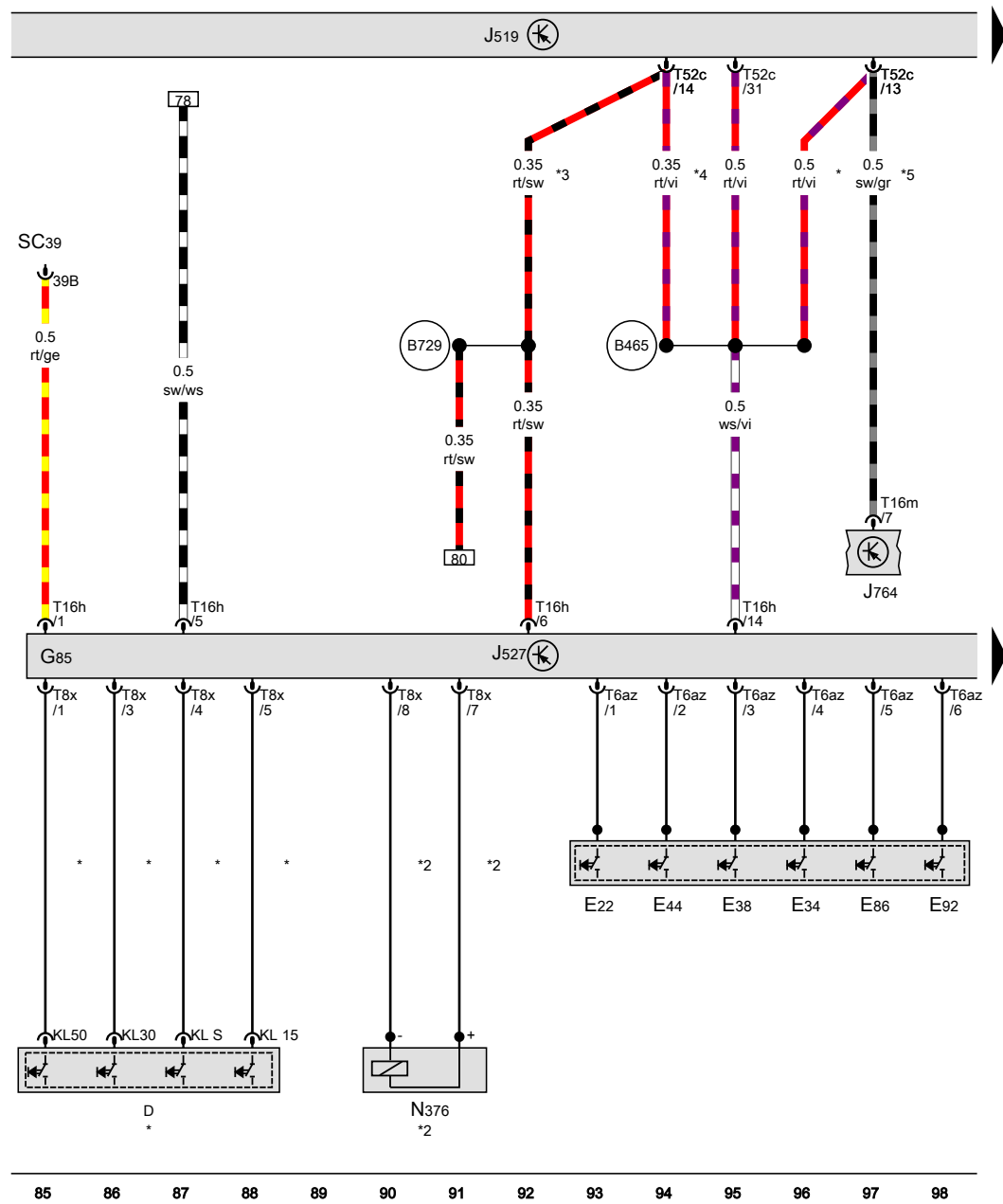


Light switch, Onboard supply control unit

- E1 Light switch
- E7 Fog light switch
- E18 Rear fog light switch
- J519 Onboard supply control unit
- J623 Engine/motor control unit
- L9 Light switch illumination bulb
- SC22 Fuse 22 on fuse holder C
- T10h 10-pin connector
- T52a 52-pin connector, black
- A168 Positive connection 4 (30a) in dash panel wiring harness
- * see applicable current flow diagram for engine



Ignition/starter switch, Onboard supply control unit, Steering column electronics control unit, Ignition key withdrawal lock solenoid



- D Ignition/starter switch
- E22 Intermittent wiper switch
- E34 Rear wiper switch
- E38 Intermittent wiper regulator
- E44 Washer pump switch (automatic wash/wipe and headlight washer system)
- E86 Multifunction display call-up button
- E92 Reset button
- G85 Steering angle sender
- 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
- SC39 Fuse 39 on fuse holder C
- T6az 6-pin connector
- T8x 8-pin connector
- T16h 16-pin connector
- T16m 16-pin connector
- T52c 52-pin connector, brown

B465 Connection 1, in main wiring harness

B729 Connection 1 (50), in main wiring harness

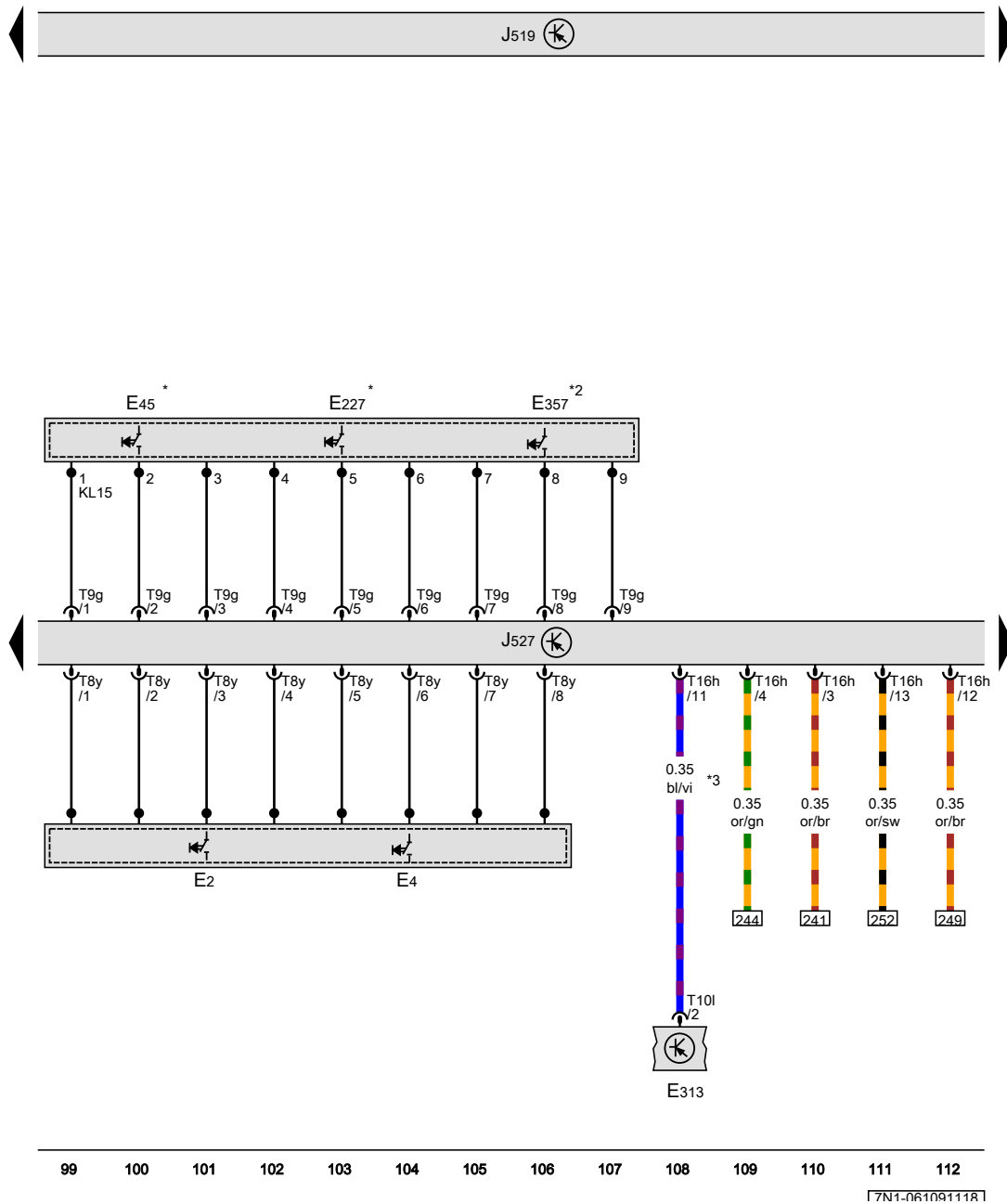
- * For models with no entry and start authorisation
- *2 For models with dual clutch gearbox
- *3 For models with no start/stop system
- *4 For models with start/stop system
- *5 For models with entry and start authorisation

- 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

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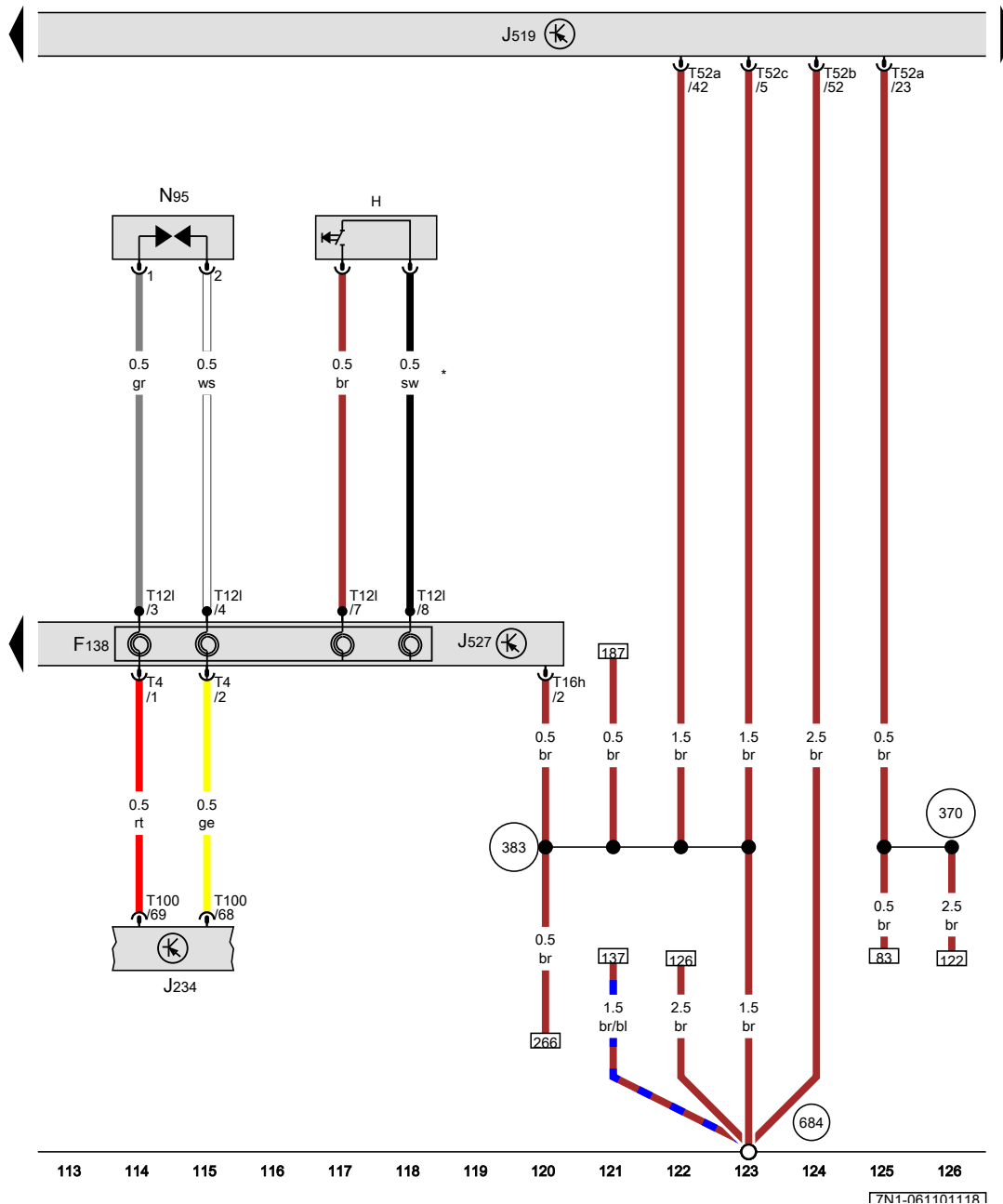
Onboard supply control unit, Steering column electronics control unit

- E2 Turn signal switch
- E4 Headlight dipper and flasher switch
- E45 Cruise control system switch
- E227 Cruise control system (CCS) SET button
- E313 Selector lever
- E357 Adaptive cruise control button
- J519 Onboard supply control unit
- J527 Steering column electronics control unit
- T8y 8-pin connector
- T9g 9-pin connector
- T10l 10-pin connector
- T16h 16-pin connector
- * For models with cruise control system (CCS)
- *2 For models with adaptive cruise control (ACC)
- *3 For models with dual clutch gearbox



- 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

Horn plate, Onboard supply control unit, Steering column electronics control unit, Airbag igniter on driver side



- F138 Airbag coil connector and return ring with slip ring
- H Horn plate
- J234 Airbag control unit
- J519 Onboard supply control unit
- J527 Steering column electronics control unit
- N95 Airbag igniter on driver side
- T4 4-pin connector
- T121 12-pin connector
- T16h 16-pin connector
- T52a 52-pin connector, black
- T52b 52-pin connector, white
- T52c 52-pin connector, brown
- T100 100-pin connector

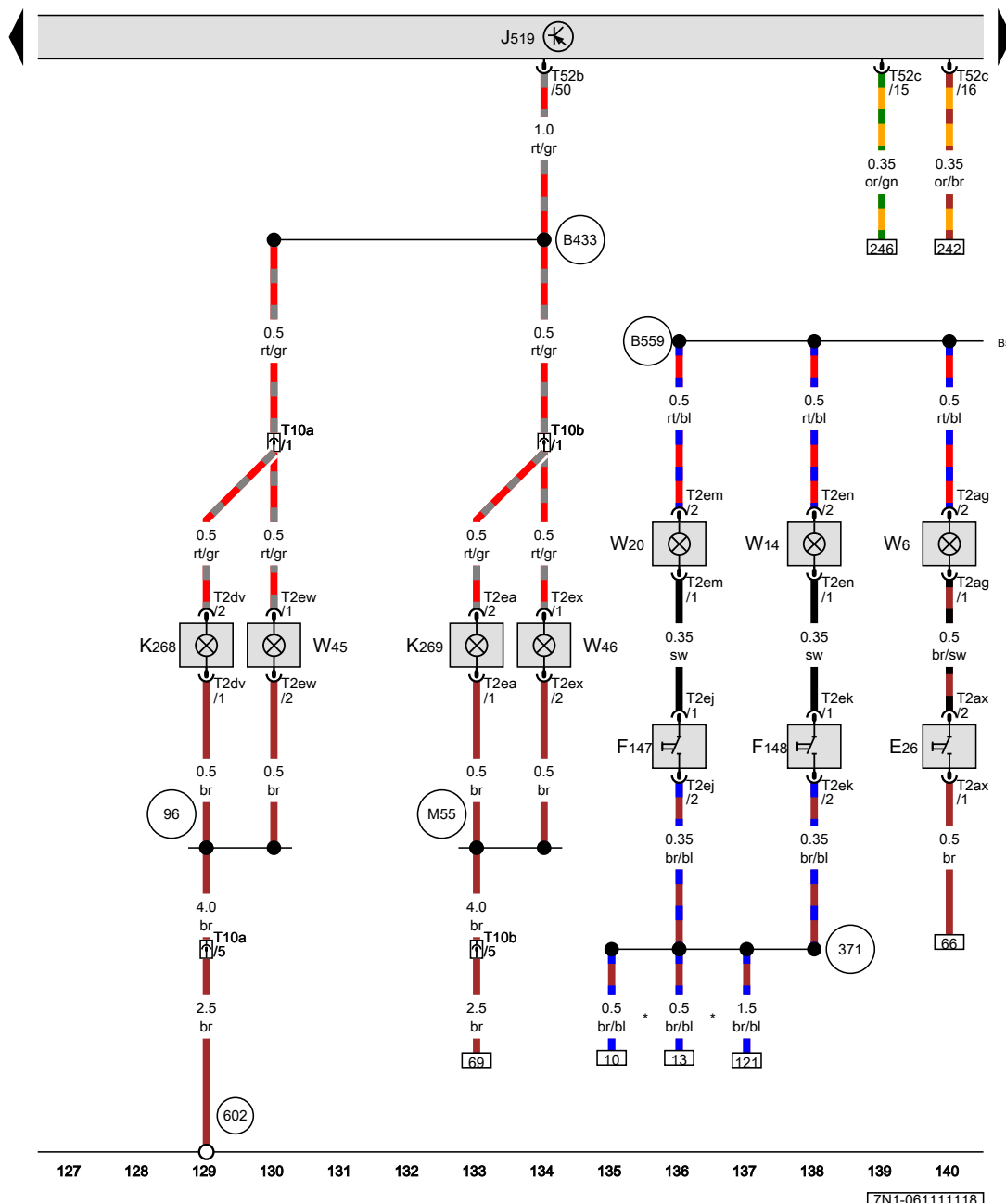
370 Earth connection 5, in main wiring harness

383 Earth connection 18, in main wiring harness

684 Earth point on front of left side member

* For models with no multifunction 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

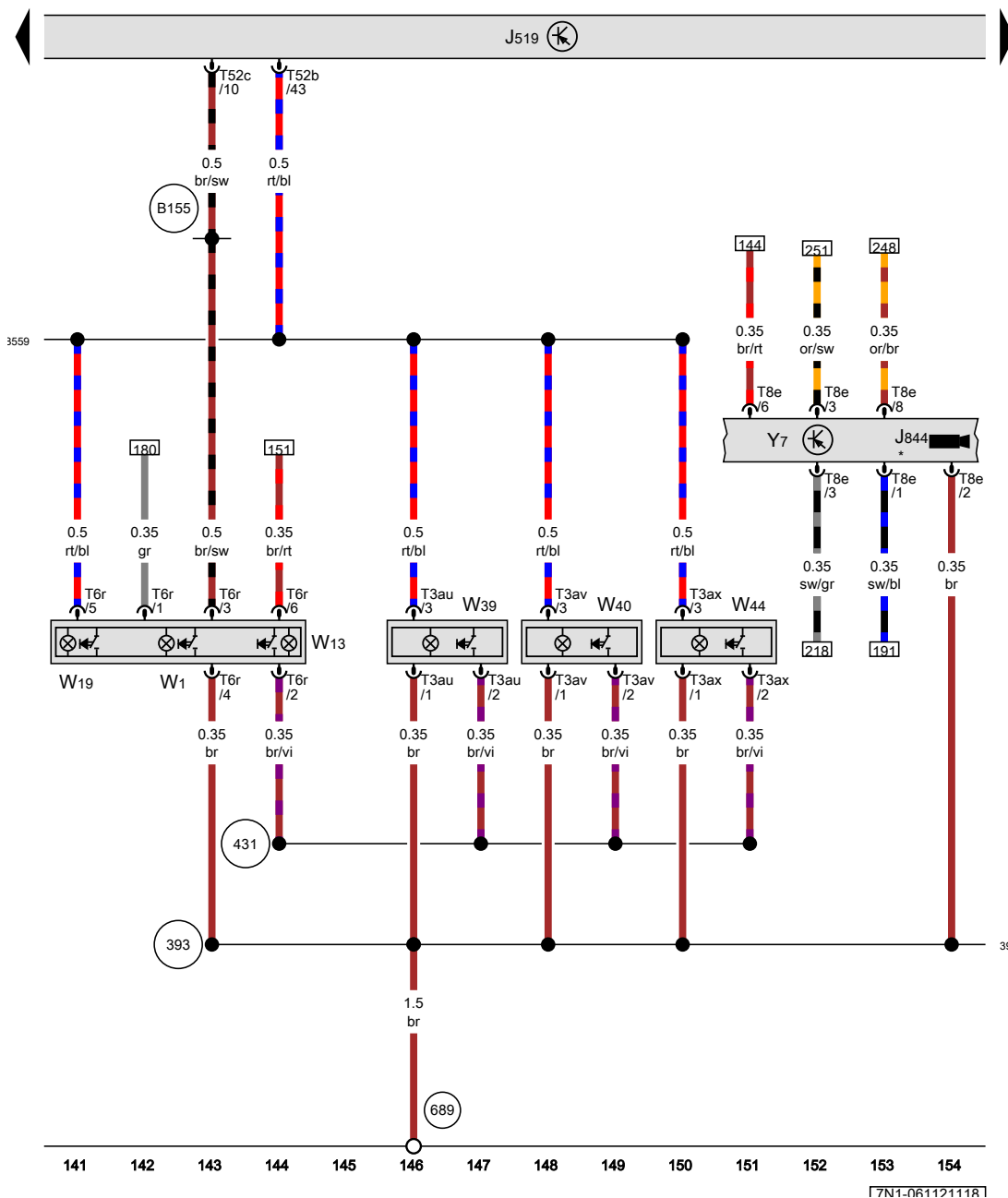


Onboard supply control unit, Front left footwell light, Front right footwell light, Glove compartment light, Front passenger side illuminated vanity mirror, Driver side illuminated vanity mirror, Rear left footwell light, Rear right footwell light

- E26 Glove compartment light switch
- F147 Driver vanity mirror contact switch
- F148 Front passenger vanity mirror contact switch
- J519 Onboard supply control unit
- K268 Front left footwell light
- K269 Front right footwell light
- T2ag 2-pin connector
- T2ax 2-pin connector
- T2dv 2-pin connector
- T2ea 2-pin connector
- T2ej 2-pin connector
- T2ek 2-pin connector
- T2em 2-pin connector
- T2en 2-pin connector
- T2ew 2-pin connector
- T2ex 2-pin connector
- T10a 10-pin connector
- T10b 10-pin connector
- T52b 52-pin connector, white
- T52c 52-pin connector, brown
- W6 Glove compartment light
- W14 Front passenger side illuminated vanity mirror
- W20 Driver side illuminated vanity mirror
- W45 Rear left footwell light
- W46 Rear right footwell light

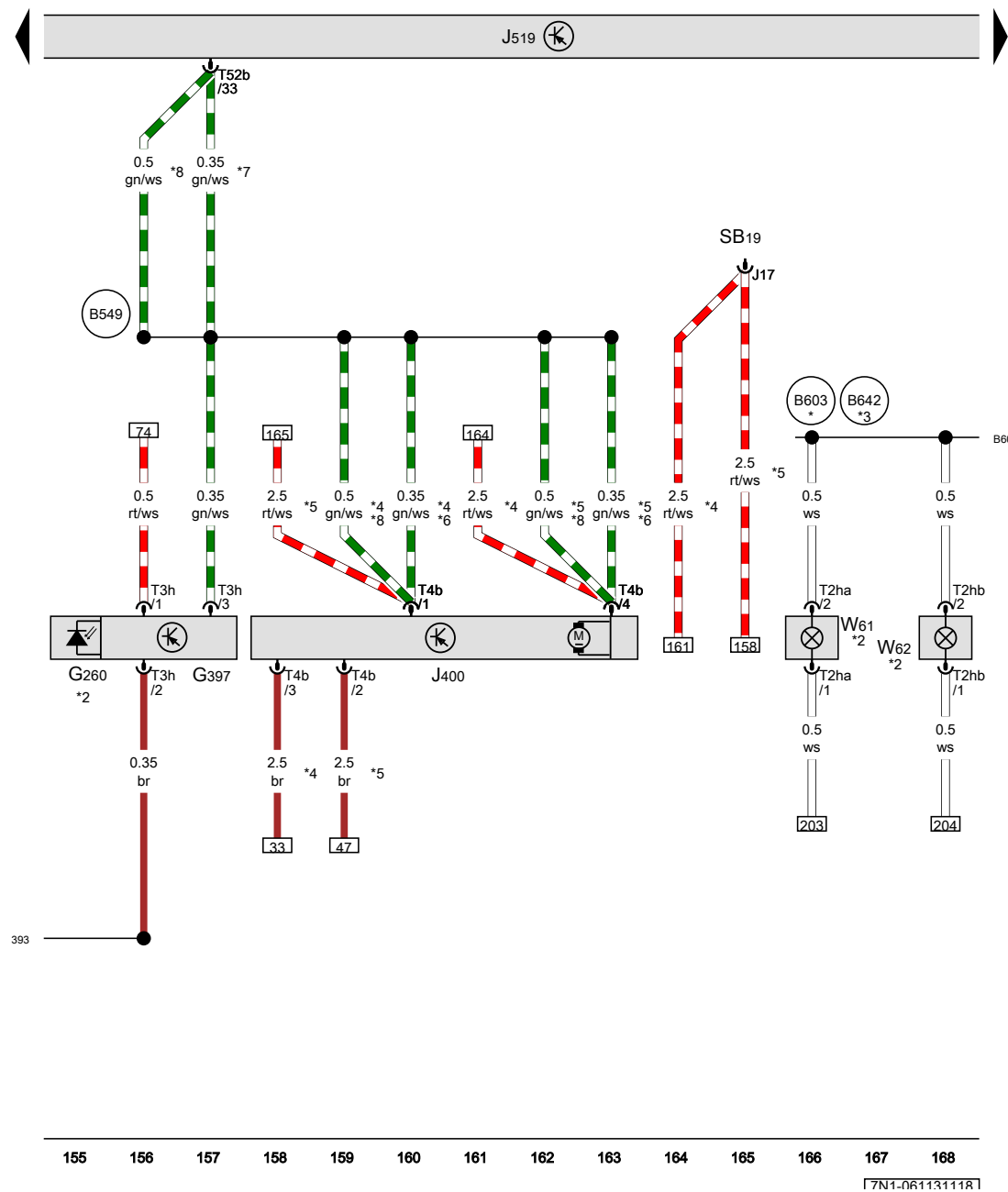
- 96 Earth connection 1, in seat heating wiring harness
- 371 Earth connection 6, in main wiring harness
- 602 Earth point, in front left footwell
- B433 Connection (footwell light), in main wiring harness
- B559 Positive connection 1 (30g), in main wiring harness
- M55 Connection 5, in front passenger seat wiring harness
- * Cross-section 1.5 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



Onboard supply control unit, Main beam assist control unit, Front interior light, Left centre reading light, Right centre reading light, Rear centre reading light, Automatic anti-dazzle interior mirror

- J519 Onboard supply control unit
- J844 Main beam assist control unit
- T3au 3-pin connector
- T3av 3-pin connector
- T3ax 3-pin connector
- T6r 6-pin connector
- T8e 8-pin connector
- T52b 52-pin connector, white
- T52c 52-pin connector, brown
- W1 Front interior light
- W13 Front passenger reading light
- W19 Driver side reading light
- W39 Left centre reading light
- W40 Right centre reading light
- W44 Rear centre reading light
- Y7 Automatic anti-dazzle interior mirror
- 393 Earth connection 28, in main wiring harness
- 431 Earth connection 2, in roof wiring harness
- 689 Earth point, at front, central in roof
- B155 Connection 2 (DCt), in interior wiring harness
- B559 Positive connection 1 (30g), in main wiring harness
- * For models with main beam assist



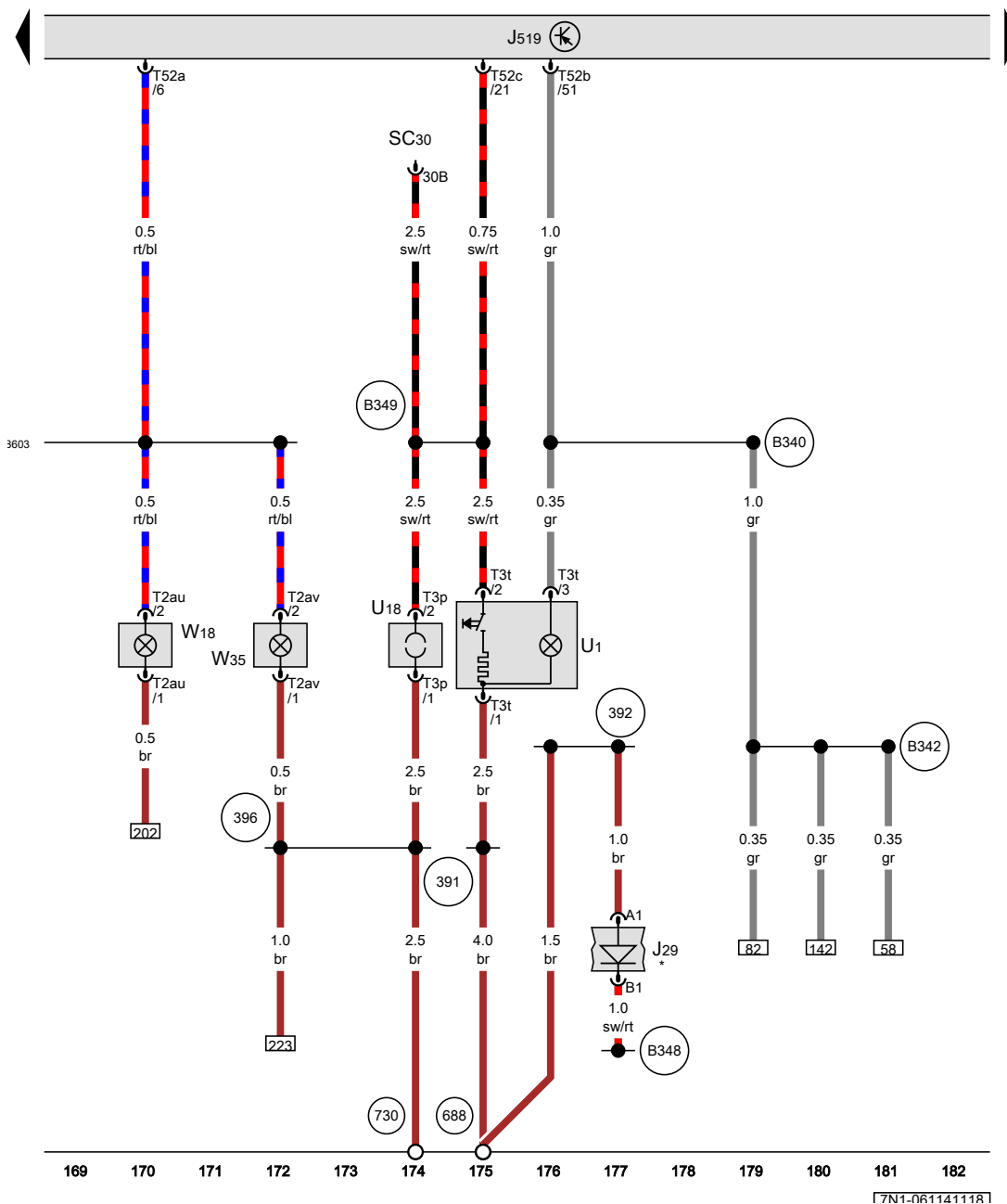
Humidity sender for air conditioning system, Rain and light sensor, Wiper motor control unit, Onboard supply control unit

- G260 Humidity sender for air conditioning system
- G397 Rain and light sensor
- J400 Wiper motor control unit
- J519 Onboard supply control unit
- SB19 Fuse 19 on fuse holder B
- T2ha 2-pin connector
- T2hb 2-pin connector
- T3h 3-pin connector
- T4b 4-pin connector
- T52b 52-pin connector, white
- W61 Surround lighting 1 in rear lid
- W62 Surround lighting 2 in rear lid

- 393 Earth connection 28, in main wiring harness
- B549 Connection 2 (LIN bus) in main wiring harness
- B603 Positive connection 2 (30g), in main wiring harness
- B642 Positive connection (58), in main wiring harness

- * Up to April 2013
- *2 According to equipment
- *3 From May 2013
- *4 For left-hand drive models
- *5 For right-hand drive models
- *6 Up to April 2014
- *7 Up to May 2014
- *8 From May 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



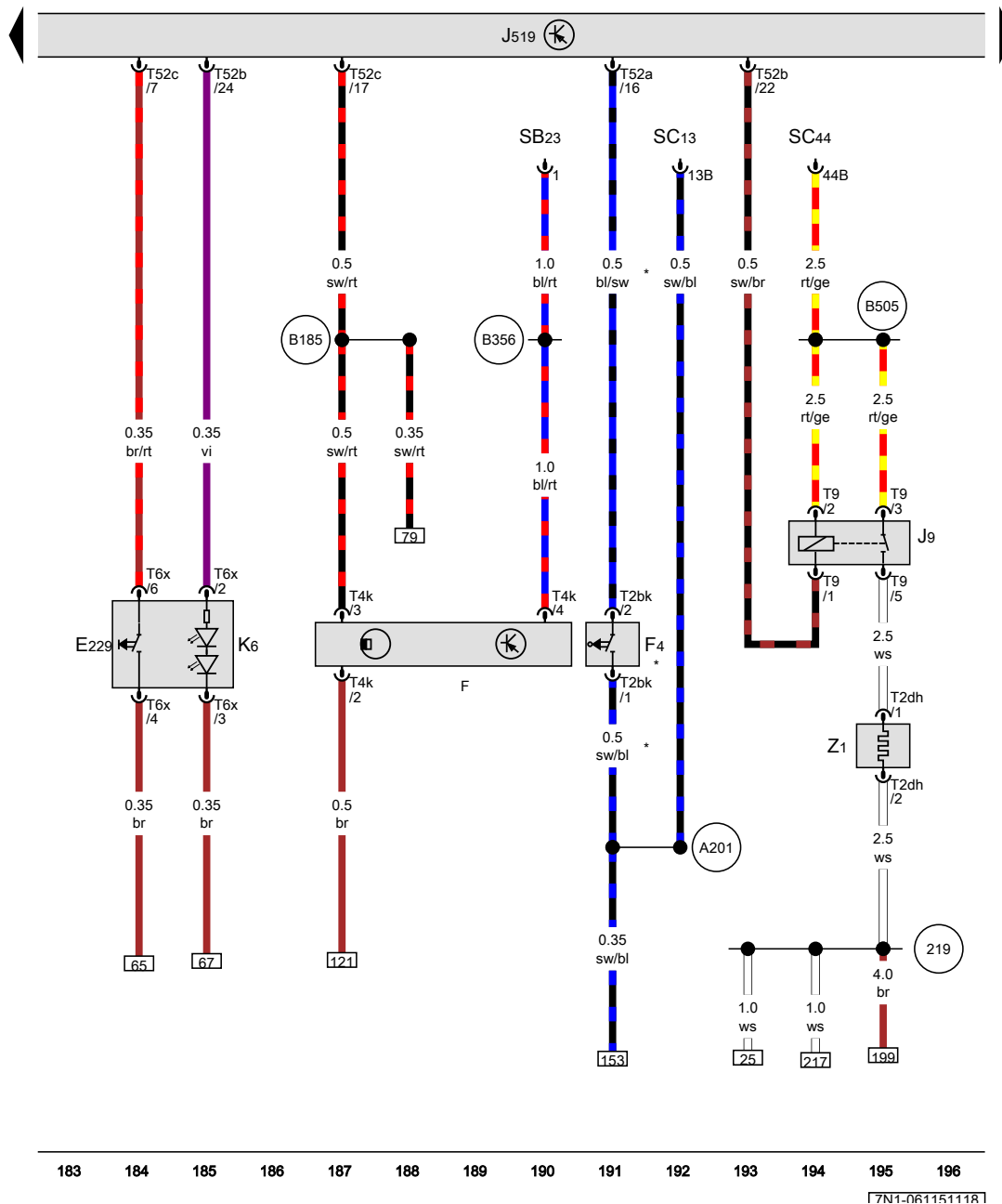
Blocking diode, Onboard supply control unit, Cigarette lighter, 12 V socket 2, Left luggage compartment light, Right luggage compartment light

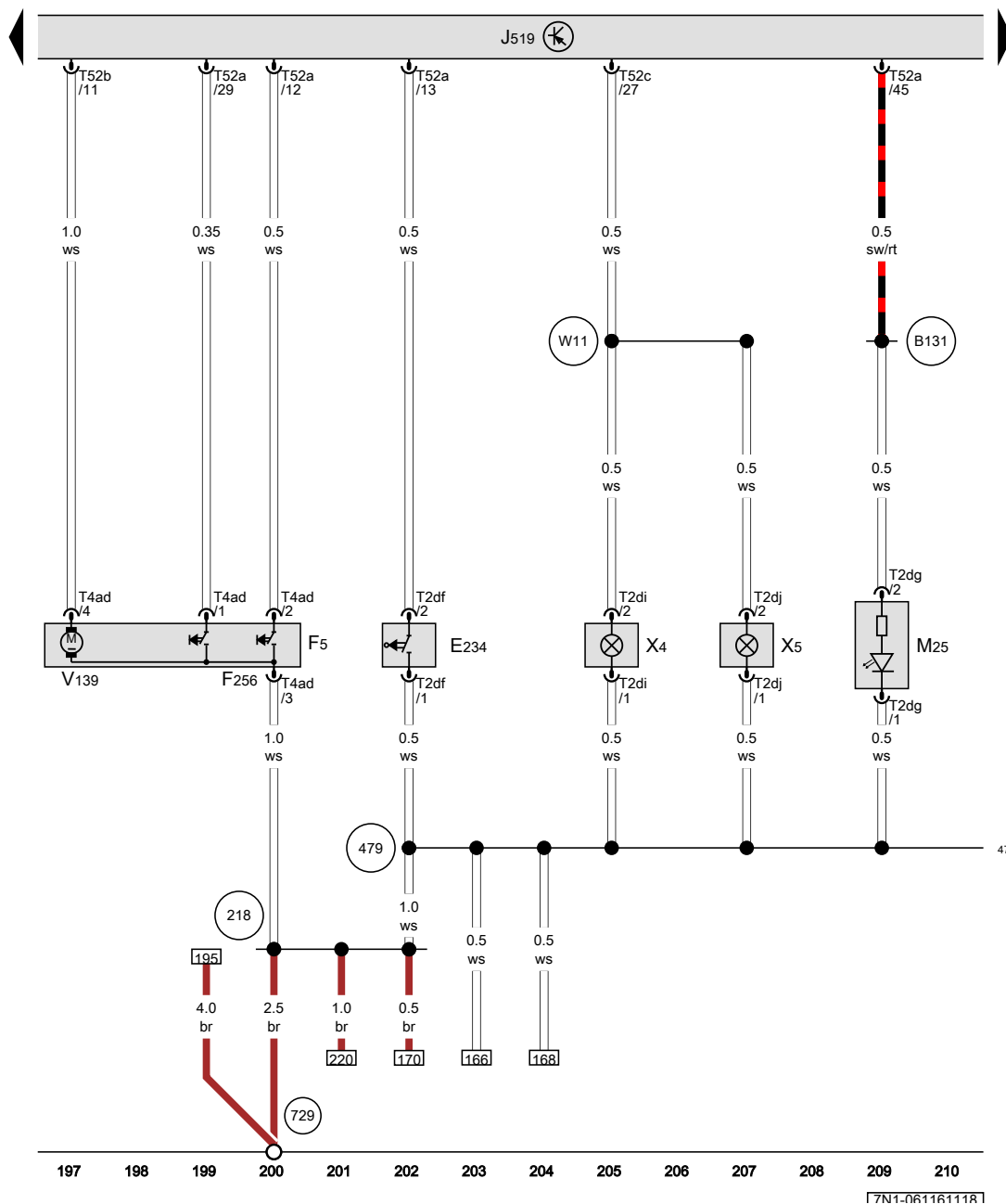
- J29 Blocking diode
- J519 Onboard supply control unit
- SC30 Fuse 30 on fuse holder C
- T2au 2-pin connector
- T2av 2-pin connector
- T3p 3-pin connector
- T3t 3-pin connector
- T52a 52-pin connector, black
- T52b 52-pin connector, white
- T52c 52-pin connector, brown
- U1 Cigarette lighter
- U18 12 V socket 2
- W18 Left luggage compartment light
- W35 Right luggage compartment light

- 391 Earth connection 26, in main wiring harness
- 392 Earth connection 27, in main wiring harness
- 396 Earth connection 31, in main wiring harness
- 688 Earth point 2, on centre tunnel
- 730 Earth point 1, on right rear wheel housing
- B340 Connection 1 (58d), in main wiring harness
- B342 Connection 3 (58d), in main wiring harness
- B348 Connection 1 (75a), in main wiring harness
- B349 Connection 2 (75a), in main wiring harness
- B603 Positive connection 2 (30g), in main wiring harness
- * According to equipment

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- rs = pink

Hazard warning lights button, Brake light switch, Reversing light switch, Heated rear window relay, Onboard supply control unit





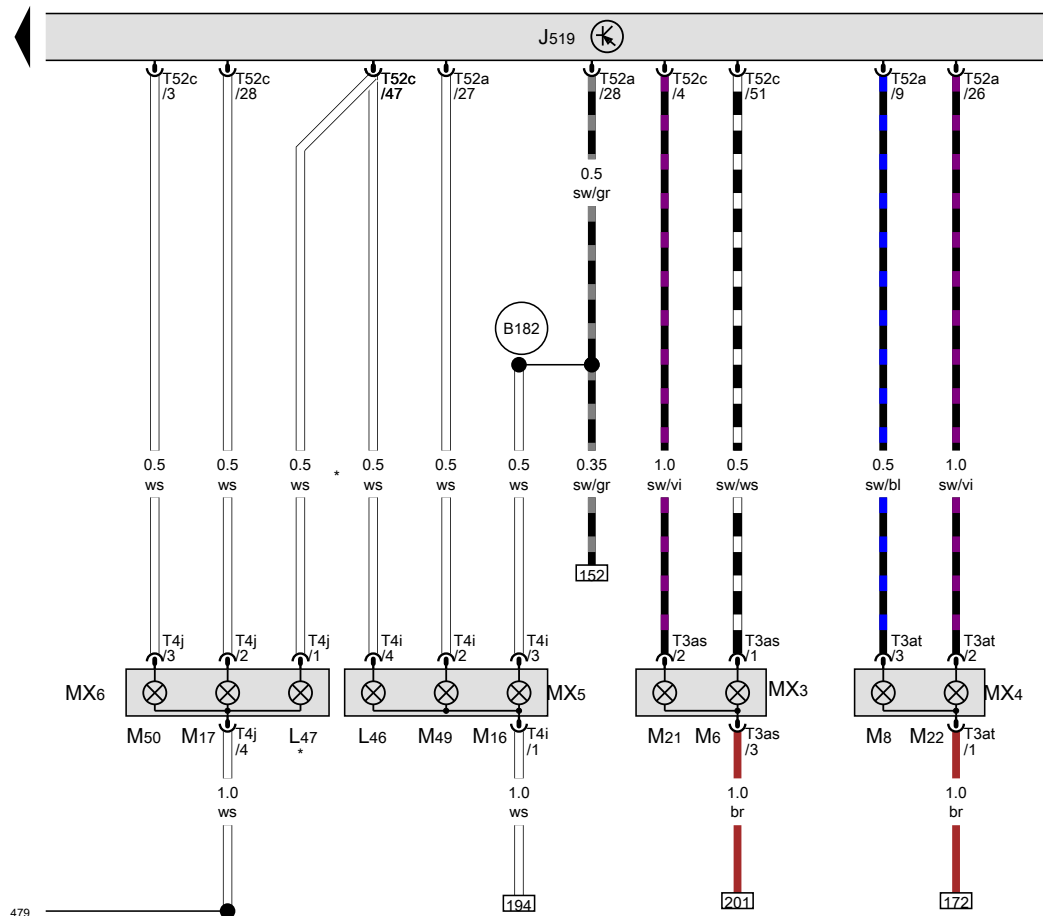
Rear lid handle release button, Luggage compartment light switch, Rear lid lock unit, Onboard supply control unit, High-level brake light bulb, Left number plate light, Right number plate light

- E234 Rear lid handle release button
- F5 Luggage compartment light switch
- F256 Rear lid lock unit
- J519 Onboard supply control unit
- M25 High-level brake light bulb
- T2df 2-pin connector
- T2dg 2-pin connector
- T2di 2-pin connector
- T2dj 2-pin connector
- T4ad 4-pin connector
- T52a 52-pin connector, black
- T52b 52-pin connector, white
- T52c 52-pin connector, brown
- V139 Rear lid release motor
- X4 Left number plate light
- X5 Right number plate light

- 218 Earth connection 1, in rear lid wiring harness
- 479 Earth connection 4, in rear lid wiring harness
- 729 Earth point, on left rear wheel housing
- B131 Connection (54), in interior wiring harness
- W11 Connection (58), in rear lid wiring harness

ws = white
 sw = black
 ro = red
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Onboard supply control unit, Left tail light cluster, Left tail light cluster 2, Right tail light cluster 2



- J519 Onboard supply control unit
- L46 Rear left fog light bulb
- L47 Rear right fog light bulb
- MX3 Left tail light cluster
- MX4 Right tail light cluster
- MX5 Left tail light cluster 2
- MX6 Right tail light cluster 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
- M49 Left tail light bulb 2
- M50 Right tail light bulb 2
- T3as 3-pin connector
- T3at 3-pin connector
- T4i 4-pin connector
- T4j 4-pin connector
- T52a 52-pin connector, black
- T52c 52-pin connector, brown

479 Earth connection 4, in rear lid wiring harness

B182 Connection (RL), in interior wiring harness

* 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

211 212 213 214 215 216 217 218 219 220 221 222 223 224

[7N1-061171118]

Driver door control unit, Front passenger door control unit,
Driver side turn signal repeater bulb, Front passenger side
turn signal repeater bulb

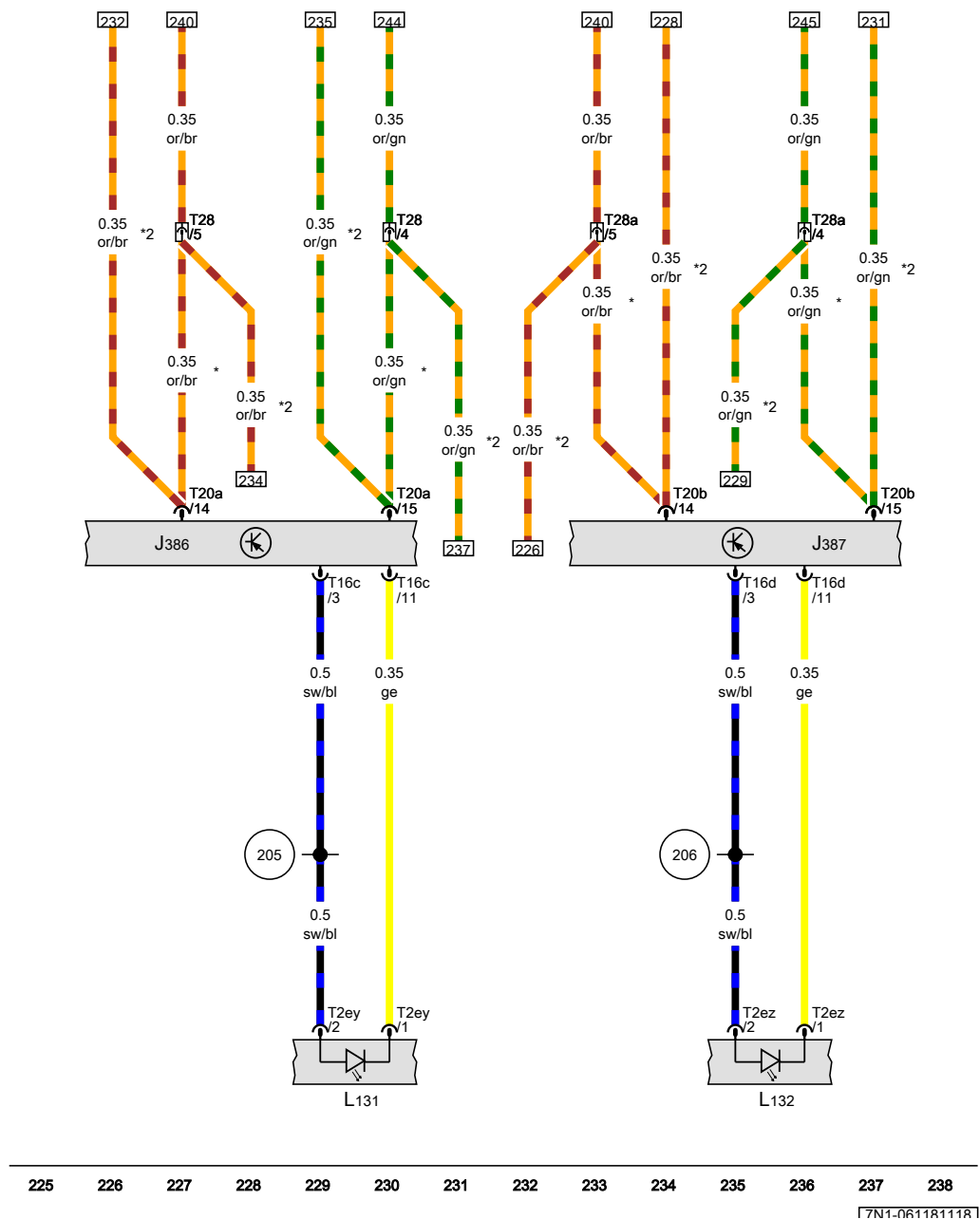
- J386 Driver door control unit
- J387 Front passenger door control unit
- L131 Driver side turn signal repeater bulb
- L132 Front passenger side turn signal repeater bulb
- T2ey 2-pin connector
- T2ez 2-pin connector
- T16c 16-pin connector
- T16d 16-pin connector
- T20a 20-pin connector
- T20b 20-pin connector
- T28 28-pin connector
- T28a 28-pin connector

205 Earth connection, in driver door wiring harness

206 Earth connection, in front passenger door wiring harness

* For left-hand drive models

*2 For right-hand drive models

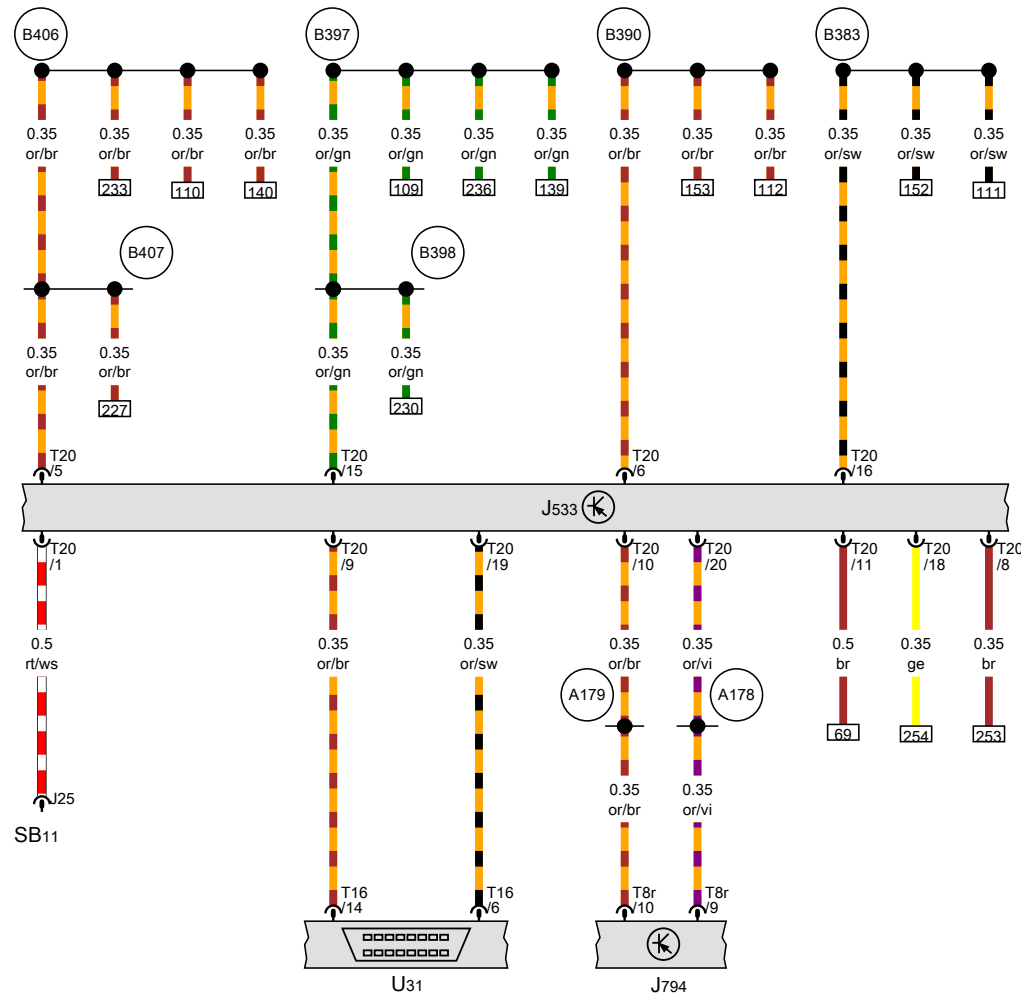


- ws = white
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Data bus diagnostic interface, Control unit 1 for information electronics, Diagnostic connection

J533 Data bus diagnostic interface
J794 Control unit 1 for information electronics
SB11 Fuse 11 on fuse holder B
T8r 8-pin connector, black
T16 16-pin connector
T20 20-pin connector
U31 Diagnostic connection

A178 Connection (infotainment CAN bus, high), in dash panel wiring harness
A179 Connection (infotainment CAN bus, low), in dash panel 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



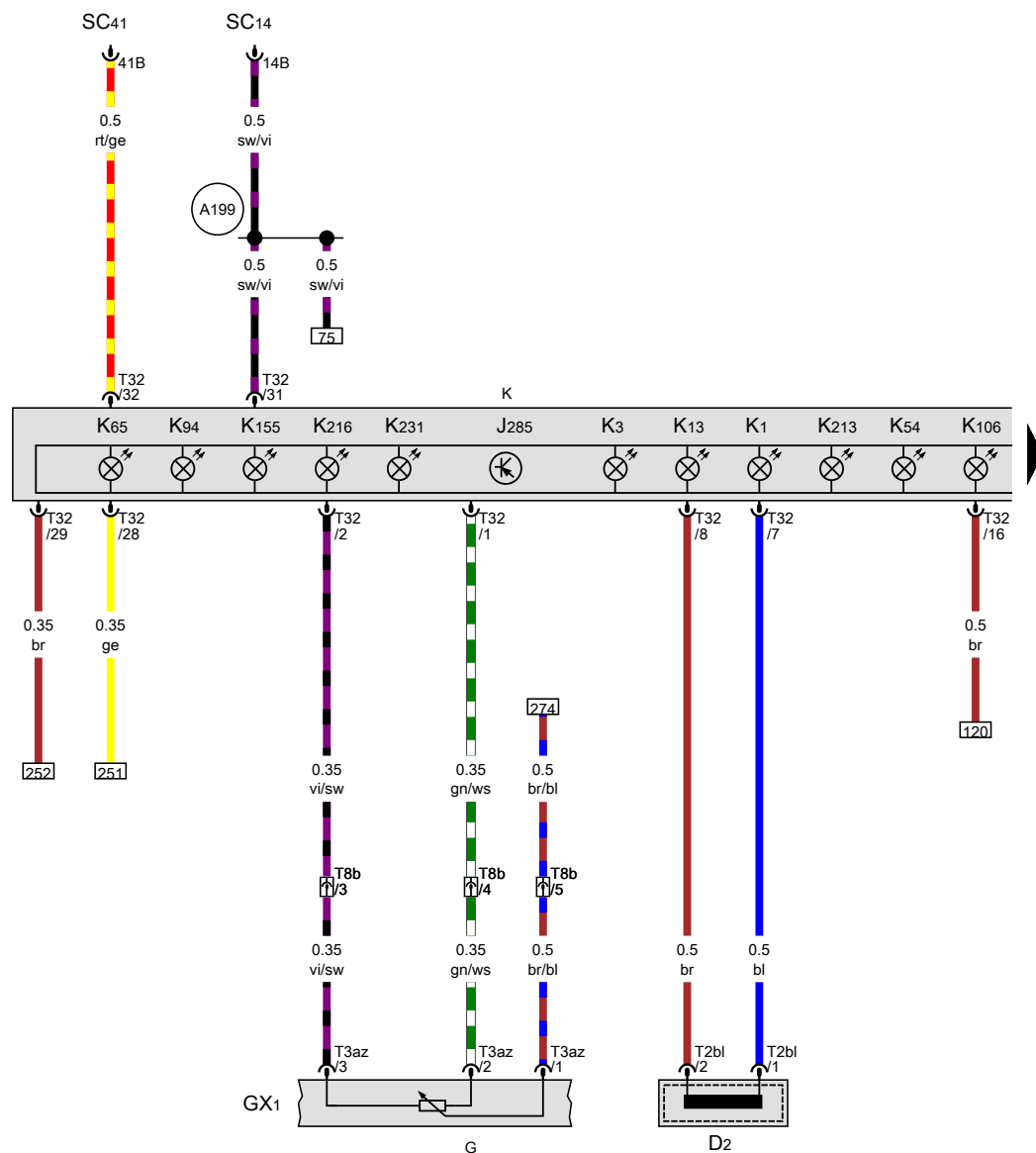
ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

239 240 241 242 243 244 245 246 247 248 249 250 251 252
[7N1-061191118]

Immobiliser reader coil, Fuel delivery unit, Dash panel insert

- D2 Immobiliser reader coil
- G Fuel gauge sender
- GX1 Fuel delivery unit
- J285 Control unit in dash panel insert
- K Dash panel insert
- K1 Main beam warning lamp
- K3 Oil pressure warning lamp
- K13 Rear fog light warning lamp
- K54 Battery charge condition warning lamp: red LED for less than 12 Volt
- K65 Left turn signal warning lamp
- K94 Right turn signal warning lamp
- K106 Washer fluid low warning lamp
- K155 Warning lamp for electronic stabilisation program and TCS
- K213 Electromechanical parking brake warning lamp
- K216 Warning lamp 2 for electronic stabilisation program and TCS
- K231 Diesel particulate filter warning lamp
- SC14 Fuse 14 on fuse holder C
- SC41 Fuse 41 on fuse holder C
- T2bl 2-pin connector
- T3az 3-pin connector
- T8b 8-pin connector
- T32 32-pin connector

A199 Positive connection 4 (15a) in dash panel wiring harness



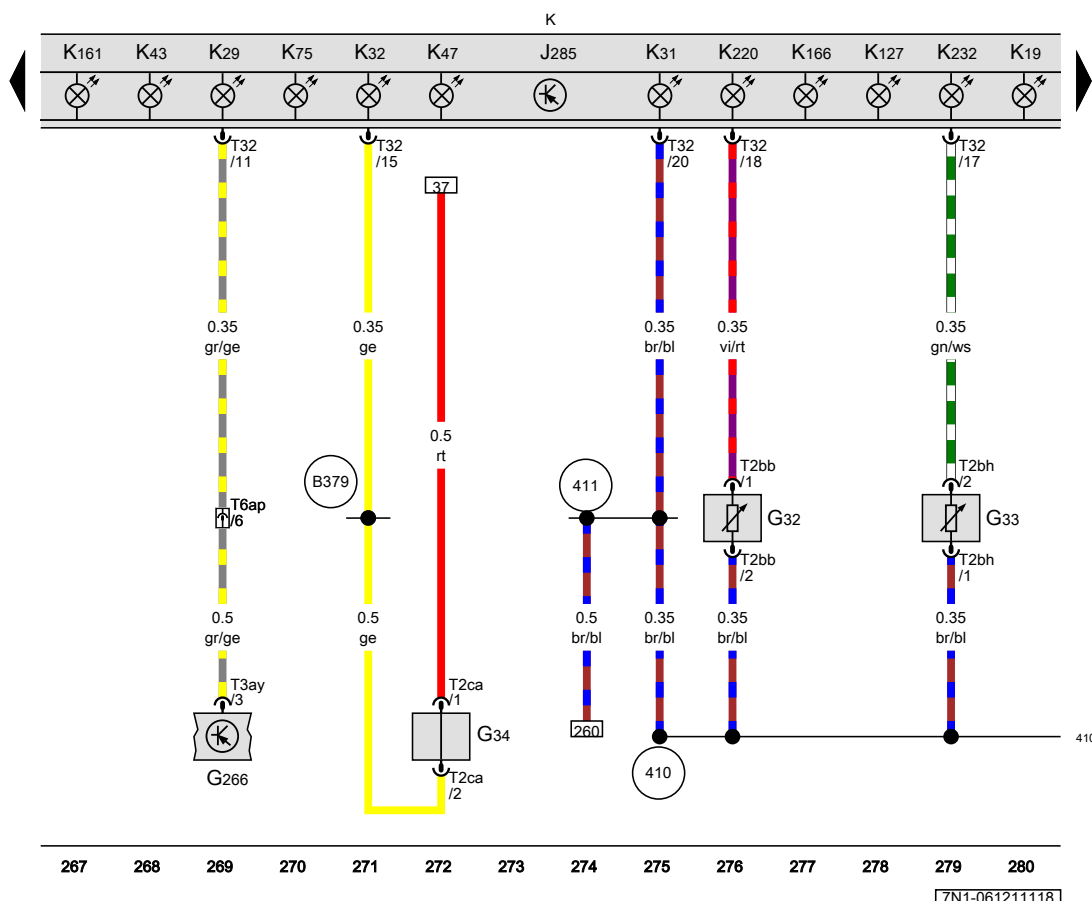
ws = white
sw = black
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Coolant shortage indicator sender, Windscreen washer fluid level sender, Front left brake pad wear sender, Oil level and oil temperature sender, Dash panel insert

- G32 Coolant shortage indicator sender
- G33 Windscreen washer fluid level sender
- G34 Front left brake pad wear sender
- G266 Oil level and oil temperature sender
- J285 Control unit in dash panel insert
- K Dash panel insert
- K19 Seat belt warning system warning lamp
- K29 Glow period warning lamp
- K31 Cruise control system warning lamp
- K32 Brake pad warning lamp
- K43 Coolant temperature warning lamp (too cold)
- K47 ABS warning lamp
- K75 Airbag warning lamp
- K127 Rear lid open warning lamp
- K161 Electromechanical power steering warning lamp
- K166 Door open warning lamp
- K220 Tyre Pressure Loss Indicator warning lamp
- K232 Lane change assist warning lamp
- T2bb 2-pin connector
- T2bh 2-pin connector
- T2ca 2-pin connector
- T3ay 3-pin connector
- T6ap 6-pin connector
- T32 32-pin connector

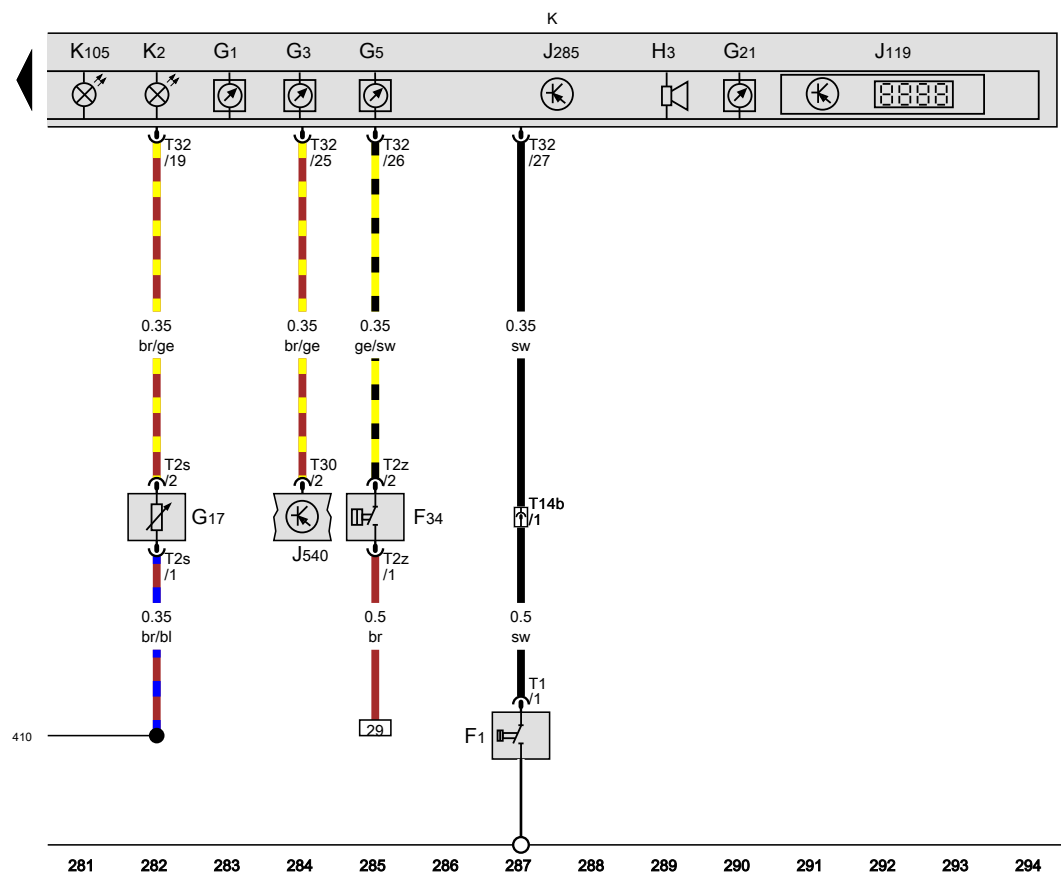
- 410 Earth connection 1 (sender earth) in main wiring harness
- 411 Earth connection 2 (sender earth) in main wiring harness
- B379 Connection 1 (brake pad wear indicator), in main wiring harness

ws = white
 sw = black
 ro = red
 rt = red
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Oil pressure switch, Brake fluid level warning contact, Ambient temperature sensor, Control unit for electromechanical parking brake, Dash panel insert

- F1 Oil pressure switch
- F34 Brake fluid level warning contact
- G1 Fuel gauge
- G3 Coolant temperature gauge
- G5 Rev. counter
- G17 Ambient temperature sensor
- G21 Speedometer
- H3 Buzzer and gong
- J119 Multifunction indicator
- J285 Control unit in dash panel insert
- J540 Control unit for electromechanical parking brake
- K Dash panel insert
- K2 Alternator warning lamp
- K105 Reserve fuel warning lamp
- T1 1-pin connector
- T2s 2-pin connector
- T2z 2-pin connector
- T14b 14-pin connector
- T30 30-pin connector
- T32 32-pin connector



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Keyless access locking and starting system

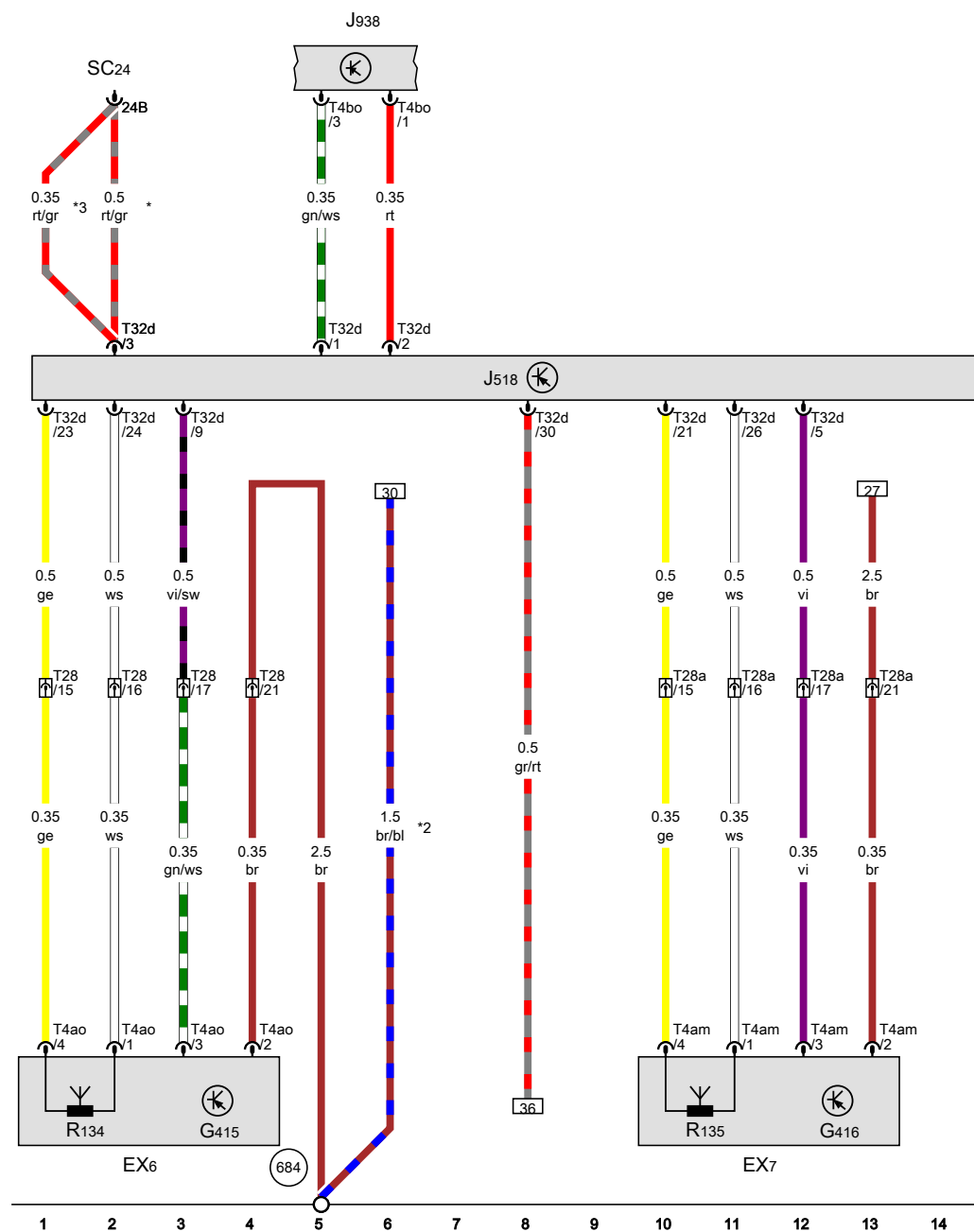
From May 2012

Driver exterior door handle, Front passenger exterior door handle, Entry and start authorisation control unit, Driver side aerial for entry and start system, Passenger side aerial for entry and start system

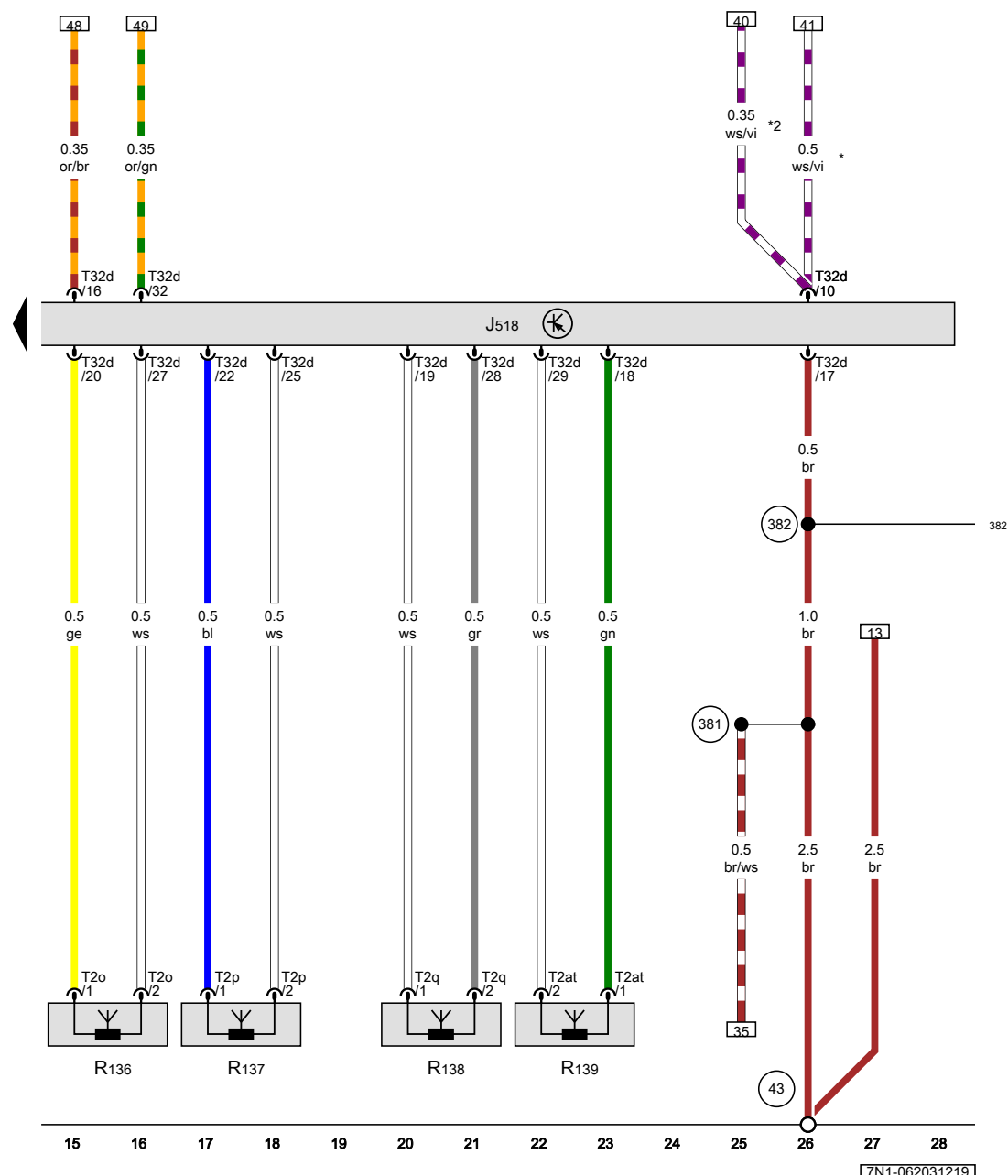
- EX6 Driver exterior door handle
- EX7 Front passenger exterior door handle
- G415 Driver exterior door handle contact sensor
- G416 Front passenger exterior door handle contact sensor
- J518 Entry and start authorisation control unit
- J938 Rear lid power opening control unit
- R134 Driver side aerial for entry and start system
- R135 Passenger side aerial for entry and start system
- SC24 Fuse 24 on fuse holder C
- T4am 4-pin connector
- T4ao 4-pin connector
- T4bo 4-pin connector, black
- T28 28-pin connector
- T28a 28-pin connector
- T32d 32-pin connector

684 Earth point on front of left side member

- * Up to May 2016
- *2 Up to November 2018
- *3 From May 2016



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- or = orange
- rs = pink

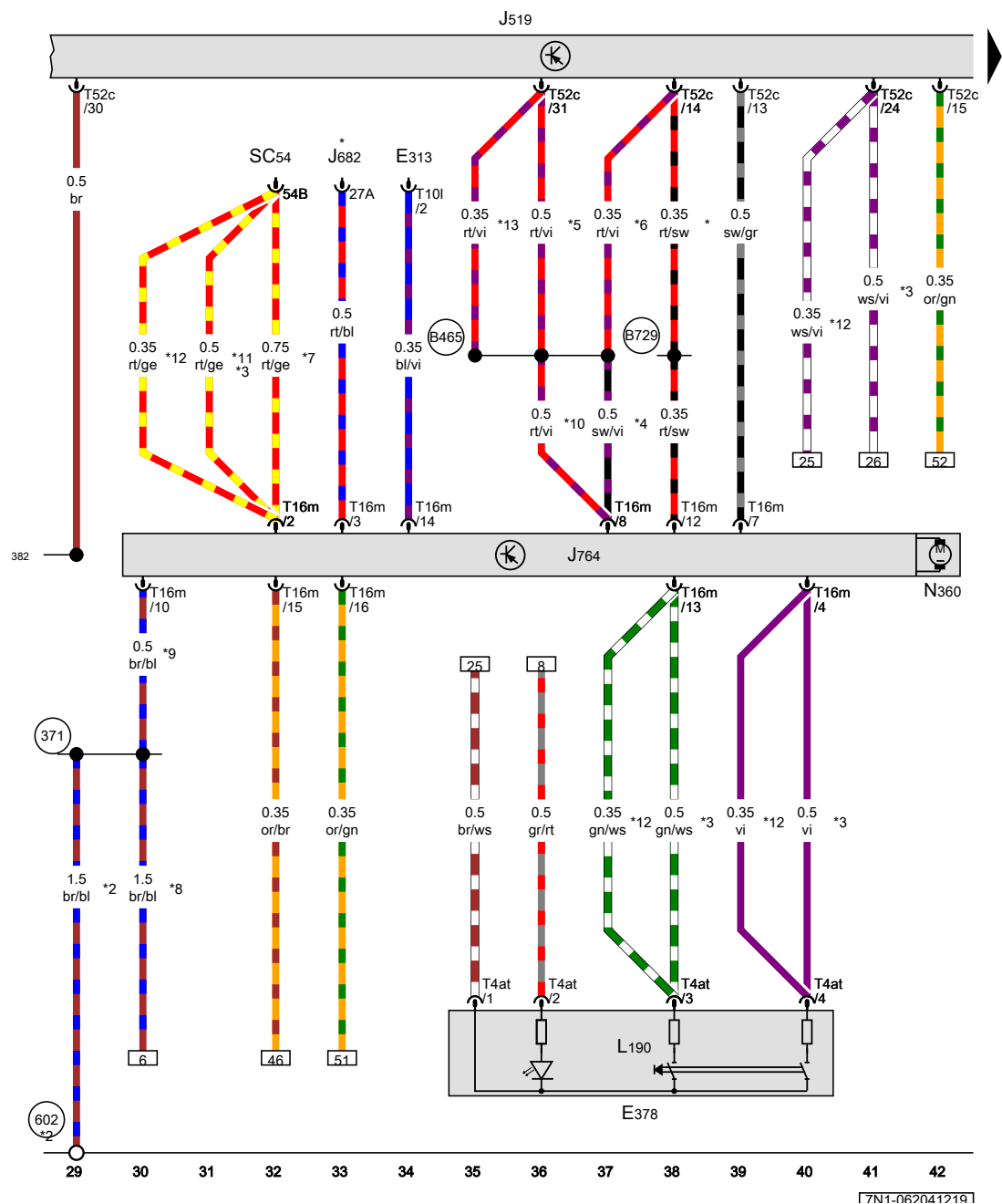


Entry and start authorisation control unit, Rear bumper aerial for entry and start system, Luggage compartment aerial for entry and start system, Interior aerial 1 for entry and start system, Interior aerial 2 for entry and start system

- 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
- T2at 2-pin connector
- T2o 2-pin connector
- T2p 2-pin connector
- T2q 2-pin connector
- T32d 32-pin connector

- 43 Earth point, lower part of right A-pillar
- 381 Earth connection 16, in main wiring harness
- 382 Earth connection 17, in main wiring harness
- * Up to May 2017
- *2 From May 2017

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- br = brown
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- vi = purple
- ge = yellow
- or = orange
- rs = pink

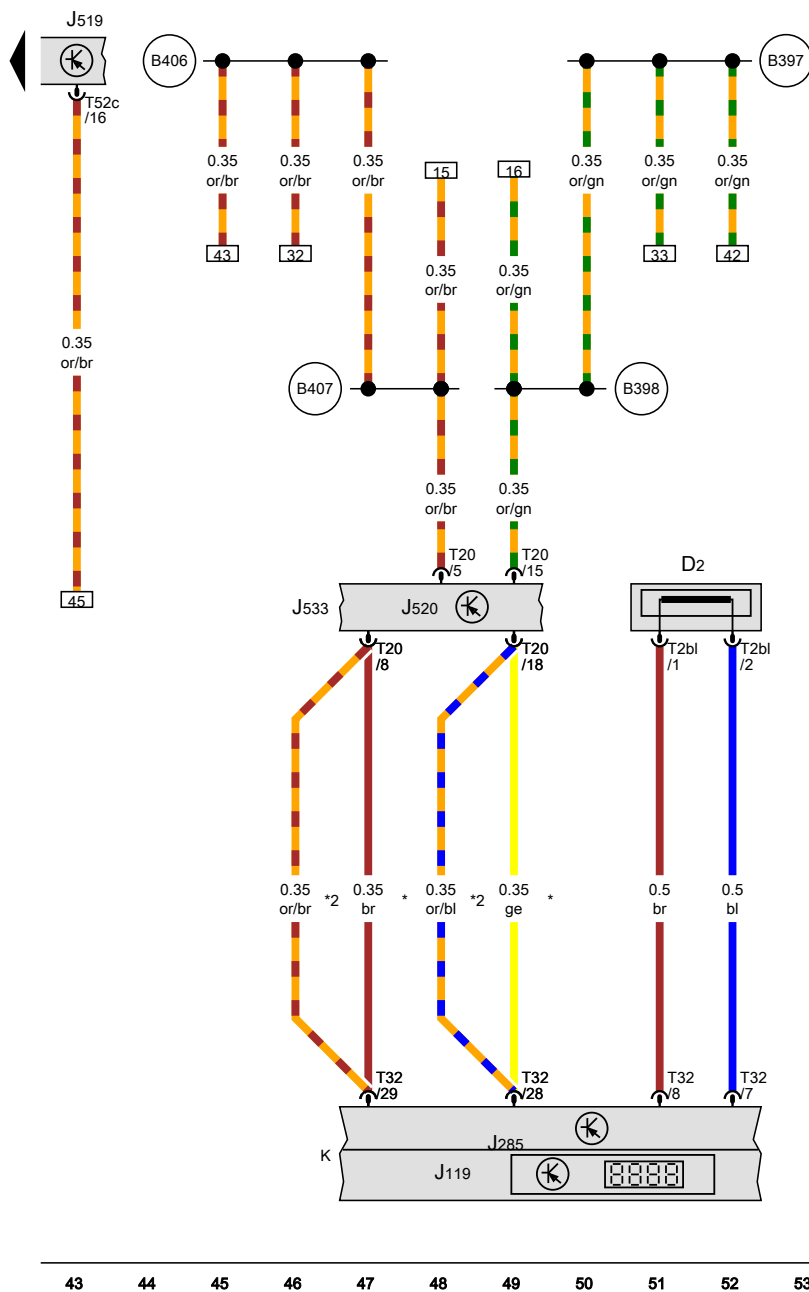


Starter button, Onboard supply control unit, Control unit for electronic steering column lock

- E313 Selector lever
- E378 Starter button
- J519 Onboard supply control unit
- J682 Terminal 50 voltage supply relay
- J764 Control unit for electronic steering column lock
- L190 Ignition and starter button illumination bulb
- N360 Steering column lock control element
- SC54 Fuse 54 on fuse holder C
- T4at 4-pin connector
- T10l 10-pin connector
- T16m 16-pin connector
- T52c 52-pin connector

- 371 Earth connection 6, in main wiring harness
- 382 Earth connection 17, in main wiring harness
- 602 Earth point, in front left footwell
- B465 Connection 1, in main wiring harness
- B729 Connection 1 (50), in main wiring harness
- * For models with no start/stop system
- *2 From November 2018
- *3 Up to May 2017
- *4 Up to October 2012
- *5 Up to November 2017
- *6 For models with start/stop system
- *7 Up to May 2016
- *8 Up to November 2018
- *9 From May 2011
- *10 From November 2012
- *11 From May 2016
- *12 From May 2017
- *13 From November 2017

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = violet
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 or = orange
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Immobiliser reader coil, Control unit in dash panel insert, Onboard supply control unit, Data bus diagnostic interface

- D2 Immobiliser reader coil
- J119 Multifunction indicator
- J285 Control unit in dash panel insert
- J519 Onboard supply control unit
- J520 Onboard supply control unit 2
- J533 Data bus diagnostic interface
- K Dash panel insert
- T2bl 2-pin connector
- T20 20-pin connector
- T32 32-pin connector
- T52c 52-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

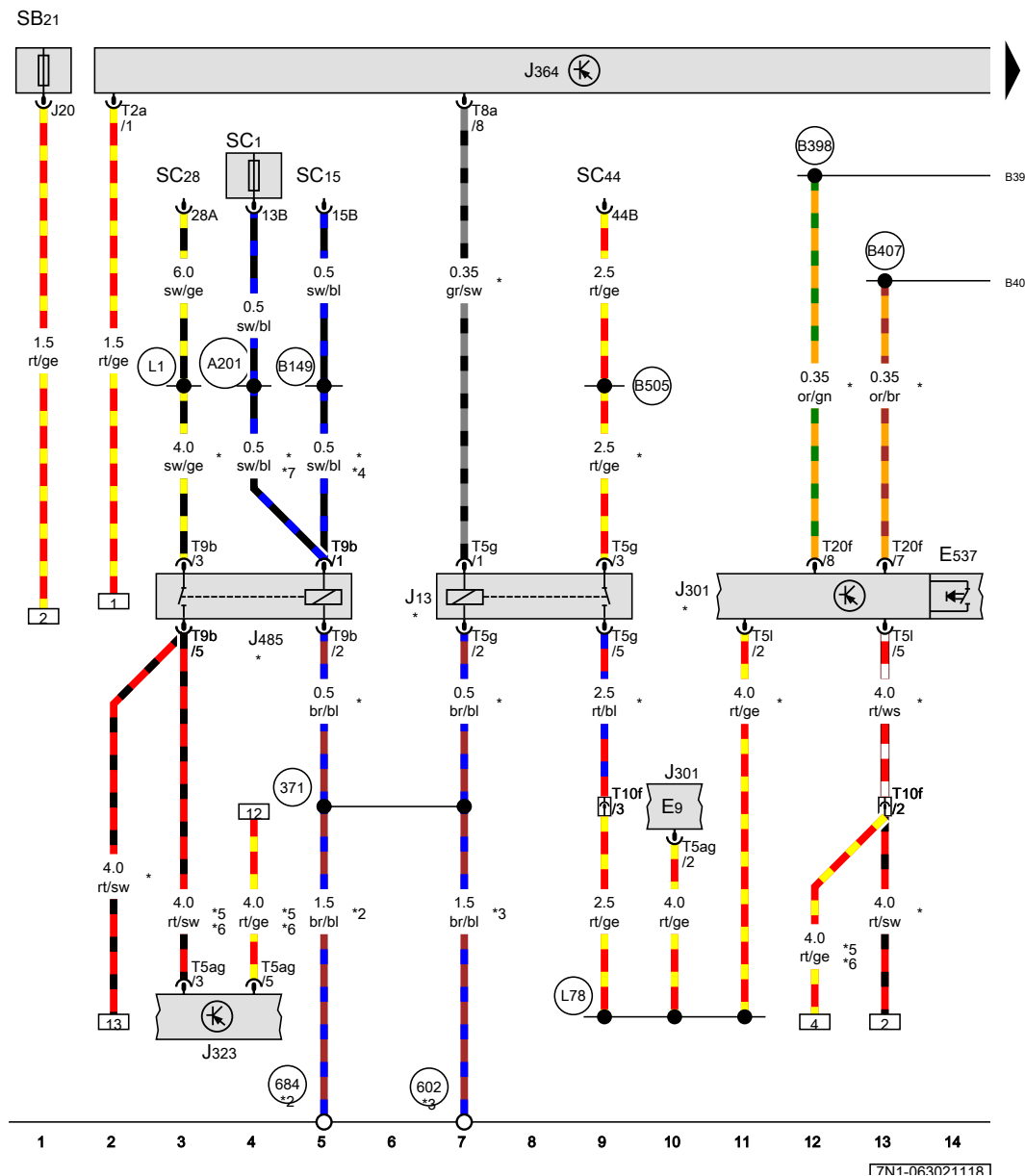
- * Up to May 2016
- *2 From May 2016

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

Auxiliary heater

From May 2012

Fresh air blower relay, Auxiliary heater control unit, Auxiliary heater operation relay

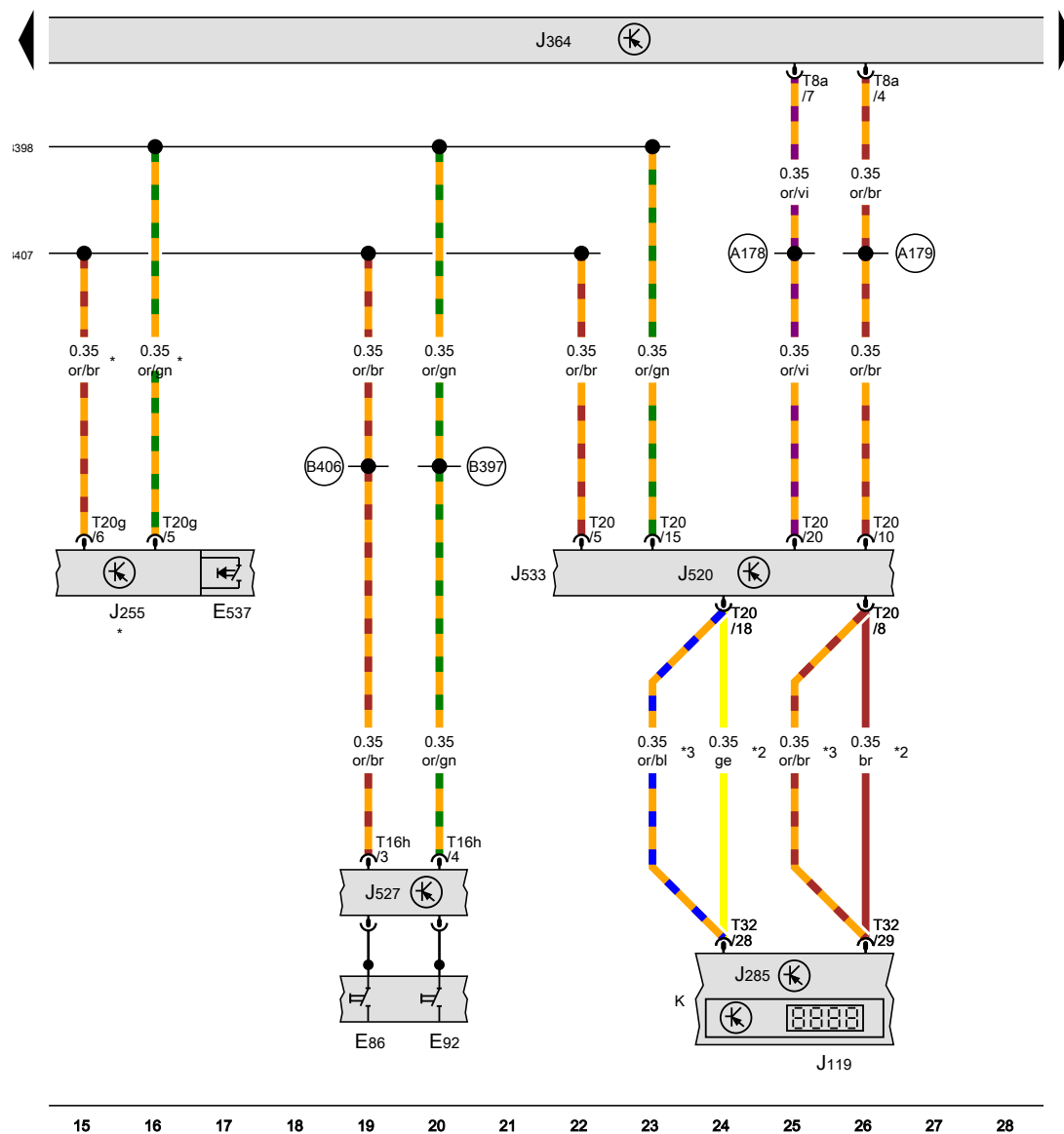


ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange

- E9 Fresh air blower switch
- E537 Instant heating button
- J13 Fresh air blower relay
- J301 Air conditioning system control unit
- J323 Blower relay
- J364 Auxiliary heater control unit
- J485 Auxiliary heater operation relay
- SC1 Fuse 1 on fuse holder C
- SC15 Fuse 15 on fuse holder C
- SB21 Fuse 21 on fuse holder B
- SC28 Fuse 28 on fuse holder C
- SC44 Fuse 44 on fuse holder C
- T2a 2-pin connector
- T5ag 5-pin connector
- T5g 5-pin connector
- T5l 5-pin connector
- T8a 8-pin connector
- T9b 9-pin connector
- T10f 10-pin connector
- T20f 20-pin connector

- 371 Earth connection 6, in main wiring harness
- 602 Earth point, in front left footwell
- 684 Earth point on front of left side member
- A201 Positive connection 6 (15a) in dash panel wiring harness
- B149 Positive connection 2 (15a), in interior wiring harness
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness
- B505 Positive connection 9 (30a), in interior wiring harness
- L1 Positive connection (75), in air conditioning system wiring harness
- L78 Connection 1, in fresh air blower wiring harness

- * For models with air conditioning system
- *2 Up to November 2018
- *3 From November 2018
- *4 Up to November 2016
- *5 From May 2016
- *6 For models with refrigerant R1234yf



Auxiliary heater control unit

- E86 Multifunction display call-up button
- E92 Reset button
- E537 Instant heating button
- J119 Multifunction indicator
- J255 Climatronic control unit
- J285 Control unit in dash panel insert
- J364 Auxiliary heater control unit
- J520 Onboard supply control unit 2
- J527 Steering column electronics control unit
- J533 Data bus diagnostic interface
- K Dash panel insert
- T8a 8-pin connector
- T16h 16-pin connector
- T20 20-pin connector
- T20g 20-pin connector
- T32 32-pin connector

- A178 Connection (infotainment CAN bus, high), in dash panel wiring harness
- A179 Connection (infotainment CAN bus, low), in dash panel 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 Climatronic
- *2 Up to May 2016
- *3 From May 2016

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- gn = green
- bl = blue
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- vi = purple
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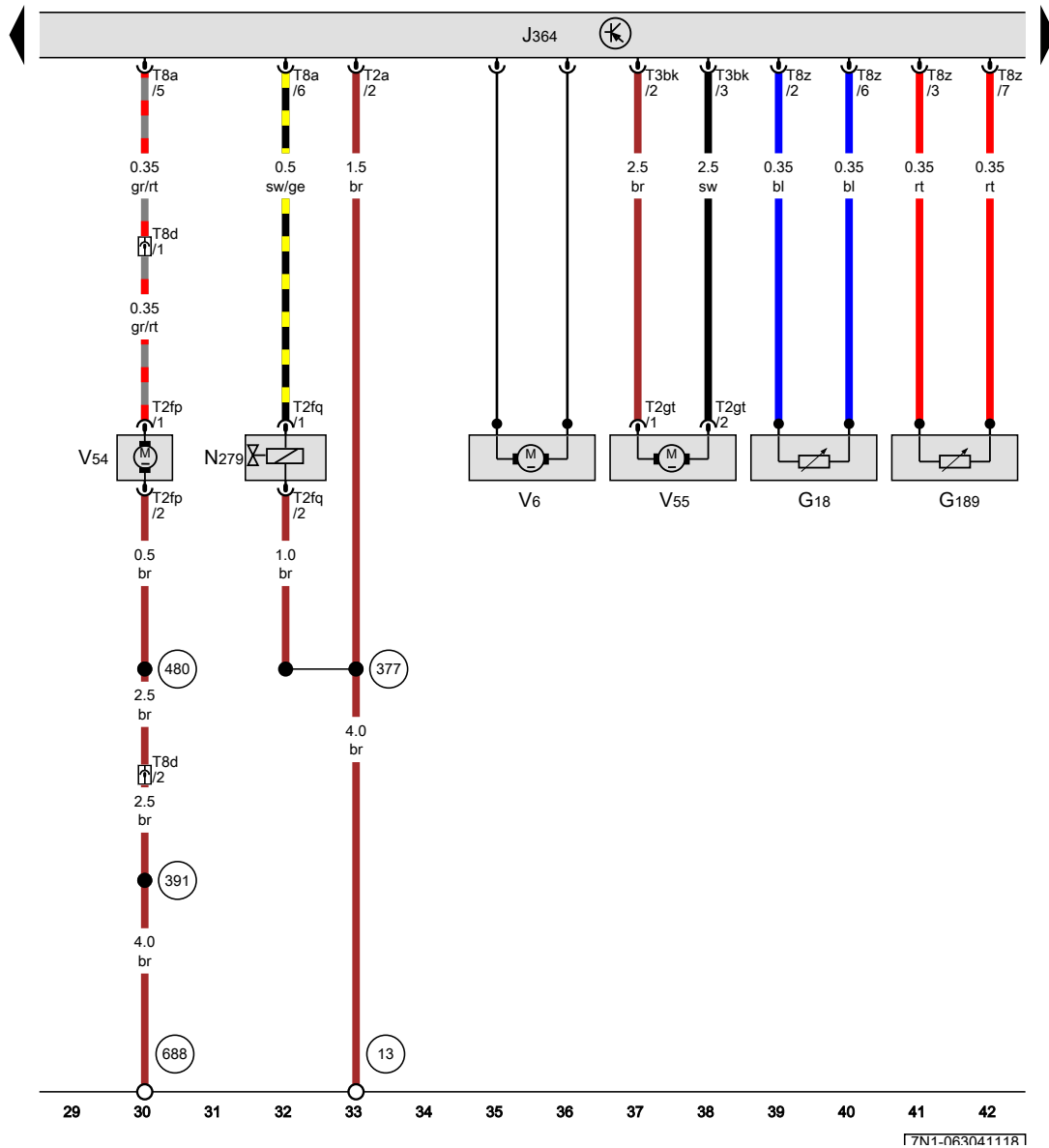
17N1-0630311181

Temperature sensor, Overheating sensor, Auxiliary heater control unit, Combustion air blower, Circulation pump

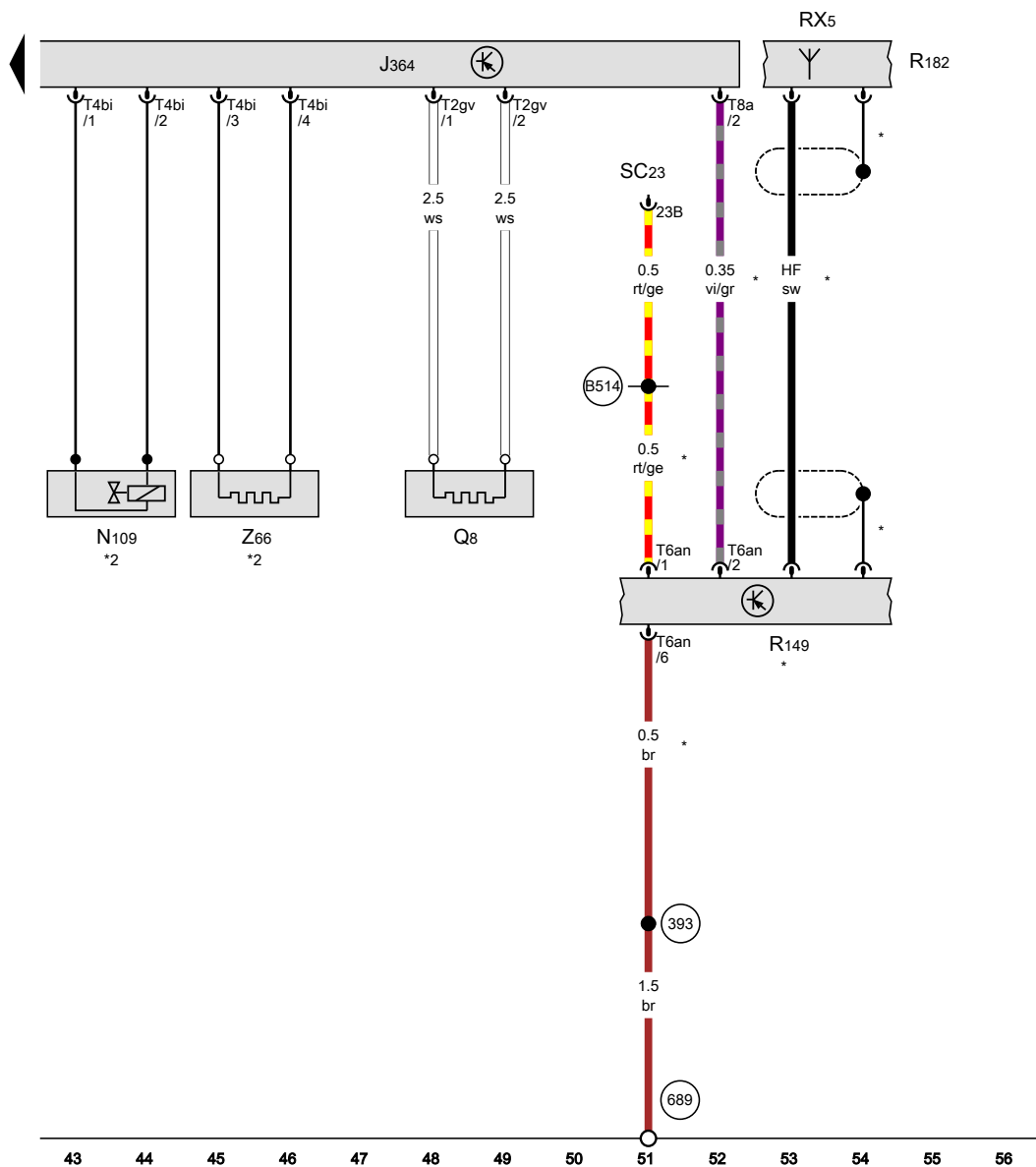
- | | |
|------|-------------------------------|
| G18 | Temperature sensor |
| G189 | Overheating sensor |
| J364 | Auxiliary heater control unit |
| N279 | Heater coolant shut-off valve |
| T2a | 2-pin connector |
| T2fp | 2-pin connector |
| T2fq | 2-pin connector |
| T2gt | 2-pin connector |
| T3bk | 3-pin connector |
| T8a | 8-pin connector |
| T8d | 8-pin connector |
| T8z | 8-pin connector |
| V6 | Combustion air blower |
| V54 | Metering pump |
| V55 | Circulation pump |

- 13 Earth point, on right in engine compartment
- 377 Earth connection 12, in main wiring harness
- 391 Earth connection 26, in main wiring harness
- 480 Earth connection, in fuel tank wiring harness
- 688 Earth point 2, on centre tunnel

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



Auxiliary heater control unit, Fuel shut-off valve, Glow plug with flame monitor, Roof aerial, Remote control receiver for auxiliary coolant heater, Fuel pre-heating heater element



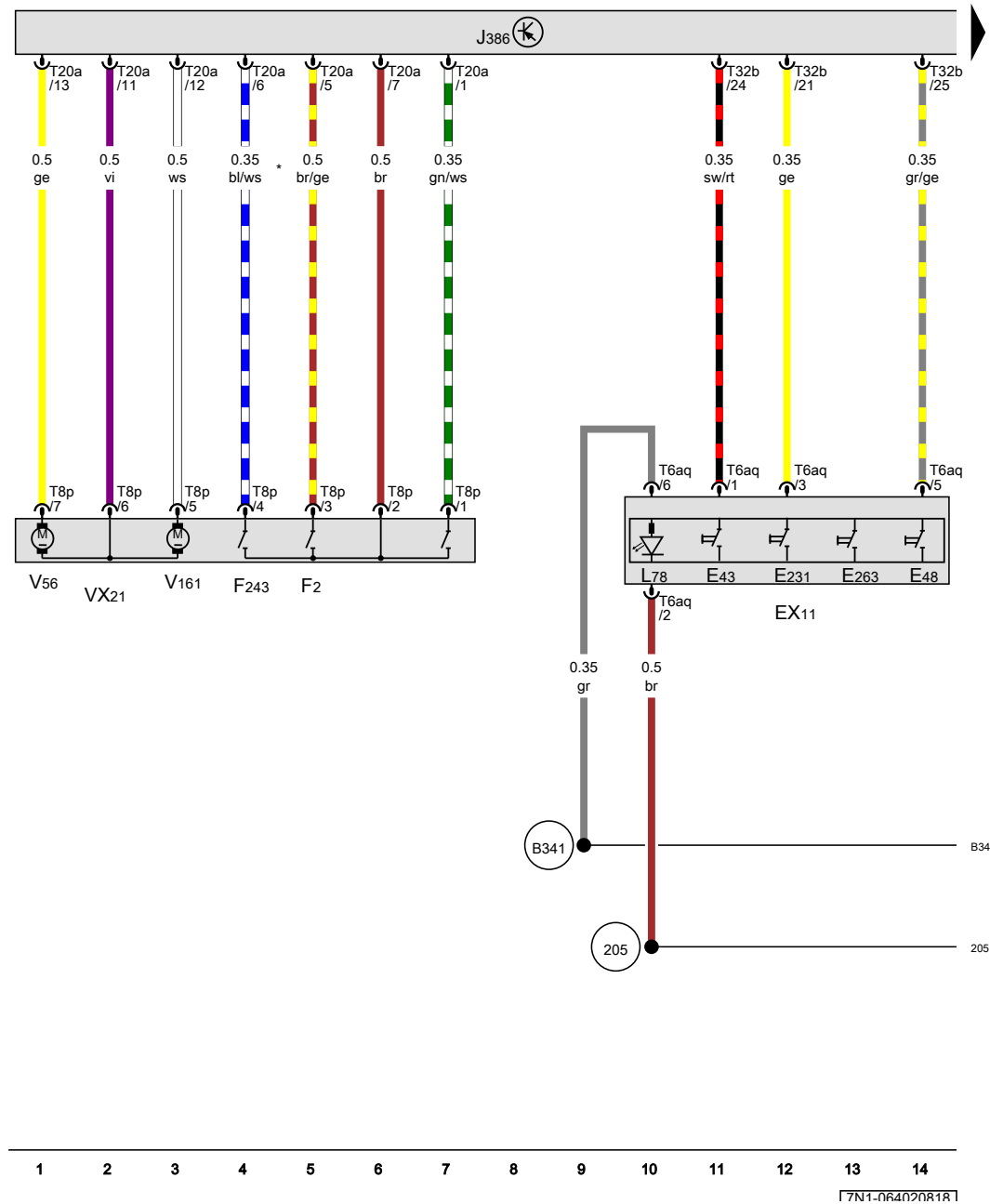
- J364 Auxiliary heater control unit
- N109 Fuel shut-off valve
- Q8 Glow plug with flame monitor
- RX5 Roof aerial
- R149 Remote control receiver for auxiliary coolant heater
- R182 Auxiliary heater aerial
- SC23 Fuse 23 on fuse holder C
- T2gv 2-pin connector
- T4bi 4-pin connector
- T6an 6-pin connector
- T8a 8-pin connector
- Z66 Fuel pre-heating heater element
- 393 Earth connection 28, in main wiring harness
- 689 Earth point, at front, central in roof
- B514 Positive connection 10 (30a), in interior wiring harness
- * For models with remote control receiver for auxiliary heater
- *2 For models with diesel 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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Convenience system

From May 2012

Exterior mirror adjuster, Driver door control unit, Driver door lock unit



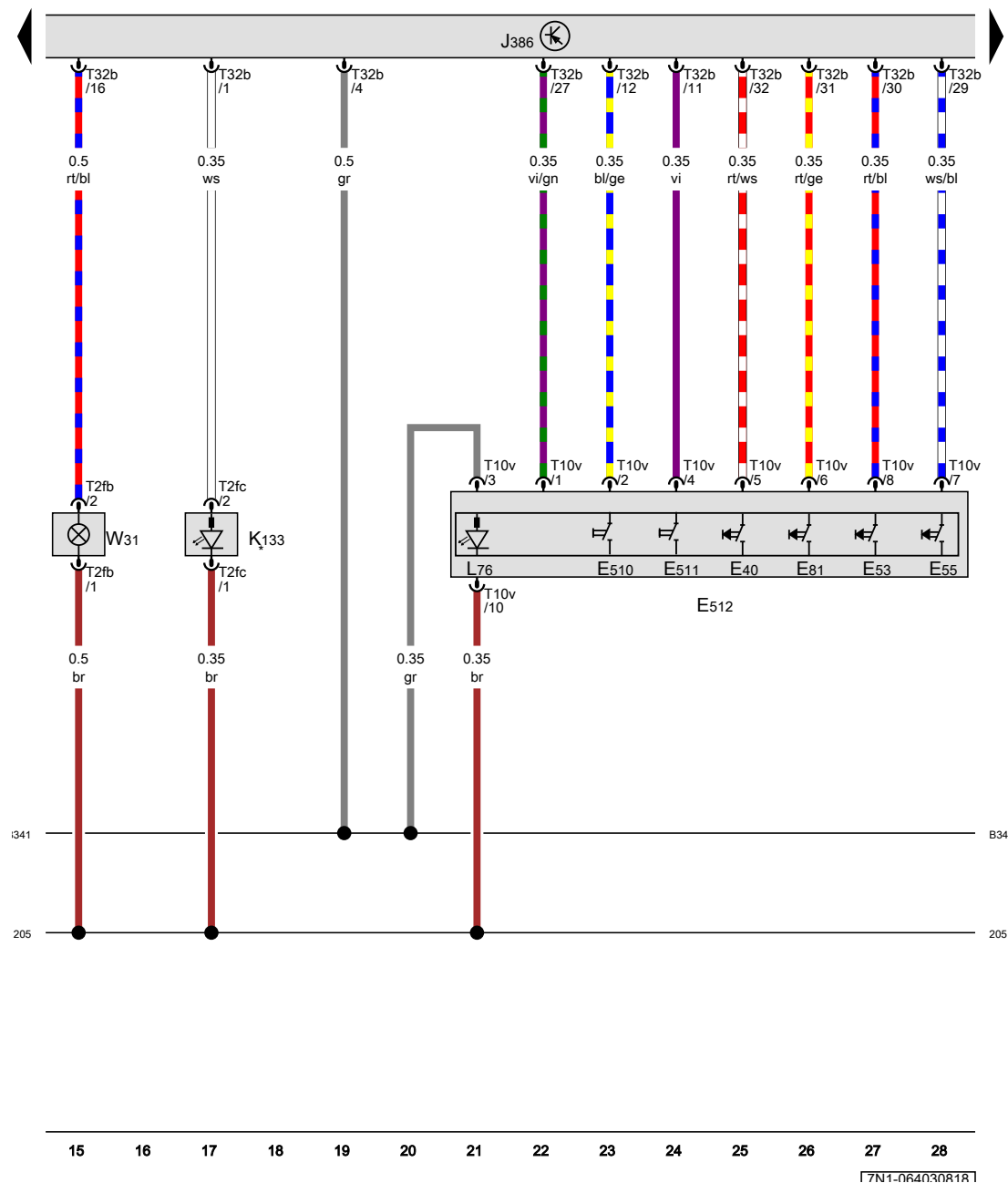
- EX11 Exterior mirror adjuster
- E43 Mirror adjustment switch
- E48 Mirror adjustment changeover switch
- E231 Exterior mirror heater button
- E263 Fold-in mirror switch
- F2 Driver door contact switch
- F243 Driver door central locking actuator for SAFELOCK function
- J386 Driver door control unit, in driver door
- L78 Mirror adjustment switch illumination bulb
- T6aq 6-pin connector
- T8p 8-pin connector
- T20a 20-pin connector
- T32b 32-pin connector
- VX21 Driver door lock unit
- V56 Driver door central locking motor
- V161 Driver door central locking SAFELOCK function motor

205 Earth connection, in driver door wiring harness

B341 Connection 2 (58d), in main wiring harness

* According to equipment

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Operating unit for window regulator in driver door, Driver door control unit

- E40 Front left window regulator switch
- E53 Rear left window regulator switch, in driver door
- E55 Rear right window regulator switch, in driver door
- E81 Front right window regulator switch in driver door
- E510 Button for left childproof lock
- E511 Button for right childproof lock
- E512 Operating unit for window regulator in driver door
- J386 Driver door control unit, in driver door
- K133 Central locking SAFELOCK function warning lamp
- L76 Button illumination bulb
- T2fb 2-pin connector
- T2fc 2-pin connector
- T10v 10-pin connector
- T32b 32-pin connector
- W31 Front left entry light

205 Earth connection, in driver door wiring harness

B341 Connection 2 (58d), in main wiring harness

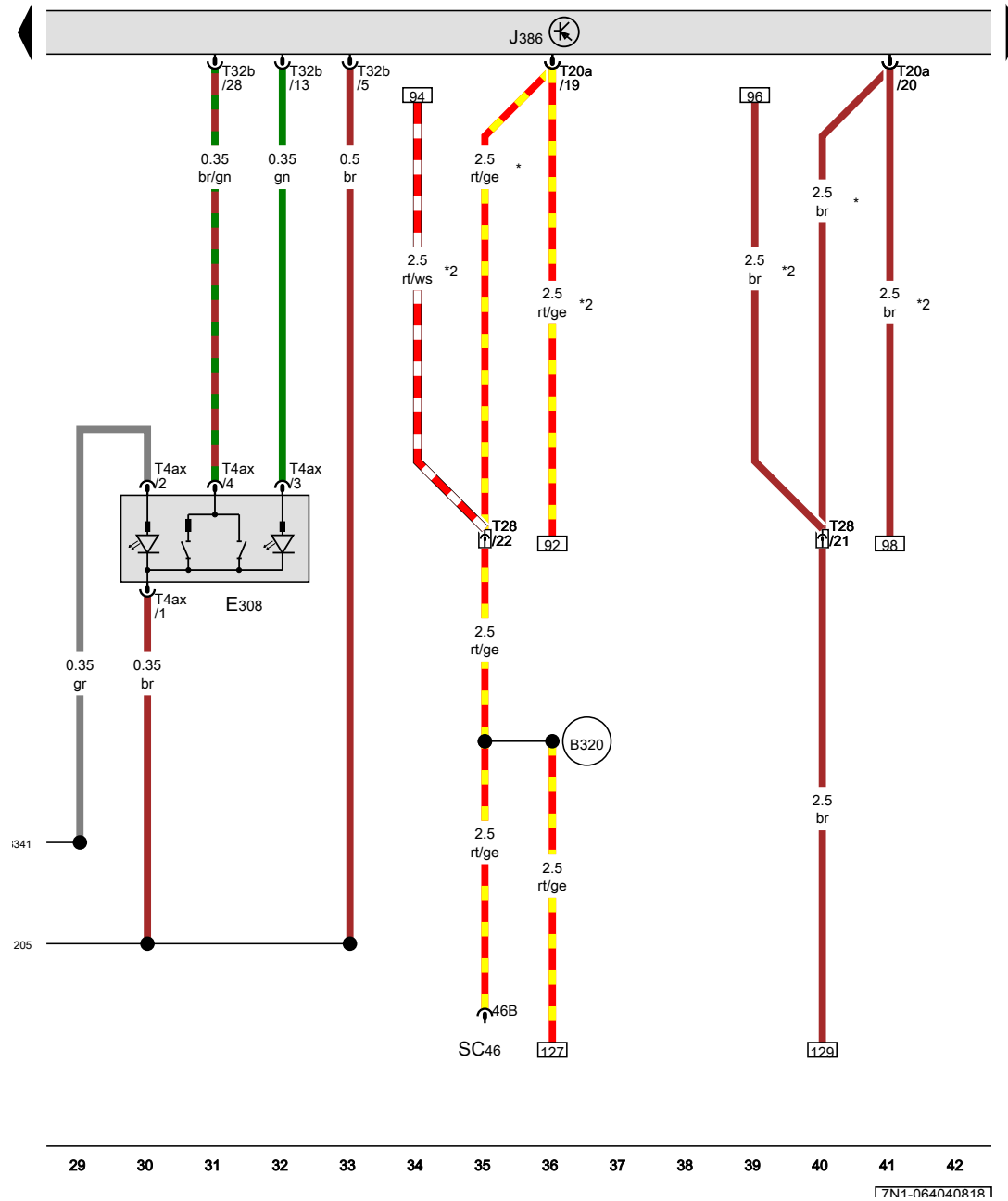
* Pre-wired component

**Driver side interior locking button for central locking system,
Driver door control unit**

- | | |
|------|--|
| E308 | Driver side interior locking button for central locking system |
| J386 | Driver door control unit, in driver door |
| SC46 | Fuse 46 on fuse holder C |
| T4ax | 4-pin connector |
| T20a | 20-pin connector |
| T28 | 28-pin connector |
| T32b | 32-pin connector |

- 205 Earth connection, in driver door wiring harness
- B320 Positive connection 6 (30a) in main wiring harness
- B341 Connection 2 (58d), in main wiring harness

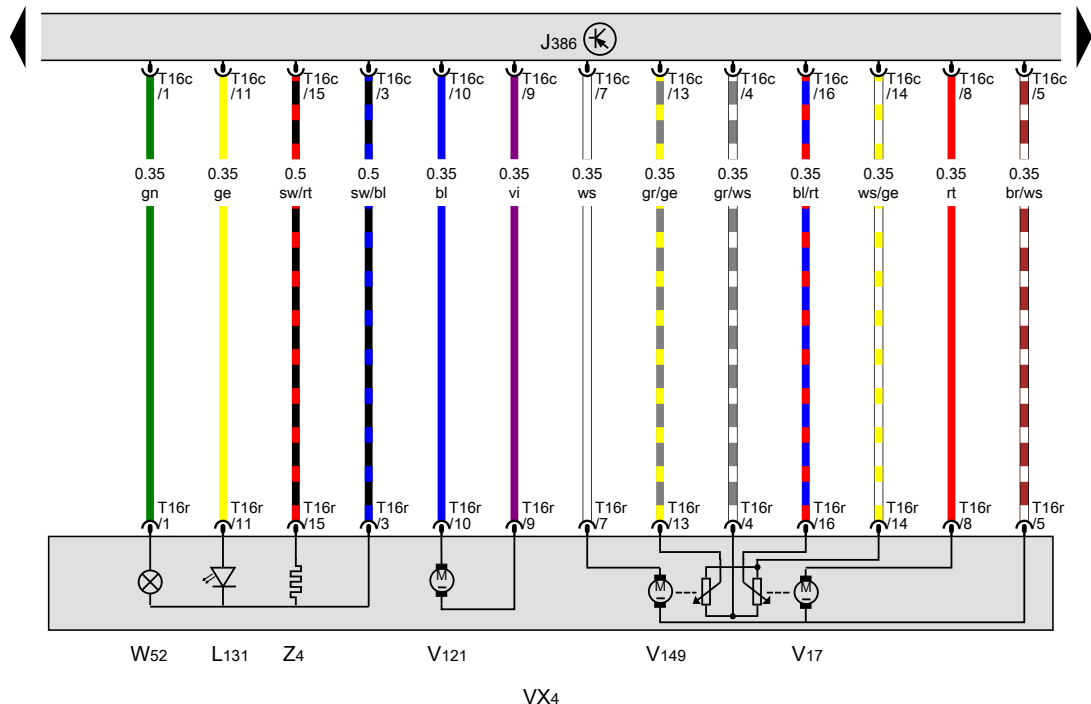
* For left-hand drive models
*2 For right-hand drive models



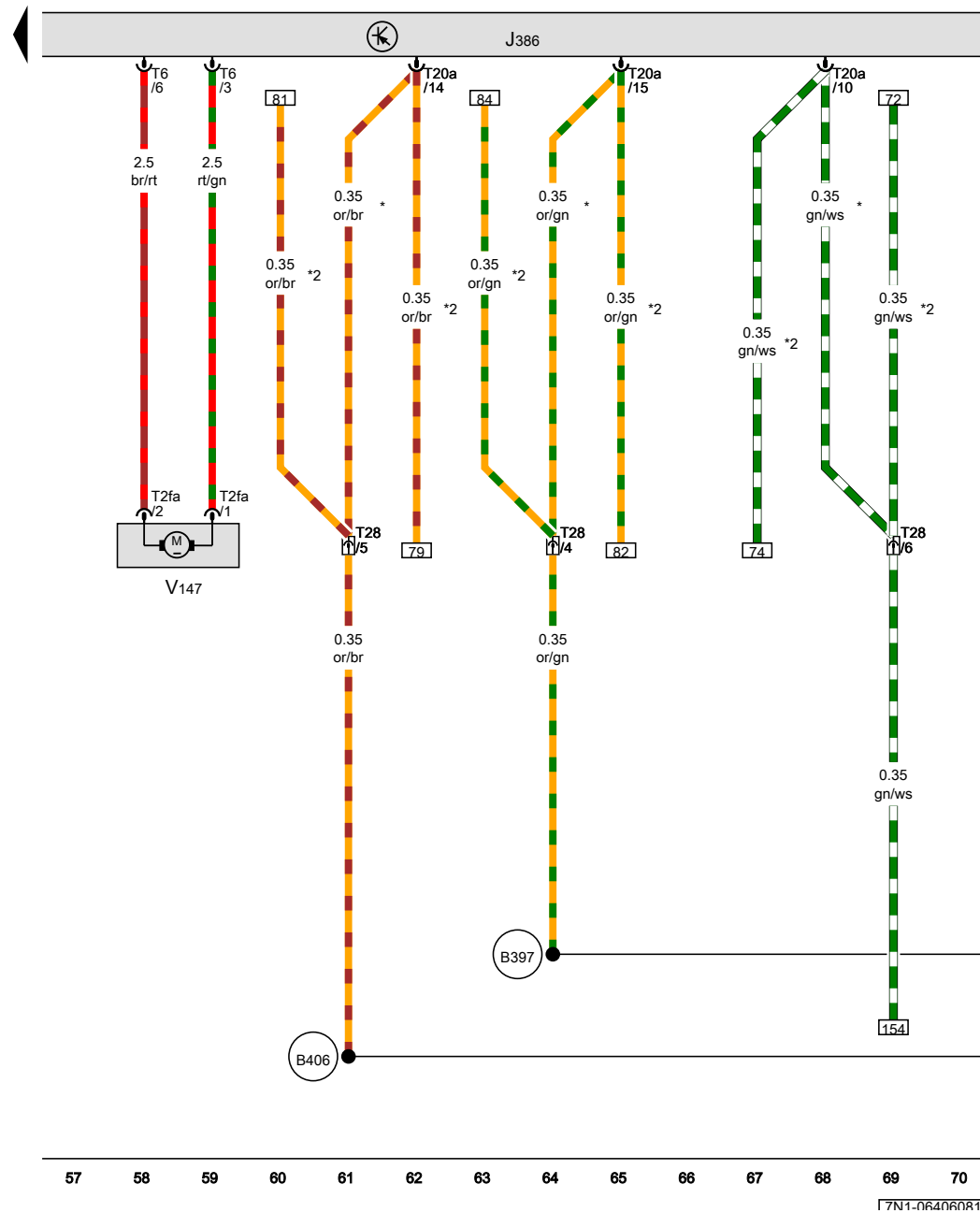
ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink

Driver door control unit, Driver side exterior mirror

- J386 Driver door control unit, in driver door
- L131 Driver side turn signal repeater bulb
- T16c 16-pin connector
- T16r 16-pin connector
- VX4 Driver side exterior mirror
- V17 Driver side mirror adjustment motor 2
- V121 Driver side fold-in mirror motor
- V149 Driver side mirror adjustment motor
- W52 Entry light in exterior mirror, driver side
- Z4 Heated exterior mirror on driver side



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Driver door control unit

J386 Driver door control unit, in driver door

T2fa 2-pin connector

T6 6-pin connector

T20a 20-pin connector

T28 28-pin connector

V147 Driver side window regulator motor

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

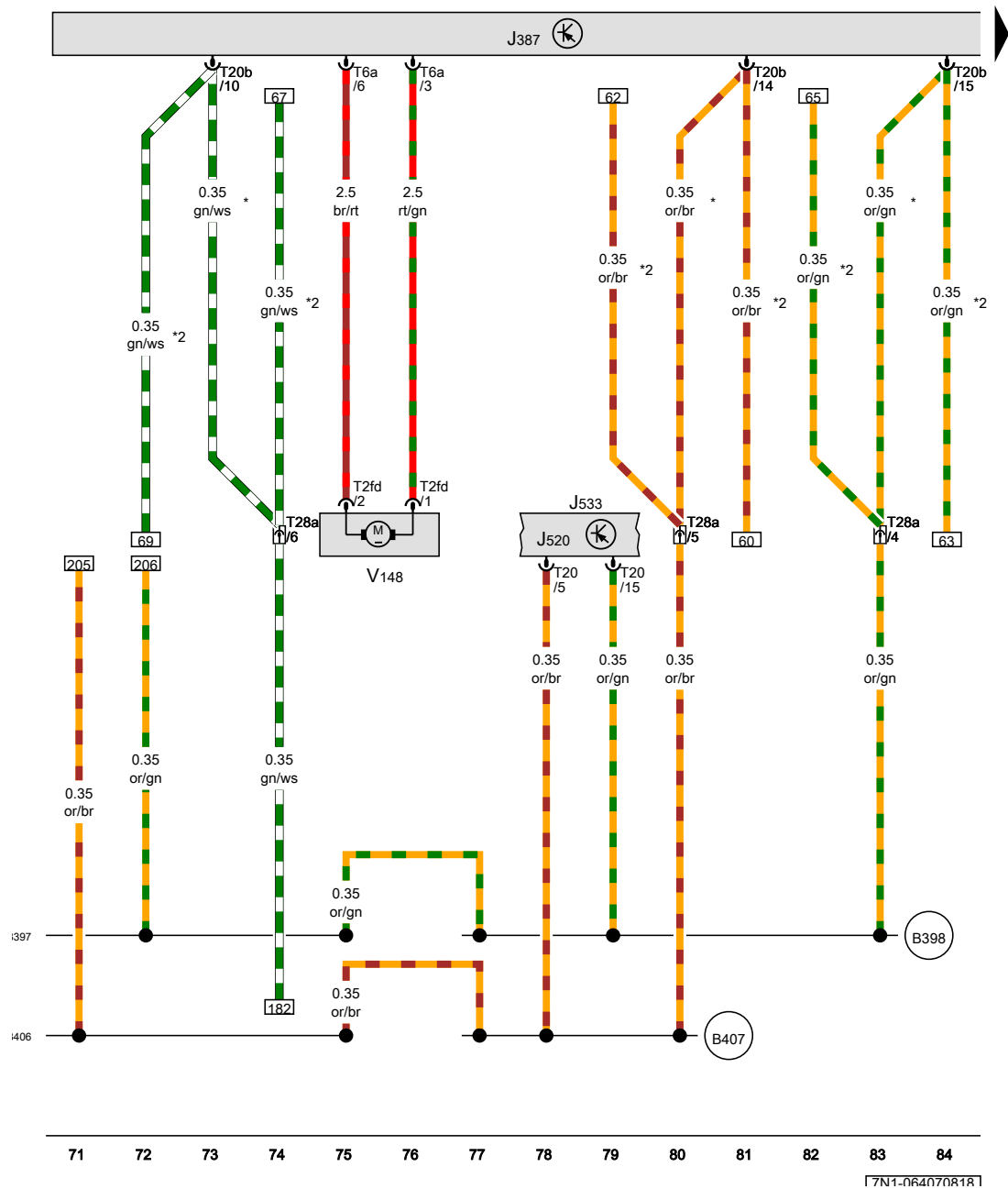
B406 Connection 1 (convenience CAN bus, low), in main wiring harness

* For left-hand drive models

*2 For right-hand drive models

ws = white
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Front passenger door control unit, Data bus diagnostic interface



- J387 Front passenger door control unit, in front passenger door
- J520 Onboard supply control unit 2
- J533 Data bus diagnostic interface
- T2fd 2-pin connector
- T6a 6-pin connector
- T20 20-pin connector
- T20b 20-pin connector
- T28a 28-pin connector, on lower section of right A-pillar
- V148 Front passenger side window regulator motor

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

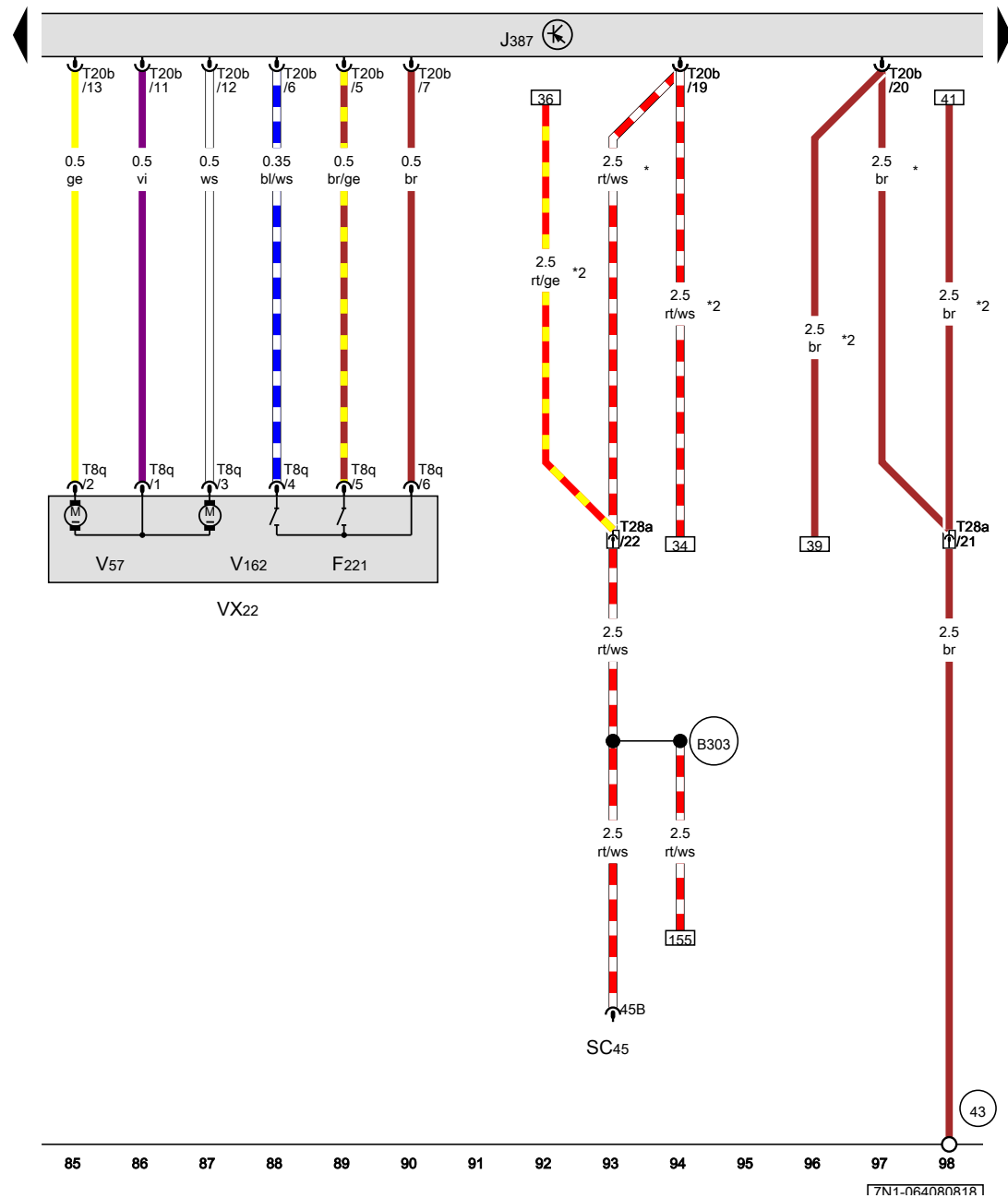
*2 For right-hand drive models

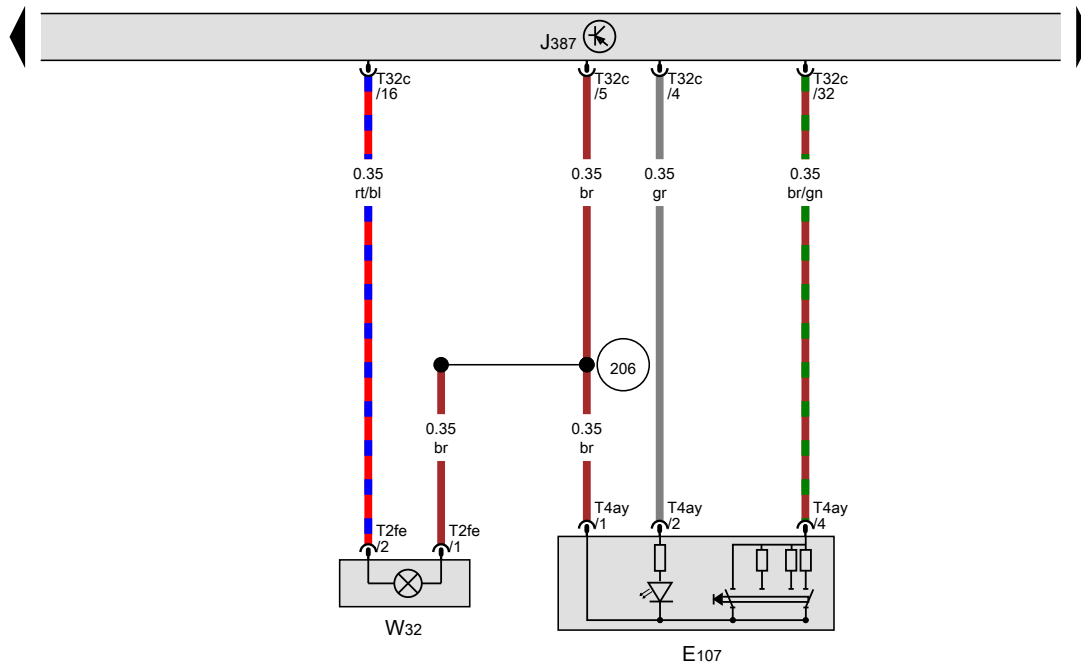
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Front passenger door control unit, Front passenger door lock unit

- F221 Front passenger side central locking lock unit
- J387 Front passenger door control unit, in front passenger door
- SC45 Fuse 45 on fuse holder C
- T8q 8-pin connector
- T20b 20-pin connector
- T28a 28-pin connector, on lower section of right A-pillar
- VX22 Front passenger door lock unit
- V57 Front passenger door central locking motor
- V162 Front passenger door central locking SAFELOCK function motor

- 43 Earth point, lower part of right A-pillar
- B303 Positive connection 7 (30), in main wiring harness
- * For left-hand drive models
- *2 For right-hand drive models



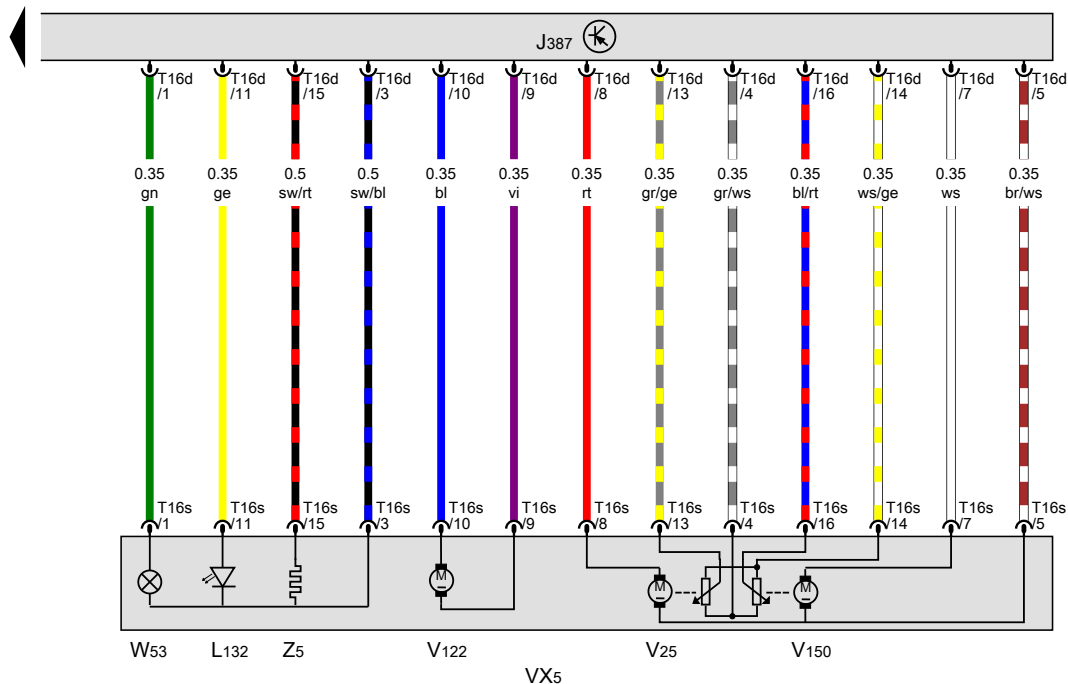


Window regulator switch in front passenger door, Front passenger door control unit

- E107 Window regulator switch in front passenger door
- J387 Front passenger door control unit, in front passenger door
- T2fe 2-pin connector
- T4ay 4-pin connector
- T32c 32-pin connector
- W32 Front right entry light
- 206 Earth connection, in front passenger door wiring harness

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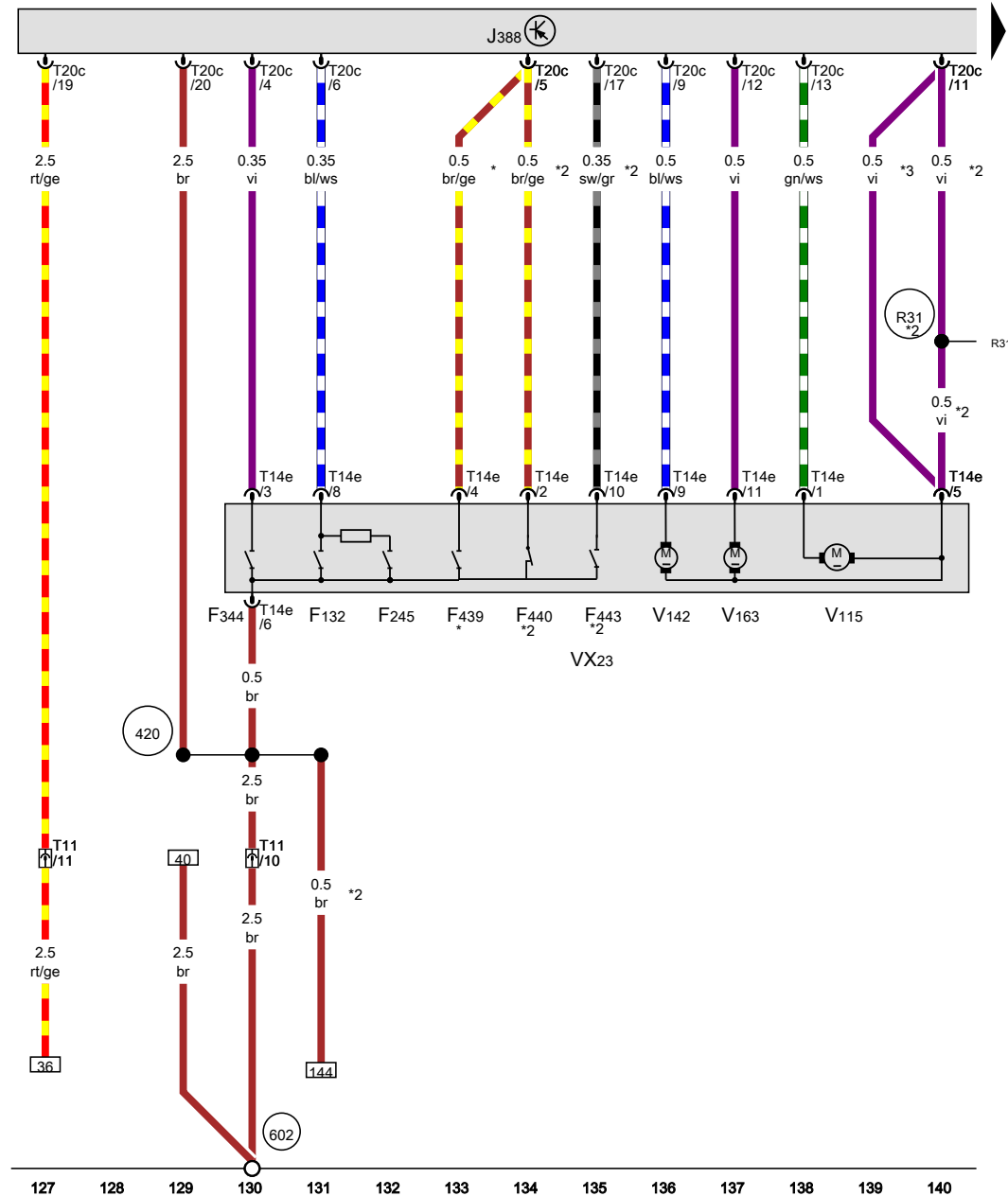
Front passenger door control unit, Passenger side exterior mirror



- J387 Front passenger door control unit, in front passenger door
- L132 Front passenger side turn signal repeater bulb
- T16d 16-pin connector
- T16s 16-pin connector
- VX5 Passenger side exterior mirror
- V25 Front passenger side mirror adjustment motor 2
- V122 Front passenger side fold-in mirror motor
- V150 Front passenger side mirror adjustment motor
- W53 Entry light in exterior mirror, passenger side
- Z5 Heated exterior mirror on passenger side

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Rear left door control unit, Rear left door lock unit



- F132 Rear left central locking actuator
- F245 Rear left door central locking actuator for SAFELOCK function
- F344 Rear left childproof lock contact switch
- F439 Contact switch for rotary latch
- F440 Contact switch 2 for rotary latch
- F443 Contact switch for locking pawl
- J388 Rear left door control unit, in left sliding door
- T11 11-pin connector
- T14e 14-pin connector
- T20c 20-pin connector
- VX23 Rear left door lock unit
- V115 Rear left door central locking motor
- V142 Rear left childproof lock motor
- V163 Rear left door central locking SAFELOCK function motor

420 Earth connection 1, in left sliding door wiring harness

602 Earth point, in front left footwell

R31 Connection 1, in rear left door wiring harness

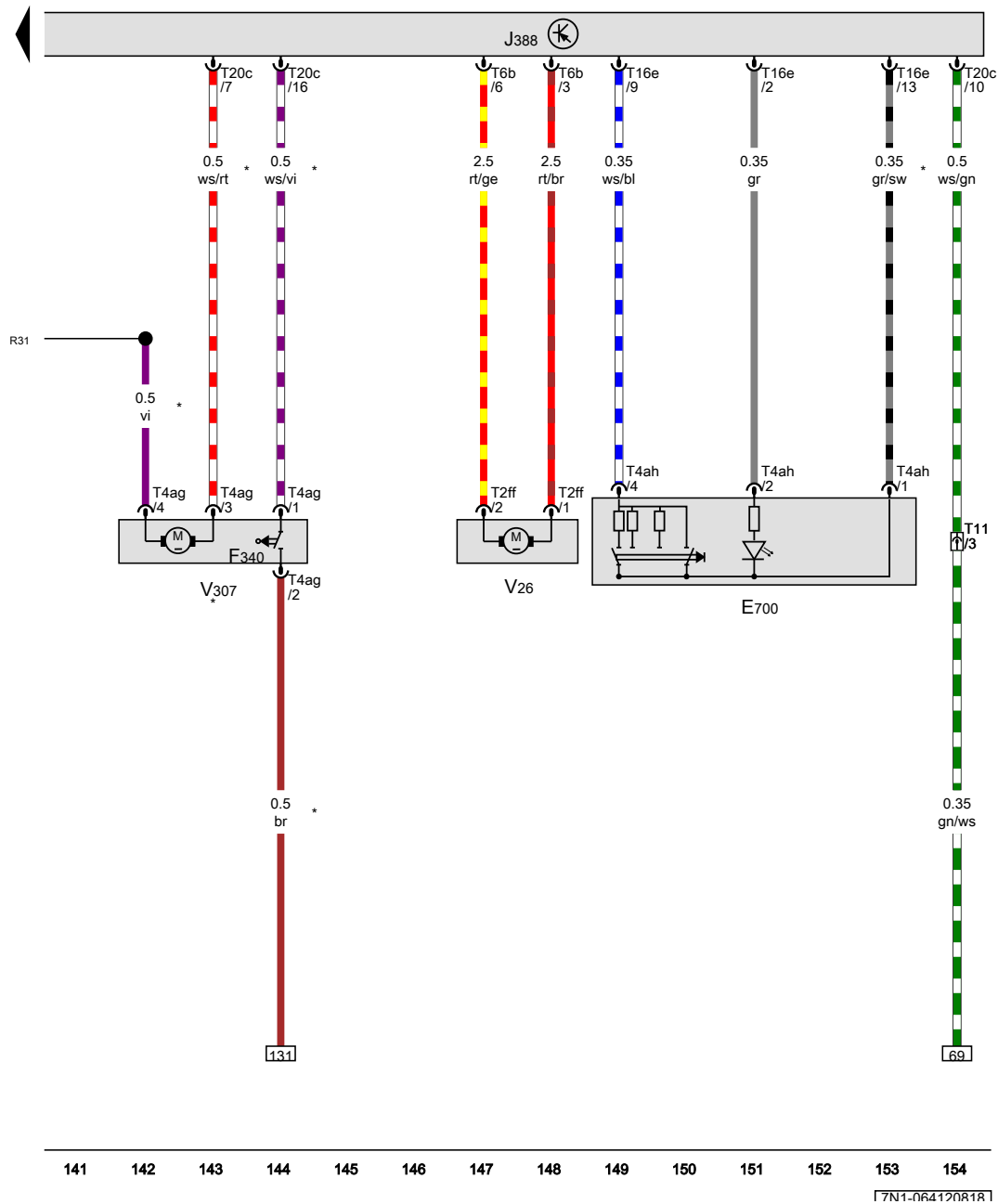
* According to equipment

*2 For models with power latching system and with no electric sliding door

*3 For models with no electric sliding doors/power latching system

ws = white
 sw = black
 ro = red
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 gn = green
 bl = blue
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17N1-064110R18



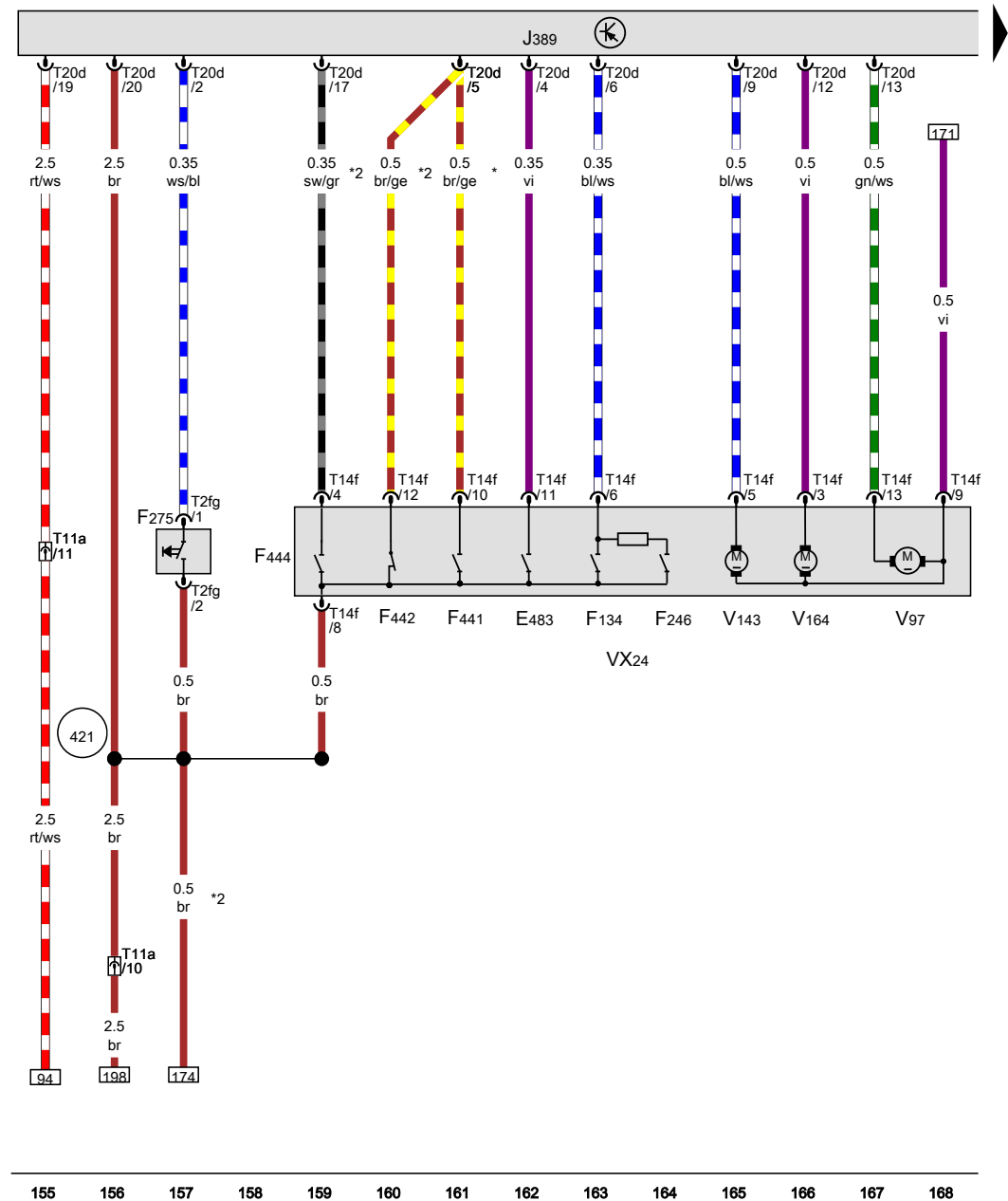
Rear left window regulator button in rear left door, Rear left door control unit, Rear left power latching motor

- E700 Rear left window regulator button in rear left door
- F340 Rear left door power latching system contact switch
- J388 Rear left door control unit, in left sliding door
- T2ff 2-pin connector
- T4ag 4-pin connector, black
- T4ah 4-pin connector
- T6b 6-pin connector
- T11 11-pin connector
- T16e 16-pin connector
- T20c 20-pin connector
- V26 Rear left window regulator motor
- V307 Rear left power latching motor

R31 Connection 1, in rear left door wiring harness

* For models with power latching system and with no electric sliding door

Rear right exterior door handle switch, Rear right door control unit, Rear right door lock unit

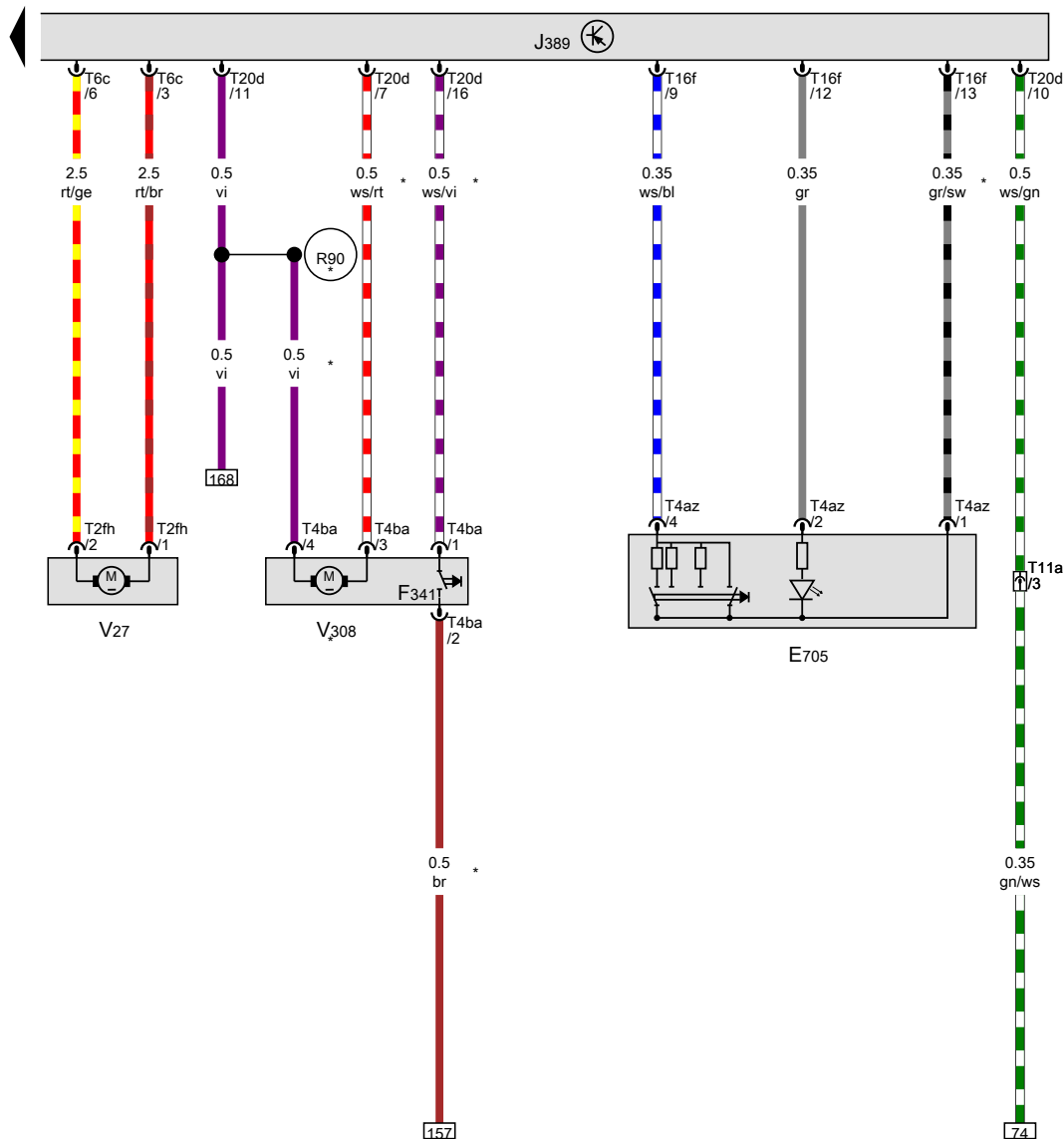


- E483 Right childproof lock switch
- F134 Rear right central locking actuator
- F246 Rear right door central locking actuator for SAFELOCK function
- F275 Rear right exterior door handle switch
- F441 Contact switch 3 for rotary latch
- F442 Contact switch 4 for rotary latch
- F444 Contact switch 2 for locking pawl
- J389 Rear right door control unit, in right sliding door
- T2fg 2-pin connector
- T11a 11-pin connector
- T14f 14-pin connector
- T20d 20-pin connector
- VX24 Rear right door lock unit
- V97 Rear right door central locking motor
- V143 Rear right childproof lock motor
- V164 Rear right door central SAFELOCK function locking motor
- 421 Earth connection 1, in right sliding door wiring harness

- * According to equipment
- *2 For models with power latching system and with no electric sliding door

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Rear right window regulator button in rear right door, Rear right door control unit, Rear right power latching motor



- E705 Rear right window regulator button in rear right door
- F341 Rear right door power latching system contact switch
- J389 Rear right door control unit, in right sliding door
- T2fh 2-pin connector
- T4az 4-pin connector
- T4ba 4-pin connector, black
- T6c 6-pin connector
- T11a 11-pin connector
- T16f 16-pin connector
- T20d 20-pin connector
- V27 Rear right window regulator motor
- V308 Rear right power latching motor

R90 Connection 1, in rear right door wiring harness

* For models with power latching system and with no electric sliding door

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

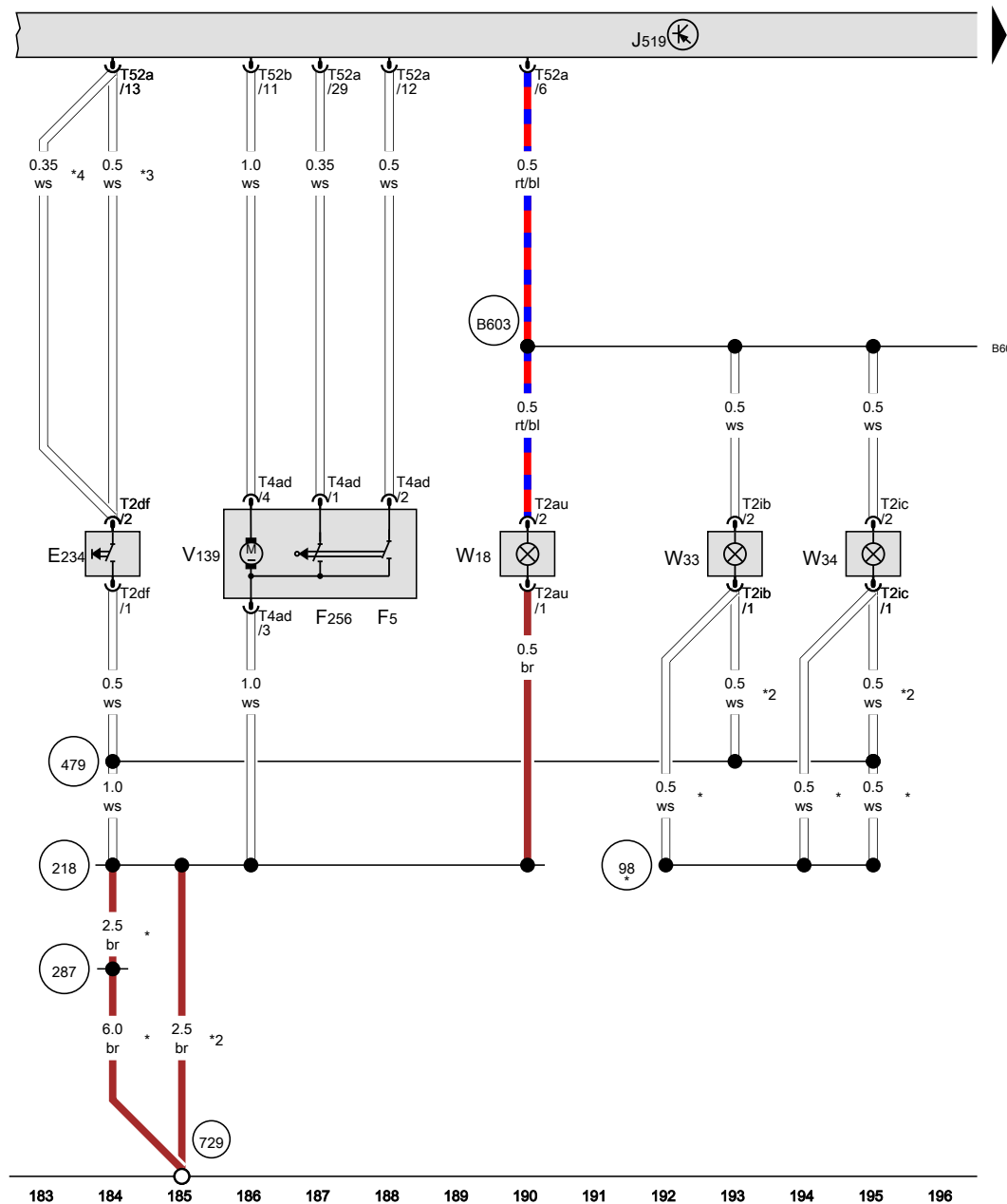
Rear lid handle release button, Rear lid lock unit, Onboard supply control unit, Left luggage compartment light, Rear left entry light, Rear right entry light

- E234 Rear lid handle release button
- F5 Luggage compartment light switch
- F256 Rear lid lock unit
- J519 Onboard supply control unit
- T2au 2-pin connector
- T2df 2-pin connector
- T2ib 2-pin connector, black
- T2ic 2-pin connector, black
- T4ad 4-pin connector
- T52a 52-pin connector, black
- T52b 52-pin connector
- V139 Rear lid release motor
- W18 Left luggage compartment light
- W33 Rear left entry light
- W34 Rear right entry light

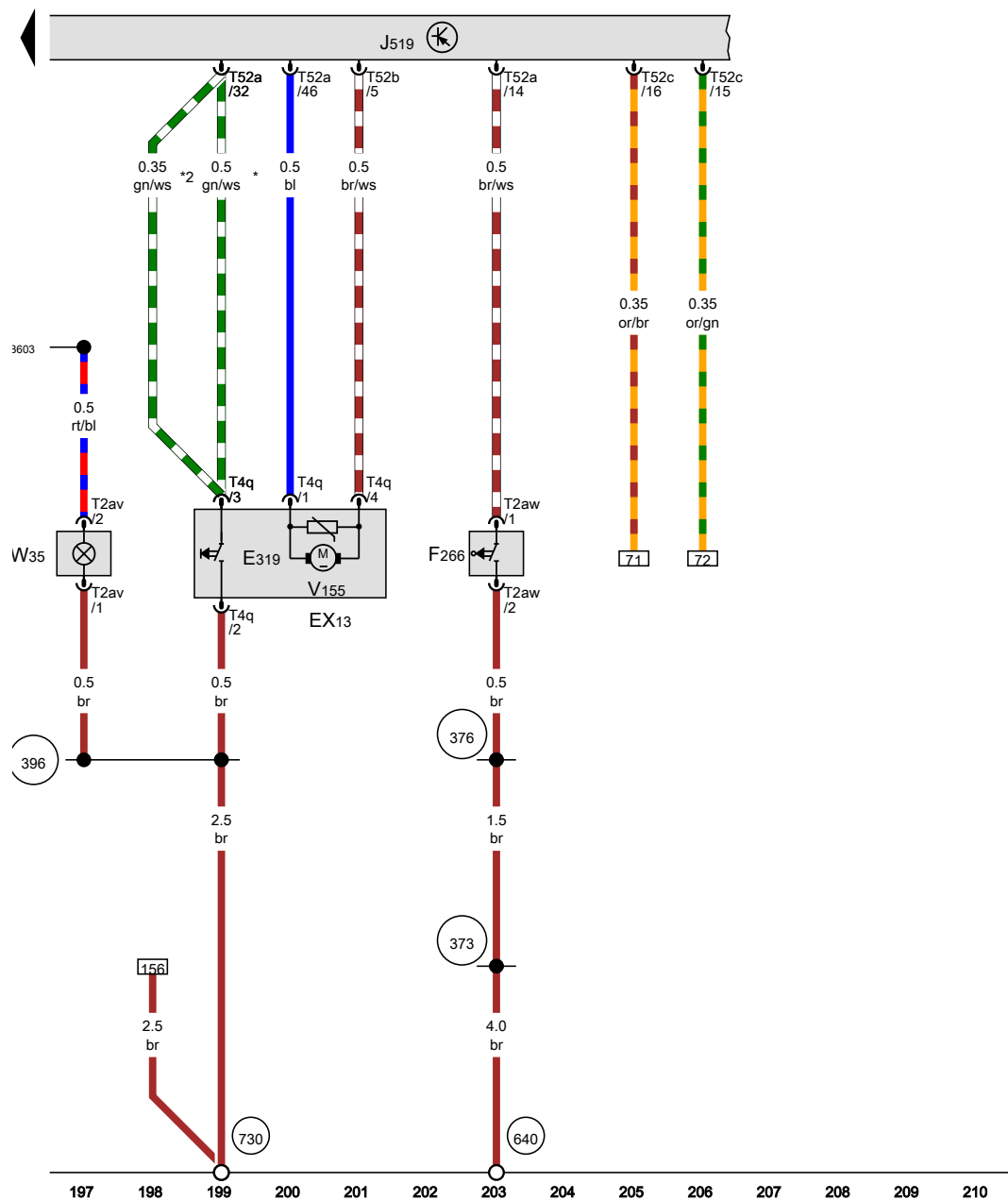
- 98 Earth connection, in rear lid wiring harness
- 218 Earth connection 1, in rear lid wiring harness
- 287 Earth connection, in rear lid feeder wiring harness
- 479 Earth connection 4, in rear lid wiring harness
- 729 Earth point, on left rear wheel housing
- B603 Positive connection 2 (30g), in main wiring harness

- * From May 2016
- *2 Up to May 2016
- *3 Up to May 2017
- *4 From May 2017

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17N1-064150R181



Tank flap release, Bonnet contact switch, Onboard supply control unit, Right luggage compartment light

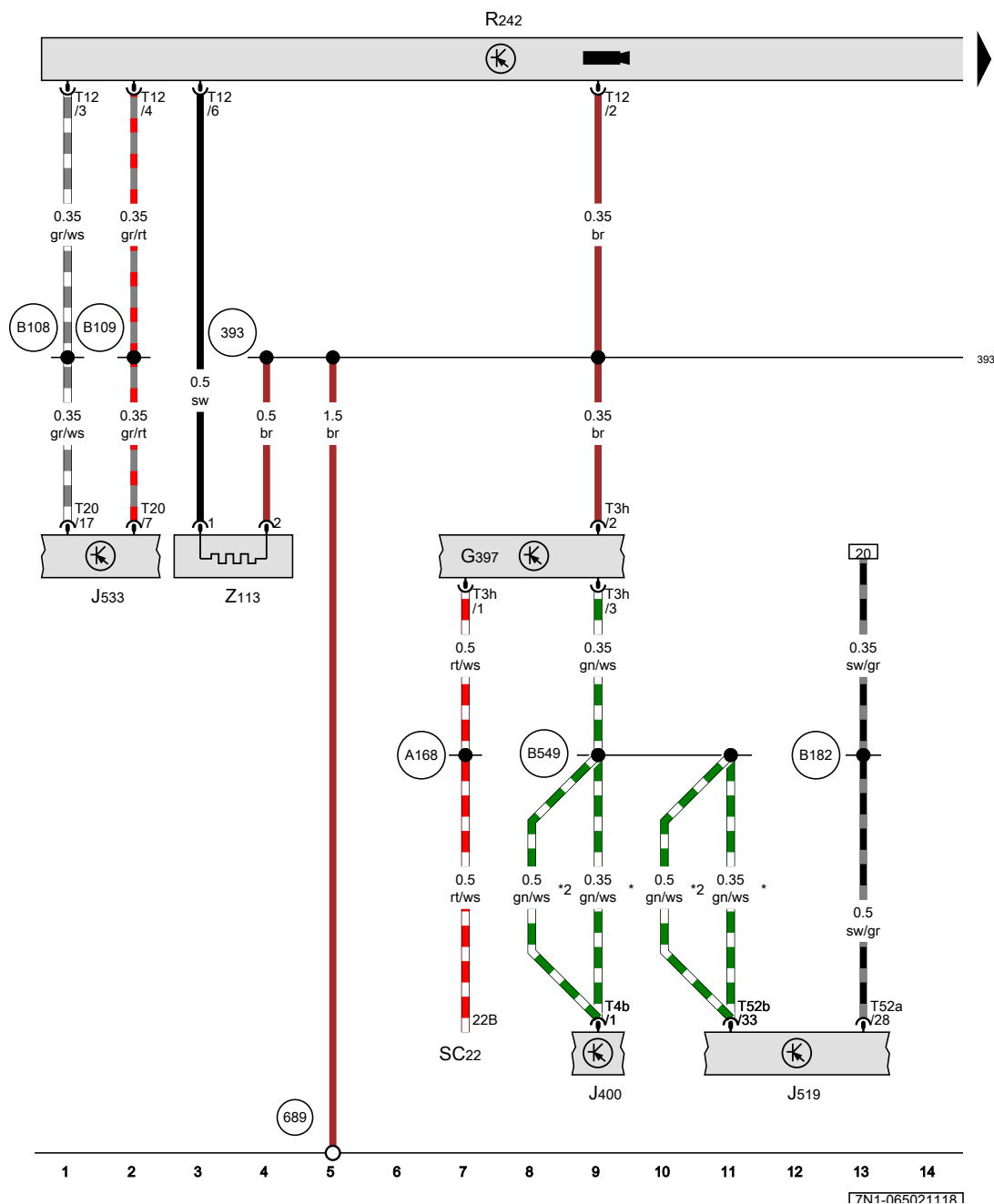
- EX13 Tank flap release
- E319 Fuel tank flap release button
- F266 Bonnet contact switch
- J519 Onboard supply control unit
- T2av 2-pin connector
- T2aw 2-pin connector
- T4q 4-pin connector
- T52a 52-pin connector, black
- T52b 52-pin connector
- T52c 52-pin connector
- V155 Tank filler flap locking motor
- W35 Right luggage compartment light
- 373 Earth connection 8, in main wiring harness
- 376 Earth connection 11, in main wiring harness
- 396 Earth connection 31, in main wiring harness
- 640 Earth point 2, left in engine compartment
- 730 Earth point 1, on right rear wheel housing
- B603 Positive connection 2 (30g), in main wiring harness
- * Up to May 2017
- *2 From May 2017

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17N1-064160R18

Front camera for driver assist systems

From May 2012



Front camera for driver assist systems, Windscreen heater for front sensors

- G397 Rain and light sensor, near interior mirror
- J400 Wiper motor control unit
- J519 Onboard supply control unit
- J533 Data bus diagnostic interface
- R242 Front camera for driver assist systems, near interior mirror
- SC22 Fuse 22 on fuse holder C
- T3h 3-pin connector
- T4b 4-pin connector
- T12 12-pin connector
- T20 20-pin connector
- T52a 52-pin connector
- T52b 52-pin connector
- Z113 Windscreen heater for front sensors, near interior mirror

- 393 Earth connection 28, in main wiring harness
- 689 Earth point, at front, central in roof
- A168 Positive connection 4 (30a) in dash panel wiring harness
- B108 Connection 1 (CAN bus extended high), in main wiring harness
- B109 Connection 1 (CAN bus extended low), in main wiring harness
- B182 Connection (RL), in interior wiring harness
- B549 Connection 2 (LIN bus) in main wiring harness

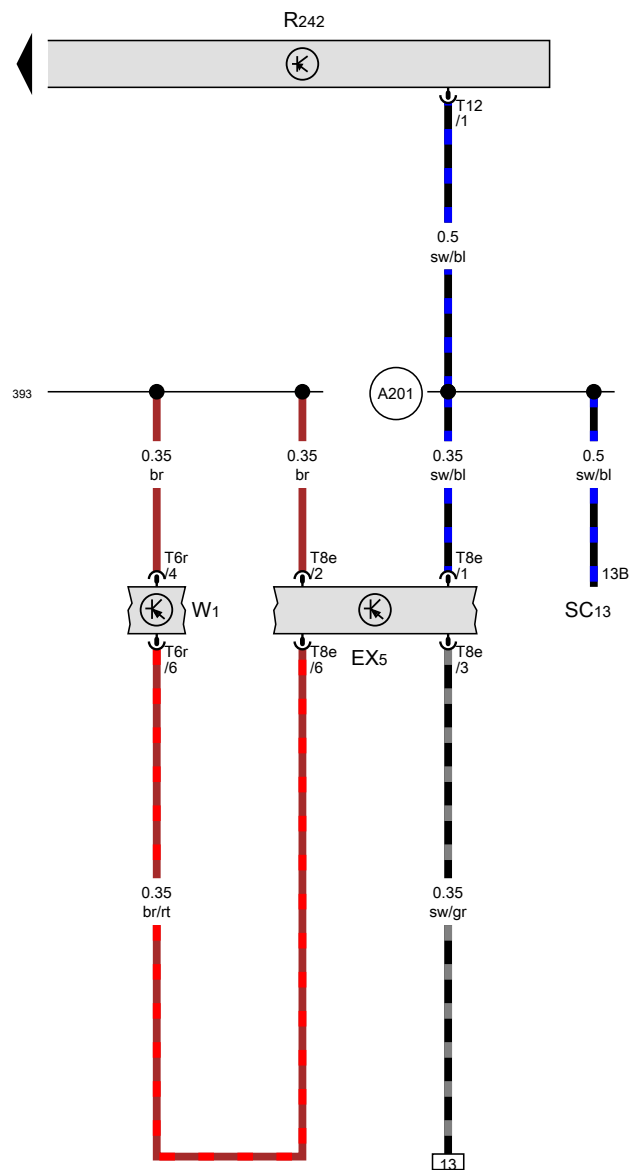
* Up to May 2014
*2 From May 2014

Front camera for driver assist systems

- EX5 Interior mirror
- R242 Front camera for driver assist systems, near interior mirror
- SC13 Fuse 13 on fuse holder C
- T6r 6-pin connector
- T8e 8-pin connector
- T12 12-pin connector
- W1 Front interior light

393 Earth connection 28, in main wiring harness

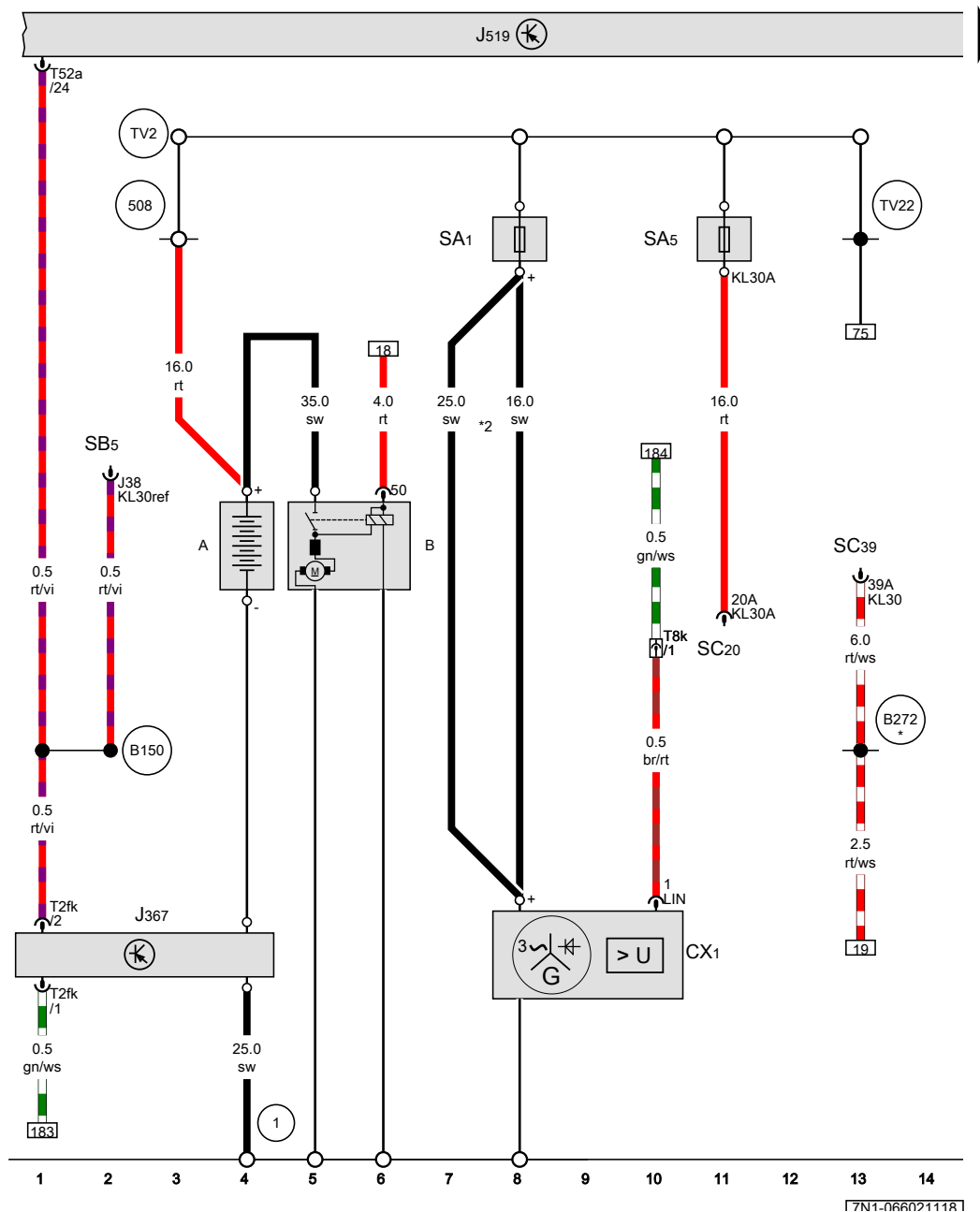
A201 Positive connection 6 (15a) in dash panel wiring harness



1.4l petrol engine with start/stop system , CTHA

From May 2012

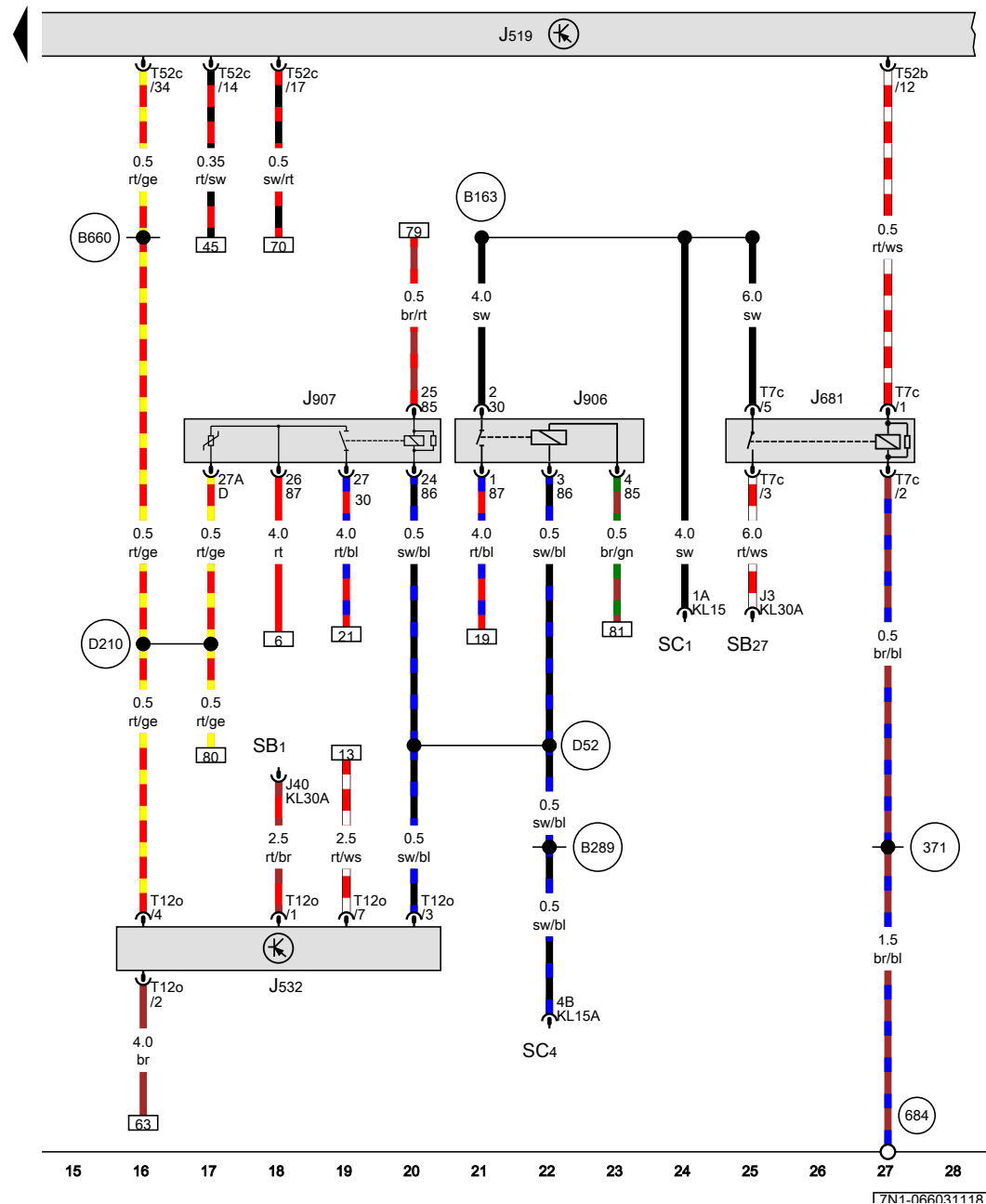
Battery, Starter, Alternator with voltage regulator, Battery monitor control unit, Onboard supply control unit



- A Battery
- B Starter
- CX1 Alternator with voltage regulator
- J367 Battery monitor control unit
- J519 Onboard supply control unit
- SA1 Fuse 1 on fuse holder A
- SB5 Fuse 5 on fuse holder B
- SA5 Fuse 5 on fuse holder A
- SC20 Fuse 20 on fuse holder C
- SC39 Fuse 39 on fuse holder C
- T2fk 2-pin connector
- T8k 8-pin connector
- T52a 52-pin connector

- 1 Earth strap, battery - body
- 508 Threaded connection (30) on E-box
- B150 Positive connection 2 (30a), in interior wiring harness
- B272 Positive connection (30), in main wiring harness
- TV2 Terminal 30 wiring junction
- TV22 Terminal 30 wiring junction 2

* see applicable current flow diagram for fuse assignment
 *2 For models with 140 A/180 A alternator



Onboard supply control unit, Voltage stabiliser, Starter relay 1, Starter relay 2

- J519 Onboard supply control unit
- J532 Voltage stabiliser
- J681 Terminal 15 voltage supply relay 2
- J906 Starter relay 1
- J907 Starter relay 2
- SB1 Fuse 1 on fuse holder B
- SC1 Fuse 1 on fuse holder C
- SC4 Fuse 4 on fuse holder C
- SB27 Fuse 27 on fuse holder B
- T7c 7-pin connector
- T12o 12-pin connector
- T52b 52-pin connector
- T52c 52-pin connector
- 371 Earth connection 6, in main wiring harness
- 684 Earth point on front of left side member
- B163 Positive connection 1 (15), in interior wiring harness
- B289 Positive connection 13 (15a) in main wiring harness
- B660 Connection (diagnosis terminal 50), in main wiring harness
- D52 Positive connection (15a), in engine compartment wiring harness
- D210 Connection (50), in engine compartment wiring harness

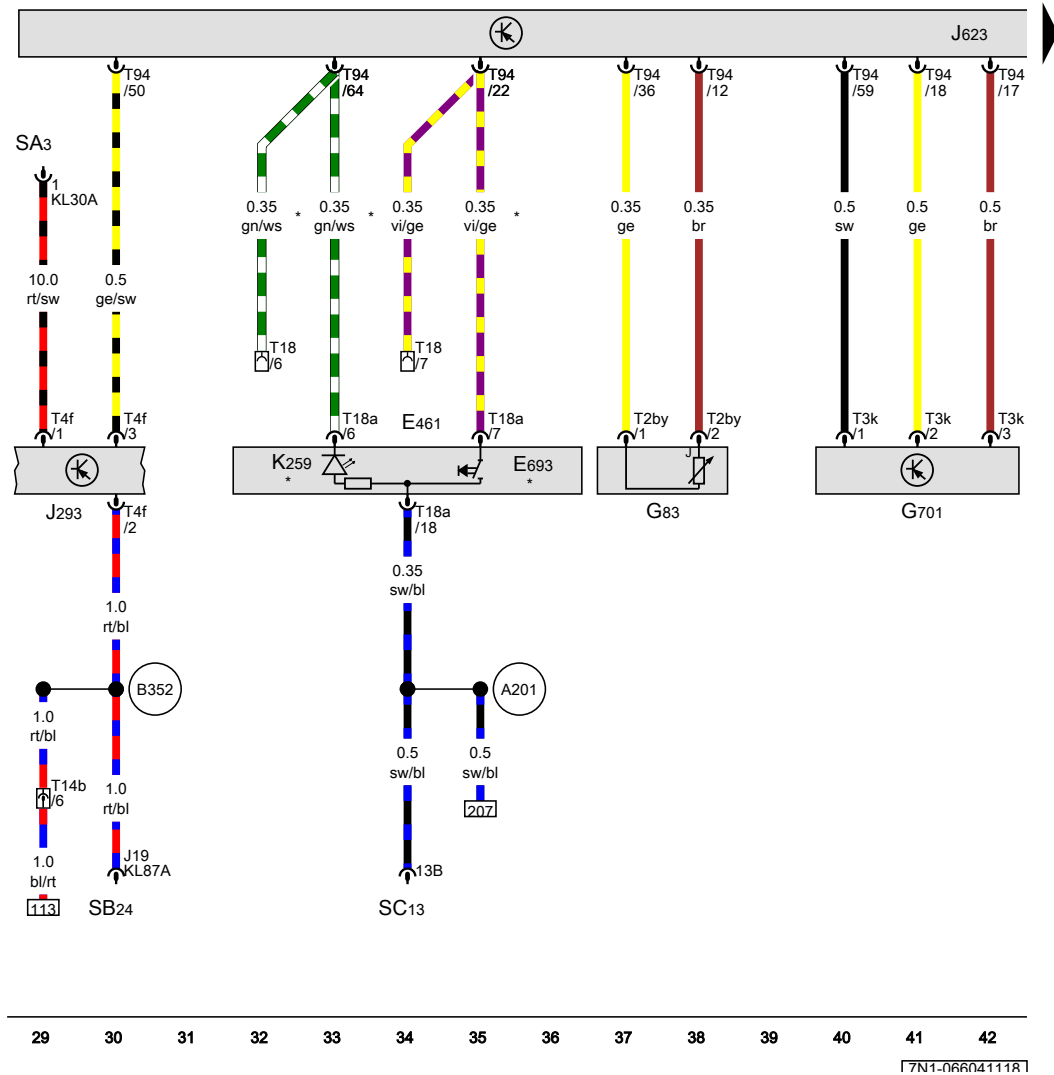
Operating unit in front of centre console, Start/Stop operation button, Engine/motor control unit

- | | |
|------|--|
| E461 | Operating unit in front of centre console, in centre console |
| E693 | Start/Stop operation button |
| G83 | Radiator outlet coolant temperature sender |
| G701 | Gearbox neutral position sender |
| J293 | Radiator fan control unit |
| J623 | Engine/motor control unit |
| K259 | Start/Stop operation warning lamp |
| SA3 | Fuse 3 on fuse holder A |
| SC13 | Fuse 13 on fuse holder C |
| SB24 | Fuse 24 on fuse holder B |
| T2by | 2-pin connector |
| T3k | 3-pin connector |
| T4f | 4-pin connector |
| T14b | 14-pin connector |
| T18 | 18-pin connector, in centre console |
| T18a | 18-pin connector |
| T94 | 94-pin connector |

(A201) Positive connection 6 (15a) in dash panel wiring harness

(B352) Positive connection 3 (87a) in main wiring harness

* According to equipment

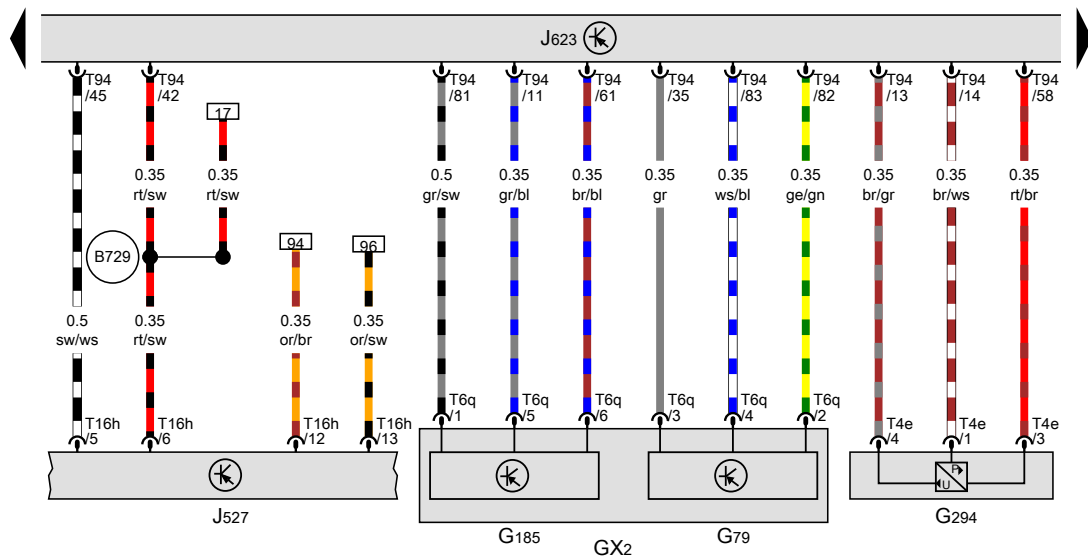


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Accelerator pedal module, Accelerator position sender,
Brake servo pressure sensor, Engine/motor control unit

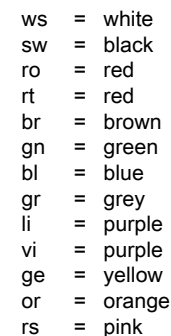
- GX2 Accelerator pedal module
- G79 Accelerator position sender
- G185 Accelerator position sender 2
- G294 Brake servo pressure sensor
- J527 Steering column electronics control unit
- J623 Engine/motor control unit
- T4e 4-pin connector
- T6q 6-pin connector
- T16h 16-pin connector
- T94 94-pin connector

B729 Connection 1 (50), in main wiring harness



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F	Brake light switch
G476	Clutch position sender
J540	Control unit for electromechanical parking brake
J623	Engine/motor control unit
J743	Mechatronic unit for dual clutch gearbox
SC14	Fuse 14 on fuse holder C
T4k	4-pin connector
T5c	5-pin connector
T20e	20-pin connector
T30	30-pin connector
T94	94-pin connector



- 10 Earth point, in plenum chamber
- 199 Earth connection 3, in dash panel wiring harness
- 380 Earth connection 15, in main wiring harness
- B185 Connection 2 (54), in interior wiring harness
- D136 Positive connection 2 (15a), in engine compartment wiring harness
- U3 Connection 1, in automatic gearbox wiring harness
- * For models with manual gearbox
- *2 For left-hand drive models
- *3 For right-hand drive models
- *4 For models with dual clutch gearbox

Main relay, Engine/motor control unit, Magnetic clutch for supercharger

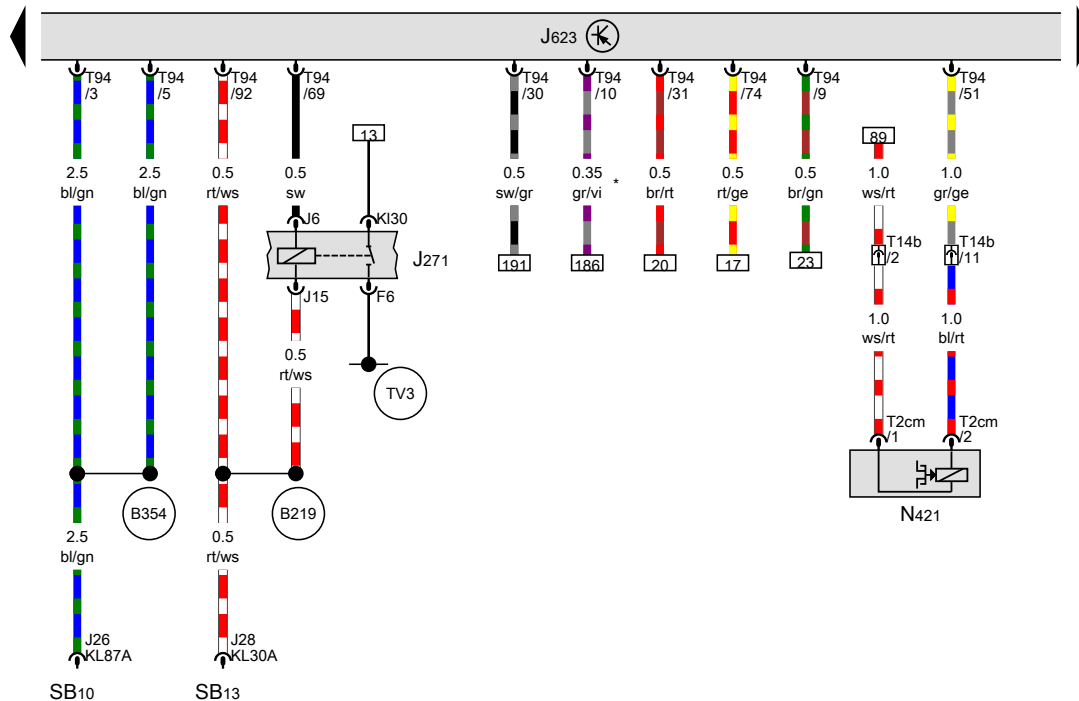
- J271 Main relay
- J623 Engine/motor control unit
- N421 Magnetic clutch for supercharger
- SB10 Fuse 10 on fuse holder B
- SB13 Fuse 13 on fuse holder B
- T2cm 2-pin connector
- T14b 14-pin connector
- T94 94-pin connector

B219 Positive connection 4 (30a), in interior wiring harness

B354 Positive connection 5 (87a) in main wiring harness

TV3 Terminal 30a wiring junction

* For models with equipment for Japan

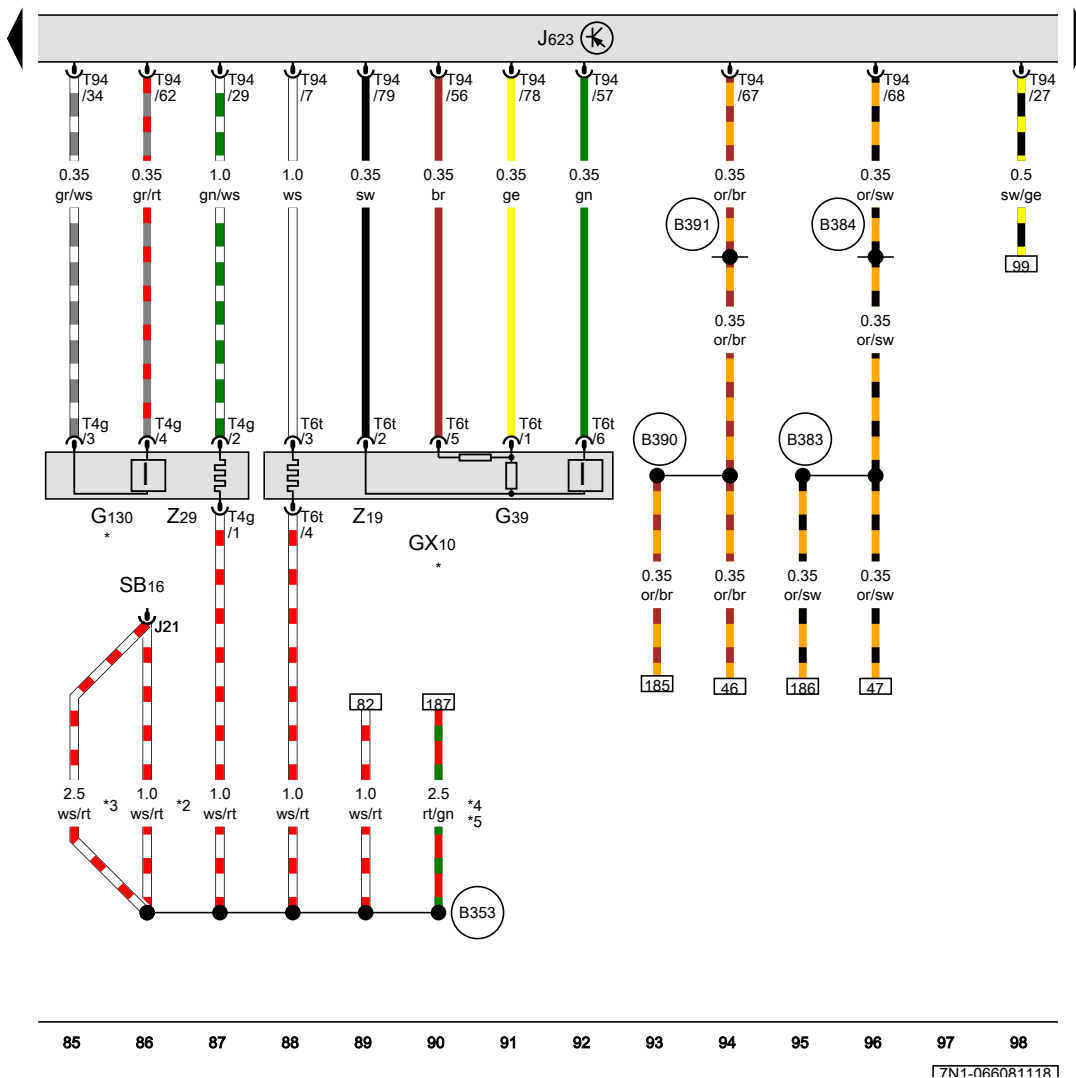


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Lambda probe 1 before catalytic converter, Lambda probe after catalytic converter, Engine/motor control unit

- GX10 Lambda probe 1 before catalytic converter
- G39 Lambda probe
- G130 Lambda probe after catalytic converter
- J623 Engine/motor control unit
- SB16 Fuse 16 on fuse holder B
- T4g 4-pin connector
- T6t 6-pin connector
- T94 94-pin connector
- Z19 Lambda probe heater
- Z29 Lambda probe 1 heater after catalytic converter

- B353 Positive connection 4 (87a) in main wiring harness
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B384 Connection 2 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- B391 Connection 2 (powertrain CAN bus, low), in main wiring harness
- * Pre-wired component
- *2 Up to April 2014
- *3 From May 2014
- *4 From May 2013
- *5 For models with equipment for Japan



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Additional coolant pump relay, Engine/motor control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4, Fuel pressure regulating valve, Coolant circulation pump

J496 Additional coolant pump relay
J623 Engine/motor control unit
N30 Injector, cylinder 1
N31 Injector, cylinder 2
N32 Injector, cylinder 3
N33 Injector, cylinder 4
N276 Fuel pressure regulating valve
SB20 Fuse 20 on fuse holder B
SB23 Fuse 23 on fuse holder B
T2co 2-pin connector
T2cp 2-pin connector
T2cq 2-pin connector
T2cr 2-pin connector
T2ct 2-pin connector
T2fl 2-pin connector
T14b 14-pin connector
T60 60-pin connector
V50 Coolant circulation pump

373 Earth connection 8, in main wiring harness

374 Earth connection 9, in main wiring harness

640 Earth point 2, left in engine compartment

B356 Positive connection 7 (87a) in main wiring harness

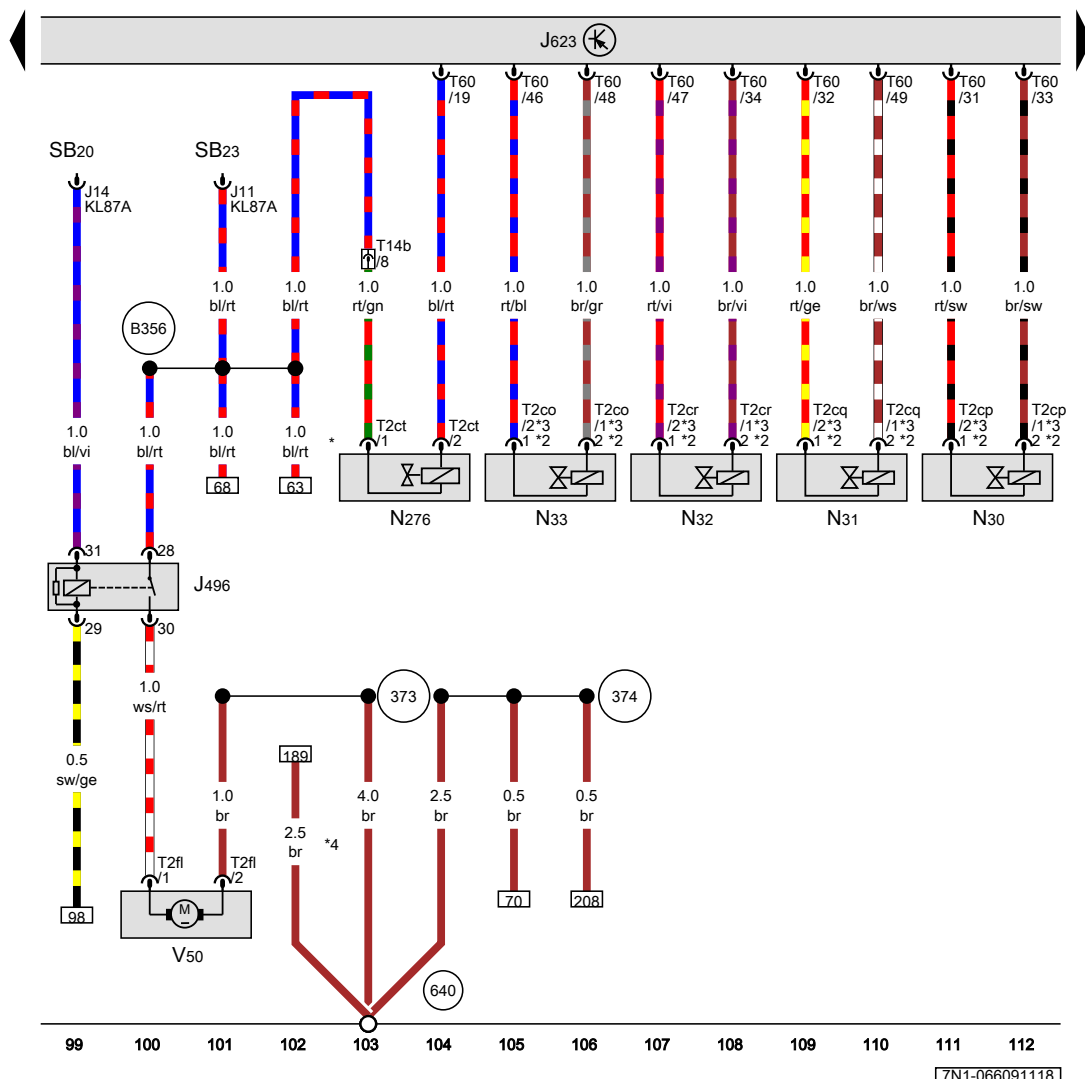
* For models with manual gearbox

*2 From May 2013

*3 Up to April 2013

*4 For models with equipment for Japan

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Engine speed sender, Charge pressure sender, Intake air temperature sender 2, Engine/motor control unit, Charge pressure control solenoid valve, Activated charcoal filter solenoid valve 1, Camshaft control valve 1, Turbocharger air recirculation valve

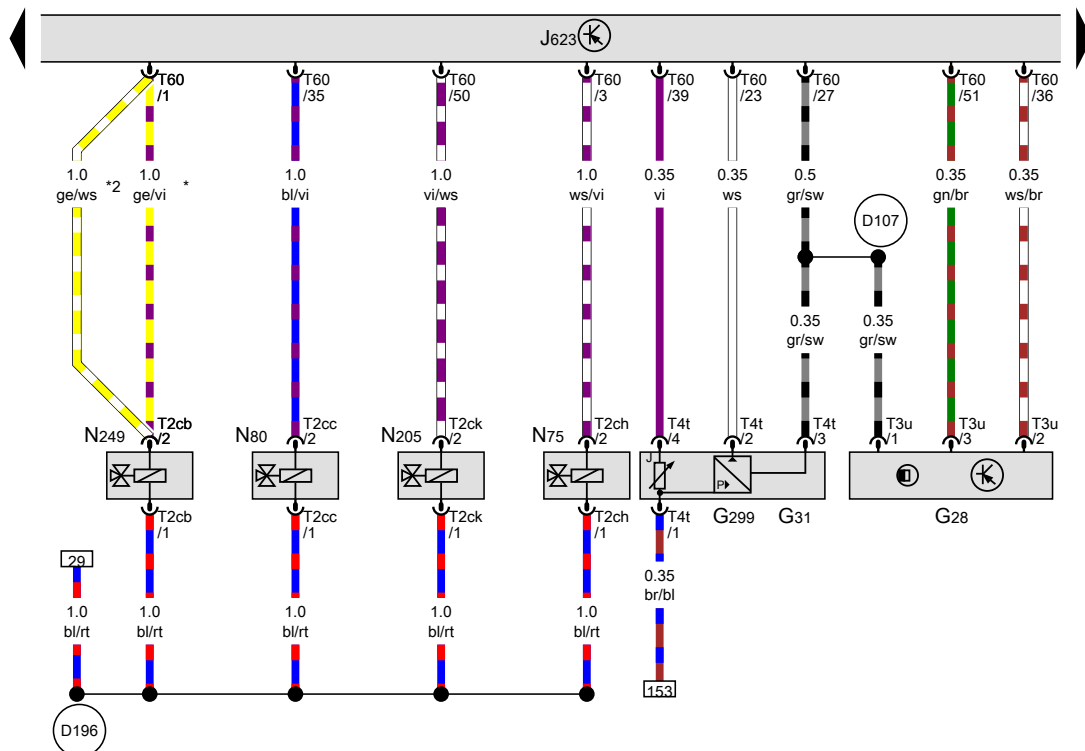
- G28 Engine speed sender
- G31 Charge pressure sender
- G299 Intake air temperature sender 2
- J623 Engine/motor control unit
- N75 Charge pressure control solenoid valve
- N80 Activated charcoal filter solenoid valve 1
- N205 Camshaft control valve 1
- N249 Turbocharger air recirculation valve
- T2cb 2-pin connector
- T2cc 2-pin connector
- T2ch 2-pin connector
- T2ck 2-pin connector
- T3u 3-pin connector
- T4t 4-pin connector
- T60 60-pin connector

D107 Connection 5 in engine compartment wiring harness

D196 Connection 2 (87a) in engine prewiring harness

* Up to April 2013

*2 From May 2013



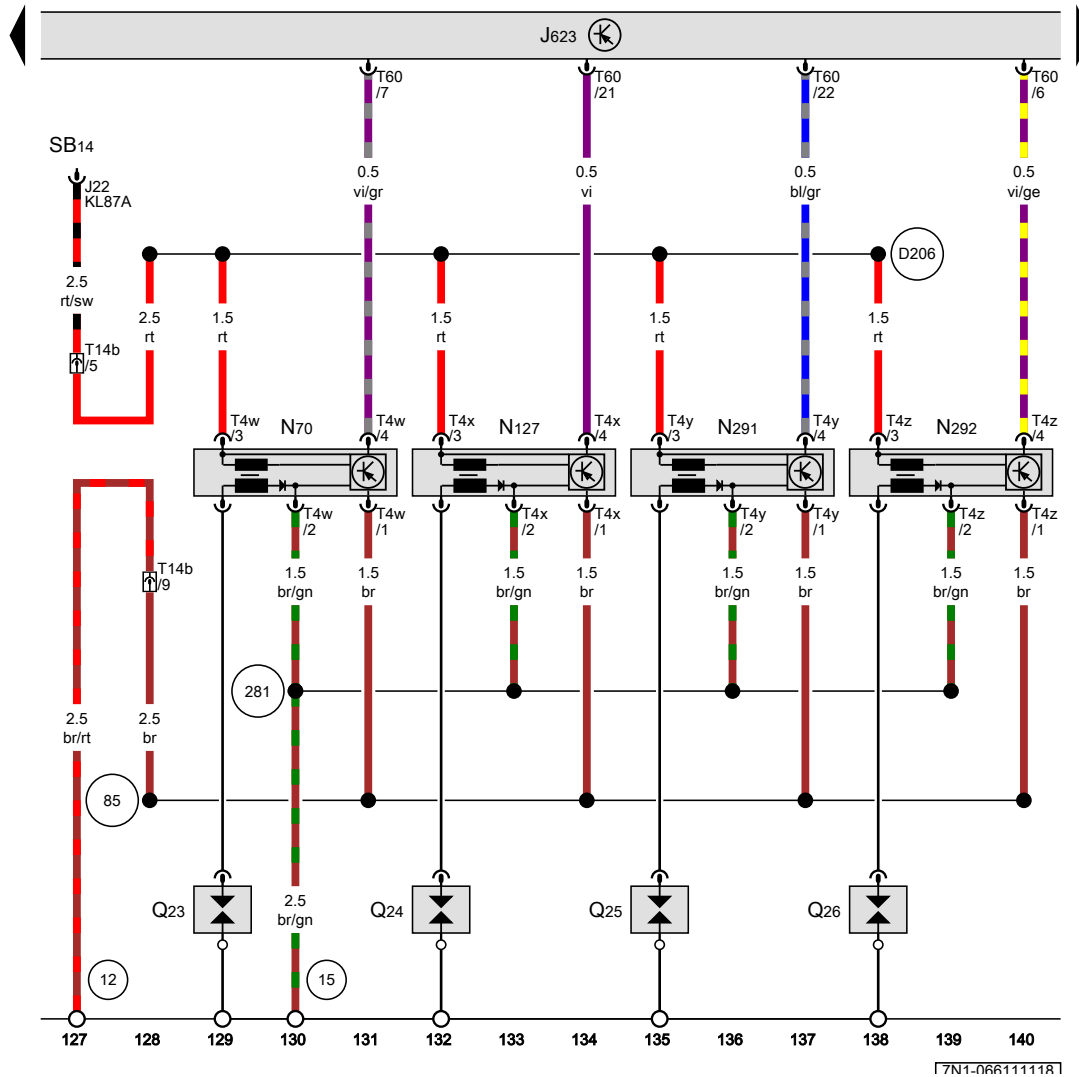
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- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Engine/motor control unit, Ignition coil 1 with output stage, Spark plug 1

- 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
- Q23 Spark plug 1
- Q24 Spark plug 2
- Q25 Spark plug 3
- Q26 Spark plug 4
- SB14 Fuse 14 on fuse holder B
- T4w 4-pin connector
- T4x 4-pin connector
- T4y 4-pin connector
- T4z 4-pin connector
- T14b 14-pin connector
- T60 60-pin connector

- 12 Earth point, on left in engine compartment
- 15 Earth point, on cylinder head
- 85 Earth connection 1, in engine compartment wiring harness
- 281 Earth point 1, engine prewiring harness
- D206 Connection 4 (87a) in engine prewiring harness

ws = white
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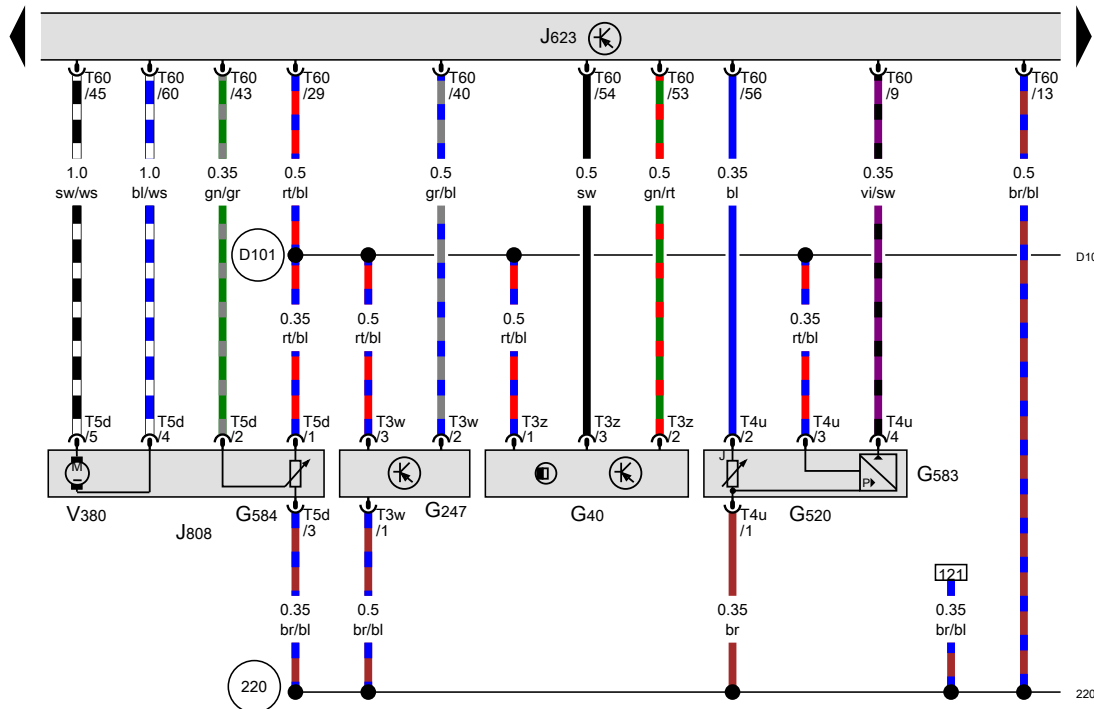


[7N1-06R111118]

Hall sender, Fuel pressure sender, Intake air temperature sender 3, Intake manifold pressure sender 3, Regulating flap potentiometer, Engine/motor control unit, Regulating flap control unit, Regulating flap position control motor

- G40 Hall sender
- G247 Fuel pressure sender
- G520 Intake air temperature sender 3
- G583 Intake manifold pressure sender 3
- G584 Regulating flap potentiometer
- J623 Engine/motor control unit
- J808 Regulating flap control unit
- T3w 3-pin connector
- T3z 3-pin connector
- T4u 4-pin connector
- T5d 5-pin connector
- T60 60-pin connector
- V380 Regulating flap position control motor

- 220 Earth connection (sender earth), in engine wiring harness
- D101 Connection 1 in engine compartment wiring harness



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141 142 143 144 145 146 147 148 149 150 151 152 153 154

[7N1-06R121118]

Intake air temperature sender, Knock sensor 1, Engine/
motor control unit

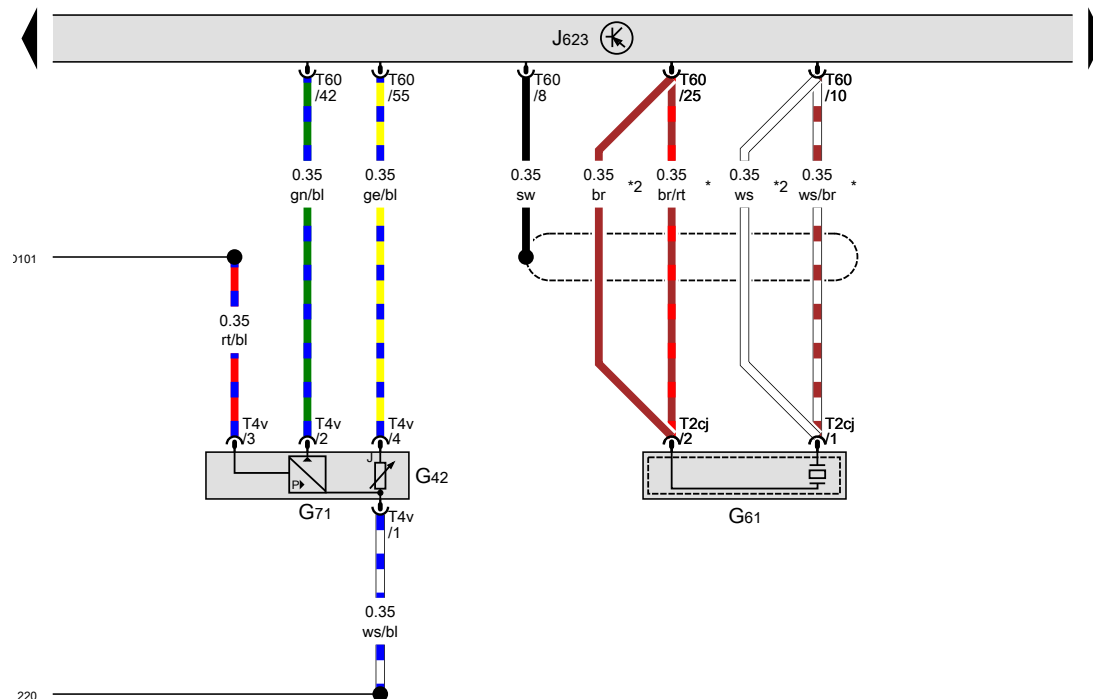
- G42 Intake air temperature sender
- G61 Knock sensor 1
- G71 Intake manifold pressure sender
- J623 Engine/motor control unit
- T2cj 2-pin connector
- T4v 4-pin connector
- T60 60-pin connector

220 Earth connection (sender earth), in engine wiring harness

D101 Connection 1 in engine compartment wiring harness

* Up to April 2013

*2 From May 2013

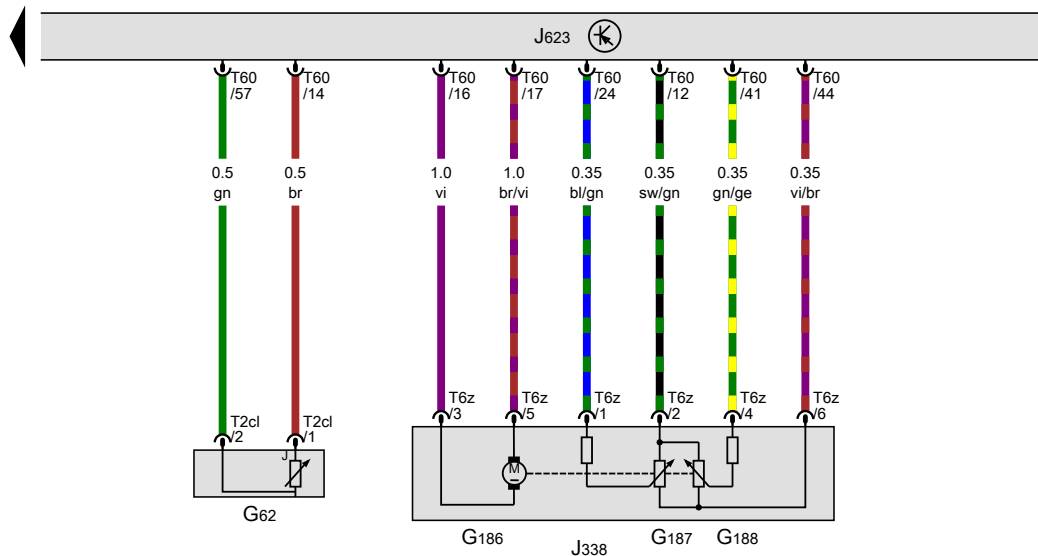


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- rs = pink

[7N1-06R131118]

Coolant temperature sender, Throttle valve module, Engine/
motor control unit

- G62 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
- T2cl 2-pin connector
- T6z 6-pin connector
- T60 60-pin connector



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- br = brown
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- rs = pink

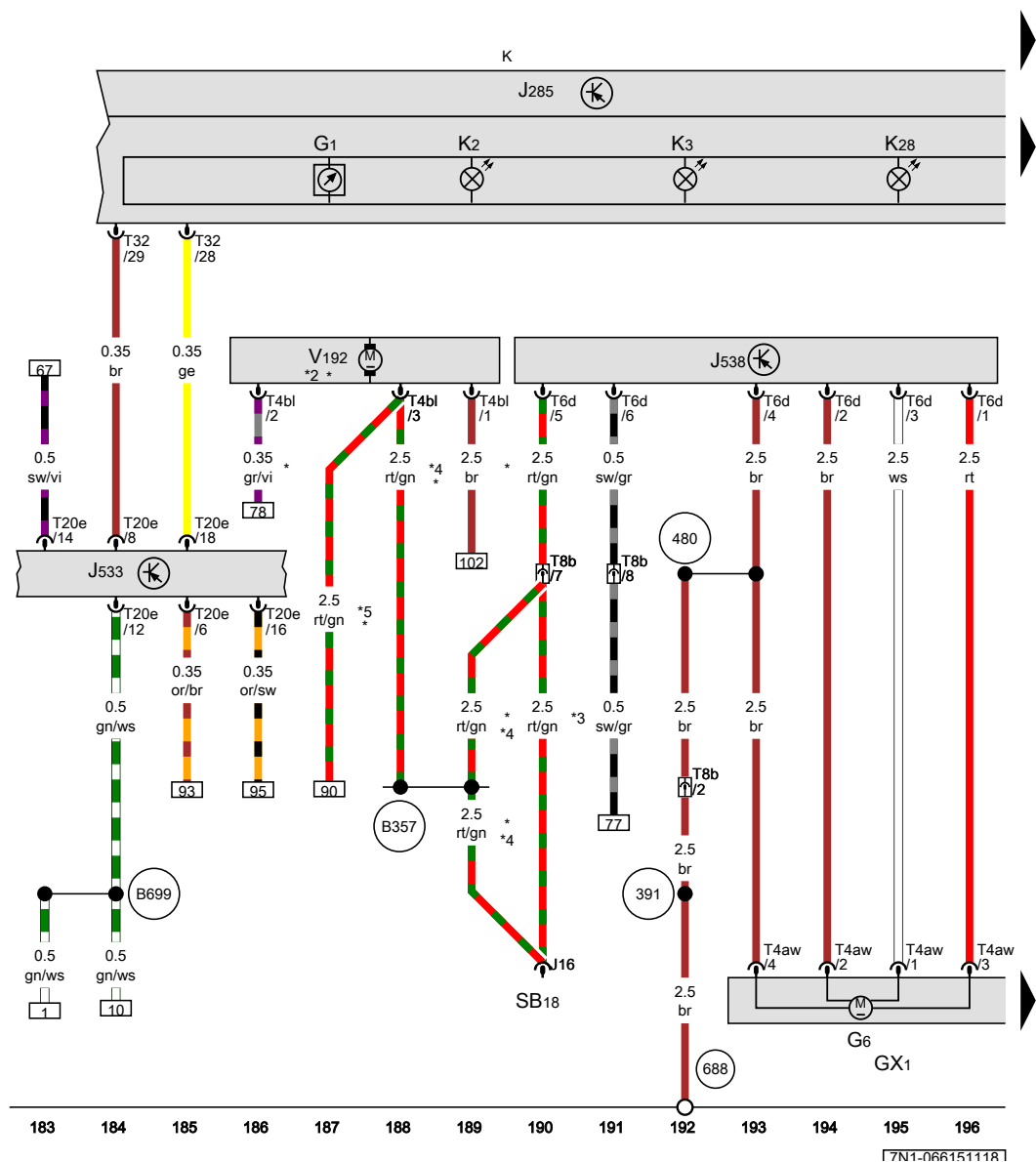
Fuel delivery unit, Control unit in dash panel insert, Data bus diagnostic interface, Fuel pump control unit, Vacuum pump for brakes

- G1 Fuel gauge
- GX1 Fuel delivery unit
- G6 Fuel system pressurisation pump
- J285 Control unit in dash panel insert
- J533 Data bus diagnostic interface
- J538 Fuel pump control unit
- K Dash panel insert
- K2 Alternator warning lamp
- K3 Oil pressure warning lamp
- K28 Coolant temperature and coolant shortage warning lamp
- SB18 Fuse 18 on fuse holder B
- T4aw 4-pin connector
- T4bl 4-pin connector
- T6d 6-pin connector
- T8b 8-pin connector
- T20e 20-pin connector
- T32 32-pin connector
- V192 Vacuum pump for brakes

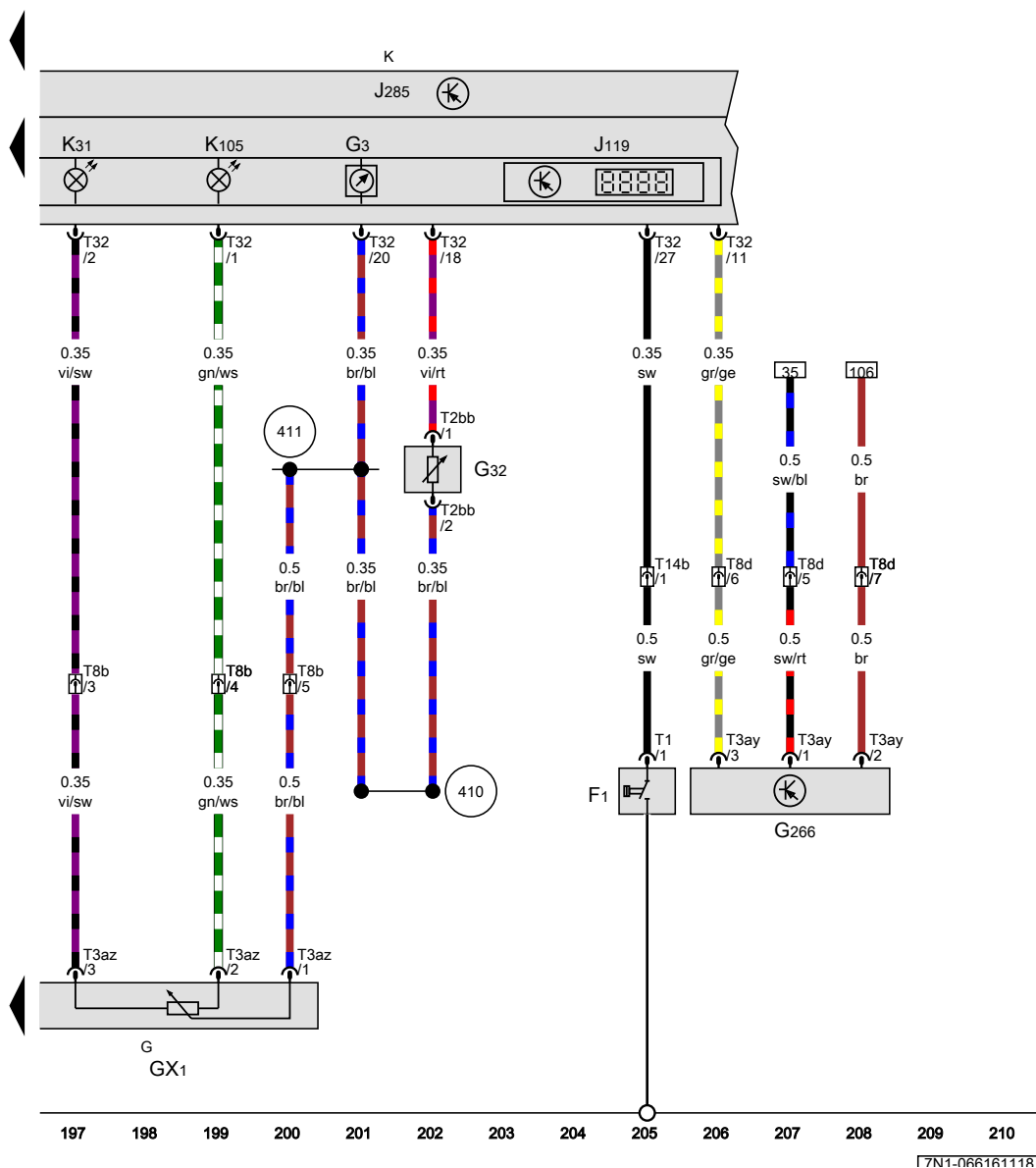
- 391 Earth connection 26, in main wiring harness
- 480 Earth connection, in fuel tank wiring harness
- 688 Earth point 2, on centre tunnel
- B357 Positive connection 8 (87a) in main wiring harness
- B699 Connection 4 (LIN bus) in main wiring harness

- * For models with equipment for Japan
- *2 Pre-wired component
- *3 For models with no equipment for Japan
- *4 Up to April 2013
- *5 From May 2013

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Oil pressure switch, Fuel delivery unit, Coolant shortage indicator sender, Oil level and oil temperature sender, Control unit in dash panel insert



- F1 Oil pressure switch
- G Fuel gauge sender
- GX1 Fuel delivery unit
- G3 Coolant temperature gauge
- G32 Coolant shortage indicator sender
- G266 Oil level and oil temperature sender
- J119 Multifunction indicator
- J285 Control unit in dash panel insert
- K Dash panel insert
- K31 Cruise control system warning lamp
- K105 Reserve fuel warning lamp
- T1 1-pin connector
- T2bb 2-pin connector
- T3ay 3-pin connector
- T3az 3-pin connector
- T8b 8-pin connector
- T8d 8-pin connector
- T14b 14-pin connector
- T32 32-pin connector

- 410 Earth connection 1 (sender earth) in main wiring harness
- 411 Earth connection 2 (sender earth) in main wiring harness

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Preparation for radio, Japan only

From May 2012

Voltage stabiliser

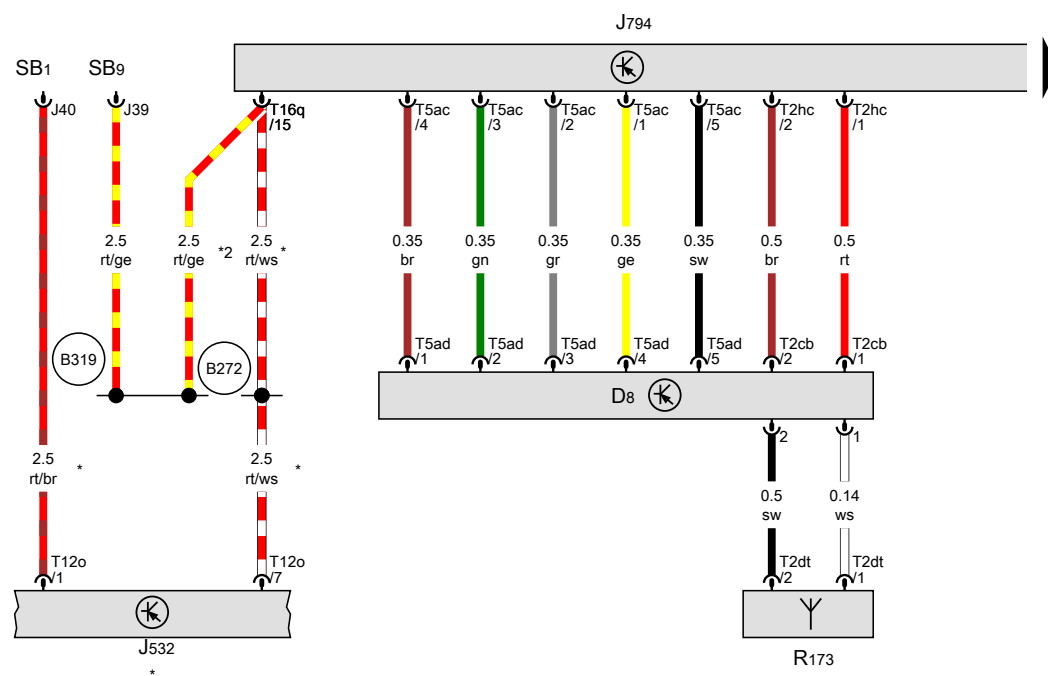
- D8 Chip card reader
- J532 Voltage stabiliser
- J794 Control unit 1 for information electronics
- R173 Traffic data aerial
- SB1 Fuse 1 on fuse holder B
- SB9 Fuse 9 on fuse holder B
- T2cb 2-pin connector
- T2dt 2-pin connector
- T2hc 2-pin connector, black
- T5ac 5-pin connector, black
- T5ad 5-pin connector
- T12o 12-pin connector
- T16q 16-pin connector, black

B272 Positive connection (30), in main wiring harness

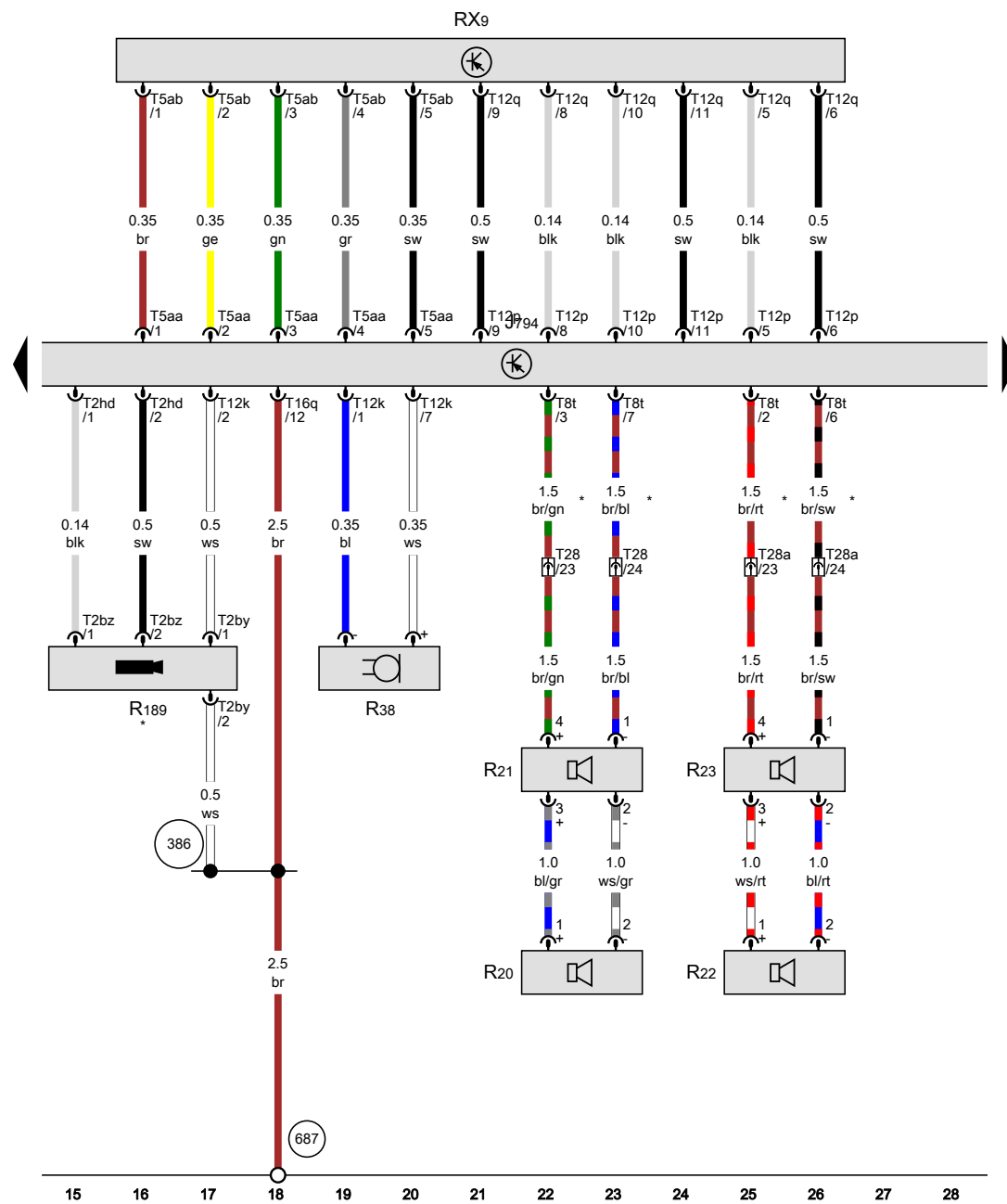
B319 Positive connection 5 (30a) in main wiring harness

* For models with start/stop system

*2 For models with no start/stop system



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Front left treble loudspeaker, Front left bass loudspeaker,
Front right treble loudspeaker, Front right bass loudspeaker

- J794 Control unit 1 for information electronics
- RX9 Interface for external audio sources
- R20 Front left treble loudspeaker
- R21 Front left bass loudspeaker
- R22 Front right treble loudspeaker
- R23 Front right bass loudspeaker
- R38 Telephone microphone
- R189 Reversing camera
- T2by 2-pin connector
- T2bz 2-pin connector
- T2hd 2-pin connector, colourless
- T5aa 5-pin connector, black
- T5ab 5-pin connector
- T8t 8-pin connector, black
- T12k 12-pin connector, blue
- T12p 12-pin connector, black
- T12q 12-pin connector
- T16q 16-pin connector, black
- T28 28-pin connector
- T28a 28-pin connector

- 386 Earth connection 21, in main wiring harness
- 687 Earth point 1, on centre tunnel
- * According to equipment

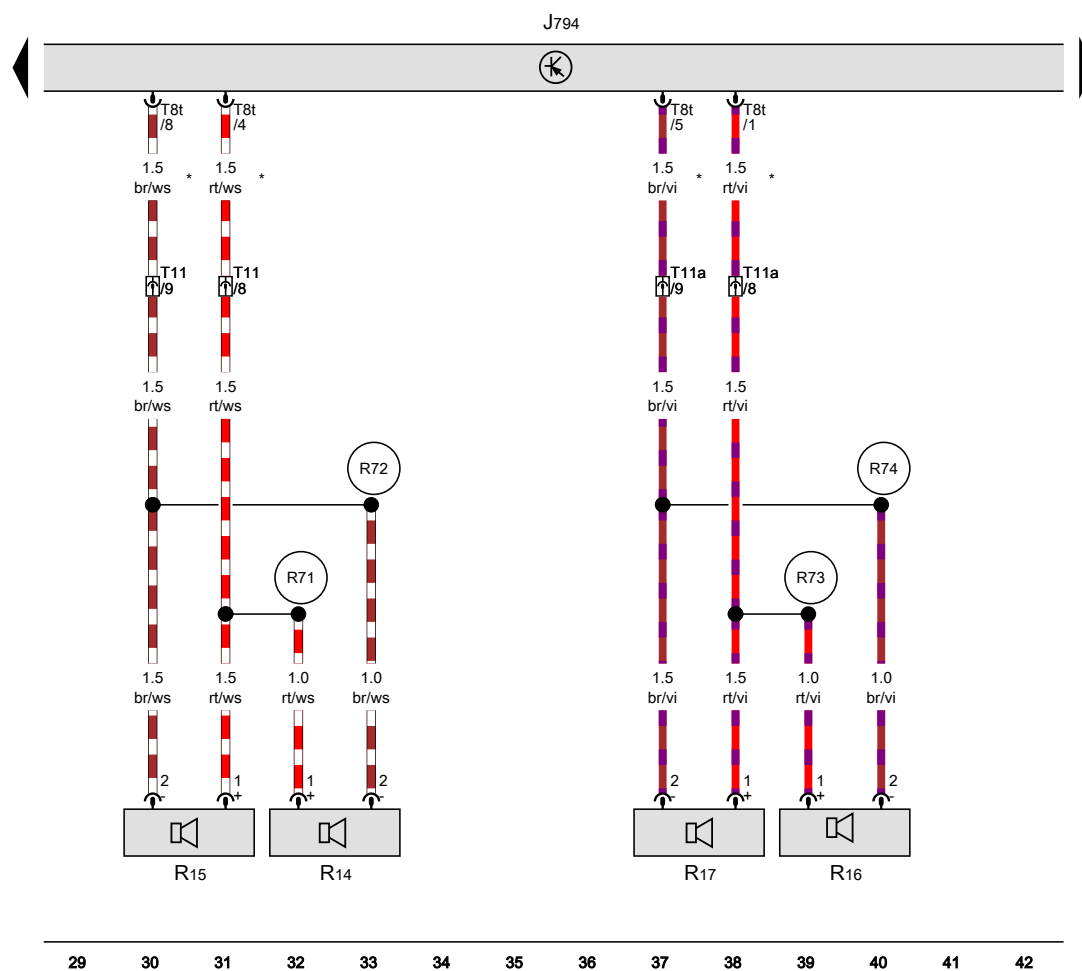
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Rear left treble loudspeaker, Rear left bass loudspeaker,
Rear right treble loudspeaker, Rear right bass loudspeaker

- 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
- T8t 8-pin connector, black
- T11 11-pin connector
- T11a 11-pin connector

- 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

* According to equipment



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vi = purple
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or = orange
rs = pink

[7N1-067041118]

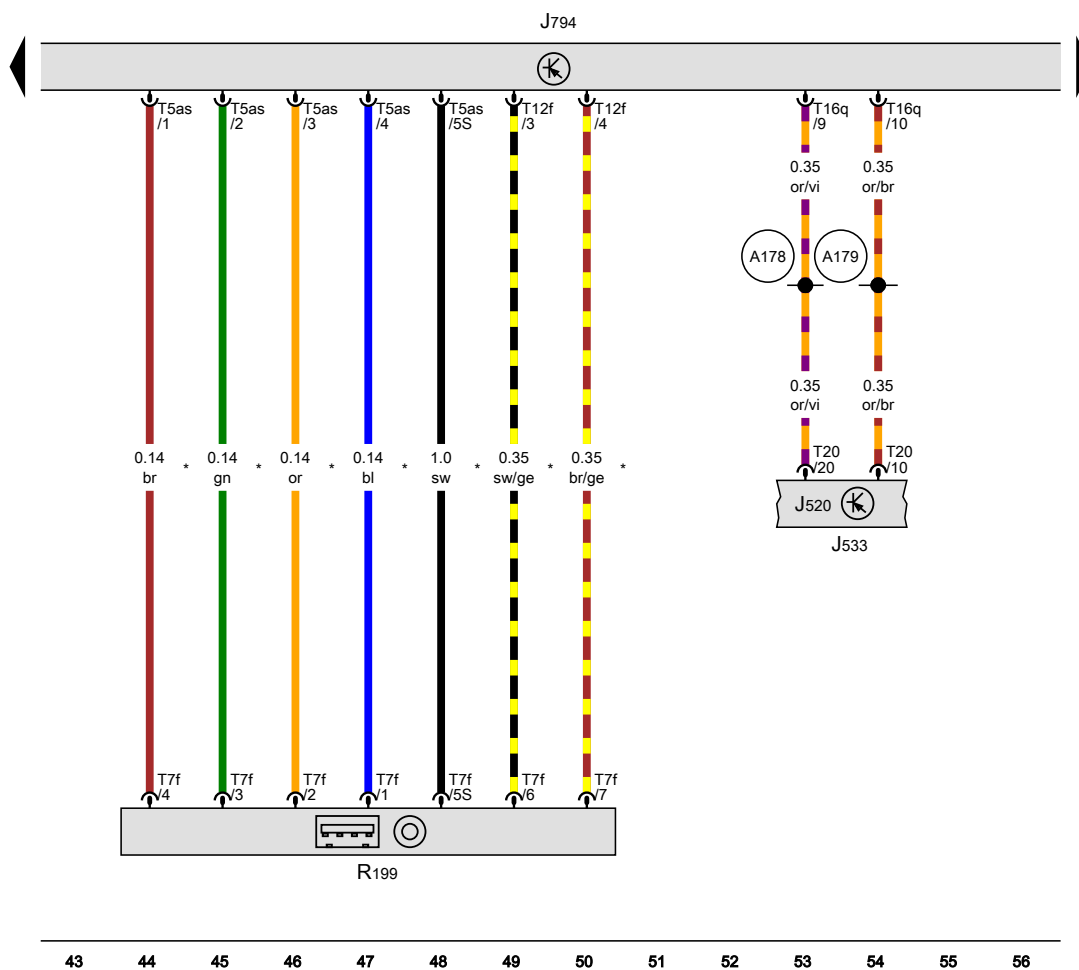
Connection for external audio sources

- J520 Onboard supply control unit 2
- J533 Data bus diagnostic interface
- J794 Control unit 1 for information electronics
- R199 Connection for external audio sources
- T5as 5-pin connector, yellow
- T7f 7-pin connector, black
- T12f 12-pin connector, green
- T16q 16-pin connector, black
- T20 20-pin connector

A178 Connection (infotainment CAN bus, high), in dash panel wiring harness

A179 Connection (infotainment CAN bus, low), in dash panel wiring harness

* From July 2018

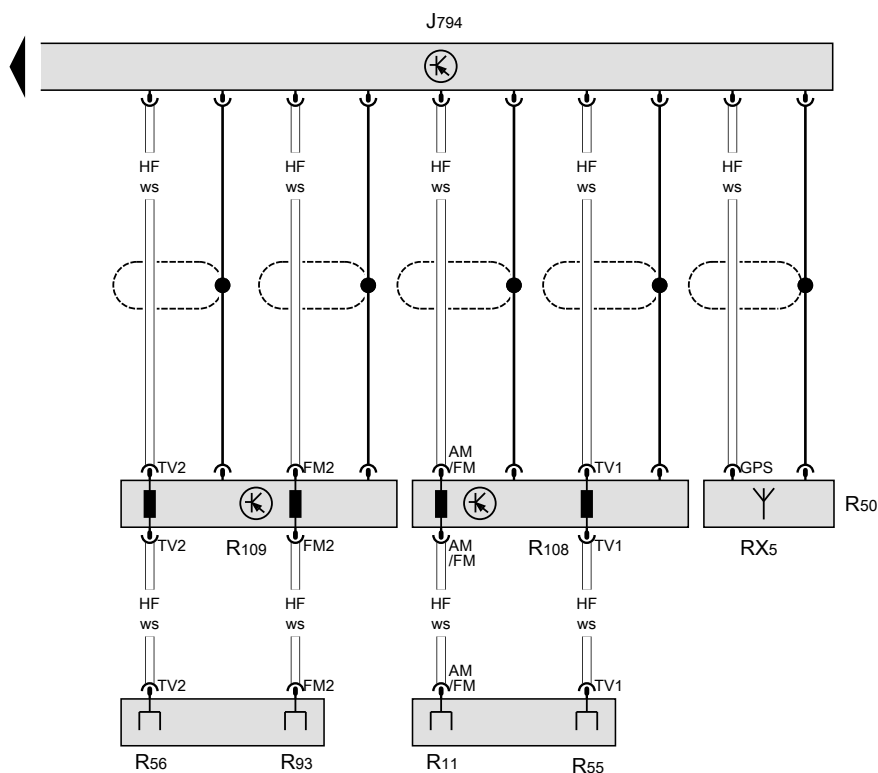


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[7N1-067051118]

Aerial, GPS aerial, TV aerial 2, Radio aerial 2

- J794 Control unit 1 for information electronics
- RX5 Roof aerial
- R11 Aerial
- R50 GPS aerial
- R55 TV aerial 1
- R56 TV aerial 2
- R93 Radio aerial 2
- R108 Left aerial module
- R109 Right aerial module



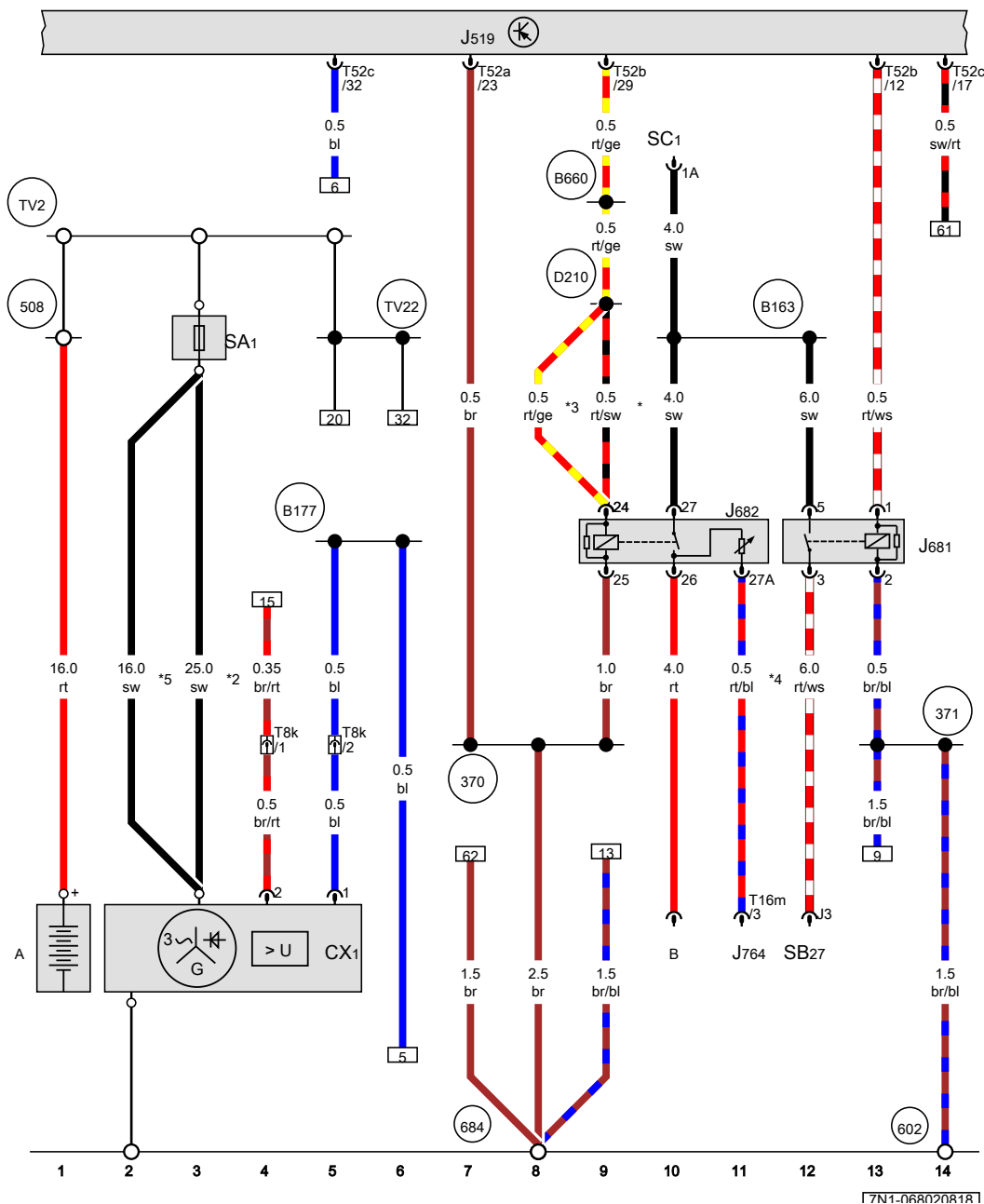
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57 58 59 60 61 62 63 64 65 66 67 68 69 70

[7N1-067061118]

1.8l petrol engine , CDAA

From August 2012



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Battery, Alternator with voltage regulator, Onboard supply control unit, Terminal 15 voltage supply relay 2, Terminal 50 voltage supply relay

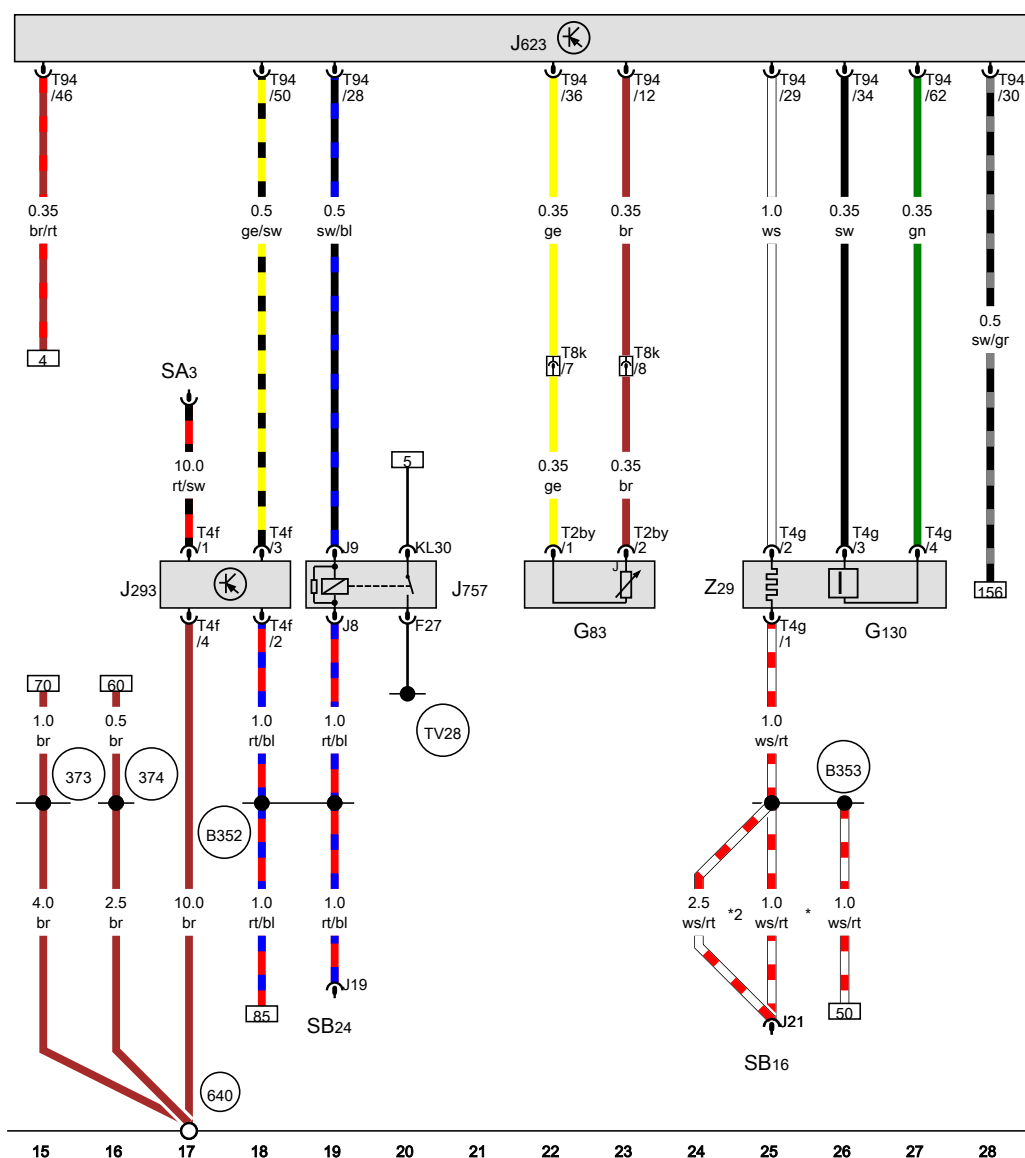
- A Battery
- B Starter
- CX1 Alternator with voltage regulator
- J519 Onboard supply control unit
- J681 Terminal 15 voltage supply relay 2
- J682 Terminal 50 voltage supply relay, on left in engine compartment, under E-box Low
- J764 Control unit for electronic steering column lock
- SA1 Fuse 1 on fuse holder A
- SC1 Fuse 1 on fuse holder C
- SB27 Fuse 27 on fuse holder B
- T8k 8-pin connector
- T16m 16-pin connector
- T52a 52-pin connector
- T52b 52-pin connector
- T52c 52-pin connector

- 370 Earth connection 5, in main wiring harness
- 371 Earth connection 6, in main wiring harness
- 508 Threaded connection (30) on E-box
- 602 Earth point, in front left footwell
- 684 Earth point on front of left side member
- B163 Positive connection 1 (15), in interior wiring harness
- B177 Connection (61), in interior wiring harness
- B660 Connection (diagnosis terminal 50), in main wiring harness
- D210 Connection (50), in engine compartment wiring harness
- TV2 Terminal 30 wiring junction
- TV22 Terminal 30 wiring junction 2
- * Up to November 2013
- *2 Up to May 2017
- *3 From November 2013
- *4 For models with entry and start authorisation
- *5 From May 2017

Radiator outlet coolant temperature sender, Lambda probe after catalytic converter, Radiator fan control unit, Engine/motor control unit, Engine component current supply relay

- G83 Radiator outlet coolant temperature sender
- G130 Lambda probe after catalytic converter
- J293 Radiator fan control unit
- J623 Engine/motor control unit
- J757 Engine component current supply relay
- SA3 Fuse 3 on fuse holder A
- SB16 Fuse 16 on fuse holder B
- SB24 Fuse 24 on fuse holder B
- T2by 2-pin connector
- T4f 4-pin connector
- T4g 4-pin connector
- T8k 8-pin connector
- T94 94-pin connector
- Z29 Lambda probe 1 heater after catalytic converter

- 373 Earth connection 8, in main wiring harness
- 374 Earth connection 9, in main wiring harness
- 640 Earth point 2, left in engine compartment
- B352 Positive connection 3 (87a) in main wiring harness
- B353 Positive connection 4 (87a) in main wiring harness
- TV28 Terminal 30 wiring junction 3
- * Up to May 2014
- *2 From May 2014



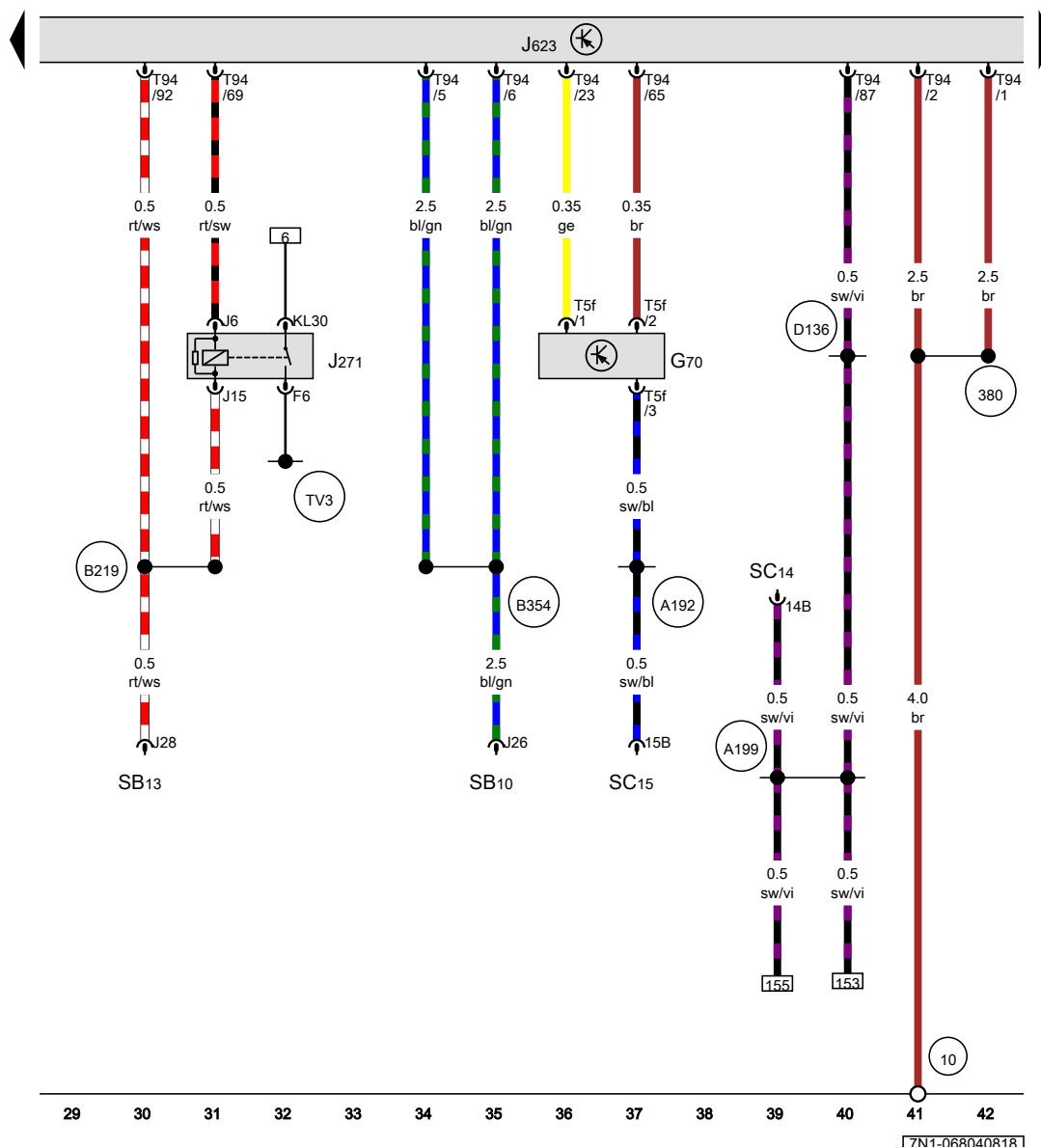
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Air mass meter, Main relay, Engine/motor control unit

- G70 Air mass meter
- J271 Main relay
- J623 Engine/motor control unit
- SB10 Fuse 10 on fuse holder B
- SB13 Fuse 13 on fuse holder B
- SC14 Fuse 14 on fuse holder C
- SC15 Fuse 15 on fuse holder C
- T5f 5-pin connector
- T94 94-pin connector

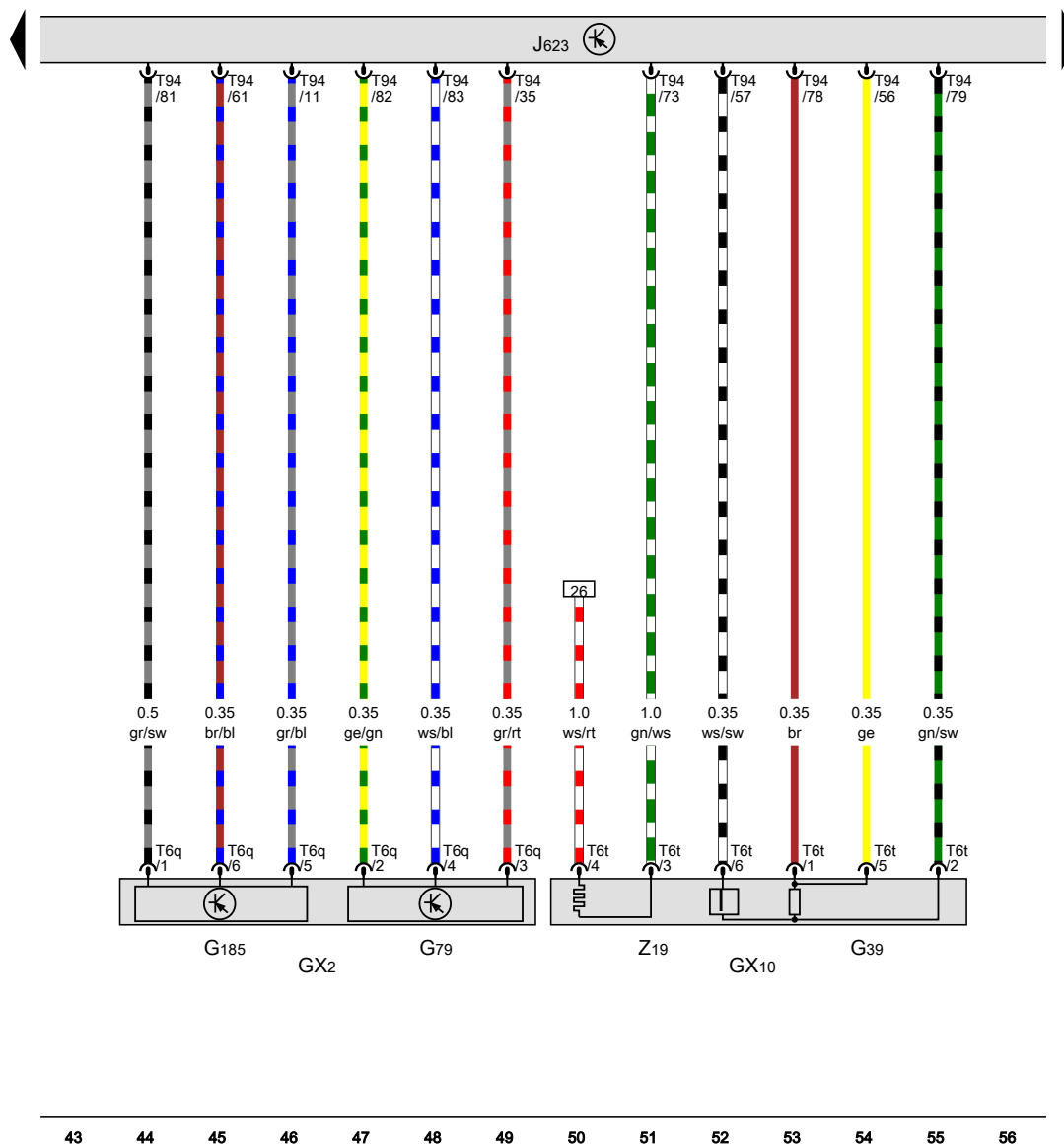
- 10 Earth point, in plenum chamber
- 380 Earth connection 15, in main wiring harness
- A192 Positive connection 3 (15a) in dash panel wiring harness
- A199 Positive connection 4 (15a) in dash panel wiring harness
- B219 Positive connection 4 (30a), in interior wiring harness
- B354 Positive connection 5 (87a) in main wiring harness
- D136 Positive connection 2 (15a), in engine compartment wiring harness
- TV3 Terminal 30a wiring junction

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Accelerator pedal module, Lambda probe 1 before catalytic converter, Engine/motor control unit

- GX2 Accelerator pedal module
- GX10 Lambda probe 1 before catalytic converter
- G39 Lambda probe
- G79 Accelerator position sender
- G185 Accelerator position sender 2
- J623 Engine/motor control unit
- T6q 6-pin connector
- T6t 6-pin connector
- T94 94-pin connector
- Z19 Lambda probe heater



17N1-0680508181

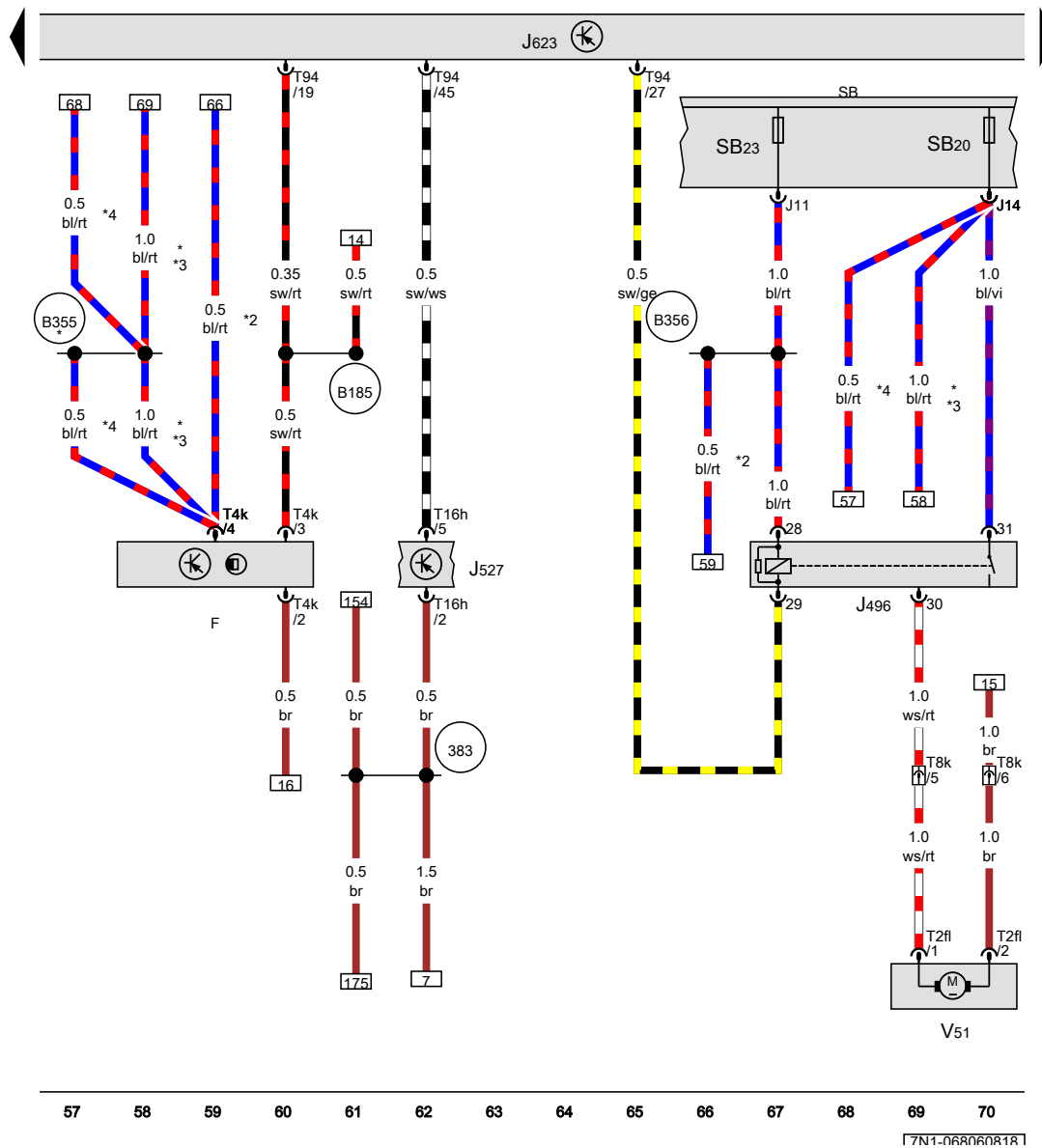
Brake light switch, Additional coolant pump relay, Engine/motor control unit, Fuse holder B, Continued coolant circulation pump

- F Brake light switch
- J496 Additional coolant pump relay, on left in engine compartment, under E-box Low
- J527 Steering column electronics control unit
- J623 Engine/motor control unit
- SB Fuse holder B
- SB20 Fuse 20 on fuse holder B
- SB23 Fuse 23 on fuse holder B
- T2fl 2-pin connector
- T4k 4-pin connector
- T8k 8-pin connector
- T16h 16-pin connector
- T94 94-pin connector
- V51 Continued coolant circulation pump

- 383 Earth connection 18, in main wiring harness
- B185 Connection 2 (54), in interior wiring harness
- B355 Positive connection 6 (87a) in main wiring harness
- B356 Positive connection 7 (87a) in main wiring harness

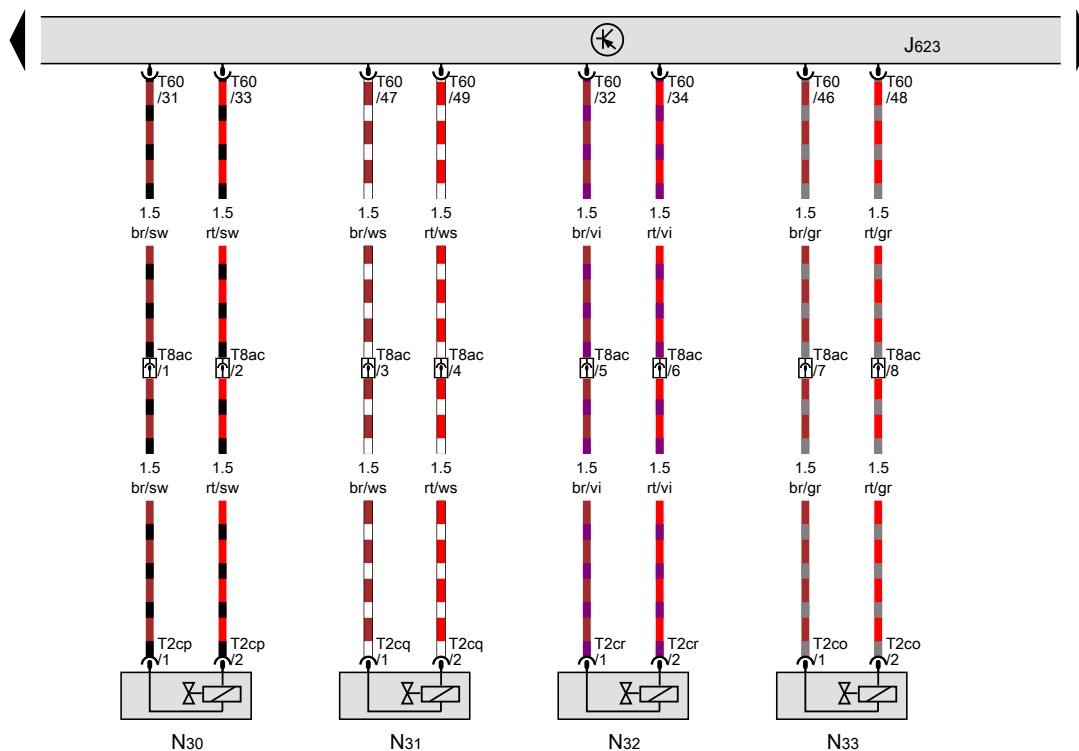
- * From May 2015
- *2 Up to May 2015
- *3 Up to May 2017
- *4 From May 2017

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

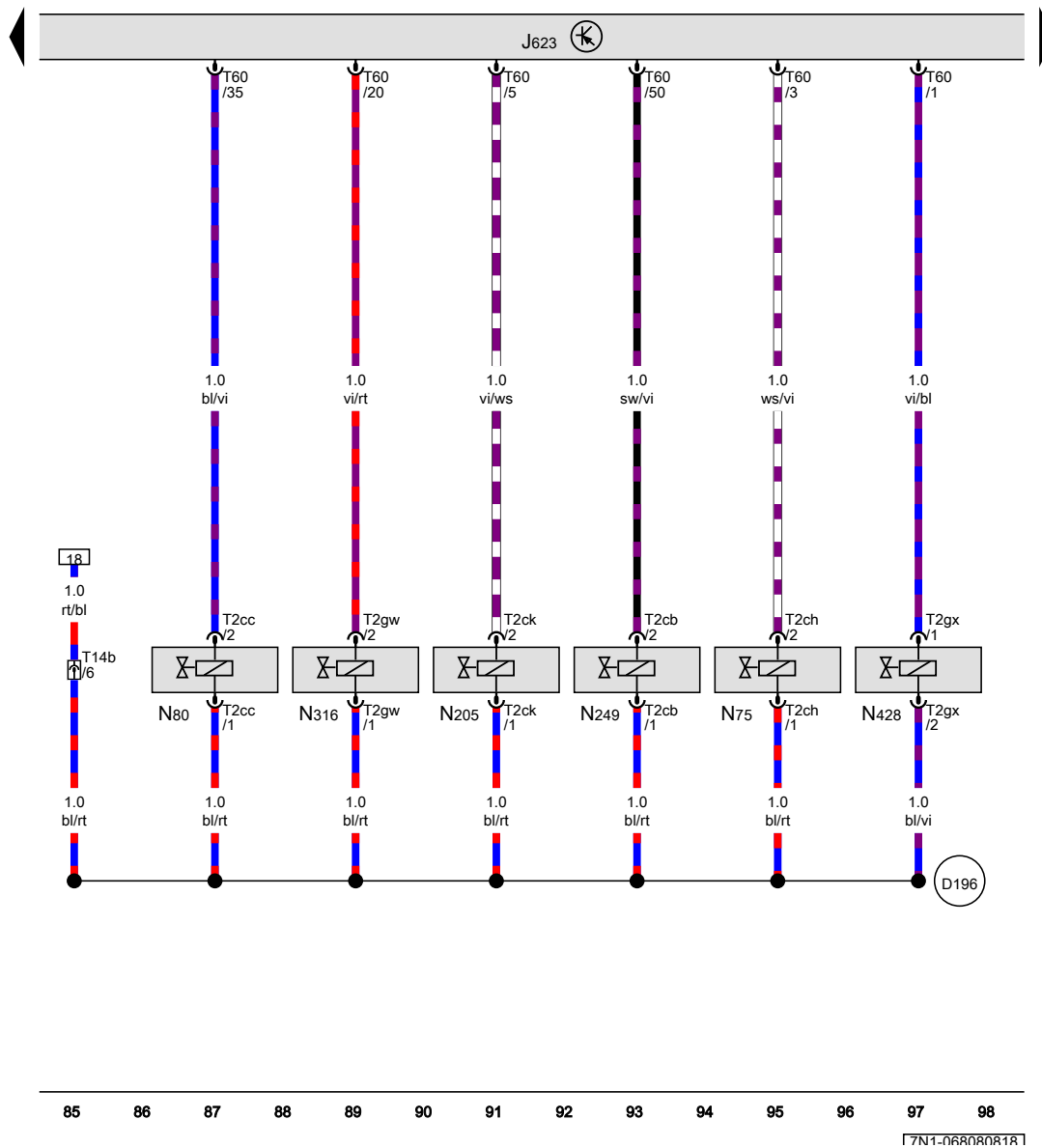
J623 Engine/motor control unit
N30 Injector, cylinder 1
N31 Injector, cylinder 2
N32 Injector, cylinder 3
N33 Injector, cylinder 4
T2co 2-pin connector
T2cp 2-pin connector
T2cq 2-pin connector
T2cr 2-pin connector
T8ac 8-pin connector
T60 60-pin connector



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Engine/motor control unit, Charge pressure control solenoid valve, Activated charcoal filter solenoid valve 1, Camshaft control valve 1, Turbocharger air recirculation valve, Intake manifold flap valve, Valve for oil pressure control

- J623 Engine/motor control unit
- N75 Charge pressure control solenoid valve
- N80 Activated charcoal filter solenoid valve 1
- N205 Camshaft control valve 1
- N249 Turbocharger air recirculation valve
- N316 Intake manifold flap valve
- N428 Valve for oil pressure control
- T2cb 2-pin connector
- T2cc 2-pin connector
- T2ch 2-pin connector
- T2ck 2-pin connector
- T2gw 2-pin connector
- T2gx 2-pin connector
- T14b 14-pin connector
- T60 60-pin connector
- D196 Connection 2 (87a) in engine prewiring harness

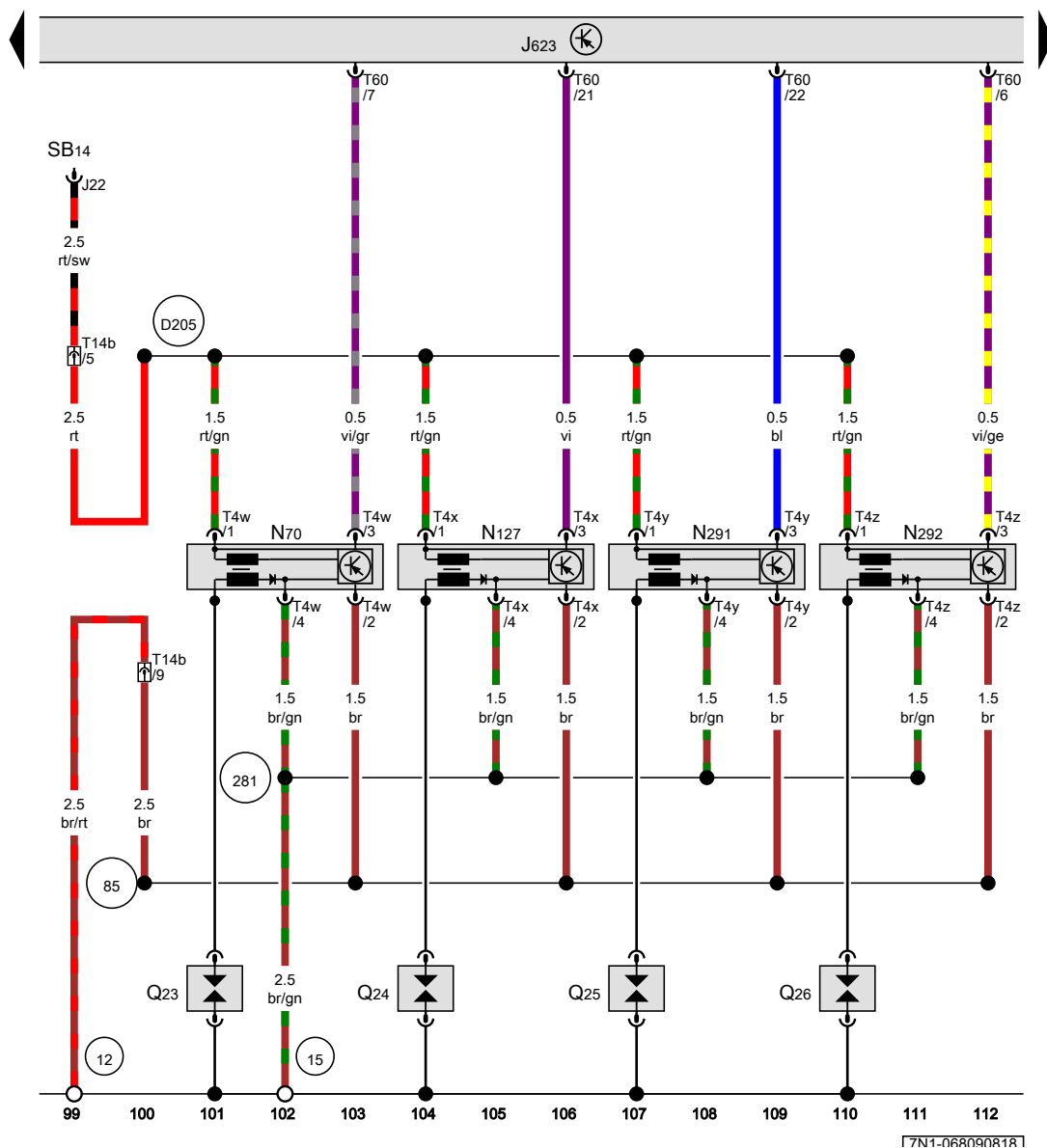


Engine/motor control unit, Ignition coil 1 with output stage, Ignition coil 2 with output stage, Ignition coil 3 with output stage, Ignition coil 4 with output stage

- 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
- Q23 Spark plug 1
- Q24 Spark plug 2
- Q25 Spark plug 3
- Q26 Spark plug 4
- SB14 Fuse 14 on fuse holder B
- T4w 4-pin connector
- T4x 4-pin connector
- T4y 4-pin connector
- T4z 4-pin connector
- T14b 14-pin connector
- T60 60-pin connector

- 12 Earth point, on left in engine compartment
- 15 Earth point, on cylinder head
- 85 Earth connection 1, in engine compartment wiring harness
- 281 Earth point 1, engine prewiring harness
- D205 Connection 3 (87a) in engine prewiring harness

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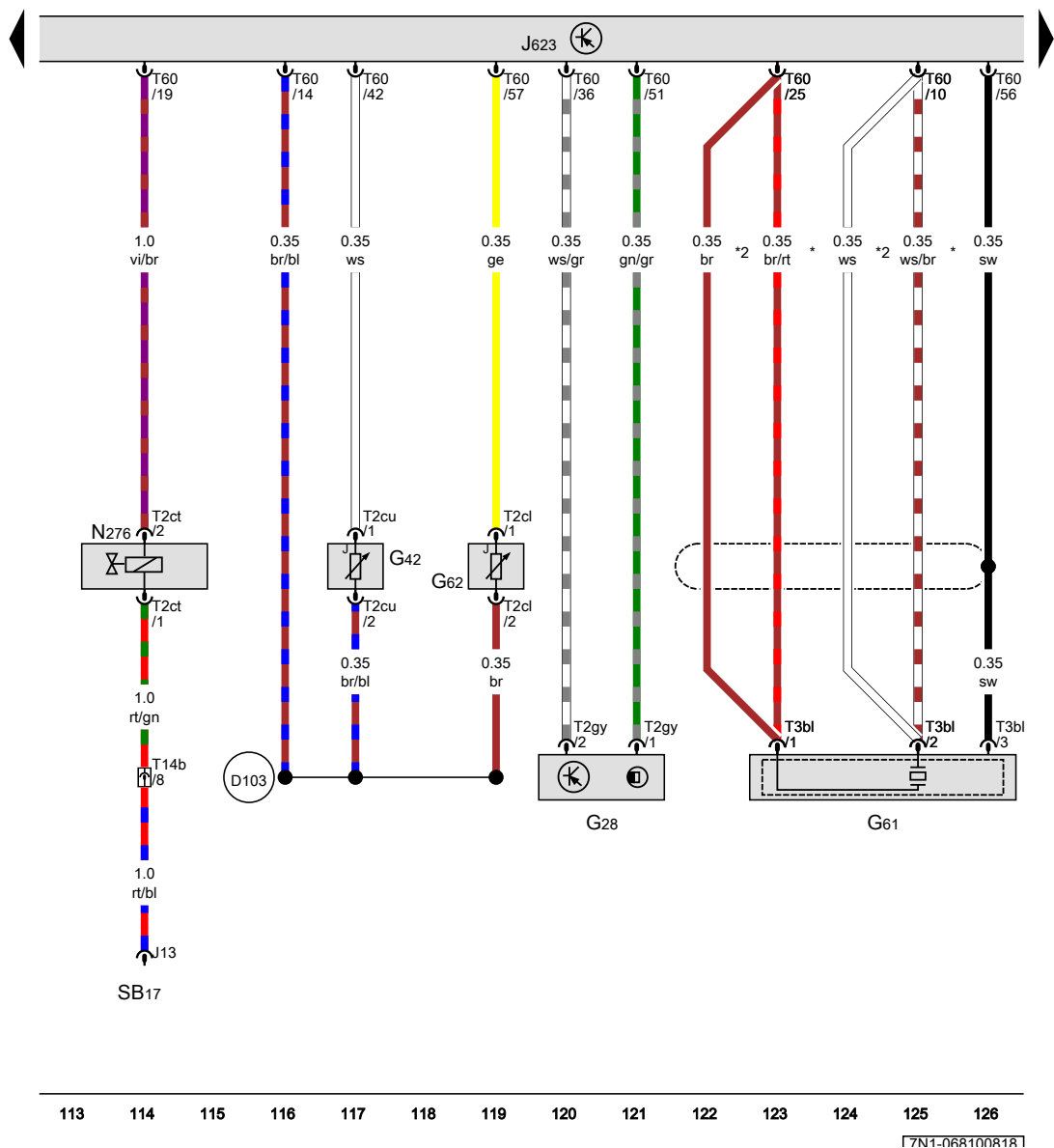
Engine speed sender, Intake air temperature sender, Knock sensor 1, Coolant temperature sender, Engine/motor control unit, Fuel pressure regulating valve

- G28 Engine speed sender
- G42 Intake air temperature sender
- G61 Knock sensor 1
- G62 Coolant temperature sender
- J623 Engine/motor control unit
- N276 Fuel pressure regulating valve
- SB17 Fuse 17 on fuse holder B
- T2cl 2-pin connector
- T2ct 2-pin connector
- T2cu 2-pin connector
- T2gy 2-pin connector
- T3bl 3-pin connector
- T14b 14-pin connector
- T60 60-pin connector

D103 Connection 3 in engine compartment wiring harness

* Up to May 2013

*2 From May 2013



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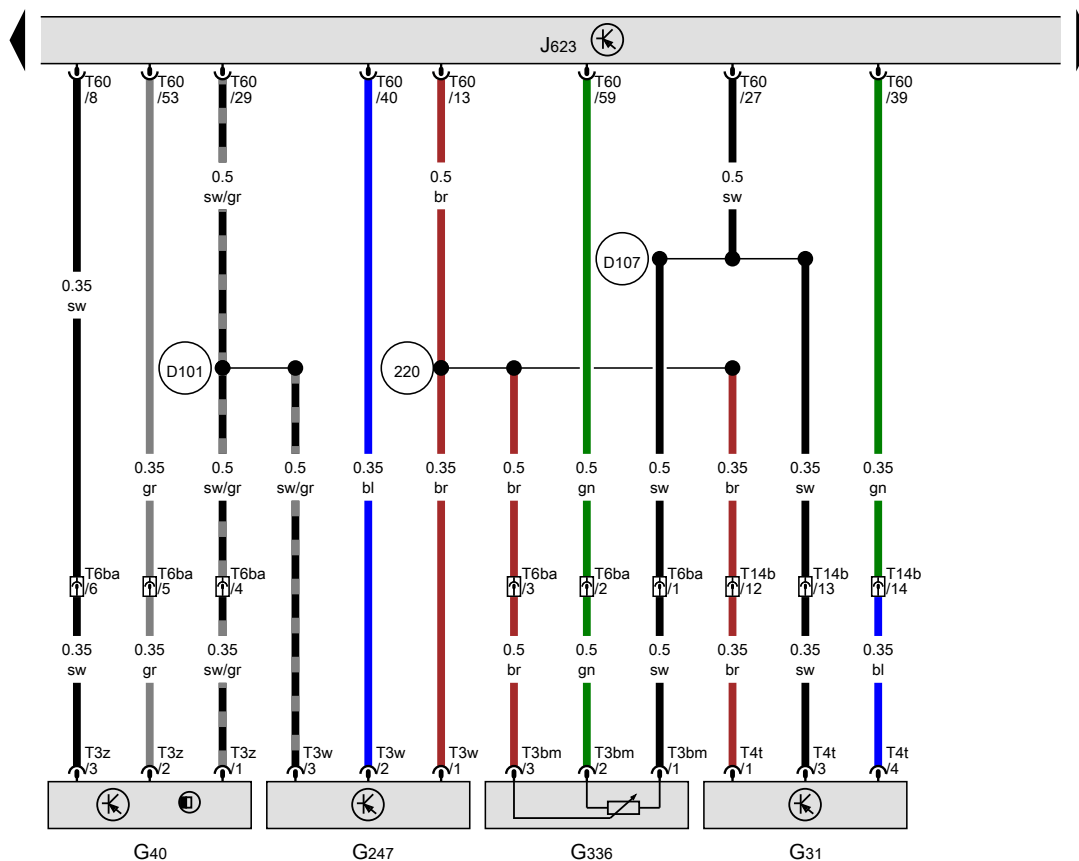
Charge pressure sender, Hall sender, Fuel pressure sender, Intake manifold flap potentiometer, Engine/motor control unit

- G31 Charge pressure sender
- G40 Hall sender
- G247 Fuel pressure sender
- G336 Intake manifold flap potentiometer
- J623 Engine/motor control unit
- T3bm 3-pin connector
- T3w 3-pin connector
- T3z 3-pin connector
- T4t 4-pin connector
- T6ba 6-pin connector
- T14b 14-pin connector
- T60 60-pin connector

220 Earth connection (sender earth), in engine wiring harness

D101 Connection 1 in engine compartment wiring harness

D107 Connection 5 in engine compartment wiring harness

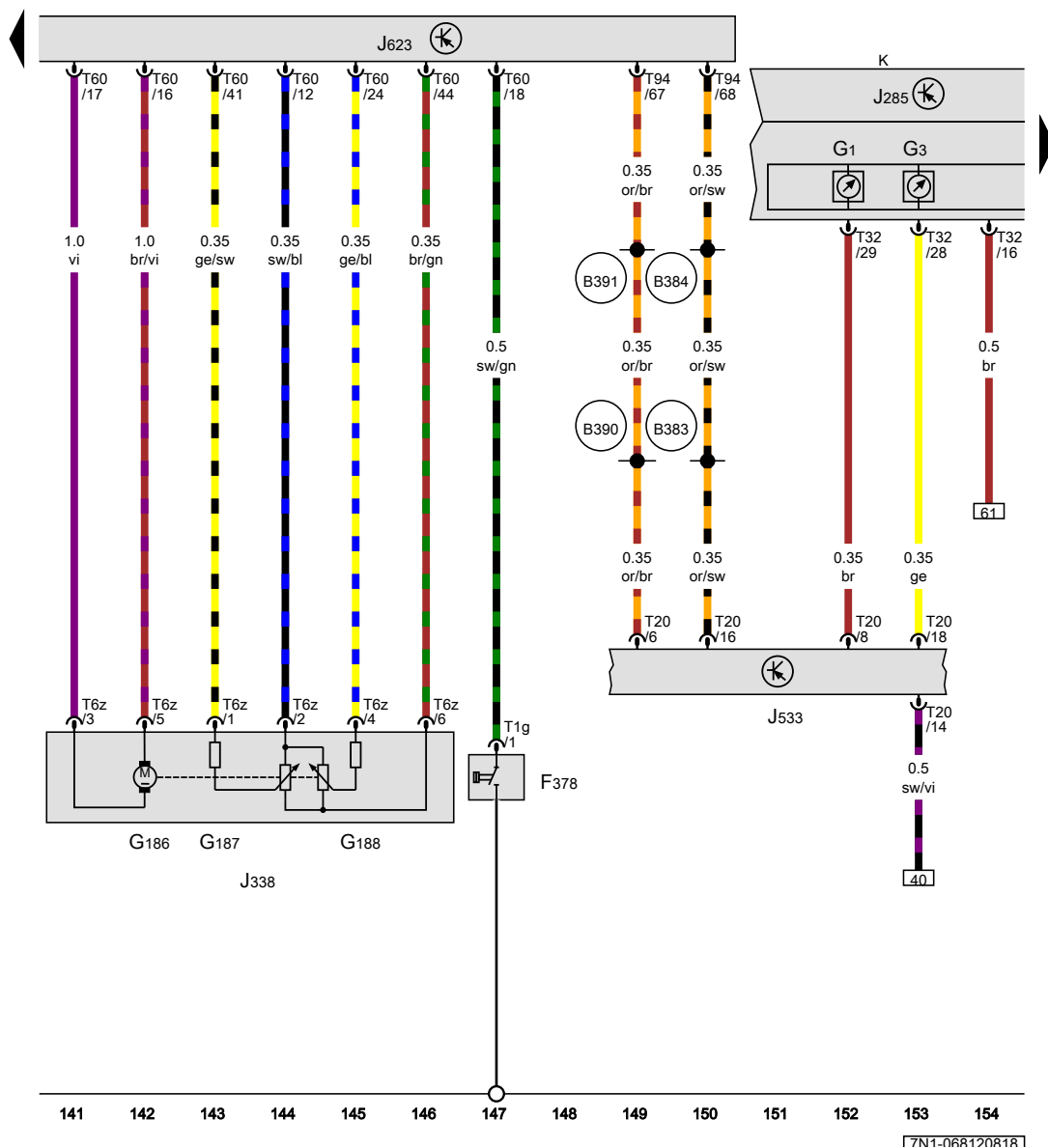


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127 128 129 130 131 132 133 134 135 136 137 138 139 140

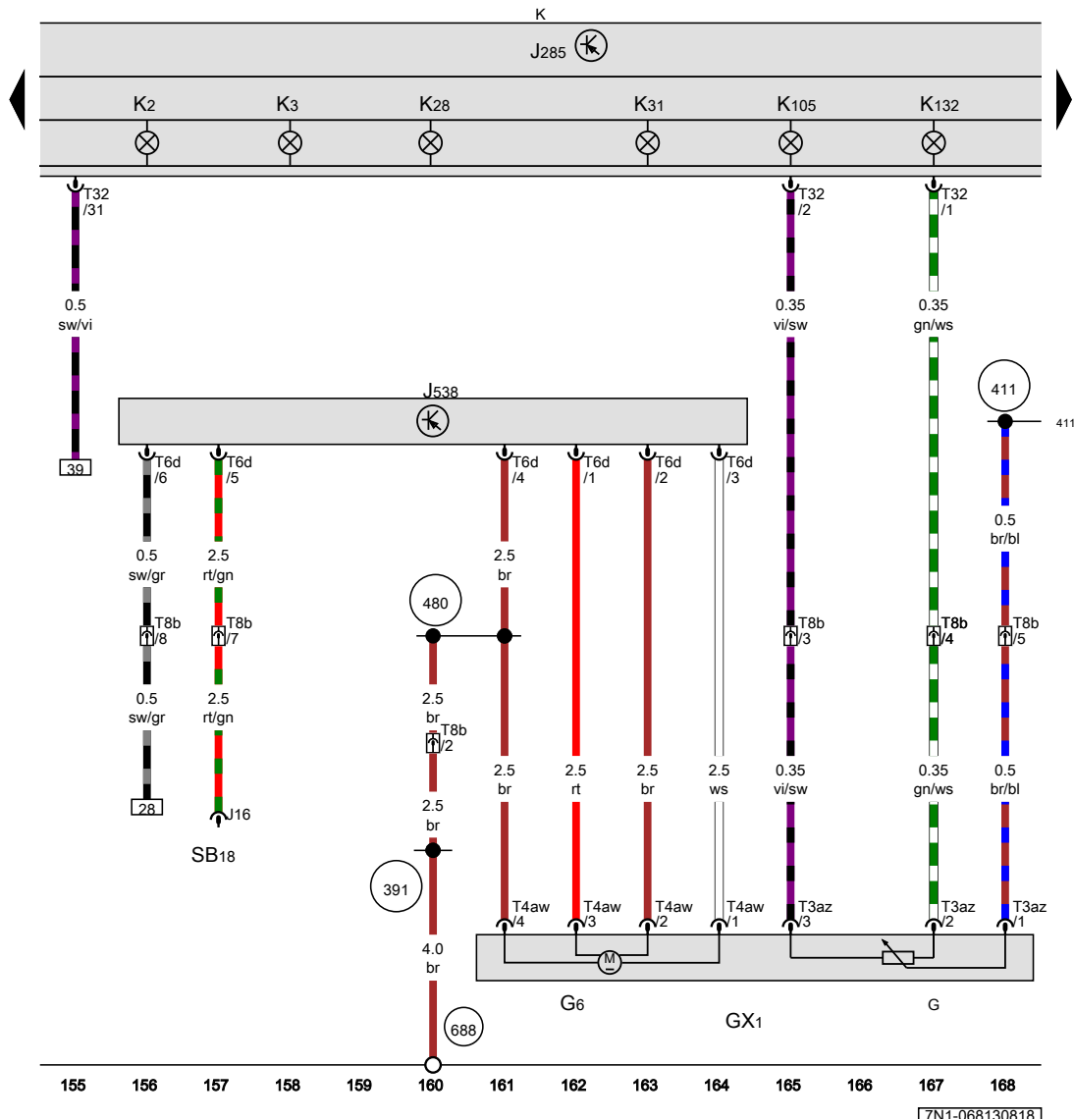
[7N1-06R110R18]

Oil pressure switch for reduced oil pressure, Throttle valve module, Data bus diagnostic interface, Engine/motor control unit, Dash panel insert



- F378 Oil pressure switch for reduced oil pressure
- G1 Fuel gauge
- G3 Coolant temperature gauge
- 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
- J285 Control unit in dash panel insert
- J338 Throttle valve module
- J533 Data bus diagnostic interface
- J623 Engine/motor control unit
- K Dash panel insert
- T1g 1-pin connector
- T6z 6-pin connector
- T20 20-pin connector
- T32 32-pin connector
- T60 60-pin connector
- T94 94-pin connector
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B384 Connection 2 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- B391 Connection 2 (powertrain CAN bus, low), in main wiring harness

Fuel delivery unit, Fuel pump control unit, Dash panel insert

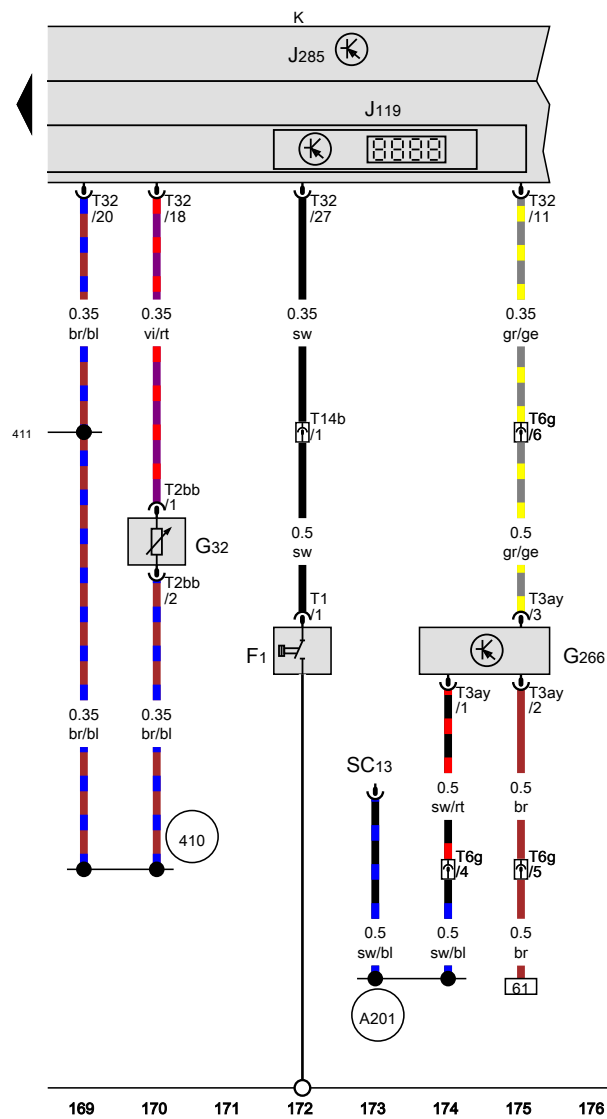


- G Fuel gauge sender
- GX1 Fuel delivery unit
- G6 Fuel system pressurisation pump
- J285 Control unit in dash panel insert
- J538 Fuel pump control unit
- K Dash panel insert
- K2 Alternator warning lamp
- K3 Oil pressure warning lamp
- K28 Coolant temperature and coolant shortage warning lamp
- K31 Cruise control system warning lamp
- K105 Reserve fuel warning lamp
- K132 Electronic power control fault lamp
- SB18 Fuse 18 on fuse holder B
- T3az 3-pin connector
- T4aw 4-pin connector
- T6d 6-pin connector
- T8b 8-pin connector
- T32 32-pin connector

- 391 Earth connection 26, in main wiring harness
- 411 Earth connection 2 (sender earth) in main wiring harness
- 480 Earth connection, in fuel tank wiring harness
- 688 Earth point 2, on centre tunnel

- ws = white
- 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, Coolant shortage indicator sender, Dash panel insert



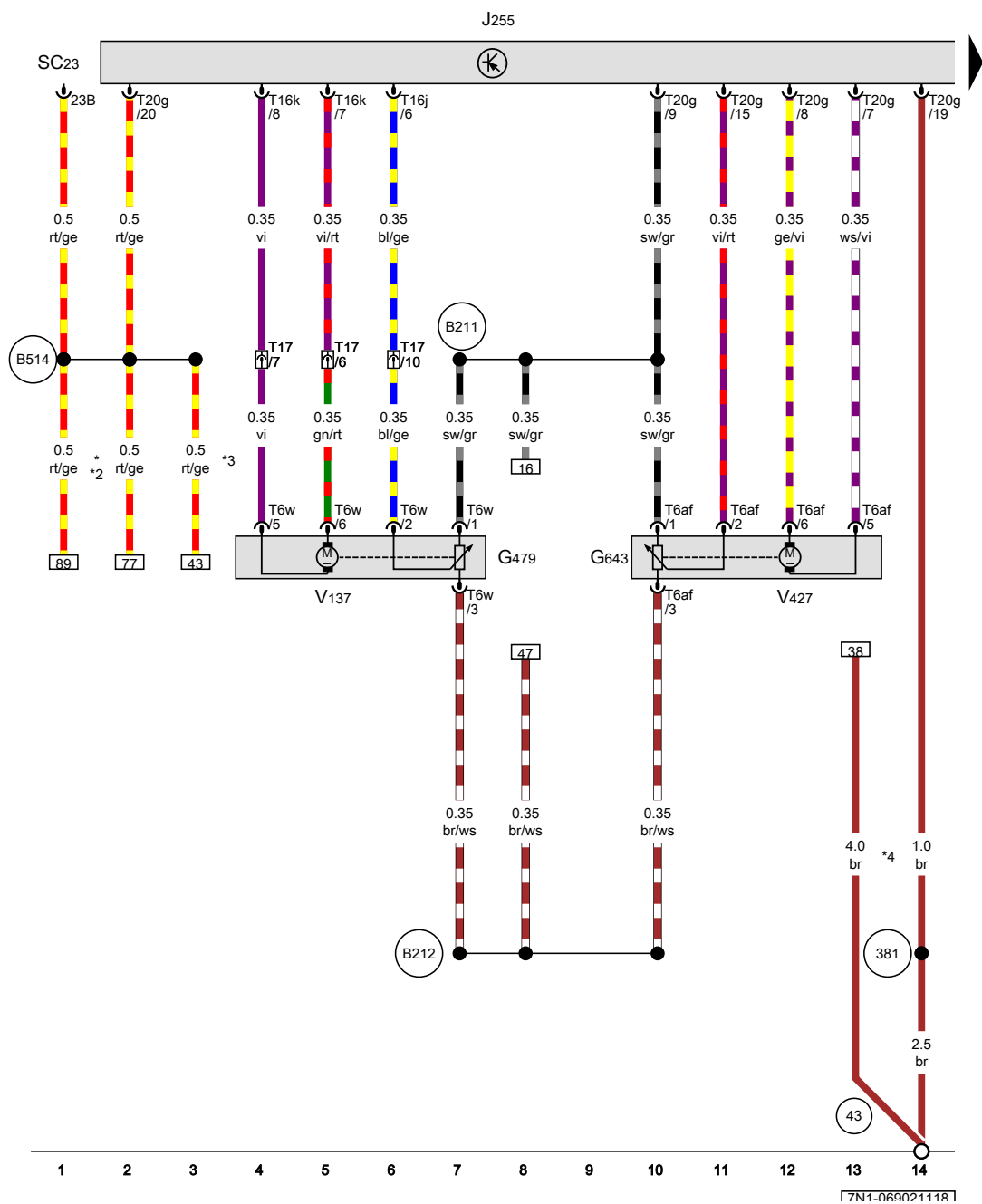
ws = white
sw = black
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- F1 Oil pressure switch
- G32 Coolant shortage indicator sender
- G266 Oil level and oil temperature sender
- J119 Multifunction indicator
- J285 Control unit in dash panel insert
- K Dash panel insert
- SC13 Fuse 13 on fuse holder C
- T1 1-pin connector
- T2bb 2-pin connector
- T3ay 3-pin connector
- T6g 6-pin connector, black
- T14b 14-pin connector
- T32 32-pin connector

- 410 Earth connection 1 (sender earth) in main wiring harness
- 411 Earth connection 2 (sender earth) in main wiring harness
- A201 Positive connection 6 (15a) in dash panel wiring harness

Climatronic

From November 2012



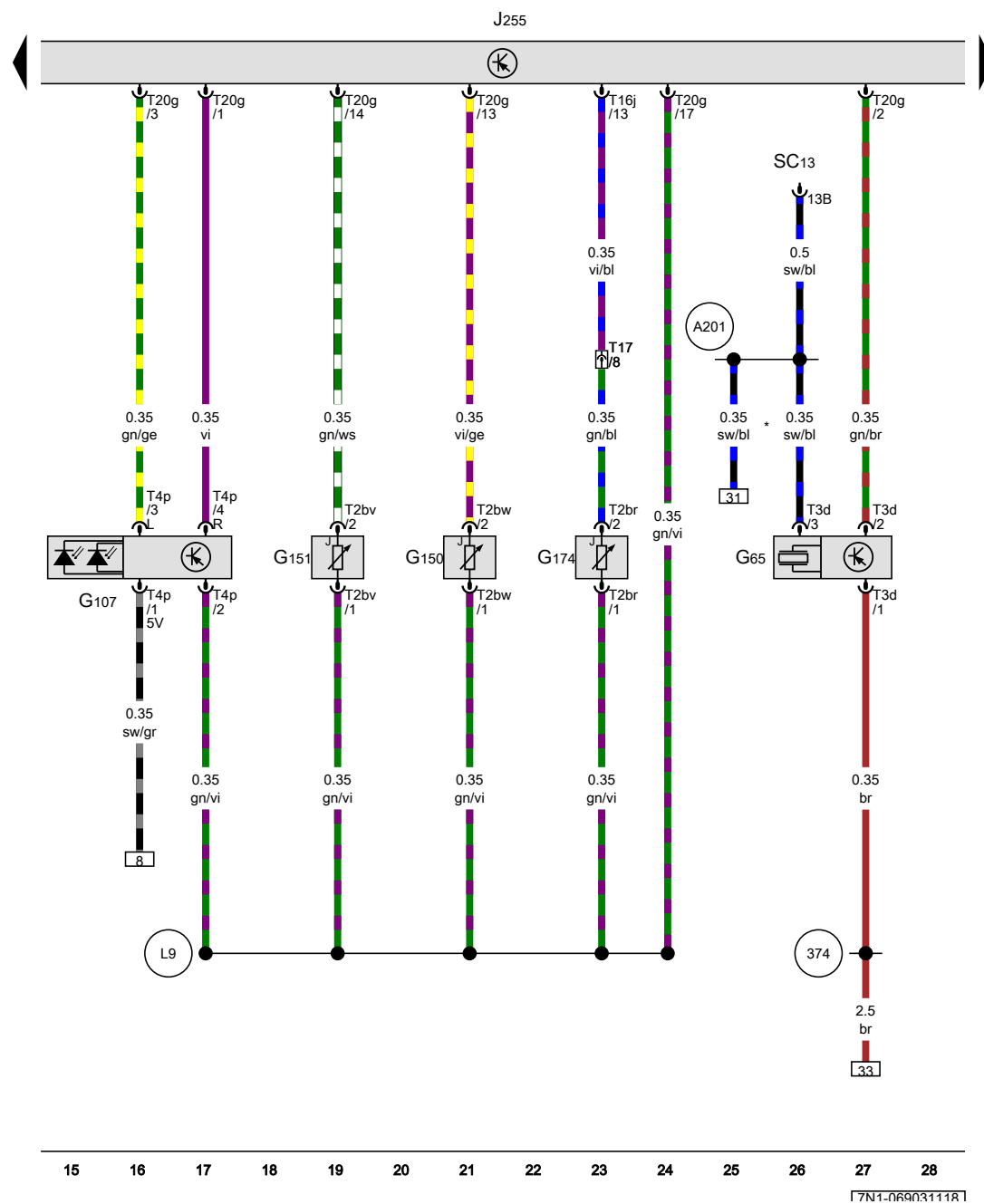
Potentiometer for rear air distribution flap control motor, Climatronic control unit

- G479 Potentiometer for rear temperature flap motor
- G643 Potentiometer for rear air distribution flap control motor
- J255 Climatronic control unit, in centre console
- SC23 Fuse 23 on fuse holder C
- T6af 6-pin connector
- T6w 6-pin connector
- T16j 16-pin connector, black
- T16k 16-pin connector, brown
- T17 17-pin connector
- T20g 20-pin connector
- V137 Rear temperature flap control motor
- V427 Rear air distribution flap control motor

- 43 Earth point, lower part of right A-pillar
- 381 Earth connection 16, in main wiring harness
- B211 Connection 1 (Climatronic rear), in interior wiring harness
- B212 Connection 2 (Climatronic rear), in interior wiring harness
- B514 Positive connection 10 (30a), in interior wiring harness

- * According to equipment
- *2 Up to November 2017
- *3 From May 2016
- *4 From November 2018

- ws = white
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High-pressure sender, Sunlight penetration photosensor, Left vent temperature sender, Right vent temperature sender, Rear vent temperature sender, Climatronic control unit

- G65 High-pressure sender
- G107 Sunlight penetration photosensor
- G150 Left vent temperature sender
- G151 Right vent temperature sender
- G174 Rear vent temperature sender
- J255 Climatronic control unit, in centre console
- SC13 Fuse 13 on fuse holder C
- T2br 2-pin connector
- T2bv 2-pin connector
- T2bw 2-pin connector
- T3d 3-pin connector
- T4p 4-pin connector
- T16j 16-pin connector, black
- T17 17-pin connector
- T20g 20-pin connector

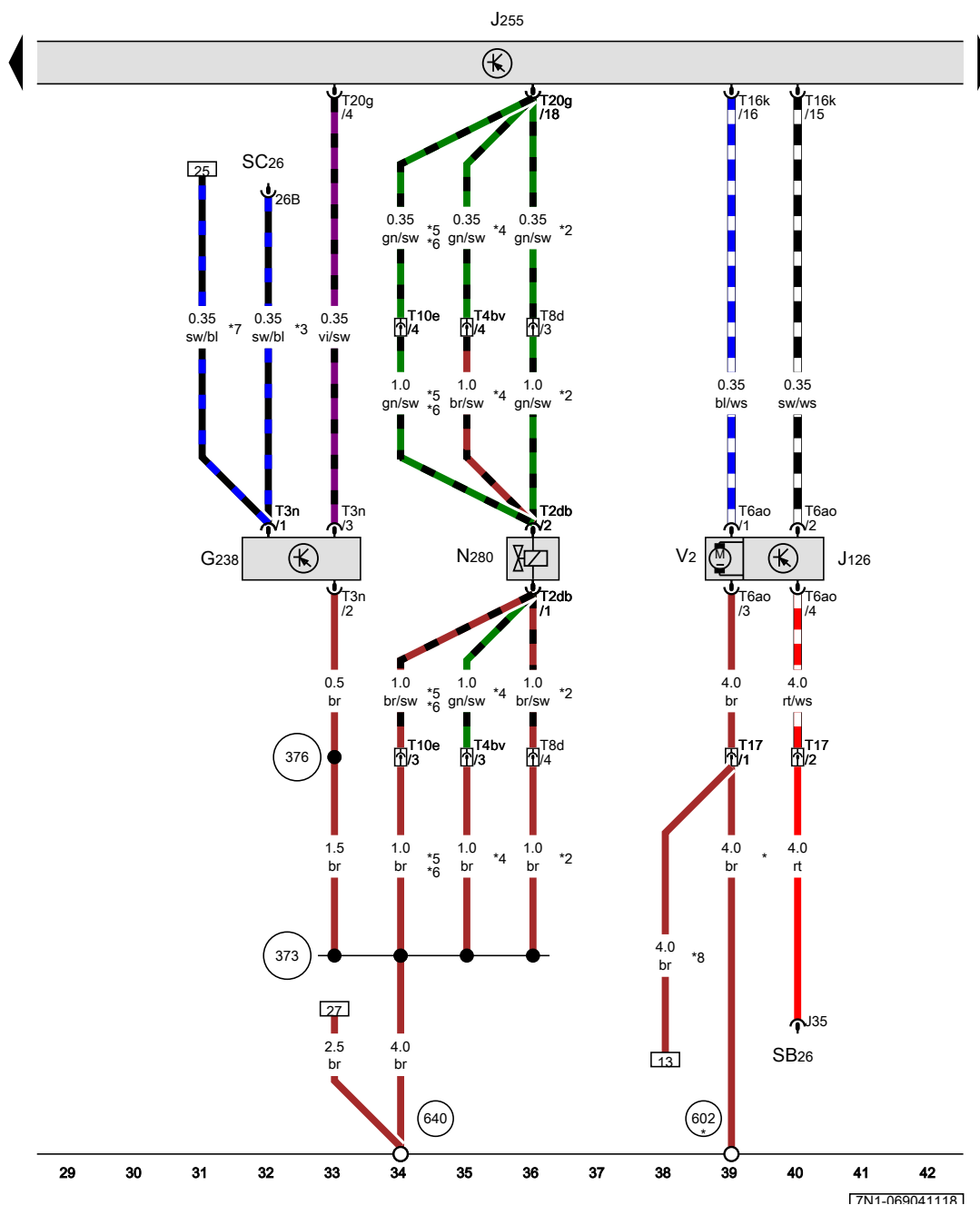
374 Earth connection 9, in main wiring harness

A201 Positive connection 6 (15a) in dash panel wiring harness

L9 Connection 1, in air conditioning system wiring harness

* 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



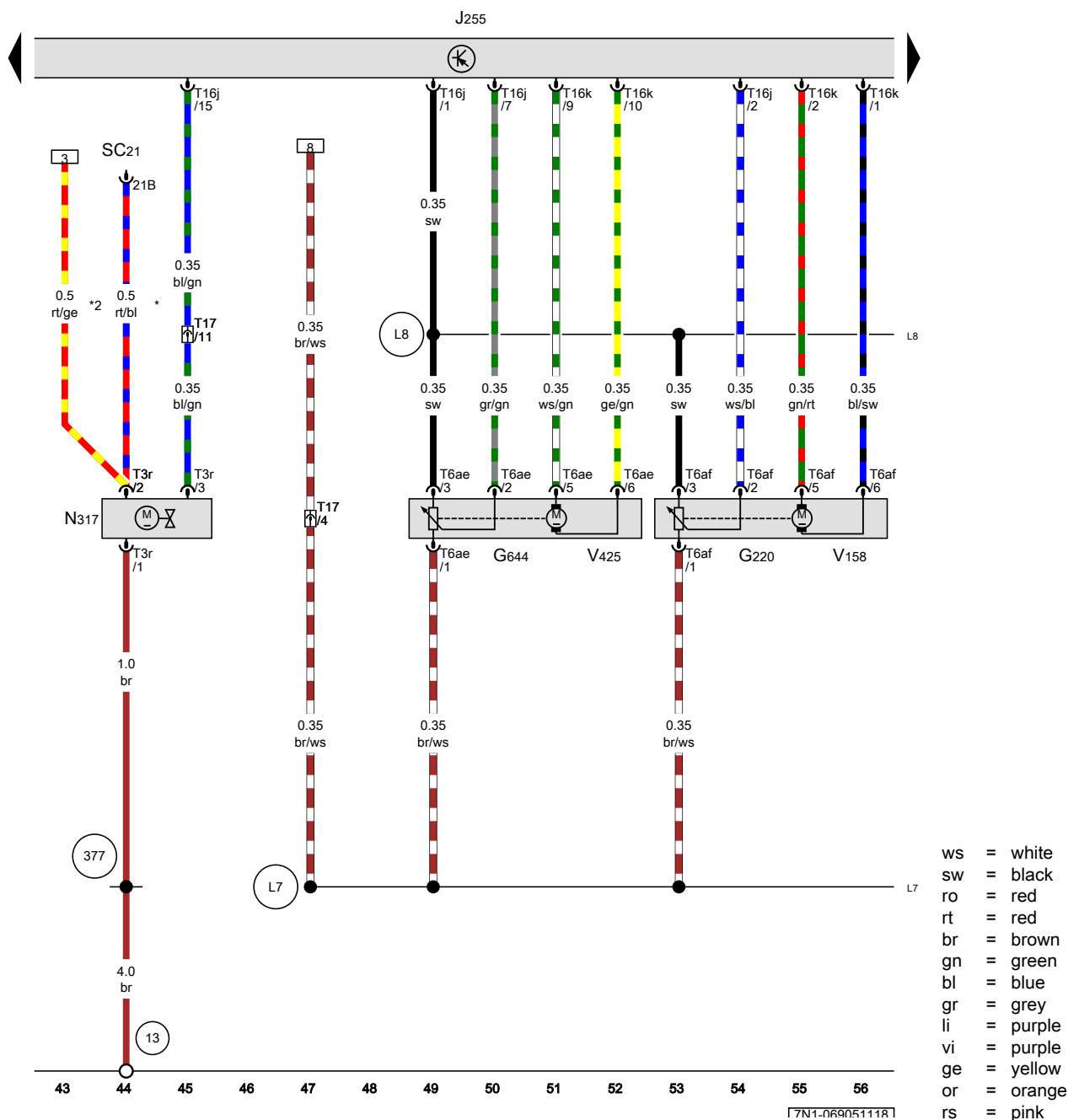
Air quality sensor, Fresh air blower control unit, Climatronic control unit, Air conditioner compressor regulating valve, Fresh air blower

- G238 Air quality sensor
- J126 Fresh air blower control unit
- J255 Climatronic control unit, in centre console
- N280 Air conditioner compressor regulating valve
- SB26 Fuse 26 on fuse holder B
- SC26 Fuse 26 on fuse holder C
- T2db 2-pin connector
- T3n 3-pin connector
- T4bv 4-pin connector, black
- T6ao 6-pin connector
- T8d 8-pin connector
- T10e 10-pin connector, black
- T16k 16-pin connector, brown
- T17 17-pin connector
- T20g 20-pin connector
- V2 Fresh air blower

- 373 Earth connection 8, in main wiring harness
- 376 Earth connection 11, in main wiring harness
- 602 Earth point, in front left footwell
- 640 Earth point 2, left in engine compartment

- * Up to November 2018
- *2 For models with diesel engine
- *3 Up to May 2016
- *4 For models with 1.4l engine
- *5 For models with 2.0l engine
- *6 For models with petrol engine
- *7 From May 2016
- *8 From November 2018

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- rt = red
- br = brown
- gn = green
- bl = blue
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- vi = purple
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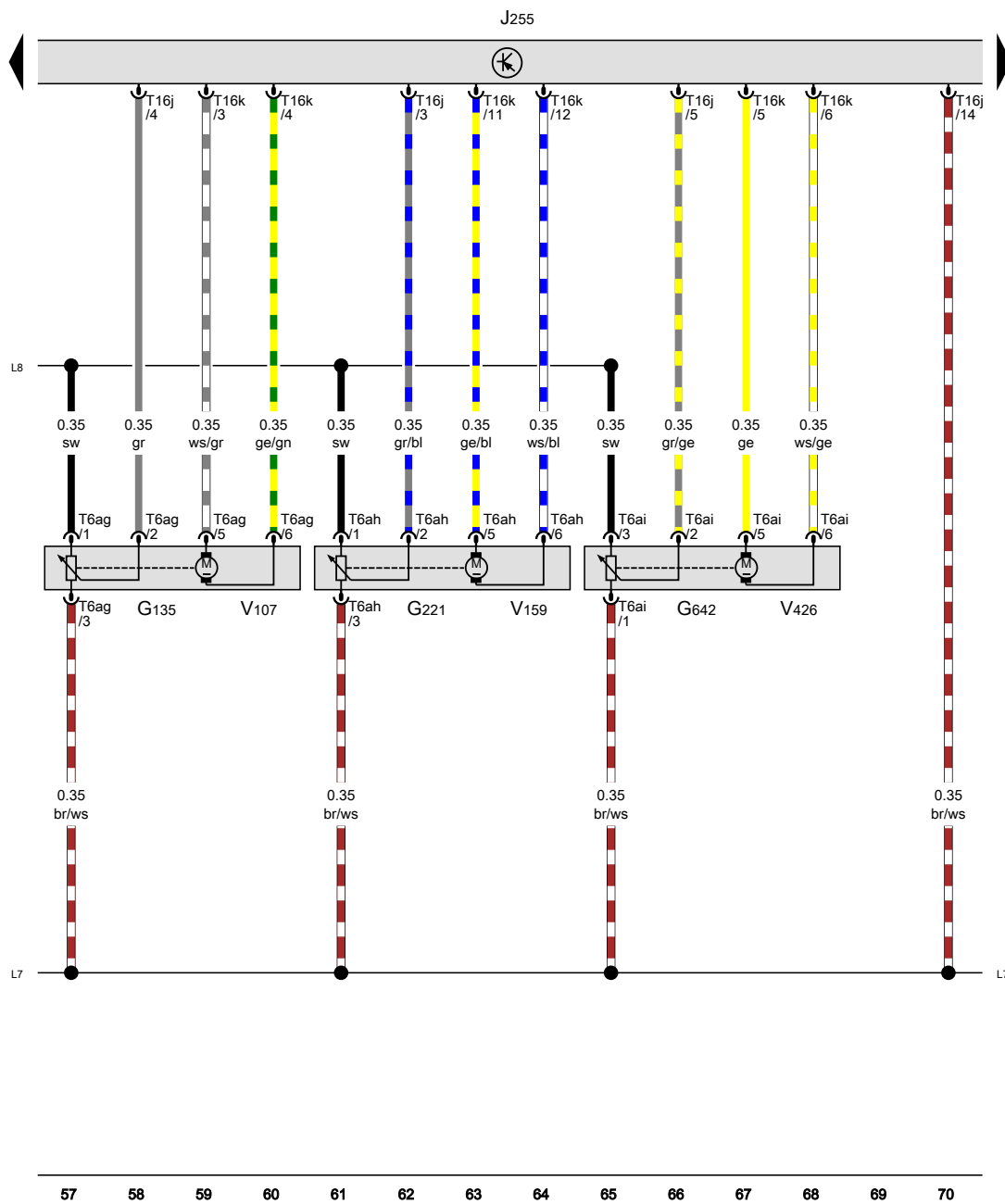
Potentiometer for left temperature flap control motor, Potentiometer for fresh air/air recirculation, air flow flap control motor, Climatronic control unit, 2nd heat exchanger switch-off valve, Left temperature flap control motor, Fresh air/air recirculation, air flow flap control motor

G220	Potentiometer for left temperature flap control motor
G644	Potentiometer for fresh air/air recirculation, air flow flap control motor
J255	Climatronic control unit, in centre console
N317	2nd heat exchanger switch-off valve
SC21	Fuse 21 on fuse holder C
T3r	3-pin connector
T6ae	6-pin connector
T6af	6-pin connector
T16j	16-pin connector, black
T16k	16-pin connector, brown
T17	17-pin connector
V158	Left temperature flap control motor
V425	Fresh air/air recirculation, air flow flap control motor

- 13 Earth point, on right in engine compartment
- 377 Earth connection 12, in main wiring harness
- L7 Connection 3, in evaporator housing unit wiring harness
- L8 Connection 4, in evaporator housing unit wiring harness

* Up to May 2016
*2 From May 2016

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rt	=	red
br	=	brown
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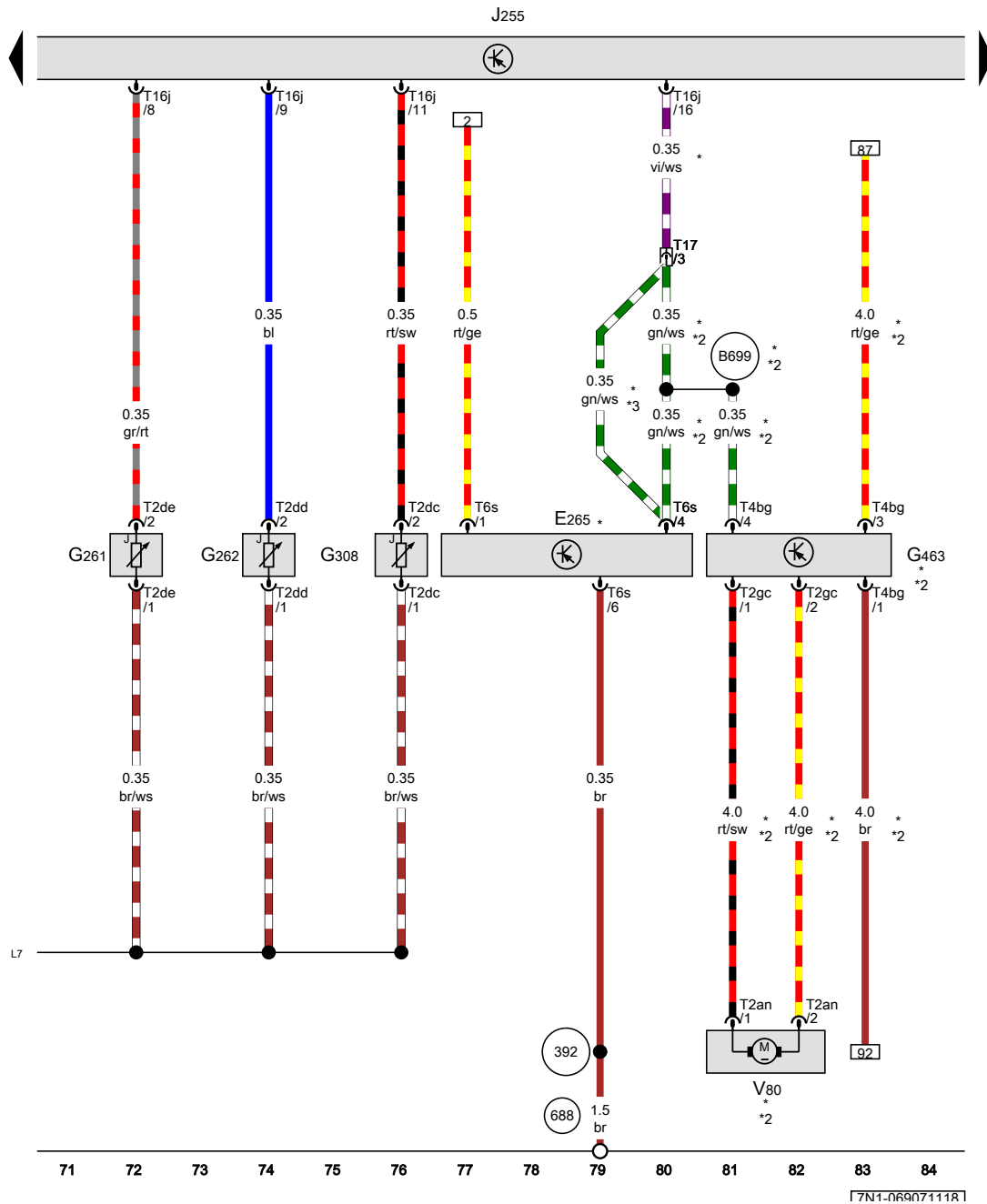


17N1-069061118

Potentiometer for defroster flap control motor,
Potentiometer for right temperature flap control motor,
Potentiometer for front air distribution flap control motor,
Climatronic control unit, Defroster flap control motor, Right
temperature flap control motor, Front air distribution flap
control motor

- G135 Potentiometer for defroster flap control motor
- G221 Potentiometer for right temperature flap control motor
- G642 Potentiometer for front air distribution flap control motor
- J255 Climatronic control unit, in centre console
- T6ag 6-pin connector
- T6ah 6-pin connector
- T6ai 6-pin connector
- T16j 16-pin connector, black
- T16k 16-pin connector, brown
- V107 Defroster 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



Operating and display unit for rear air conditioning system, Left footwell vent temperature sender, Right footwell vent temperature sender, Evaporator temperature sensor, Rear blower regulation sender, Climatronic control unit, Rear fresh air blower

- E265 Operating and display unit for rear air conditioning system
- G261 Left footwell vent temperature sender
- G262 Right footwell vent temperature sender
- G308 Evaporator temperature sensor
- G463 Rear blower regulation sender
- J255 Climatronic control unit, in centre console
- T2an 2-pin connector, black
- T2dc 2-pin connector
- T2dd 2-pin connector
- T2de 2-pin connector
- T2gc 2-pin connector, black
- T4bg 4-pin connector, black
- T6s 6-pin connector
- T16j 16-pin connector, black
- T17 17-pin connector
- V80 Rear fresh air blower

392 Earth connection 27, in main wiring harness

688 Earth point 2, on centre tunnel

B699 Connection 4 (LIN bus) in main wiring harness

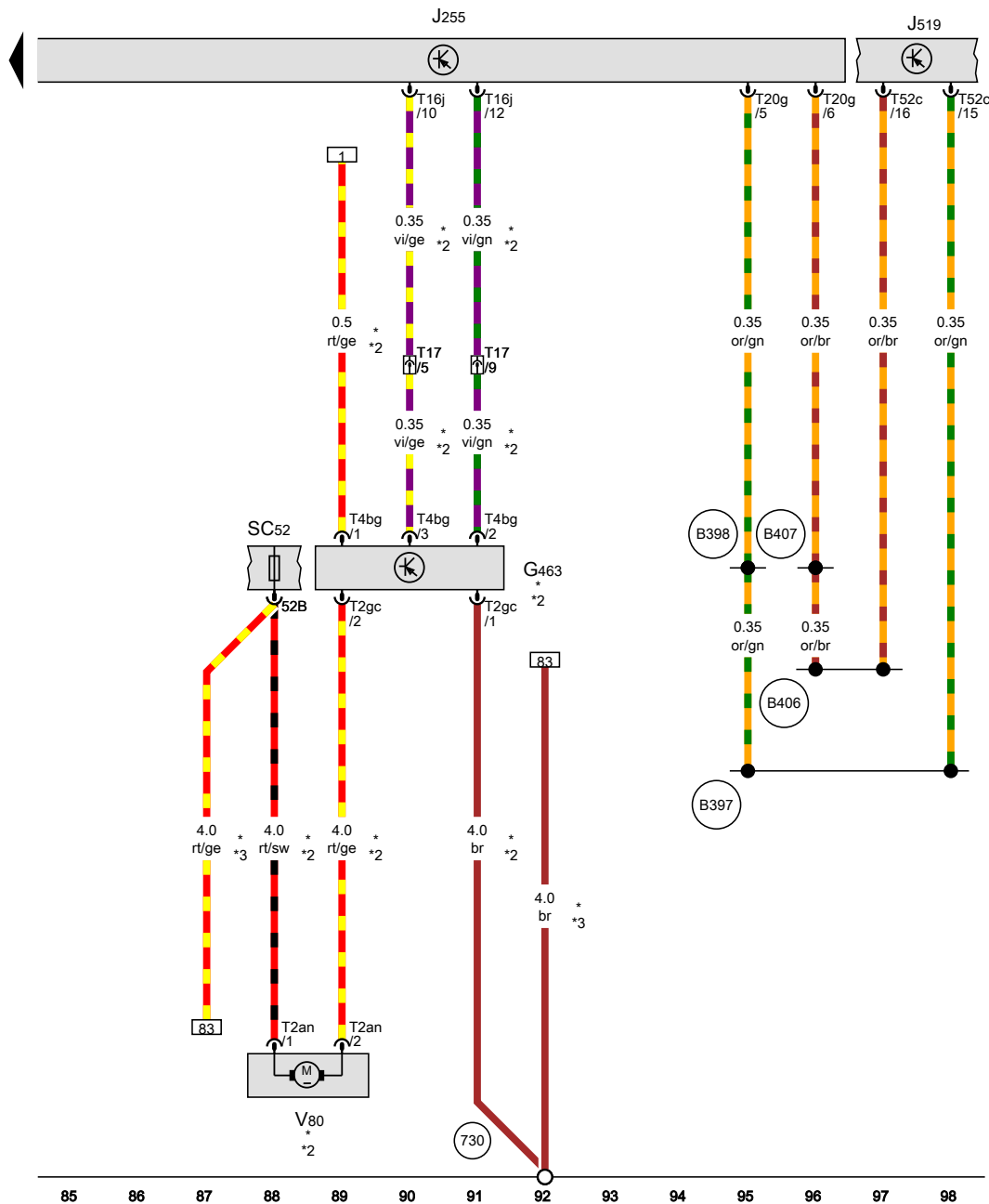
L7 Connection 3, in evaporator housing unit wiring harness

* According to equipment

*2 From November 2017

*3 Up to November 2017

ws = white
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Rear blower regulation sender, Climatronic control unit, Onboard supply control unit, Rear fresh air blower

- G463 Rear blower regulation sender
- J255 Climatronic control unit, in centre console
- J519 Onboard supply control unit
- SC52 Fuse 52 on fuse holder C
- T2an 2-pin connector
- T2gc 2-pin connector
- T4bg 4-pin connector
- T16j 16-pin connector, black
- T17 17-pin connector
- T20g 20-pin connector
- T52c 52-pin connector
- V80 Rear fresh air blower

- 730 Earth point 1, on right rear wheel housing
- 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 Up to November 2017
- *3 From November 2017

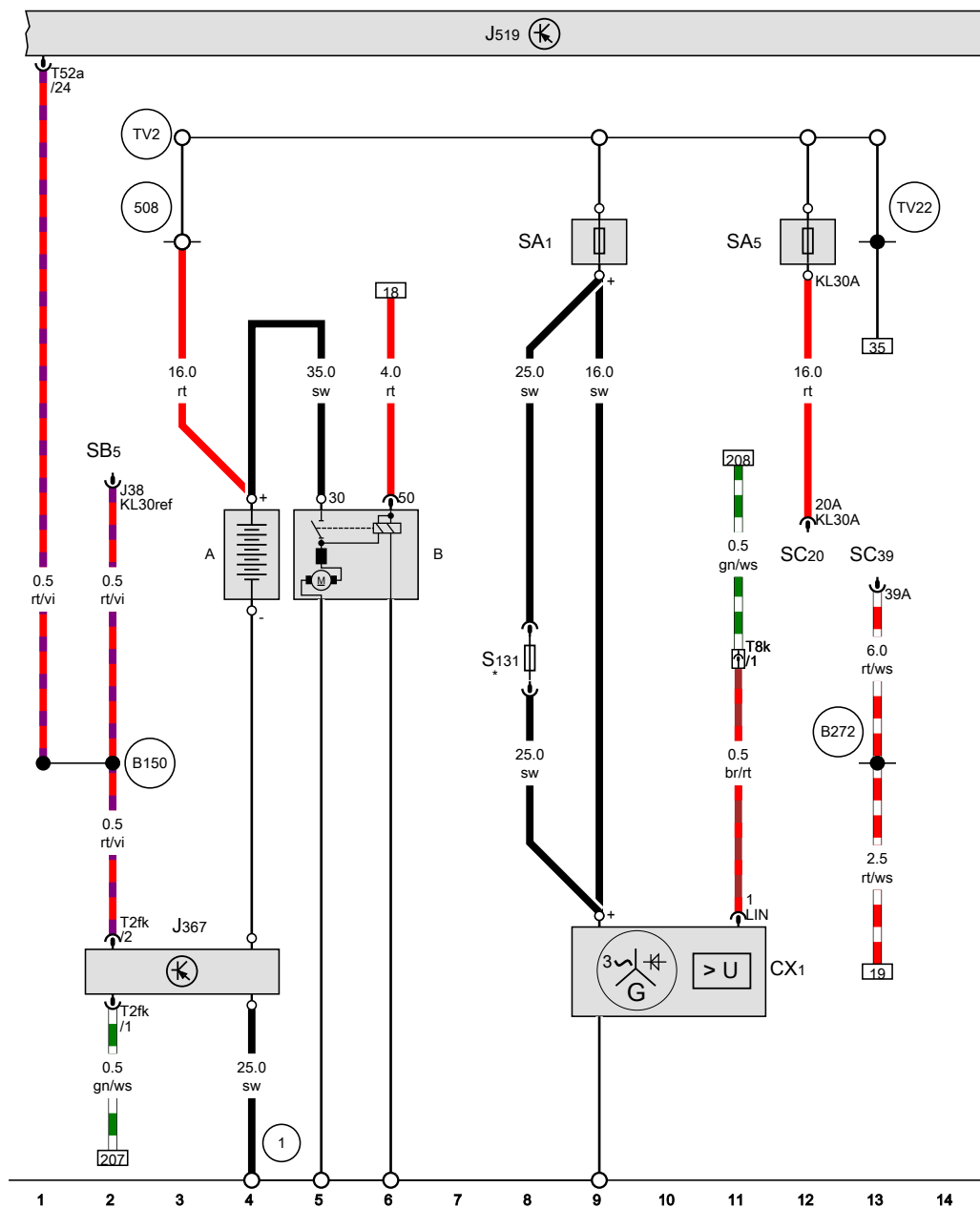
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[7N1-069081118]

2.0l diesel engine with start/stop system , CFFA,CFFB,CFFE,CFGC

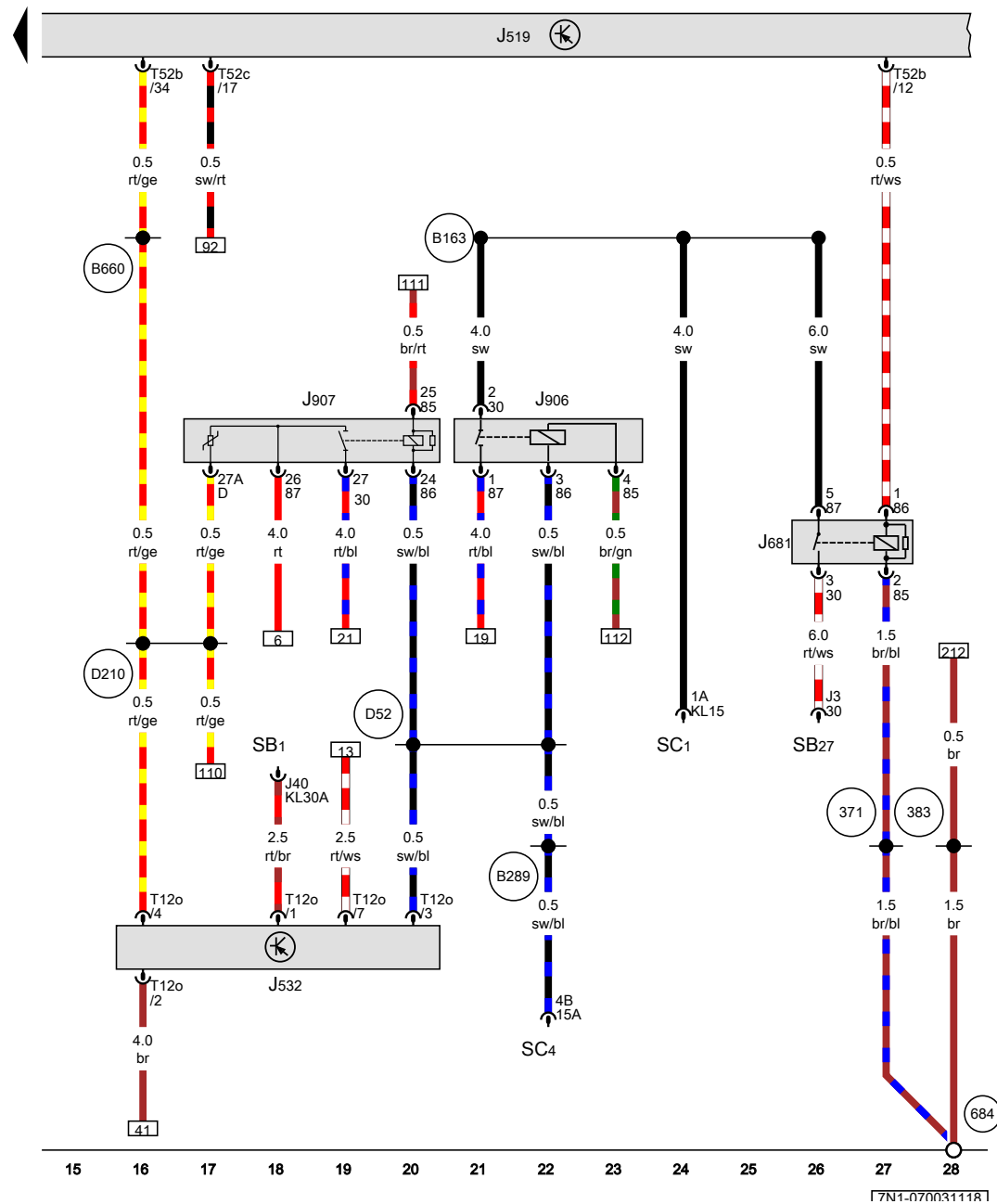
From January 2013

Battery, Starter, Alternator with voltage regulator, Battery monitor control unit, Onboard supply control unit



17N1-0700211181

Onboard supply control unit, Voltage stabiliser, Terminal 15 voltage supply relay 2, Starter relay 1, Starter relay 2



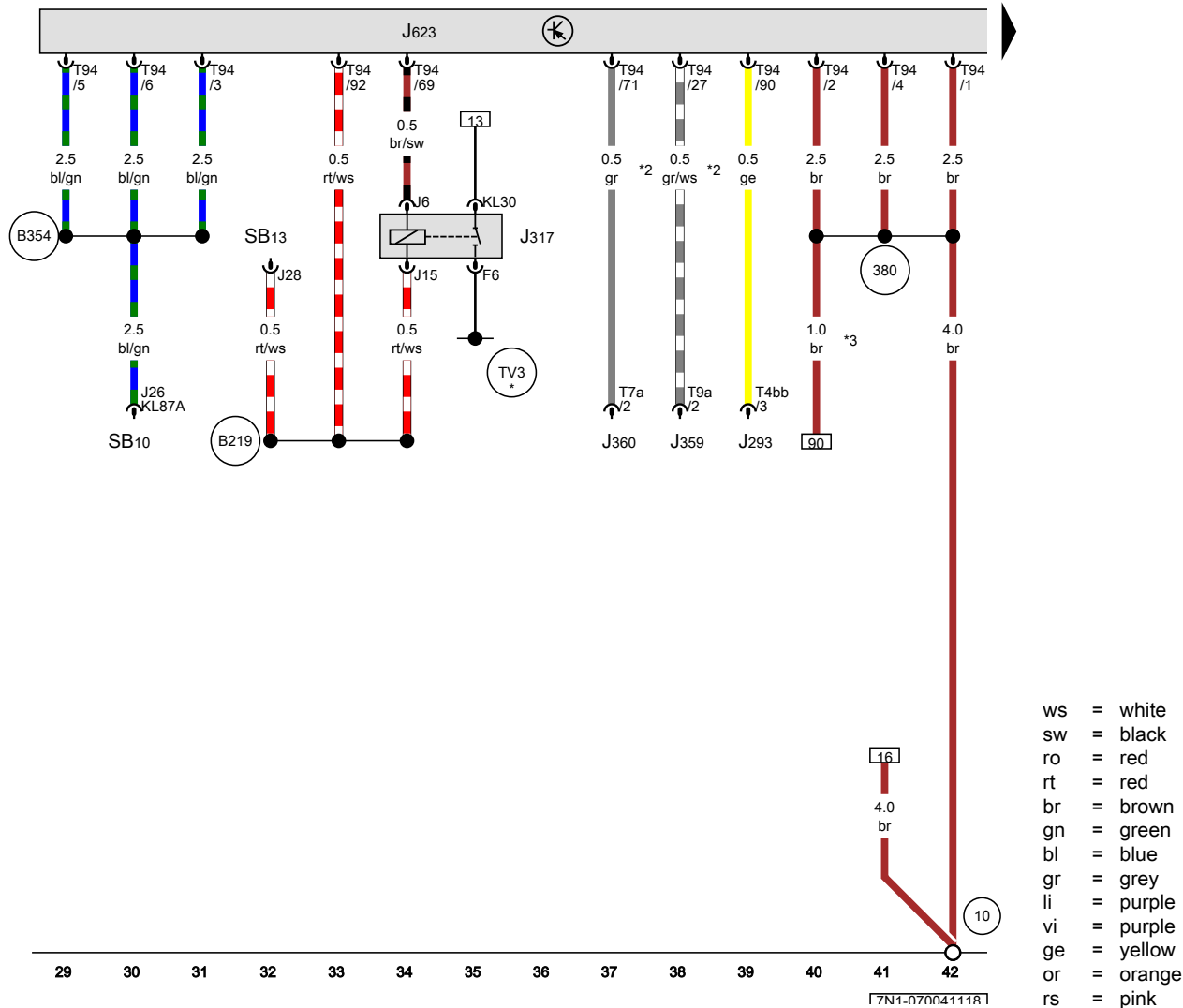
- J519 Onboard supply control unit
- J532 Voltage stabiliser, in plenum chamber
- J681 Terminal 15 voltage supply relay 2
- J906 Starter relay 1
- J907 Starter relay 2
- SC1 Fuse 1 on fuse holder C
- SB1 Fuse 1 on fuse holder B
- SC4 Fuse 4 on fuse holder C
- SB27 Fuse 27 on fuse holder B
- T12o 12-pin connector
- T52b 52-pin connector
- T52c 52-pin connector
- 371 Earth connection 6, in main wiring harness
- 383 Earth connection 18, in main wiring harness
- 684 Earth point on front of left side member
- B163 Positive connection 1 (15), in interior wiring harness
- B289 Positive connection 13 (15a) in main wiring harness
- B660 Connection (diagnosis terminal 50), in main wiring harness
- D52 Positive connection (15a), in engine compartment wiring harness
- D210 Connection (50), in engine compartment wiring harness

Terminal 30 voltage supply relay, Engine/motor control unit

- | | |
|------|----------------------------------|
| J293 | Radiator fan control unit |
| J317 | Terminal 30 voltage supply relay |
| J359 | Low heat output relay |
| J360 | High heat output relay |
| J623 | Engine/motor control unit |
| SB10 | Fuse 10 on fuse holder B |
| SB13 | Fuse 13 on fuse holder B |
| T4bb | 4-pin connector |
| T7a | 7-pin connector |
| T9a | 9-pin connector |
| T94 | 94-pin connector |

- 10 Earth point, in plenum chamber
- 380 Earth connection 15, in main wiring harness
- B219 Positive connection 4 (30a), in interior wiring harness
- B354 Positive connection 5 (87a) in main wiring harness
- TV3 Terminal 30a wiring junction

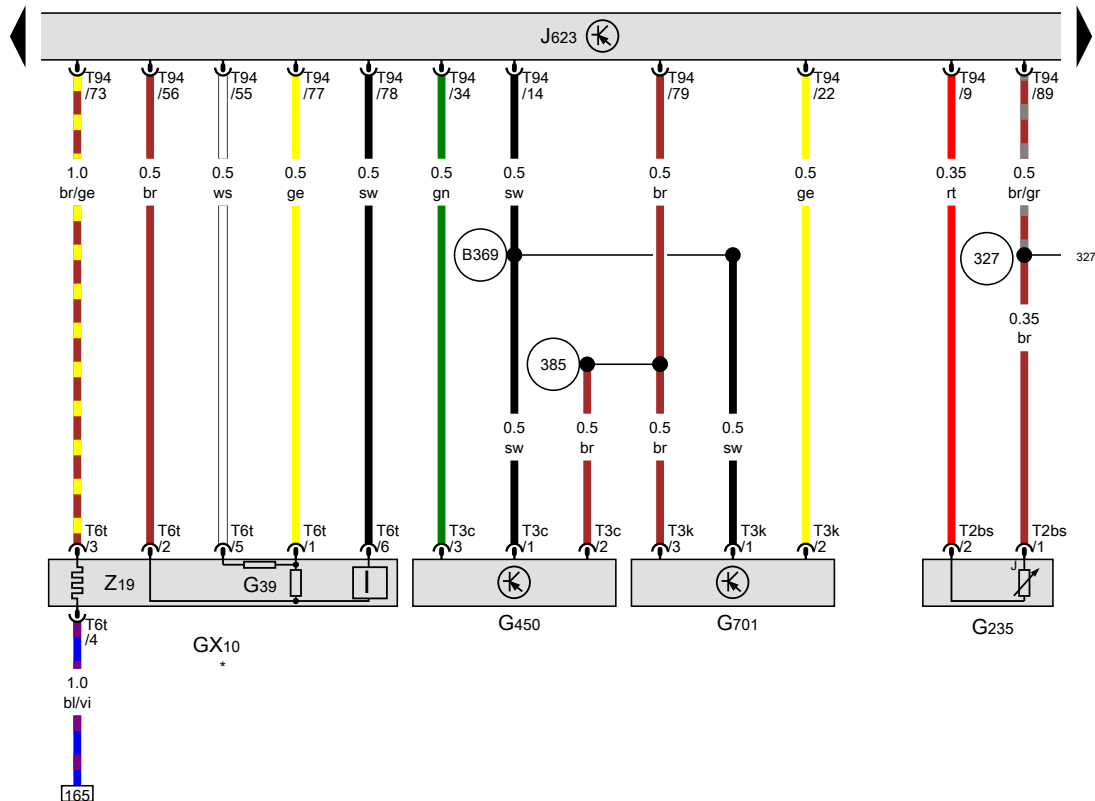
- * see applicable current flow diagram for fuse assignment
*2 For models with auxiliary air heating
*3 For models with manual gearbox



Lambda probe 1 before catalytic converter, Exhaust gas temperature sender 1, Exhaust gas pressure sensor 1, Gearbox neutral position sender, Engine/motor control unit

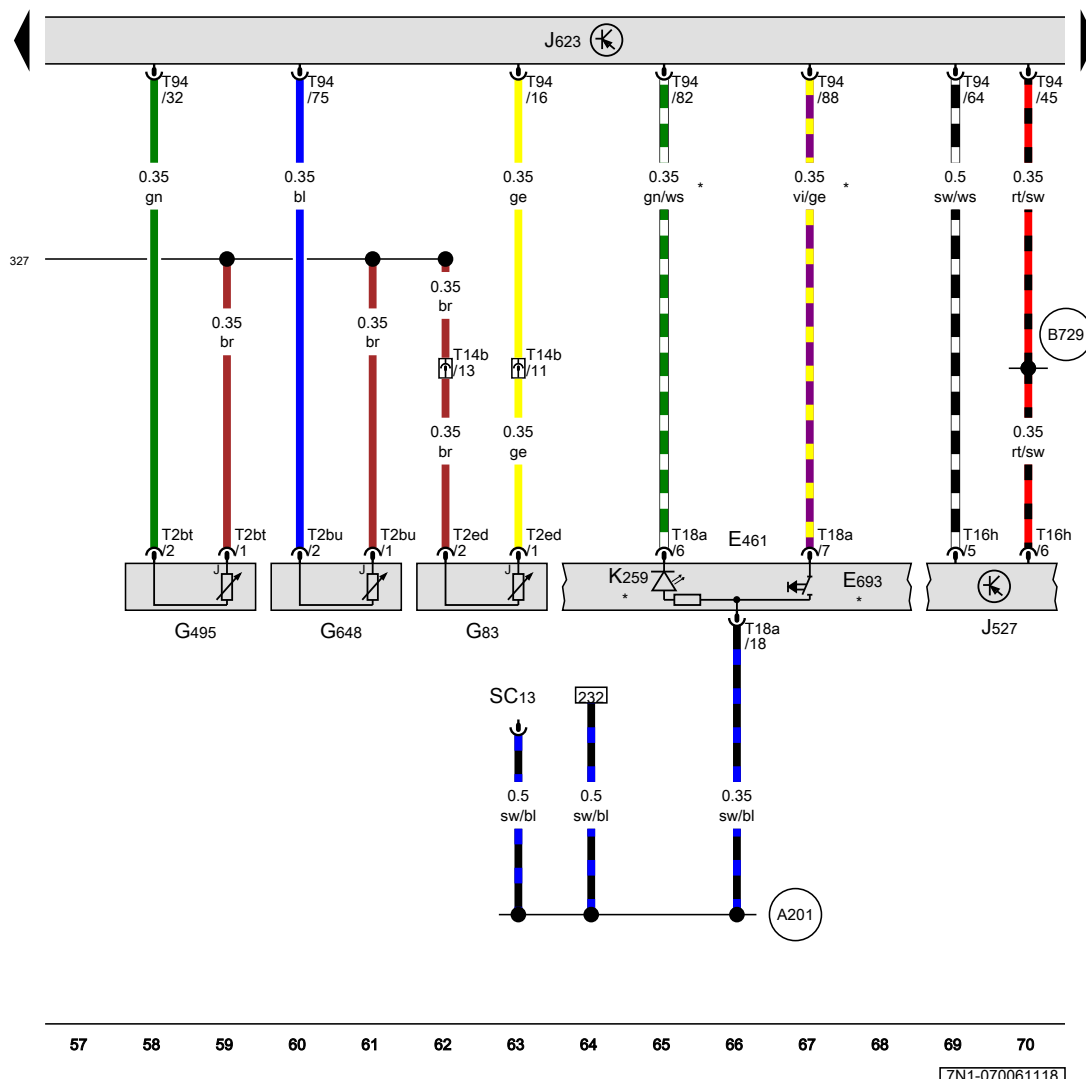
- GX10 Lambda probe 1 before catalytic converter
- G39 Lambda probe
- G235 Exhaust gas temperature sender 1
- G450 Exhaust gas pressure sensor 1
- G701 Gearbox neutral position sender
- J623 Engine/motor control unit
- T2bs 2-pin connector
- T3c 3-pin connector
- T3k 3-pin connector
- T6t 6-pin connector
- T94 94-pin connector
- Z19 Lambda probe heater

- 327 Earth connection (sender earth), in engine compartment wiring harness
- 385 Earth connection 20, in main wiring harness
- B369 Connection 1 (5V), in main wiring harness
- * Pre-wired component



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Operating unit in front of centre console, Start/Stop operation button, Radiator outlet coolant temperature sender, Exhaust gas temperature sender 3, Exhaust gas temperature sender 4, Steering column electronics control unit, Engine/motor control unit



- E461 Operating unit in front of centre console
- E693 Start/Stop operation button
- G83 Radiator outlet coolant temperature sender
- G495 Exhaust gas temperature sender 3
- G648 Exhaust gas temperature sender 4
- J527 Steering column electronics control unit
- J623 Engine/motor control unit
- K259 Start/Stop operation warning lamp
- SC13 Fuse 13 on fuse holder C
- T2bt 2-pin connector
- T2bu 2-pin connector
- T2ed 2-pin connector
- T14b 14-pin connector, black
- T16h 16-pin connector
- T18a 18-pin connector
- T94 94-pin connector
- 327 Earth connection (sender earth), in engine compartment wiring harness
- A201 Positive connection 6 (15a) in dash panel wiring harness
- B729 Connection 1 (50), in main wiring harness
- * According to equipment

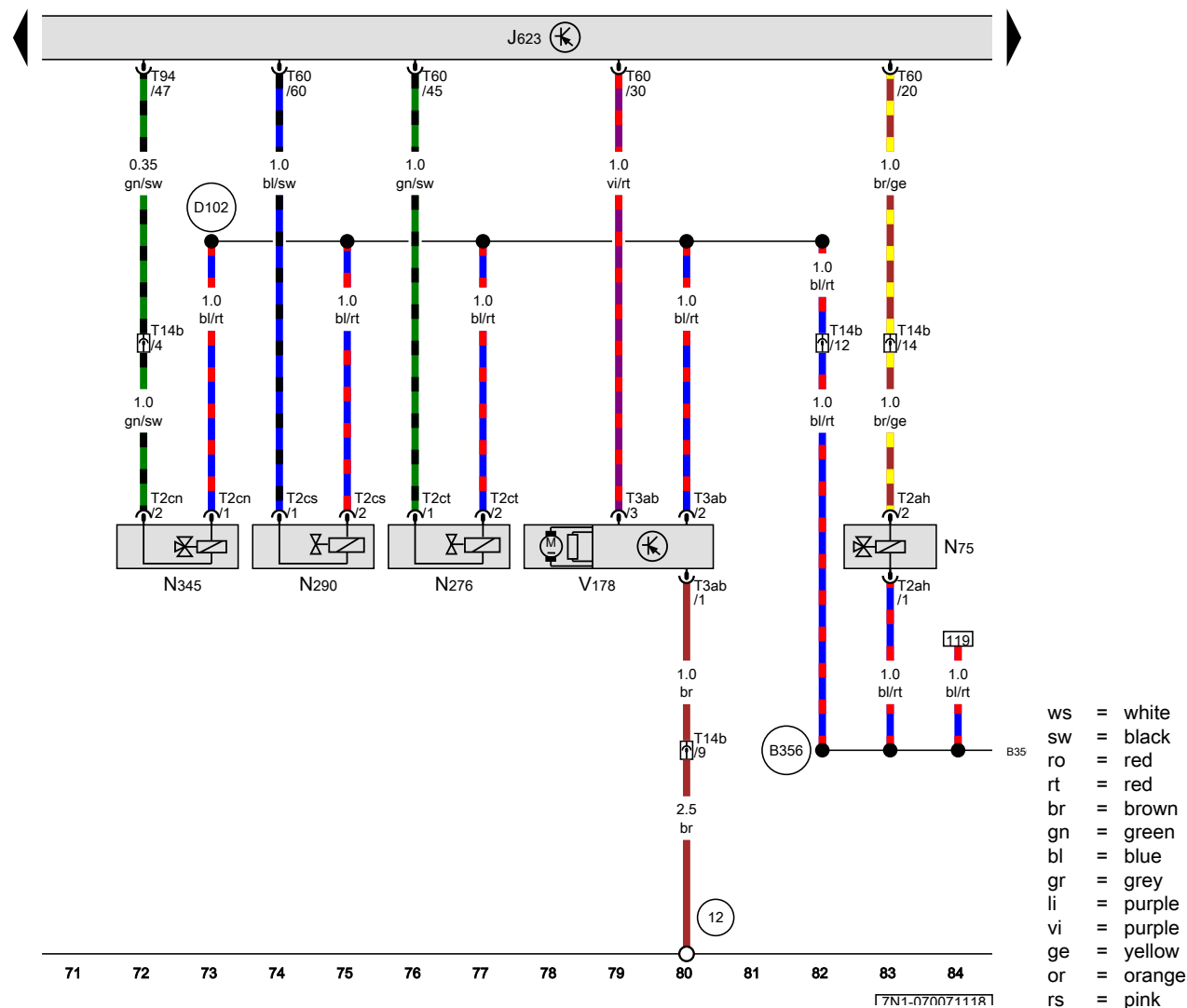
Engine/motor control unit, Charge pressure control solenoid valve, Fuel pressure regulating valve, Fuel metering valve, Exhaust gas recirculation cooler changeover valve, Coolant circulation pump 2

- J623 Engine/motor control unit
- N75 Charge pressure control solenoid valve
- N276 Fuel pressure regulating valve
- N290 Fuel metering valve
- N345 Exhaust gas recirculation cooler changeover valve
- T2ah 2-pin connector
- T2cn 2-pin connector
- T2cs 2-pin connector
- T2ct 2-pin connector
- T3ab 3-pin connector
- T14b 14-pin connector, black
- T60 60-pin connector
- T94 94-pin connector
- V178 Coolant circulation pump 2

12 Earth point, on left in engine compartment

B356 Positive connection 7 (87a) in main wiring harness

D102 Connection 2 in engine compartment wiring harness

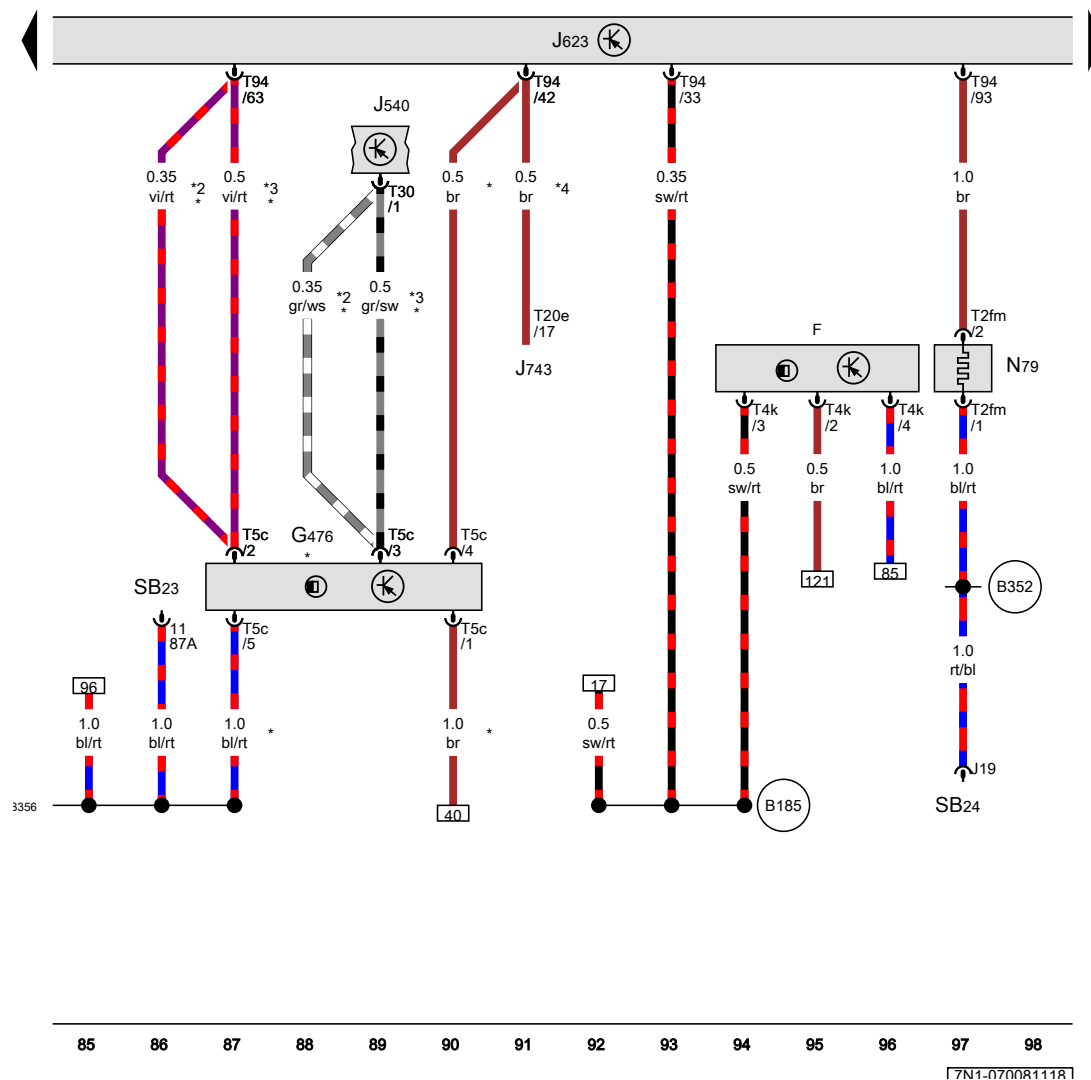


Brake light switch, Clutch position sender, Engine/motor control unit

- F Brake light switch
- G476 Clutch position sender
- J540 Control unit for electromechanical parking brake
- J623 Engine/motor control unit
- J743 Mechatronic unit for dual clutch gearbox
- N79 Heater element for crankcase breather
- SB23 Fuse 23 on fuse holder B
- SB24 Fuse 24 on fuse holder B
- T2fm 2-pin connector
- T4k 4-pin connector
- T5c 5-pin connector
- T20e 20-pin connector
- T30 30-pin connector
- T94 94-pin connector

- B185 Connection 2 (54), in interior wiring harness
- B352 Positive connection 3 (87a) in main wiring harness
- B356 Positive connection 7 (87a) in main wiring harness

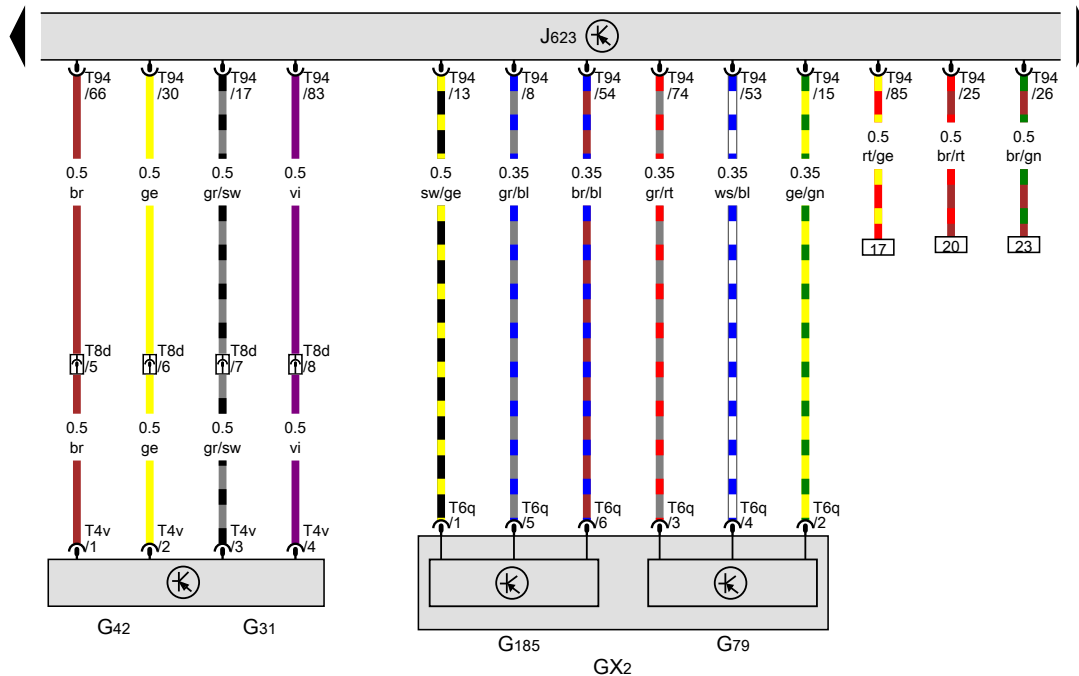
- * For models with manual gearbox
- *2 For left-hand drive models
- *3 For right-hand drive models
- *4 For models with dual clutch gearbox



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Accelerator pedal module, Charge pressure sender, Intake air temperature sender, Accelerator position sender, Accelerator position sender 2, Engine/motor control unit

- GX2 Accelerator pedal module
- G31 Charge pressure sender
- G42 Intake air temperature sender
- G79 Accelerator position sender
- G185 Accelerator position sender 2
- J623 Engine/motor control unit
- T4v 4-pin connector
- T6q 6-pin connector
- T8d 8-pin connector
- T94 94-pin connector

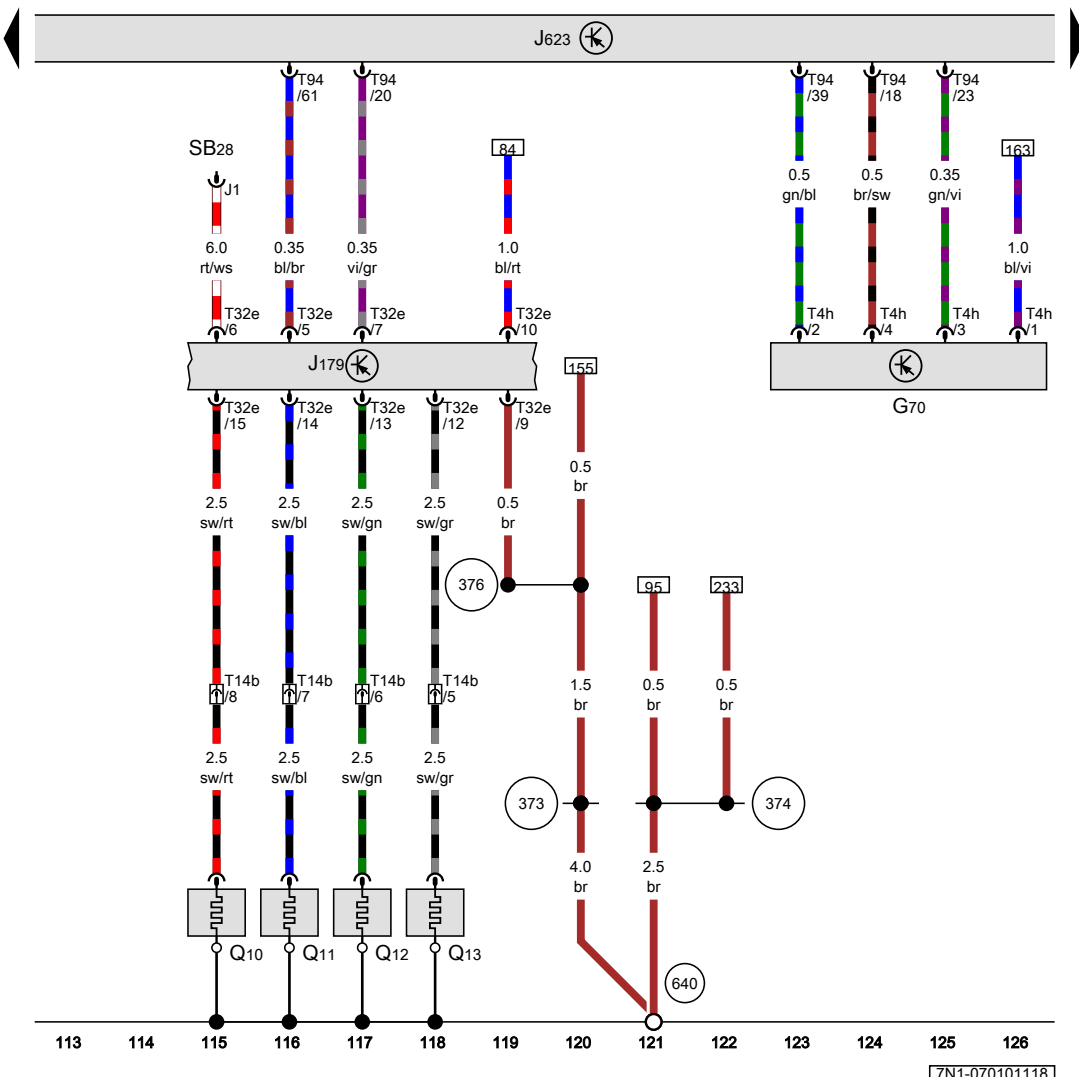


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Air mass meter, Automatic glow period control unit, Engine/motor control unit, Glow plug 1, Glow plug 2, Glow plug 3, Glow plug 4

- G70 Air mass meter
- J179 Automatic glow period control unit
- J623 Engine/motor control unit
- Q10 Glow plug 1
- Q11 Glow plug 2
- Q12 Glow plug 3
- Q13 Glow plug 4
- SB28 Fuse 28 on fuse holder B
- T4h 4-pin connector
- T14b 14-pin connector, black
- T32e 32-pin connector
- T94 94-pin connector

- 373 Earth connection 8, in main wiring harness
- 374 Earth connection 9, in main wiring harness
- 376 Earth connection 11, in main wiring harness
- 640 Earth point 2, left in engine compartment

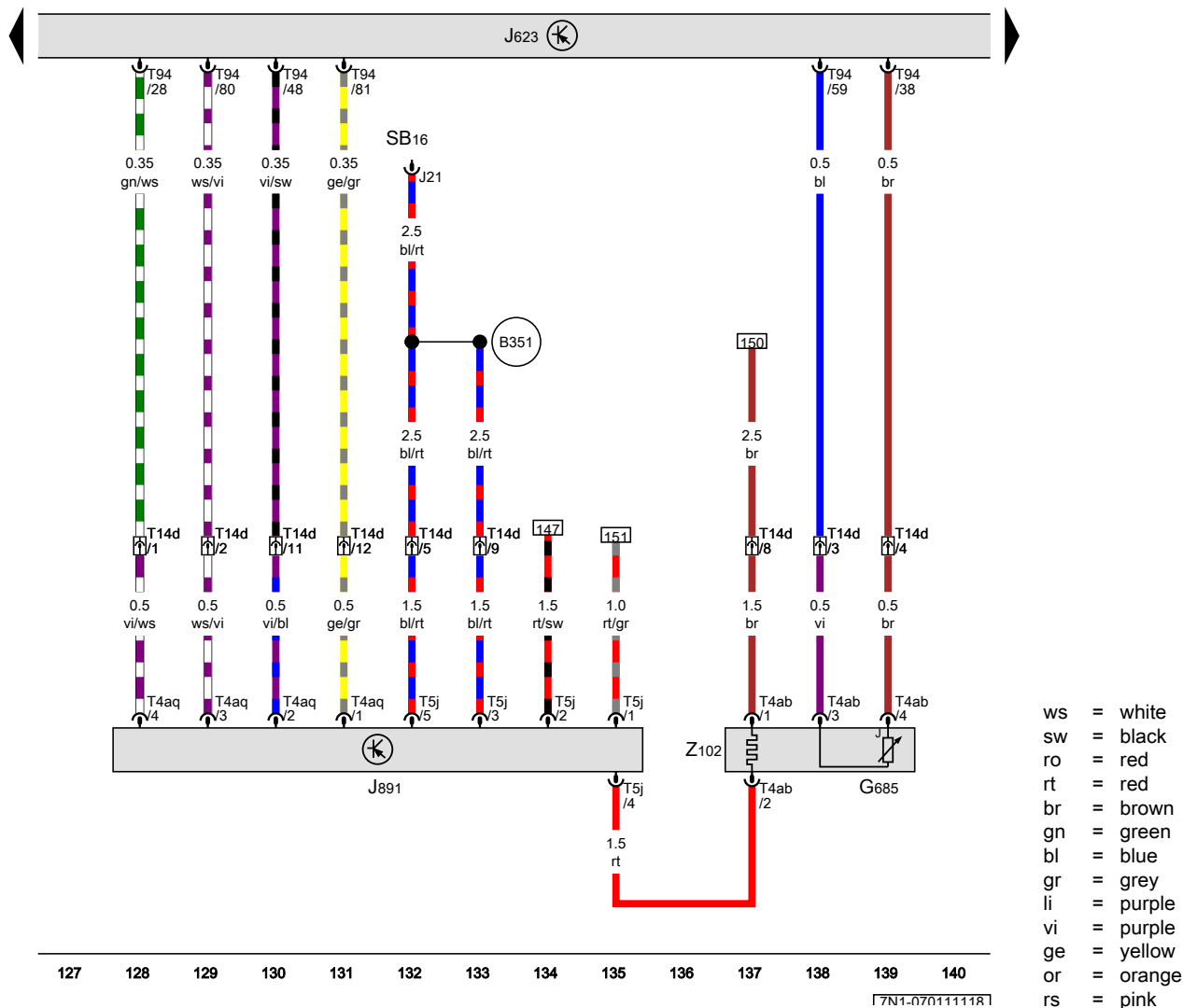


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Temperature sender for reducing agent, Engine/motor control unit, Control unit for reducing agent heater

- G685 Temperature sender for reducing agent
- J623 Engine/motor control unit
- J891 Control unit for reducing agent heater
- SB16 Fuse 16 on fuse holder B
- T4ab 4-pin connector
- T4aq 4-pin connector, black
- T5j 5-pin connector, black
- T14d 14-pin connector
- T94 94-pin connector
- Z102 Heater for reducing agent tank (heater circuit 1)

B351 Positive connection 2 (87a) in main wiring harness

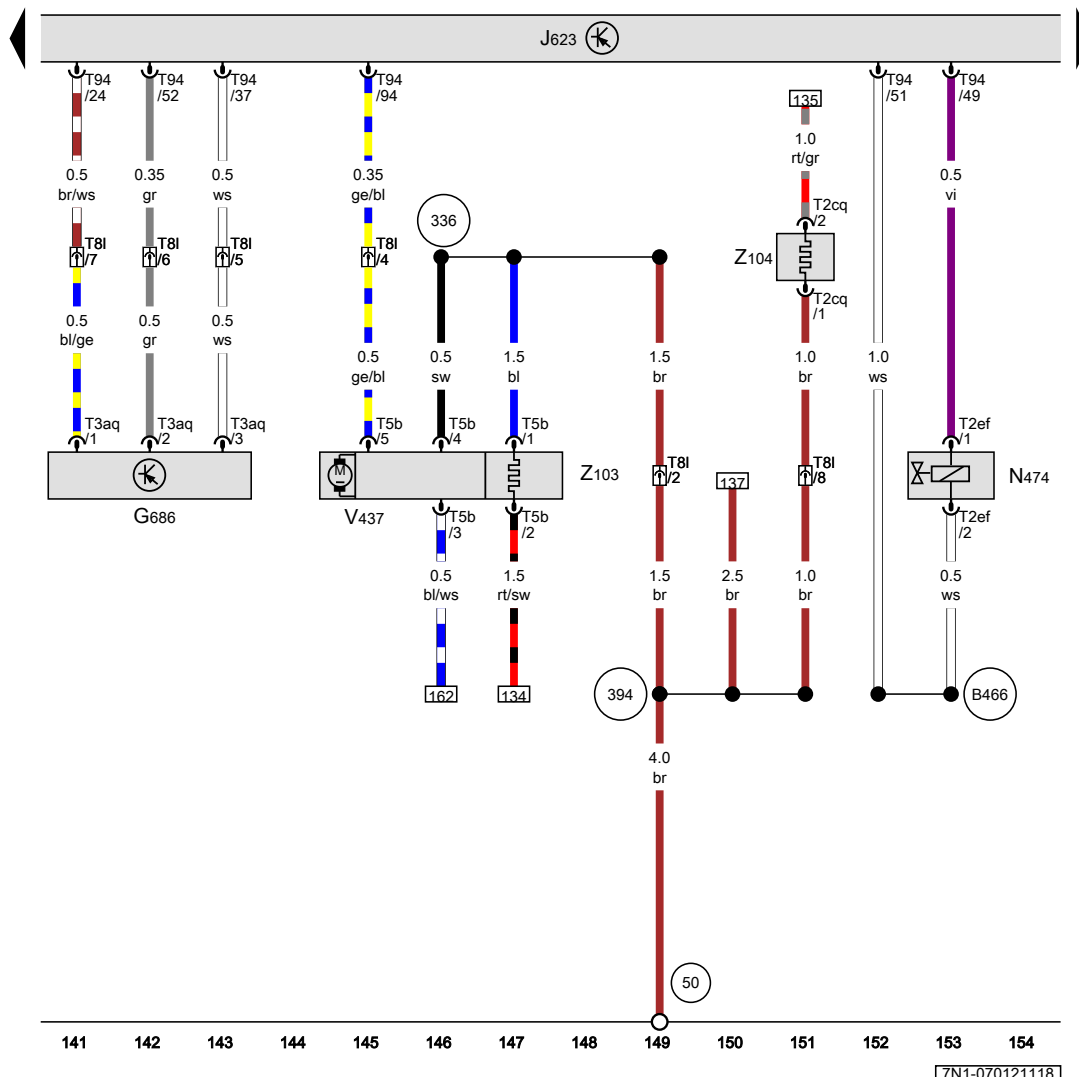


Pressure sender for reducing agent metering system,
Engine/motor control unit, Injector for reducing agent, Pump
for reducing agent, Heater for reducing agent line (heater
circuit 2)

- G686 Pressure sender for reducing agent metering system
- J623 Engine/motor control unit
- N474 Injector for reducing agent
- T2cq 2-pin connector
- T2ef 2-pin connector
- T3aq 3-pin connector
- T5b 5-pin connector, black
- T8l 8-pin connector
- T94 94-pin connector
- V437 Pump for reducing agent
- Z103 Heater for reducing agent pump (heater circuit 2)
- Z104 Heater for reducing agent line (heater circuit 2)

- 50 Earth point, on left in luggage compartment
- 336 Earth connection 1, in floor wiring harness
- 394 Earth connection 29, in main wiring harness
- B466 Connection 2, in main wiring harness

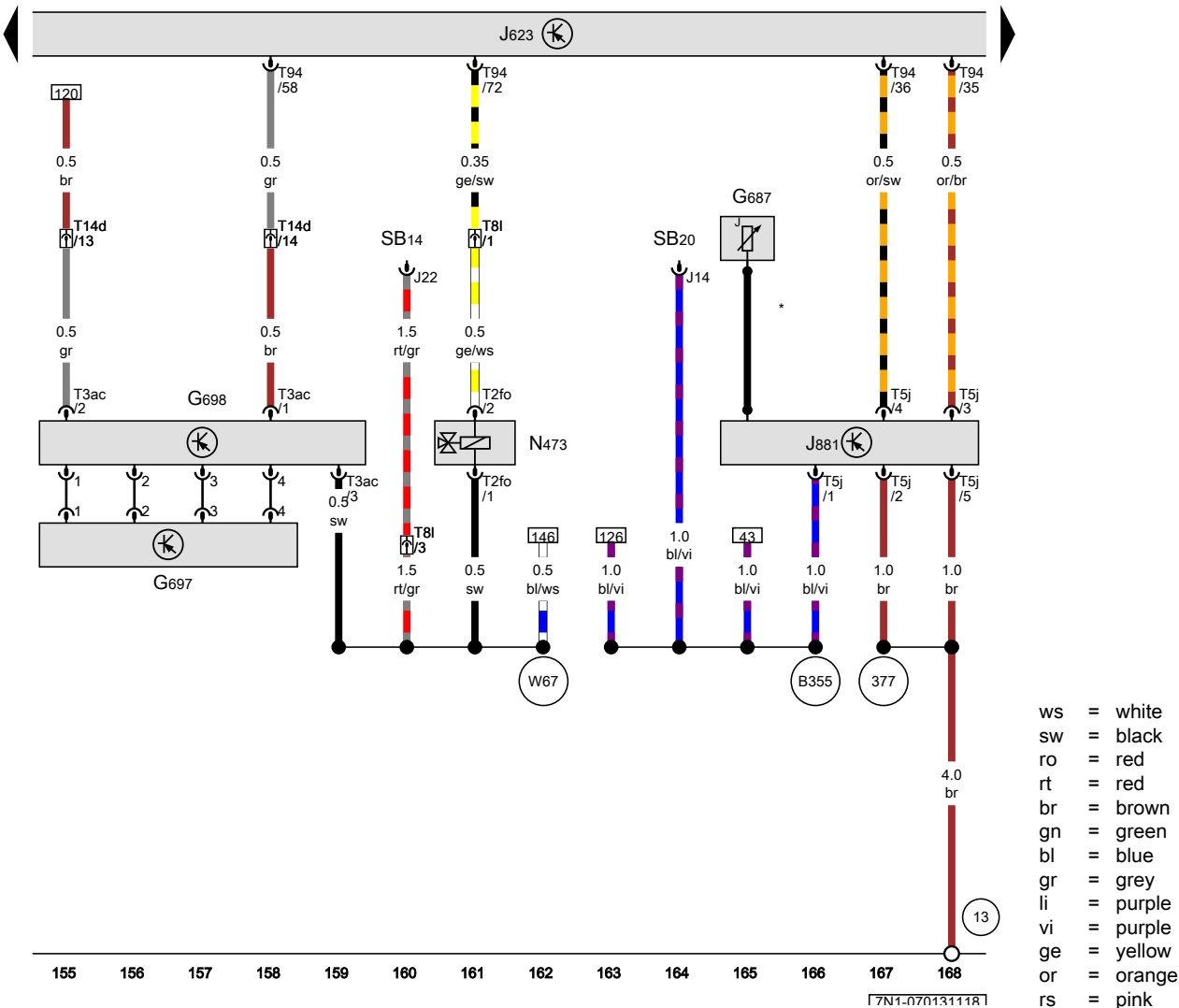
ws = white
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NOx sender 2, Reducing agent level sender, Evaluation unit for reducing agent level, Engine/motor control unit, Control unit for NOx sender 2

- G687 NOx sender 2
- G697 Reducing agent level sender
- G698 Evaluation unit for reducing agent level
- J623 Engine/motor control unit
- J881 Control unit for NOx sender 2
- N473 Reversing valve for reducing agent
- SB14 Fuse 14 on fuse holder B
- SB20 Fuse 20 on fuse holder B
- T2fo 2-pin connector
- T3ac 3-pin connector
- T5j 5-pin connector
- T8l 8-pin connector
- T14d 14-pin connector
- T94 94-pin connector

- 13 Earth point, on right in engine compartment
- 377 Earth connection 12, in main wiring harness
- B355 Positive connection 6 (87a) in main wiring harness
- W67 Connection (87), in floor wiring harness
- * Adapter wire

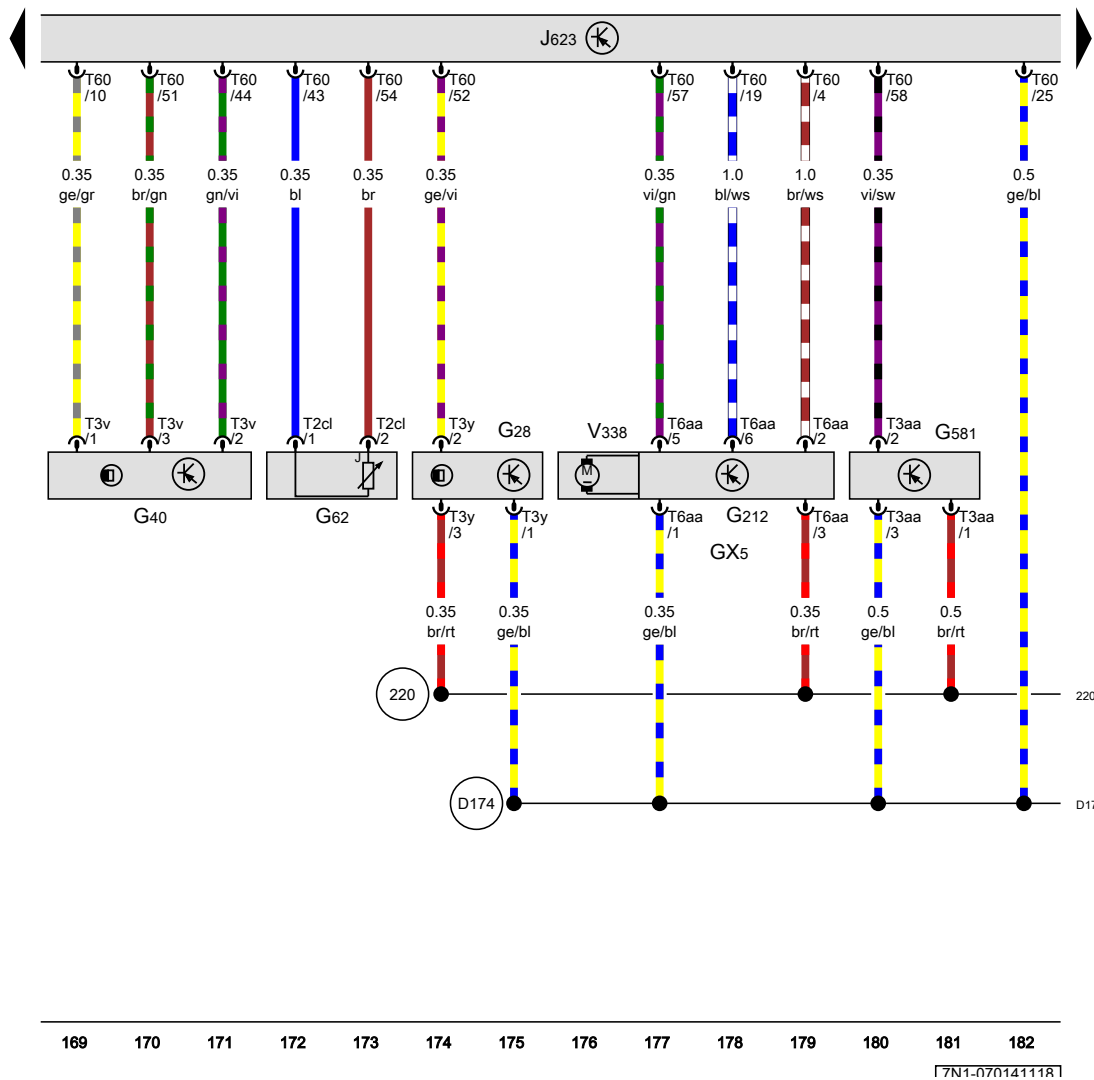


Exhaust gas recirculation valve 1, Engine speed sender, Hall sender, Coolant temperature sender, Exhaust gas recirculation potentiometer, Position sender for charge pressure positioner, Engine/motor control unit, Exhaust gas recirculation control motor

- GX5 Exhaust gas recirculation valve 1
- G28 Engine speed sender
- G40 Hall sender
- G62 Coolant temperature sender
- G212 Exhaust gas recirculation potentiometer
- G581 Position sender for charge pressure positioner
- J623 Engine/motor control unit
- T2cl 2-pin connector
- T3aa 3-pin connector
- T3v 3-pin connector
- T3y 3-pin connector
- T6aa 6-pin connector
- T60 60-pin connector
- V338 Exhaust gas recirculation control motor

220 Earth connection (sender earth), in engine wiring harness

D174 Connection 2 (5V) in engine prewiring harness



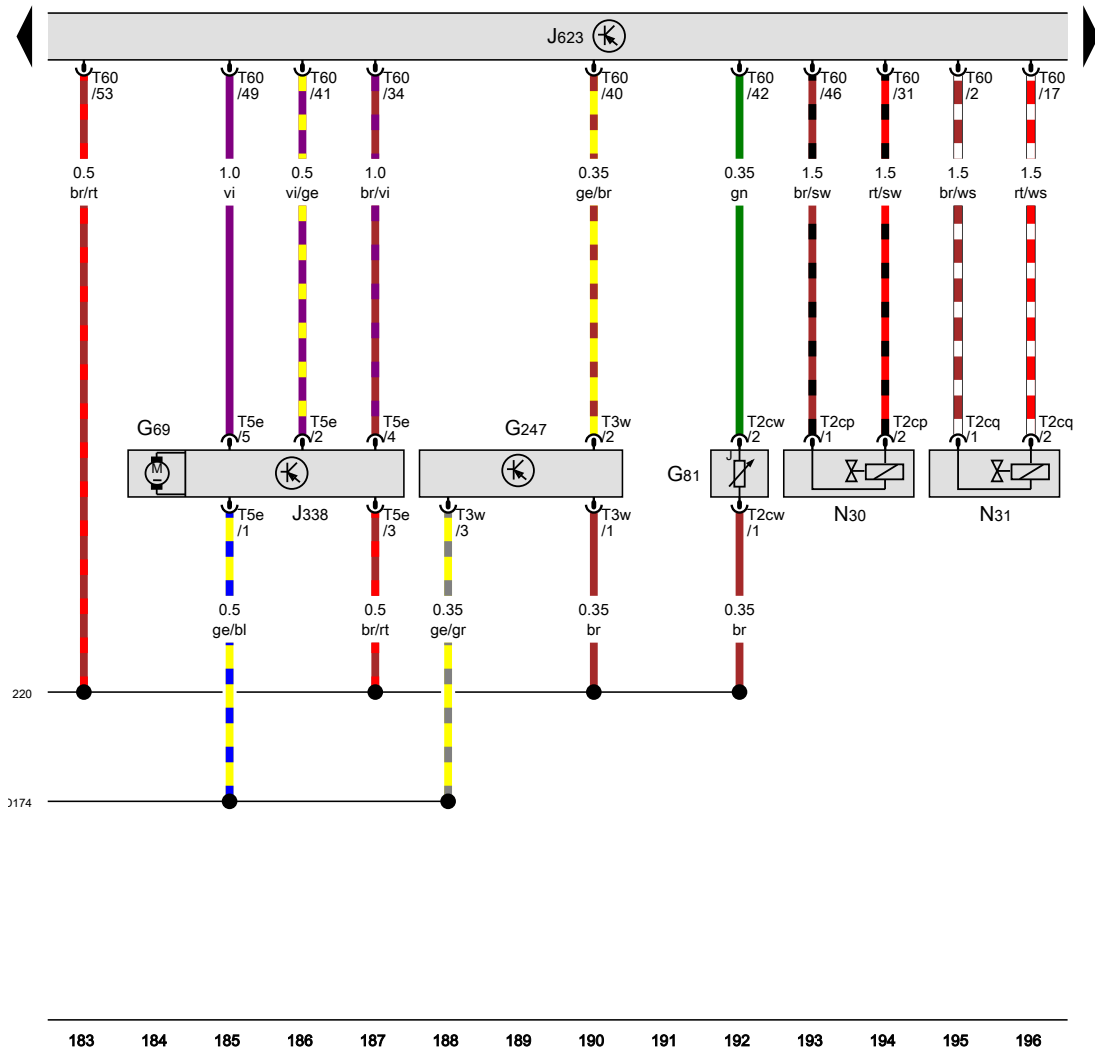
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- rs = pink

Throttle valve potentiometer, Fuel temperature sender, Fuel pressure sender, Throttle valve module, Engine/motor control unit, Injector, cylinder 1, Injector, cylinder 2

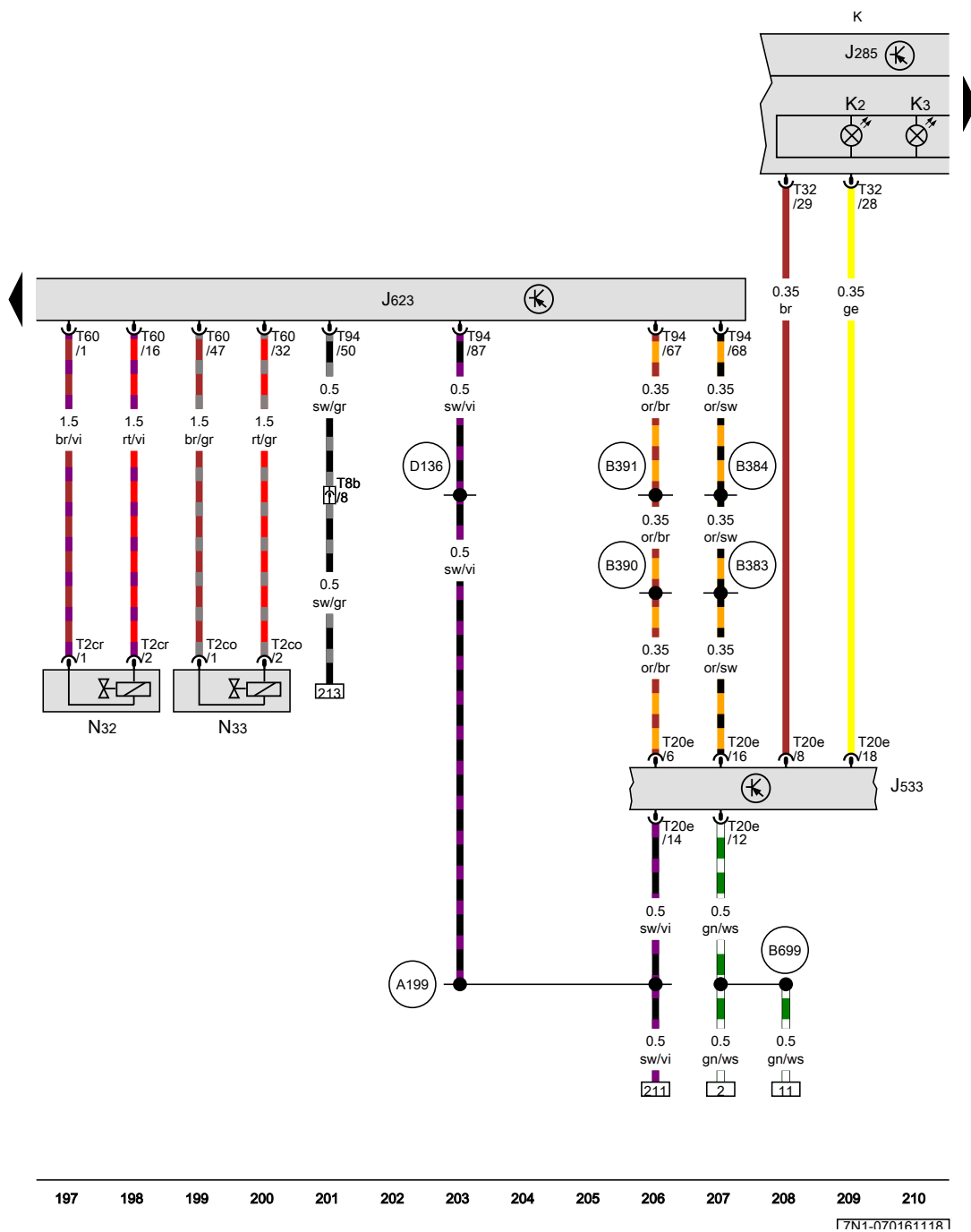
- G69 Throttle valve potentiometer
- G81 Fuel temperature sender
- G247 Fuel pressure sender
- J338 Throttle valve module
- J623 Engine/motor control unit
- N30 Injector, cylinder 1
- N31 Injector, cylinder 2
- T2cp 2-pin connector
- T2cq 2-pin connector
- T2cw 2-pin connector
- T3w 3-pin connector
- T5e 5-pin connector
- T60 60-pin connector

220 Earth connection (sender earth), in engine wiring 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

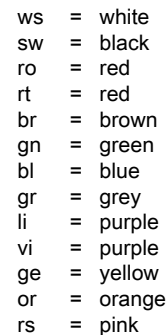


Control unit in dash panel insert, Data bus diagnostic interface, Engine/motor control unit, Injector, cylinder 3, Injector, cylinder 4

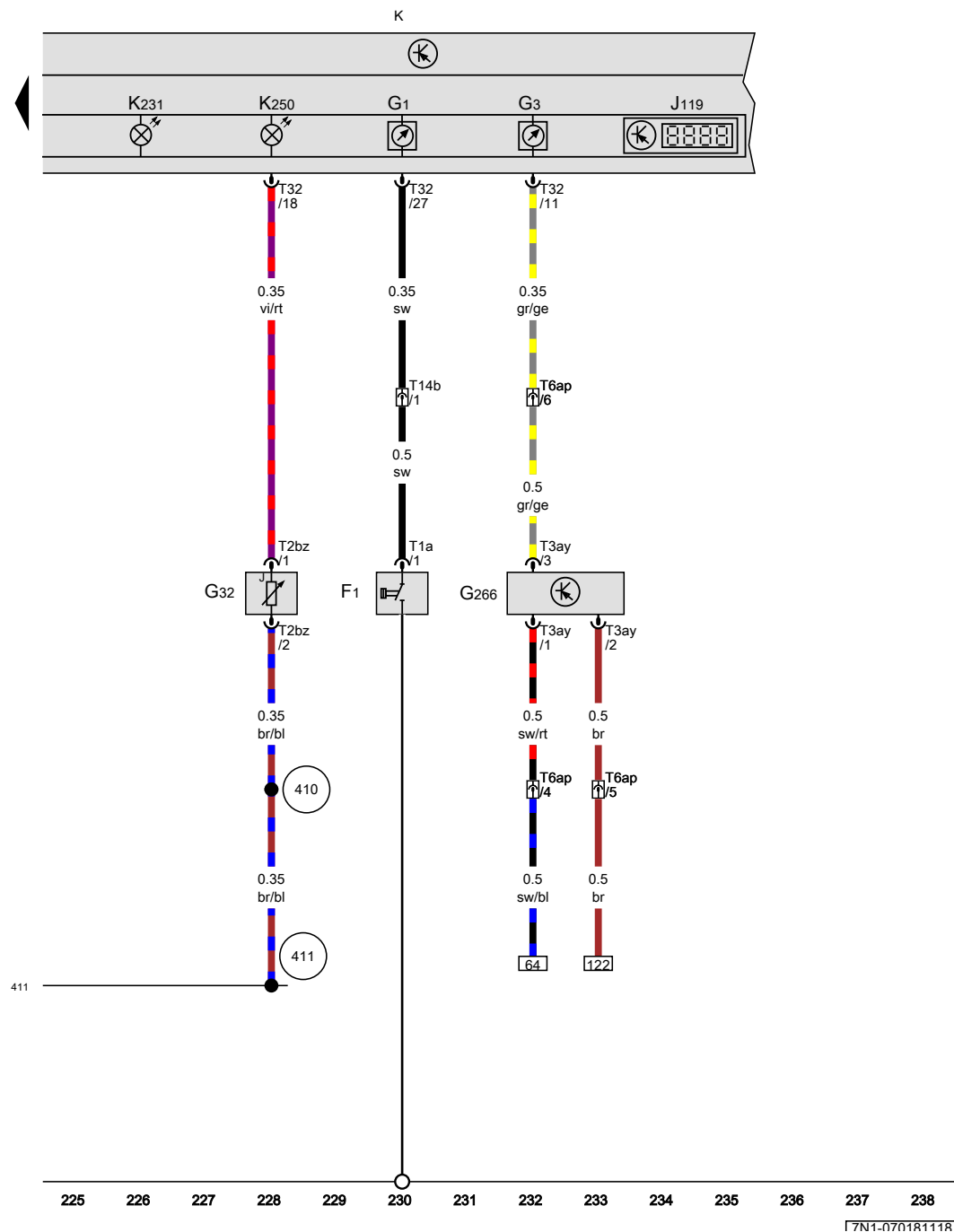
- J285 Control unit in dash panel insert
- J533 Data bus diagnostic interface
- J623 Engine/motor control unit
- K Dash panel insert
- K2 Alternator warning lamp
- K3 Oil pressure warning lamp
- N32 Injector, cylinder 3
- N33 Injector, cylinder 4
- T2co 2-pin connector
- T2cr 2-pin connector
- T8b 8-pin connector
- T20e 20-pin connector
- T32 32-pin connector
- T60 60-pin connector
- T94 94-pin connector

- A199 Positive connection 4 (15a) in dash panel wiring harness
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B384 Connection 2 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- B391 Connection 2 (powertrain CAN bus, low), in main wiring harness
- B699 Connection 4 (LIN bus) 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



- 391 Earth connection 26, in main wiring harness
- 411 Earth connection 2 (sender earth) in main wiring harness
- 480 Earth connection, in fuel tank wiring harness
- 688 Earth point 2, on centre tunnel



Oil pressure switch, Coolant shortage indicator sender, Oil level and oil temperature sender

- F1 Oil pressure switch
- G1 Fuel gauge
- G3 Coolant temperature gauge
- G32 Coolant shortage indicator sender
- G266 Oil level and oil temperature sender
- J119 Multifunction indicator
- K Dash panel insert
- K231 Diesel particulate filter warning lamp
- K250 Warning lamp for hill descent control
- T1a 1-pin connector
- T2bz 2-pin connector
- T3ay 3-pin connector
- T6ap 6-pin connector
- T14b 14-pin connector, black
- T32 32-pin connector

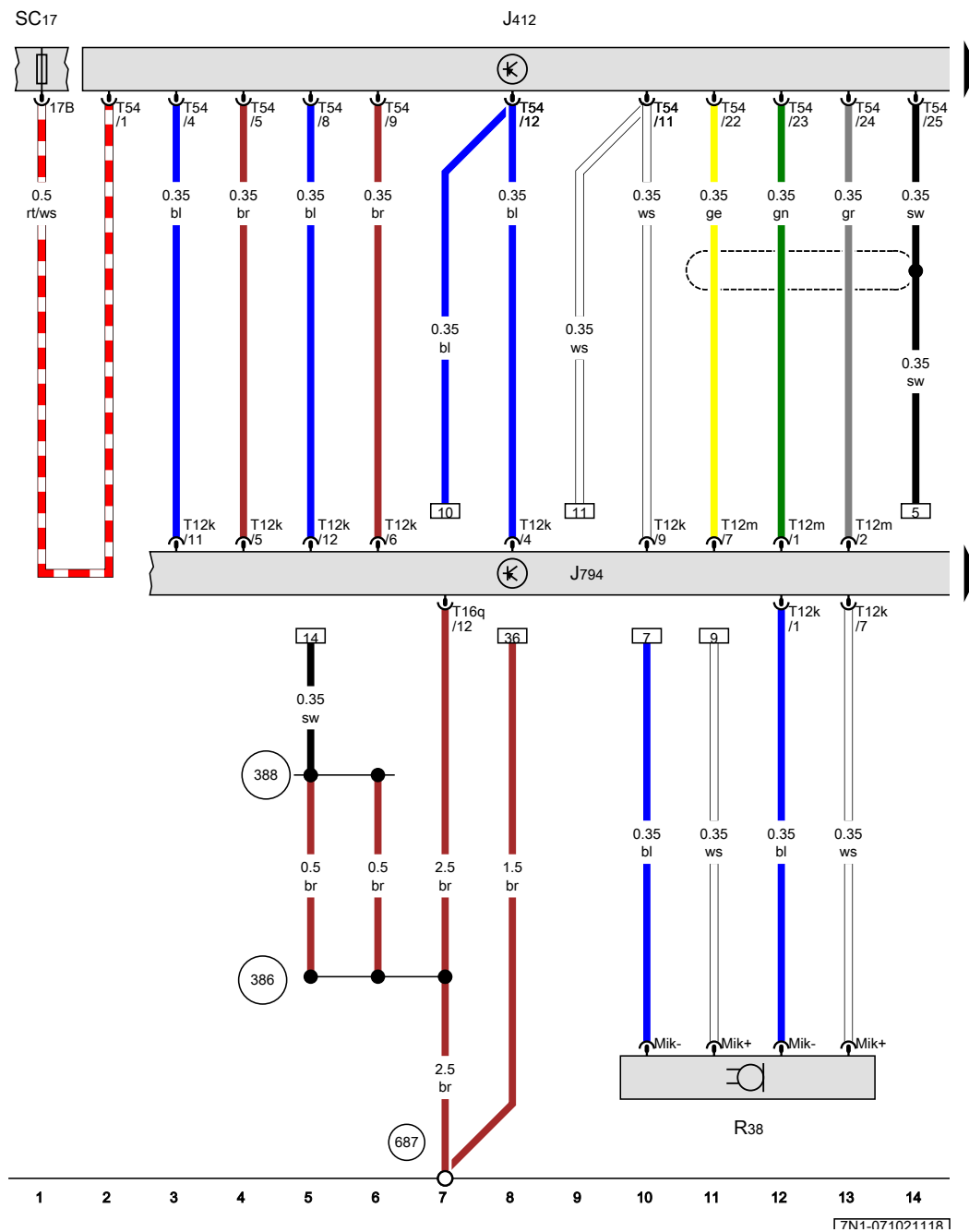
410 Earth connection 1 (sender earth) in main wiring harness

411 Earth connection 2 (sender earth) in main wiring harness

Mobile telephone systems with MEDIA-IN multimedia socket

From May 2013

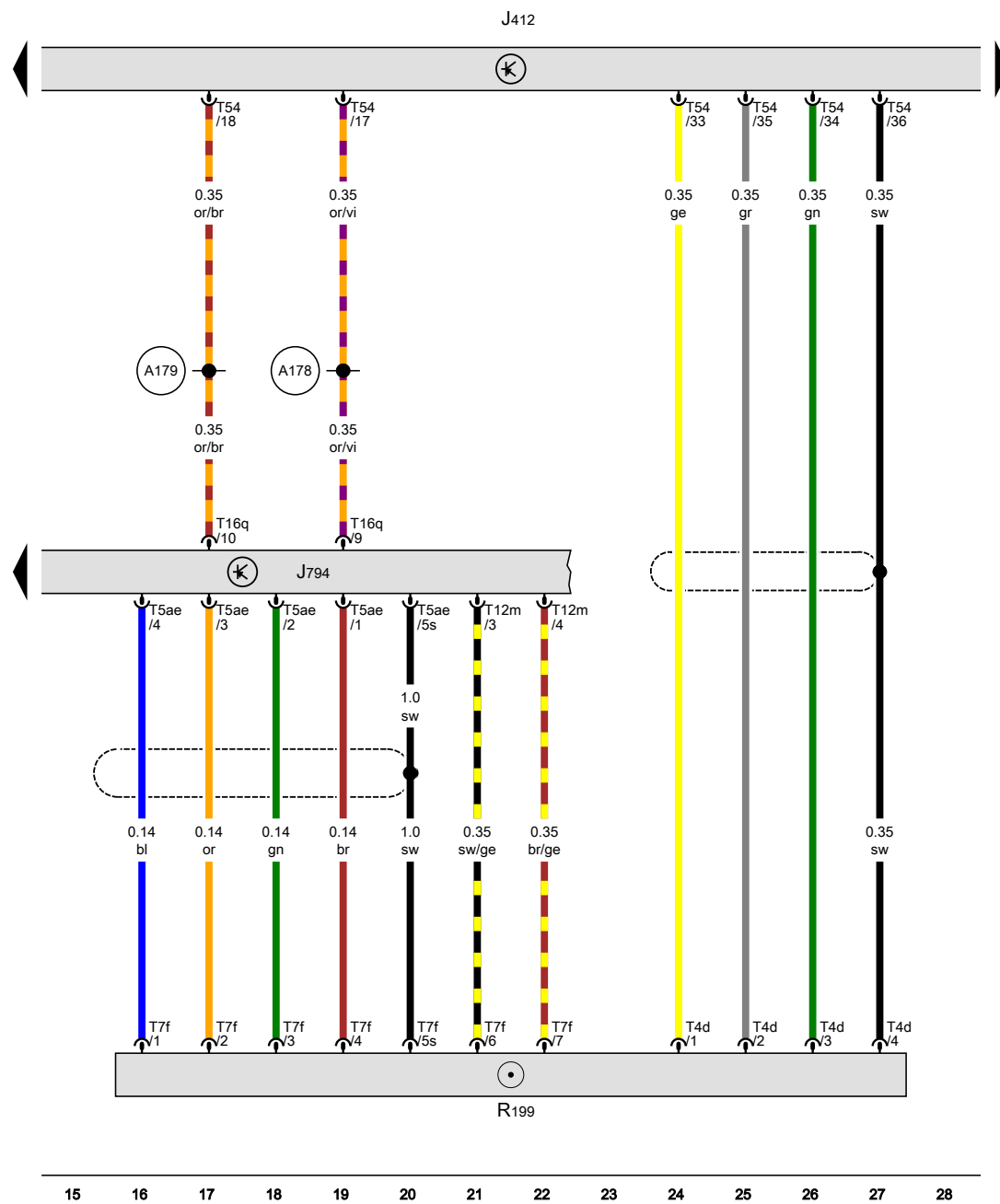
Mobile telephone operating electronics control unit, Control unit 1 for information electronics, Telephone microphone



- J412 Mobile telephone operating electronics control unit
- J794 Control unit 1 for information electronics
- R38 Telephone microphone
- SC17 Fuse 17 on fuse holder C
- T12k 12-pin connector, grey
- T12m 12-pin connector, green
- T16q 16-pin connector, black
- T54 54-pin connector, black

- 386 Earth connection 21, in main wiring harness
- 388 Earth connection 23, in main wiring harness
- 687 Earth point 1, on centre tunnel

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

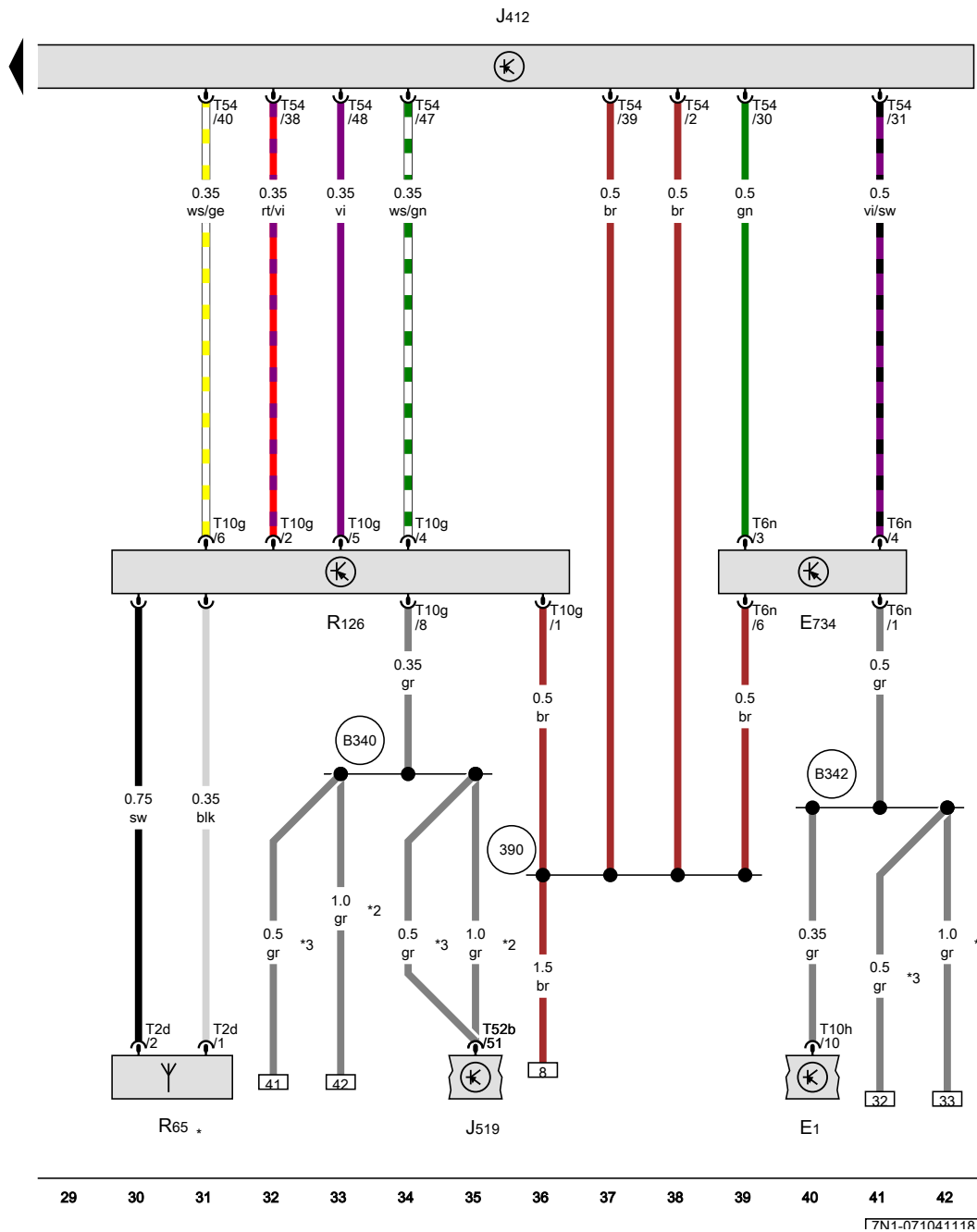


Mobile telephone operating electronics control unit, Control unit 1 for information electronics, Connection for external audio sources

- J412 Mobile telephone operating electronics control unit
- J794 Control unit 1 for information electronics
- R199 Connection for external audio sources
- T4d 4-pin connector, black
- T5ae 5-pin connector, yellow
- T7f 7-pin connector, white, black
- T12m 12-pin connector, green
- T16q 16-pin connector, black
- T54 54-pin connector, black
- A178 Connection (infotainment CAN bus, high), in dash panel wiring harness
- A179 Connection (infotainment CAN bus, low), in dash panel 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

[7N1-071031118]



Light switch, Telematics button module, Mobile telephone operating electronics control unit, Onboard supply control unit, Telephone aerial, Telephone bracket

- E1 Light switch
- E734 Telematics button module
- J412 Mobile telephone operating electronics control unit
- J519 Onboard supply control unit
- R65 Telephone aerial
- R126 Telephone bracket
- T2d 2-pin connector, black
- T6n 6-pin connector, black
- T10g 10-pin connector, black
- T10h 10-pin connector, black
- T52b 52-pin connector, colourless
- T54 54-pin connector, black

390 Earth connection 25, in main wiring harness

B340 Connection 1 (58d), in main wiring harness

B342 Connection 3 (58d), in main wiring harness

- * Pre-wired component
- *2 Up to May 2017
- *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

17N1-0710411181

All-wheel drive

From May 2013

Oil pressure and oil temperature sender, All-wheel drive control unit, Coupling opening control valve, All-wheel drive coupling pump

- G437 Oil pressure and oil temperature sender
- J492 All-wheel drive control unit
- J520 Onboard supply control unit 2
- J533 Data bus diagnostic interface
- N373 Coupling opening control valve
- SC11 Fuse 11 on fuse holder C
- SC55 Fuse 55 on fuse holder C
- T2go 2-pin connector
- T6h 6-pin connector
- T8u 8-pin connector
- T20 20-pin connector
- V181 All-wheel drive coupling pump

50 Earth point, on left in luggage compartment

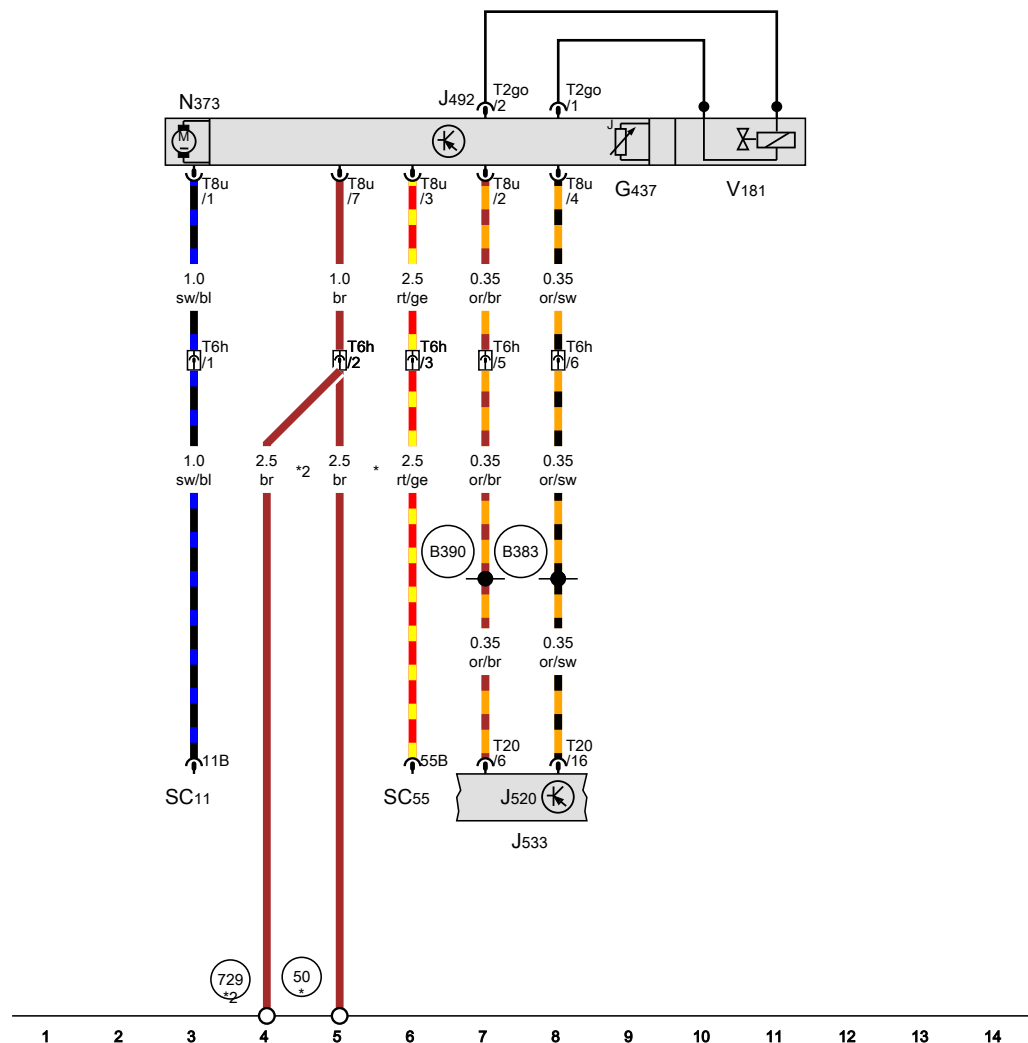
729 Earth point, on left rear wheel housing

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

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

* Up to November 2018

*2 From November 2018

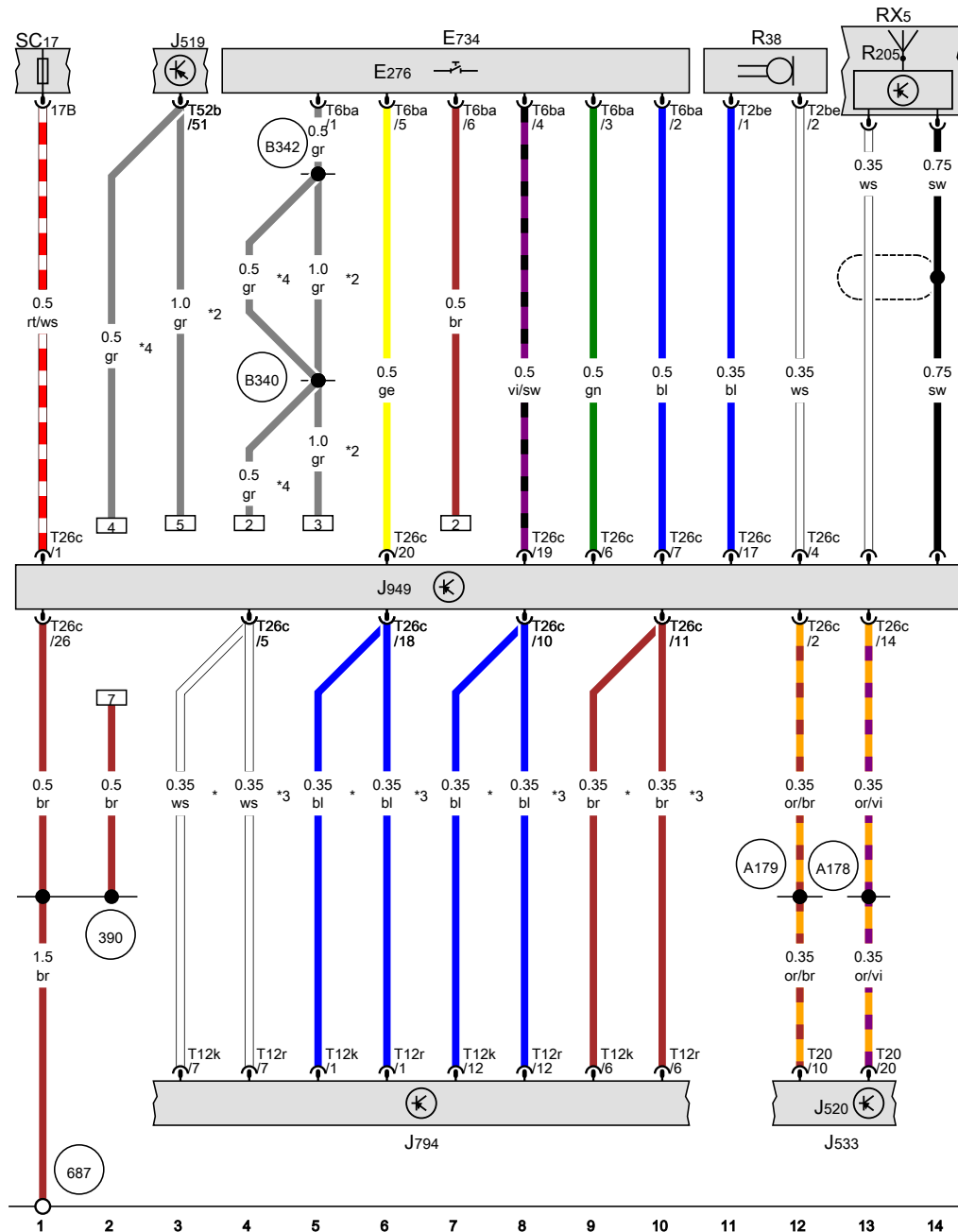


- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

17N1-0720211181

Emergency call module

From November 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

Emergency assistance call button, Data bus diagnostic interface, Control unit 1 for information electronics, Emergency call module control unit and communication unit, Roof aerial, Telephone microphone, GSM aerial

- E276 Emergency assistance call button
- E734 Telematics button module
- J519 Onboard supply control unit
- J520 Onboard supply control unit 2
- J533 Data bus diagnostic interface
- J794 Control unit 1 for information electronics
- J949 Emergency call module control unit and communication unit, under front passenger seat
- RX5 Roof aerial
- R38 Telephone microphone, on microphone unit in front roof module
- R205 GSM aerial
- SC17 Fuse 17 on fuse holder C
- T2be 2-pin connector
- T6ba 6-pin connector
- T12k 12-pin connector, black
- T12r 12-pin connector, black
- T20 20-pin connector
- T26c 26-pin connector
- T52b 52-pin connector

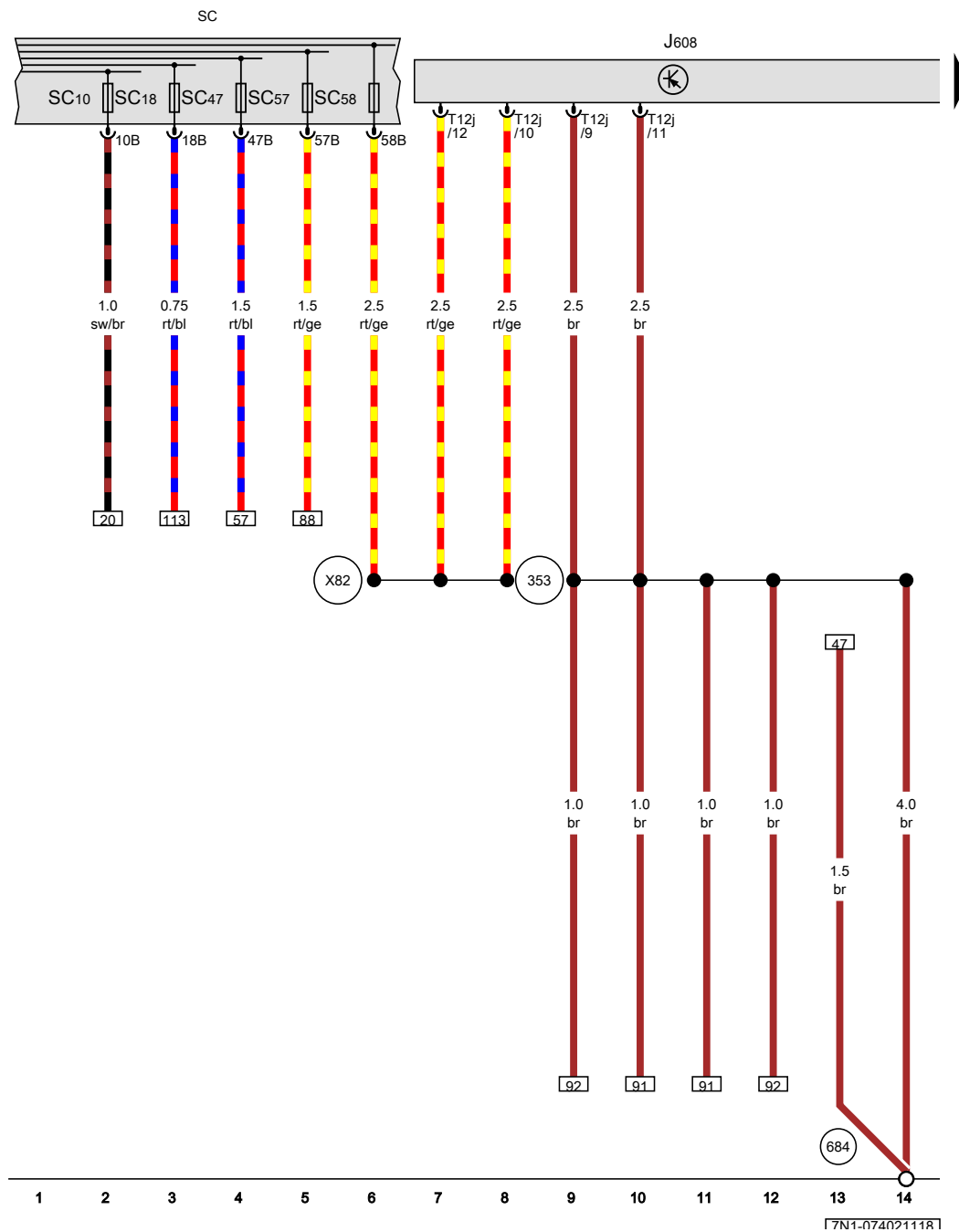
- 390 Earth connection 25, in main wiring harness
- 687 Earth point 1, on centre tunnel
- A178 Connection (infotainment CAN bus, high), in dash panel wiring harness
- A179 Connection (infotainment CAN bus, low), in dash panel wiring harness
- B340 Connection 1 (58d), in main wiring harness
- B342 Connection 3 (58d), in main wiring harness

- * Up to May 2015
- *2 Up to May 2017
- *3 From May 2015
- *4 From May 2017

17N1-073020R181

Taxi equipment

From November 2014



Special vehicle control unit, Fuse holder C

J608 Special vehicle control unit

SC Fuse holder C

SC10 Fuse 10 on fuse holder C

SC18 Fuse 18 on fuse holder C

SC47 Fuse 47 on fuse holder C

SC57 Fuse 57 on fuse holder C

SC58 Fuse 58 on fuse holder C

T12j 12-pin connector, black

353 Earth connection, in taxi wiring harness

684 Earth point on front of left side member

X82 Positive connection 1 (30a), in taxi wiring harness

Taximeter, Mirror taximeter, Special vehicle control unit

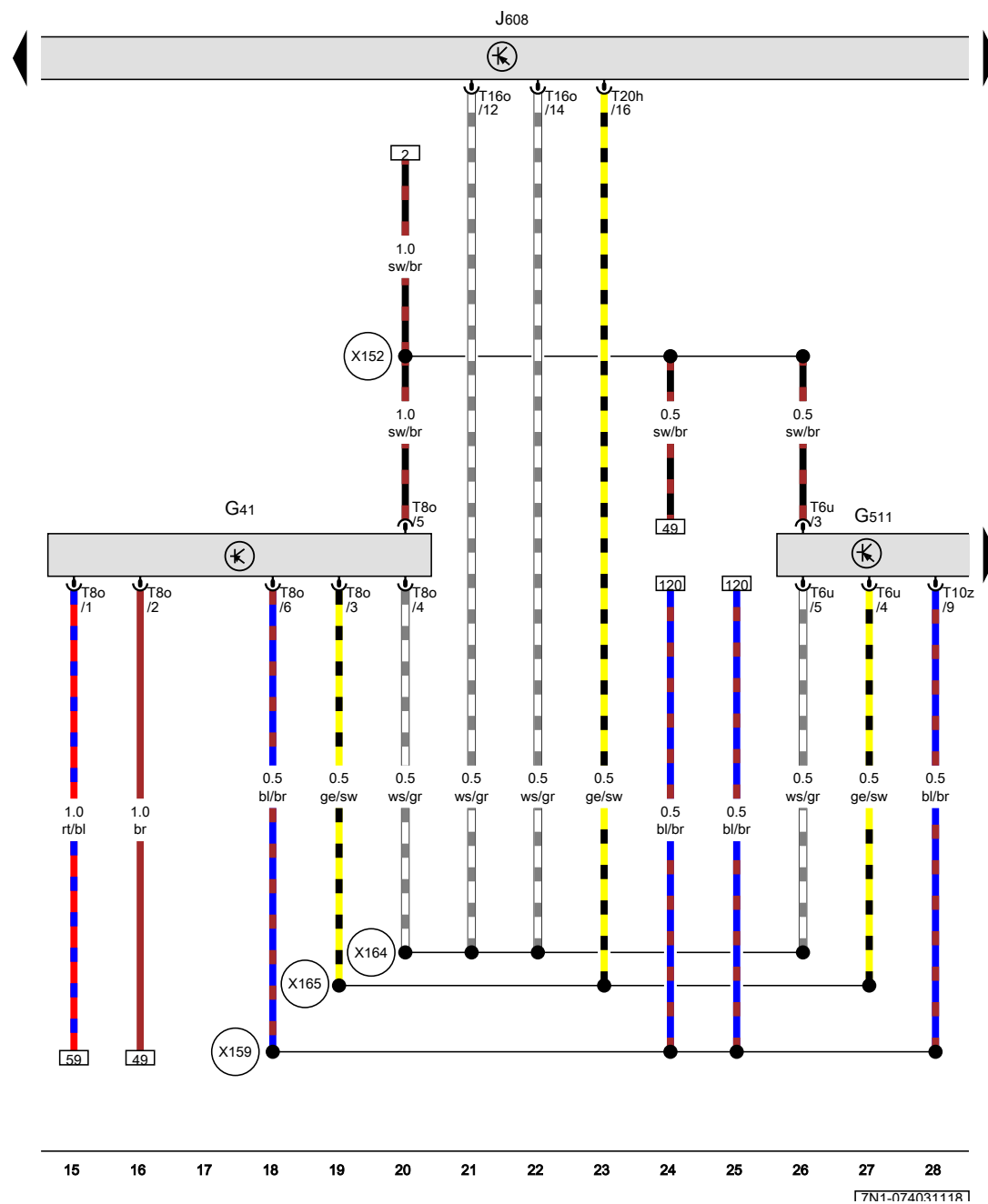
- G41 Taximeter, in front centre console
- G511 Mirror taximeter
- J608 Special vehicle control unit
- T6u 6-pin connector, black
- T8o 8-pin connector, black
- T10z 10-pin connector, black
- T16o 16-pin connector, black
- T20h 20-pin connector, red

X152 Positive connection 2 (15), in taxi wiring harness

X159 Connection 9, in taxi wiring harness

X164 Connection 14, in taxi wiring harness

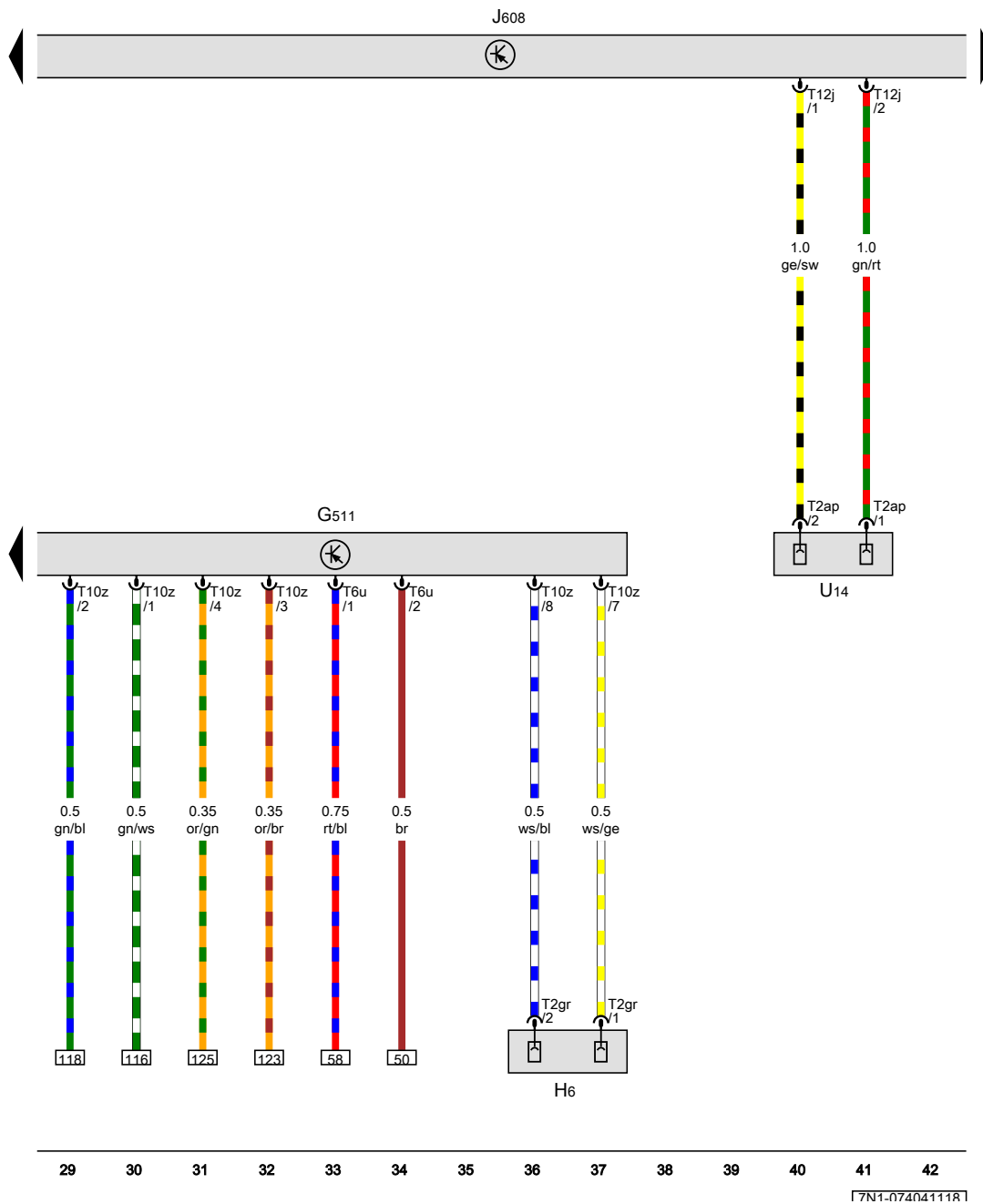
X165 Connection 15, in taxi wiring harness

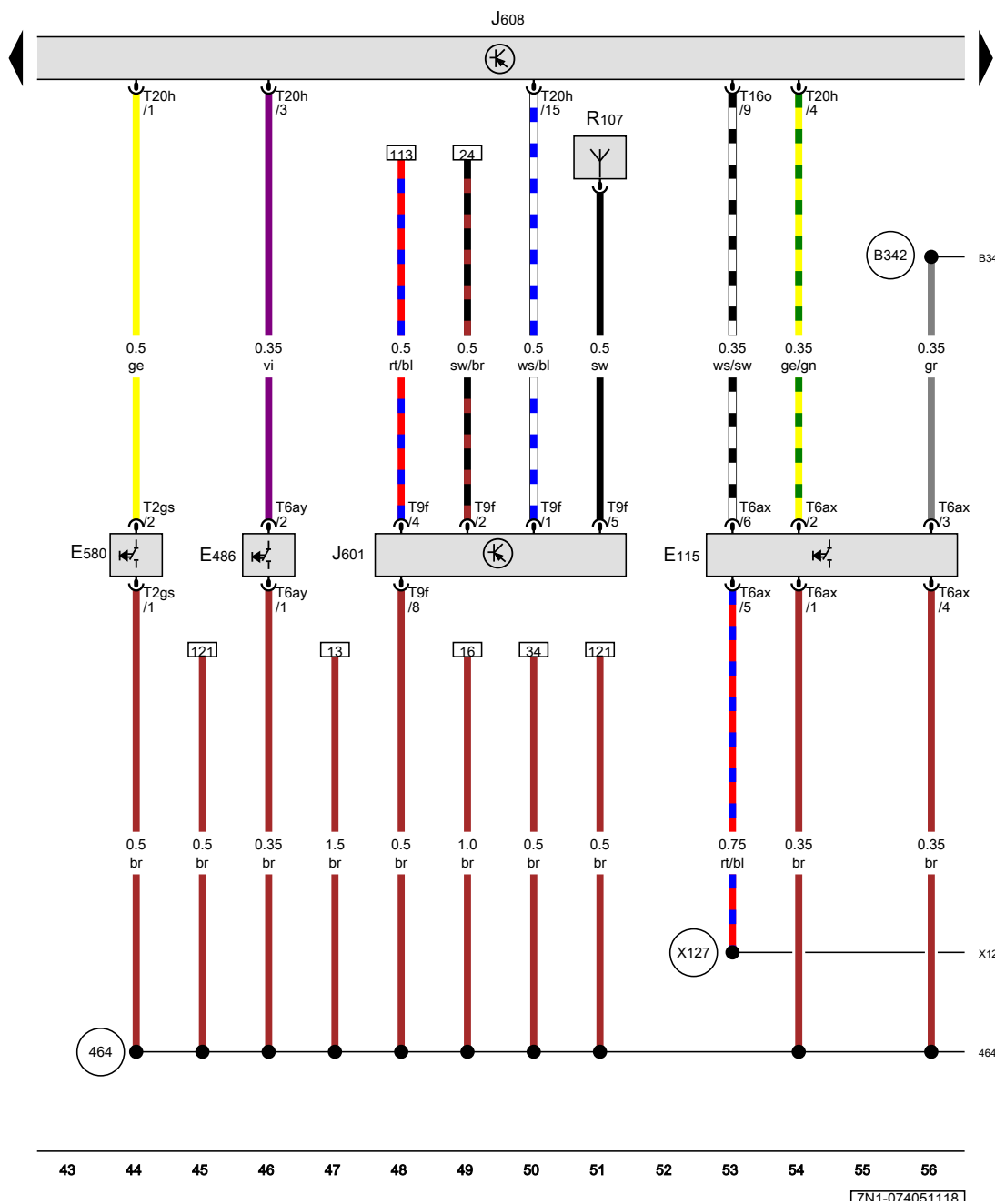


[7N1-074031118]

Mirror taximeter, Special vehicle control unit, Taxi roof sign socket

- G511 Mirror taximeter
- H6 Contact in ignition and starter switch for ignition key warning system, in centre of dash panel
- J608 Special vehicle control unit
- T2ap 2-pin connector, black
- T2gr 2-pin connector, black
- T6u 6-pin connector, black
- T10z 10-pin connector, black
- T12j 12-pin connector, black
- U14 Taxi roof sign socket, on left C-pillar





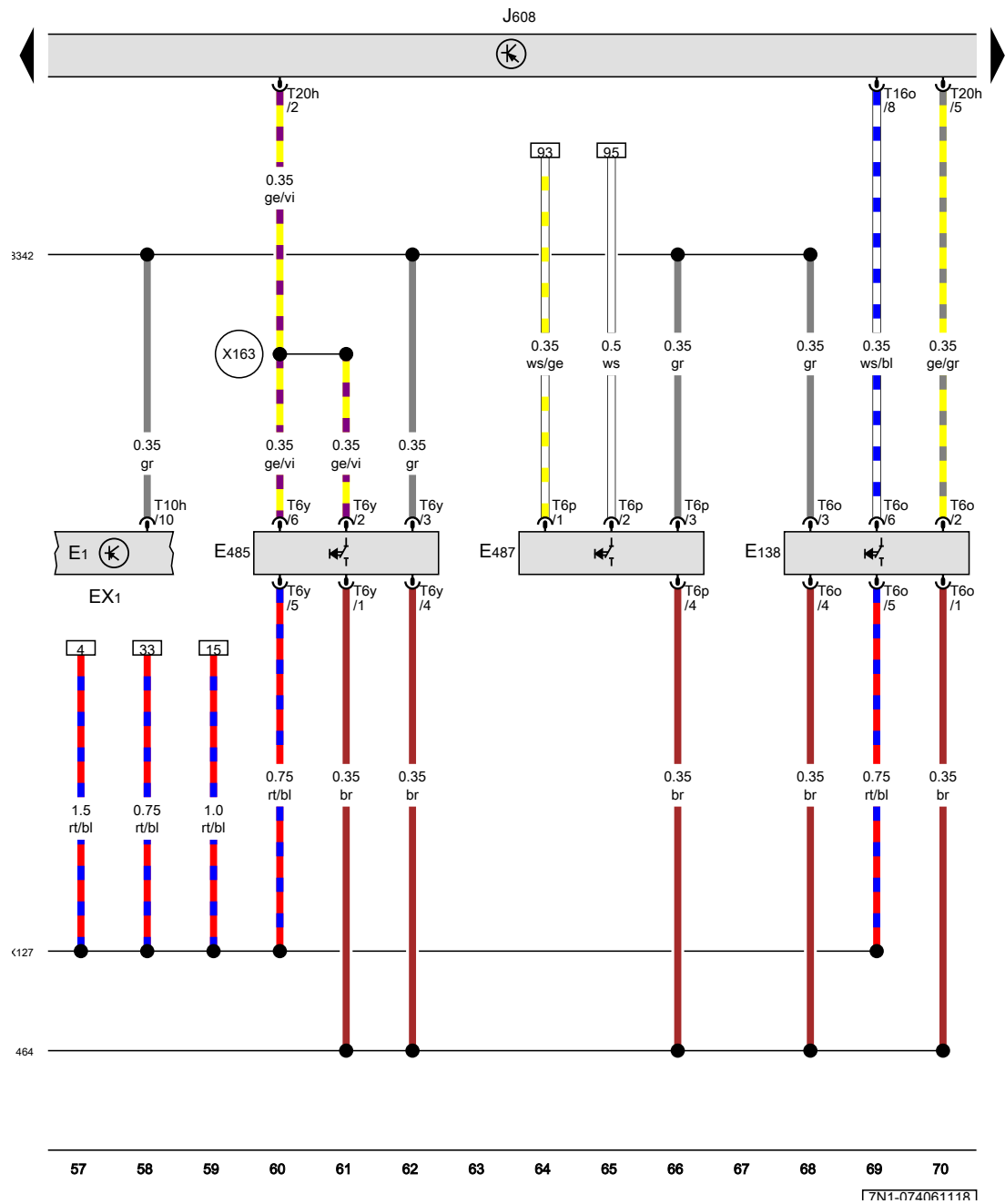
Interior light switch (taxi), Taxi alarm off button, Passive Taxi alarm button, Taxi alarm remote control, control unit, Special vehicle control unit, Remote controlled taxi alarm aerial

- E115 Interior light switch (taxi), in front centre console
- E486 Taxi alarm off button, in luggage compartment, rear left
- E580 Passive Taxi alarm button, near lower part of left A-pillar
- J601 Taxi alarm remote control, control unit, under driver seat
- J608 Special vehicle control unit
- R107 Remote controlled taxi alarm aerial
- T2gs 2-pin connector, black
- T6ax 6-pin connector, black
- T6ay 6-pin connector, black
- T9f 9-pin connector, black
- T16o 16-pin connector, black
- T20h 20-pin connector, red

464 Earth connection 3, in taxi wiring harness

B342 Connection 3 (58d), in main wiring harness

X127 Positive connection 3 (30a), in taxi wiring harness

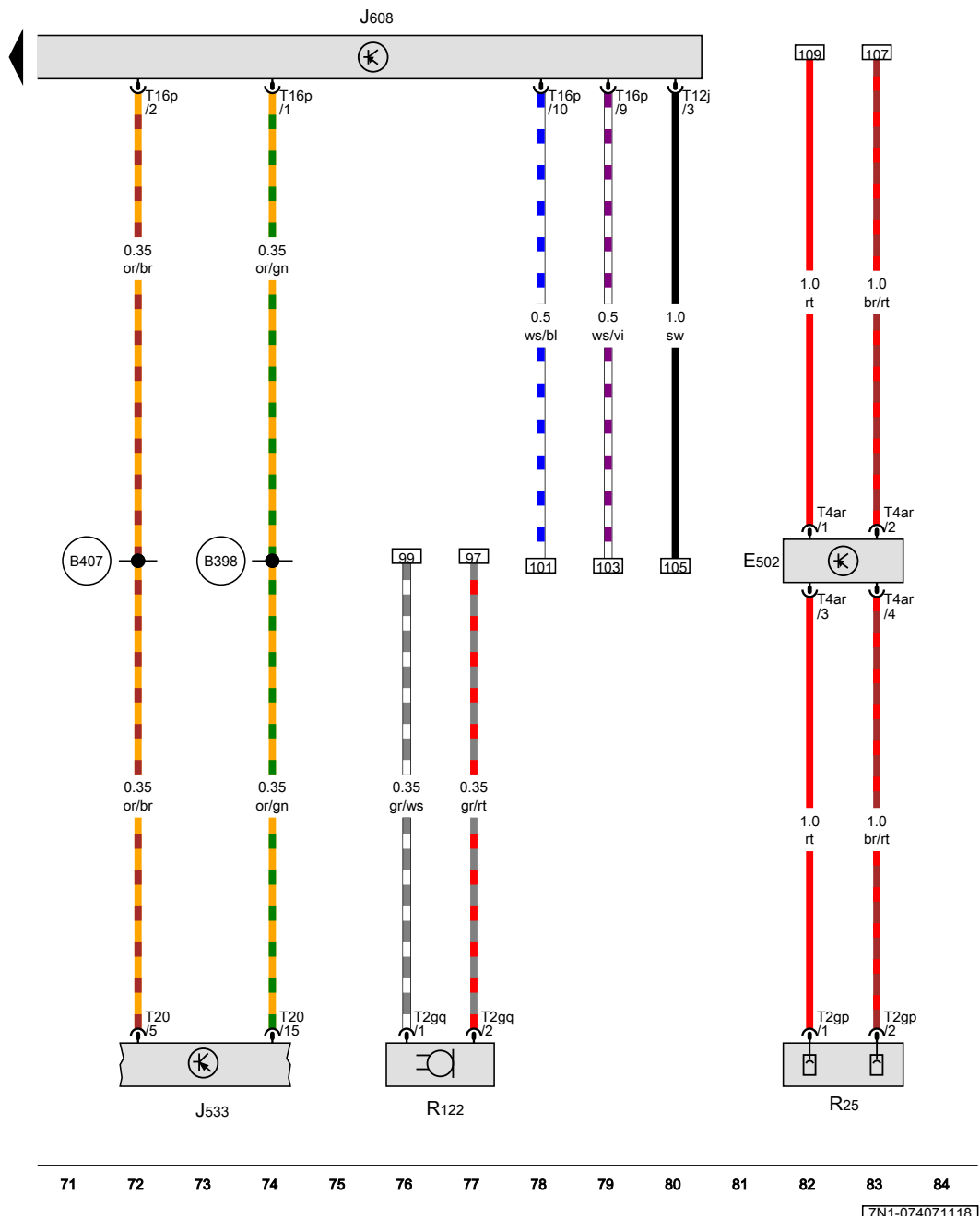


Taxi sign switch, Taxi alarm active button, Hands-free system button, Special vehicle control unit

- | | |
|------|---|
| EX1 | Rotary light switch |
| E1 | Light switch |
| E138 | Taxi sign switch, in front centre console |
| E485 | Taxi alarm active button, on lower section of left A-pillar |
| E487 | Hands-free system button, in front centre console |
| J608 | Special vehicle control unit |
| T6o | 6-pin connector, black |
| T6p | 6-pin connector, black |
| T6y | 6-pin connector, black |
| T10h | 10-pin connector, black |
| T16o | 16-pin connector, black |
| T20h | 20-pin connector, red |

- 464 Earth connection 3, in taxi wiring harness
- B342 Connection 3 (58d), in main wiring harness
- X127 Positive connection 3 (30a), in taxi wiring harness
- X163 Connection 13, in taxi 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



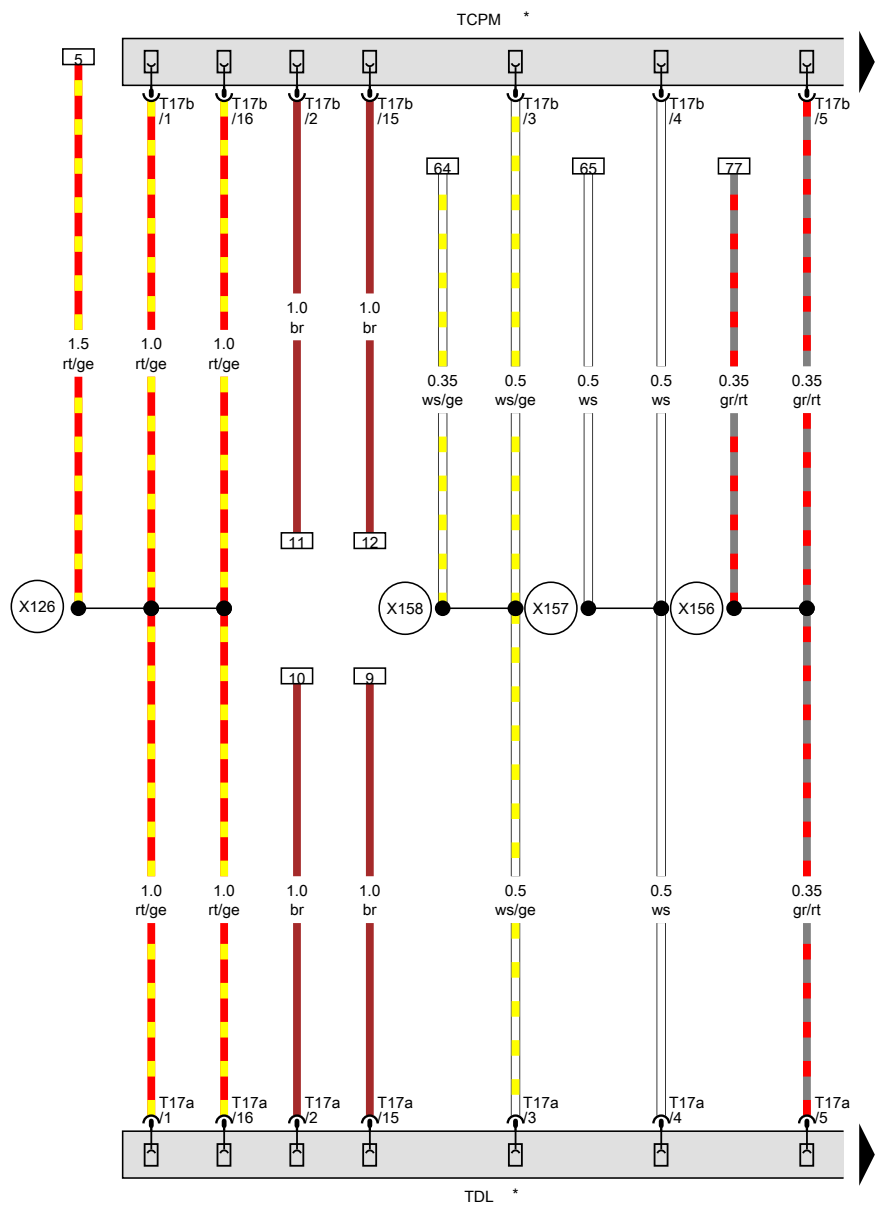
2-way radio loudspeaker volume control 1, Data bus diagnostic interface, Special vehicle control unit, 2-way radio unit microphone

- E502 2-way radio loudspeaker volume control 1, in front centre console
- J533 Data bus diagnostic interface
- J608 Special vehicle control unit
- R25 Two-way radio loudspeaker, in front centre console
- R122 2-way radio unit microphone, on roof module
- T2gp 2-pin connector, black
- T2gq 2-pin connector, black
- T4ar 4-pin connector, black
- T12j 12-pin connector, black
- T16p 16-pin connector, brown
- T20 20-pin connector, red

B398 Connection 2 (convenience CAN bus, high), 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



Coupling point on dash panel, centre, Coupling point on left D-pillar

T17a 17-pin connector, black
 T17b 17-pin connector, black
 TCPM Coupling point on dash panel, centre
 TDL Coupling point on left D-pillar

X126 Positive connection 2 (30a), in taxi wiring harness

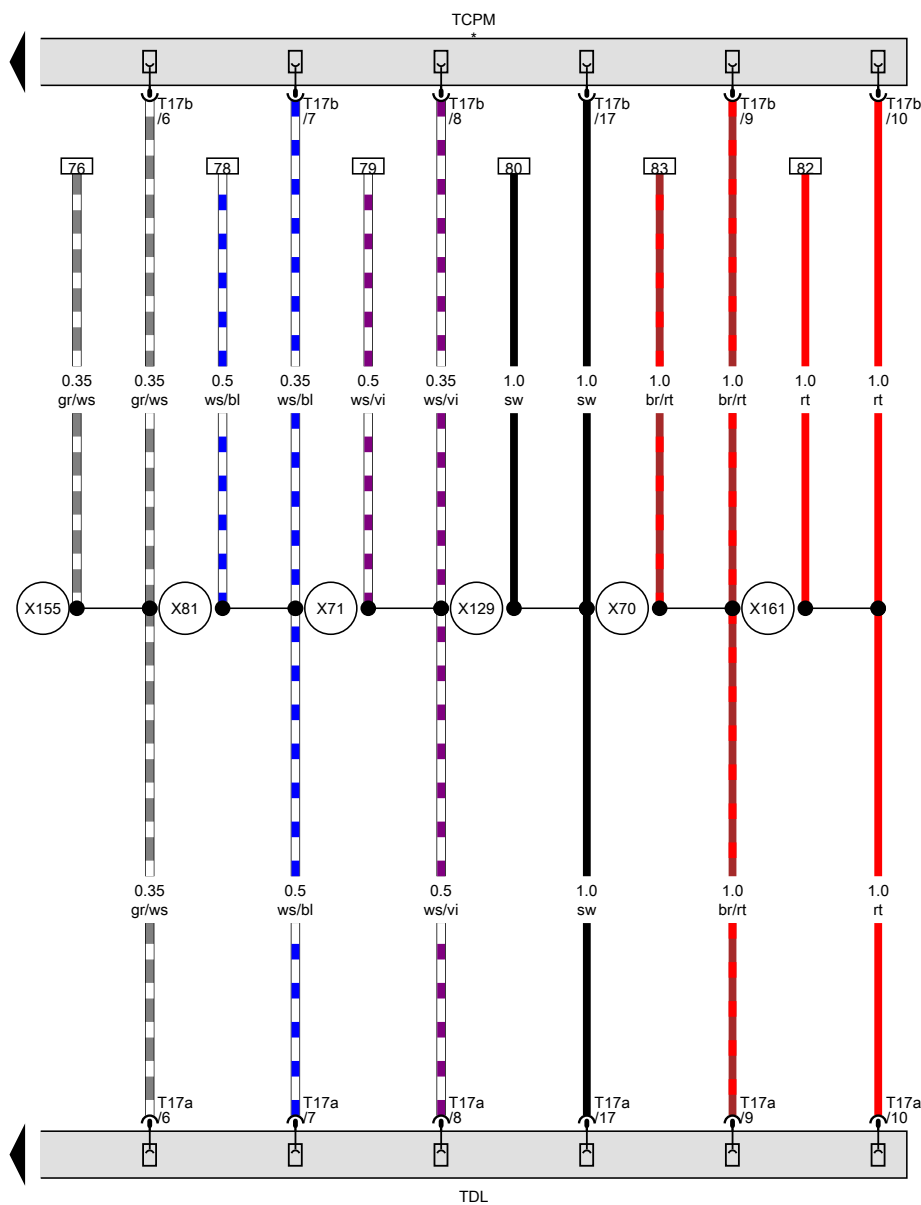
X156 Connection 6, in taxi wiring harness

X157 Connection 7, in taxi wiring harness

X158 Connection 8, in taxi wiring harness

* Connection for 2-way radio

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

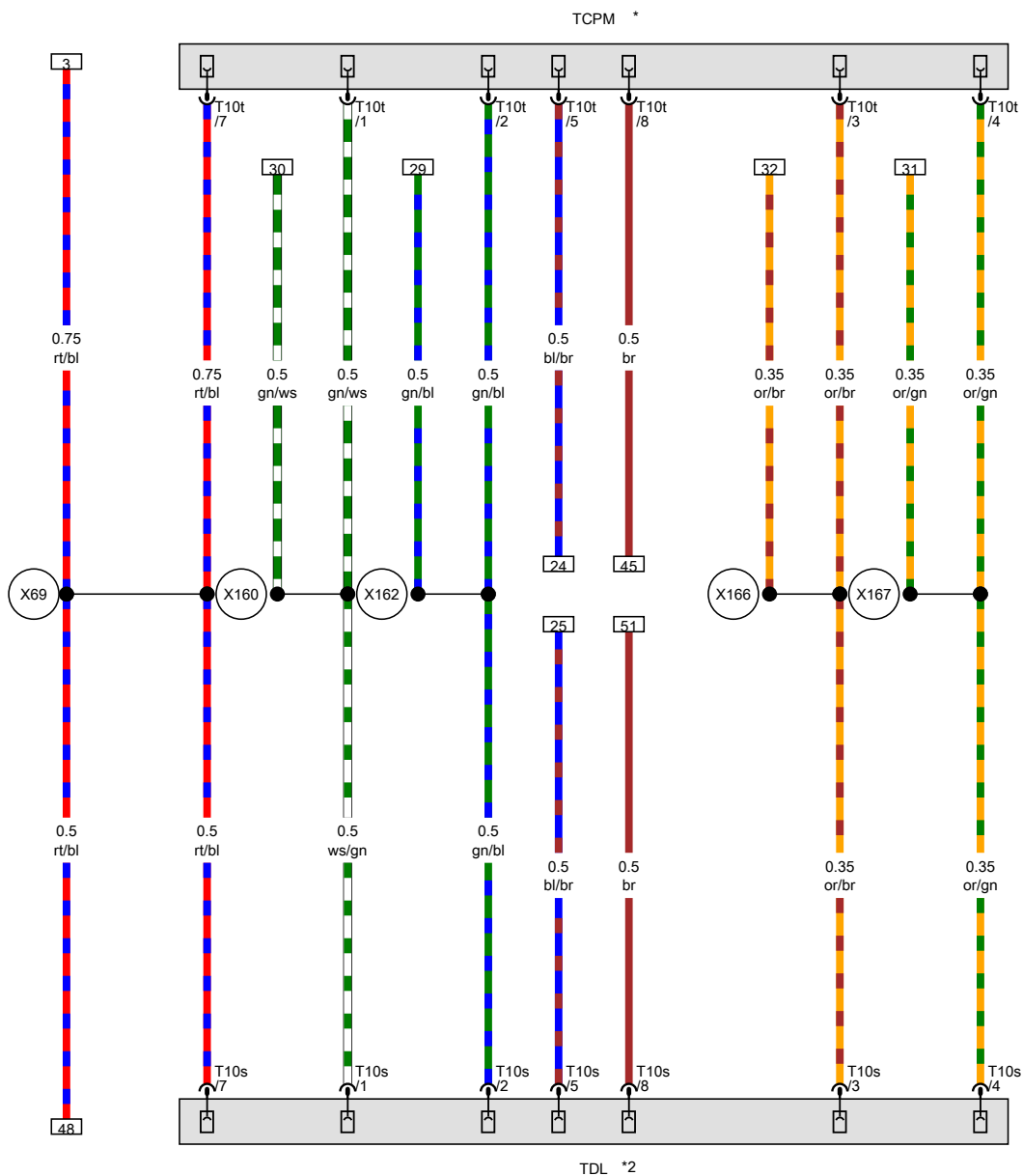


Coupling point on dash panel, centre, Coupling point on left D-pillar

- T17a 17-pin connector, black
- T17b 17-pin connector, black
- TCPM Coupling point on dash panel, centre
- TDL Coupling point on left D-pillar
- X70 Connection 2, in taxi wiring harness
- X71 Connection 3, in taxi wiring harness
- X81 Connection 4, in taxi wiring harness
- X129 Positive connection 1 (15), in taxi wiring harness
- X155 Connection 5, in taxi wiring harness
- X161 Connection 11, in taxi wiring harness
- * Connection for 2-way radio

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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

7N1-074091118



Coupling point on dash panel, centre

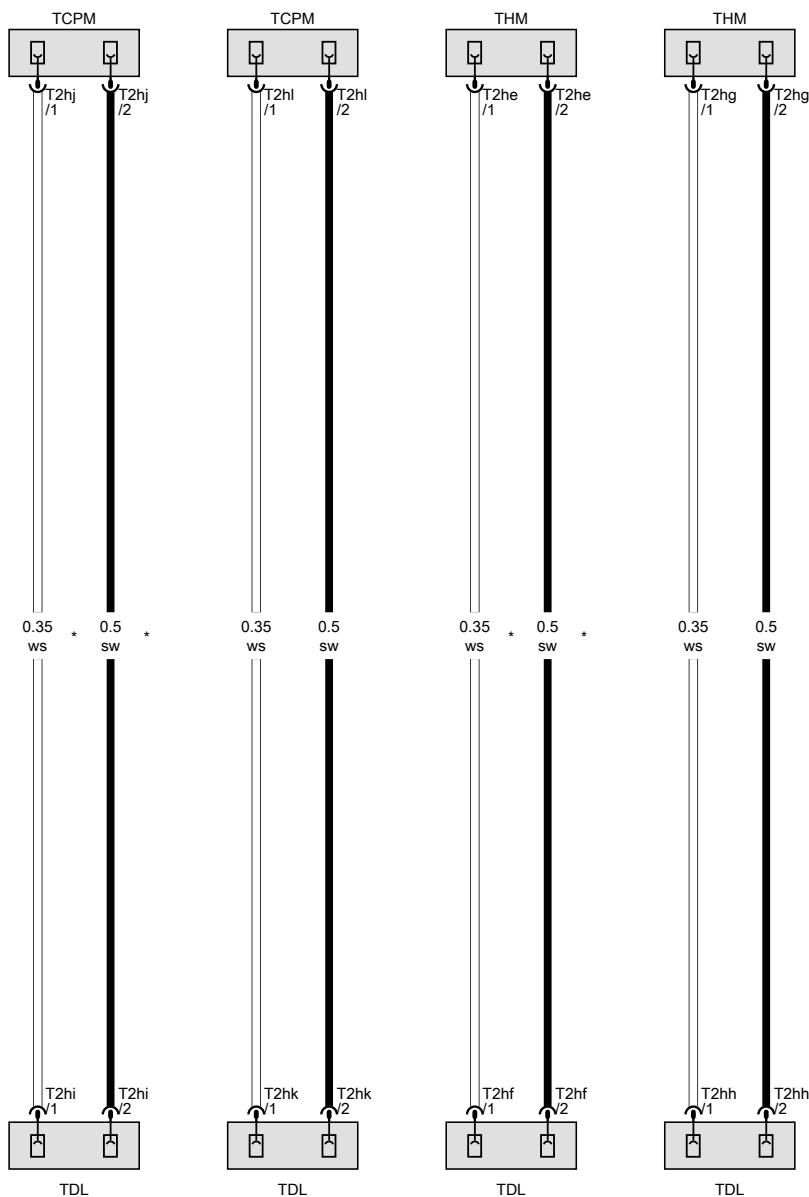
- T10s 10-pin connector, black
- T10t 10-pin connector, black
- TCPM Coupling point on dash panel, centre
- TDL Coupling point on left D-pillar

- X69 Connection 1, in taxi wiring harness
- X160 Connection 10, in taxi wiring harness
- X162 Connection 12, in taxi wiring harness
- X166 Connection (low bus), in taxi wiring harness
- X167 Connection (high bus), in taxi wiring harness

- * Spare wiring, front
- *2 Spare wiring, rear

Coupling point on dash panel, centre, Coupling point on left D-pillar, Coupling point for roof, centre

- T2he 2-pin connector, blue
- T2hf 2-pin connector, blue
- T2hg 2-pin connector, green
- T2hh 2-pin connector, green
- T2hi 2-pin connector, blue
- T2hj 2-pin connector, blue
- T2hk 2-pin connector, green
- T2hl 2-pin connector, green
- TCPM Coupling point on dash panel, centre
- TDL Coupling point on left D-pillar
- THM Coupling point for roof, centre, near roof aerial
- * Data wire



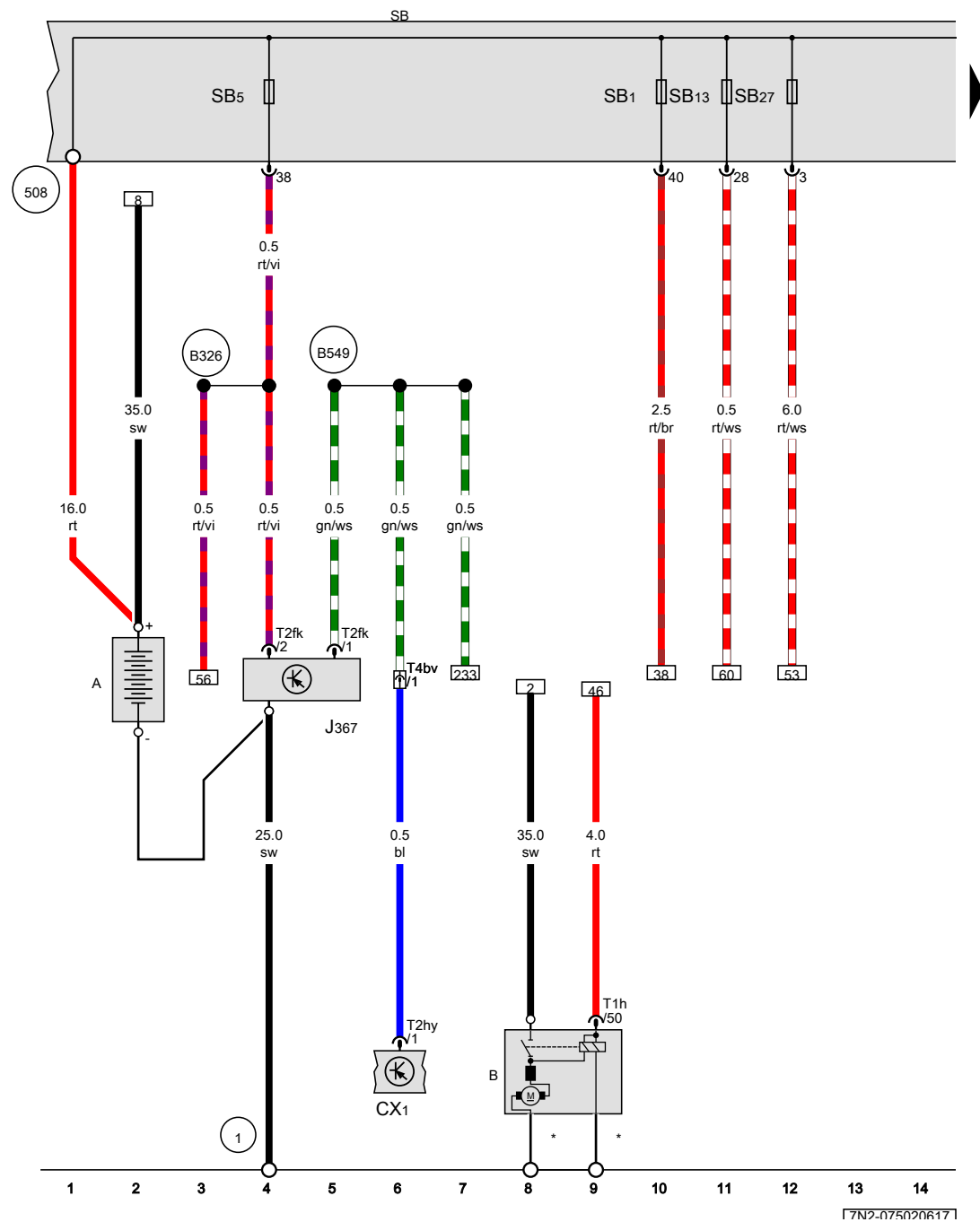
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

127 128 129 130 131 132 133 134 135 136 137 138 139 140

[7N1-074111118]

1.4l petrol engine , CZDA

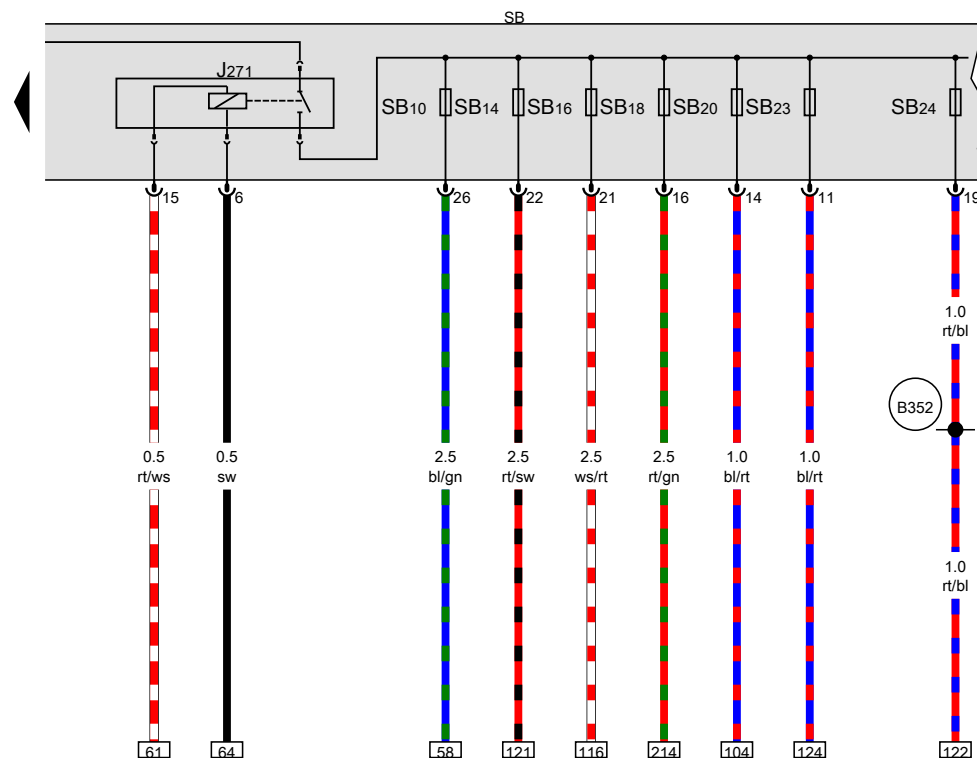
From May 2015



Battery, Starter, Alternator with voltage regulator, Battery monitor control unit, Fuse holder B

- A Battery
- B Starter
- CX1 Alternator with voltage regulator
- J367 Battery monitor control unit, on earth cable battery clamp
- SB Fuse holder B
- SB1 Fuse 1 on fuse holder B
- SB5 Fuse 5 on fuse holder B
- SB13 Fuse 13 on fuse holder B
- SB27 Fuse 27 on fuse holder B
- T1h 1-pin connector, black
- T2fk 2-pin connector, yellow
- T2hy 2-pin connector, black
- T4bv 4-pin connector, black

- 1 Earth strap, battery - body
- 508 Threaded connection (30) on E-box
- B326 Positive connection 12 (30a) in main wiring harness
- B549 Connection 2 (LIN bus) in main wiring harness
- * Earth supply via housing



Main relay, Fuse holder B

- J271 Main relay
- SB Fuse holder B
- SB10 Fuse 10 on fuse holder B
- SB14 Fuse 14 on fuse holder B
- SB16 Fuse 16 on fuse holder B
- SB18 Fuse 18 on fuse holder B
- SB20 Fuse 20 on fuse holder B
- SB23 Fuse 23 on fuse holder B
- SB24 Fuse 24 on fuse holder B

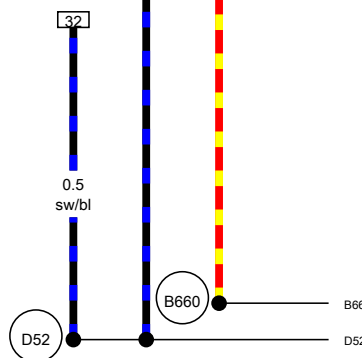
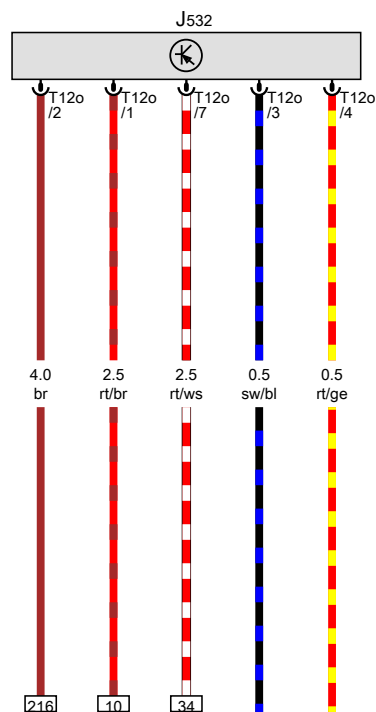
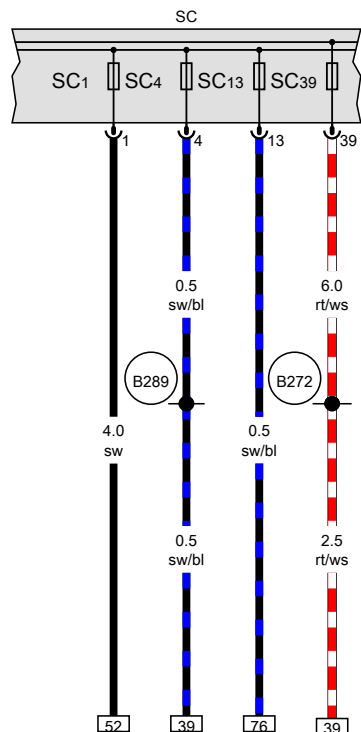
B352 Positive connection 3 (87a) in main wiring harness

- 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

Voltage stabiliser, Fuse holder C

J532 Voltage stabiliser
 SC Fuse holder C
 SC1 Fuse 1 on fuse holder C
 SC4 Fuse 4 on fuse holder C
 SC13 Fuse 13 on fuse holder C
 SC39 Fuse 39 on fuse holder C
 T12o 12-pin connector, black

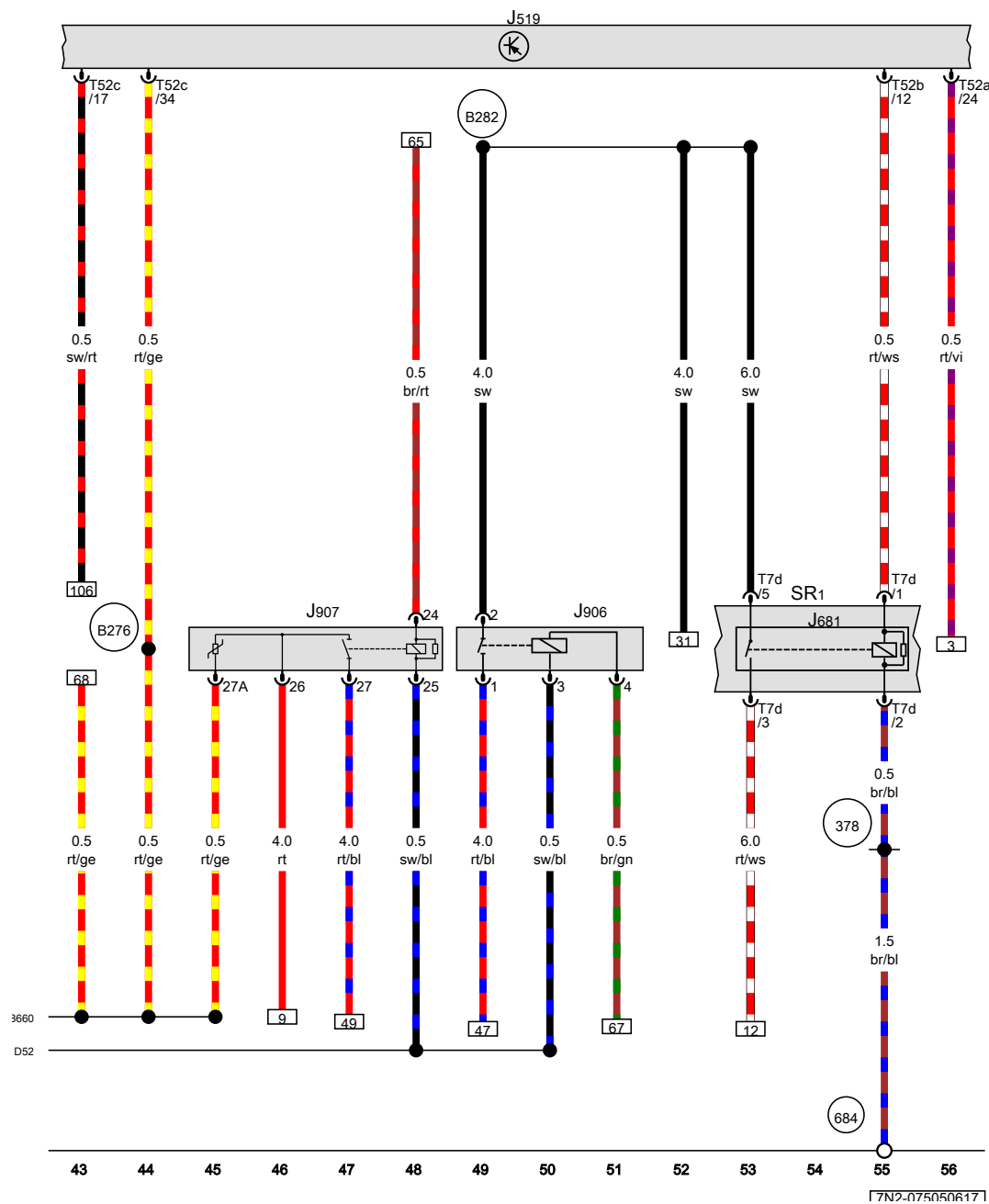
- (B272) Positive connection (30), in main wiring harness
- (B289) Positive connection 13 (15a) in main wiring harness
- (B660) Connection (diagnosis terminal 50), in main wiring harness
- (D52) Positive connection (15a), in engine compartment wiring harness



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

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

[7N2-075040R17]



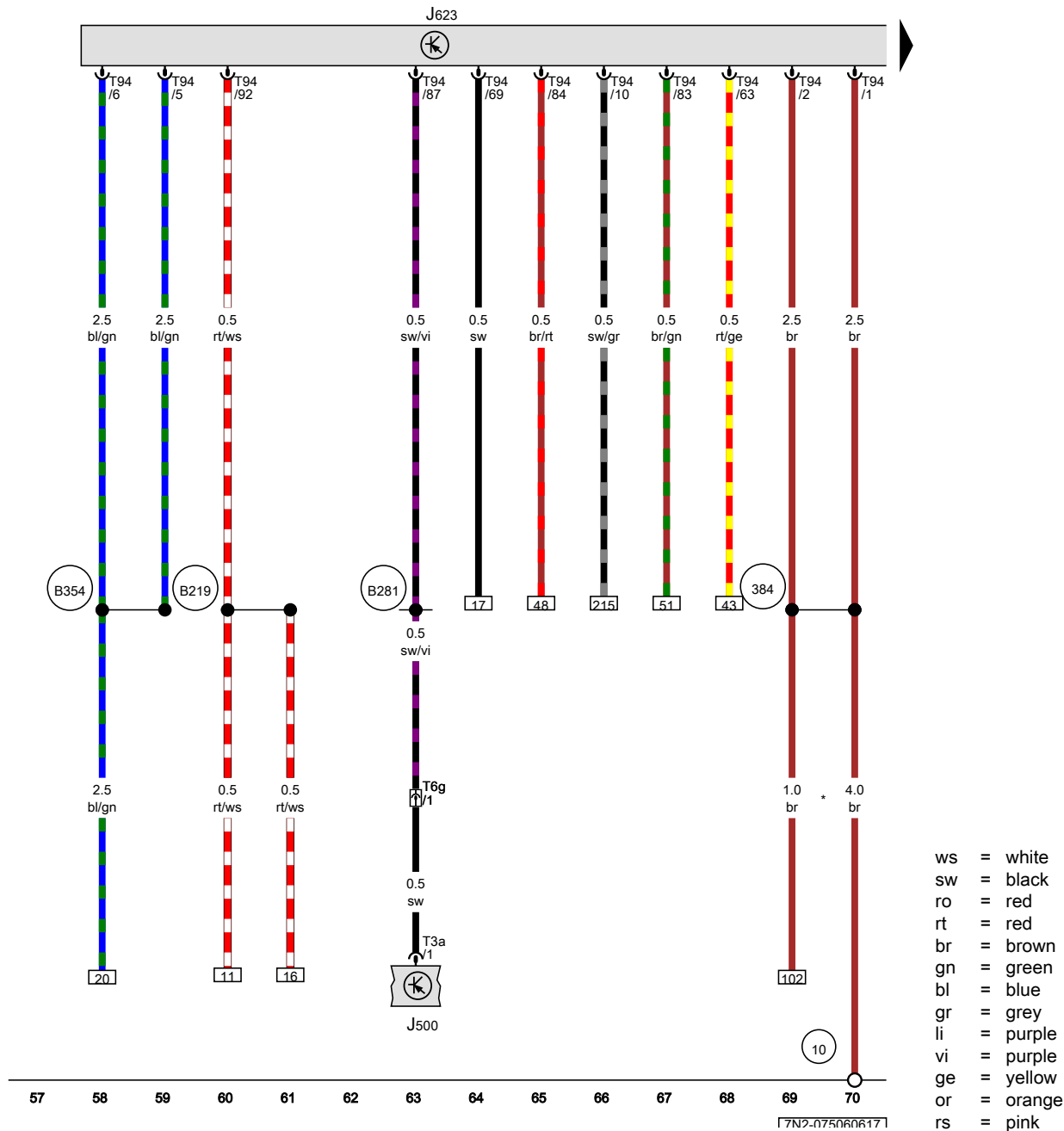
ws = white
 sw = black
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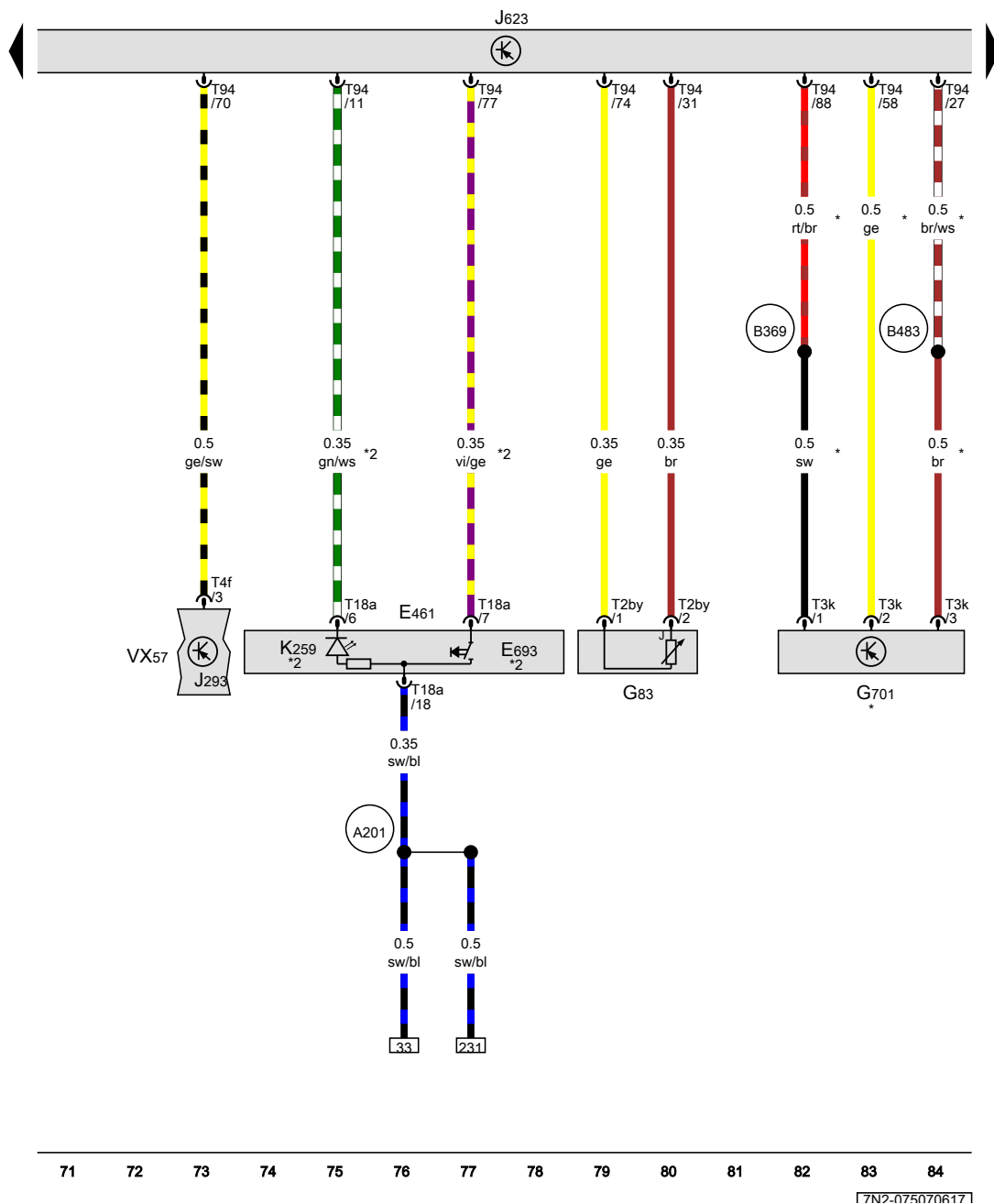
Onboard supply control unit, Terminal 15 voltage supply relay 2, Starter relay 1, Starter relay 2, Relay and fuse carrier 1

- J519 Onboard supply control unit
- J681 Terminal 15 voltage supply relay 2
- J906 Starter relay 1, on left in engine compartment, under E-box Low
- J907 Starter relay 2, on left in engine compartment, under E-box Low
- SR1 Relay and fuse carrier 1
- T7d 7-pin connector, black
- T52a 52-pin connector, black
- T52b 52-pin connector, colourless
- T52c 52-pin connector, brown
- 378 Earth connection 13, in main wiring harness
- 684 Earth point on front of left side member
- B276 Positive connection (50), in main wiring harness
- B282 Positive connection 6 (15a) in main wiring harness
- B660 Connection (diagnosis terminal 50), in main wiring harness
- D52 Positive connection (15a), in engine compartment wiring harness

Power steering control unit, Engine/motor control unit

- J500 Power steering control unit
- J623 Engine/motor control unit
- T3a 3-pin connector, black
- T6g 6-pin connector, black
- T94 94-pin connector, black
- 10 Earth point, in plenum chamber
- 384 Earth connection 19, in main wiring harness
- B219 Positive connection 4 (30a), in interior wiring harness
- B281 Positive connection 5 (15a) in main wiring harness
- B354 Positive connection 5 (87a) in main wiring harness
- * For models with manual gearbox





Operating unit in front of centre console, Start/Stop operation button, Radiator outlet coolant temperature sender, Gearbox neutral position sender, Engine/motor control unit, Radiator fan

- E461 Operating unit in front of centre console, in centre console
- E693 Start/Stop operation button
- G83 Radiator outlet coolant temperature sender
- G701 Gearbox neutral position sender
- J293 Radiator fan control unit
- J623 Engine/motor control unit
- K259 Start/Stop operation warning lamp
- T2by 2-pin connector, black
- T3k 3-pin connector, black
- T4f 4-pin connector, black
- T18a 18-pin connector, colourless
- T94 94-pin connector, black
- VX57 Radiator fan

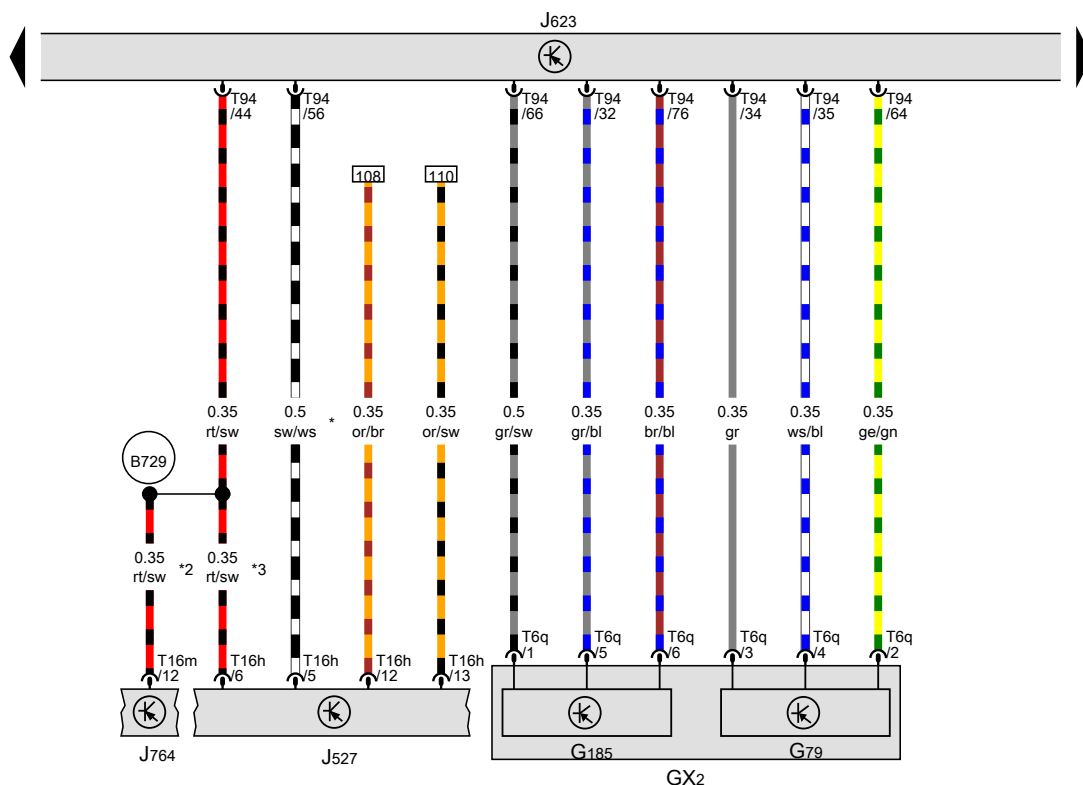
A201 Positive connection 6 (15a) in dash panel wiring harness

B369 Connection 1 (5V), in main wiring harness

B483 Connection 19, in main wiring harness

- * For models with manual gearbox
- *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



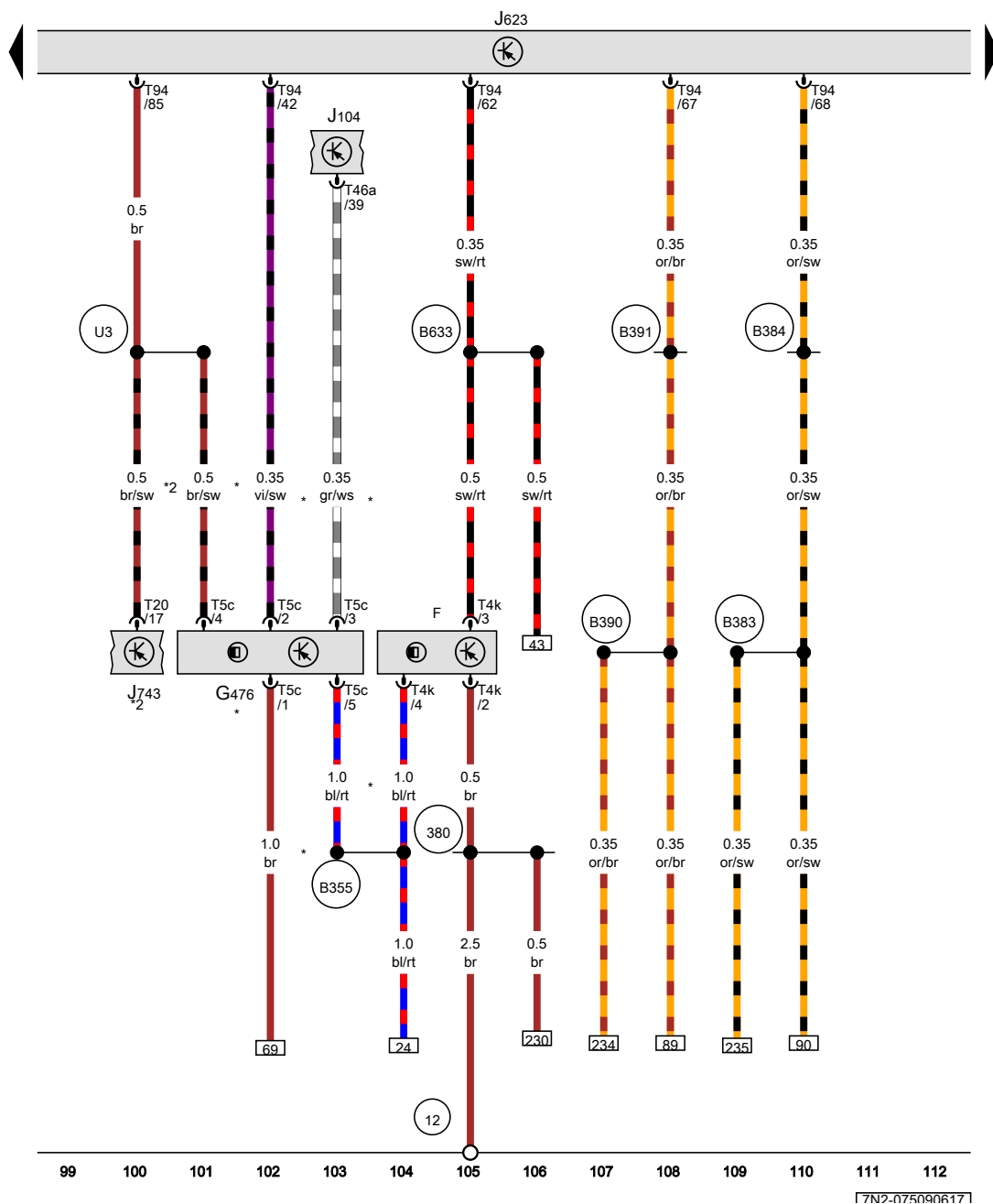
Accelerator pedal module, Steering column electronics control unit, Engine/motor control unit, Control unit for electronic steering column lock

- GX2 Accelerator pedal module
- 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
- T6q 6-pin connector, black
- T16h 16-pin connector, black
- T16m 16-pin connector, black
- T94 94-pin connector, black

B729 Connection 1 (50), in main wiring harness

- * For models with cruise control system (CCS)
- *2 For models with entry and start authorisation
- *3 For models with no entry and start authorisation
- *4 According to equipment

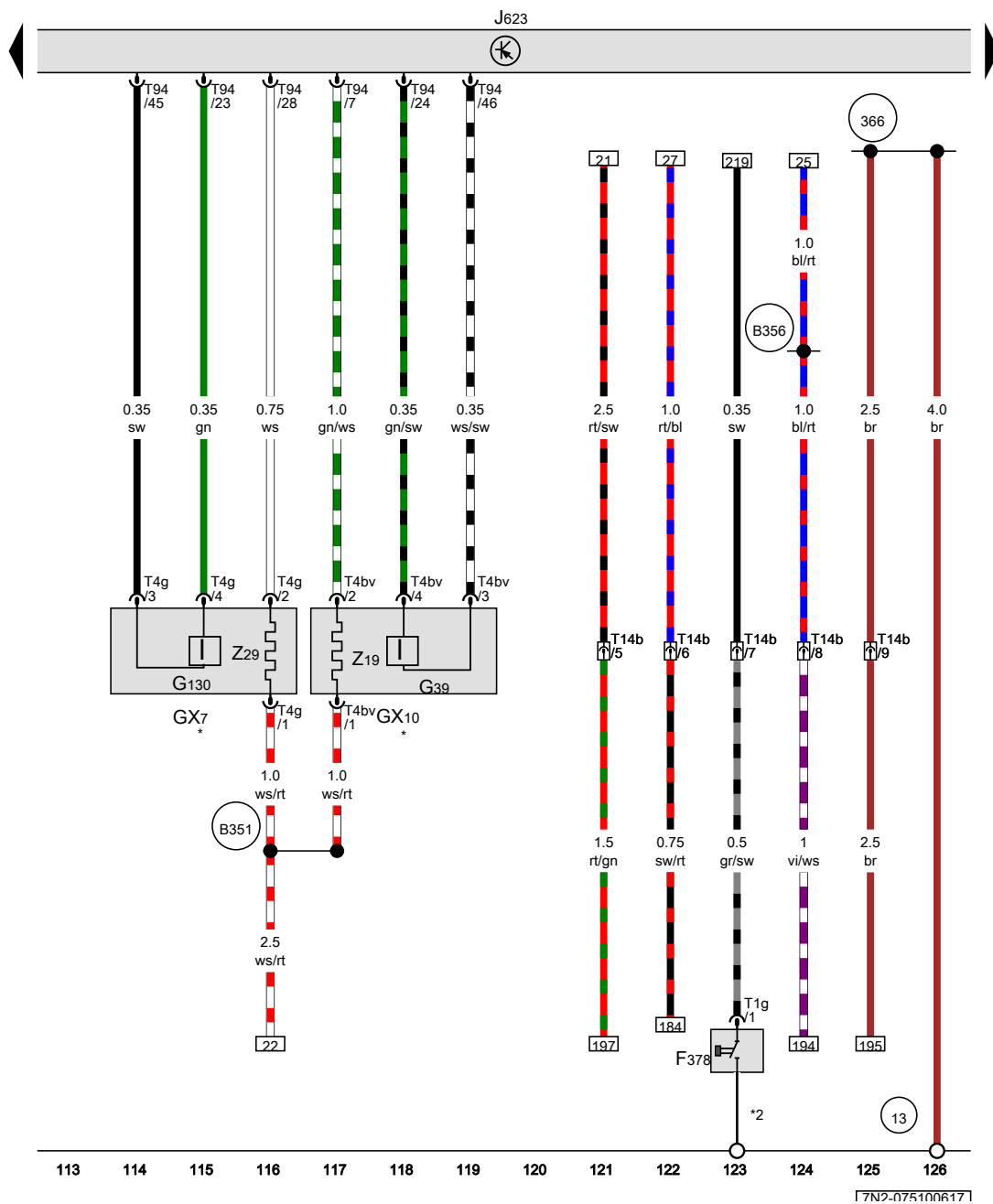
ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink



Brake light switch, Clutch position sender, ABS control unit, Engine/motor control unit, Mechatronic unit for dual clutch gearbox

- F Brake light switch
- G476 Clutch position sender
- J104 ABS control unit
- J623 Engine/motor control unit
- J743 Mechatronic unit for dual clutch gearbox
- T4k 4-pin connector, black
- T5c 5-pin connector, black
- T20 20-pin connector, black
- T46a 46-pin connector, black
- T94 94-pin connector, black
- 12 Earth point, on left in engine compartment
- 380 Earth connection 15, in main wiring harness
- B355 Positive connection 6 (87a) in main wiring harness
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B384 Connection 2 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- B391 Connection 2 (powertrain CAN bus, low), in main wiring harness
- B633 Connection (brake pedal switch), in main wiring harness
- U3 Connection 1, in automatic gearbox wiring harness
- * For models with manual gearbox
- *2 For models with dual clutch gearbox (DSG)

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



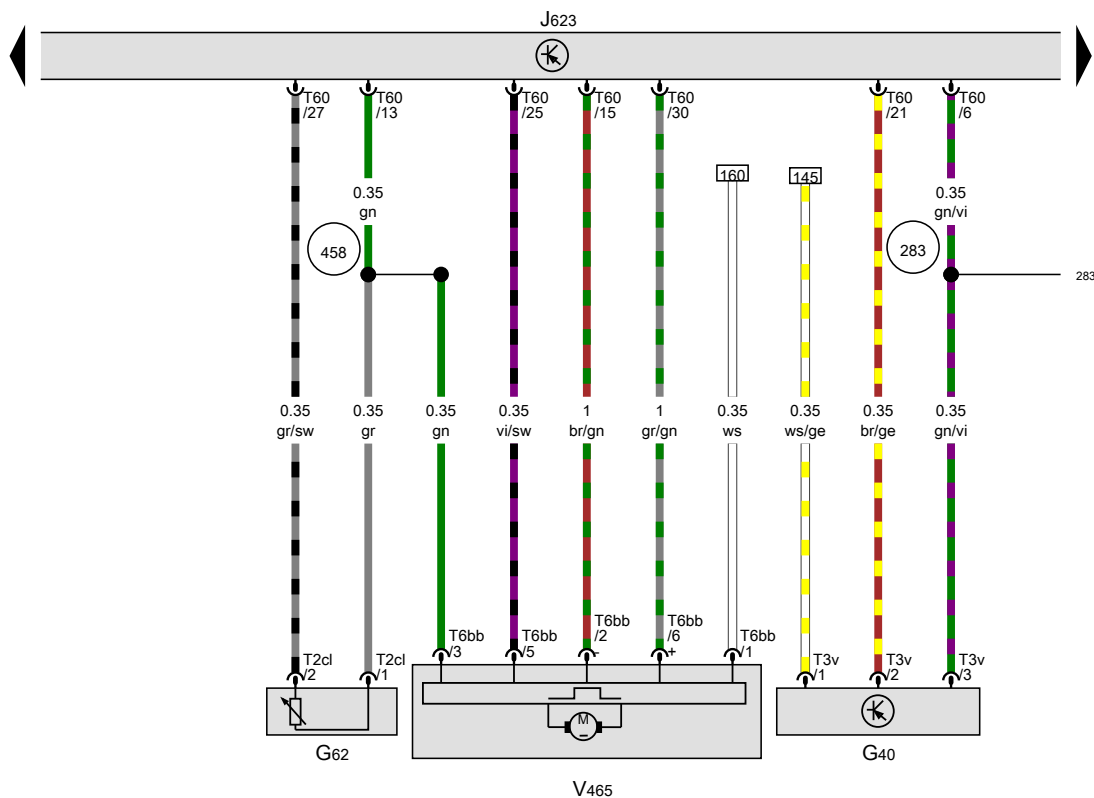
Oil pressure switch for reduced oil pressure, Lambda probe 1 after catalytic converter, Lambda probe 1 before catalytic converter, Engine/motor control unit

- 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
- T1g 1-pin connector, black
- T4bv 4-pin connector, black
- T4g 4-pin connector, black
- T14b 14-pin connector, grey
- T94 94-pin connector, black
- Z19 Lambda probe heater
- Z29 Lambda probe 1 heater after catalytic converter

- 13 Earth point, on right in engine compartment
- 366 Earth connection 1, in main wiring harness
- B351 Positive connection 2 (87a) in main wiring harness
- B356 Positive connection 7 (87a) in main wiring harness
- * Pre-wired component
- *2 Earth supply via housing

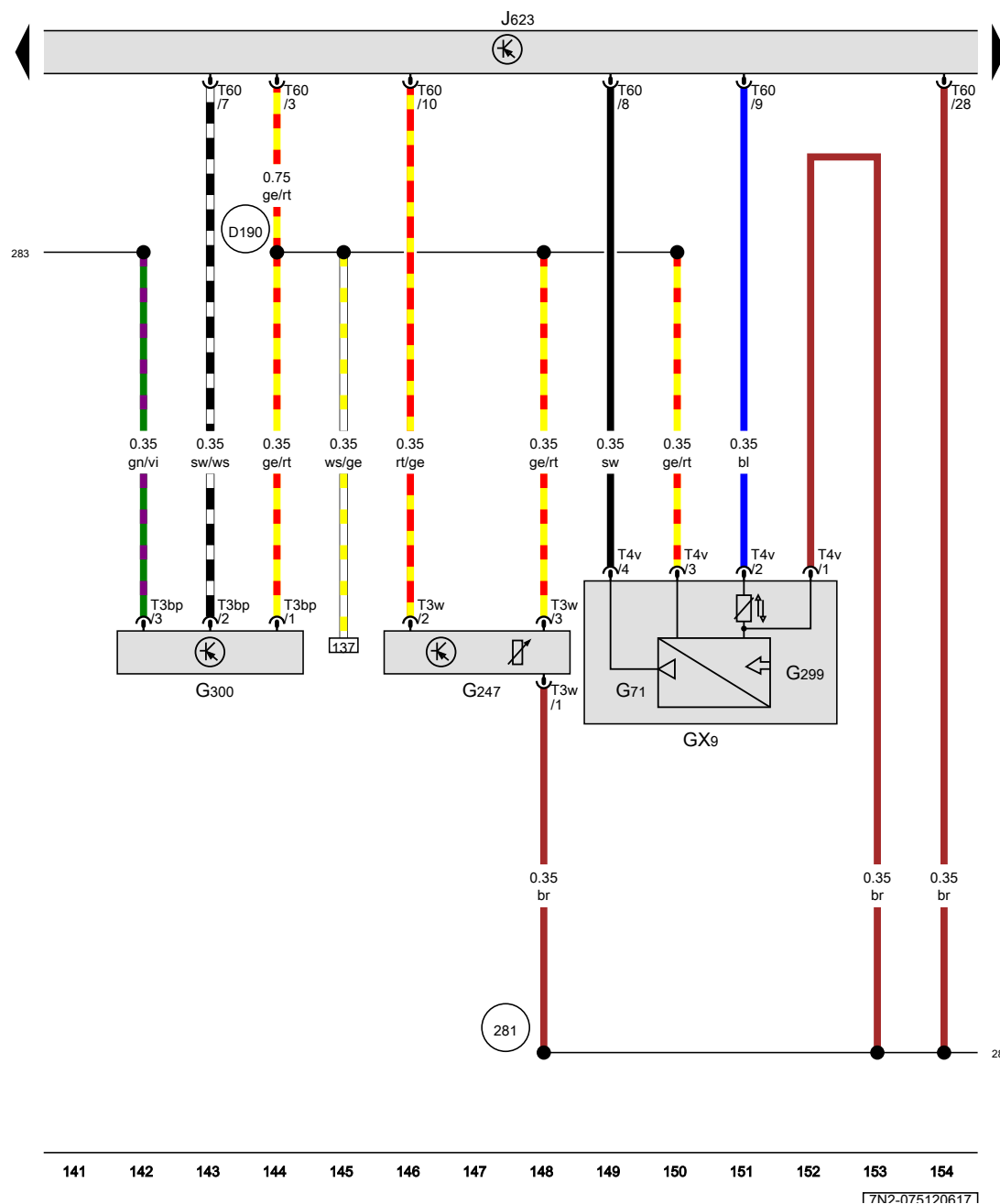
ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

Hall sender, Coolant temperature sender, Engine/motor control unit, Charge pressure positioner



- G40 Hall sender
- G62 Coolant temperature sender
- J623 Engine/motor control unit
- T2cl 2-pin connector, black
- T3v 3-pin connector, black
- T6bb 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

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



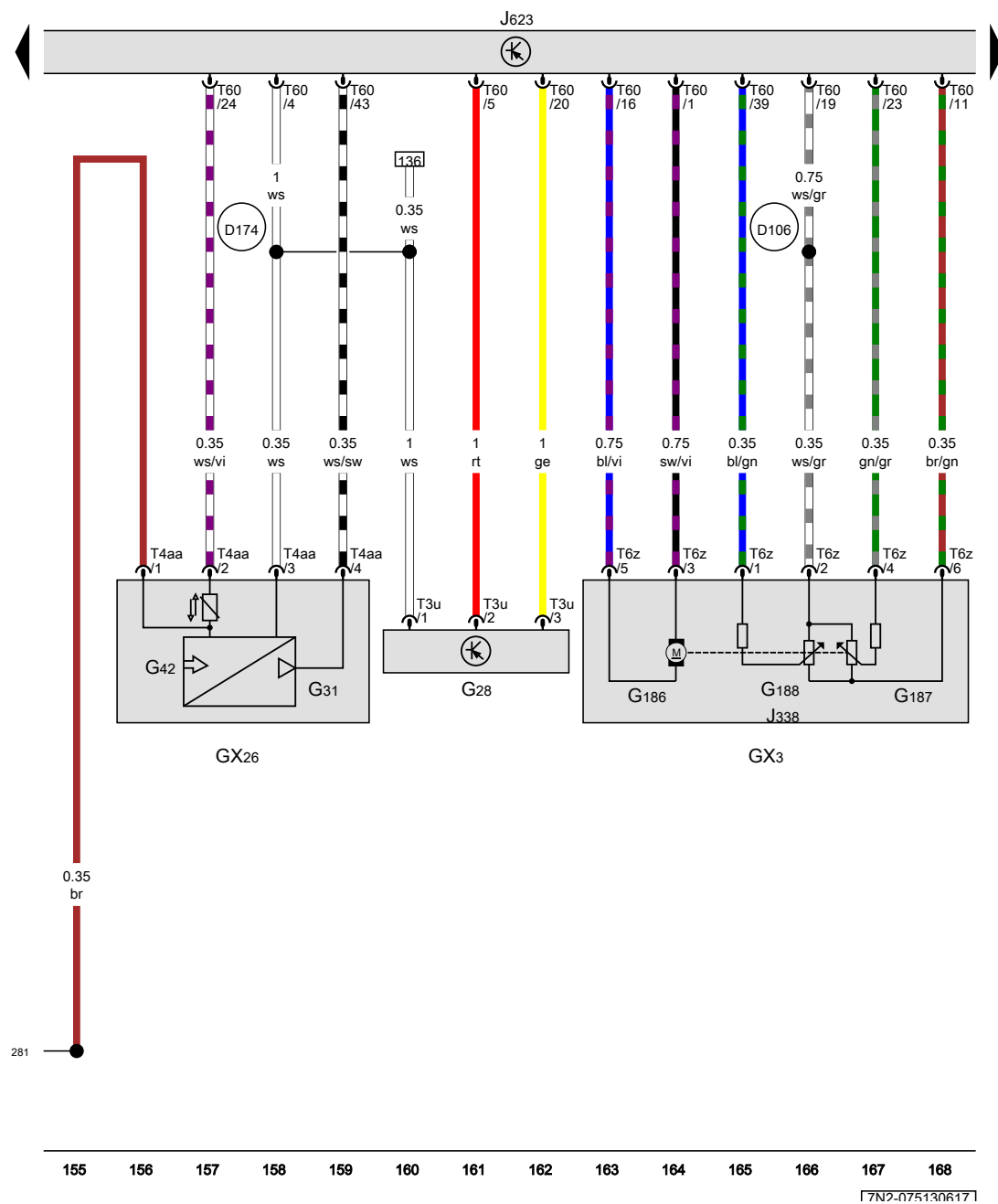
Intake manifold sender, Fuel pressure sender, Hall sender 3, Engine/motor control unit

- GX9 Intake manifold sender
- G71 Intake manifold pressure sender
- G247 Fuel pressure sender
- G299 Intake air temperature sender 2
- G300 Hall sender 3
- J623 Engine/motor control unit
- T3bp 3-pin connector, black
- T3w 3-pin connector, black
- T4v 4-pin connector, black
- T60 60-pin connector, black

281 Earth point 1, engine prewiring harness

283 Earth point 2, engine prewiring harness

D190 Connection 3 (5V) in engine prewiring harness

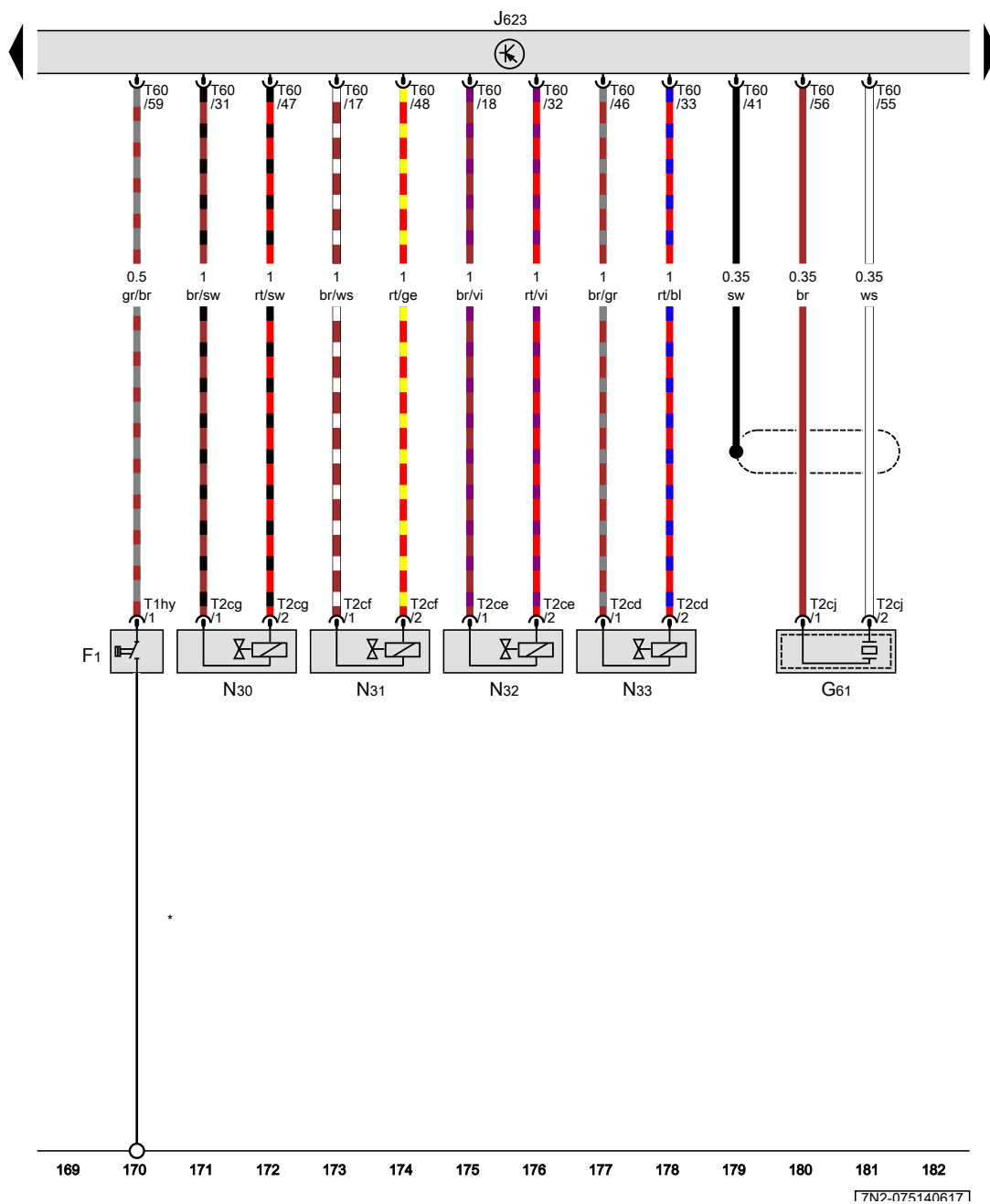


Throttle valve module, Charge pressure sender, Engine speed sender, Engine/motor control unit

- GX3 Throttle valve module
- GX26 Charge pressure sender
- G28 Engine speed sender
- G31 Charge pressure sender
- G42 Intake air 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
- T3u 3-pin connector, black
- T4aa 4-pin connector, black
- T6z 6-pin connector, black
- T60 60-pin connector, black

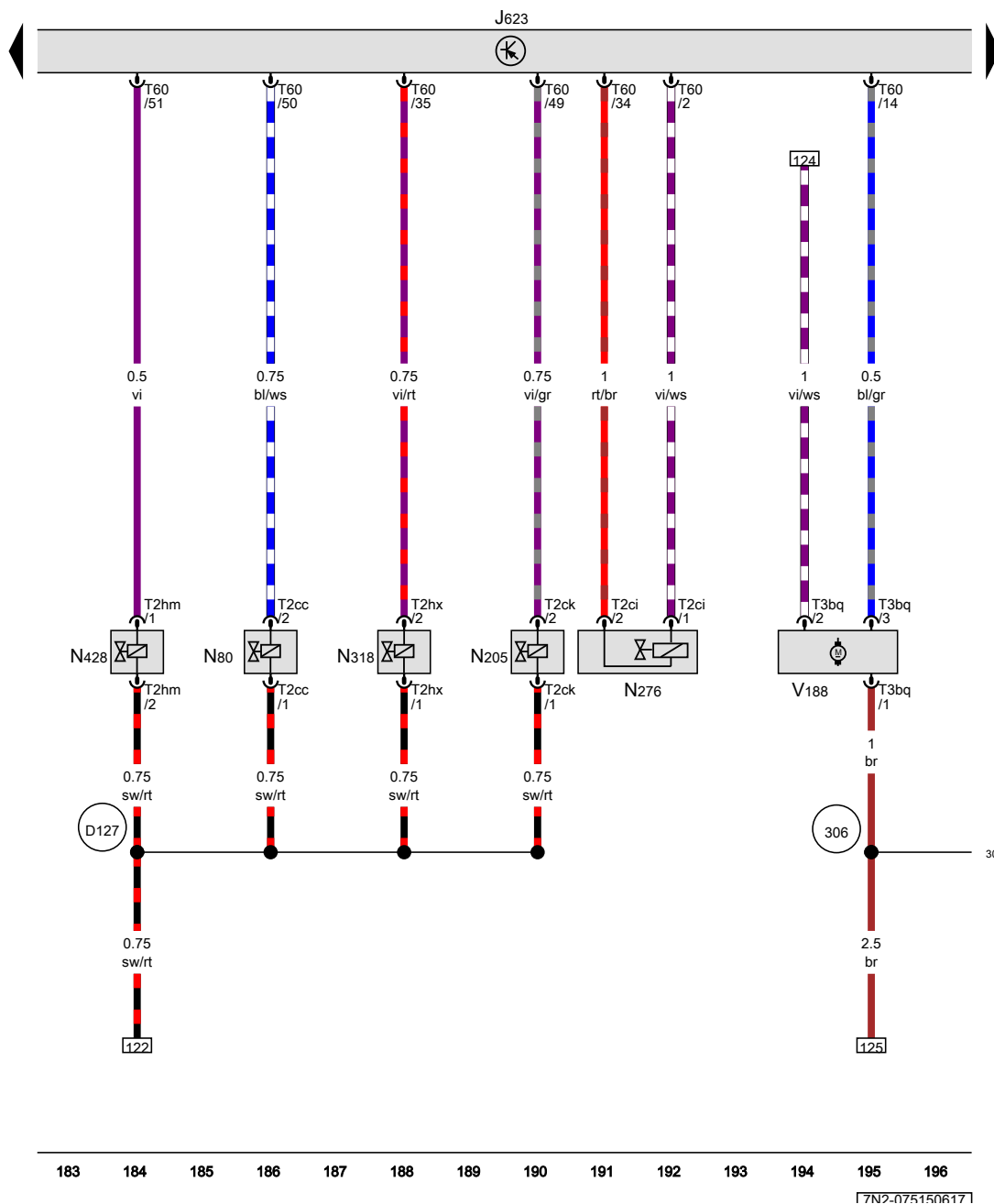
- 281 Earth point 1, engine prewiring harness
- D106 Connection 4 in engine compartment wiring harness
- D174 Connection 2 (5V) in engine prewiring harness

- 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



Oil pressure switch, Knock sensor 1, Engine/motor control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

- F1 Oil pressure switch
- G61 Knock sensor 1
- J623 Engine/motor control unit
- N30 Injector, cylinder 1
- N31 Injector, cylinder 2
- N32 Injector, cylinder 3
- N33 Injector, cylinder 4
- T1hy 1-pin connector, dark blue
- T2cd 2-pin connector, black
- T2ce 2-pin connector, black
- T2cf 2-pin connector, black
- T2cg 2-pin connector, black
- T2cj 2-pin connector, black
- T60 60-pin connector, black
- * Earth supply via housing

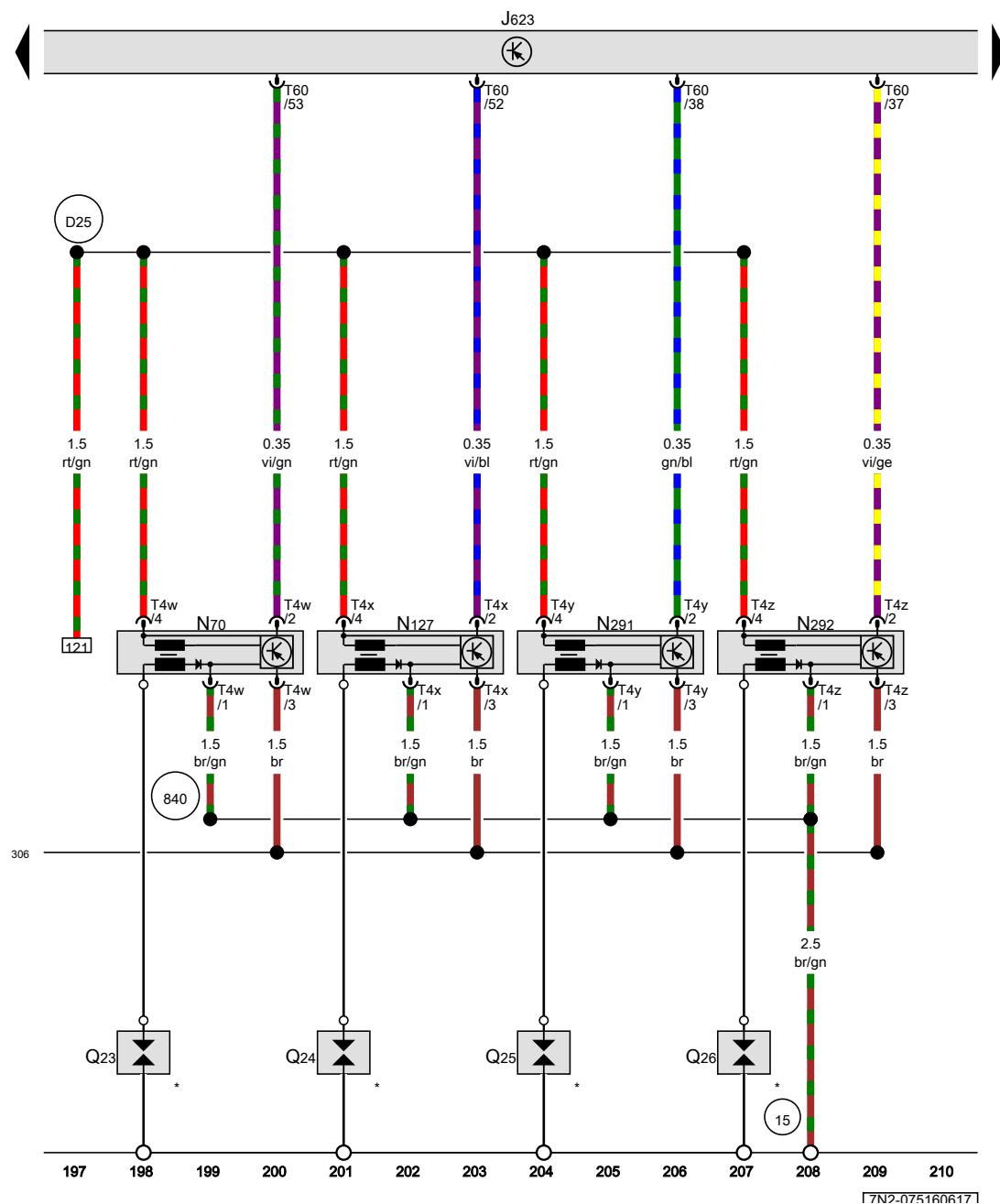


Engine/motor control unit, Activated charcoal filter solenoid valve 1, Camshaft control valve 1, Fuel pressure regulating valve, Exhaust camshaft control valve 1, Valve for oil pressure control, Charge air cooling pump

- 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
- T2cc 2-pin connector, black
- T2ci 2-pin connector, yellow
- T2ck 2-pin connector, black
- T2hm 2-pin connector, black
- T2hx 2-pin connector, black
- T3bq 3-pin connector, black
- T60 60-pin connector, black
- V188 Charge air cooling pump

306 Earth connection (ignition coils), in engine prewiring harness

D127 Connection 25 in engine compartment wiring harness

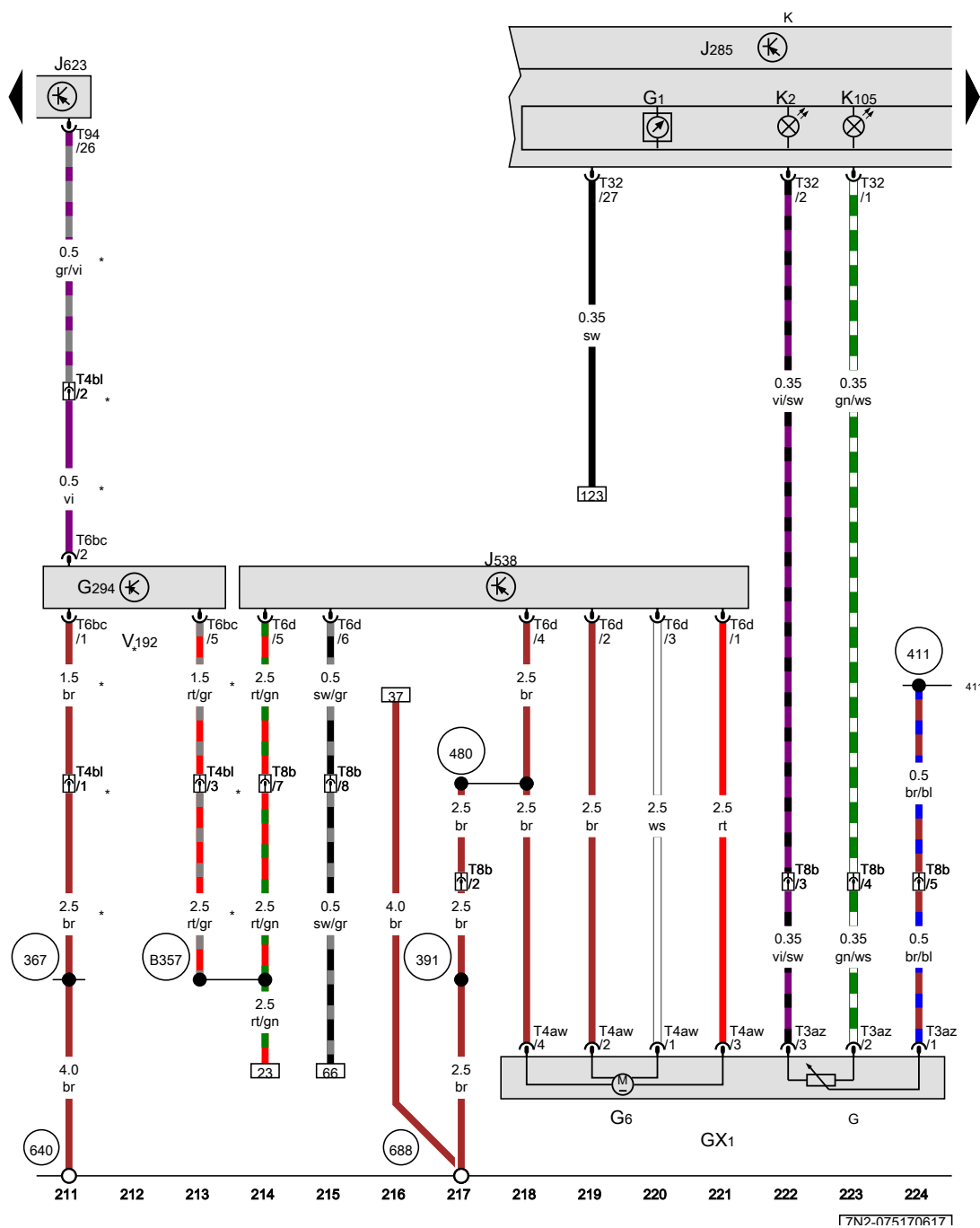


Engine/motor control unit, Ignition coil 1 with output stage, Ignition coil 2 with output stage, Ignition coil 3 with output stage, Ignition coil 4 with output stage

- 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
- Q23 Spark plug 1
- Q24 Spark plug 2
- Q25 Spark plug 3
- Q26 Spark plug 4
- T4w 4-pin connector, black
- T4x 4-pin connector, black
- T4y 4-pin connector, black
- T4z 4-pin connector, black
- T60 60-pin connector, black

- 15 Earth point, on cylinder head
- 306 Earth connection (ignition coils), in engine prewiring harness
- 840 Earth connection (engine earth), in engine prewiring harness
- D25 Positive connection (15), in engine prewiring harness
- * Earth supply via housing

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

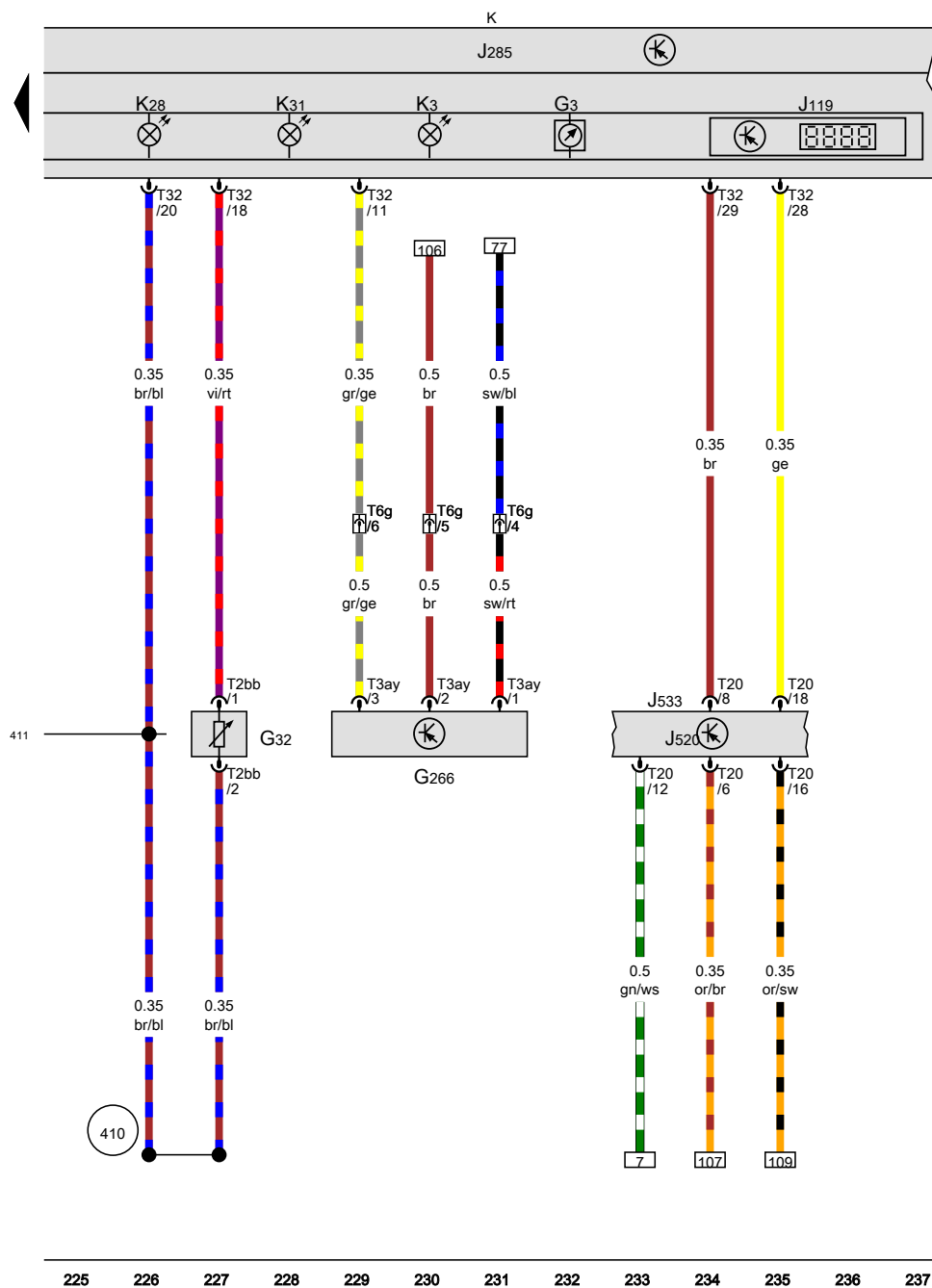


Fuel delivery unit, Brake servo pressure sensor, Control unit in dash panel insert, Fuel pump control unit, Engine/motor control unit

- G Fuel gauge sender
- G1 Fuel gauge
- GX1 Fuel delivery unit
- G6 Fuel system pressurisation pump
- G294 Brake servo pressure sensor
- J285 Control unit in dash panel insert
- J538 Fuel pump control unit
- J623 Engine/motor control unit
- K Dash panel insert
- K2 Alternator warning lamp
- K105 Reserve fuel warning lamp
- T3az 3-pin connector, black
- T4aw 4-pin connector, black
- T4bl 4-pin connector, black
- T6bc 6-pin connector, black
- T6d 6-pin connector, black
- T8b 8-pin connector, black
- T32 32-pin connector, blue
- T94 94-pin connector, black
- V192 Vacuum pump for brakes

- 367 Earth connection 2, in main wiring harness
- 391 Earth connection 26, in main wiring harness
- 411 Earth connection 2 (sender earth) in main wiring harness
- 480 Earth connection, in fuel tank wiring harness
- 640 Earth point 2, left in engine compartment
- 688 Earth point 2, on centre tunnel
- B357 Positive connection 8 (87a) in main wiring harness
- * For models with equipment for Japan

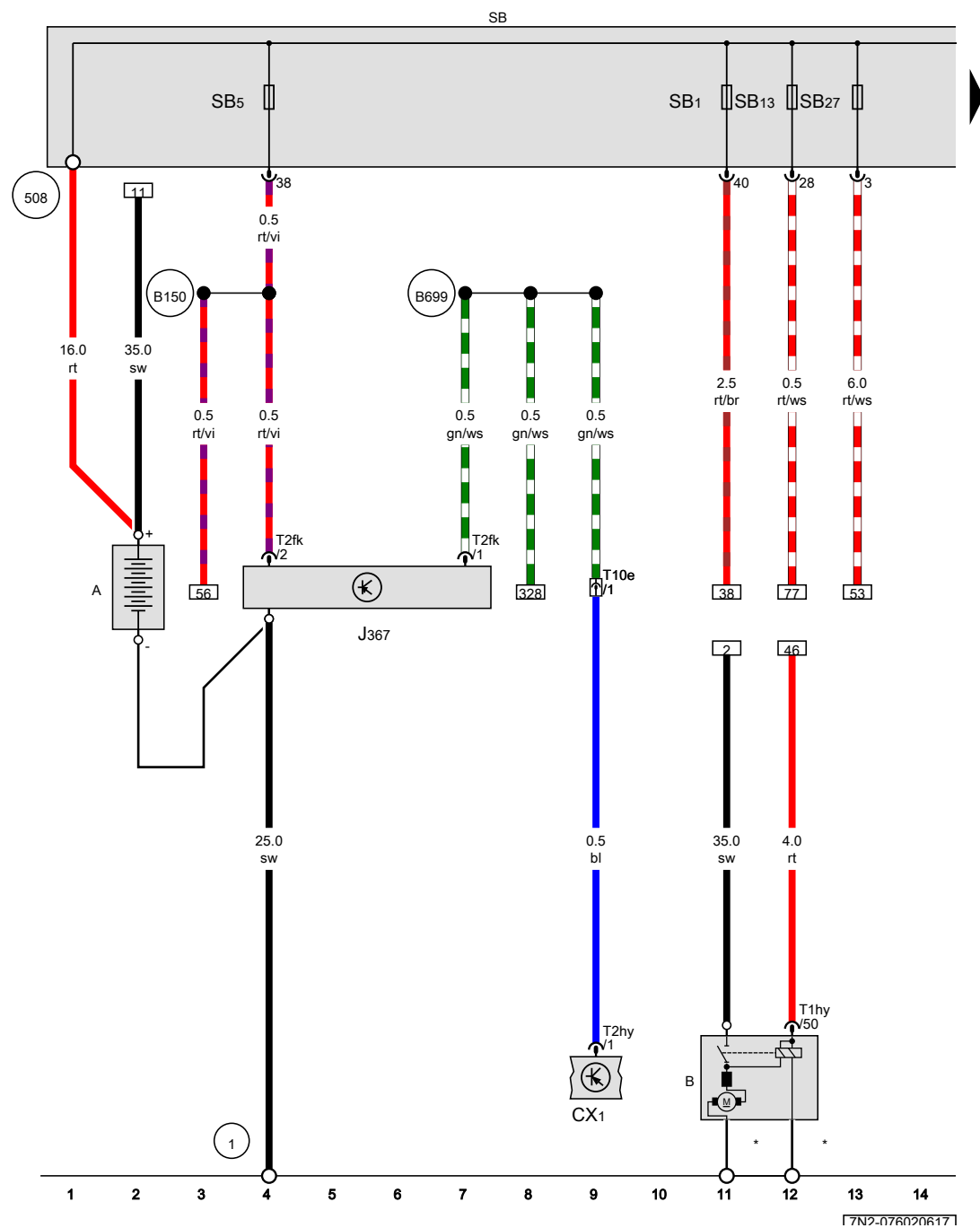
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



[7N2-075180617]

2.0l petrol engine , DEDA

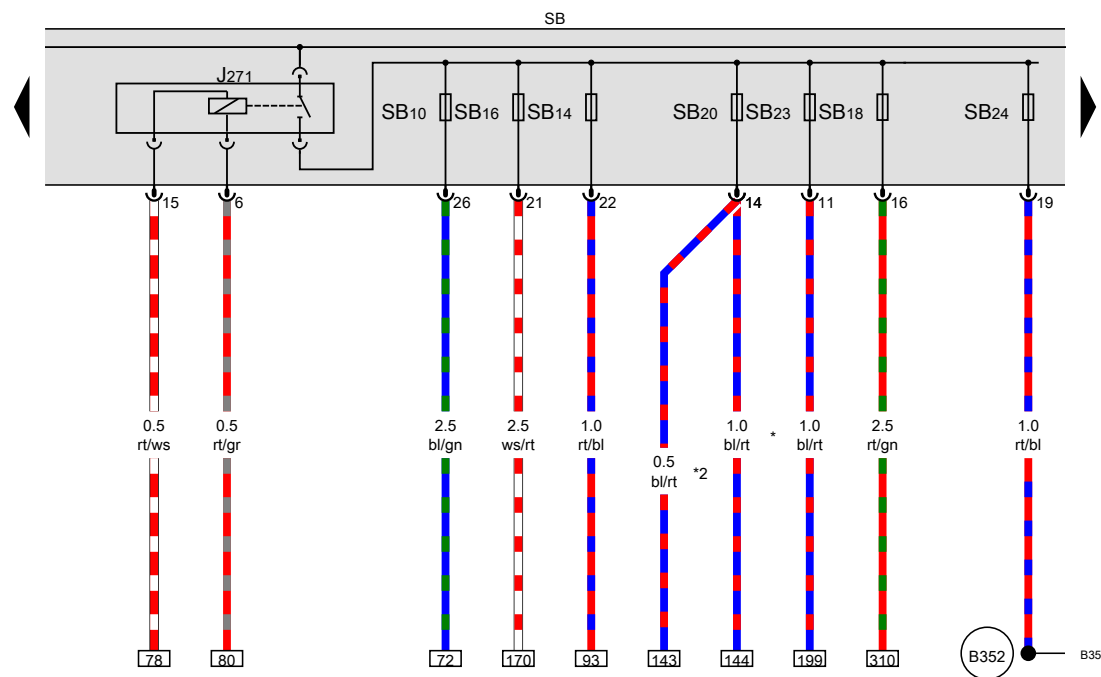
From May 2015



Battery, Starter, Alternator with voltage regulator, Battery monitor control unit, Fuse holder B

- A Battery
- B Starter
- CX1 Alternator with voltage regulator
- J367 Battery monitor control unit, on earth cable battery clamp
- SB Fuse holder B
- SB1 Fuse 1 on fuse holder B
- SB5 Fuse 5 on fuse holder B
- SB13 Fuse 13 on fuse holder B
- SB27 Fuse 27 on fuse holder B
- T1hy 1-pin connector, black
- T2fk 2-pin connector, yellow
- T2hy 2-pin connector, black
- T10e 10-pin connector, black
- 1 Earth strap, battery - body
- 508 Threaded connection (30) on E-box
- B150 Positive connection 2 (30a), in interior wiring harness
- B699 Connection 4 (LIN bus) in main 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



Main relay, Fuse holder B

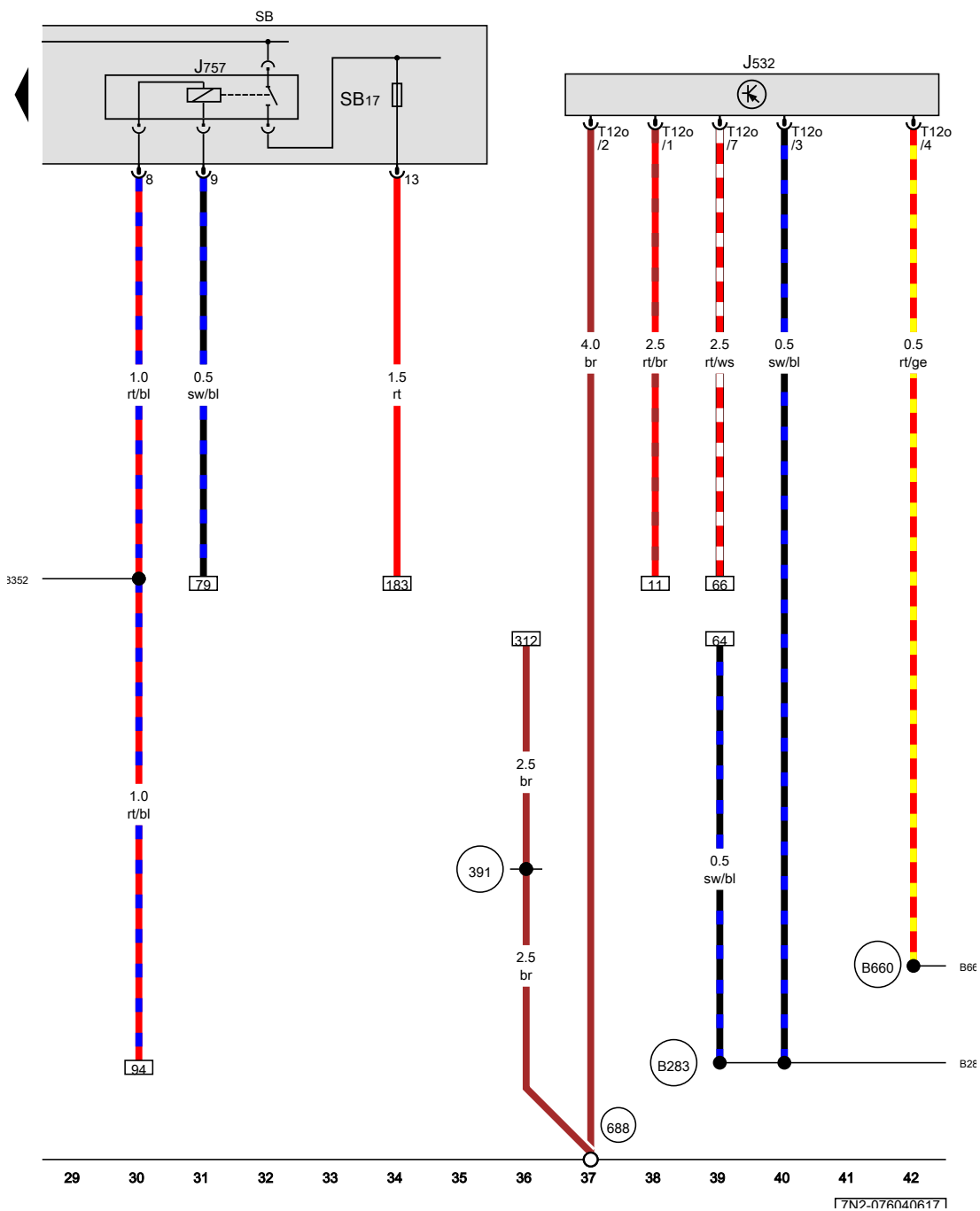
- J271 Main relay
- SB Fuse holder B
- SB10 Fuse 10 on fuse holder B
- SB14 Fuse 14 on fuse holder B
- SB16 Fuse 16 on fuse holder B
- SB18 Fuse 18 on fuse holder B
- SB20 Fuse 20 on fuse holder B
- SB23 Fuse 23 on fuse holder B
- SB24 Fuse 24 on fuse holder B

B352 Positive connection 3 (87a) in main wiring harness

* Up to May 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
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 rs = pink



Voltage stabiliser, Engine component current supply relay, Fuse holder B

J532 Voltage stabiliser
J757 Engine component current supply relay
SB Fuse holder B
SB17 Fuse 17 on fuse holder B
T12o 12-pin connector, red

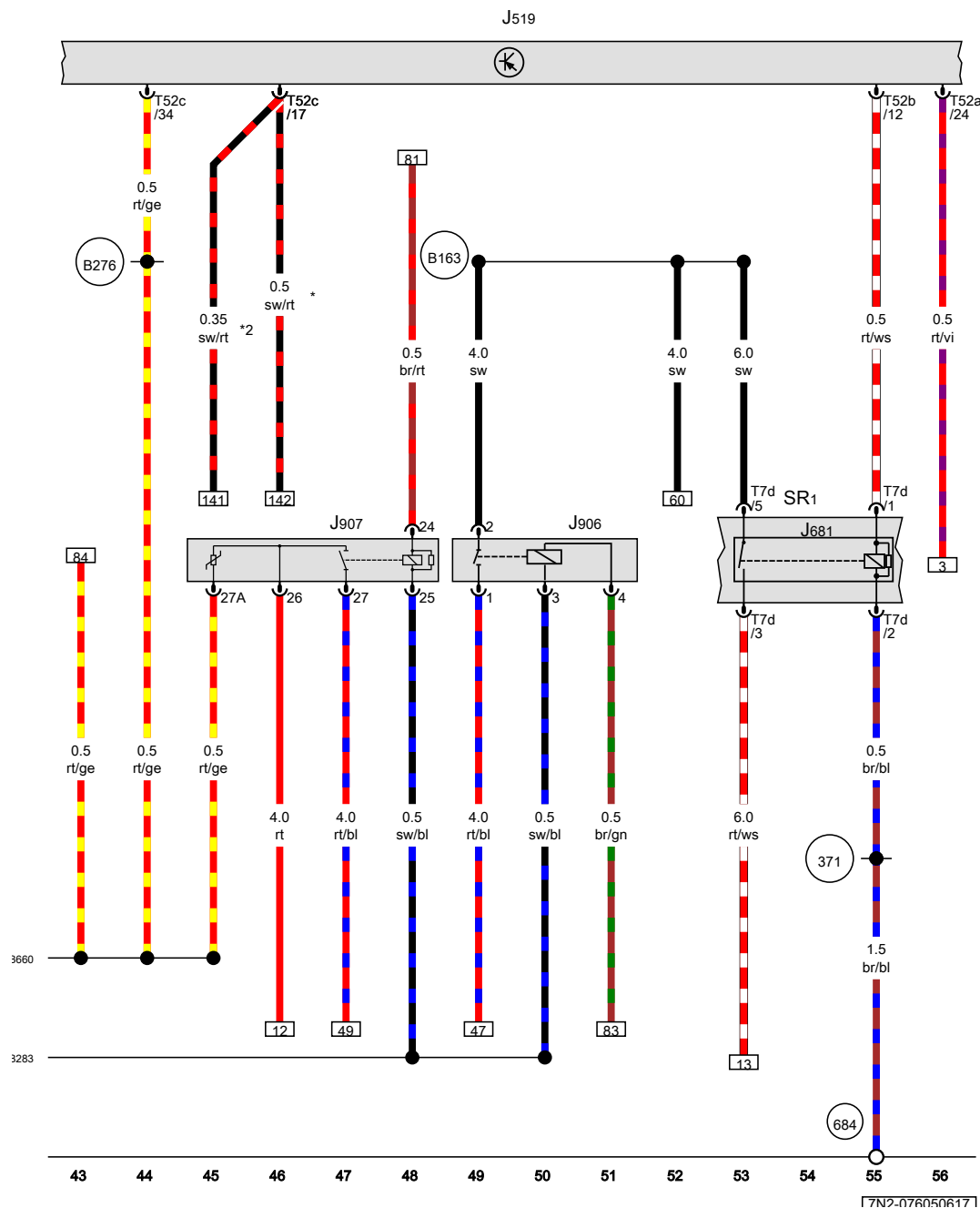
391 Earth connection 26, in main wiring harness

688 Earth point 2, on centre tunnel

B283 Positive connection 7 (15a) in main wiring harness

B352 Positive connection 3 (87a) in main wiring harness

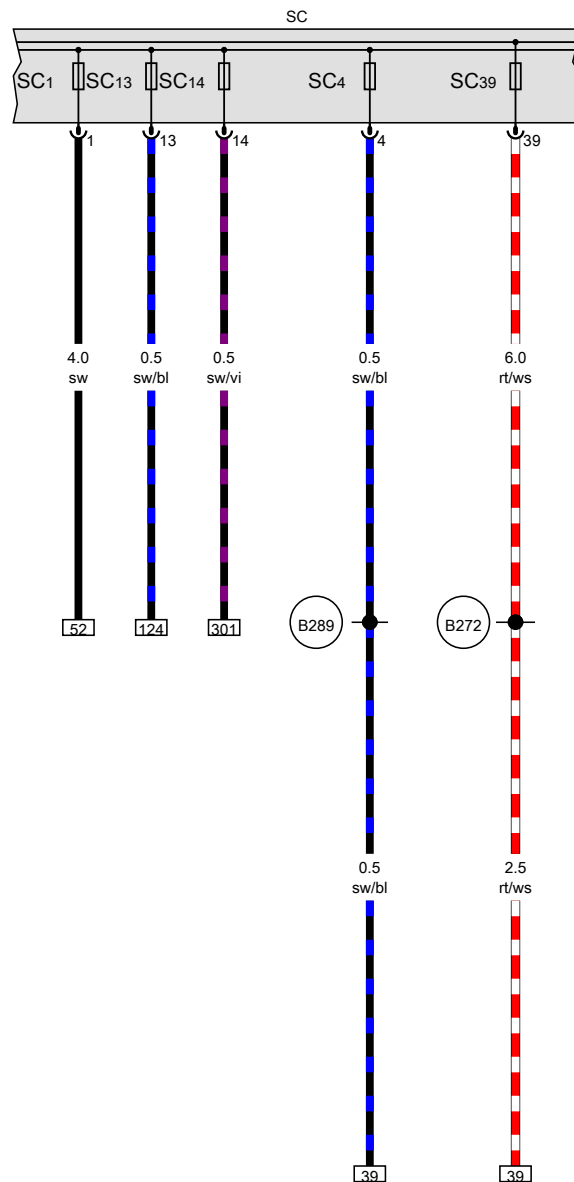
B660 Connection (diagnosis terminal 50), in main wiring harness



Onboard supply control unit, Terminal 15 voltage supply relay 2, Starter relay 1, Starter relay 2, Relay and fuse carrier 1

- J519 Onboard supply control unit
- J681 Terminal 15 voltage supply relay 2
- J906 Starter relay 1
- J907 Starter relay 2
- SR1 Relay and fuse carrier 1
- T7d 7-pin connector, black
- T52a 52-pin connector, black
- T52b 52-pin connector, colourless
- T52c 52-pin connector, brown
- 371 Earth connection 6, in main wiring harness
- 684 Earth point on front of left side member
- B163 Positive connection 1 (15), in interior wiring harness
- B276 Positive connection (50), in main wiring harness
- B283 Positive connection 7 (15a) in main wiring harness
- B660 Connection (diagnosis terminal 50), in main wiring harness
- * Up to May 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



Fuse holder C

- SC Fuse holder C
- SC1 Fuse 1 on fuse holder C
- SC4 Fuse 4 on fuse holder C
- SC13 Fuse 13 on fuse holder C
- SC14 Fuse 14 on fuse holder C
- SC39 Fuse 39 on fuse holder C

B272 Positive connection (30), in main wiring harness

B289 Positive connection 13 (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

57 58 59 60 61 62 63 64 65 66 67 68 69 70

[7N2-076060617]

Engine/motor control unit

J623 Engine/motor control unit

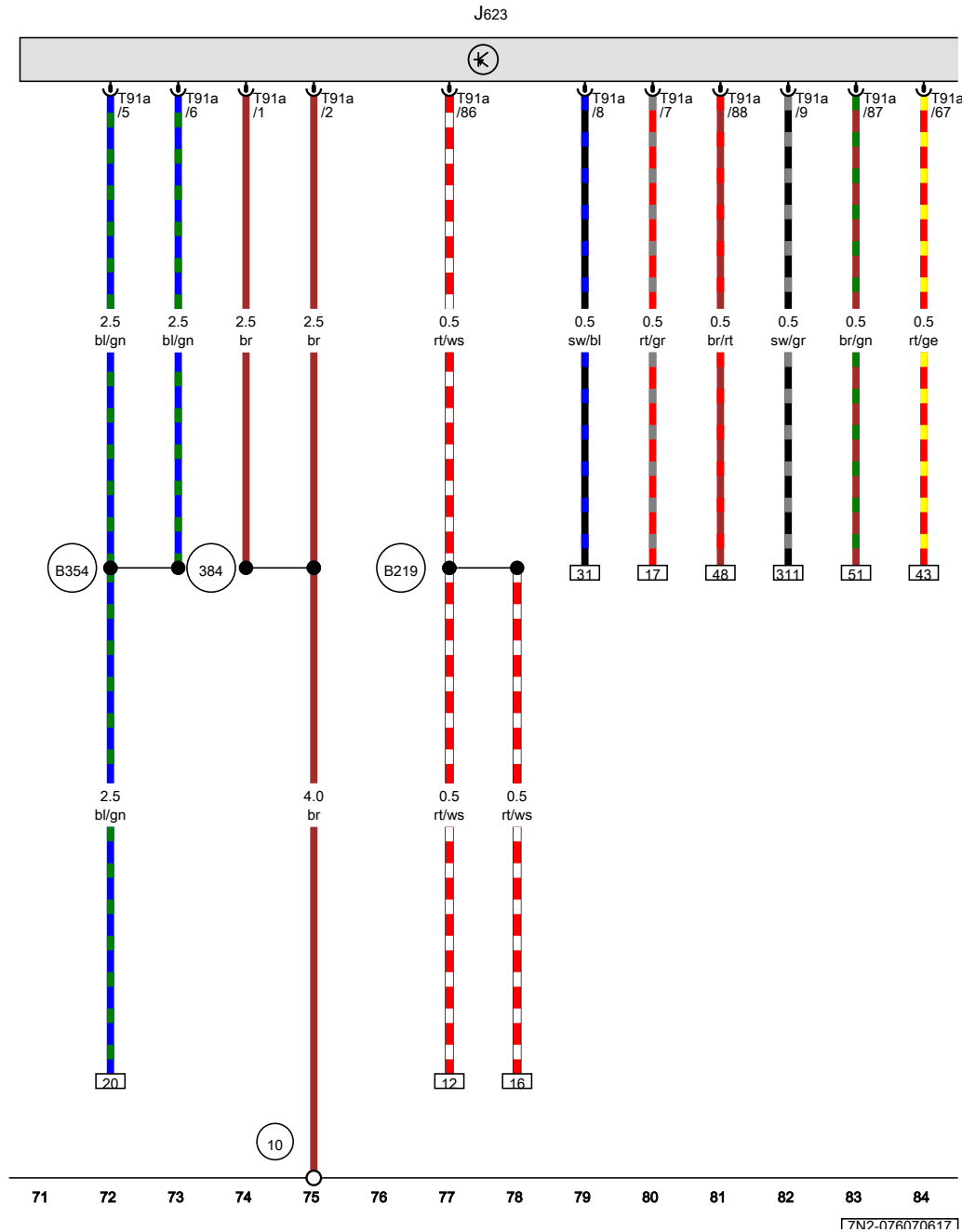
T91a 91-pin connector, black

10 Earth point, in plenum chamber

384 Earth connection 19, in main wiring harness

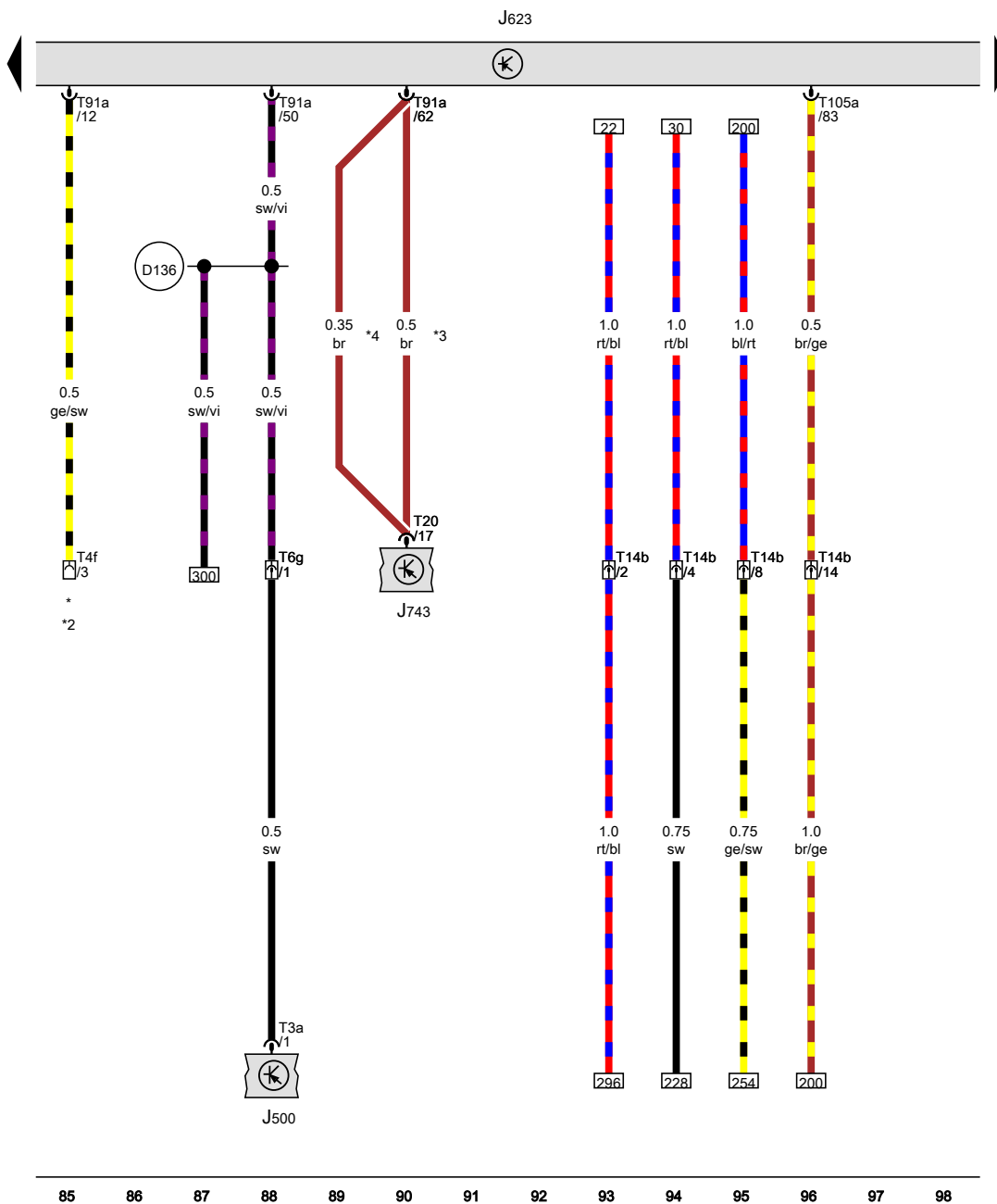
B219 Positive connection 4 (30a), in interior wiring harness

B354 Positive connection 5 (87a) 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

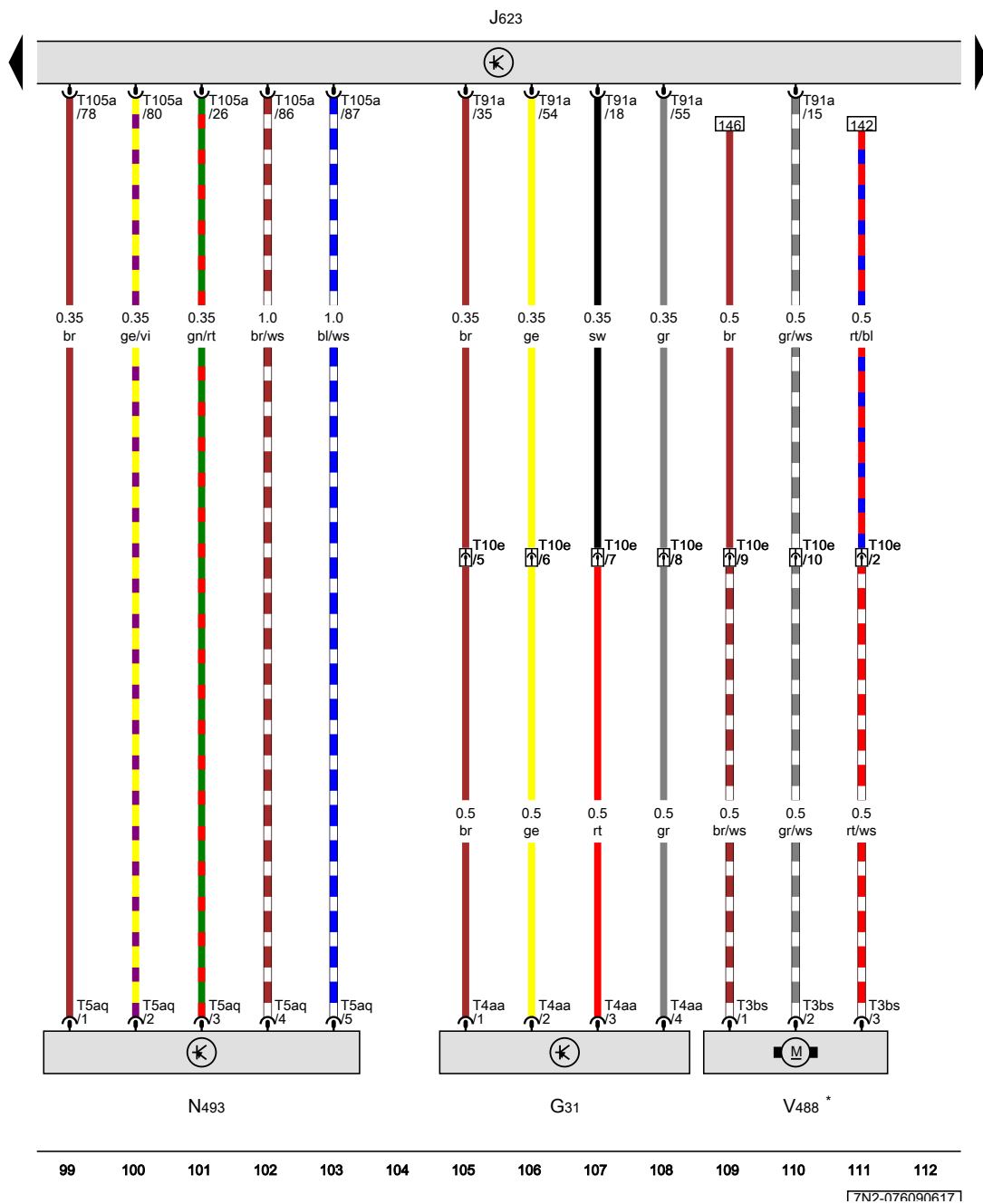
[7N2-076070617]



**Power steering control unit, Engine/motor control unit,
Mechatronic unit for dual clutch gearbox**

- J500 Power steering control unit
- J623 Engine/motor control unit
- J743 Mechatronic unit for dual clutch gearbox
- T3a 3-pin connector, black
- T4f 4-pin connector, black
- T6g 6-pin connector, black
- T14b 14-pin connector, grey
- T20 20-pin connector, black
- T91a 91-pin connector, black
- T105a 105-pin connector, black
- D136 Positive connection 2 (15a), in engine compartment wiring harness
- * Radiator fan connection
- *2 see applicable current flow diagram for radiator fan
- *3 Up to May 2017
- *4 From May 2017

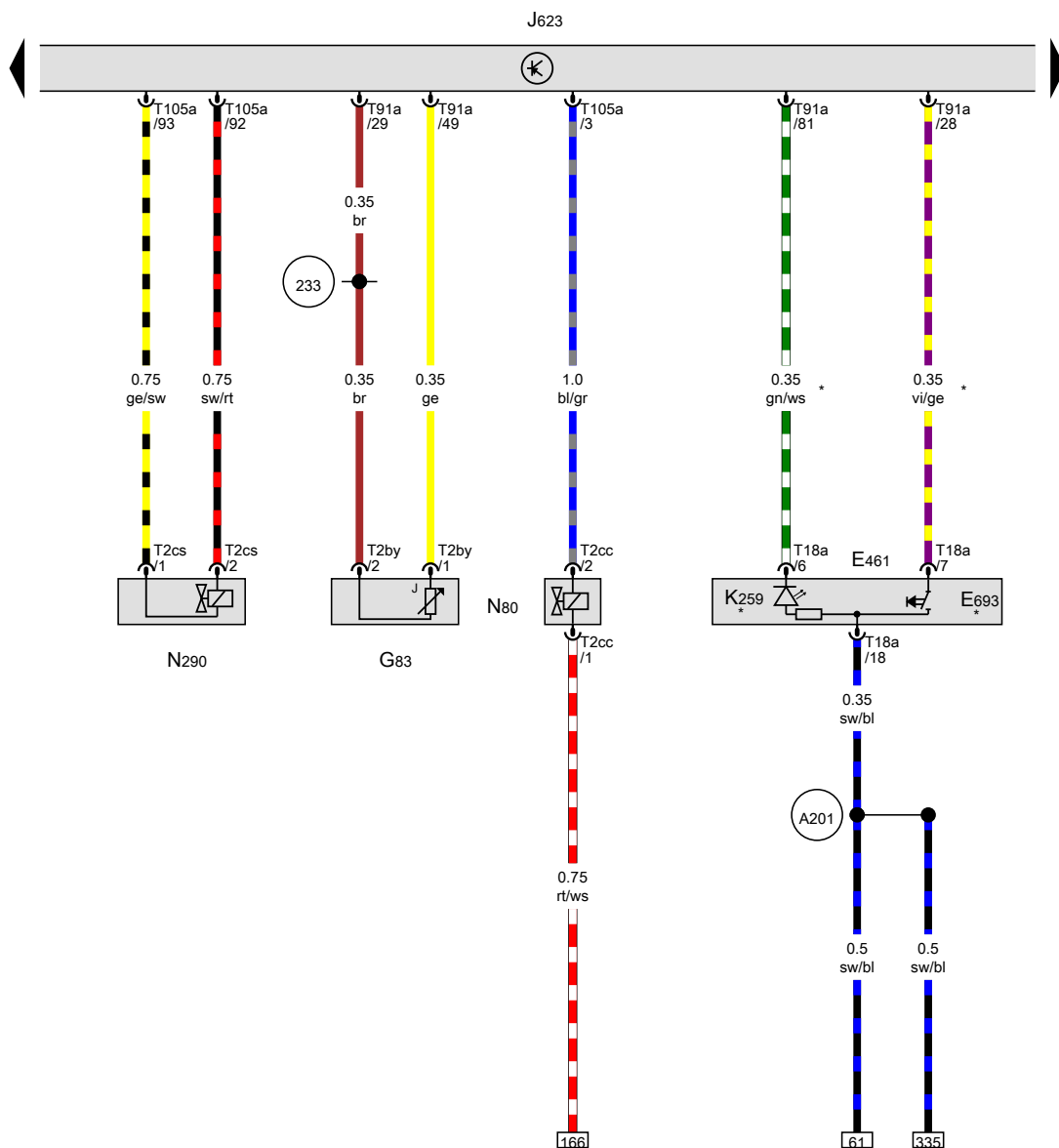
ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink



Charge pressure sender, Engine/motor control unit, Actuator for engine temperature regulation, Auxiliary pump for heating

- G31 Charge pressure sender
- J623 Engine/motor control unit
- N493 Actuator for engine temperature regulation
- T3bs 3-pin connector, black
- T4aa 4-pin connector, black
- T5aq 5-pin connector, black
- T10e 10-pin connector, black
- T91a 91-pin connector, black
- T105a 105-pin connector, black
- V488 Auxiliary pump for heating
- * For countries with hot climate

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



Operating unit in front of centre console, Start/Stop operation button, Radiator outlet coolant temperature sender, Engine/motor control unit, Activated charcoal filter solenoid valve 1, Fuel metering valve

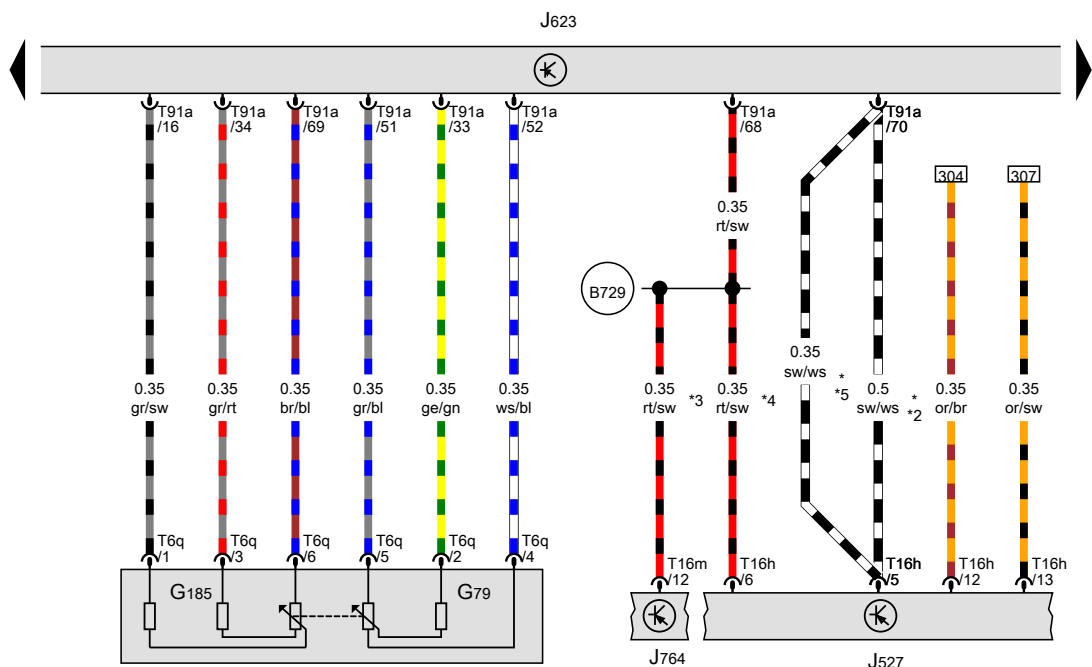
- E461 Operating unit in front of centre console, in centre console
- E693 Start/Stop operation button
- G83 Radiator outlet coolant temperature sender
- J623 Engine/motor control unit
- K259 Start/Stop operation warning lamp
- N80 Activated charcoal filter solenoid valve 1
- N290 Fuel metering valve
- T2by 2-pin connector, black
- T2cc 2-pin connector, black
- T2cs 2-pin connector, black
- T18a 18-pin connector, colourless
- T91a 91-pin connector, black
- T105a 105-pin connector, black

233 Earth connection (sender earth) in Climatronic/radiator fan wiring harness

A201 Positive connection 6 (15a) in dash panel 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



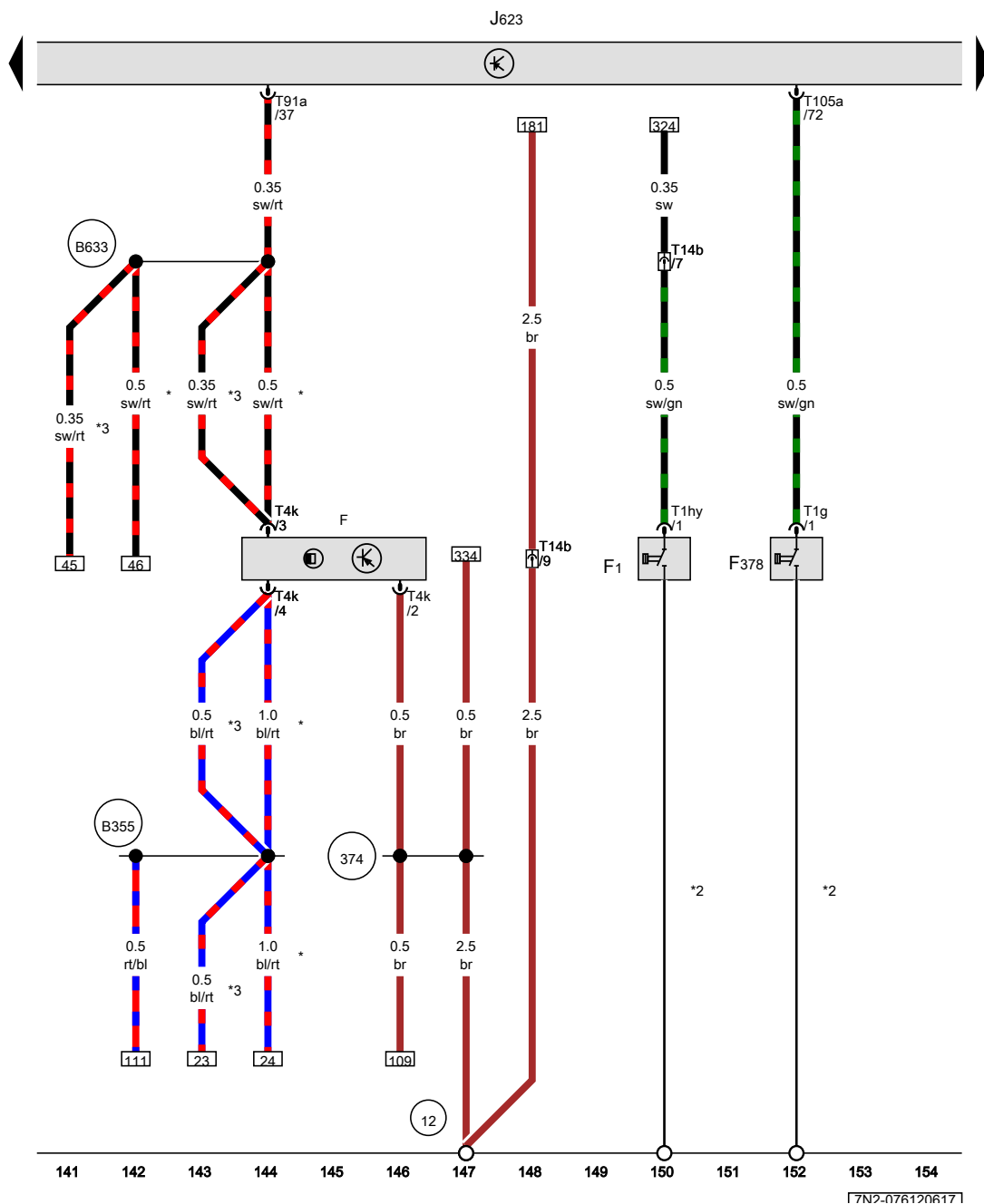
Accelerator pedal module, Steering column electronics control unit, Engine/motor control unit, Control unit for electronic steering column lock

- GX2 Accelerator pedal module
- 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
- T6q 6-pin connector, black
- T16h 16-pin connector, black
- T16m 16-pin connector, black
- T91a 91-pin connector, black

B729 Connection 1 (50), in main wiring harness

- * For models with cruise control system (CCS)
- *2 Up to May 2017
- *3 For models with entry and start authorisation
- *4 For models with no entry and start authorisation
- *5 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

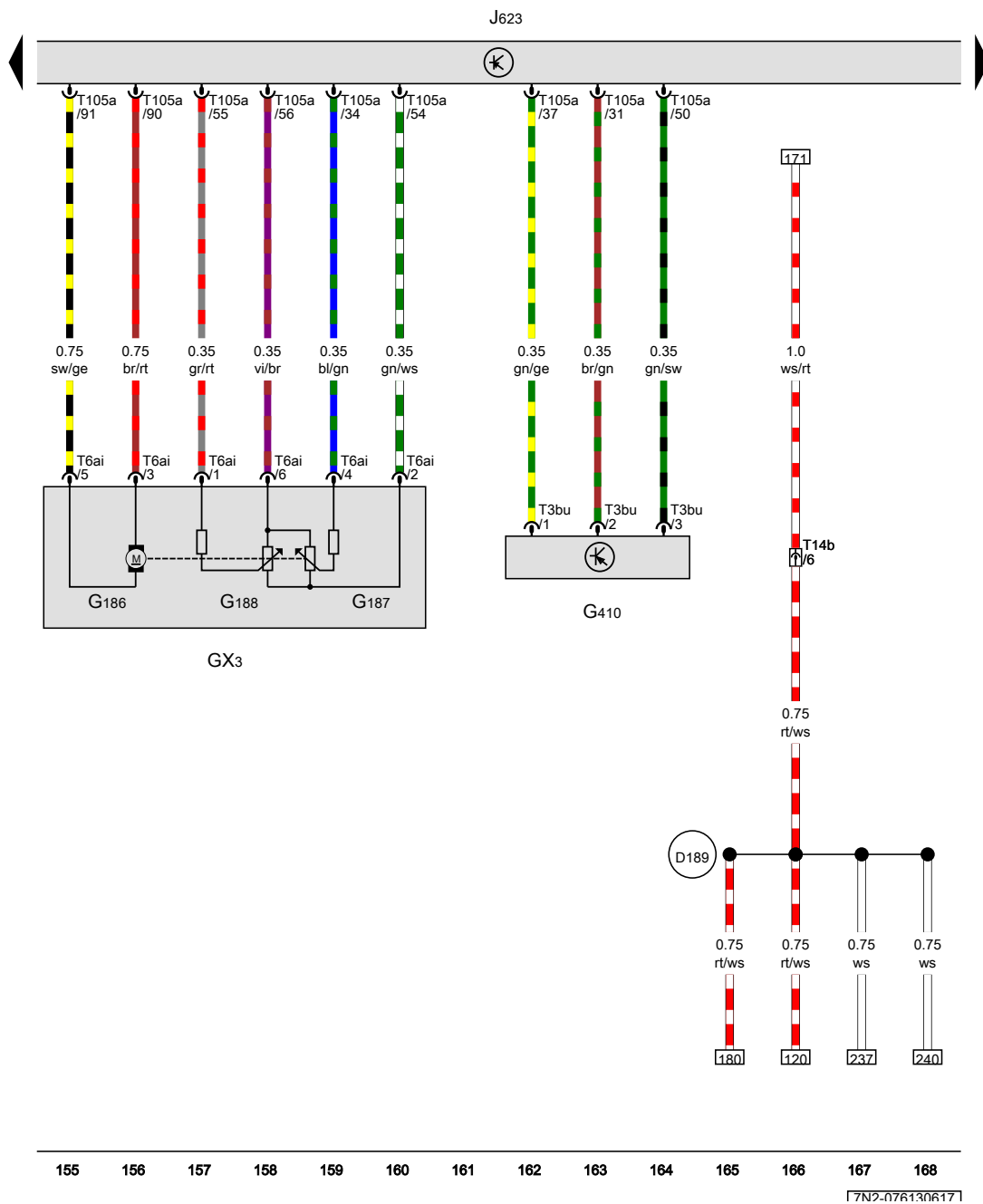


Brake light switch, Oil pressure switch, Oil pressure switch for reduced oil pressure, Engine/motor control unit

- F Brake light switch
- F1 Oil pressure switch
- F378 Oil pressure switch for reduced oil pressure
- J623 Engine/motor control unit
- T1g 1-pin connector, black
- T1hy 1-pin connector, black
- T2ho 2-pin connector, black
- T2ke 2-pin connector, black
- T4k 4-pin connector, black
- T14b 14-pin connector, grey
- T91a 91-pin connector, black
- T105a 105-pin connector, black

- 12 Earth point, on left in engine compartment
- 374 Earth connection 9, in main wiring harness
- B355 Positive connection 6 (87a) in main wiring harness
- B633 Connection (brake pedal switch), in main wiring harness
- * Up to May 2017
- *2 Earth supply via housing
- *3 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

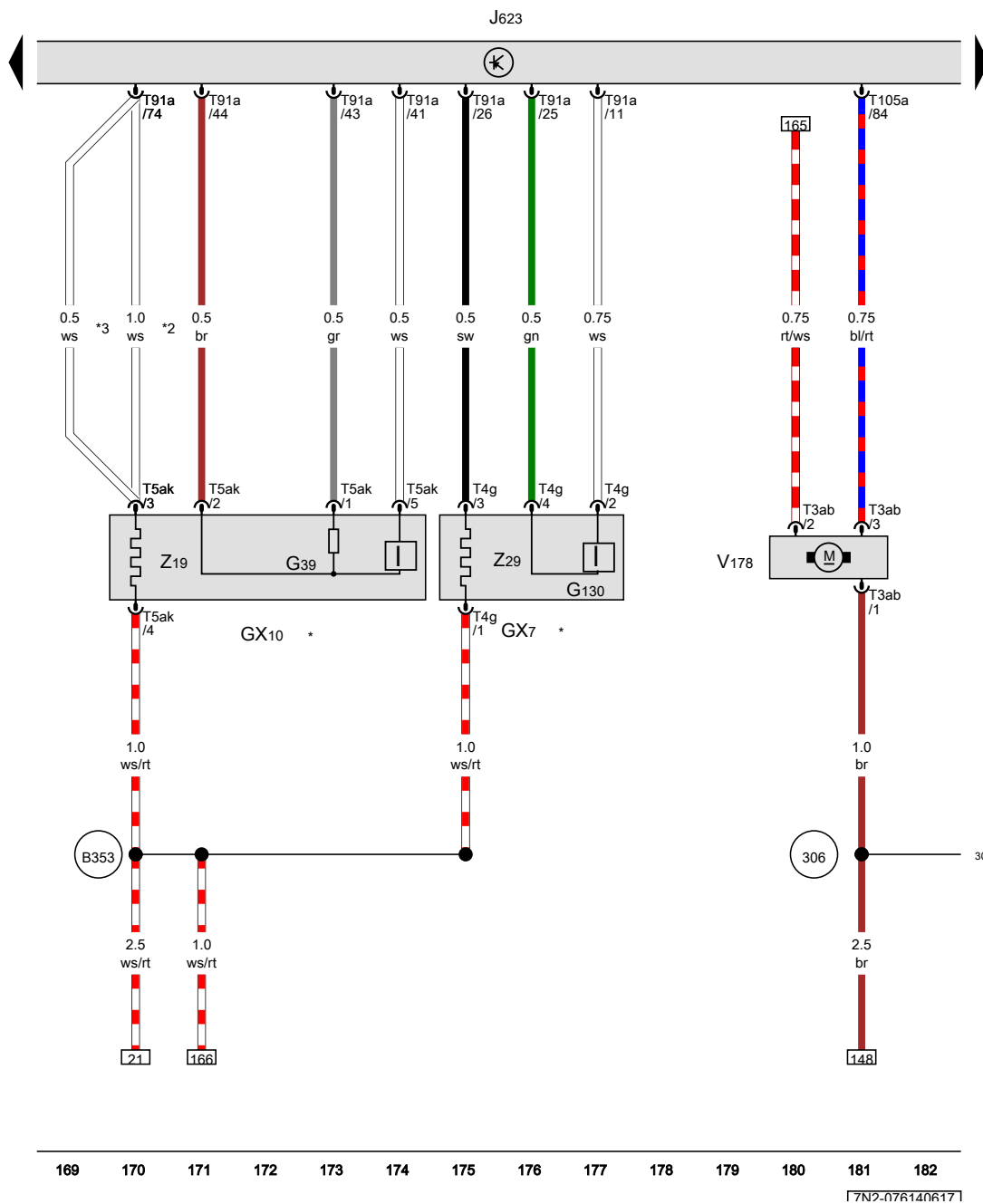


Throttle valve module, Fuel pressure sender for low pressure, Engine/motor control unit

- 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
- G410 Fuel pressure sender for low pressure
- J623 Engine/motor control unit
- T3bu 3-pin connector, black
- T6ai 6-pin connector, black
- T14b 14-pin connector, black
- T105a 105-pin connector, black

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



Lambda probe 1 after catalytic converter, Lambda probe 1 before catalytic converter, Lambda probe, Engine/motor control unit, Coolant circulation pump 2

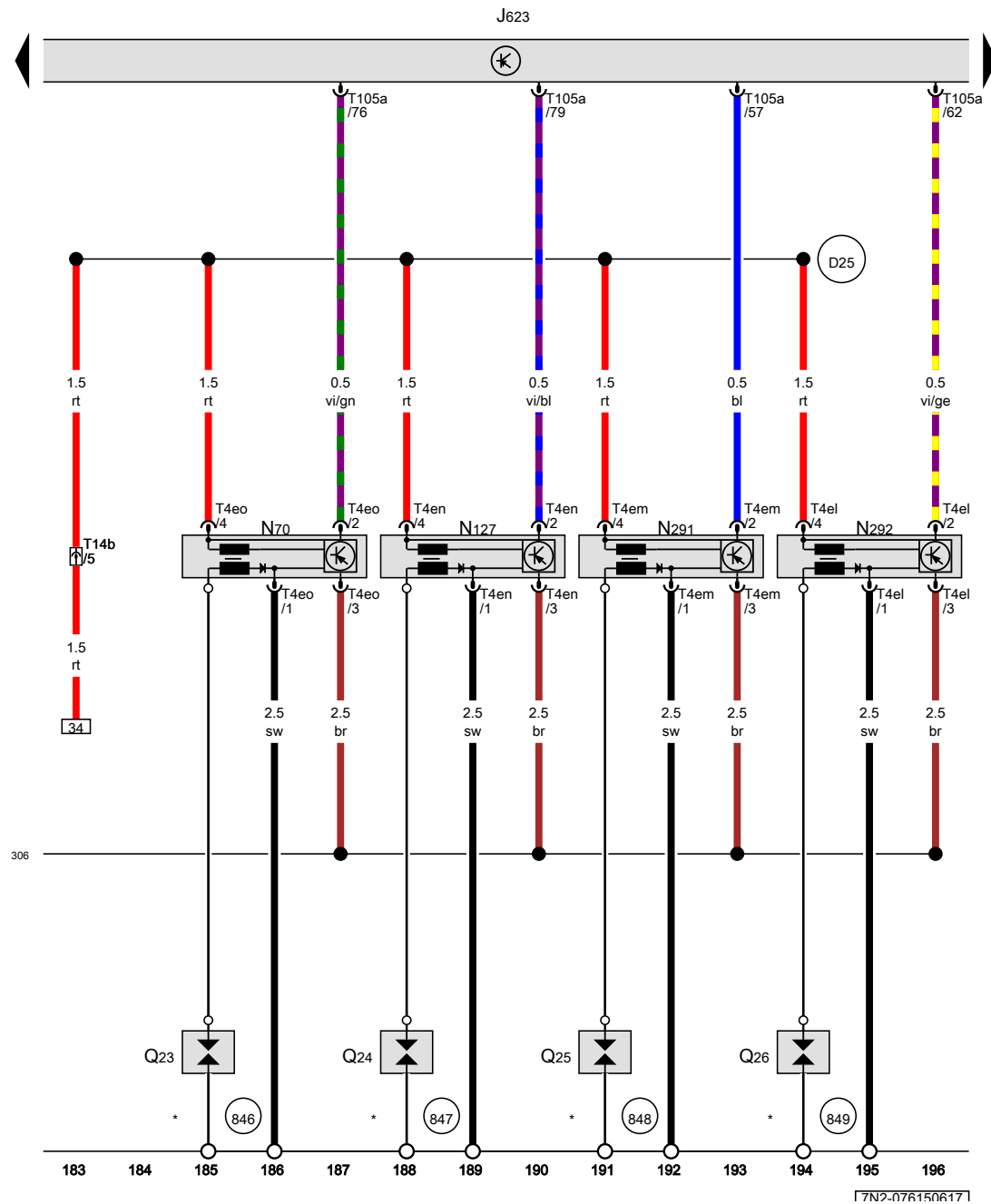
- GX7 Lambda probe 1 after catalytic converter
- GX10 Lambda probe 1 before catalytic converter
- G39 Lambda probe
- G130 Lambda probe after catalytic converter
- J623 Engine/motor control unit
- T3ab 3-pin connector, black
- T4g 4-pin connector, black
- T5ak 5-pin connector, brown
- T91a 91-pin connector, black
- T105a 105-pin connector, black
- V178 Coolant circulation pump 2
- Z19 Lambda probe heater
- Z29 Lambda probe heater
- Z21 Lambda probe 1 heater after catalytic converter

306 Earth connection (ignition coils), in engine prewiring harness

B353 Positive connection 4 (87a) in main wiring harness

- * Pre-wired component
- *2 Up to May 2017
- *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

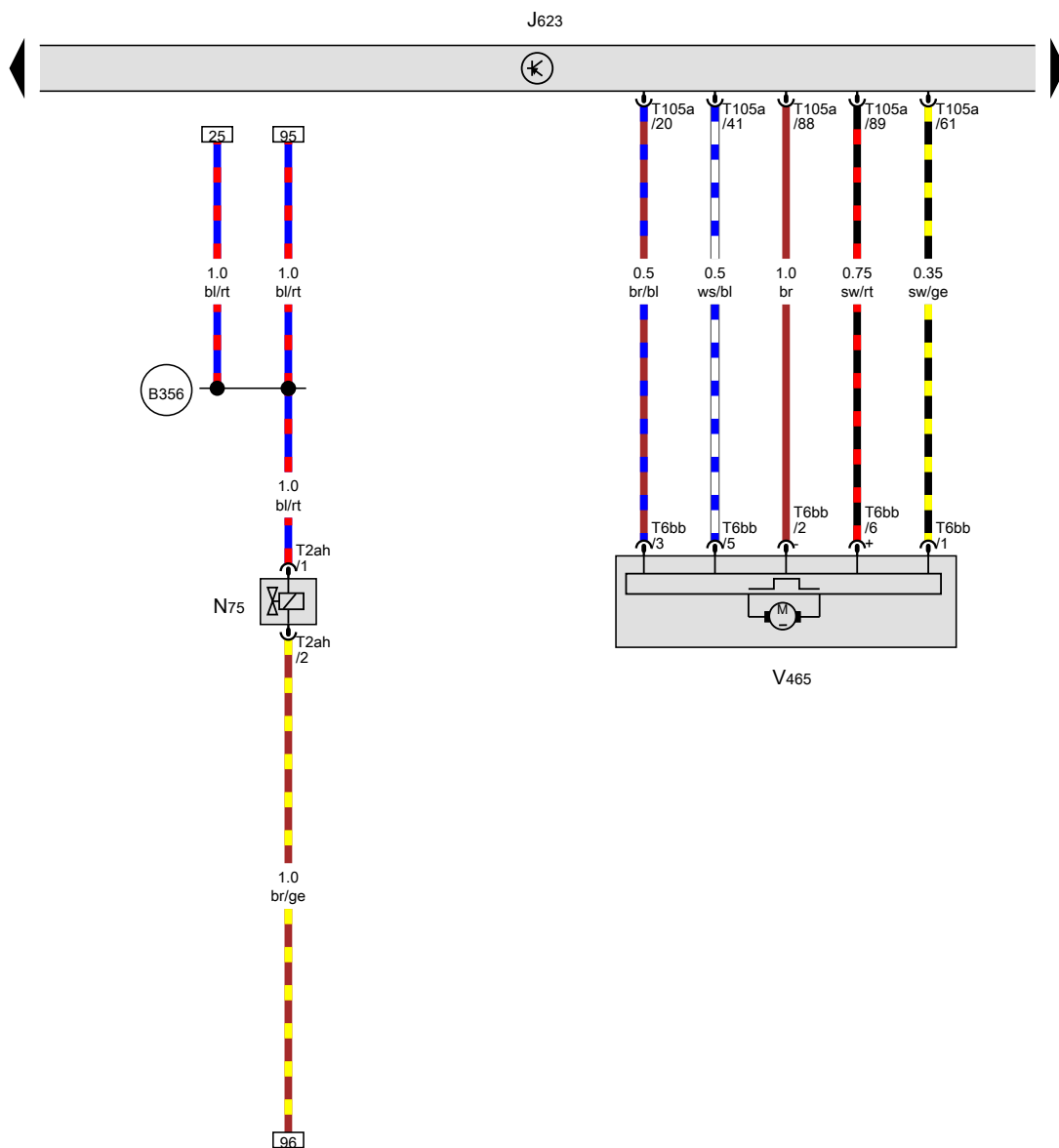


Engine/motor control unit, Ignition coil 1 with output stage, Ignition coil 2 with output stage, Ignition coil 3 with output stage, Ignition coil 4 with output stage

- 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
- Q23 Spark plug 1
- Q24 Spark plug 2
- Q25 Spark plug 3
- Q26 Spark plug 4
- T4el 4-pin connector, black
- T4em 4-pin connector, black
- T4en 4-pin connector, black
- T4eo 4-pin connector, black
- T14b 14-pin connector, grey
- T105a 105-pin connector, black

- 306 Earth connection (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
- D25 Positive connection (15), in engine prewiring harness
- * Earth supply via housing

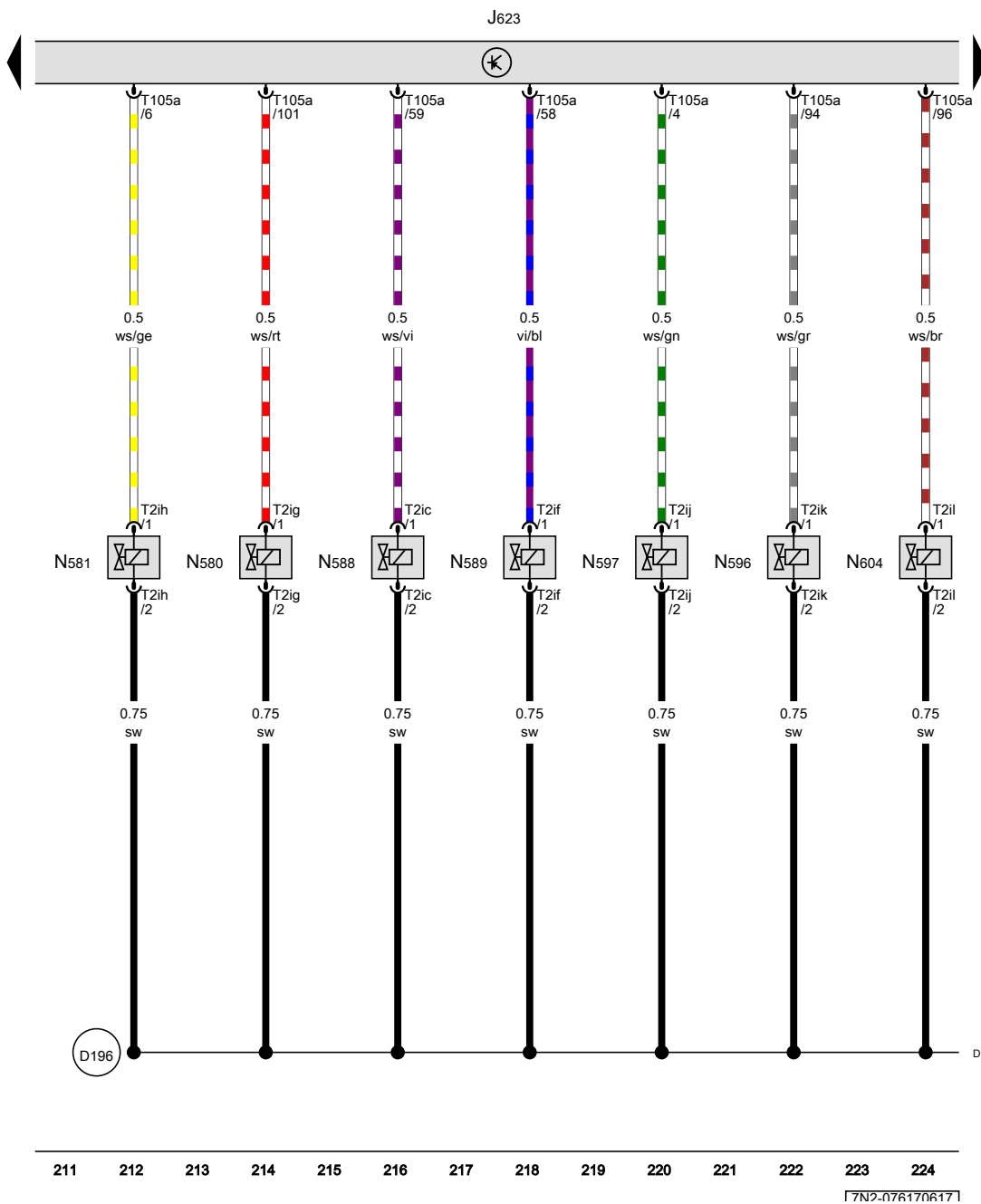
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Engine/motor control unit, Charge pressure control solenoid valve, Charge pressure positioner

- J623 Engine/motor control unit
- N75 Charge pressure control solenoid valve
- T2ah 2-pin connector, black
- T6bb 6-pin connector, grey
- T105a 105-pin connector, black
- V465 Charge pressure positioner
- B356 Positive connection 7 (87a) in main wiring harness

ws = white
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 or = orange
 rs = pink

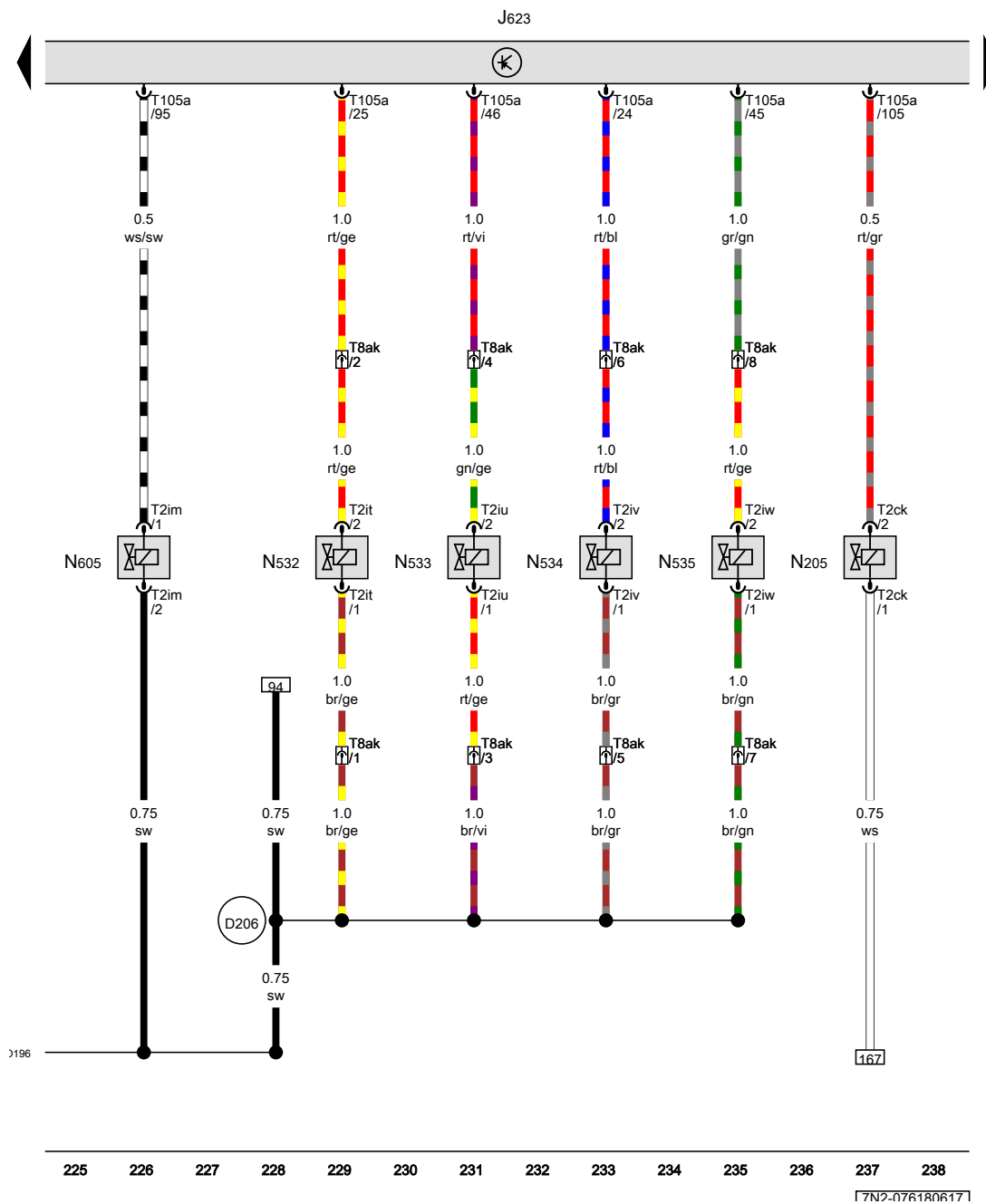


Engine/motor control unit, Exhaust cam actuator A for cylinder 1, Exhaust cam actuator B for cylinder 1, Exhaust cam actuator A for cylinder 2, Exhaust cam actuator B for cylinder 2, Exhaust cam actuator A for cylinder 3, Exhaust cam actuator B for cylinder 3, Exhaust cam actuator A for cylinder 4

- J623 Engine/motor control unit
- N580 Exhaust cam actuator A for cylinder 1
- N581 Exhaust cam actuator B for cylinder 1
- N588 Exhaust cam actuator A for cylinder 2
- N589 Exhaust cam actuator B for cylinder 2
- N596 Exhaust cam actuator A for cylinder 3
- N597 Exhaust cam actuator B for cylinder 3
- N604 Exhaust cam actuator A for cylinder 4
- T2ic 2-pin connector, black
- T2if 2-pin connector, black
- T2ig 2-pin connector, black
- T2ih 2-pin connector, black
- T2ij 2-pin connector, black
- T2ik 2-pin connector, black
- T2il 2-pin connector, black
- T105a 105-pin connector, black

D196 Connection 2 (87a) in engine prewiring harness

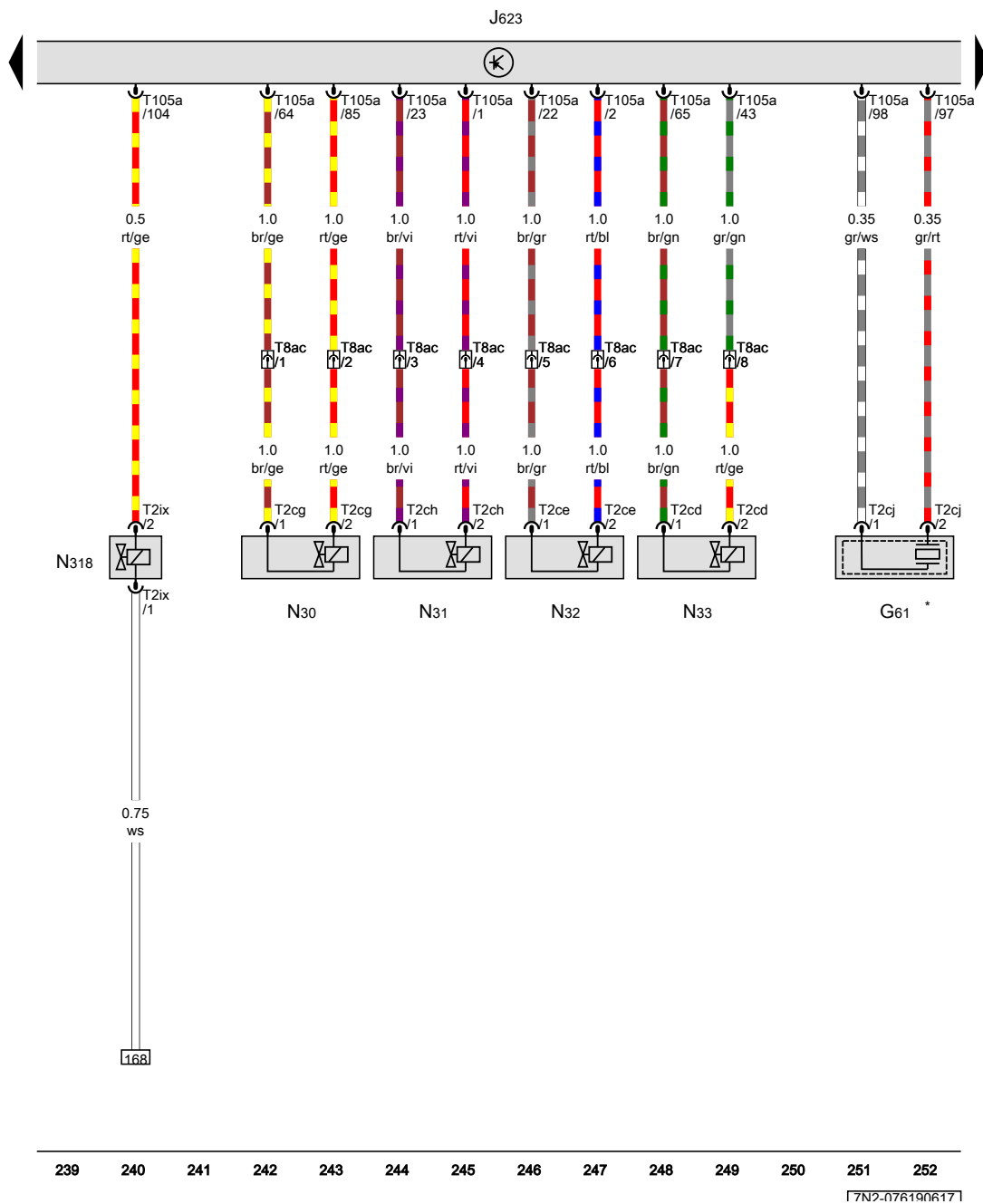
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- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
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- vi = purple
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- or = orange
- rs = pink



Engine/motor control unit, Camshaft control valve 1, Injector 2, cylinder 1, Injector 2, cylinder 2, Injector 2, cylinder 3, Injector 2, cylinder 4, Exhaust cam actuator B for cylinder 4

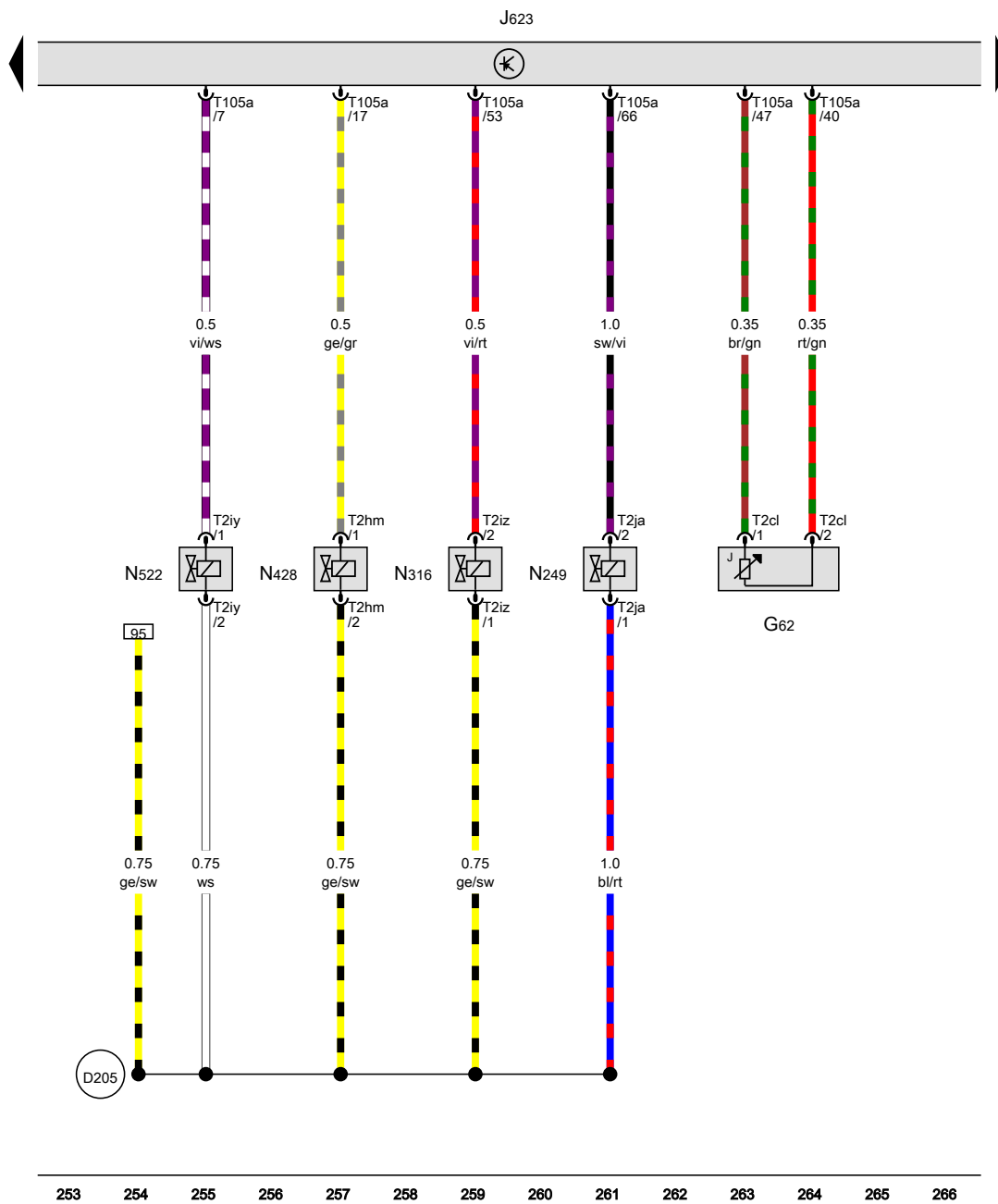
- J623 Engine/motor control unit
- N205 Camshaft control valve 1
- N532 Injector 2, cylinder 1
- N533 Injector 2, cylinder 2
- N534 Injector 2, cylinder 3
- N535 Injector 2, cylinder 4
- N605 Exhaust cam actuator B for cylinder 4
- T2ck 2-pin connector, black
- T2im 2-pin connector, black
- T2it 2-pin connector, black
- T2iu 2-pin connector, black
- T2iv 2-pin connector, black
- T2iw 2-pin connector, black
- T8ak 8-pin connector, on engine, black
- T105a 105-pin connector, black
- D196 Connection 2 (87a) in engine prewiring harness
- 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
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 rs = pink



Knock sensor 1, Engine/motor control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4, Exhaust camshaft control valve 1

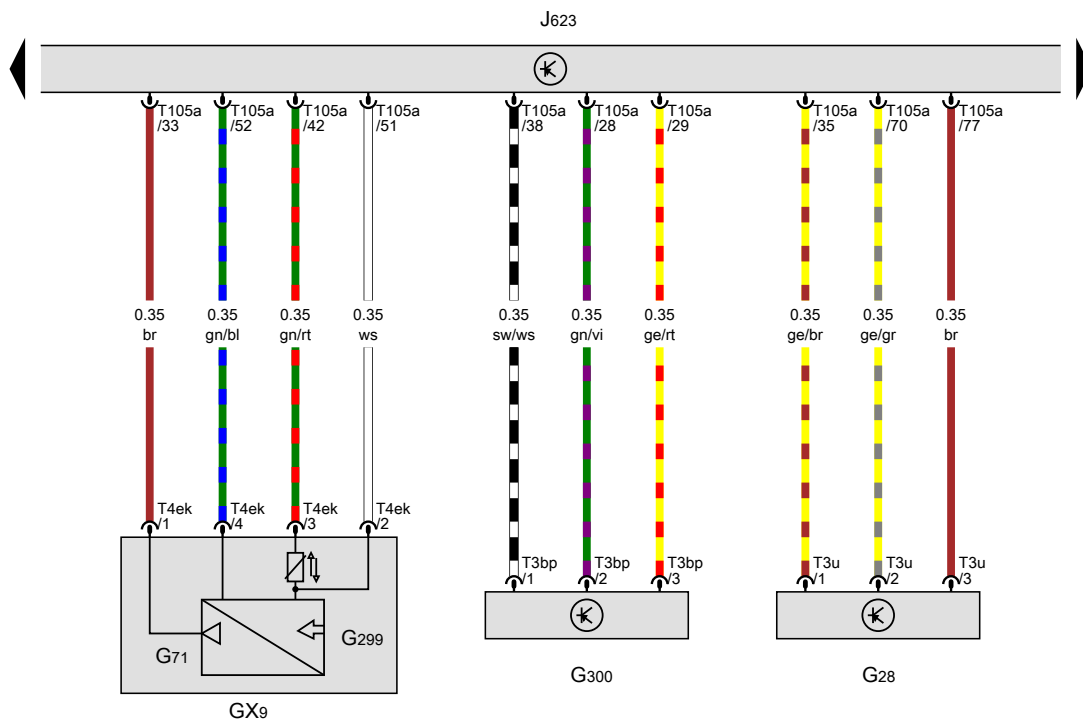
- G61 Knock sensor 1
- J623 Engine/motor control unit
- N30 Injector, cylinder 1
- N31 Injector, cylinder 2
- N32 Injector, cylinder 3
- N33 Injector, cylinder 4
- N318 Exhaust camshaft control valve 1
- T2cd 2-pin connector, black
- T2ce 2-pin connector, black
- T2cg 2-pin connector, black
- T2ch 2-pin connector, black
- T2cj 2-pin connector, black
- T2ix 2-pin connector, black
- T8ac 8-pin connector, on engine, black
- T105a 105-pin connector, black
- * Pre-wired component



Coolant temperature sender, Engine/motor control unit, Turbocharger air recirculation valve, Intake manifold flap valve, Valve for oil pressure control, Piston cooling jet control valve

- G62 Coolant temperature sender
- 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
- T2cl 2-pin connector, black
- T2hm 2-pin connector, brown
- T2iy 2-pin connector, black
- T2iz 2-pin connector, black
- T2ja 2-pin connector, black
- T105a 105-pin connector, black
- D205 Connection 3 (87a) in engine prewiring harness

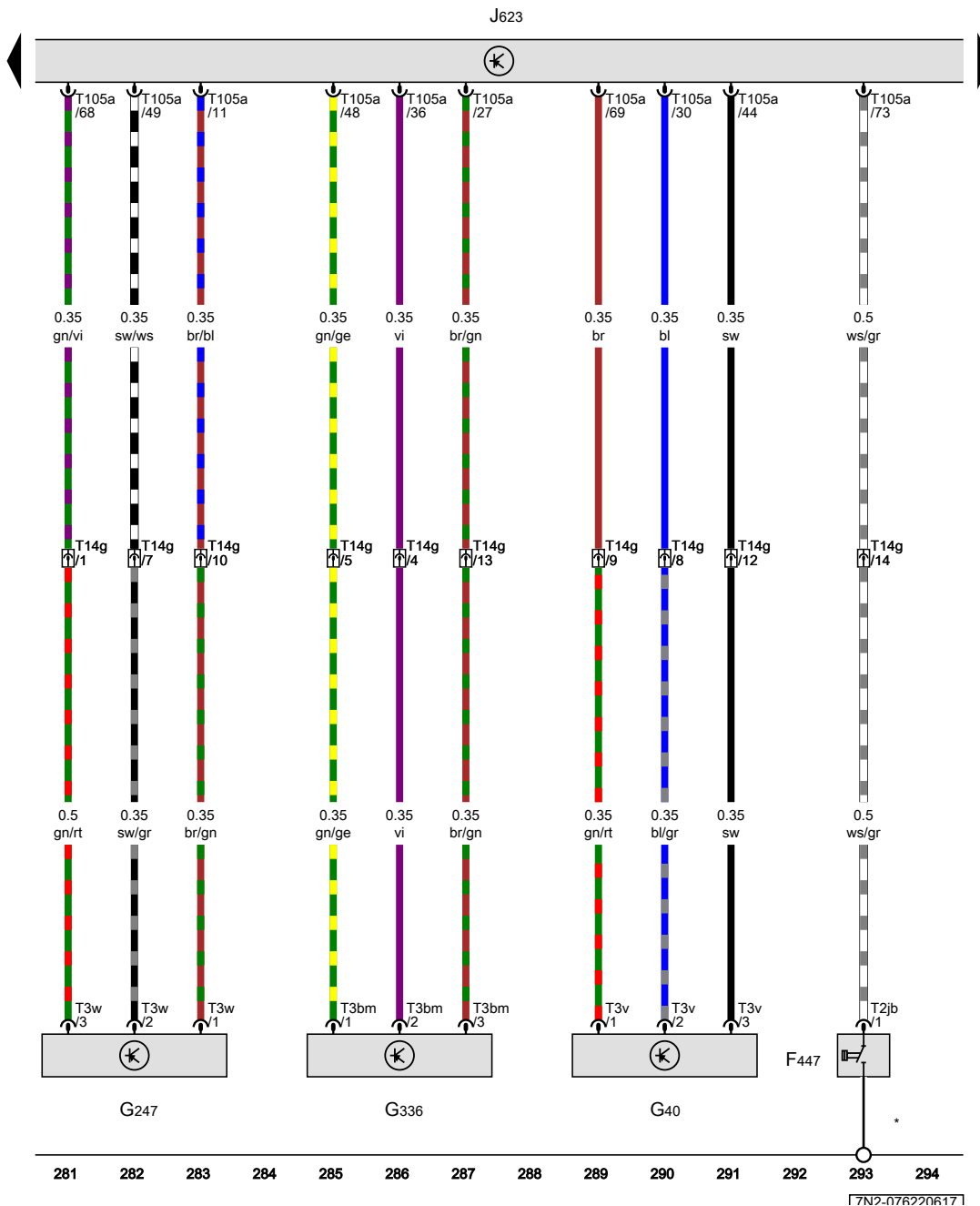
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 ro = red
 rt = red
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 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
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 rs = pink



Intake manifold sender, Engine speed sender, Hall sender 3, Engine/motor control unit

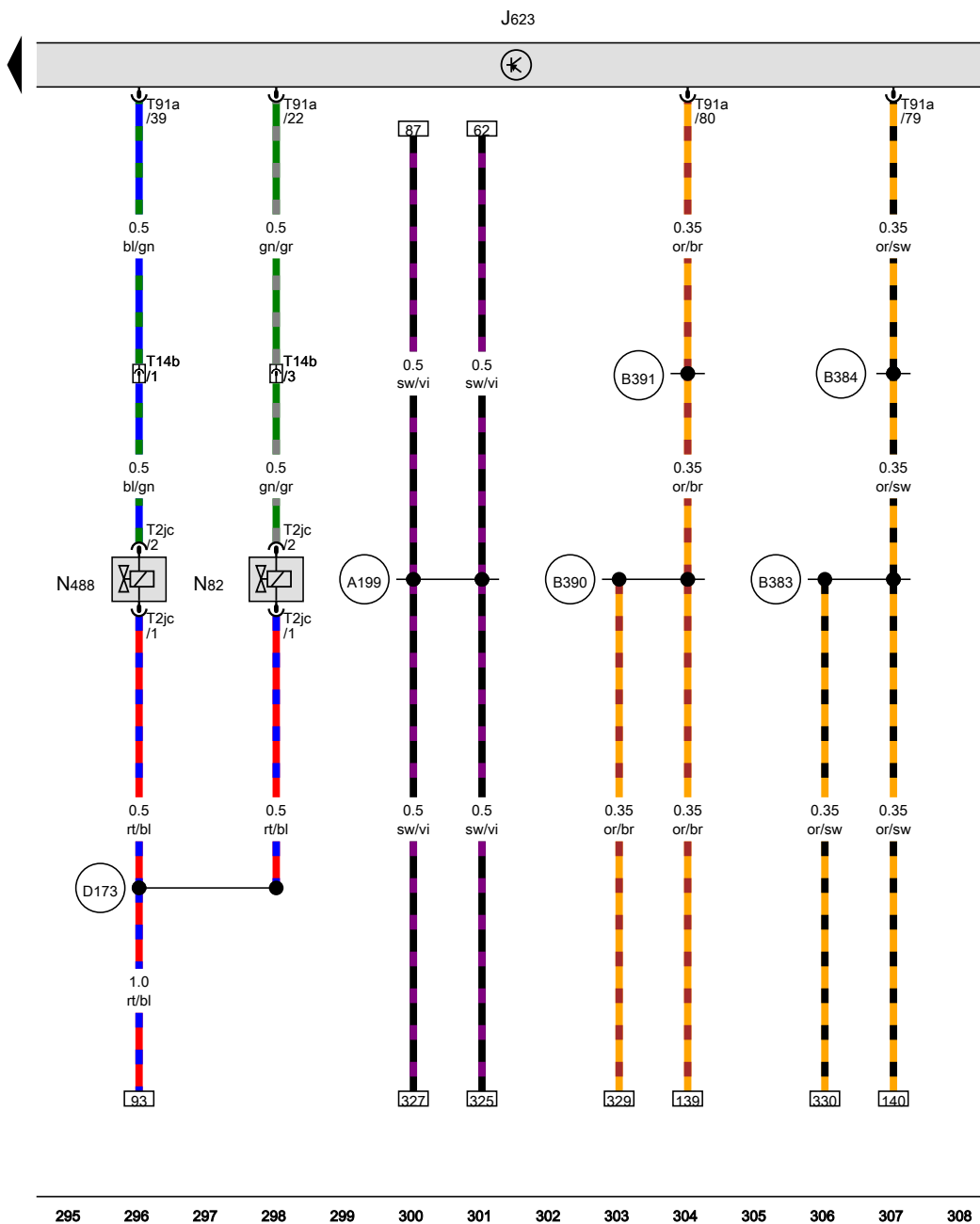
- GX9 Intake manifold sender
- G28 Engine speed sender
- G71 Intake manifold pressure sender
- G299 Intake air temperature sender 2
- G300 Hall sender 3
- J623 Engine/motor control unit
- T3bp 3-pin connector, black
- T3u 3-pin connector, black
- T4ek 4-pin connector, black
- T105a 105-pin connector, black

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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
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Stage 3 oil pressure switch, Hall sender, Fuel pressure sender, Intake manifold flap potentiometer, Engine/motor control unit

- F447 Stage 3 oil pressure switch
- G40 Hall sender
- G247 Fuel pressure sender
- G336 Intake manifold flap potentiometer
- J623 Engine/motor control unit
- T2jb 2-pin connector, black
- T3bm 3-pin connector, black
- T3v 3-pin connector, black
- T3w 3-pin connector, black
- T14g 14-pin connector, black
- T105a 105-pin connector, black
- * Earth supply via housing



Engine/motor control unit, Coolant shut-off valve, Coolant valve for gearbox

- J623 Engine/motor control unit
- N82 Coolant shut-off valve
- N488 Coolant valve for gearbox
- T2jc 2-pin connector, black
- T14b 14-pin connector, black
- T91a 91-pin connector, black

- A199 Positive connection 4 (15a) in dash panel wiring harness
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B384 Connection 2 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- B391 Connection 2 (powertrain CAN bus, low), in main wiring harness
- D173 Connection (87), in engine prewiring harness

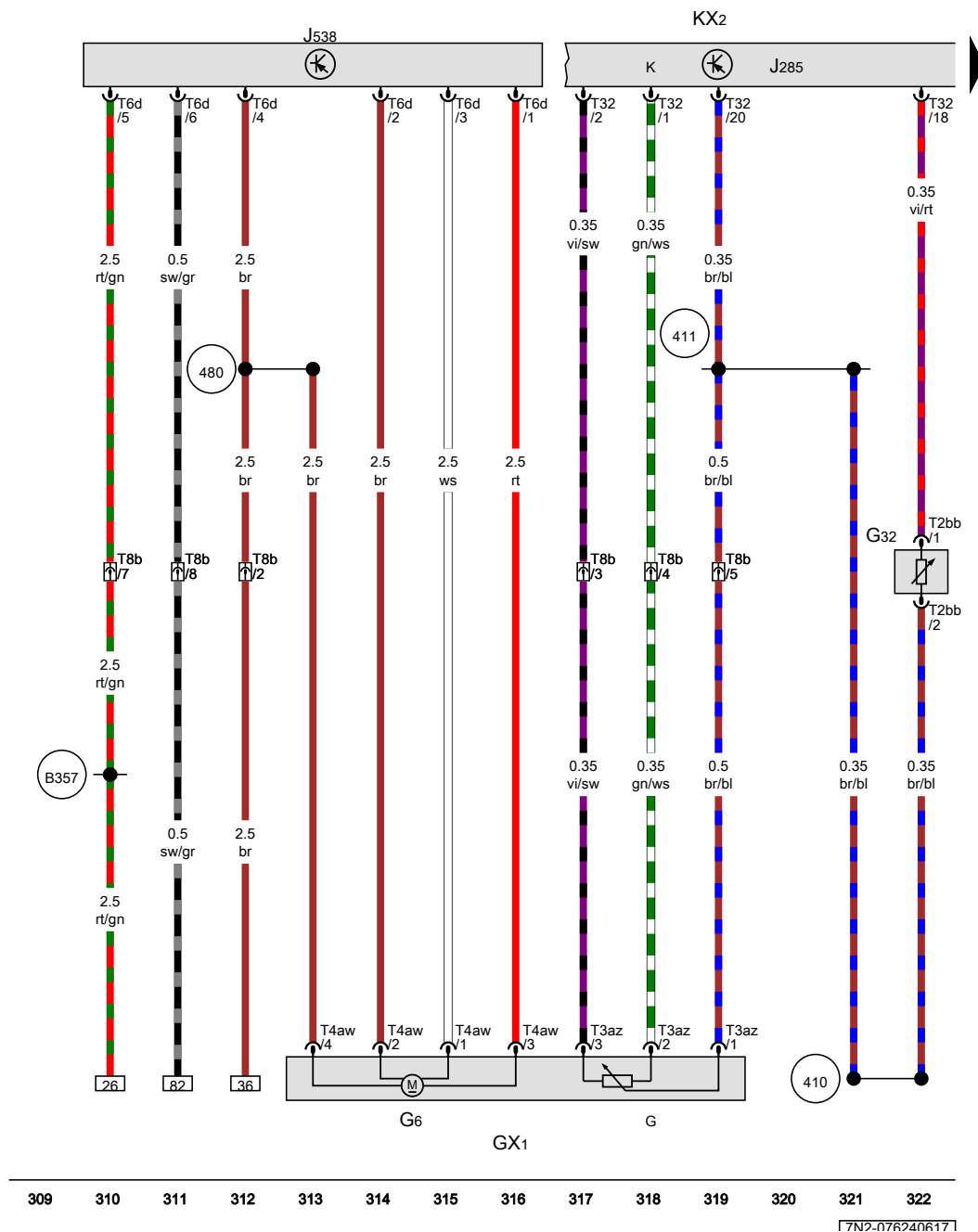
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- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
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- vi = purple
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Fuel delivery unit, Coolant shortage indicator sender, Control unit in dash panel insert, Fuel pump control unit

- G Fuel gauge sender
- GX1 Fuel delivery unit
- G6 Fuel system pressurisation pump
- G32 Coolant shortage indicator sender
- J285 Control unit in dash panel insert
- J538 Fuel pump control unit
- K Dash panel insert
- KX2 Dash panel insert
- T2bb 2-pin connector, black
- T3az 3-pin connector, black
- T4aw 4-pin connector, black
- T6d 6-pin connector, black
- T8b 8-pin connector, black
- T32 32-pin connector, blue

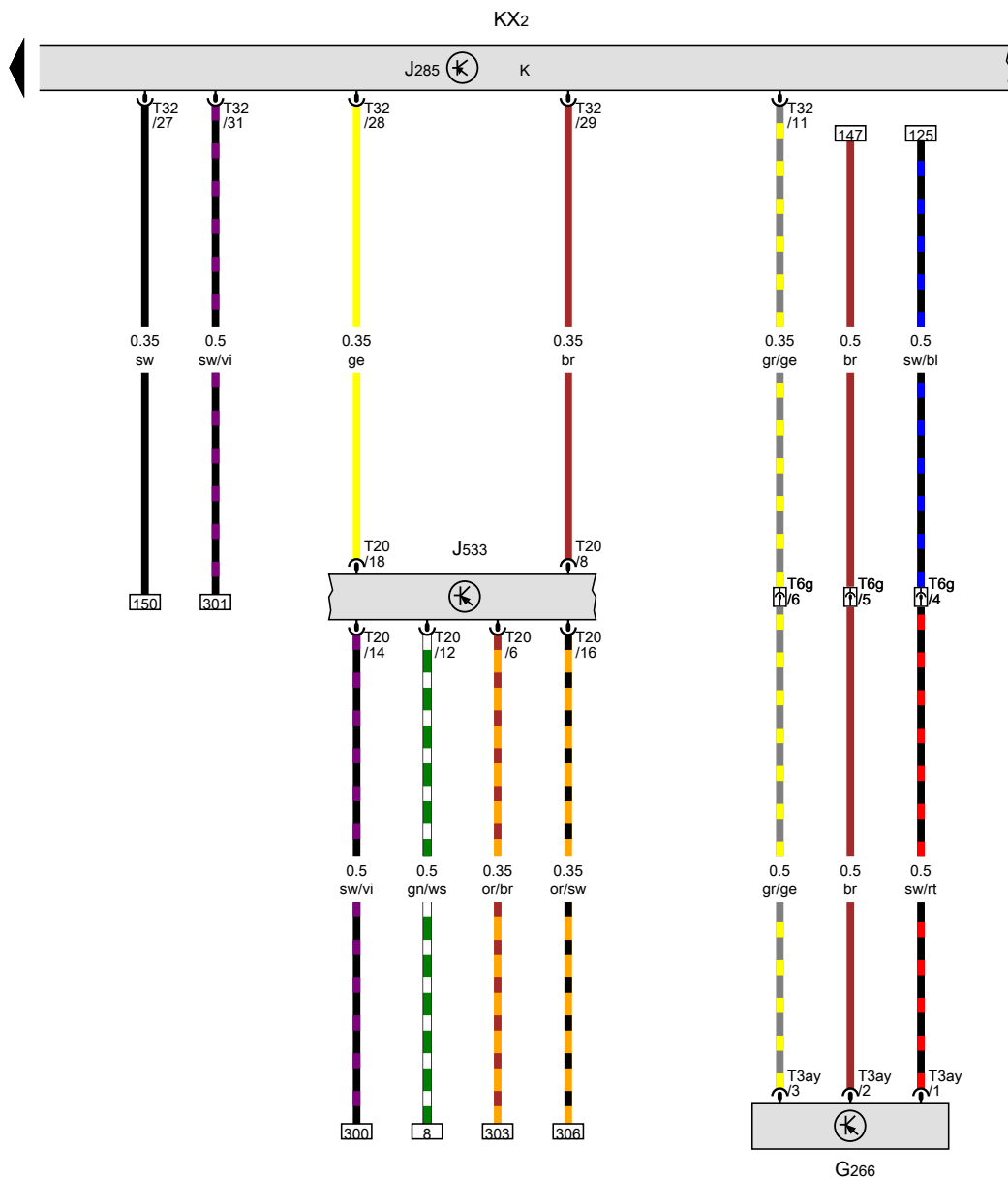
- 410 Earth connection 1 (sender earth) in main wiring harness
- 411 Earth connection 2 (sender earth) in main wiring harness
- 480 Earth connection, in fuel tank wiring harness
- B357 Positive connection 8 (87a) in main wiring harness

- ws = white
- sw = black
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Oil level and oil temperature sender, Control unit in dash panel insert, Data bus diagnostic interface

- G266 Oil level and oil temperature sender
- J285 Control unit in dash panel insert
- J533 Data bus diagnostic interface
- K Dash panel insert
- KX2 Dash panel insert
- T3ay 3-pin connector, black
- T6g 6-pin connector, black
- T20 20-pin connector, red
- T32 32-pin connector, blue

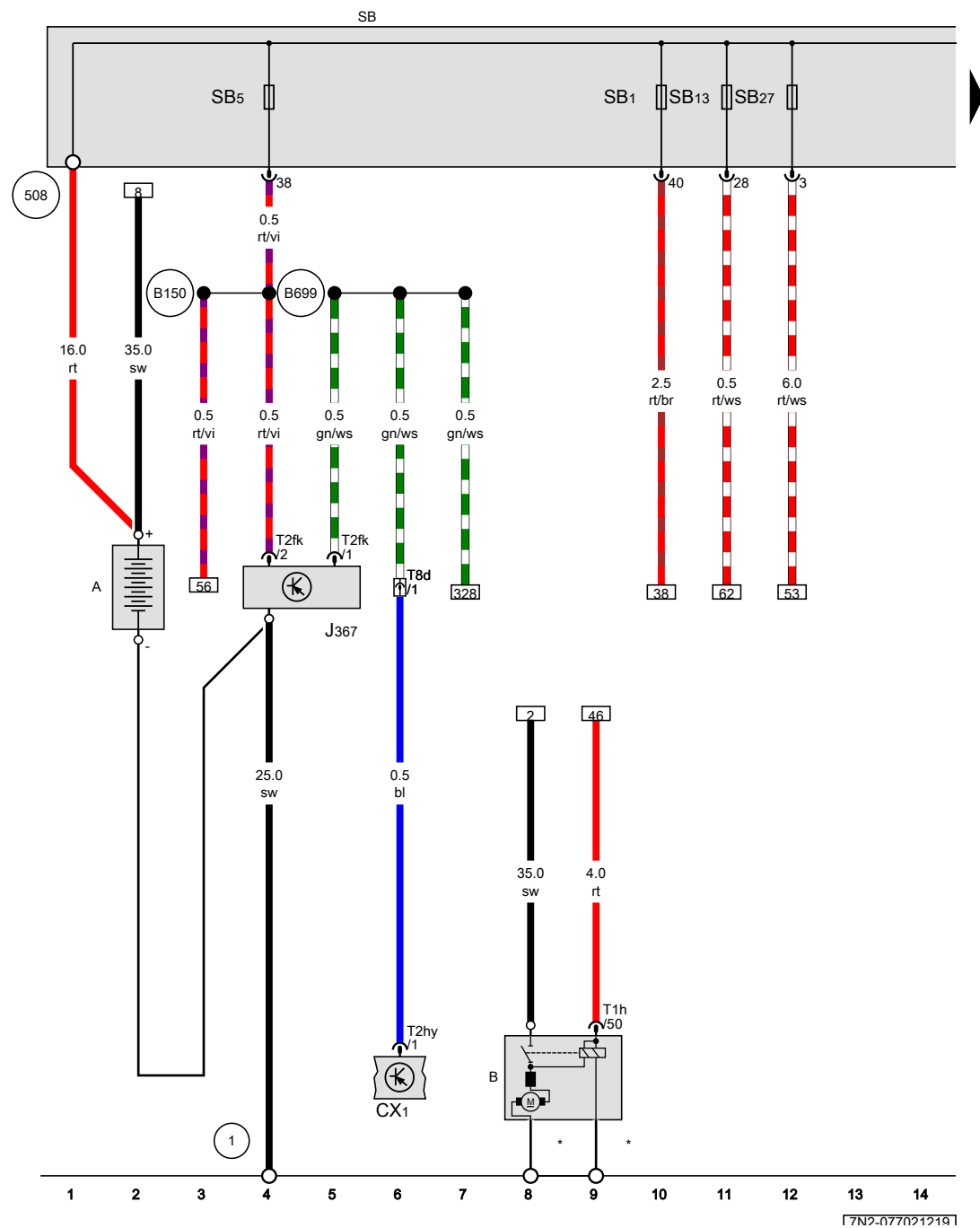


323 324 325 326 327 328 329 330 331 332 333 334 335 336

[7N2-076250617]

2.0l diesel engine , CUVA,CUVC,CUWA

From May 2015

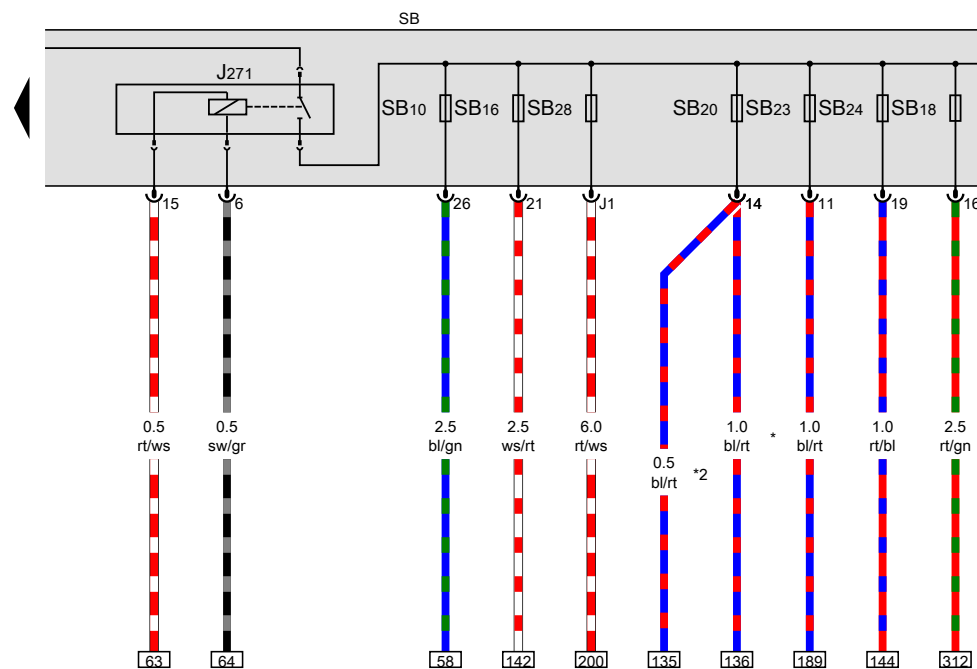


Battery, Starter, Alternator with voltage regulator, Battery monitor control unit, Fuse holder B

- A Battery
- B Starter
- CX1 Alternator with voltage regulator
- J367 Battery monitor control unit, on earth cable battery clamp
- SB Fuse holder B
- SB1 Fuse 1 on fuse holder B
- SB5 Fuse 5 on fuse holder B
- SB13 Fuse 13 on fuse holder B
- SB27 Fuse 27 on fuse holder B
- T1h 1-pin connector, black
- T2fk 2-pin connector, yellow
- T2hy 2-pin connector, black
- T8d 8-pin connector, black
- 1 Earth strap, battery - body
- 508 Threaded connection (30) on E-box
- B150 Positive connection 2 (30a), in interior wiring harness
- B699 Connection 4 (LIN bus) in main wiring harness
- * Earth supply via housing

Volkswagen Technical Site: <https://vwts.ru>

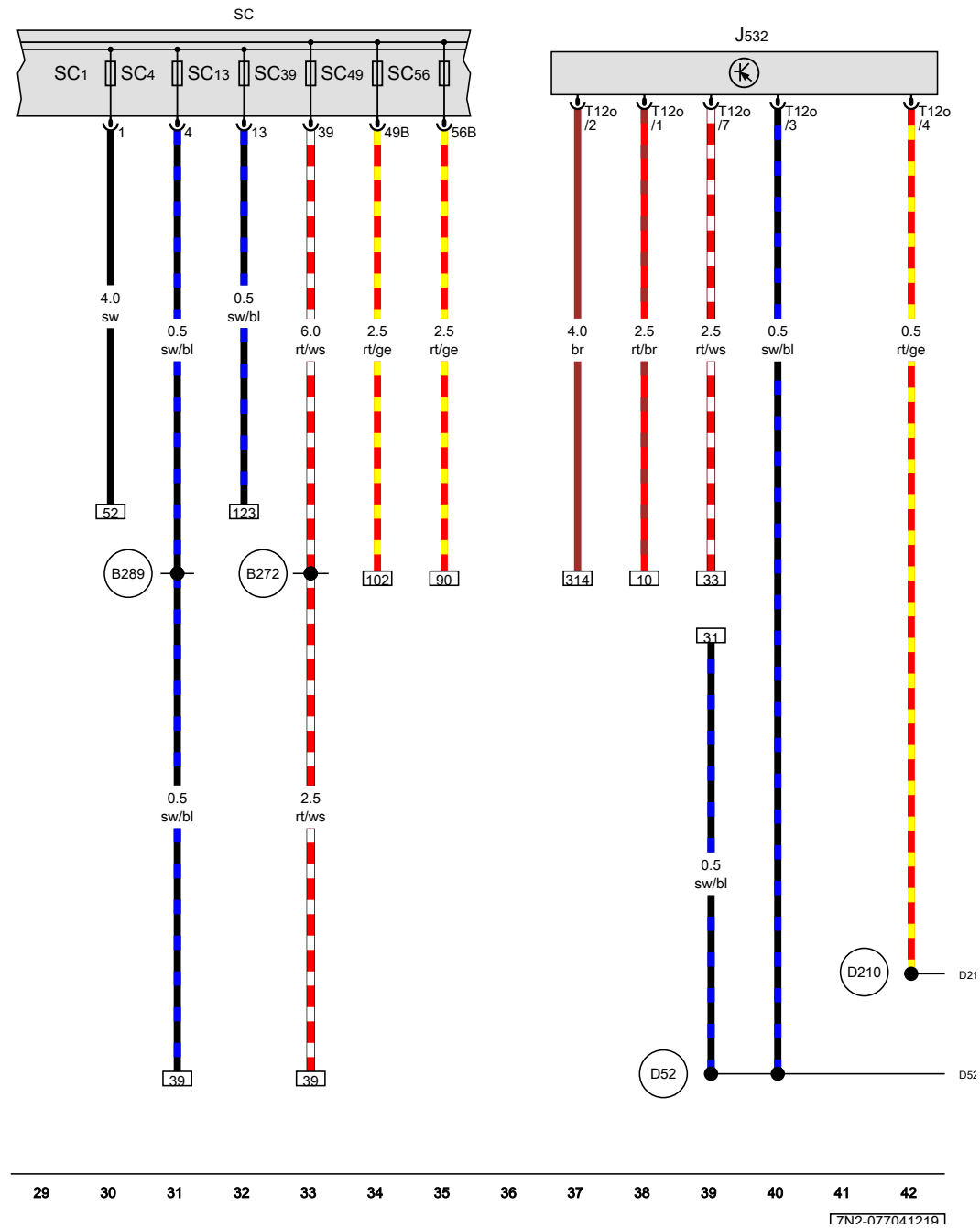
ws = white
 sw = black
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Main relay, Fuse holder B

- J271 Main relay
- SB Fuse holder B
- SB10 Fuse 10 on fuse holder B
- SB16 Fuse 16 on fuse holder B
- SB18 Fuse 18 on fuse holder B
- SB20 Fuse 20 on fuse holder B
- SB23 Fuse 23 on fuse holder B
- SB24 Fuse 24 on fuse holder B
- SB28 Fuse 28 on fuse holder B
- * Up to May 2017
- *2 From May 2017

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sw = black
ro = red
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bl = blue
gr = grey
li = purple
vi = purple
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rs = pink

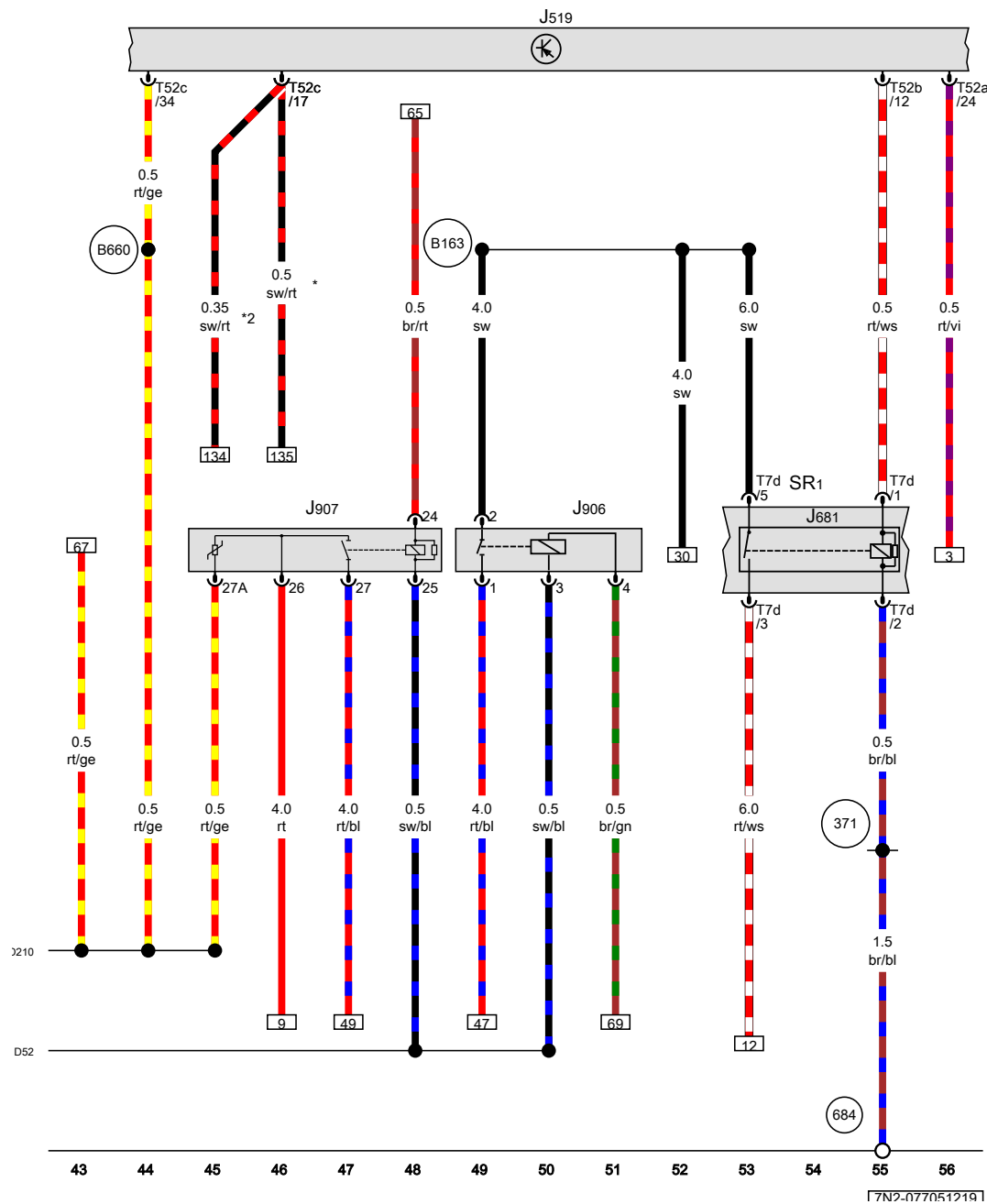


Voltage stabiliser, Fuse holder C

- | | |
|------|--------------------------|
| J532 | Voltage stabiliser |
| SC | Fuse holder C |
| SC1 | Fuse 1 on fuse holder C |
| SC4 | Fuse 4 on fuse holder C |
| SC13 | Fuse 13 on fuse holder C |
| SC39 | Fuse 39 on fuse holder C |
| SC49 | Fuse 49 on fuse holder C |
| SC56 | Fuse 56 on fuse holder C |
| T120 | 12-pin connector, red |

- B272 Positive connection (30), in main wiring harness
- B289 Positive connection 13 (15a) in main wiring harness
- D52 Positive connection (15a), in engine compartment wiring harness
- D210 Connection (50), in engine compartment wiring harness

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Onboard supply control unit, Terminal 15 voltage supply relay 2, Starter relay 1, Starter relay 2, Relay and fuse carrier 1

- J519 Onboard supply control unit
- J681 Terminal 15 voltage supply relay 2
- J906 Starter relay 1
- J907 Starter relay 2
- SR1 Relay and fuse carrier 1
- T7d 7-pin connector, black
- T52a 52-pin connector, black
- T52b 52-pin connector, colourless
- T52c 52-pin connector, brown

- 371 Earth connection 6, in main wiring harness
- 684 Earth point on front of left side member
- B163 Positive connection 1 (15), in interior wiring harness
- B660 Connection (diagnosis terminal 50), in main wiring harness
- D52 Positive connection (15a), in engine compartment wiring harness
- D210 Connection (50), in engine compartment wiring harness

- * Up to May 2017
- *2 From May 2017

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

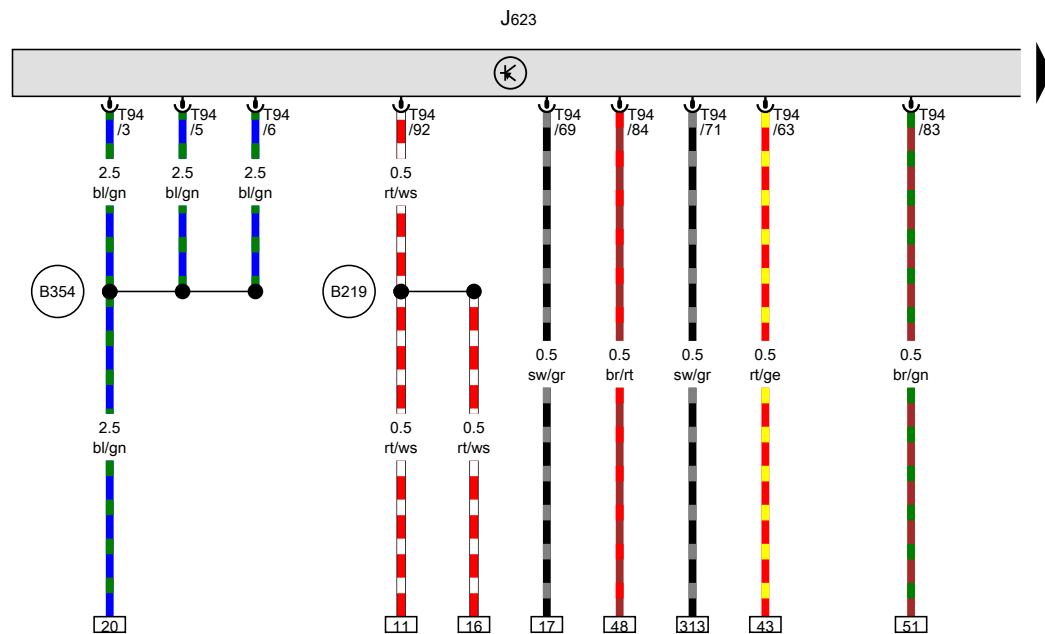
Engine/motor control unit

J623 Engine/motor control unit

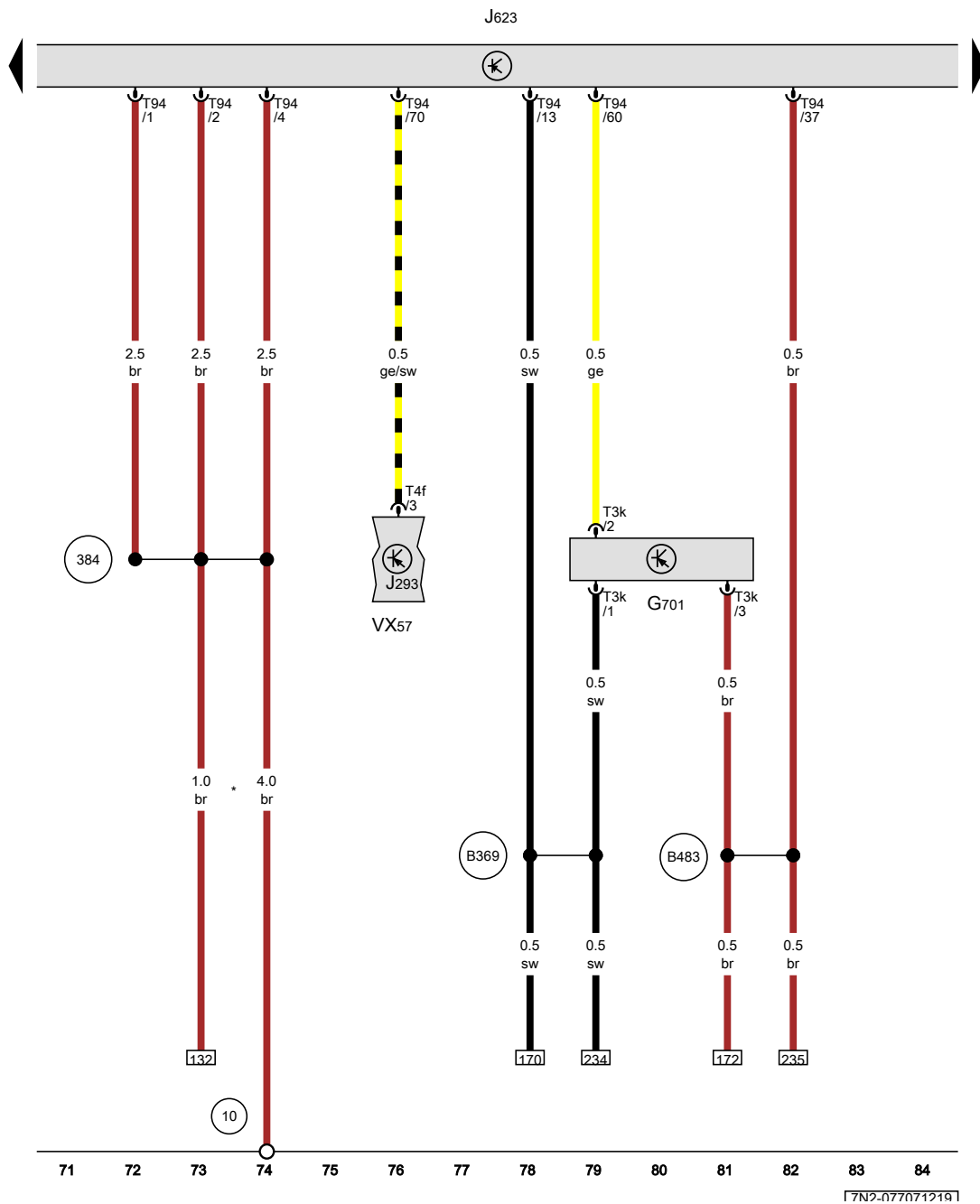
T94 94-pin connector, black

B219 Positive connection 4 (30a), in interior wiring harness

B354 Positive connection 5 (87a) in main wiring harness



ws = white
sw = black
ro = red
rt = red
br = brown
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rs = pink

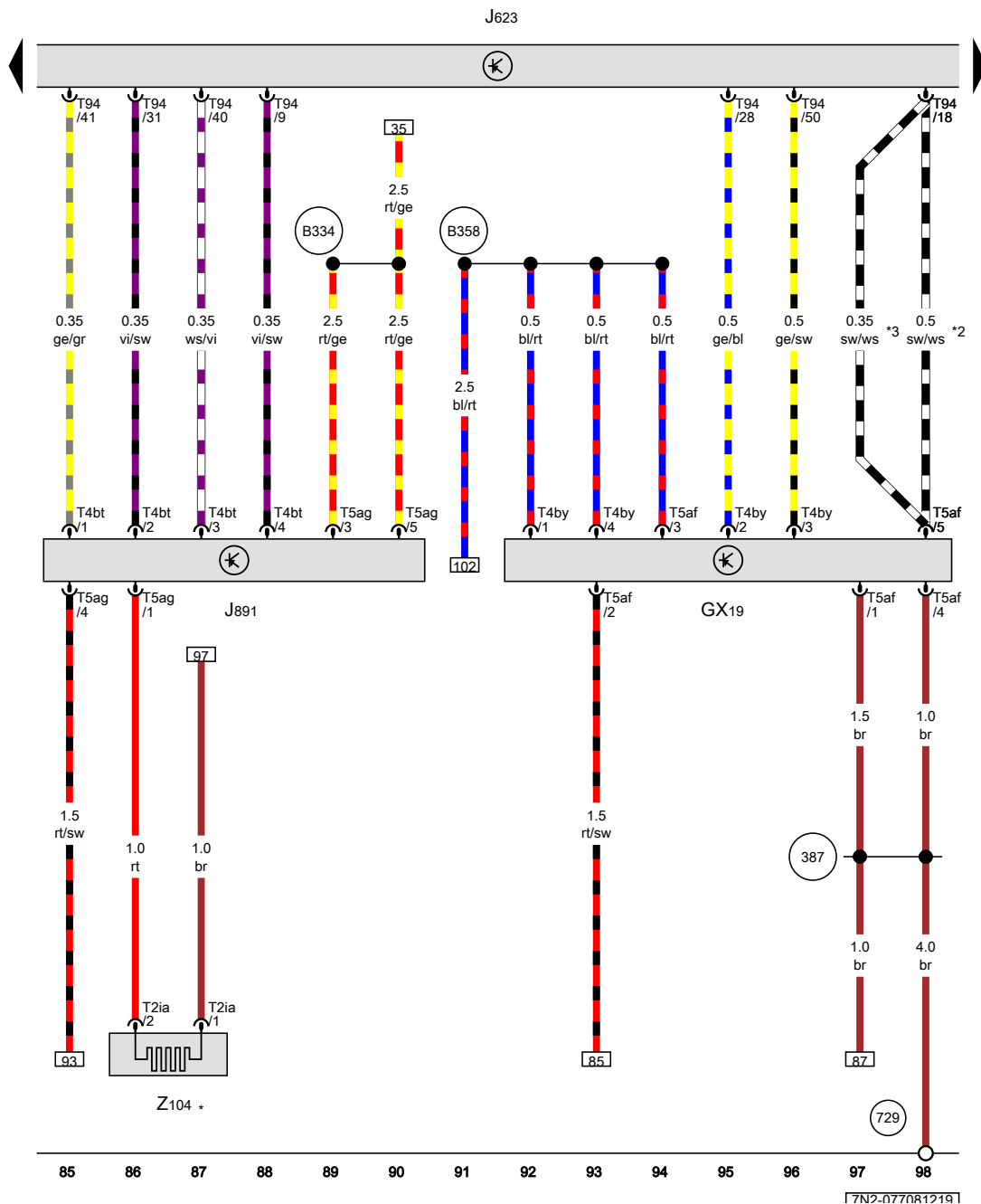


Gearbox neutral position sender, Engine/motor control unit, Radiator fan

- G701 Gearbox neutral position sender
- J293 Radiator fan control unit
- J623 Engine/motor control unit
- T3k 3-pin connector, black
- T4f 4-pin connector, black
- T94 94-pin connector, black
- VX57 Radiator fan

- 10 Earth point, in plenum chamber
- 384 Earth connection 19, in main wiring harness
- B369 Connection 1 (5V), in main wiring harness
- B483 Connection 19, in main wiring harness
- * For models with manual gearbox

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- vi = purple
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- rs = pink



Delivery unit for reducing agent metering system, Engine/ motor control unit, Control unit for reducing agent heater, Heater for reducing agent line (heater circuit 2)

- GX19 Delivery unit for reducing agent metering system
- J623 Engine/motor control unit
- J891 Control unit for reducing agent heater
- T2ia 2-pin connector, black
- T4bt 4-pin connector, black
- T4by 4-pin connector, black
- T5af 5-pin connector, black
- T5ag 5-pin connector, black
- T94 94-pin connector, black
- Z104 Heater for reducing agent line (heater circuit 2)

387 Earth connection 22, in main wiring harness

729 Earth point, on left rear wheel housing

B334 Positive connection 20 (30a) in main wiring harness

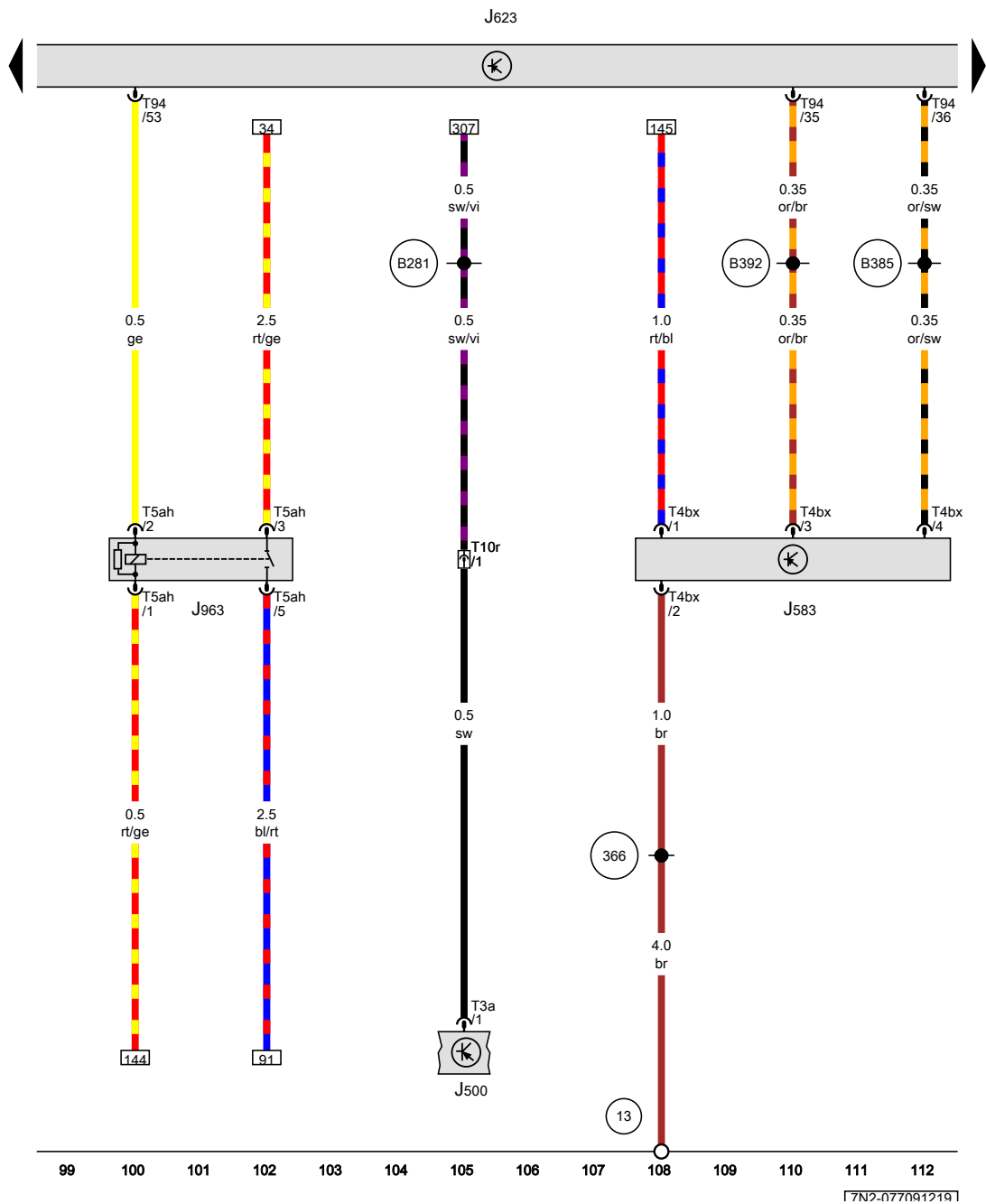
B358 Positive connection 9 (87a) in main wiring harness

* Pre-wired component

*2 Up to May 2017

*3 From May 2017

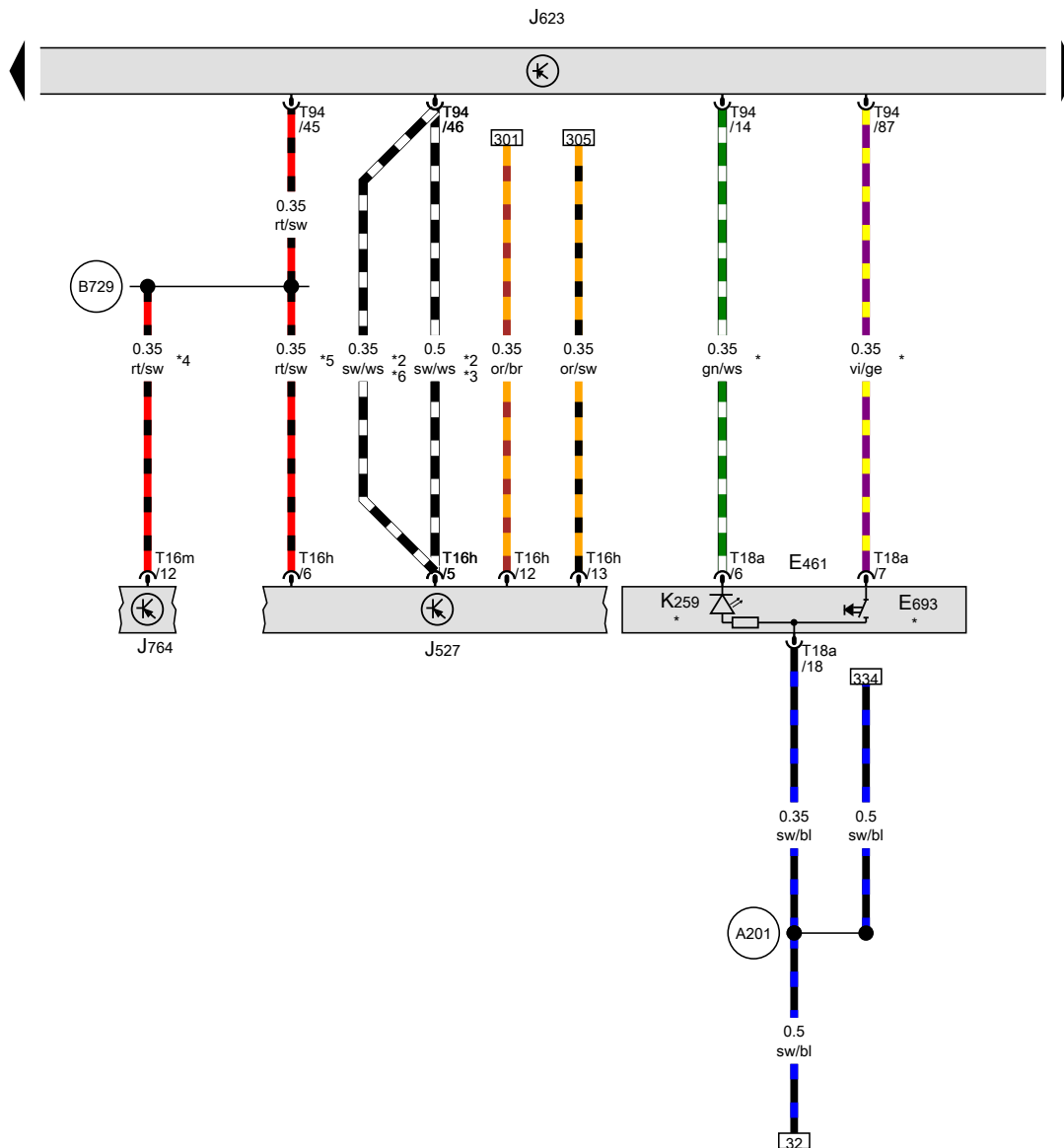
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- gr = grey
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- ge = yellow
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Power steering control unit, Control unit for NOx sender, Engine/motor control unit, Relay for reducing agent metering system

- J500 Power steering control unit
- J583 Control unit for NOx sender
- J623 Engine/motor control unit
- J963 Relay for reducing agent metering system
- T3a 3-pin connector, black
- T4bx 4-pin connector, black
- T5ah 5-pin connector, black
- T10r 10-pin connector, black
- T94 94-pin connector, black

- 13 Earth point, on right in engine compartment
- 366 Earth connection 1, in main wiring harness
- B281 Positive connection 5 (15a) in main wiring harness
- B385 Connection 3 (powertrain CAN bus, high), in main wiring harness
- B392 Connection 3 (powertrain CAN bus, low), in main wiring harness



Operating unit in front of centre console, Start/Stop operation button, Steering column electronics control unit, Engine/motor control unit, Control unit for electronic steering column lock

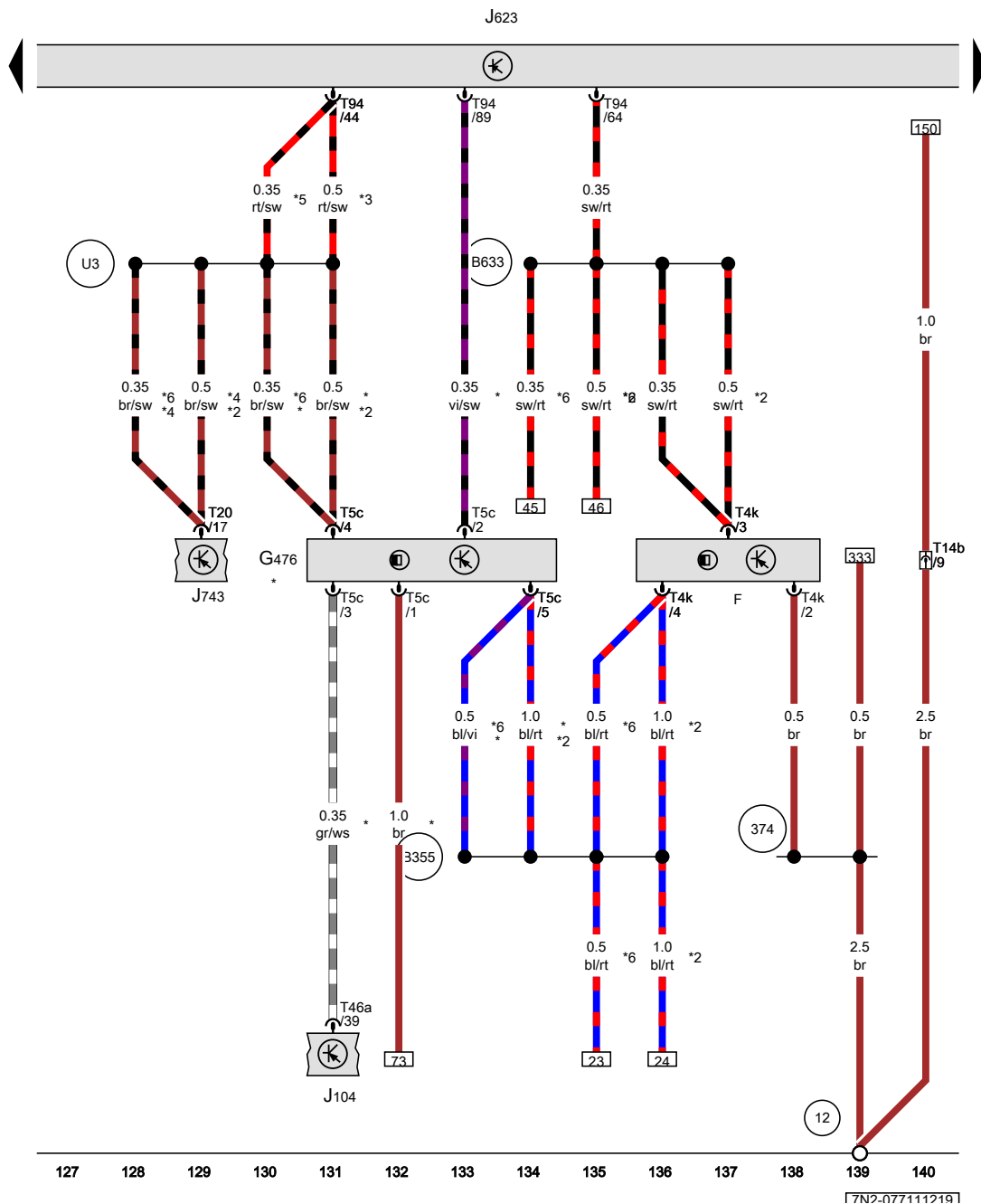
- E461 Operating unit in front of centre console, in centre console
- E693 Start/Stop operation button
- J527 Steering column electronics control unit
- J623 Engine/motor control unit
- J764 Control unit for electronic steering column lock
- K259 Start/Stop operation warning lamp
- T16h 16-pin connector, black
- T16m 16-pin connector, black
- T18a 18-pin connector, colourless
- T94 94-pin connector, black

A201 Positive connection 6 (15a) in dash panel wiring harness

B729 Connection 1 (50), in main wiring harness

- * According to equipment
- *2 For models with cruise control system (CCS)
- *3 Up to May 2017
- *4 For models with entry and start authorisation
- *5 For models with no entry and start authorisation
- *6 From May 2017

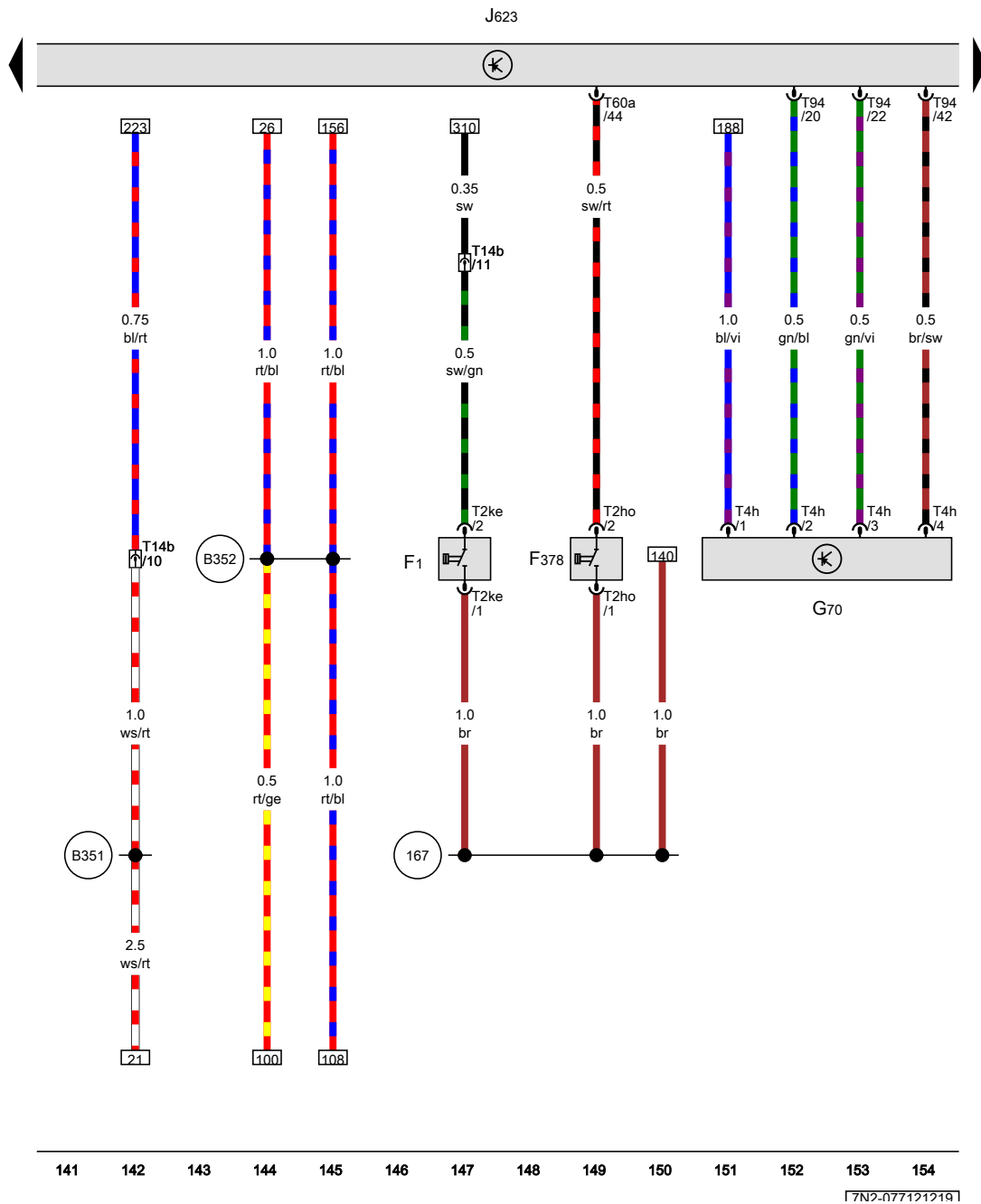
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Brake light switch, Clutch position sender, ABS control unit, Engine/motor control unit, Mechatronic unit for dual clutch gearbox

- F Brake light switch
- G476 Clutch position sender
- J104 ABS control unit
- J623 Engine/motor control unit
- J743 Mechatronic unit for dual clutch gearbox
- T4k 4-pin connector, black
- T5c 5-pin connector, black
- T14b 14-pin connector, grey
- T20 20-pin connector, black
- T46a 46-pin connector, black
- T94 94-pin connector, black
- 12 Earth point, on left in engine compartment
- 374 Earth connection 9, in main wiring harness
- B355 Positive connection 6 (87a) in main wiring harness
- B633 Connection (brake pedal switch), in main wiring harness
- U3 Connection 1, in automatic gearbox wiring harness
- * For models with manual gearbox
- *2 Up to May 2017
- *3 Up to May 2016
- *4 For models with dual clutch gearbox
- *5 From May 2016
- *6 From May 2017

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 ro = red
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 bl = blue
 gr = grey
 li = purple
 vi = purple
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 rs = pink

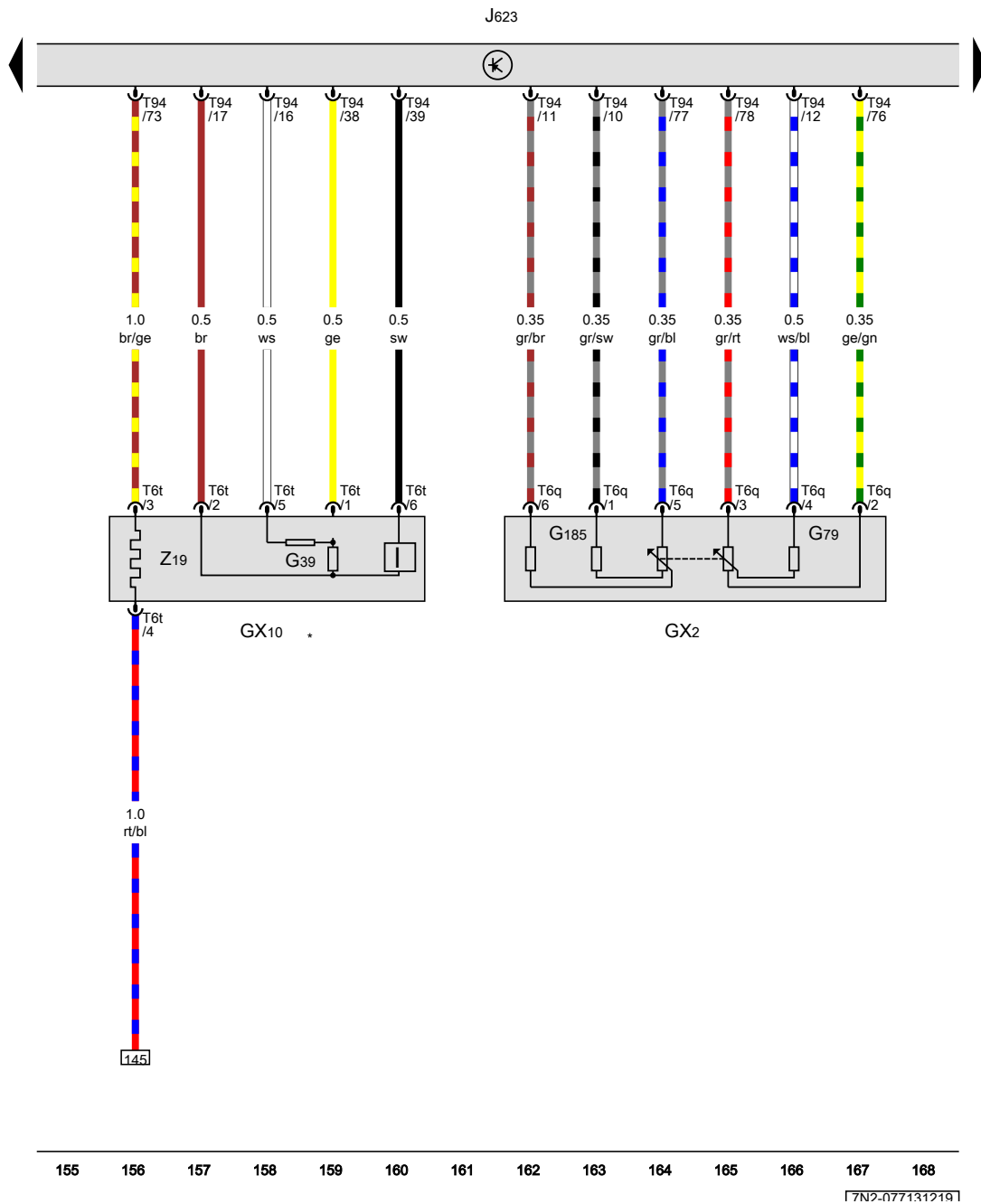


Oil pressure switch, Oil pressure switch for reduced oil pressure, Air mass meter, Engine/motor control unit

- F1 Oil pressure switch
- F378 Oil pressure switch for reduced oil pressure
- G70 Air mass meter
- J623 Engine/motor control unit
- T2ho 2-pin connector, black
- T2ke 2-pin connector, black
- T4h 4-pin connector, black
- T14b 14-pin connector, grey
- T60a 60-pin connector, black
- T94 94-pin connector, black

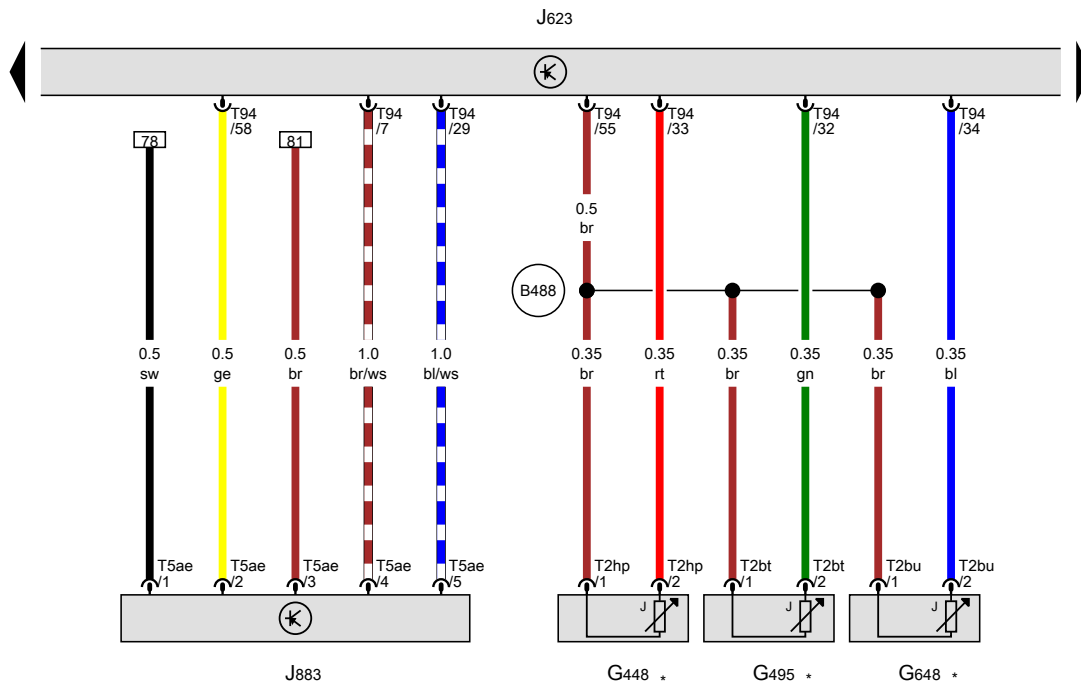
- 167 Earth connection 4, in engine compartment wiring harness
- B351 Positive connection 2 (87a) in main wiring harness
- B352 Positive connection 3 (87a) in main wiring harness

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Accelerator pedal module, Lambda probe 1 before catalytic converter, Accelerator position sender, Accelerator position sender 2, Engine/motor control unit

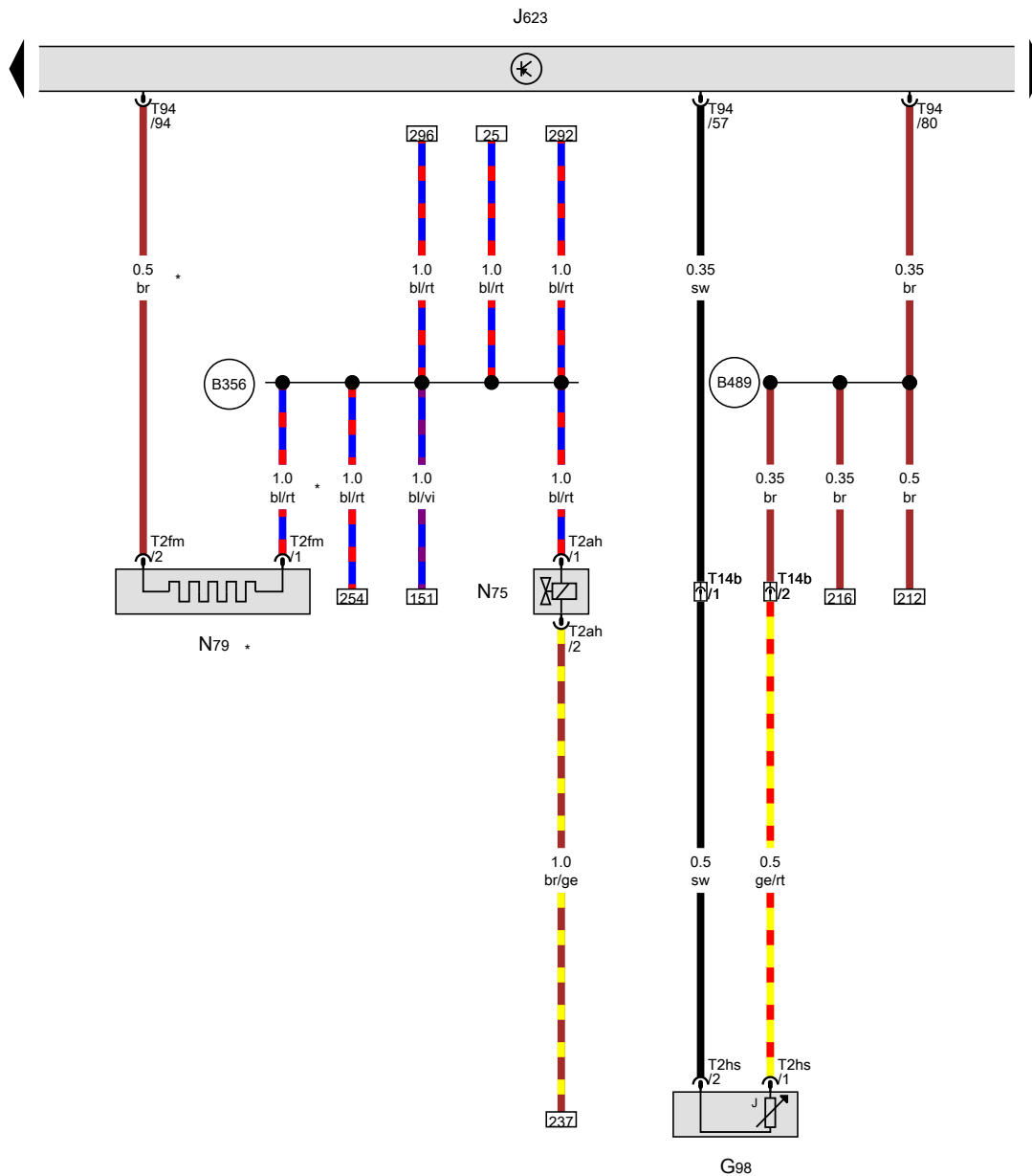
- GX2 Accelerator pedal module
- GX10 Lambda probe 1 before catalytic converter
- G39 Lambda probe
- G79 Accelerator position sender
- G185 Accelerator position sender 2
- J623 Engine/motor control unit
- T6q 6-pin connector, black
- T6t 6-pin connector, black
- T94 94-pin connector, black
- Z19 Lambda probe heater
- * Pre-wired component



Exhaust gas temperature sender 2, Exhaust gas temperature sender 3, Exhaust gas temperature sender 4, Engine/motor control unit, Exhaust flap control unit

- G448 Exhaust gas temperature sender 2
- G495 Exhaust gas temperature sender 3
- G648 Exhaust gas temperature sender 4
- J623 Engine/motor control unit
- J883 Exhaust flap control unit
- T2bt 2-pin connector, black
- T2bu 2-pin connector, black
- T2hp 2-pin connector, black
- T5ae 5-pin connector, black
- T94 94-pin connector, black
- B488 Connection 24, 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



Exhaust gas recirculation temperature sensor, Engine/
motor control unit, Charge pressure control solenoid valve,
Heater element for crankcase breather

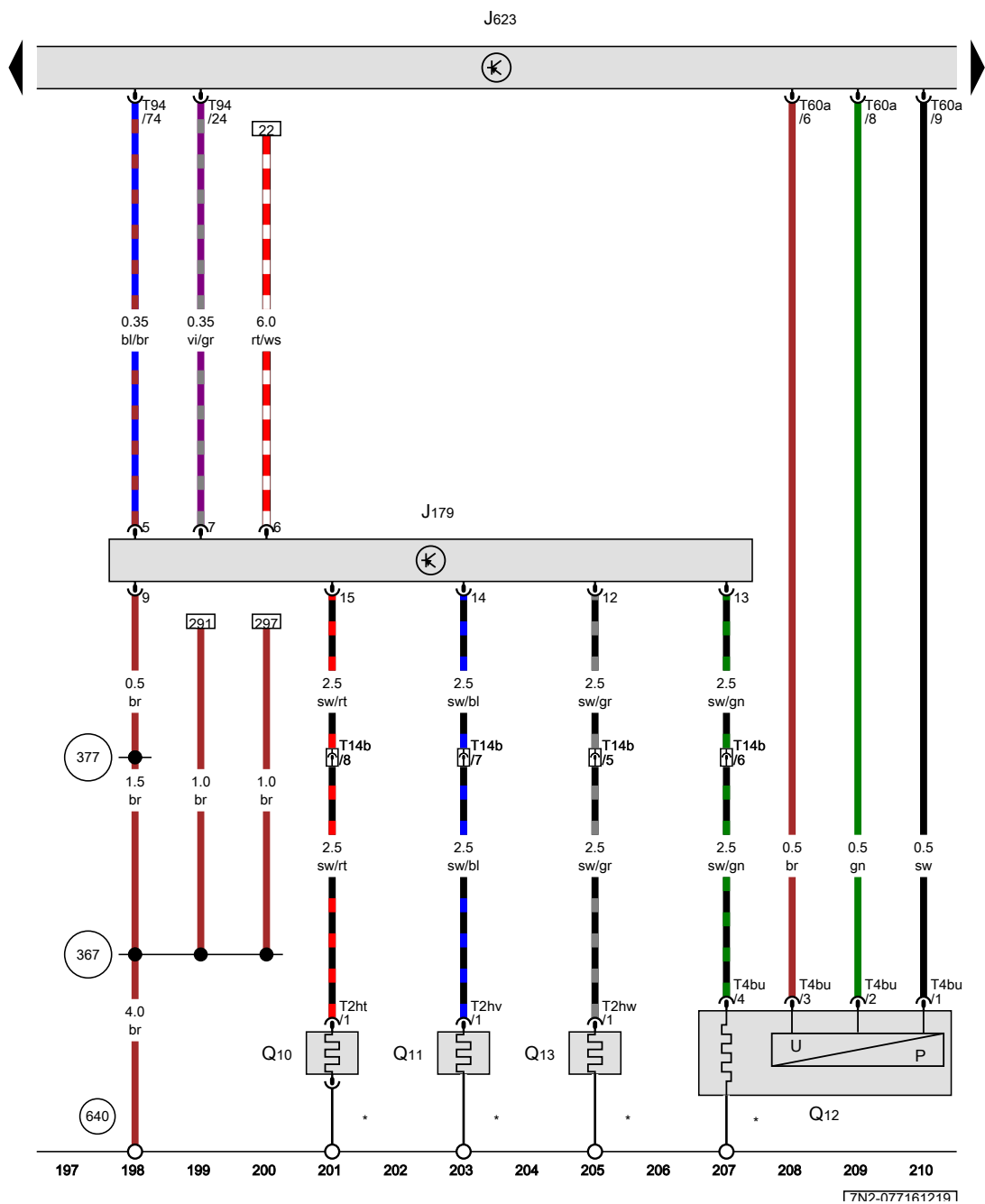
- G98 Exhaust gas recirculation temperature sensor
- J623 Engine/motor control unit
- N75 Charge pressure control solenoid valve
- N79 Heater element for crankcase breather
- T2ah 2-pin connector, black
- T2fm 2-pin connector, black
- T2hs 2-pin connector, black
- T14b 14-pin connector, grey
- T94 94-pin connector, black

B356 Positive connection 7 (87a) in main wiring harness

B489 Connection 25, in main wiring harness

* For models with crankcase breather heater element

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

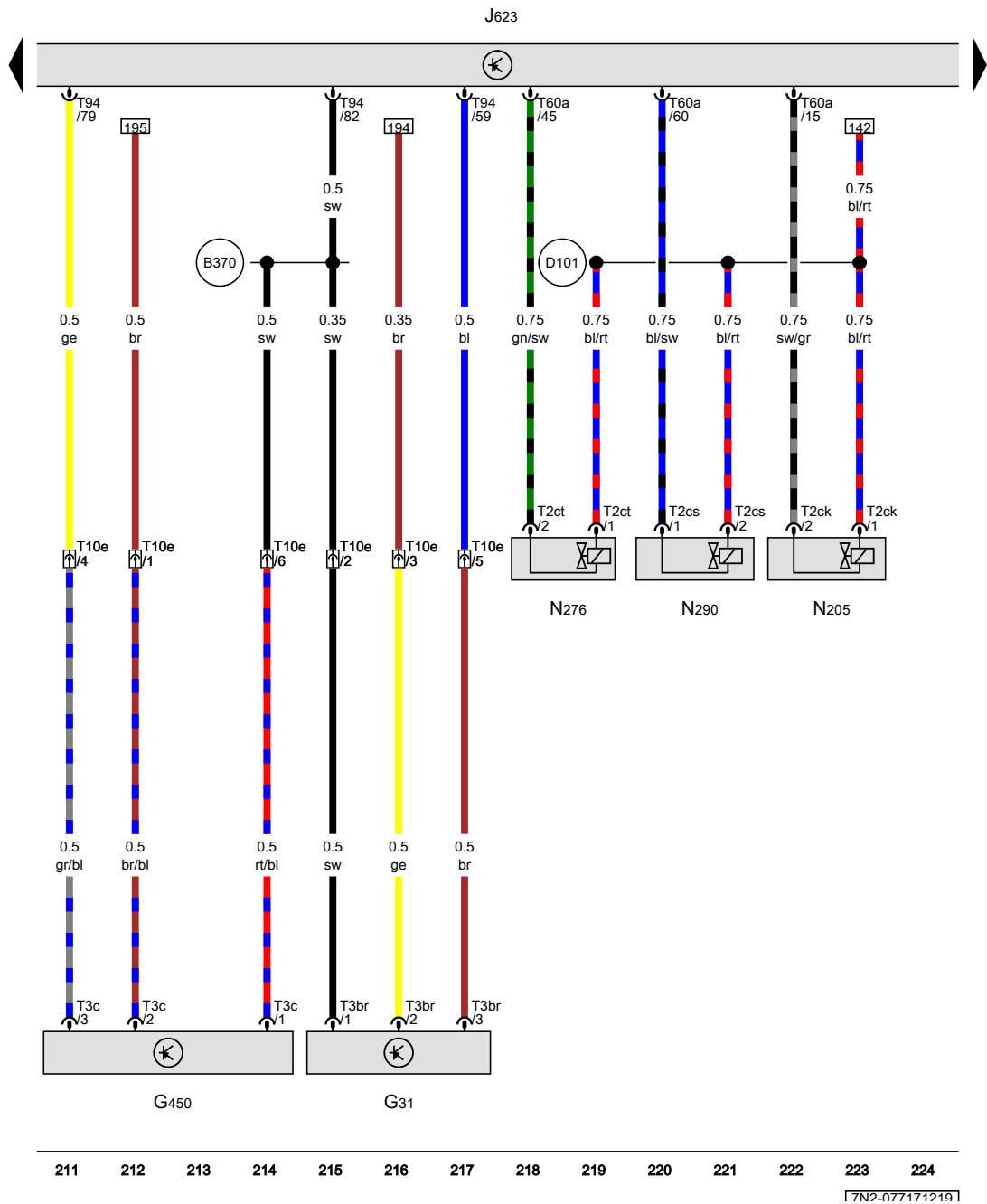


Automatic glow period control unit, Engine/motor control unit, Glow plug 1, Glow plug 2, Glow plug 3, Glow plug 4

- J179 Automatic glow period control unit
- J623 Engine/motor control unit
- Q10 Glow plug 1
- Q11 Glow plug 2
- Q12 Glow plug 3
- Q13 Glow plug 4
- T2ht 2-pin connector, black
- T2hv 2-pin connector, black
- T2hw 2-pin connector, black
- T4bu 4-pin connector, black
- T14b 14-pin connector, grey
- T60a 60-pin connector, black
- T94 94-pin connector, black

- 367 Earth connection 2, in main wiring harness
- 377 Earth connection 12, in main wiring harness
- 640 Earth point 2, left in engine compartment
- * 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



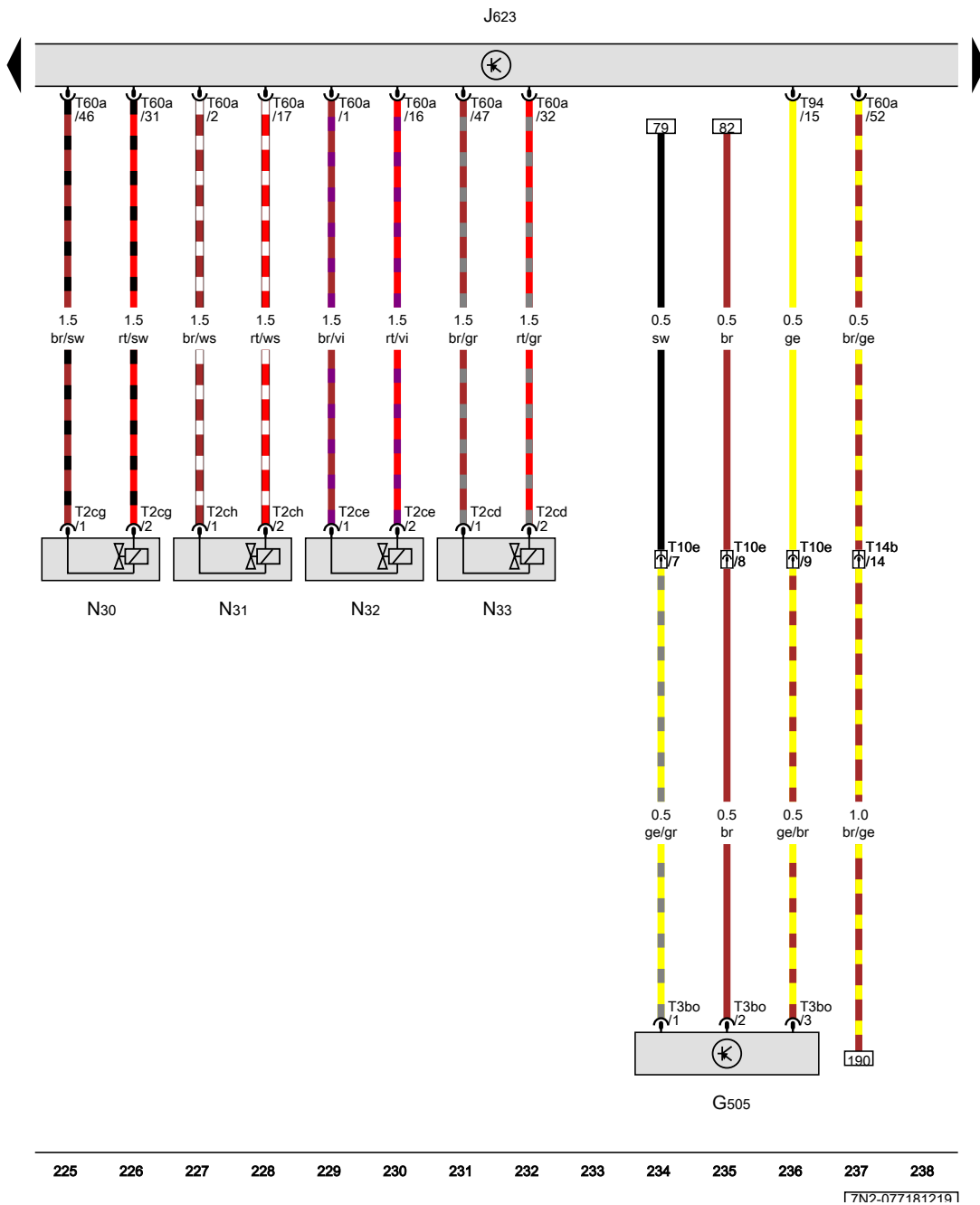
Charge pressure sender, Exhaust gas pressure sensor 1, Engine/motor control unit, Camshaft control valve 1, Fuel pressure regulating valve, Fuel metering valve

- | | |
|------|--------------------------------|
| G31 | Charge pressure sender |
| G450 | Exhaust gas pressure sensor 1 |
| J623 | Engine/motor control unit |
| N205 | Camshaft control valve 1 |
| N276 | Fuel pressure regulating valve |
| N290 | Fuel metering valve |
| T2ck | 2-pin connector, black |
| T2cs | 2-pin connector, black |
| T2ct | 2-pin connector, black |
| T3br | 3-pin connector, black |
| T3c | 3-pin connector, black |
| T10e | 10-pin connector, black |
| T60a | 60-pin connector, black |
| T94 | 94-pin connector, black |

(B370) Connection 2 (5V), in main wiring harness

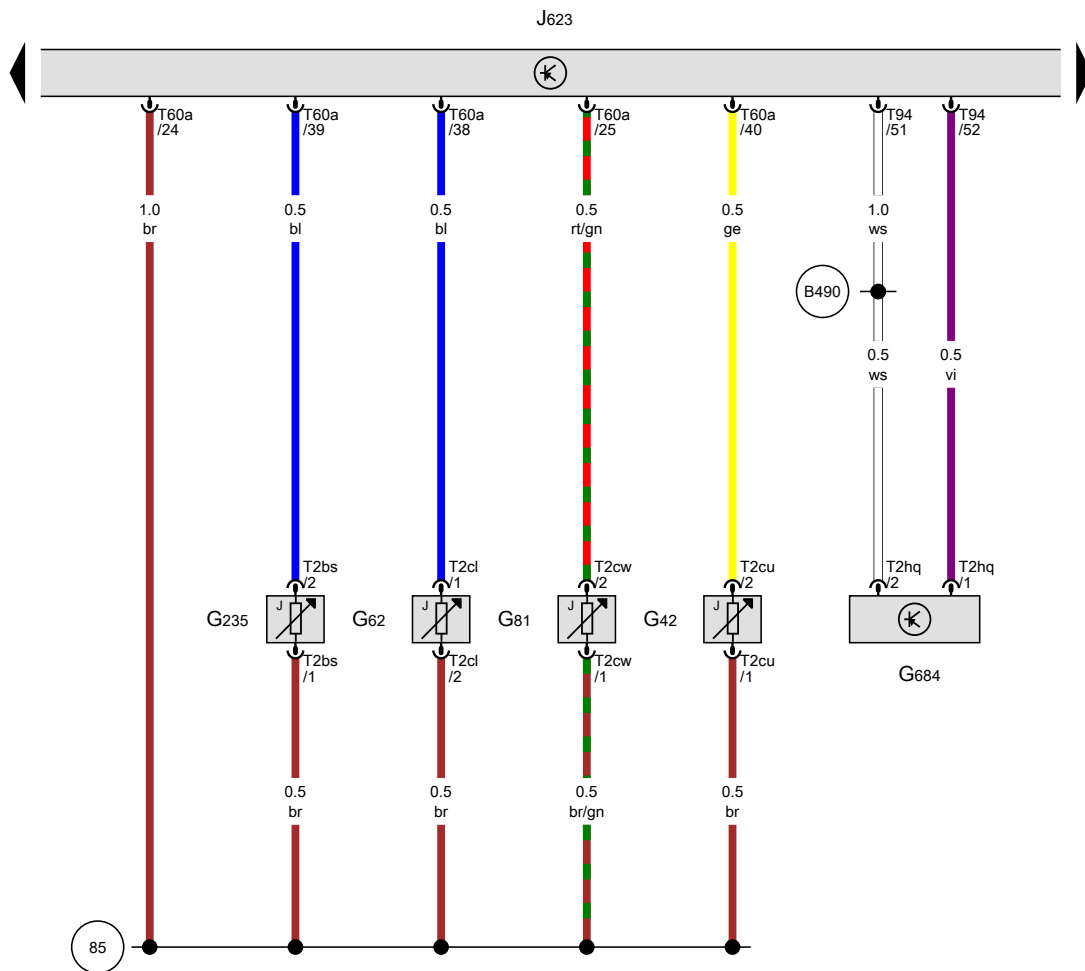
(D101) Connection 1 in engine compartment wiring harness

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



Pressure differential sender, Engine/motor control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

- G505 Pressure differential sender
- J623 Engine/motor control unit
- N30 Injector, cylinder 1
- N31 Injector, cylinder 2
- N32 Injector, cylinder 3
- N33 Injector, cylinder 4
- T2cd 2-pin connector, black
- T2ce 2-pin connector, black
- T2cg 2-pin connector, black
- T2ch 2-pin connector, black
- T3bo 3-pin connector, black
- T10e 10-pin connector, black
- T14b 14-pin connector, grey
- T60a 60-pin connector, black
- T94 94-pin connector, black

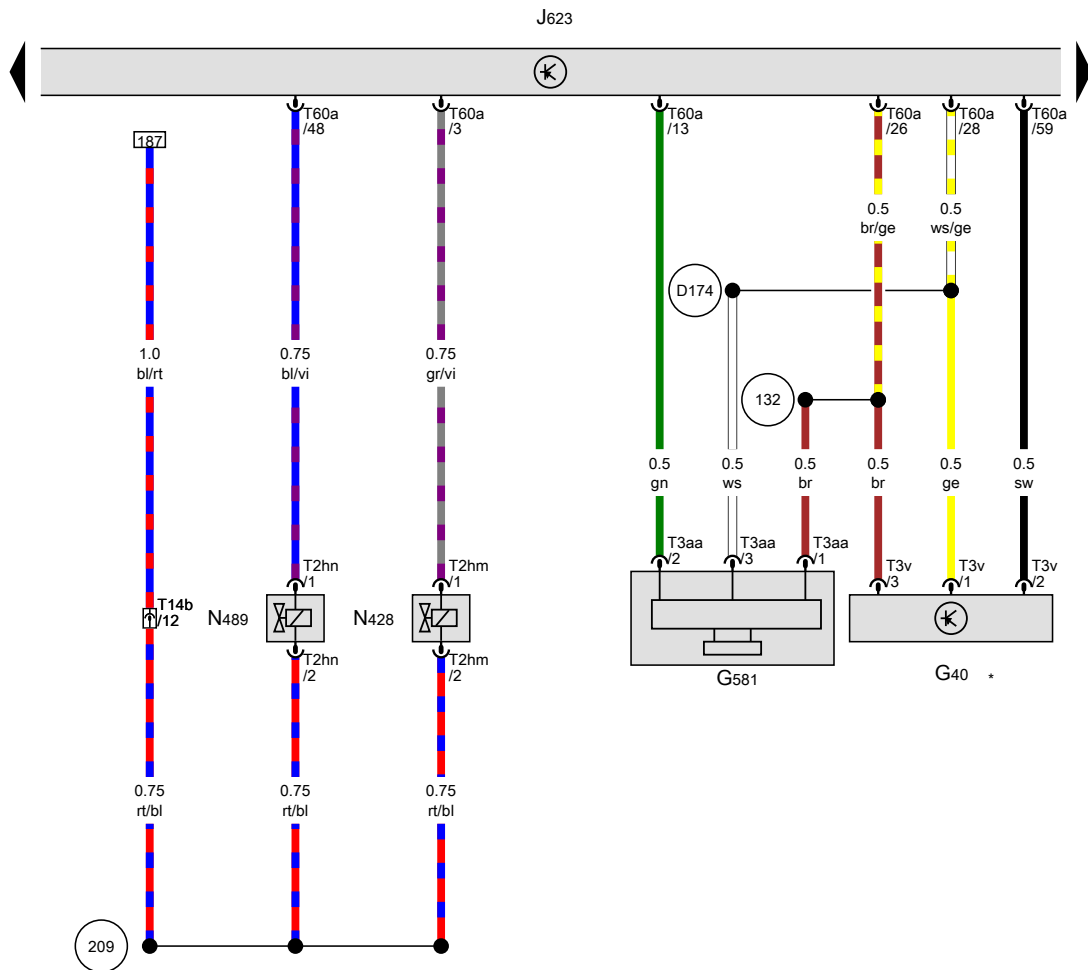


Intake air temperature sender, Coolant temperature sender, Fuel temperature sender, Exhaust gas temperature sender 1, Tank sender for reducing agent, Engine/motor control unit

- G42 Intake air temperature sender
- G62 Coolant temperature sender
- G81 Fuel temperature sender
- G235 Exhaust gas temperature sender 1
- G684 Tank sender for reducing agent
- J623 Engine/motor control unit
- T2bs 2-pin connector, brown
- T2cl 2-pin connector, black
- T2cu 2-pin connector, black
- T2cw 2-pin connector, black
- T2hq 2-pin connector, black
- T60a 60-pin connector, black
- T94 94-pin connector, black

- 85 Earth connection 1, in engine compartment wiring harness
- B490 Connection 26, 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



Hall sender, Position sender for charge pressure positioner, Engine/motor control unit, Valve for oil pressure control, Coolant valve for cylinder head

- G40 Hall sender
- G581 Position sender for charge pressure positioner
- J623 Engine/motor control unit
- N428 Valve for oil pressure control
- N489 Coolant valve for cylinder head
- T2hm 2-pin connector, brown
- T2hn 2-pin connector, blue
- T3aa 3-pin connector, black
- T3v 3-pin connector, black
- T14b 14-pin connector, grey
- T60a 60-pin connector, black

132 Earth connection 3, in engine compartment wiring harness

209 Earth connection 6, in engine compartment wiring harness

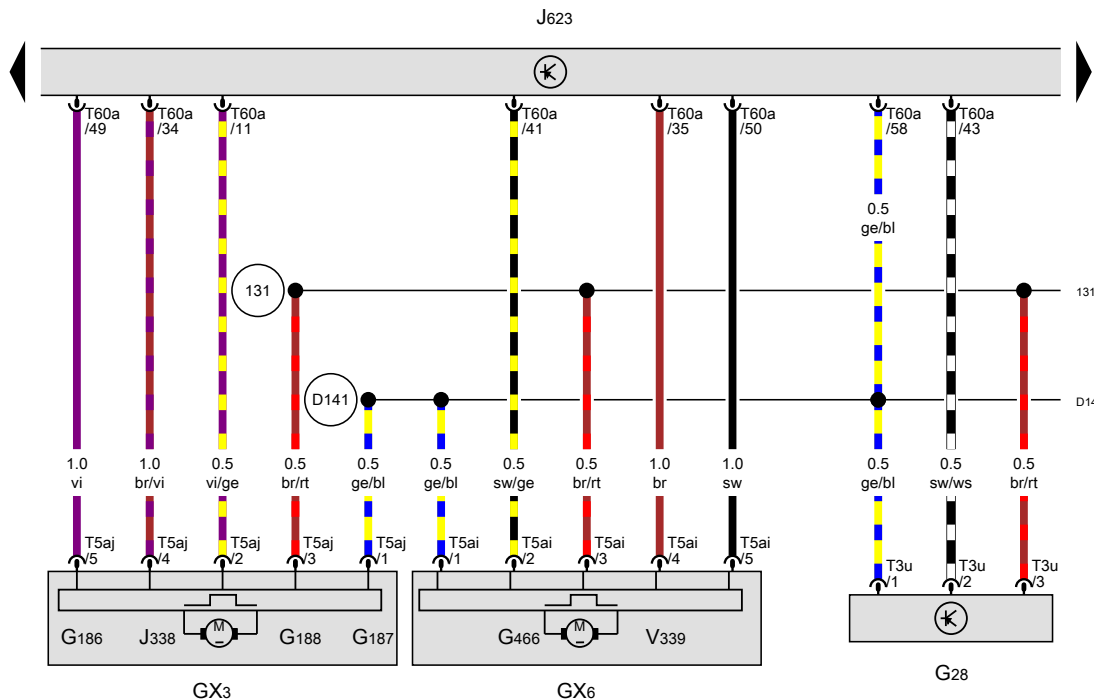
D174 Connection 2 (5V) in engine prewiring harness

* 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

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

17N2-077201219



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

- GX3 Throttle valve module
- GX6 Exhaust gas recirculation valve 2
- G28 Engine speed 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
- G466 Exhaust gas recirculation potentiometer 2
- J338 Throttle valve module
- J623 Engine/motor control unit
- T3u 3-pin connector, black
- T5ai 5-pin connector, black
- T5aj 5-pin connector, black
- T60a 60-pin connector, black
- V339 Exhaust gas recirculation control motor 2

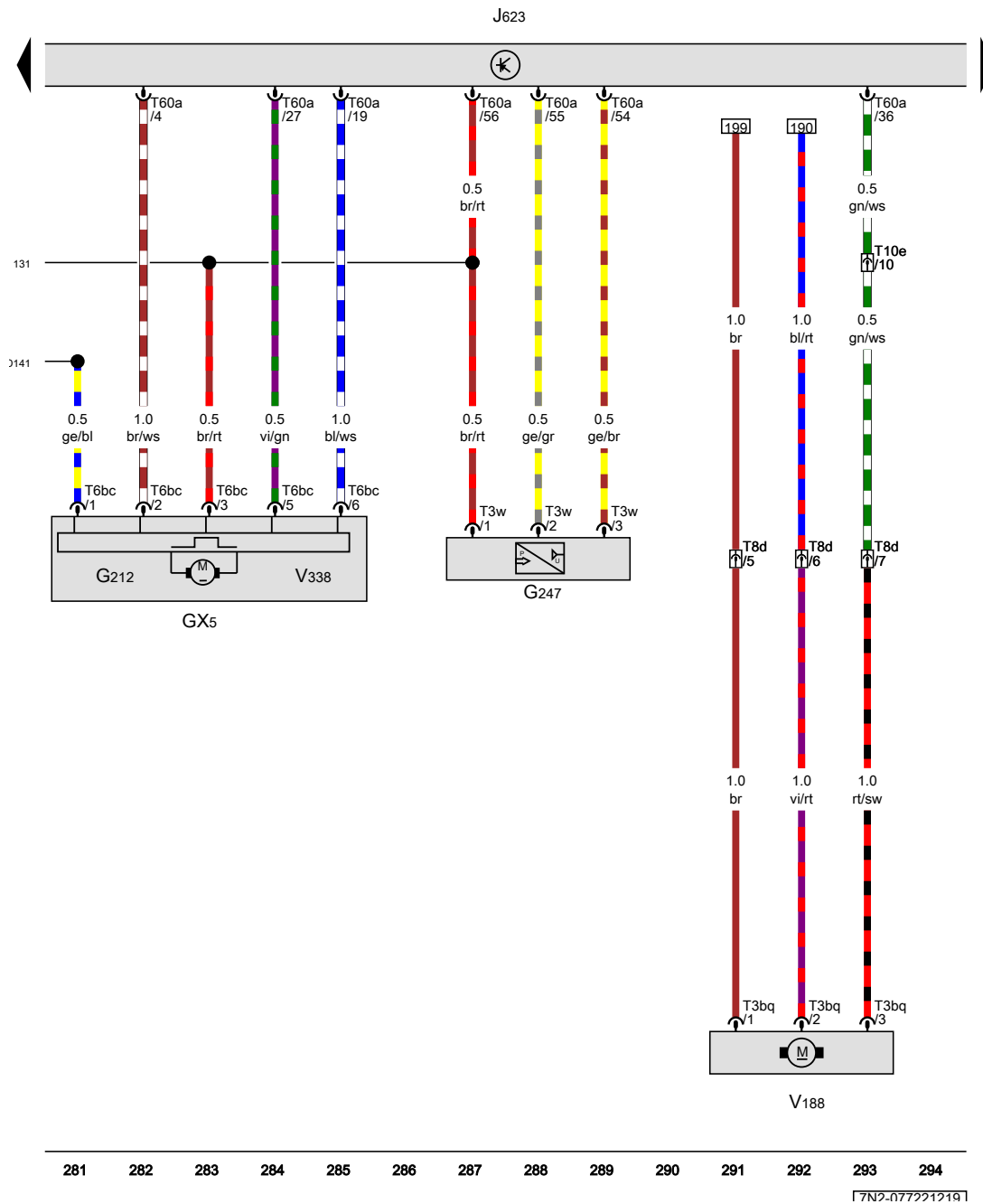
131 Earth connection 2, in engine compartment wiring harness

D141 Connection (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

267 268 269 270 271 272 273 274 275 276 277 278 279 280

[7N2-077211219]



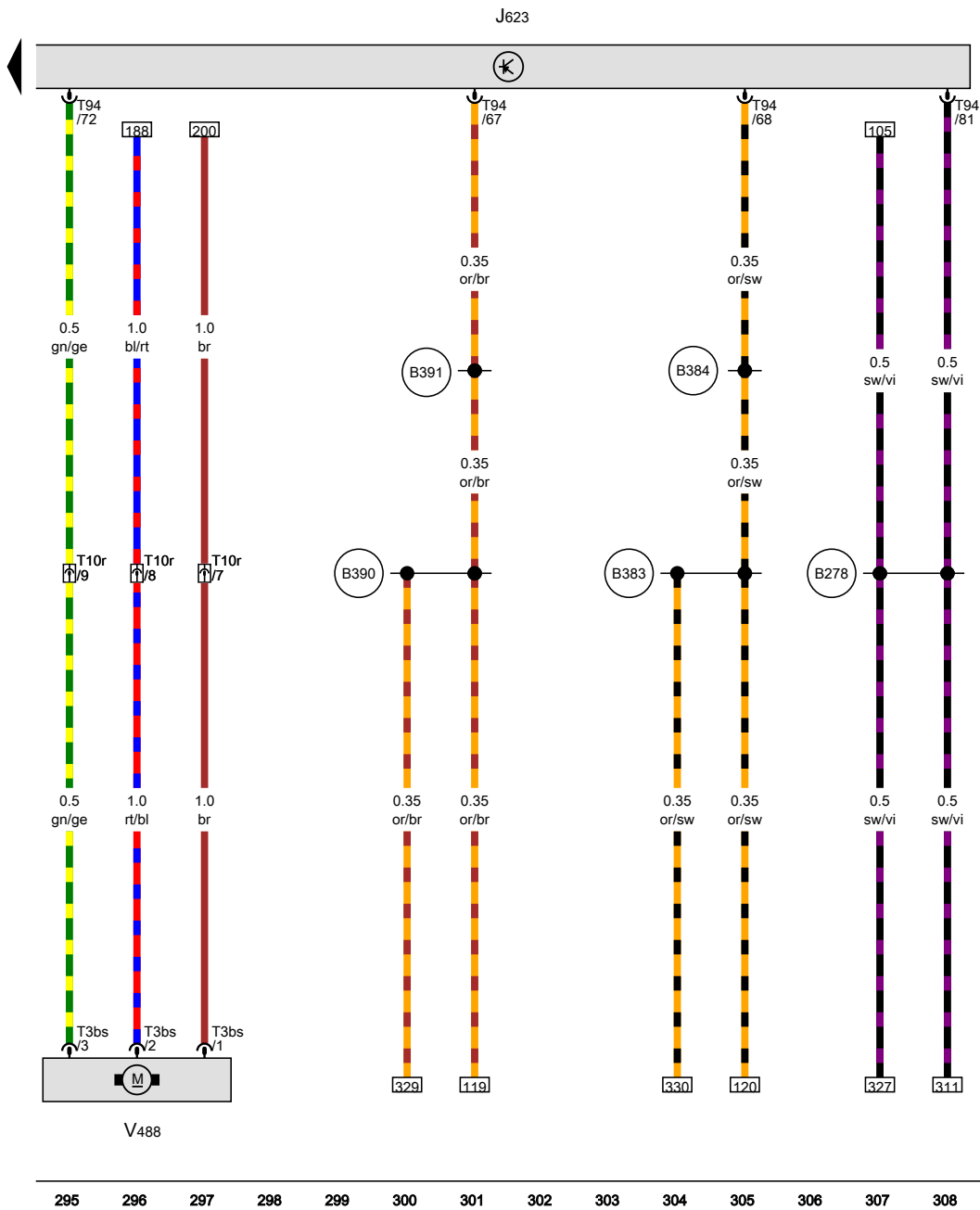
Exhaust gas recirculation valve 1, Fuel pressure sender, Engine/motor control unit, Charge air cooling pump

- GX5 Exhaust gas recirculation valve 1
- G212 Exhaust gas recirculation potentiometer
- G247 Fuel pressure sender
- J623 Engine/motor control unit
- T3bq 3-pin connector, black
- T3w 3-pin connector, black
- T6bc 6-pin connector, black
- T8d 8-pin connector, black
- T10e 10-pin connector, black
- T60a 60-pin connector, black
- V188 Charge air cooling pump
- V338 Exhaust gas recirculation control motor

131 Earth connection 2, in engine compartment wiring harness

D141 Connection (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

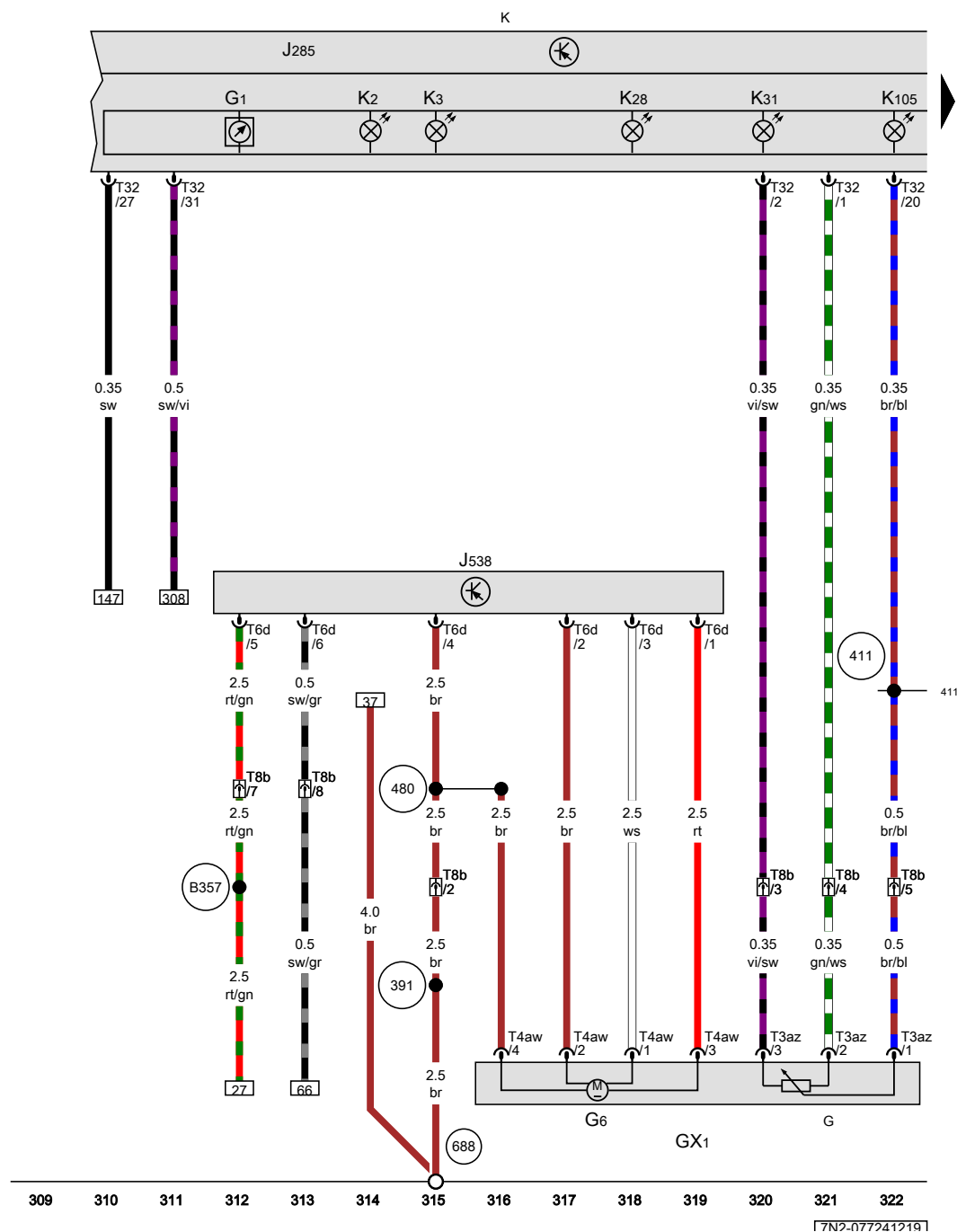


Engine/motor control unit, Auxiliary pump for heating

J623 Engine/motor control unit
T3bs 3-pin connector, black
T10r 10-pin connector, black
T94 94-pin connector, black
V488 Auxiliary pump for heating

- B278 Positive connection 2 (15a) in main wiring harness
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B384 Connection 2 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- B391 Connection 2 (powertrain 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

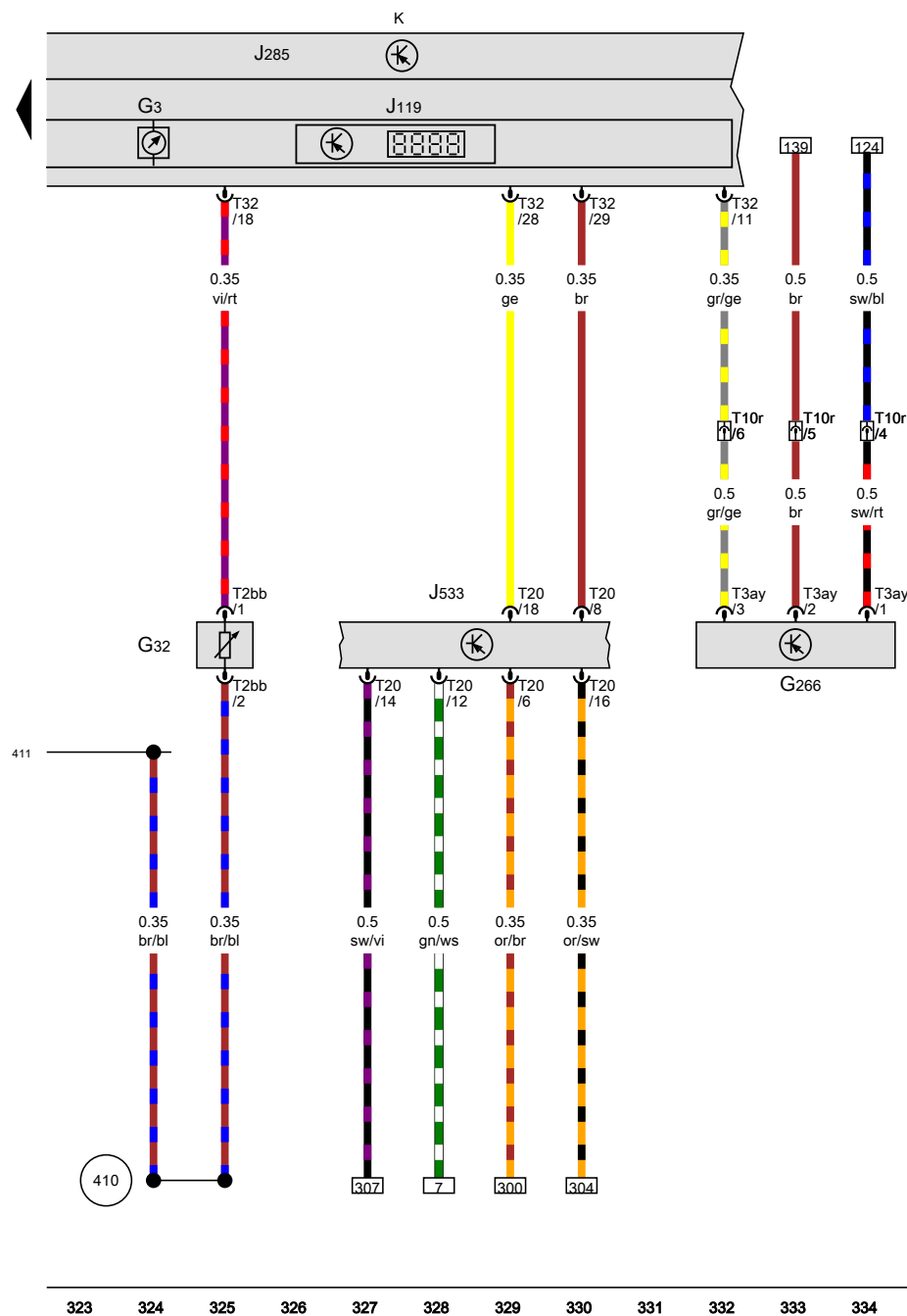


Fuel delivery unit, Control unit in dash panel insert, Fuel pump control unit

- G Fuel gauge sender
- GX1 Fuel delivery unit
- G1 Fuel gauge
- G6 Fuel system pressurisation pump
- J285 Control unit in dash panel insert
- J538 Fuel pump control unit
- K Dash panel insert
- K2 Alternator warning lamp
- K3 Oil pressure warning lamp
- K28 Coolant temperature and coolant shortage warning lamp
- K31 Cruise control system warning lamp
- K105 Reserve fuel warning lamp
- T3az 3-pin connector, black
- T4aw 4-pin connector, black
- T6d 6-pin connector, black
- T8b 8-pin connector, black
- T32 32-pin connector, blue

- 391 Earth connection 26, in main wiring harness
- 411 Earth connection 2 (sender earth) in main wiring harness
- 480 Earth connection, in fuel tank wiring harness
- 688 Earth point 2, on centre tunnel
- B357 Positive connection 8 (87a) 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

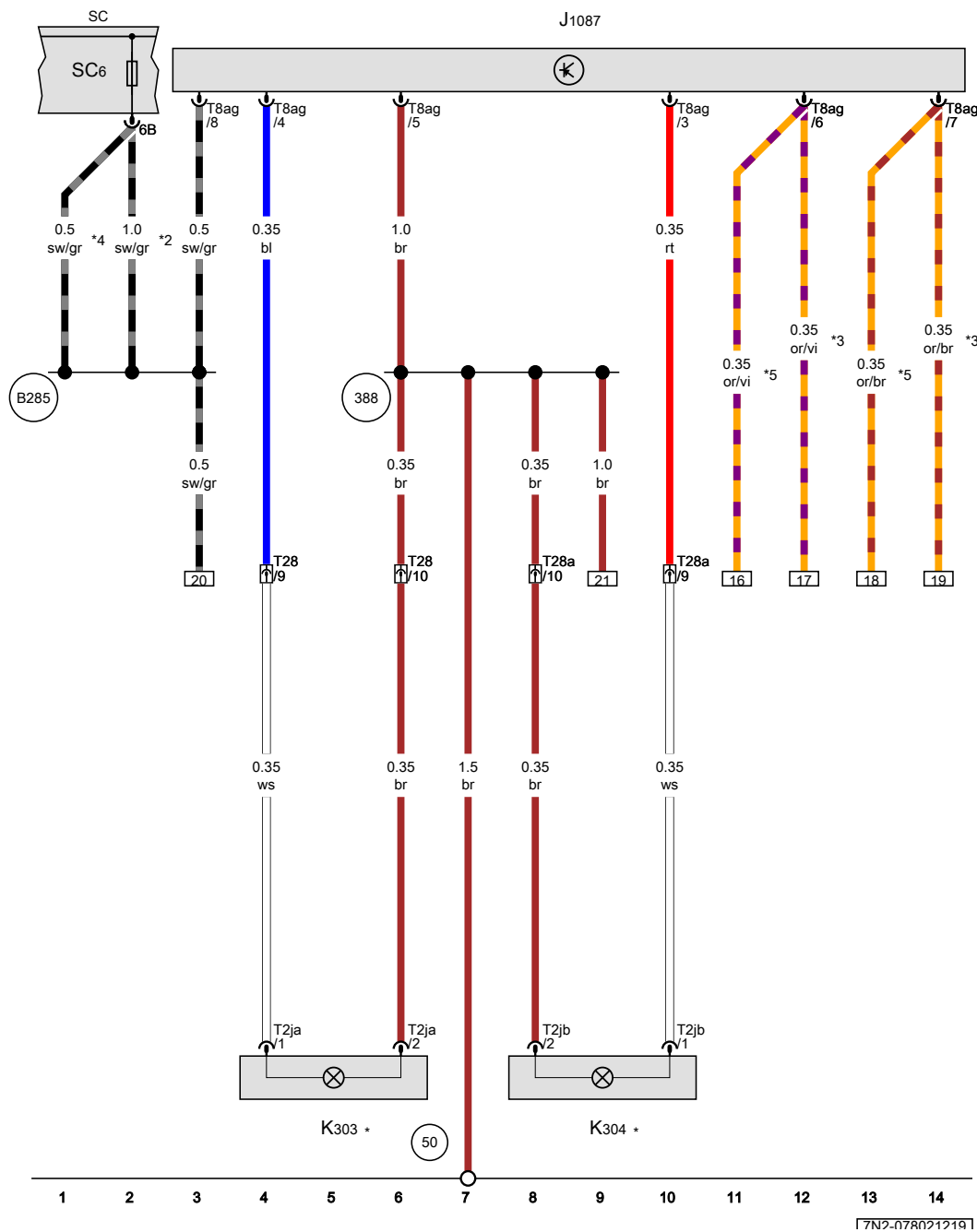


17N2-0772512191

ws = white
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

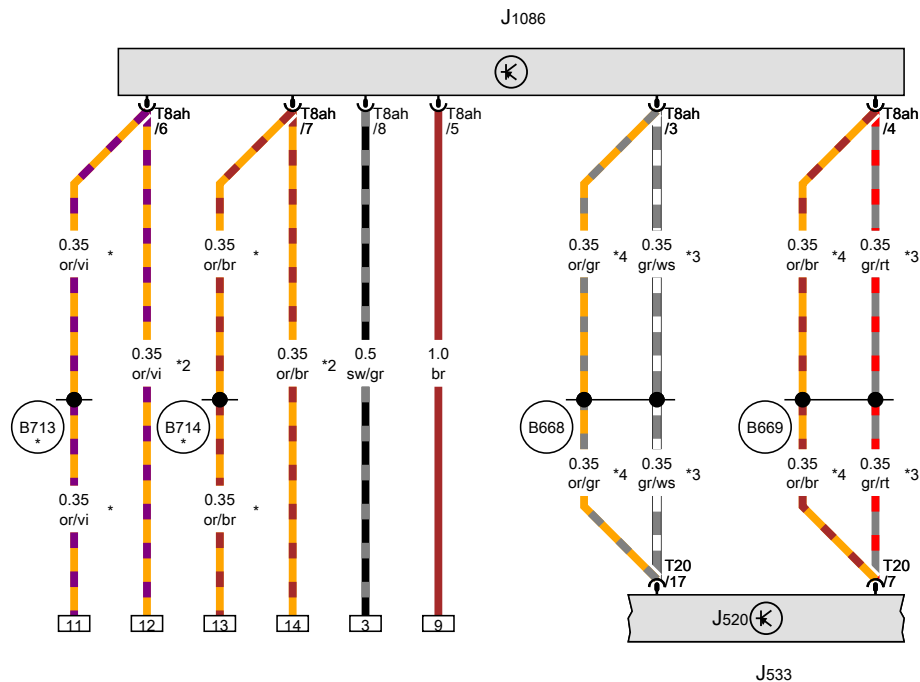
From May 2015



Blind Spot Monitor control unit 2, Blind Spot Monitor warning lamp in left exterior mirror, Blind Spot Monitor warning lamp in right exterior mirror

- J1087 Blind Spot Monitor control unit 2
- K303 Blind Spot Monitor warning lamp in left exterior mirror
- K304 Blind Spot Monitor warning lamp in right exterior mirror
- SC Fuse holder C
- SC6 Fuse 6 on fuse holder C
- T2ja 2-pin connector, black
- T2jb 2-pin connector, black
- T8ag 8-pin connector, black
- T28 28-pin connector, on lower section of left A-pillar, black
- T28a 28-pin connector, on lower section of right A-pillar, black

- 50 Earth point, on left in luggage compartment
- 388 Earth connection 23, in main wiring harness
- B285 Positive connection 9 (15a) in main wiring harness
- * Pre-wired component
- *2 Up to May 2017
- *3 Up to November 2016
- *4 From May 2017
- *5 From November 2016



Onboard supply control unit 2, Data bus diagnostic interface, Blind Spot Monitor control unit

J520 Onboard supply control unit 2
J533 Data bus diagnostic interface
J1086 Blind Spot Monitor control unit
T8ah 8-pin connector, black
T20 20-pin connector, red

- B668 Connection 2 (CAN bus extended high), in main wiring harness
- B669 Connection 2 (CAN bus extended low), in main wiring harness
- B713 Connection 1 (CAN bus diagnosis, high), in main wiring harness
- B714 Connection 1 (CAN bus diagnosis, low), in main wiring harness

* From November 2016
*2 Up to November 2016
*3 Up to May 2016
*4 From May 2016

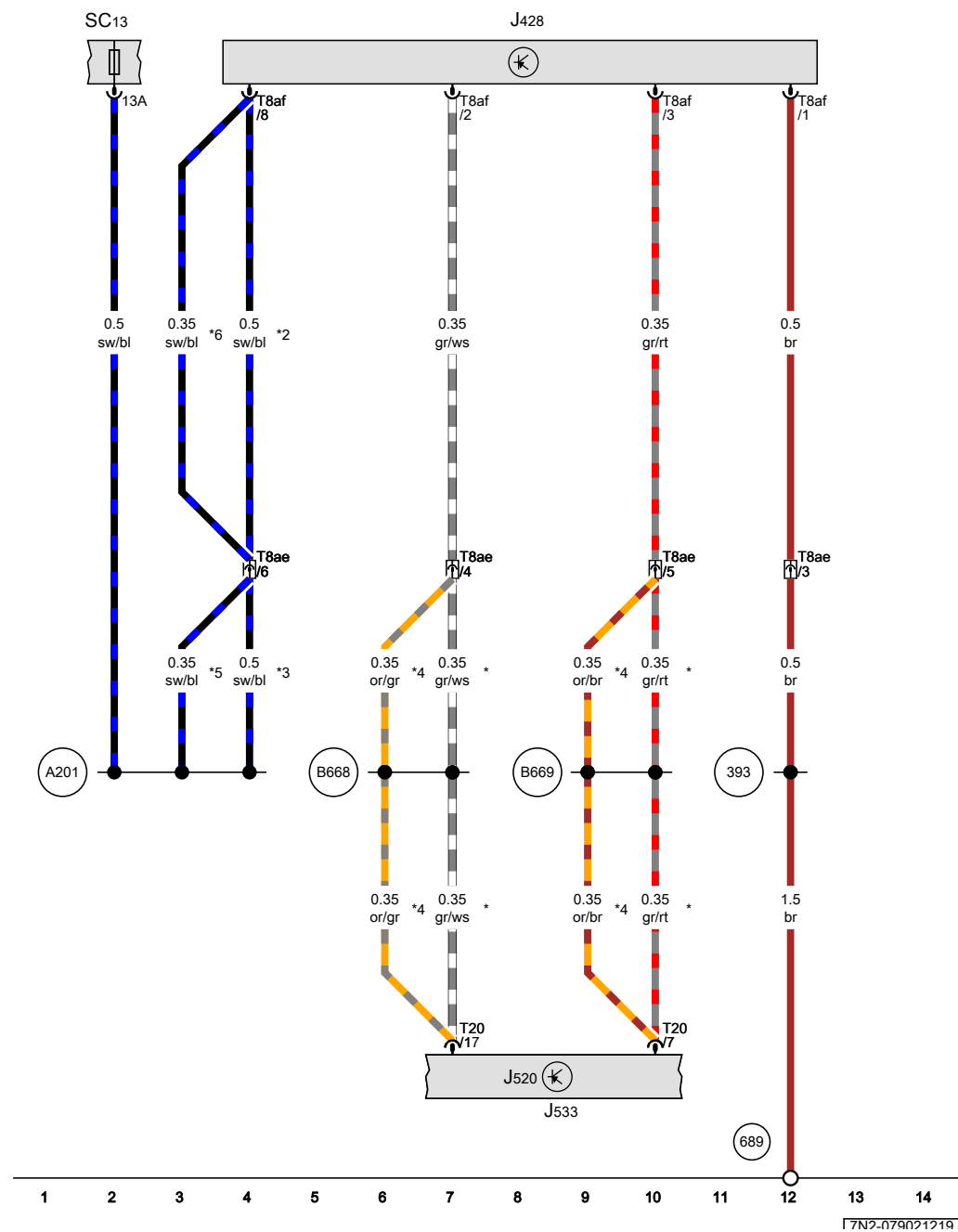
ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
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rs = pink

Adaptive cruise control

From May 2015

Adaptive cruise control unit, Onboard supply control unit 2,
Data bus diagnostic interface

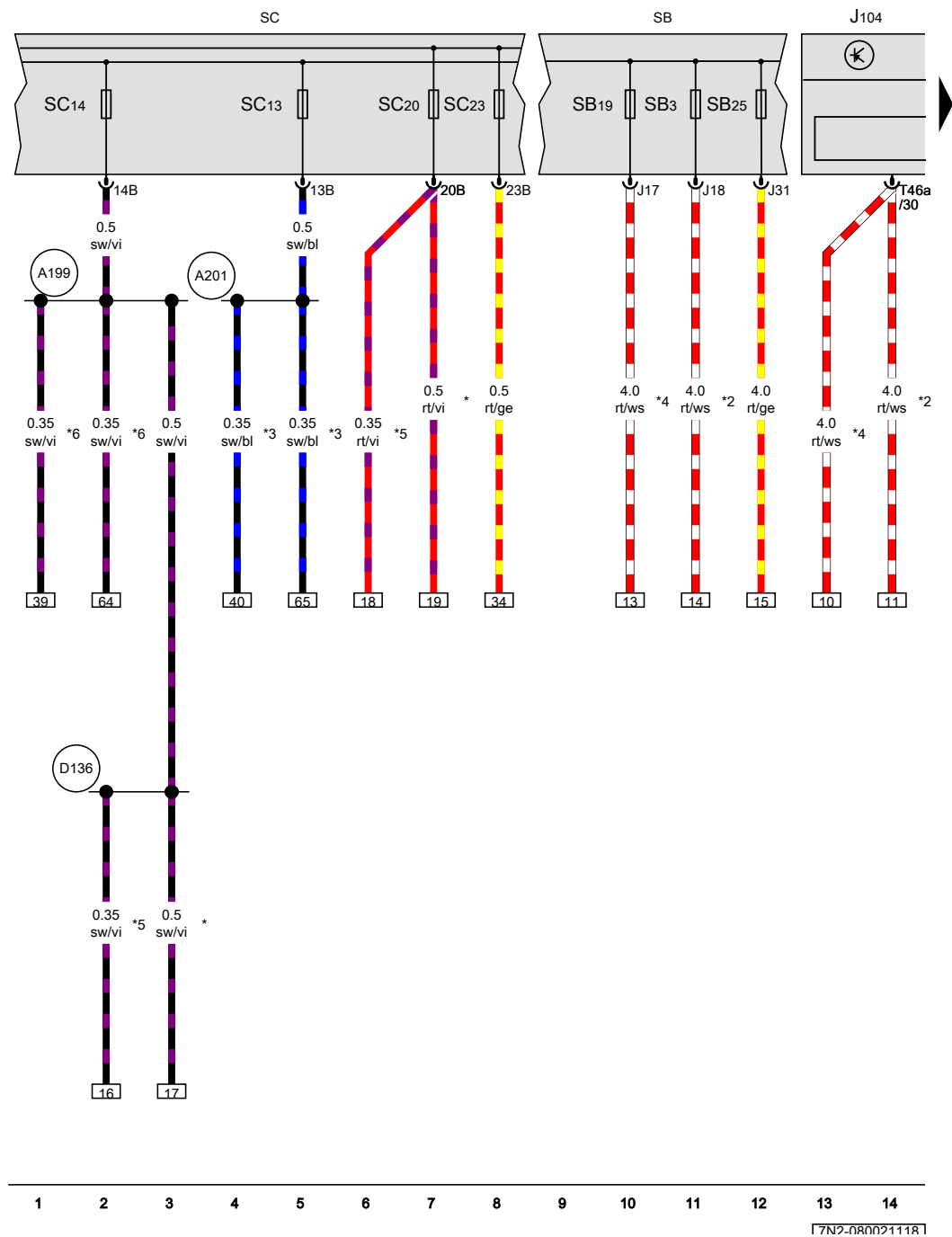
- J428 Adaptive cruise control unit
J520 Onboard supply control unit 2
J533 Data bus diagnostic interface
SC13 Fuse 13 on fuse holder C
T8ae 8-pin connector, black, front left in engine compartment
T8af 8-pin connector, black
T20 20-pin connector, red
- 393 Earth connection 28, in main wiring harness
689 Earth point, at front, central in roof
A201 Positive connection 6 (15a) in dash panel wiring harness
B668 Connection 2 (CAN bus extended high), in main wiring harness
B669 Connection 2 (CAN bus extended low), in main wiring harness
- * Up to May 2016
*2 Up to July 2018
*3 Up to May 2017
*4 From May 2016
*5 From May 2017
*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

Anti-lock brake system (ABS)

From May 2015



ABS control unit, Fuse holder B, Fuse holder C

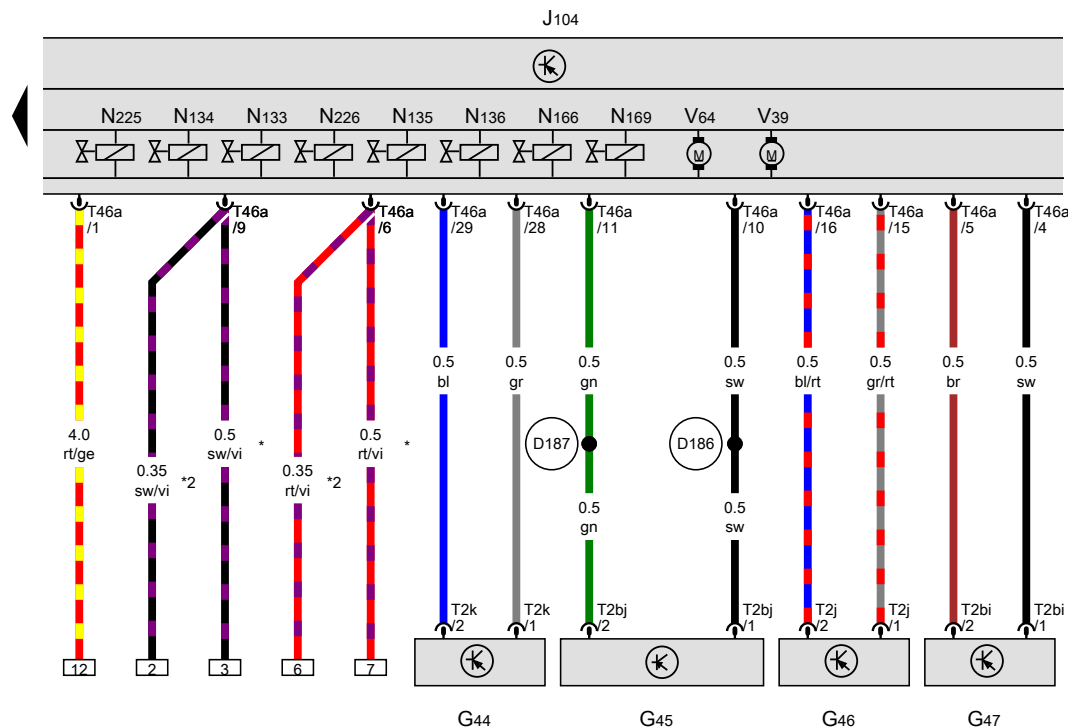
- J104 ABS control unit
- SB Fuse holder B
- SB3 Fuse 3 on fuse holder B
- SC Fuse holder C
- SC13 Fuse 13 on fuse holder C
- SC14 Fuse 14 on fuse holder C
- SB19 Fuse 19 on fuse holder B
- SC20 Fuse 20 on fuse holder C
- SC23 Fuse 23 on fuse holder C
- SB25 Fuse 25 on fuse holder B
- T46a 46-pin connector, black

A199 Positive connection 4 (15a) in dash panel wiring harness

A201 Positive connection 6 (15a) in dash panel wiring harness

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

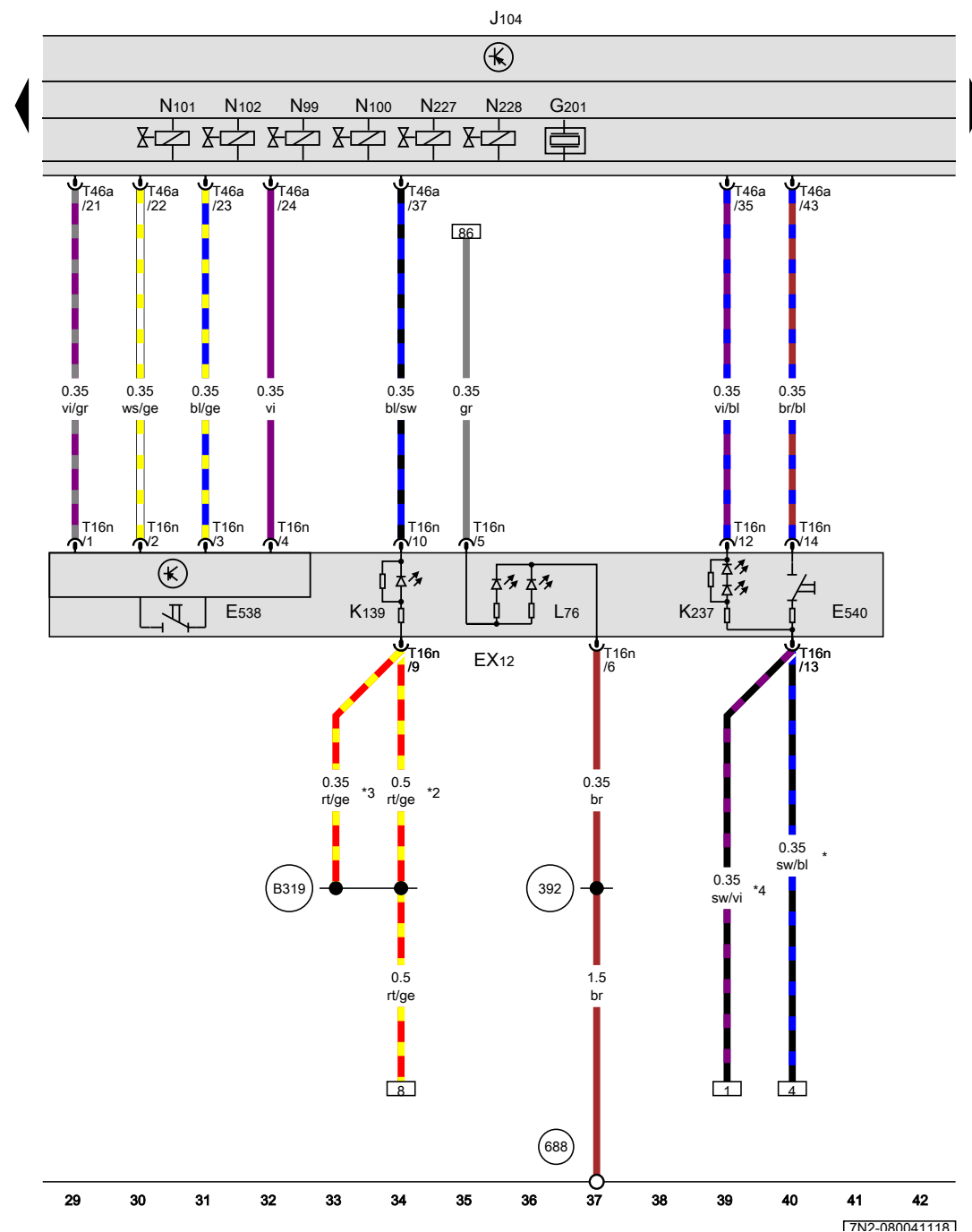
- * Up to May 2016
- *2 Up to November 2015
- *3 Up to November 2016
- *4 From November 2015
- *5 From May 2016
- *6 From November 2016



Rear right speed sensor, Front right speed sensor, Rear left speed sensor, Front left speed sensor, ABS control unit

- G44 Rear right speed sensor
- G45 Front right speed sensor
- G46 Rear left speed sensor
- G47 Front left speed sensor
- J104 ABS control unit
- N133 Rear right ABS inlet valve
- N134 Rear left ABS inlet valve
- N135 Rear right ABS outlet valve
- N136 Rear left ABS outlet valve
- N166 Front right EDL changeover valve
- N169 Front left EDL outlet valve
- N225 Vehicle stabilization program switch valve 1
- N226 Vehicle stabilization program switch valve 2
- T2bi 2-pin connector, black
- T2bj 2-pin connector, black
- T2j 2-pin connector, black
- T2k 2-pin connector, black
- T46a 46-pin connector, black
- V39 ABS return flow pump
- V64 ABS hydraulic pump
- D186 Connection (front right speed sensor +), in engine compartment wiring harness
- D187 Connection (front right speed sensor -), in engine compartment wiring harness
- * Up to May 2016
- *2 From May 2016

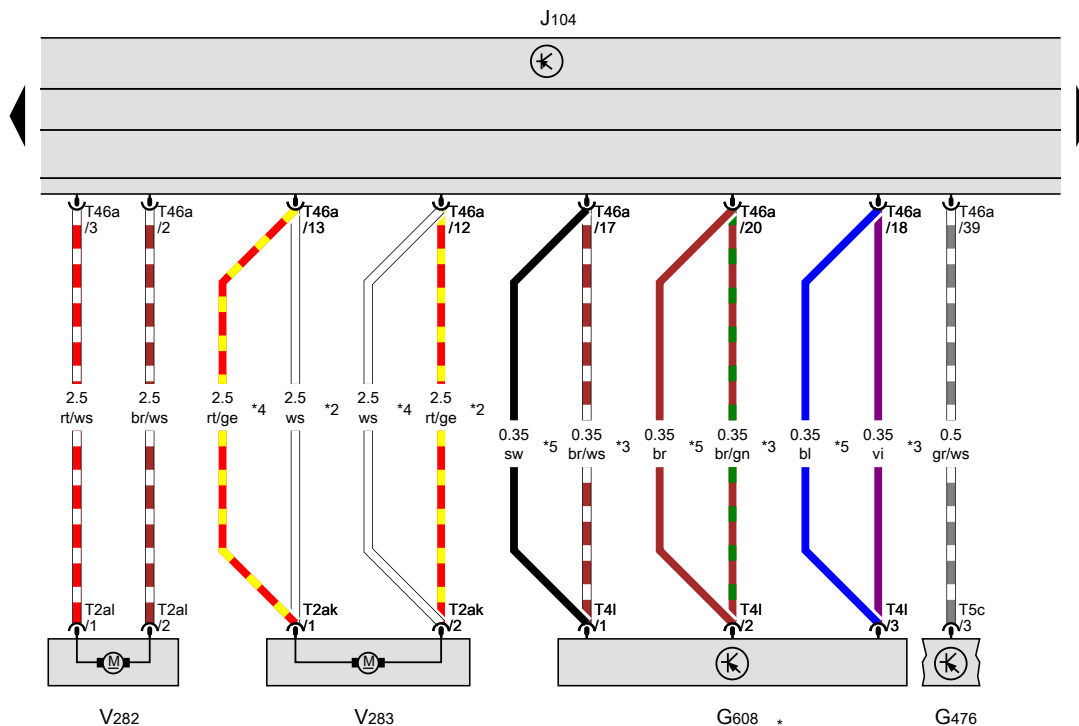
ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink



Parking brake button, Electromechanical parking brake button, Auto-hold button, ABS control unit

- EX12 Parking brake button
- E538 Electromechanical parking brake button
- E540 Auto-hold button
- G201 Brake pressure sender 1
- J104 ABS control unit
- K139 Handbrake warning lamp
- 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
- T16n 16-pin connector, black
- T46a 46-pin connector, black

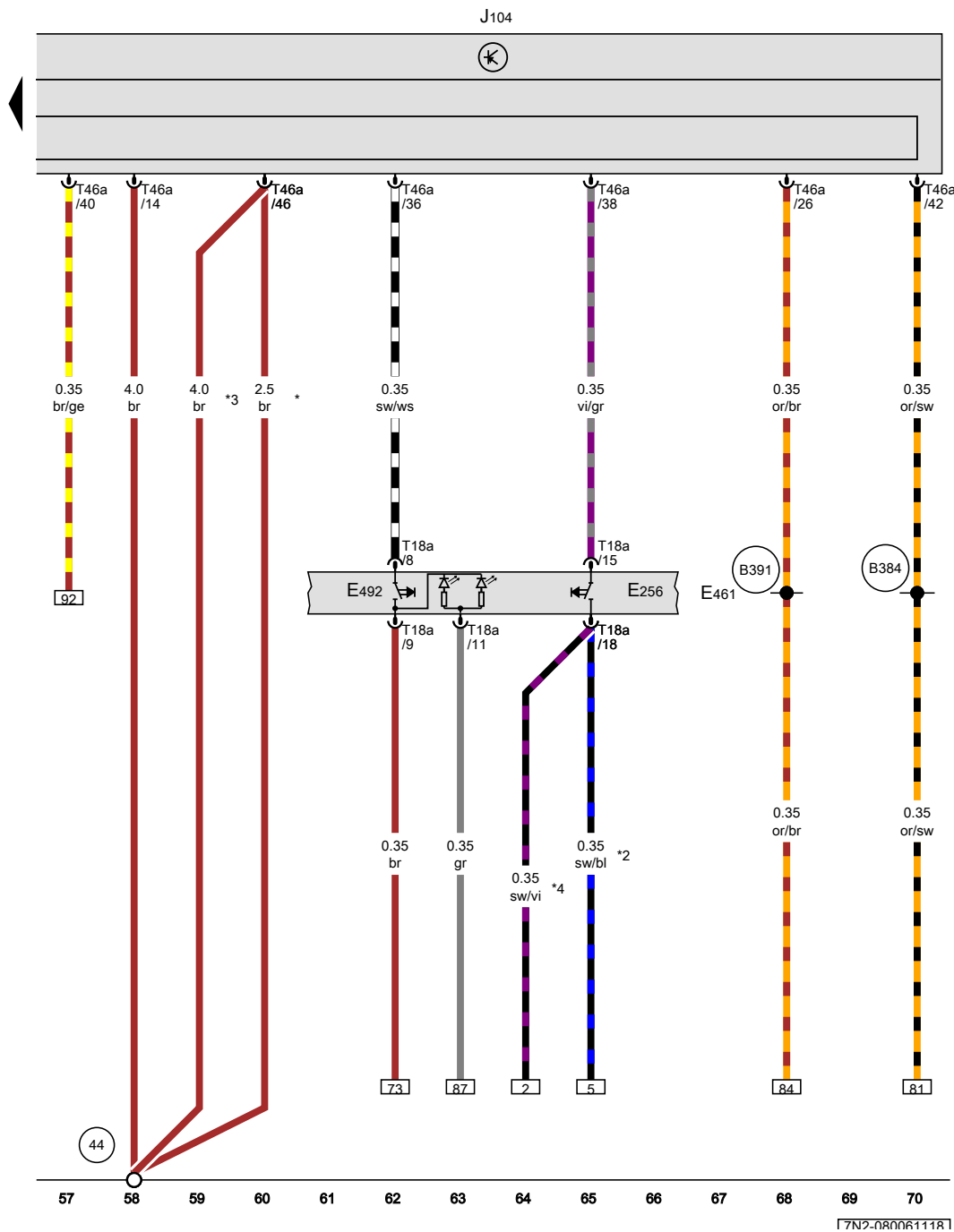
- 392 Earth connection 27, in main wiring harness
- 688 Earth point 2, on centre tunnel
- B319 Positive connection 5 (30a) in main wiring harness
- * Up to November 2016
- *2 Up to May 2016
- *3 From May 2016
- *4 From November 2016



Clutch position sender, Vacuum sender, ABS control unit,
Left parking brake motor, Right parking brake motor

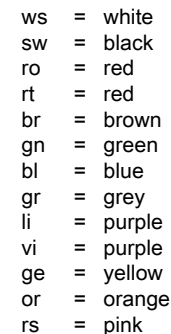
- G476 Clutch position sender
- G608 Vacuum sender
- J104 ABS control unit
- T2ak 2-pin connector, black
- T2al 2-pin connector, black
- T4l 4-pin connector, black
- T5c 5-pin connector, black
- T46a 46-pin connector, black
- V282 Left parking brake motor
- V283 Right parking brake motor
- * For models with hydraulic brake servo (HBS)
- *2 Up to November 2015
- *3 Up to May 2016
- *4 From November 2015
- *5 From May 2016

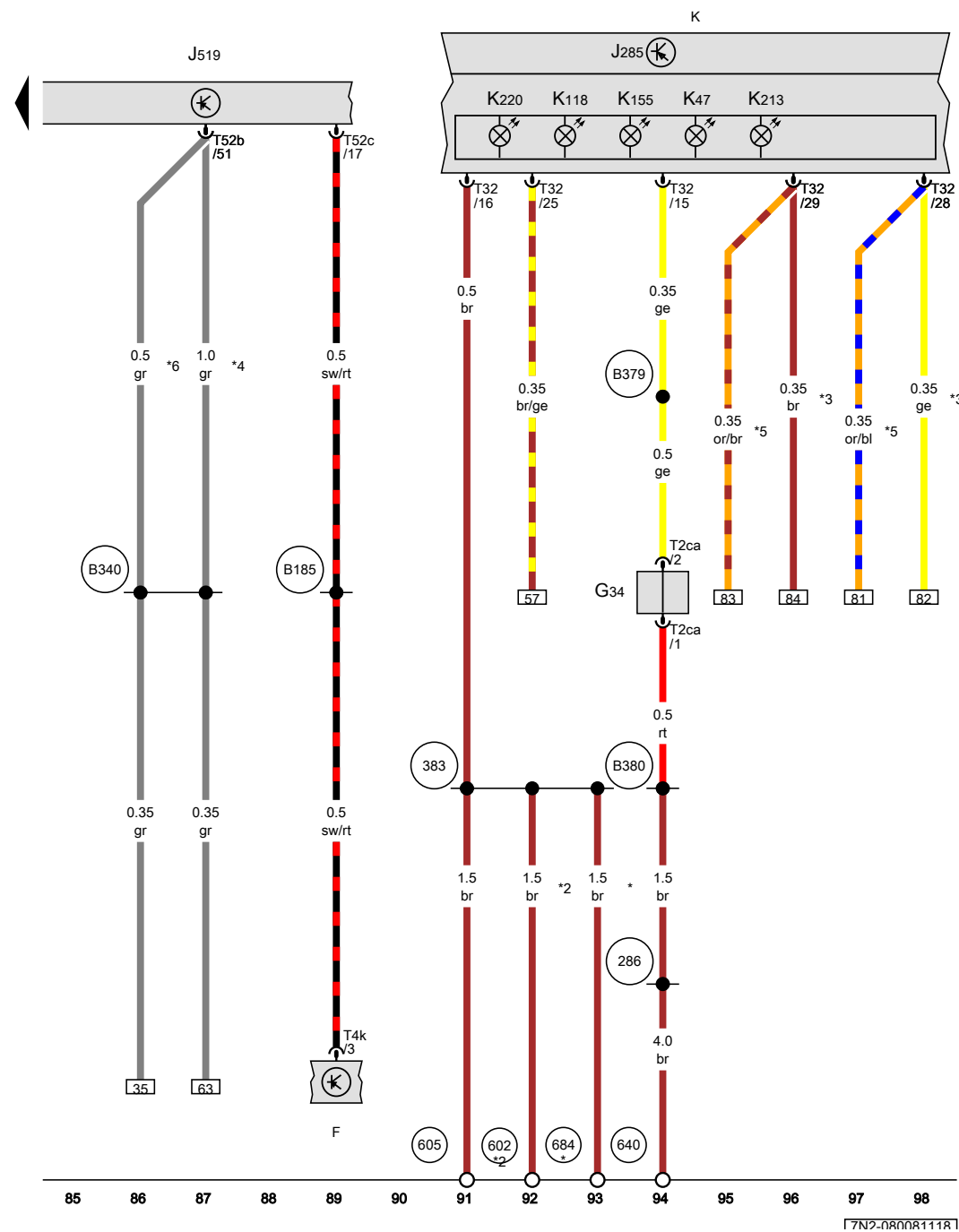
ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink



Button for TCS and electronic stabilisation program,
Operating unit in front of centre console, Tyre Pressure Loss
Indicator button, ABS control unit

- E256 Button for TCS and electronic stabilisation program
- E461 Operating unit in front of centre console
- E492 Tyre Pressure Loss Indicator button
- J104 ABS control unit
- T18a 18-pin connector, black
- T46a 46-pin connector, black
- 44 Earth point, lower part of left A-pillar
- B384 Connection 2 (powertrain CAN bus, high), in main wiring harness
- B391 Connection 2 (powertrain CAN bus, low), in main wiring harness
- * Up to November 2015
- *2 Up to November 2016
- *3 From November 2015
- *4 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

Front left brake pad wear sender, Control unit in dash panel insert, Onboard supply control unit, Dash panel insert

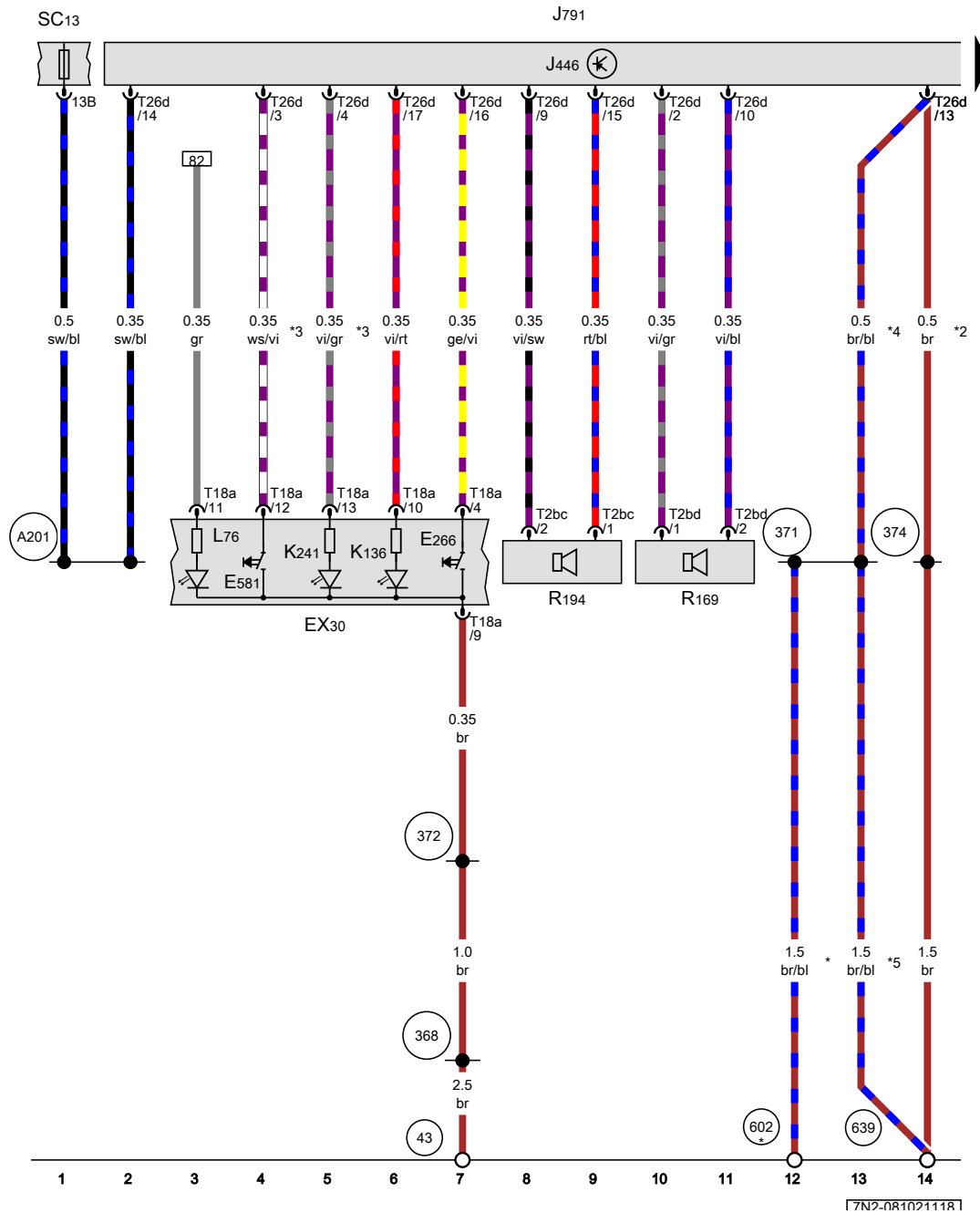
- F Brake light switch
- G34 Front left brake pad wear sender
- J285 Control unit in dash panel insert
- J519 Onboard supply control unit
- K Dash panel insert
- K47 ABS warning lamp
- K118 Brake system warning lamp
- K155 Warning lamp for electronic stabilisation program and TCS
- K213 Electromechanical parking brake warning lamp
- K220 Tyre Pressure Loss Indicator warning lamp
- T2ca 2-pin connector, black
- T4k 4-pin connector, black
- T32 32-pin connector, black
- T52b 52-pin connector, colourless
- T52c 52-pin connector, colourless

- 286 Earth connection 8, in interior wiring harness
- 383 Earth connection 18, in main wiring harness
- 602 Earth point, in front left footwell
- 605 Earth point, on top end of steering column
- 640 Earth point 2, left in engine compartment
- 684 Earth point on front of left side member
- B185 Connection 2 (54), in interior wiring harness
- B340 Connection 1 (58d), in main wiring harness
- B379 Connection 1 (brake pad wear indicator), in main wiring harness
- B380 Connection 2 (brake pad wear indicator), in main wiring harness

- * Up to November 2018
- *2 From November 2018
- *3 Up to May 2016
- *4 Up to May 2017
- *5 From May 2016
- *6 From May 2017

Parking aid (PDC)

From May 2015



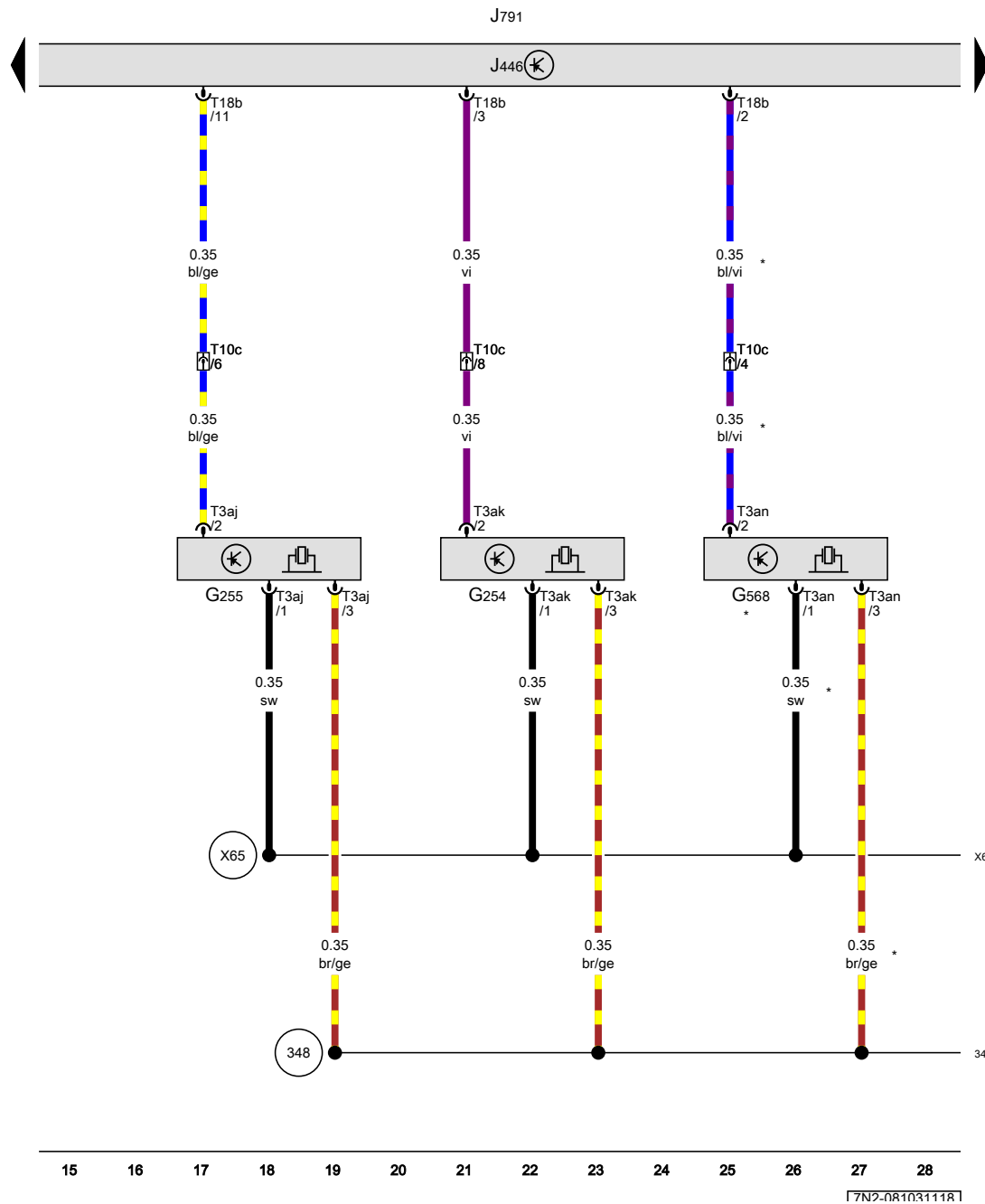
Switch module 2 in centre console, Parking aid control unit, Park assist steering control unit, Parking aid loudspeaker, Rear loudspeaker for parking aid, Fuse 13 on fuse holder C

- EX30 Switch module 2 in centre console
- E266 Parking aid button
- E581 Park assist steering button
- J446 Parking aid control unit
- J791 Park assist steering control unit
- K136 Parking aid warning lamp
- K241 Warning light for park assist steering
- L76 Button illumination bulb
- R169 Parking aid loudspeaker
- R194 Rear loudspeaker for parking aid
- SC13 Fuse 13 on fuse holder C
- T2bc 2-pin connector, black
- T2bd 2-pin connector, black
- T18a 18-pin connector, black
- T26d 26-pin connector, black

- 43 Earth point, lower part of right A-pillar
- 368 Earth connection 3, in main wiring harness
- 371 Earth connection 6, in main wiring harness
- 372 Earth connection 7, in main wiring harness
- 374 Earth connection 9, in main wiring harness
- 602 Earth point, in front left footwell
- 639 Earth point, left A-pillar
- A201 Positive connection 6 (15a) in dash panel wiring harness

- * From November 2018
- *2 Up to November 2016
- *3 For models with park assist steering
- *4 From November 2016
- *5 Up to November 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



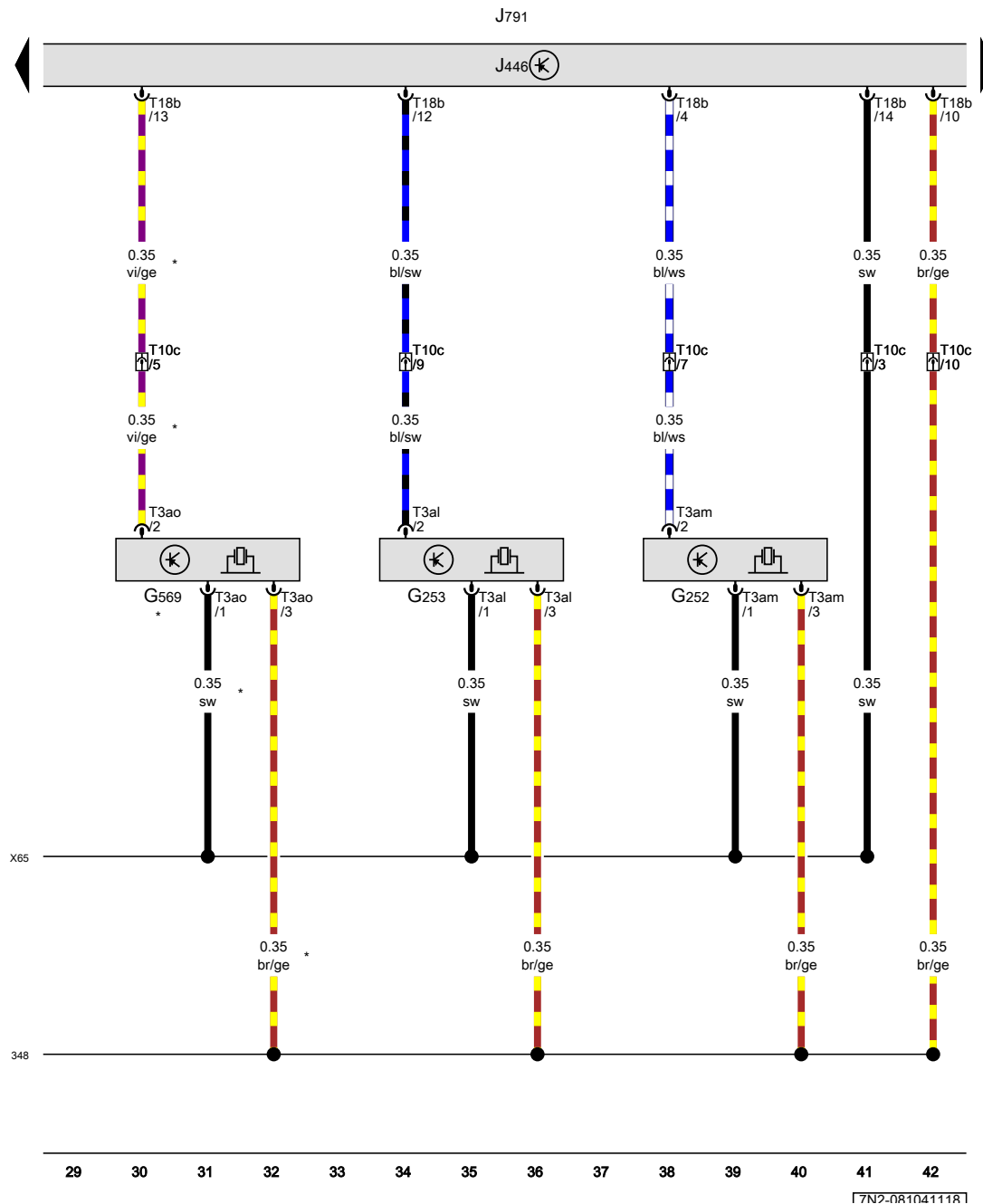
Front centre left parking aid sender, Front left parking aid sender, Front left sender for park assist steering on left side of vehicle, Parking aid control unit, Park assist steering control unit

- G254 Front centre left parking aid sender
- G255 Front left parking aid sender
- G568 Front left sender for park assist steering on left side of vehicle
- J446 Parking aid control unit
- J791 Park assist steering control unit
- T3aj 3-pin connector, black
- T3ak 3-pin connector, black
- T3an 3-pin connector, black
- T10c 10-pin connector, black
- T18b 18-pin connector, black

348 Earth connection (parking aid), in front bumper wiring harness

X65 Connection (parking aid), in front bumper wiring harness

* For models with park assist steering



Front right parking aid sender, Front centre right parking aid sender, Front right sender for park assist steering on right side of vehicle, Parking aid control unit, Park assist steering control unit

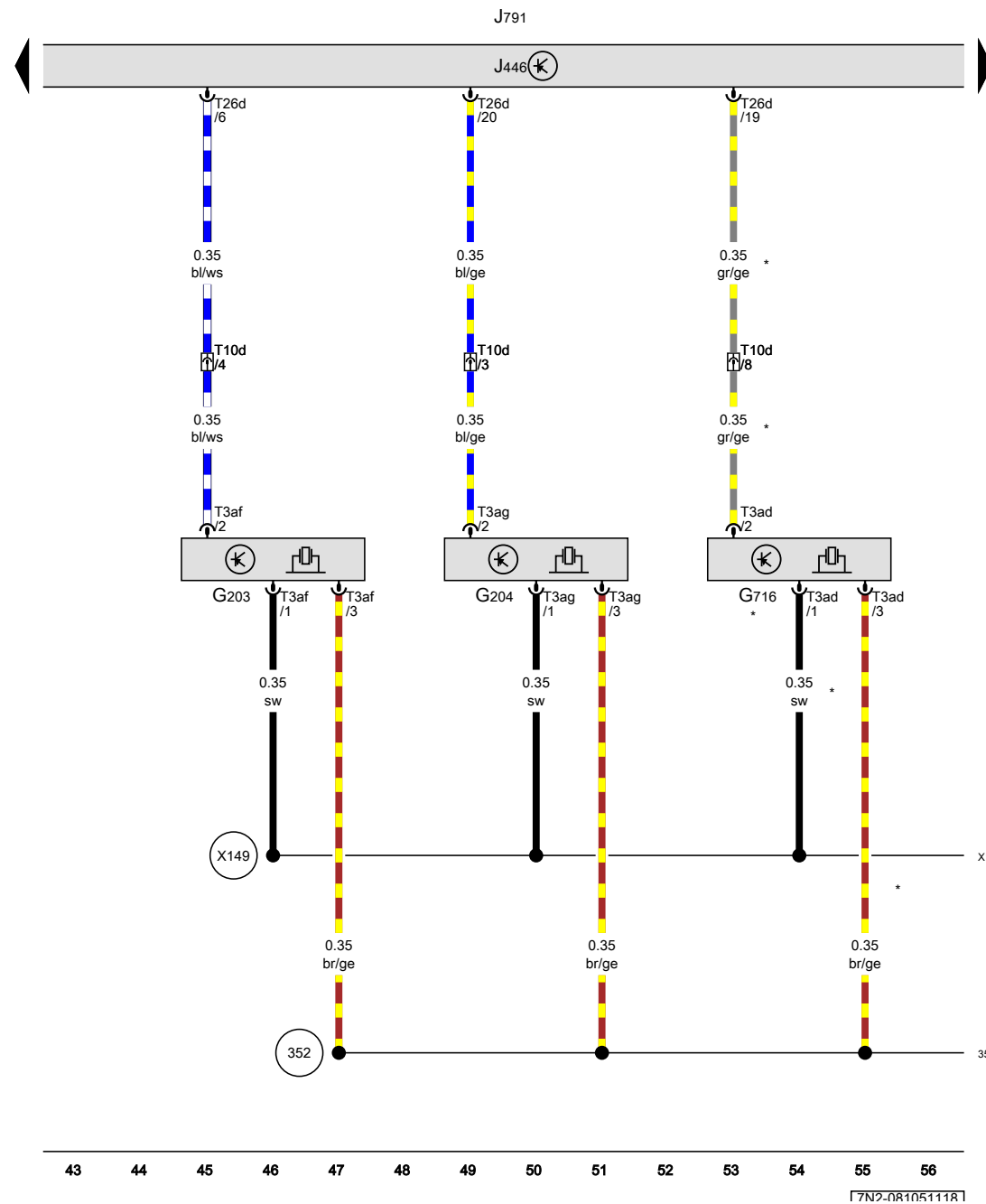
- G252 Front right parking aid sender
- G253 Front centre right parking aid sender
- G569 Front right sender for park assist steering on right side of vehicle
- J446 Parking aid control unit
- J791 Park assist steering control unit
- T3al 3-pin connector, black
- T3am 3-pin connector, black
- T3ao 3-pin connector, black
- T10c 10-pin connector, black
- T18b 18-pin connector, black

348 Earth connection (parking aid), in front bumper wiring harness

X65 Connection (parking aid), in front bumper wiring harness

* For models with park assist steering

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



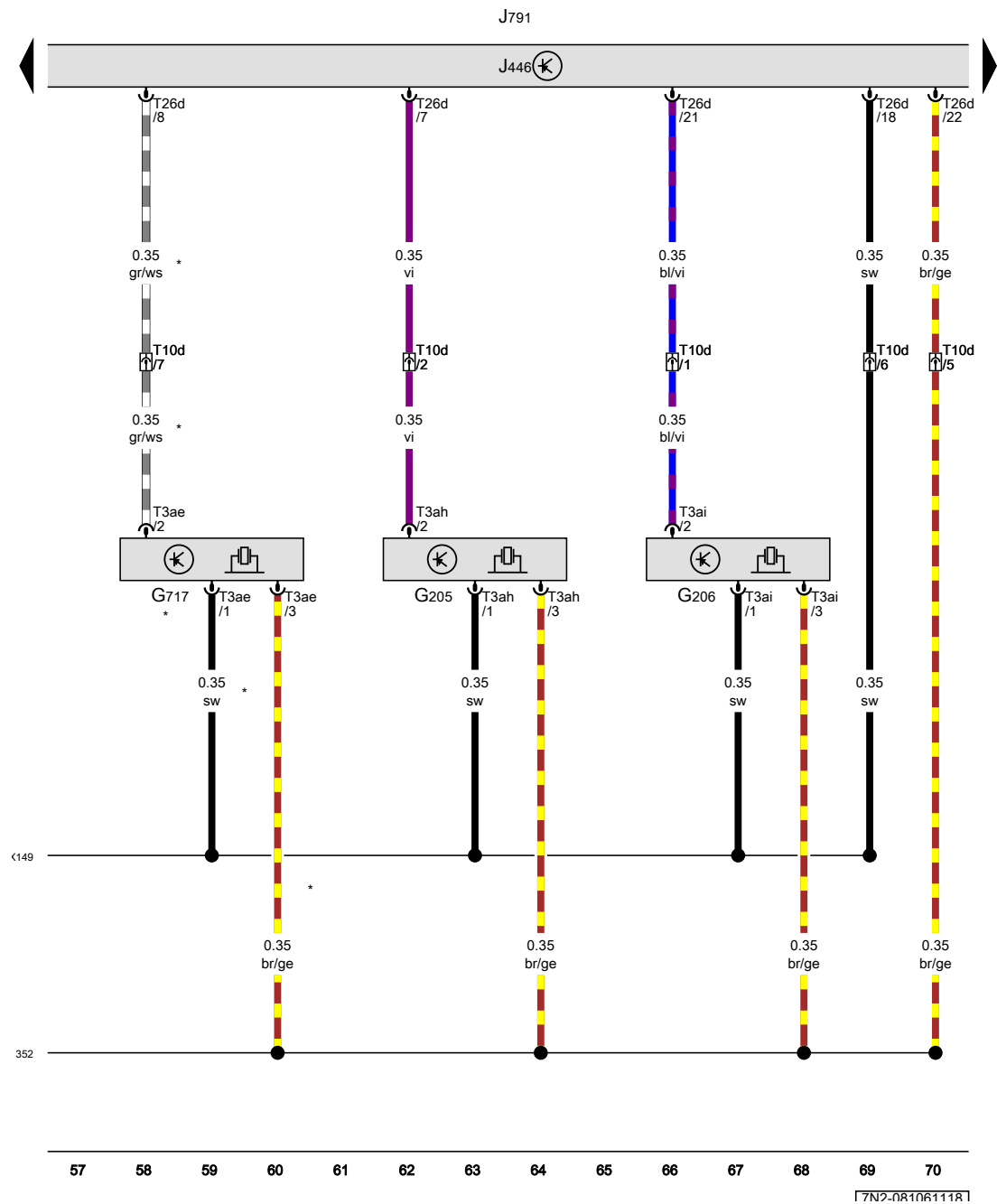
Rear left parking aid sender, Rear centre left parking aid sender, Rear left park assist steering sender, Parking aid control unit, Park assist steering control unit

- G203 Rear left parking aid sender
- G204 Rear centre left parking aid sender
- G716 Rear left park assist steering sender
- J446 Parking aid control unit
- J791 Park assist steering control unit
- T3ad 3-pin connector, black
- T3af 3-pin connector, black
- T3ag 3-pin connector, black
- T10d 10-pin connector, black
- T26d 26-pin connector, black

352 Earth connection (parking aid), in rear bumper wiring harness

X149 Connection (5V), rear bumper wiring harness

* For models with park assist steering



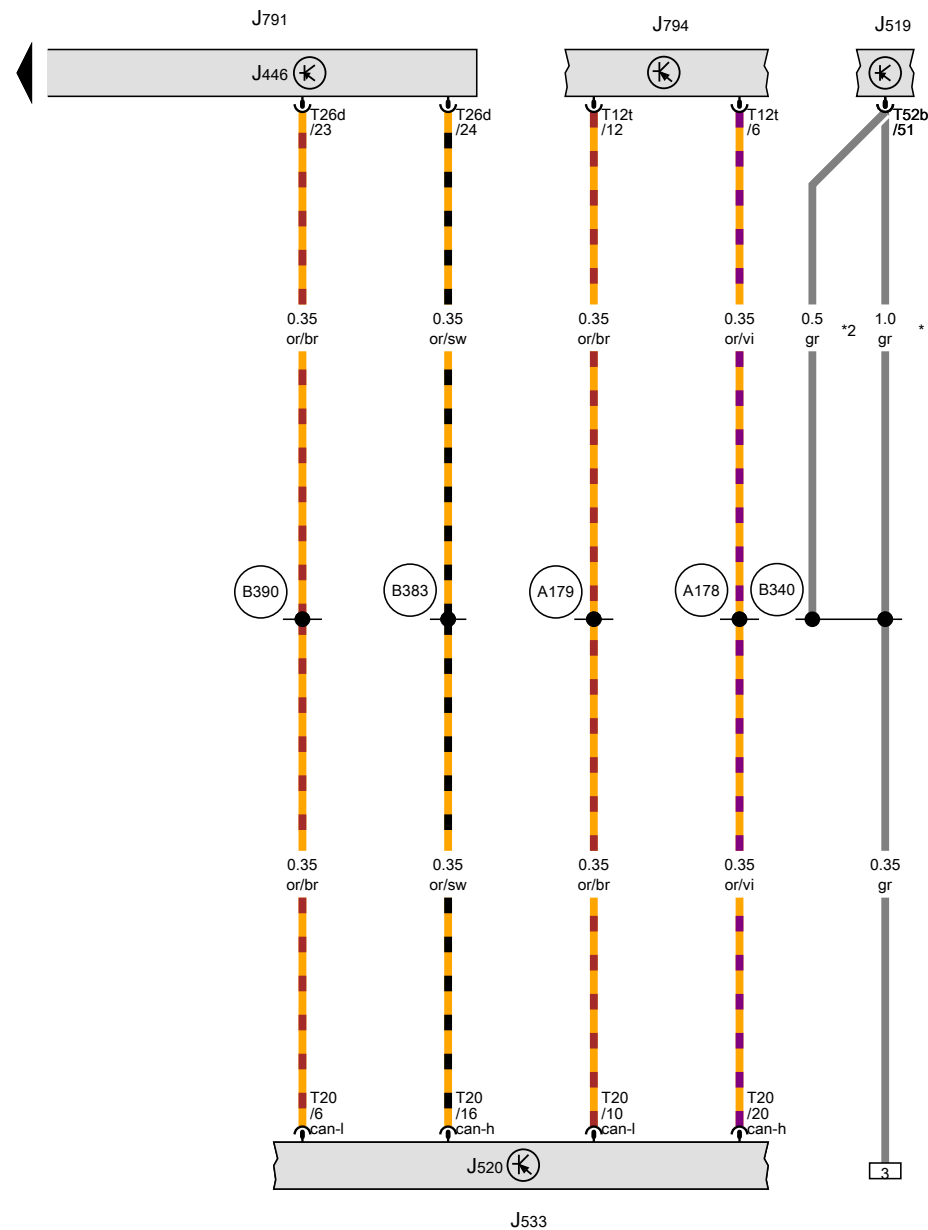
Rear centre right parking aid sender, Rear right parking aid sender, Rear right park assist steering sender, Parking aid control unit, Park assist steering control unit

- G205 Rear centre right parking aid sender
- G206 Rear right parking aid sender
- G717 Rear right park assist steering sender
- J446 Parking aid control unit
- J791 Park assist steering control unit
- T3ae 3-pin connector, black
- T3ah 3-pin connector, black
- T3ai 3-pin connector, black
- T10d 10-pin connector, black
- T26d 26-pin connector, black

352 Earth connection (parking aid), in rear bumper wiring harness

X149 Connection (5V), rear bumper wiring harness

* For models with park assist steering



Parking aid control unit, Onboard supply control unit 2, Data bus diagnostic interface, Park assist steering control unit, Control unit 1 for information electronics

- J446 Parking aid control unit
- J519 Onboard supply control unit
- J520 Onboard supply control unit 2
- J533 Data bus diagnostic interface
- J791 Park assist steering control unit
- J794 Control unit 1 for information electronics
- T12t 12-pin connector, black
- T20 20-pin connector, red
- T26d 26-pin connector, black
- T52b 52-pin connector, colourless

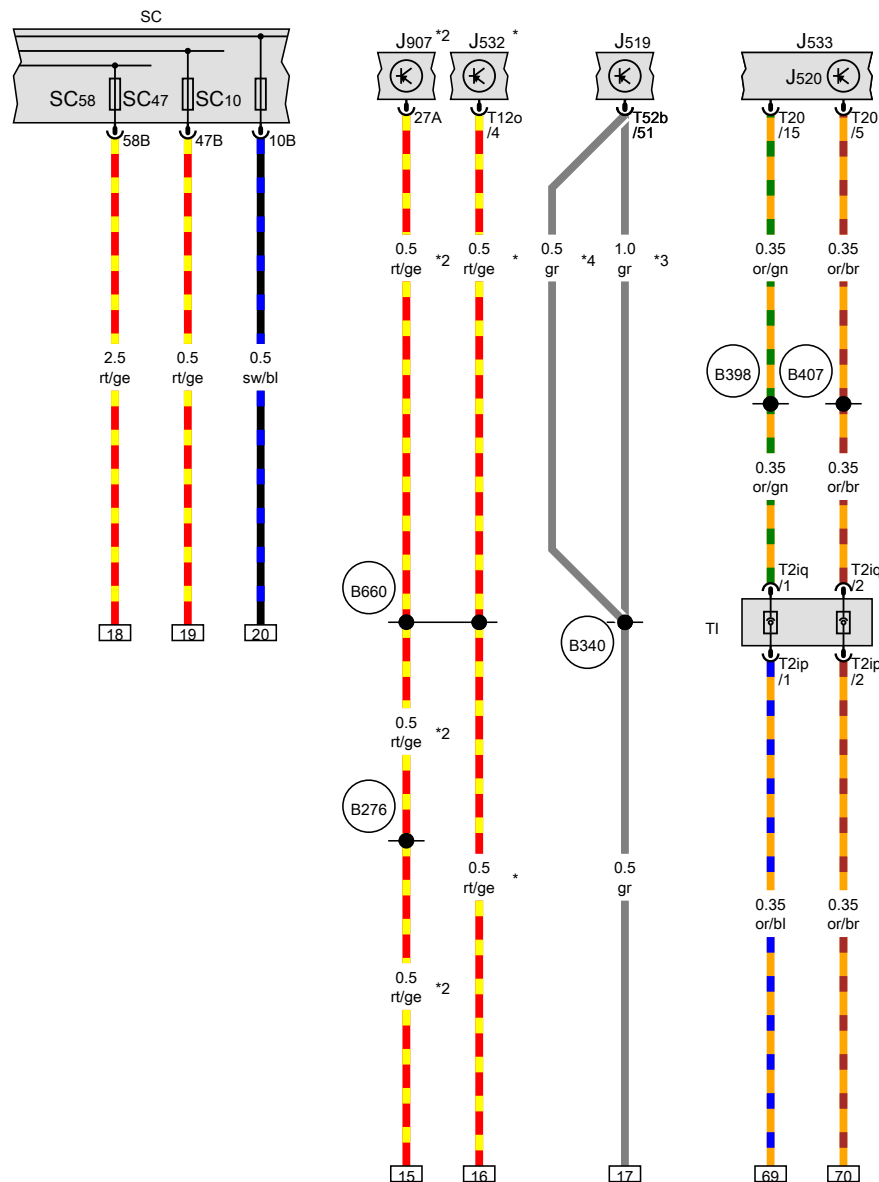
- A178 Connection (infotainment CAN bus, high), in dash panel wiring harness
- A179 Connection (infotainment CAN bus, low), in dash panel wiring harness
- B340 Connection 1 (58d), in main wiring harness
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness

- * Up to May 2017
- *2 From May 2017

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Taxi equipment

From May 2015



Onboard supply control unit, Onboard supply control unit 2, Voltage stabiliser, Data bus diagnostic interface, Starter relay 2, Fuse holder C, Coupling point in interior

- J519 Onboard supply control unit
- J520 Onboard supply control unit 2
- J532 Voltage stabiliser
- J533 Data bus diagnostic interface
- J907 Starter relay 2
- SC Fuse holder C
- SC10 Fuse 10 on fuse holder C
- SC47 Fuse 47 on fuse holder C
- SC58 Fuse 58 on fuse holder C
- T2ip 2-pin connector, black
- T2iq 2-pin connector, black
- T12o 12-pin connector, black
- T20 20-pin connector, red
- T52b 52-pin connector, colourless
- T1 Coupling point in interior, behind dash panel insert
- B276 Positive connection (50), in main wiring harness
- B340 Connection 1 (58d), 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
- B660 Connection (diagnosis terminal 50), in main wiring harness
- * Up to May 2016
- *2 From May 2016
- *3 Up to May 2017
- *4 From May 2017

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Voltage stabiliser, Fuse holder K, Coupling point in interior, below left

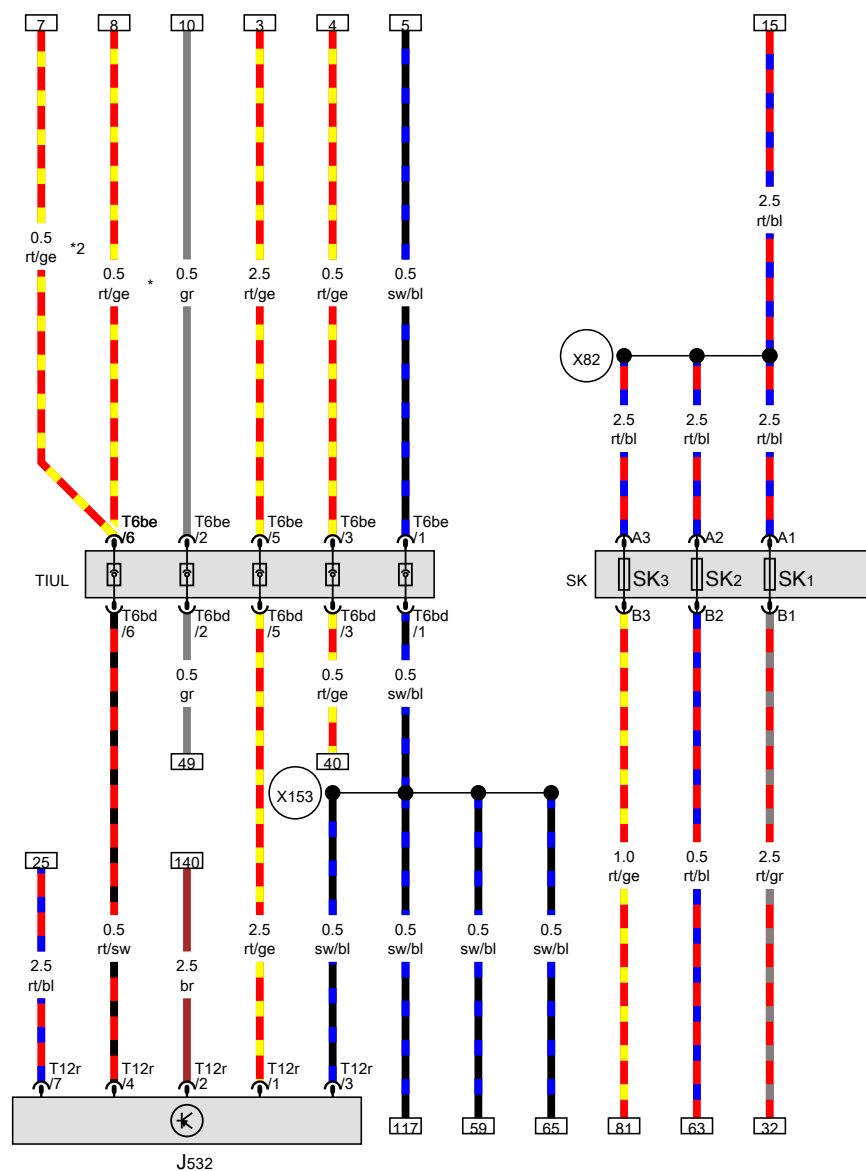
- J532 Voltage stabiliser, under driver seat
- SK Fuse holder K
- SK1 Fuse 1 on fuse holder K
- SK2 Fuse 2 on fuse holder K
- SK3 Fuse 3 on fuse holder K
- T6bd 6-pin connector, black
- T6be 6-pin connector, black
- T12r 12-pin connector, black
- TIUL Coupling point in interior, below left

X82 Positive connection 1 (30a), in taxi wiring harness

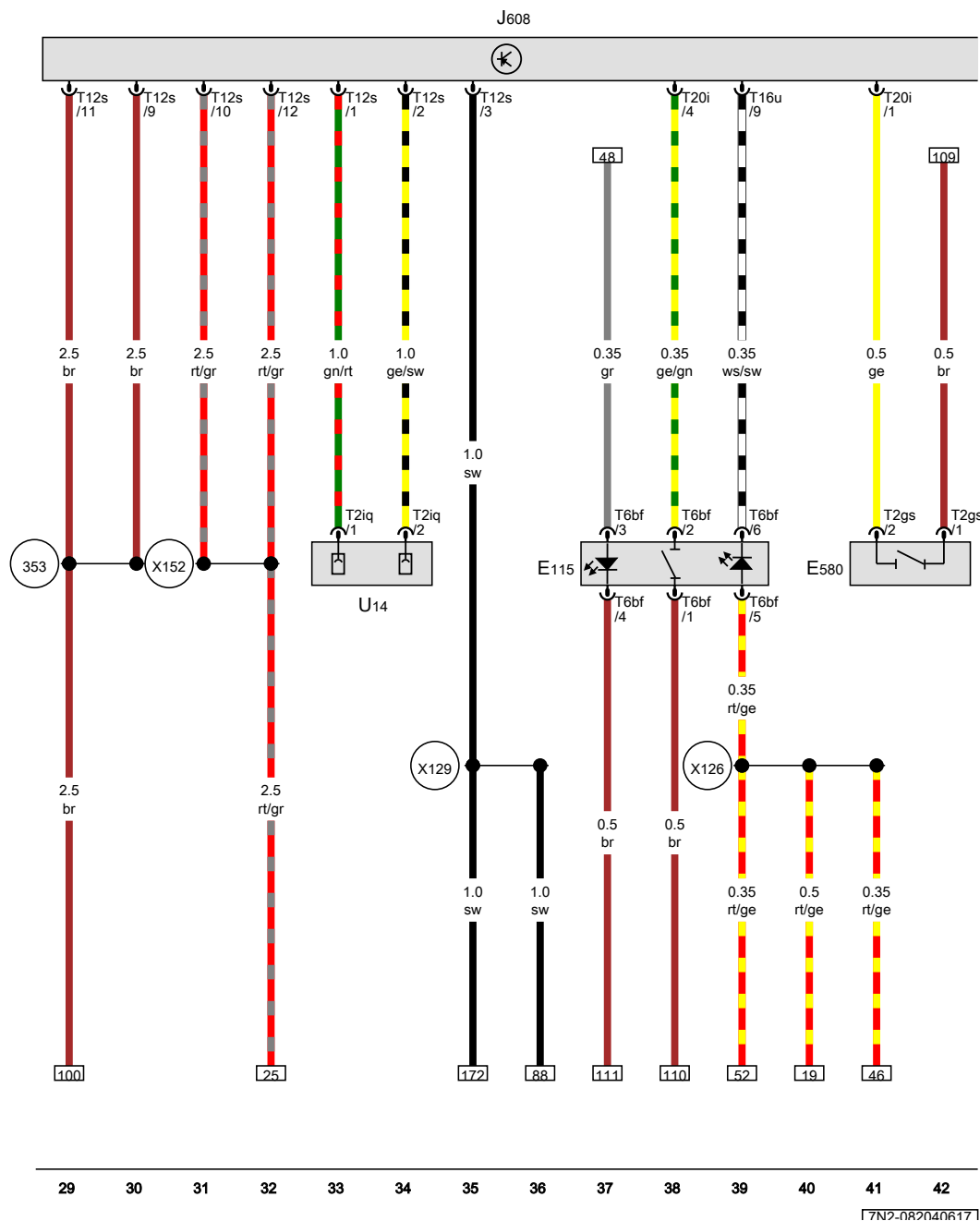
X153 Positive connection 3 (15), in taxi wiring harness

* Up to May 2016

*2 From May 2016



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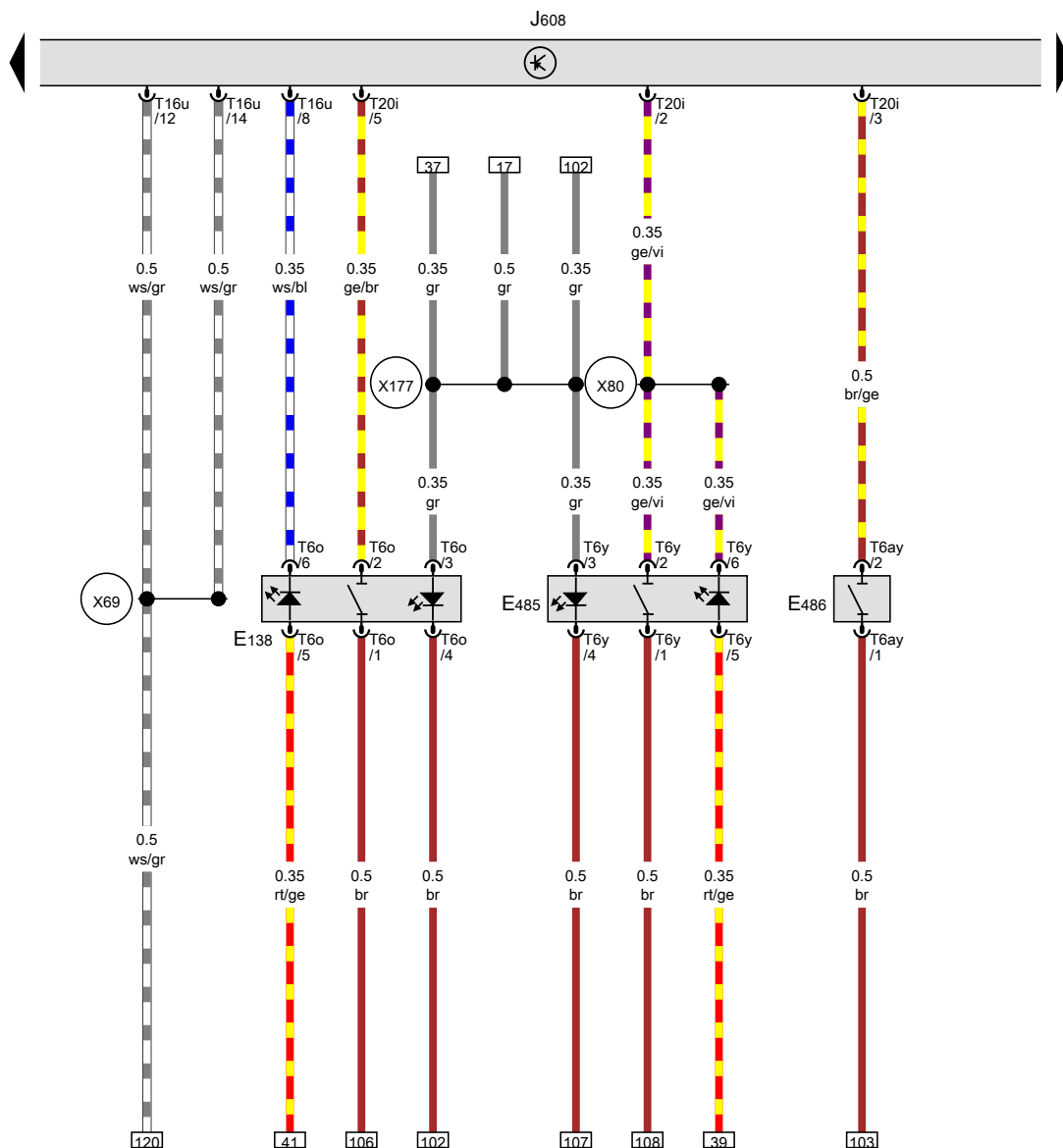


Interior light switch (taxi), Passive Taxi alarm button, Special vehicle control unit, Taxi roof sign socket

- E115 Interior light switch (taxi), in centre console
- E580 Passive Taxi alarm button, on lower section of left A-pillar
- J608 Special vehicle control unit
- T2gs 2-pin connector, green
- T2iq 2-pin connector, black
- T6bf 6-pin connector, black
- T12s 12-pin connector, black
- T16u 16-pin connector, black
- T20i 20-pin connector, red
- U14 Taxi roof sign socket, on left C-pillar

- 353 Earth connection, in taxi wiring harness
- X126 Positive connection 2 (30a), in taxi wiring harness
- X129 Positive connection 1 (15), in taxi wiring harness
- X152 Positive connection 2 (15), in taxi wiring harness

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Taxi sign switch, Taxi alarm active button, Taxi alarm off button, Special vehicle control unit

- E138 Taxi sign switch, in centre console
- E485 Taxi alarm active button, on lower section of left A-pillar
- E486 Taxi alarm off button, in left D-pillar
- J608 Special vehicle control unit
- T6ay 6-pin connector, black
- T6o 6-pin connector, black
- T6y 6-pin connector, black
- T16u 16-pin connector, black
- T20i 20-pin connector, red

- X69 Connection 1, in taxi wiring harness
- X80 Connection 1, in taxi alarm system wiring harness
- X177 Connection (58d), in taxi wiring harness

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[7N2-082050R17]

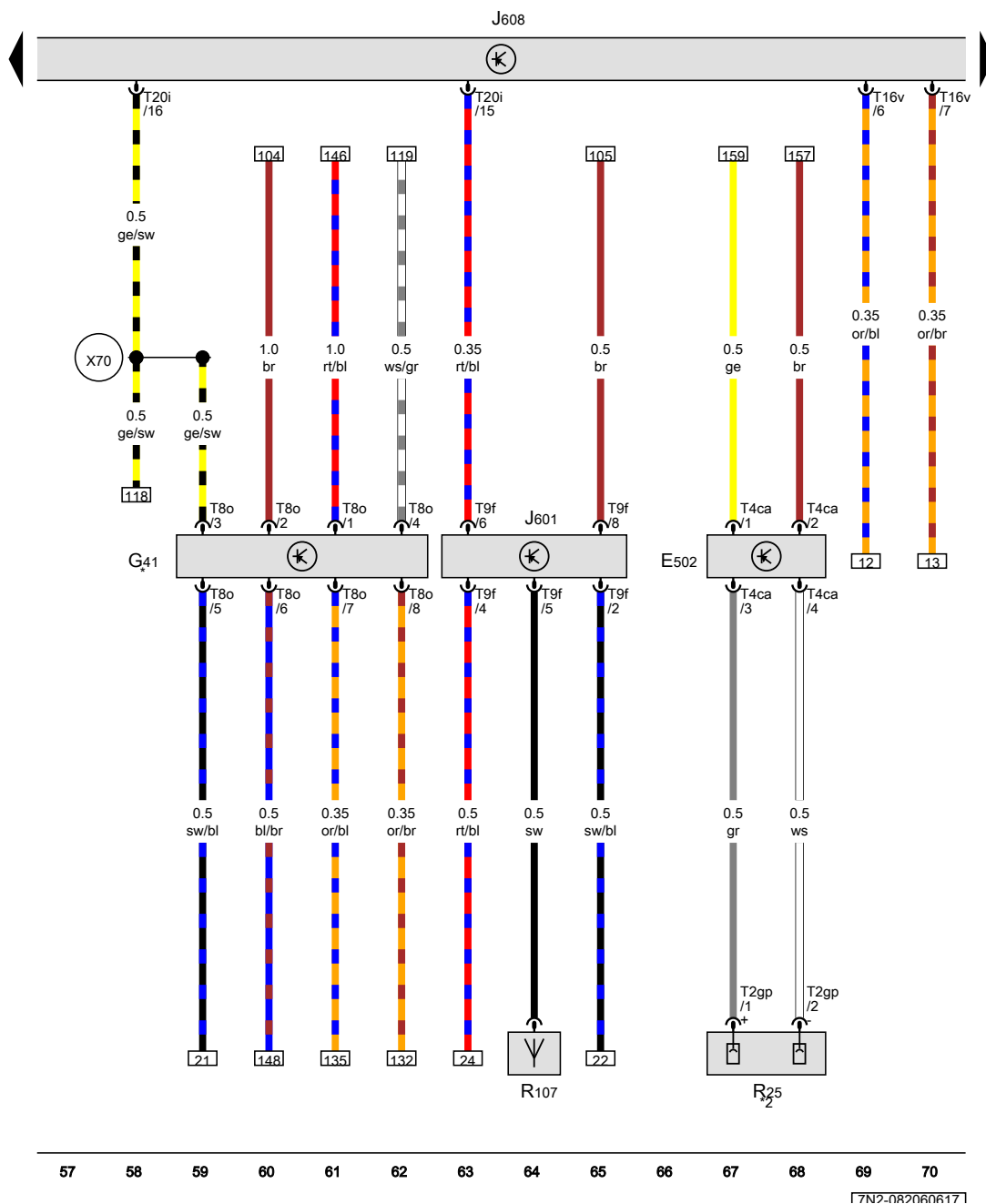
2-way radio loudspeaker volume control 1, Taximeter, Taxi alarm remote control, control unit, Special vehicle control unit, Two-way radio loudspeaker, Remote controlled taxi alarm aerial

- | | |
|------|---|
| E502 | 2-way radio loudspeaker volume control 1, in front centre console |
| G41 | Taximeter, in centre console |
| J601 | Taxi alarm remote control, control unit, under driver seat |
| J608 | Special vehicle control unit |
| R25 | Two-way radio loudspeaker, in front centre console |
| R107 | Remote controlled taxi alarm aerial |
| T2gp | 2-pin connector, black |
| T4ca | 4-pin connector, black |
| T8o | 8-pin connector, black |
| T9f | 9-pin connector, black |
| T16v | 16-pin connector, brown |
| T20i | 20-pin connector, red |

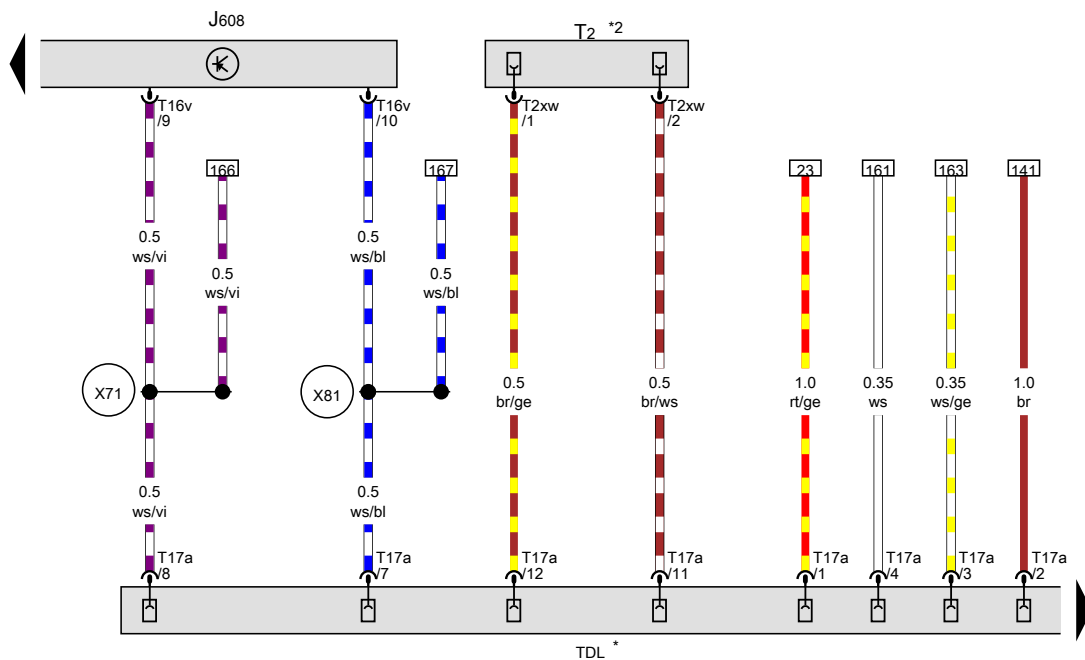
(X70) Connection 2, in taxi wiring harness

* Optional installation

*2 Connection 1 for 2-way radio loudspeaker



ws = white
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Special vehicle control unit, Coupling point on left D-pillar

J608 Special vehicle control unit
T17a 17-pin connector, black
T2 2-pin connector
T2xw 2-pin connector, black
T16v 16-pin connector, brown
TDL Coupling point on left D-pillar

X71 Connection 3, in taxi wiring harness

X81 Connection 4, in taxi wiring harness

* Connection for 2-way radio
*2 Connection for two-way radio button

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2-way radio unit microphone, Coupling point on left D-pillar

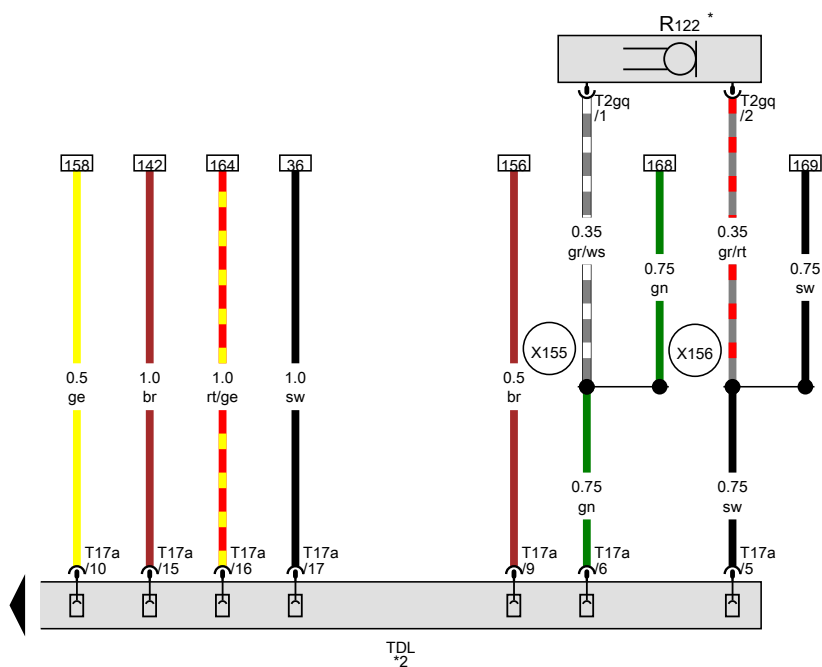
R122 2-way radio unit microphone, on roof module
 T2gq 2-pin connector, black
 T17a 17-pin connector, black
 TDL Coupling point on left D-pillar

X155 Connection 5, in taxi wiring harness

X156 Connection 6, in taxi wiring harness

* Pre-wired component

*2 Connection for 2-way radio



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85 86 87 88 89 90 91 92 93 94 95 96 97 98

[7N2-082080R17]

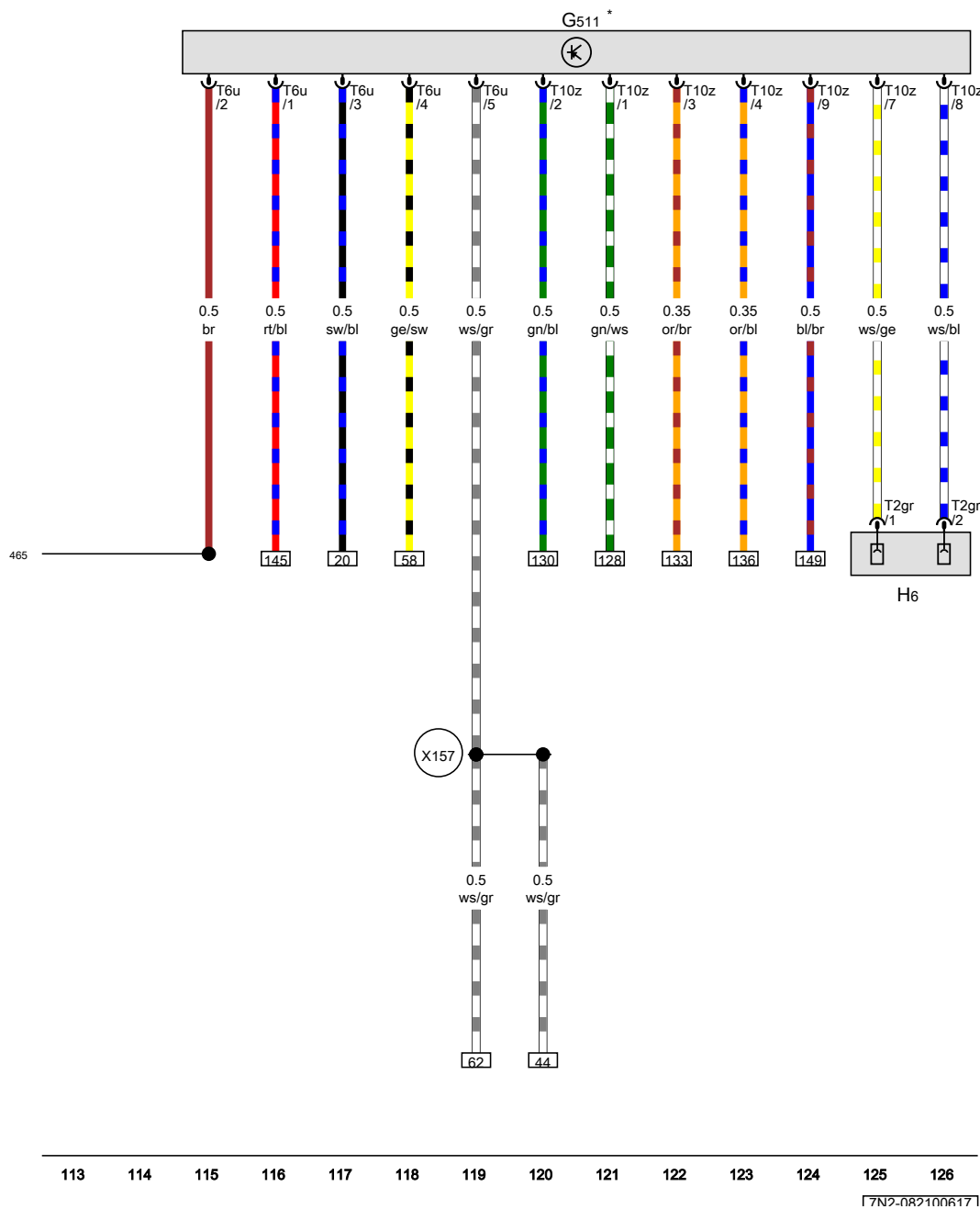
Mirror taximeter, Contact in ignition and starter switch for ignition key warning system

- G511 Mirror taximeter
- H6 Contact in ignition and starter switch for ignition key warning system
- T2gr 2-pin connector, black
- T6u 6-pin connector, blue
- T10z 10-pin connector, red

465 Earth connection 4, in taxi wiring harness

X157 Connection 7, in taxi wiring harness

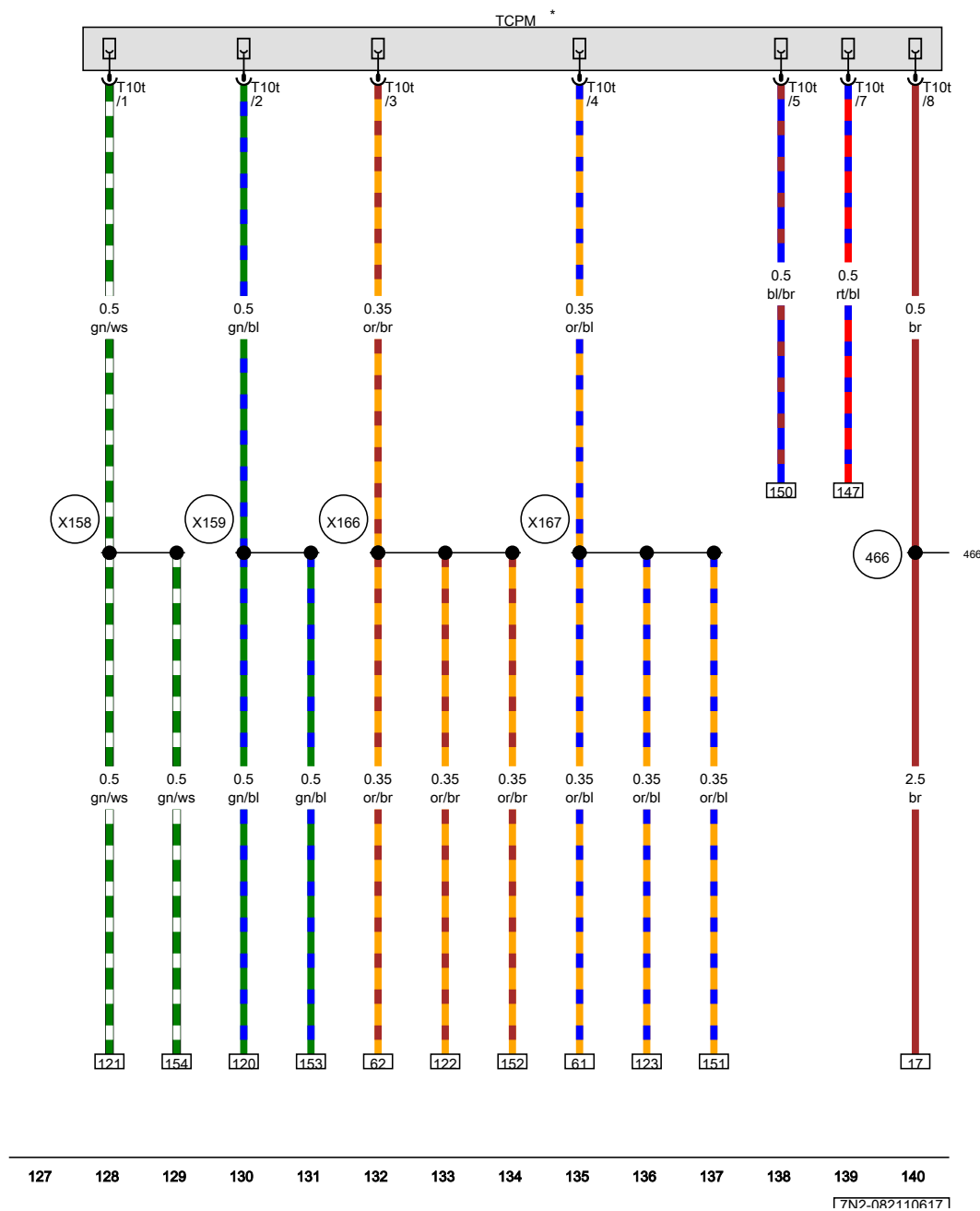
* Optional installation

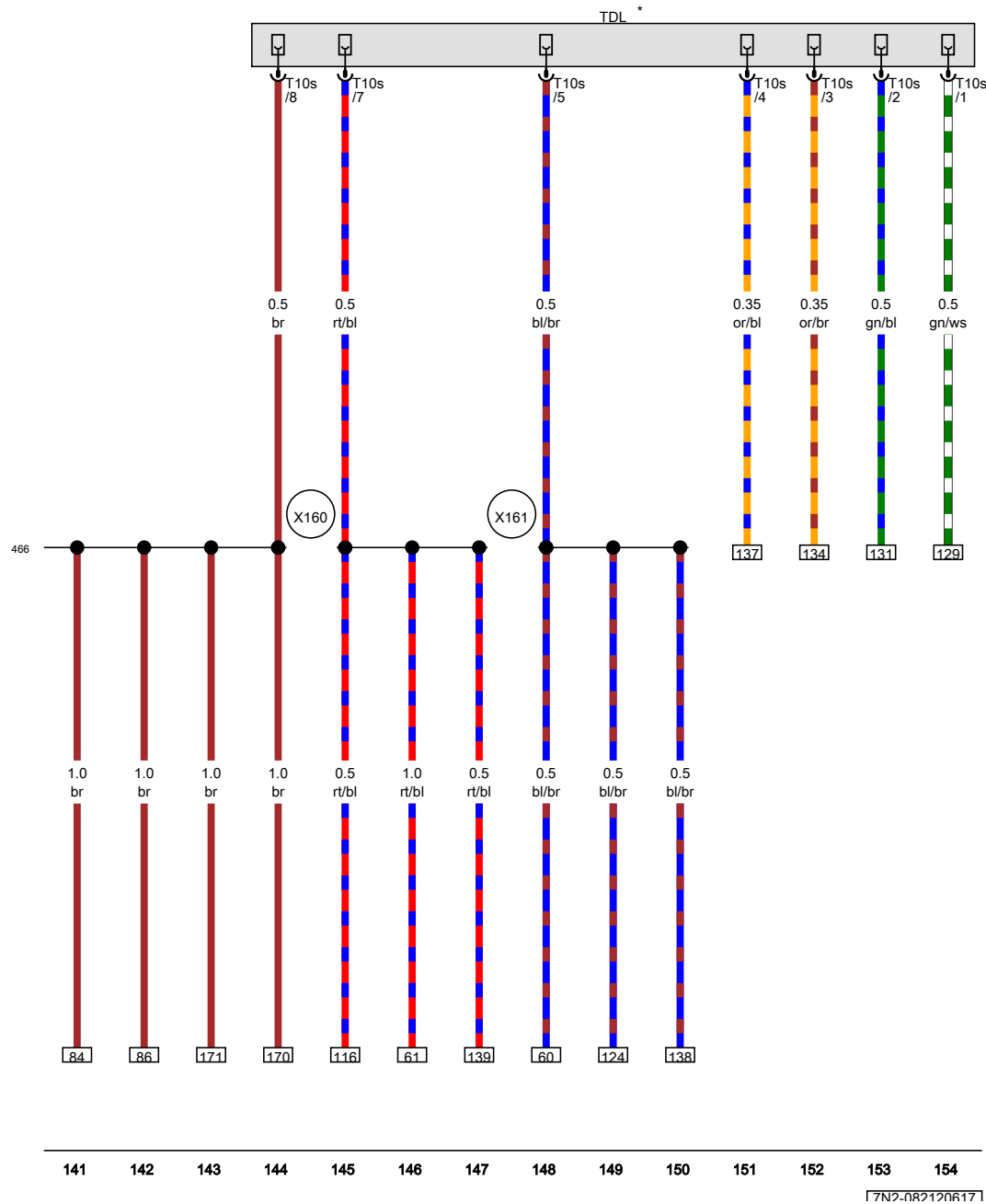


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Coupling point on dash panel, centre

- T10t 10-pin connector, black
 TCPM Coupling point on dash panel, centre
- 466 Earth connection 5, in taxi wiring harness
- X158 Connection 8, in taxi wiring harness
- X159 Connection 9, in taxi wiring harness
- X166 Connection (low bus), in taxi wiring harness
- X167 Connection (high bus), in taxi wiring harness
- * Data transmission





Coupling point on left D-pillar

- T10s 10-pin connector, black
 TDL Coupling point on left D-pillar
- 466 Earth connection 5, in taxi wiring harness
- X160 Connection 10, in taxi wiring harness
- X161 Connection 11, in taxi wiring harness
- * Data transmission

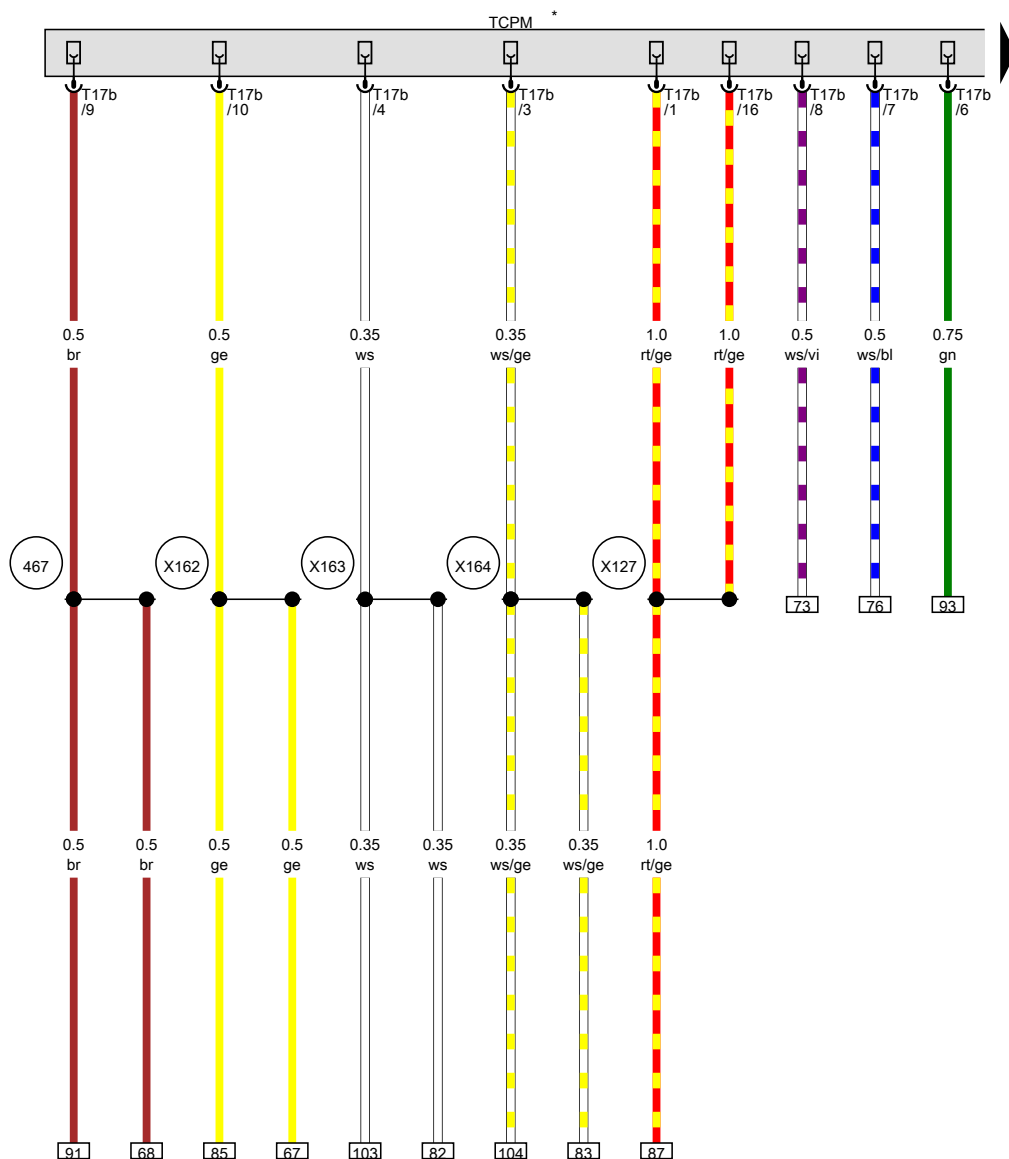
ws = white
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Coupling point on dash panel, centre

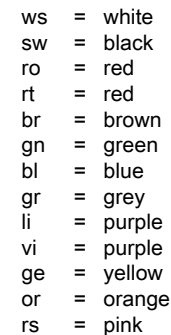
T17b 17-pin connector, black
TCPM Coupling point on dash panel, centre

- (467) Earth connection 6, in taxi wiring harness
- (X127) Positive connection 3 (30a), in taxi wiring harness
- (X162) Connection 12, in taxi wiring harness
- (X163) Connection 13, in taxi wiring harness
- (X164) Connection 14, in taxi wiring harness

* Connection for 2-way radio

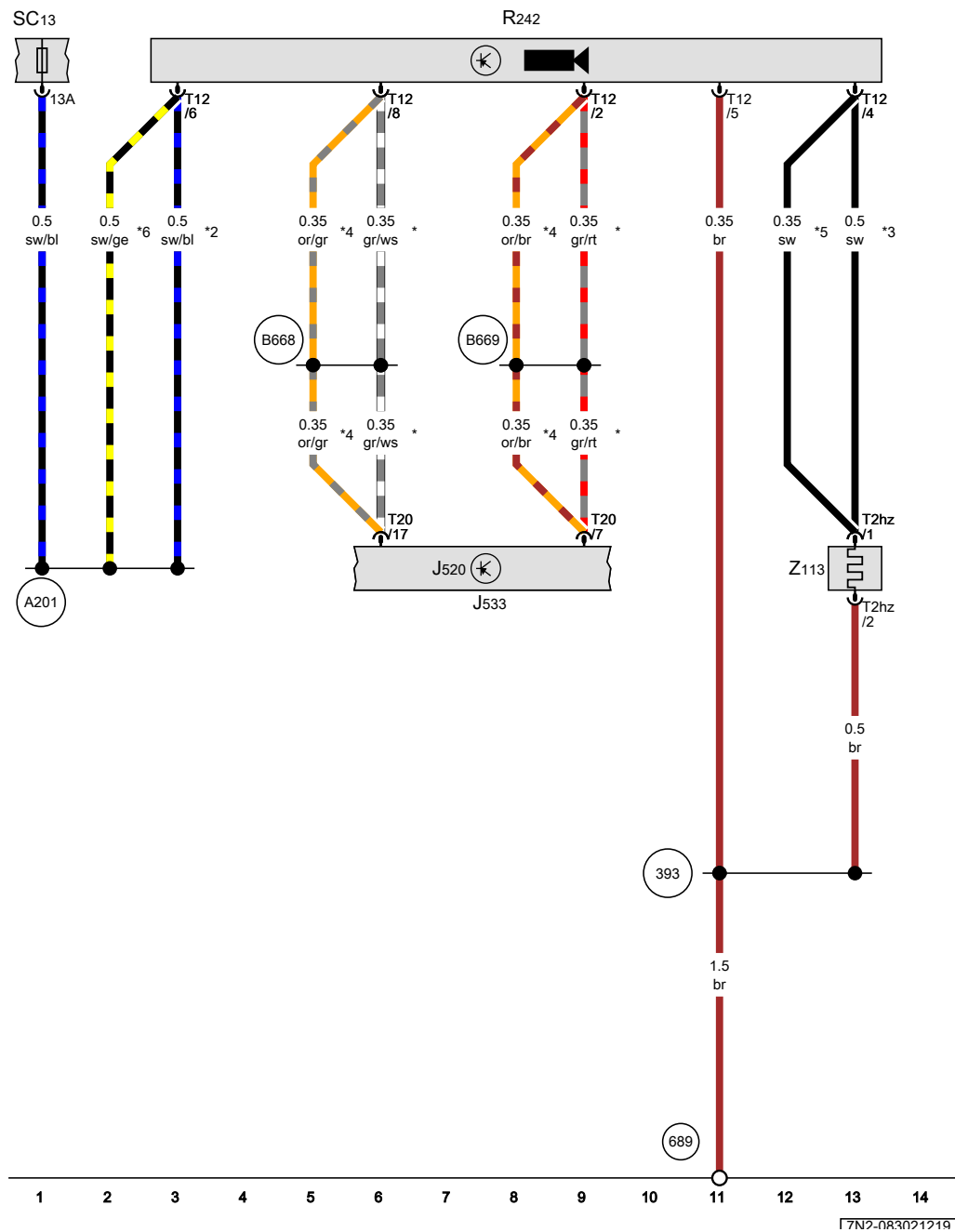


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Front camera for driver assist systems

From May 2015



Onboard supply control unit 2, Data bus diagnostic interface, Front camera for driver assist systems, Windscreen heater for front sensors

- J520 Onboard supply control unit 2
- J533 Data bus diagnostic interface
- R242 Front camera for driver assist systems
- SC13 Fuse 13 on fuse holder C
- T2hz 2-pin connector, black
- T12 12-pin connector, black
- T20 20-pin connector, red
- Z113 Windscreen heater for front sensors

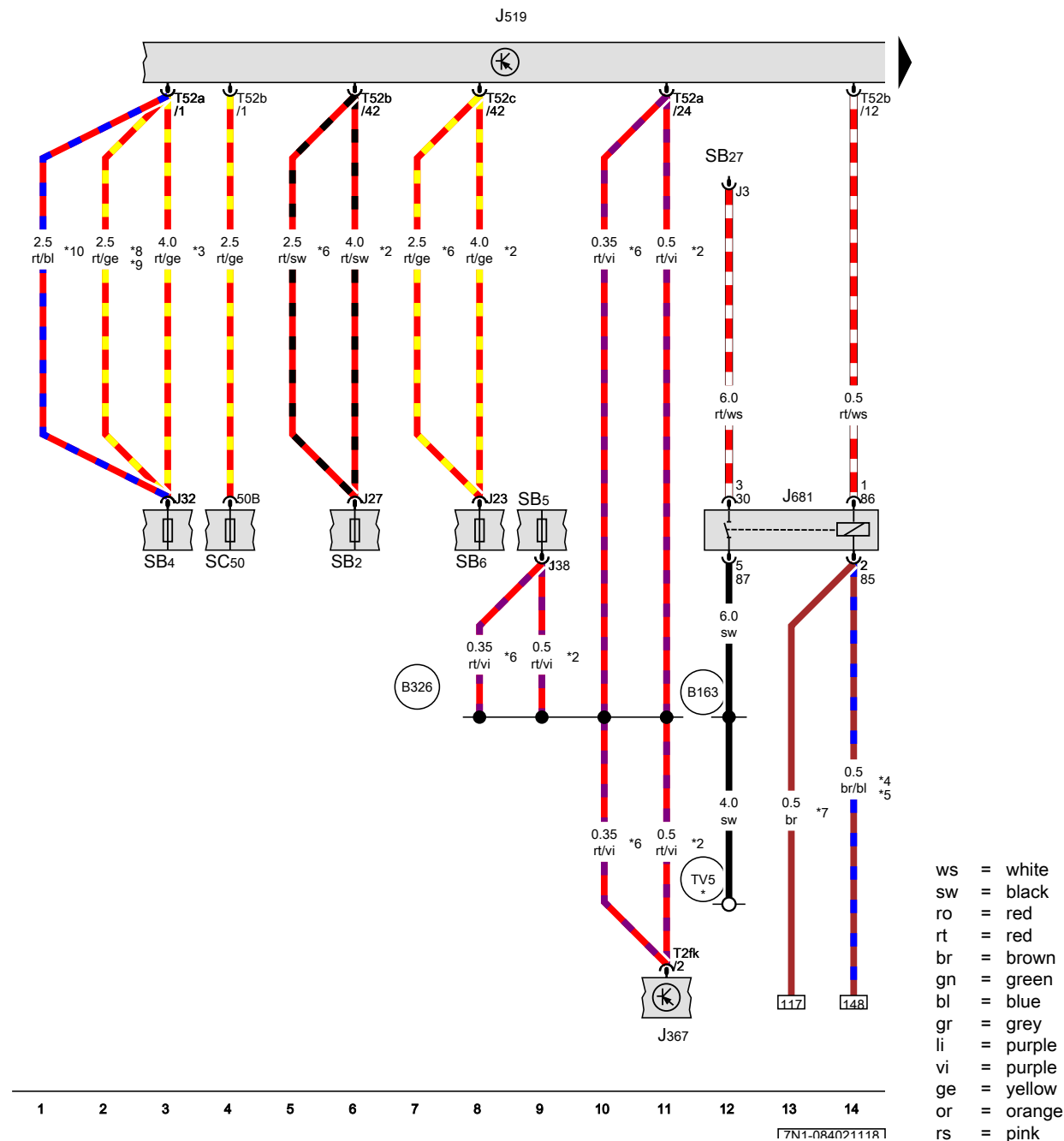
- 393 Earth connection 28, in main wiring harness
- 689 Earth point, at front, central in roof
- A201 Positive connection 6 (15a) in dash panel wiring harness
- B668 Connection 2 (CAN bus extended high), in main wiring harness
- B669 Connection 2 (CAN bus extended low), in main wiring harness
- * Up to May 2016
- *2 Up to November 2017
- *3 Up to May 2017
- *4 From May 2016
- *5 From May 2017
- *6 From November 2017

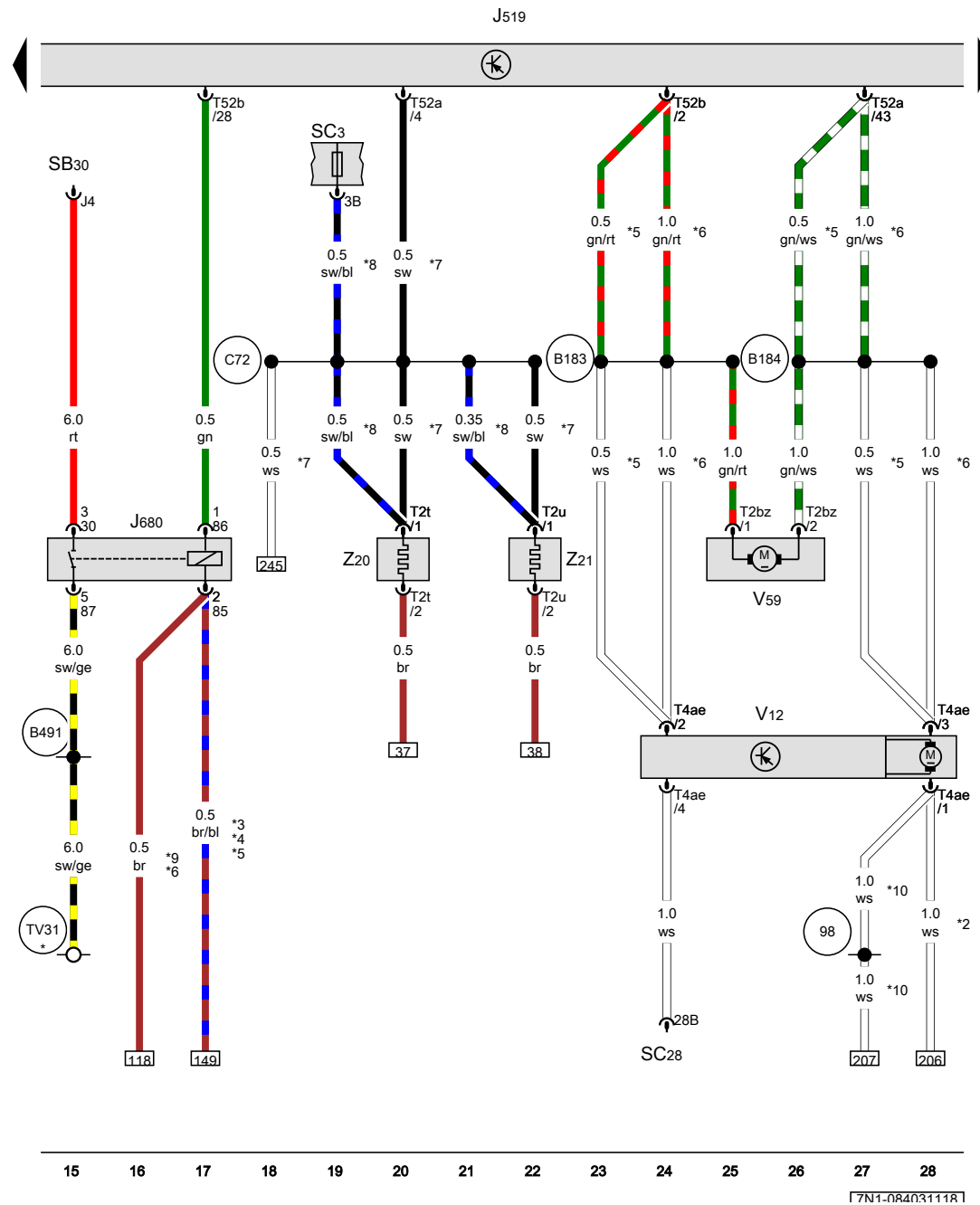
Basic equipment

From May 2015

Onboard supply control unit, Terminal 15 voltage supply relay 2

- J367 Battery monitor control unit
- J519 Onboard supply control unit
- J681 Terminal 15 voltage supply relay 2
- SB2 Fuse 2 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
- SB27 Fuse 27 on fuse holder B
- SC50 Fuse 50 on fuse holder C
- T2fk 2-pin connector
- T52a 52-pin connector
- T52b 52-pin connector
- T52c 52-pin connector
- B163 Positive connection 1 (15), in interior wiring harness
- B326 Positive connection 12 (30a) in main wiring harness
- TV5 Terminal 15a wiring junction
- * see applicable current flow diagram for fuse assignment
- *2 Up to May 2016
- *3 Up to May 2017
- *4 Cross-section 1.5 possible
- *5 Up to November 2016
- *6 From May 2016
- *7 From November 2016
- *8 From May 2017
- *9 Up to November 2017
- *10 From November 2017





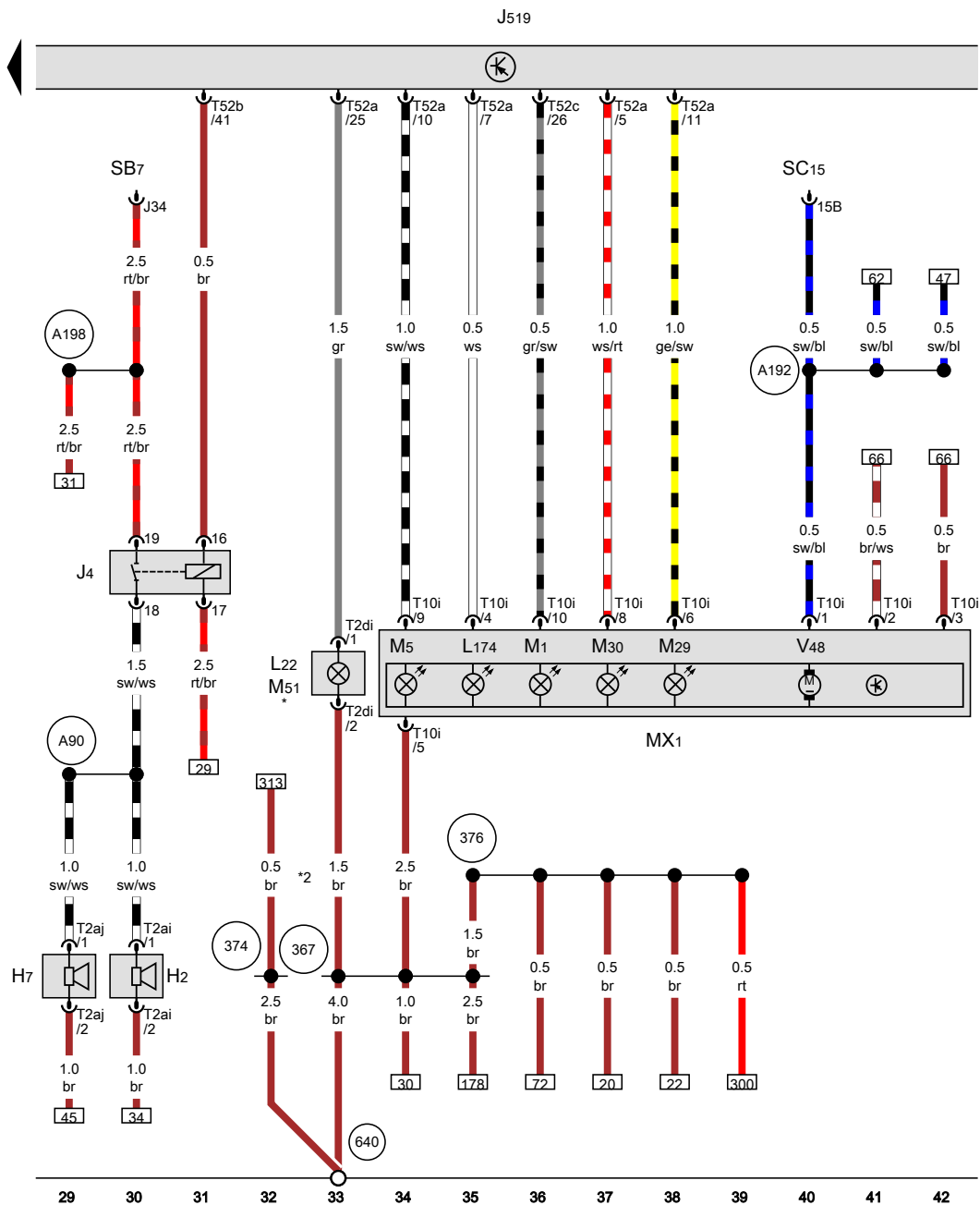
Onboard supply control unit, Terminal 75 voltage supply relay 1, Rear window wiper motor, Windscreen and rear window washer pump

- J519 Onboard supply control unit
- J680 Terminal 75 voltage supply relay 1
- SC3 Fuse 3 on fuse holder C
- SC28 Fuse 28 on fuse holder C
- SB30 Fuse 30 on fuse holder B
- T2bz 2-pin connector
- T2t 2-pin connector
- T2u 2-pin connector
- T4ae 4-pin connector
- T52a 52-pin connector
- T52b 52-pin connector
- V12 Rear window wiper motor
- V59 Windscreen and rear window washer pump
- Z20 Left washer jet heater element
- Z21 Right washer jet heater element

- 98 Earth connection, in rear lid wiring harness
- B183 Connection 1 (washer pump), in interior wiring harness
- B184 Connection 2 (washer pump), in interior wiring harness
- B491 Positive connection (75), in interior wiring harness
- C72 Positive connection in heated washer jet wiring harness
- TV31 Terminal 75 wiring junction

- * see applicable current flow diagram for fuse assignment
- *2 Up to November 2017
- *3 Cross-section 1.5 possible
- *4 Up to November 2016
- *5 From May 2017
- *6 Up to May 2017
- *7 Up to May 2016
- *8 From May 2016
- *9 From November 2016
- *10 From November 2017

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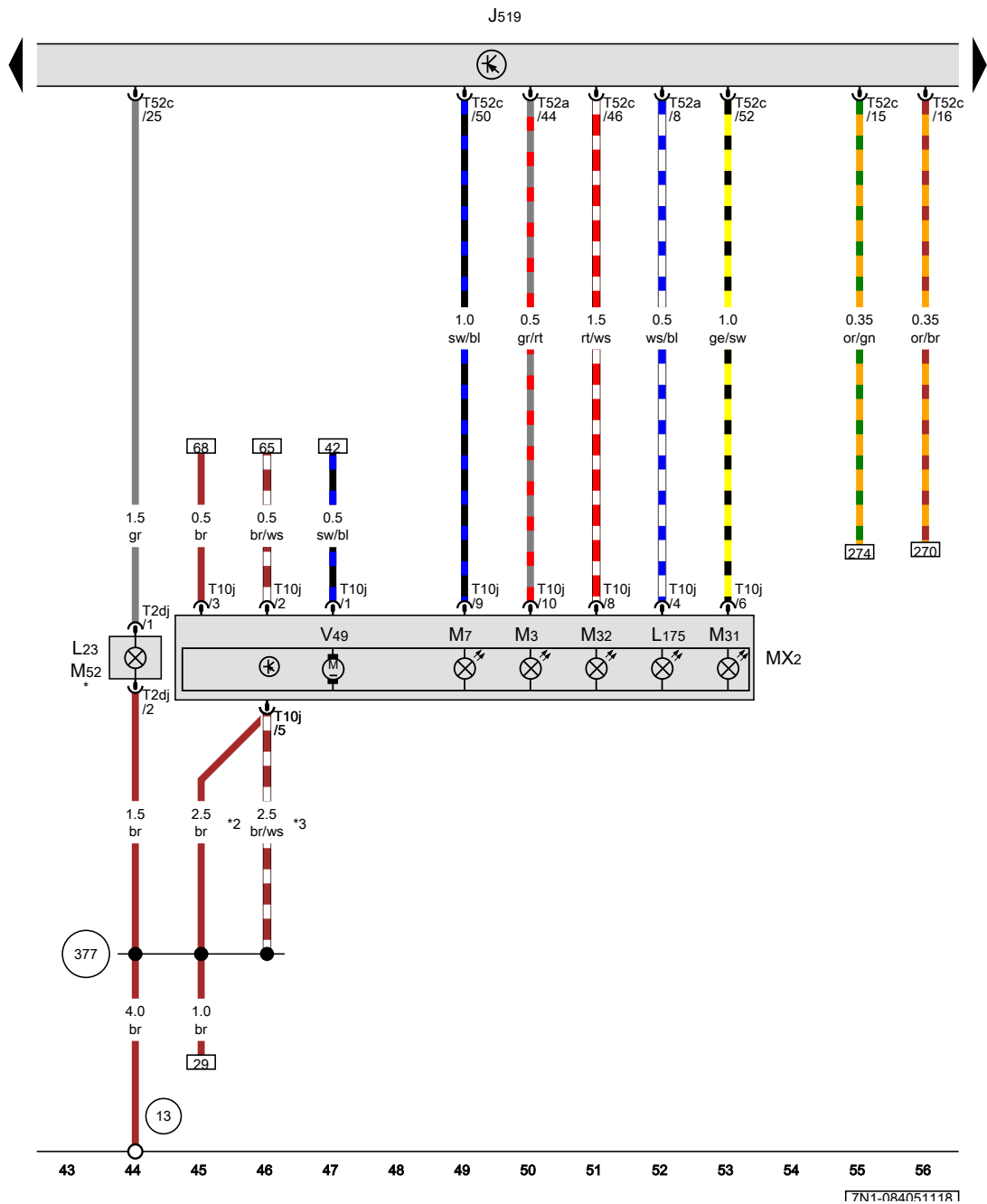
Dual tone horn relay, Onboard supply control unit, Left fog light bulb, Front left headlight, Left static cornering light

- H2 Treble horn
- H7 Bass horn
- J4 Dual tone horn relay
- J519 Onboard supply control unit
- L22 Left fog light bulb
- 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
- M51 Left static cornering light
- SB7 Fuse 7 on fuse holder B
- SC15 Fuse 15 on fuse holder C
- T2ai 2-pin connector
- T2aj 2-pin connector
- T2di 2-pin connector
- T10i 10-pin connector
- T52a 52-pin connector
- T52b 52-pin connector
- T52c 52-pin connector
- V48 Left headlight range control motor

- (367) Earth connection 2, in main wiring harness
- (374) Earth connection 9, in main wiring harness
- (376) Earth connection 11, in main wiring harness
- (640) Earth point 2, left in engine compartment
- (A90) Connection (dual tone horn), in dash panel wiring harness
- (A192) Positive connection 3 (15a) in dash panel wiring harness
- (A198) Positive connection 6 (30a) in dash panel wiring harness

* According to equipment
 *2 Up to November 2016

17N1-0840411181



Onboard supply control unit, Right fog light bulb, Front right headlight, Right static cornering light

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
M52	Right static cornering light
T2dj	2-pin connector
T10j	10-pin connector
T52a	52-pin connector
T52c	52-pin connector
V49	Right headlight range control motor

(13) Earth point, on right in engine compartment

(377) Earth connection 12, in main wiring harness

* According to equipment

*2 Up to November 2017

*3 From November 2017

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Switch and instrument illumination regulator, Onboard supply control unit

- E20 Switch and instrument illumination regulator
- E102 Headlight range control regulator
- J519 Onboard supply control unit
- L105 Illumination regulator illumination bulb
- T8f 8-pin connector
- T52b 52-pin connector
- T52c 52-pin connector

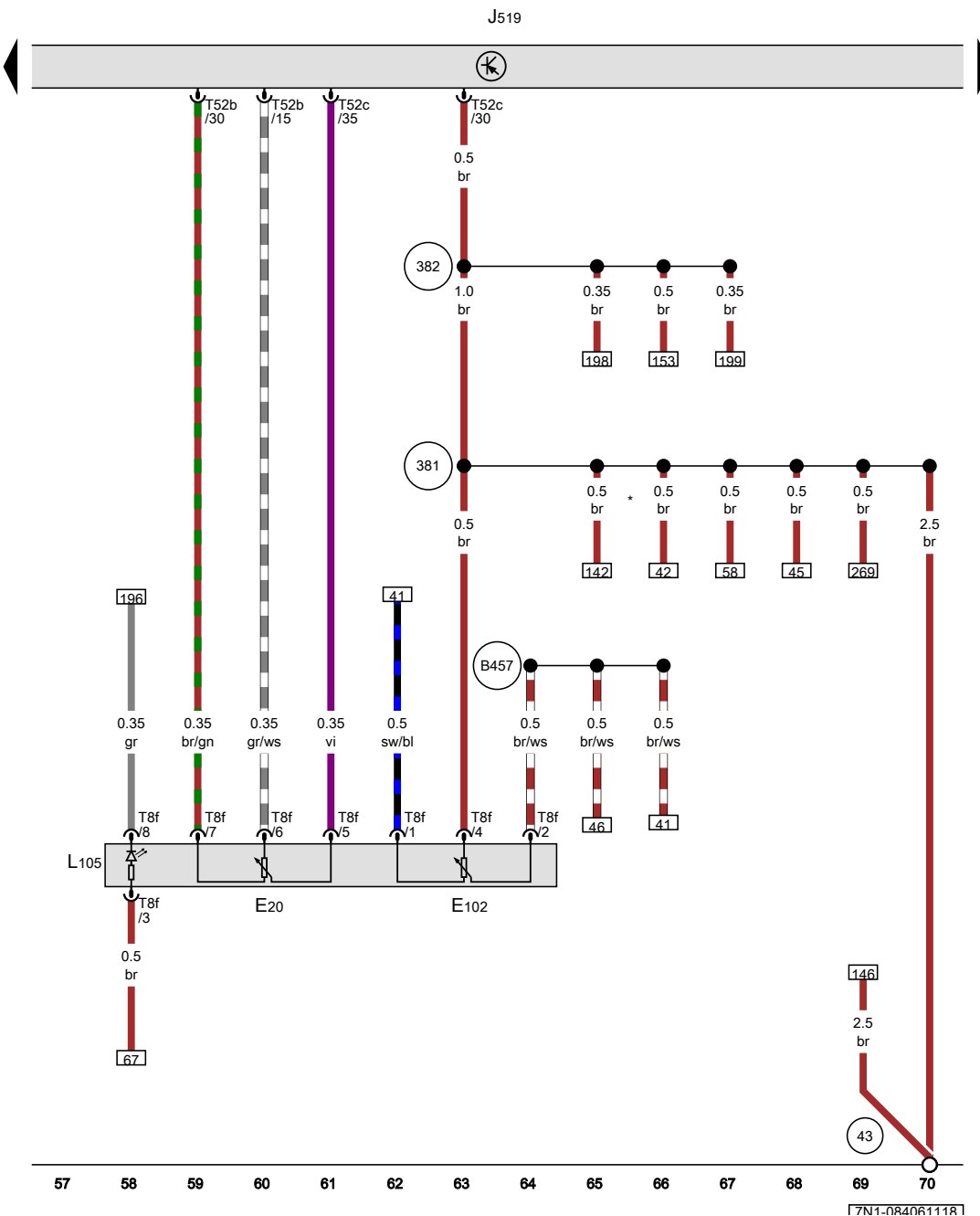
43 Earth point, lower part of right A-pillar

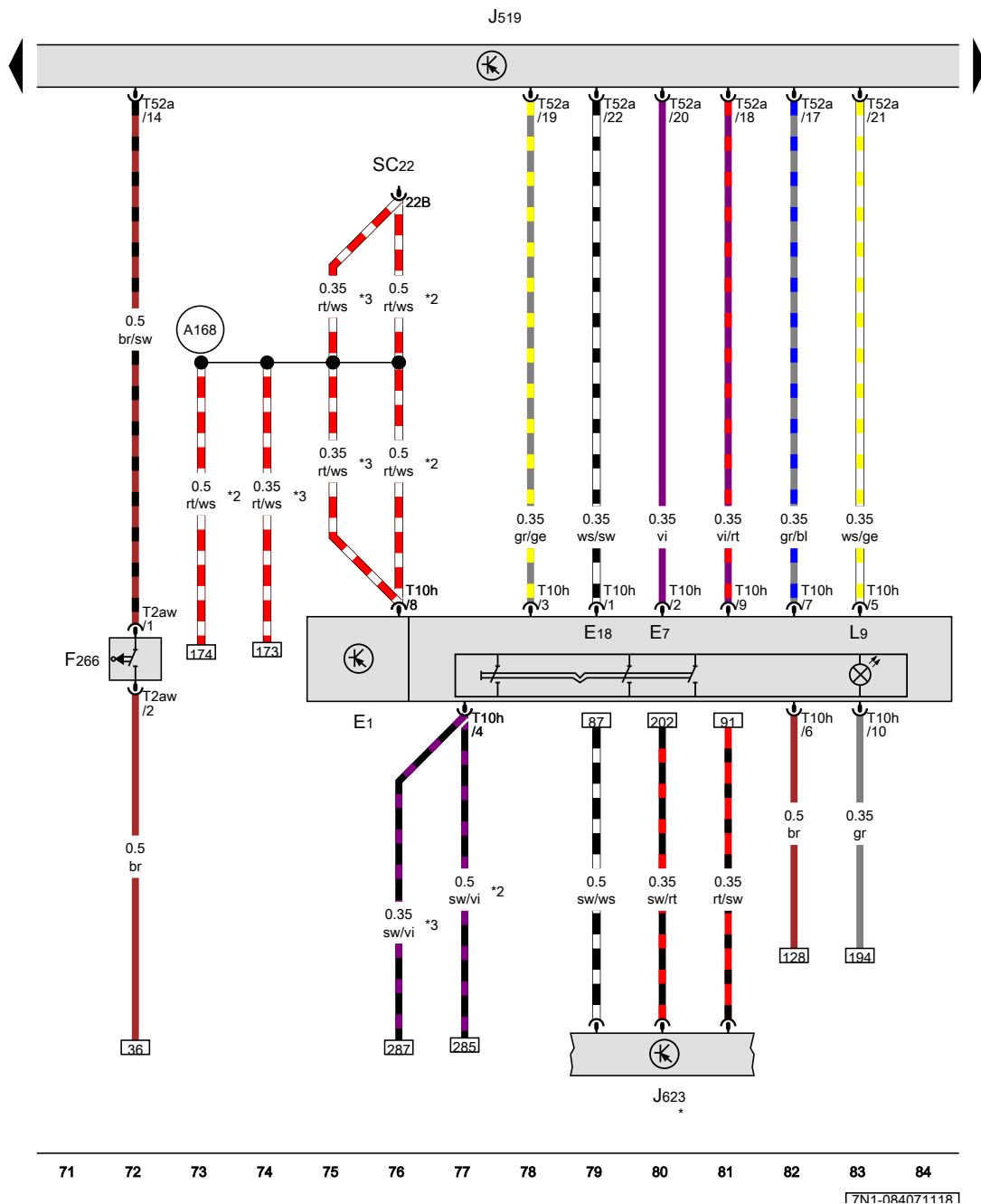
381 Earth connection 16, in main wiring harness

382 Earth connection 17, in main wiring harness

B457 Connection 1 (potentiometer), in main wiring harness

* From November 2016





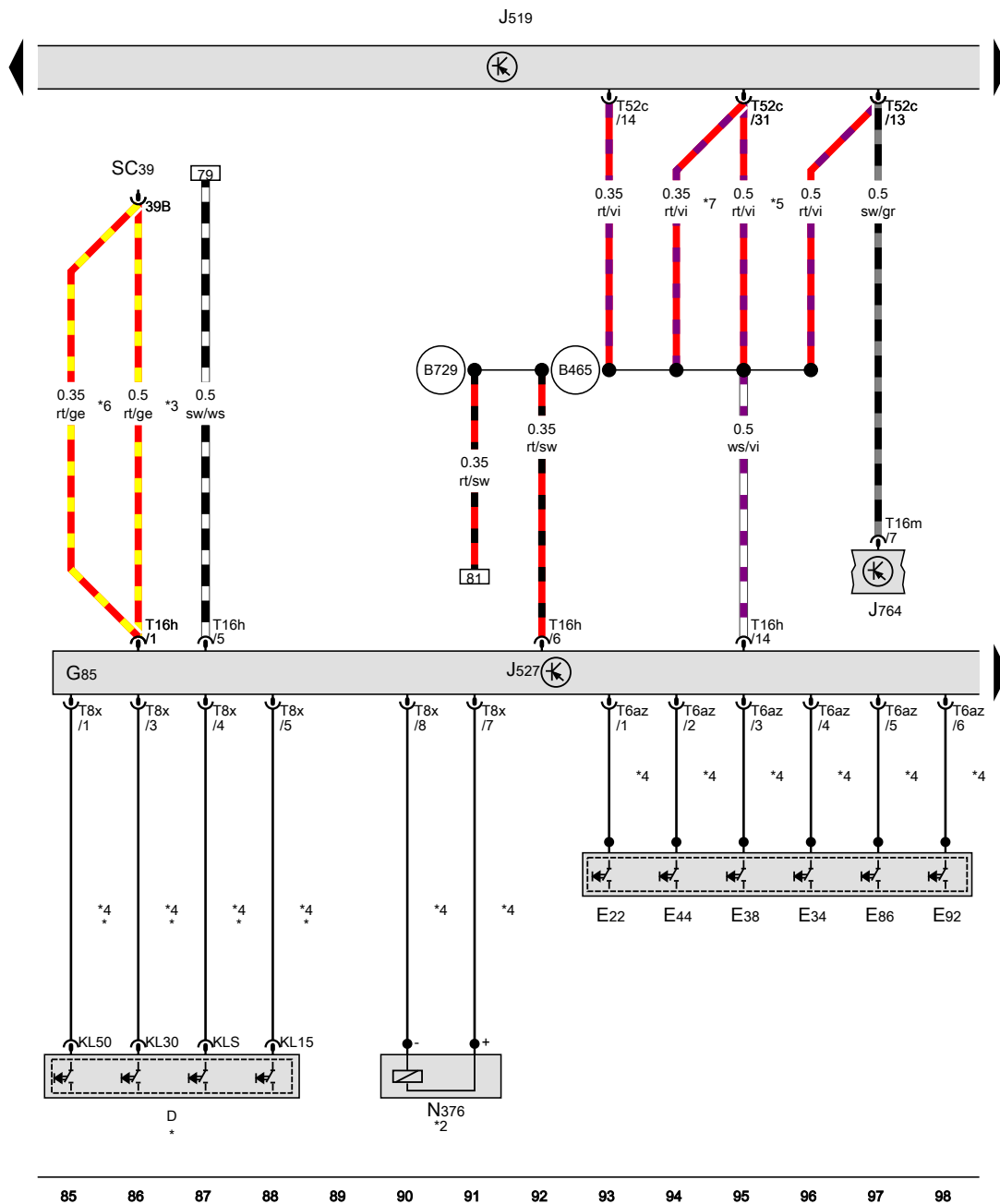
Light switch, Bonnet contact switch, Onboard supply control unit

- E1 Light switch
- E7 Fog light switch
- E18 Rear fog light switch
- F266 Bonnet contact switch
- J519 Onboard supply control unit
- J623 Engine/motor control unit
- L9 Light switch illumination bulb
- SC22 Fuse 22 on fuse holder C
- T2aw 2-pin connector
- T10h 10-pin connector
- T52a 52-pin connector

A168 Positive connection 4 (30a) in dash panel wiring harness

- * see applicable current flow diagram for engine
- *2 Up to May 2016
- *3 From May 2016

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Ignition/starter switch, Onboard supply control unit, Steering column electronics control unit

- D Ignition/starter switch
- E22 Intermittent wiper switch
- E34 Rear wiper switch
- E38 Intermittent wiper regulator
- E44 Washer pump switch (automatic wash/wipe and headlight washer system)
- E86 Multifunction display call-up button
- E92 Reset button
- G85 Steering angle sender
- 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
- SC39 Fuse 39 on fuse holder C
- T6az 6-pin connector
- T8x 8-pin connector
- T16h 16-pin connector
- T16m 16-pin connector
- T52c 52-pin connector

B465 Connection 1, in main wiring harness

B729 Connection 1 (50), in main wiring harness

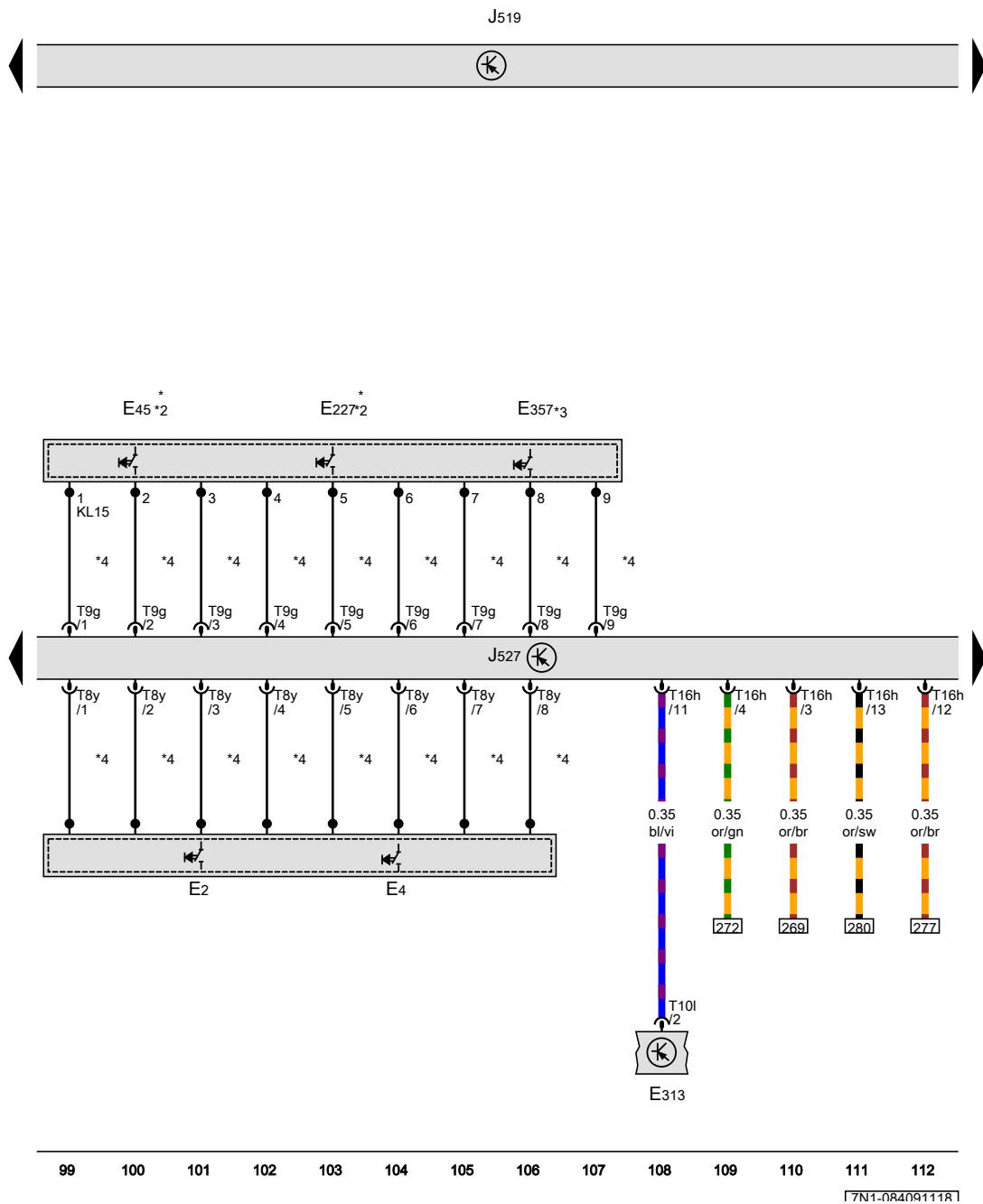
- * For models with no entry and start authorisation
- *2 For models with dual clutch gearbox
- *3 Up to May 2016
- *4 Adapter wire
- *5 Up to November 2017
- *6 From May 2016
- *7 From November 2017

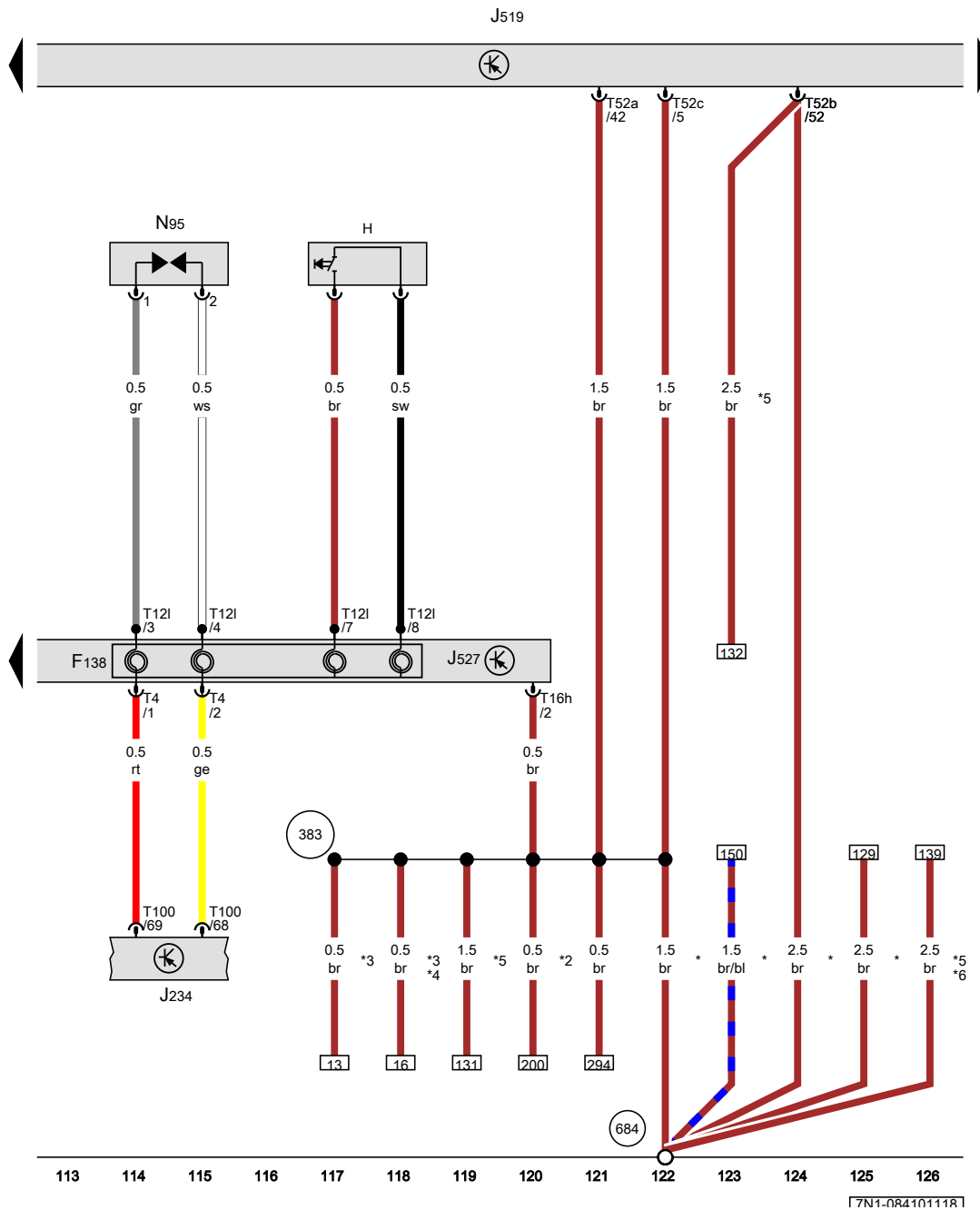
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17N1-0840R1118

Onboard supply control unit, Steering column electronics control unit

- E2 Turn signal switch
- E4 Headlight dipper and flasher switch
- E45 Cruise control system switch
- E227 Cruise control system (CCS) SET button
- E313 Selector lever
- E357 Adaptive cruise control button
- J519 Onboard supply control unit
- J527 Steering column electronics control unit
- T8y 8-pin connector
- T9g 9-pin connector
- T10l 10-pin connector
- T16h 16-pin connector
- * For models with cruise control system (CCS)
- *2 For models with no multifunction steering wheel
- *3 For models with adaptive cruise control (ACC)
- *4 Adapter wire





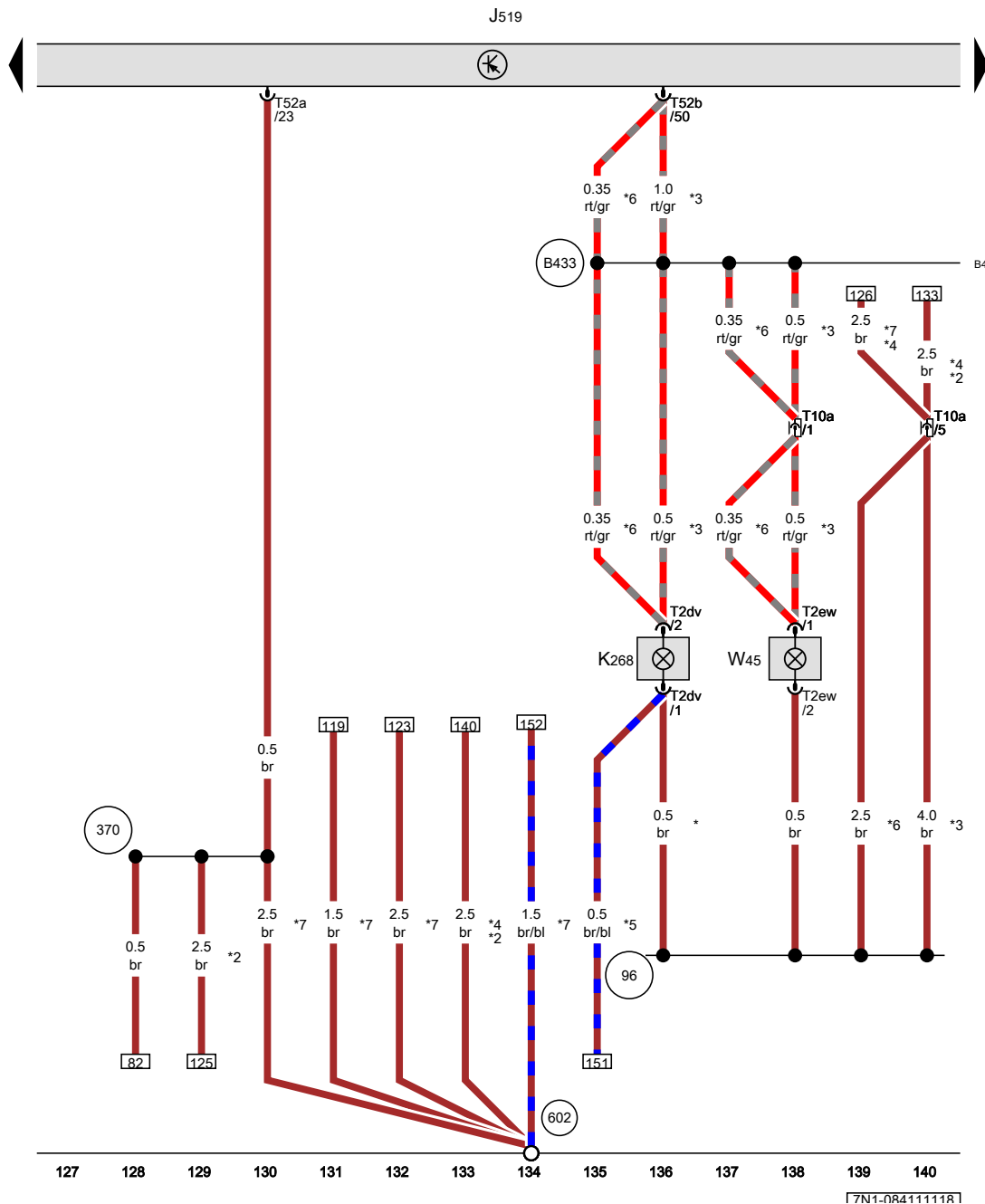
Horn plate, Onboard supply control unit, Steering column electronics control unit, Airbag igniter on driver side

- F138 Airbag coil connector and return ring with slip ring
- H Horn plate
- J234 Airbag control unit
- J519 Onboard supply control unit
- J527 Steering column electronics control unit
- N95 Airbag igniter on driver side
- T4 4-pin connector
- T121 12-pin connector
- T16h 16-pin connector
- T52a 52-pin connector
- T52b 52-pin connector
- T52c 52-pin connector
- T100 100-pin connector

383 Earth connection 18, in main wiring harness

684 Earth point on front of left side member

- * Up to November 2018
- *2 Up to November 2016
- *3 From November 2016
- *4 Up to May 2017
- *5 From November 2018
- *6 Cross section depends on equipment



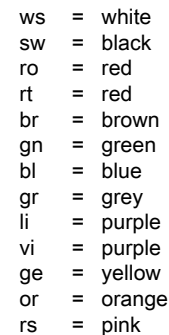
Onboard supply control unit, Front left footwell light, Rear left footwell light

J519 Onboard supply control unit
 K268 Front left footwell light
 T2dv 2-pin connector
 T2ew 2-pin connector
 T10a 10-pin connector
 T52a 52-pin connector
 T52b 52-pin connector
 W45 Rear left footwell light

96 Earth connection 1, in seat heating wiring harness
 370 Earth connection 5, in main wiring harness
 602 Earth point, in front left footwell
 B433 Connection (footwell light), in main wiring harness

* Up to November 2016
 *2 Up to November 2018
 *3 Up to May 2017
 *4 Cross section depends on equipment
 *5 From November 2016
 *6 From May 2017
 *7 From November 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



- * Up to November 2016
- *2 Up to May 2017
- *3 Up to November 2018
- *4 Cross-section 1.5 possible
- *5 From May 2017
- *6 From November 2016
- *7 From November 2018

Onboard supply control unit, Front interior light, Left centre reading light, Right centre reading light, Rear centre reading light

J519 Onboard supply control unit

T3au 3-pin connector

T3av 3-pin connector

T3ax 3-pin connector

T6r 6-pin connector

T52b 52-pin connector

T52c 52-pin connector

W1 Front interior light

W13 Front passenger reading light

W19 Driver side reading light

W39 Left centre reading light

W40 Right centre reading light

W44 Rear centre reading light

(393) Earth connection 28, in main wiring harness

(431) Earth connection 2, in roof wiring harness

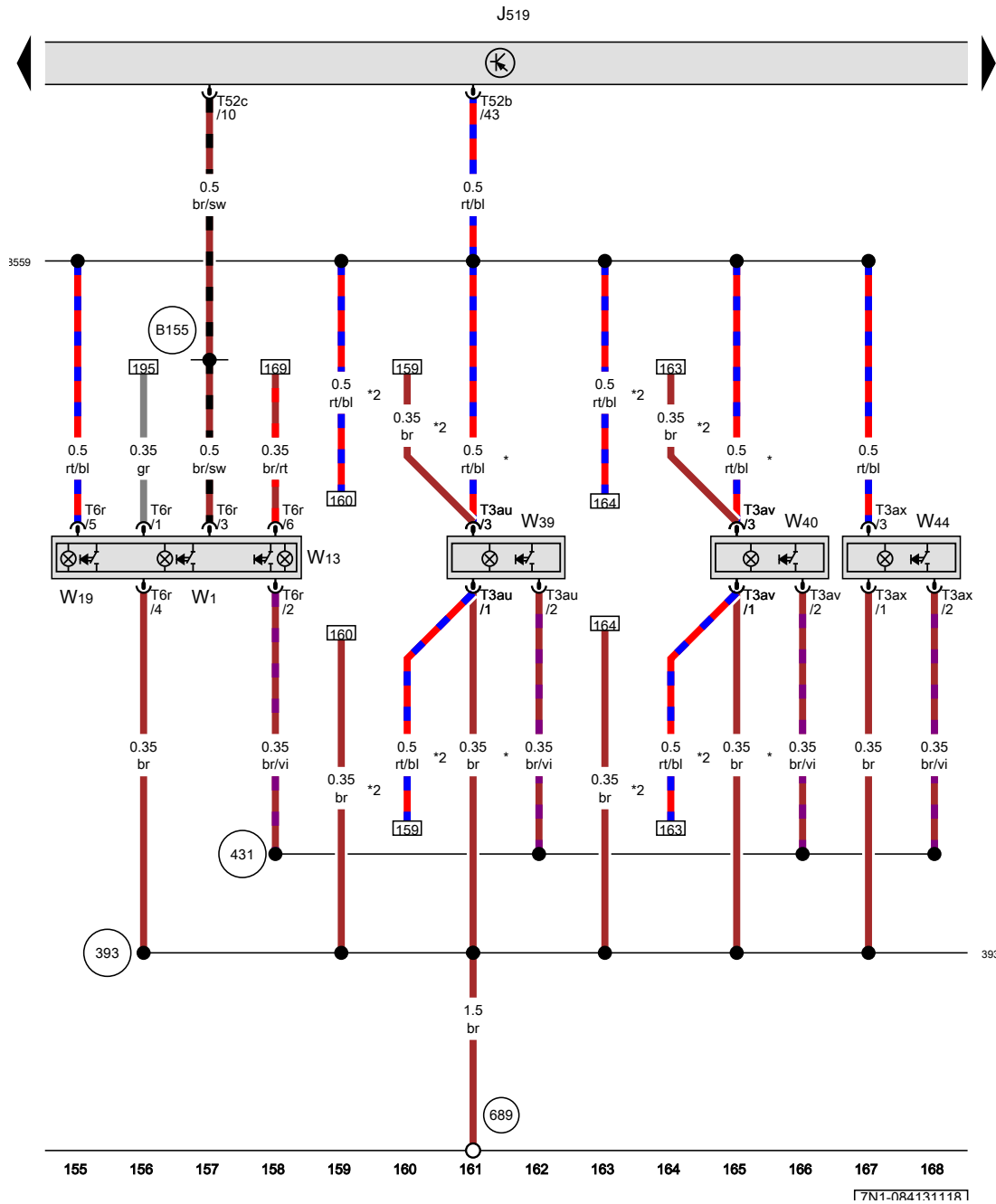
(689) Earth point, at front, central in roof

(B155) Connection 2 (DCt), in interior wiring harness

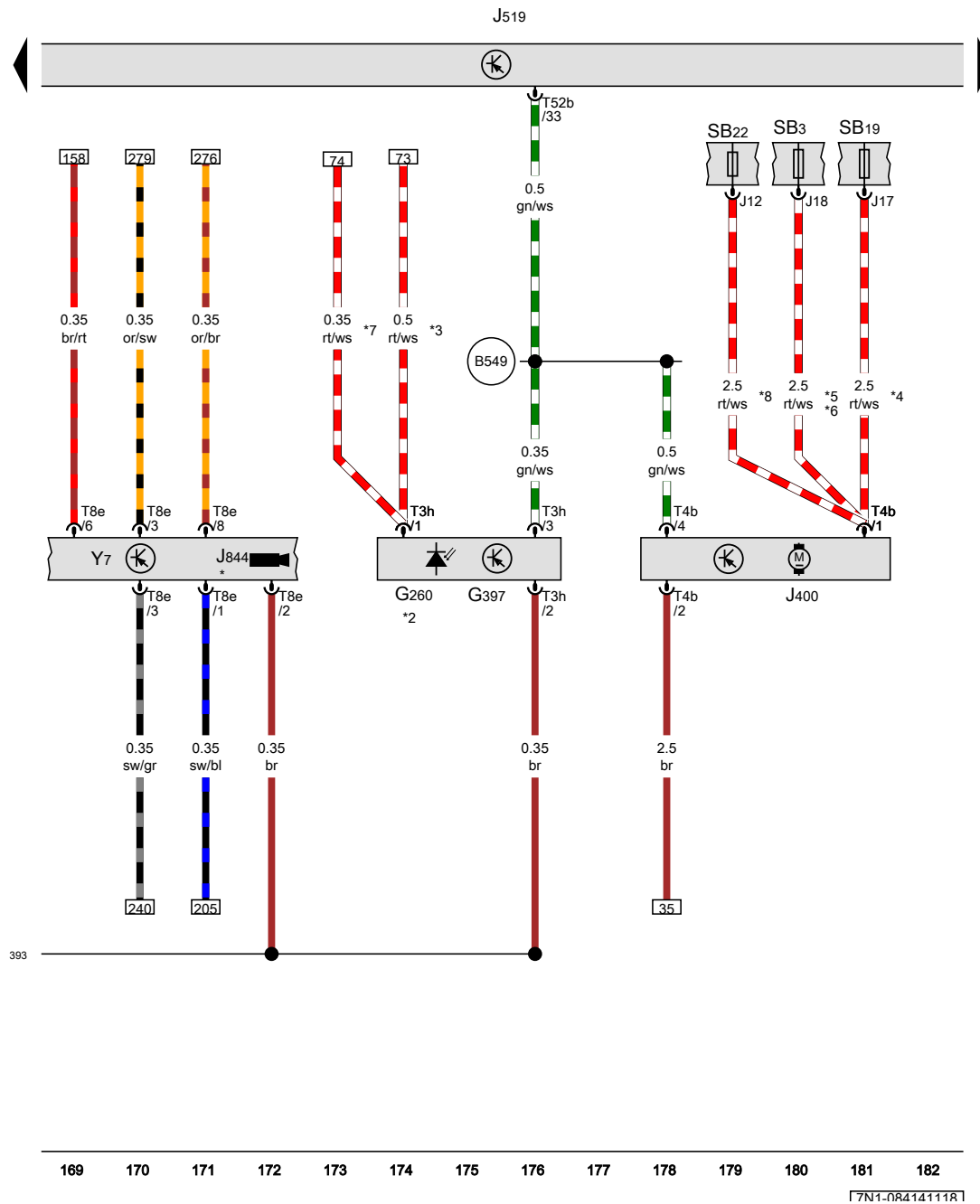
(B559) Positive connection 1 (30g), in main wiring harness

* Up to July 2018

*2 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



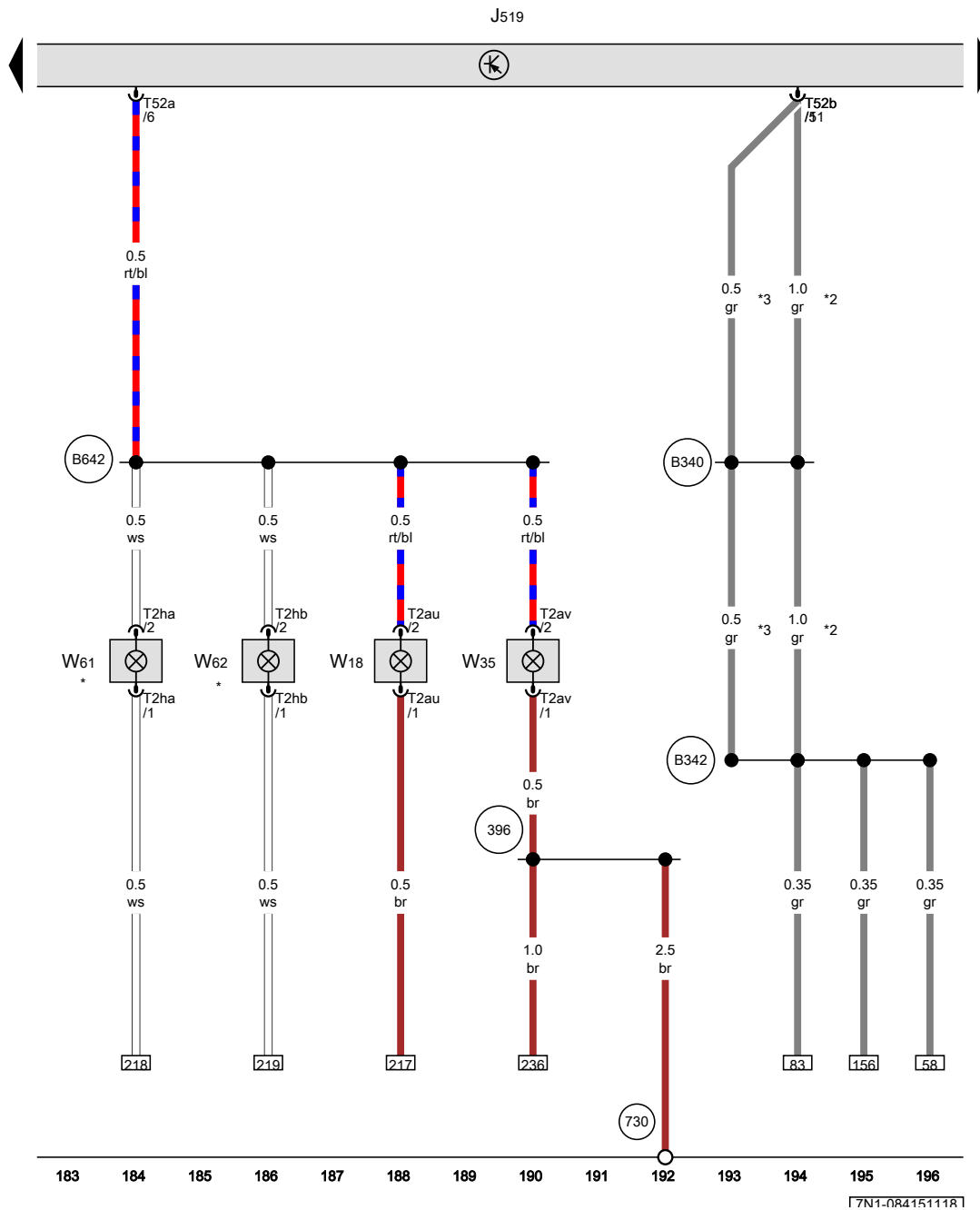
Humidity sender for air conditioning system, Rain and light sensor, Wiper motor control unit, Onboard supply control unit, Main beam assist control unit, Automatic anti-dazzle interior mirror

- G260 Humidity sender for air conditioning system
- G397 Rain and light sensor
- J400 Wiper motor control unit
- J519 Onboard supply control unit
- J844 Main beam assist control unit
- SB3 Fuse 3 on fuse holder B
- SB19 Fuse 19 on fuse holder B
- SB22 Fuse 22 on fuse holder B
- T3h 3-pin connector
- T4b 4-pin connector
- T8e 8-pin connector
- T52b 52-pin connector
- Y7 Automatic anti-dazzle interior mirror

- 393 Earth connection 28, in main wiring harness
- B549 Connection 2 (LIN bus) in main wiring harness

- * For models with main beam assist
- *2 According to equipment
- *3 Up to May 2016
- *4 Up to November 2015
- *5 From November 2015
- *6 Up to May 2017
- *7 From May 2016
- *8 From May 2017

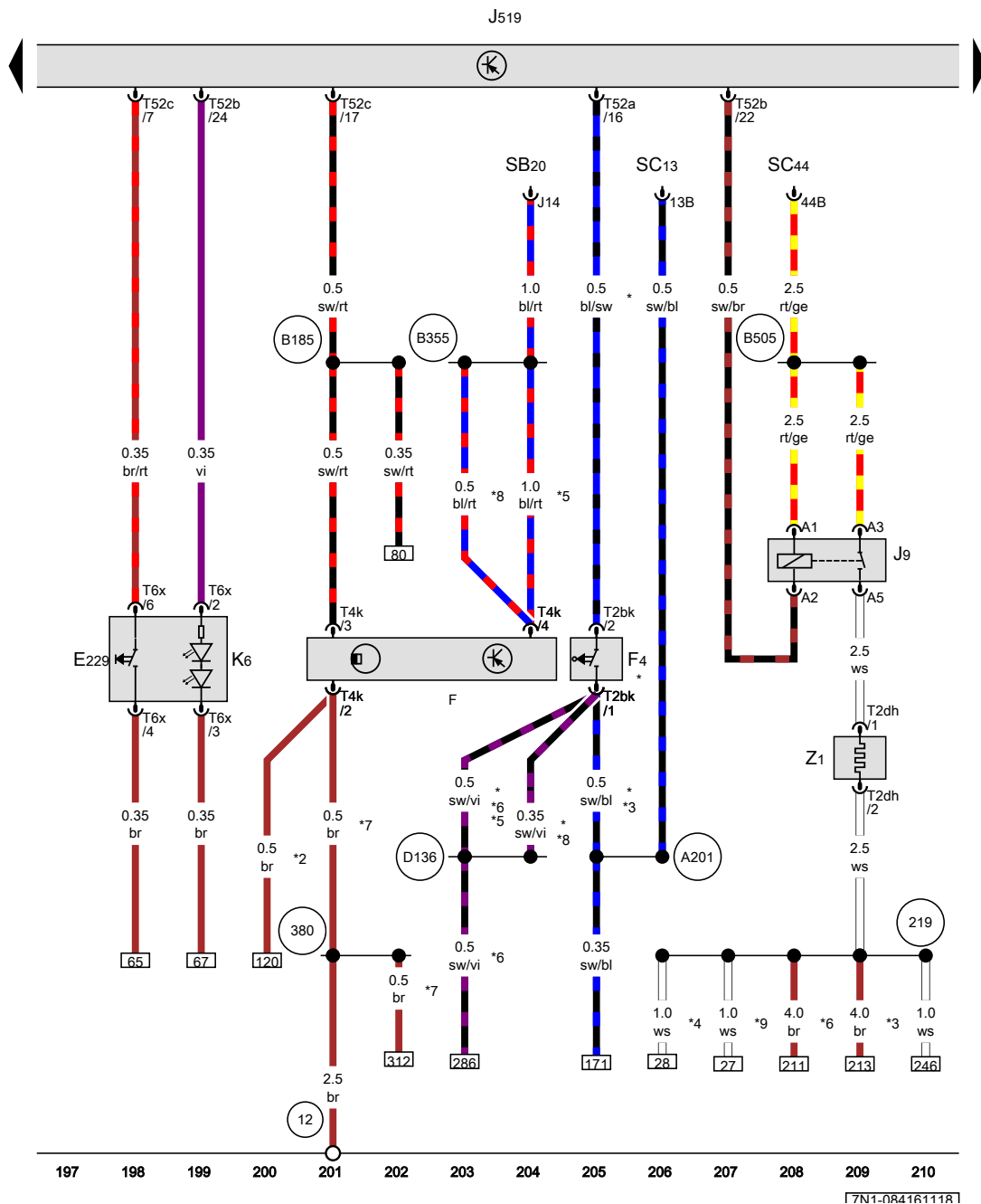
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Onboard supply control unit, Left luggage compartment light, Right luggage compartment light, Surround lighting 1 in rear lid, Surround lighting 2 in rear lid

- J519 Onboard supply control unit
- T2au 2-pin connector
- T2av 2-pin connector
- T2ha 2-pin connector
- T2hb 2-pin connector
- T52a 52-pin connector
- T52b 52-pin connector
- W18 Left luggage compartment light
- W35 Right luggage compartment light
- W61 Surround lighting 1 in rear lid
- W62 Surround lighting 2 in rear lid
- 396 Earth connection 31, in main wiring harness
- 730 Earth point 1, on right rear wheel housing
- B340 Connection 1 (58d), in main wiring harness
- B342 Connection 3 (58d), in main wiring harness
- B642 Positive connection (58), in main wiring harness
- * According to equipment
- *2 Up to May 2017
- *3 From May 2017

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Hazard warning lights button, Brake light switch, Reversing light switch, Heated rear window relay, Onboard supply control unit

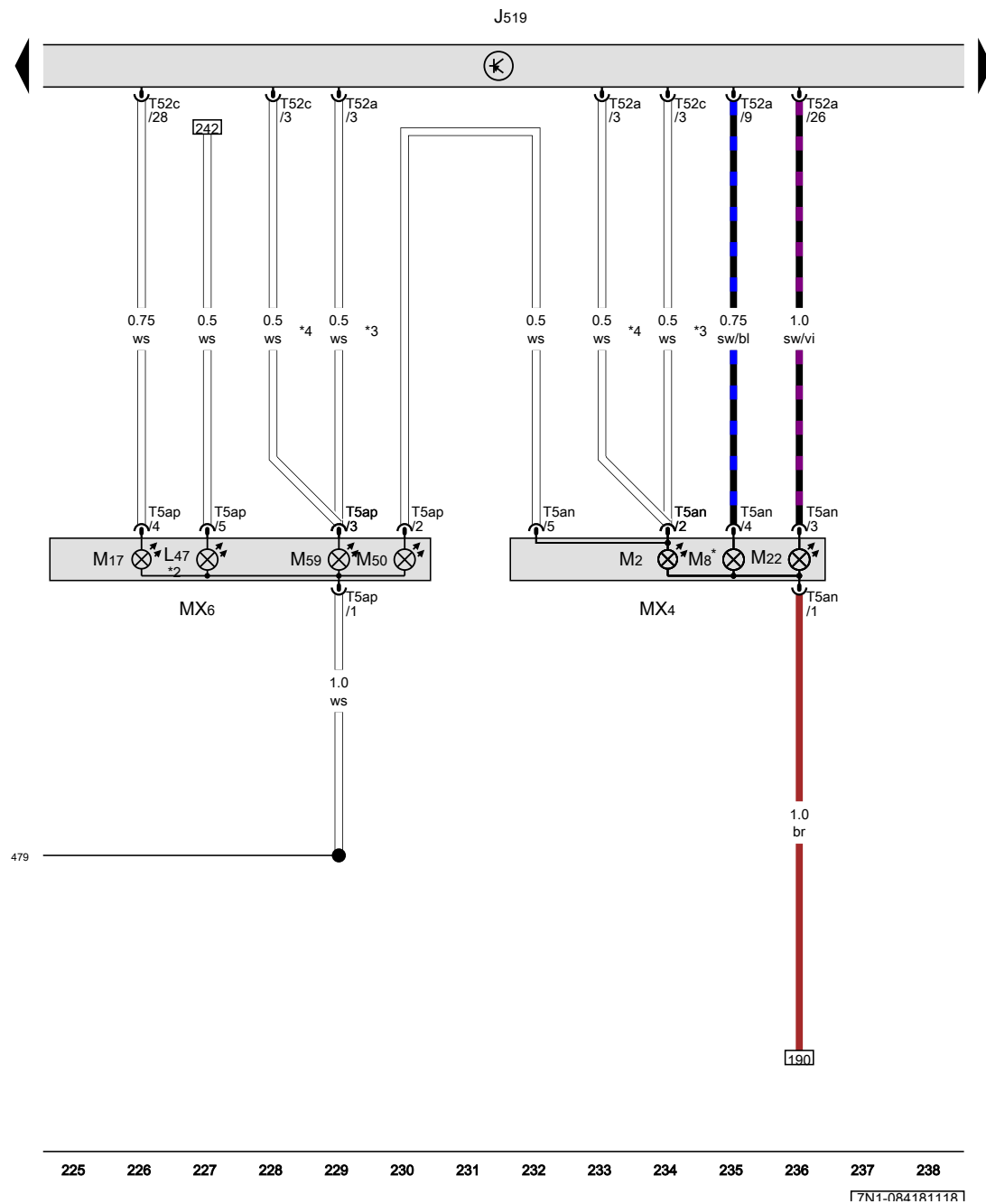
- E229 Hazard warning lights button
- F Brake light switch
- F4 Reversing light switch
- J9 Heated rear window relay
- J519 Onboard supply control unit
- K6 Indicator lamp for hazard warning light
- SC13 Fuse 13 on fuse holder C
- SB20 Fuse 20 on fuse holder B
- SC44 Fuse 44 on fuse holder C
- T2bk 2-pin connector
- T2dh 2-pin connector
- T4k 4-pin connector
- T6x 6-pin connector
- T52a 52-pin connector
- T52b 52-pin connector
- T52c 52-pin connector
- Z1 Heated rear window

- 12 Earth point, on left in engine compartment
- 219 Earth connection 2, in rear lid wiring harness
- 380 Earth connection 15, in main wiring harness
- A201 Positive connection 6 (15a) in dash panel wiring harness
- B185 Connection 2 (54), in interior wiring harness
- B355 Positive connection 6 (87a) in main wiring harness
- B505 Positive connection 9 (30a), in interior wiring harness
- D136 Positive connection 2 (15a), in engine compartment wiring harness

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

- * Not for models with dual clutch gearbox
- *2 Up to November 2016
- *3 Up to May 2016
- *4 Up to November 2017
- *5 Up to May 2017
- *6 From May 2016
- *7 From November 2016
- *8 From May 2017
- *9 From November 2017





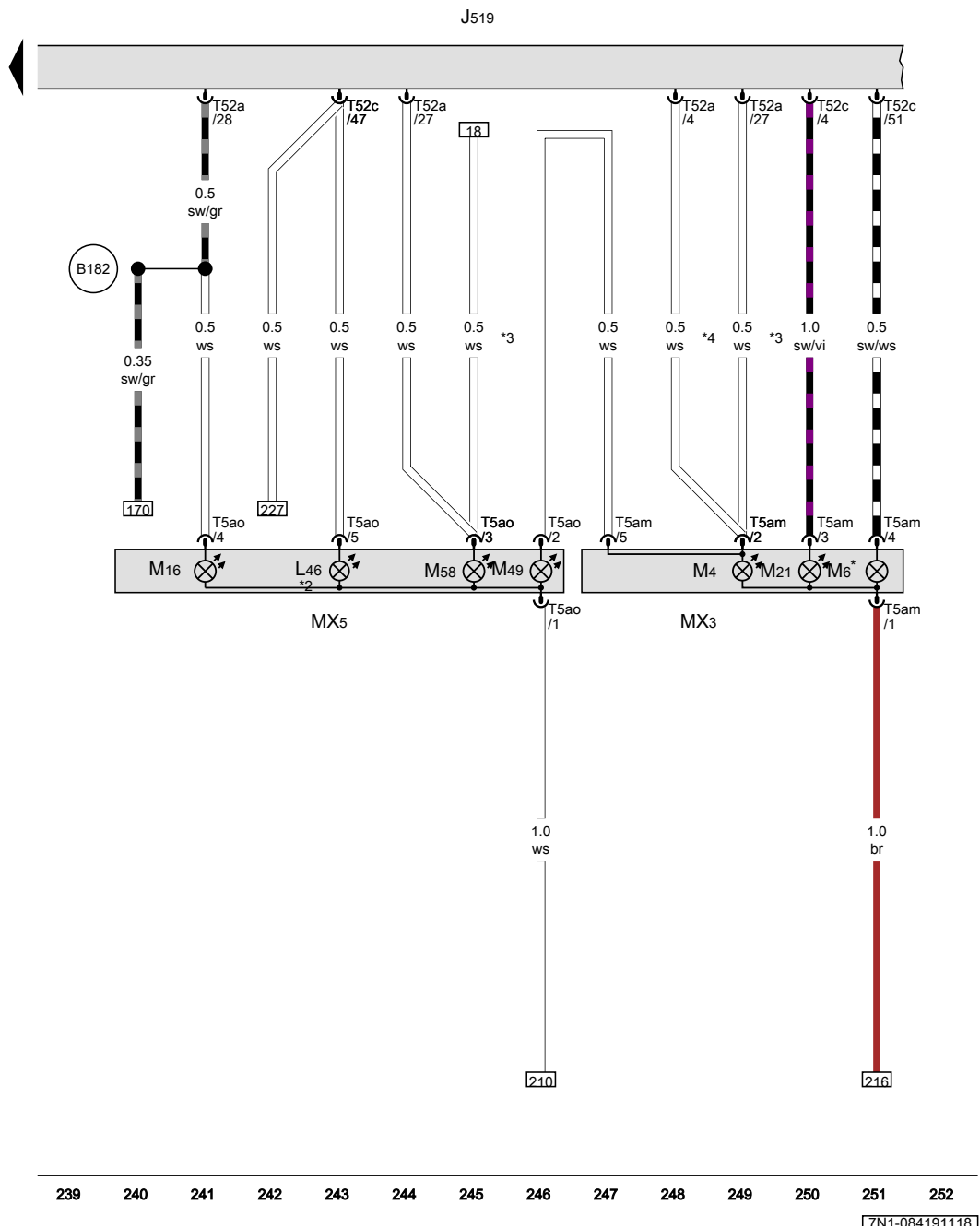
Onboard supply control unit, Right tail light cluster, Right tail light cluster 2

- J519 Onboard supply control unit
- L47 Rear right fog light bulb
- M2 Right tail light bulb
- MX4 Right tail light cluster
- MX6 Right tail light cluster 2
- M8 Rear right turn signal bulb
- M17 Right reversing light bulb
- M22 Right brake and tail light bulb
- M50 Right tail light bulb 2
- M59 Right brake and tail light bulb 2
- T5an 5-pin connector, black
- T5ap 5-pin connector, black
- T52a 52-pin connector
- T52c 52-pin connector

479 Earth connection 4, in rear lid wiring harness

- * Also as LED version
- *2 For right-hand drive models
- *3 Up to May 2016
- *4 From May 2016

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



Onboard supply control unit, Left tail light cluster, Left tail light cluster 2, Left brake and tail light bulb 2

- J519 Onboard supply control unit
- L46 Rear left fog light bulb
- MX3 Left tail light cluster
- M4 Left tail light bulb
- MX5 Left tail light cluster 2
- M6 Rear left turn signal bulb
- M16 Left reversing light bulb
- M21 Left brake and tail light bulb
- M49 Left tail light bulb 2
- M58 Left brake and tail light bulb 2
- T5am 5-pin connector, black
- T5ao 5-pin connector, black
- T52a 52-pin connector
- T52c 52-pin connector

B182 Connection (RL), in interior wiring harness

- * Also as LED version
- *2 For left-hand drive models
- *3 Up to May 2016
- *4 From May 2016

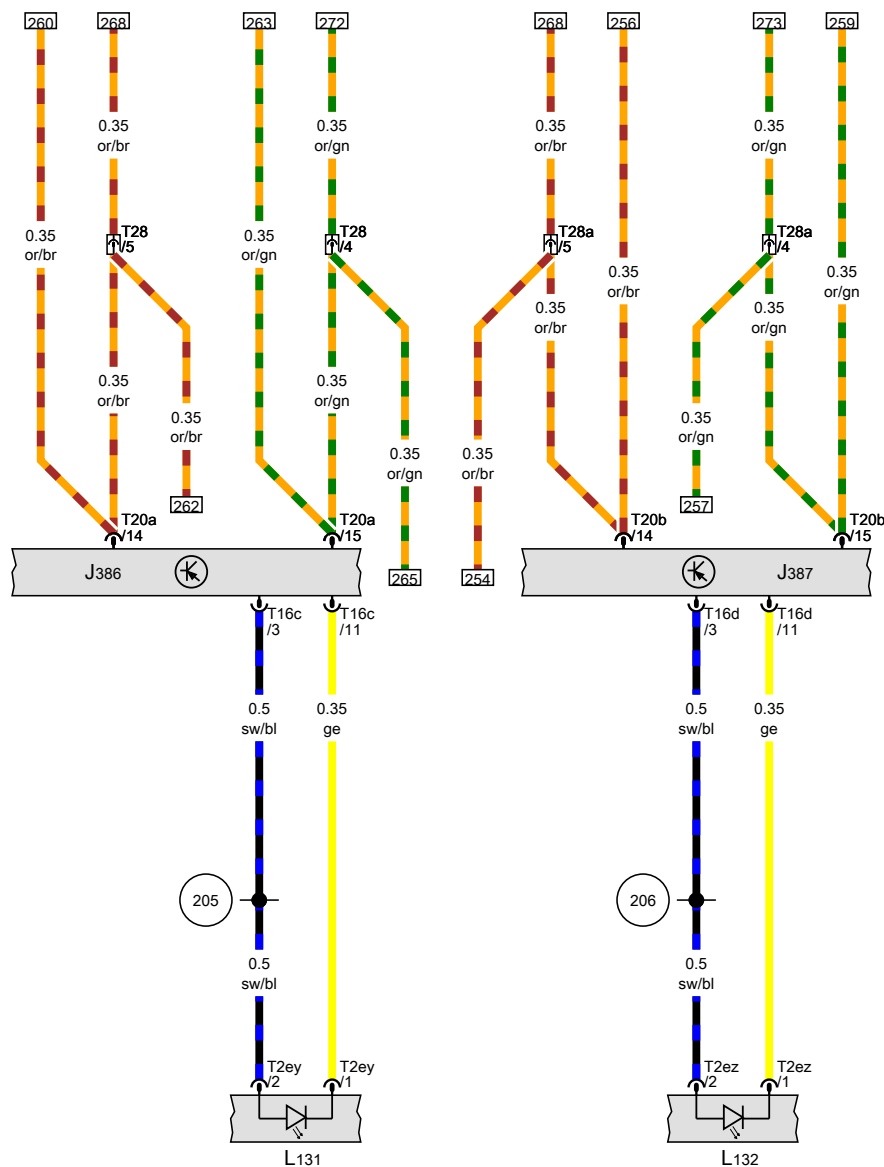
- ws = white
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- bl = blue
- gr = grey
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- rs = pink

Driver door control unit, Front passenger door control unit,
Driver side turn signal repeater bulb, Front passenger side
turn signal repeater bulb

- J386 Driver door control unit
- J387 Front passenger door control unit
- L131 Driver side turn signal repeater bulb
- L132 Front passenger side turn signal repeater bulb
- T2ey 2-pin connector
- T2ez 2-pin connector
- T16c 16-pin connector
- T16d 16-pin connector
- T20a 20-pin connector
- T20b 20-pin connector
- T28 28-pin connector
- T28a 28-pin connector

205 Earth connection, in driver door wiring harness

206 Earth connection, in front passenger door wiring harness



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

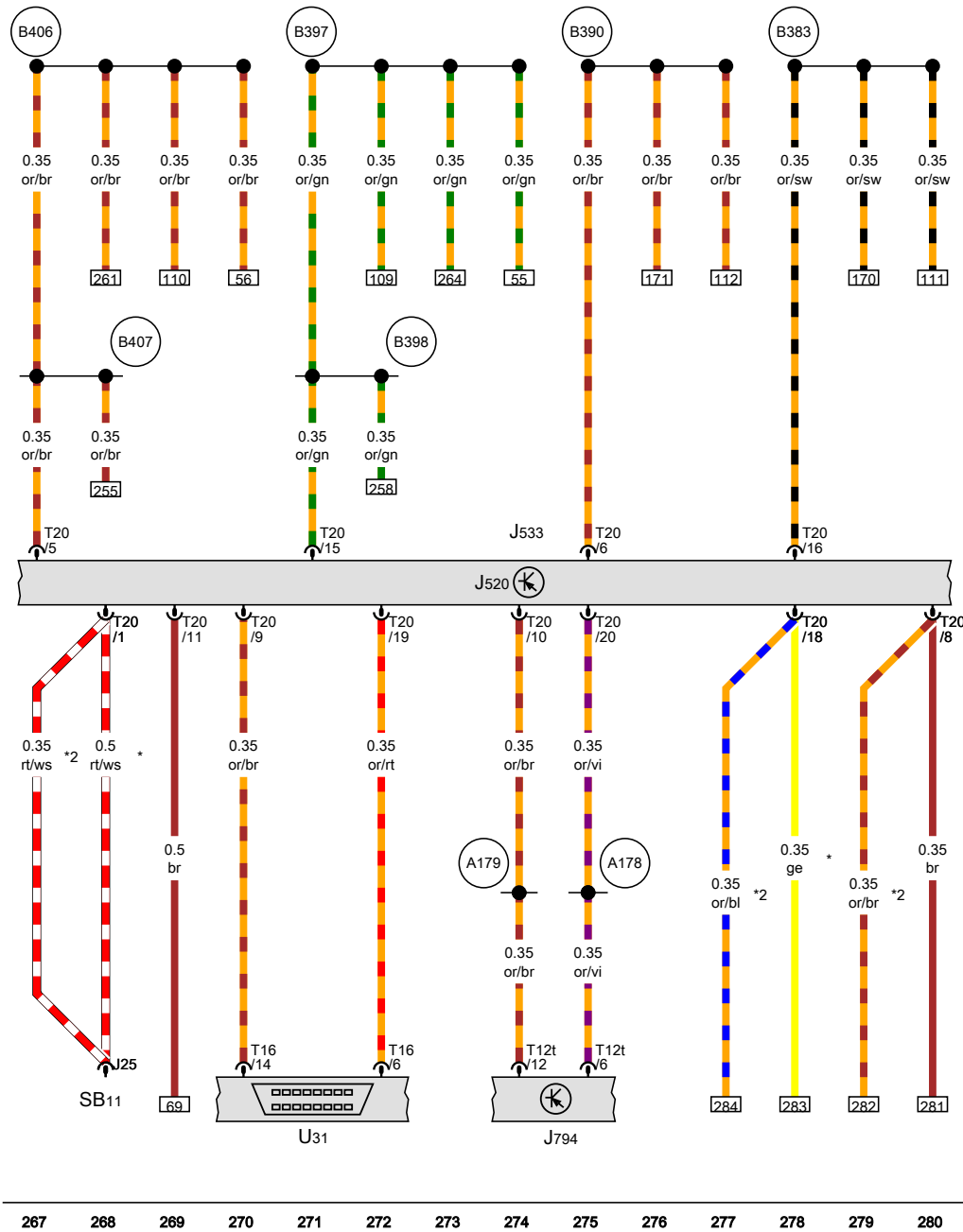
Data bus diagnostic interface, Control unit 1 for information electronics, Diagnostic connection

- J520 Onboard supply control unit 2
- J533 Data bus diagnostic interface
- J794 Control unit 1 for information electronics
- SB11 Fuse 11 on fuse holder B
- T12t 12-pin connector, black
- T16 16-pin connector
- T20 20-pin connector
- U31 Diagnostic connection

- A178 Connection (infotainment CAN bus, high), in dash panel wiring harness
- A179 Connection (infotainment CAN bus, low), in dash panel 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

- * Up to May 2016
- *2 From May 2016

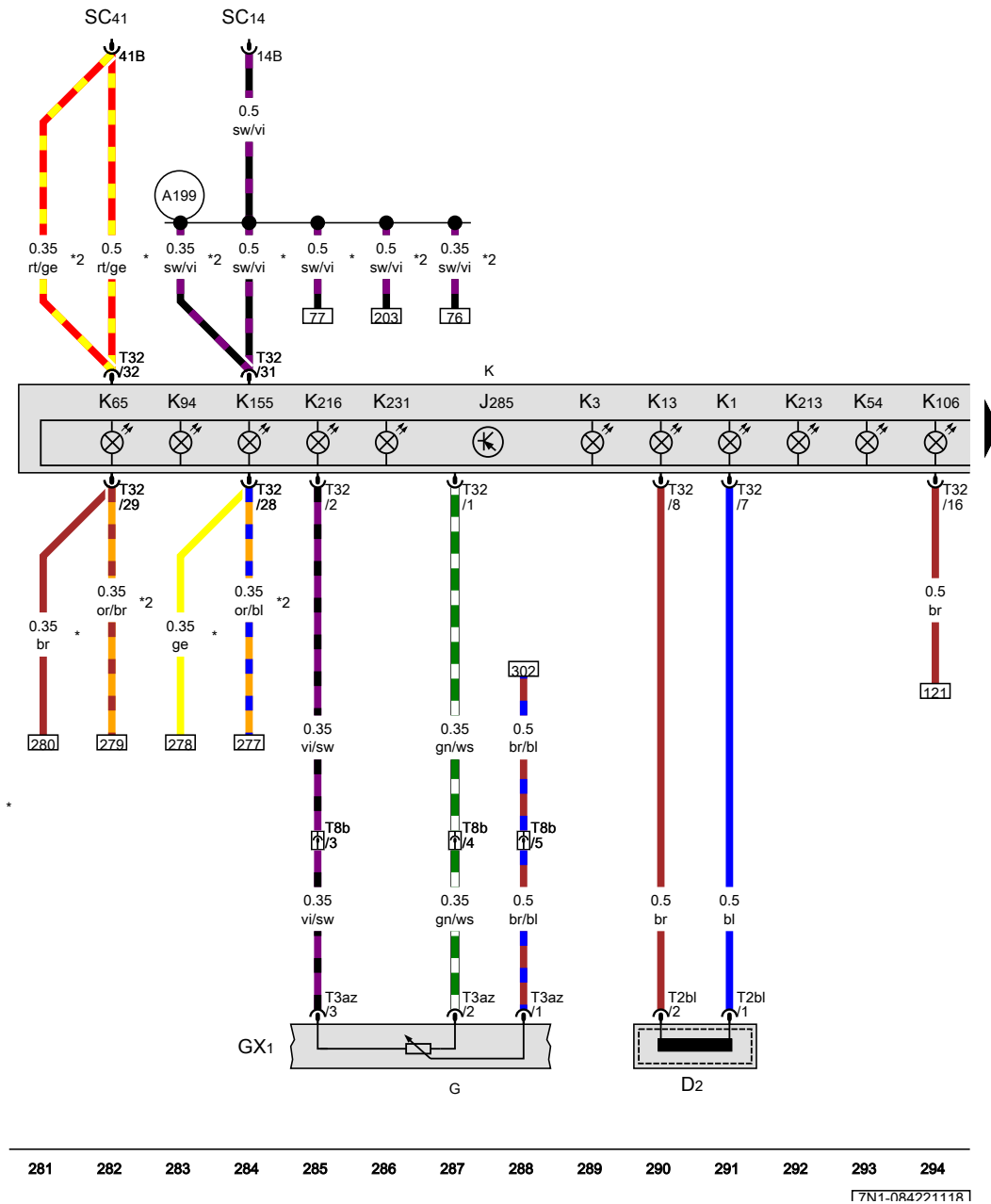
- ws = white
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- br = brown
- gn = green
- bl = blue
- gr = grey
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- vi = purple
- ge = yellow
- or = orange
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17N1-0842111181

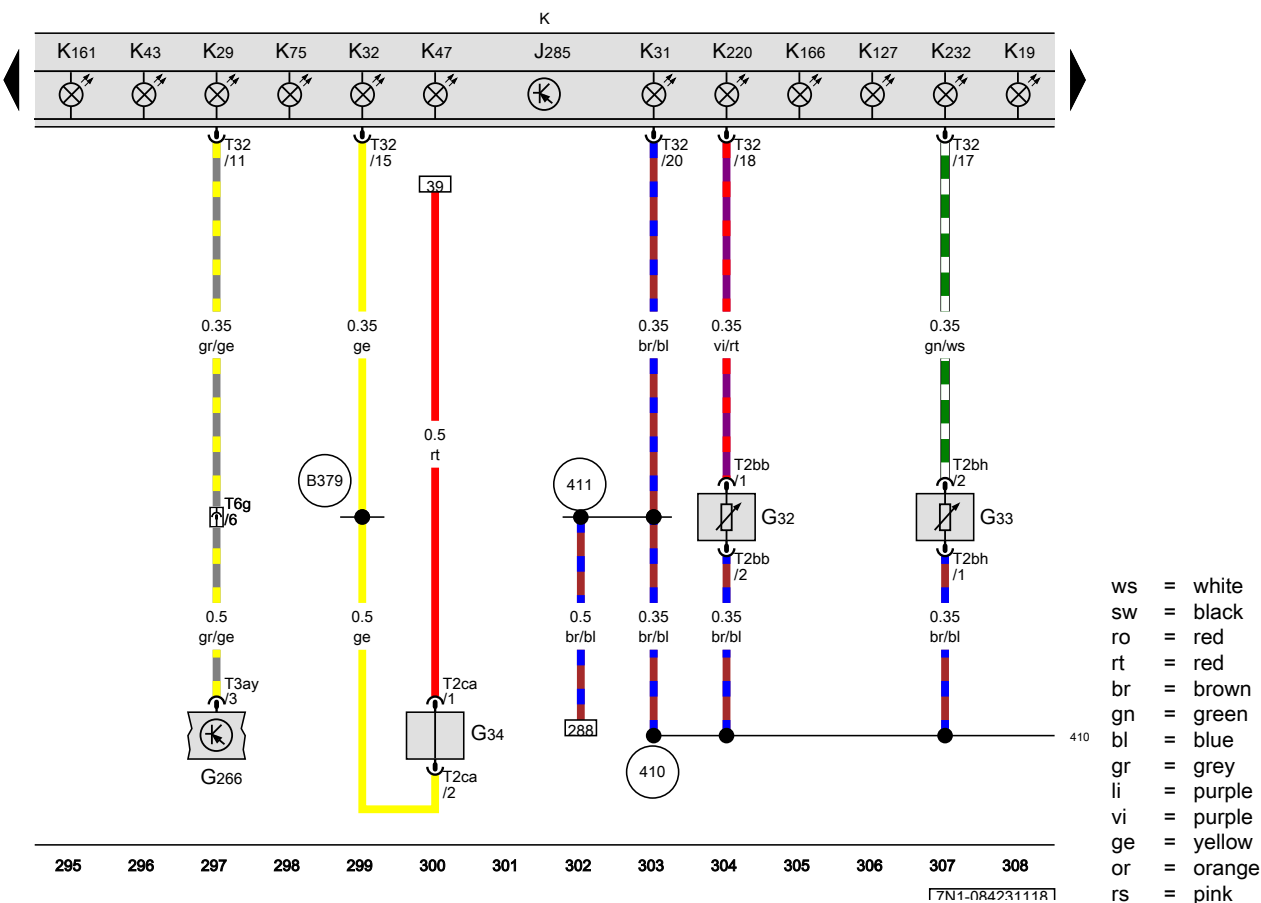
Immobiliser reader coil, Fuel delivery unit, Dash panel insert

- D2 Immobiliser reader coil
- G Fuel gauge sender
- GX1 Fuel delivery unit
- J285 Control unit in dash panel insert
- K Dash panel insert
- K1 Main beam warning lamp
- K3 Oil pressure warning lamp
- K13 Rear fog light warning lamp
- K54 Battery charge condition warning lamp: red LED for less than 12 Volt
- K65 Left turn signal warning lamp
- K94 Right turn signal warning lamp
- K106 Washer fluid low warning lamp
- K155 Warning lamp for electronic stabilisation program and TCS
- K213 Electromechanical parking brake warning lamp
- K216 Warning lamp 2 for electronic stabilisation program and TCS
- K231 Diesel particulate filter warning lamp
- SC14 Fuse 14 on fuse holder C
- SC41 Fuse 41 on fuse holder C
- T2bl 2-pin connector
- T3az 3-pin connector
- T8b 8-pin connector
- T32 32-pin connector
- A199 Positive connection 4 (15a) in dash panel wiring harness
- * Up to May 2016
- *2 From May 2016



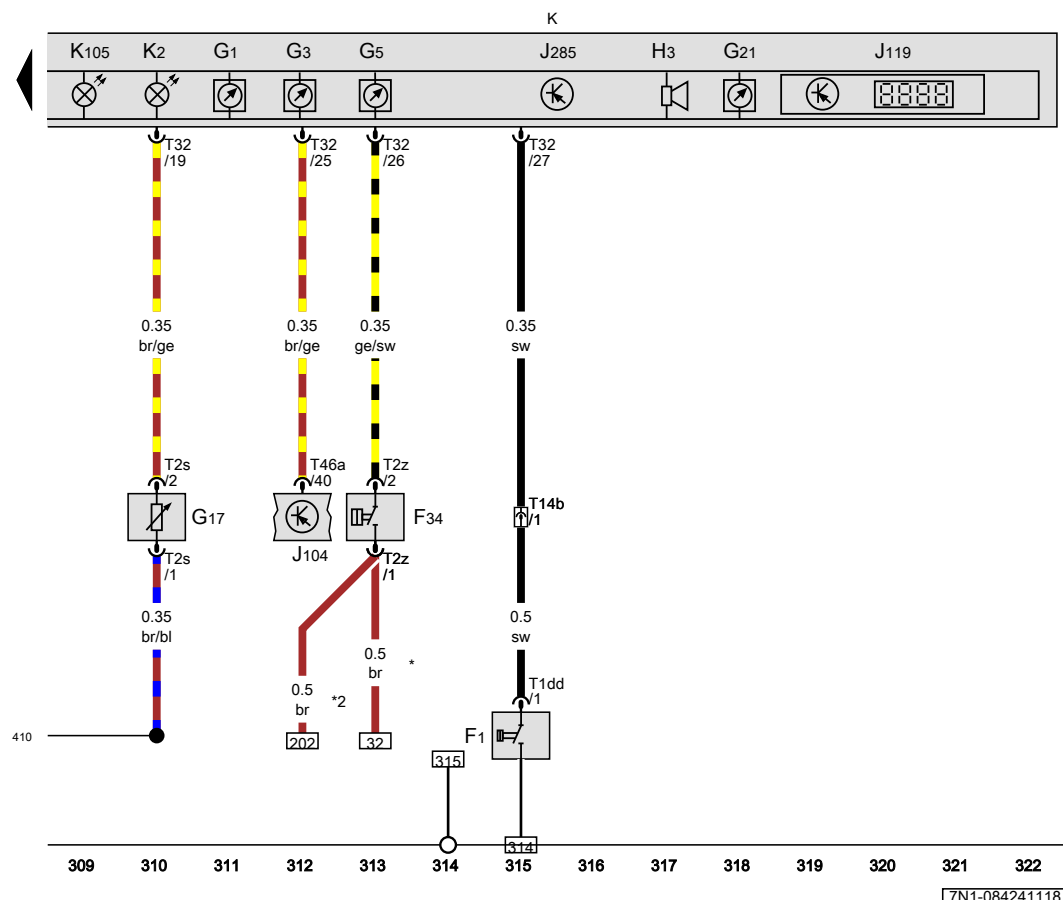
Coolant shortage indicator sender, Windscreen washer fluid level sender, Front left brake pad wear sender, Oil level and oil temperature sender, Dash panel insert

- G32 Coolant shortage indicator sender
- G33 Windscreen washer fluid level sender
- G34 Front left brake pad wear sender
- G266 Oil level and oil temperature sender
- J285 Control unit in dash panel insert
- K Dash panel insert
- K19 Seat belt warning system warning lamp
- K29 Glow period warning lamp
- K31 Cruise control system warning lamp
- K32 Brake pad warning lamp
- K43 Coolant temperature warning lamp (too cold)
- K47 ABS warning lamp
- K75 Airbag warning lamp
- K127 Rear lid open warning lamp
- K161 Electromechanical power steering warning lamp
- K166 Door open warning lamp
- K220 Tyre Pressure Loss Indicator warning lamp
- K232 Lane change assist warning lamp
- T2bb 2-pin connector
- T2bh 2-pin connector
- T2ca 2-pin connector
- T3ay 3-pin connector
- T6g 6-pin connector, black
- T32 32-pin connector
- 410 Earth connection 1 (sender earth) in main wiring harness
- 411 Earth connection 2 (sender earth) in main wiring harness
- B379 Connection 1 (brake pad wear indicator), in main wiring harness



Oil pressure switch, Brake fluid level warning contact, Ambient temperature sensor, ABS control unit, Dash panel insert

- F1 Oil pressure switch
- F34 Brake fluid level warning contact
- G1 Fuel gauge
- G3 Coolant temperature gauge
- G5 Rev. counter
- G17 Ambient temperature sensor
- G21 Speedometer
- H3 Buzzer and gong
- J104 ABS control unit
- J119 Multifunction indicator
- J285 Control unit in dash panel insert
- K Dash panel insert
- K2 Alternator warning lamp
- K105 Reserve fuel warning lamp
- T1dd 1-pin connector, black
- T2s 2-pin connector
- T2z 2-pin connector
- T14b 14-pin connector
- T32 32-pin connector
- T46a 46-pin connector, black



410 Earth connection 1 (sender earth) in main wiring harness

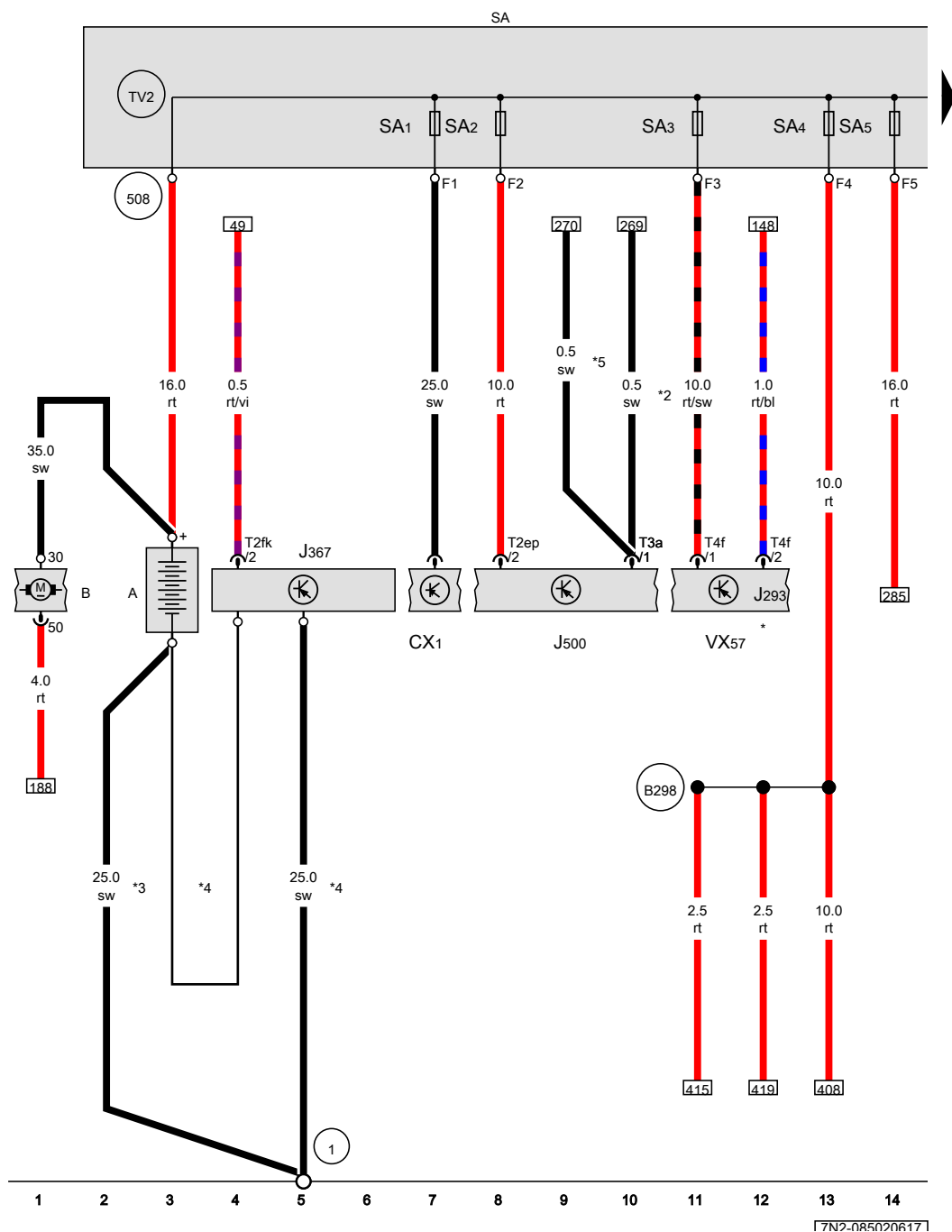
* Up to November 2016

*2 From November 2016

- ws = white
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- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
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Fuse assignment

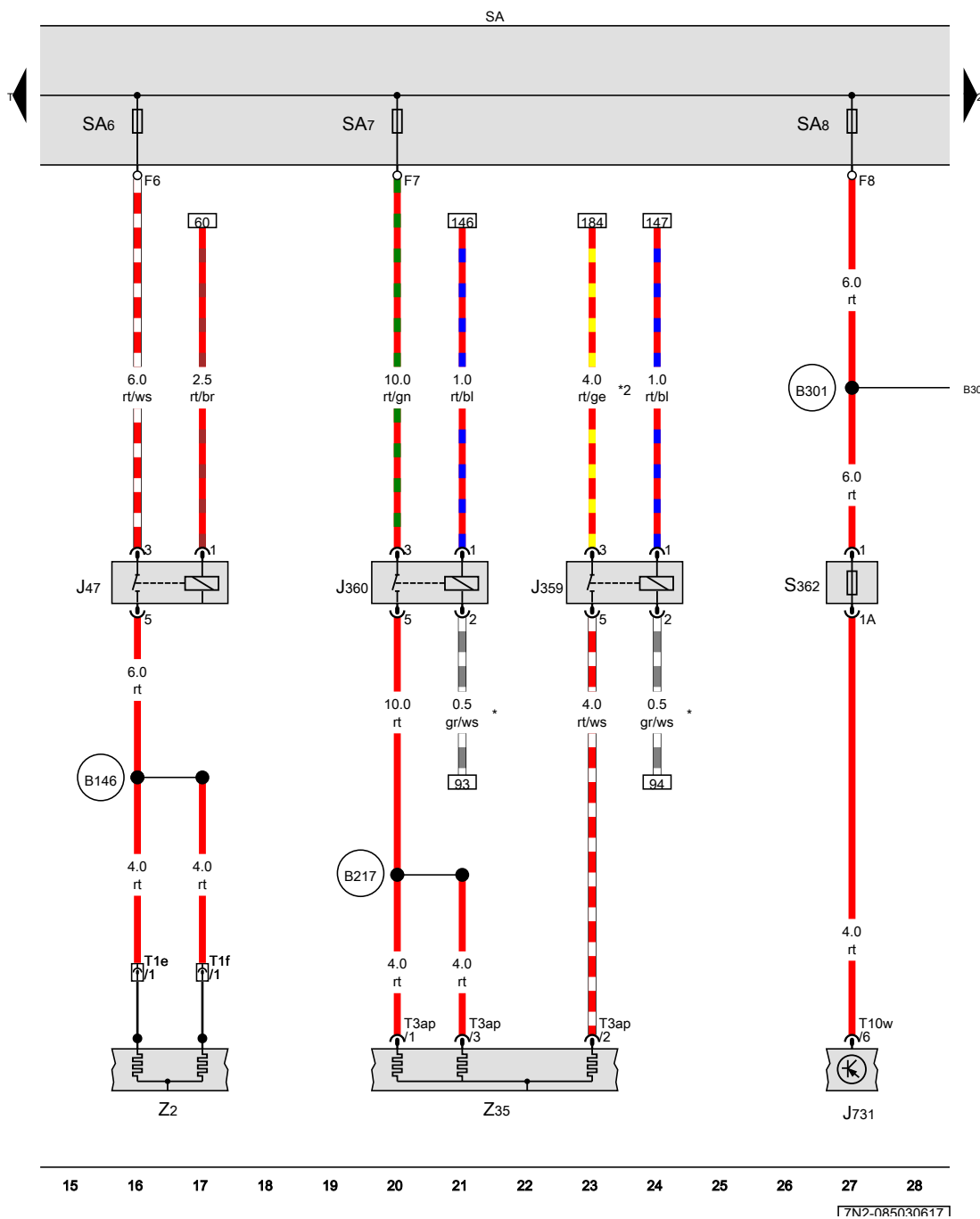
From May 2015



Battery, Starter, Battery monitor control unit, Fuse holder A

- A Battery
- B Starter
- CX1 Alternator with voltage regulator
- J293 Radiator fan control unit
- J367 Battery monitor control unit
- J500 Power steering control unit
- SA Fuse holder A
- 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
- T2ep 2-pin connector
- T2fk 2-pin connector
- T3a 3-pin connector
- T4f 4-pin connector
- VX57 Radiator fan

- 1 Earth strap, battery - body
- 508 Threaded connection (30) on E-box
- B298 Positive connection 2 (30), in main wiring harness
- TV2 Terminal 30 wiring junction
- * Pre-wired component
- *2 For models with petrol engine
- *3 For models with no start/stop system
- *4 For models with start/stop system
- *5 For models with diesel engine



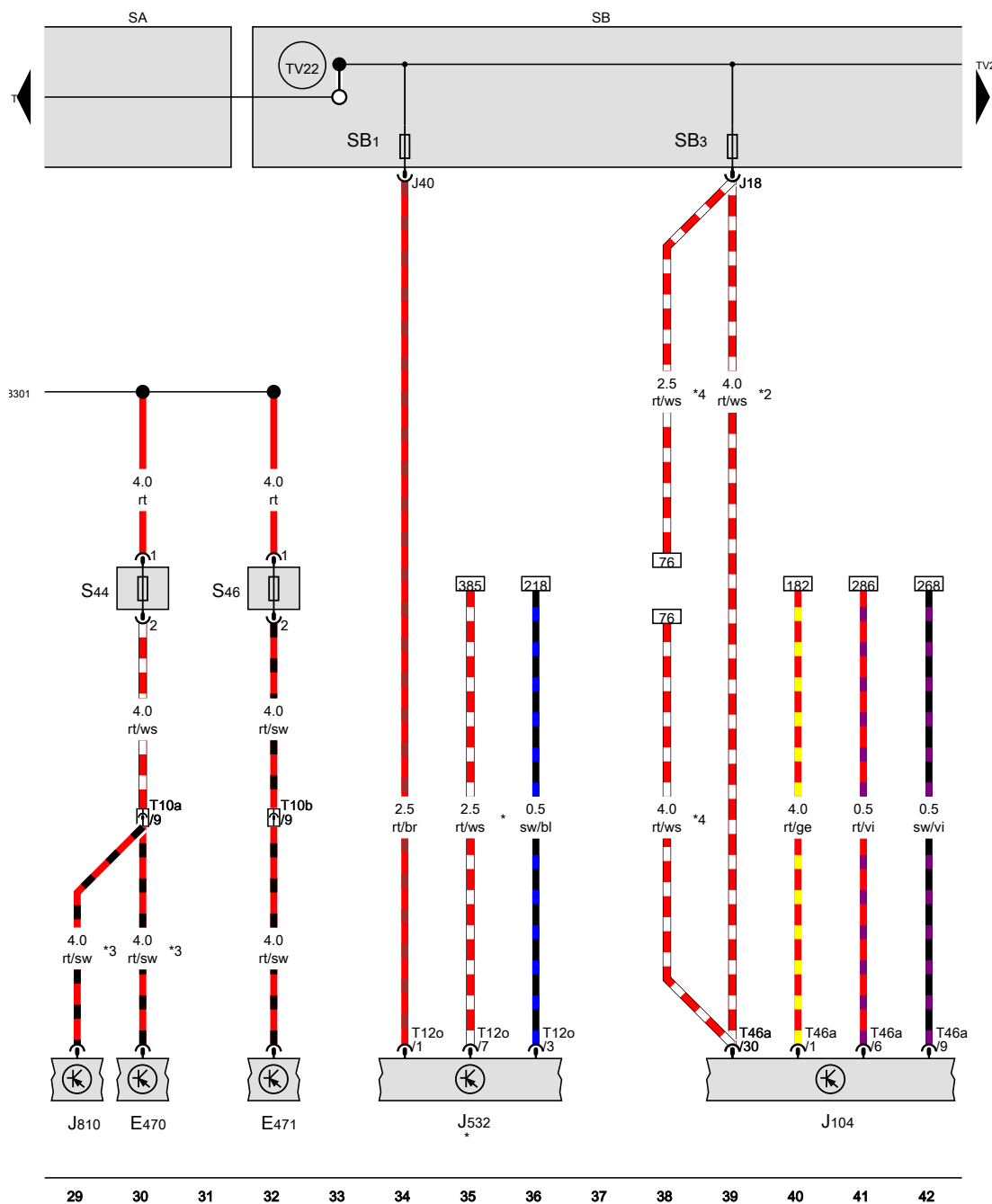
Fuse holder A

- J47 Heated windscreen relay
- J359 Low heat output relay
- J360 High heat output relay
- J731 Right sliding door control unit
- S362 Thermal fuse 2
- SA Fuse holder A
- SA6 Fuse 6 on fuse holder A
- SA7 Fuse 7 on fuse holder A
- SA8 Fuse 8 on fuse holder A
- T1e 1-pin connector
- T1f 1-pin connector
- T3ap 3-pin connector
- T10w 10-pin connector
- Z2 Heated windscreen
- Z35 Auxiliary air heater element

- B146 Positive connection 1 (87), in interior wiring harness
- B217 Connection (auxiliary heater), in interior wiring harness
- B301 Positive connection 5 (30), in main wiring harness
- TV2 Terminal 30 wiring junction

- * see applicable current flow diagram for engine
- *2 According to equipment

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
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- ge = yellow
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Fuse holder A, Fuse holder B

- E470 Driver seat adjustment operating unit
- E471 Front passenger seat adjustment operating unit
- J104 ABS control unit
- J532 Voltage stabiliser
- J810 Driver seat adjustment control unit
- S44 Driver seat adjustment thermal fuse 1
- S46 Front passenger seat adjustment thermal fuse 1
- SA Fuse holder A
- SB Fuse holder B
- SB1 Fuse 1 on fuse holder B
- SB3 Fuse 3 on fuse holder B
- T10a 10-pin connector
- T10b 10-pin connector
- T12o 12-pin connector
- T46a 46-pin connector, black

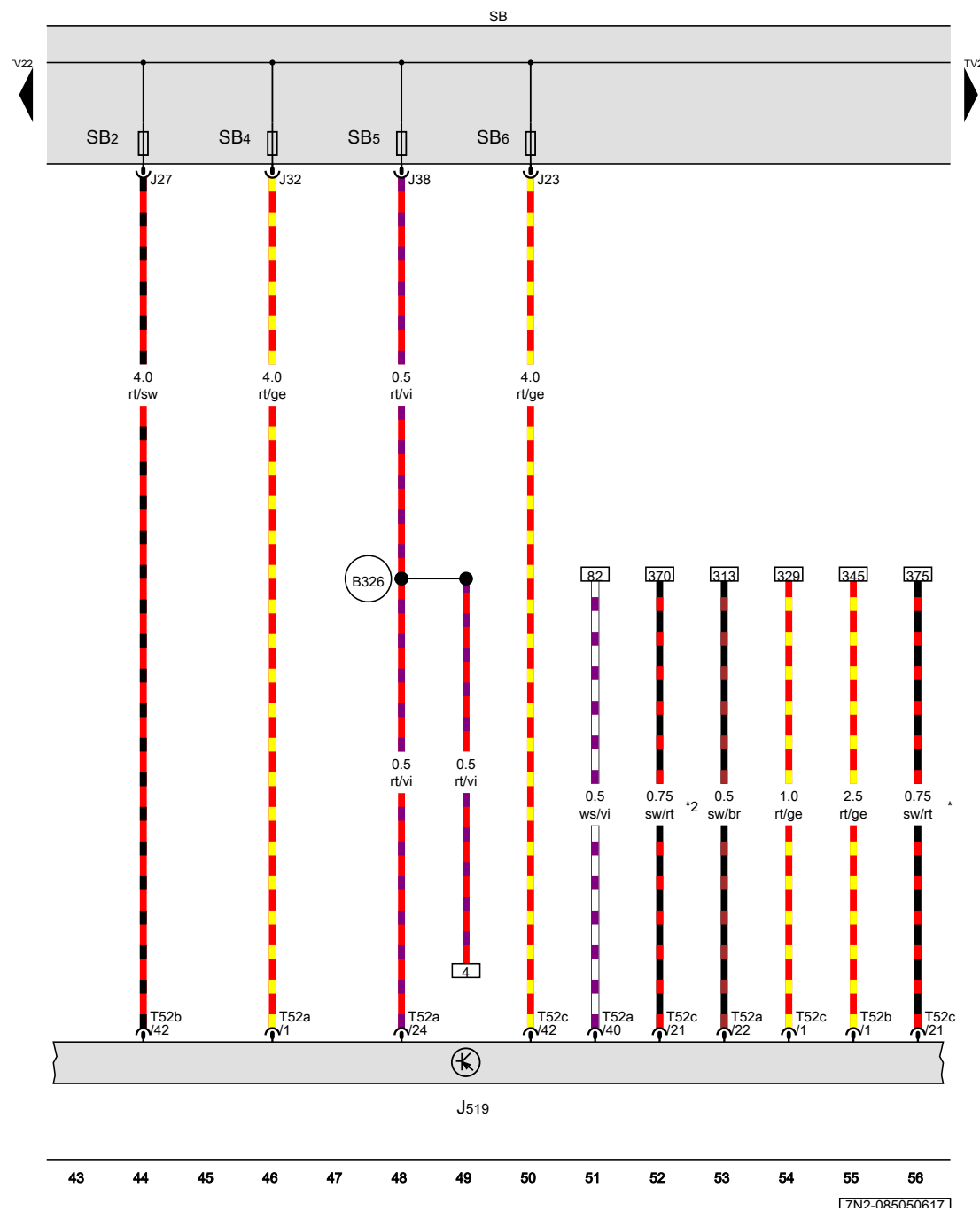
B301 Positive connection 5 (30), in main wiring harness

TV2 Terminal 30 wiring junction

TV22 Terminal 30 wiring junction 2

- * For models with start/stop system
- *2 Up to November 2015
- *3 According to equipment
- *4 From November 2015

ws = white
sw = black
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Fuse holder B

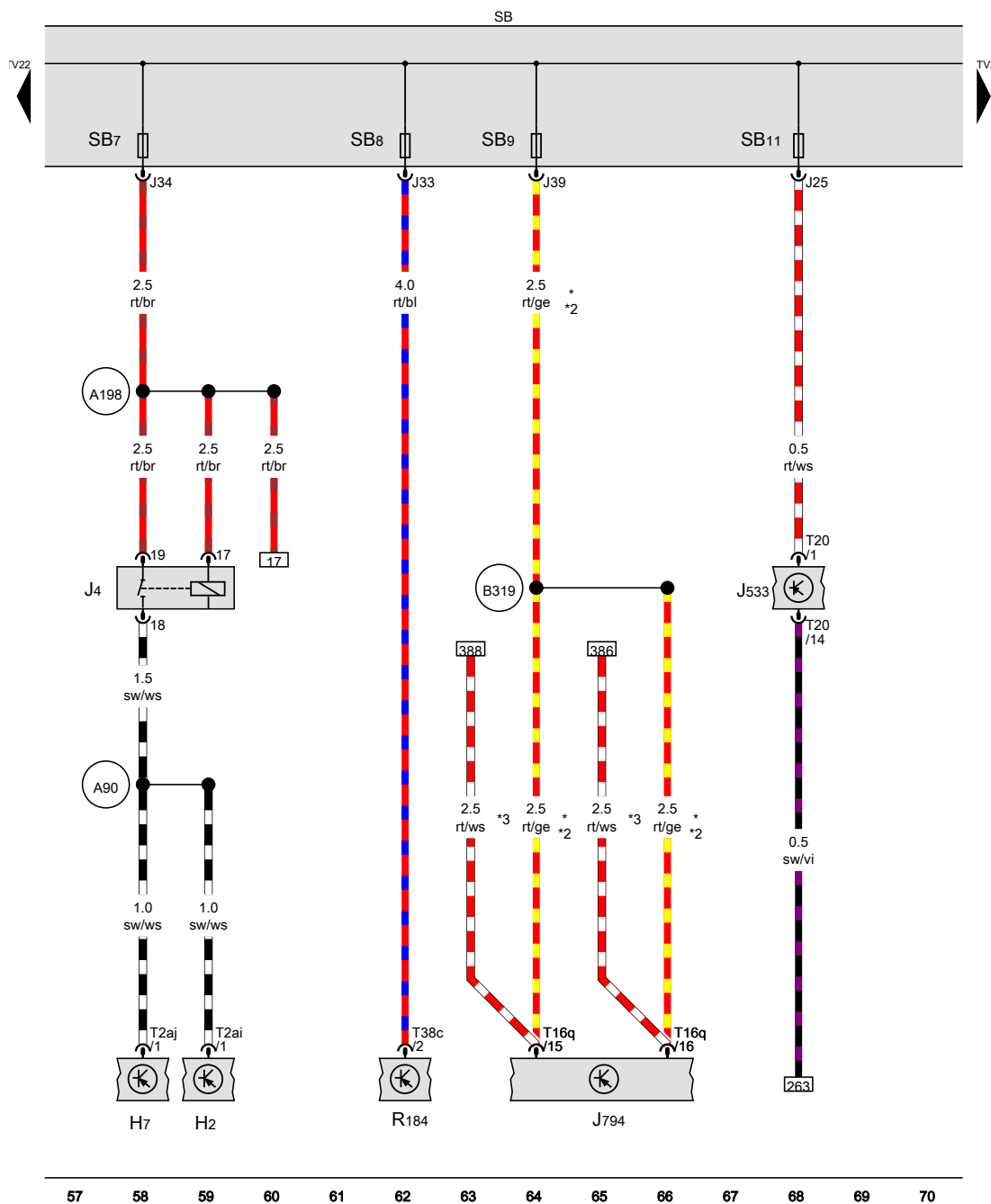
- J519 Onboard supply control unit
- SB Fuse holder B
- SB2 Fuse 2 on fuse holder B
- SB4 Fuse 4 on fuse holder B
- SB5 Fuse 5 on fuse holder B
- SB6 Fuse 6 on fuse holder B
- T52a 52-pin connector
- T52b 52-pin connector
- T52c 52-pin connector

B326 Positive connection 12 (30a) in main wiring harness

TV22 Terminal 30 wiring junction 2

* Up to November 2015

*2 From November 2015



Fuse holder B

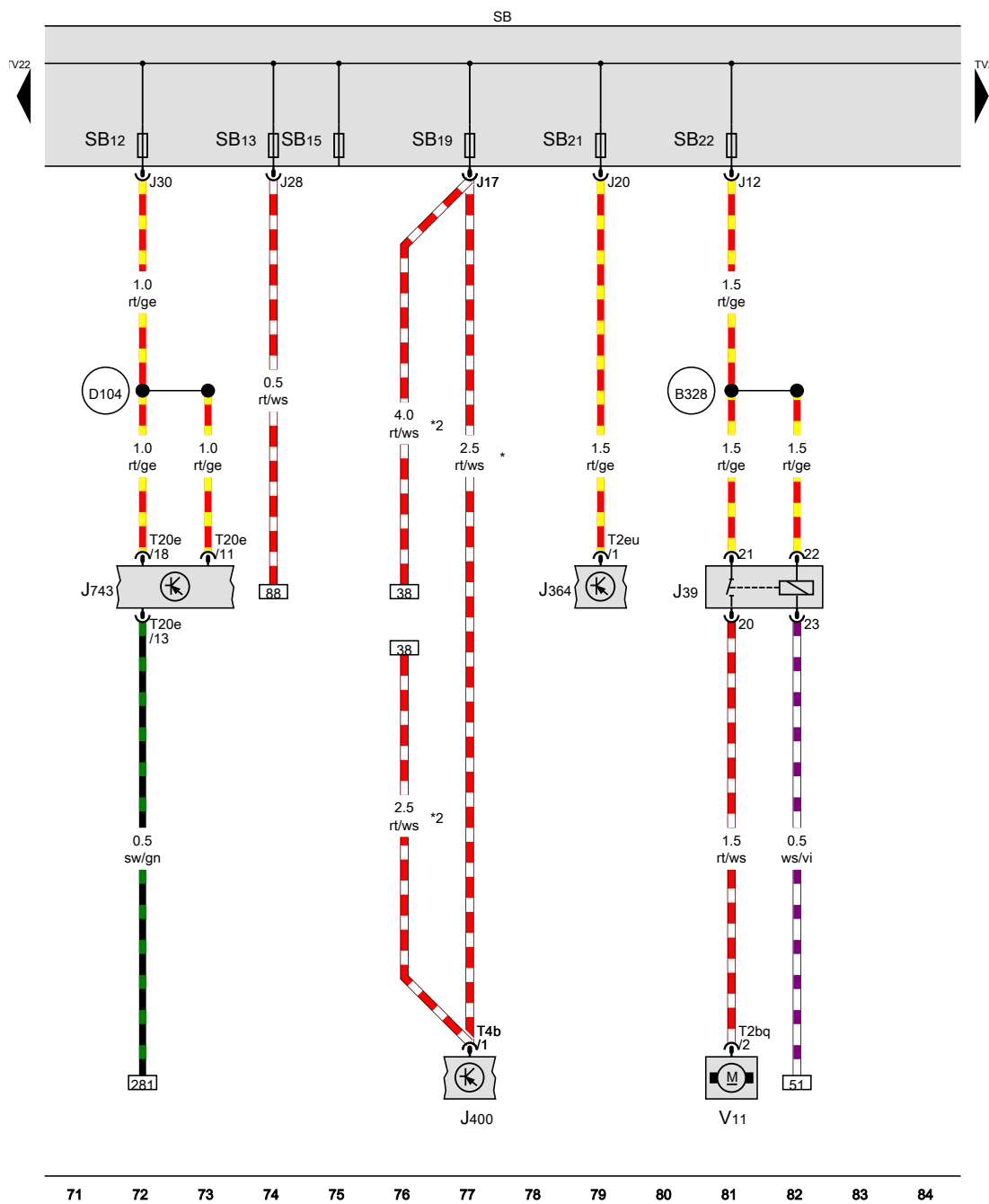
- H2 Treble horn
- H7 Bass horn
- J4 Dual tone horn relay
- J533 Data bus diagnostic interface
- J794 Control unit 1 for information electronics
- R184 Digital sound package amplifier
- SB Fuse holder B
- SB7 Fuse 7 on fuse holder B
- SB8 Fuse 8 on fuse holder B
- SB9 Fuse 9 on fuse holder B
- SB11 Fuse 11 on fuse holder B
- T2ai 2-pin connector
- T2aj 2-pin connector
- T16q 16-pin connector, black
- T20 20-pin connector
- T38c 38-pin connector

- A90 Connection (dual tone horn), in dash panel wiring harness
- A198 Positive connection 6 (30a) in dash panel wiring harness
- B319 Positive connection 5 (30a) in main wiring harness
- TV22 Terminal 30 wiring junction 2

- * For models with no start/stop system
- *2 Up to November 2015
- *3 For models with start/stop system

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 gn = green
 bl = blue
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7N2-085060617



Fuse holder B

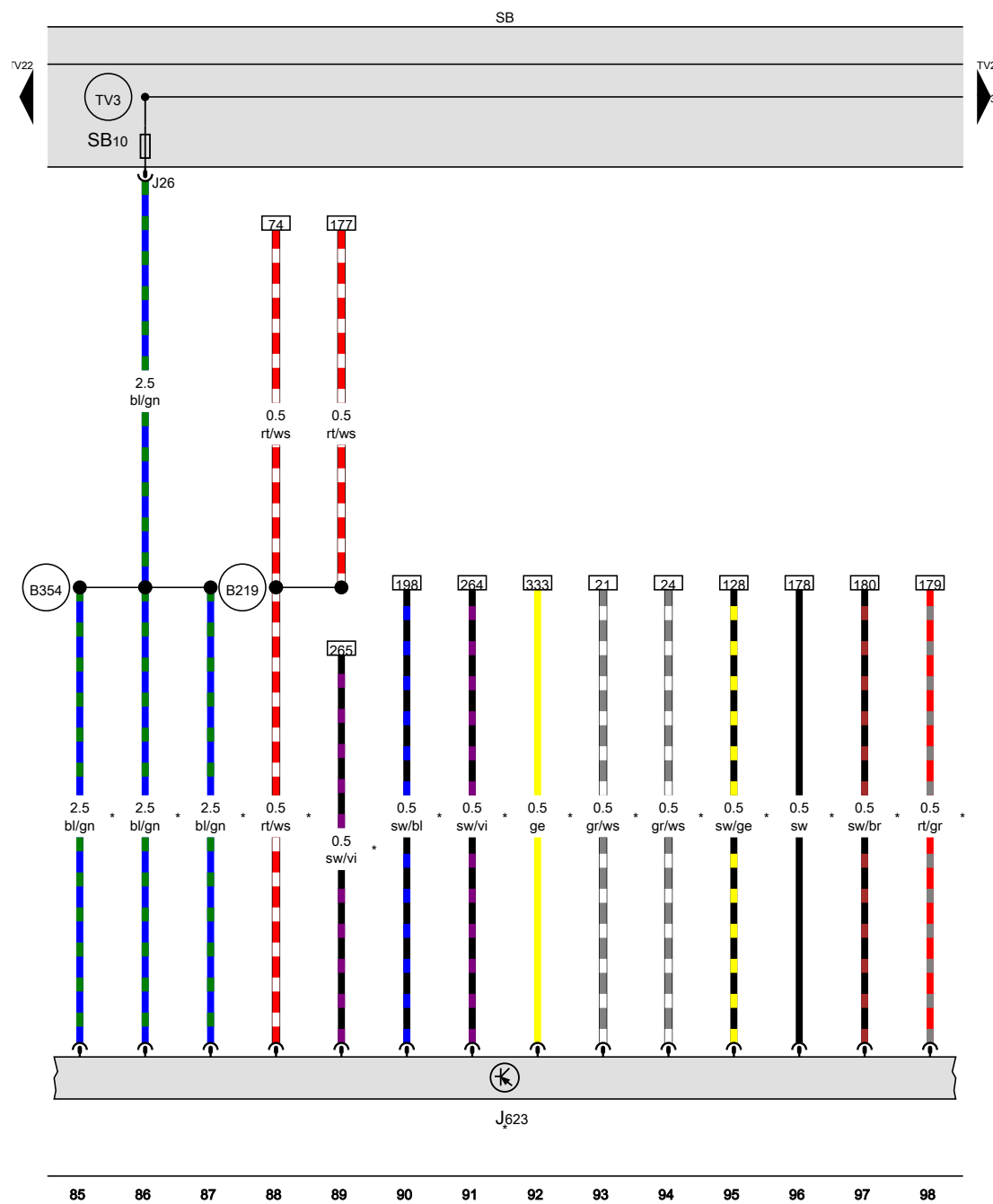
- J39 Headlight washer system relay
- J364 Auxiliary heater control unit
- J400 Wiper motor control unit
- J743 Mechatronic unit for dual clutch gearbox
- SB Fuse holder B
- SB12 Fuse 12 on fuse holder B
- SB13 Fuse 13 on fuse holder B
- SB15 Fuse 15 on fuse holder B
- SB19 Fuse 19 on fuse holder B
- SB21 Fuse 21 on fuse holder B
- SB22 Fuse 22 on fuse holder B
- T2bq 2-pin connector
- T2eu 2-pin connector
- T4b 4-pin connector
- T20e 20-pin connector
- V11 Headlight washer system pump

- B328 Positive connection 14 (30a) in main wiring harness
- D104 Positive connection 2 (30a), in engine compartment wiring harness
- TV22 Terminal 30 wiring junction 2

- * Up to November 2015
- *2 From November 2015

- ws = white
- sw = black
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- vi = purple
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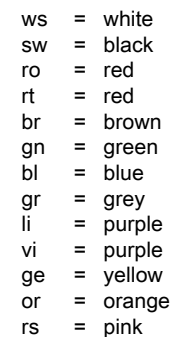
[7N2-085070R17]



Fuse holder B

- J623 Engine/motor control unit
- SB Fuse holder B
- SB10 Fuse 10 on fuse holder B
- B219 Positive connection 4 (30a), in interior wiring harness
- B354 Positive connection 5 (87a) in main wiring harness
- TV3 Terminal 30a wiring junction
- TV22 Terminal 30 wiring junction 2
- * see applicable current flow diagram for engine

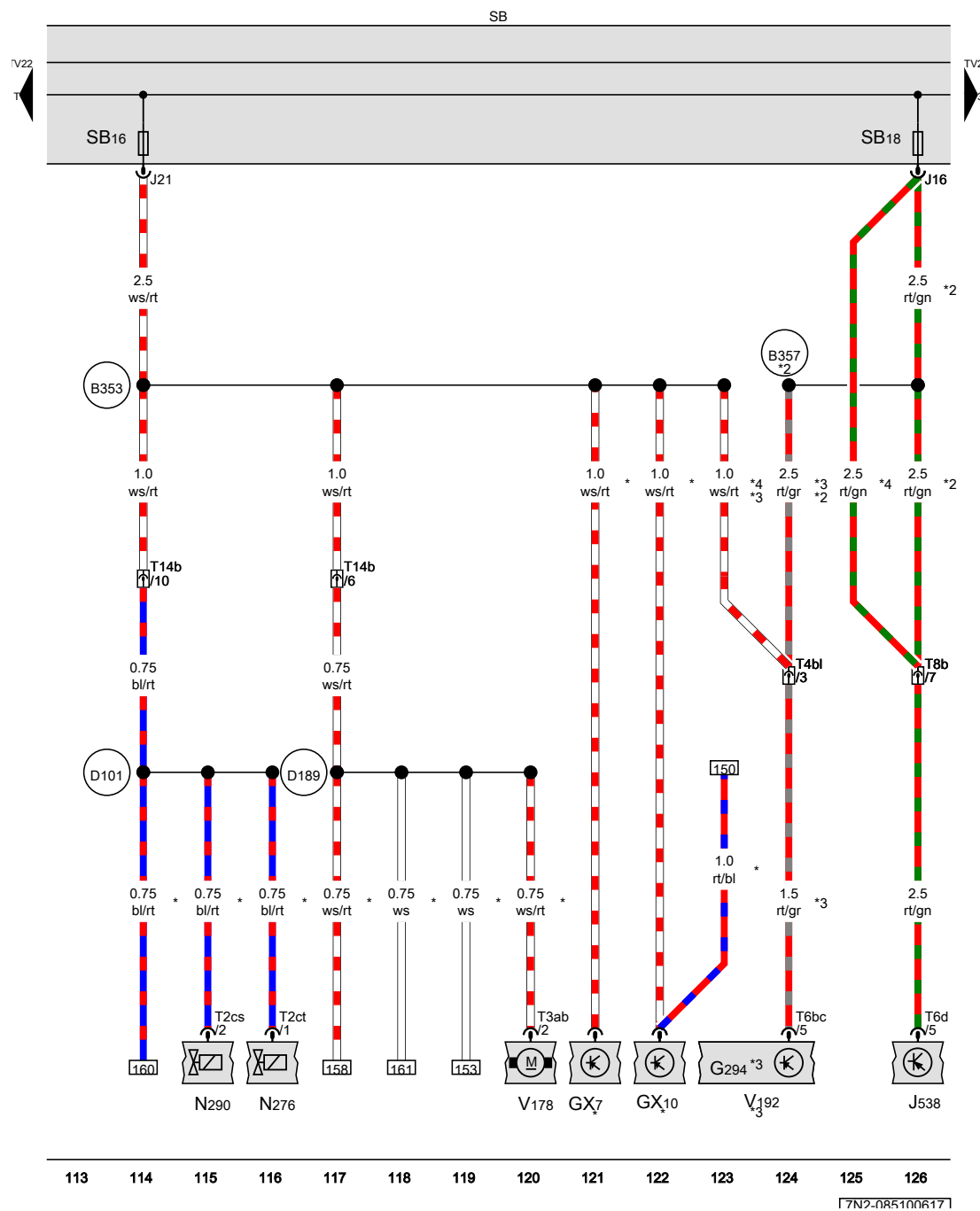
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N70	Ignition coil 1 with output stage
N82	Coolant shut-off valve
N127	Ignition coil 2 with output stage
N291	Ignition coil 3 with output stage
N292	Ignition coil 4 with output stage
N488	Coolant valve for gearbox
SB	Fuse holder B
SB14	Fuse 14 on fuse holder B
T2jc	2-pin connector, black
T2jd	2-pin connector, black
T14b	14-pin connector, black

(TV22) Terminal 30 wiring junction 2

* see applicable current flow diagram for engine



Brake servo pressure sensor, Fuse holder B, Vacuum pump for brakes

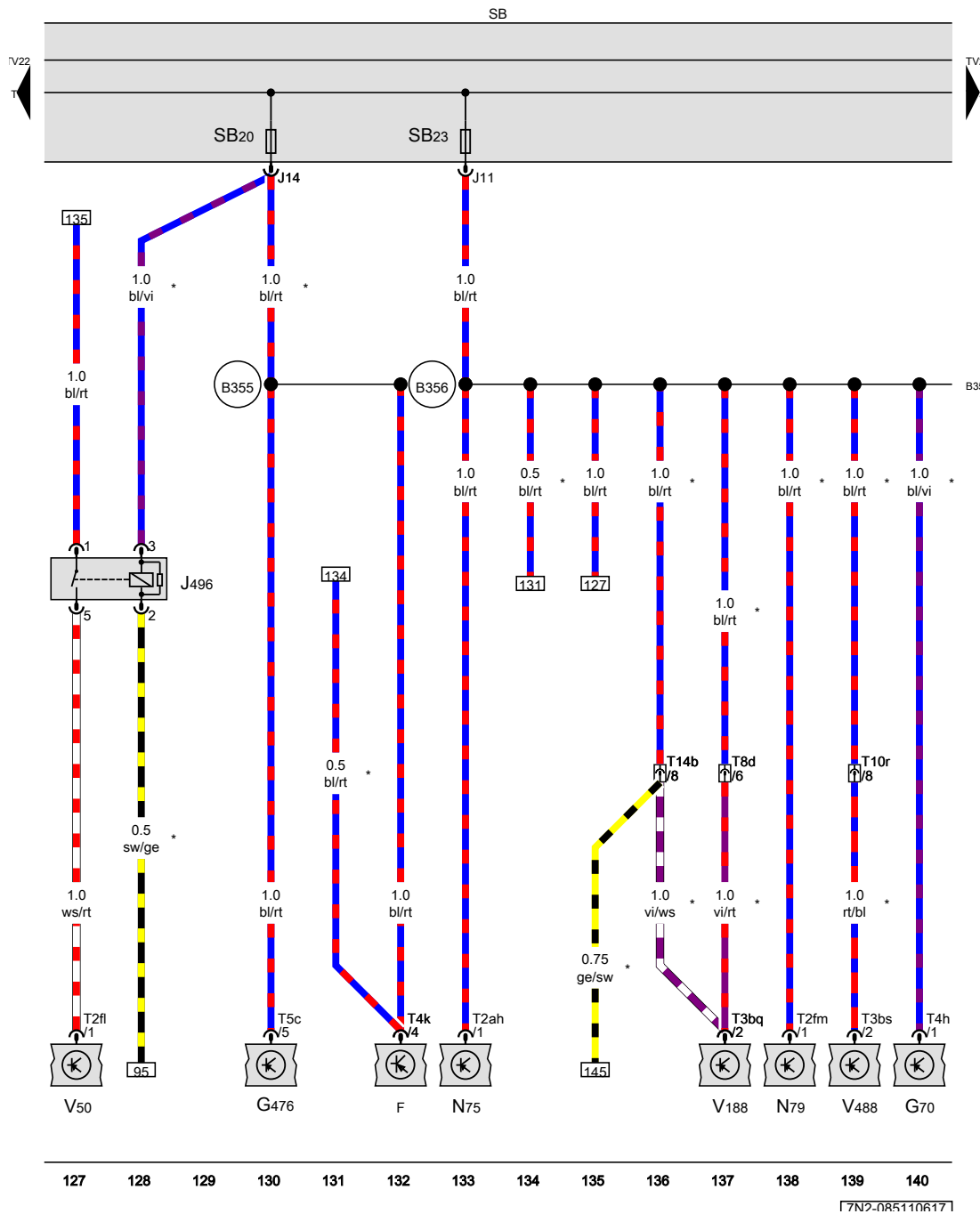
- GX7 Lambda probe 1 after catalytic converter
- GX10 Lambda probe 1 before catalytic converter
- G294 Brake servo pressure sensor
- J538 Fuel pump control unit
- N276 Fuel pressure regulating valve
- N290 Fuel metering valve
- SB Fuse holder B
- SB16 Fuse 16 on fuse holder B
- SB18 Fuse 18 on fuse holder B
- T2cs 2-pin connector, black
- T2ct 2-pin connector, black
- T3ab 3-pin connector, black
- T4bl 4-pin connector, black
- T6bc 6-pin connector, black
- T6d 6-pin connector
- T8b 8-pin connector
- T14b 14-pin connector, black
- V178 Coolant circulation pump 2
- V192 Vacuum pump for brakes

- (B353) Positive connection 4 (87a) in main wiring harness
- (B357) Positive connection 8 (87a) in main wiring harness
- (D101) Connection 1 in engine compartment wiring harness
- (D189) Connection (87a) in engine prewiring harness
- (TV3) Terminal 30a wiring junction
- (TV22) Terminal 30 wiring junction 2

- * see applicable current flow diagram for engine
- *2 Up to April 2016
- *3 For models with equipment for Japan
- *4 From 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

[7N2-085100R17]



Fuse holder B

F	Brake light switch
G70	Air mass meter
G476	Clutch position sender
J496	Additional coolant pump relay
N75	Charge pressure control solenoid valve
N79	Heater element for crankcase breather
SB	Fuse holder B
SB20	Fuse 20 on fuse holder B
SB23	Fuse 23 on fuse holder B
T2ah	2-pin connector
T2fl	2-pin connector
T2fm	2-pin connector, black
T3bq	3-pin connector, black
T3bs	3-pin connector, black
T4h	4-pin connector, black
T4k	4-pin connector
T5c	5-pin connector
T8d	8-pin connector
T10r	10-pin connector
T14b	14-pin connector, black
V50	Coolant circulation pump
V188	Charge air cooling pump
V488	Auxiliary pump for heating

B355 Positive connection 6 (87a) in main wiring harness

B356 Positive connection 7 (87a) in main wiring harness

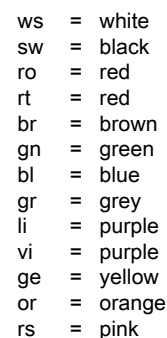
TV3 Terminal 30a wiring junction

TV22 Terminal 30 wiring junction 2

* see applicable current flow diagram for engine

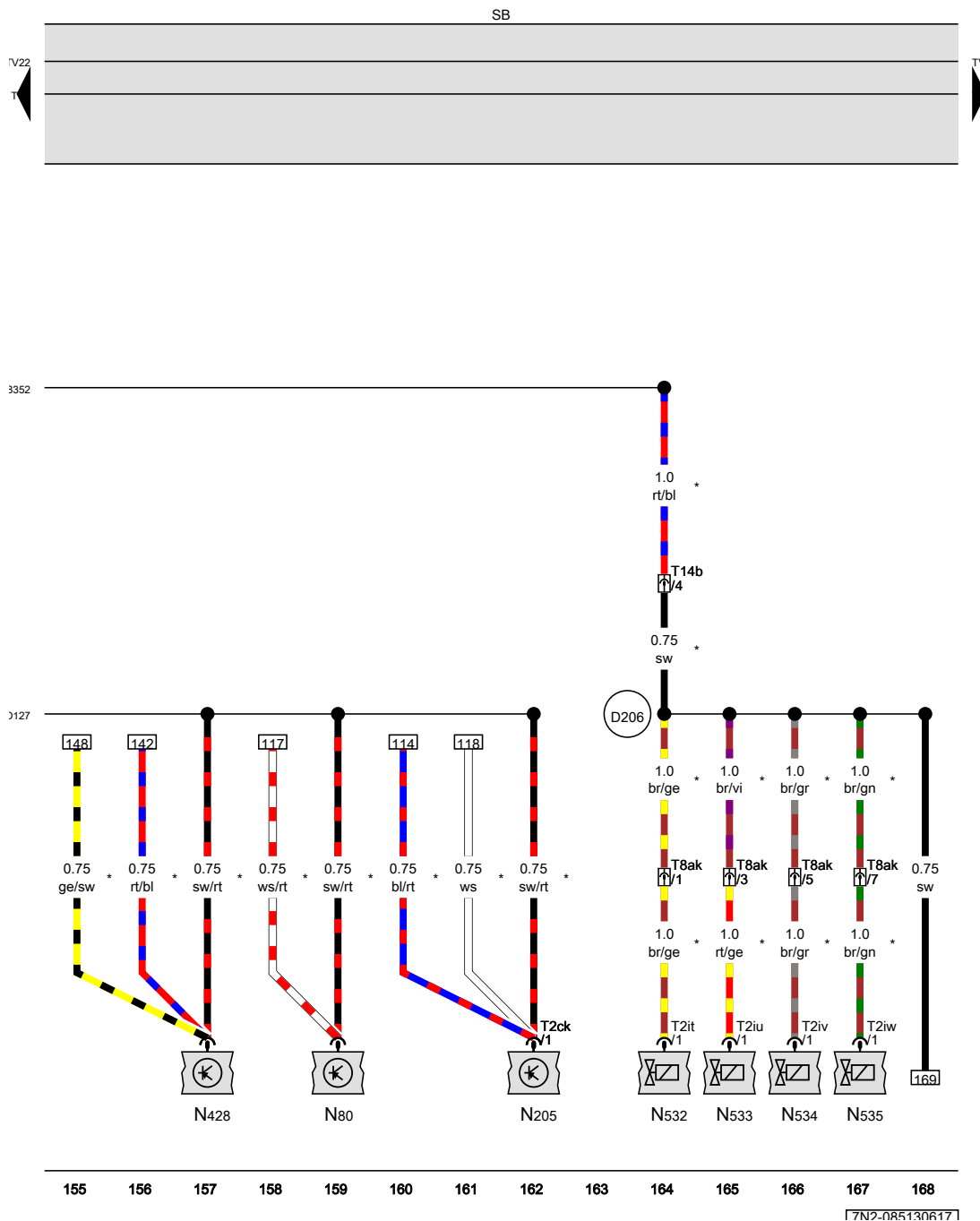
ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

17N2-085110R17



J583	Control unit for NOx sender
N249	Turbocharger air recirculation valve
N316	Intake manifold flap valve
N318	Exhaust camshaft control valve 1
N489	Coolant valve for cylinder head
N522	Piston cooling jet control valve
SB	Fuse holder B
SB24	Fuse 24 on fuse holder B
T2hn	2-pin connector, black
T2iy	2-pin connector, black
T2iz	2-pin connector, black
T2ja	2-pin connector, black
T4bx	4-pin connector, black
T14b	14-pin connector, black

- 209 Earth connection 6, in engine compartment wiring harness
 - B352 Positive connection 3 (87a) in main wiring harness
 - B356 Positive connection 7 (87a) in main wiring harness
 - D127 Connection 25 in engine compartment wiring harness
 - D205 Connection 3 (87a) in engine prewiring harness
 - TV3 Terminal 30a wiring junction
 - TV22 Terminal 30 wiring junction 2
- * see applicable current flow diagram for engine
- *2 Up to November 2015
- *3 From November 2015

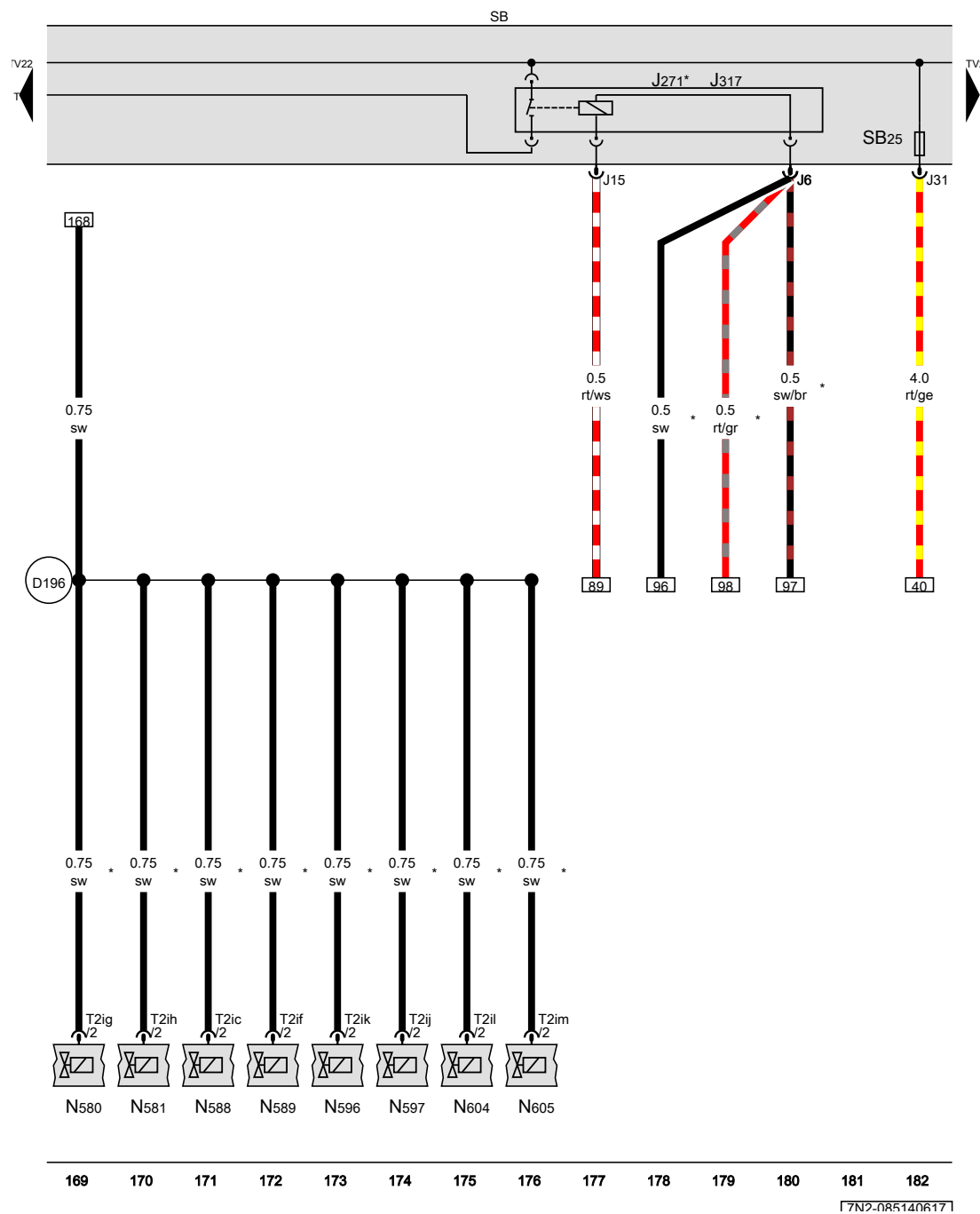


Fuse holder B

- N80 Activated charcoal filter solenoid valve 1
- N205 Camshaft control valve 1
- N428 Valve for oil pressure control
- N532 Injector 2, cylinder 1
- N533 Injector 2, cylinder 2
- N534 Injector 2, cylinder 3
- N535 Injector 2, cylinder 4
- SB Fuse holder B
- T2ck 2-pin connector
- T2it 2-pin connector, black
- T2iu 2-pin connector, black
- T2iv 2-pin connector, black
- T2iw 2-pin connector, black
- T8ak 8-pin connector, black
- T14b 14-pin connector, black

- B352 Positive connection 3 (87a) in main wiring harness
- D127 Connection 25 in engine compartment wiring harness
- D206 Connection 4 (87a) in engine prewiring harness
- TV3 Terminal 30a wiring junction
- TV22 Terminal 30 wiring junction 2

* see applicable current flow diagram for engine



Main relay, Terminal 30 voltage supply relay, Fuse holder B

- J271 Main relay
- J317 Terminal 30 voltage supply relay
- N580 Exhaust cam actuator A for cylinder 1
- N581 Exhaust cam actuator B for cylinder 1
- N588 Exhaust cam actuator A for cylinder 2
- N589 Exhaust cam actuator B for cylinder 2
- N596 Exhaust cam actuator A for cylinder 3
- N597 Exhaust cam actuator B for cylinder 3
- N604 Exhaust cam actuator A for cylinder 4
- N605 Exhaust cam actuator B for cylinder 4

- SB Fuse holder B
- SB25 Fuse 25 on fuse holder B
- T2ic 2-pin connector, black
- T2if 2-pin connector, black
- T2ig 2-pin connector, black
- T2ih 2-pin connector, black
- T2ij 2-pin connector, black
- T2ik 2-pin connector, black
- T2il 2-pin connector, black
- T2im 2-pin connector, black

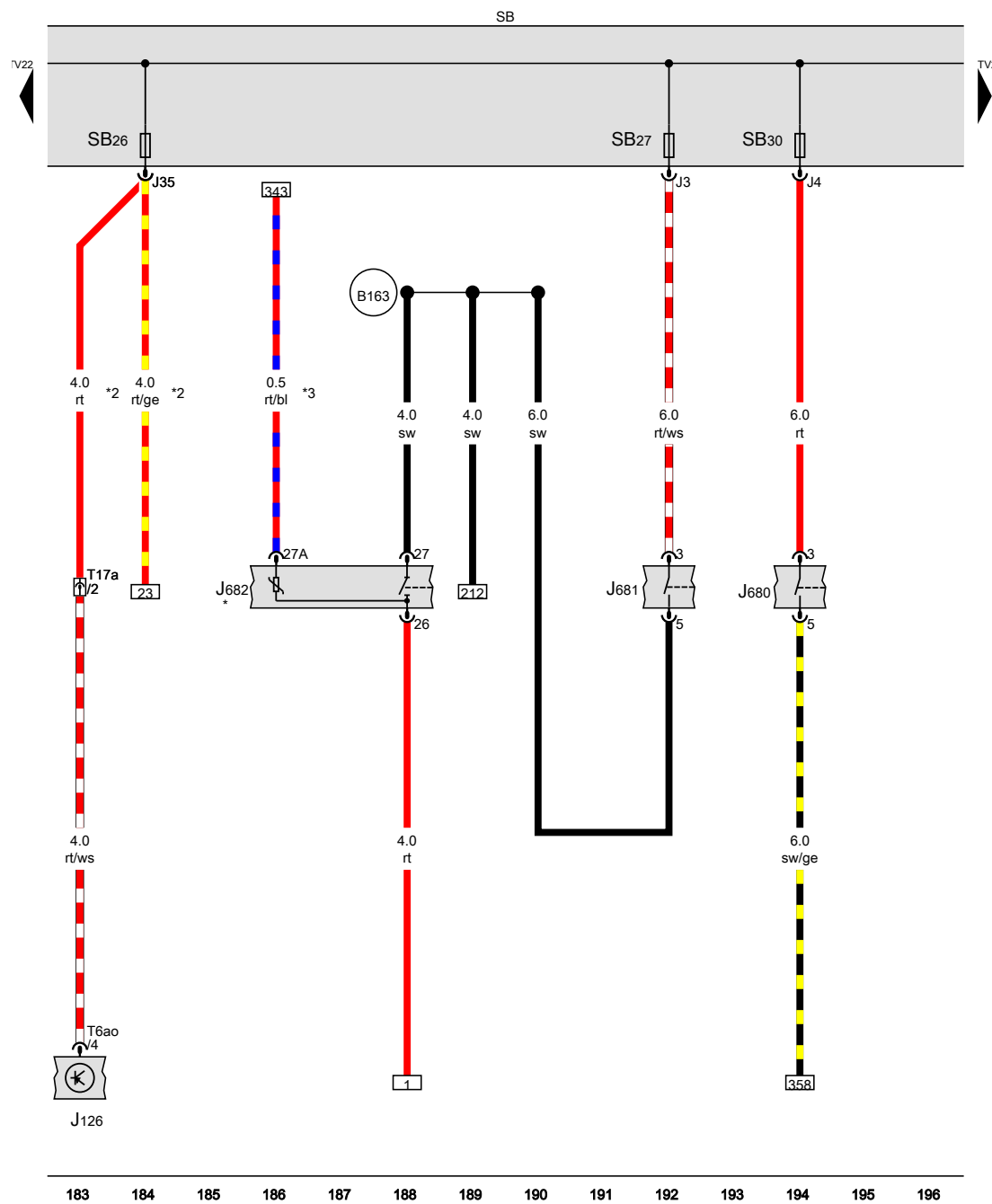
- D196 Connection 2 (87a) in engine prewiring harness

- TV3 Terminal 30a wiring junction

- TV22 Terminal 30 wiring junction 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



Fuse holder B

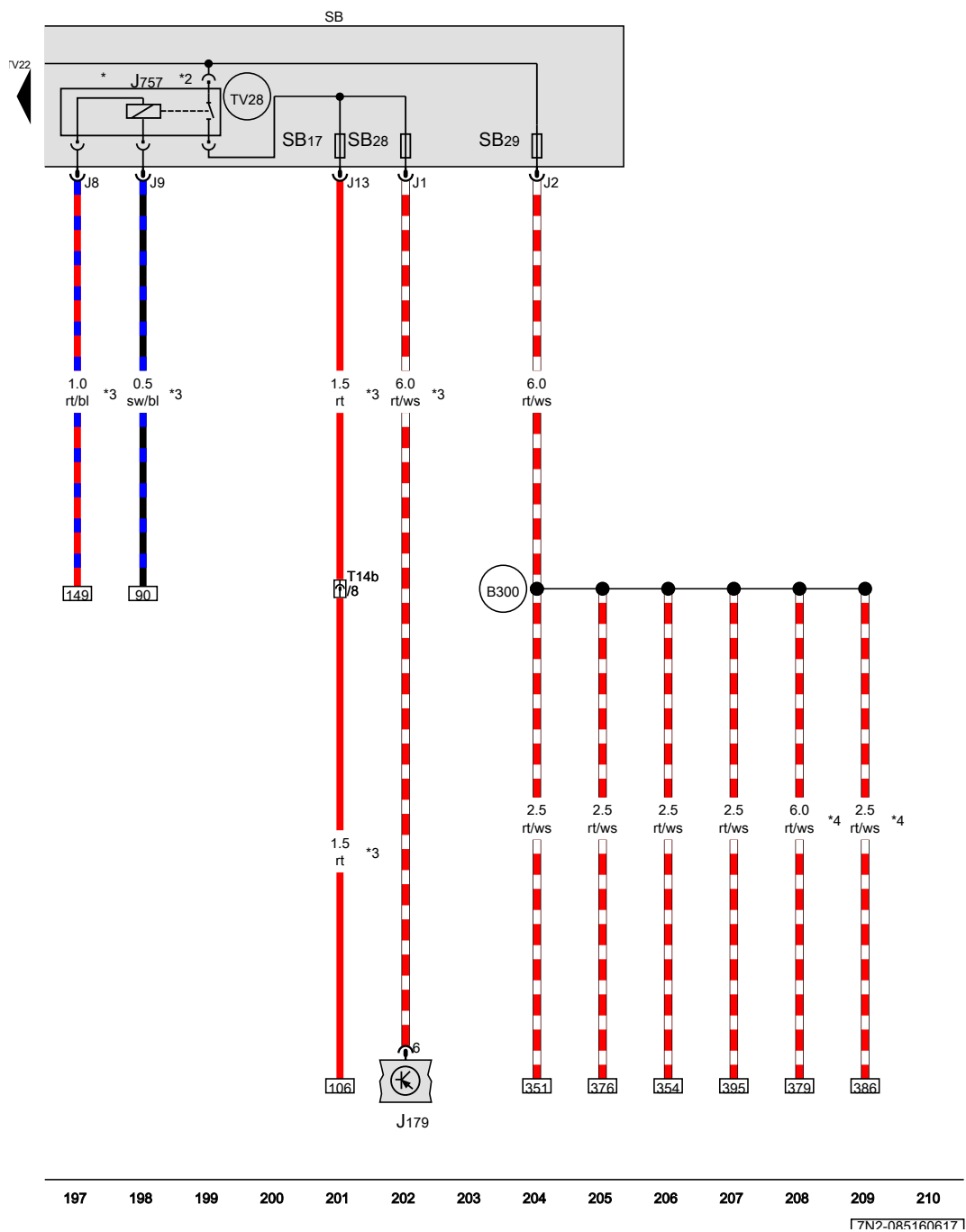
- J126 Fresh air blower control unit
- J680 Terminal 75 voltage supply relay 1
- J681 Terminal 15 voltage supply relay 2
- J682 Terminal 50 voltage supply relay
- SB Fuse holder B
- SB26 Fuse 26 on fuse holder B
- SB27 Fuse 27 on fuse holder B
- SB30 Fuse 30 on fuse holder B
- T6ao 6-pin connector
- T17a 17-pin connector

B163 Positive connection 1 (15), in interior wiring harness

TV22 Terminal 30 wiring junction 2

- * see applicable current flow diagram for engine
- *2 According to equipment
- *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



Engine component current supply relay, Fuse holder B

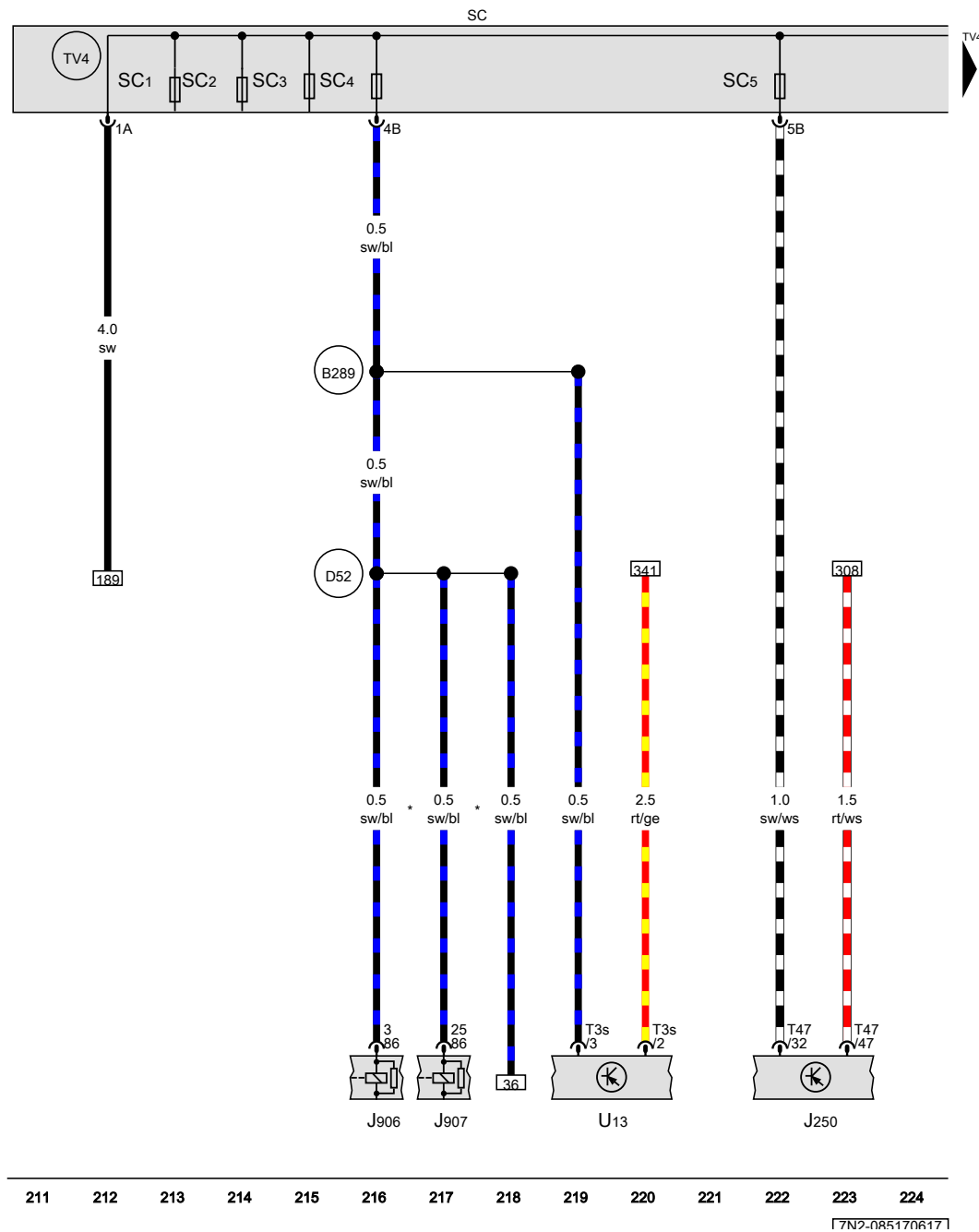
- J179 Automatic glow period control unit
- J757 Engine component current supply relay
- SB Fuse holder B
- SB17 Fuse 17 on fuse holder B
- SB28 Fuse 28 on fuse holder B
- SB29 Fuse 29 on fuse holder B
- T14b 14-pin connector, black

B300 Positive connection 4 (30), in main wiring harness

TV22 Terminal 30 wiring junction 2

TV28 Terminal 30 wiring junction 3

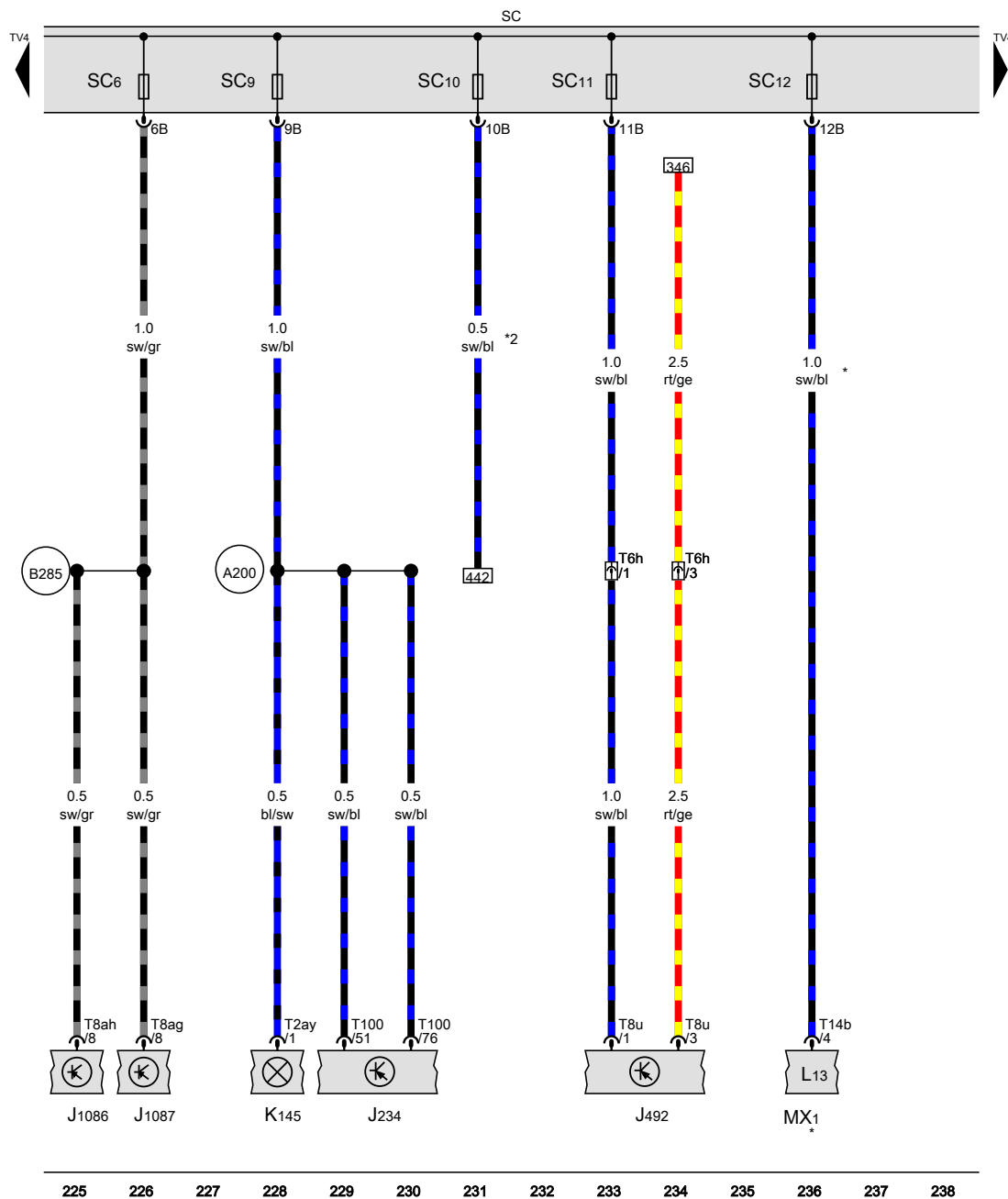
- * Contact bridge, only models with diesel engine
- *2 For models with petrol engine
- *3 see applicable current flow diagram for engine
- *4 For models with no start/stop system



Fuse holder C

- J250 Electronically controlled damping control unit
- J906 Starter relay 1
- J907 Starter relay 2
- SC Fuse holder C
- SC1 Fuse 1 on fuse holder C
- SC2 Fuse 2 on fuse holder C
- SC3 Fuse 3 on fuse holder C
- SC4 Fuse 4 on fuse holder C
- SC5 Fuse 5 on fuse holder C
- T3s 3-pin connector
- T47 47-pin connector
- U13 DC/AC converter with socket, 12 V - 230 V
- B289 Positive connection 13 (15a) in main wiring harness
- D52 Positive connection (15a), in engine compartment wiring harness
- TV4 Terminal 15 wiring junction
- * For 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



Fuse holder C

- J234 Airbag control unit
- J492 All-wheel drive control unit
- J1086 Blind Spot Monitor control unit
- J1087 Blind Spot Monitor control unit 2
- K145 Warning lamp for airbag deactivated on front passenger side
- L13 Left gas discharge (xenon) bulb
- MX1 Front left headlight
- SC Fuse holder C
- SC6 Fuse 6 on fuse holder C
- SC9 Fuse 9 on fuse holder C
- SC10 Fuse 10 on fuse holder C
- SC11 Fuse 11 on fuse holder C
- SC12 Fuse 12 on fuse holder C
- T2ay 2-pin connector
- T6h 6-pin connector
- T8ag 8-pin connector, black
- T8ah 8-pin connector, black
- T8u 8-pin connector
- T14b 14-pin connector
- T100 100-pin connector

A200 Positive connection 5 (15a) in dash panel wiring harness

B285 Positive connection 9 (15a) in main wiring harness

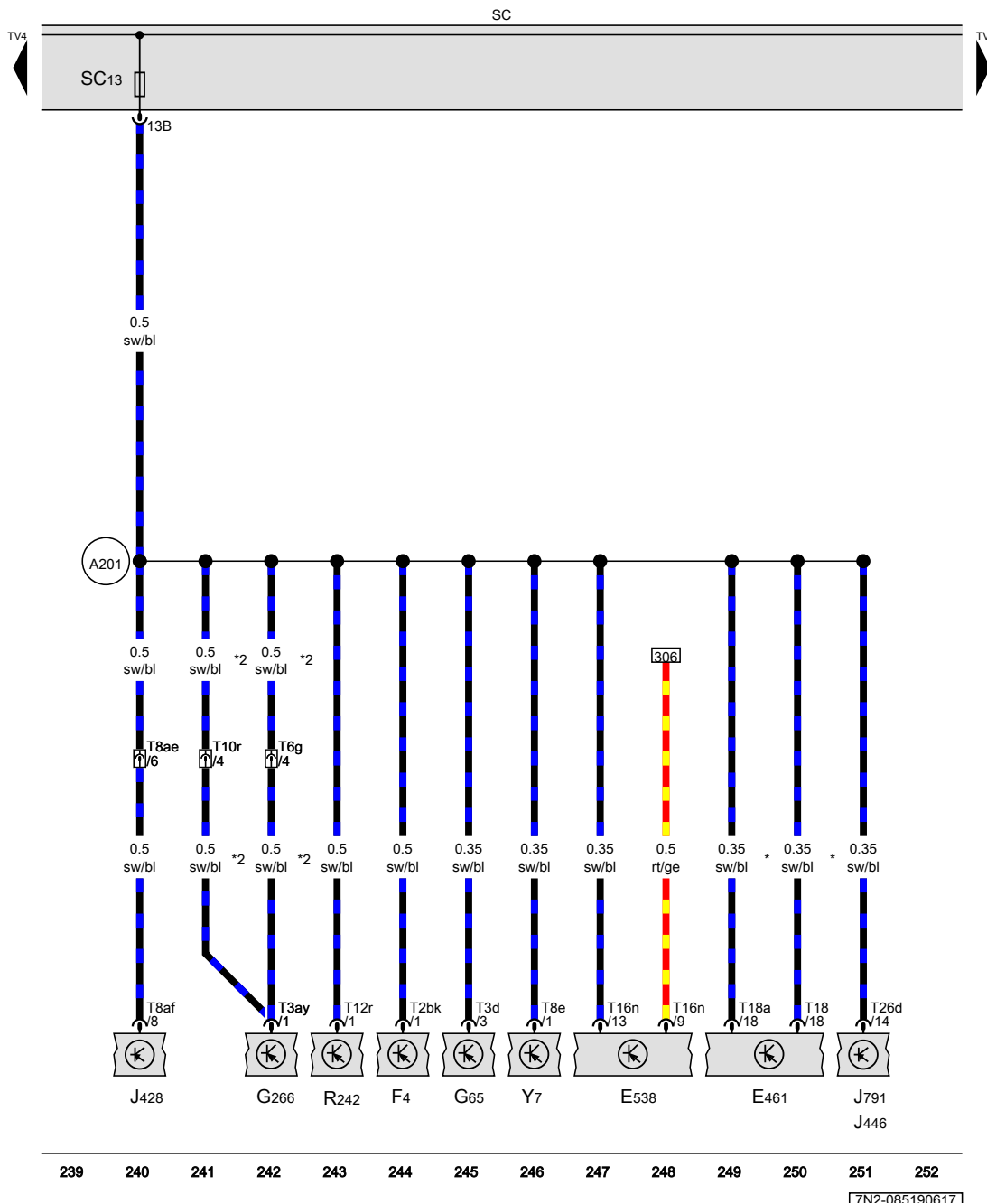
TV4 Terminal 15 wiring junction

* Headlight with gas discharge light

*2 For models with taxi 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

[7N2-085180617]



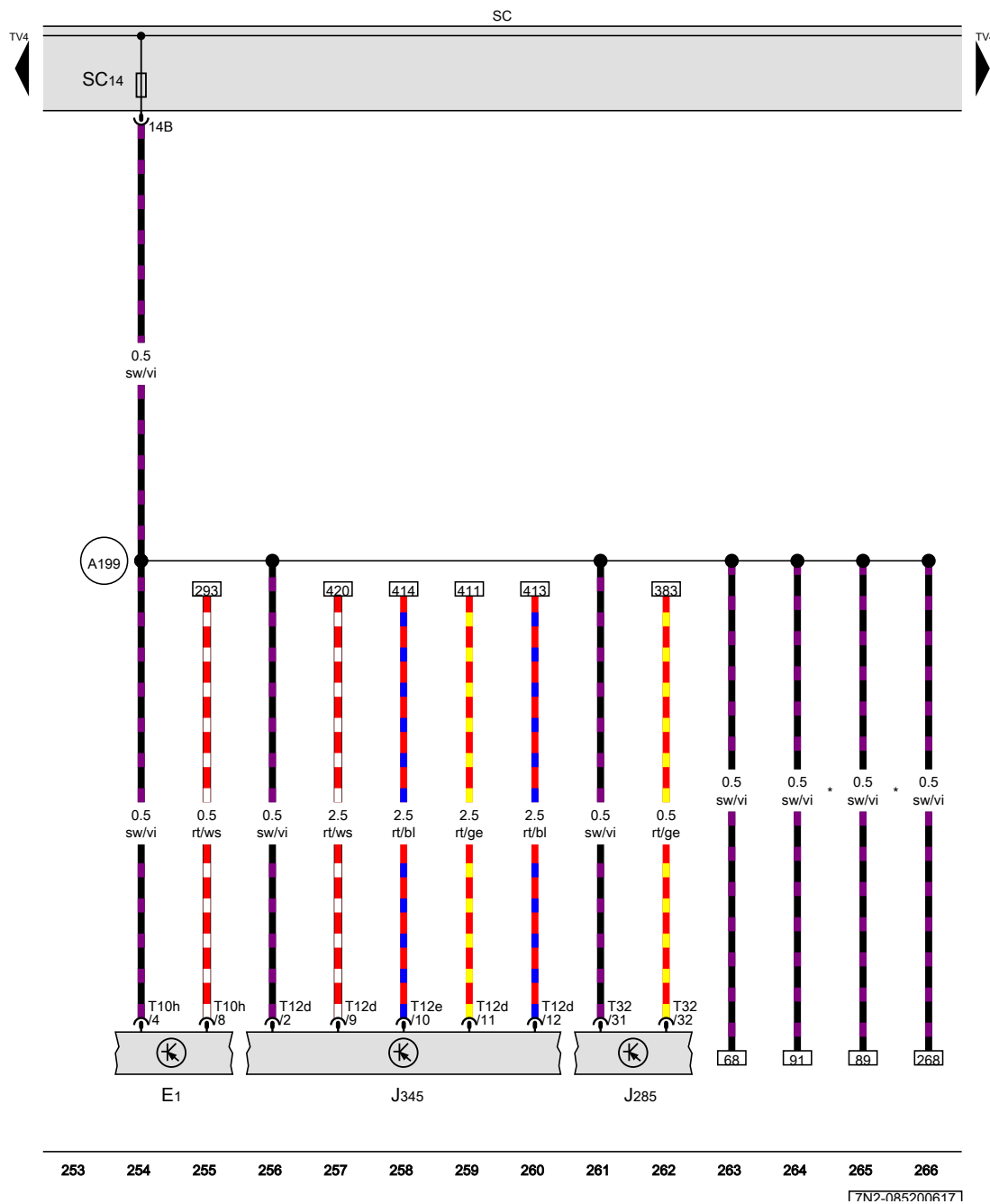
Fuse holder C

- E461 Operating unit in front of centre console
- E538 Electromechanical parking brake button
- F4 Reversing light switch
- G65 High-pressure sender
- G266 Oil level and oil temperature sender
- J428 Adaptive cruise control unit
- J446 Parking aid control unit
- J791 Park assist steering control unit
- R242 Front camera for driver assist systems
- SC Fuse holder C
- SC13 Fuse 13 on fuse holder C
- T2bk 2-pin connector
- T3ay 3-pin connector
- T3d 3-pin connector
- T6g 6-pin connector, black
- T8ae 8-pin connector, black
- T8af 8-pin connector, black
- T8e 8-pin connector
- T10r 10-pin connector, black
- T12r 12-pin connector
- T16n 16-pin connector
- T18 18-pin connector
- T18a 18-pin connector
- T26d 26-pin connector, black
- Y7 Automatic anti-dazzle interior mirror

A201 Positive connection 6 (15a) in dash panel wiring harness

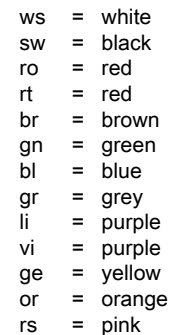
TV4 Terminal 15 wiring junction

- * According to equipment
- *2 see applicable current flow diagram for engine



Fuse holder C

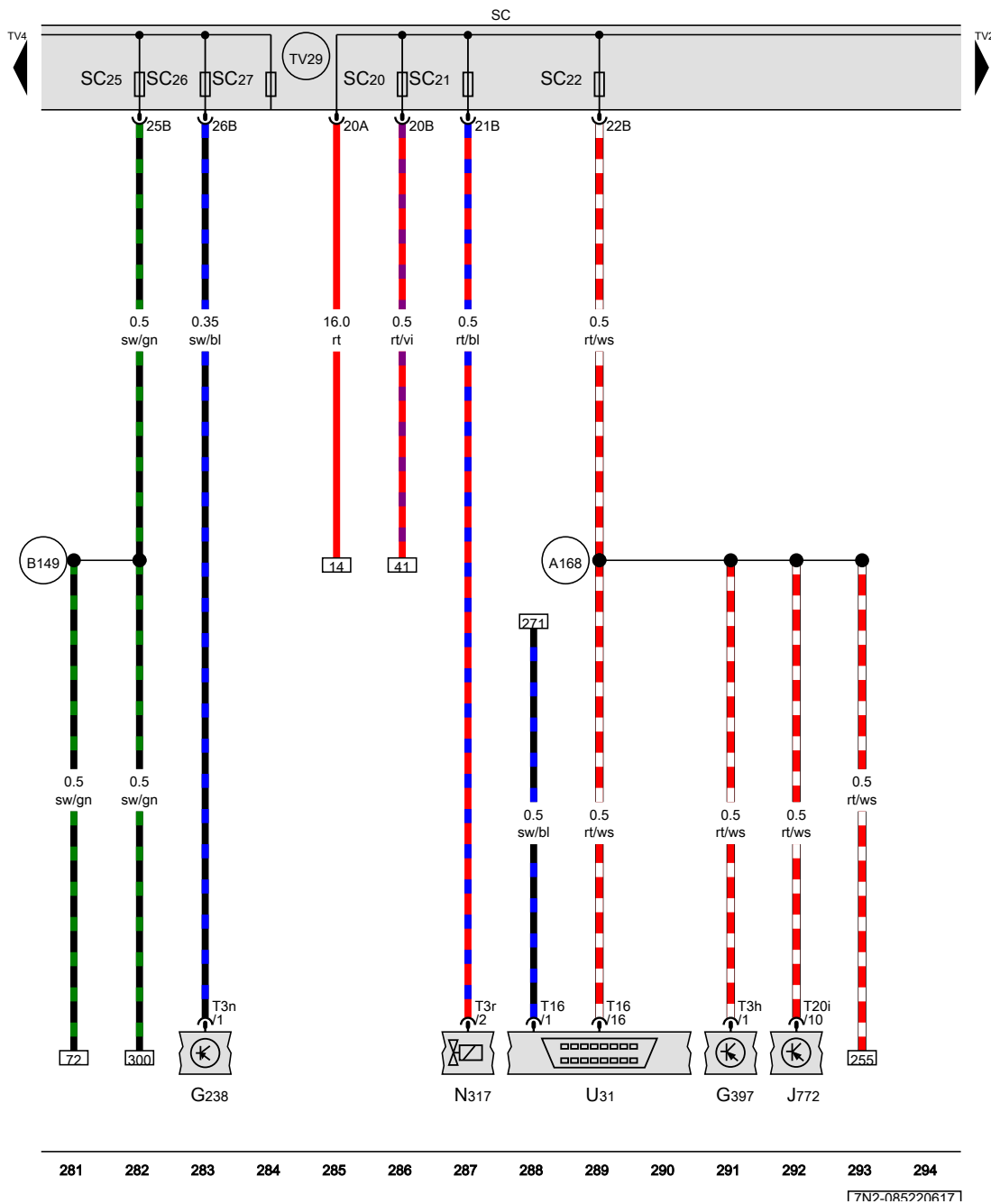
- E1 Light switch
- J285 Control unit in dash panel insert
- J345 Trailer detector control unit
- SC Fuse holder C
- SC14 Fuse 14 on fuse holder C
- T10h 10-pin connector
- T12d 12-pin connector
- T12e 12-pin connector
- T32 32-pin connector
- A199 Positive connection 4 (15a) in dash panel wiring harness
- TV4 Terminal 15 wiring junction
- * see applicable current flow diagram for engine



E20	Switch and instrument illumination regulator
G70	Air mass meter
J485	Auxiliary heater operation relay
J745	Control unit for cornering light and headlight range control
L14	Right gas discharge (xenon) bulb
MX1	Front left headlight
MX2	Front right headlight
SC	Fuse holder C
SC15	Fuse 15 on fuse holder C
SC16	Fuse 16 on fuse holder C
T5f	5-pin connector
T6g	6-pin connector, black
T8f	8-pin connector
T9b	9-pin connector
T10i	10-pin connector, black
T10j	10-pin connector
T10r	10-pin connector, black
T14a	14-pin connector
T26c	26-pin connector

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

- * see applicable current flow diagram for engine
- *2 Headlight with gas discharge light
- *3 For models with petrol engine
- *4 Up to November 2015
- *5 For models with diesel engine



Fuse holder C

- G238 Air quality sensor
- G397 Rain and light sensor
- J772 Reversing camera system control unit
- N317 2nd heat exchanger switch-off valve
- SC Fuse holder C
- SC20 Fuse 20 on fuse holder C
- SC21 Fuse 21 on fuse holder C
- SC22 Fuse 22 on fuse holder C
- SC25 Fuse 25 on fuse holder C
- SC26 Fuse 26 on fuse holder C
- SC27 Fuse 27 on fuse holder C
- T3h 3-pin connector
- T3n 3-pin connector
- T3r 3-pin connector
- T16 16-pin connector
- T20i 20-pin connector
- U31 Diagnostic connection

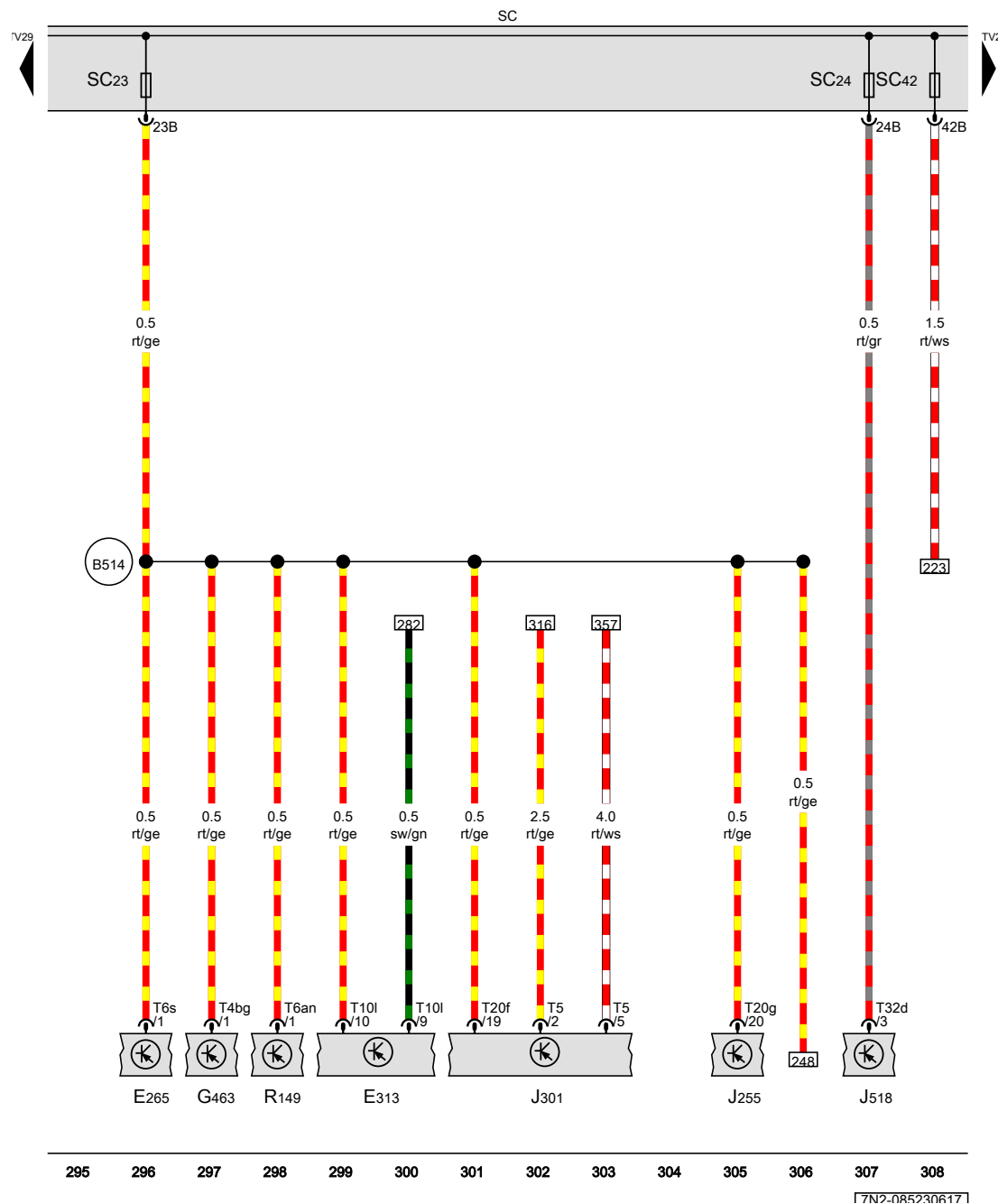
A168 Positive connection 4 (30a) in dash panel wiring harness

B149 Positive connection 2 (15a), in interior wiring harness

TV4 Terminal 15 wiring junction

TV29 Terminal 30 wiring junction 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



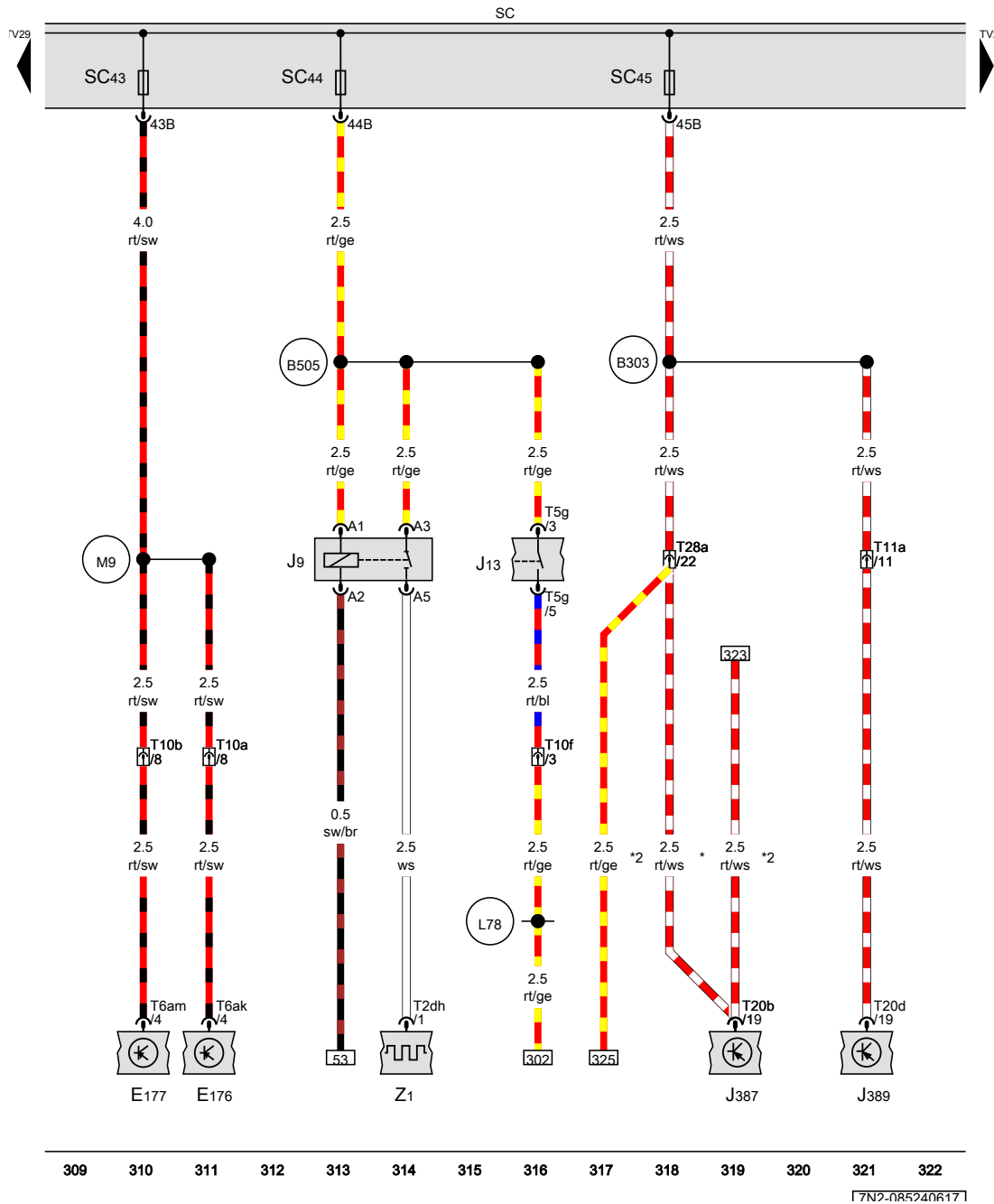
Fuse holder C

- E265 Operating and display unit for rear air conditioning system
- E313 Selector lever
- G463 Rear blower regulation sender
- J255 Climatronic control unit
- J301 Air conditioning system control unit
- J518 Entry and start authorisation control unit
- R149 Remote control receiver for auxiliary coolant heater
- SC Fuse holder C
- SC23 Fuse 23 on fuse holder C
- SC24 Fuse 24 on fuse holder C
- SC42 Fuse 42 on fuse holder C
- T4bg 4-pin connector
- T5 5-pin connector, black
- T6an 6-pin connector
- T6s 6-pin connector
- T10l 10-pin connector
- T20f 20-pin connector
- T20g 20-pin connector
- T32d 32-pin connector

B514 Positive connection 10 (30a), in interior wiring harness

TV29 Terminal 30 wiring junction 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



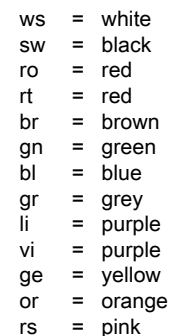
Fuse holder C

- E176 Driver seat lumbar support adjustment switch
- E177 Front passenger seat lumbar support adjustment switch
- J9 Heated rear window relay, behind dash panel, left
- J13 Fresh air blower relay
- J387 Front passenger door control unit
- J389 Rear right door control unit
- SC Fuse holder C
- SC43 Fuse 43 on fuse holder C
- SC44 Fuse 44 on fuse holder C
- SC45 Fuse 45 on fuse holder C
- T2dh 2-pin connector
- T5g 5-pin connector
- T6ak 6-pin connector
- T6am 6-pin connector
- T10a 10-pin connector
- T10b 10-pin connector
- T10f 10-pin connector
- T11a 11-pin connector
- T20b 20-pin connector
- T20d 20-pin connector
- T28a 28-pin connector
- Z1 Heated rear window

- B303 Positive connection 7 (30), in main wiring harness
- B505 Positive connection 9 (30a), in interior wiring harness
- L78 Connection 1, in fresh air blower wiring harness
- M9 Connection, in seat adjustment wiring harness
- TV29 Terminal 30 wiring junction 4

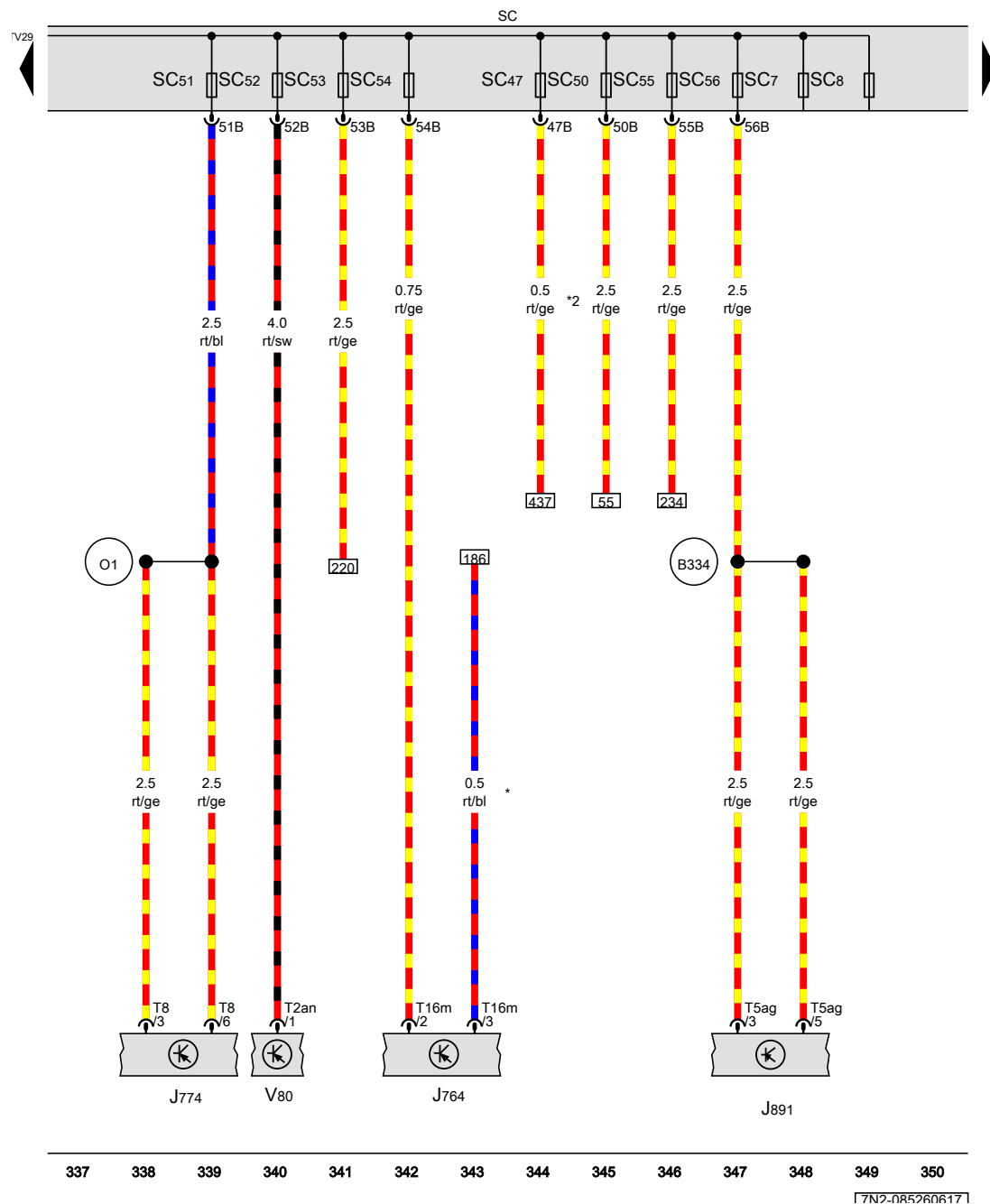
- * For left-hand drive models
- *2 For right-hand drive models

- 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



GX19	Delivery unit for reducing agent metering system
G273	Interior monitoring sensor
G384	Vehicle inclination sender
G578	Anti-theft alarm sensor
H12	Alarm horn
J386	Driver door control unit
J388	Rear left door control unit
J963	Relay for reducing agent metering system
SC	Fuse holder C
SC46	Fuse 46 on fuse holder C
SC48	Fuse 48 on fuse holder C
SC49	Fuse 49 on fuse holder C
T3o	3-pin connector
T4by	4-pin connector, black
T4m	4-pin connector
T5af	5-pin connector, black
T5ah	5-pin connector, black
T11	11-pin connector
T20a	20-pin connector
T20c	20-pin connector
T28	28-pin connector

- | | |
|------|--|
| B161 | Connection (ATA), in interior wiring harness |
| B320 | Positive connection 6 (30a) in main wiring harness |
| B358 | Positive connection 9 (87a) in main wiring harness |
| TV29 | Terminal 30 wiring junction 4 |
| * | For left-hand drive models |
| *2 | For right-hand drive models |
| *3 | see applicable current flow diagram for engine |



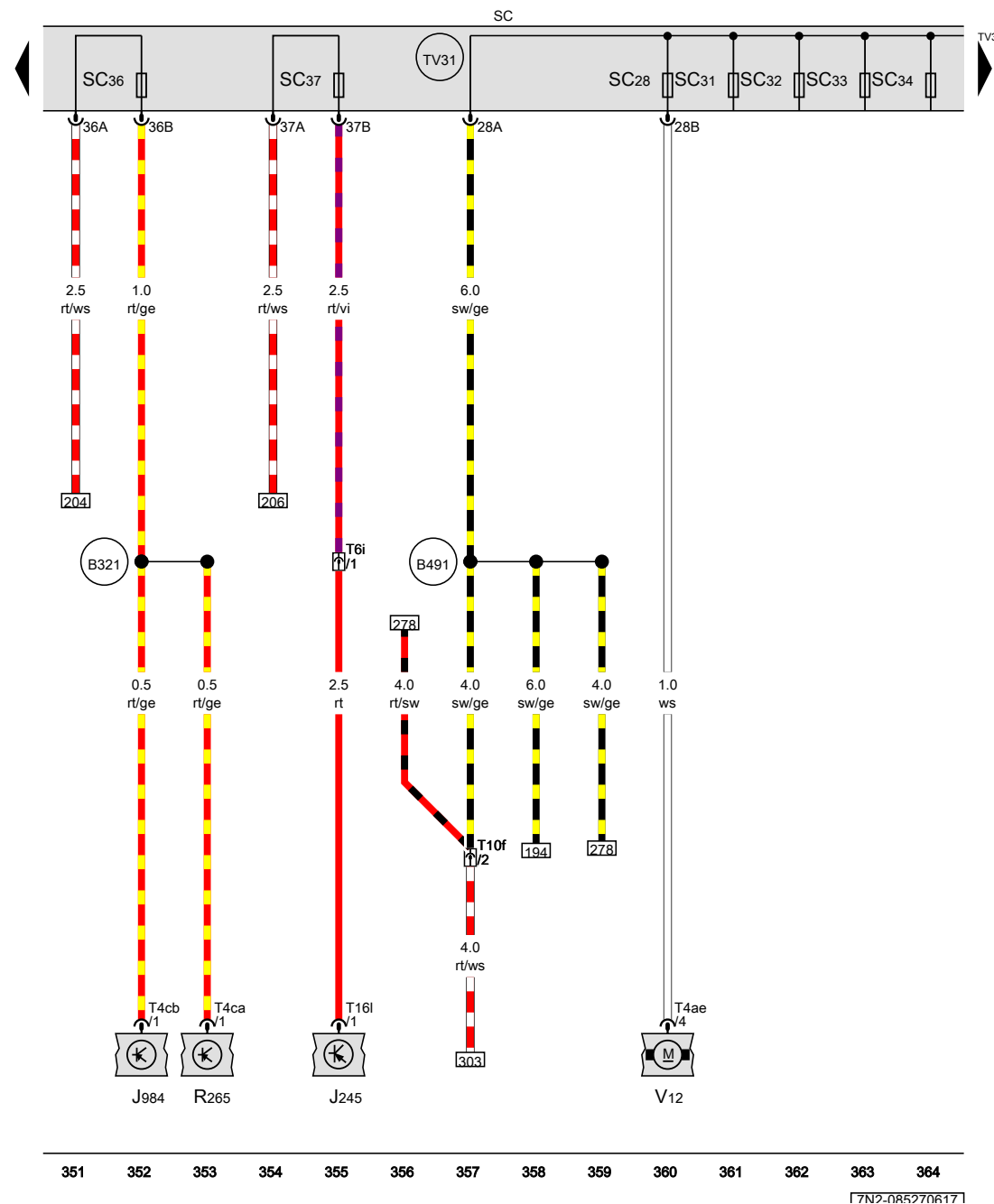
Fuse holder C

- J764 Control unit for electronic steering column lock
- J774 Heated front seats control unit
- J891 Control unit for reducing agent heater
- SC Fuse holder C
- SC7 Fuse 7 on fuse holder C
- SC8 Fuse 8 on fuse holder C
- SC47 Fuse 47 on fuse holder C
- SC50 Fuse 50 on fuse holder C
- SC51 Fuse 51 on fuse holder C
- SC52 Fuse 52 on fuse holder C
- SC53 Fuse 53 on fuse holder C
- SC54 Fuse 54 on fuse holder C
- SC55 Fuse 55 on fuse holder C
- SC56 Fuse 56 on fuse holder C
- T2an 2-pin connector
- T5ag 5-pin connector, black
- T8 8-pin connector, black
- T16m 16-pin connector
- V80 Rear fresh air blower

- B334 Positive connection 20 (30a) in main wiring harness
- O1 Positive connection (30), in seat heating wiring harness
- TV29 Terminal 30 wiring junction 4

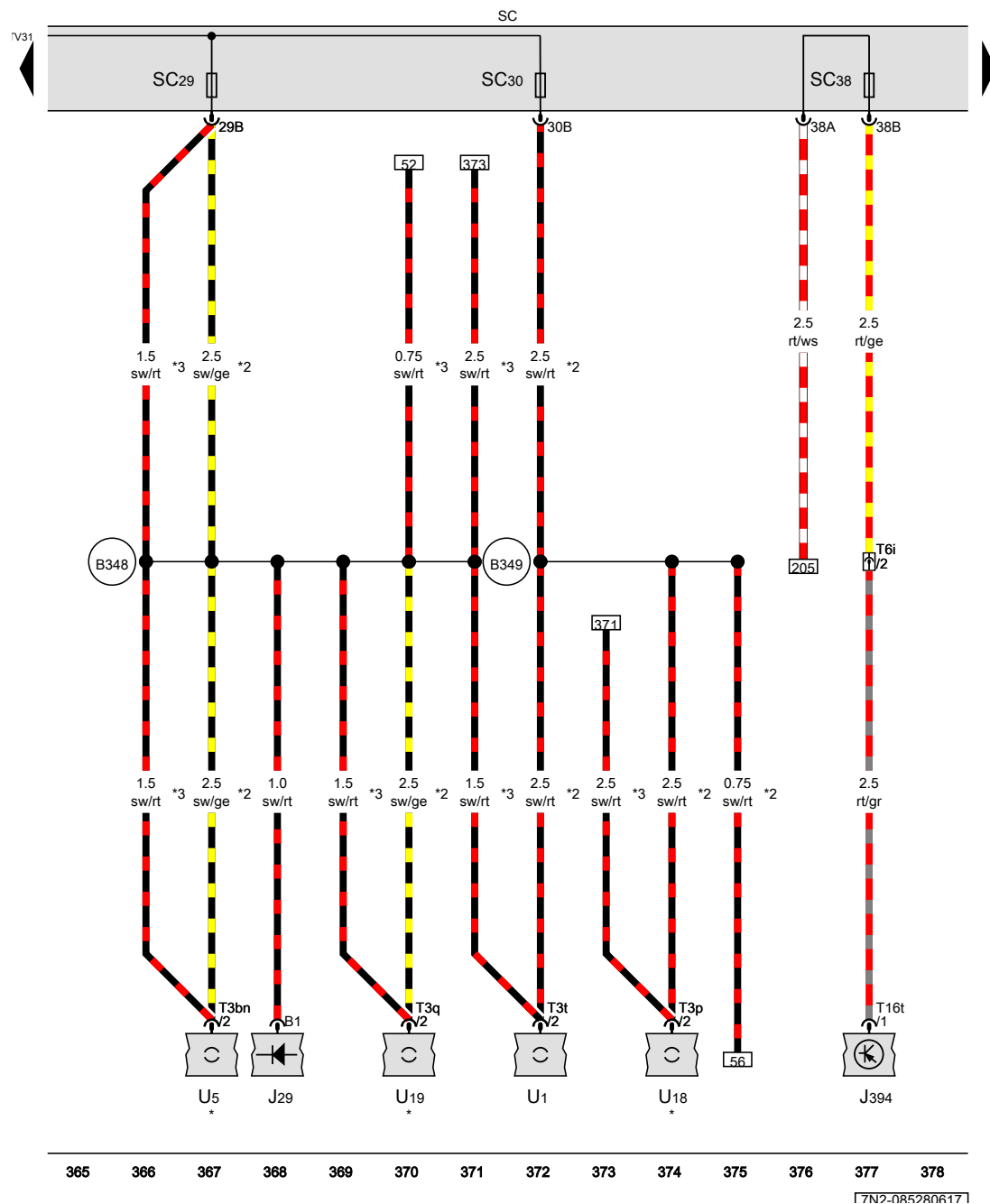
- * For models with entry and start authorisation
- *2 For models with taxi equipment

- 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 holder C

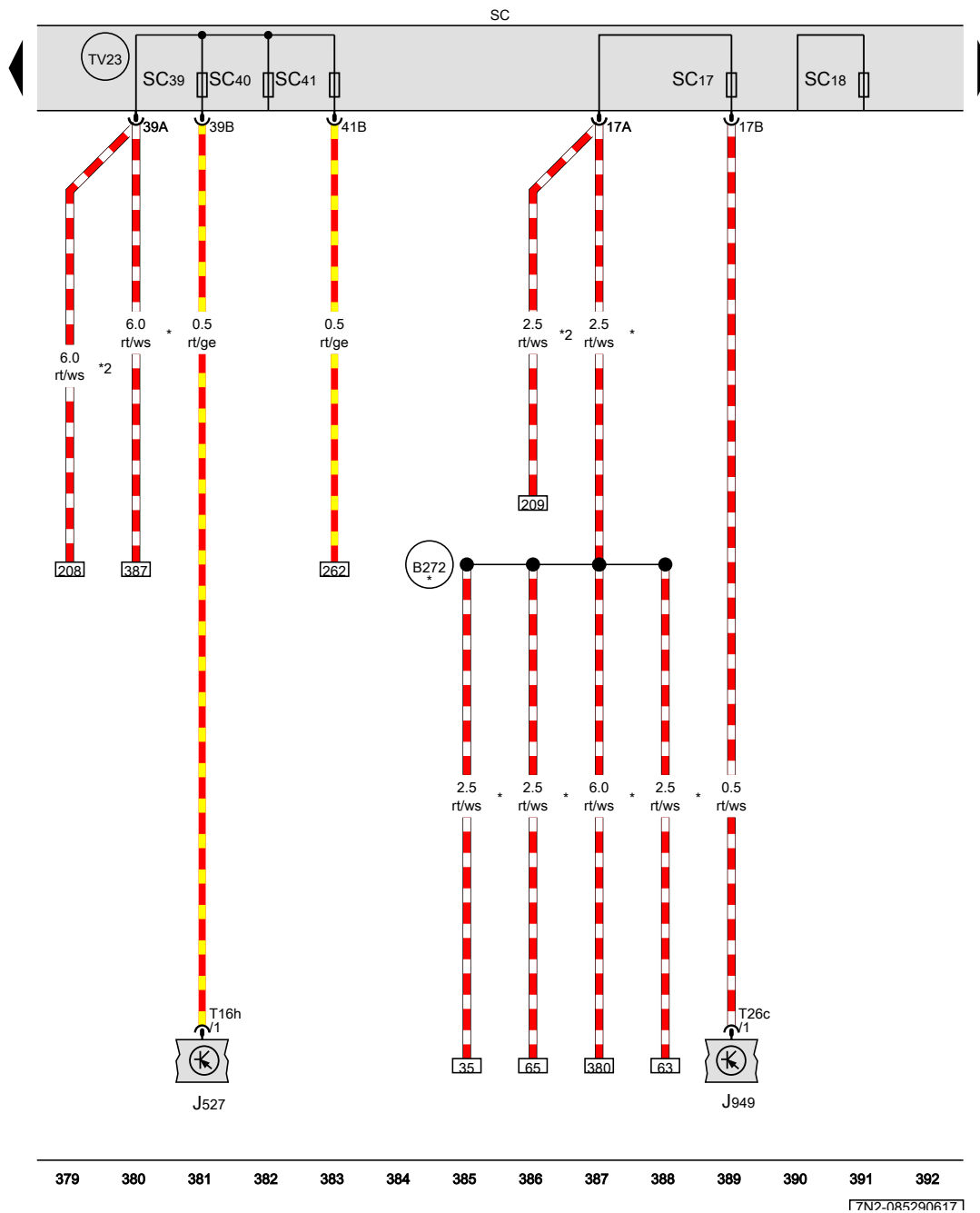
- J245 Sliding sunroof adjustment control unit
- J984 Two-way signal amplifier for mobile telephone/data services
- R265 Storage compartment with interface for mobile telephone
- SC Fuse holder C
- SC28 Fuse 28 on fuse holder C
- SC31 Fuse 31 on fuse holder C
- SC32 Fuse 32 on fuse holder C
- SC33 Fuse 33 on fuse holder C
- SC34 Fuse 34 on fuse holder C
- SC36 Fuse 36 on fuse holder C
- SC37 Fuse 37 on fuse holder C
- T4ae 4-pin connector
- T4ca 4-pin connector, brown
- T4cb 4-pin connector, black
- T6i 6-pin connector
- T10f 10-pin connector
- T16i 16-pin connector
- V12 Rear window wiper motor
- B321 Positive connection 7 (30a) in main wiring harness
- B491 Positive connection (75), in interior wiring harness
- TV31 Terminal 75 wiring junction



Fuse holder C

- J29 Blocking diode
- J394 Sunroof roller blind control unit
- SC Fuse holder C
- SC29 Fuse 29 on fuse holder C
- SC30 Fuse 30 on fuse holder C
- SC38 Fuse 38 on fuse holder C
- T3bn 3-pin connector
- T3p 3-pin connector
- T3q 3-pin connector
- T3t 3-pin connector
- T6i 6-pin connector
- T16t 16-pin connector
- U1 Cigarette lighter
- U5 12 V socket, in centre console
- U18 12 V socket 2
- U19 12 V socket 3
- B348 Connection 1 (75a), in main wiring harness
- B349 Connection 2 (75a), in main wiring harness
- TV31 Terminal 75 wiring junction
- * According to equipment
- *2 Up to November 2015
- *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



Fuse holder C

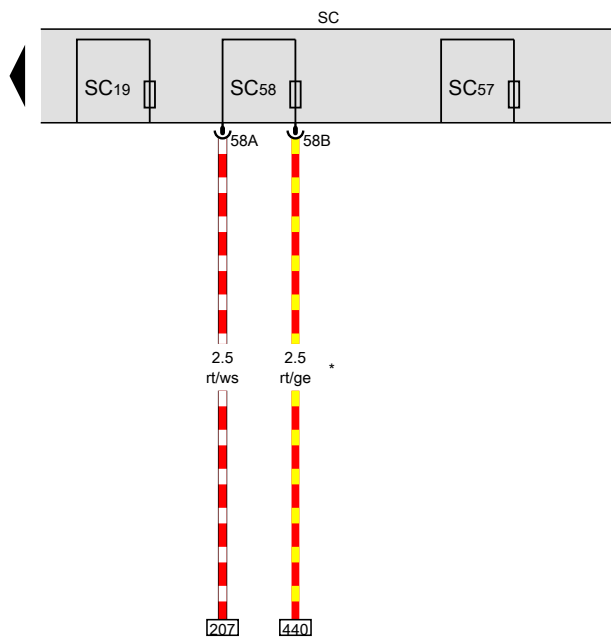
- J527 Steering column electronics control unit
- J949 Emergency call module control unit and communication unit
- SC Fuse holder C
- SC17 Fuse 17 on fuse holder C
- SC18 Fuse 18 on fuse holder C
- SC39 Fuse 39 on fuse holder C
- SC40 Fuse 40 on fuse holder C
- SC41 Fuse 41 on fuse holder C
- T16h 16-pin connector
- T26c 26-pin connector

B272 Positive connection (30), in main wiring harness

TV23 Push-in bridge

- * For models with start/stop system
- *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



Fuse holder C

- SC Fuse holder C
- SC19 Fuse 19 on fuse holder C
- SC57 Fuse 57 on fuse holder C
- SC58 Fuse 58 on fuse holder C
- * For models with taxi 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

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

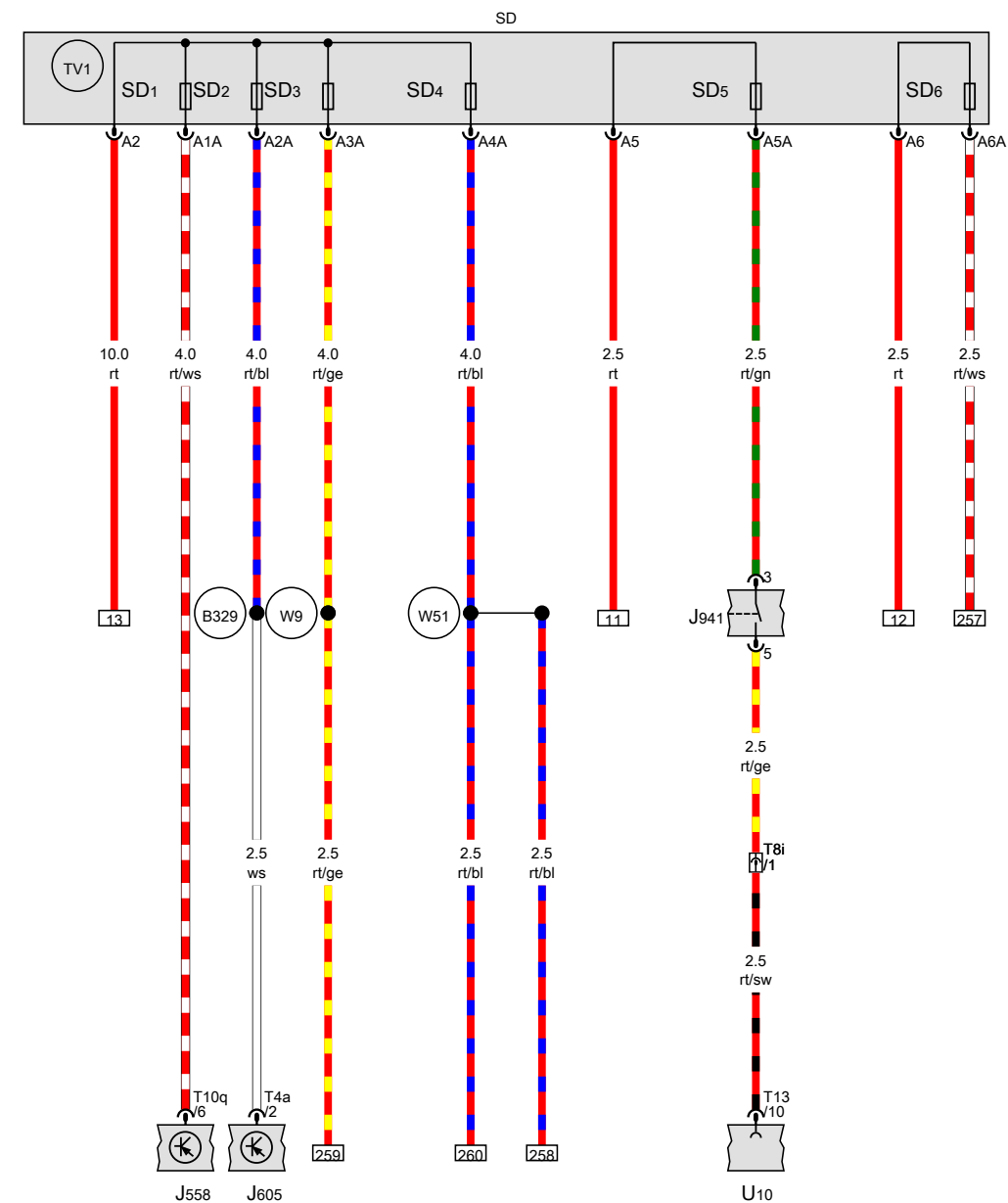
[7N2-085300617]

Fuse holder D

- J558 Left sliding door control unit
- J605 Rear lid control unit
- J941 Trailer voltage supply relay
- 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
- SD5 Fuse 5 on fuse holder D
- SD6 Fuse 6 on fuse holder D
- T4a 4-pin connector
- T8i 8-pin connector
- T10q 10-pin connector
- T13 13-pin connector
- U10 Trailer socket

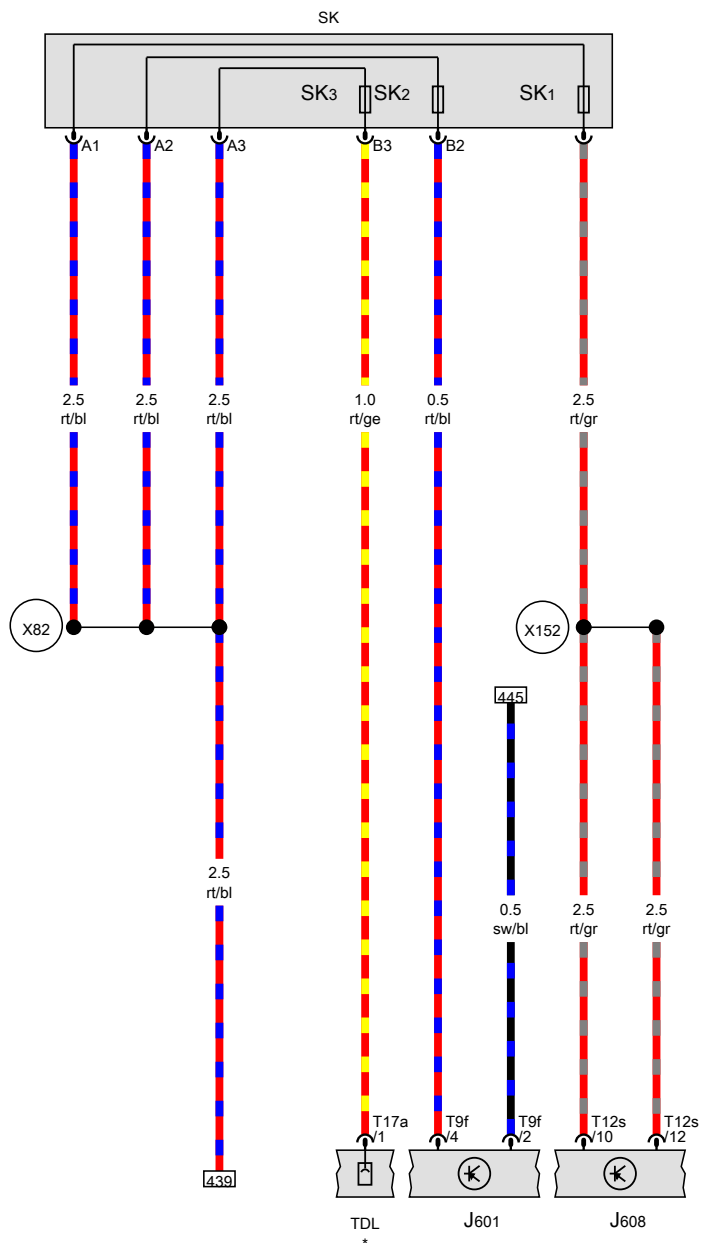
- B329 Positive connection 15 (30a) in main wiring harness
- TV1 Wiring junction
- W9 Positive connection 1 (30), in rear wiring harness
- W51 Positive connection 2 (30), in rear wiring harness

- 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



407 408 409 410 411 412 413 414 415 416 417 418 419 420

[7N2-085310R17]



Fuse holder K

- J601 Taxi alarm remote control, control unit, under driver seat
- J608 Special vehicle control unit
- SK Fuse holder K
- SK1 Fuse 1 on fuse holder K
- SK2 Fuse 2 on fuse holder K
- SK3 Fuse 3 on fuse holder K
- T9f 9-pin connector, black
- T12s 12-pin connector, black
- T17a 17-pin connector, black
- TDL Coupling point on left D-pillar

X82 Positive connection 1 (30a), in taxi wiring harness

X152 Positive connection 2 (15), in taxi wiring harness

* Connection for 2-way radio

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

421 422 423 424 425 426 427 428 429 430 431 432 433 434

[7N2-085320R17]

Coupling point in interior, below left

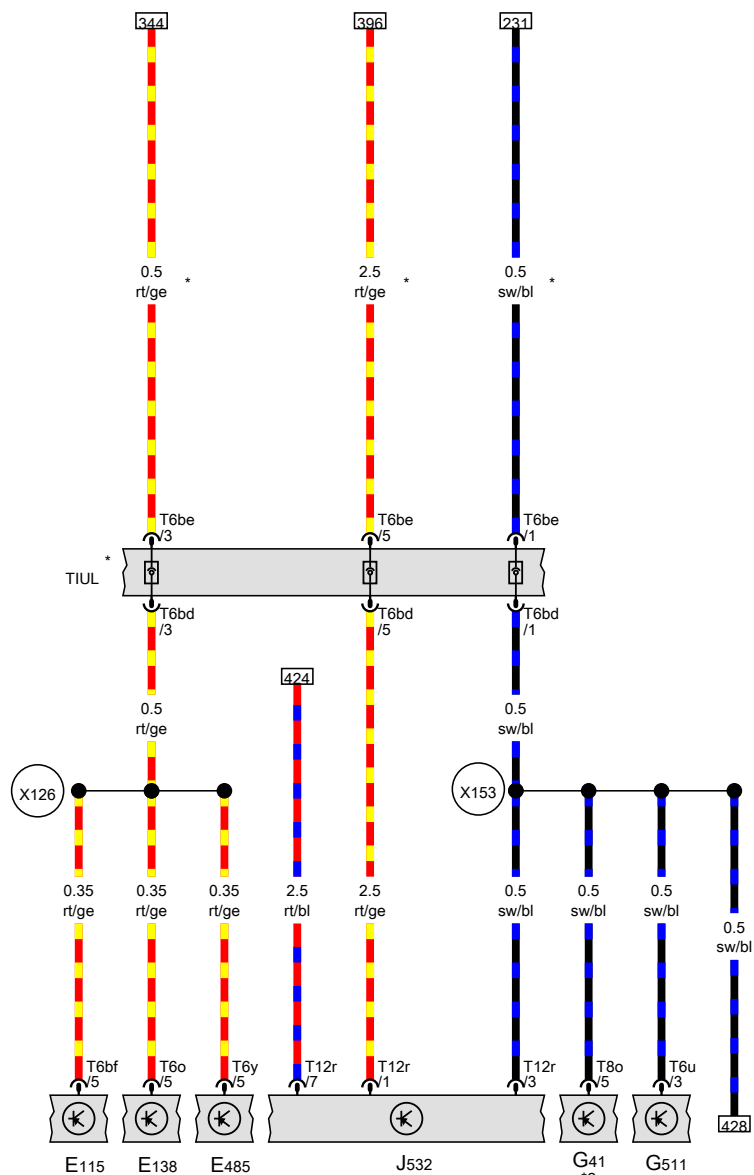
- E115 Interior light switch (taxi)
- E138 Taxi sign switch
- E485 Taxi alarm active button
- G41 Taximeter, in centre console
- G511 Mirror taximeter
- J532 Voltage stabiliser
- T6bd 6-pin connector, black
- T6be 6-pin connector, black
- T6bf 6-pin connector, black
- T6o 6-pin connector, black
- T6u 6-pin connector, blue
- T6y 6-pin connector, black
- T8o 8-pin connector, black
- T12r 12-pin connector, black
- TIUL Coupling point in interior, below left

X126 Positive connection 2 (30a), in taxi wiring harness

X153 Positive connection 3 (15), in taxi wiring harness

* For models with taxi equipment

*2 Optional installation



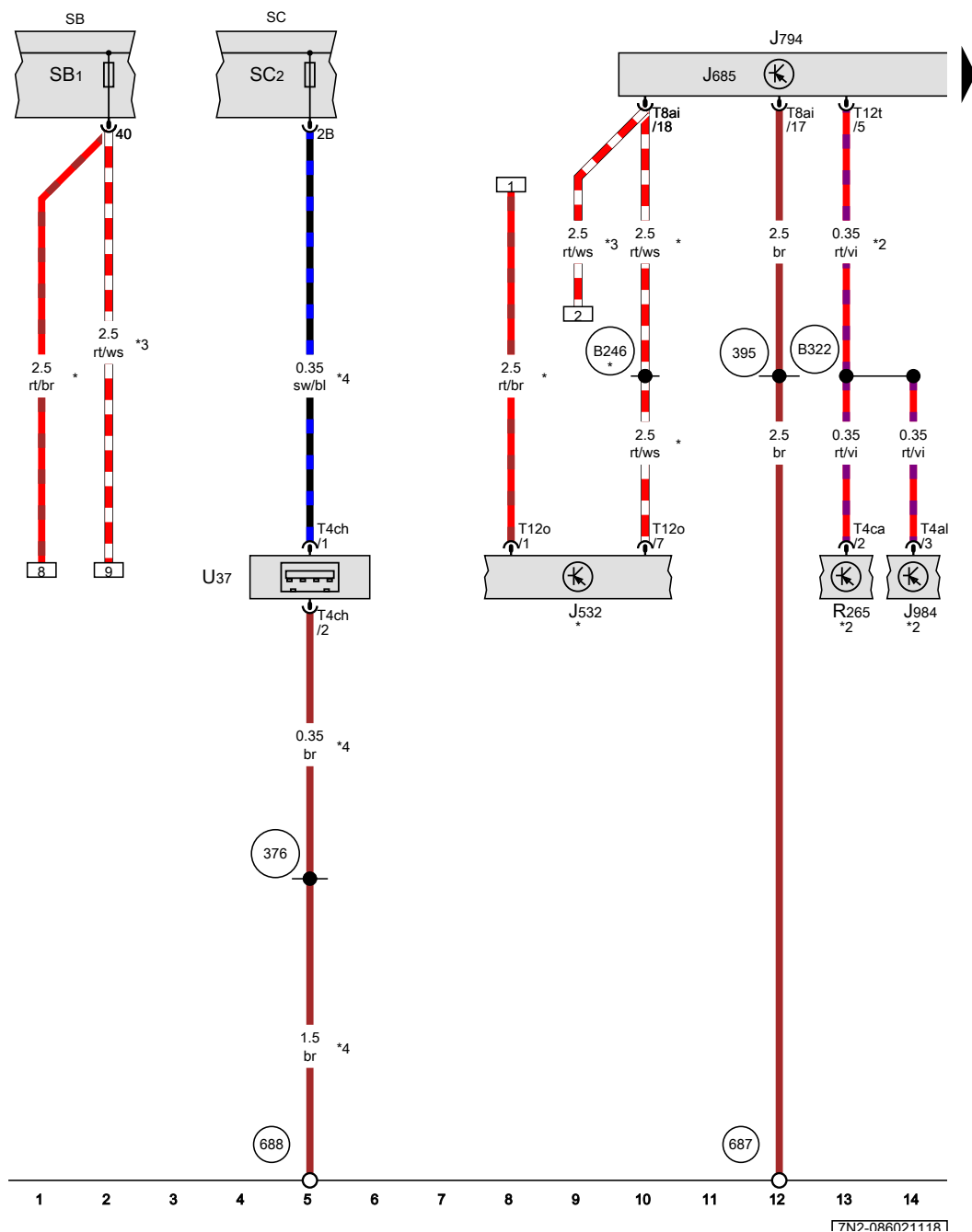
435 436 437 438 439 440 441 442 443 444 445 446 447 448

[7N2-085330R17]

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

Radio navigation system

From May 2015

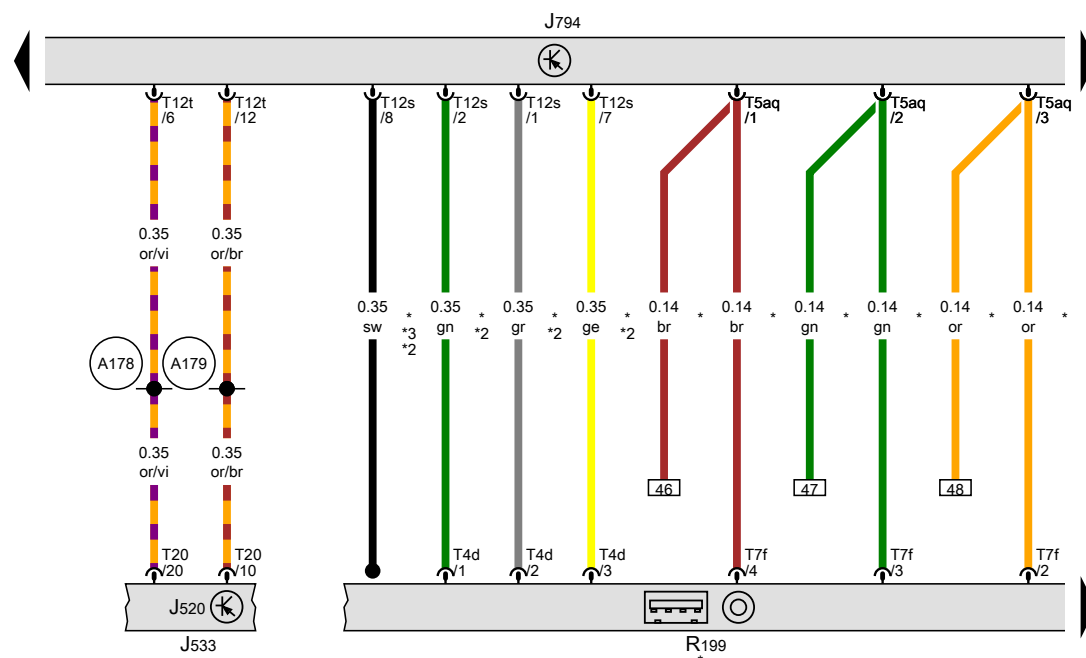


Voltage stabiliser, Display unit for front information display and operating unit control unit, Control unit 1 for information electronics, Two-way signal amplifier for mobile telephone/data services, Storage compartment with interface for mobile telephone, Fuse holder B

- J532 Voltage stabiliser
- J685 Display unit for front information display and operating unit control unit
- J794 Control unit 1 for information electronics
- J984 Two-way signal amplifier for mobile telephone/data services
- R265 Storage compartment with interface for mobile telephone
- SB Fuse holder B
- SB1 Fuse 1 on fuse holder B
- SC Fuse holder C
- SC2 Fuse 2 on fuse holder C
- T4al 4-pin connector, black
- T4ca 4-pin connector, brown
- T4ch 4-pin connector, black
- T8ai 8-pin connector, black
- T12o 12-pin connector, black
- T12t 12-pin connector, grey
- U37 USB charging socket 1

- 376 Earth connection 11, in main wiring harness
- 395 Earth connection 30, in main wiring harness
- 687 Earth point 1, on centre tunnel
- 688 Earth point 2, on centre tunnel
- B246 Positive connection (30a, stabilised), in interior wiring harness
- B322 Positive connection 8 (30a) in main wiring harness

- * Up to May 2016
- *2 According to equipment
- *3 From May 2016
- *4 From July 2018

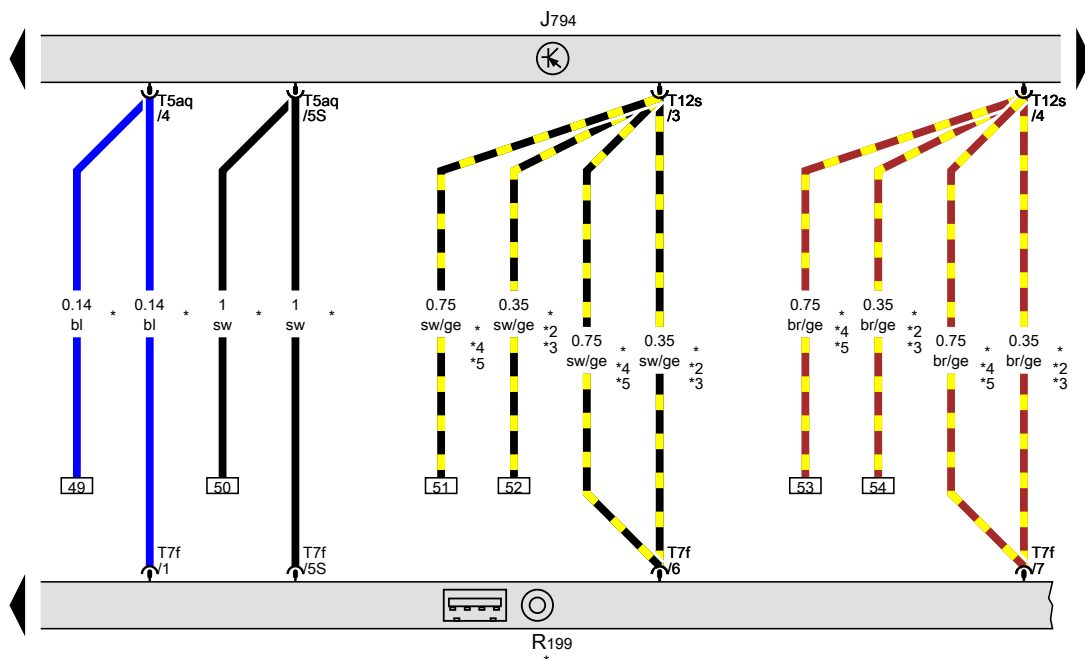


Onboard supply control unit 2, Data bus diagnostic interface, Control unit 1 for information electronics, Connection for external audio sources

- J520 Onboard supply control unit 2
- J533 Data bus diagnostic interface
- J794 Control unit 1 for information electronics
- R199 Connection for external audio sources
- T4d 4-pin connector, black
- T5aq 5-pin connector, yellow
- T7f 7-pin connector, purple
- T12s 12-pin connector, green
- T12t 12-pin connector, grey
- T20 20-pin connector, red
- A178 Connection (infotainment CAN bus, high), in dash panel wiring harness
- A179 Connection (infotainment CAN bus, low), in dash panel wiring harness
- * According to equipment
- *2 Up to November 2018
- *3 Wiring open end

ws = white
 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, Connection for external audio sources



- J794 Control unit 1 for information electronics
- R199 Connection for external audio sources
- T5aq 5-pin connector, yellow
- T7f 7-pin connector, purple
- T12s 12-pin connector, green
- * According to equipment
- *2 Up to November 2016
- *3 From May 2017
- *4 From November 2016
- *5 Up to May 2017

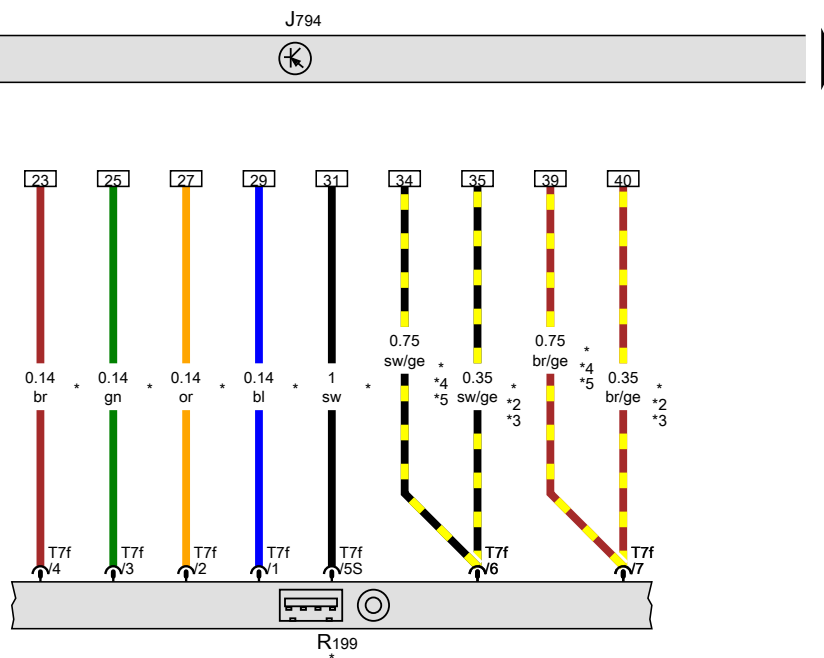
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- sw = black
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- br = brown
- gn = green
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- gr = grey
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- vi = purple
- ge = yellow
- or = orange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

29	30	31	32	33	34	35	36	37	38	39	40	41	42
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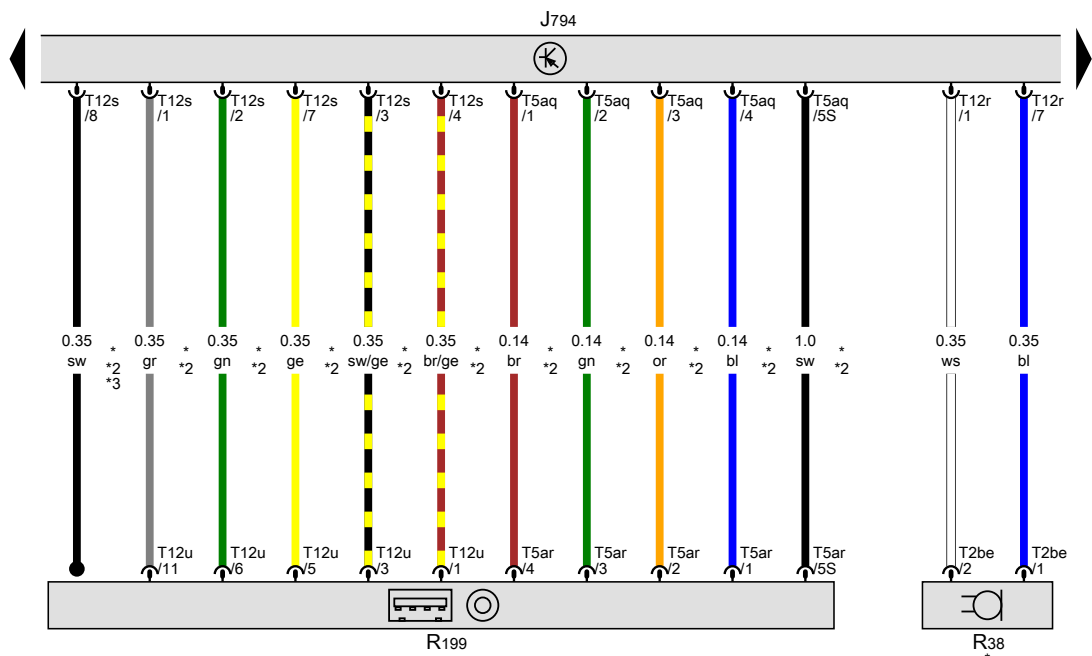
[7N2-086041118]

Control unit 1 for information electronics

- J794 Control unit 1 for information electronics
 R199 Connection for external audio sources
 T7f 7-pin connector, black
 * According to equipment
 *2 Up to November 2016
 *3 From May 2017
 *4 From November 2016
 *5 Up to May 2017



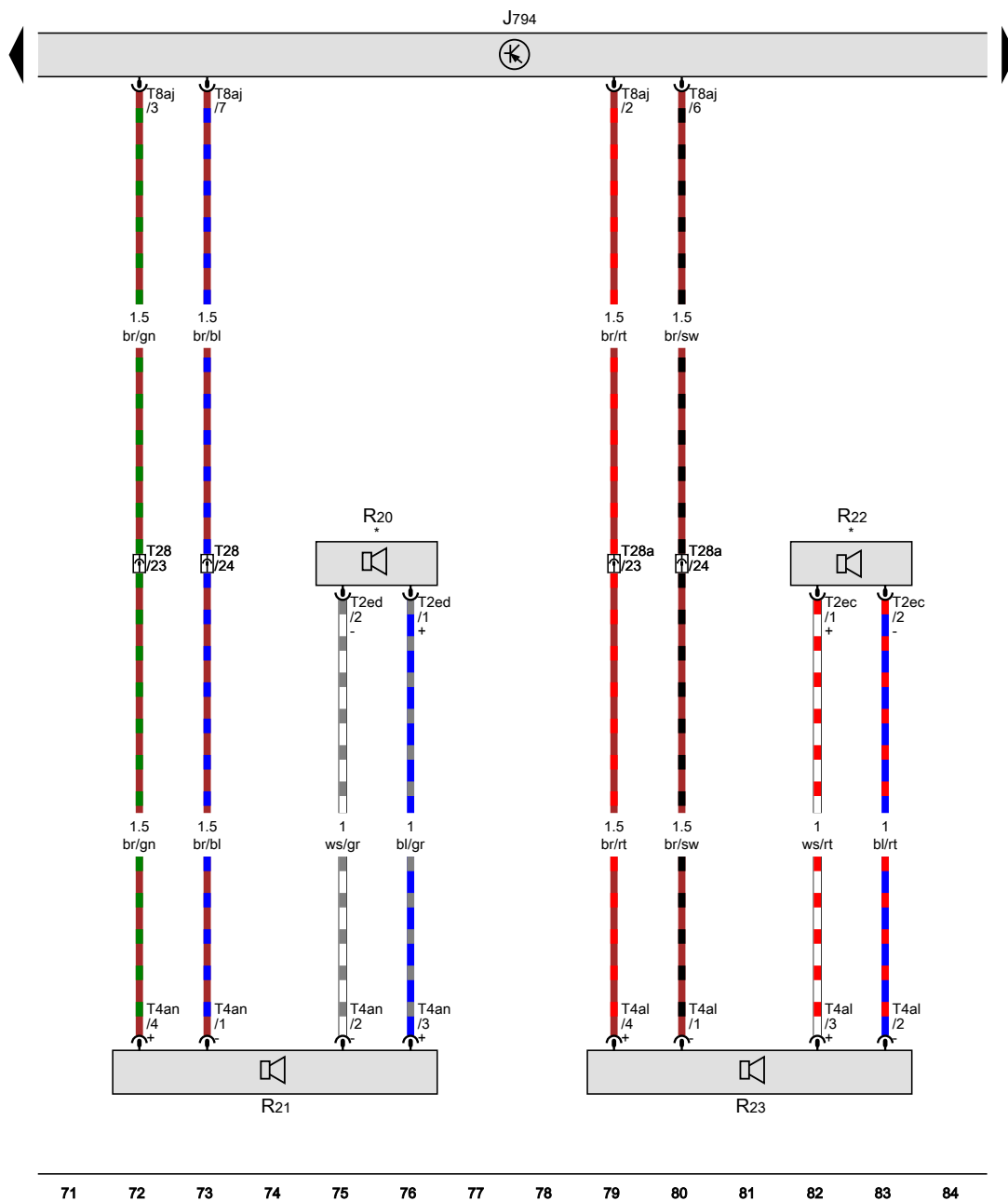
- ws = white
 sw = black
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 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



Control unit 1 for information electronics, Telephone microphone, Connection for external audio sources

- J794 Control unit 1 for information electronics
- R38 Telephone microphone
- R199 Connection for external audio sources
- T2be 2-pin connector, black
- T5aq 5-pin connector, yellow
- T5ar 5-pin connector, yellow
- T12r 12-pin connector, blue
- T12s 12-pin connector, green
- T12u 12-pin connector, black
- * According to equipment
- *2 Up to November 2015
- *3 Wiring open end

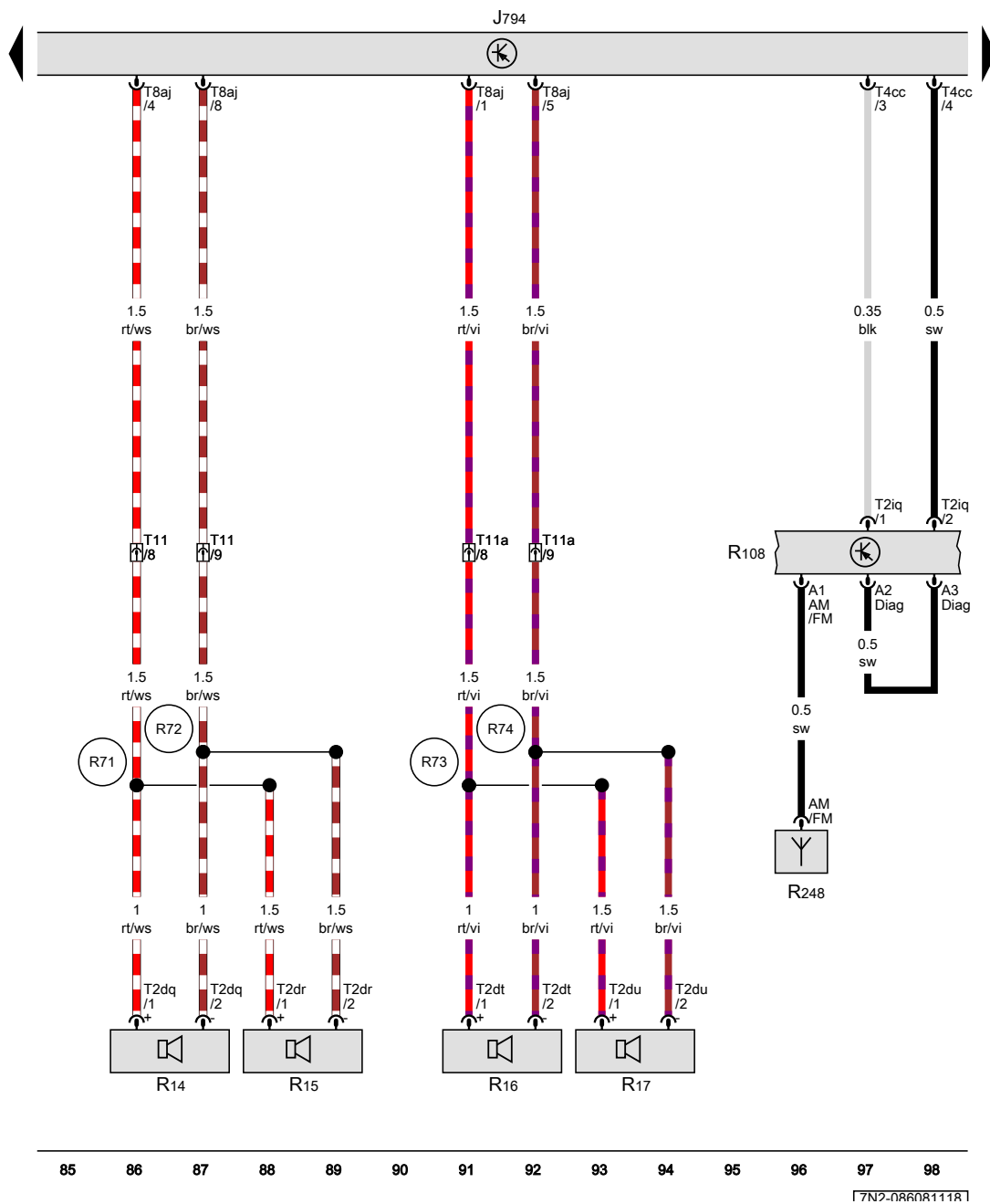
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- ro = red
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- bl = blue
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Control unit 1 for information electronics, Front left treble loudspeaker, Front left bass loudspeaker, Front right treble loudspeaker, Front right bass loudspeaker

- J794 Control unit 1 for information electronics
- R20 Front left treble loudspeaker
- R21 Front left bass loudspeaker
- R22 Front right treble loudspeaker
- R23 Front right bass loudspeaker
- T2ec 2-pin connector, black
- T2ed 2-pin connector, black
- T4al 4-pin connector, black
- T4an 4-pin connector, black
- T8aj 8-pin connector, brown
- T28 28-pin connector, on left A-pillar, black
- T28a 28-pin connector, on right A-pillar, 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
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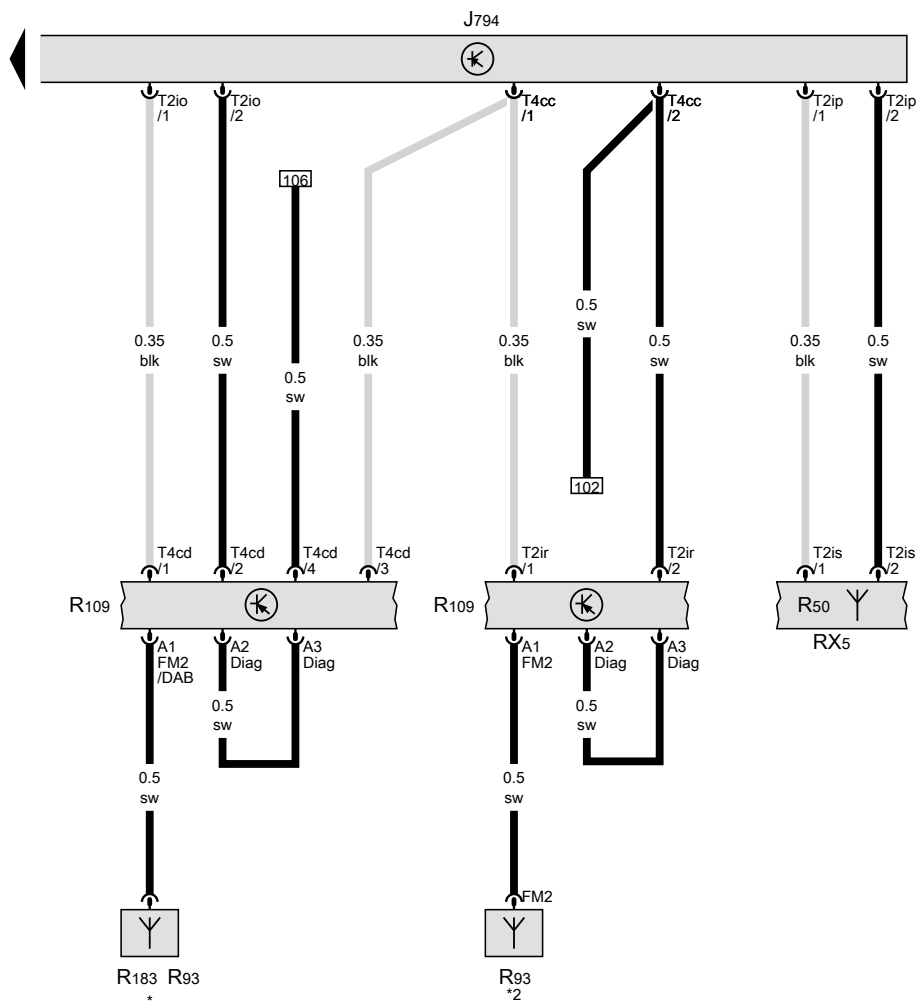
Control unit 1 for information electronics, Rear left treble loudspeaker, Rear left bass loudspeaker, Rear right treble loudspeaker, Rear right bass loudspeaker, Left aerial module, Radio aerial

- 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
- R108 Left aerial module
- R248 Radio aerial
- T2dq 2-pin connector, black
- T2dr 2-pin connector, black
- T2dt 2-pin connector, black
- T2du 2-pin connector, black
- T2iq 2-pin connector, colourless
- T4cc 4-pin connector, white
- T8aj 8-pin connector, brown
- T11 11-pin connector, in rear left door, black
- T11a 11-pin connector, in rear right door, 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

ws = white
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Control unit 1 for information electronics, Roof aerial, Radio aerial 2, Digital radio aerial

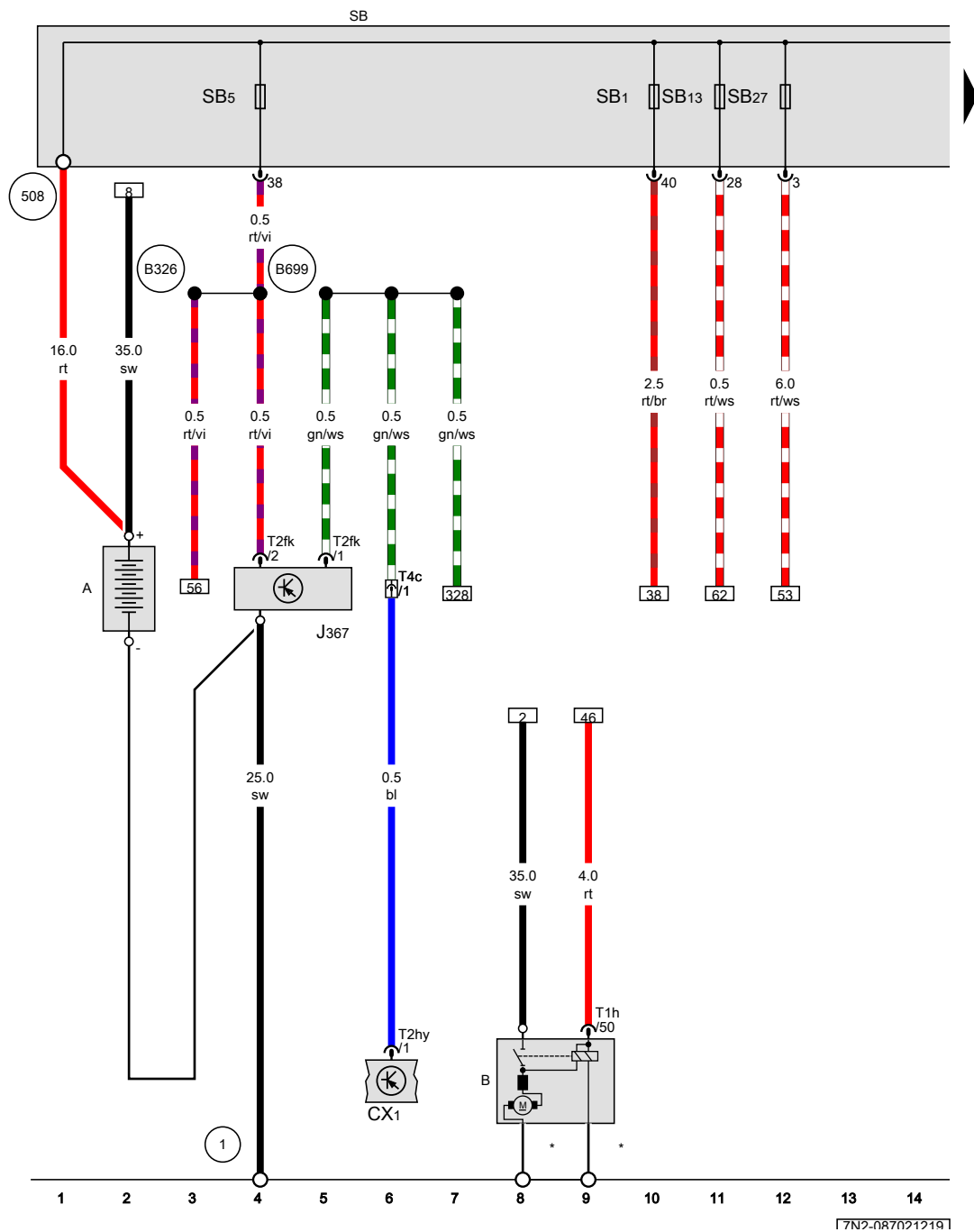


- J794 Control unit 1 for information electronics
- RX5 Roof aerial
- R50 GPS aerial
- R93 Radio aerial 2
- R109 Right aerial module
- R183 Digital radio aerial
- T2io 2-pin connector, black
- T2ip 2-pin connector, blue
- T2ir 2-pin connector, purple
- T2is 2-pin connector, blue
- T4cc 4-pin connector, white
- T4cd 4-pin connector, black
- * For models with digital radio
- *2 According to equipment

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

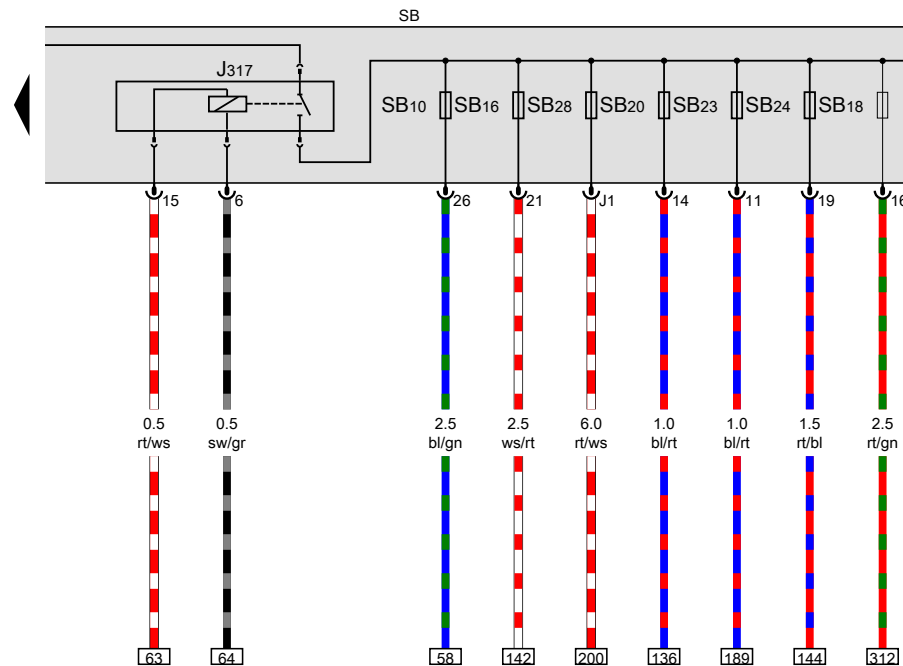
2.0l diesel engine , DFLA,DFLD,DFMA

From November 2015



Battery, Starter, Alternator with voltage regulator, Battery monitor control unit, Fuse holder B

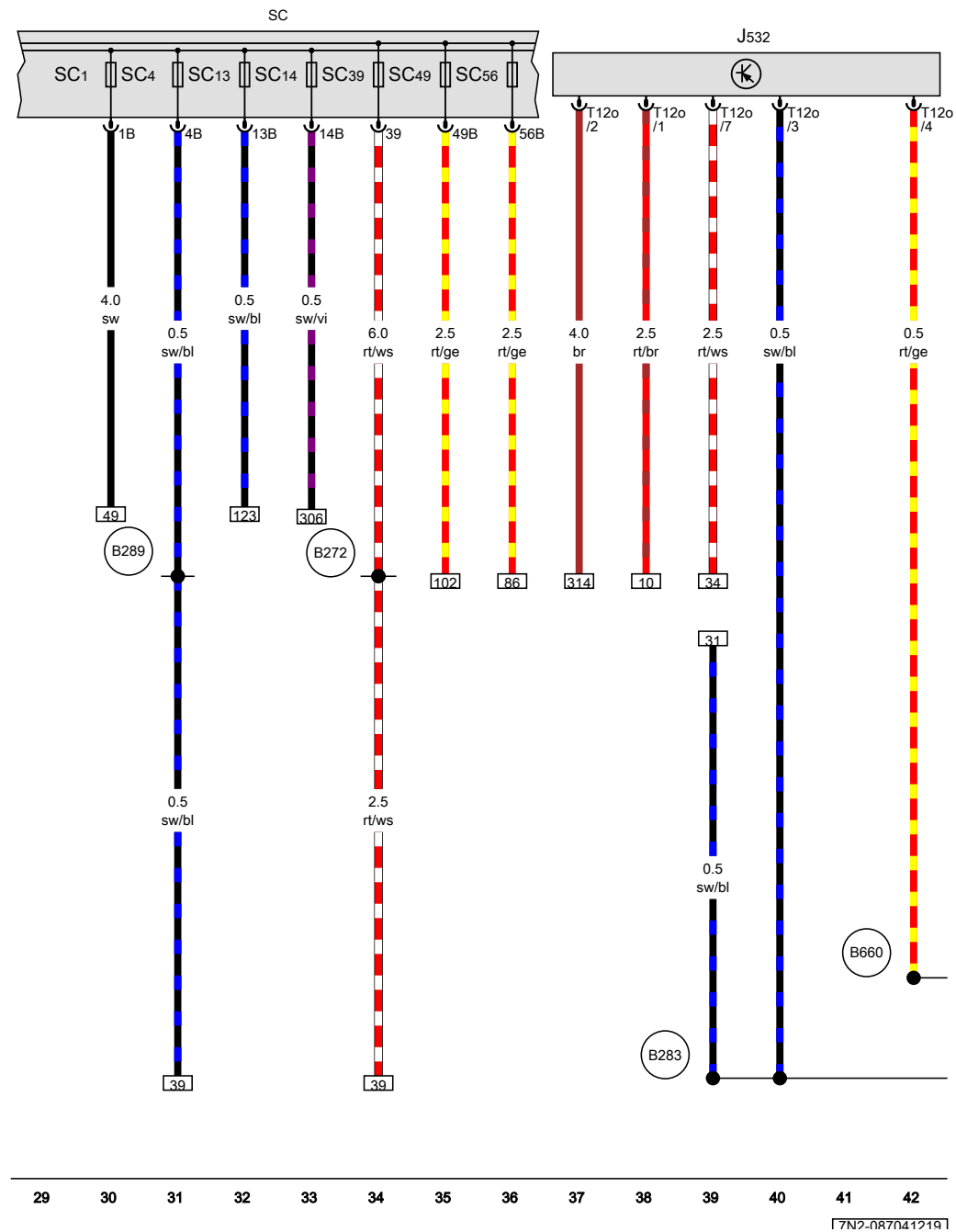
- A Battery
- B Starter
- CX1 Alternator with voltage regulator
- J367 Battery monitor control unit, on earth cable battery clamp
- SB Fuse holder B
- SB1 Fuse 1 on fuse holder B
- SB5 Fuse 5 on fuse holder B
- SB13 Fuse 13 on fuse holder B
- SB27 Fuse 27 on fuse holder B
- T1h 1-pin connector, black
- T2fk 2-pin connector, yellow
- T2hy 2-pin connector, black
- T4c 4-pin connector, black
- 1 Earth strap, battery - body
- 508 Threaded connection (30) on E-box
- B326 Positive connection 12 (30a) in main wiring harness
- B699 Connection 4 (LIN bus) in main wiring harness
- * Earth supply via housing



Terminal 30 voltage supply relay, Fuse holder B

- J317 Terminal 30 voltage supply relay
- SB Fuse holder B
- SB10 Fuse 10 on fuse holder B
- SB16 Fuse 16 on fuse holder B
- SB18 Fuse 18 on fuse holder B
- SB20 Fuse 20 on fuse holder B
- SB23 Fuse 23 on fuse holder B
- SB24 Fuse 24 on fuse holder B
- SB28 Fuse 28 on fuse holder B

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Voltage stabiliser, Fuse holder C

J532 Voltage stabiliser

SC Fuse holder C

SC1 Fuse 1 on fuse holder C

SC4 Fuse 4 on fuse holder C

SC13 Fuse 13 on fuse holder C

SC14 Fuse 14 on fuse holder C

SC39 Fuse 39 on fuse holder C

SC49 Fuse 49 on fuse holder C

SC56 Fuse 56 on fuse holder C

T12o 12-pin connector, red

B272 Positive connection (30), in main wiring harness

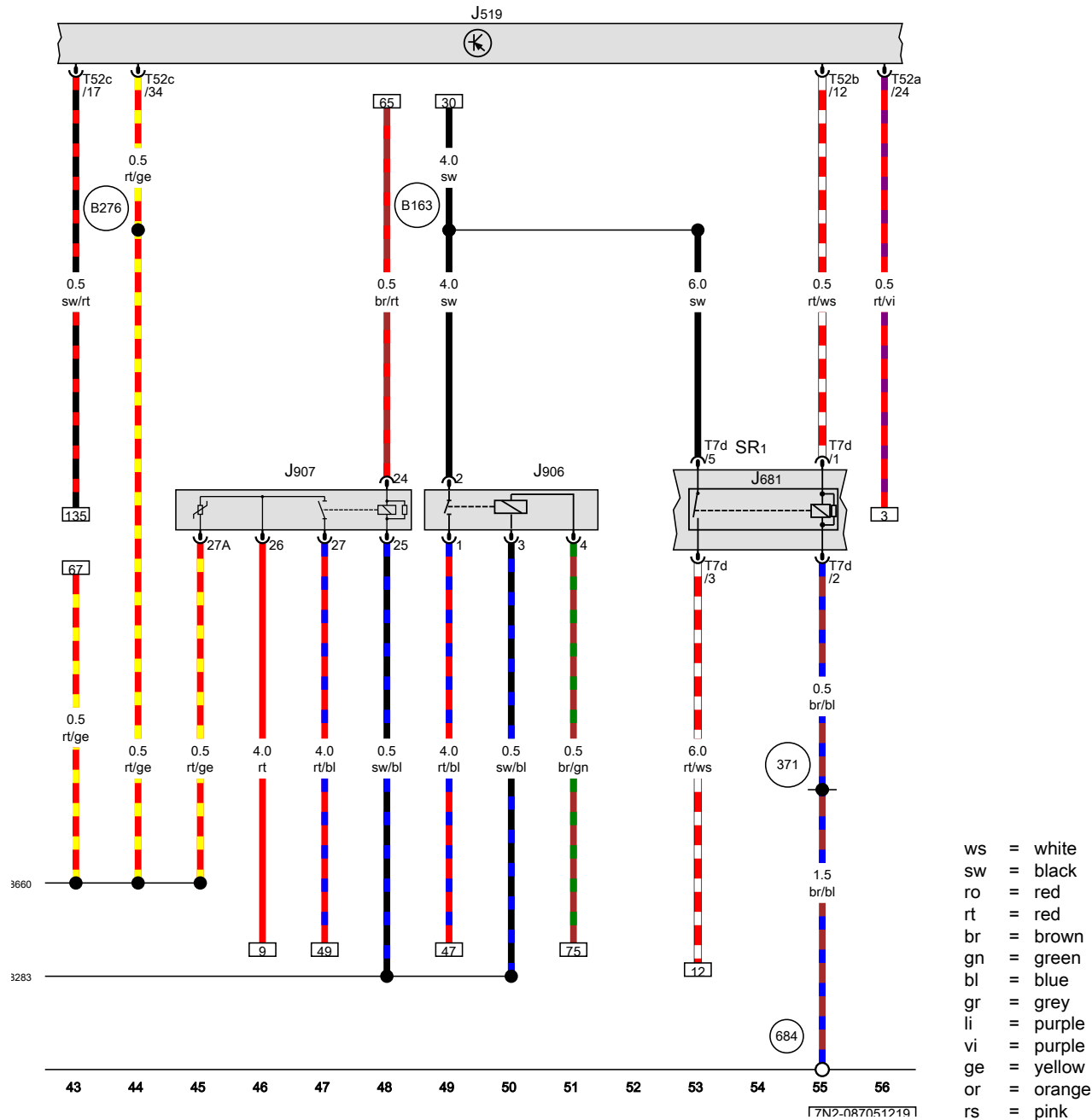
B283 Positive connection 7 (15a) in main wiring harness

B289 Positive connection 13 (15a) in main wiring harness

B660 Connection (diagnosis terminal 50), in main wiring harness

Onboard supply control unit, Terminal 15 voltage supply relay 2, Starter relay 1, Starter relay 2, Relay and fuse carrier 1

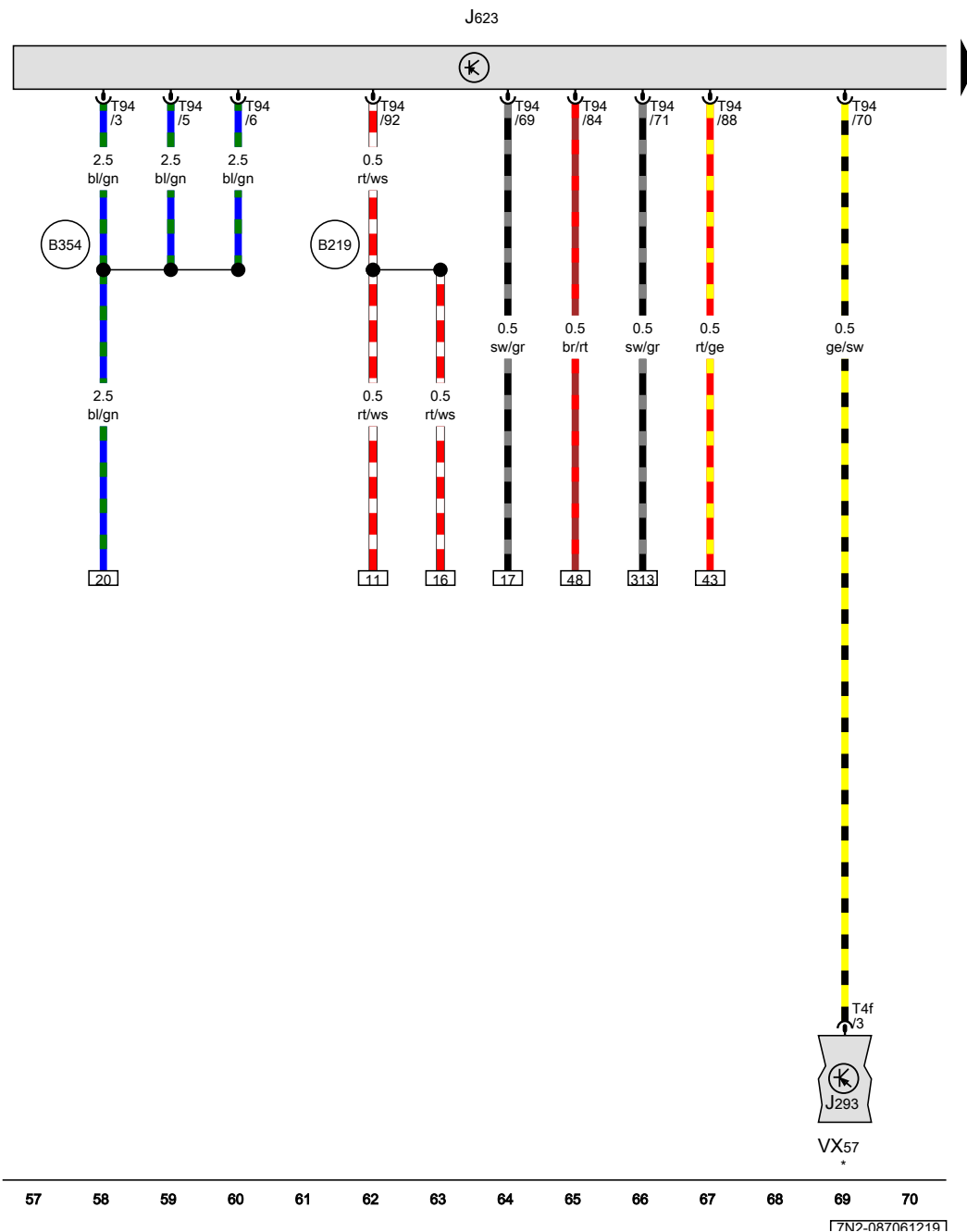
- | | |
|------|--|
| J519 | Onboard supply control unit |
| J681 | Terminal 15 voltage supply relay 2 |
| J906 | Starter relay 1 |
| J907 | Starter relay 2 |
| SR1 | Relay and fuse carrier 1 |
| T7d | 7-pin connector, black |
| T52a | 52-pin connector, black |
| T52b | 52-pin connector, colourless |
| T52c | 52-pin connector, brown |
| 371 | Earth connection 6, in main wiring harness |
| 684 | Earth point on front of left side member |
| B163 | Positive connection 1 (15), in interior wiring harness |
| B276 | Positive connection (50), in main wiring harness |
| B283 | Positive connection 7 (15a) in main wiring harness |
| B660 | Connection (diagnosis terminal 50), in main wiring harness |

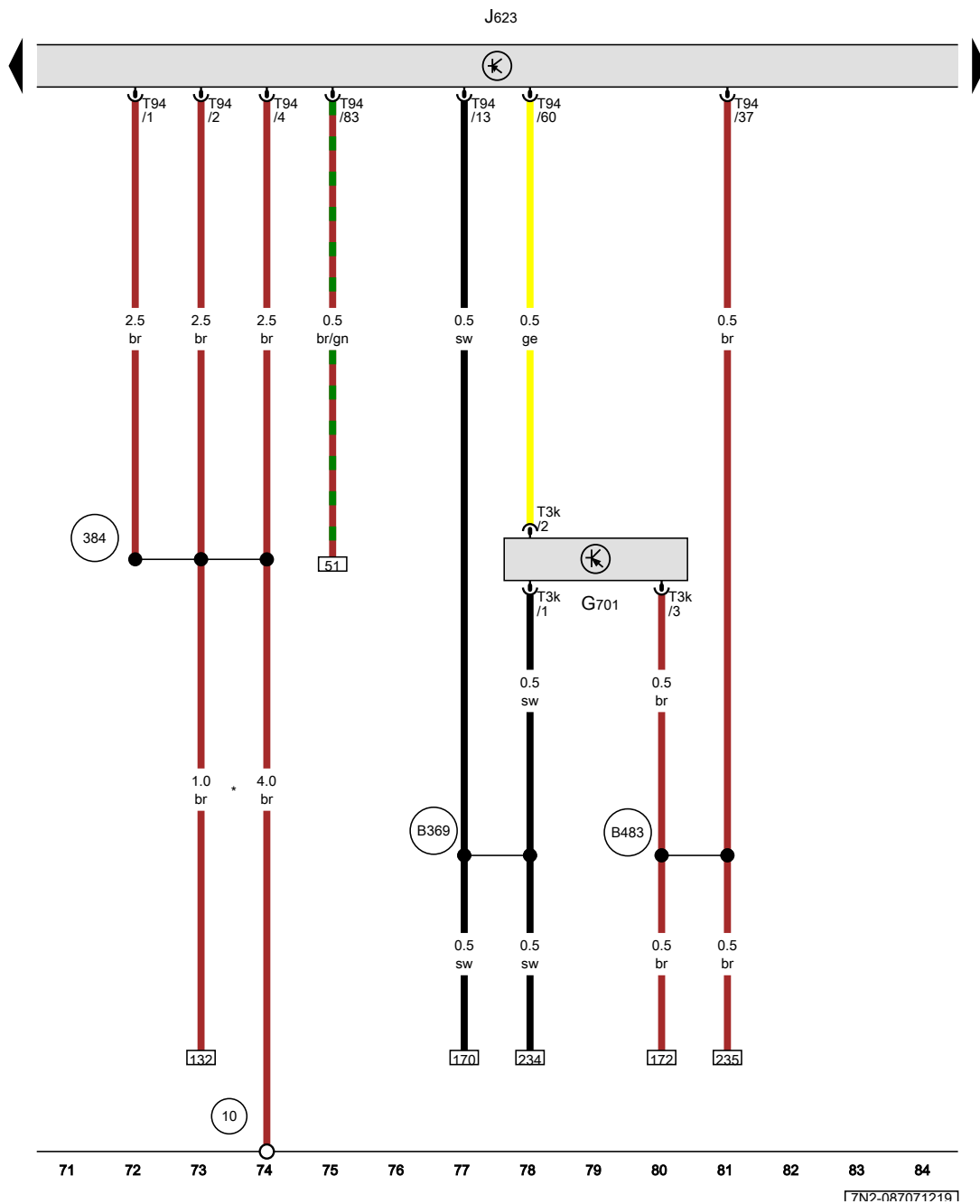


Engine/motor control unit, Radiator fan

J293 Radiator fan control unit
J623 Engine/motor control unit
T4f 4-pin connector, black
T94 94-pin connector, black
VX57 Radiator fan

B219 Positive connection 4 (30a), in interior wiring harness
B354 Positive connection 5 (87a) in main wiring harness
* Pre-wired component





Gearbox neutral position sender, Engine/motor control unit

G701 Gearbox neutral position sender

J623 Engine/motor control unit

T3k 3-pin connector, black

T94 94-pin connector, black

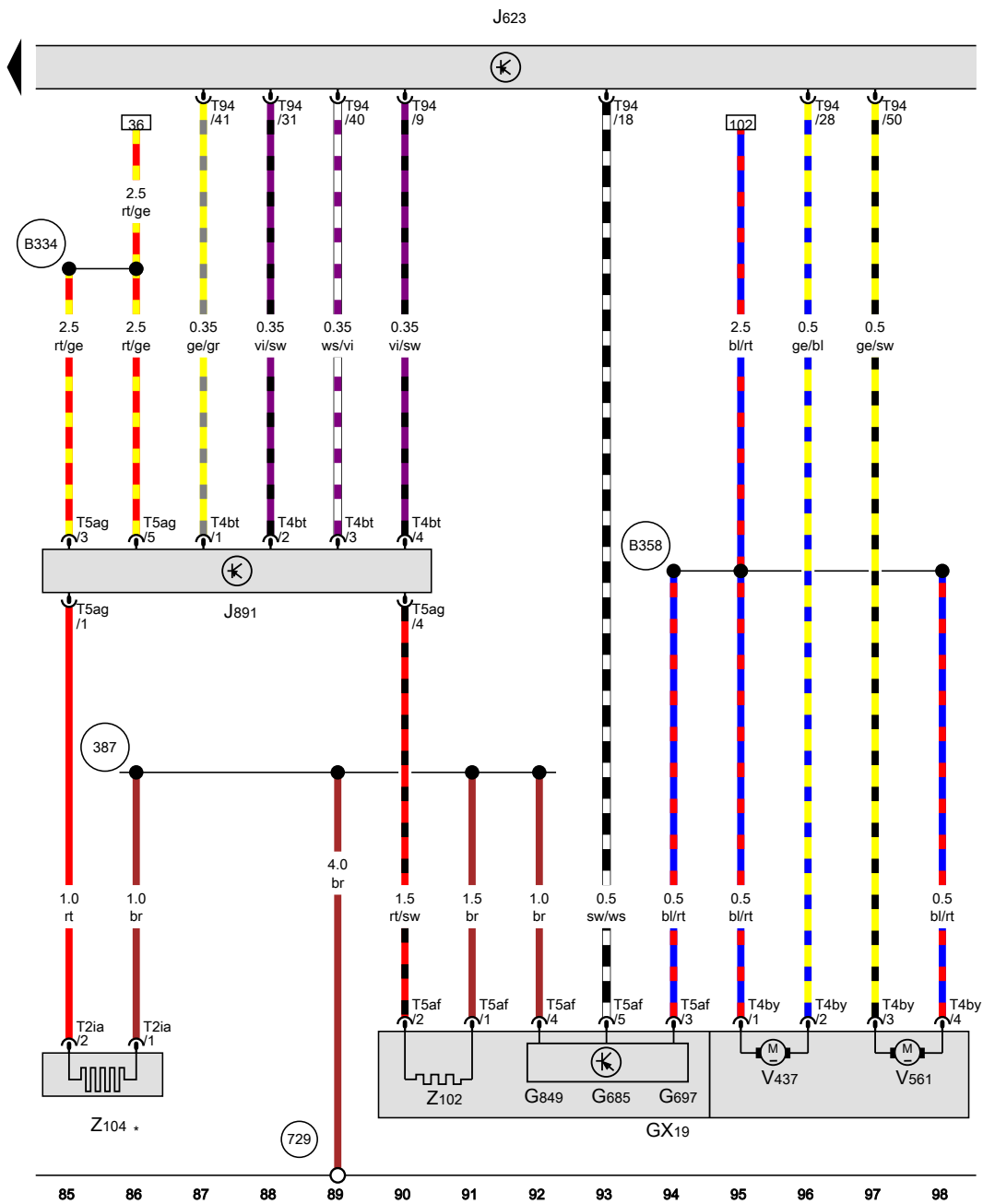
10 Earth point, in plenum chamber

384 Earth connection 19, in main wiring harness

B369 Connection 1 (5V), in main wiring harness

B483 Connection 19, in main wiring harness

* For models with manual gearbox



Delivery unit for reducing agent metering system, Engine/motor control unit, Control unit for reducing agent heater, Heater for reducing agent line (heater circuit 2)

- 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
- T2ia 2-pin connector, black
- T4bt 4-pin connector, black
- T4by 4-pin connector, black
- T5af 5-pin connector, black
- T5ag 5-pin connector, black
- 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)
- Z104 Heater for reducing agent line (heater circuit 2)

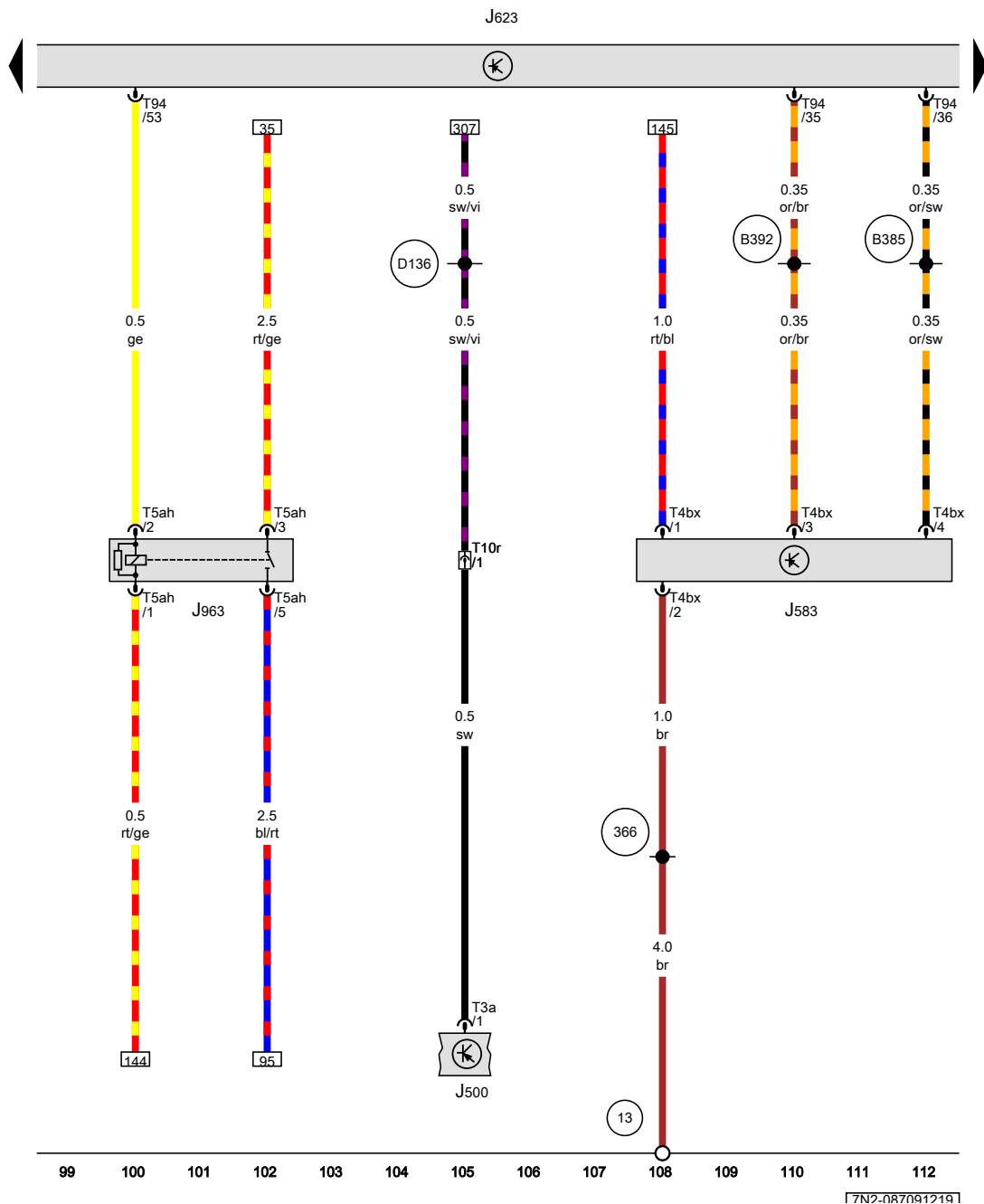
387 Earth connection 22, in main wiring harness

729 Earth point, on left rear wheel housing

B334 Positive connection 20 (30a) in main wiring harness

B358 Positive connection 9 (87a) in main wiring harness

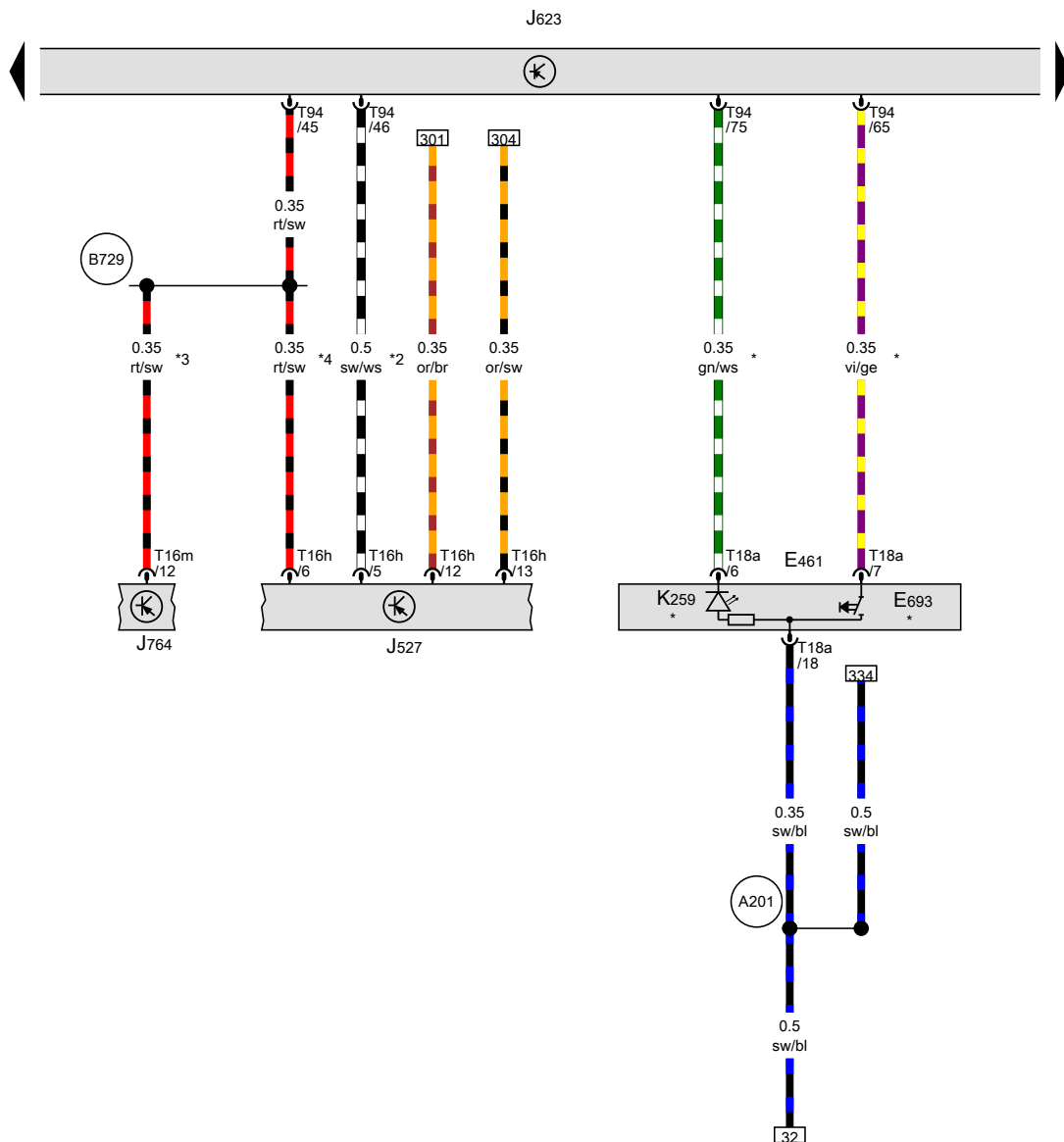
* Pre-wired component



Power steering control unit, Control unit for NOx sender, Engine/motor control unit, Relay for reducing agent metering system

- J500 Power steering control unit
- J583 Control unit for NOx sender
- J623 Engine/motor control unit
- J963 Relay for reducing agent metering system
- T3a 3-pin connector, black
- T4bx 4-pin connector, black
- T5ah 5-pin connector, black
- T10r 10-pin connector, black
- T94 94-pin connector, black

- 13 Earth point, on right in engine compartment
- 366 Earth connection 1, in main wiring harness
- B385 Connection 3 (powertrain CAN bus, high), in main wiring harness
- B392 Connection 3 (powertrain CAN bus, low), in main wiring harness
- D136 Positive connection 2 (15a), in engine compartment wiring harness



Operating unit in front of centre console, Start/Stop operation button, Steering column electronics control unit, Engine/motor control unit, Control unit for electronic steering column lock

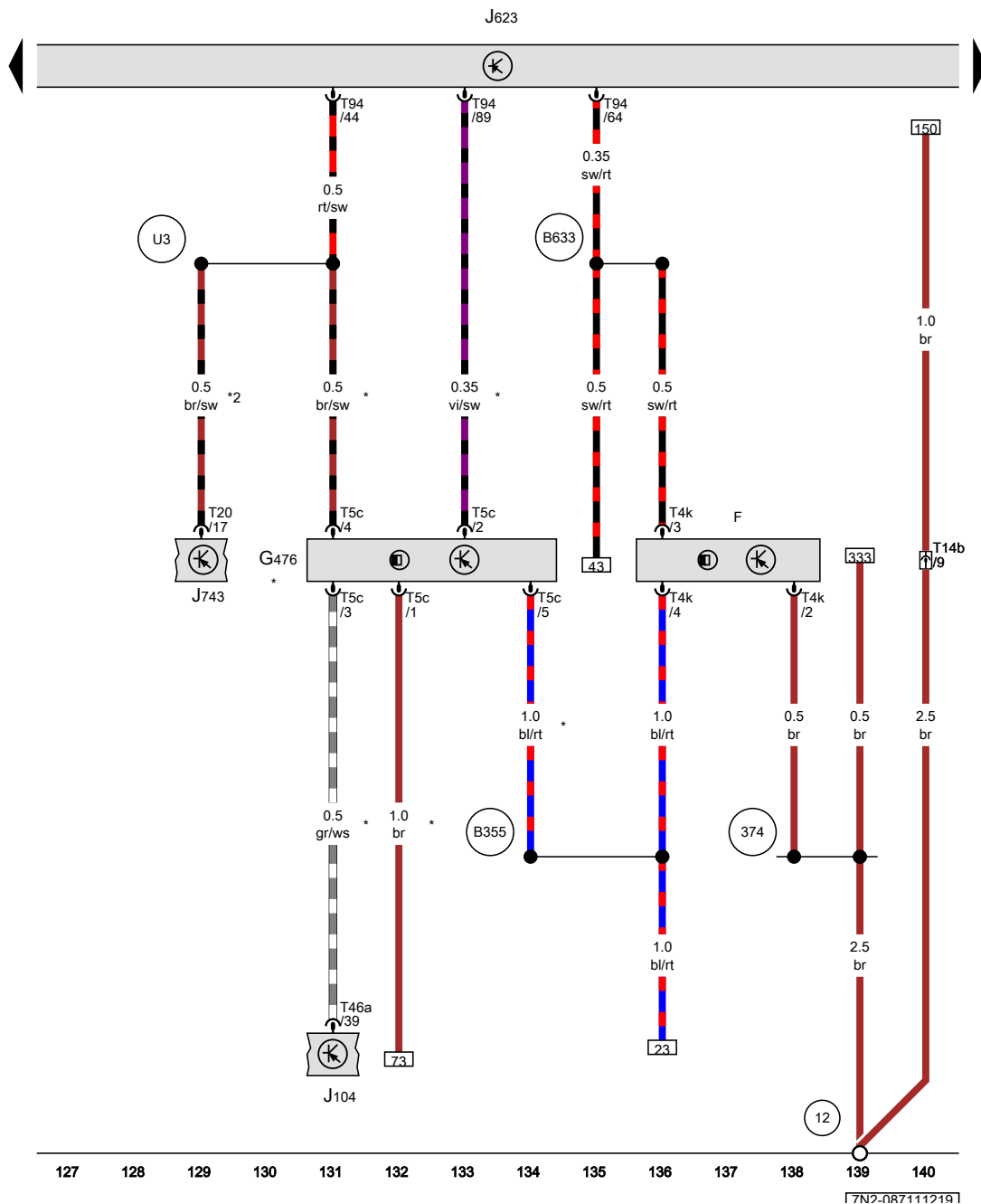
- E461 Operating unit in front of centre console, in centre console
- E693 Start/Stop operation button
- J527 Steering column electronics control unit
- J623 Engine/motor control unit
- J764 Control unit for electronic steering column lock
- K259 Start/Stop operation warning lamp
- T16h 16-pin connector, black
- T16m 16-pin connector, black
- T18a 18-pin connector, colourless
- T94 94-pin connector, black

A201 Positive connection 6 (15a) in dash panel wiring harness

B729 Connection 1 (50), in main wiring harness

- * According to equipment
- *2 For models with cruise control system (CCS)
- *3 For models with entry and start authorisation
- *4 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
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 or = orange
 rs = pink

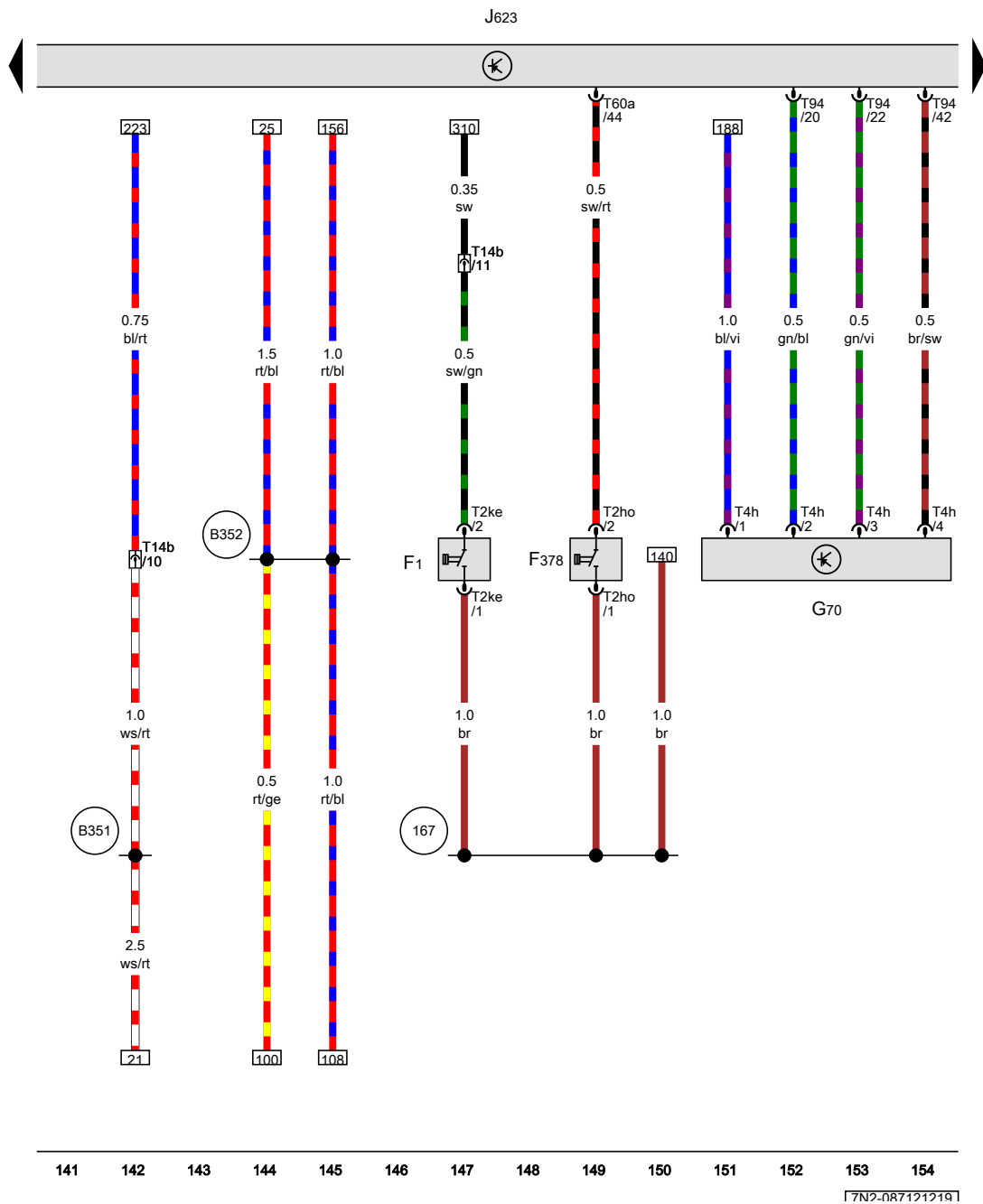


Brake light switch, Clutch position sender, ABS control unit, Engine/motor control unit, Mechatronic unit for dual clutch gearbox

- F Brake light switch
- G476 Clutch position sender
- J104 ABS control unit
- J623 Engine/motor control unit
- J743 Mechatronic unit for dual clutch gearbox
- T4k 4-pin connector, black
- T5c 5-pin connector, black
- T14b 14-pin connector, grey
- T20 20-pin connector, black
- T46a 46-pin connector, black
- T94 94-pin connector, black
- 12 Earth point, on left in engine compartment
- 374 Earth connection 9, in main wiring harness
- B355 Positive connection 6 (87a) in main wiring harness
- B633 Connection (brake pedal switch), in main wiring harness
- U3 Connection 1, in automatic gearbox wiring harness

- * For models with manual gearbox
- *2 For models with dual clutch gearbox

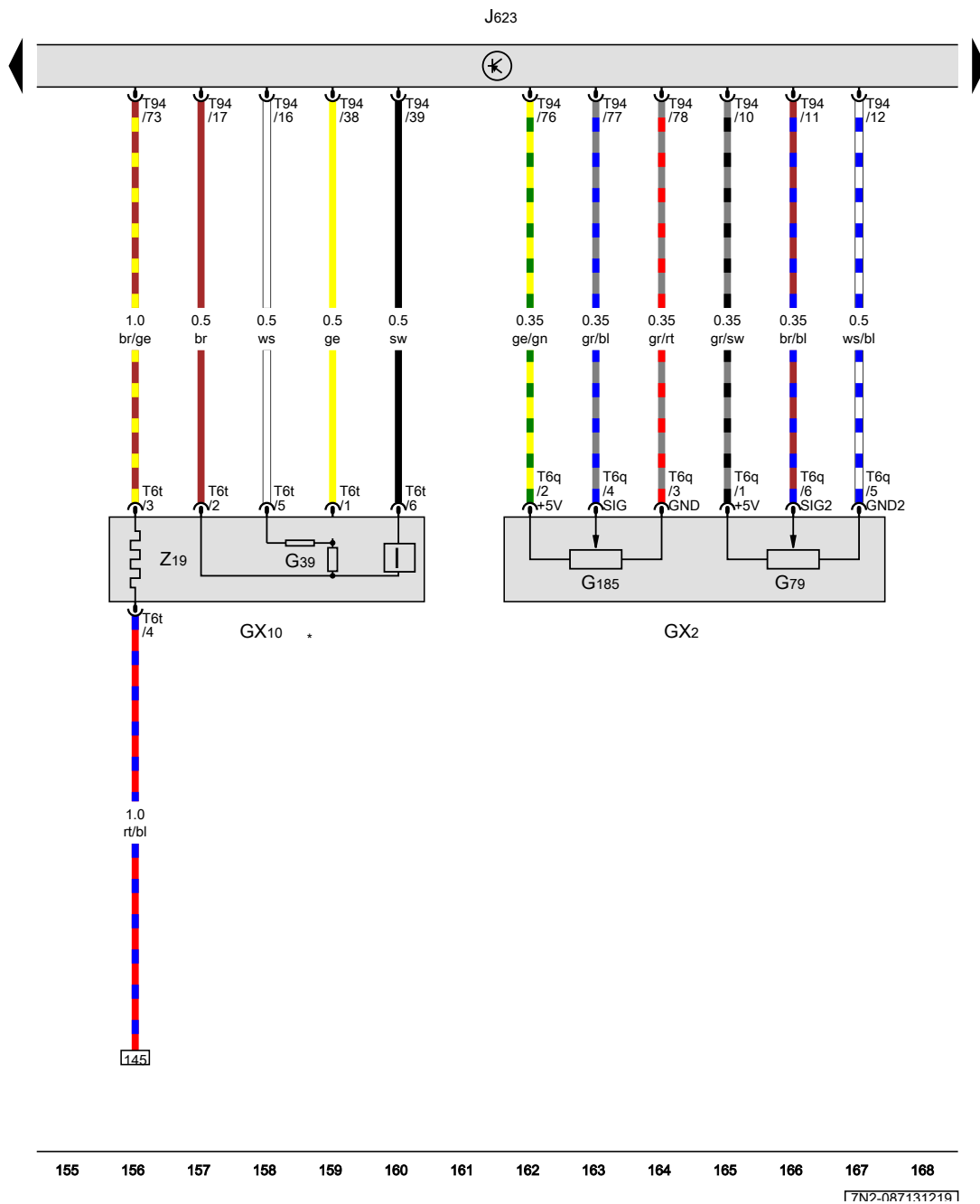
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Oil pressure switch, Oil pressure switch for reduced oil pressure, Air mass meter, Engine/motor control unit

- F1 Oil pressure switch
- F378 Oil pressure switch for reduced oil pressure
- G70 Air mass meter
- J623 Engine/motor control unit
- T2ho 2-pin connector, black
- T2ke 2-pin connector, black
- T4h 4-pin connector, black
- T14b 14-pin connector, grey
- T60a 60-pin connector, black
- T94 94-pin connector, black
- 167 Earth connection 4, in engine compartment wiring harness
- B351 Positive connection 2 (87a) in main wiring harness
- B352 Positive connection 3 (87a) in main wiring harness

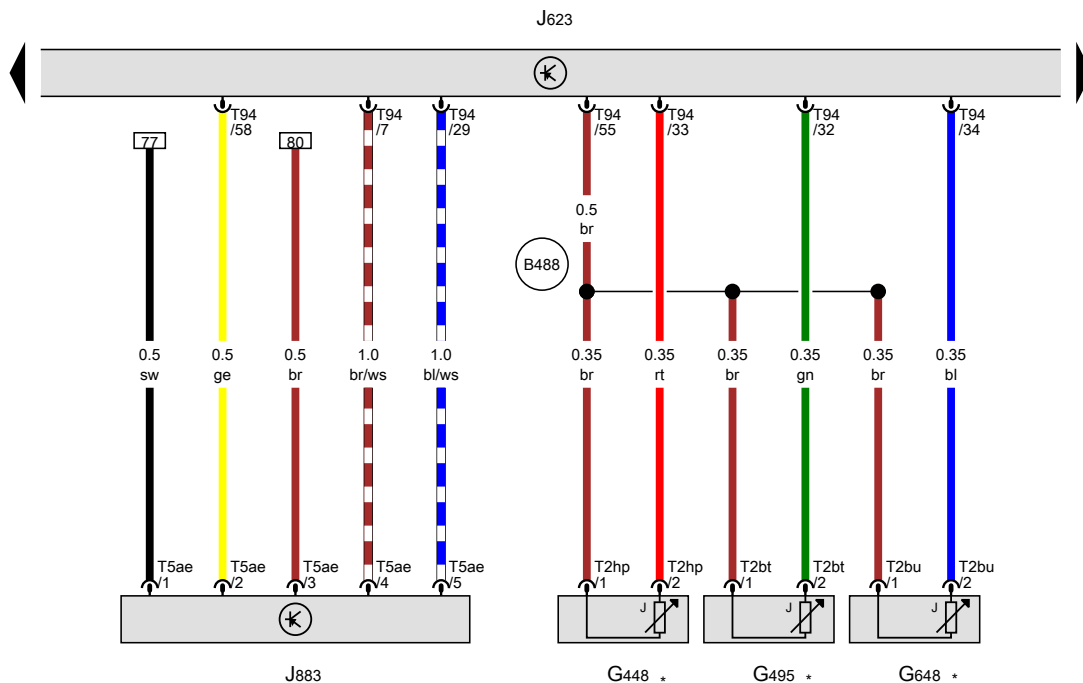
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Accelerator pedal module, Lambda probe 1 before catalytic converter, Accelerator position sender, Accelerator position sender 2, Engine/motor control unit

- | | |
|------|---|
| GX2 | Accelerator pedal module |
| GX10 | Lambda probe 1 before catalytic converter |
| G39 | Lambda probe |
| G79 | Accelerator position sender |
| G185 | Accelerator position sender 2 |
| J623 | Engine/motor control unit |
| T6q | 6-pin connector, black |
| T6t | 6-pin connector, black |
| T94 | 94-pin connector, black |
| Z19 | Lambda probe heater |
| * | Pre-wired component |

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



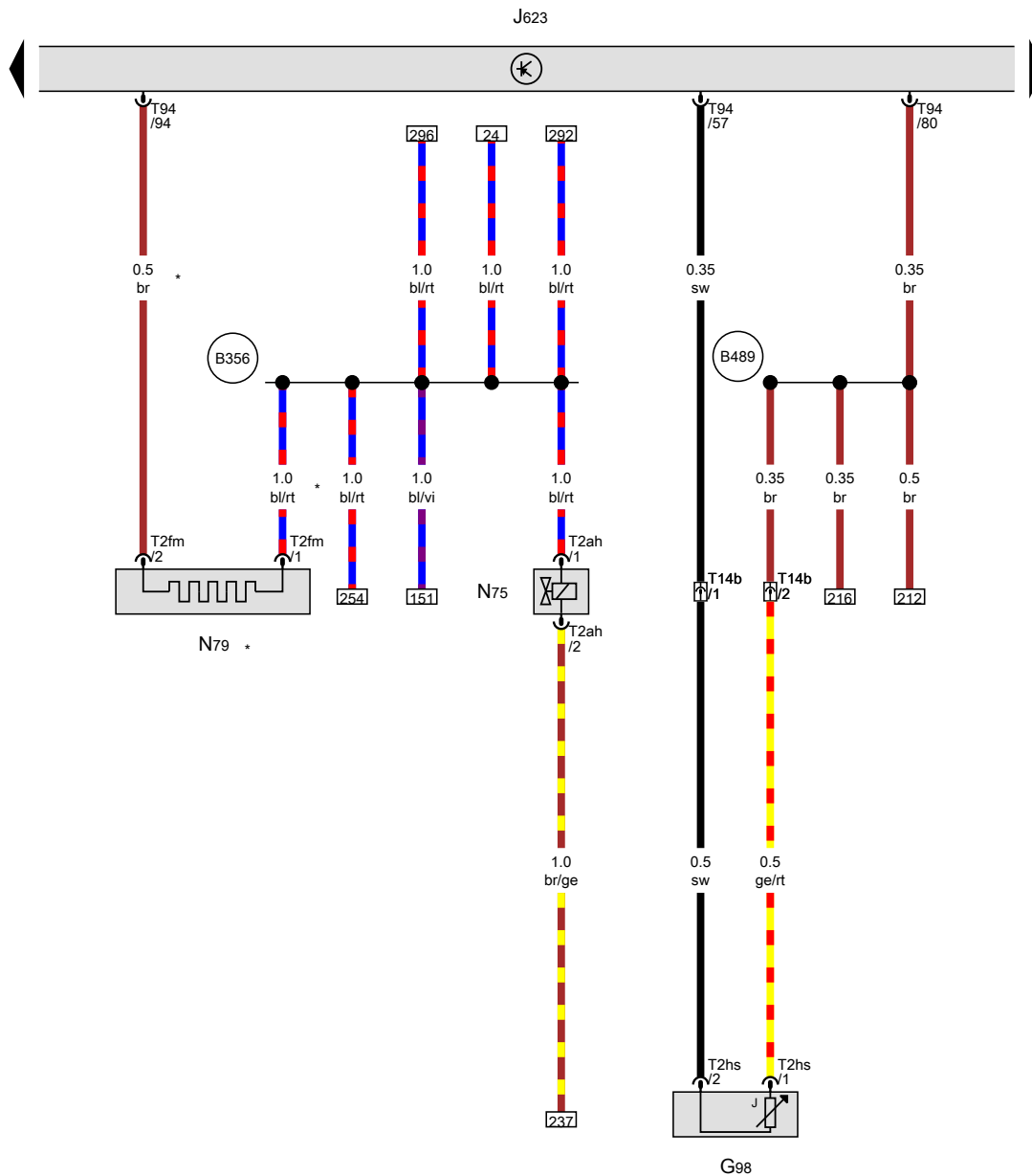
Exhaust gas temperature sender 2, Exhaust gas temperature sender 3, Exhaust gas temperature sender 4, Engine/motor control unit, Exhaust flap control unit

- G448 Exhaust gas temperature sender 2
- G495 Exhaust gas temperature sender 3
- G648 Exhaust gas temperature sender 4
- J623 Engine/motor control unit
- J883 Exhaust flap control unit
- T2bt 2-pin connector, black
- T2bu 2-pin connector, black
- T2hp 2-pin connector, black
- T5ae 5-pin connector, black
- T94 94-pin connector, black

B488 Connection 24, 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
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- rs = pink



17N2-087151219

Exhaust gas recirculation temperature sensor, Engine/
motor control unit, Charge pressure control solenoid valve,
Heater element for crankcase breather

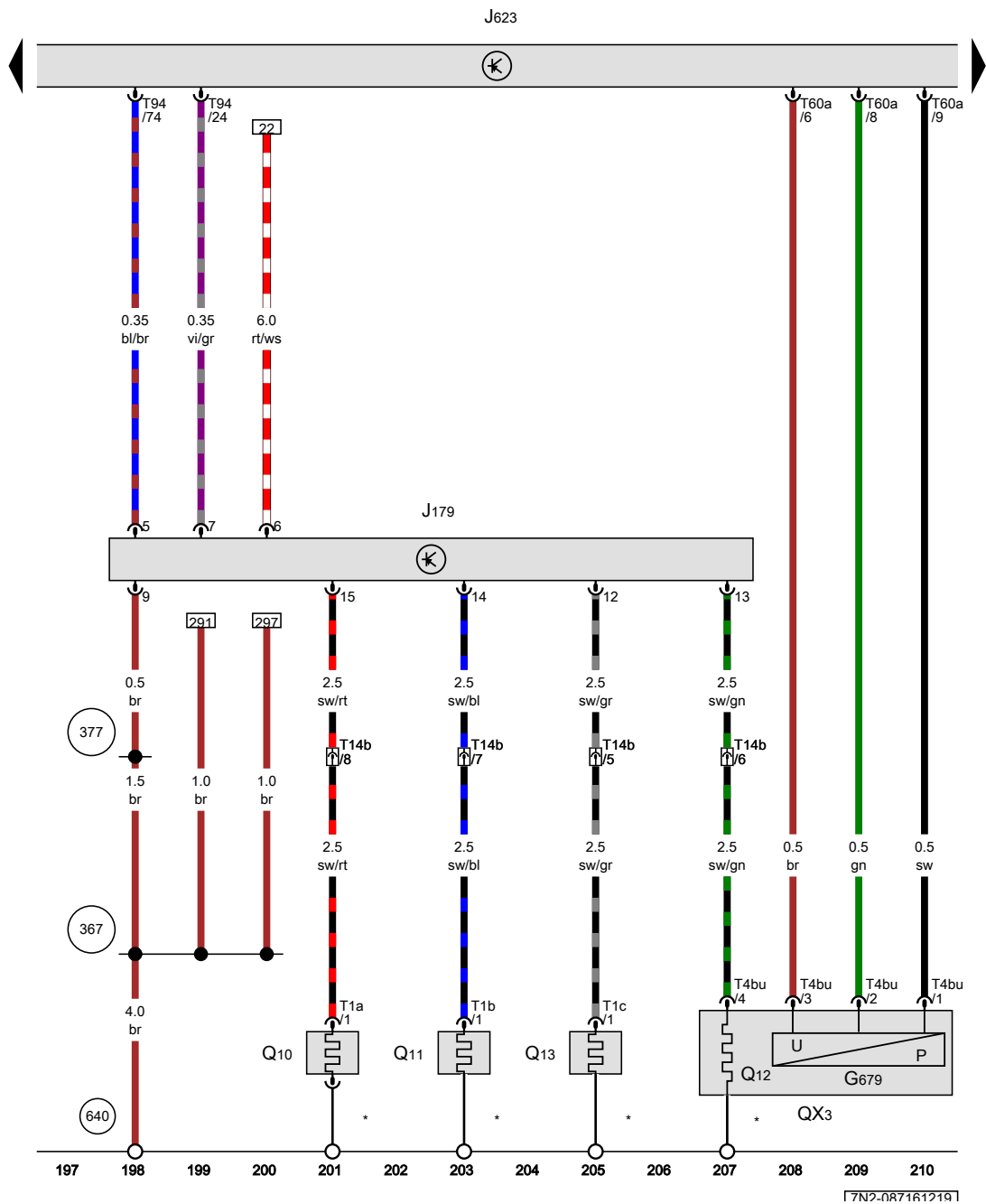
- G98 Exhaust gas recirculation temperature sensor
- J623 Engine/motor control unit
- N75 Charge pressure control solenoid valve
- N79 Heater element for crankcase breather
- T2ah 2-pin connector, black
- T2fm 2-pin connector, black
- T2hs 2-pin connector, black
- T14b 14-pin connector, grey
- T94 94-pin connector, black

B356 Positive connection 7 (87a) in main wiring harness

B489 Connection 25, in main wiring harness

* For models with crankcase breather heater element

- 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, Engine/motor control unit, Glow plug 3, Glow plug 1, Glow plug 2, Glow plug 4

- G679 Cylinder 3 combustion chamber pressure sender
- J179 Automatic glow period control unit
- J623 Engine/motor control unit
- QX3 Glow plug 3
- Q10 Glow plug 1
- Q11 Glow plug 2
- Q12 Glow plug 3
- Q13 Glow plug 4
- T1a 1-pin connector, black
- T1b 1-pin connector, black
- T1c 1-pin connector, black
- T4bu 4-pin connector, black
- T14b 14-pin connector, grey
- T60a 60-pin connector, black
- T94 94-pin connector, black

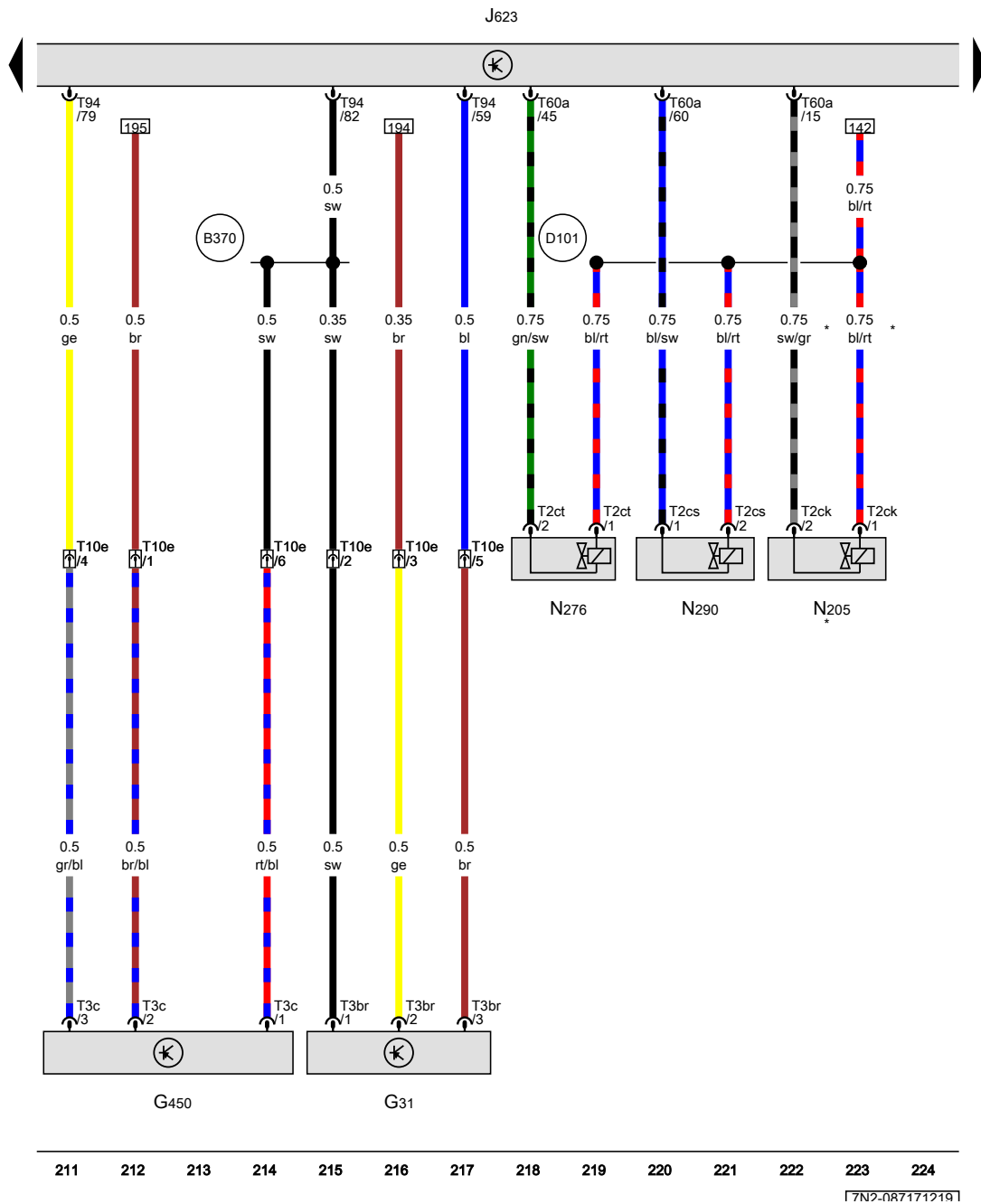
367 Earth connection 2, in main wiring harness

377 Earth connection 12, in main wiring harness

640 Earth point 2, left in engine compartment

* Earth supply via housing

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
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Charge pressure sender, Exhaust gas pressure sensor 1, Engine/motor control unit, Camshaft control valve 1, Fuel pressure regulating valve, Fuel metering valve

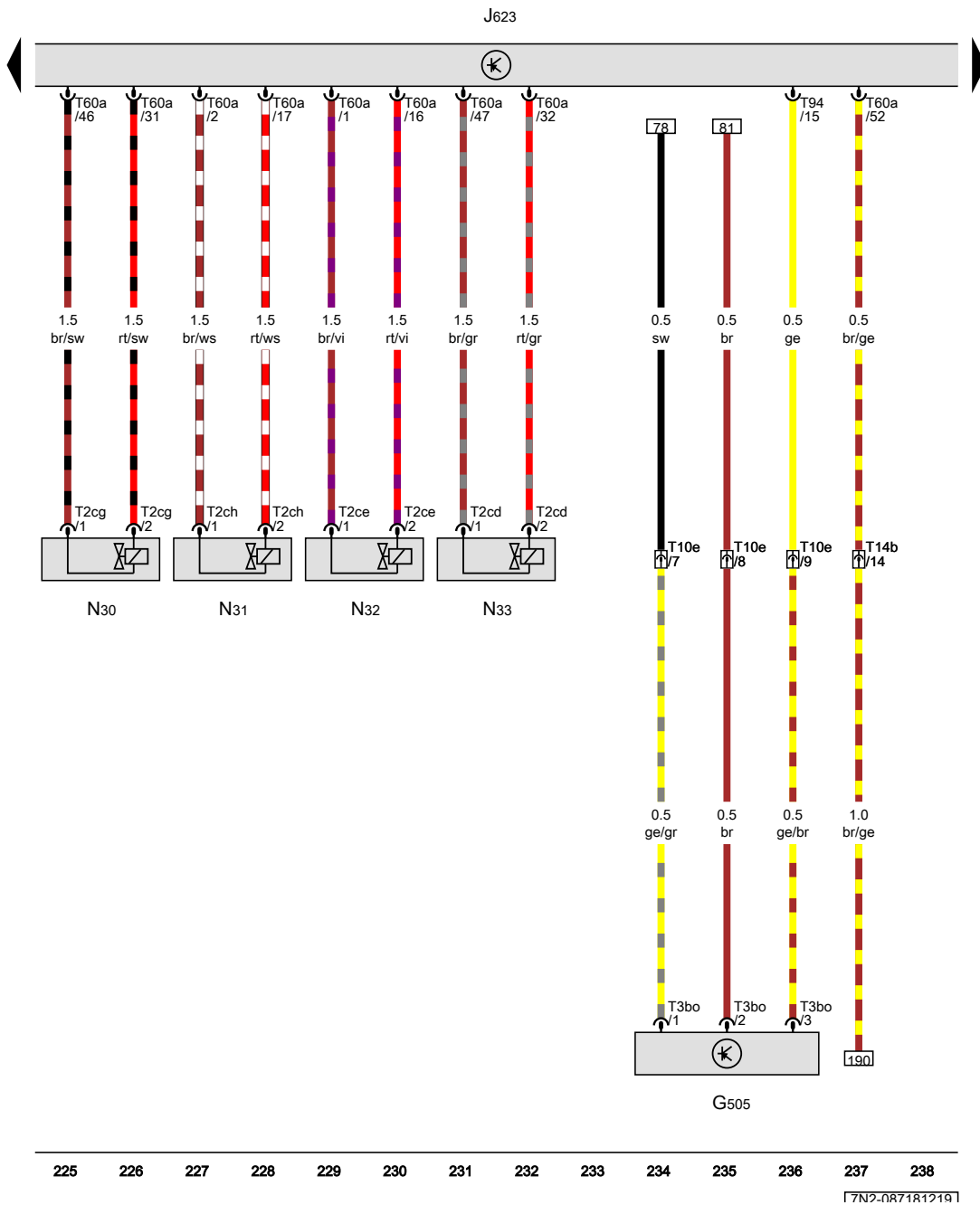
- G31 Charge pressure sender
- G450 Exhaust gas pressure sensor 1
- J623 Engine/motor control unit
- N205 Camshaft control valve 1
- N276 Fuel pressure regulating valve
- N290 Fuel metering valve
- T2ck 2-pin connector, black
- T2cs 2-pin connector, black
- T2ct 2-pin connector, black
- T3br 3-pin connector, black
- T3c 3-pin connector, black
- T10e 10-pin connector, black
- T60a 60-pin connector, black
- T94 94-pin connector, black

B370 Connection 2 (5V), in main wiring harness

D101 Connection 1 in engine compartment wiring harness

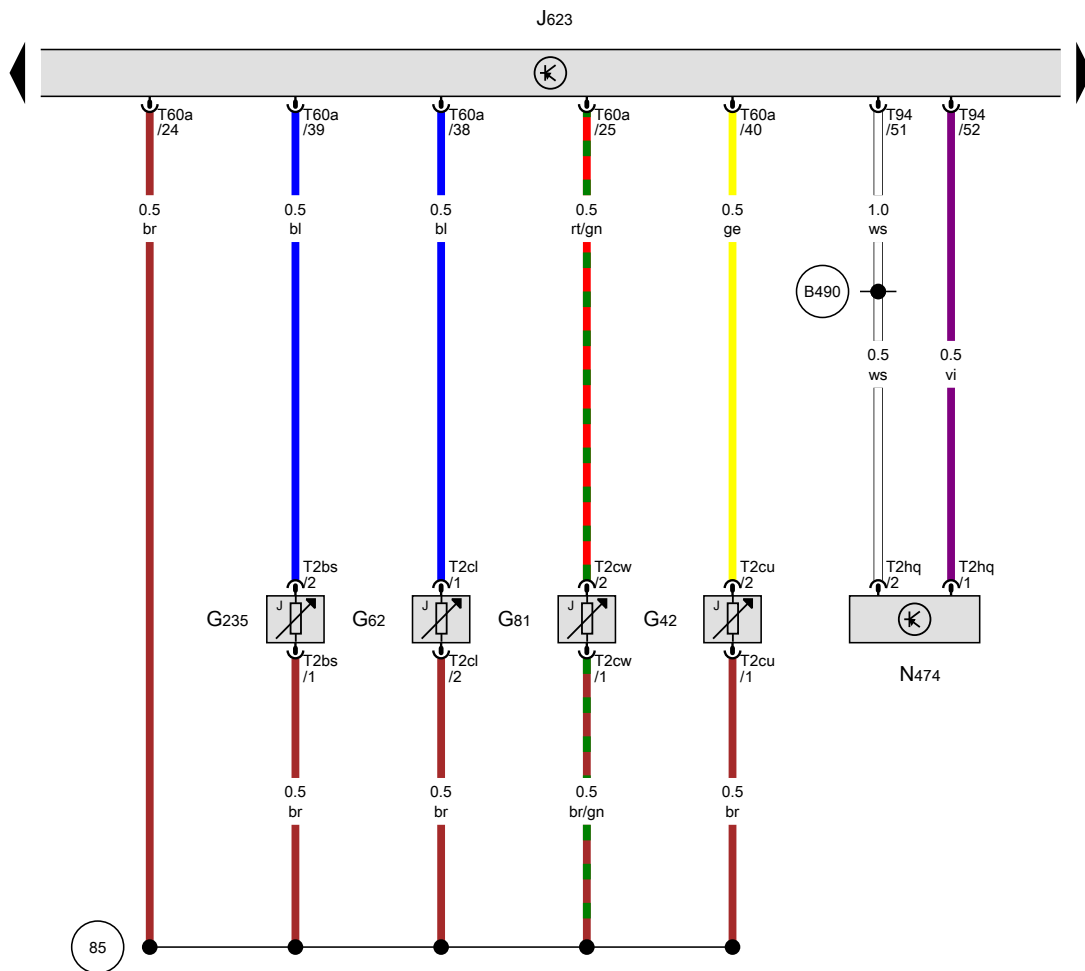
* According to equipment

- 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



Pressure differential sender, Engine/motor control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

- G505 Pressure differential sender
- J623 Engine/motor control unit
- N30 Injector, cylinder 1
- N31 Injector, cylinder 2
- N32 Injector, cylinder 3
- N33 Injector, cylinder 4
- T2cd 2-pin connector, black
- T2ce 2-pin connector, black
- T2cg 2-pin connector, black
- T2ch 2-pin connector, black
- T3bo 3-pin connector, black
- T10e 10-pin connector, black
- T14b 14-pin connector, grey
- T60a 60-pin connector, black
- T94 94-pin connector, black



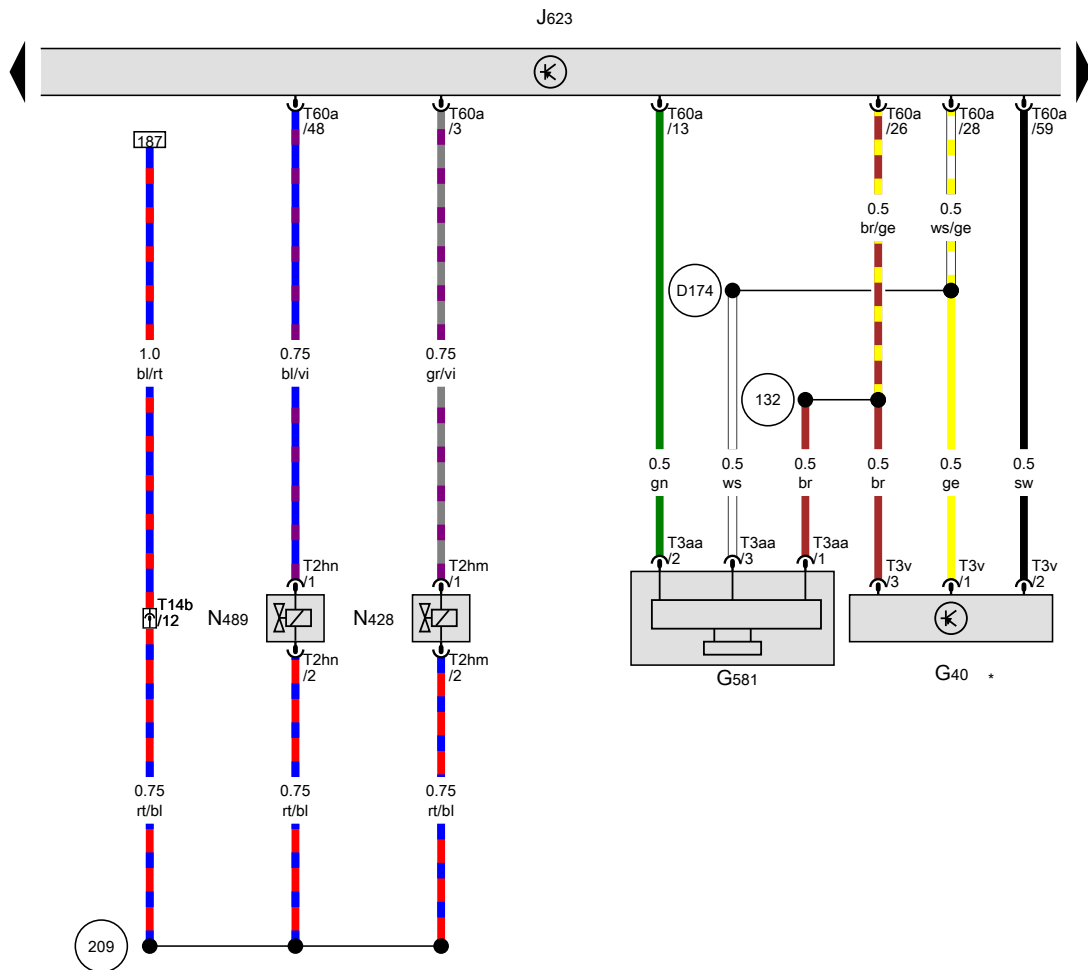
Intake air temperature sender, Coolant temperature sender, Fuel temperature sender, Exhaust gas temperature sender 1, Engine/motor control unit, Injector for reducing agent

- G42 Intake air temperature sender
- G62 Coolant temperature sender
- G81 Fuel temperature sender
- G235 Exhaust gas temperature sender 1
- J623 Engine/motor control unit
- N474 Injector for reducing agent
- T2bs 2-pin connector, brown
- T2cl 2-pin connector, black
- T2cu 2-pin connector, black
- T2cw 2-pin connector, black
- T2hq 2-pin connector, black
- T60a 60-pin connector, black
- T94 94-pin connector, black

85 Earth connection 1, in engine compartment wiring harness

B490 Connection 26, 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



Hall sender, Position sender for charge pressure positioner, Engine/motor control unit, Valve for oil pressure control, Coolant valve for cylinder head

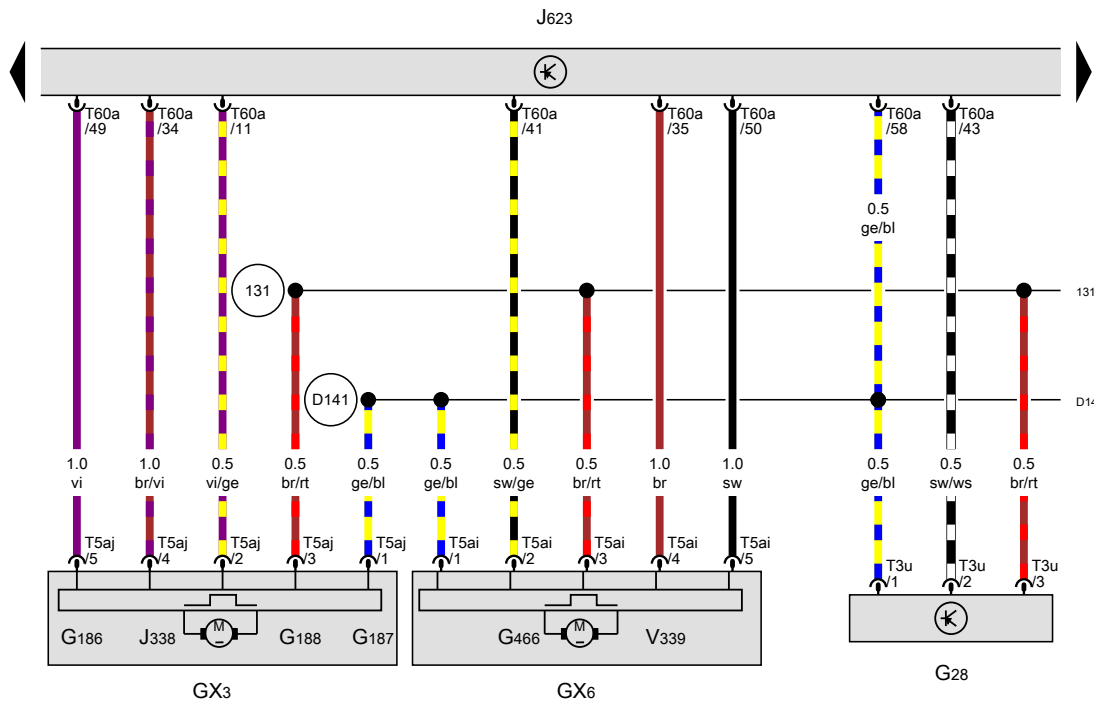
- G40 Hall sender
- G581 Position sender for charge pressure positioner
- J623 Engine/motor control unit
- N428 Valve for oil pressure control
- N489 Coolant valve for cylinder head
- T2hm 2-pin connector, brown
- T2hn 2-pin connector, blue
- T3aa 3-pin connector, black
- T3v 3-pin connector, black
- T14b 14-pin connector, grey
- T60a 60-pin connector, black

- 132 Earth connection 3, in engine compartment wiring harness
- 209 Earth connection 6, in engine compartment wiring harness
- D174 Connection 2 (5V) in engine prewiring 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

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

17N2-0872012191



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

- GX3 Throttle valve module
- GX6 Exhaust gas recirculation valve 2
- G28 Engine speed 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
- G466 Exhaust gas recirculation potentiometer 2
- J338 Throttle valve module
- J623 Engine/motor control unit
- T3u 3-pin connector, black
- T5ai 5-pin connector, black
- T5aj 5-pin connector, black
- T60a 60-pin connector, black
- V339 Exhaust gas recirculation control motor 2

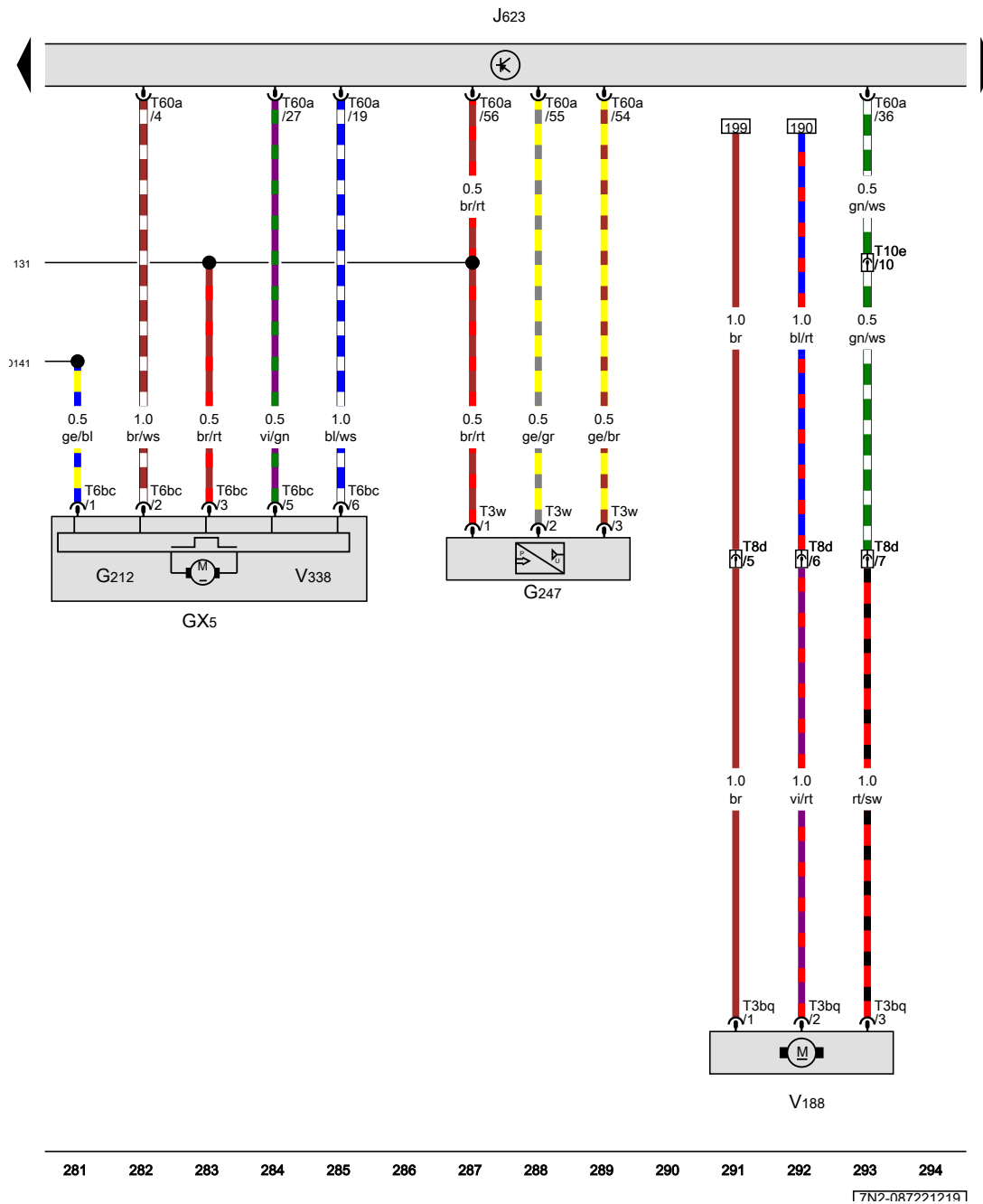
131 Earth connection 2, in engine compartment wiring harness

D141 Connection (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

267 268 269 270 271 272 273 274 275 276 277 278 279 280

17N2-0872112191

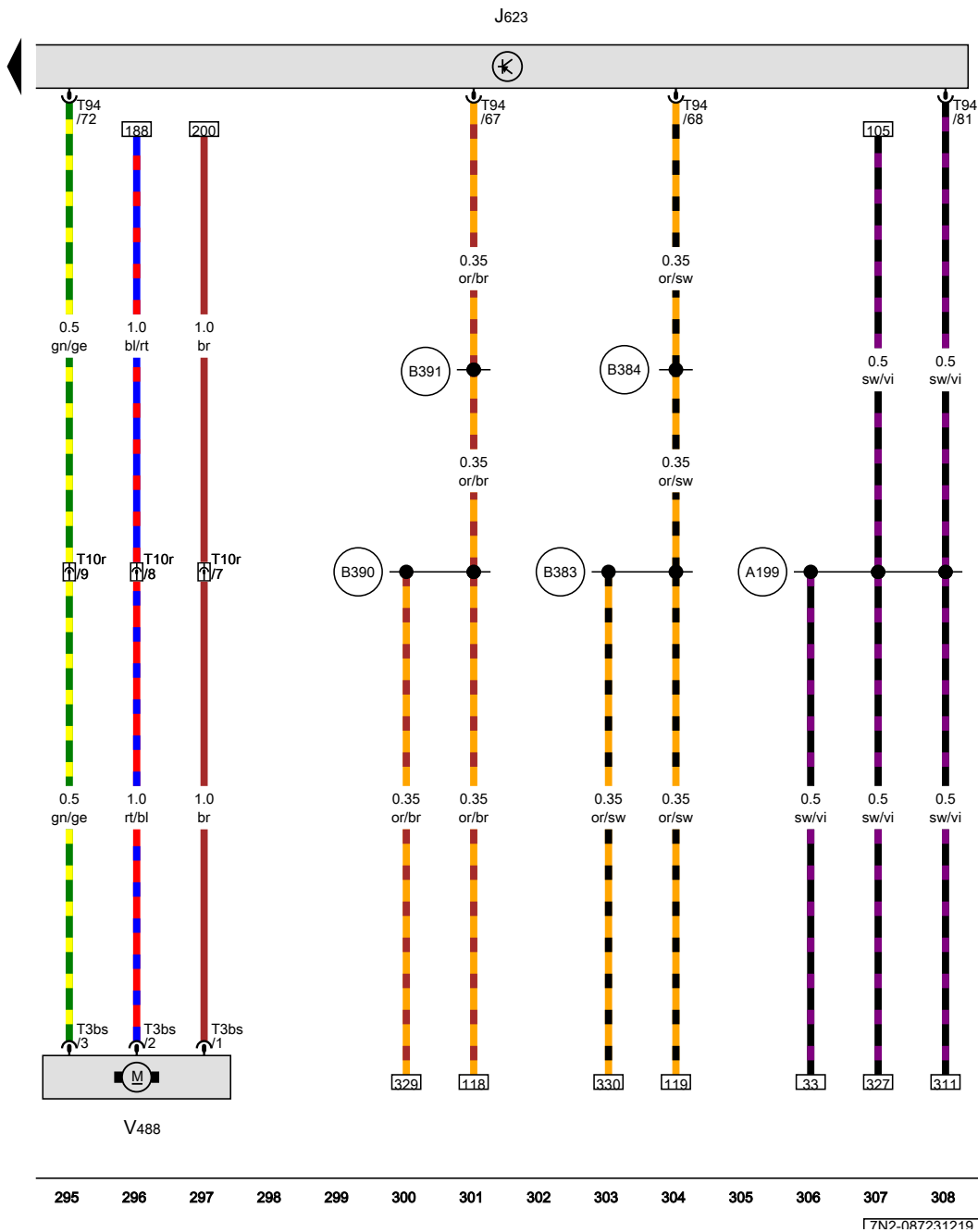


Exhaust gas recirculation valve 1, Fuel pressure sender, Engine/motor control unit, Charge air cooling pump

- GX5 Exhaust gas recirculation valve 1
- G212 Exhaust gas recirculation potentiometer
- G247 Fuel pressure sender
- J623 Engine/motor control unit
- T3bq 3-pin connector, black
- T3w 3-pin connector, black
- T6bc 6-pin connector, black
- T8d 8-pin connector, black
- T10e 10-pin connector, black
- T60a 60-pin connector, black
- V188 Charge air cooling pump
- V338 Exhaust gas recirculation control motor

131 Earth connection 2, in engine compartment wiring harness

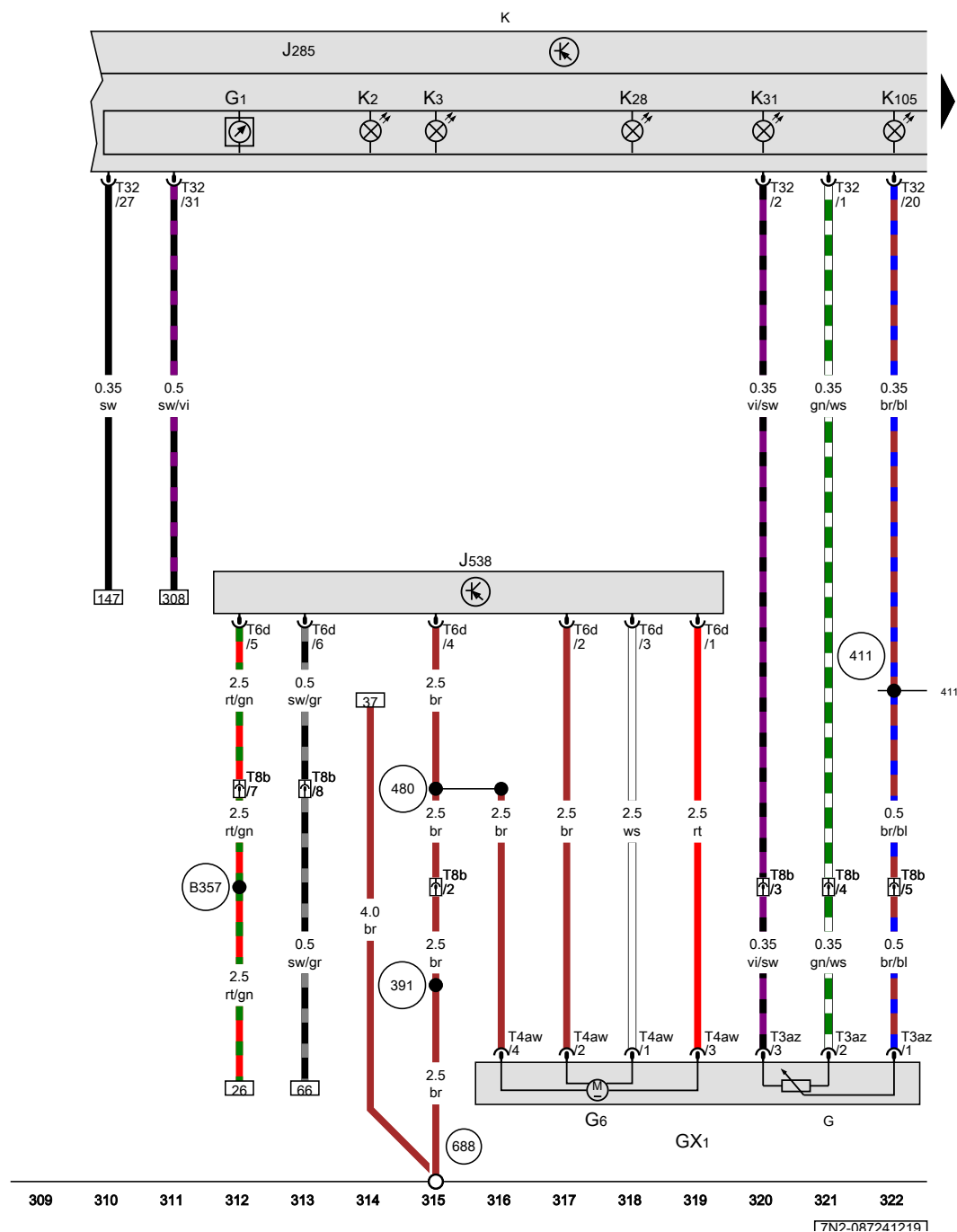
D141 Connection (5V) in engine prewiring harness



Engine/motor control unit, Auxiliary pump for heating

J623 Engine/motor control unit
T3bs 3-pin connector, black
T10r 10-pin connector, black
T94 94-pin connector, black
V488 Auxiliary pump for heating

- A199 Positive connection 4 (15a) in dash panel wiring harness
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B384 Connection 2 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- B391 Connection 2 (powertrain CAN bus, low), in main wiring harness

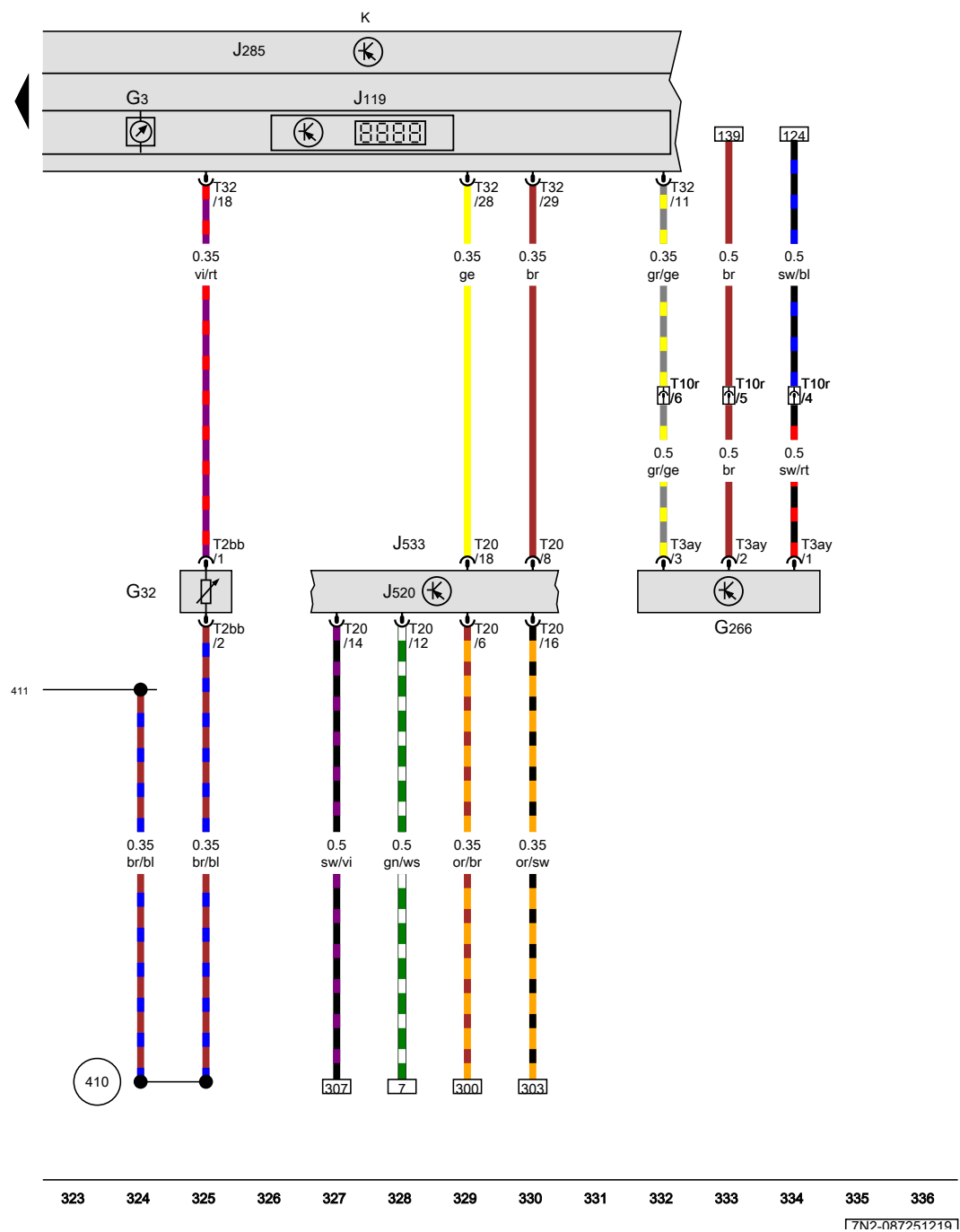


Fuel delivery unit, Control unit in dash panel insert, Fuel pump control unit

- G Fuel gauge sender
- GX1 Fuel delivery unit
- G1 Fuel gauge
- G6 Fuel system pressurisation pump
- J285 Control unit in dash panel insert
- J538 Fuel pump control unit
- K Dash panel insert
- K2 Alternator warning lamp
- K3 Oil pressure warning lamp
- K28 Coolant temperature and coolant shortage warning lamp
- K31 Cruise control system warning lamp
- K105 Reserve fuel warning lamp
- T3az 3-pin connector, black
- T4aw 4-pin connector, black
- T6d 6-pin connector, black
- T8b 8-pin connector, black
- T32 32-pin connector, blue

- 391 Earth connection 26, in main wiring harness
- 411 Earth connection 2 (sender earth) in main wiring harness
- 480 Earth connection, in fuel tank wiring harness
- 688 Earth point 2, on centre tunnel
- B357 Positive connection 8 (87a) in main wiring harness

- ws = white
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- bl = blue
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- vi = purple
- ge = yellow
- or = orange
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Coolant shortage indicator sender, Oil level and oil temperature sender, Control unit in dash panel insert, Onboard supply control unit 2, Data bus diagnostic interface

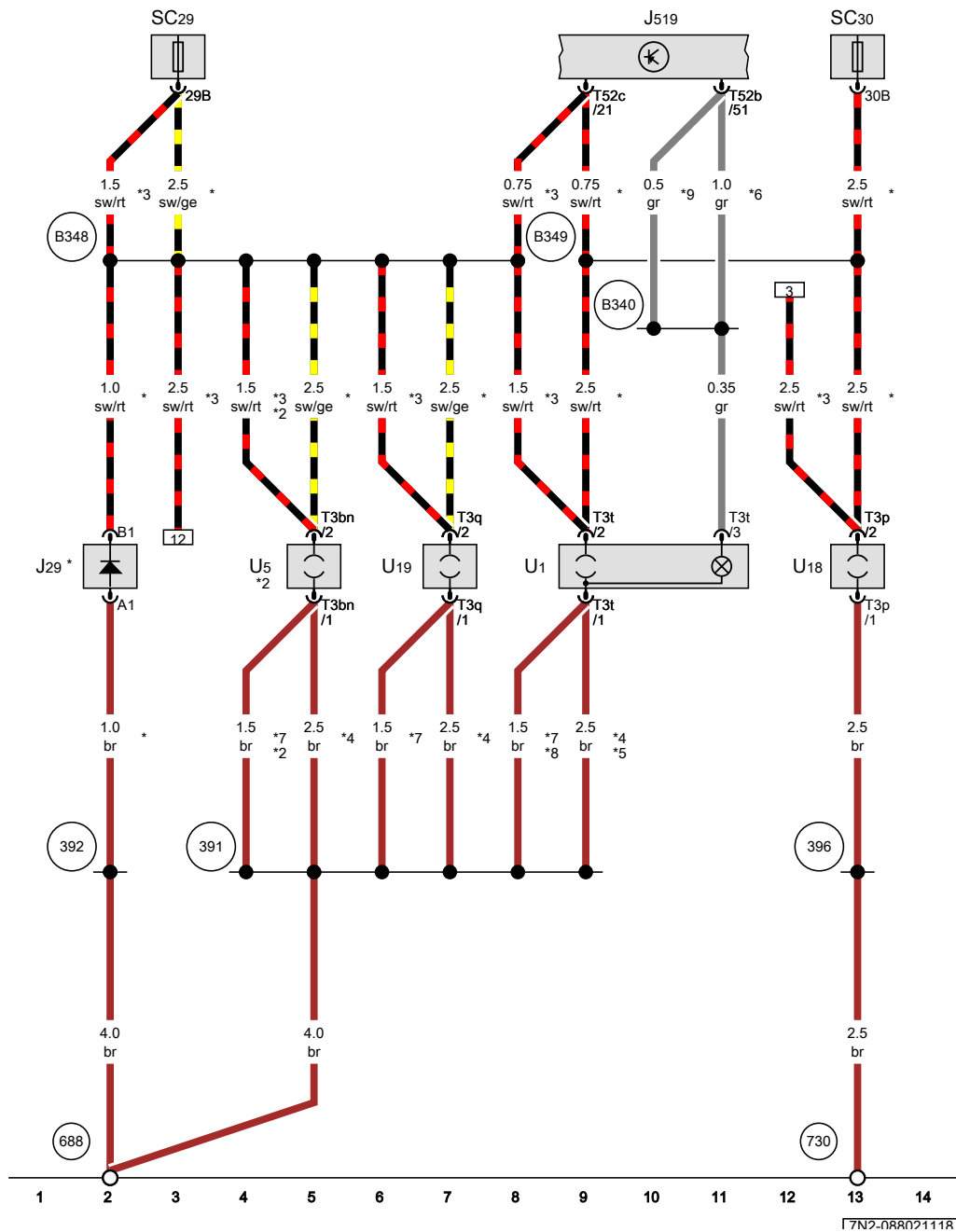
- G3 Coolant temperature gauge
- G32 Coolant shortage indicator sender
- G266 Oil level and oil temperature sender
- J119 Multifunction indicator
- J285 Control unit in dash panel insert
- J520 Onboard supply control unit 2
- J533 Data bus diagnostic interface
- K Dash panel insert
- T2bb 2-pin connector, black
- T3ay 3-pin connector, black
- T10r 10-pin connector, black
- T20 20-pin connector, red
- T32 32-pin connector, blue
- 410 Earth connection 1 (sender earth) in main wiring harness
- 411 Earth connection 2 (sender earth) in main wiring harness

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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

12 V sockets

From May 2015

Cigarette lighter, 12 V socket, 12 V socket 2, 12 V socket 3



ws = white
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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

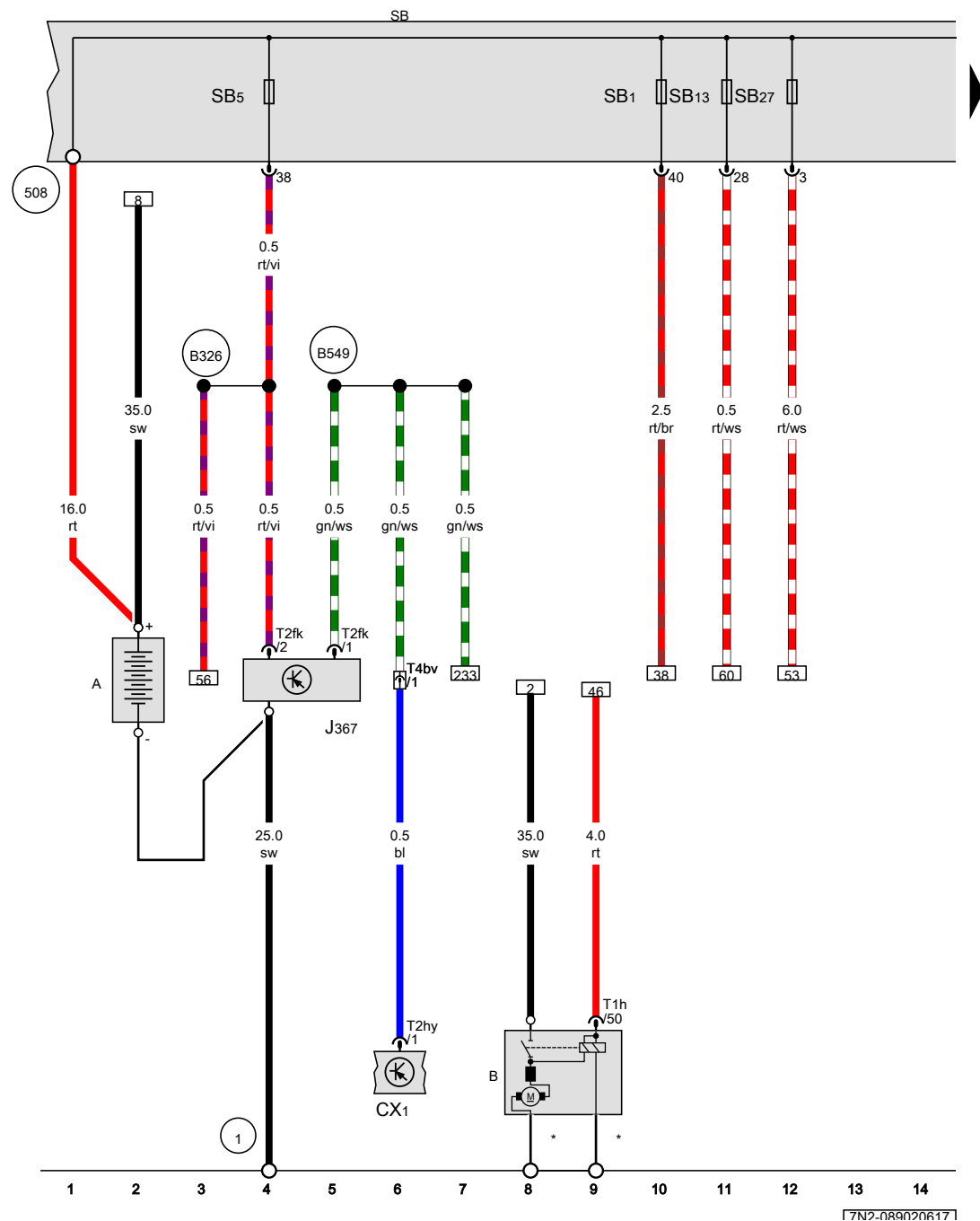
J29 Blocking diode
 J519 Onboard supply control unit
 SC29 Fuse 29 on fuse holder C
 SC30 Fuse 30 on fuse holder C
 T3bn 3-pin connector, black
 T3p 3-pin connector, black
 T3q 3-pin connector, black
 T3t 3-pin connector, black
 T52b 52-pin connector, black
 T52c 52-pin connector, black
 U1 Cigarette lighter
 U5 12 V socket
 U18 12 V socket 2
 U19 12 V socket 3

391 Earth connection 26, in main wiring harness
 392 Earth connection 27, in main wiring harness
 396 Earth connection 31, in main wiring harness
 688 Earth point 2, on centre tunnel
 730 Earth point 1, on right rear wheel housing
 B340 Connection 1 (58d), in main wiring harness
 B348 Connection 1 (75a), in main wiring harness
 B349 Connection 2 (75a), in main wiring harness

* Up to November 2015
 *2 Up to July 2018
 *3 From November 2015
 *4 Up to November 2016
 *5 From November 2018
 *6 Up to May 2017
 *7 From November 2016
 *8 Up to November 2018
 *9 From May 2017

1.4l petrol engine , CZDA

From November 2015

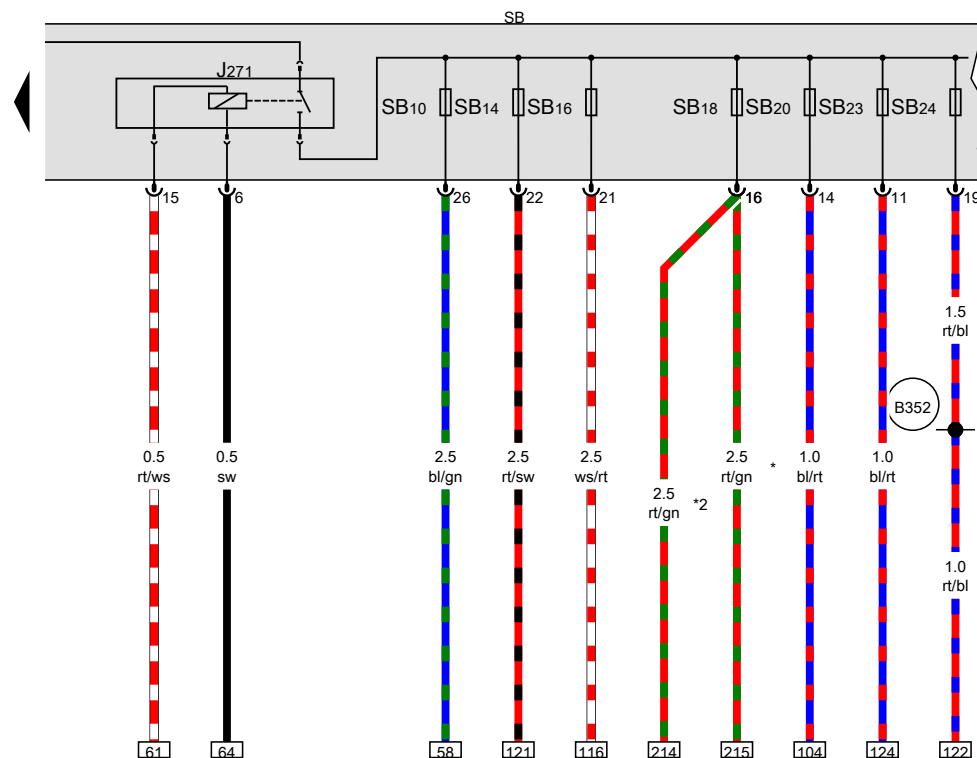


Battery, Starter, Alternator with voltage regulator, Battery monitor control unit, Fuse holder B

- A Battery
- B Starter
- CX1 Alternator with voltage regulator
- J367 Battery monitor control unit, on earth cable battery clamp
- SB Fuse holder B
- SB1 Fuse 1 on fuse holder B
- SB5 Fuse 5 on fuse holder B
- SB13 Fuse 13 on fuse holder B
- SB27 Fuse 27 on fuse holder B
- T1h 1-pin connector, black
- T2fk 2-pin connector, yellow
- T2hy 2-pin connector, black
- T4bv 4-pin connector, black

- 1 Earth strap, battery - body
- 508 Threaded connection (30) on E-box
- B326 Positive connection 12 (30a) in main wiring harness
- B549 Connection 2 (LIN bus) in main wiring harness
- * Earth supply via housing

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- bl = blue
- gr = grey
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- vi = purple
- ge = yellow
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Main relay, Fuse holder B

- J271 Main relay
- SB Fuse holder B
- SB10 Fuse 10 on fuse holder B
- SB14 Fuse 14 on fuse holder B
- SB16 Fuse 16 on fuse holder B
- SB18 Fuse 18 on fuse holder B
- SB20 Fuse 20 on fuse holder B
- SB23 Fuse 23 on fuse holder B
- SB24 Fuse 24 on fuse holder B

B352 Positive connection 3 (87a) in main wiring harness

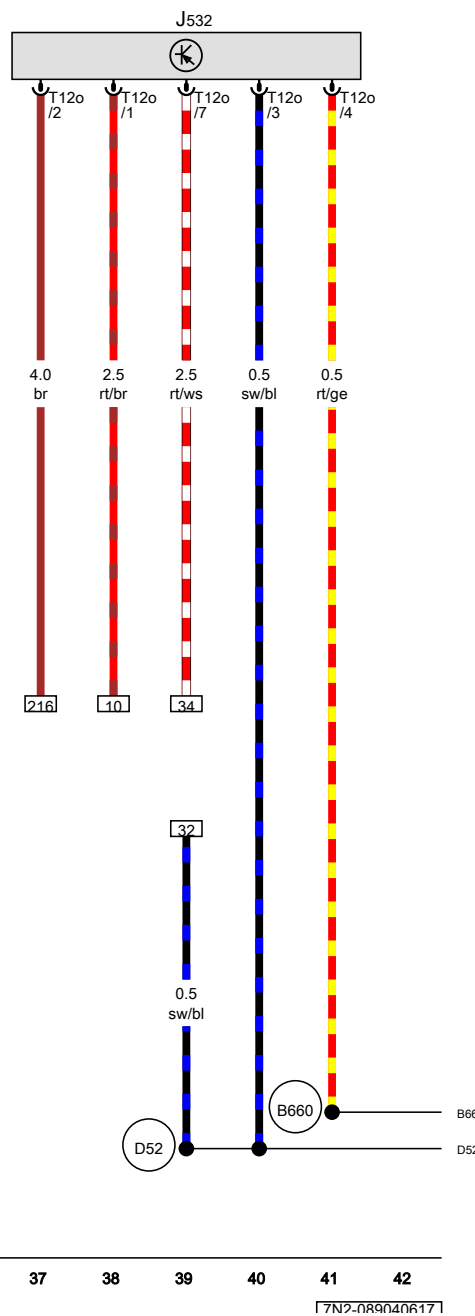
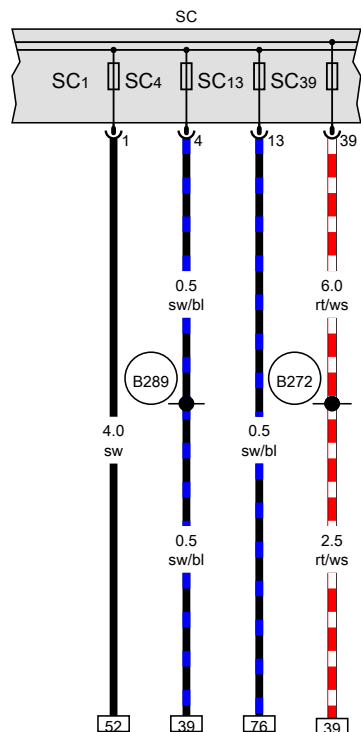
* Up to April 2016

*2 From April 2016

Voltage stabiliser, Fuse holder C

J532 Voltage stabiliser
 SC Fuse holder C
 SC1 Fuse 1 on fuse holder C
 SC4 Fuse 4 on fuse holder C
 SC13 Fuse 13 on fuse holder C
 SC39 Fuse 39 on fuse holder C
 T12o 12-pin connector, black

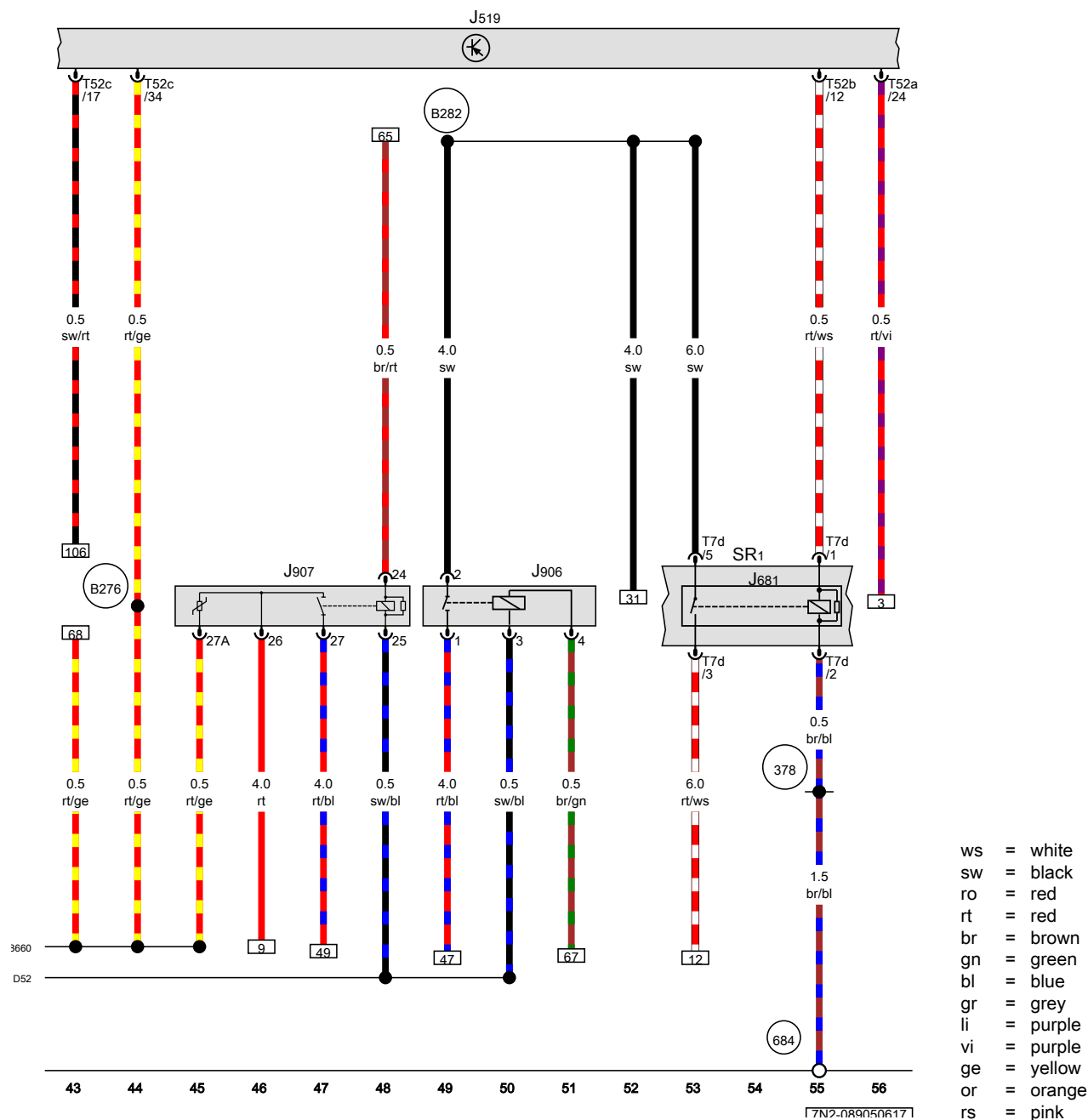
- (B272) Positive connection (30), in main wiring harness
- (B289) Positive connection 13 (15a) in main wiring harness
- (B660) Connection (diagnosis terminal 50), in main wiring harness
- (D52) Positive connection (15a), in engine compartment wiring harness



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 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

[7N2-089040R17]



Onboard supply control unit, Terminal 15 voltage supply relay 2, Starter relay 1, Starter relay 2, Relay and fuse carrier 1

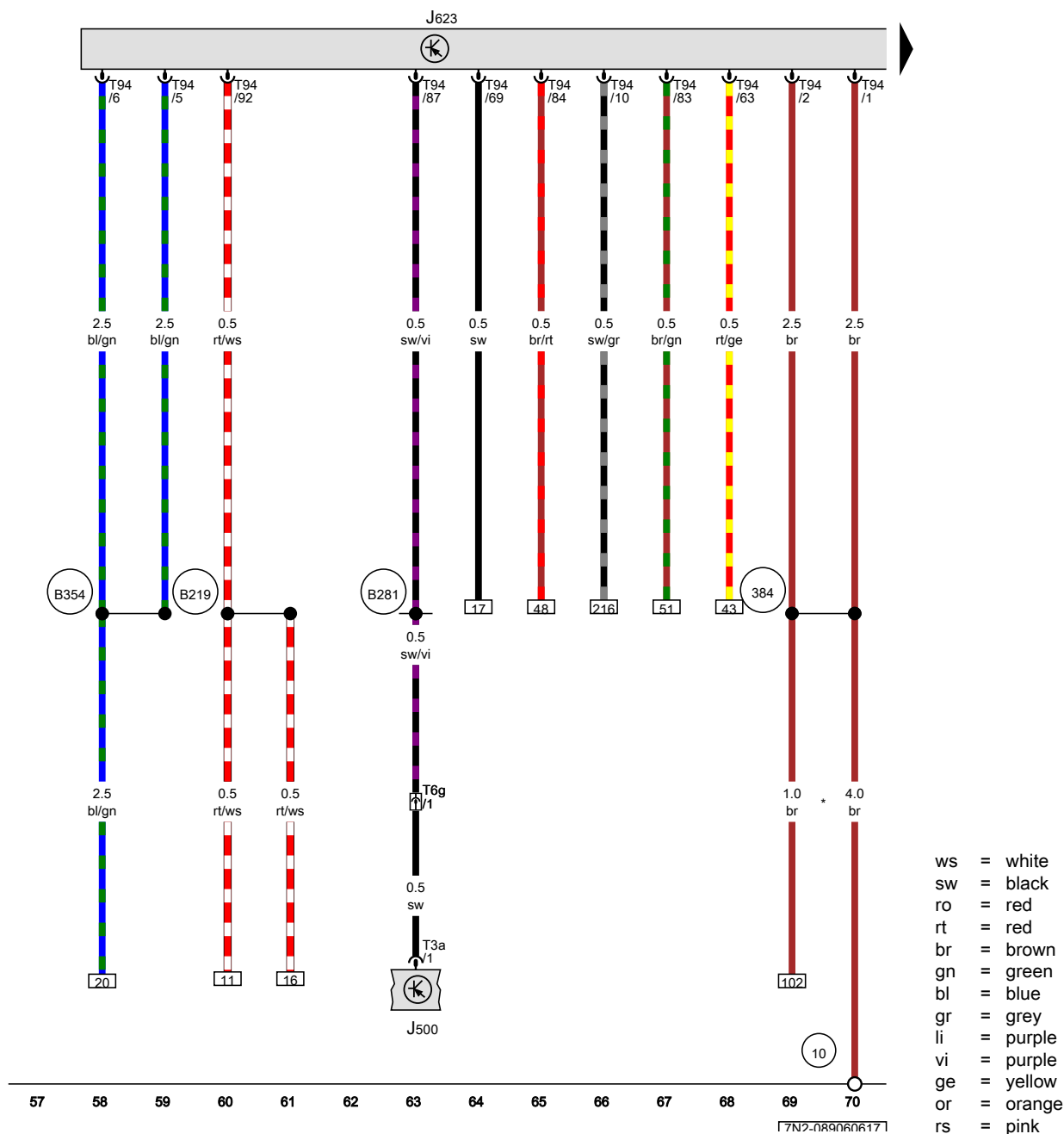
- J519 Onboard supply control unit
- J681 Terminal 15 voltage supply relay 2
- J906 Starter relay 1, on left in engine compartment, under E-box Low
- J907 Starter relay 2, on left in engine compartment, under E-box Low
- SR1 Relay and fuse carrier 1
- T7d 7-pin connector, black
- T52a 52-pin connector, black
- T52b 52-pin connector, colourless
- T52c 52-pin connector, brown

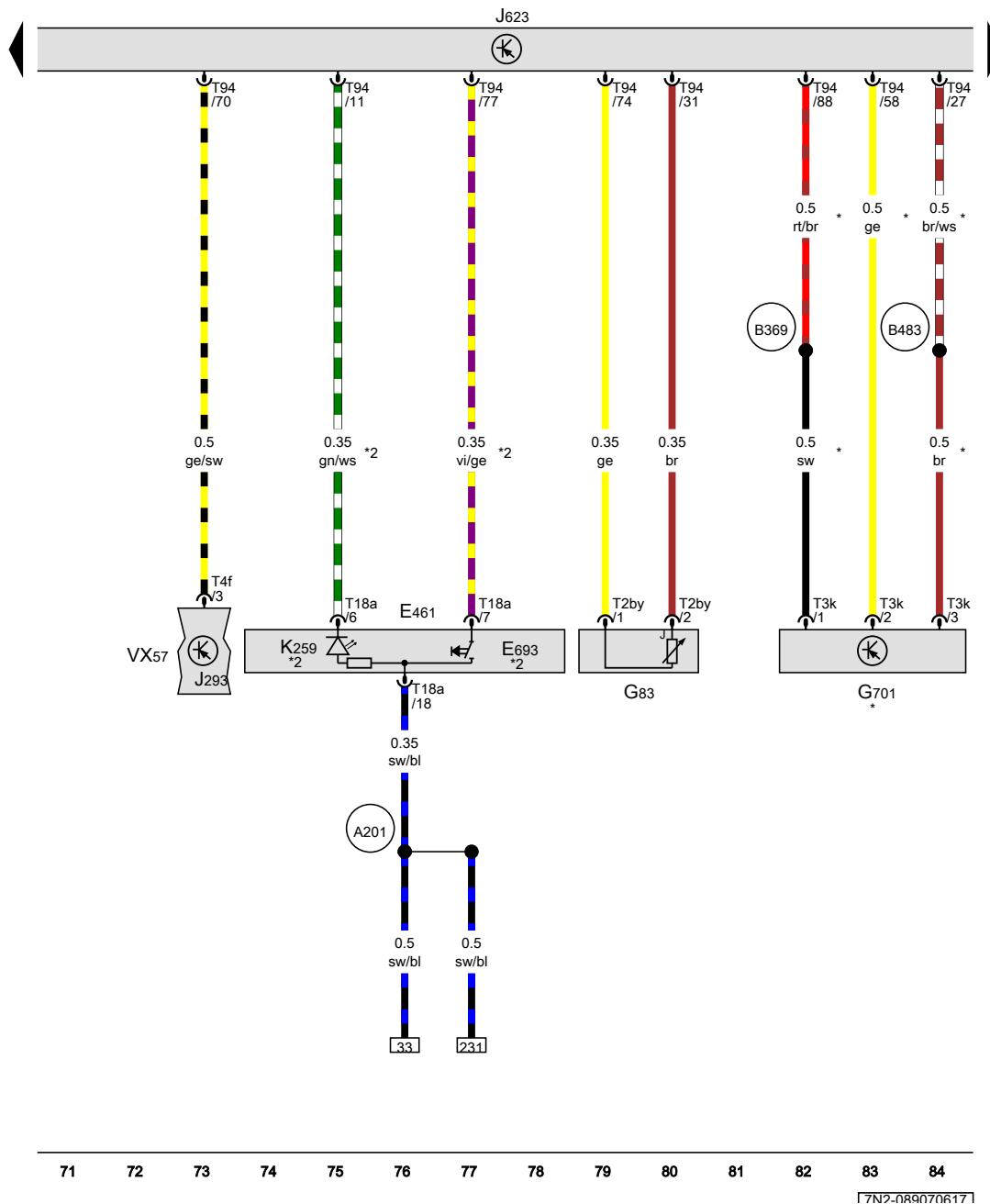
- 378 Earth connection 13, in main wiring harness
- 684 Earth point on front of left side member
- B276 Positive connection (50), in main wiring harness
- B282 Positive connection 6 (15a) in main wiring harness
- B660 Connection (diagnosis terminal 50), in main wiring harness
- D52 Positive connection (15a), in engine compartment wiring harness

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

Power steering control unit, Engine/motor control unit

- J500 Power steering control unit
- J623 Engine/motor control unit
- T3a 3-pin connector, black
- T6g 6-pin connector, black
- T94 94-pin connector, black
- 10 Earth point, in plenum chamber
- 384 Earth connection 19, in main wiring harness
- B219 Positive connection 4 (30a), in interior wiring harness
- B281 Positive connection 5 (15a) in main wiring harness
- B354 Positive connection 5 (87a) in main wiring harness
- * For models with manual gearbox





Operating unit in front of centre console, Start/Stop operation button, Radiator outlet coolant temperature sender, Gearbox neutral position sender, Engine/motor control unit, Radiator fan

- E461 Operating unit in front of centre console, in centre console
- E693 Start/Stop operation button
- G83 Radiator outlet coolant temperature sender
- G701 Gearbox neutral position sender
- J293 Radiator fan control unit
- J623 Engine/motor control unit
- K259 Start/Stop operation warning lamp
- T2by 2-pin connector, black
- T3k 3-pin connector, black
- T4f 4-pin connector, black
- T18a 18-pin connector, colourless
- T94 94-pin connector, black
- VX57 Radiator fan

A201 Positive connection 6 (15a) in dash panel wiring harness

B369 Connection 1 (5V), in main wiring harness

B483 Connection 19, in main wiring harness

- * For models with manual gearbox
- *2 According to equipment

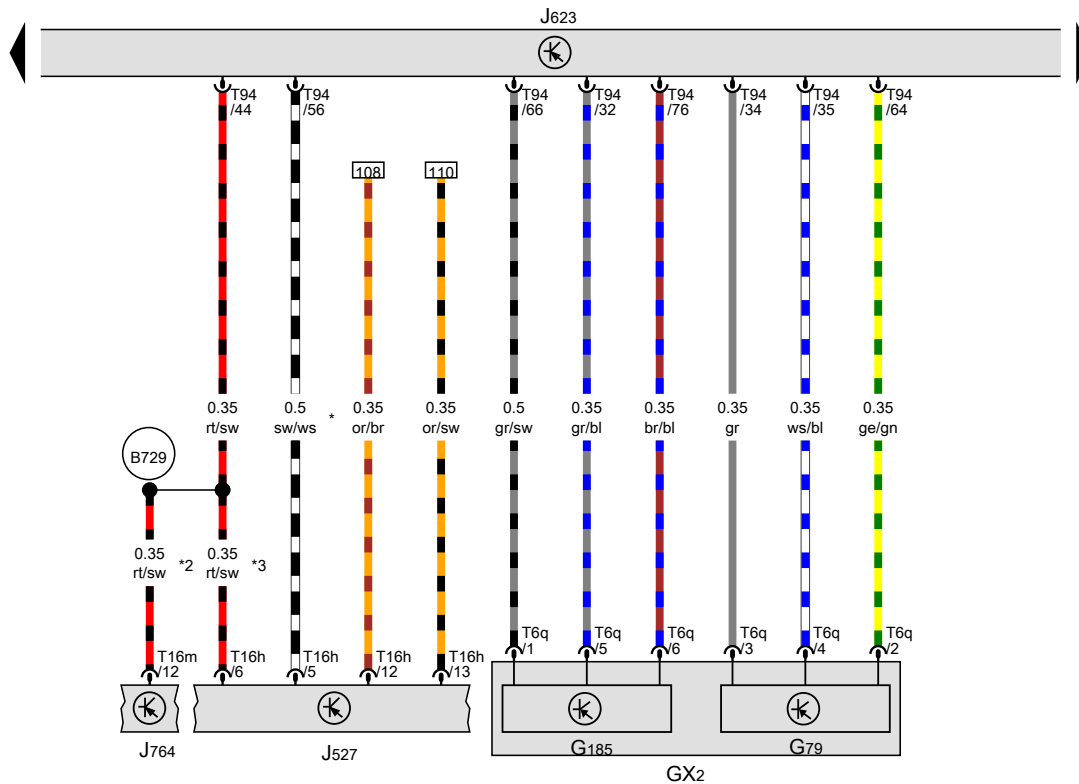
- ws = white
- sw = black
- ro = red
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- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Accelerator pedal module, Accelerator position sender, Accelerator position sender 2, Steering column electronics control unit, Engine/motor control unit, Control unit for electronic steering column lock

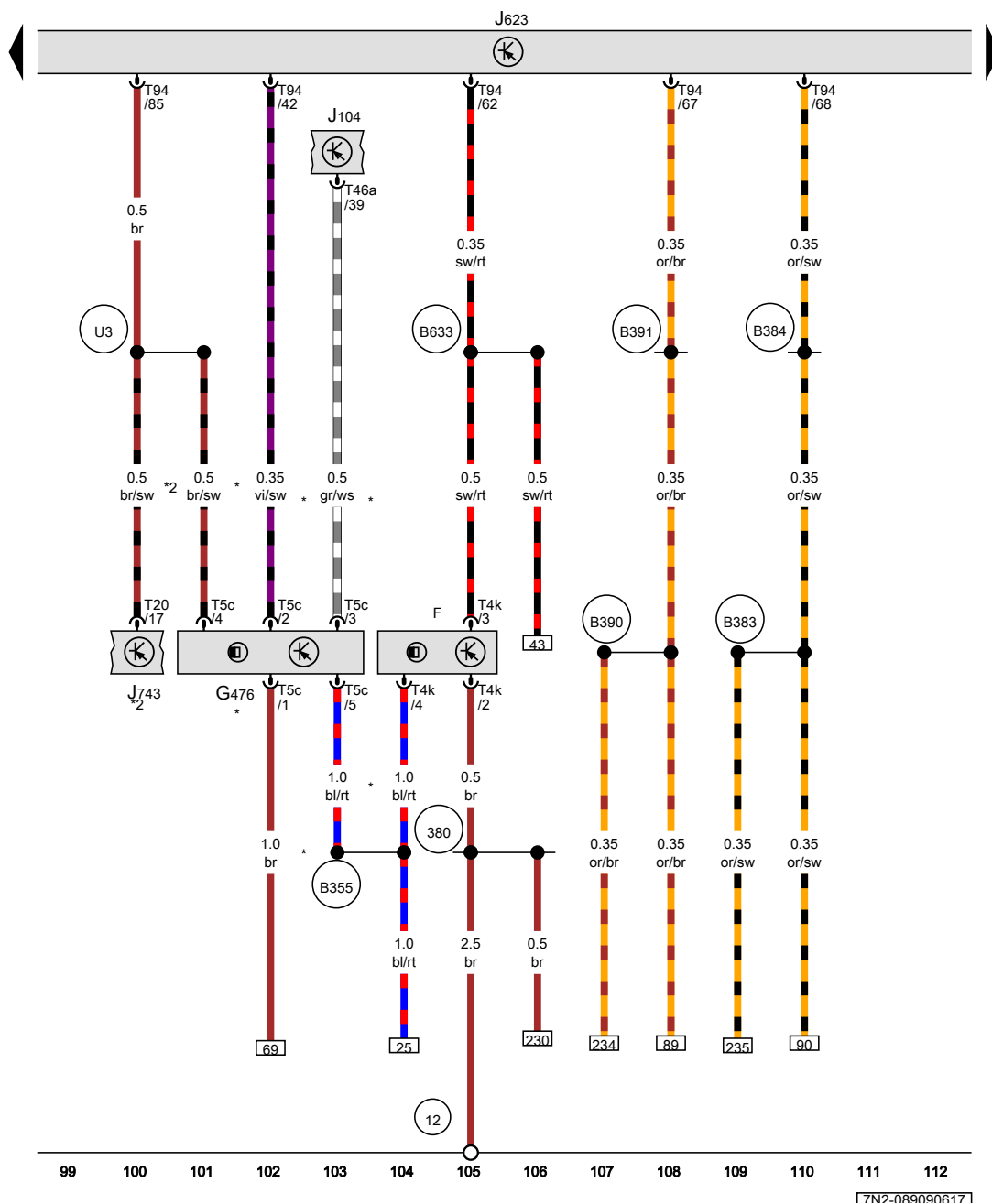
- | | |
|------|--|
| GX2 | Accelerator pedal module |
| G79 | Accelerator position sender |
| G185 | Accelerator position sender 2 |
| J527 | Steering column electronics control unit |
| J623 | Engine/motor control unit |
| J764 | Control unit for electronic steering column lock |
| T6q | 6-pin connector, black |
| T16h | 16-pin connector, black |
| T16m | 16-pin connector, black |
| T94 | 94-pin connector, black |

- (B729) Connection 1 (50), in main wiring harness

- * For models with cruise control system (CCS)
 *2 For models with entry and start authorisation
 *3 For models with no entry and start authorisation
 *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

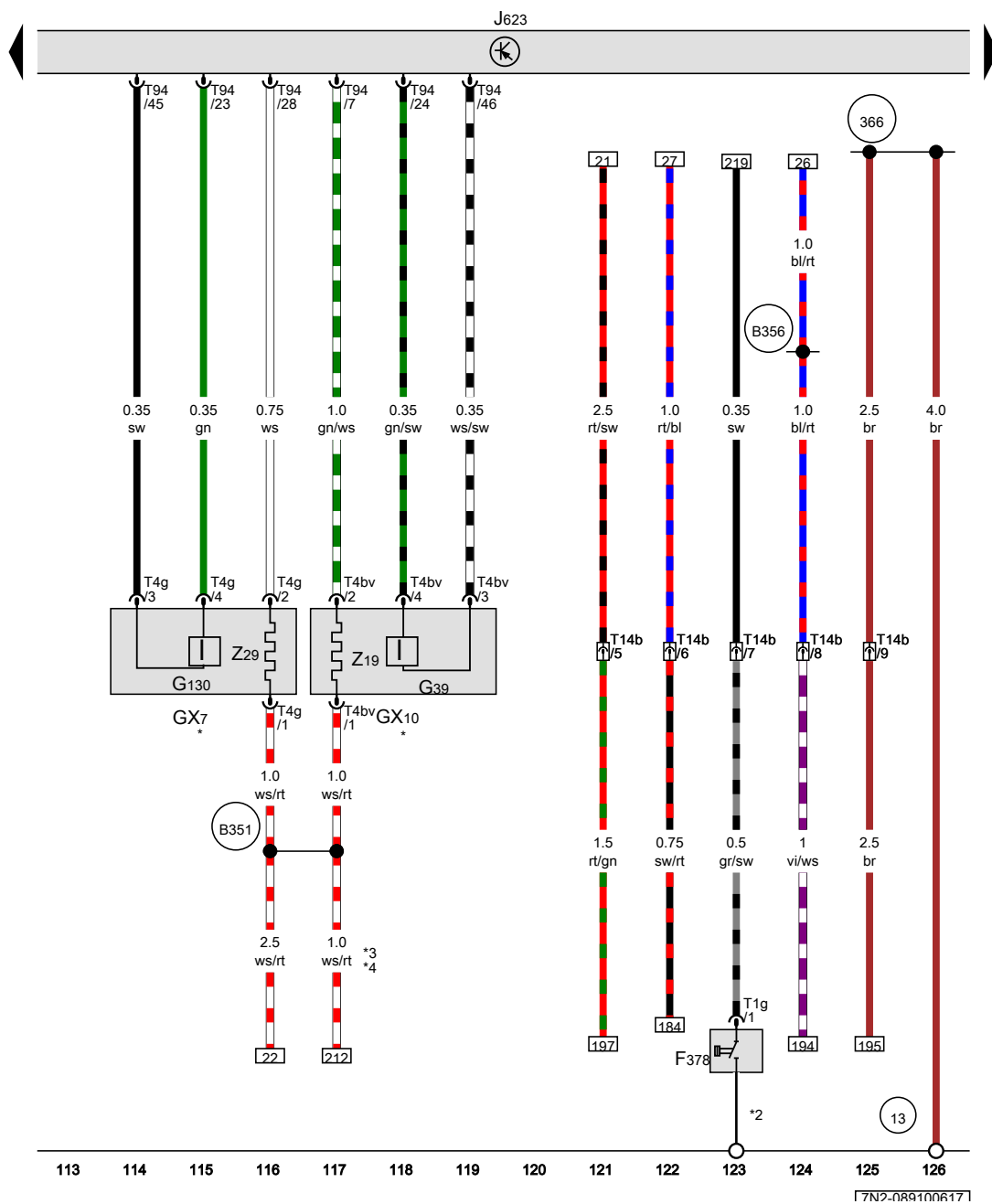


Brake light switch, Clutch position sender, ABS control unit, Engine/motor control unit, Mechatronic unit for dual clutch gearbox

- F Brake light switch
- G476 Clutch position sender
- J104 ABS control unit
- J623 Engine/motor control unit
- J743 Mechatronic unit for dual clutch gearbox
- T4k 4-pin connector, black
- T5c 5-pin connector, black
- T20 20-pin connector, black
- T46a 46-pin connector, black
- T94 94-pin connector, black
- 12 Earth point, on left in engine compartment
- 380 Earth connection 15, in main wiring harness
- B355 Positive connection 6 (87a) in main wiring harness
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B384 Connection 2 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- B391 Connection 2 (powertrain CAN bus, low), in main wiring harness
- B633 Connection (brake pedal switch), in main wiring harness
- U3 Connection 1, in automatic gearbox wiring harness

* For models with manual gearbox
 *2 For models with dual clutch gearbox (DSG)

ws = white
 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, Lambda probe 1 after catalytic converter, Lambda probe 1 before catalytic converter, Engine/motor control unit

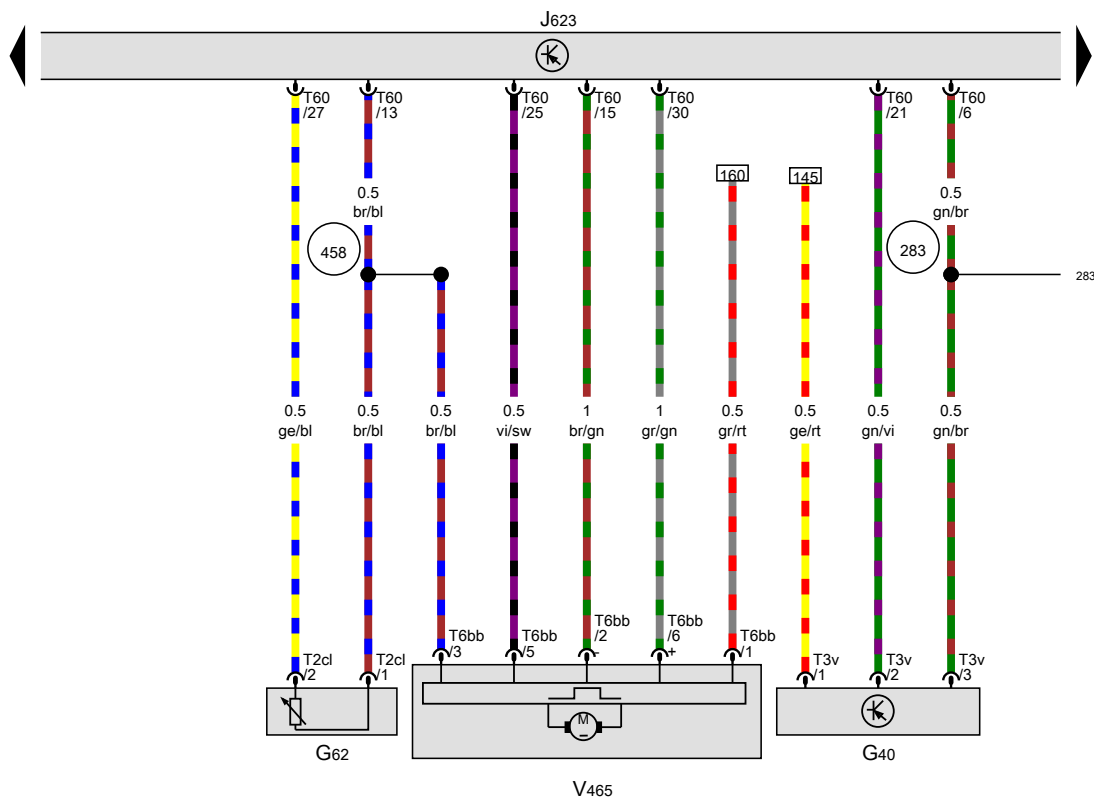
- F378 Oil pressure switch for reduced oil pressure
- GX7 Lambda probe 1 after catalytic converter
- GX10 Lambda probe 1 before catalytic converter
- G39 Lambda probe
- G130 Lambda probe after catalytic converter
- J623 Engine/motor control unit
- T1g 1-pin connector, black
- T4bv 4-pin connector, black
- T4g 4-pin connector, black
- T14b 14-pin connector, grey
- T94 94-pin connector, black
- Z19 Lambda probe heater
- Z29 Lambda probe 1 heater after catalytic converter

- 13 Earth point, on right in engine compartment
- 366 Earth connection 1, in main wiring harness
- B351 Positive connection 2 (87a) in main wiring harness
- B356 Positive connection 7 (87a) in main wiring harness

- * Pre-wired component
- *2 Earth supply via housing
- *3 From April 2016
- *4 For models with equipment for Japan

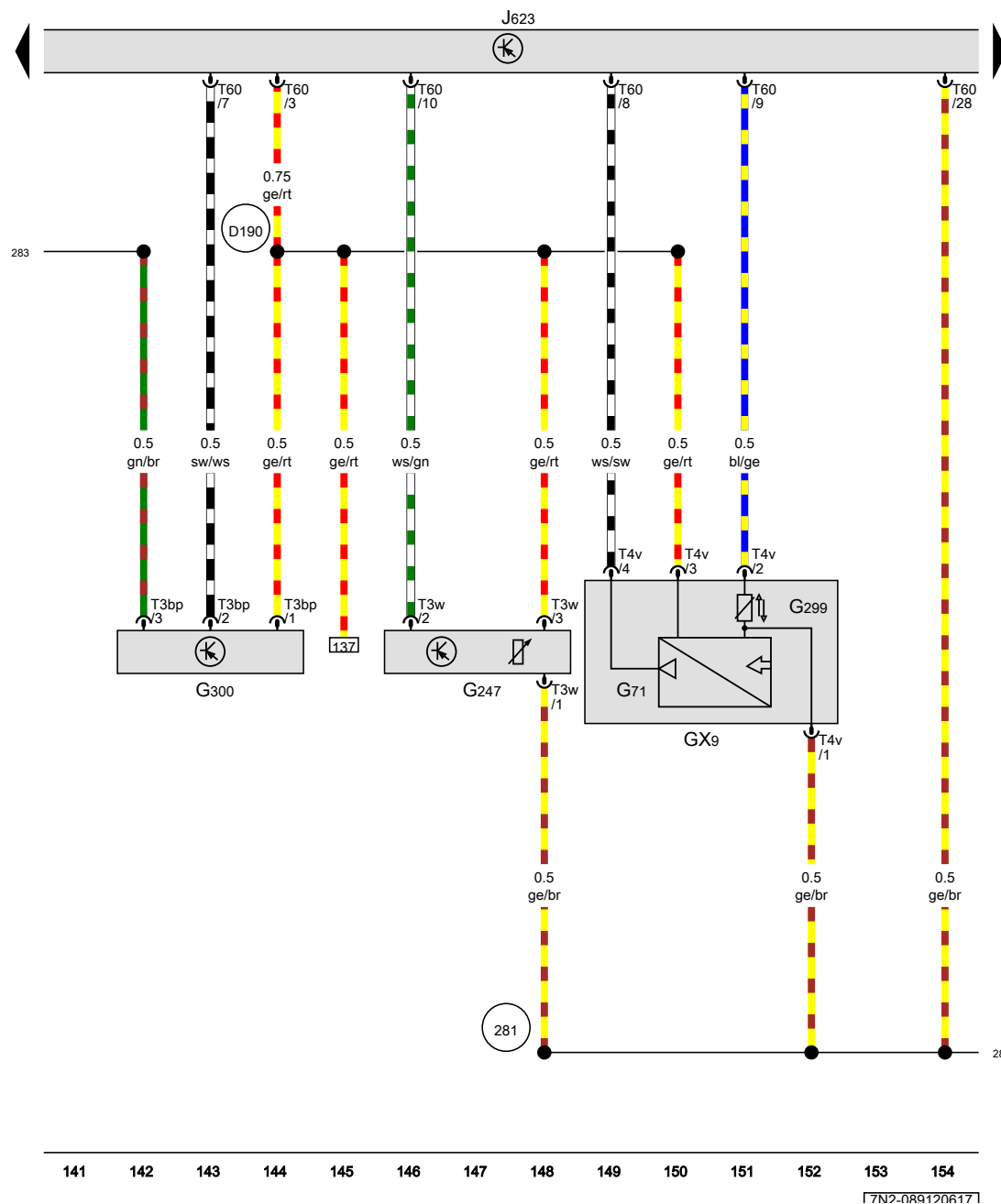
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
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- vi = purple
- ge = yellow
- or = orange
- rs = pink

Hall sender, Coolant temperature sender, Engine/motor control unit, Charge pressure positioner



- G40 Hall sender
- G62 Coolant temperature sender
- J623 Engine/motor control unit
- T2cl 2-pin connector, black
- T3v 3-pin connector, black
- T6bb 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

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



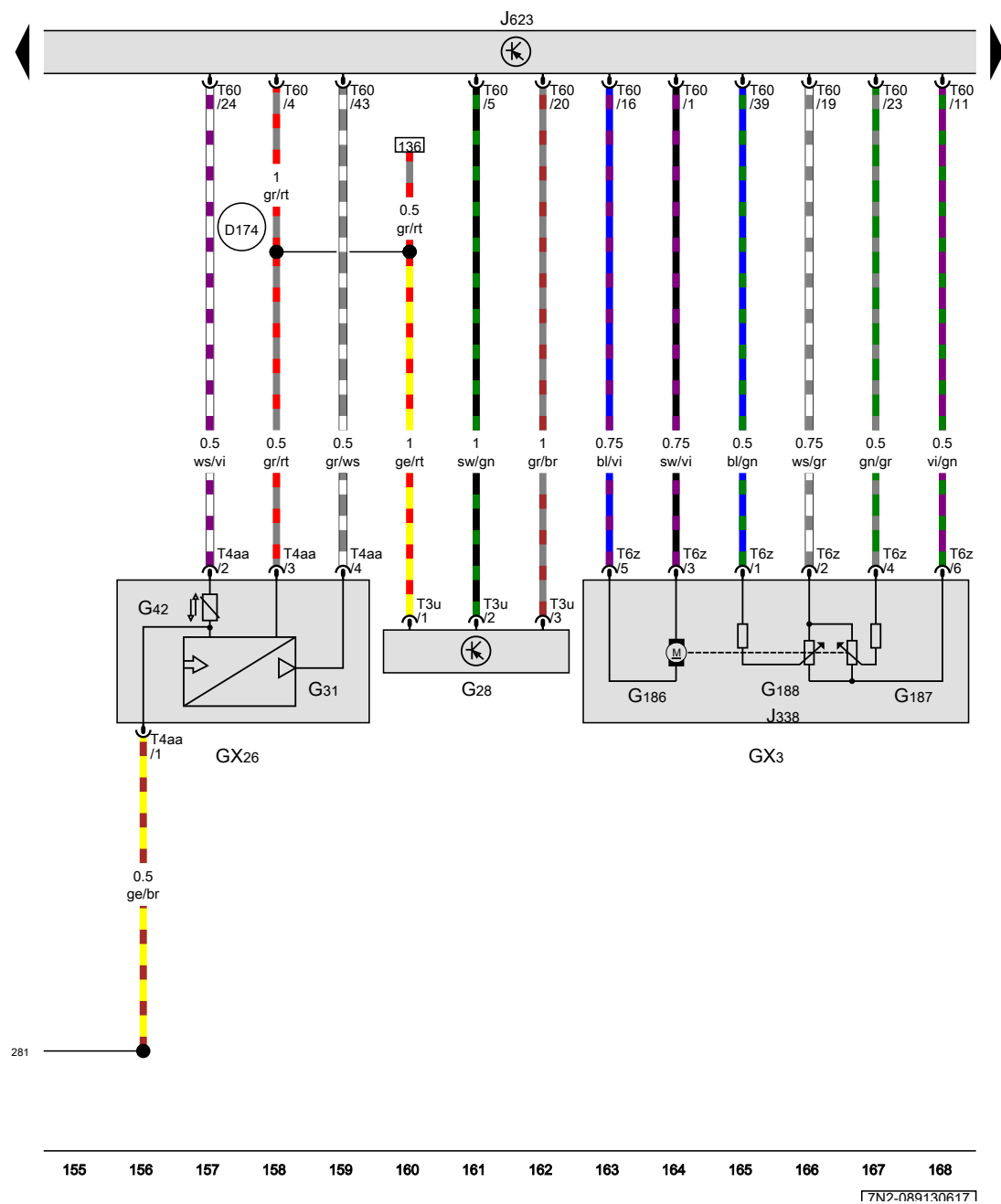
Intake manifold sender, Fuel pressure sender, Hall sender 3, Engine/motor control unit

- GX9 Intake manifold sender
- G71 Intake manifold pressure sender
- G247 Fuel pressure sender
- G299 Intake air temperature sender 2
- G300 Hall sender 3
- J623 Engine/motor control unit
- T3bp 3-pin connector, black
- T3w 3-pin connector, black
- T4v 4-pin connector, black
- T60 60-pin connector, black

281 Earth point 1, engine prewiring harness

283 Earth point 2, engine prewiring harness

D190 Connection 3 (5V) in engine prewiring harness

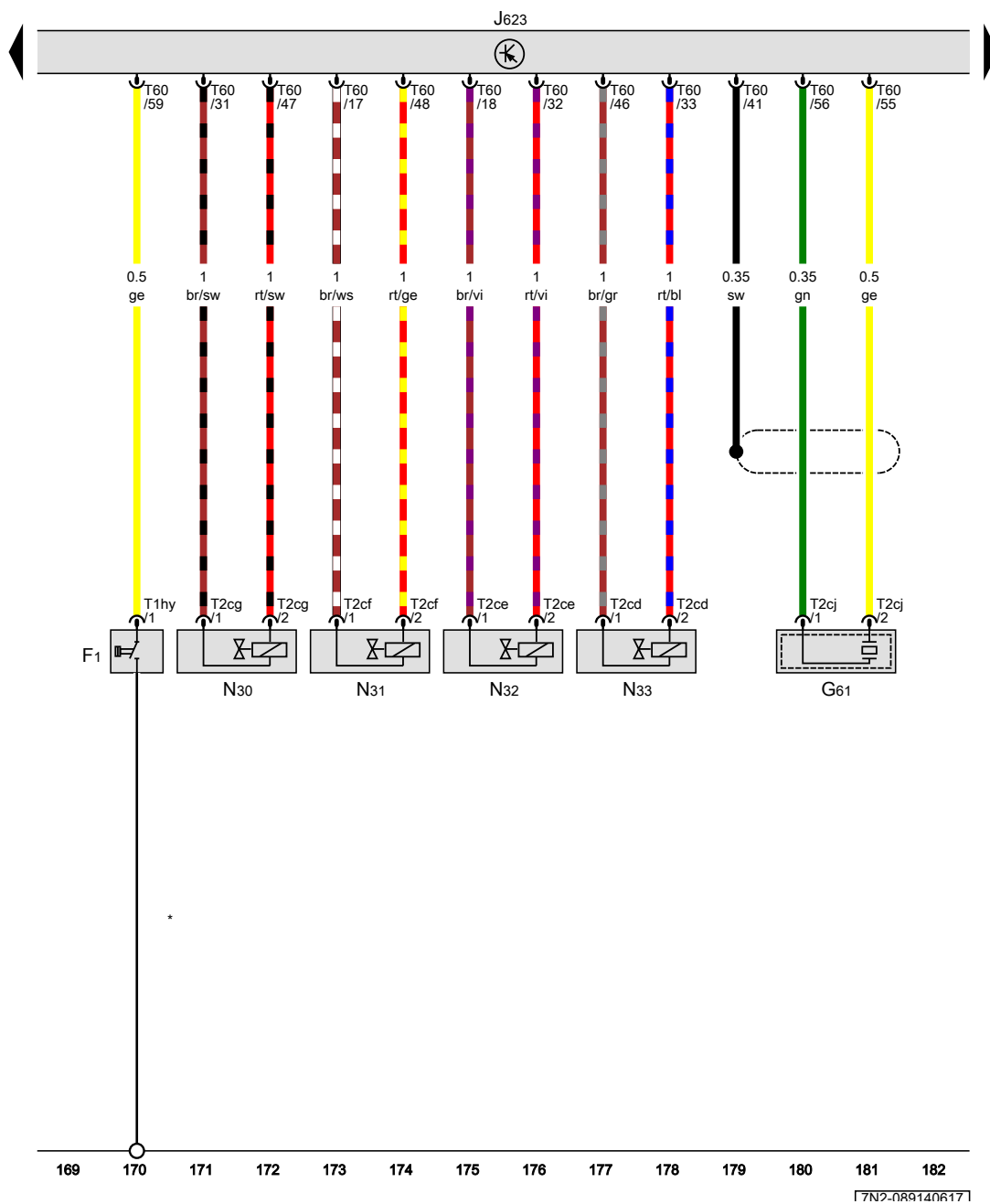


Throttle valve module, Charge pressure sender, Engine speed sender, Engine/motor control unit

- GX3 Throttle valve module
- GX26 Charge pressure sender
- G28 Engine speed sender
- G31 Charge pressure sender
- G42 Intake air 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
- T3u 3-pin connector, black
- T4aa 4-pin connector, black
- T6z 6-pin connector, black
- T60 60-pin connector, black

281 Earth point 1, engine prewiring harness

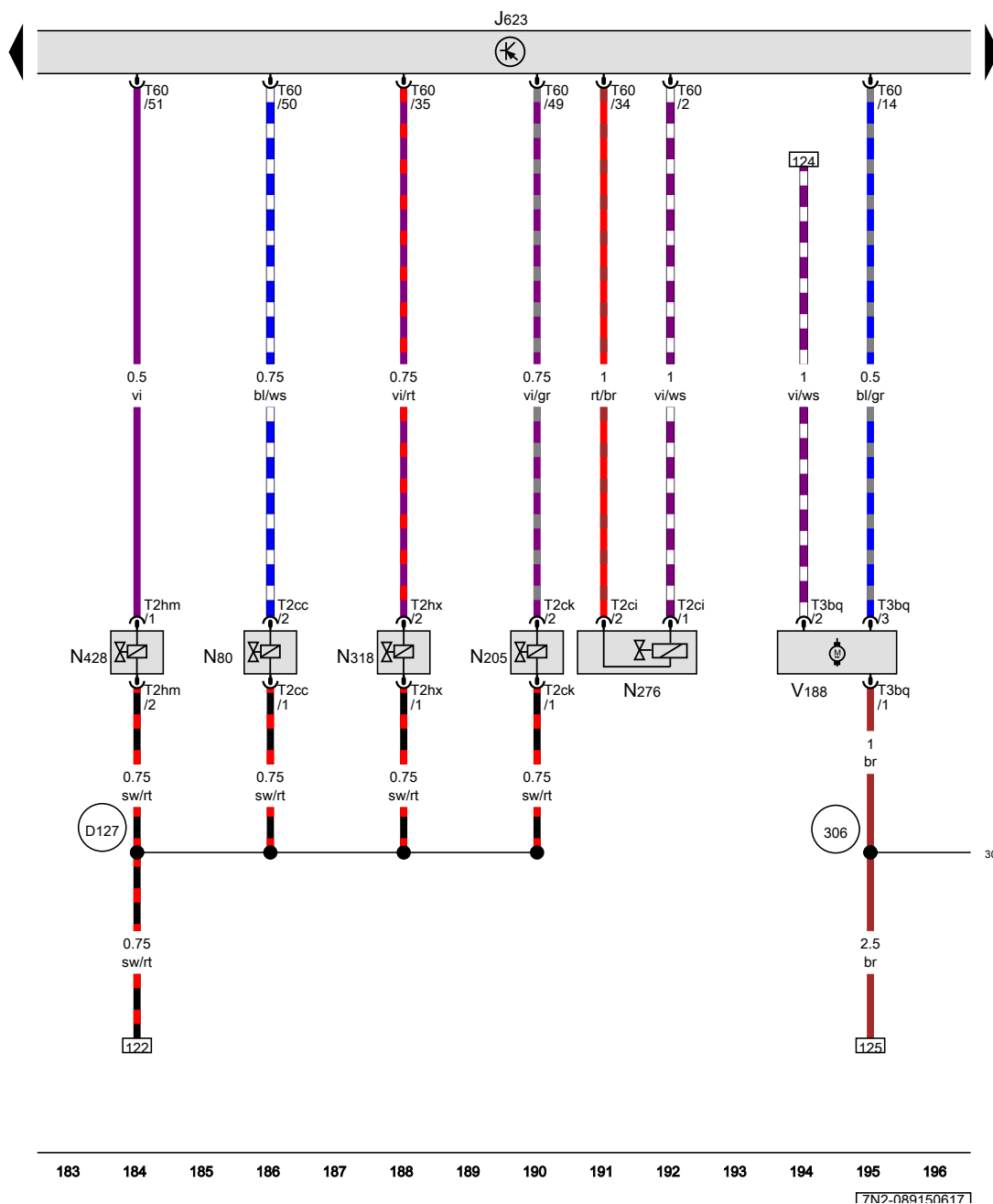
D174 Connection 2 (5V) in engine prewiring harness



Oil pressure switch, Knock sensor 1, Engine/motor control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

- F1 Oil pressure switch
- G61 Knock sensor 1
- J623 Engine/motor control unit
- N30 Injector, cylinder 1
- N31 Injector, cylinder 2
- N32 Injector, cylinder 3
- N33 Injector, cylinder 4
- T1hy 1-pin connector, dark blue
- T2cd 2-pin connector, black
- T2ce 2-pin connector, black
- T2cf 2-pin connector, black
- T2cg 2-pin connector, black
- T2cj 2-pin connector, black
- T60 60-pin connector, black
- * Earth supply via housing

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

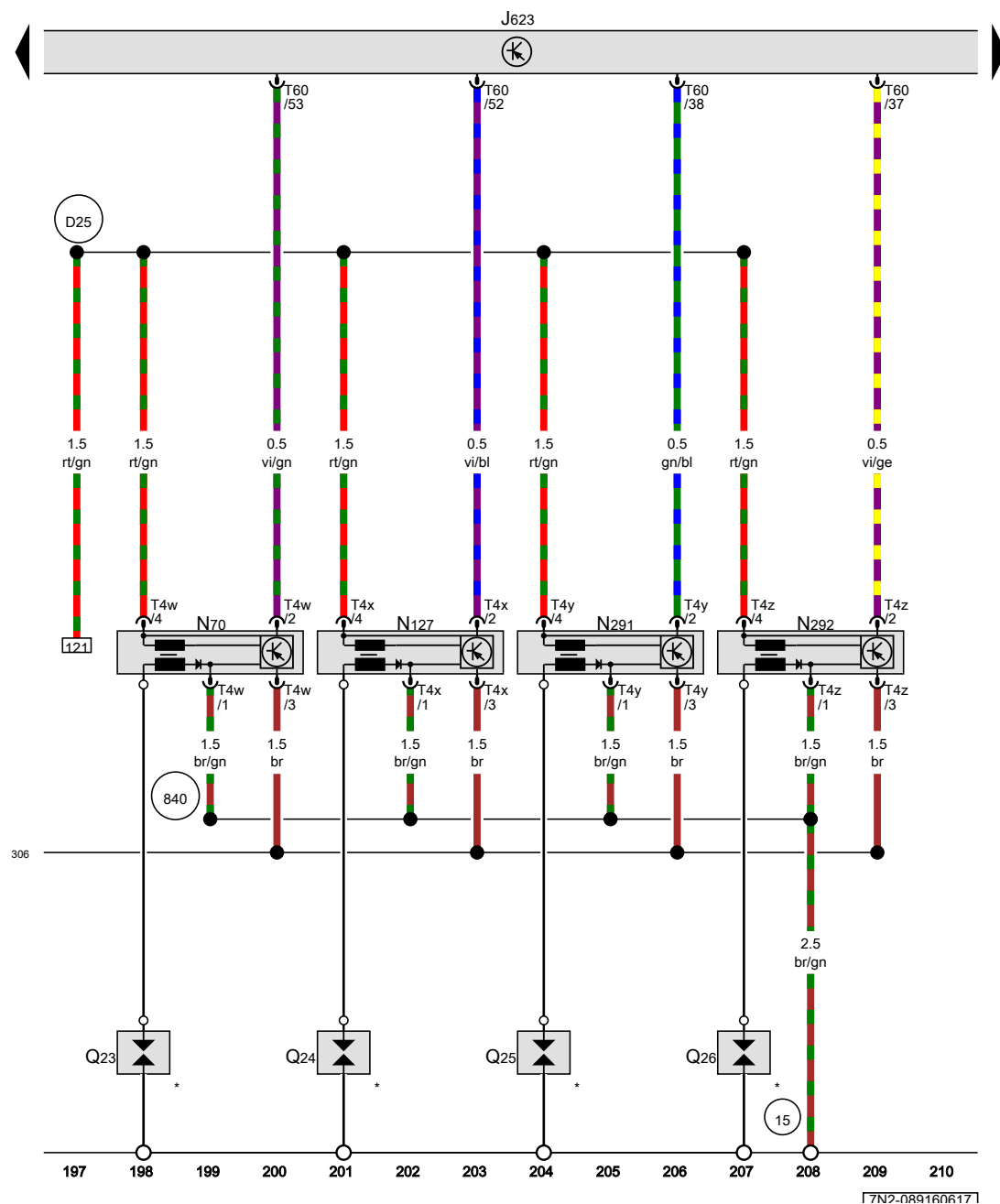


Engine/motor control unit, Activated charcoal filter solenoid valve 1, Camshaft control valve 1, Fuel pressure regulating valve, Exhaust camshaft control valve 1, Valve for oil pressure control, Charge air cooling pump

- 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
- T2cc 2-pin connector, black
- T2ci 2-pin connector, yellow
- T2ck 2-pin connector, black
- T2hm 2-pin connector, black
- T2hx 2-pin connector, black
- T3bq 3-pin connector, black
- T60 60-pin connector, black
- V188 Charge air cooling pump

306 Earth connection (ignition coils), in engine prewiring harness

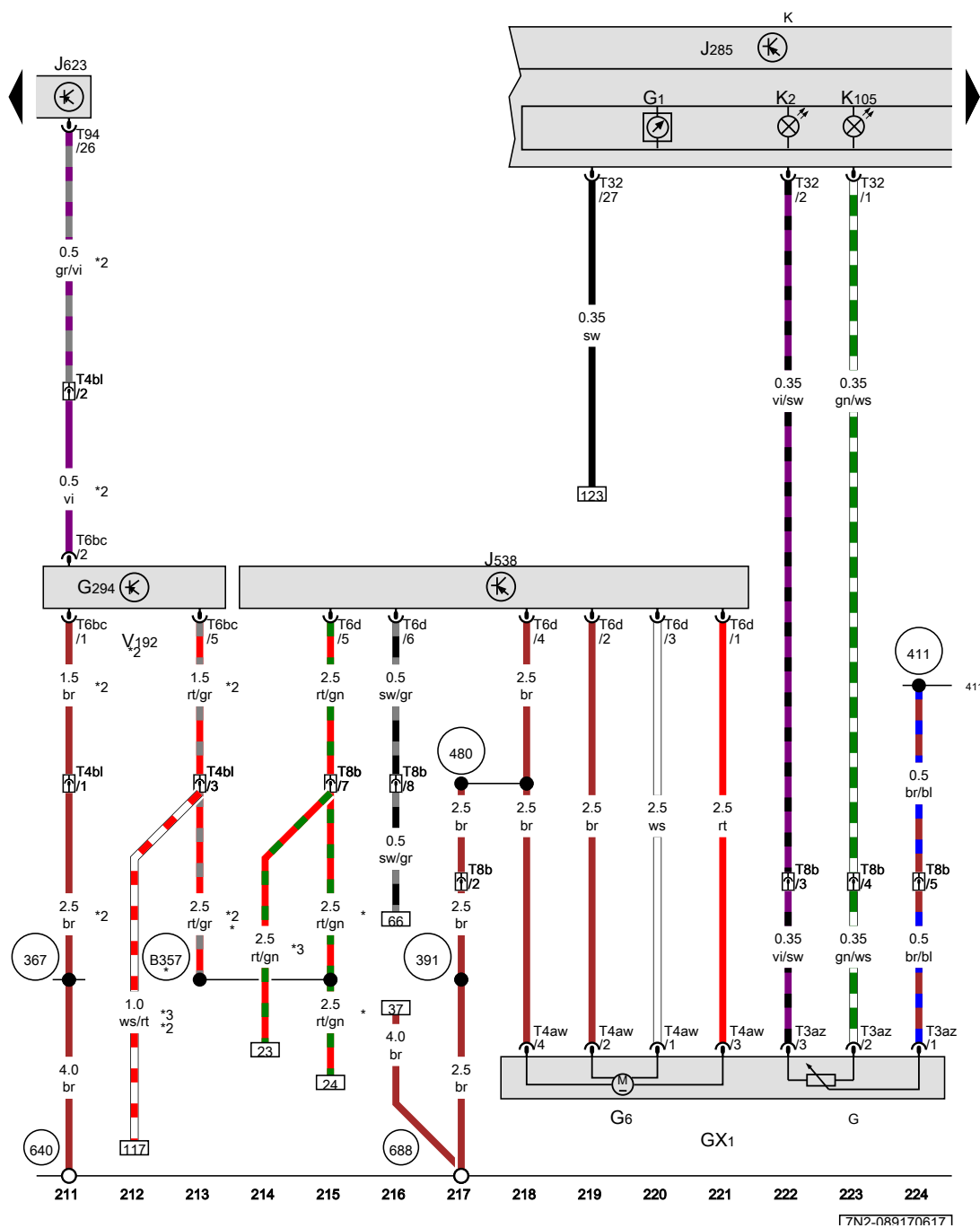
D127 Connection 25 in engine compartment wiring harness



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
- Q23 Spark plug 1
- Q24 Spark plug 2
- Q25 Spark plug 3
- Q26 Spark plug 4
- T4w 4-pin connector, black
- T4x 4-pin connector, black
- T4y 4-pin connector, black
- T4z 4-pin connector, black
- T60 60-pin connector, black

- 15 Earth point, on cylinder head
- 306 Earth connection (ignition coils), in engine prewiring harness
- 840 Earth connection (engine earth), in engine prewiring harness
- D25 Positive connection (15), in engine prewiring harness
- * Earth supply via housing



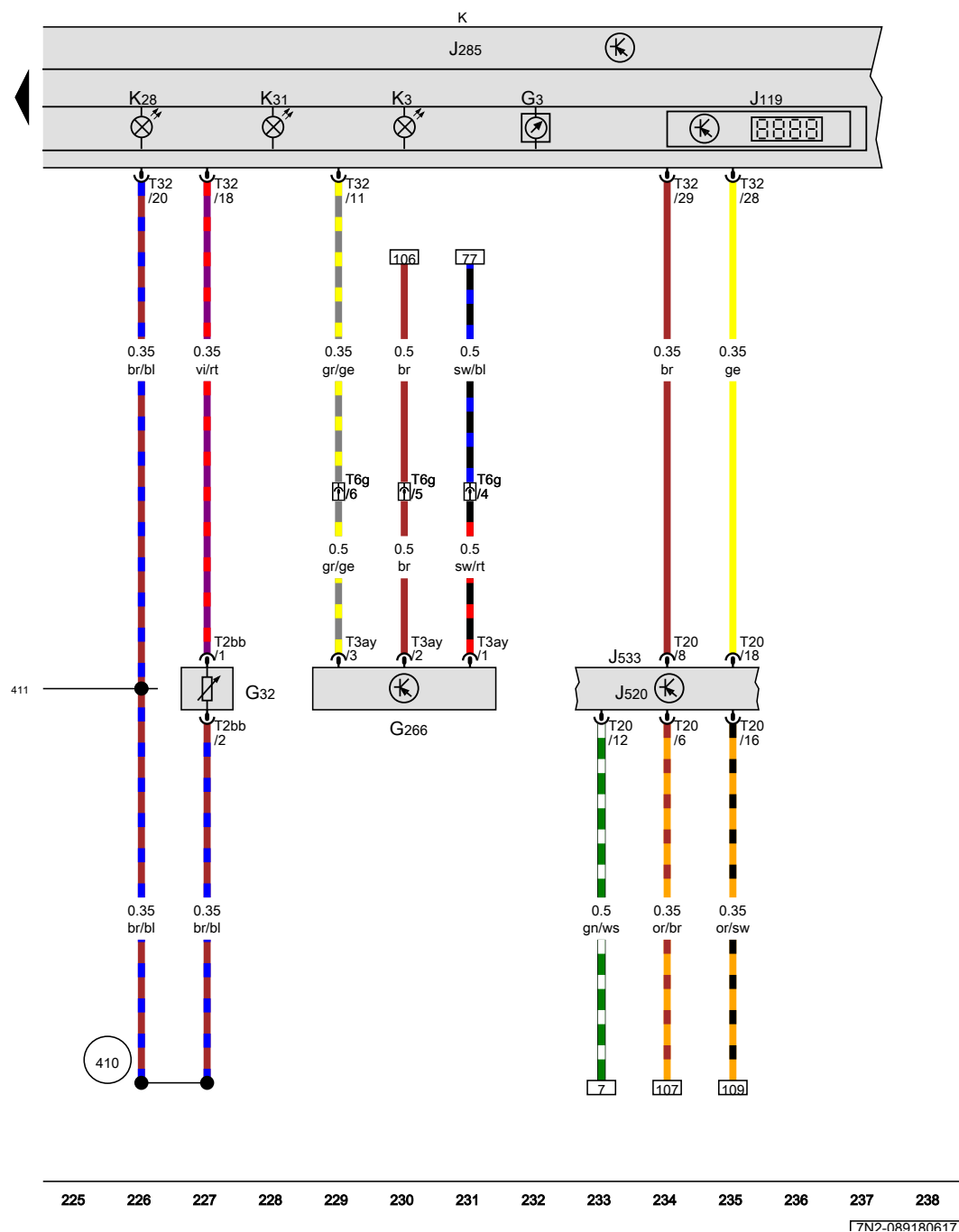
Fuel delivery unit, Brake servo pressure sensor, Control unit in dash panel insert, Fuel pump control unit, Engine/motor control unit

- G Fuel gauge sender
- G1 Fuel gauge
- GX1 Fuel delivery unit
- G6 Fuel system pressurisation pump
- G294 Brake servo pressure sensor
- J285 Control unit in dash panel insert
- J538 Fuel pump control unit
- J623 Engine/motor control unit
- K Dash panel insert
- K2 Alternator warning lamp
- K105 Reserve fuel warning lamp
- T3az 3-pin connector, black
- T4aw 4-pin connector, black
- T4bl 4-pin connector, black
- T6bc 6-pin connector, black
- T6d 6-pin connector, black
- T8b 8-pin connector, black
- T32 32-pin connector, blue
- T94 94-pin connector, black
- V192 Vacuum pump for brakes

- 367 Earth connection 2, in main wiring harness
- 391 Earth connection 26, in main wiring harness
- 411 Earth connection 2 (sender earth) in main wiring harness
- 480 Earth connection, in fuel tank wiring harness
- 640 Earth point 2, left in engine compartment
- 688 Earth point 2, on centre tunnel
- B357 Positive connection 8 (87a) in main wiring harness

- * Up to April 2016
- *2 For models with equipment for Japan
- *3 From April 2016

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



Coolant shortage indicator sender, Oil level and oil temperature sender, Control unit in dash panel insert, Onboard supply control unit 2, Data bus diagnostic interface

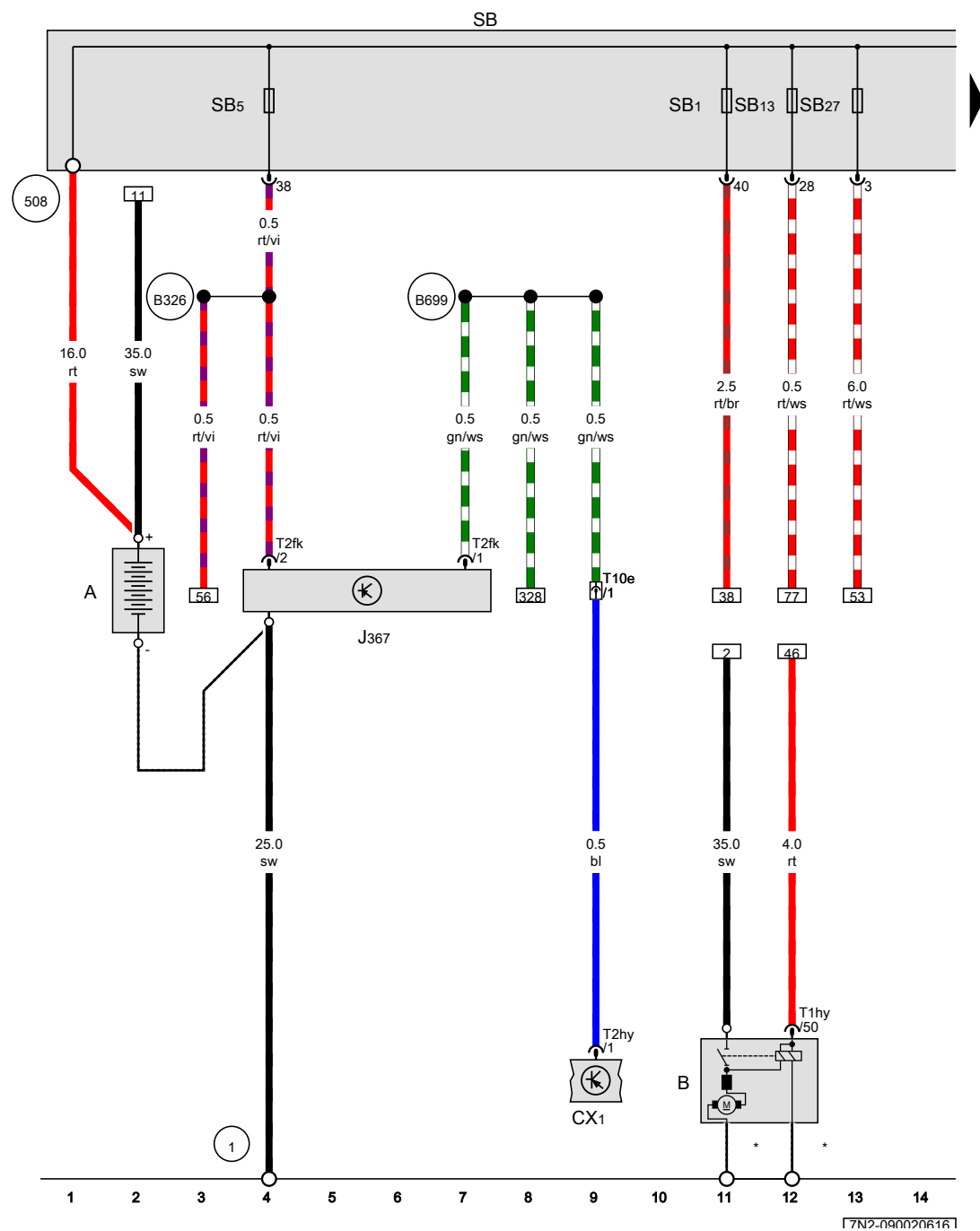
- G3 Coolant temperature gauge
- G32 Coolant shortage indicator sender
- G266 Oil level and oil temperature sender
- J119 Multifunction indicator
- J285 Control unit in dash panel insert
- J520 Onboard supply control unit 2
- J533 Data bus diagnostic interface
- K Dash panel insert
- K3 Oil pressure warning lamp
- K28 Coolant temperature and coolant shortage warning lamp
- K31 Cruise control system warning lamp
- T2bb 2-pin connector, black
- T3ay 3-pin connector, black
- T6g 6-pin connector, black
- T20 20-pin connector, red
- T32 32-pin connector, blue

410 Earth connection 1 (sender earth) in main wiring harness

411 Earth connection 2 (sender earth) in main wiring harness

2.0l petrol engine , DEDA

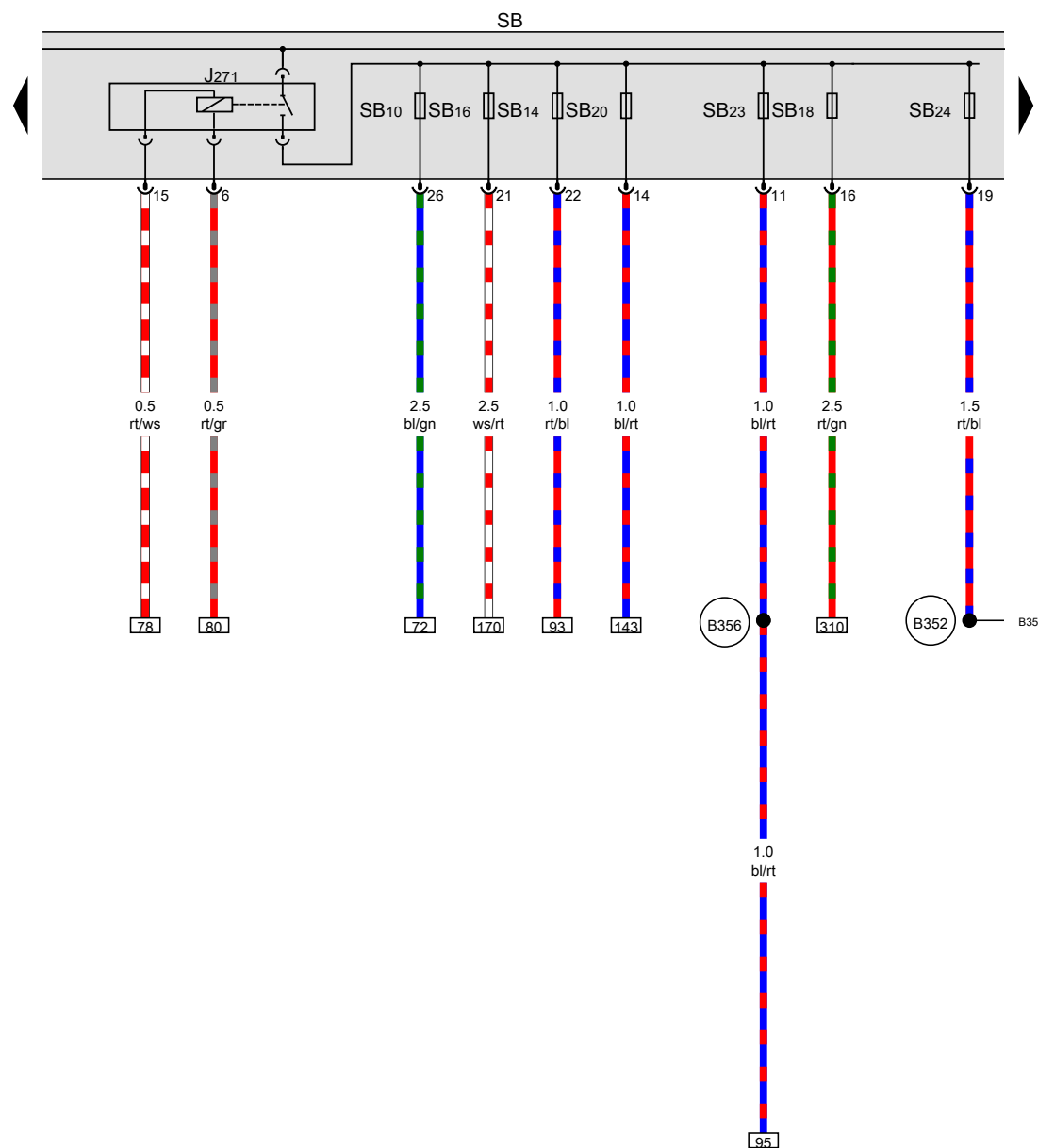
From November 2015



Battery, Starter, Alternator with voltage regulator, Battery monitor control unit, Fuse holder B

- A Battery
- B Starter
- CX1 Alternator with voltage regulator
- J367 Battery monitor control unit, on earth cable battery clamp
- SB Fuse holder B
- SB1 Fuse 1 on fuse holder B
- SB5 Fuse 5 on fuse holder B
- SB13 Fuse 13 on fuse holder B
- SB27 Fuse 27 on fuse holder B
- T1hy Single connector, black
- T2fk 2-pin connector, yellow
- T2hy 2-pin connector, black
- T10e 10-pin connector, black
- 1 Earth strap, battery - body
- 508 Threaded connection (30) on E-box
- B326 Positive connection 12 (30a) in main wiring harness
- B699 Connection 4 (LIN bus) in main wiring harness
- * Earth supply via housing

ws = white
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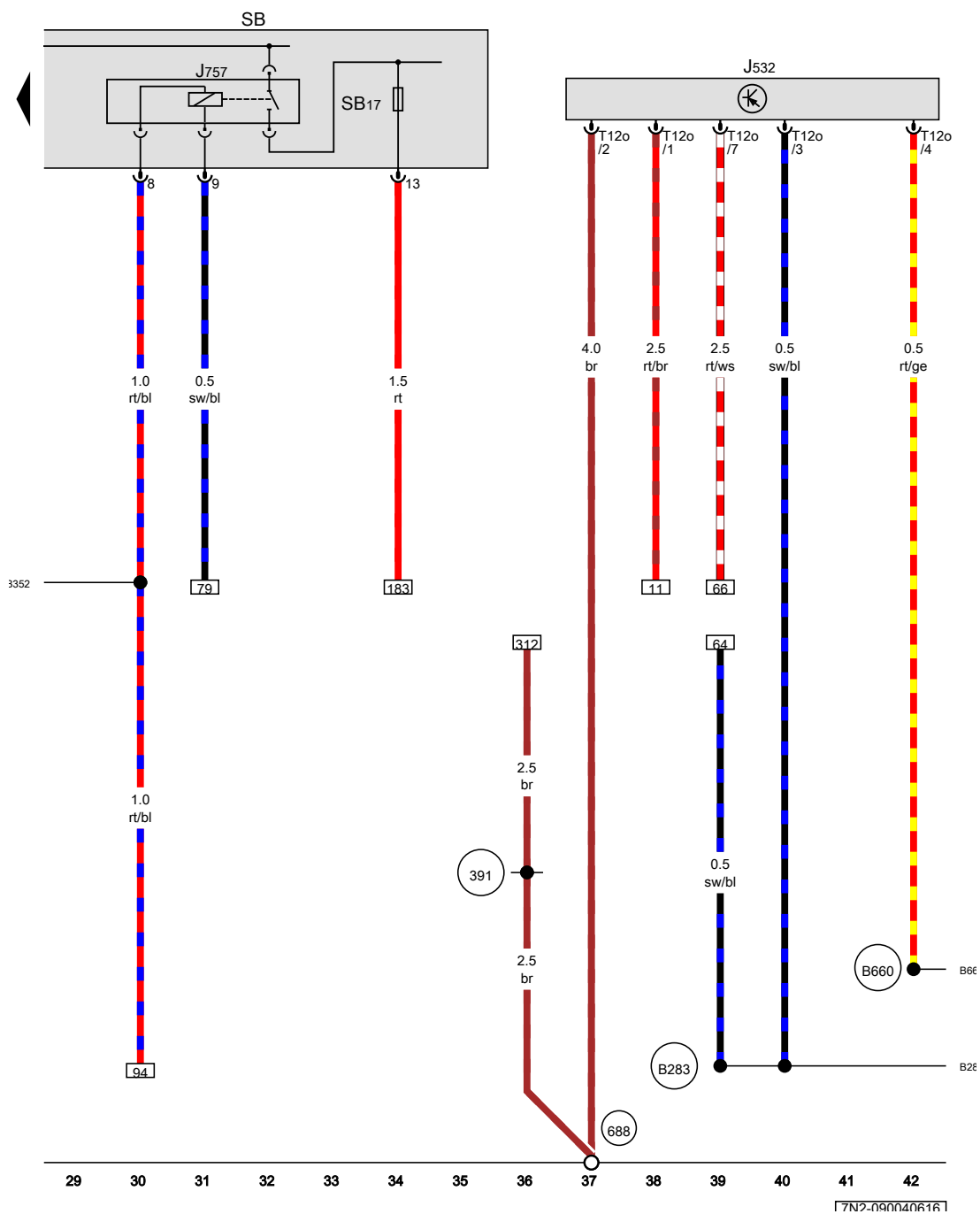


Main relay, Fuse holder B

- J271 Main relay
- SB Fuse holder B
- SB10 Fuse 10 on fuse holder B
- SB14 Fuse 14 on fuse holder B
- SB16 Fuse 16 on fuse holder B
- SB18 Fuse 18 on fuse holder B
- SB20 Fuse 20 on fuse holder B
- SB23 Fuse 23 on fuse holder B
- SB24 Fuse 24 on fuse holder B

B352 Positive connection 3 (87a) in main wiring harness

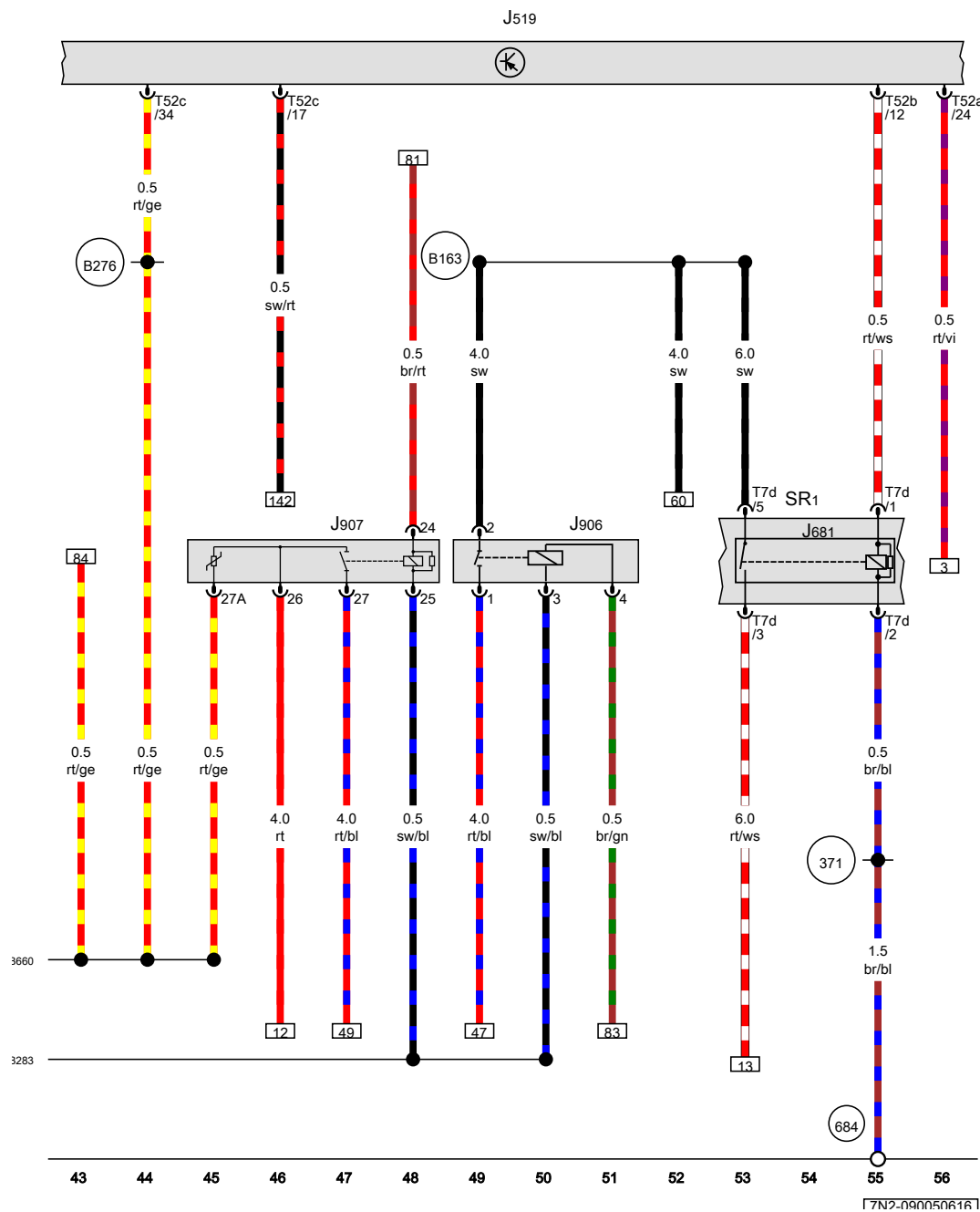
B356 Positive connection 7 (87a) in main wiring harness



Voltage stabiliser, Engine component current supply relay, Fuse holder B

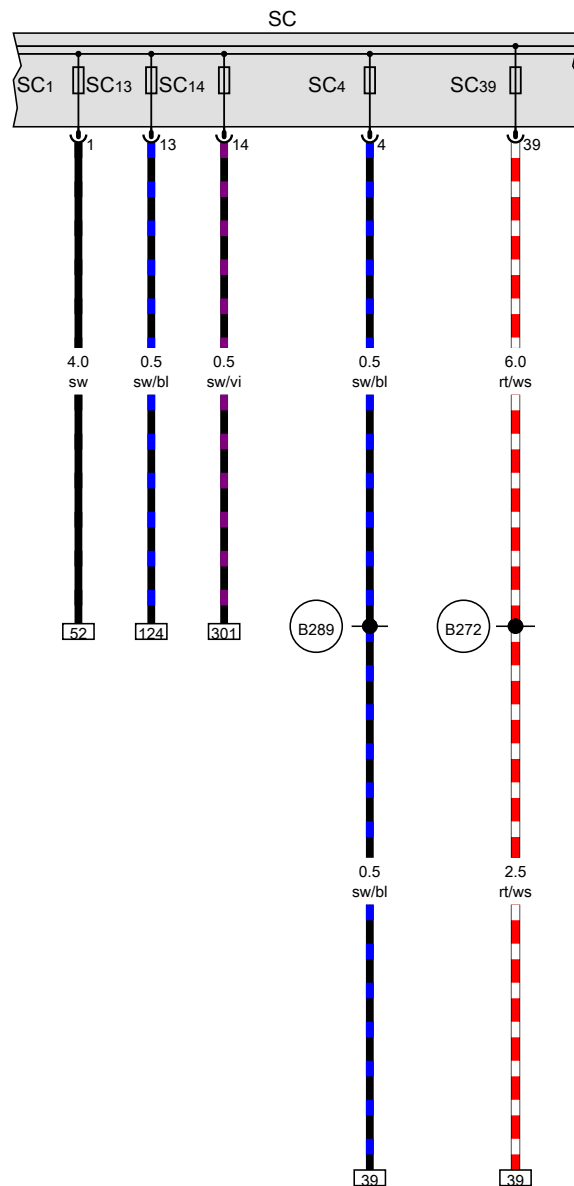
- J532 Voltage stabiliser
- J757 Engine component current supply relay
- SB Fuse holder B
- SB17 Fuse 17 on fuse holder B
- T12o 12-pin connector, red

- 391 Earth connection 26, in main wiring harness
- 688 Earth point 2, on centre tunnel
- B283 Positive connection 7 (15a) in main wiring harness
- B352 Positive connection 3 (87a) in main wiring harness
- B660 Connection (diagnosis terminal 50), in main wiring harness



Onboard supply control unit, Terminal 15 voltage supply relay 2, Starter relay 1, Starter relay 2, Relay and fuse carrier 1

- J519 Onboard supply control unit
- J681 Terminal 15 voltage supply relay 2
- J906 Starter relay 1
- J907 Starter relay 2
- SR1 Relay and fuse carrier 1
- T7d 7-pin connector, black
- T52a 52-pin connector, black
- T52b 52-pin connector, colourless
- T52c 52-pin connector, brown
- 371 Earth connection 6, in main wiring harness
- 684 Earth point on front of left side member
- B163 Positive connection 1 (15), in interior wiring harness
- B276 Positive connection (50), in main wiring harness
- B283 Positive connection 7 (15a) in main wiring harness
- B660 Connection (diagnosis terminal 50), in main wiring harness



Fuse holder C

- SC Fuse holder C
- SC1 Fuse 1 on fuse holder C
- SC4 Fuse 4 on fuse holder C
- SC13 Fuse 13 on fuse holder C
- SC14 Fuse 14 on fuse holder C
- SC39 Fuse 39 on fuse holder C

B272 Positive connection (30), in main wiring harness

B289 Positive connection 13 (15a) in main wiring harness

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 or = orange
 rs = pink

Engine control unit

J623 Engine control unit

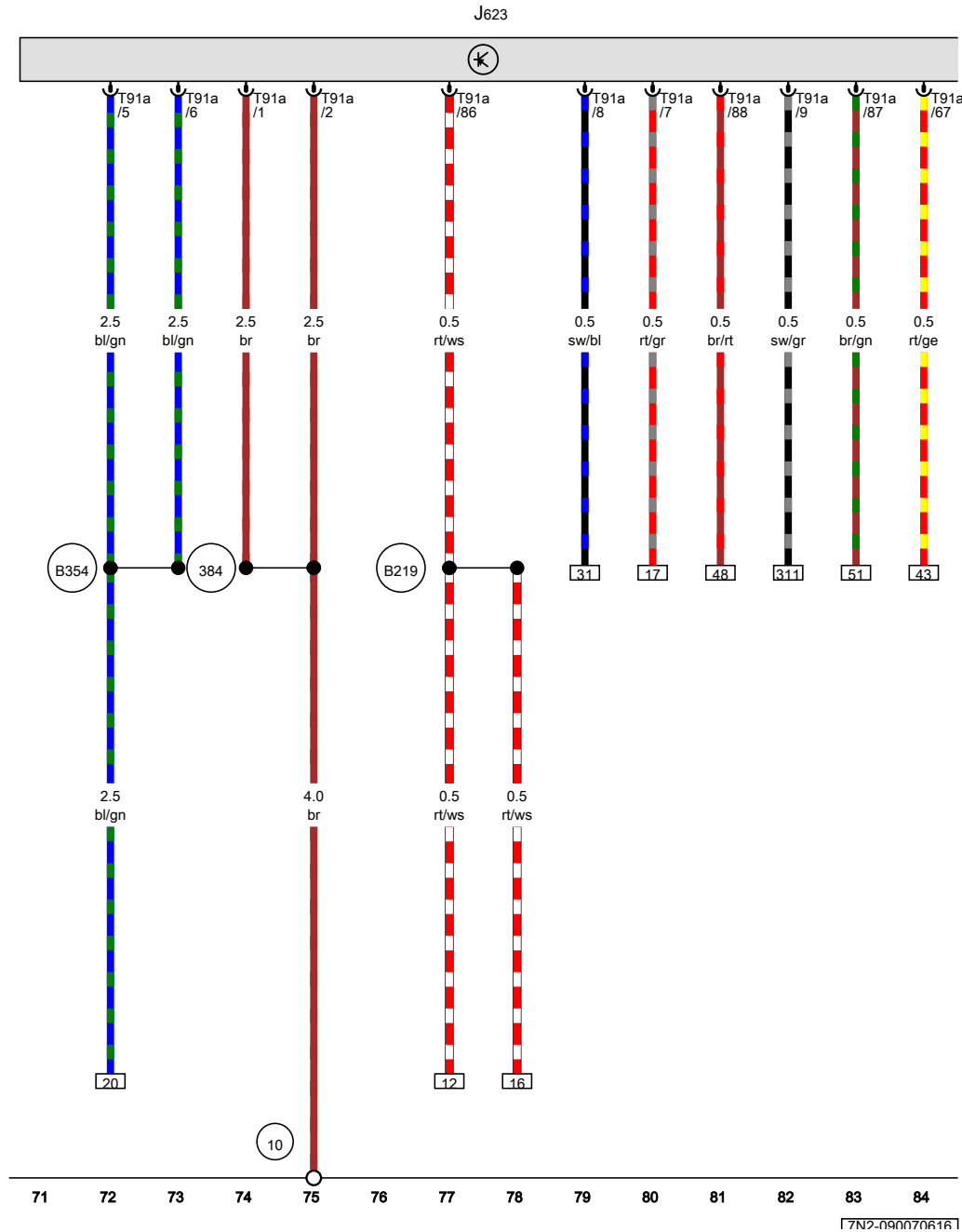
T91a 91-pin connector, black

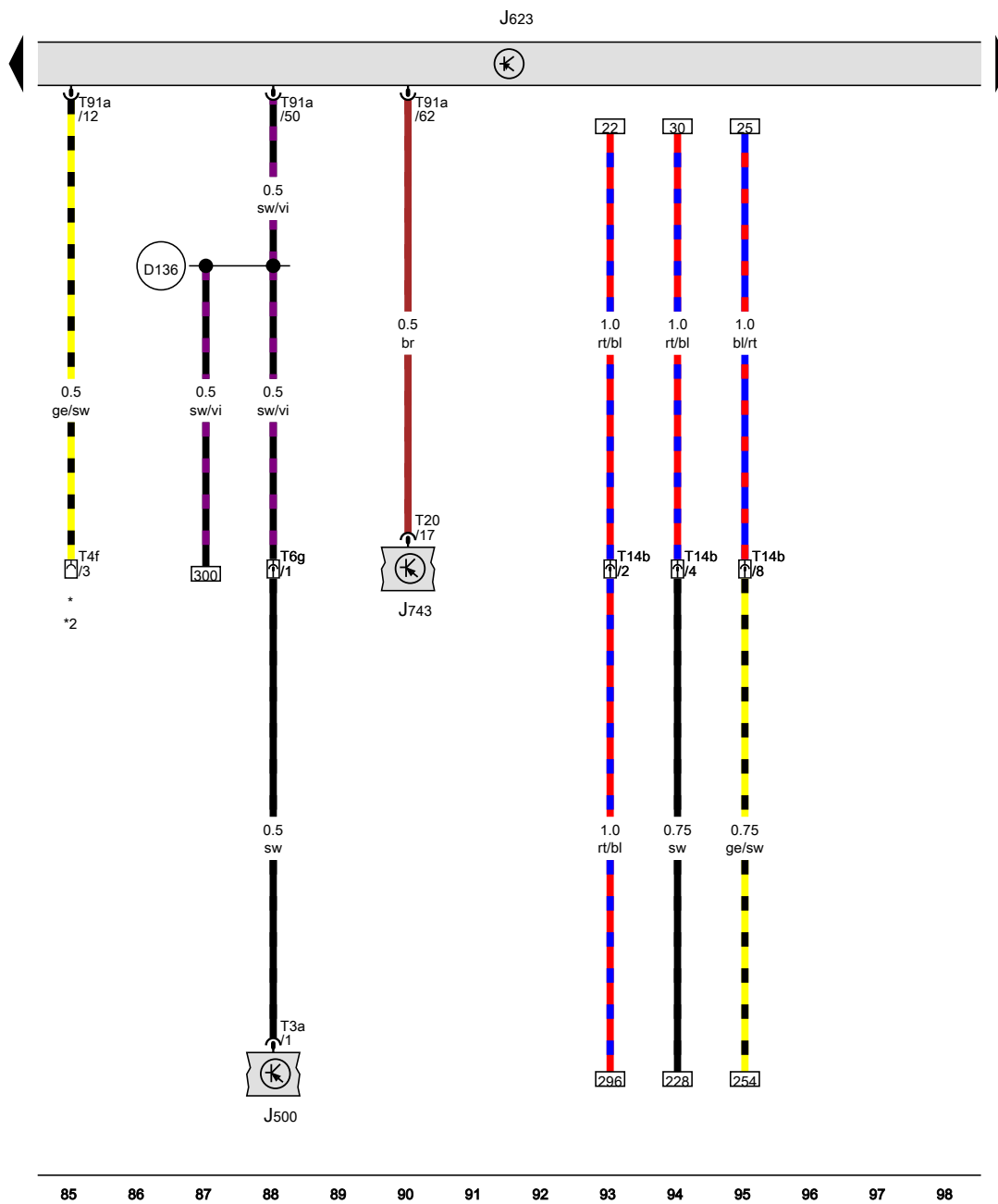
10 Earth point, in plenum chamber

384 Earth connection 19, in main wiring harness

B219 Positive connection 4 (30a), in interior wiring harness

B354 Positive connection 5 (87a) in main wiring harness



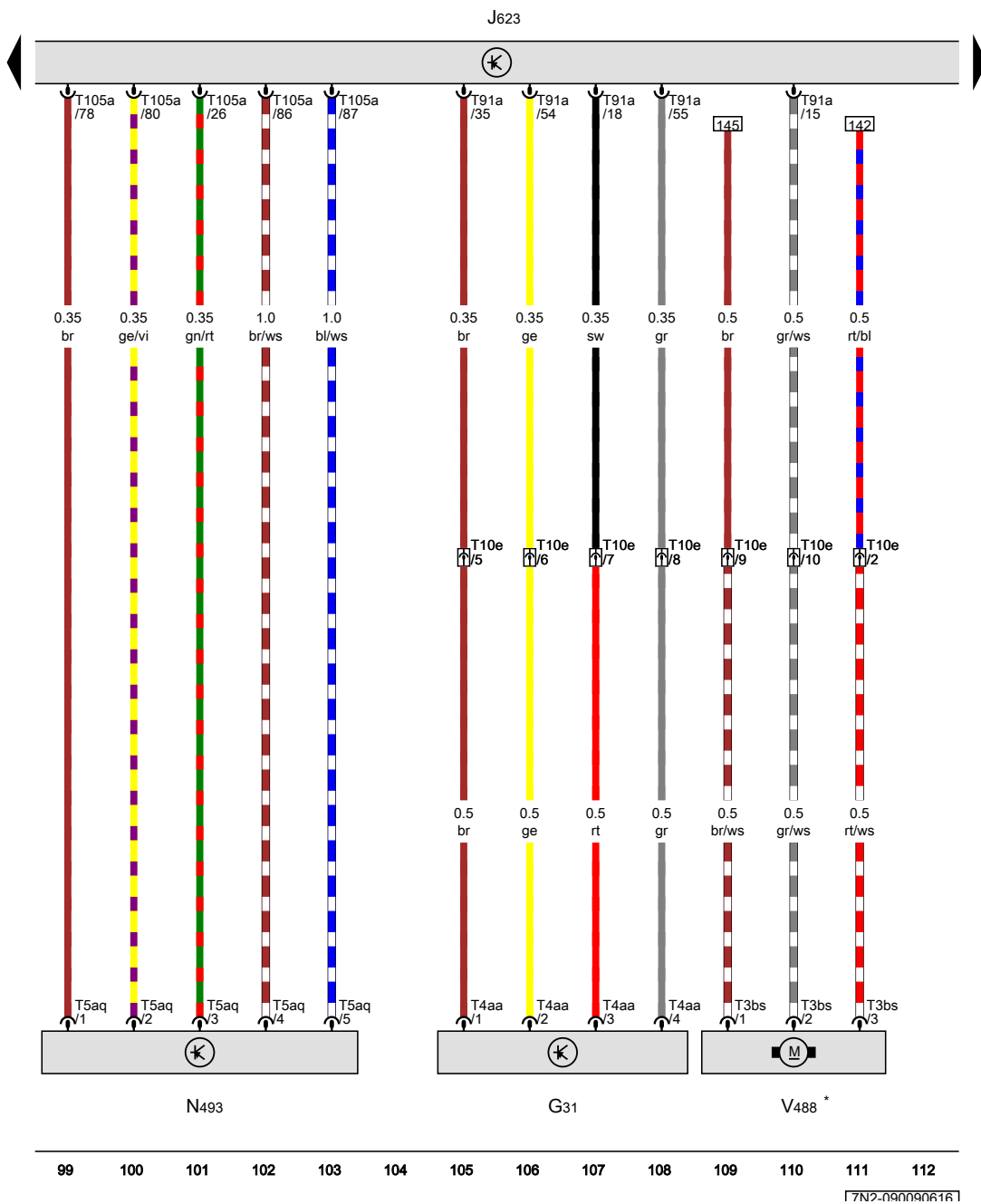


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**Power steering control unit, Engine control unit,
Mechatronic unit for dual clutch gearbox**

- J500 Power steering control unit
- J623 Engine control unit
- J743 Mechatronic unit for dual clutch gearbox
- T3a 3-pin connector, black
- T4f 4-pin connector, black
- T6g 6-pin connector, black
- T14b 14-pin connector, grey
- T20 20-pin connector, black
- T91a 91-pin connector, black
- D136 Positive connection 2 (15a), in engine compartment wiring harness
- * Radiator fan connection
- *2 see applicable current flow diagram for radiator fan

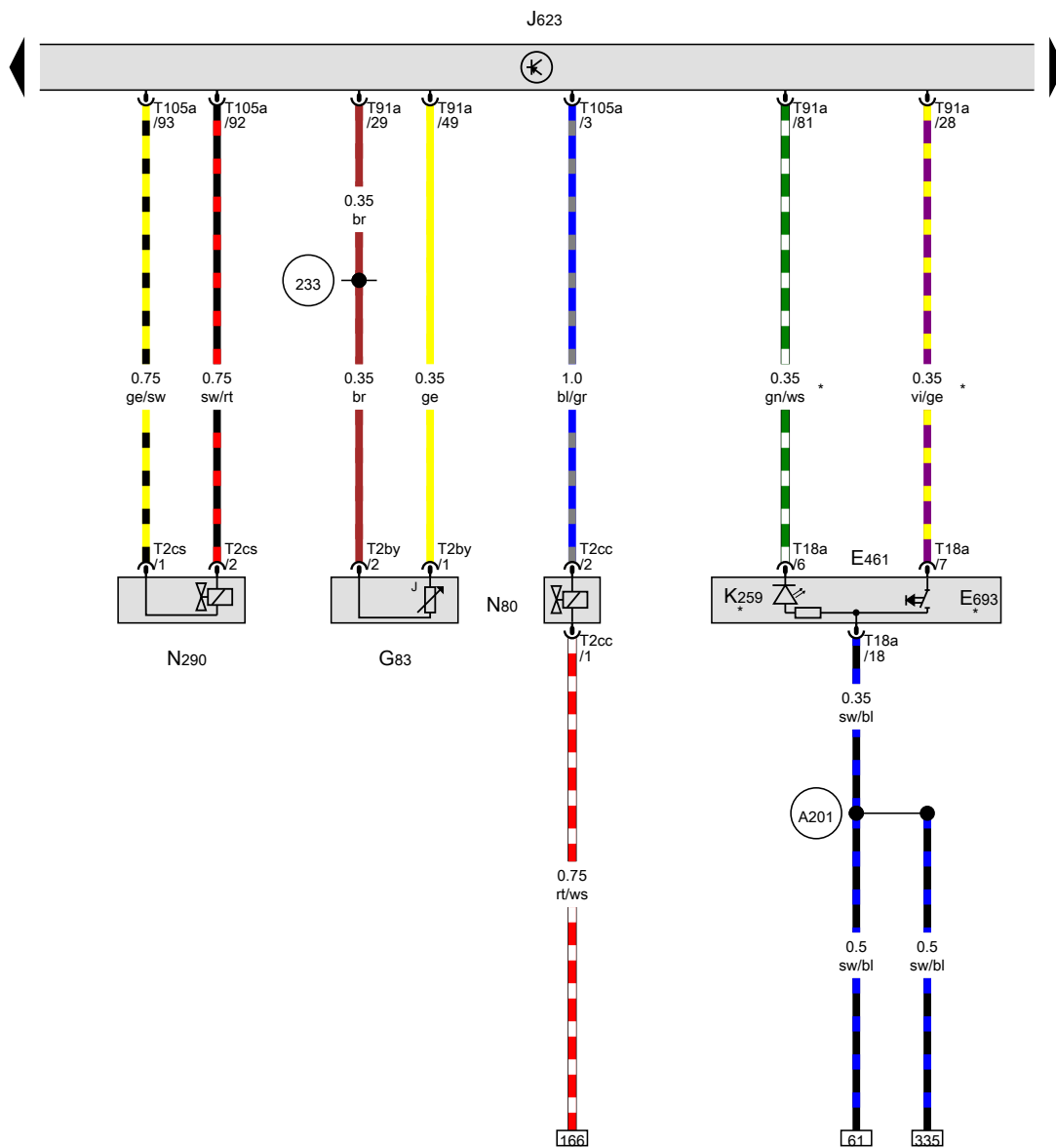
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Charge pressure sender, Engine control unit, Actuator for engine temperature regulation, Auxiliary pump for heating

- G31 Charge pressure sender
- J623 Engine control unit
- N493 Actuator for engine temperature regulation
- T3bs 3-pin connector, black
- T4aa 4-pin connector, black
- T5aq 5-pin connector, black
- T10e 10-pin connector, black
- T91a 91-pin connector, black
- T105a 105-pin connector, black
- V488 Auxiliary pump for heating
- * Only for countries with hot climate

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- gn = green
- bl = blue
- gr = grey
- li = purple
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Operating unit in front of centre console, Start/Stop operation button, Radiator outlet coolant temperature sender, Engine control unit, Activated charcoal filter solenoid valve 1, Fuel metering valve

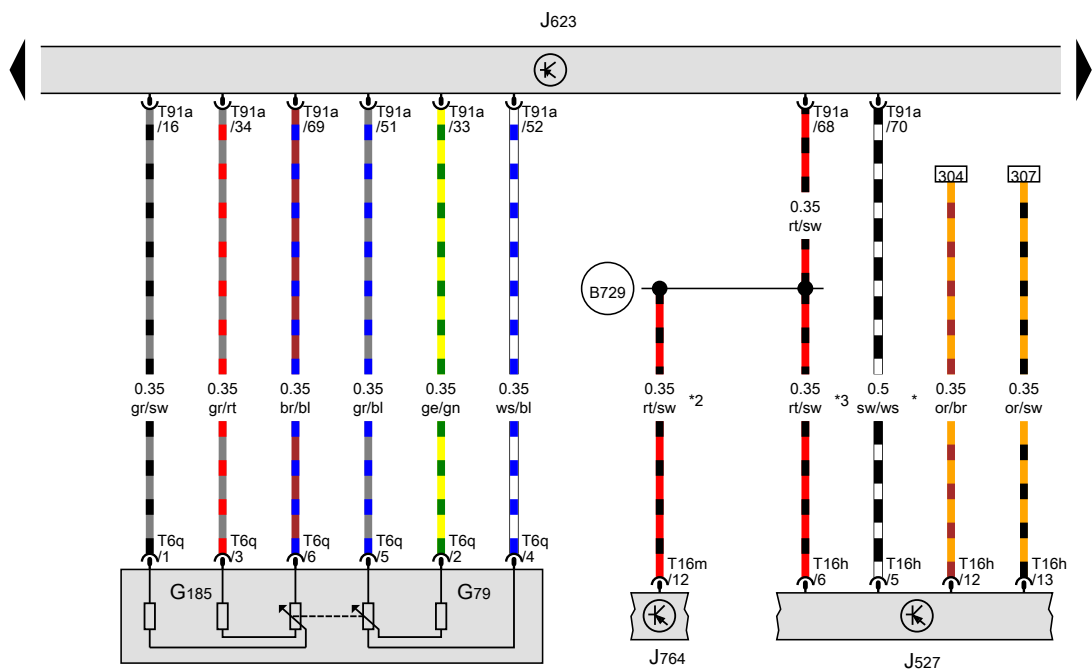
- E461 Operating unit in front of centre console, in centre console
- E693 Start/Stop operation button
- G83 Radiator outlet coolant temperature sender
- J623 Engine control unit
- K259 Start/Stop operation warning lamp
- N80 Activated charcoal filter solenoid valve 1
- N290 Fuel metering valve
- T2by 2-pin connector, black
- T2cc 2-pin connector, black
- T2cs 2-pin connector, black
- T18a 18-pin connector, colourless
- T91a 91-pin connector, black
- T105a 105-pin connector, black

233 Earth connection (sender earth) in Climatron/radiator fan wiring harness

A201 Positive connection 6 (15a) in dash panel wiring harness

* According to equipment

- ws = white
- sw = black
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- li = purple
- vi = purple
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- or = orange
- rs = pink

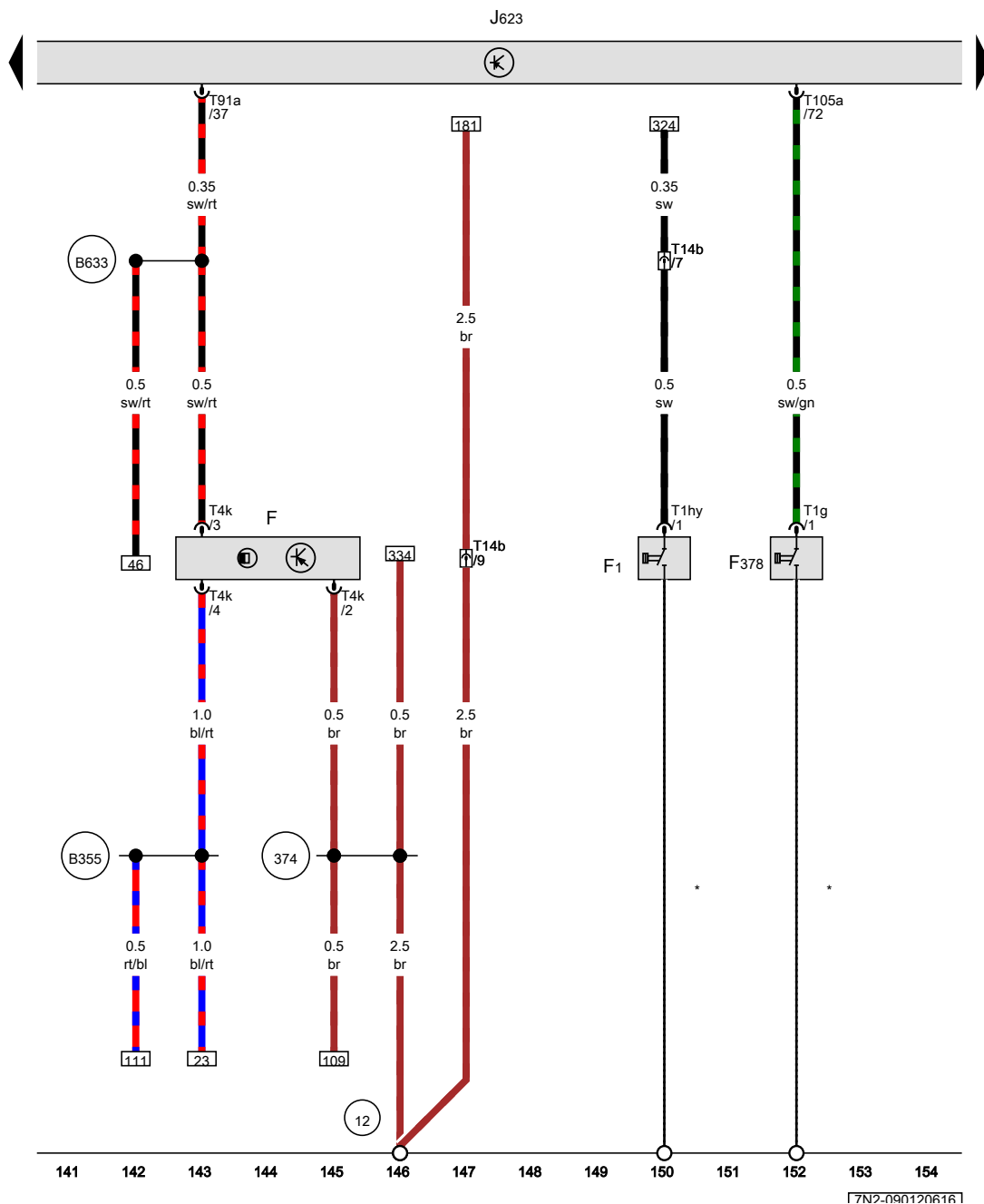


Accelerator pedal module, Steering column electronics control unit, Engine control unit, Control unit for electronic steering column lock

- GX2 Accelerator pedal module
- G79 Accelerator position sender
- G185 Accelerator position sender 2
- J527 Steering column electronics control unit
- J623 Engine control unit
- J764 Control unit for electronic steering column lock
- T6q 6-pin connector, black
- T16h 16-pin connector, black
- T16m 16-pin connector, black
- T91a 91-pin connector, black

B729 Connection 1 (50), in main 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

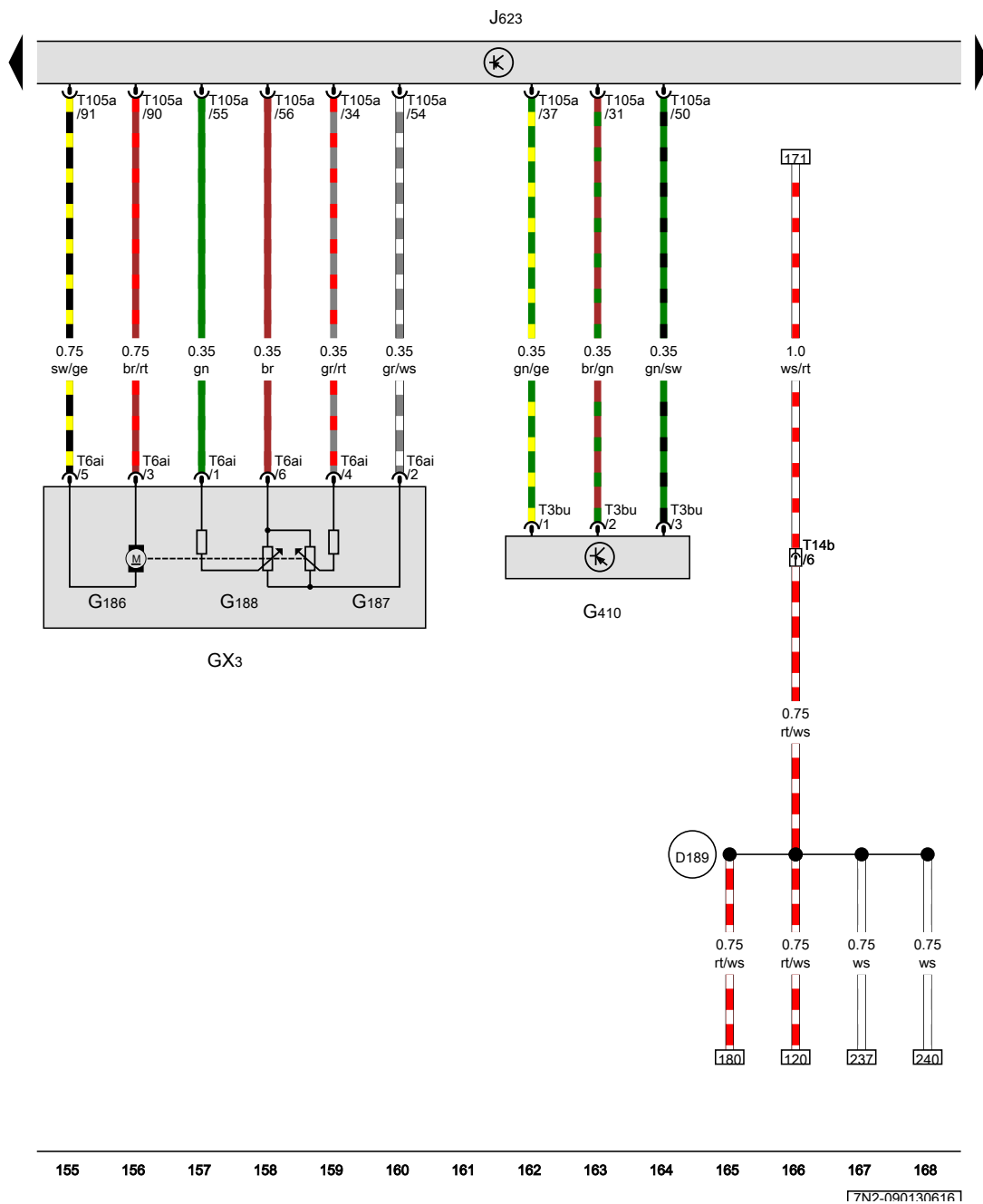


Brake light switch, Oil pressure switch, Oil pressure switch for reduced oil pressure, Engine control unit

- F Brake light switch
- F1 Oil pressure switch
- F378 Oil pressure switch for reduced oil pressure
- J623 Engine control unit
- T1g Single connector, black
- T1hy Single connector, black
- T2ho 2-pin connector, black
- T2ke 2-pin connector, black
- T4k 4-pin connector, black
- T14b 14-pin connector, grey
- T91a 91-pin connector, black
- T105a 105-pin connector, black

- 12 Earth point, on left in engine compartment
- 374 Earth connection 9, in main wiring harness
- B355 Positive connection 6 (87a) in main wiring harness
- B633 Connection (brake pedal switch), in main wiring harness
- * Earth supply via housing

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

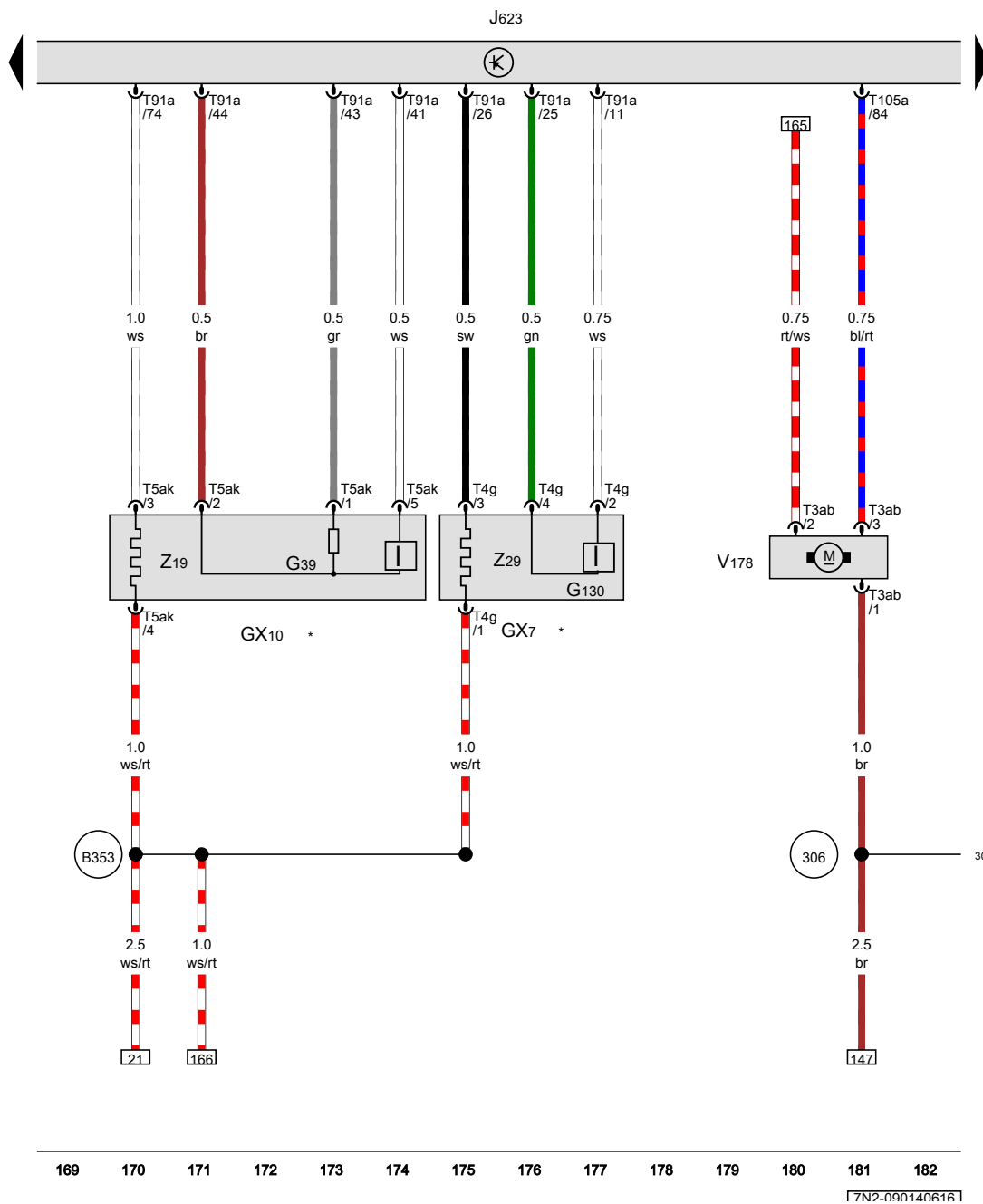


Throttle valve module, Fuel pressure sender for low pressure, Engine control unit

- 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
- G410 Fuel pressure sender for low pressure
- J623 Engine control unit
- T3bu 3-pin connector, black
- T6ai 6-pin connector, black
- T14b 14-pin connector, black
- T105a 105-pin connector, black

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

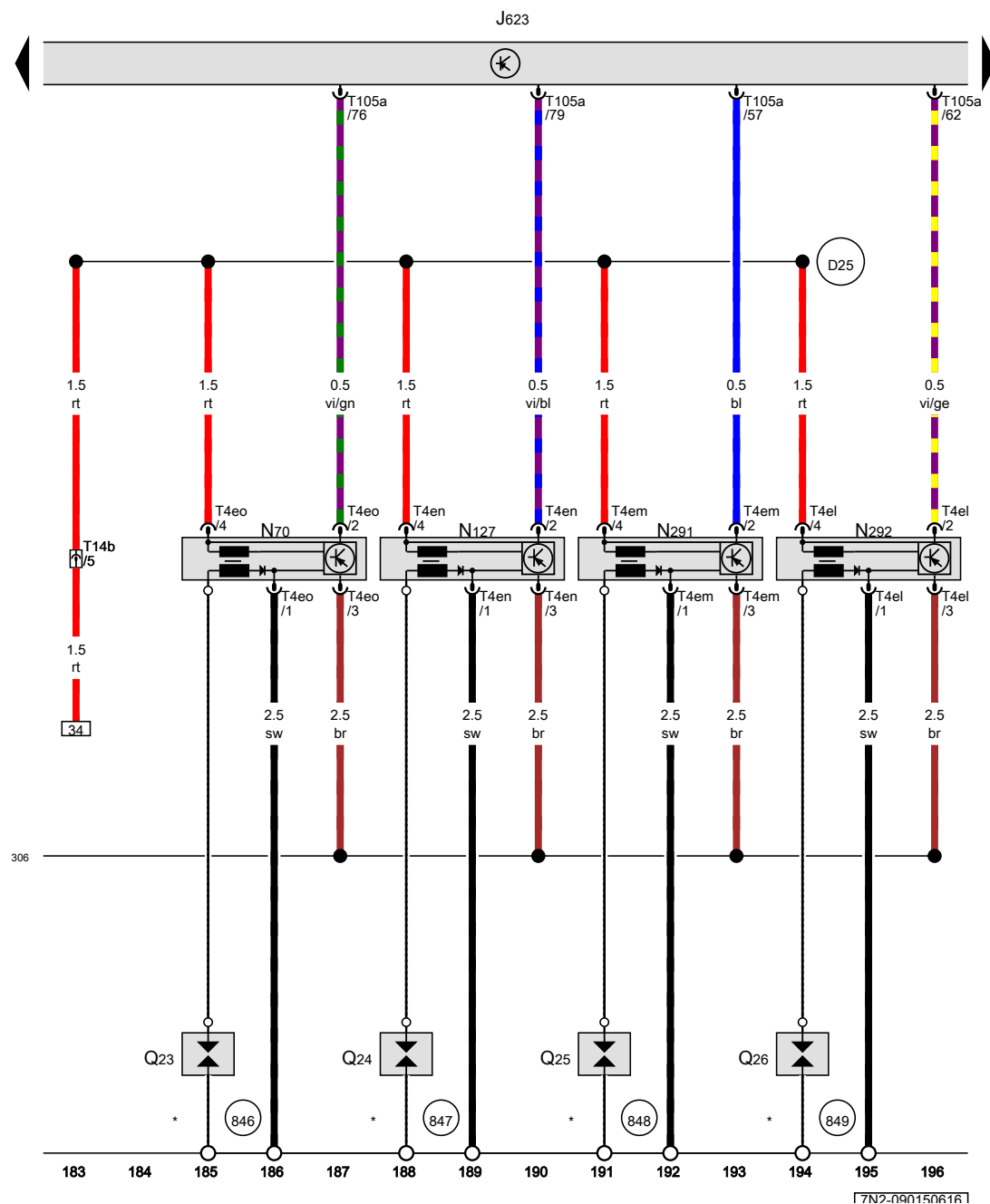


Lambda probe 1 after catalytic converter, Lambda probe 1 before catalytic converter, Lambda probe, Engine control unit, Coolant circulation pump 2

- 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 control unit
- T3ab 3-pin connector, black
- T4g 4-pin connector, black
- T5ak 5-pin connector, brown
- T91a 91-pin connector, black
- T105a 105-pin connector, black
- V178 Coolant circulation pump 2
- Z19 Lambda probe heater
- Z29 Lambda probe 1 heater after catalytic converter

- 306 Earth connection (ignition coils), in engine prewiring harness
- B353 Positive connection 4 (87a) in main wiring harness
- * Pre-wired component

ws = white
 sw = black
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 rt = red
 br = brown
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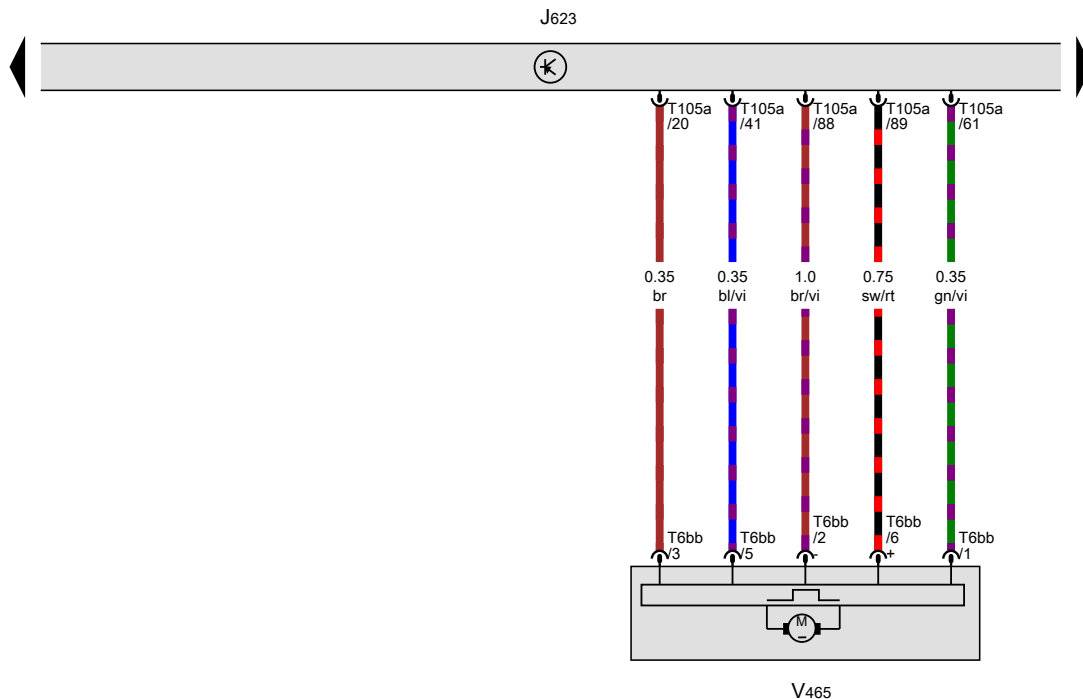
Engine control unit, Ignition coil 1 with output stage, Ignition coil 2 with output stage, Ignition coil 3 with output stage, Ignition coil 4 with output stage

- 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
- Q23 Spark plug 1
- Q24 Spark plug 2
- Q25 Spark plug 3
- Q26 Spark plug 4
- T4el 4-pin connector, black
- T4em 4-pin connector, black
- T4en 4-pin connector, black
- T4eo 4-pin connector, black
- T14b 14-pin connector, grey
- T105a 105-pin connector, black

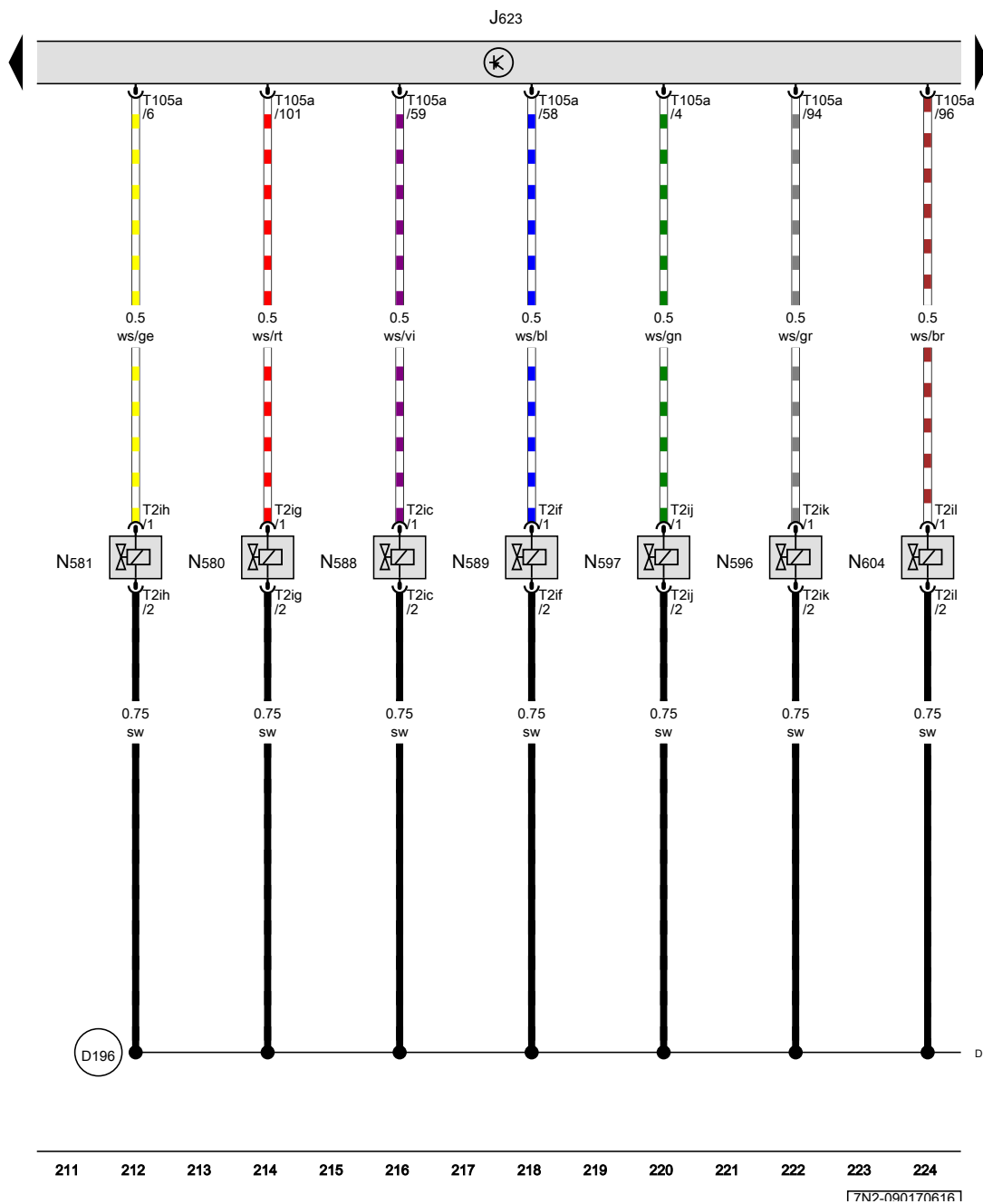
- 306 Earth connection (ignition coils), in engine prewiring harness
- 846 Earth point on ignition coil 1
- 847 Earth point on ignition coil 2
- 848 Earth point on ignition coil 3
- 849 Earth point on ignition coil 4
- D25 Positive connection (15), in engine prewiring harness
- * Earth supply via housing

Engine control unit, Charge pressure positioner

J623 Engine control unit
T6bb 6-pin connector, grey
T105a 105-pin connector, black
V465 Charge pressure positioner

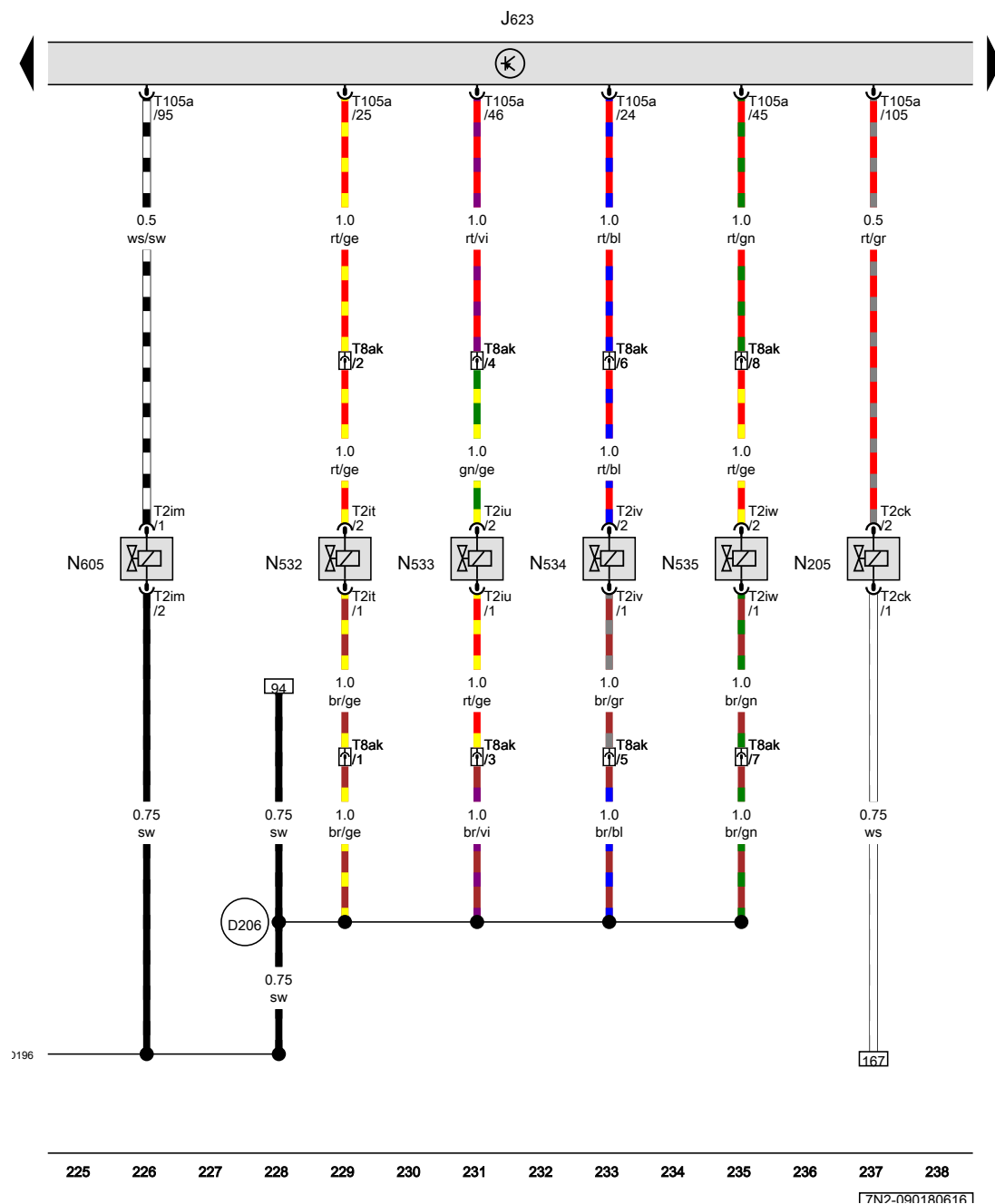


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Engine control unit, Exhaust cam actuator A for cylinder 1, Exhaust cam actuator B for cylinder 1, Exhaust cam actuator A for cylinder 2, Exhaust cam actuator B for cylinder 2, Exhaust cam actuator A for cylinder 3, Exhaust cam actuator B for cylinder 3, Exhaust cam actuator A for cylinder 4

- J623 Engine control unit
- N580 Exhaust cam actuator A for cylinder 1
- N581 Exhaust cam actuator B for cylinder 1
- N588 Exhaust cam actuator A for cylinder 2
- N589 Exhaust cam actuator B for cylinder 2
- N596 Exhaust cam actuator A for cylinder 3
- N597 Exhaust cam actuator B for cylinder 3
- N604 Exhaust cam actuator A for cylinder 4
- T2ic 2-pin connector, black
- T2if 2-pin connector, black
- T2ig 2-pin connector, black
- T2ih 2-pin connector, black
- T2ij 2-pin connector, black
- T2ik 2-pin connector, black
- T2il 2-pin connector, black
- T105a 105-pin connector, black
- D196 Connection 2 (87a) in engine prewiring harness

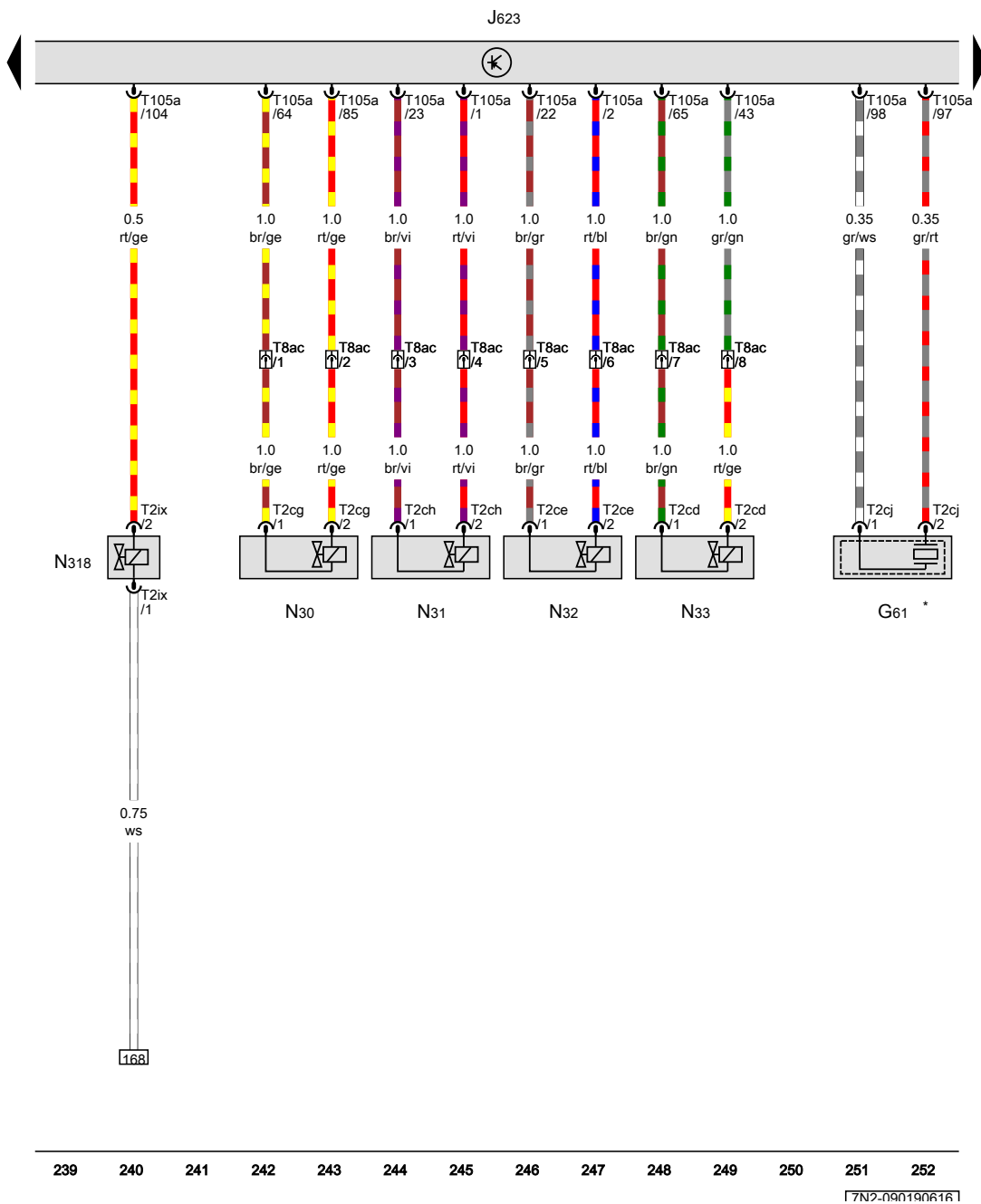


Engine control unit, Camshaft control valve 1, Injector 2, cylinder 1, Injector 2, cylinder 2, Injector 2, cylinder 3, Injector 2, cylinder 4, Exhaust cam actuator B for cylinder 4

- J623 Engine control unit
- N205 Camshaft control valve 1
- N532 Injector 2, cylinder 1
- N533 Injector 2, cylinder 2
- N534 Injector 2, cylinder 3
- N535 Injector 2, cylinder 4
- N605 Exhaust cam actuator B for cylinder 4
- T2ck 2-pin connector, black
- T2im 2-pin connector, black
- T2it 2-pin connector, black
- T2iu 2-pin connector, black
- T2iv 2-pin connector, black
- T2iw 2-pin connector, black
- T8ak 8-pin connector, on engine, black
- T105a 105-pin connector, black

D196 Connection 2 (87a) in engine prewiring harness

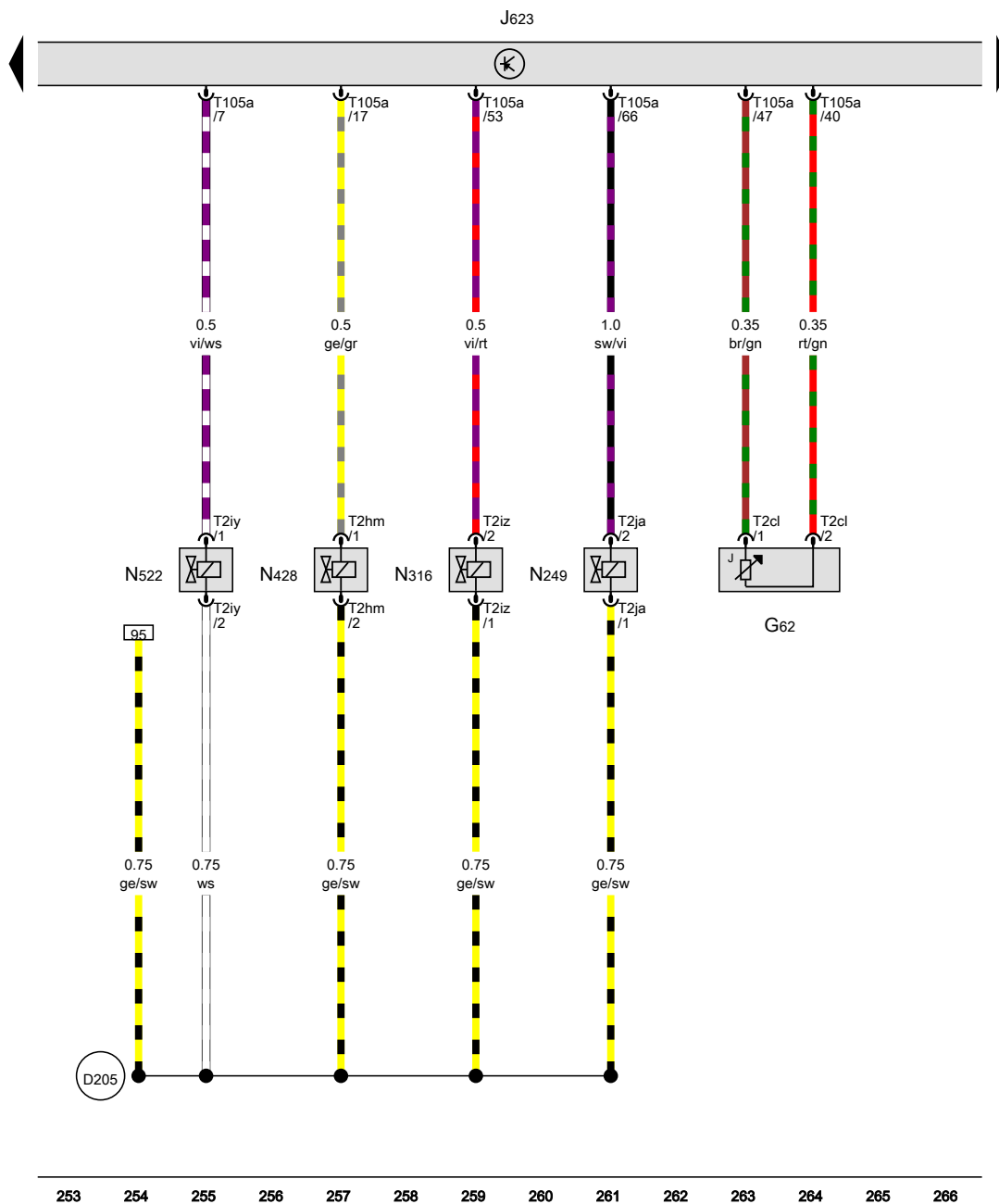
D206 Connection 4 (87a) in engine prewiring harness



Knock sensor 1, Engine control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4, Exhaust camshaft control valve 1

- G61 Knock sensor 1
- J623 Engine control unit
- N30 Injector, cylinder 1
- N31 Injector, cylinder 2
- N32 Injector, cylinder 3
- N33 Injector, cylinder 4
- N318 Exhaust camshaft control valve 1
- T2cd 2-pin connector, black
- T2ce 2-pin connector, black
- T2cg 2-pin connector, black
- T2ch 2-pin connector, black
- T2cj 2-pin connector, black
- T2ix 2-pin connector, black
- T8ac 8-pin connector, on engine, black
- T105a 105-pin connector, black
- * Pre-wired component

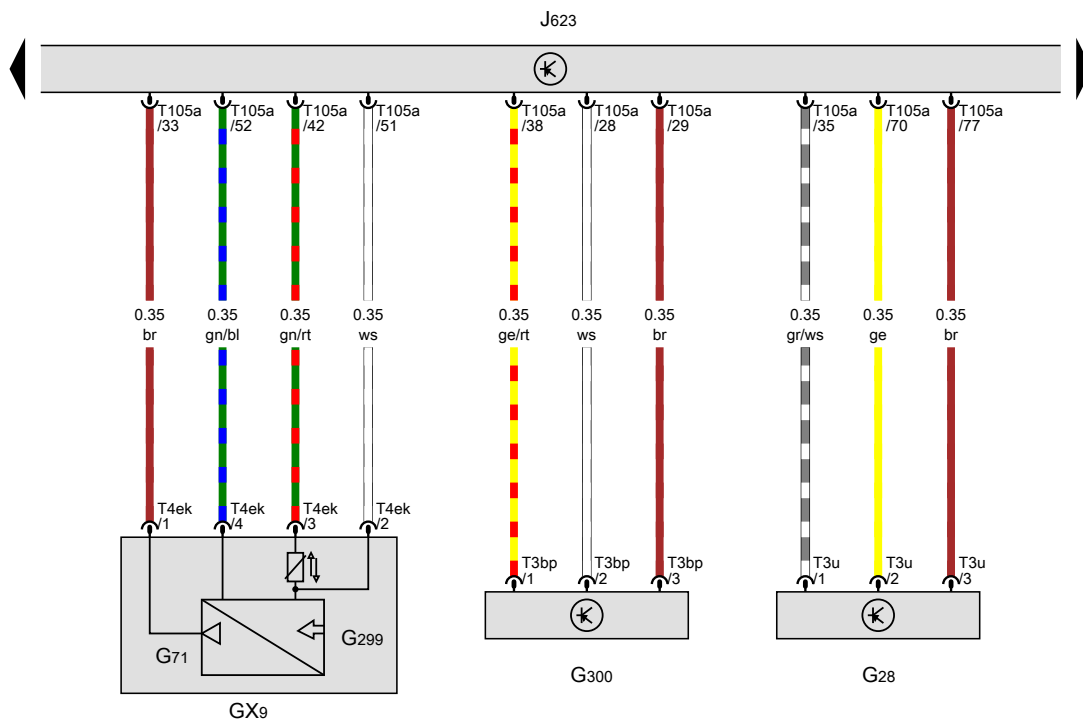
- ws = white
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Coolant temperature sender, Engine control unit, Turbocharger air recirculation valve, Intake manifold flap valve, Valve for oil pressure control, Piston cooling jet control valve

- G62 Coolant temperature sender
- 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
- T2cl 2-pin connector, black
- T2hm 2-pin connector, brown
- T2iy 2-pin connector, black
- T2iz 2-pin connector, black
- T2ja 2-pin connector, black
- T105a 105-pin connector, black
- D205 Connection 3 (87a) in engine prewiring harness

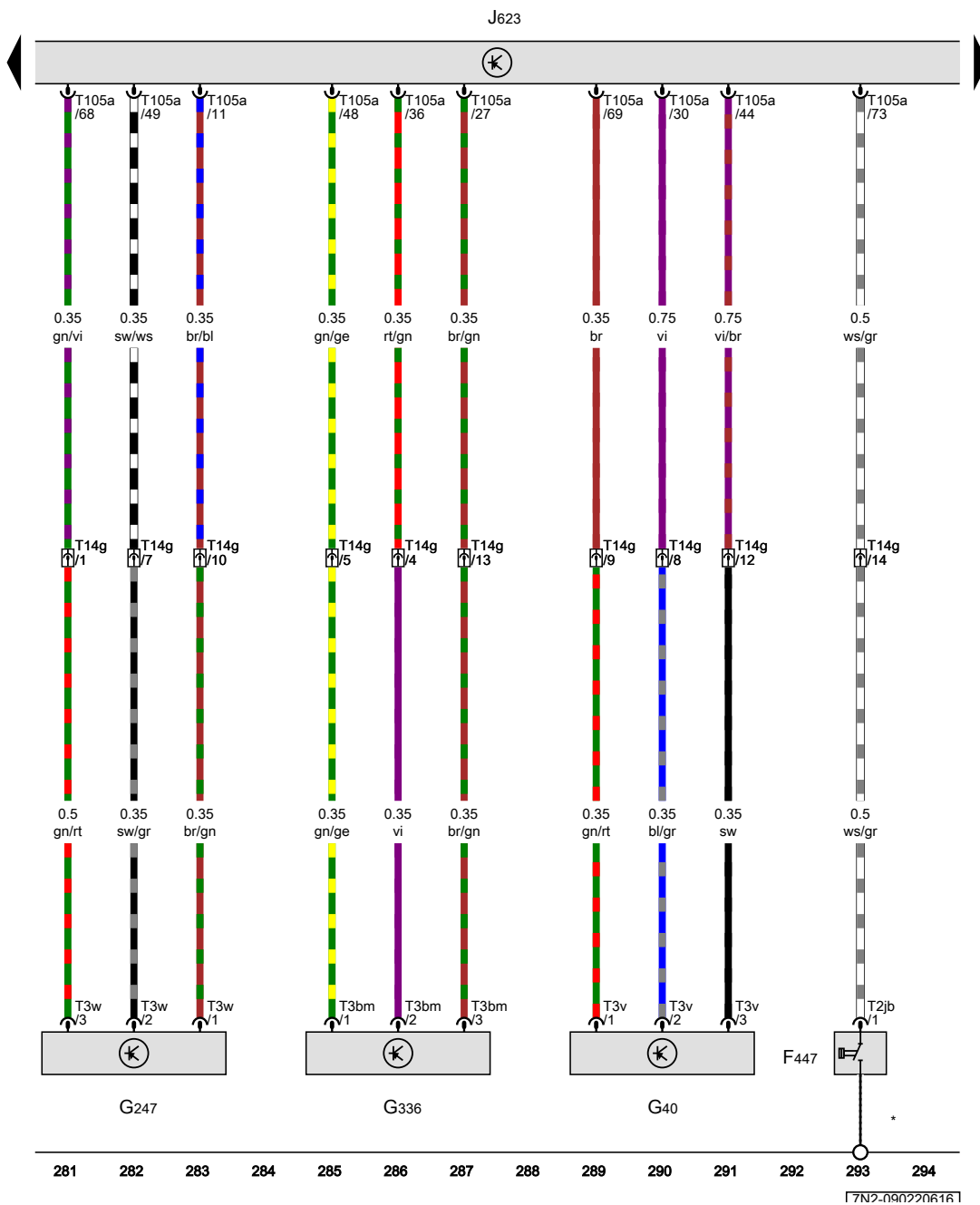
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Intake manifold sender, Engine speed sender, Hall sender 3, Engine control unit

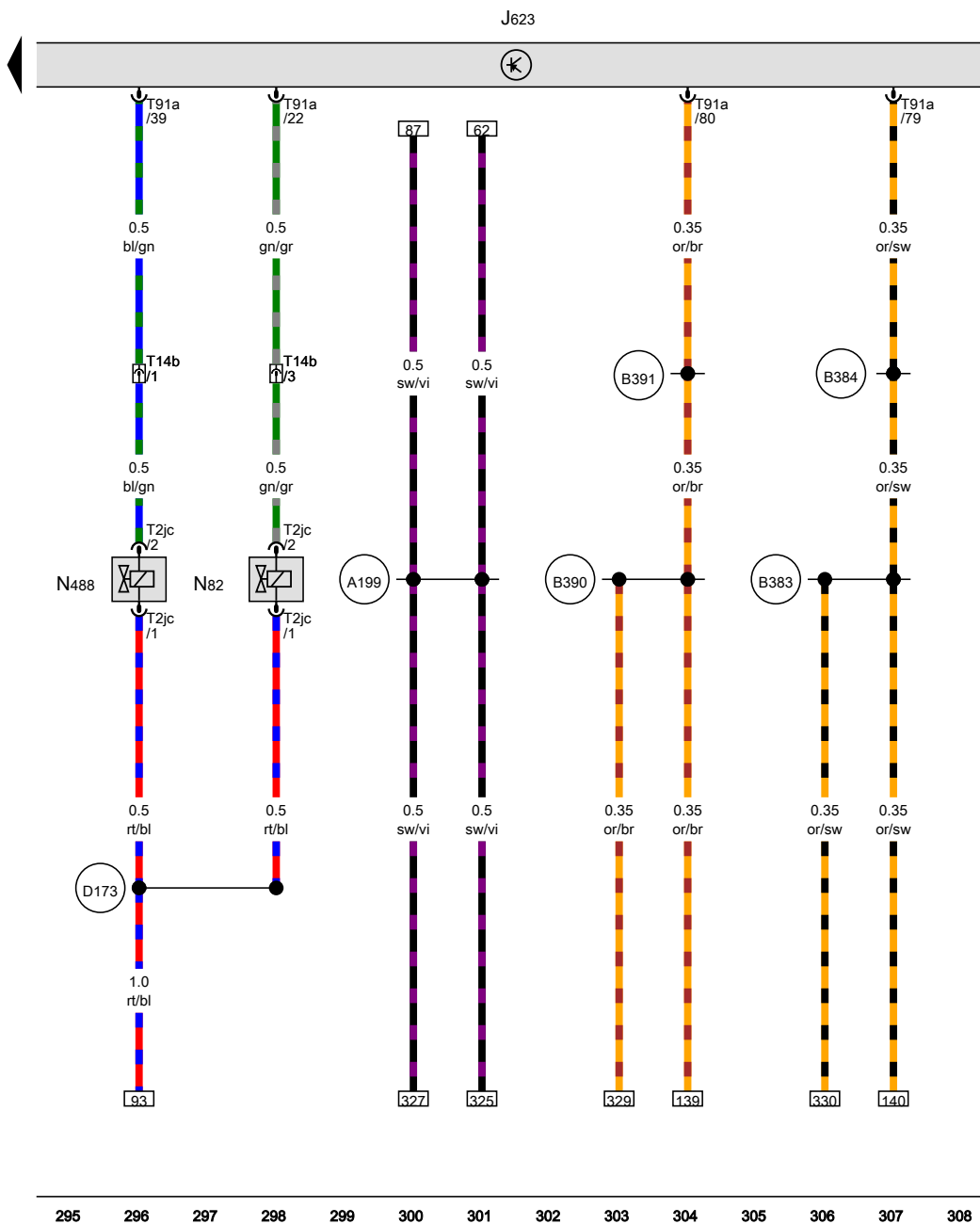
- GX9 Intake manifold sender
- G28 Engine speed sender
- G71 Intake manifold pressure sender
- G299 Intake air temperature sender 2
- G300 Hall sender 3
- J623 Engine control unit
- T3bp 3-pin connector, black
- T3u 3-pin connector, black
- T4ek 4-pin connector, black
- T105a 105-pin connector, black

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- sw = black
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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



Stage 3 oil pressure switch, Hall sender, Fuel pressure sender, Intake manifold flap potentiometer, Engine control unit

- F447 Stage 3 oil pressure switch
- G40 Hall sender
- G247 Fuel pressure sender
- G336 Intake manifold flap potentiometer
- J623 Engine control unit
- T2jb 2-pin connector, black
- T3bm 3-pin connector, black
- T3v 3-pin connector, black
- T3w 3-pin connector, black
- T14g 14-pin connector, black
- T105a 105-pin connector, black
- * Earth supply via housing



Engine control unit, Coolant shut-off valve, Coolant valve for gearbox

- J623 Engine control unit
- N82 Coolant shut-off valve
- N488 Coolant valve for gearbox
- T2jc 2-pin connector, black
- T14b 14-pin connector, black
- T91a 91-pin connector, black

- A199 Positive connection 4 (15a) in dash panel wiring harness
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B384 Connection 2 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- B391 Connection 2 (powertrain CAN bus, low), in main wiring harness
- D173 Connection (87), in engine prewiring harness

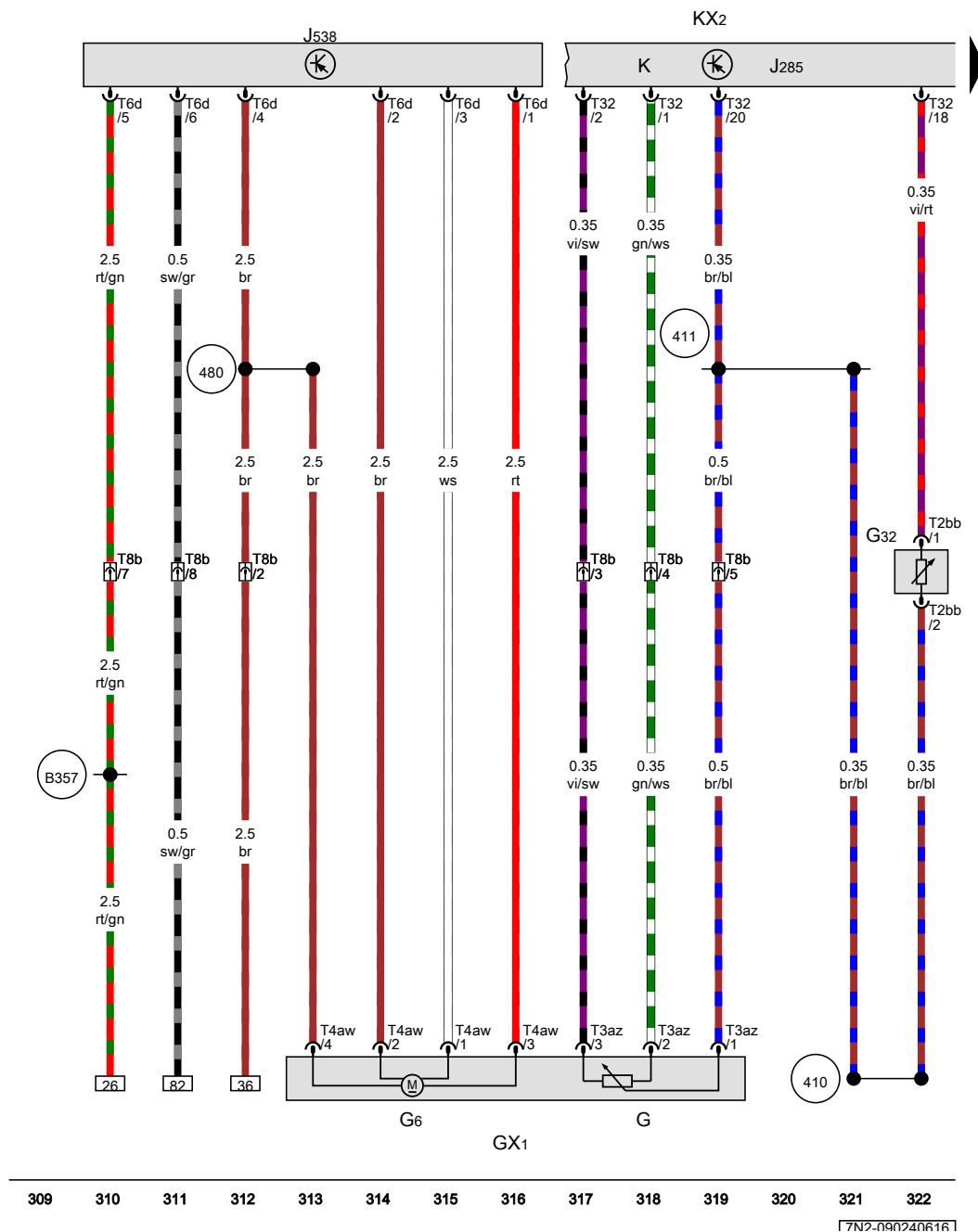
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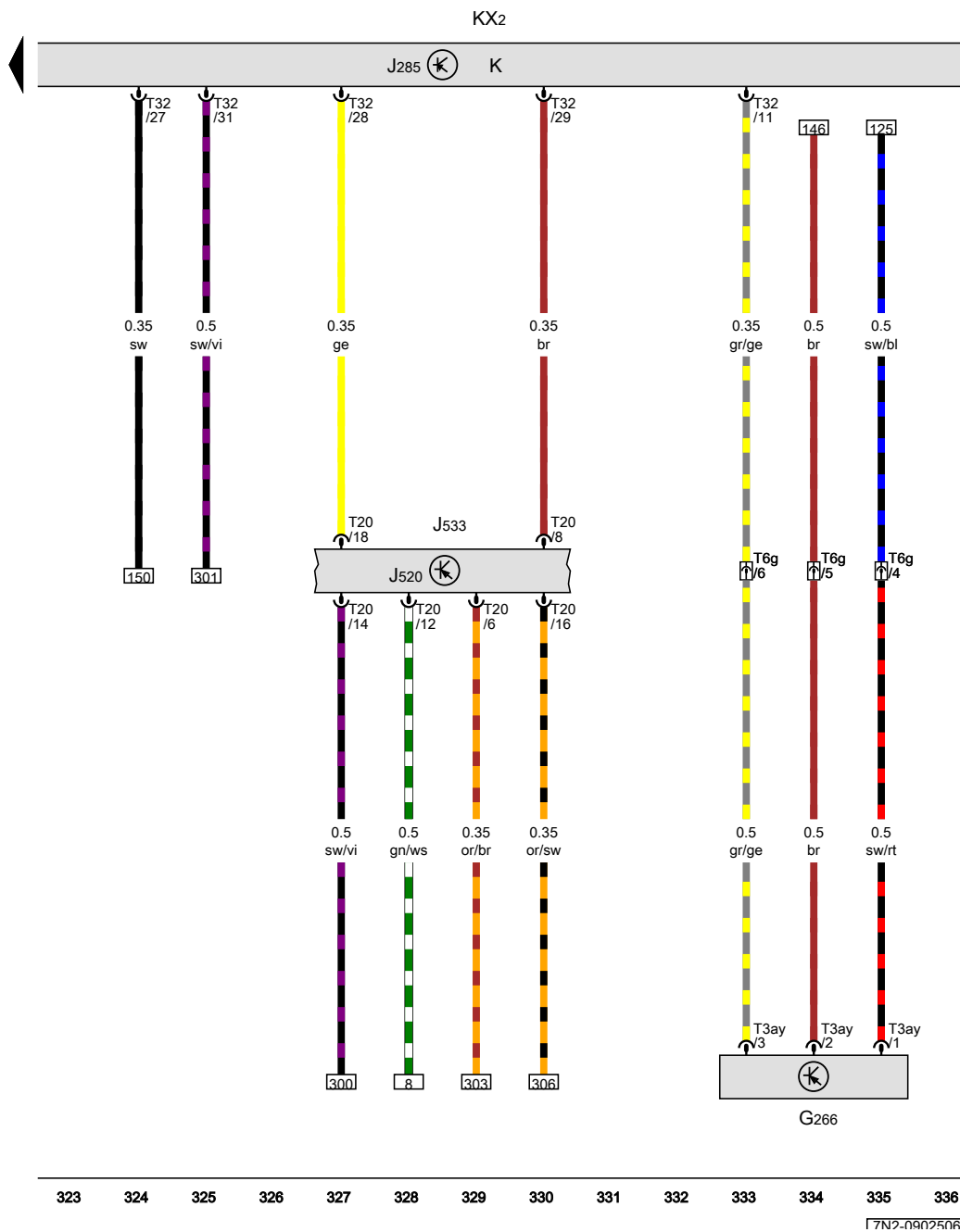
Fuel delivery unit, Coolant shortage indicator sender, Control unit in dash panel insert, Fuel pump control unit

- G Fuel gauge sender
- GX1 Fuel delivery unit
- G6 Fuel system pressurisation pump
- G32 Coolant shortage indicator sender
- J285 Control unit in dash panel insert
- J538 Fuel pump control unit
- K Dash panel insert
- KX2 Dash panel insert
- T2bb 2-pin connector, black
- T3az 3-pin connector, black
- T4aw 4-pin connector, black
- T6d 6-pin connector, black
- T8b 8-pin connector, black
- T32 32-pin connector, blue

- 410 Earth connection 1 (sender earth) in main wiring harness
- 411 Earth connection 2 (sender earth) in main wiring harness
- 480 Earth connection, in fuel tank wiring harness
- B357 Positive connection 8 (87a) 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





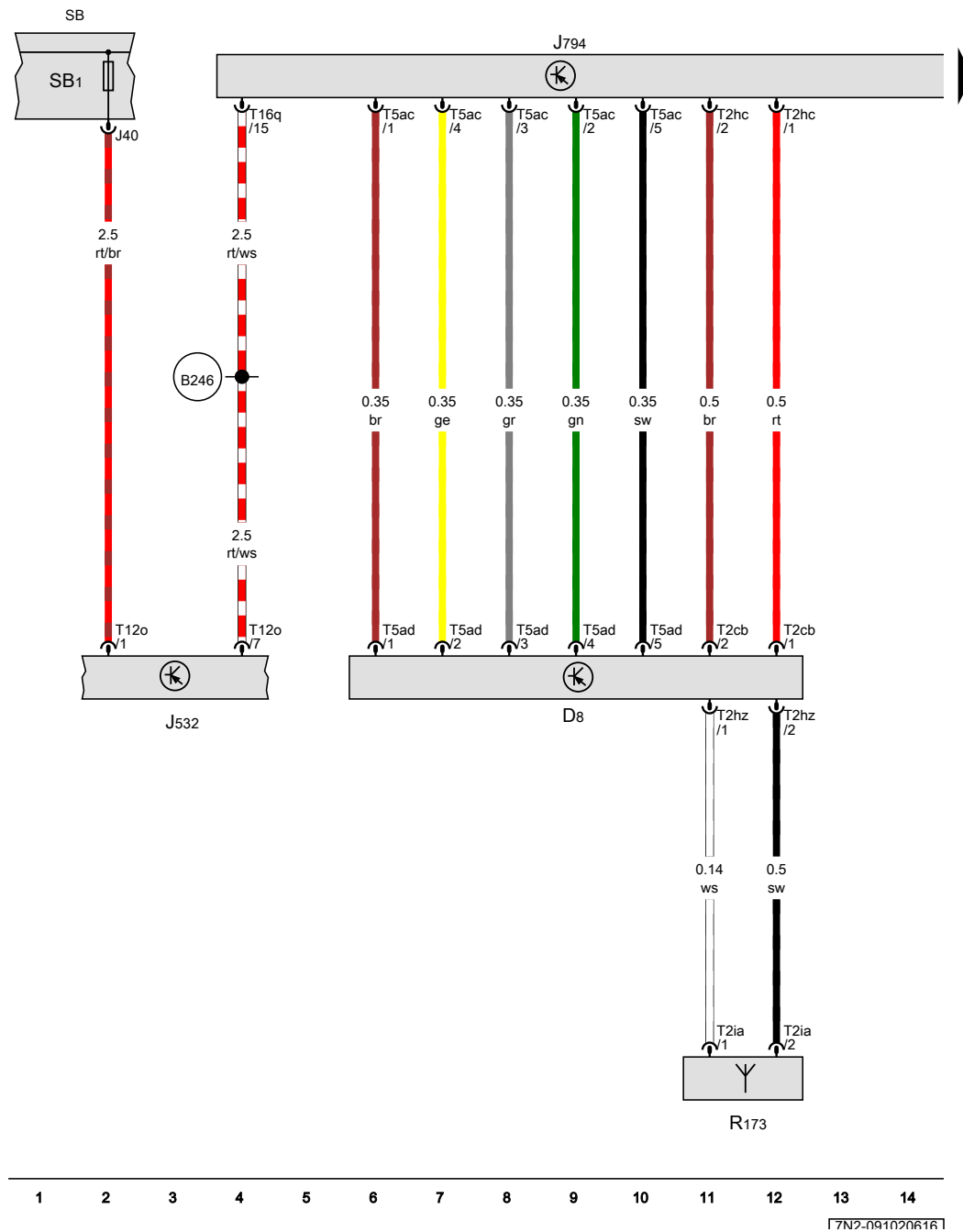
Oil level and oil temperature sender, Control unit in dash panel insert, Onboard supply control unit 2, Data bus diagnostic interface

- G266 Oil level and oil temperature sender
- J285 Control unit in dash panel insert
- J520 Onboard supply control unit 2
- J533 Data bus diagnostic interface
- K Dash panel insert
- KX2 Dash panel insert
- T3ay 3-pin connector, black
- T6g 6-pin connector, black
- T20 20-pin connector, red
- T32 32-pin connector, blue

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Multimedia system , (7UN)

From May 2015



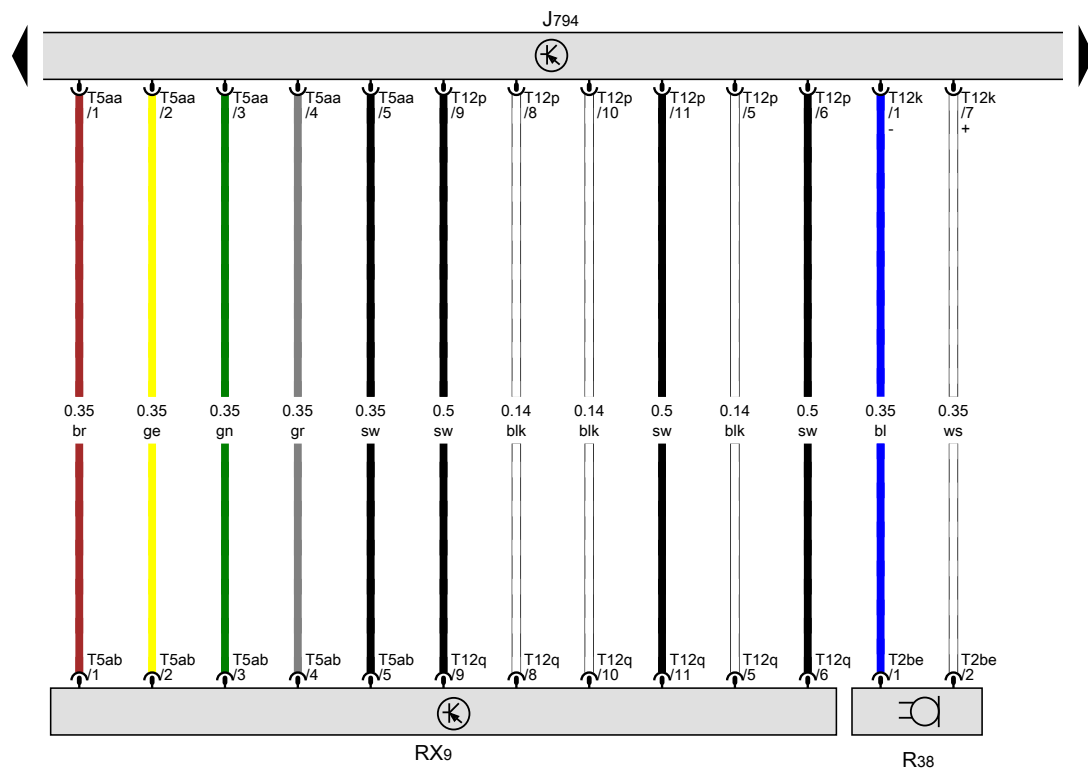
Chip card reader, Voltage stabiliser, Control unit 1 for information electronics, Traffic data aerial, Fuse holder B

- D8 Chip card reader
- J532 Voltage stabiliser
- J794 Control unit 1 for information electronics
- R173 Traffic data aerial
- SB Fuse holder B
- SB1 Fuse 1 on fuse holder B
- T2cb 2-pin connector, black
- T2hc 2-pin connector, black
- T2hz 2-pin connector, black
- T2ia 2-pin connector, black
- T5ac 5-pin connector, black
- T5ad 5-pin connector, black
- T12o 12-pin connector, black
- T16q 16-pin connector, black

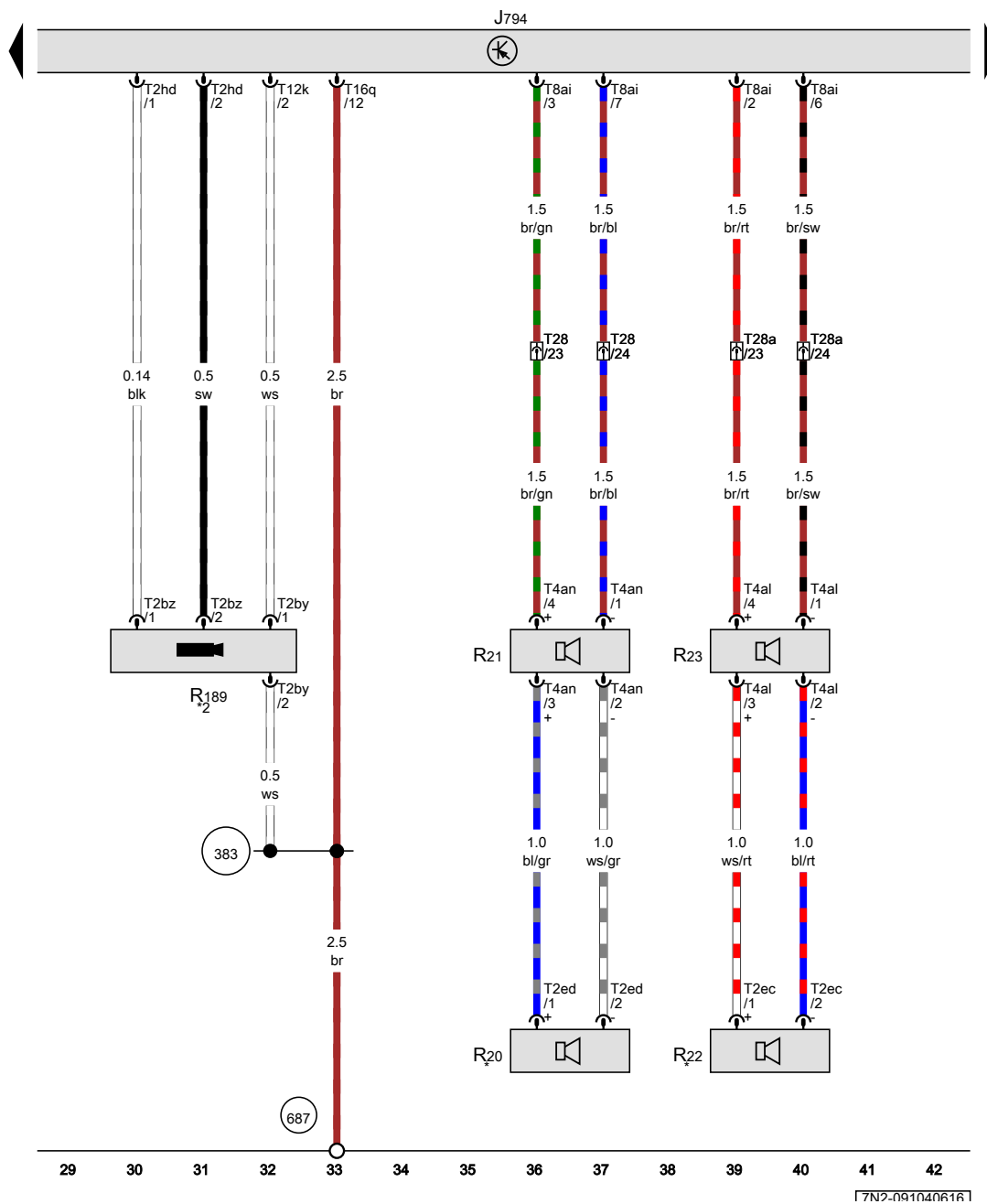
B246 Positive connection (30a, stabilised), in interior wiring harness

Control unit 1 for information electronics, Interface for external audio sources, Telephone microphone

- J794 Control unit 1 for information electronics
- RX9 Interface for external audio sources
- R38 Telephone microphone
- T2be 2-pin connector, black
- T5aa 5-pin connector, black
- T5ab 5-pin connector, black
- T12k 12-pin connector, green
- T12p 12-pin connector, black
- T12q 12-pin connector, black



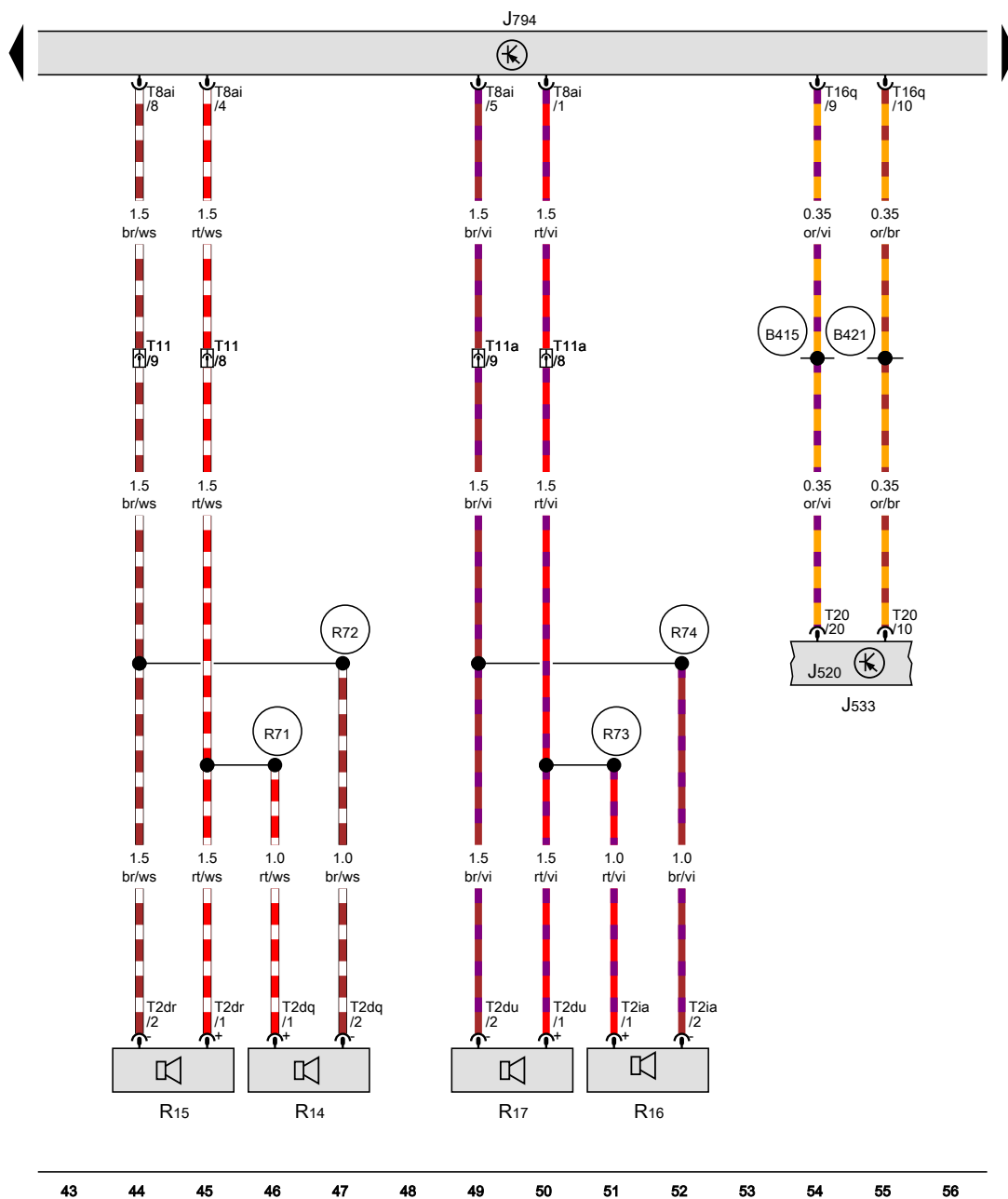
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
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- gr = grey
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- ge = yellow
- or = orange
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Control unit 1 for information electronics, Front left treble loudspeaker, Front left bass loudspeaker, Front right treble loudspeaker, Front right bass loudspeaker, Reversing camera

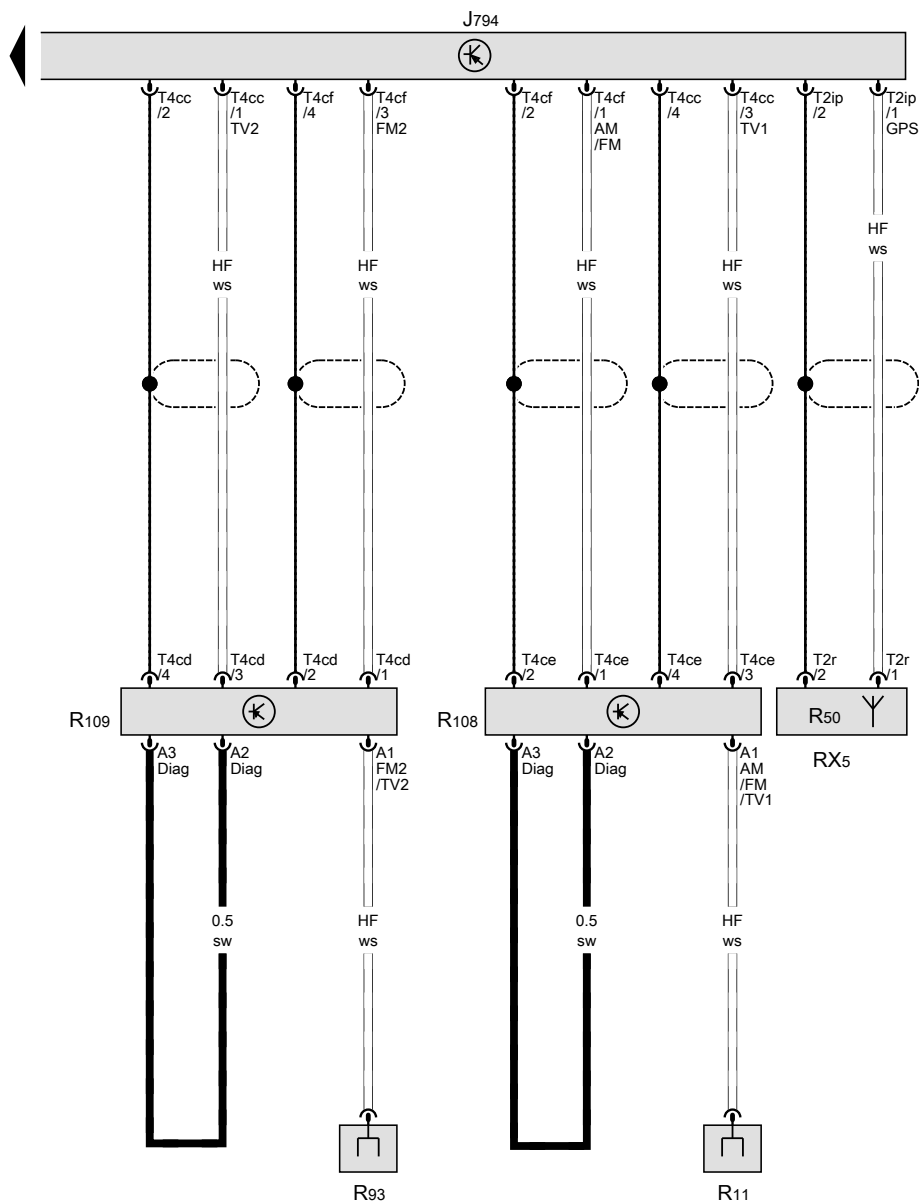
- J794 Control unit 1 for information electronics
- R20 Front left treble loudspeaker
- R21 Front left bass loudspeaker
- R22 Front right treble loudspeaker
- R23 Front right bass loudspeaker
- R189 Reversing camera
- T2by 2-pin connector, black
- T2bz 2-pin connector, grey
- T2ec 2-pin connector, black
- T2ed 2-pin connector, black
- T2hd 2-pin connector, light brown
- T4al 4-pin connector, black
- T4an 4-pin connector, black
- T8ai 8-pin connector, black
- T12k 12-pin connector, green
- T16q 16-pin connector, black
- T28 28-pin connector, black, on left A-pillar
- T28a 28-pin connector, black, on right A-pillar

- 383 Earth connection 18, in main wiring harness
- 687 Earth point 1, on centre tunnel
- * Pre-wired component
- *2 According to equipment



Data bus diagnostic interface, Control unit 1 for information electronics, Rear left treble loudspeaker, Rear left bass loudspeaker, Rear right treble loudspeaker, Rear right bass loudspeaker

- J520 Onboard supply control unit 2
- J533 Data bus diagnostic interface
- 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
- T2dq 2-pin connector, black
- T2dr 2-pin connector, black
- T2du 2-pin connector, black
- T2ia 2-pin connector, black
- T8ai 8-pin connector, black
- T11 11-pin connector, black, in rear left door
- T11a 11-pin connector, black, in rear right door
- T16q 16-pin connector, black
- T20 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
- 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

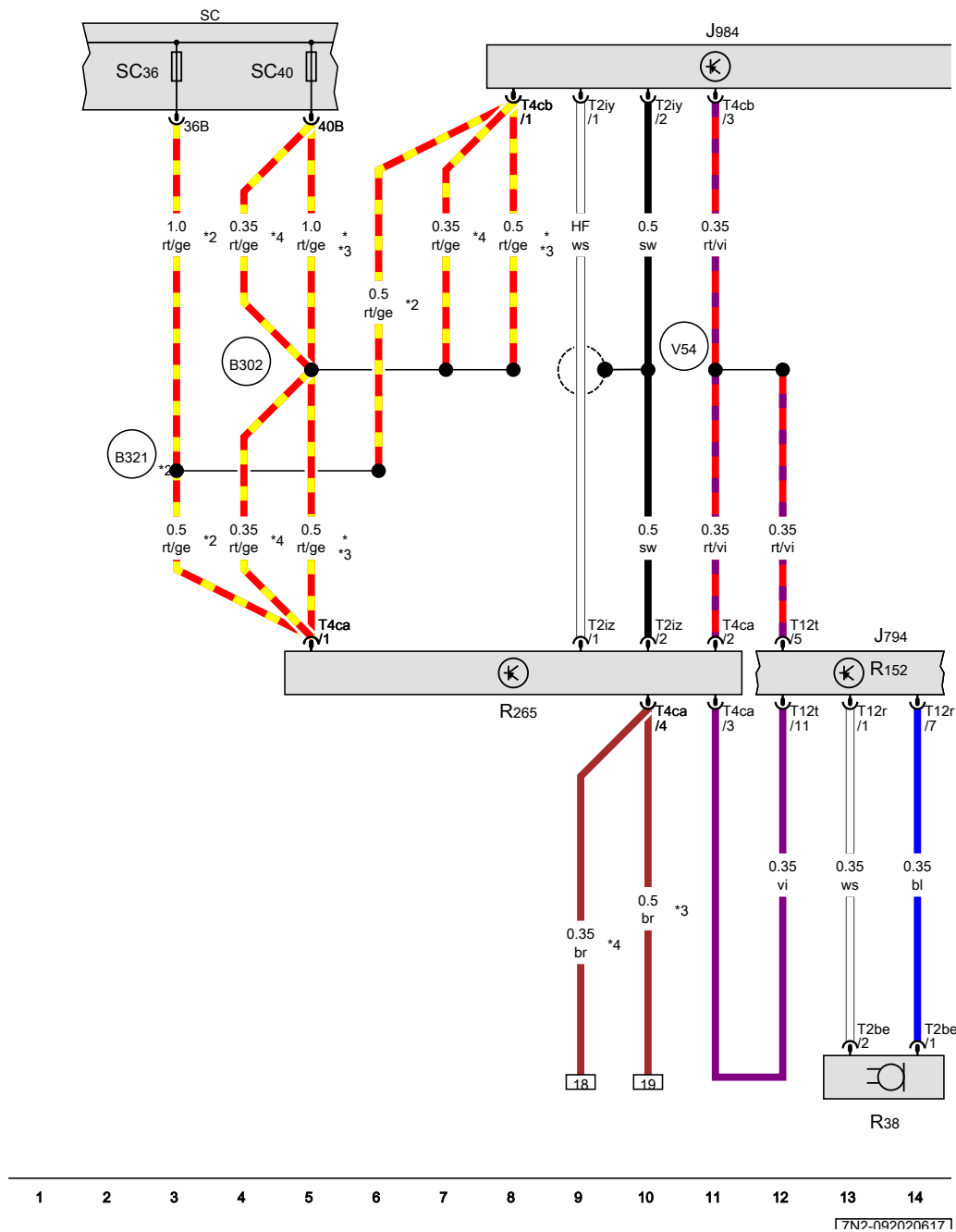


Control unit 1 for information electronics, Roof aerial, Aerial, GPS aerial, Radio aerial 2, Left aerial module, Right aerial module

- J794 Control unit 1 for information electronics
- RX5 Roof aerial
- R11 Aerial
- R50 GPS aerial
- R93 Radio aerial 2
- R108 Left aerial module
- R109 Right aerial module
- T2ip 2-pin connector, blue
- T2r 2-pin connector, blue
- T4cc 4-pin connector, white
- T4cd 4-pin connector, blue
- T4ce 4-pin connector, purple
- T4cf 4-pin connector, brown

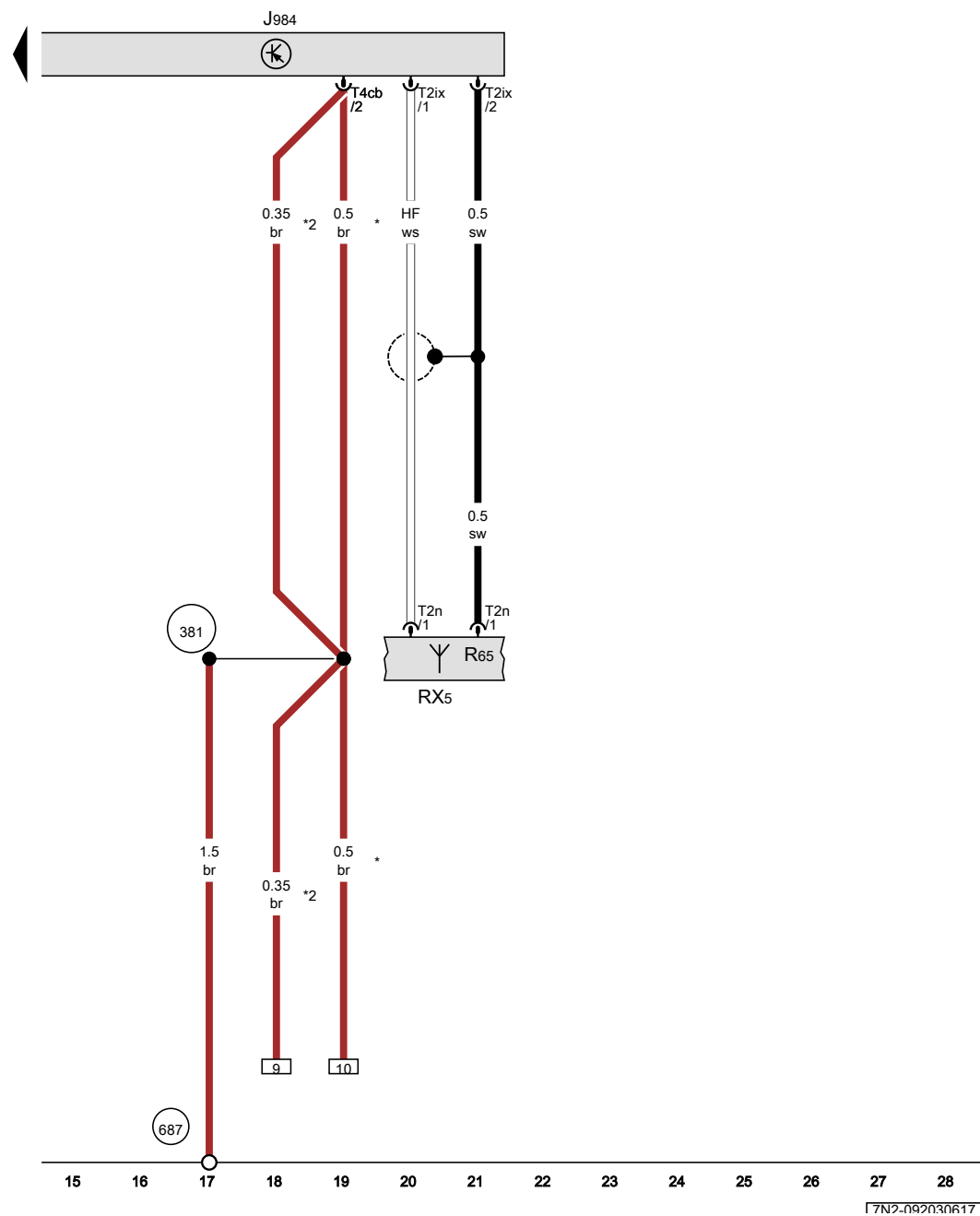
Mobile telephone systems , (9IF),(9ZE)

From May 2015



Control unit 1 for information electronics, Two-way signal amplifier for mobile telephone/data services, Telephone microphone, Storage compartment with interface for mobile telephone, Fuse holder C

- J794 Control unit 1 for information electronics
- J984 Two-way signal amplifier for mobile telephone/data services
- R38 Telephone microphone
- R152 Aerial for Bluetooth
- R265 Storage compartment with interface for mobile telephone
- SC Fuse holder C
- SC36 Fuse 36 on fuse holder C
- SC40 Fuse 40 on fuse holder C
- T2be 2-pin connector, black
- T2iy 2-pin connector, black
- T2iz 2-pin connector, purple
- T4ca 4-pin connector, brown
- T4cb 4-pin connector, black
- T12t 12-pin connector, blue
- T12r 12-pin connector, green, grey
- B302 Positive connection 6 (30), in main wiring harness
- B321 Positive connection 7 (30a) in main wiring harness
- V54 Connection 1 (telephone), in main wiring harness
- * From May 2016
- *2 Up to May 2016
- *3 Up to May 2017
- *4 From May 2017



Two-way signal amplifier for mobile telephone/data services, Roof aerial, Telephone aerial

- J984 Two-way signal amplifier for mobile telephone/data services
- RX5 Roof aerial
- R65 Telephone aerial
- T2ix 2-pin connector, purple
- T2n 2-pin connector, purple
- T4cb 4-pin connector, black

381 Earth connection 16, in main wiring harness

687 Earth point 1, on centre tunnel

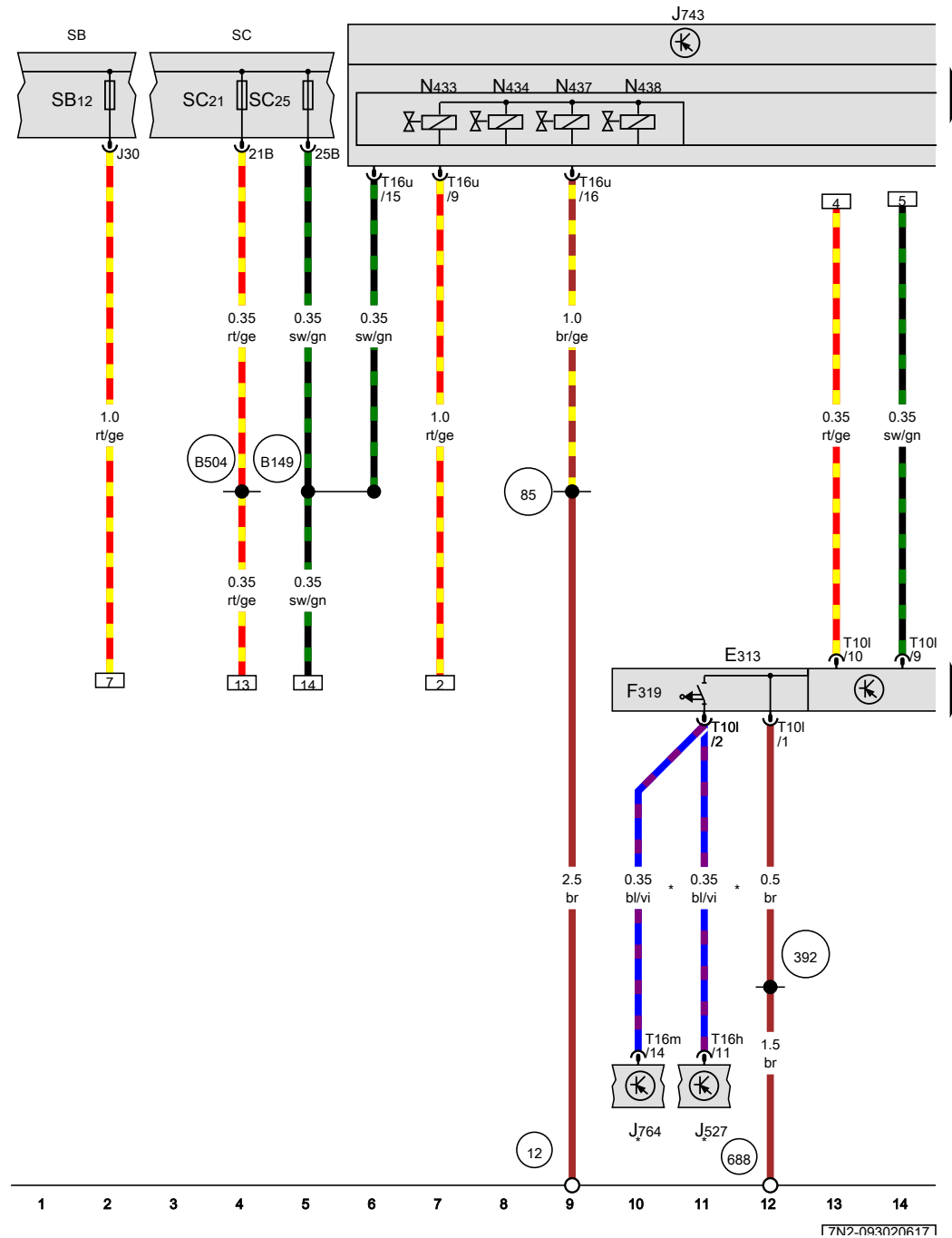
* Up to May 2017

*2 From May 2017

- ws = white
- sw = black
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Dual clutch gearbox (DSG) , (0EX)

From May 2016

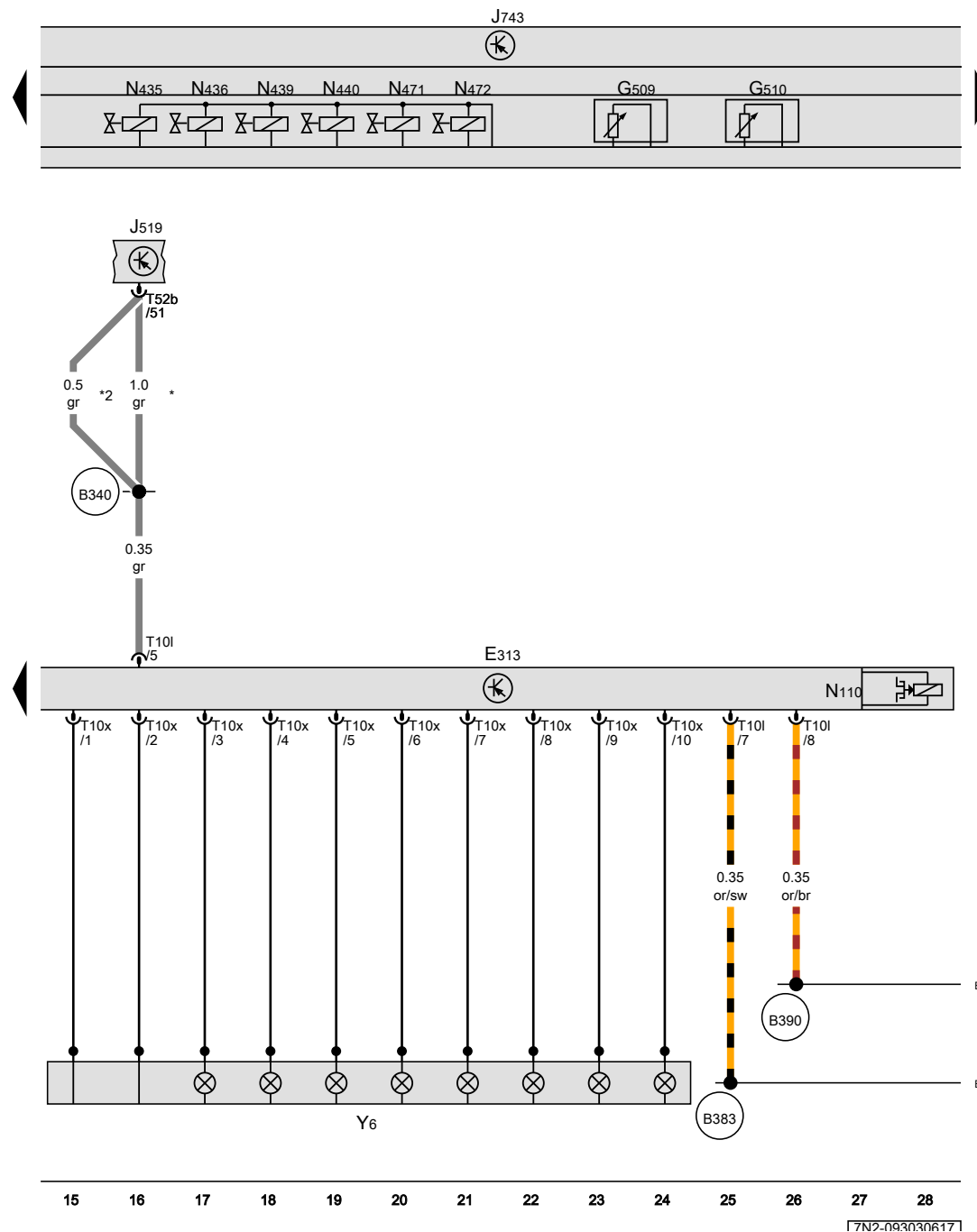


**Selector lever, Mechatronic unit for dual clutch gearbox,
Fuse holder B, Fuse holder C**

- E313 Selector lever
- F319 Selector lever locked in position P switch
- J527 Steering column electronics control unit
- J743 Mechatronic unit for dual clutch gearbox
- J764 Control unit for electronic steering column lock
- N433 Valve 1 in sub-gearbox 1
- N434 Valve 2 in sub-gearbox 1
- N437 Valve 1 in sub-gearbox 2
- N438 Valve 2 in sub-gearbox 2
- SB Fuse holder B
- SB12 Fuse 12 on fuse holder B
- SC Fuse holder C
- SC21 Fuse 21 on fuse holder C
- SC25 Fuse 25 on fuse holder C
- T10I 10-pin connector, black
- T16h 16-pin connector, black
- T16m 16-pin connector, black
- T16u 16-pin connector, black

- 12 Earth point, on left in engine compartment
- 85 Earth connection 1, in engine compartment wiring harness
- 392 Earth connection 27, in main wiring harness
- 688 Earth point 2, on centre tunnel
- B149 Positive connection 2 (15a), in interior wiring harness
- B504 Positive connection 8 (30a), in interior wiring harness
- * According to equipment

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- sw = black
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- gr = grey
- li = purple
- vi = purple
- ge = yellow
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Selector lever, Mechatronic unit for dual clutch gearbox, Selector lever lock solenoid, Selector lever position display

- E313 Selector lever
- G509 Clutch temperature sender
- G510 Temperature sender in control unit
- J519 Onboard supply control unit
- J743 Mechatronic unit for dual clutch gearbox
- N110 Selector lever lock solenoid
- N435 Valve 3 in sub-gearbox 1
- N436 Valve 4 in sub-gearbox 1
- N439 Valve 3 in sub-gearbox 2
- N440 Valve 4 in sub-gearbox 2
- N471 Cooling oil valve
- N472 Main pressure valve
- T10I 10-pin connector, black
- T10x 10-pin connector, black
- T52b 52-pin connector, colourless
- Y6 Selector lever position display

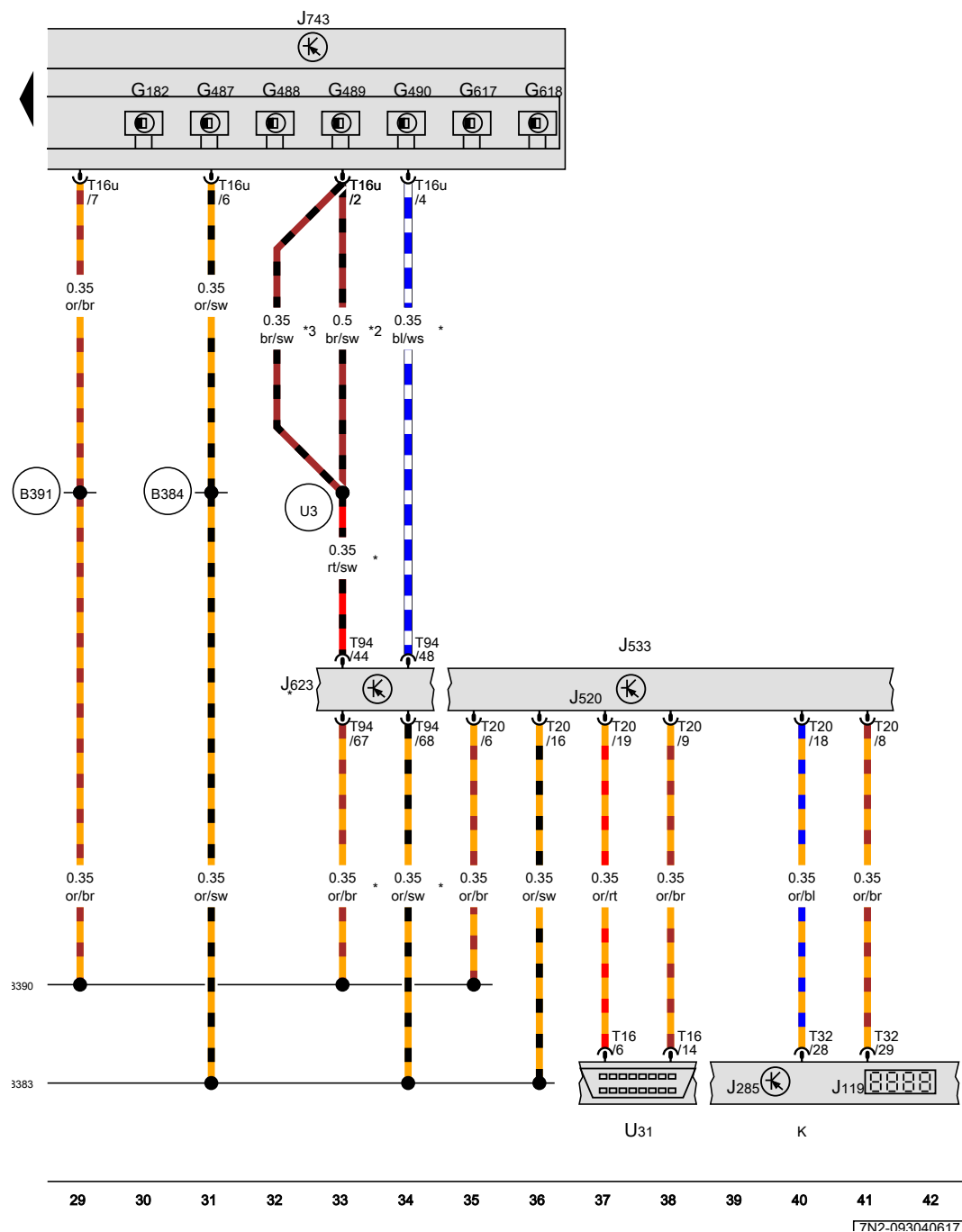
B340 Connection 1 (58d), in main wiring harness

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

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

* Up to May 2017

*2 From May 2017



Control unit in dash panel insert, Data bus diagnostic interface, Mechatronic unit for dual clutch gearbox, Diagnostic connection

- 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
- G617 Clutch travel sender 1
- G618 Clutch travel sender 2
- J119 Multifunction indicator
- J285 Control unit in dash panel insert
- J520 Onboard supply control unit 2
- J533 Data bus diagnostic interface
- J623 Engine/motor control unit
- J743 Mechatronic unit for dual clutch gearbox
- K Dash panel insert
- T16 16-pin connector, black
- T16u 16-pin connector, black
- T20 20-pin connector, red
- T32 32-pin connector, blue
- T94 94-pin connector, black
- U31 Diagnostic connection

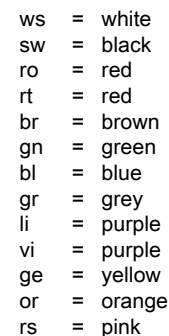
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B384 Connection 2 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- B391 Connection 2 (powertrain CAN bus, low), in main wiring harness
- U3 Connection 1, in automatic gearbox wiring harness

* see applicable current flow diagram for engine
 Up to May 2017
 *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

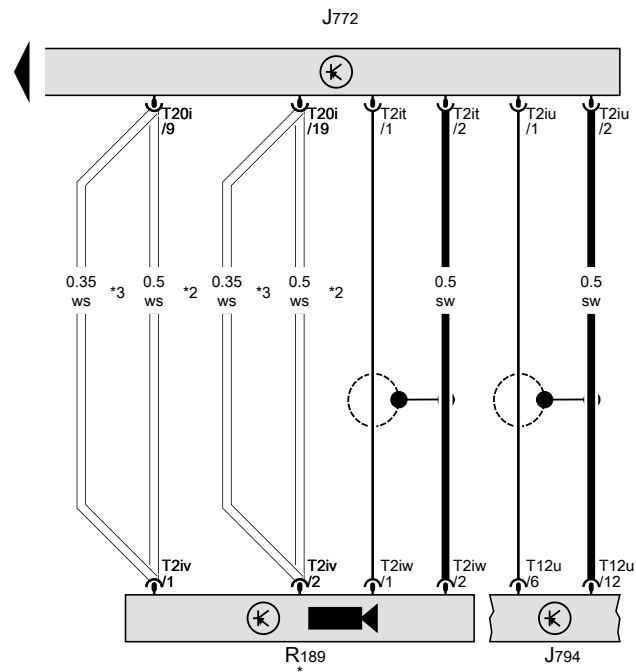
Reversing camera (Rear Assist) , (KA2)

From May 2015



J520	Onboard supply control unit 2
J533	Data bus diagnostic interface
J772	Reversing camera system control unit
SC	Fuse holder C
SC22	Fuse 22 on fuse holder C
T16	16-pin connector, black
T20	20-pin connector, red
T20i	20-pin connector, black
U31	Diagnostic connection

- | | |
|------|---|
| 389 | Earth connection 24, in main wiring harness |
| 687 | Earth point 1, on centre tunnel |
| B320 | Positive connection 6 (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 |
| * | From June 2016 |
| *2 | Up to June 2016 |



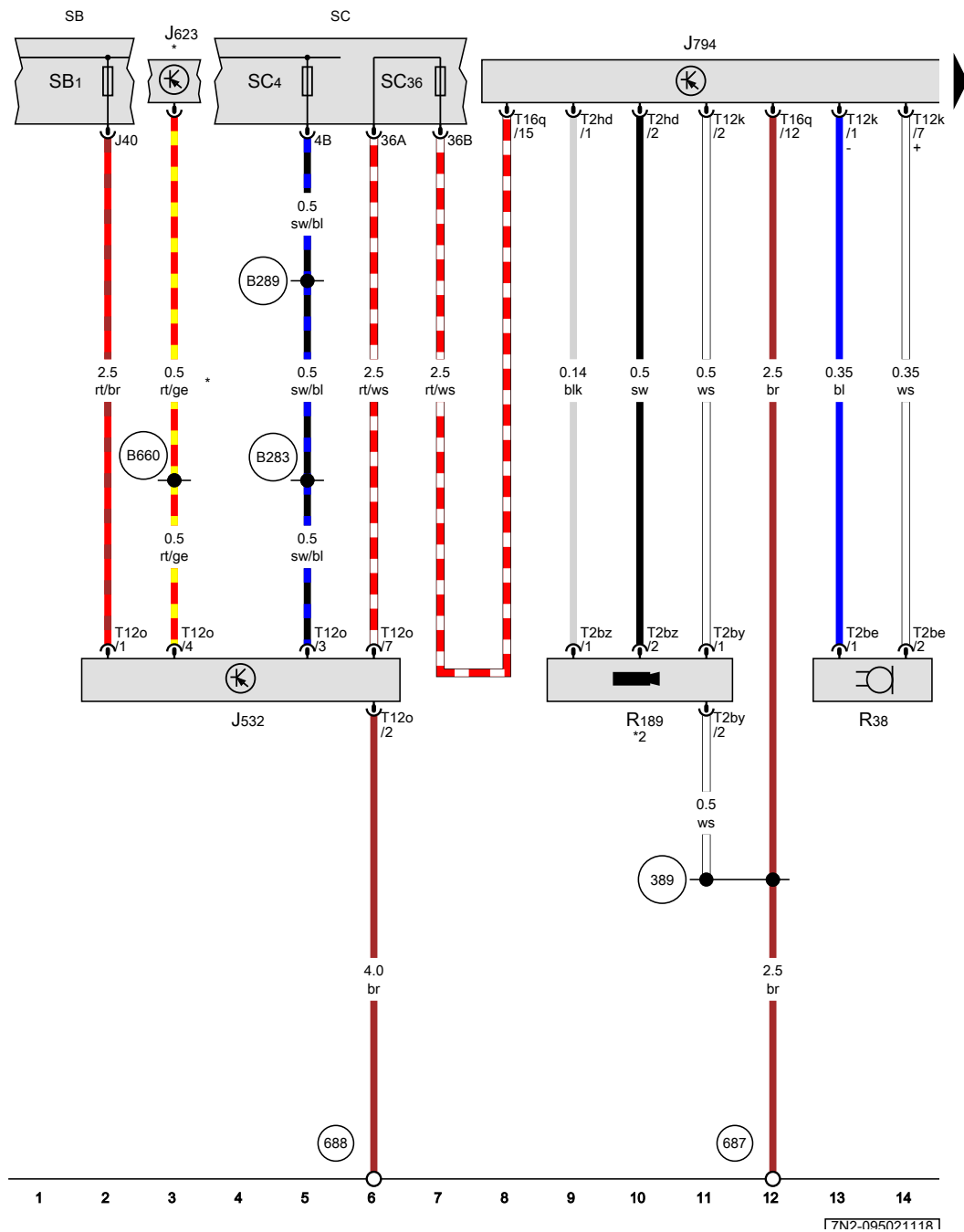
Reversing camera system control unit, Control unit 1 for information electronics, Reversing camera

- J772 Reversing camera system control unit
- J794 Control unit 1 for information electronics
- R189 Reversing camera
- T2it 2-pin connector, blue
- T2iu 2-pin connector, green
- T2iv 2-pin connector, black
- T2iw 2-pin connector, blue
- T12u 12-pin connector, blue
- T20i 20-pin connector, black
- * Pre-wired component
- *2 Up to May 2017
- *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

Multimedia system , (7UN)

From May 2016



Voltage stabiliser, Engine/motor control unit, Control unit 1 for information electronics, Telephone microphone, Reversing camera, Fuse holder B, Fuse holder C

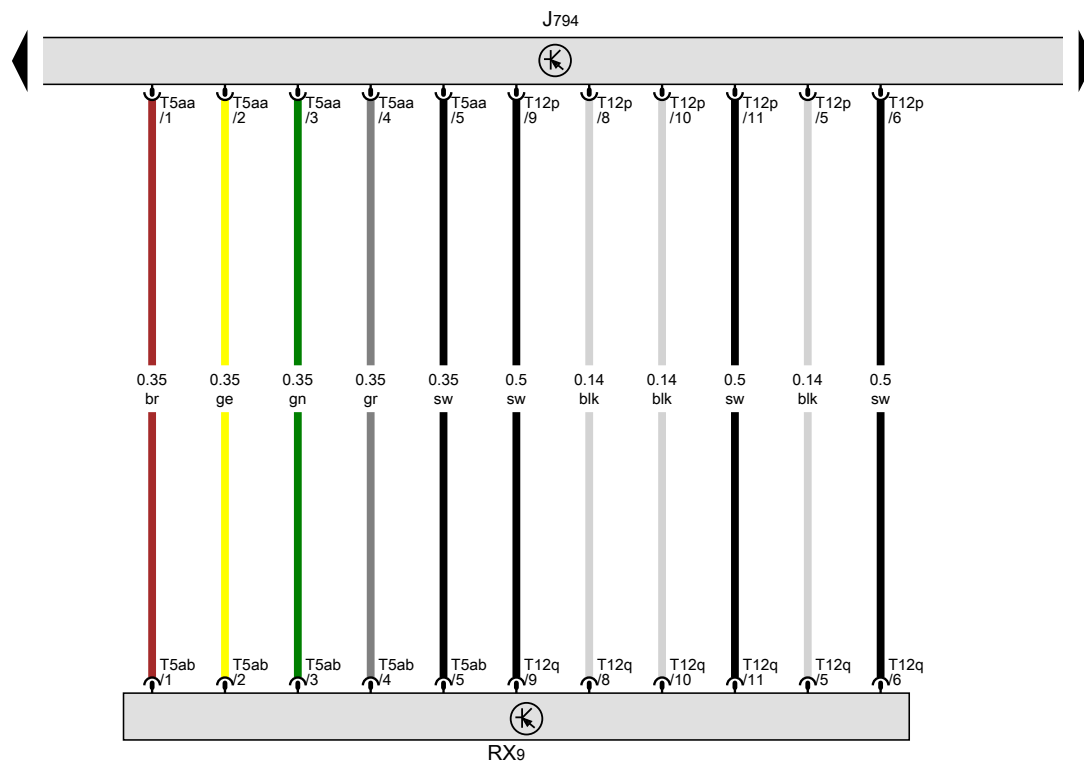
- J532 Voltage stabiliser
- J623 Engine/motor control unit
- J794 Control unit 1 for information electronics
- R38 Telephone microphone
- R189 Reversing camera
- SB Fuse holder B
- SB1 Fuse 1 on fuse holder B
- SC Fuse holder C
- SC4 Fuse 4 on fuse holder C
- SC36 Fuse 36 on fuse holder C
- T2be 2-pin connector, black
- T2by 2-pin connector, black
- T2bz 2-pin connector, grey
- T2hd 2-pin connector, light brown
- T12k 12-pin connector, green
- T12o 12-pin connector, black
- T16q 16-pin connector, black

- 389 Earth connection 24, in main wiring harness
- 687 Earth point 1, on centre tunnel
- 688 Earth point 2, on centre tunnel
- B283 Positive connection 7 (15a) in main wiring harness
- B289 Positive connection 13 (15a) in main wiring harness
- B660 Connection (diagnosis terminal 50), in main wiring harness

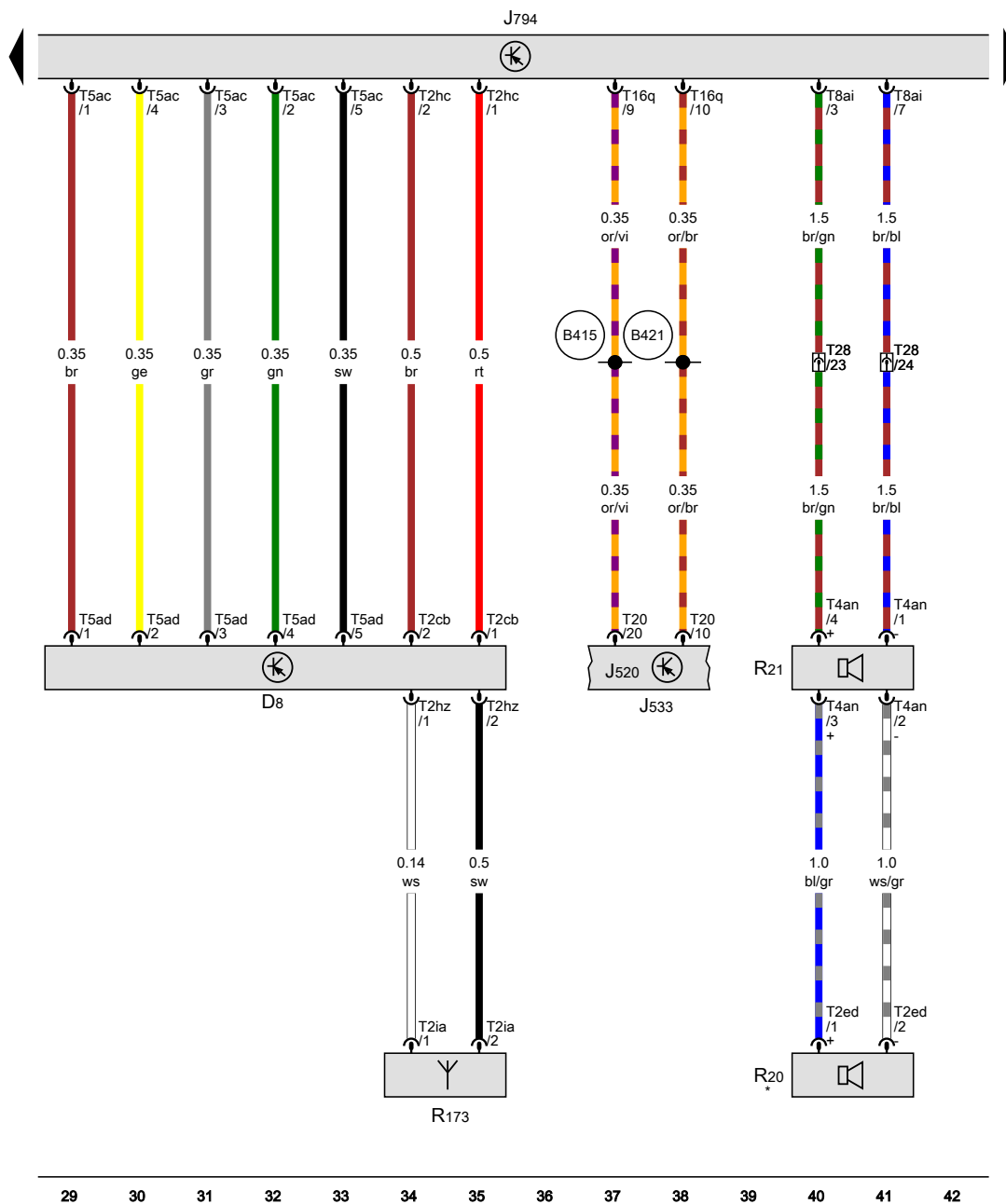
* see applicable current flow diagram for engine
*2 According to equipment

Control unit 1 for information electronics, Interface for external audio sources

- J794 Control unit 1 for information electronics
- RX9 Interface for external audio sources
- T5aa 5-pin connector, black
- T5ab 5-pin connector, black
- T12p 12-pin connector, black
- T12q 12-pin connector, black

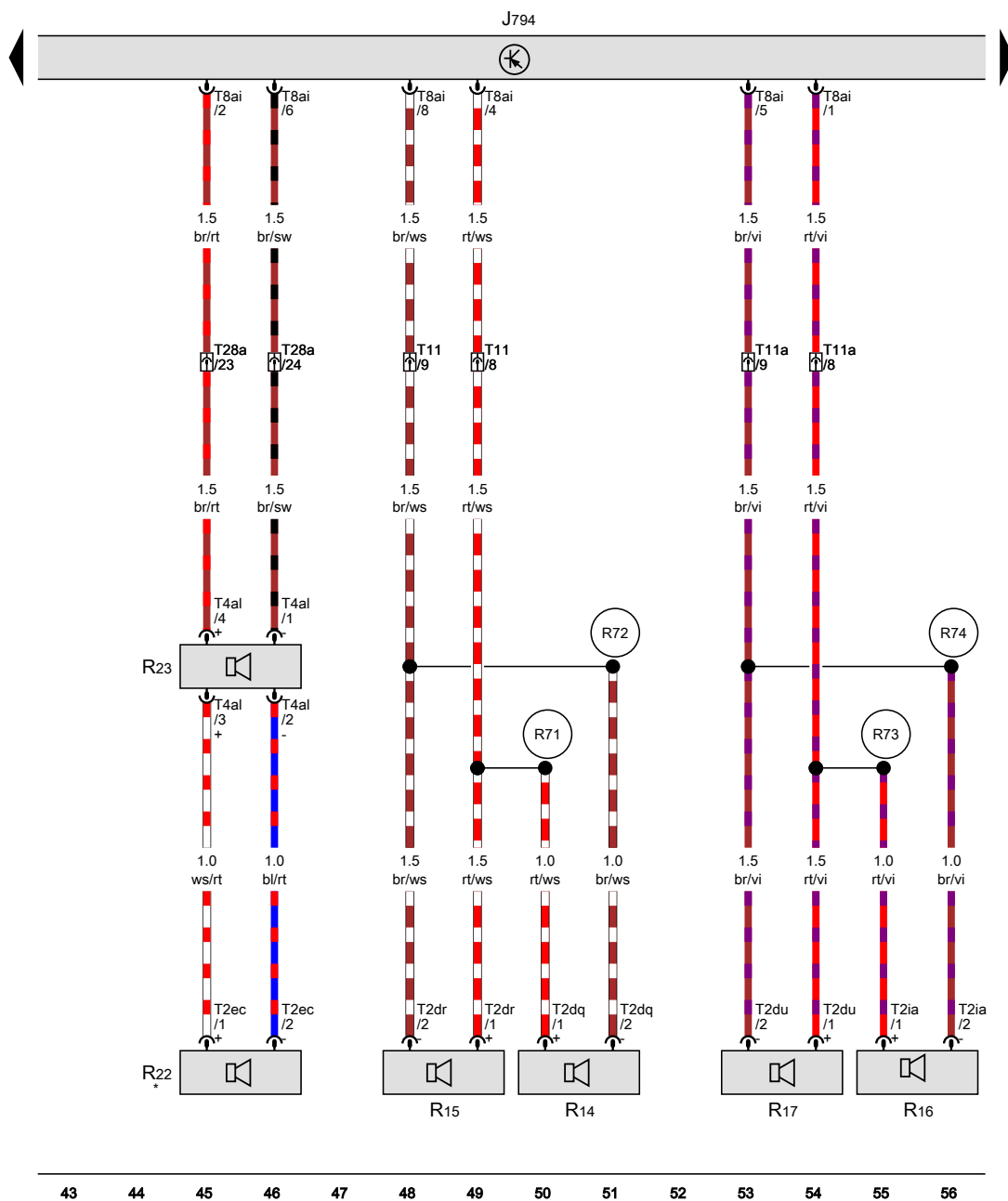


- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
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- rs = pink



Chip card reader, Data bus diagnostic interface, Control unit 1 for information electronics, Front left treble loudspeaker, Front left bass loudspeaker, Traffic data aerial

- D8 Chip card reader
- J520 Onboard supply control unit 2
- J533 Data bus diagnostic interface
- J794 Control unit 1 for information electronics
- R20 Front left treble loudspeaker
- R21 Front left bass loudspeaker
- R173 Traffic data aerial
- T2cb 2-pin connector, black
- T2ed 2-pin connector, black
- T2hc 2-pin connector, black
- T2hz 2-pin connector, black
- T2ia 2-pin connector, black
- T4an 4-pin connector, black
- T5ac 5-pin connector, black
- T5ad 5-pin connector, black
- T8ai 8-pin connector, black
- T16q 16-pin connector, black
- T20 20-pin connector, red
- T28 28-pin connector, black, on left A-pillar
- B415 Connection 1 (infotainment CAN bus, high), in main wiring harness
- B421 Connection 1 (infotainment CAN bus, low), in main wiring harness
- * Pre-wired component



Control unit 1 for information electronics, Rear left treble loudspeaker, Rear left bass loudspeaker, Rear right treble loudspeaker, Rear right bass loudspeaker, Front right treble loudspeaker, Front right bass loudspeaker

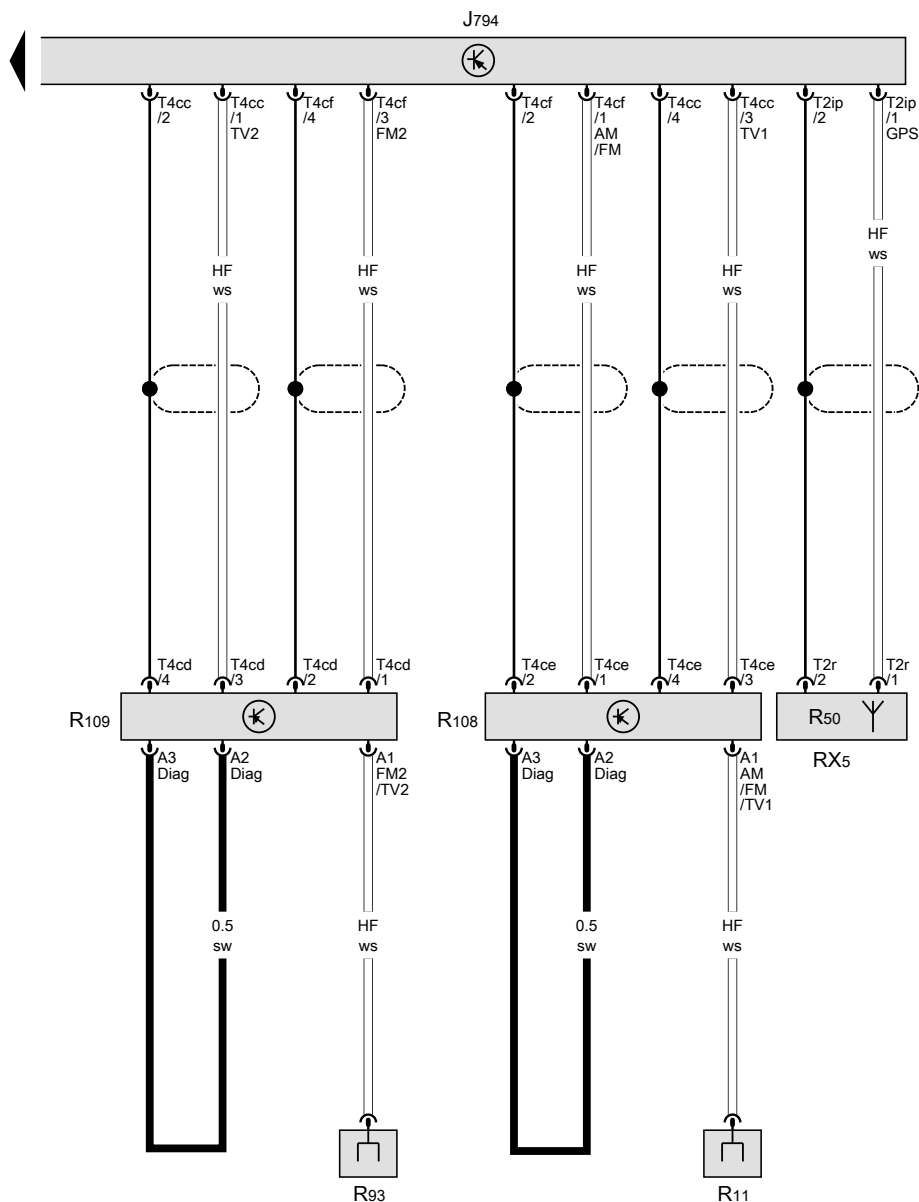
- J794 Control unit 1 for information electronics
- R14 Rear left treble loudspeaker
- R15 Rear left bass loudspeaker
- R16 Rear right treble loudspeaker
- R17 Rear right bass loudspeaker
- R22 Front right treble loudspeaker
- R23 Front right bass loudspeaker
- T2dq 2-pin connector, black
- T2dr 2-pin connector, black
- T2du 2-pin connector, black
- T2ec 2-pin connector, black
- T2ia 2-pin connector, black
- T4al 4-pin connector, black
- T8ai 8-pin connector, black
- T11 11-pin connector, black, in rear left door
- T11a 11-pin connector, black, in rear right door
- T28a 28-pin connector, black, on right A-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

* Pre-wired component

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

17N2-095051118



Control unit 1 for information electronics, Roof aerial, Aerial, GPS aerial, Radio aerial 2, Left aerial module, Right aerial module

- J794 Control unit 1 for information electronics
- RX5 Roof aerial
- R11 Aerial
- R50 GPS aerial
- R93 Radio aerial 2
- R108 Left aerial module
- R109 Right aerial module
- T2ip 2-pin connector, blue
- T2r 2-pin connector, blue
- T4cc 4-pin connector, white
- T4cd 4-pin connector, blue
- T4ce 4-pin connector, purple
- T4cf 4-pin connector, brown

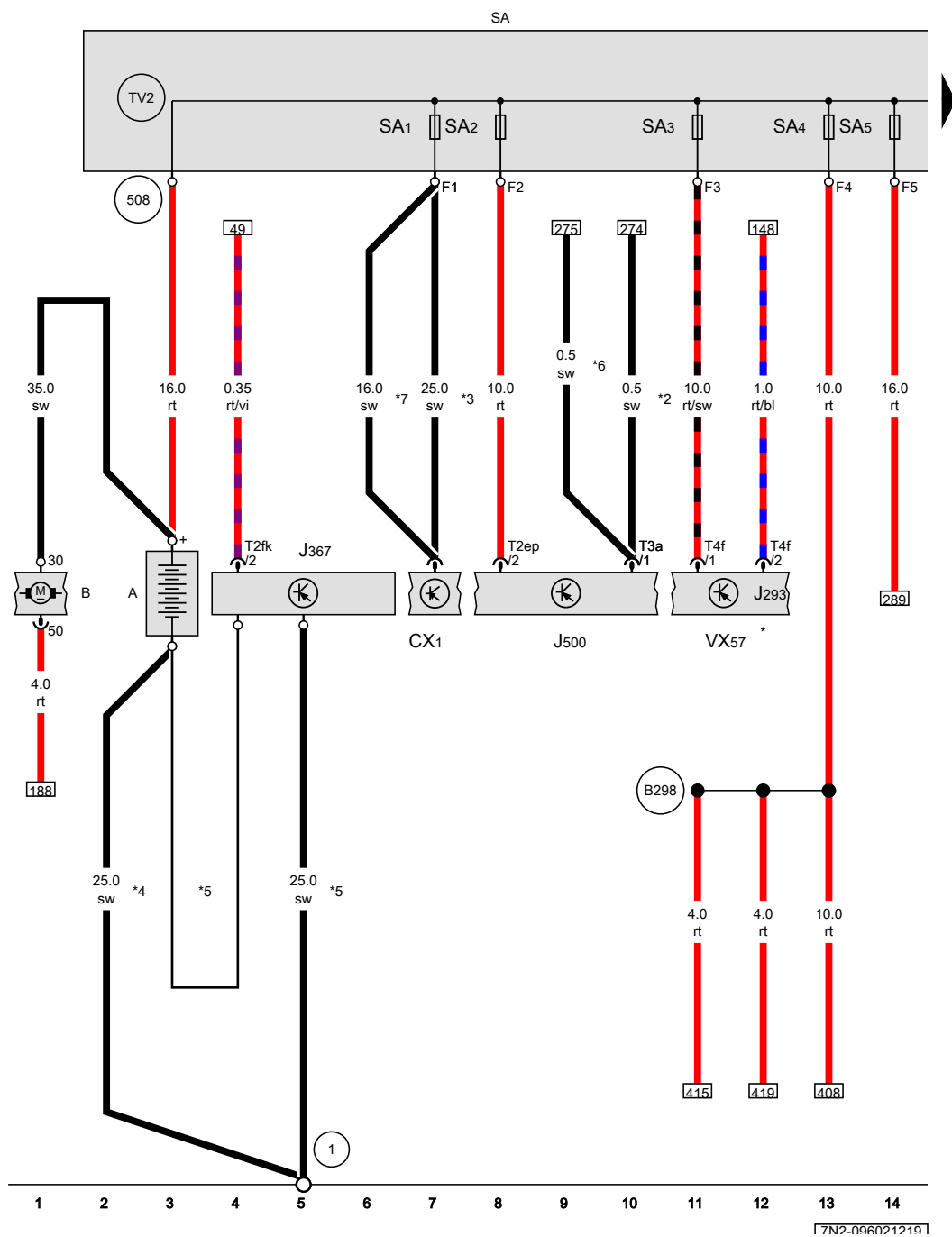
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

57 58 59 60 61 62 63 64 65 66 67 68 69 70

[7N2-095061118]

Fuse assignment

From May 2016

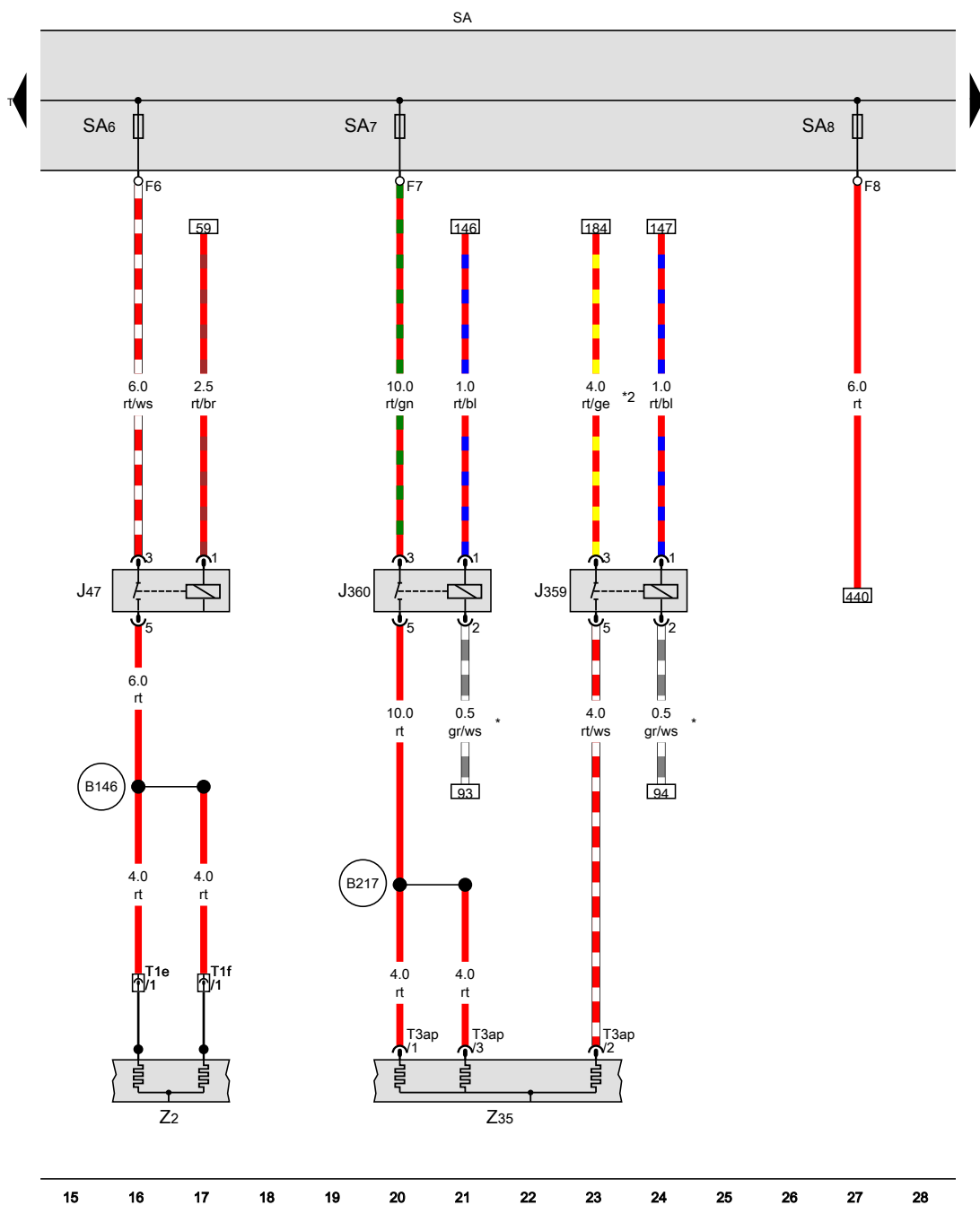


Battery, Starter, Battery monitor control unit, Fuse holder A

- A Battery
- B Starter
- CX1 Alternator with voltage regulator
- J293 Radiator fan control unit
- J367 Battery monitor control unit
- J500 Power steering control unit
- SA Fuse holder A
- 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
- T2ep 2-pin connector
- T2fk 2-pin connector
- T3a 3-pin connector
- T4f 4-pin connector
- VX57 Radiator fan

- 1 Earth strap, battery - body
- 508 Threaded connection (30) on E-box
- B298 Positive connection 2 (30), in main wiring harness
- TV2 Terminal 30 wiring junction
- * Pre-wired component
- *2 For models with petrol engine
- *3 Up to May 2017
- *4 For models with no start/stop system
- *5 For models with start/stop system
- *6 For models with diesel engine
- *7 From May 2017

- ws = white
- sw = black
- ro = red
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- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
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Fuse holder A

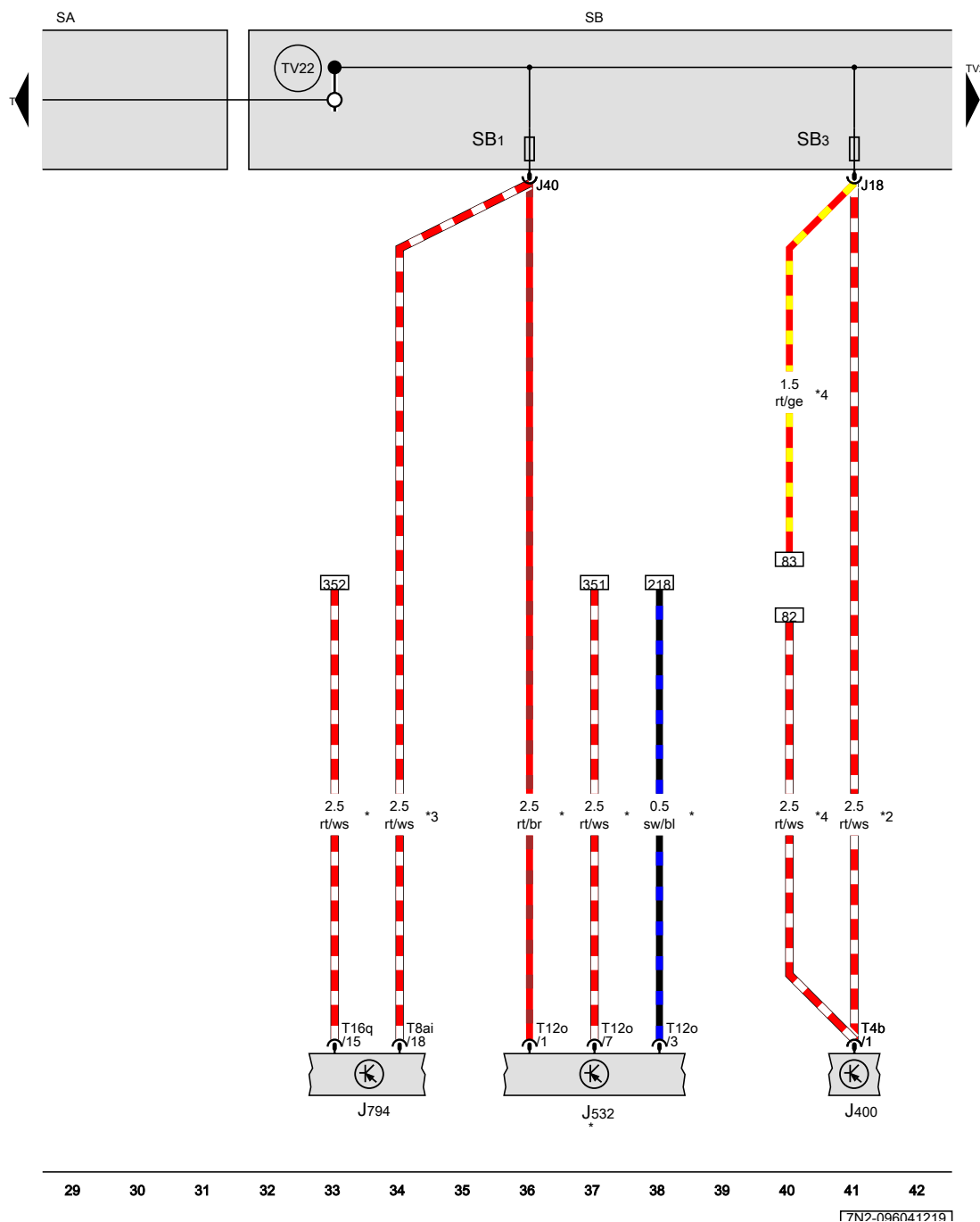
- J47 Heated windscreen relay
- J359 Low heat output relay
- J360 High heat output relay
- SA Fuse holder A
- SA6 Fuse 6 on fuse holder A
- SA7 Fuse 7 on fuse holder A
- SA8 Fuse 8 on fuse holder A
- T1e 1-pin connector
- T1f 1-pin connector
- T3ap 3-pin connector
- Z2 Heated windscreen
- Z35 Auxiliary air heater element

- B146 Positive connection 1 (87), in interior wiring harness
- B217 Connection (auxiliary heater), in interior wiring harness
- TV2 Terminal 30 wiring junction

- * see applicable current flow diagram for engine
- *2 According to equipment

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

17N2-0960312191



Fuse holder A, Fuse holder B

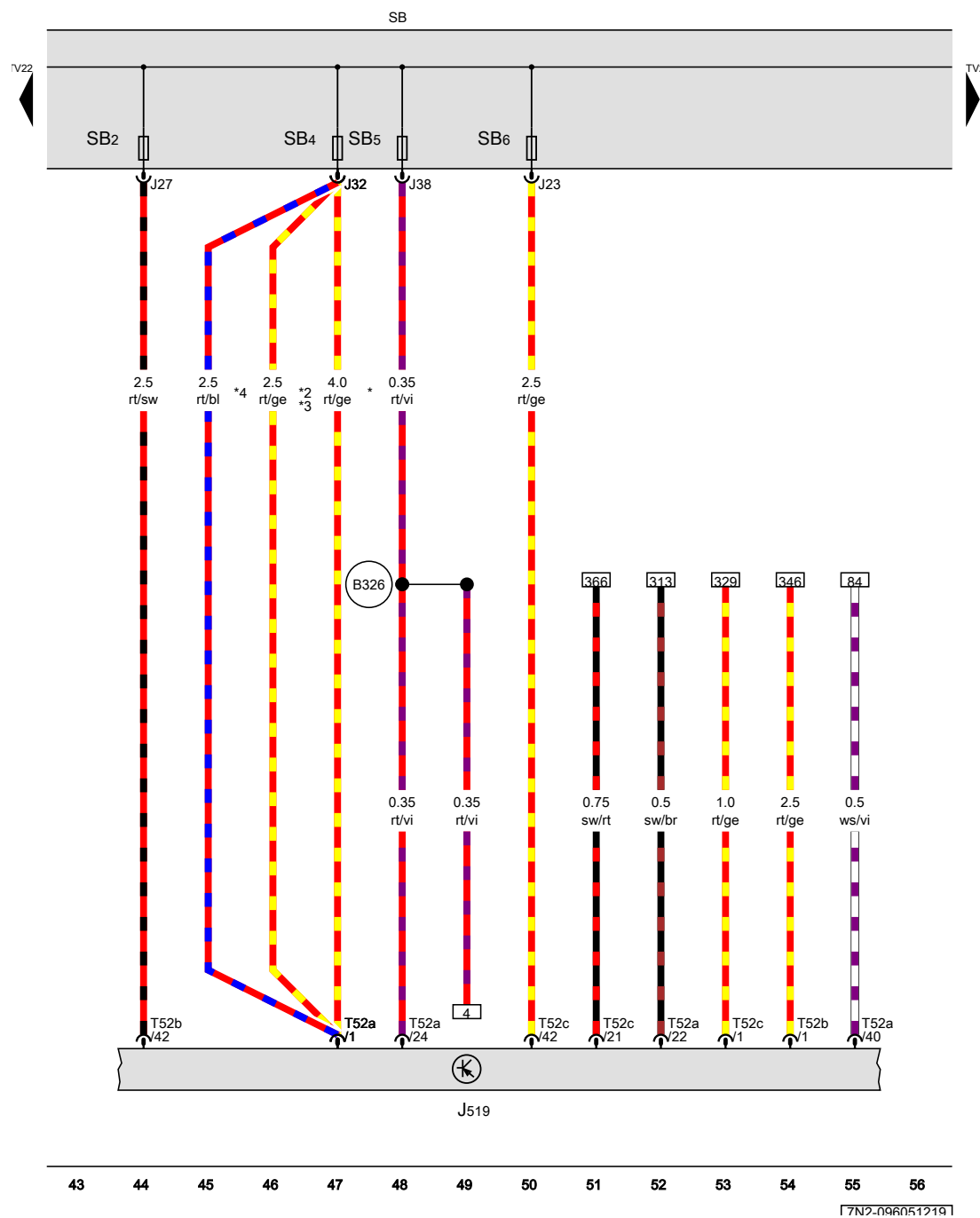
- J400 Wiper motor control unit
- J532 Voltage stabiliser
- J794 Control unit 1 for information electronics
- SA Fuse holder A
- SB Fuse holder B
- SB1 Fuse 1 on fuse holder B
- SB3 Fuse 3 on fuse holder B
- T4b 4-pin connector
- T8ai 8-pin connector
- T12o 12-pin connector
- T16q 16-pin connector, black

TV2 Terminal 30 wiring junction

TV22 Terminal 30 wiring junction 2

- * For models with equipment for Japan
- *2 Up to May 2017
- *3 For models with no equipment for Japan
- *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



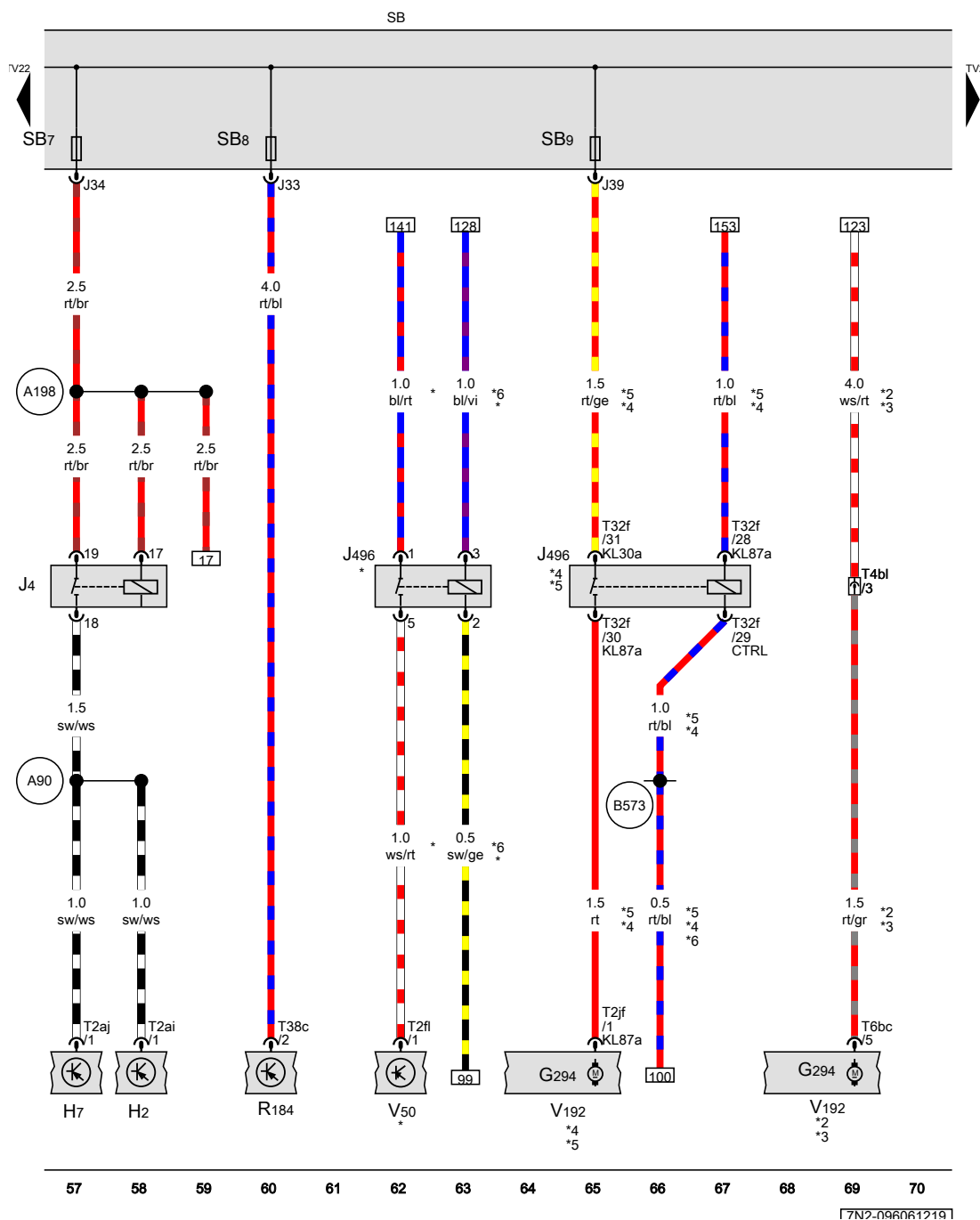
Fuse holder B

- J519 Onboard supply control unit
- SB Fuse holder B
- SB2 Fuse 2 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
- T52a 52-pin connector
- T52b 52-pin connector
- T52c 52-pin connector

B326 Positive connection 12 (30a) in main wiring harness

TV22 Terminal 30 wiring junction 2

- * Up to May 2017
- *2 From May 2017
- *3 Up to November 2017
- *4 From November 2017



Additional coolant pump relay, Fuse holder B, Vacuum pump for brakes

- G294 Brake servo pressure sensor
- H2 Treble horn
- H7 Bass horn
- J4 Dual tone horn relay
- J496 Additional coolant pump relay
- R184 Digital sound package amplifier
- 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
- T2ai 2-pin connector
- T2aj 2-pin connector
- T2fl 2-pin connector
- T2jf 2-pin connector, black
- T4bl 4-pin connector, black
- T6bc 6-pin connector, black
- T32f 32-pin connector, black
- T38c 38-pin connector
- V50 Coolant circulation pump
- V192 Vacuum pump for brakes

A90 Connection (dual tone horn), in dash panel wiring harness

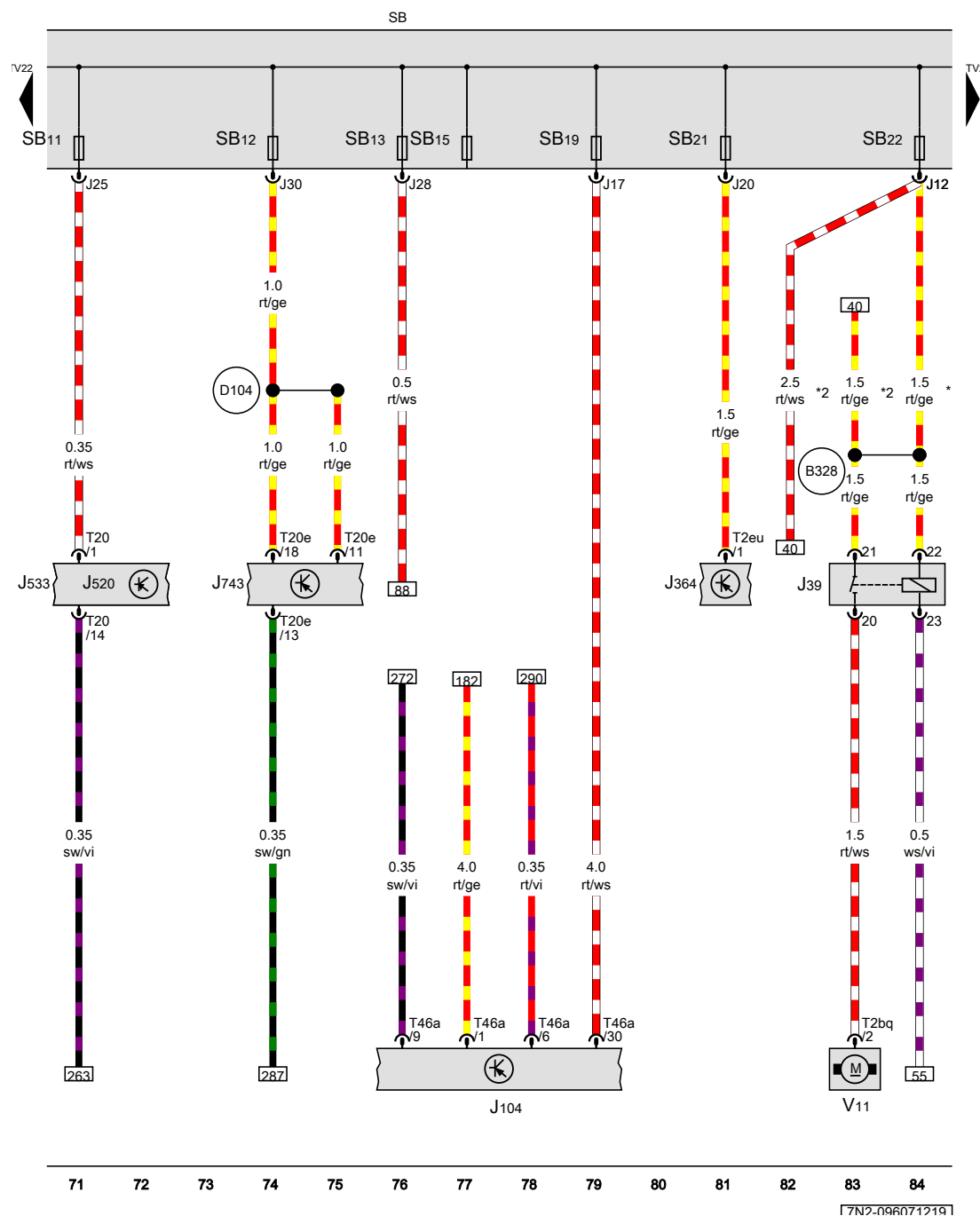
A198 Positive connection 6 (30a) in dash panel wiring harness

B573 Connection 40, in main wiring harness

TV22 Terminal 30 wiring junction 2

- * Up to November 2016
- *2 For models with equipment for Japan
- *3 Up to July 2018
- *4 For emission standard Euro 6 AG/H/I
- *5 From July 2018
- *6 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



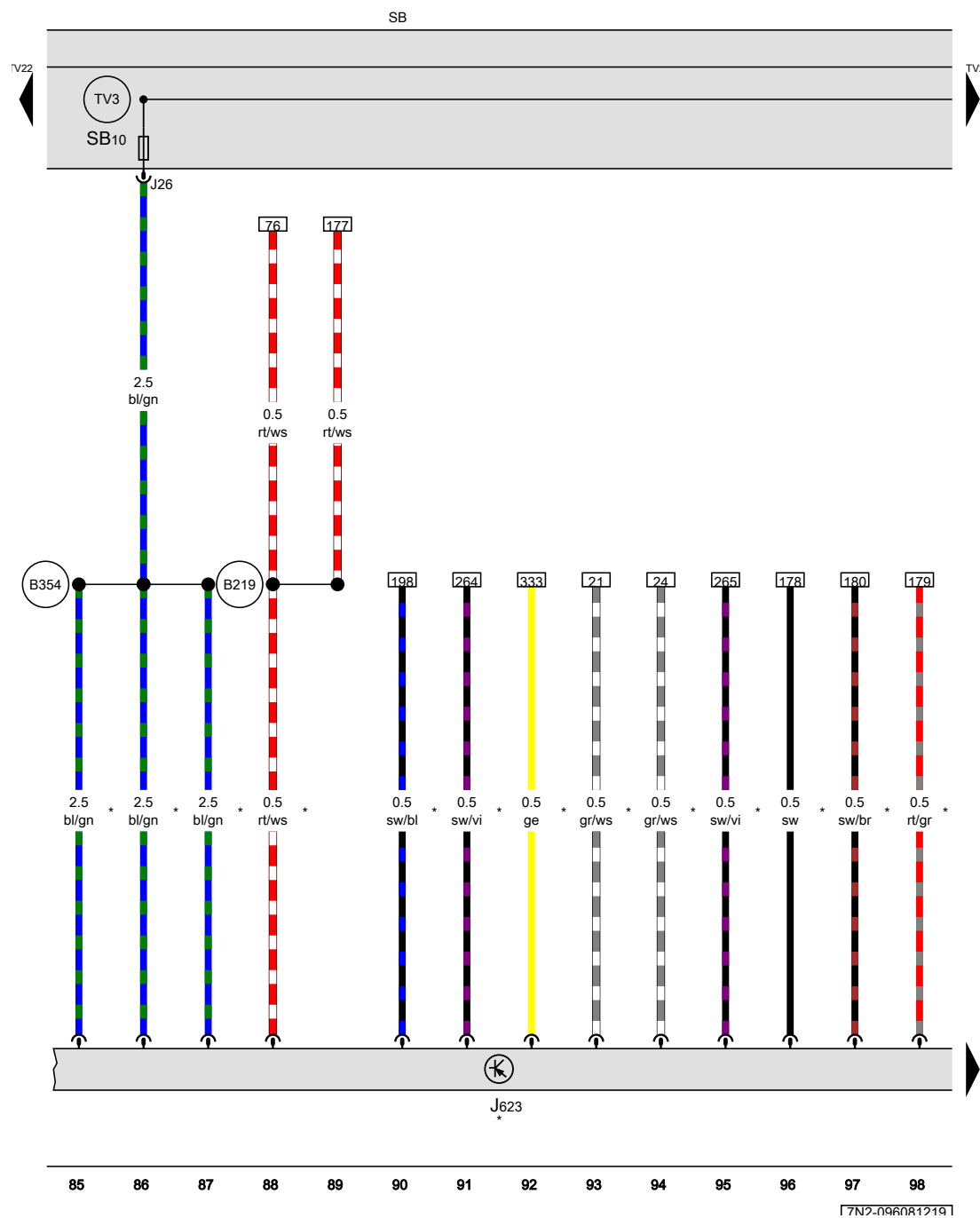
Fuse holder B

- | | |
|------|--|
| J39 | Headlight washer system relay |
| J104 | ABS control unit |
| J364 | Auxiliary heater control unit |
| J520 | Onboard supply control unit 2 |
| J533 | Data bus diagnostic interface |
| J743 | Mechatronic unit for dual clutch gearbox |
| SB | Fuse holder B |
| SB11 | Fuse 11 on fuse holder B |
| SB12 | Fuse 12 on fuse holder B |
| SB13 | Fuse 13 on fuse holder B |
| SB15 | Fuse 15 on fuse holder B |
| SB19 | Fuse 19 on fuse holder B |
| SB21 | Fuse 21 on fuse holder B |
| SB22 | Fuse 22 on fuse holder B |
| T2bq | 2-pin connector |
| T2eu | 2-pin connector |
| T20 | 20-pin connector |
| T20e | 20-pin connector |
| T46a | 46-pin connector, black |
| V11 | Headlight washer system pump |

- | | |
|------|---|
| B328 | Positive connection 14 (30a) in main wiring harness |
| D104 | Positive connection 2 (30a), in engine compartment wiring harness |
| TV22 | Terminal 30 wiring junction 2 |

- * Up to May 2017
*2 From May 2017

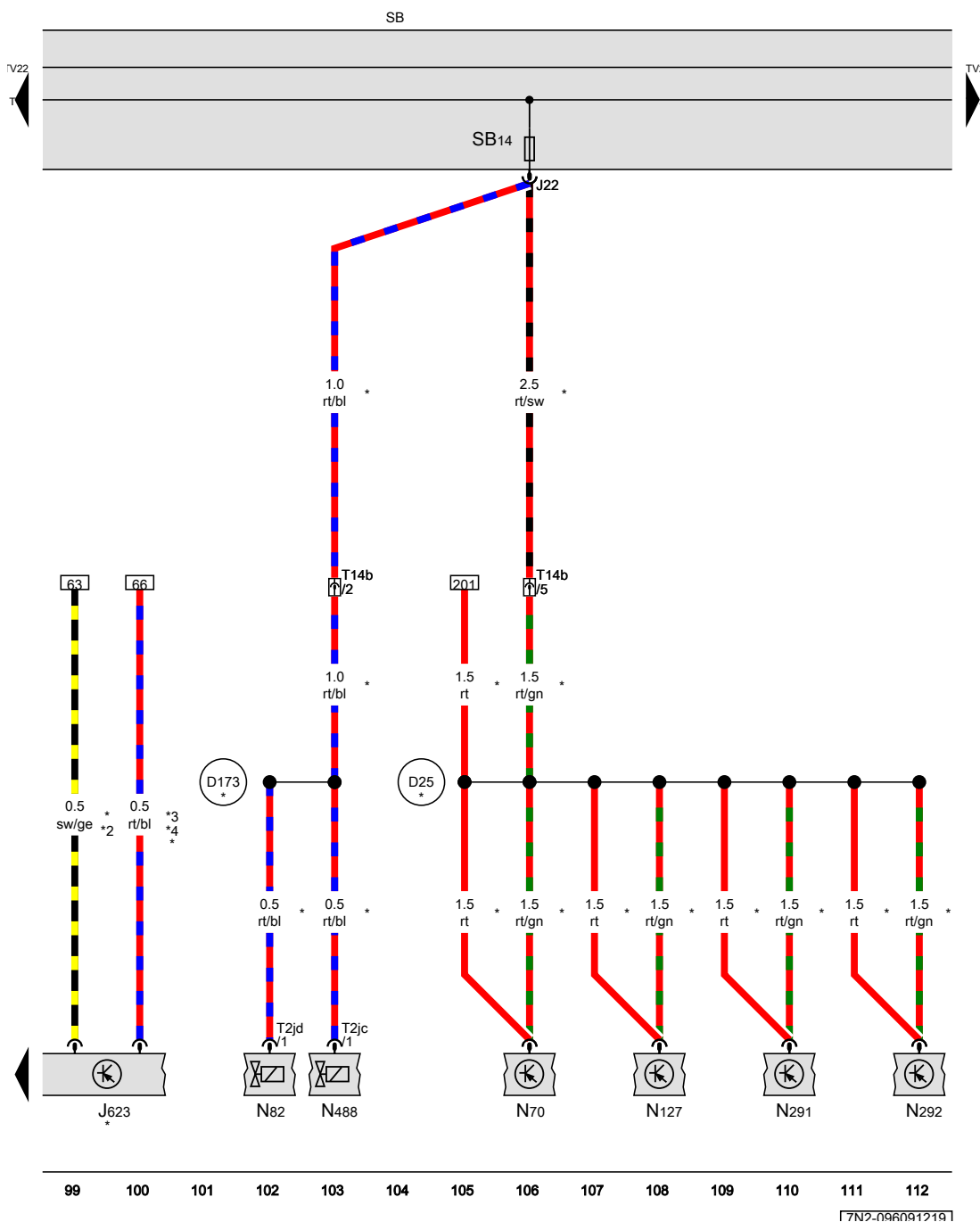
ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
vi = purple
ge = yellow
or = orange
rs = pink



Fuse holder B

- J623 Engine/motor control unit
- SB Fuse holder B
- SB10 Fuse 10 on fuse holder B
- B219 Positive connection 4 (30a), in interior wiring harness
- B354 Positive connection 5 (87a) in main wiring harness
- TV3 Terminal 30a wiring junction
- TV22 Terminal 30 wiring junction 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



Fuse holder B

- J623 Engine/motor control unit
- N70 Ignition coil 1 with output stage
- N82 Coolant shut-off valve
- N127 Ignition coil 2 with output stage
- N291 Ignition coil 3 with output stage
- N292 Ignition coil 4 with output stage
- N488 Coolant valve for gearbox
- SB Fuse holder B
- SB14 Fuse 14 on fuse holder B
- T2jc 2-pin connector, black
- T2jd 2-pin connector, black
- T14b 14-pin connector, black

D25 Positive connection (15), in engine prewiring harness

D173 Connection (87), in engine prewiring harness

TV3 Terminal 30a wiring junction

TV22 Terminal 30 wiring junction 2

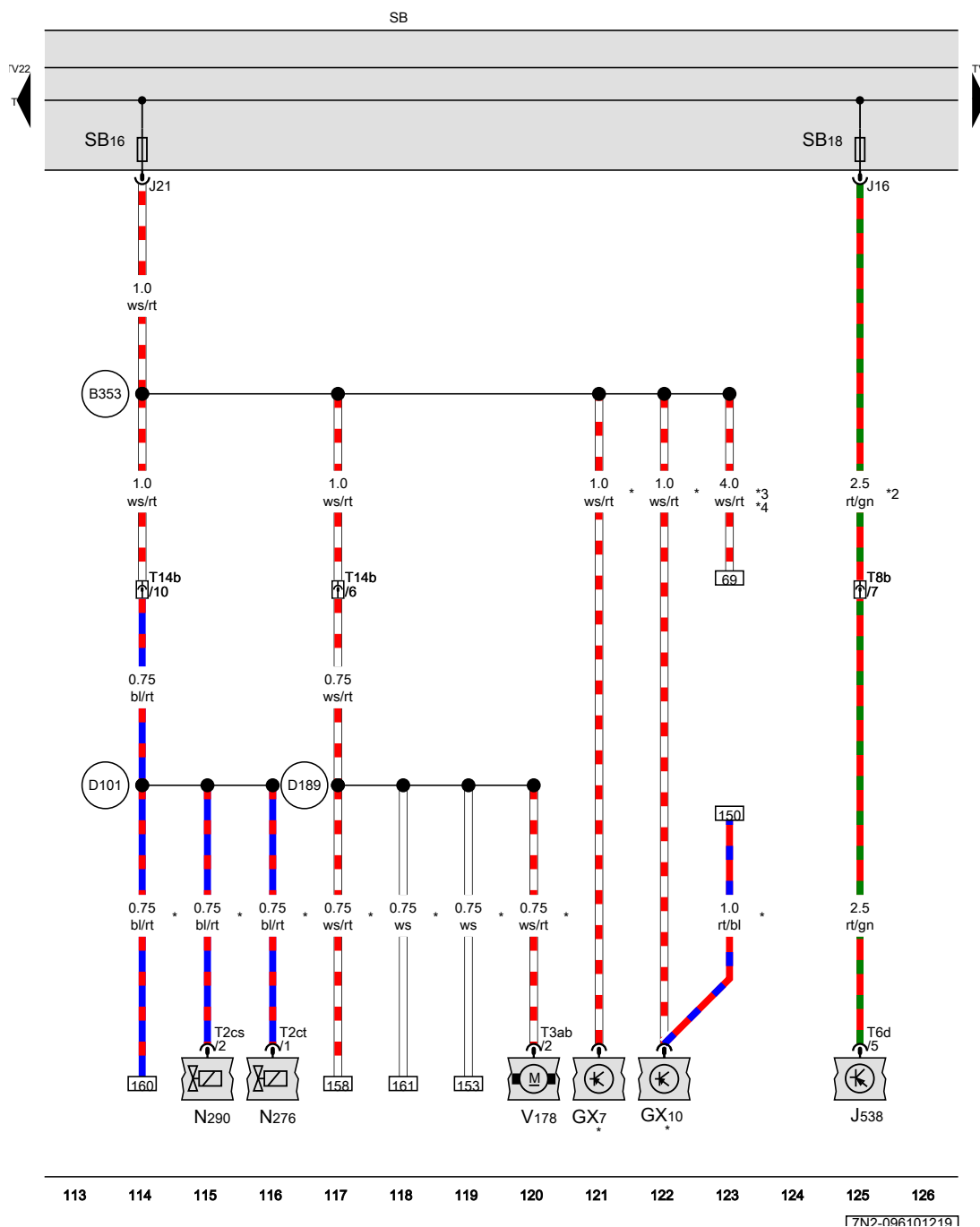
* see applicable current flow diagram for engine

*2 Up to November 2016

*3 From July 2018

*4 For emission standard Euro 6 AG/H/I

ws = white
 sw = black
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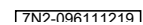
Fuse holder B

- GX7 Lambda probe 1 after catalytic converter
- GX10 Lambda probe 1 before catalytic converter
- J538 Fuel pump control unit
- N276 Fuel pressure regulating valve
- N290 Fuel metering valve
- SB Fuse holder B
- SB16 Fuse 16 on fuse holder B
- SB18 Fuse 18 on fuse holder B
- T2cs 2-pin connector, black
- T2ct 2-pin connector, black
- T3ab 3-pin connector, black
- T6d 6-pin connector
- T8b 8-pin connector
- T14b 14-pin connector, black
- V178 Coolant circulation pump 2

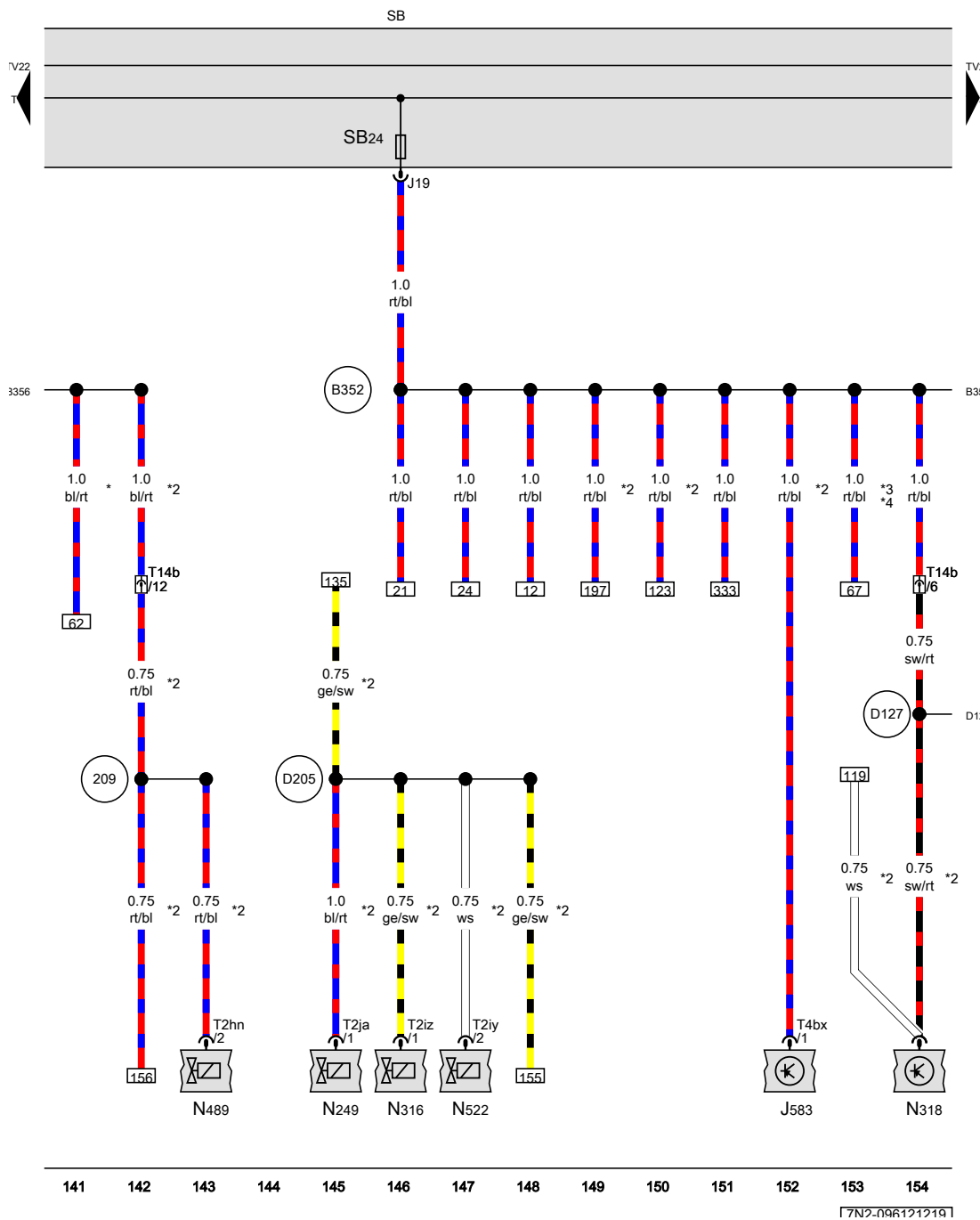
- B353 Positive connection 4 (87a) in main wiring harness
- D101 Connection 1 in engine compartment wiring harness
- D189 Connection (87a) in engine prewiring harness
- TV3 Terminal 30a wiring junction
- TV22 Terminal 30 wiring junction 2

- * see applicable current flow diagram for engine
- *2 For models with no equipment for Japan
- *3 For models with equipment for Japan
- *4 Up to July 2018

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- gr = grey
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- vi = purple
- ge = yellow
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- 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

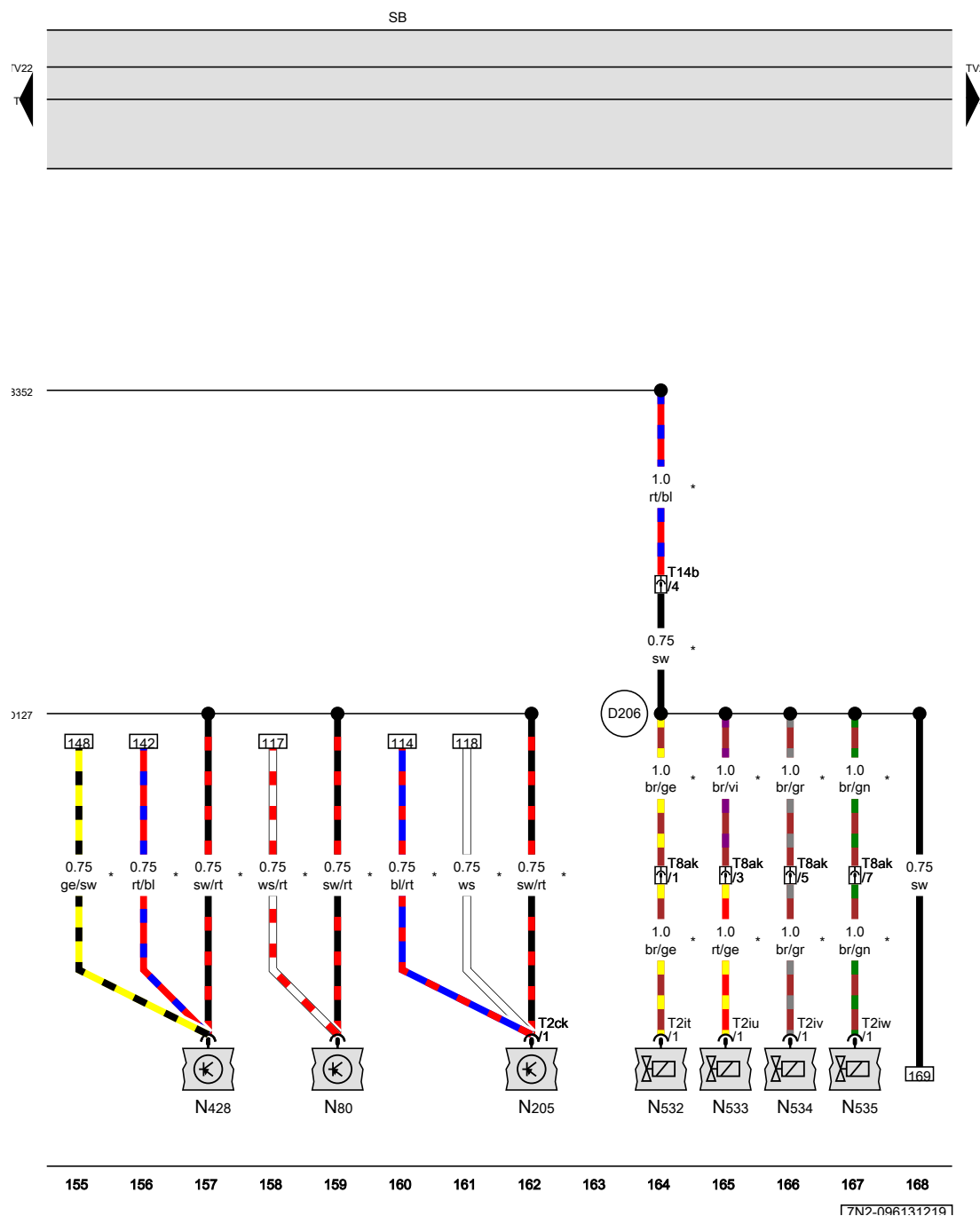


Fuse holder B

- J583 Control unit for NOx sender
- N249 Turbocharger air recirculation valve
- N316 Intake manifold flap valve
- N318 Exhaust camshaft control valve 1
- N489 Coolant valve for cylinder head
- N522 Piston cooling jet control valve
- SB Fuse holder B
- SB24 Fuse 24 on fuse holder B
- T2hn 2-pin connector, black
- T2iy 2-pin connector, black
- T2iz 2-pin connector, black
- T2ja 2-pin connector, black
- T4bx 4-pin connector, black
- T14b 14-pin connector, black

- 209 Earth connection 6, in engine compartment wiring harness
- B352 Positive connection 3 (87a) in main wiring harness
- B356 Positive connection 7 (87a) in main wiring harness
- D127 Connection 25 in engine compartment wiring harness
- D205 Connection 3 (87a) in engine prewiring harness
- TV3 Terminal 30a wiring junction
- TV22 Terminal 30 wiring junction 2
- * Up to November 2016
- *2 see applicable current flow diagram for engine
- *3 From July 2018
- *4 For emission standard Euro 6 AG/H/I

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

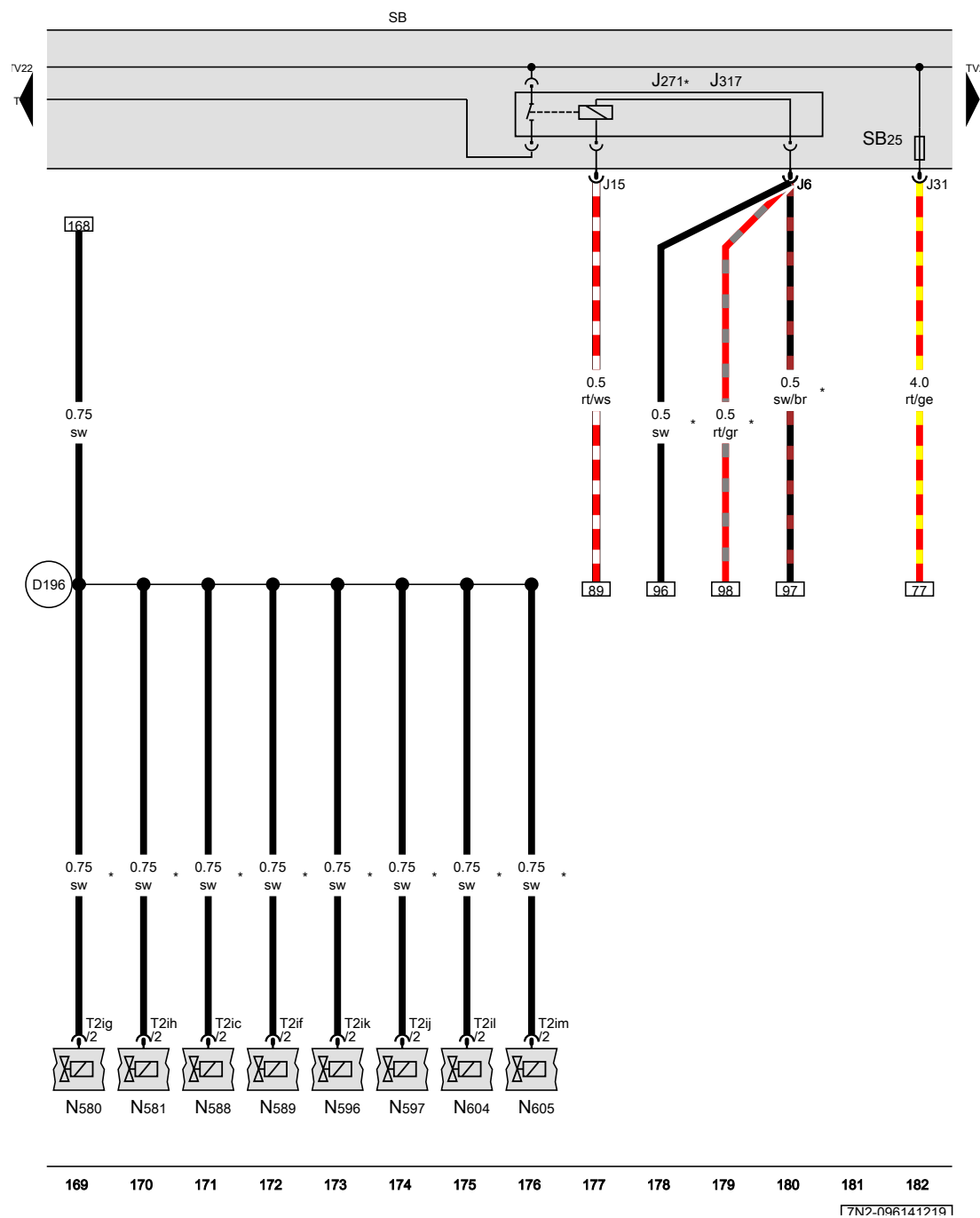


Fuse holder B

- N80 Activated charcoal filter solenoid valve 1
- N205 Camshaft control valve 1
- N428 Valve for oil pressure control
- N532 Injector 2, cylinder 1
- N533 Injector 2, cylinder 2
- N534 Injector 2, cylinder 3
- N535 Injector 2, cylinder 4
- SB Fuse holder B
- T2ck 2-pin connector
- T2it 2-pin connector, black
- T2iu 2-pin connector, black
- T2iv 2-pin connector, black
- T2iw 2-pin connector, black
- T8ak 8-pin connector, black
- T14b 14-pin connector, black

- B352 Positive connection 3 (87a) in main wiring harness
- D127 Connection 25 in engine compartment wiring harness
- D206 Connection 4 (87a) in engine prewiring harness
- TV3 Terminal 30a wiring junction
- TV22 Terminal 30 wiring junction 2

* see applicable current flow diagram for engine



Main relay, Terminal 30 voltage supply relay, Fuse holder B

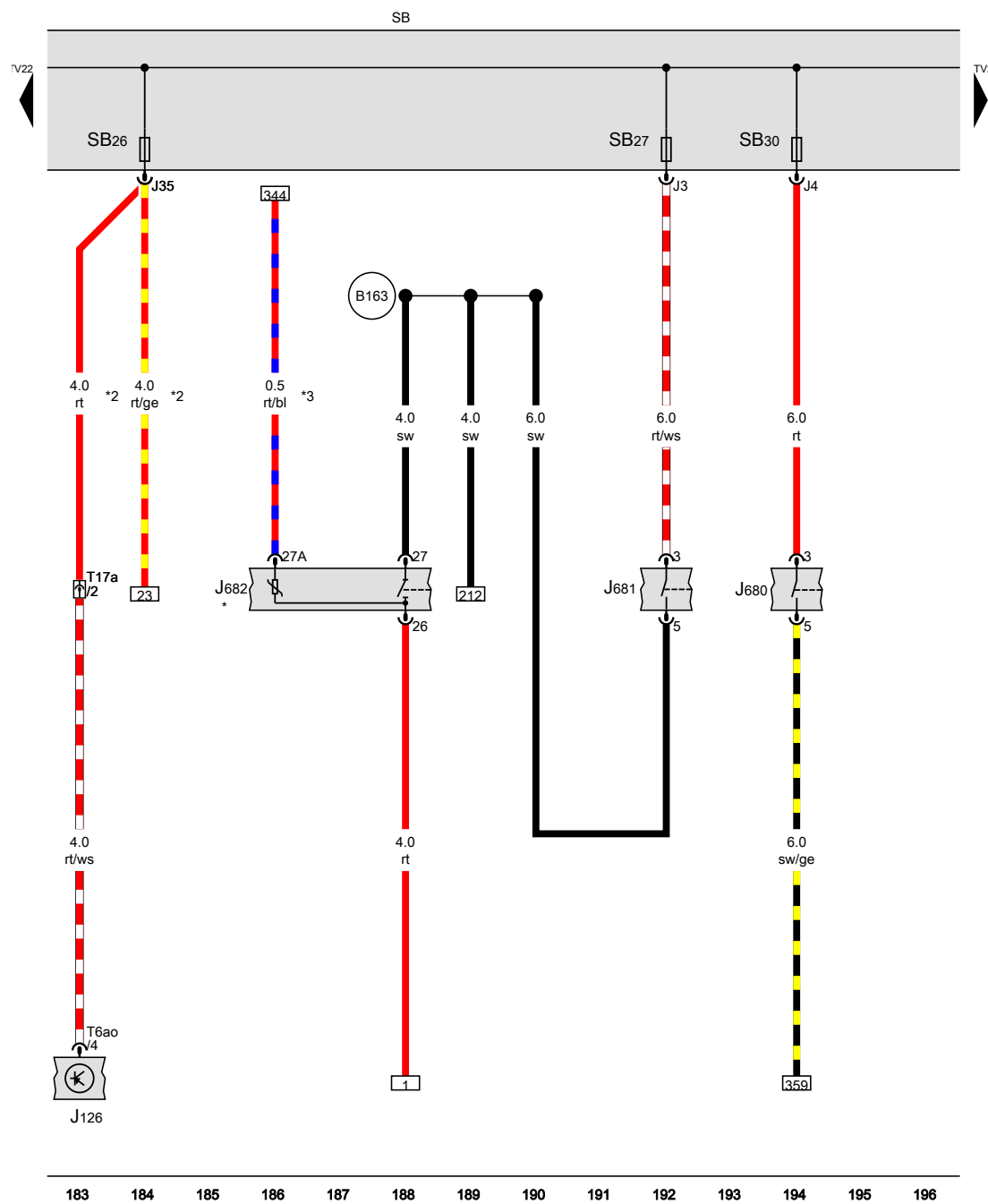
- J271 Main relay
- J317 Terminal 30 voltage supply relay
- N580 Exhaust cam actuator A for cylinder 1
- N581 Exhaust cam actuator B for cylinder 1
- N588 Exhaust cam actuator A for cylinder 2
- N589 Exhaust cam actuator B for cylinder 2
- N596 Exhaust cam actuator A for cylinder 3
- N597 Exhaust cam actuator B for cylinder 3
- N604 Exhaust cam actuator A for cylinder 4
- N605 Exhaust cam actuator B for cylinder 4
- SB Fuse holder B
- SB25 Fuse 25 on fuse holder B
- T2ic 2-pin connector, black
- T2if 2-pin connector, black
- T2ig 2-pin connector, black
- T2ih 2-pin connector, black
- T2ij 2-pin connector, black
- T2ik 2-pin connector, black
- T2il 2-pin connector, black
- T2im 2-pin connector, black

D196 Connection 2 (87a) in engine prewiring harness

TV3 Terminal 30a wiring junction

TV22 Terminal 30 wiring junction 2

* see applicable current flow diagram for engine



Fuse holder B

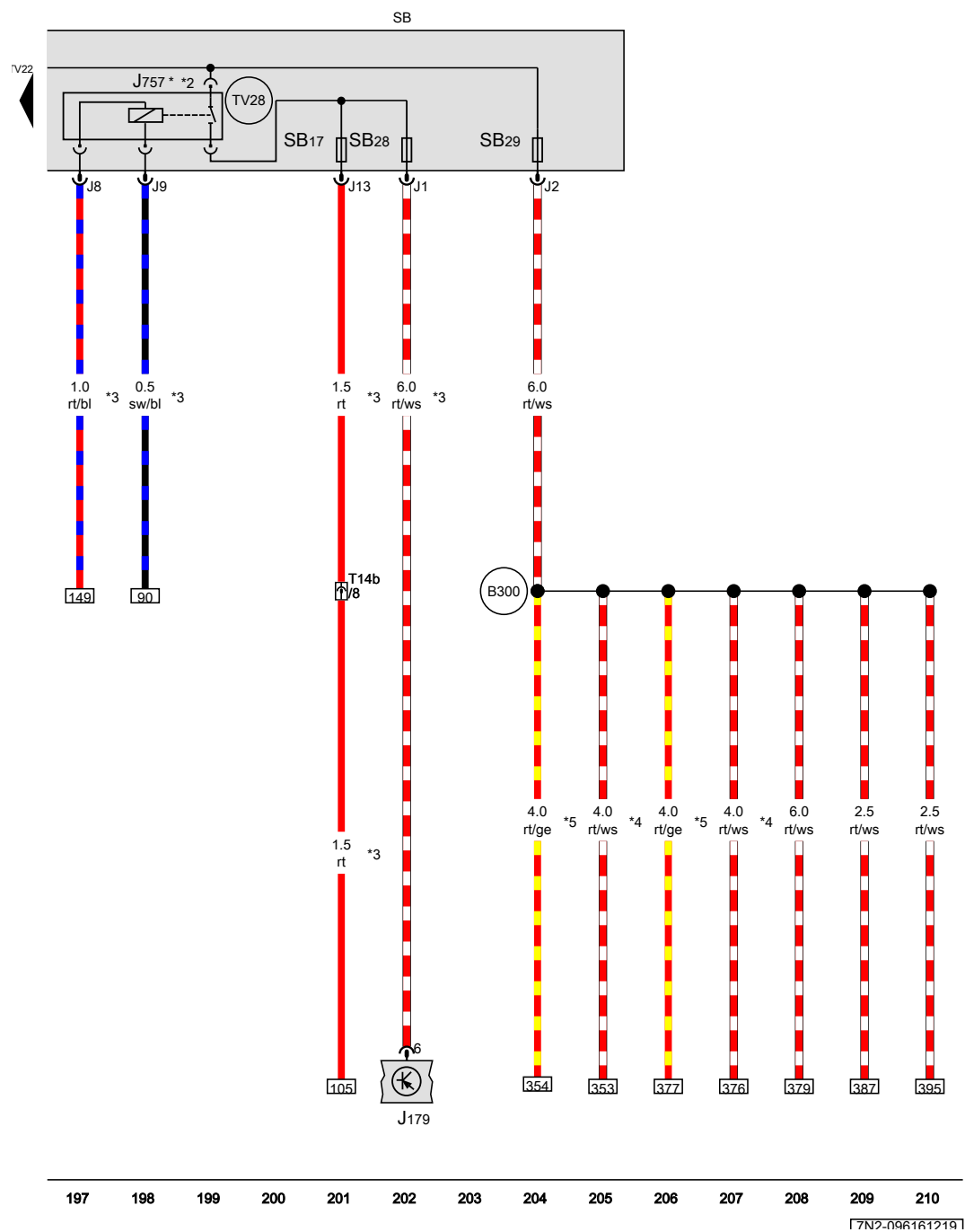
- J126 Fresh air blower control unit
- J680 Terminal 75 voltage supply relay 1
- J681 Terminal 15 voltage supply relay 2
- J682 Terminal 50 voltage supply relay
- SB Fuse holder B
- SB26 Fuse 26 on fuse holder B
- SB27 Fuse 27 on fuse holder B
- SB30 Fuse 30 on fuse holder B
- T6ao 6-pin connector
- T17a 17-pin connector

B163 Positive connection 1 (15), in interior wiring harness

TV22 Terminal 30 wiring junction 2

- * see applicable current flow diagram for engine
- *2 According to equipment
- *3 For models with entry and start authorisation

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



Engine component current supply relay, Fuse holder B

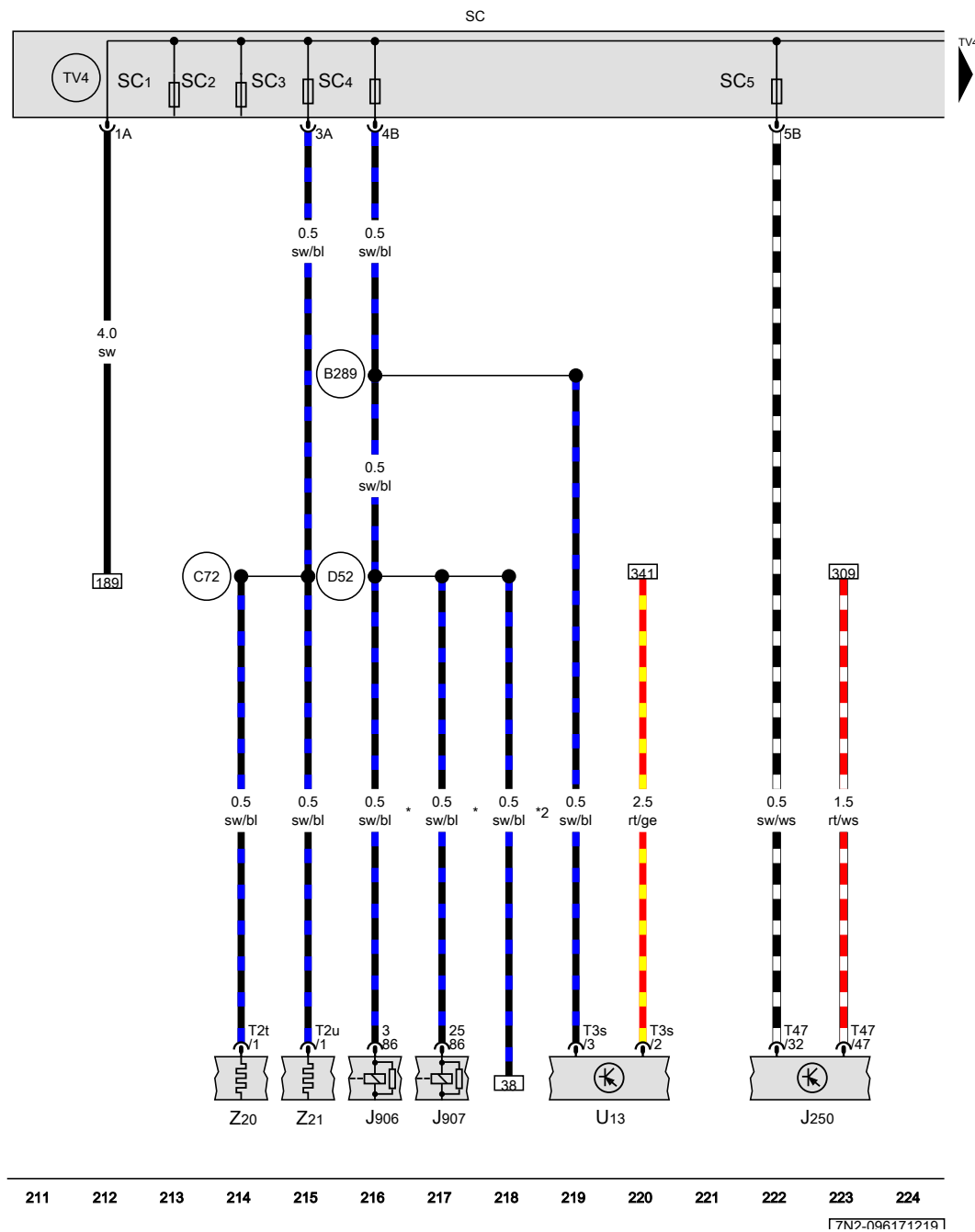
- J179 Automatic glow period control unit
- J757 Engine component current supply relay
- SB Fuse holder B
- SB17 Fuse 17 on fuse holder B
- SB28 Fuse 28 on fuse holder B
- SB29 Fuse 29 on fuse holder B
- T14b 14-pin connector, black

B300 Positive connection 4 (30), in main wiring harness

TV22 Terminal 30 wiring junction 2

TV28 Terminal 30 wiring junction 3

- * Contact bridge, only models with diesel engine
- *2 For models with petrol engine
- *3 see applicable current flow diagram for engine
- *4 Up to November 2017
- *5 From November 2017

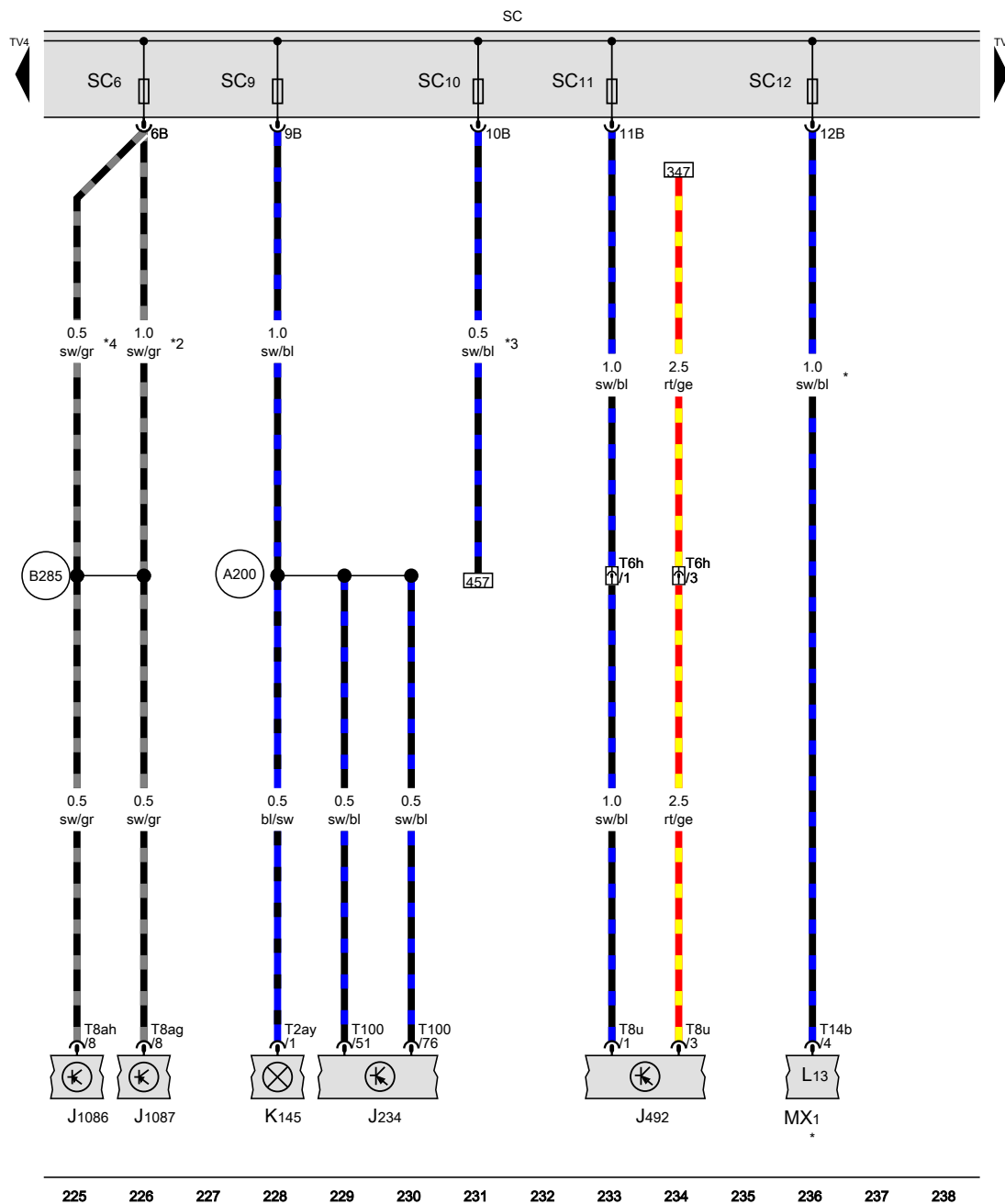


Fuse holder C

- J250 Electronically controlled damping control unit
- J906 Starter relay 1
- J907 Starter relay 2
- SC Fuse holder C
- SC1 Fuse 1 on fuse holder C
- SC2 Fuse 2 on fuse holder C
- SC3 Fuse 3 on fuse holder C
- SC4 Fuse 4 on fuse holder C
- SC5 Fuse 5 on fuse holder C
- T2t 2-pin connector, black
- T2u 2-pin connector, black
- T3s 3-pin connector
- T47 47-pin connector
- U13 DC/AC converter with socket, 12 V - 230 V
- Z20 Left washer jet heater element
- Z21 Right washer jet heater element

- B289 Positive connection 13 (15a) in main wiring harness
- C72 Positive connection in heated washer jet wiring harness
- D52 Positive connection (15a), in engine compartment wiring harness
- TV4 Terminal 15 wiring junction
- * For models with start/stop system
- *2 For models with equipment for Japan

ws = white
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Fuse holder C

- J234 Airbag control unit
- J492 All-wheel drive control unit
- J1086 Blind Spot Monitor control unit
- J1087 Blind Spot Monitor control unit 2
- K145 Warning lamp for airbag deactivated on front passenger side
- L13 Left gas discharge (xenon) bulb
- MX1 Front left headlight
- SC Fuse holder C
- SC6 Fuse 6 on fuse holder C
- SC9 Fuse 9 on fuse holder C
- SC10 Fuse 10 on fuse holder C
- SC11 Fuse 11 on fuse holder C
- SC12 Fuse 12 on fuse holder C
- T2ay 2-pin connector
- T6h 6-pin connector
- T8ag 8-pin connector, black
- T8ah 8-pin connector, black
- T8u 8-pin connector
- T14b 14-pin connector
- T100 100-pin connector

A200 Positive connection 5 (15a) in dash panel wiring harness

B285 Positive connection 9 (15a) in main wiring harness

TV4 Terminal 15 wiring junction

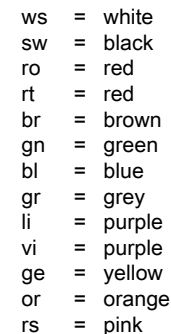
* Headlight with gas discharge light

*2 Up to May 2017

*3 For models with taxi equipment

*4 From May 2017

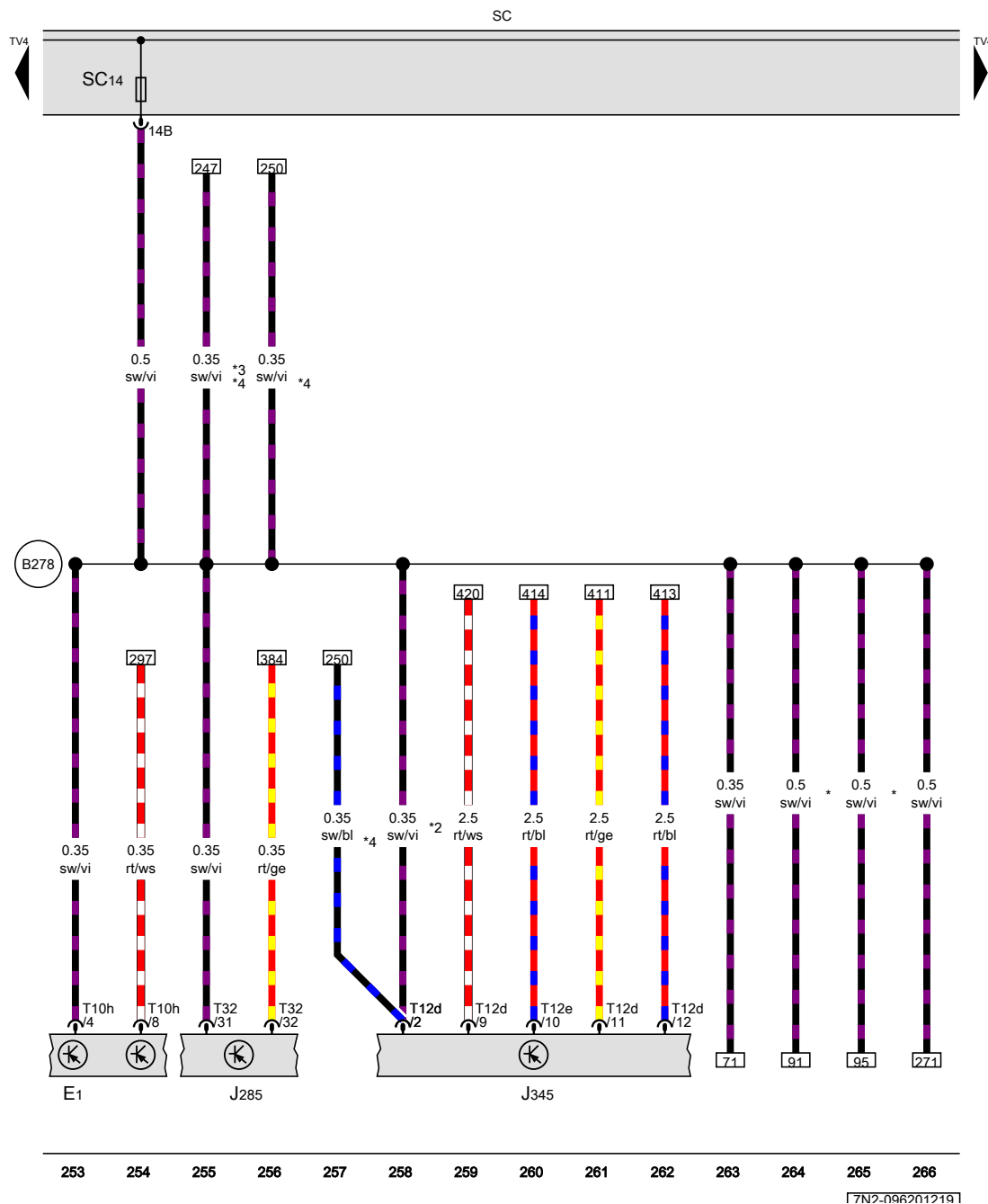
ws = white
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E461	Operating unit in front of centre console
E538	Electromechanical parking brake button
G65	High-pressure sender
G238	Air quality sensor
J428	Adaptive cruise control unit
J446	Parking aid control unit
J791	Park assist steering control unit
R242	Front camera for driver assist systems
SC	Fuse holder C
SC13	Fuse 13 on fuse holder C
T3d	3-pin connector
T3n	3-pin connector
T8ae	8-pin connector, black
T8af	8-pin connector, black
T8e	8-pin connector
T16n	16-pin connector
T18	18-pin connector
T18a	18-pin connector
T26d	26-pin connector, black
Y7	Automatic anti-dazzle interior mirror

(TV4) Terminal 15 wiring junction

- * see applicable current flow diagram
- *2 According to equipment
- *3 Up to November 2016
- *4 Up to November 2017
- *5 Up to May 2017
- *6 Up to July 2018
- *7 From November 2016
- *8 From May 2017
- *9 From November 2017
- *10 From July 2018



Fuse holder C

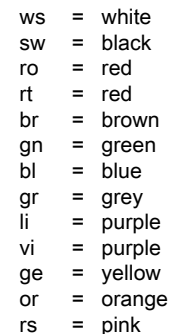
- E1 Light switch
- J285 Control unit in dash panel insert
- J345 Trailer detector control unit
- SC Fuse holder C
- SC14 Fuse 14 on fuse holder C
- T10h 10-pin connector
- T12d 12-pin connector
- T12e 12-pin connector
- T32 32-pin connector

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

TV4 Terminal 15 wiring junction

- * see applicable current flow diagram for engine
- *2 Up to November 2016
- *3 According to equipment
- *4 From November 2016

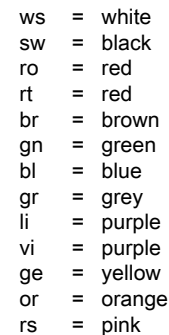
ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



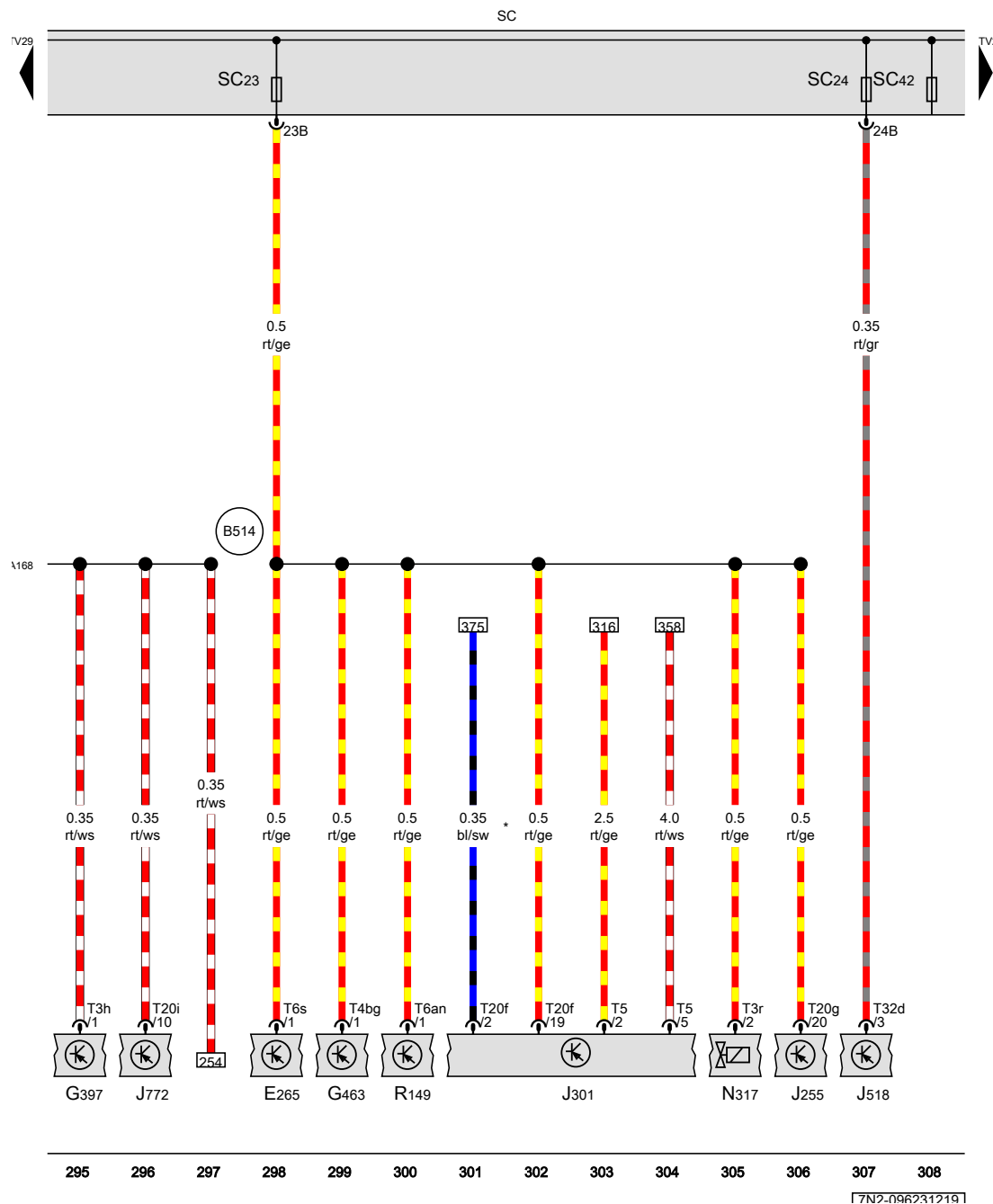
E20	Switch and instrument illumination regulator
F4	Reversing light switch
G266	Oil level and oil temperature sender
J745	Control unit for cornering light and headlight range control
MX1	Front left headlight
MX2	Front right headlight
SC	Fuse holder C
SC15	Fuse 15 on fuse holder C
T2bk	2-pin connector
T3ay	3-pin connector
T6g	6-pin connector, black
T8f	8-pin connector
T10i	10-pin connector, black
T10j	10-pin connector
T10r	10-pin connector, black
T26c	26-pin connector

(TV4) Terminal 15 wiring junction

- * see applicable current flow diagram for engine
- *2 Up to May 2017
- *3 Up to November 2018
- *4 For models with petrol engine
- *5 For models with diesel engine
- *6 From May 2017
- *7 From November 2018



E313	Selector lever
J485	Auxiliary heater operation relay
L14	Right gas discharge (xenon) bulb
MX2	Front right headlight
SC	Fuse holder C
SC16	Fuse 16 on fuse holder C
SC20	Fuse 20 on fuse holder C
SC21	Fuse 21 on fuse holder C
SC22	Fuse 22 on fuse holder C
SC25	Fuse 25 on fuse holder C
SC26	Fuse 26 on fuse holder C
SC27	Fuse 27 on fuse holder C
T9b	9-pin connector
T10l	10-pin connector
T14a	14-pin connector
T16	16-pin connector
U31	Diagnostic connection
A168	Positive connection 4 (30a) in dash panel wiring harness
A192	Positive connection 3 (15a) in dash panel wiring harness
B149	Positive connection 2 (15a), in interior wiring harness
B504	Positive connection 8 (30a), in interior wiring harness
TV4	Terminal 15 wiring junction
TV29	Terminal 30 wiring junction 4
*	Headlight with gas discharge light
*2	According to equipment
*3	Up to November 2016
*4	For models with refrigerant R1234yf
*5	For models with auxiliary coolant heater (supplementary heater)
*6	From November 2016



Fuse holder C

- E265 Operating and display unit for rear air conditioning system
- G397 Rain and light sensor
- G463 Rear blower regulation sender
- J255 Climatronic control unit
- J301 Air conditioning system control unit
- J518 Entry and start authorisation control unit
- J772 Reversing camera system control unit
- N317 2nd heat exchanger switch-off valve
- R149 Remote control receiver for auxiliary coolant heater
- SC Fuse holder C
- SC23 Fuse 23 on fuse holder C
- SC24 Fuse 24 on fuse holder C
- SC42 Fuse 42 on fuse holder C
- T3h 3-pin connector
- T3r 3-pin connector
- T4bg 4-pin connector
- T5 5-pin connector, black
- T6an 6-pin connector
- T6s 6-pin connector
- T20f 20-pin connector
- T20g 20-pin connector
- T20i 20-pin connector, black
- T32d 32-pin connector

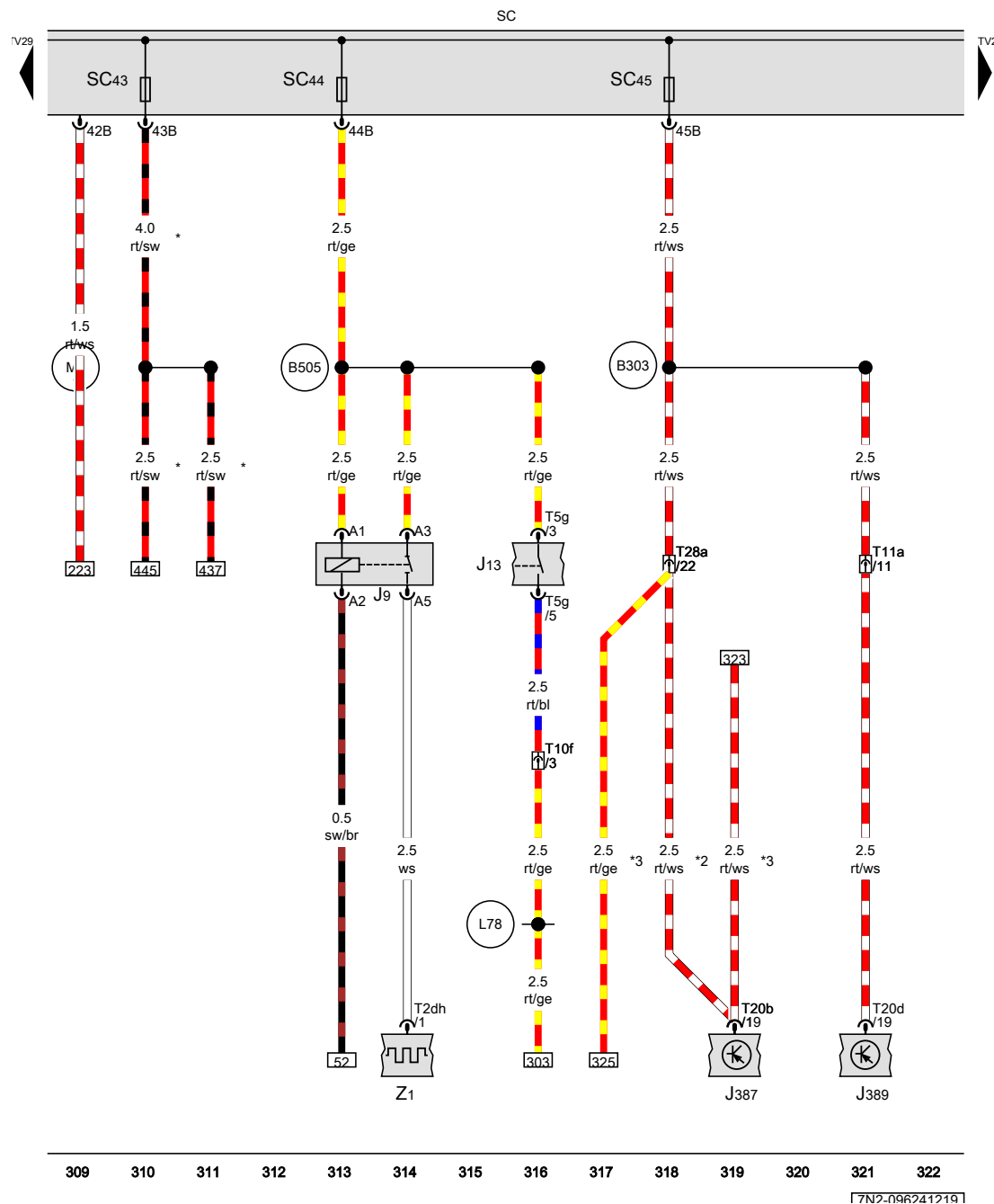
A168 Positive connection 4 (30a) in dash panel wiring harness

B514 Positive connection 10 (30a), in interior wiring harness

TV29 Terminal 30 wiring junction 4

* For models with refrigerant R1234yf

- ws = white
- sw = black
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- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
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- rs = pink



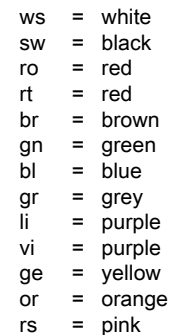
Fuse holder C

- J9 Heated rear window relay, behind dash panel, left
- J13 Fresh air blower relay
- J387 Front passenger door control unit
- J389 Rear right door control unit
- SC Fuse holder C
- SC43 Fuse 43 on fuse holder C
- SC44 Fuse 44 on fuse holder C
- SC45 Fuse 45 on fuse holder C
- T2dh 2-pin connector
- T5g 5-pin connector
- T10f 10-pin connector
- T11a 11-pin connector
- T20b 20-pin connector
- T20d 20-pin connector
- T28a 28-pin connector
- Z1 Heated rear window

- B303 Positive connection 7 (30), in main wiring harness
- B505 Positive connection 9 (30a), in interior wiring harness
- L78 Connection 1, in fresh air blower wiring harness
- M9 Connection, in seat adjustment wiring harness
- TV29 Terminal 30 wiring junction 4

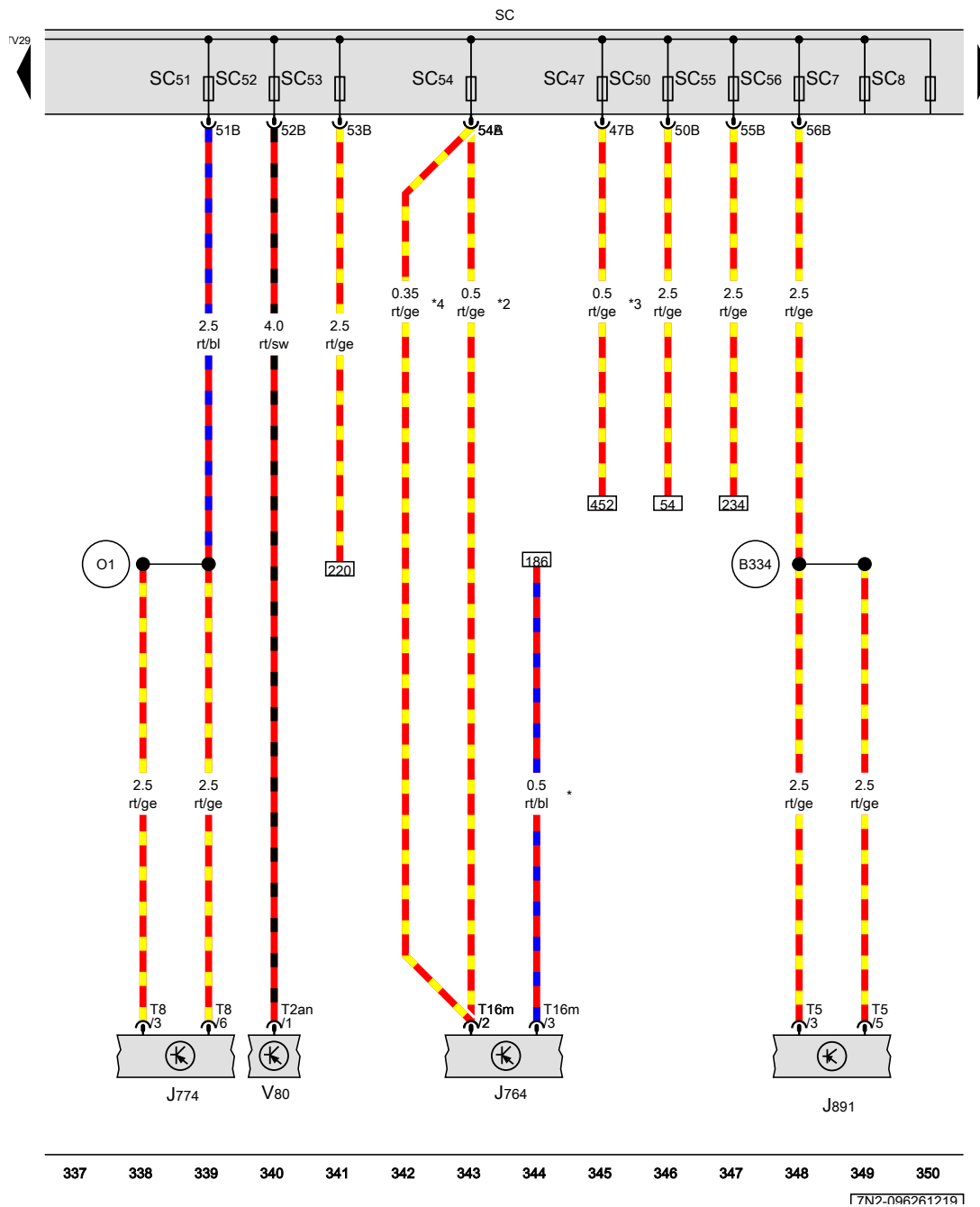
- * Up to May 2017
- *2 For left-hand drive models
- *3 For right-hand drive models

ws = white
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GX19	Delivery unit for reducing agent metering system
G273	Interior monitoring sensor
G384	Vehicle inclination sender
G578	Anti-theft alarm sensor
H12	Alarm horn
J386	Driver door control unit
J388	Rear left door control unit
J963	Relay for reducing agent metering system
SC	Fuse holder C
SC46	Fuse 46 on fuse holder C
SC48	Fuse 48 on fuse holder C
SC49	Fuse 49 on fuse holder C
T3o	3-pin connector
T4by	4-pin connector, black
T4m	4-pin connector
T5af	5-pin connector, black
T5ah	5-pin connector, black
T11	11-pin connector
T20a	20-pin connector
T20c	20-pin connector
T28	28-pin connector

- B161 Connection (ATA), in interior wiring harness
 - B320 Positive connection 6 (30a) in main wiring harness
 - B358 Positive connection 9 (87a) in main wiring harness
 - TV29 Terminal 30 wiring junction 4
- * For left-hand drive models
*2 For right-hand drive models
*3 see applicable current flow diagram for engine



Fuse holder C

- J764 Control unit for electronic steering column lock
- J774 Heated front seats control unit
- J891 Control unit for reducing agent heater
- SC Fuse holder C
- SC7 Fuse 7 on fuse holder C
- SC8 Fuse 8 on fuse holder C
- SC47 Fuse 47 on fuse holder C
- SC50 Fuse 50 on fuse holder C
- SC51 Fuse 51 on fuse holder C
- SC52 Fuse 52 on fuse holder C
- SC53 Fuse 53 on fuse holder C
- SC54 Fuse 54 on fuse holder C
- SC55 Fuse 55 on fuse holder C
- SC56 Fuse 56 on fuse holder C
- T2an 2-pin connector
- T5 5-pin connector, black
- T8 8-pin connector, black
- T16m 16-pin connector
- V80 Rear fresh air blower

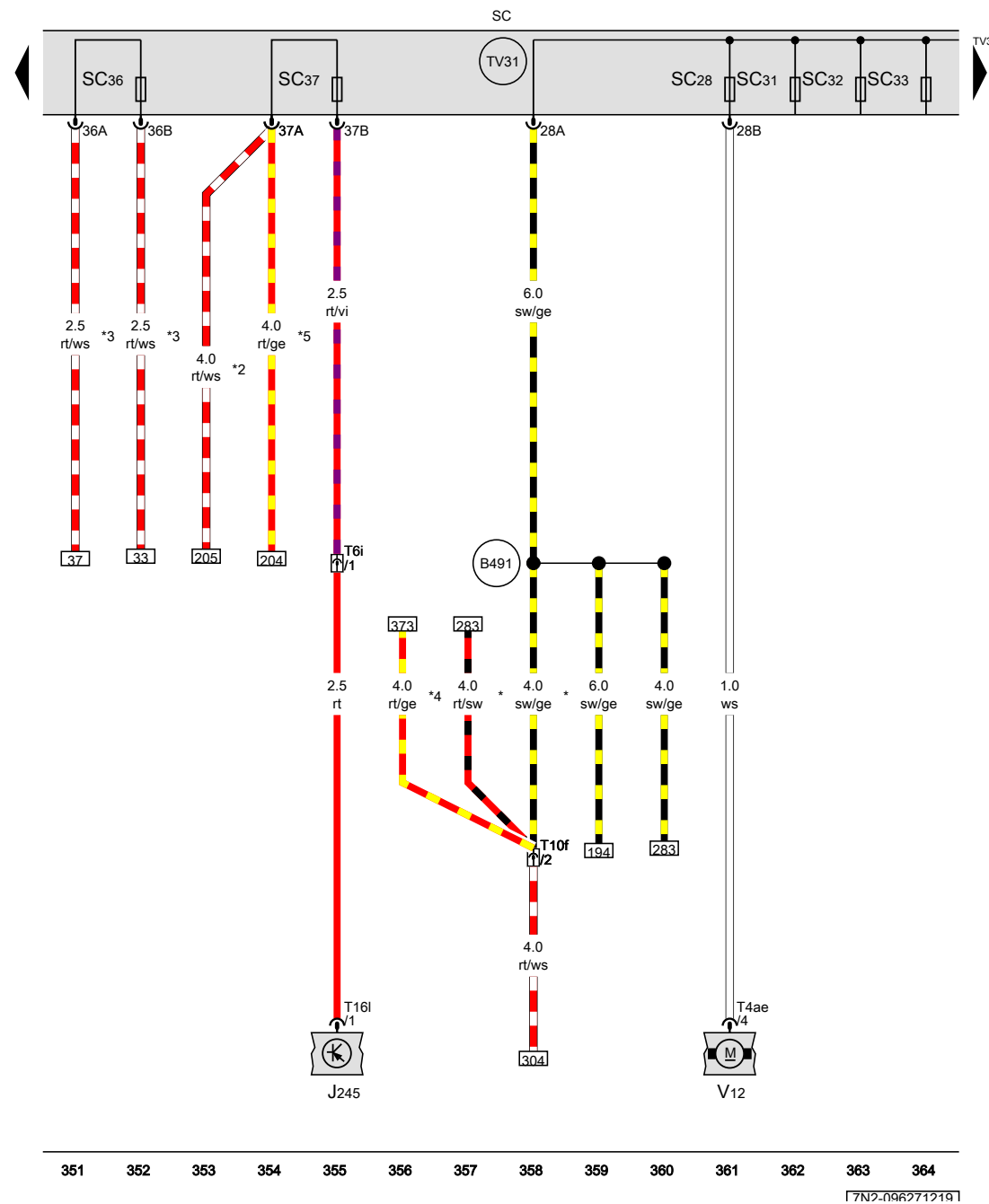
B334 Positive connection 20 (30a) in main wiring harness

O1 Positive connection (30), in seat heating wiring harness

TV29 Terminal 30 wiring junction 4

- * For models with entry and start authorisation
- *2 Up to May 2017
- *3 For models with taxi equipment
- *4 From May 2017

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- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
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Fuse holder C

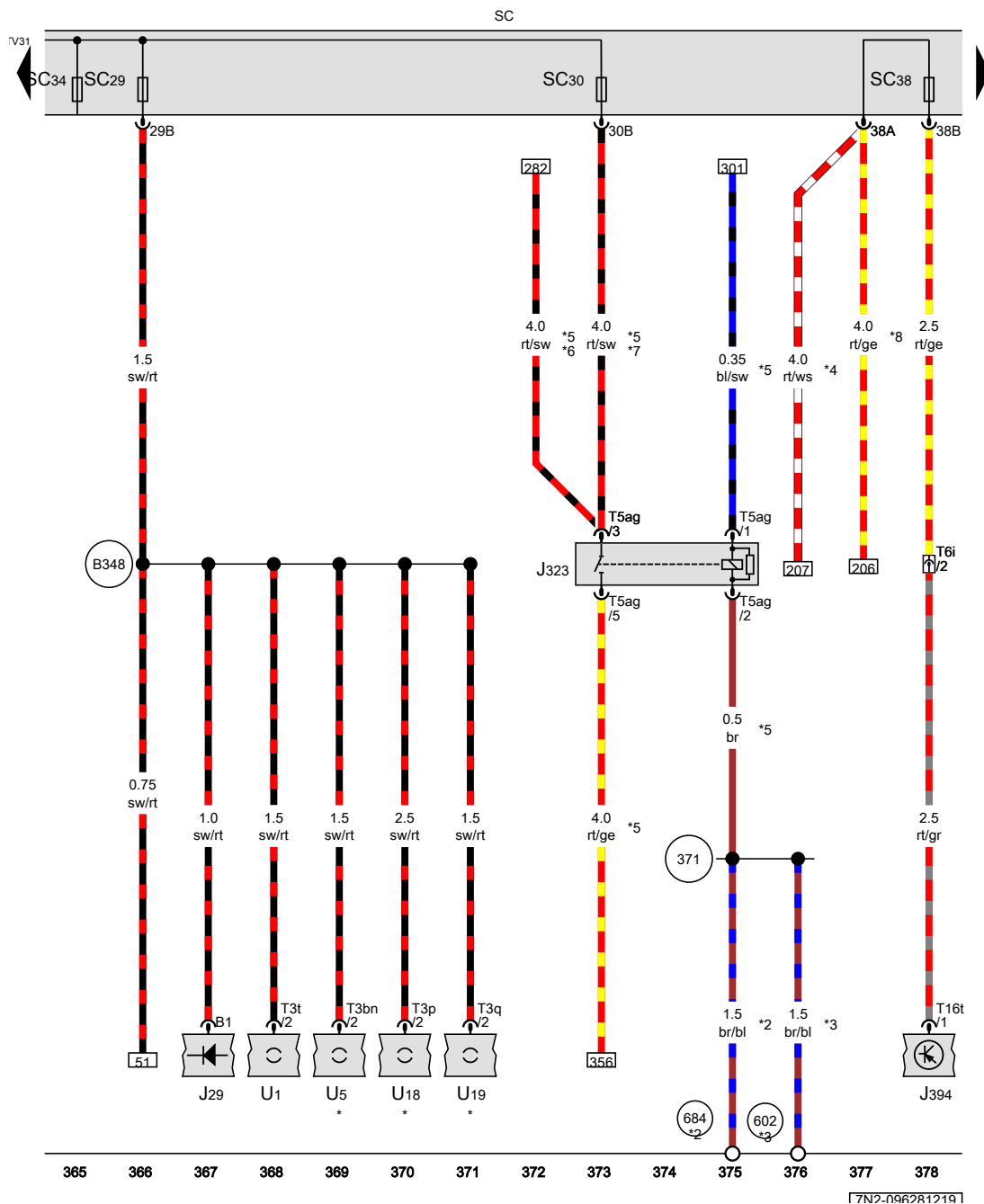
- J245 Sliding sunroof adjustment control unit
- SC Fuse holder C
- SC28 Fuse 28 on fuse holder C
- SC31 Fuse 31 on fuse holder C
- SC32 Fuse 32 on fuse holder C
- SC33 Fuse 33 on fuse holder C
- SC36 Fuse 36 on fuse holder C
- SC37 Fuse 37 on fuse holder C
- T4ae 4-pin connector
- T6i 6-pin connector
- T10f 10-pin connector
- T16i 16-pin connector
- V12 Rear window wiper motor

B491 Positive connection (75), in interior wiring harness

TV31 Terminal 75 wiring junction

- * According to equipment
- *2 Up to November 2017
- *3 For models with equipment for Japan
- *4 For models with refrigerant R1234yf
- *5 From November 2017

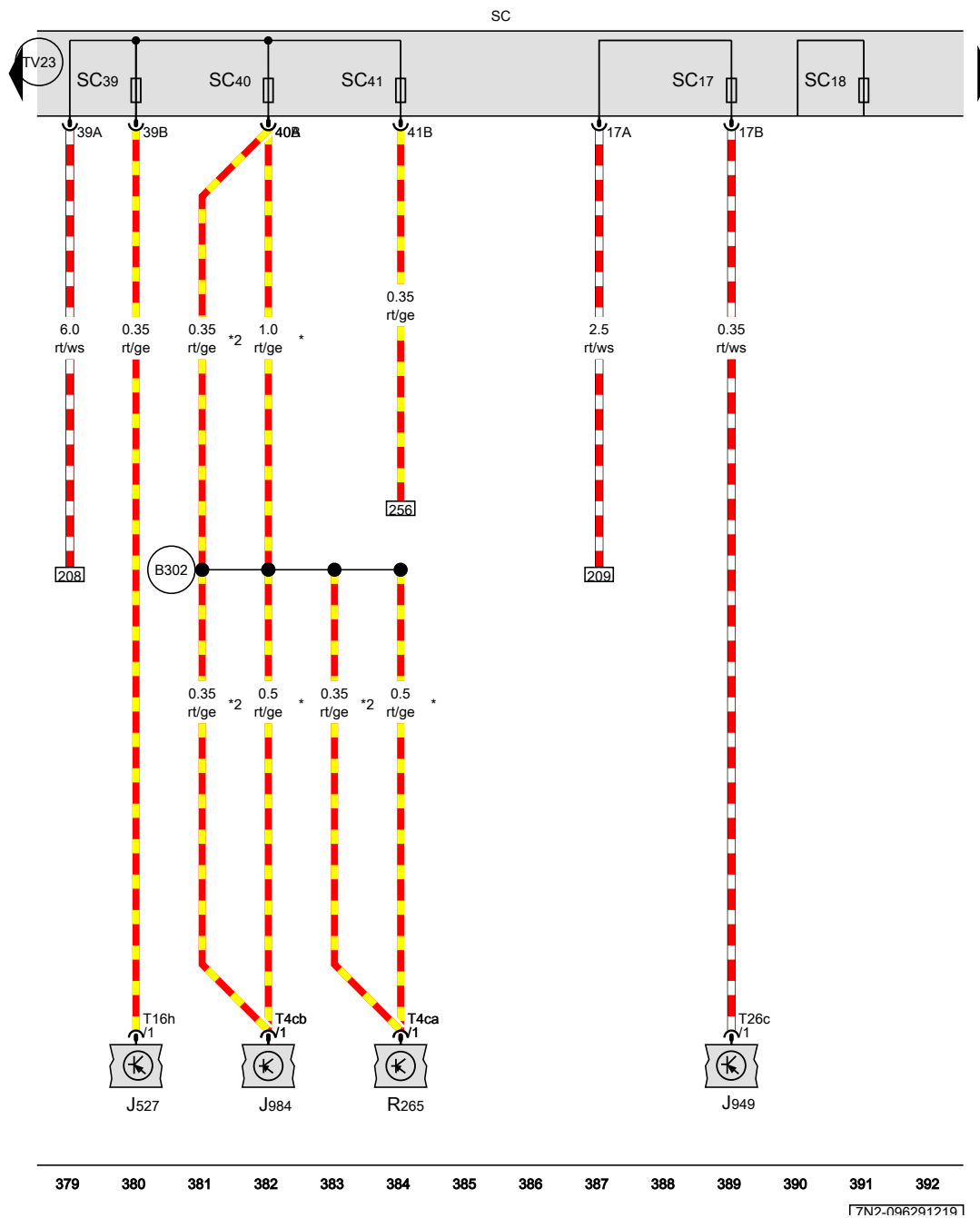
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



Blower relay, Fuse holder C

- J29 Blocking diode
- J323 Blower relay
- J394 Sunroof roller blind control unit
- SC Fuse holder C
- SC29 Fuse 29 on fuse holder C
- SC30 Fuse 30 on fuse holder C
- SC34 Fuse 34 on fuse holder C
- SC38 Fuse 38 on fuse holder C
- T3bn 3-pin connector
- T3p 3-pin connector
- T3q 3-pin connector
- T3t 3-pin connector
- T5ag 5-pin connector, black
- T6i 6-pin connector
- T16t 16-pin connector
- U1 Cigarette lighter
- U5 12 V socket, in centre console
- U18 12 V socket 2
- U19 12 V socket 3
- 371 Earth connection 6, in main wiring harness
- 602 Earth point, in front left footwell
- 684 Earth point on front of left side member
- B348 Connection 1 (75a), in main wiring harness
- TV31 Terminal 75 wiring junction
- * According to equipment
- *2 Up to November 2018
- *3 From November 2018
- *4 Up to November 2017
- *5 For models with refrigerant R1234yf
- *6 For models with auxiliary coolant heater (supplementary heater)
- *7 For models with no auxiliary coolant heater
- *8 From November 2017

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



Fuse holder C

- J527 Steering column electronics control unit
- J949 Emergency call module control unit and communication unit
- J984 Two-way signal amplifier for mobile telephone/data services
- R265 Storage compartment with interface for mobile telephone
- SC Fuse holder C
- SC17 Fuse 17 on fuse holder C
- SC18 Fuse 18 on fuse holder C
- SC39 Fuse 39 on fuse holder C
- SC40 Fuse 40 on fuse holder C
- SC41 Fuse 41 on fuse holder C
- T4ca 4-pin connector, brown
- T4cb 4-pin connector, black
- T16h 16-pin connector
- T26c 26-pin connector

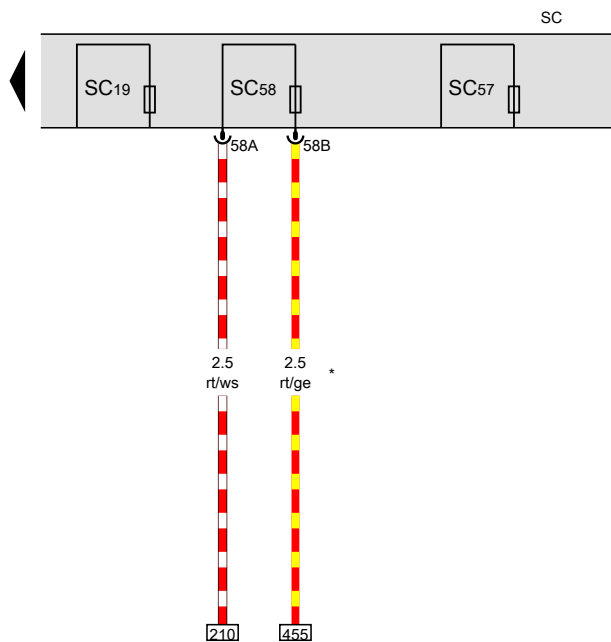
B302 Positive connection 6 (30), in main wiring harness

TV23 Push-in bridge

* Up to May 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



Fuse holder C

- SC Fuse holder C
- SC19 Fuse 19 on fuse holder C
- SC57 Fuse 57 on fuse holder C
- SC58 Fuse 58 on fuse holder C
- * For models with taxi equipment

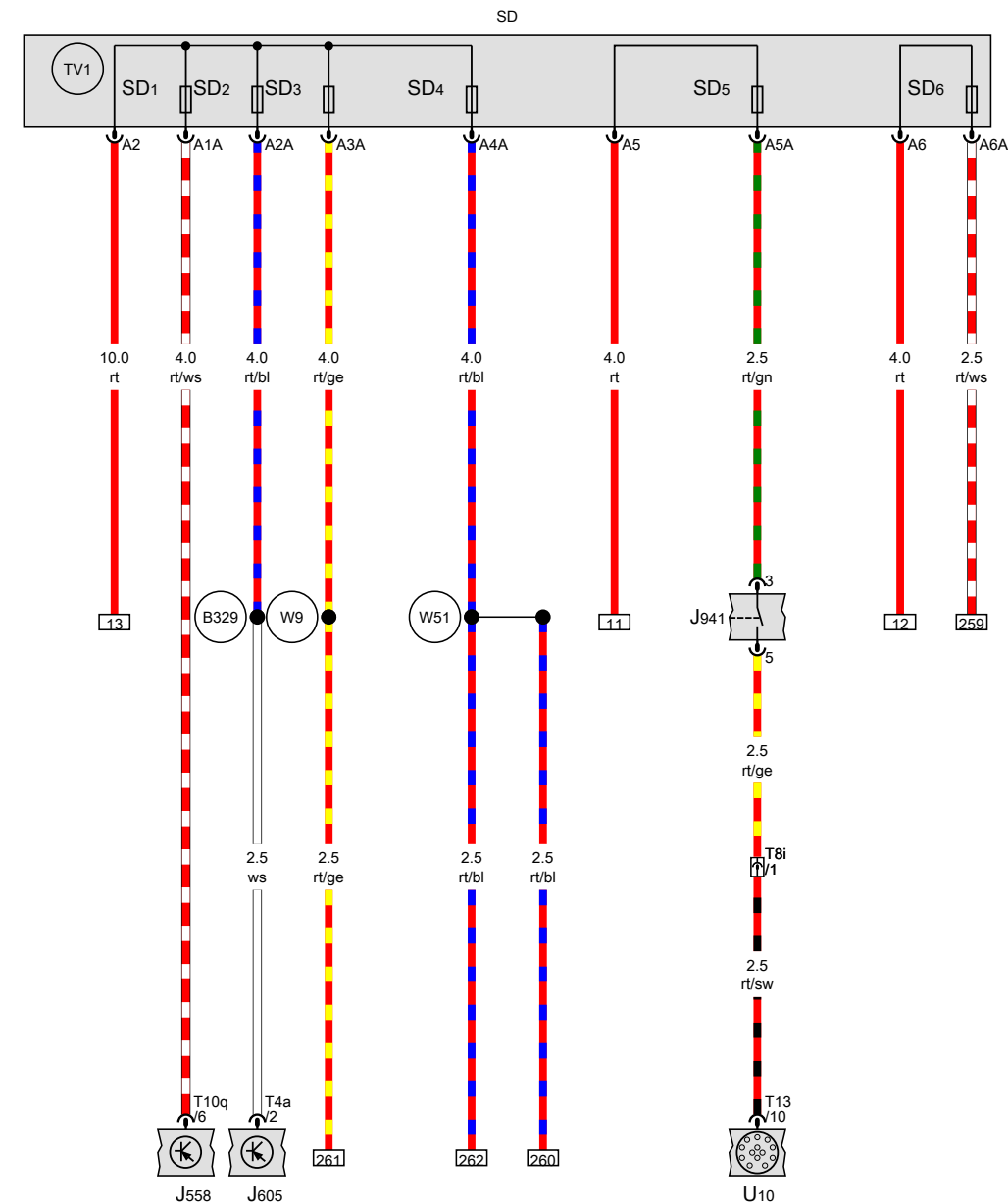
ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

Fuse holder D

- J558 Left sliding door control unit
- J605 Rear lid control unit
- J941 Trailer voltage supply relay
- 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
- SD5 Fuse 5 on fuse holder D
- SD6 Fuse 6 on fuse holder D
- T4a 4-pin connector
- T8i 8-pin connector
- T10q 10-pin connector
- T13 13-pin connector
- U10 Trailer socket

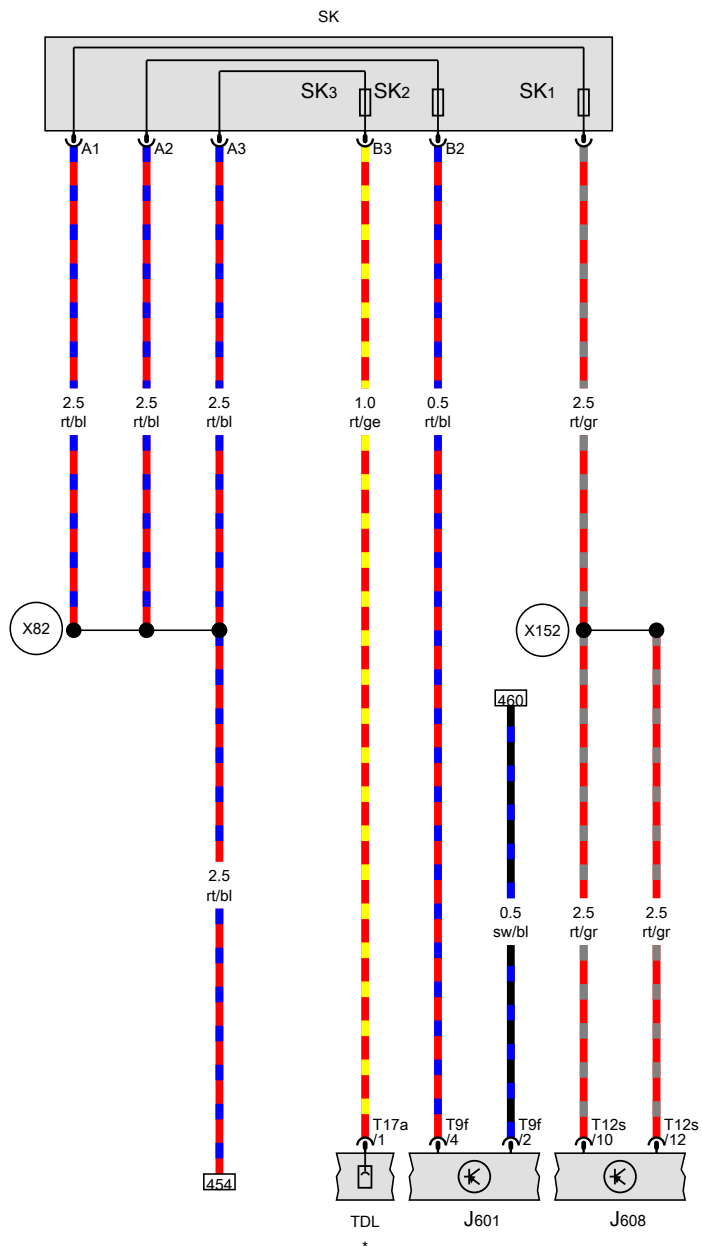
- B329 Positive connection 15 (30a) in main wiring harness
- TV1 Wiring junction
- W9 Positive connection 1 (30), in rear wiring harness
- W51 Positive connection 2 (30), in rear wiring harness

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



407 408 409 410 411 412 413 414 415 416 417 418 419 420

[7N2-096311219]



Fuse holder K

- J601 Taxi alarm remote control, control unit, under driver seat
- J608 Special vehicle control unit
- SK Fuse holder K
- SK1 Fuse 1 on fuse holder K
- SK2 Fuse 2 on fuse holder K
- SK3 Fuse 3 on fuse holder K
- T9f 9-pin connector, black
- T12s 12-pin connector, black
- T17a 17-pin connector, black
- TDL Coupling point on left D-pillar

X82 Positive connection 1 (30a), in taxi wiring harness

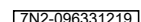
X152 Positive connection 2 (15), in taxi wiring harness

* Connection for 2-way radio

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

421 422 423 424 425 426 427 428 429 430 431 432 433 434

17N2-096321219



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

B301	Positive connection 5 (30), in main wiring harness
M1	Positive connection 1 (30), in seat adjustment wiring harness
M2	Positive connection 2 (30), in seat adjustment wiring harness
*	From May 2017
*2	Up to May 2017
*3	According to equipment
*4	Up to July 2018
*5	Different wire colour possible
*6	From July 2018

Coupling point in interior, below left

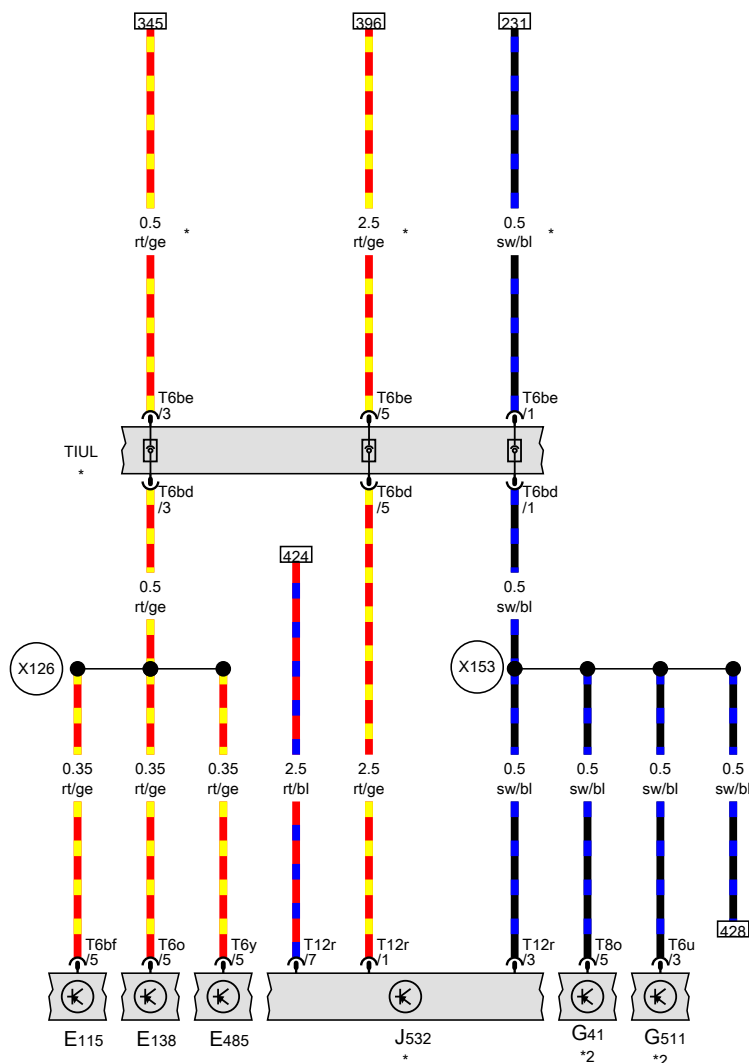
- E115 Interior light switch (taxi)
- E138 Taxi sign switch
- E485 Taxi alarm active button
- G41 Taximeter, in centre console
- G511 Mirror taximeter
- J532 Voltage stabiliser
- T6bd 6-pin connector, black
- T6be 6-pin connector, black
- T6bf 6-pin connector, black
- T6o 6-pin connector, black
- T6u 6-pin connector, blue
- T6y 6-pin connector, black
- T8o 8-pin connector, black
- T12r 12-pin connector, black
- TIUL Coupling point in interior, below left

X126 Positive connection 2 (30a), in taxi wiring harness

X153 Positive connection 3 (15), in taxi wiring harness

* For models with taxi equipment

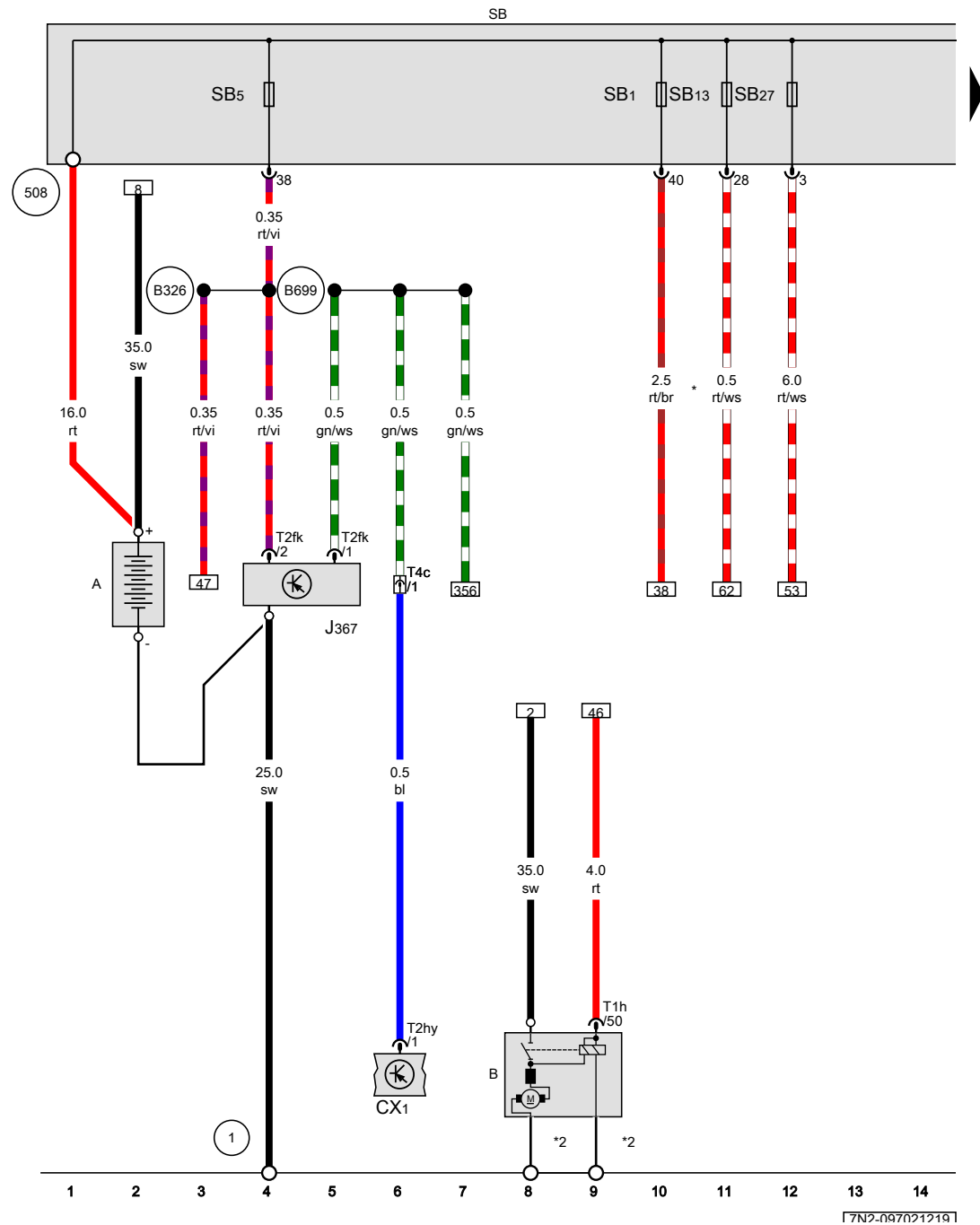
*2 Optional installation



- ws = white
- 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 , DFLA,DFLD,DFMA,DLTA,DLTC,DLUB

From May 2016

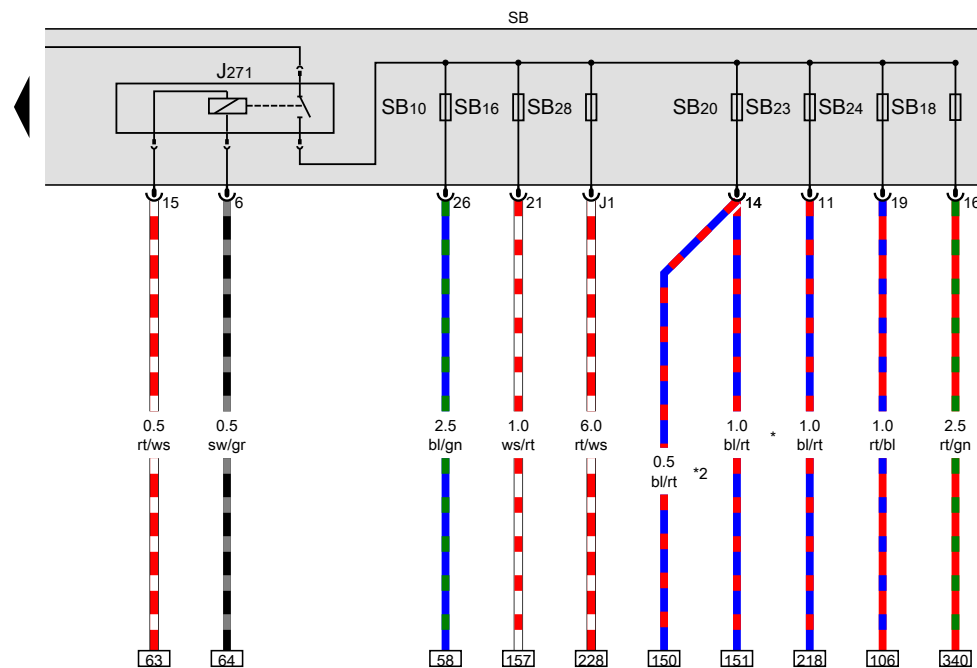


Battery, Starter, Alternator with voltage regulator, Battery monitor control unit, Fuse holder B

- | | |
|------|--|
| A | Battery |
| B | Starter |
| CX1 | Alternator with voltage regulator |
| J367 | Battery monitor control unit, on earth cable battery clamp |
| SB | Fuse holder B |
| SB1 | Fuse 1 on fuse holder B |
| SB5 | Fuse 5 on fuse holder B |
| SB13 | Fuse 13 on fuse holder B |
| SB27 | Fuse 27 on fuse holder B |
| T1h | 1-pin connector, black |
| T2fk | 2-pin connector, yellow |
| T2hy | 2-pin connector, black |
| T4c | 4-pin connector, black |
| 1 | Earth strap, battery - body |
| 508 | Threaded connection (30) on E-box |
| B326 | Positive connection 12 (30a) in main wiring harness |
| B699 | Connection 4 (LIN bus) in main wiring harness |
| * | For models with equipment for Japan |
| *2 | Earth supply via housing |

Volkswagen Technical Site: <https://vwts.ru>

ws	=	white
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, Fuse holder B

- J271 Main relay
- SB Fuse holder B
- SB10 Fuse 10 on fuse holder B
- SB16 Fuse 16 on fuse holder B
- SB18 Fuse 18 on fuse holder B
- SB20 Fuse 20 on fuse holder B
- SB23 Fuse 23 on fuse holder B
- SB24 Fuse 24 on fuse holder B
- SB28 Fuse 28 on fuse holder B
- * Up to May 2017
- *2 From May 2017

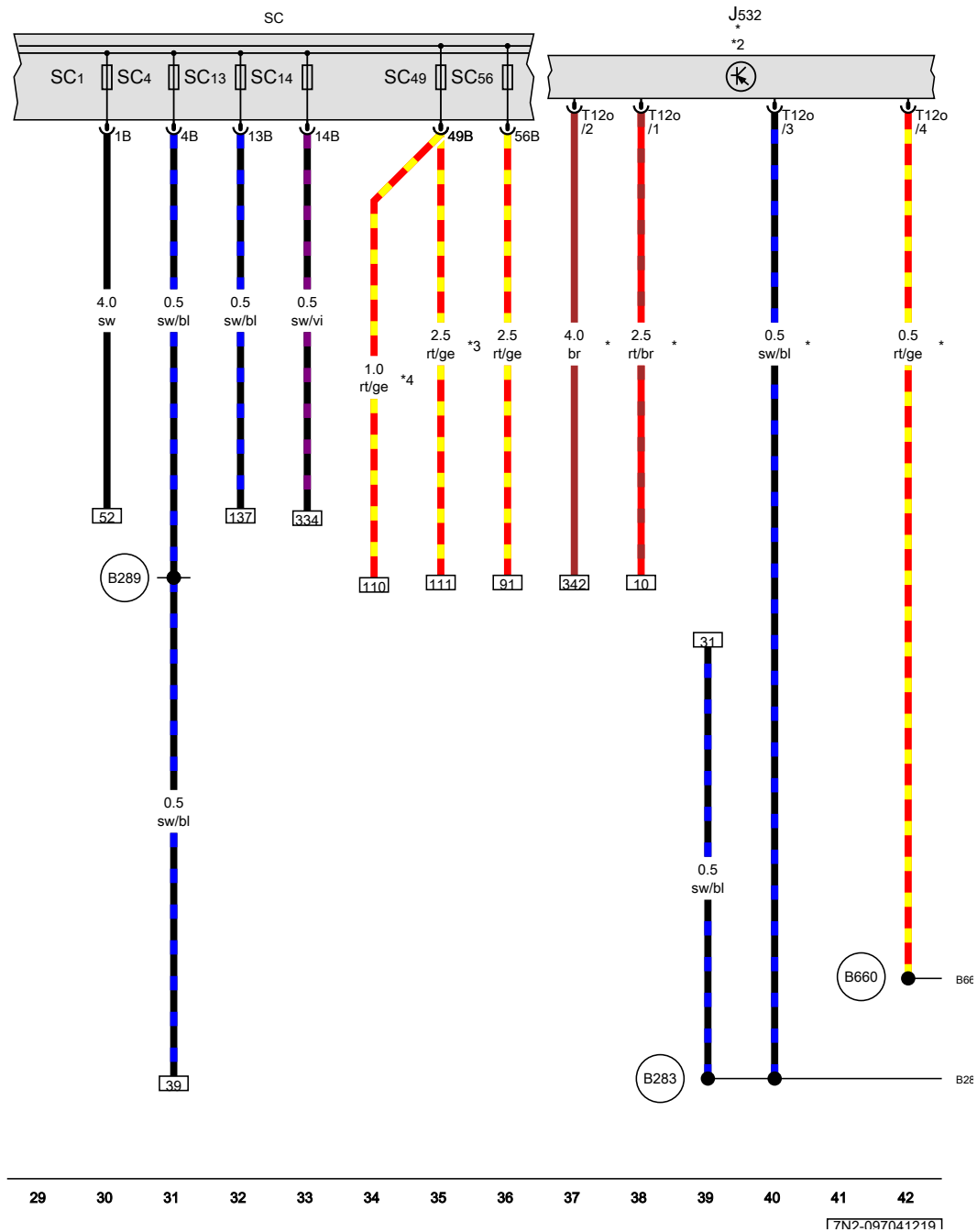
ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

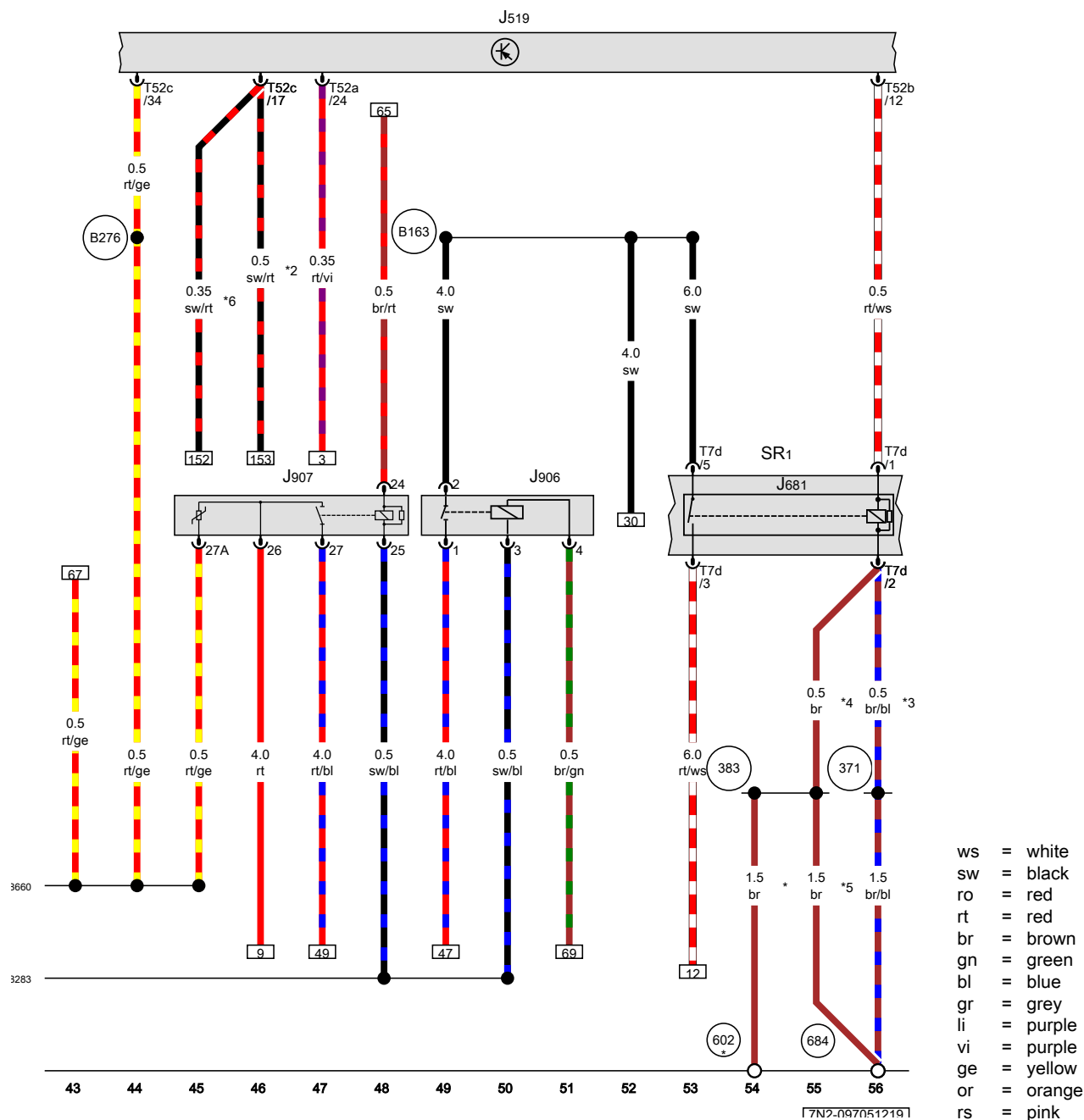
Voltage stabiliser, Fuse holder C

- J532 Voltage stabiliser
- SC Fuse holder C
- SC1 Fuse 1 on fuse holder C
- SC4 Fuse 4 on fuse holder C
- SC13 Fuse 13 on fuse holder C
- SC14 Fuse 14 on fuse holder C
- SC49 Fuse 49 on fuse holder C
- SC56 Fuse 56 on fuse holder C
- T12o 12-pin connector, red

- B283 Positive connection 7 (15a) in main wiring harness
- B289 Positive connection 13 (15a) in main wiring harness
- B660 Connection (diagnosis terminal 50), in main wiring harness

- * For models with equipment for Japan
- *2 see applicable current flow diagram for fuse assignment
- *3 Up to July 2018
- *4 From July 2018





Onboard supply control unit, Terminal 15 voltage supply relay 2, Starter relay 1, Starter relay 2, Relay and fuse carrier 1

- J519 Onboard supply control unit
- J681 Terminal 15 voltage supply relay 2
- J906 Starter relay 1
- J907 Starter relay 2
- SR1 Relay and fuse carrier 1
- T7d 7-pin connector, black
- T52a 52-pin connector, black
- T52b 52-pin connector, colourless
- T52c 52-pin connector, brown

- 371 Earth connection 6, in main wiring harness
- 383 Earth connection 18, in main wiring harness
- 602 Earth point, in front left footwell
- 684 Earth point on front of left side member
- B163 Positive connection 1 (15), in interior wiring harness
- B276 Positive connection (50), in main wiring harness
- B283 Positive connection 7 (15a) in main wiring harness
- B660 Connection (diagnosis terminal 50), in main wiring harness

- * From November 2018
- *2 Up to May 2017
- *3 Up to November 2016
- *4 From November 2016
- *5 Up to November 2018
- *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

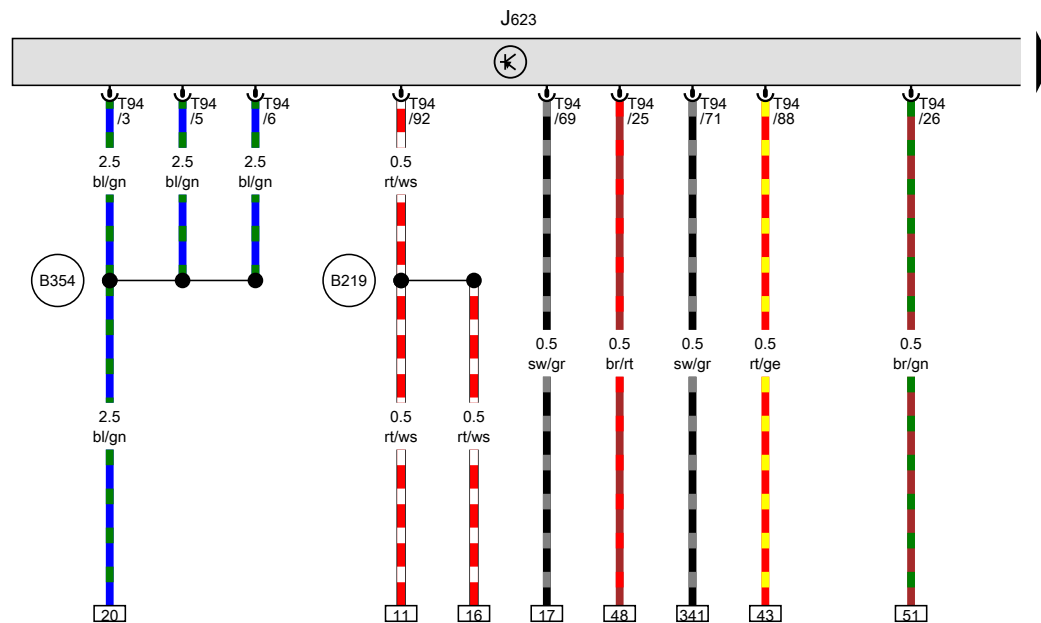
Engine/motor control unit

J623 Engine/motor control unit

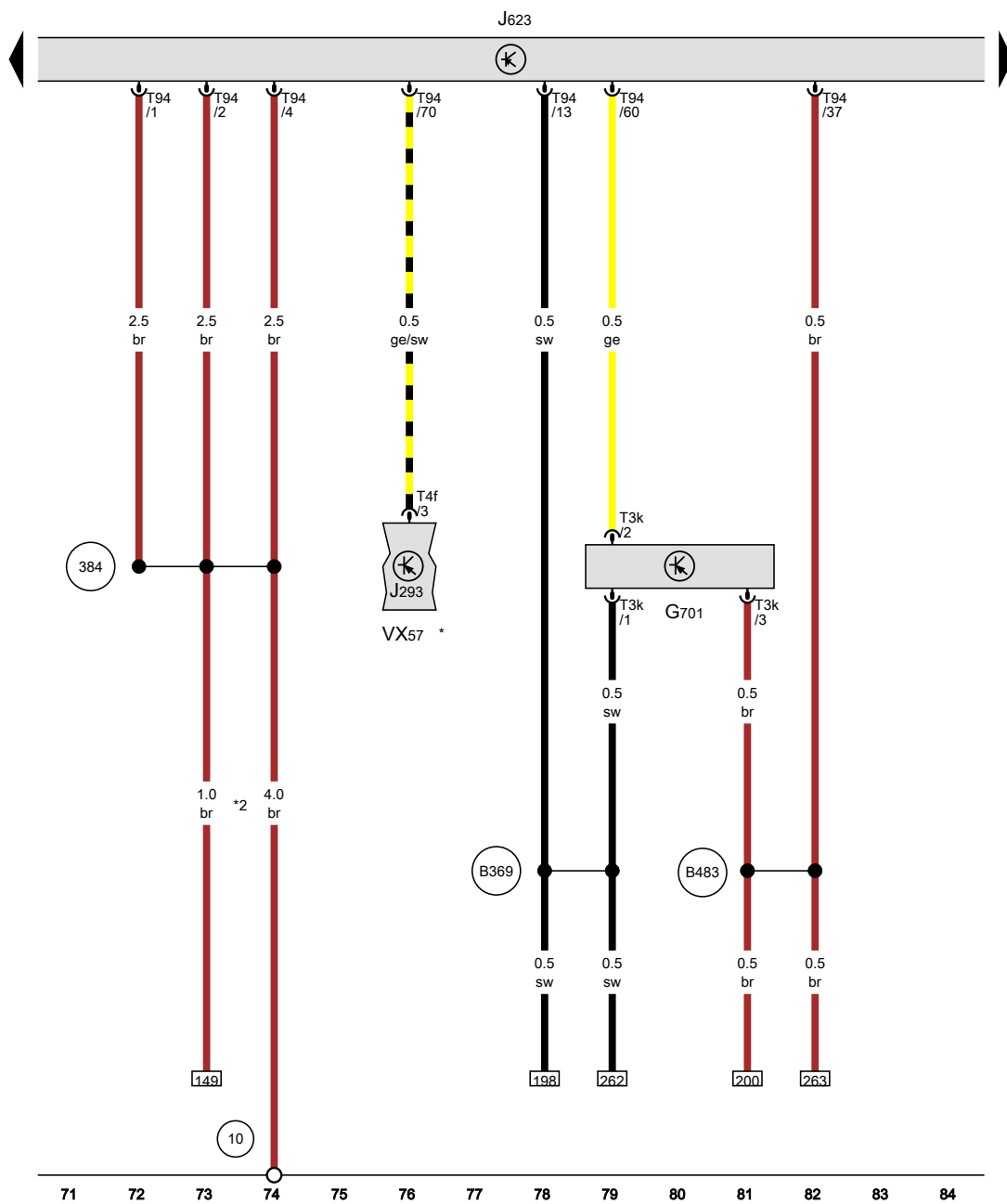
T94 94-pin connector, black

B219 Positive connection 4 (30a), in interior wiring harness

B354 Positive connection 5 (87a) in main wiring harness



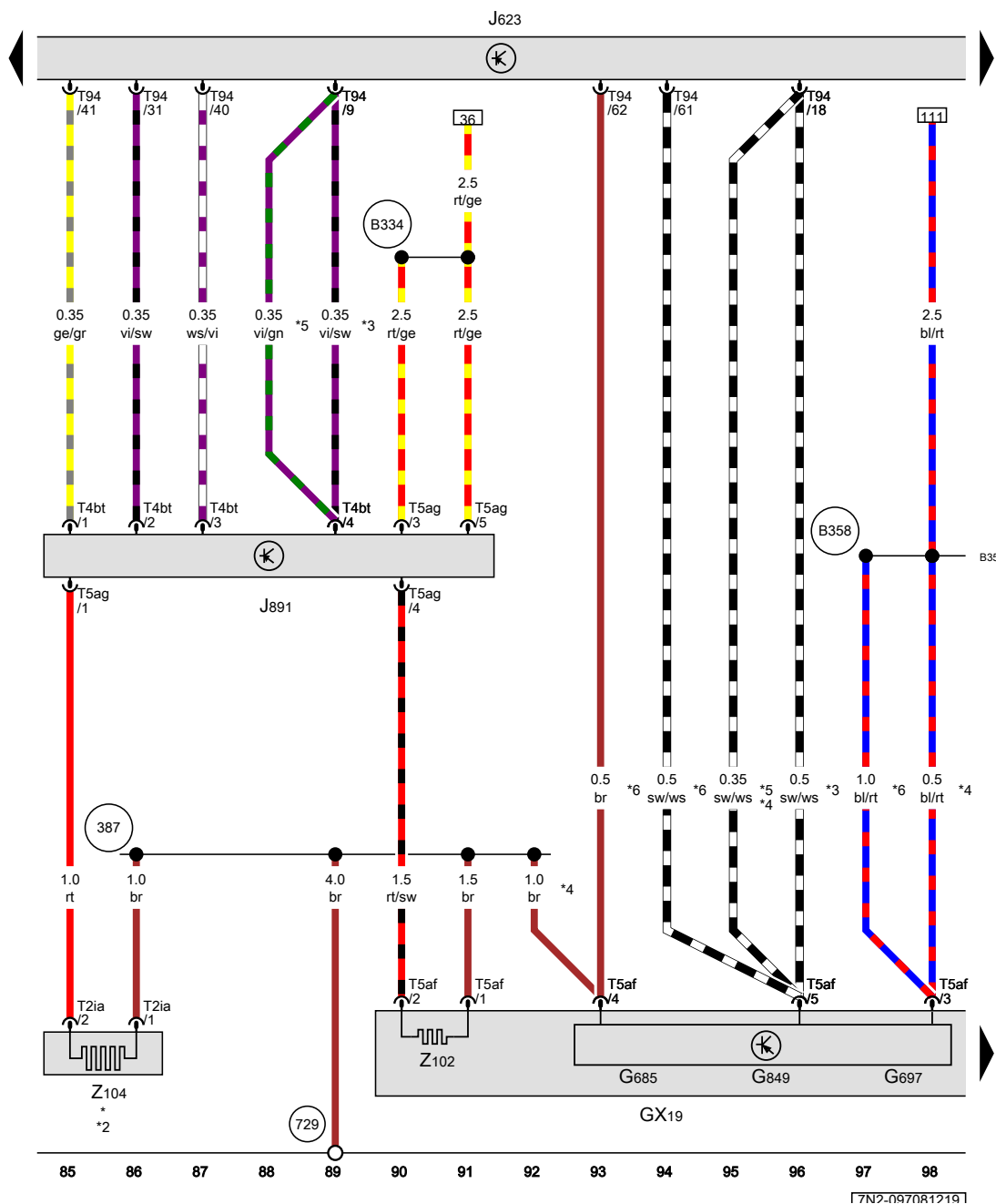
ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



Gearbox neutral position sender, Engine/motor control unit, Radiator fan

- G701 Gearbox neutral position sender
- J293 Radiator fan control unit
- J623 Engine/motor control unit
- T3k 3-pin connector, black
- T4f 4-pin connector, black
- T94 94-pin connector, black
- VX57 Radiator fan

- 10 Earth point, in plenum chamber
- 384 Earth connection 19, in main wiring harness
- B369 Connection 1 (5V), in main wiring harness
- B483 Connection 19, in main wiring harness
- * Pre-wired component
- *2 For models with manual gearbox



Delivery unit for reducing agent metering system, Temperature sender for reducing agent, Reducing agent level sender, Reducing agent quality sensor, Engine/motor control unit, Control unit for reducing agent heater, Heater for reducing agent tank (heater circuit 1), Heater for reducing agent line (heater circuit 2)

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
T2ia	2-pin connector, black
T4bt	4-pin connector, black
T5af	5-pin connector, black
T5ag	5-pin connector, black
T94	94-pin connector, black
Z102	Heater for reducing agent tank (heater circuit 1)
Z104	Heater for reducing agent line (heater circuit 2)

387 Earth connection 22, in main wiring harness

(729) Earth point, on left rear wheel housing

(B334) Positive connection 20 (30a) in main wiring harness

(B358) Positive connection 9 (87a) in main wiring harness

* Pre-wired component

*2 Heater for reducing agent line can comprise multiple sections

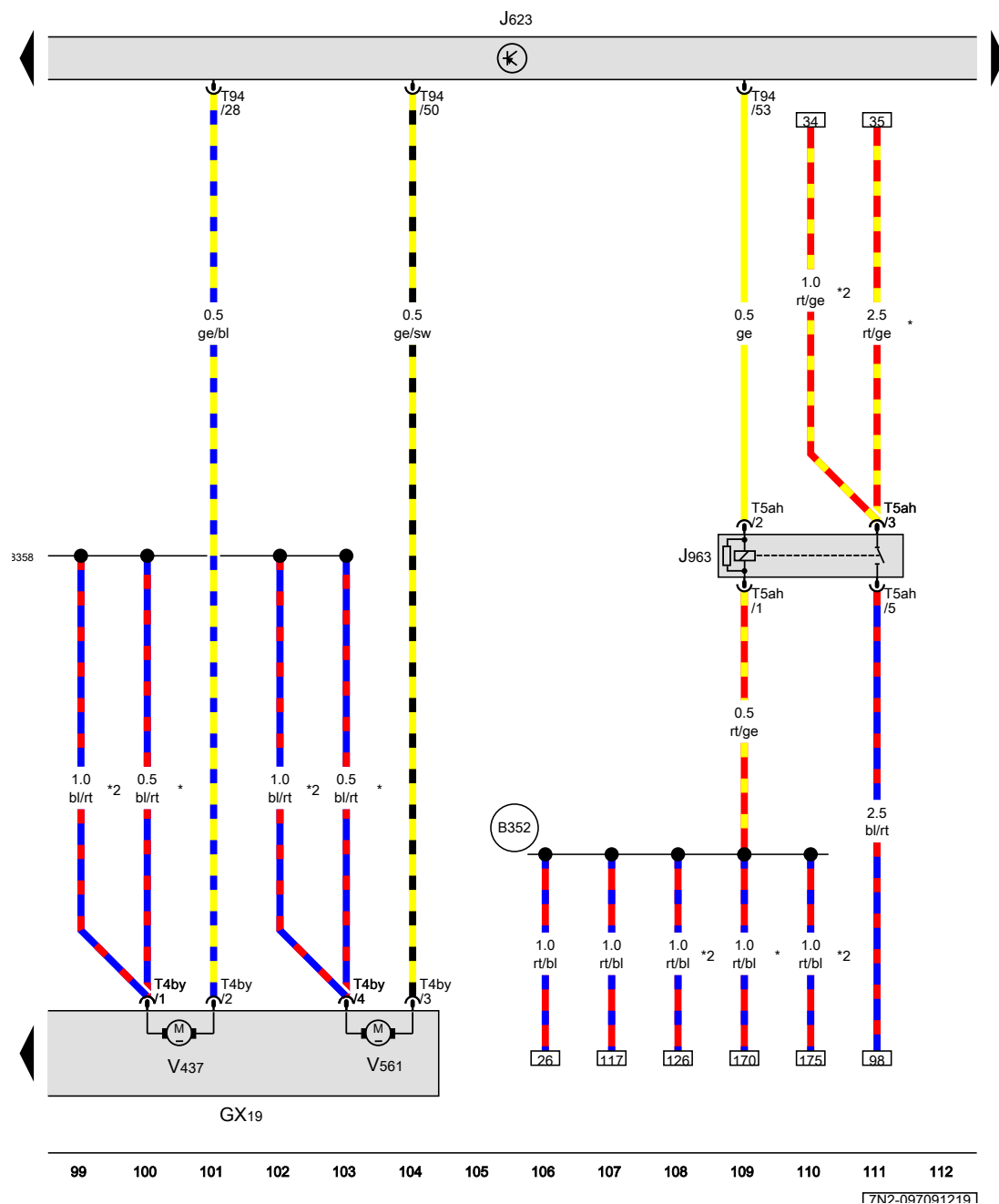
*3 Up to May 2017

*4 Up to July 2018

*5 From May 2017

*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



Delivery unit for reducing agent metering system, Engine/motor control unit, Relay for reducing agent metering system, Pump for reducing agent, Reducing agent return flow pump

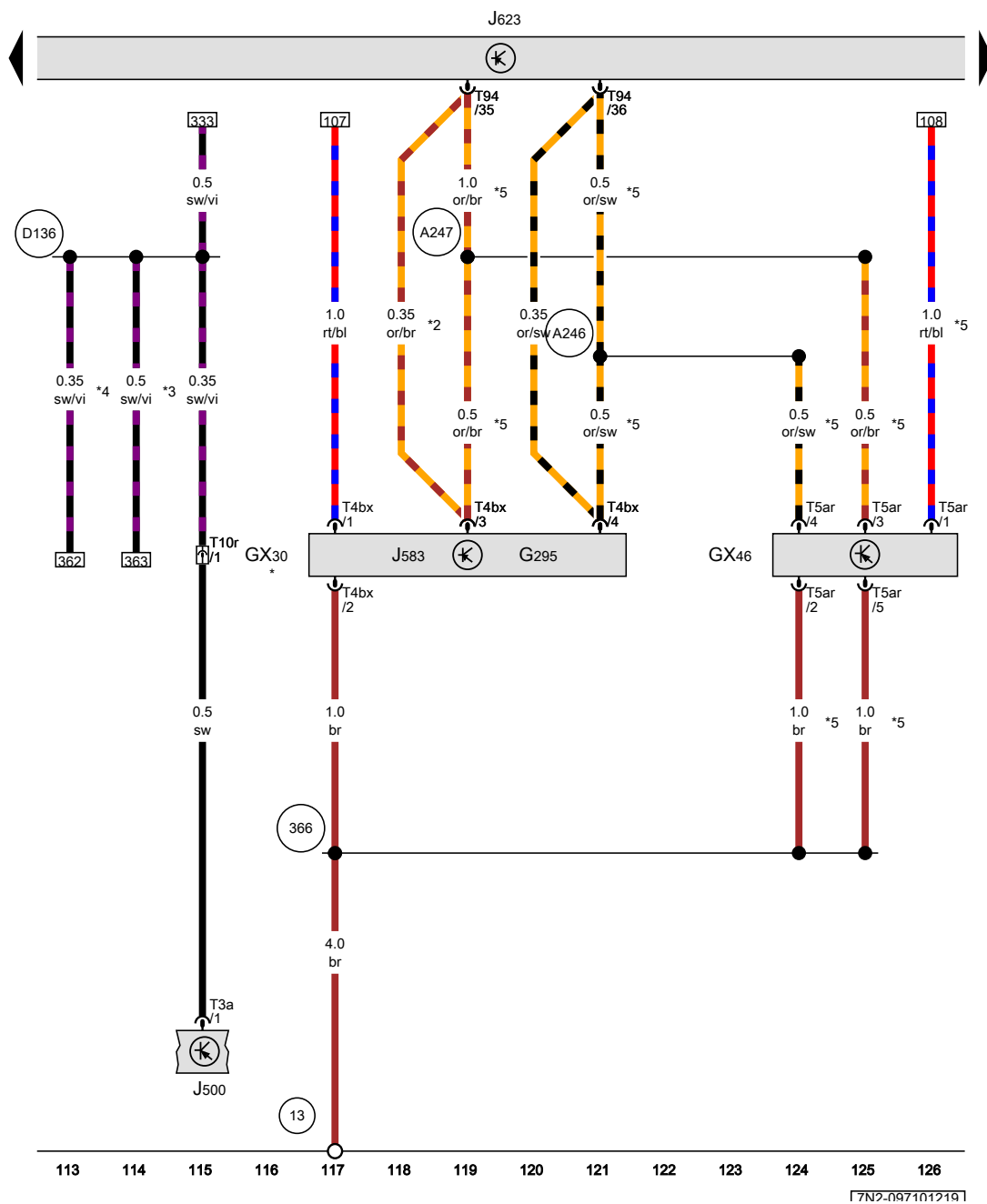
- GX19 Delivery unit for reducing agent metering system
- J623 Engine/motor control unit
- J963 Relay for reducing agent metering system
- T4by 4-pin connector, black
- T5ah 5-pin connector, black
- T94 94-pin connector, black
- V437 Pump for reducing agent
- V561 Reducing agent return flow pump

B352 Positive connection 3 (87a) in main wiring harness

B358 Positive connection 9 (87a) in main wiring harness

* Up to July 2018

*2 From July 2018

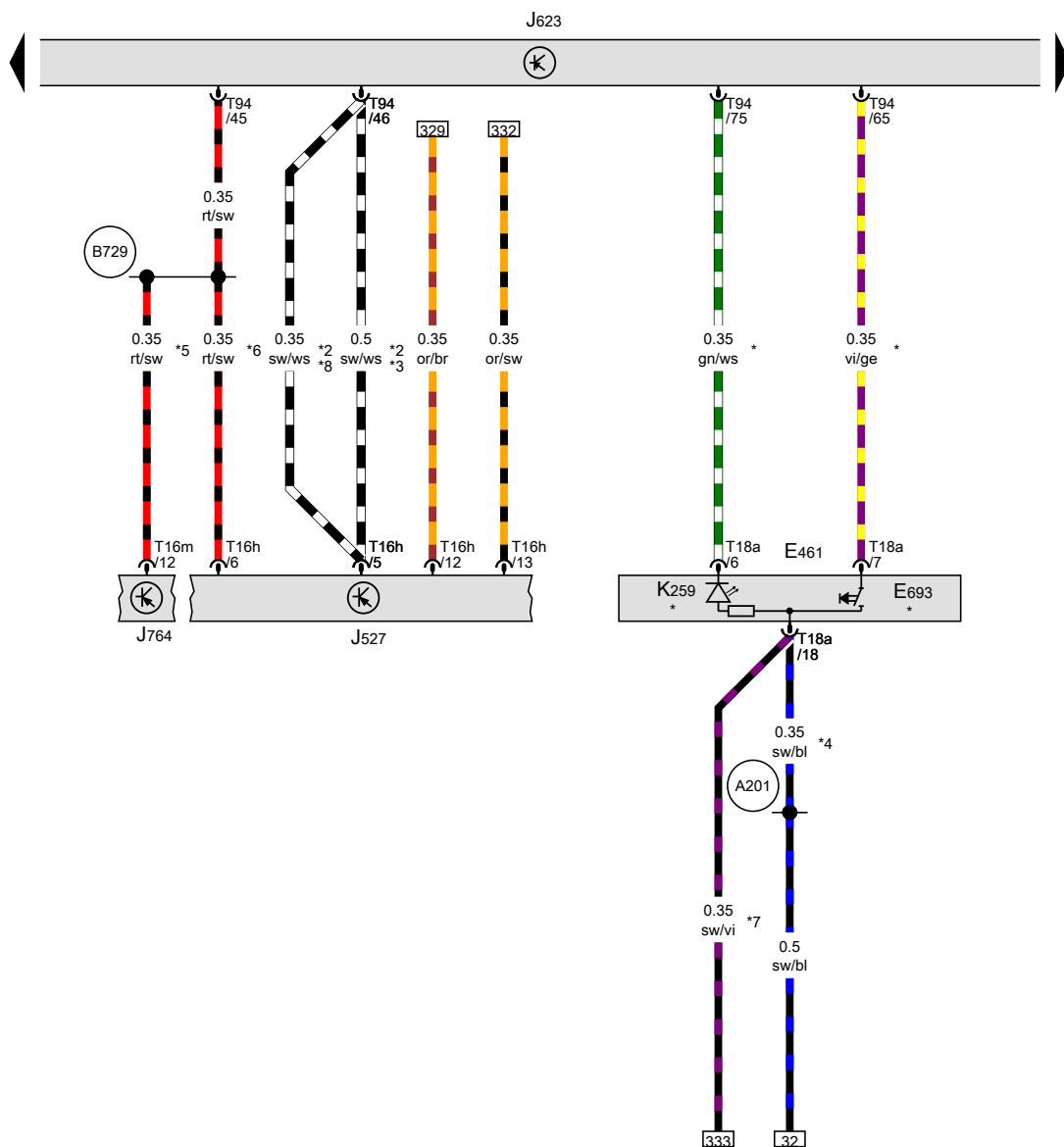


Control unit for NOx sender, Control unit 2 for NOx sender, Power steering control unit, Engine/motor control unit

- GX30 Control unit for NOx sender
- GX46 Control unit 2 for NOx sender
- G295 NOx sender
- J500 Power steering control unit
- J583 Control unit for NOx sender
- J623 Engine/motor control unit
- T3a 3-pin connector, black
- T4bx 4-pin connector, black
- T5ar 5-pin connector, black
- T10r 10-pin connector, black
- T94 94-pin connector, black

- 13 Earth point, on right in engine compartment
- 366 Earth connection 1, in main wiring harness
- A246 Connection 1 (CAN bus high), in engine compartment wiring harness
- A247 Connection 1 (CAN bus low), in engine compartment wiring harness
- D136 Positive connection 2 (15a), in engine compartment wiring harness
- * Pre-wired component
- *2 Up to July 2018
- *3 Up to May 2017
- *4 From May 2017
- *5 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



Operating unit in front of centre console, Start/Stop operation button, Steering column electronics control unit, Engine/motor control unit, Control unit for electronic steering column lock

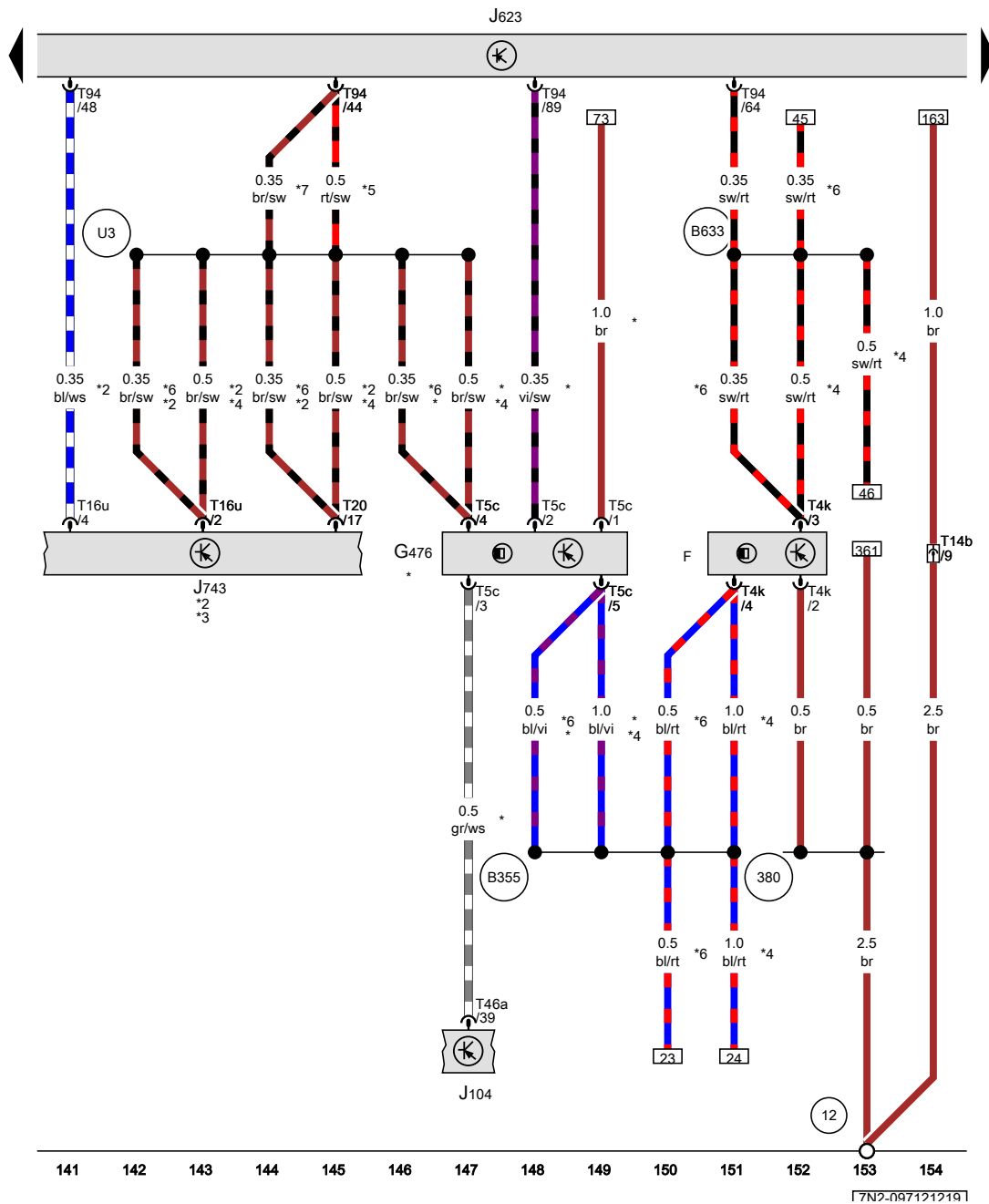
- E461 Operating unit in front of centre console, in centre console
- E693 Start/Stop operation button
- J527 Steering column electronics control unit
- J623 Engine/motor control unit
- J764 Control unit for electronic steering column lock
- K259 Start/Stop operation warning lamp
- T16h 16-pin connector, black
- T16m 16-pin connector, black
- T18a 18-pin connector, colourless
- T94 94-pin connector, black

A201 Positive connection 6 (15a) in dash panel wiring harness

B729 Connection 1 (50), in main wiring harness

- * According to equipment
- *2 For models with cruise control system (CCS)
- *3 Up to May 2017
- *4 Up to November 2016
- *5 For models with entry and start authorisation
- *6 For models with no entry and start authorisation
- *7 From November 2016
- *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



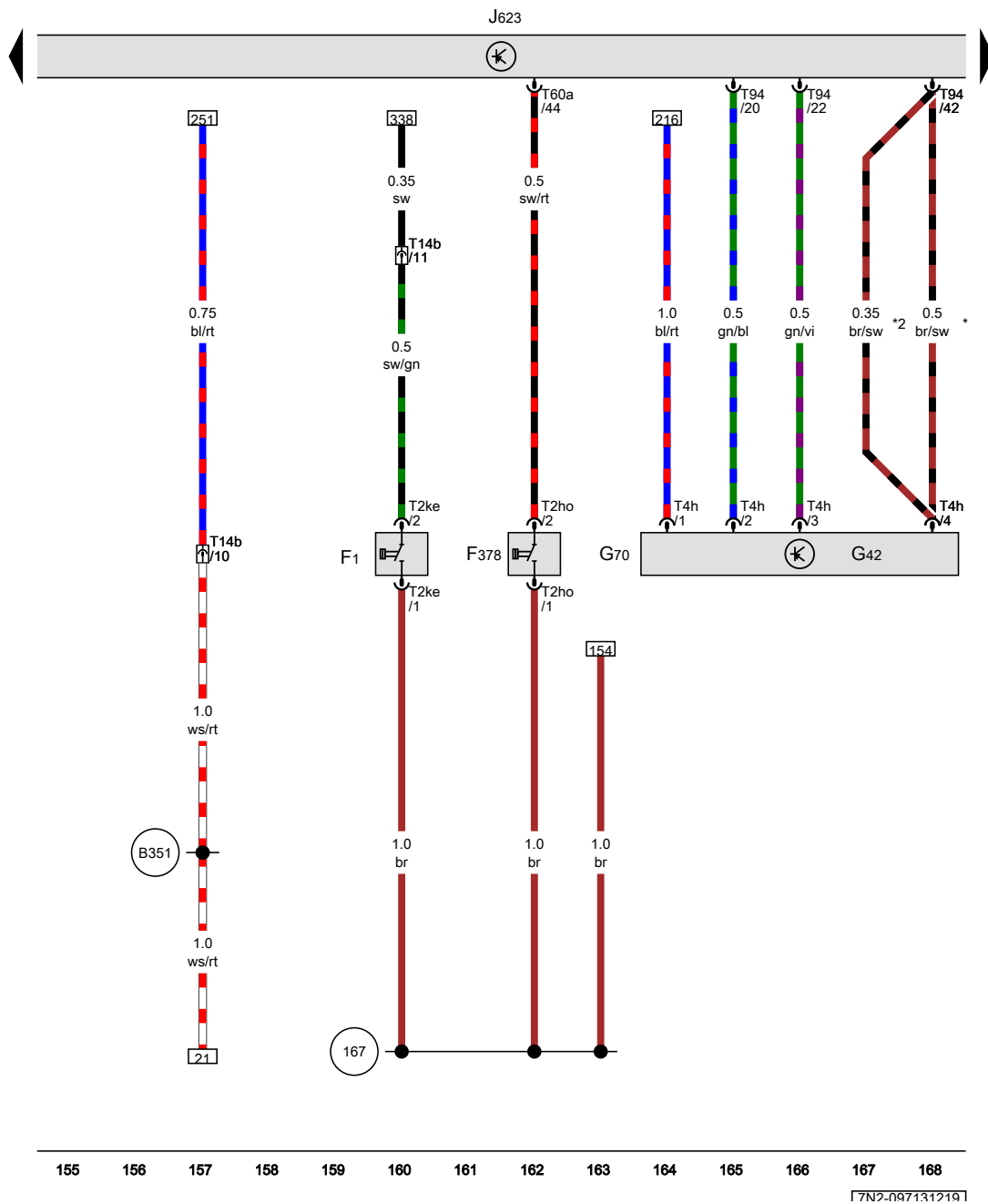
Brake light switch, Clutch position sender, ABS control unit, Engine/motor control unit, Mechatronic unit for dual clutch gearbox

- F Brake light switch
- G476 Clutch position sender
- J104 ABS control unit
- J623 Engine/motor control unit
- J743 Mechatronic unit for dual clutch gearbox
- T4k 4-pin connector, black
- T5c 5-pin connector, black
- T14b 14-pin connector, grey
- T16u 16-pin connector, black
- T20 20-pin connector, black
- T46a 46-pin connector, black
- T94 94-pin connector, black

- 12 Earth point, on left in engine compartment
- 380 Earth connection 15, in main wiring harness
- B355 Positive connection 6 (87a) in main wiring harness
- B633 Connection (brake pedal switch), in main wiring harness
- U3 Connection 1, in automatic gearbox wiring harness

- * For models with manual gearbox
- *2 For models with dual clutch gearbox
- *3 see applicable current flow diagram for gearbox
- *4 Up to May 2017
- *5 Up to November 2017
- *6 From May 2017
- *7 From November 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



Oil pressure switch, Oil pressure switch for reduced oil pressure, Air mass meter, Engine/motor control unit

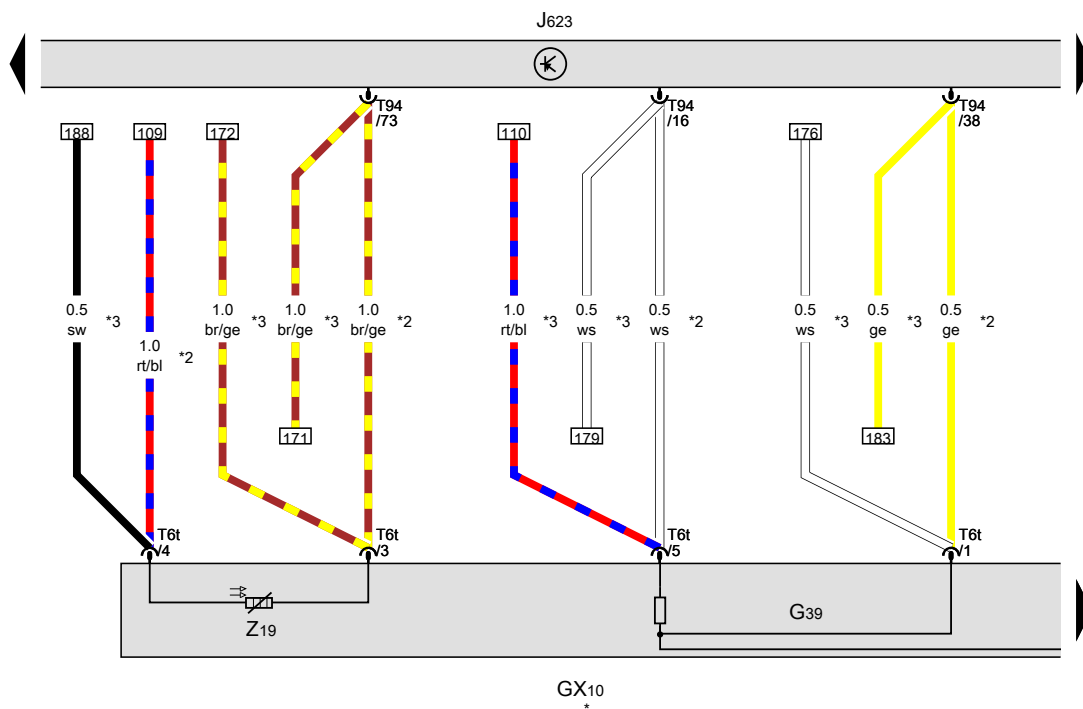
- F1 Oil pressure switch
- F378 Oil pressure switch for reduced oil pressure
- G42 Intake air temperature sender
- G70 Air mass meter
- J623 Engine/motor control unit
- T2ho 2-pin connector, black
- T2ke 2-pin connector, black
- T4h 4-pin connector, black
- T14b 14-pin connector, grey
- T60a 60-pin connector, black
- T94 94-pin connector, black
- 167 Earth connection 4, in engine compartment wiring harness

B351 Positive connection 2 (87a) in main wiring harness

* Up to May 2017
 *2 From May 2017

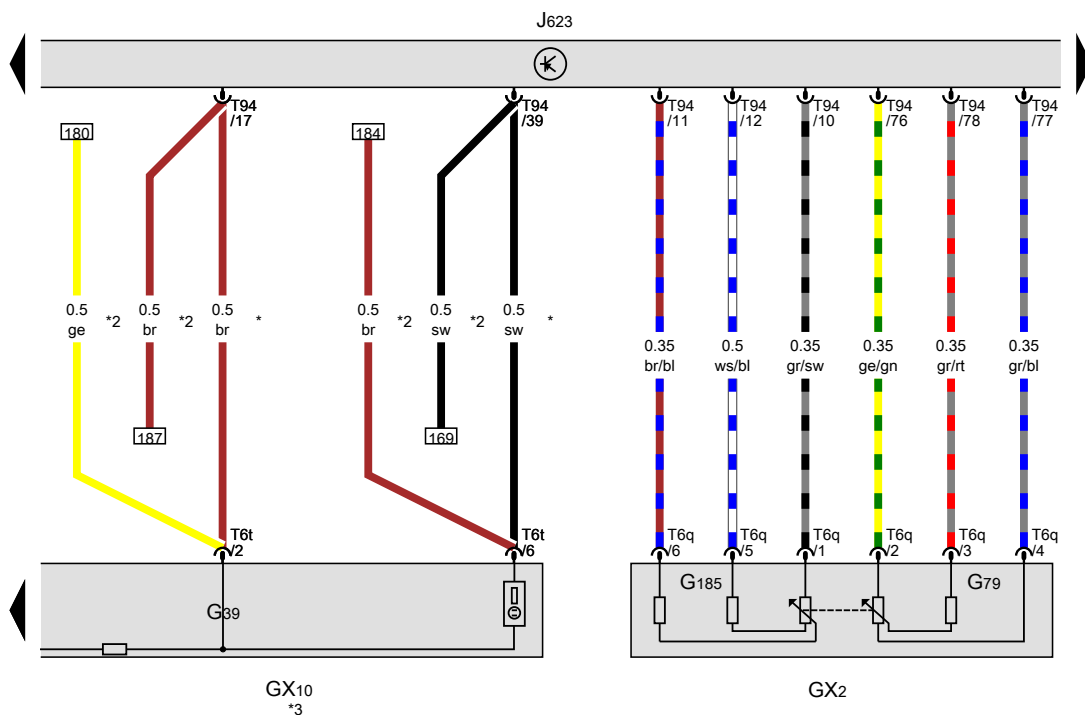
ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

Lambda probe 1 before catalytic converter, Engine/motor control unit



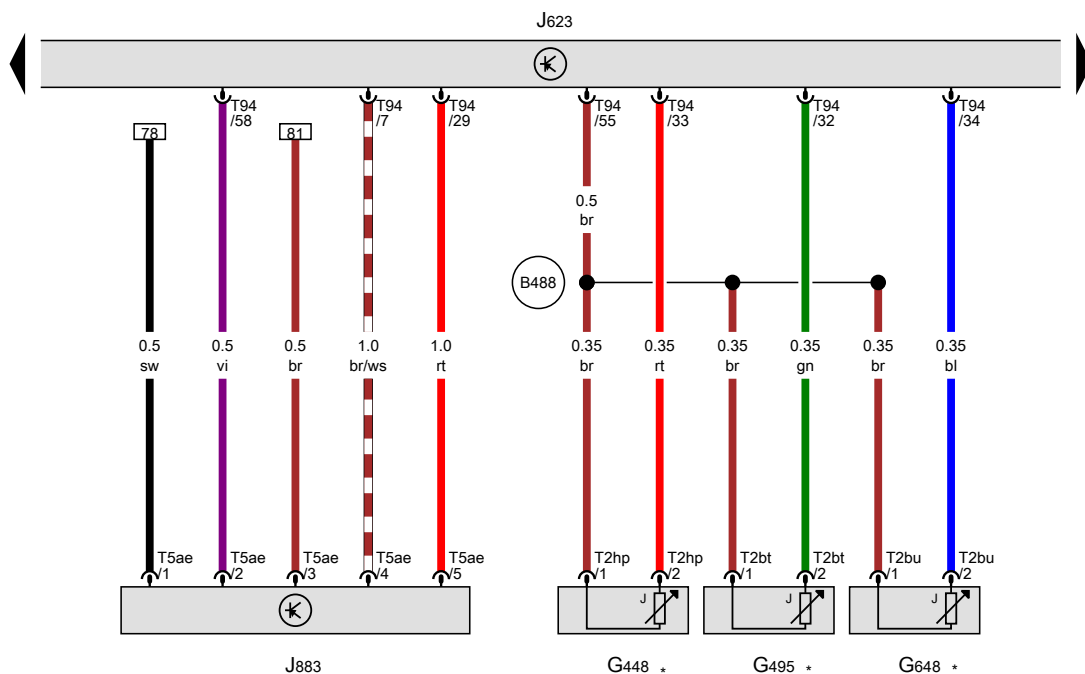
- GX10 Lambda probe 1 before catalytic converter
- G39 Lambda probe
- J623 Engine/motor control unit
- T6t 6-pin connector, black
- T94 94-pin connector, black
- Z19 Lambda probe heater
- * Pre-wired component
- *2 Up to July 2018
- *3 From July 2018

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 pedal module, Lambda probe 1 before catalytic converter, Accelerator position sender, Accelerator position sender 2, Engine/motor control unit

- GX2 Accelerator pedal module
- GX10 Lambda probe 1 before catalytic converter
- G39 Lambda probe
- G79 Accelerator position sender
- G185 Accelerator position sender 2
- J623 Engine/motor control unit
- T6q 6-pin connector, black
- T6t 6-pin connector, black
- T94 94-pin connector, black
- * Up to July 2018
- *2 From July 2018
- *3 Pre-wired component



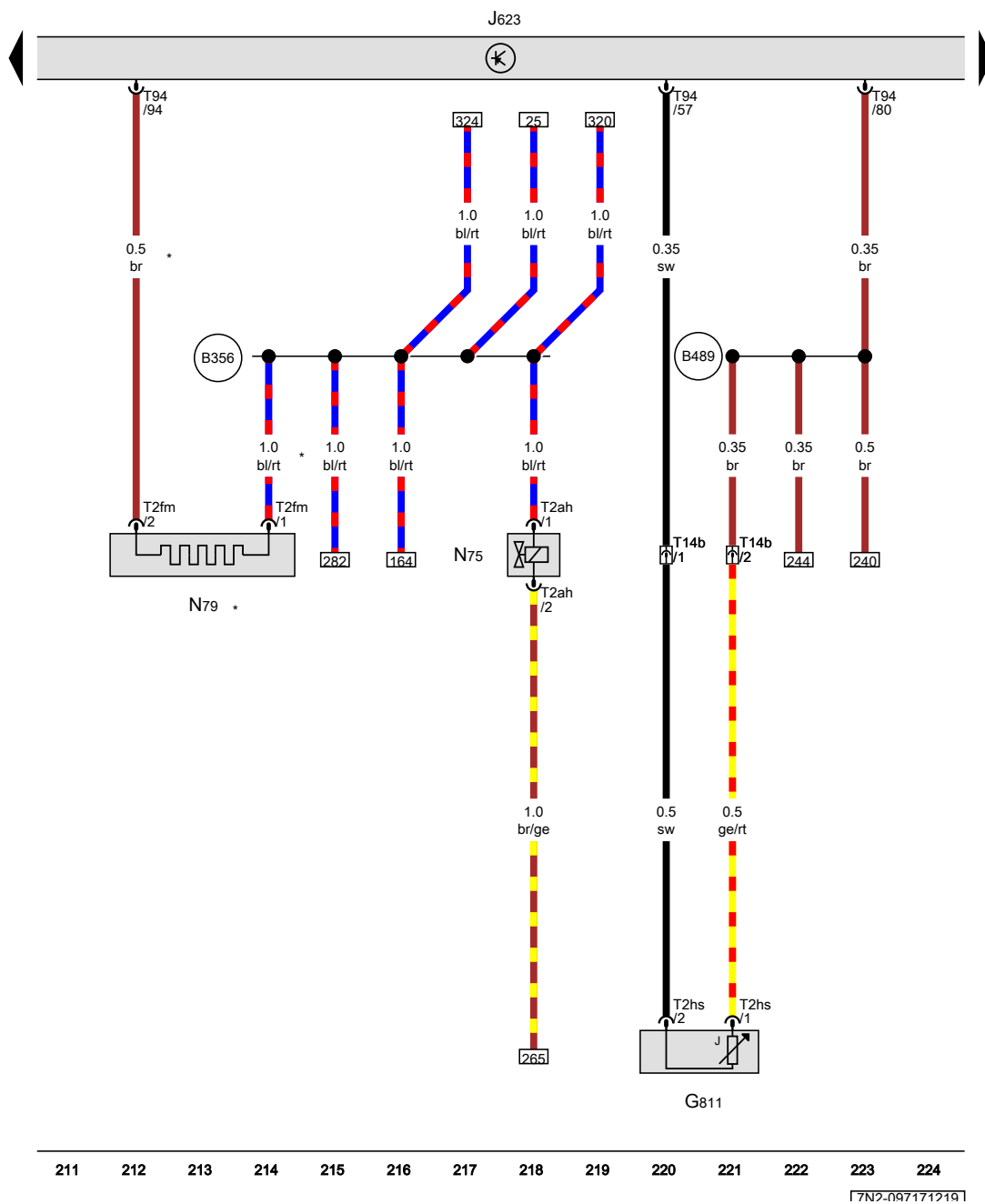
Exhaust gas temperature sender 2, Exhaust gas temperature sender 3, Exhaust gas temperature sender 4, Engine/motor control unit, Exhaust flap control unit

- G448 Exhaust gas temperature sender 2
- G495 Exhaust gas temperature sender 3
- G648 Exhaust gas temperature sender 4
- J623 Engine/motor control unit
- J883 Exhaust flap control unit
- T2bt 2-pin connector, black
- T2bu 2-pin connector, black
- T2hp 2-pin connector, black
- T5ae 5-pin connector, black
- T94 94-pin connector, black

B488 Connection 24, 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



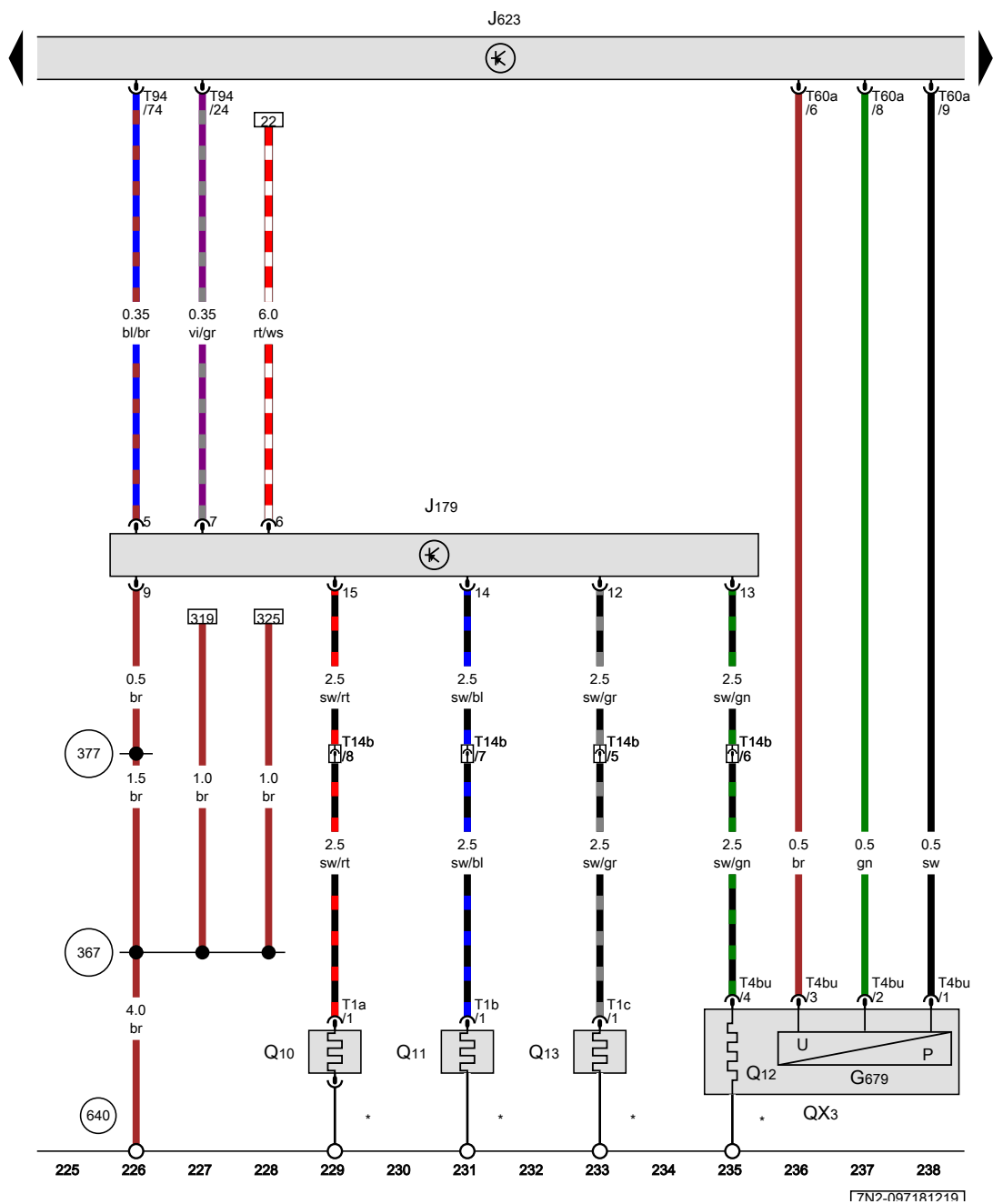
Charge air temperature sender after charge air cooler, Engine/motor control unit, Charge pressure control solenoid valve, Heater element for crankcase breather

- G811 Charge air temperature sender after charge air cooler
- J623 Engine/motor control unit
- N75 Charge pressure control solenoid valve
- N79 Heater element for crankcase breather
- T2ah 2-pin connector, black
- T2fm 2-pin connector, black
- T2hs 2-pin connector, black
- T14b 14-pin connector, grey
- T94 94-pin connector, black

B356 Positive connection 7 (87a) in main wiring harness

B489 Connection 25, in main wiring harness

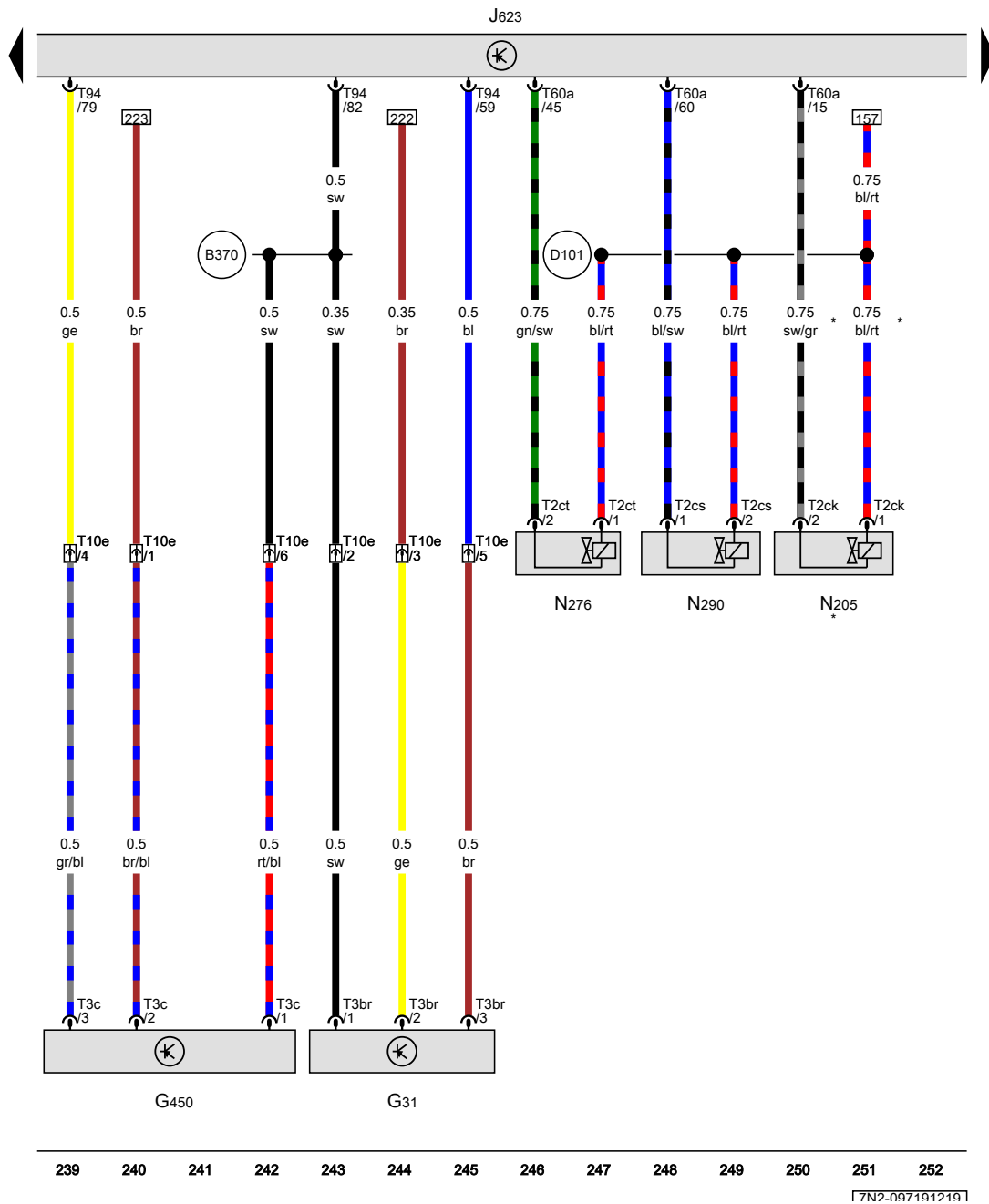
* For models with crankcase breather heater element



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

- G679 Cylinder 3 combustion chamber pressure sender
- J179 Automatic glow period control unit
- J623 Engine/motor control unit
- QX3 Glow plug 3
- Q10 Glow plug 1
- Q11 Glow plug 2
- Q12 Glow plug 3
- Q13 Glow plug 4
- T1a 1-pin connector, black
- T1b 1-pin connector, black
- T1c 1-pin connector, black
- T4bu 4-pin connector, black
- T14b 14-pin connector, grey
- T60a 60-pin connector, black
- T94 94-pin connector, black

- 367 Earth connection 2, in main wiring harness
- 377 Earth connection 12, in main wiring harness
- 640 Earth point 2, left in engine compartment
- * Earth supply via housing



Charge pressure sender, Exhaust gas pressure sensor 1, Engine/motor control unit, Camshaft control valve 1, Fuel pressure regulating valve, Fuel metering valve

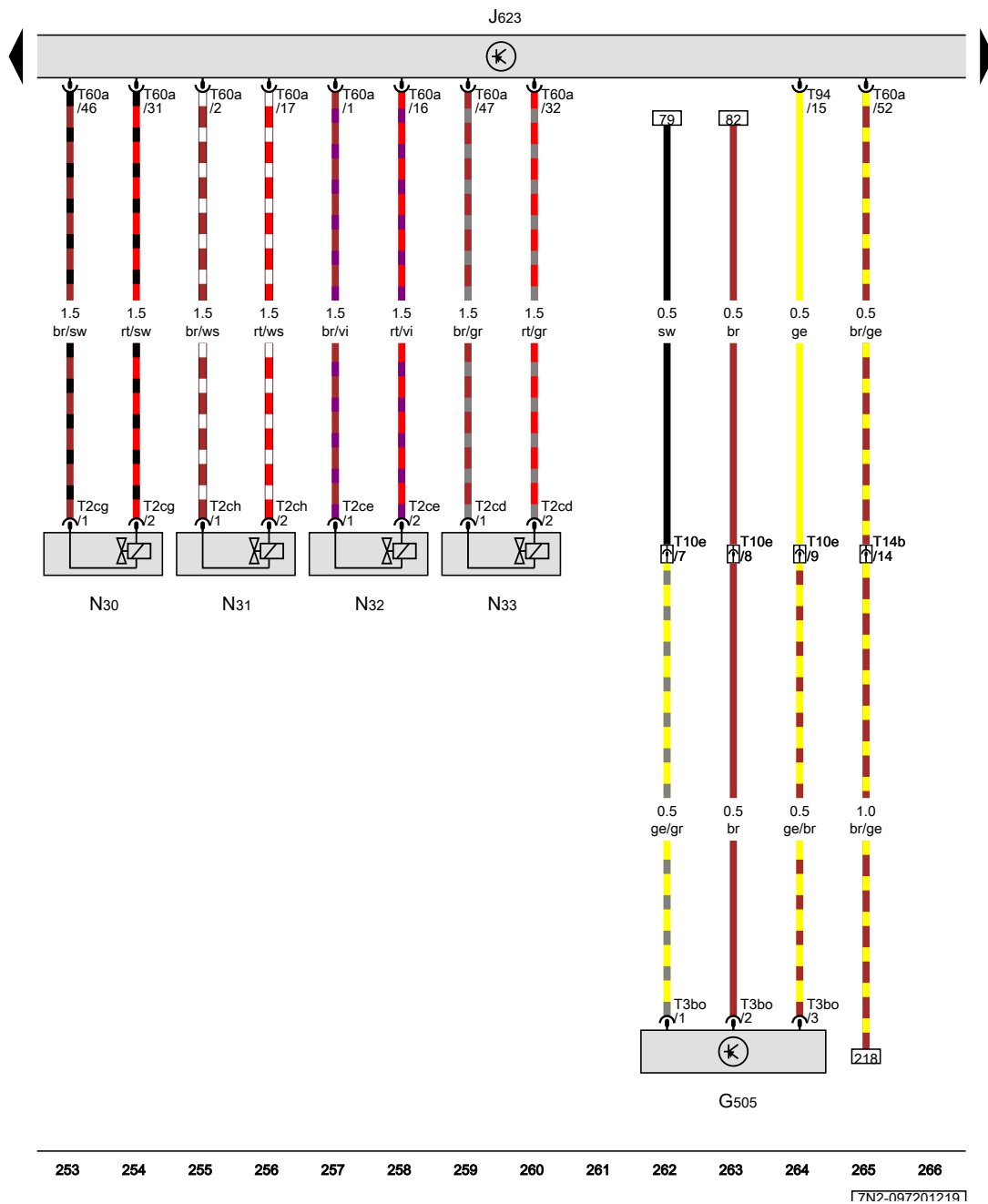
- | | |
|------|--------------------------------|
| G31 | Charge pressure sender |
| G450 | Exhaust gas pressure sensor 1 |
| J623 | Engine/motor control unit |
| N205 | Camshaft control valve 1 |
| N276 | Fuel pressure regulating valve |
| N290 | Fuel metering valve |
| T2ck | 2-pin connector, black |
| T2cs | 2-pin connector, black |
| T2ct | 2-pin connector, black |
| T3br | 3-pin connector, black |
| T3c | 3-pin connector, black |
| T10e | 10-pin connector, black |
| T60a | 60-pin connector, black |
| T94 | 94-pin connector, black |

(B370) Connection 2 (5V), in main wiring harness

(D101) Connection 1 in engine compartment wiring harness

* According to equipment

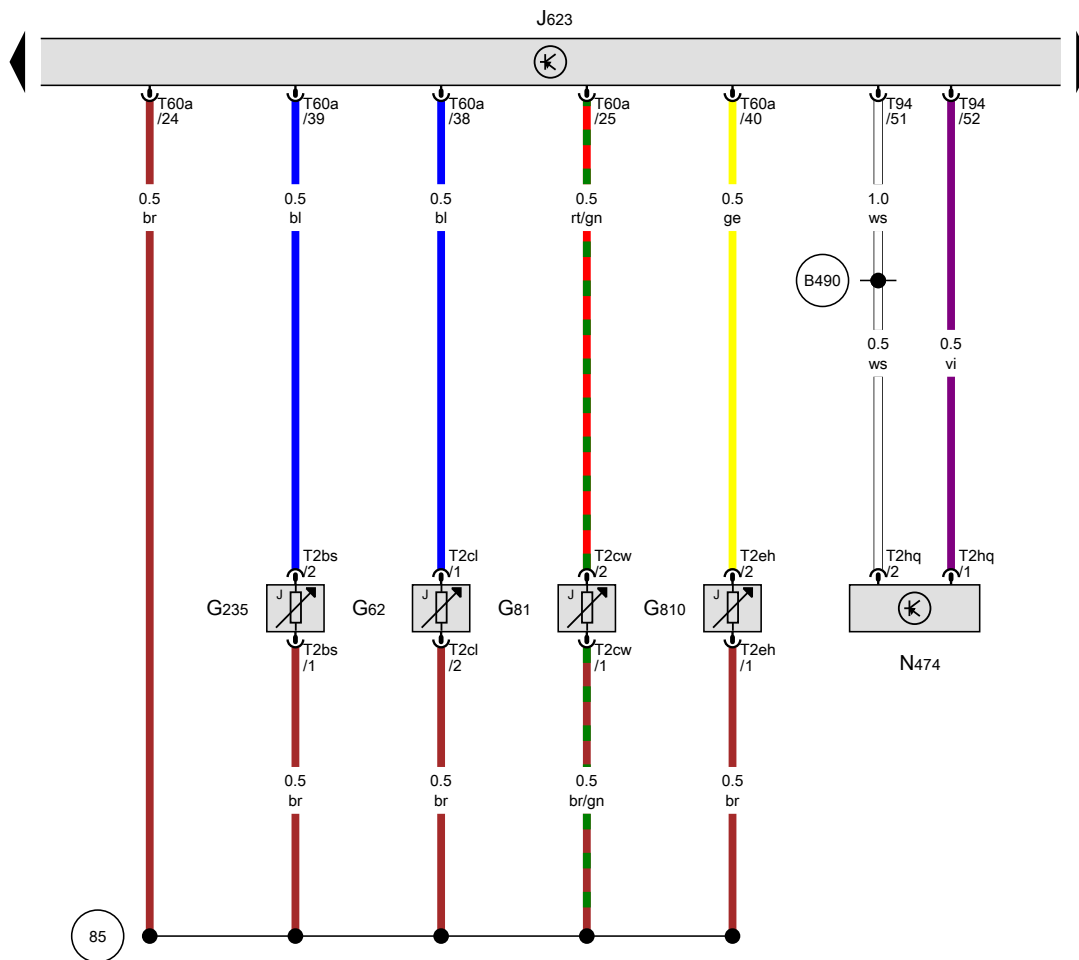
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sw	=	black
ro	=	red
rt	=	red
br	=	brown
gn	=	green
bl	=	blue
gr	=	grey
li	=	purple
vi	=	purple
ge	=	yellow
or	=	orange
rs	=	pink



Pressure differential sender, Engine/motor control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

- G505 Pressure differential sender
- J623 Engine/motor control unit
- N30 Injector, cylinder 1
- N31 Injector, cylinder 2
- N32 Injector, cylinder 3
- N33 Injector, cylinder 4
- T2cd 2-pin connector, black
- T2ce 2-pin connector, black
- T2cg 2-pin connector, black
- T2ch 2-pin connector, black
- T3bo 3-pin connector, black
- T10e 10-pin connector, black
- T14b 14-pin connector, grey
- T60a 60-pin connector, black
- T94 94-pin connector, black

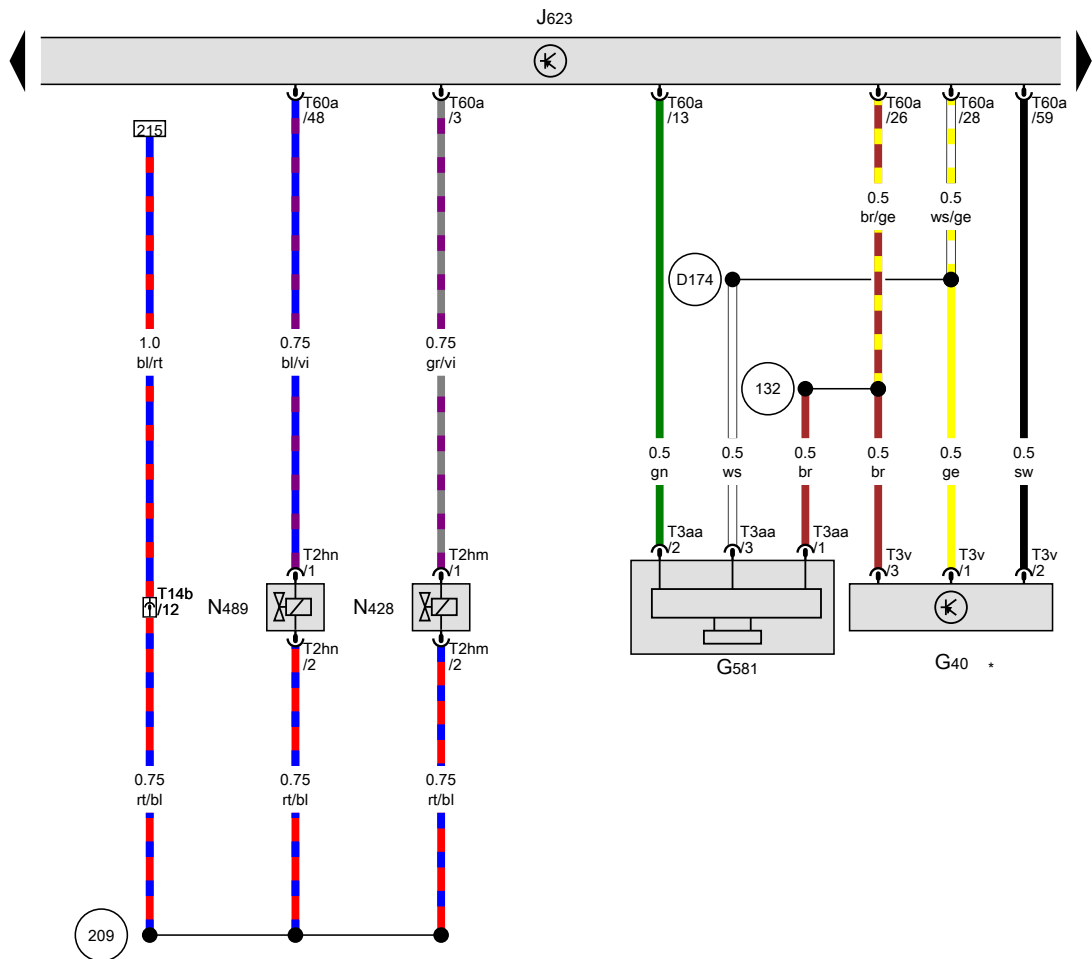
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- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



Coolant temperature sender, Fuel temperature sender, Exhaust gas temperature sender 1, Charge air temperature sender before charge air cooler, Engine/motor control unit, Injector for reducing agent

- 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/motor control unit
- N474 Injector for reducing agent
- T2bs 2-pin connector, brown
- T2cl 2-pin connector, black
- T2cw 2-pin connector, black
- T2eh 2-pin connector, black
- T2hq 2-pin connector, black
- T60a 60-pin connector, black
- T94 94-pin connector, black
- 85 Earth connection 1, in engine compartment wiring harness
- B490 Connection 26, in main wiring harness

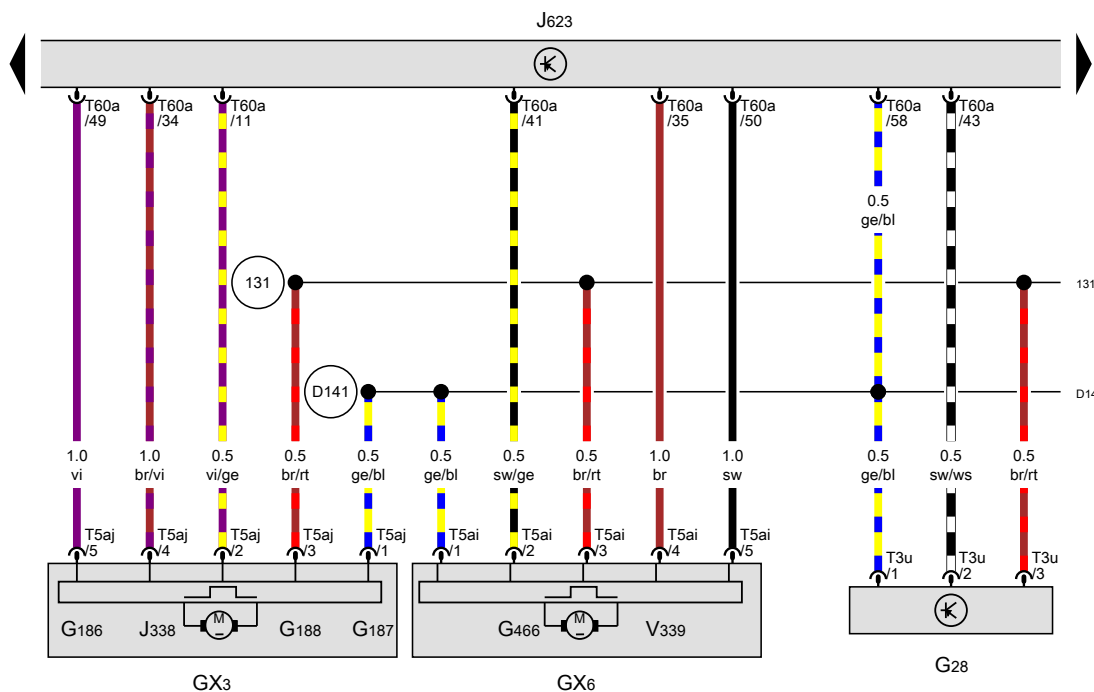
ws = white
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 ro = red
 rt = red
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 gn = green
 bl = blue
 gr = grey
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 vi = purple
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 or = orange
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Hall sender, Position sender for charge pressure positioner,
Engine/motor control unit, Valve for oil pressure control,
Coolant valve for cylinder head

- | | |
|------|--|
| G40 | Hall sender |
| G581 | Position sender for charge pressure positioner |
| J623 | Engine/motor control unit |
| N428 | Valve for oil pressure control |
| N489 | Coolant valve for cylinder head |
| T2hm | 2-pin connector, brown |
| T2hn | 2-pin connector, blue |
| T3aa | 3-pin connector, black |
| T3v | 3-pin connector, black |
| T14b | 14-pin connector, grey |
| T60a | 60-pin connector, black |
| 132 | Earth connection 3, in engine compartment wiring harness |
| 209 | Earth connection 6, in engine compartment wiring harness |
| D174 | Connection 2 (5V) in engine prewiring harness |
| * | Pre-wired component |

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

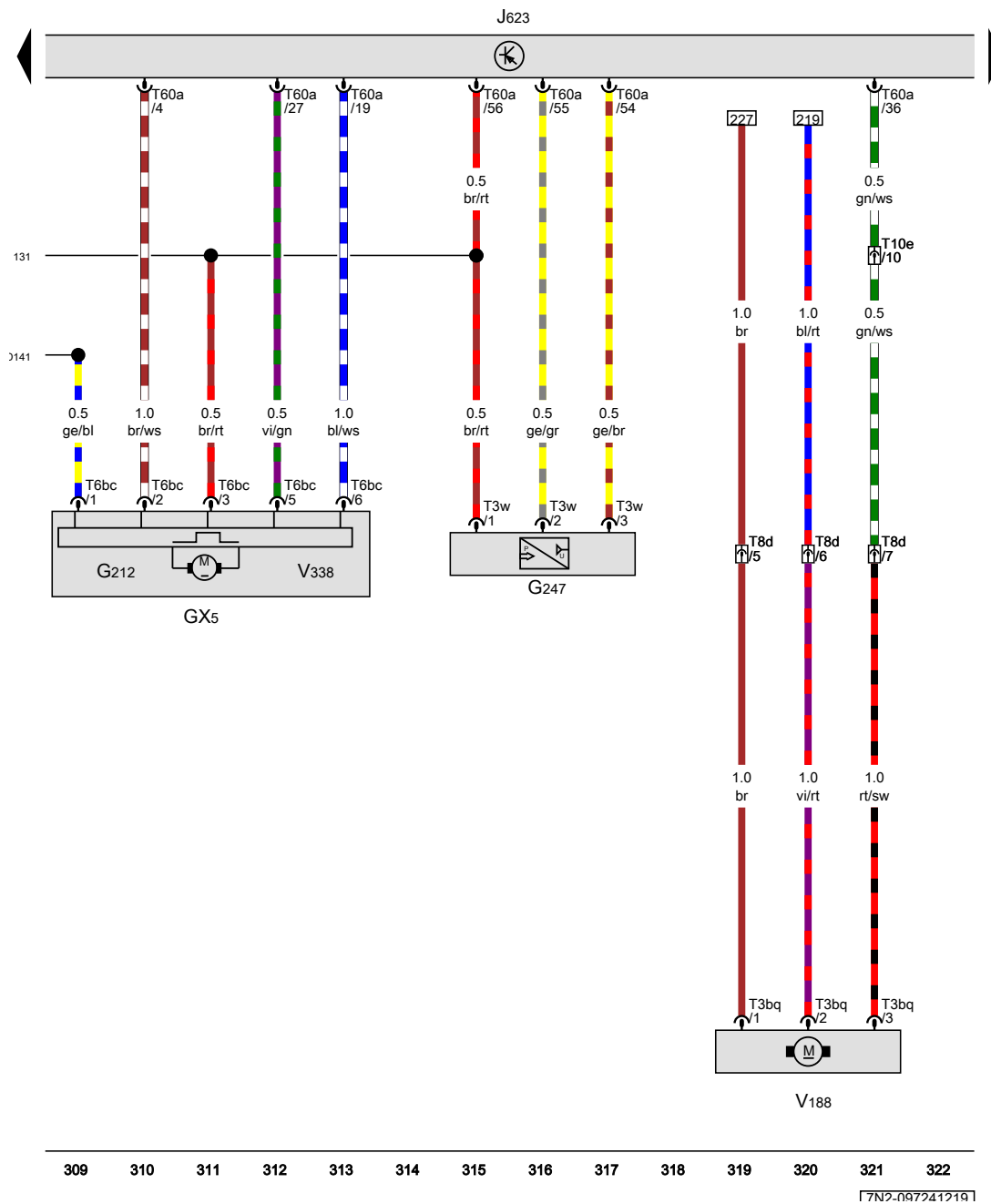


Throttle valve module, Exhaust gas recirculation valve 2, Engine speed sender, Engine/motor control unit

- GX3 Throttle valve module
- GX6 Exhaust gas recirculation valve 2
- G28 Engine speed 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
- G466 Exhaust gas recirculation potentiometer 2
- J338 Throttle valve module
- J623 Engine/motor control unit
- T3u 3-pin connector, black
- T5ai 5-pin connector, black
- T5aj 5-pin connector, black
- T60a 60-pin connector, black
- V339 Exhaust gas recirculation control motor 2

131 Earth connection 2, in engine compartment wiring harness

D141 Connection (5V) in engine prewiring harness



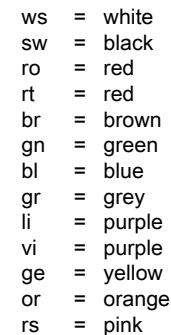
Exhaust gas recirculation valve 1, Fuel pressure sender, Engine/motor control unit, Charge air cooling pump

- GX5 Exhaust gas recirculation valve 1
- G212 Exhaust gas recirculation potentiometer
- G247 Fuel pressure sender
- J623 Engine/motor control unit
- T3bq 3-pin connector, black
- T3w 3-pin connector, black
- T6bc 6-pin connector, black
- T8d 8-pin connector, black
- T10e 10-pin connector, black
- T60a 60-pin connector, black
- V188 Charge air cooling pump
- V338 Exhaust gas recirculation control motor

131 Earth connection 2, in engine compartment wiring harness

D141 Connection (5V) in engine prewiring harness

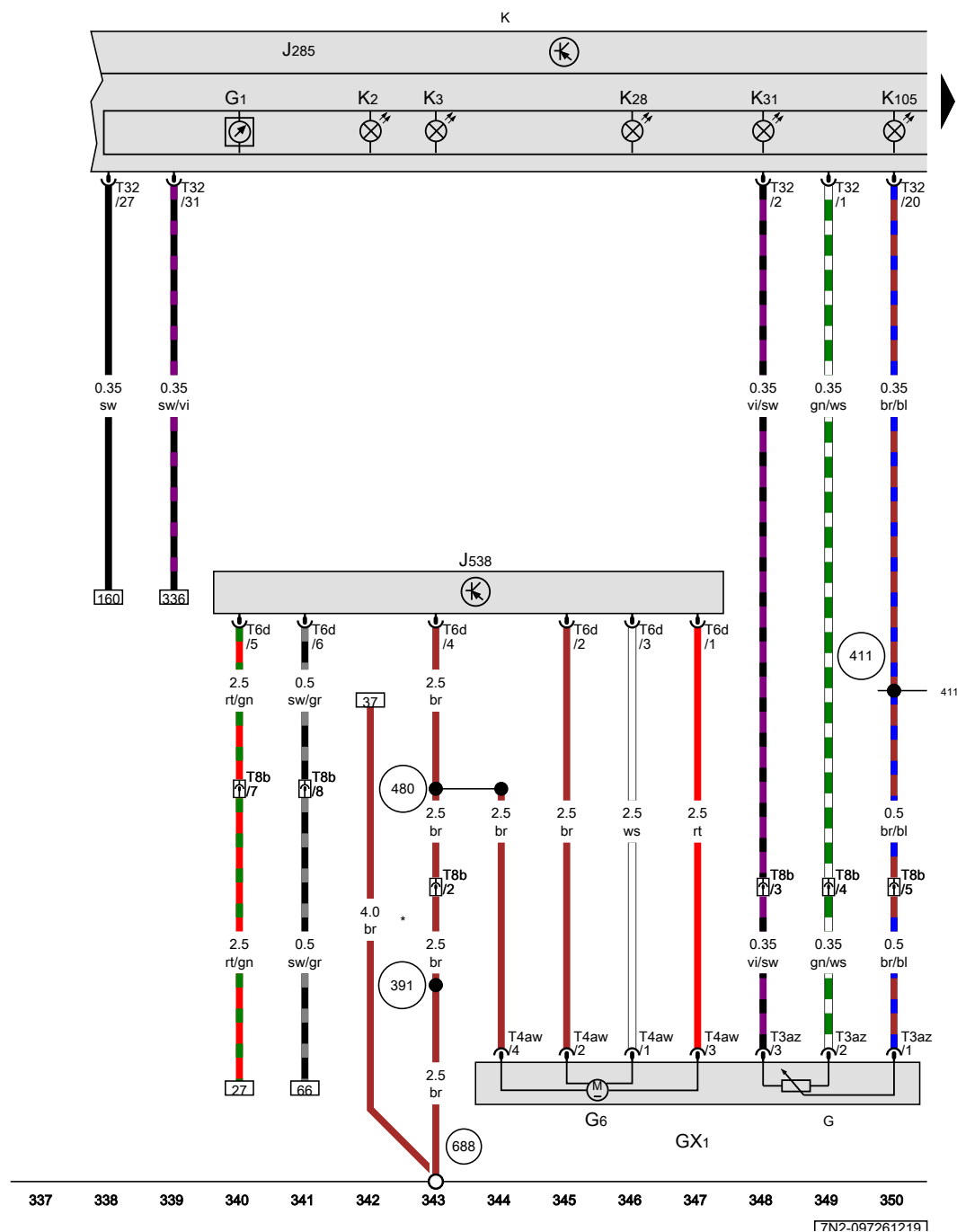
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- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
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J623	Engine/motor control unit
T3bs	3-pin connector, black
T10r	10-pin connector, black
T94	94-pin connector, black
V488	Auxiliary pump for heating

- A199 Positive connection 4 (15a) in dash panel wiring harness
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B384 Connection 2 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- B391 Connection 2 (powertrain CAN bus, low), in main wiring harness

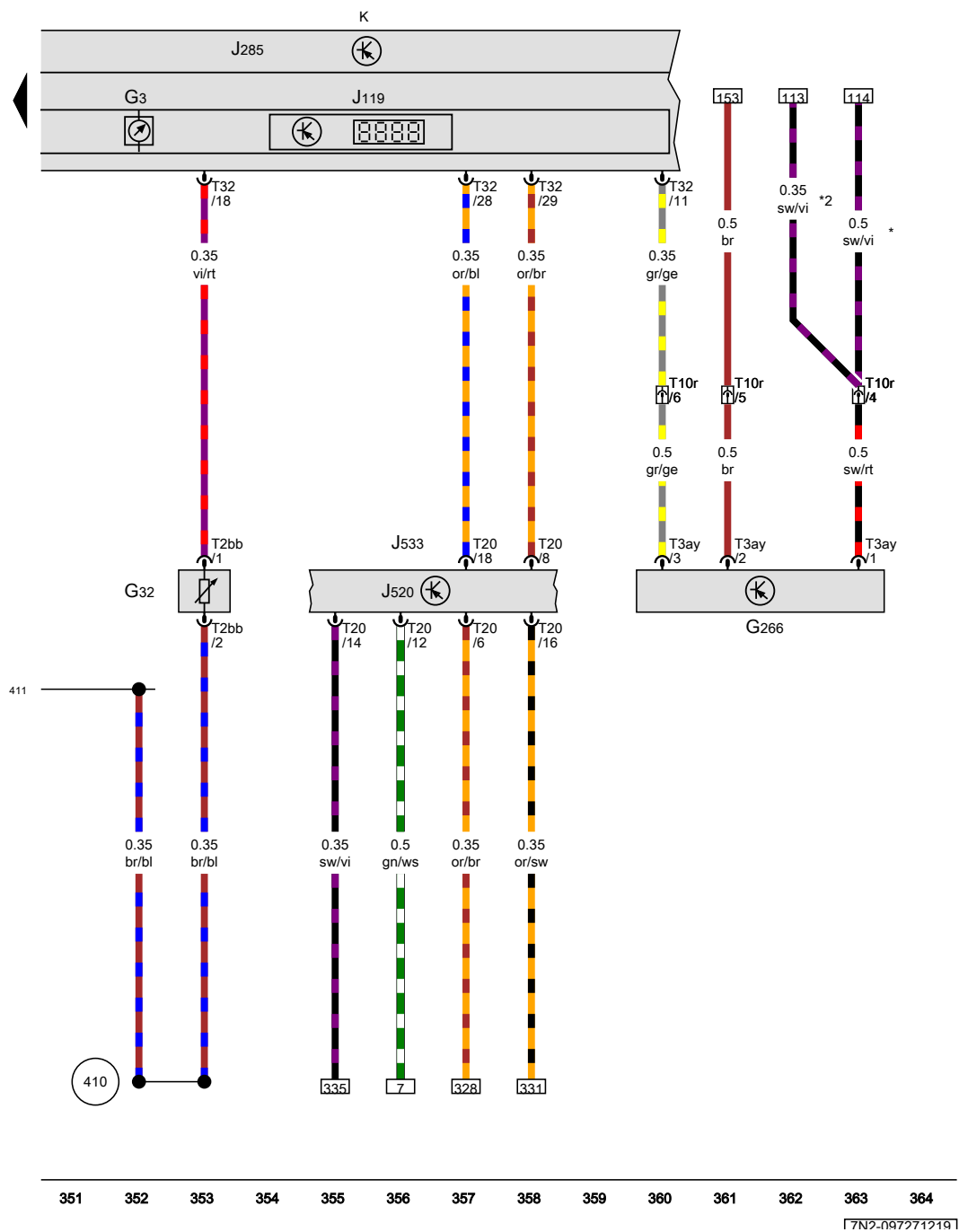
* Up to July 2018
*2 From November 2016
*3 From July 2018



Fuel delivery unit, Control unit in dash panel insert, Fuel pump control unit

- G Fuel gauge sender
- GX1 Fuel delivery unit
- G1 Fuel gauge
- G6 Fuel system pressurisation pump
- J285 Control unit in dash panel insert
- J538 Fuel pump control unit
- K Dash panel insert
- K2 Alternator warning lamp
- K3 Oil pressure warning lamp
- K28 Coolant temperature and coolant shortage warning lamp
- K31 Cruise control system warning lamp
- K105 Reserve fuel warning lamp
- T3az 3-pin connector, black
- T4aw 4-pin connector, black
- T6d 6-pin connector, black
- T8b 8-pin connector, black
- T32 32-pin connector, blue

- 391 Earth connection 26, in main wiring harness
- 411 Earth connection 2 (sender earth) in main wiring harness
- 480 Earth connection, in fuel tank wiring harness
- 688 Earth point 2, on centre tunnel
- * For models with equipment for Japan



Coolant shortage indicator sender, Oil level and oil temperature sender, Control unit in dash panel insert, Onboard supply control unit 2, Data bus diagnostic interface

- G3 Coolant temperature gauge
- G32 Coolant shortage indicator sender
- G266 Oil level and oil temperature sender
- J119 Multifunction indicator
- J285 Control unit in dash panel insert
- J520 Onboard supply control unit 2
- J533 Data bus diagnostic interface
- K Dash panel insert
- T2bb 2-pin connector, black
- T3ay 3-pin connector, black
- T10r 10-pin connector, black
- T20 20-pin connector, red
- T32 32-pin connector, blue

410 Earth connection 1 (sender earth) in main wiring harness

411 Earth connection 2 (sender earth) in main wiring harness

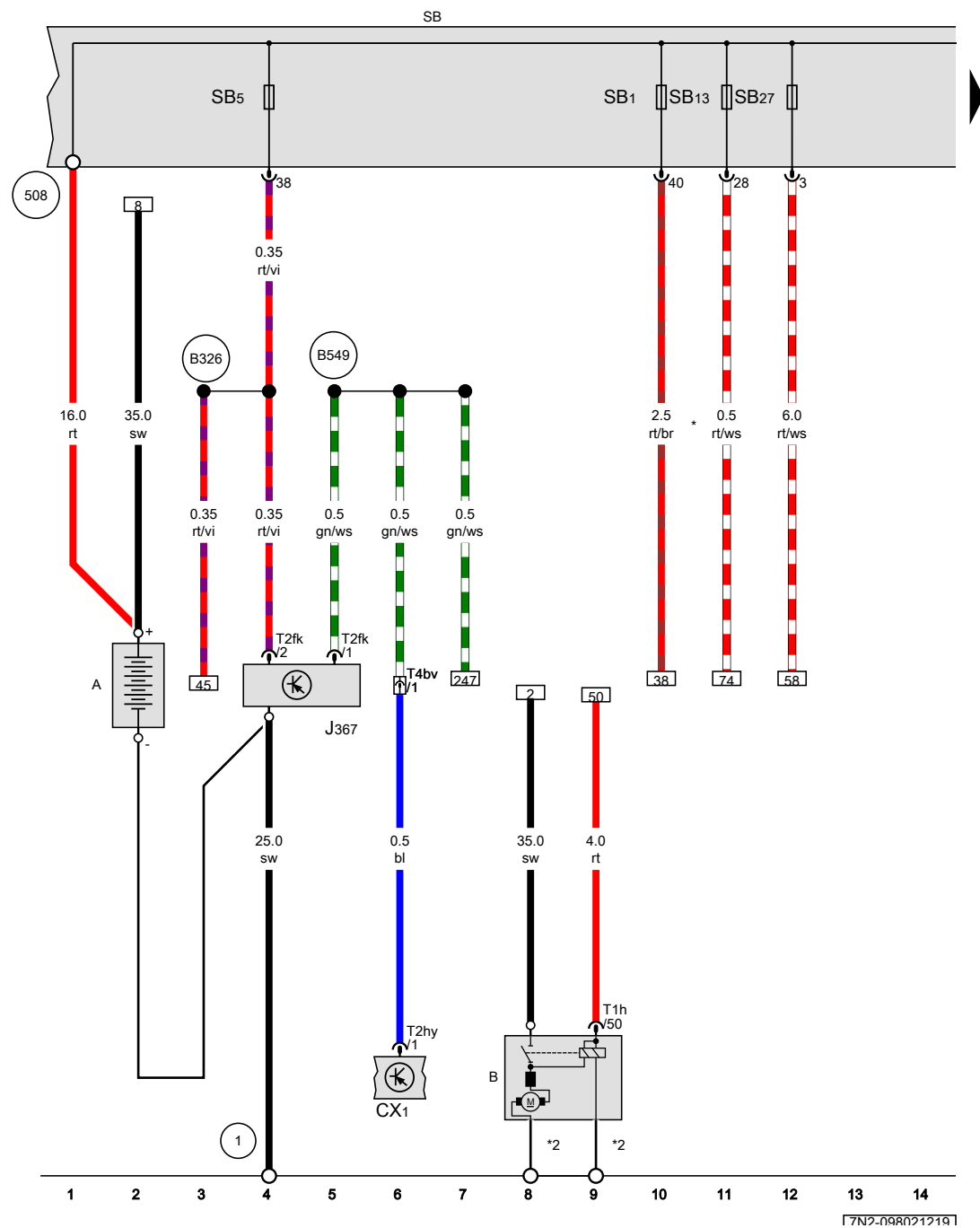
* Up to May 2017

*2 From May 2017

- ws = white
- sw = black
- ro = red
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- ge = yellow
- or = orange
- rs = pink

1.4l petrol engine , CZDA

From May 2016

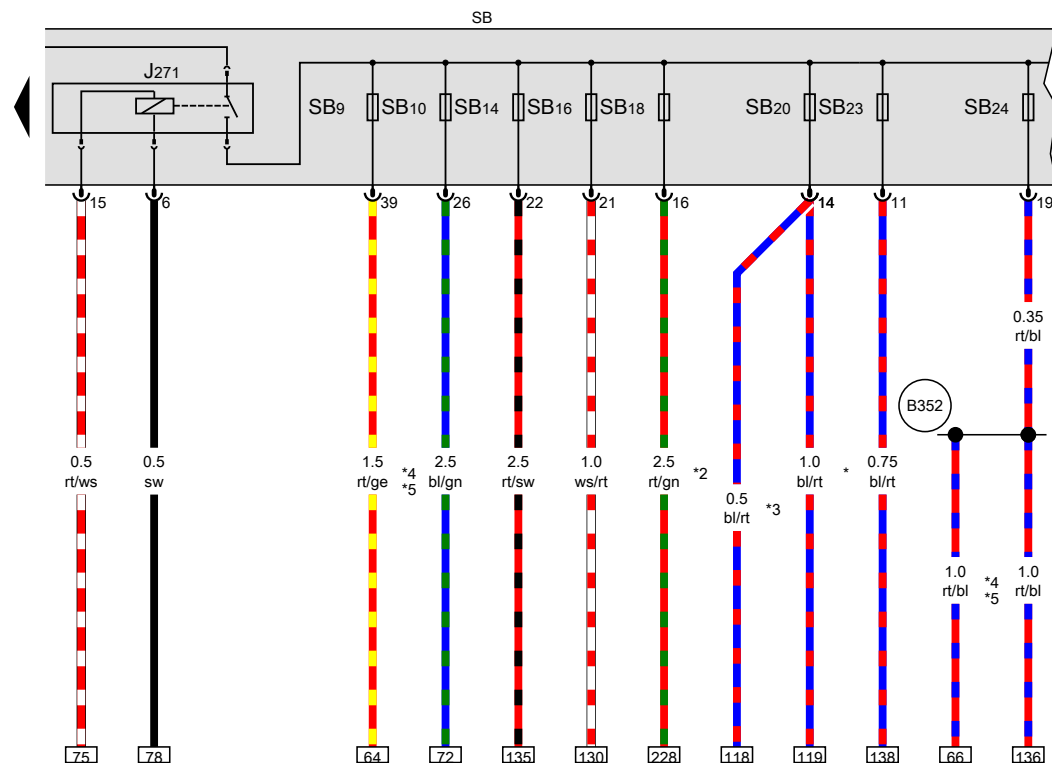


Battery, Starter, Alternator with voltage regulator, Battery monitor control unit, Fuse holder B

- A Battery
- B Starter
- CX1 Alternator with voltage regulator
- J367 Battery monitor control unit, on earth cable battery clamp
- SB Fuse holder B
- SB1 Fuse 1 on fuse holder B
- SB5 Fuse 5 on fuse holder B
- SB13 Fuse 13 on fuse holder B
- SB27 Fuse 27 on fuse holder B
- T1h 1-pin connector, black
- T2fk 2-pin connector, yellow
- T2hy 2-pin connector, black
- T4bv 4-pin connector, black

- 1 Earth strap, battery - body
- 508 Threaded connection (30) on E-box
- B326 Positive connection 12 (30a) in main wiring harness
- B549 Connection 2 (LIN bus) in main wiring harness
- * For models with equipment for Japan
- *2 Earth supply via housing

- ws = white
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Main relay, Fuse holder B

- J271 Main relay
- SB Fuse holder B
- SB9 Fuse 9 on fuse holder B
- SB10 Fuse 10 on fuse holder B
- SB14 Fuse 14 on fuse holder B
- SB16 Fuse 16 on fuse holder B
- SB18 Fuse 18 on fuse holder B
- SB20 Fuse 20 on fuse holder B
- SB23 Fuse 23 on fuse holder B
- SB24 Fuse 24 on fuse holder B

B352 Positive connection 3 (87a) in main wiring harness

- * Up to May 2017
- *2 For models with no equipment for Japan
- *3 From May 2017
- *4 For emission standard Euro 6 AG/H/I
- *5 From July 2018

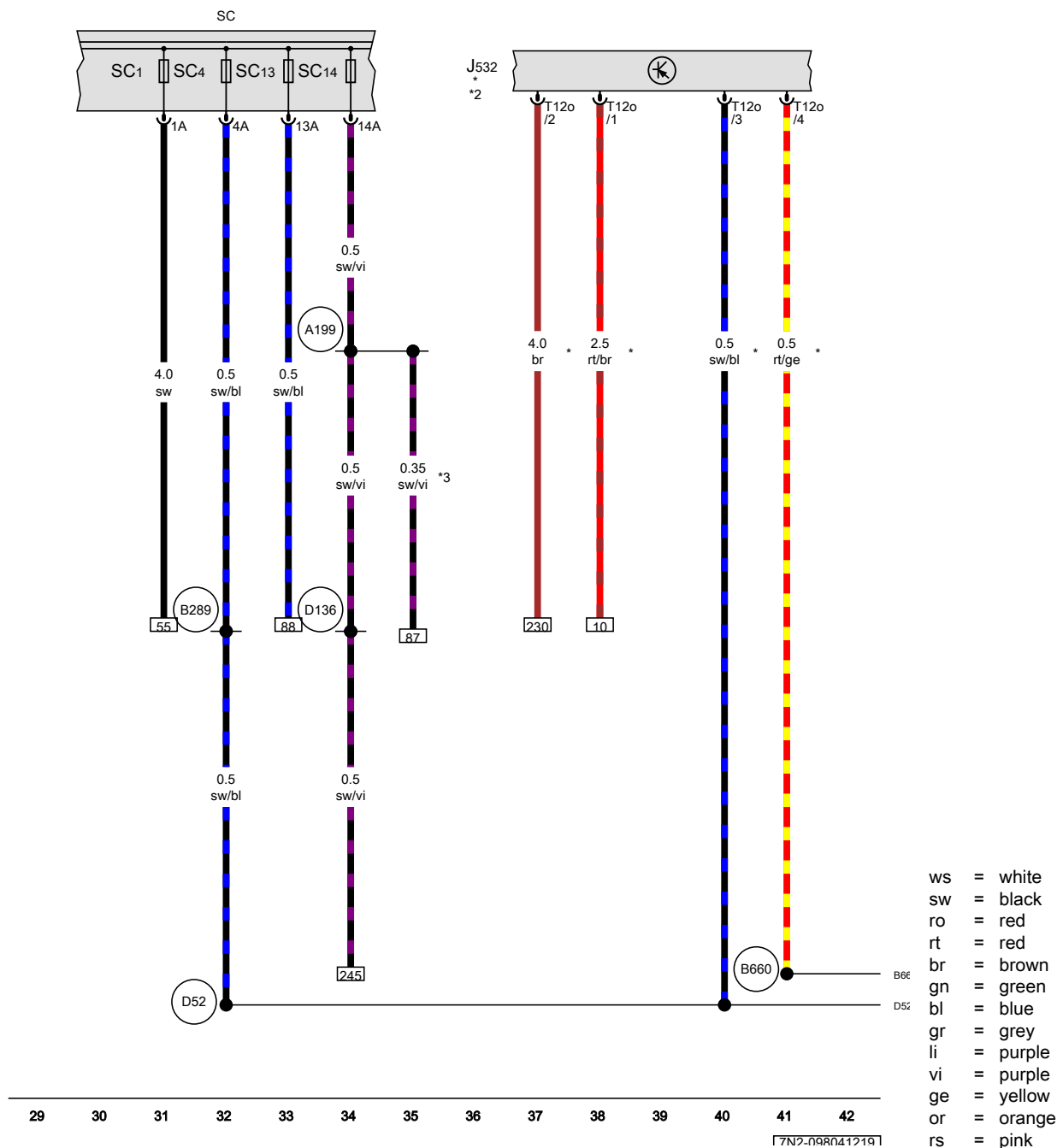
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Voltage stabiliser, Fuse holder C

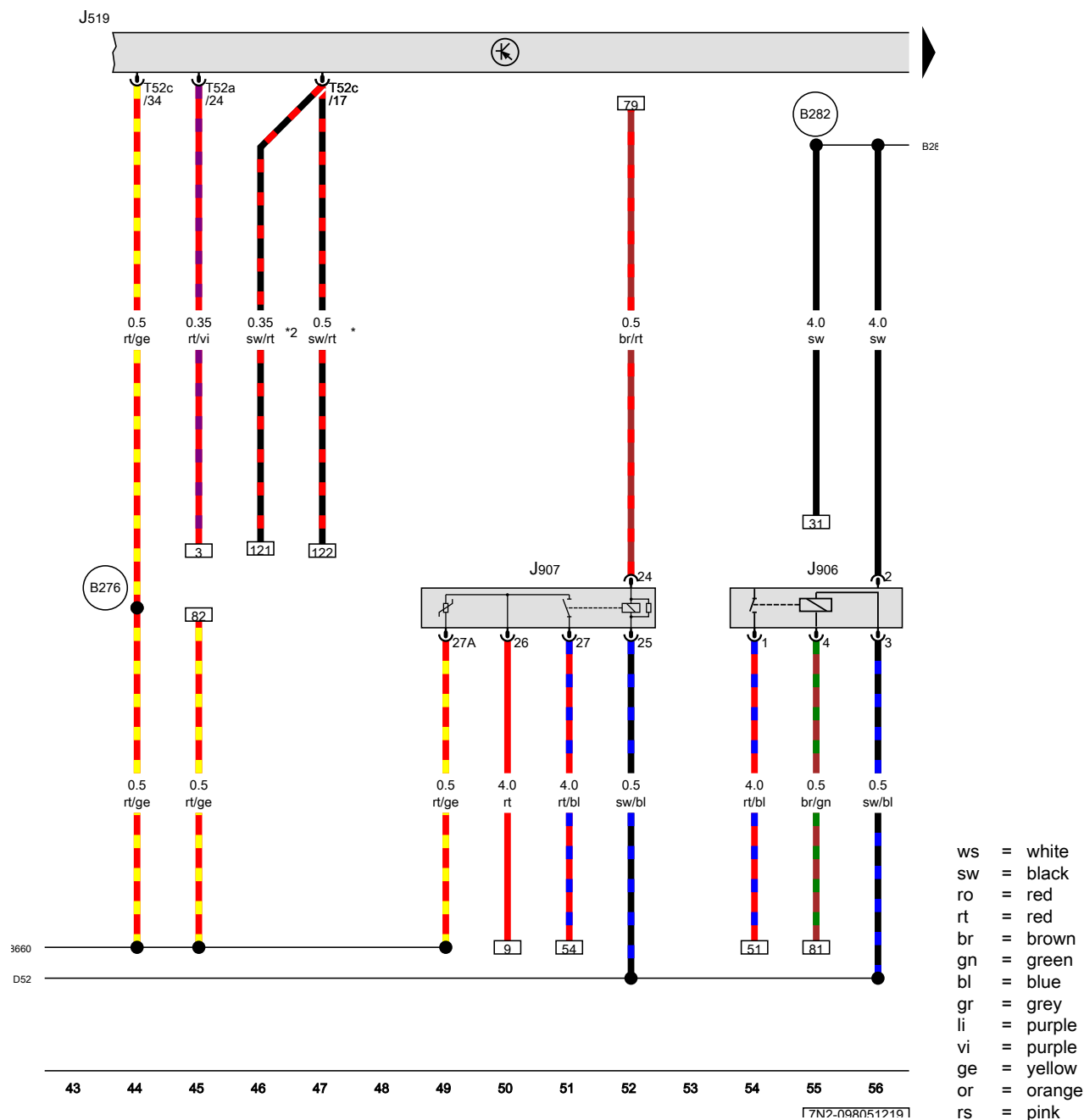
- J532 Voltage stabiliser
- SC Fuse holder C
- SC1 Fuse 1 on fuse holder C
- SC4 Fuse 4 on fuse holder C
- SC13 Fuse 13 on fuse holder C
- SC14 Fuse 14 on fuse holder C
- T12o 12-pin connector, black

- A199 Positive connection 4 (15a) in dash panel wiring harness
- B289 Positive connection 13 (15a) in main wiring harness
- B660 Connection (diagnosis terminal 50), in main wiring harness
- D52 Positive connection (15a), in engine compartment wiring harness
- D136 Positive connection 2 (15a), in engine compartment wiring harness

- * For models with equipment for Japan
- *2 see applicable current flow diagram for fuse assignment
- *3 From November 2016



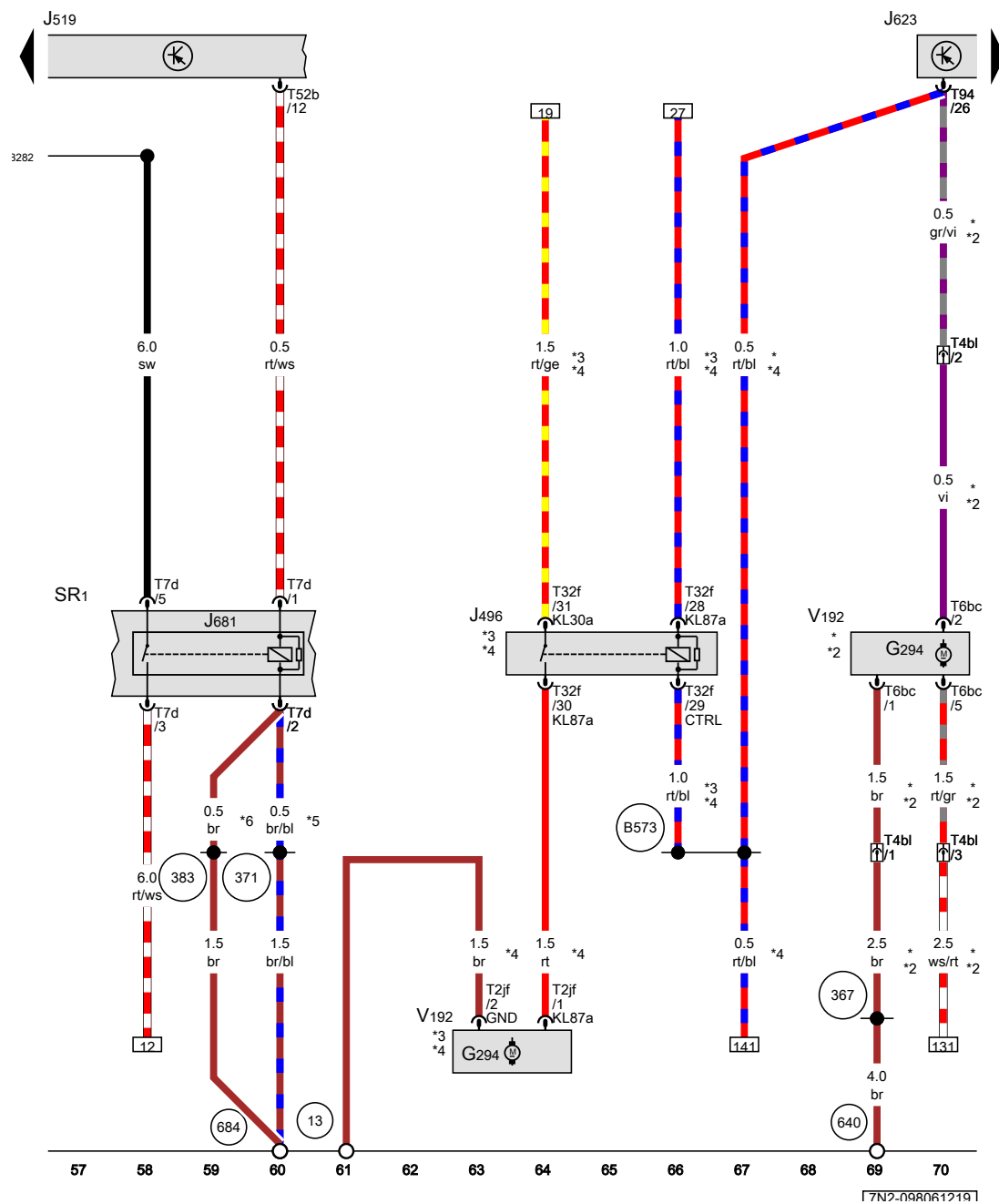
Onboard supply control unit, Starter relay 1, Starter relay 2



- J519 Onboard supply control unit
- J906 Starter relay 1, on left in engine compartment, under E-box Low
- J907 Starter relay 2, on left in engine compartment, under E-box Low
- T52a 52-pin connector, black
- T52c 52-pin connector, brown
- B276 Positive connection (50), in main wiring harness
- B282 Positive connection 6 (15a) in main wiring harness
- B660 Connection (diagnosis terminal 50), in main wiring harness
- D52 Positive connection (15a), in engine compartment wiring harness

* Up to May 2017

*2 From May 2017

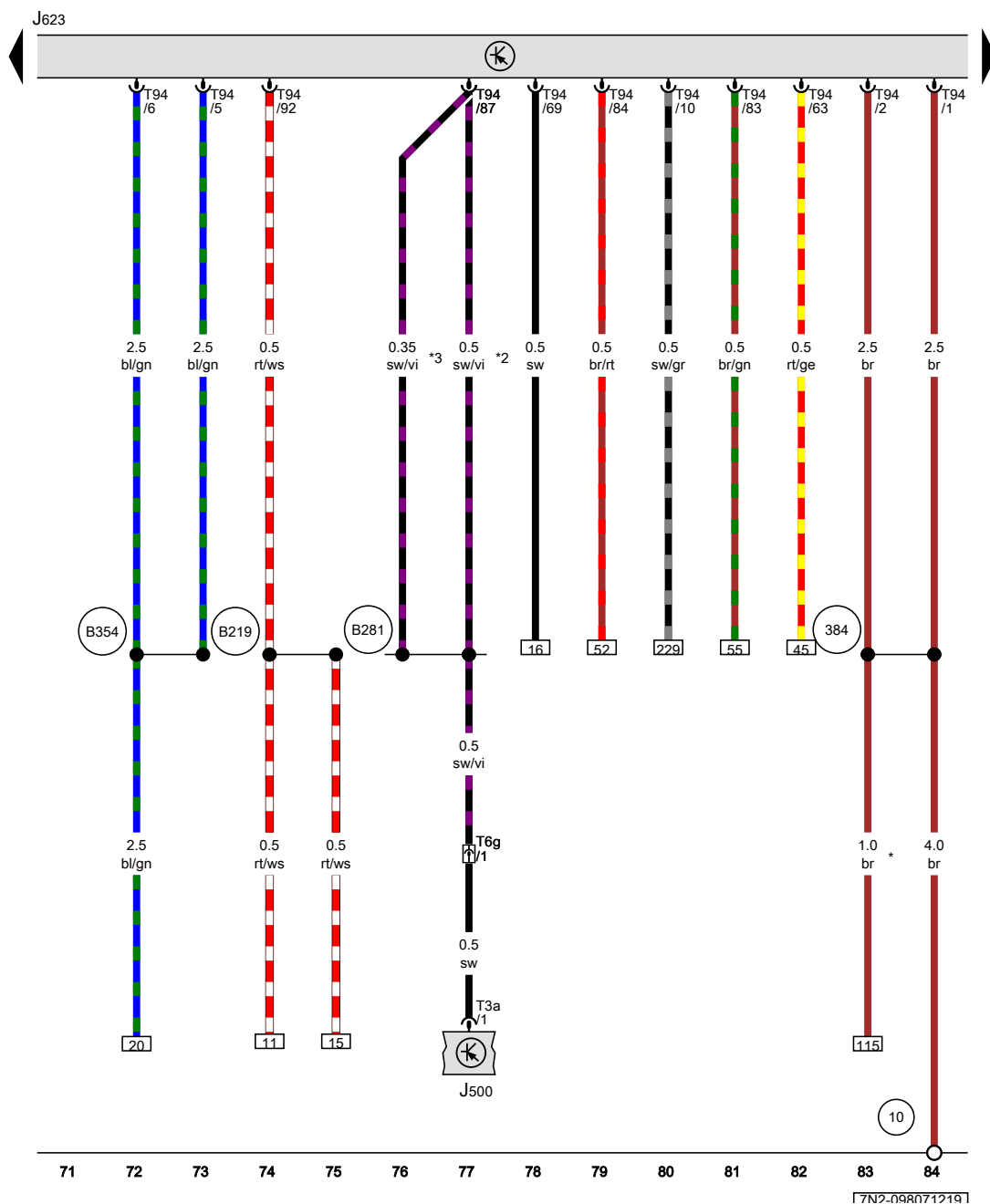


Brake servo pressure sensor, Additional coolant pump relay, Onboard supply control unit, Engine/motor control unit, Terminal 15 voltage supply relay 2, Relay and fuse carrier 1, Vacuum pump for brakes

- G294 Brake servo pressure sensor
- J496 Additional coolant pump relay
- J519 Onboard supply control unit
- J623 Engine/motor control unit
- J681 Terminal 15 voltage supply relay 2
- SR1 Relay and fuse carrier 1
- T2jf 2-pin connector, black
- T4bl 4-pin connector, black
- T6bc 6-pin connector, black
- T7d 7-pin connector, black
- T32f 32-pin connector, black
- T52b 52-pin connector, colourless
- T94 94-pin connector, black
- V192 Vacuum pump for brakes

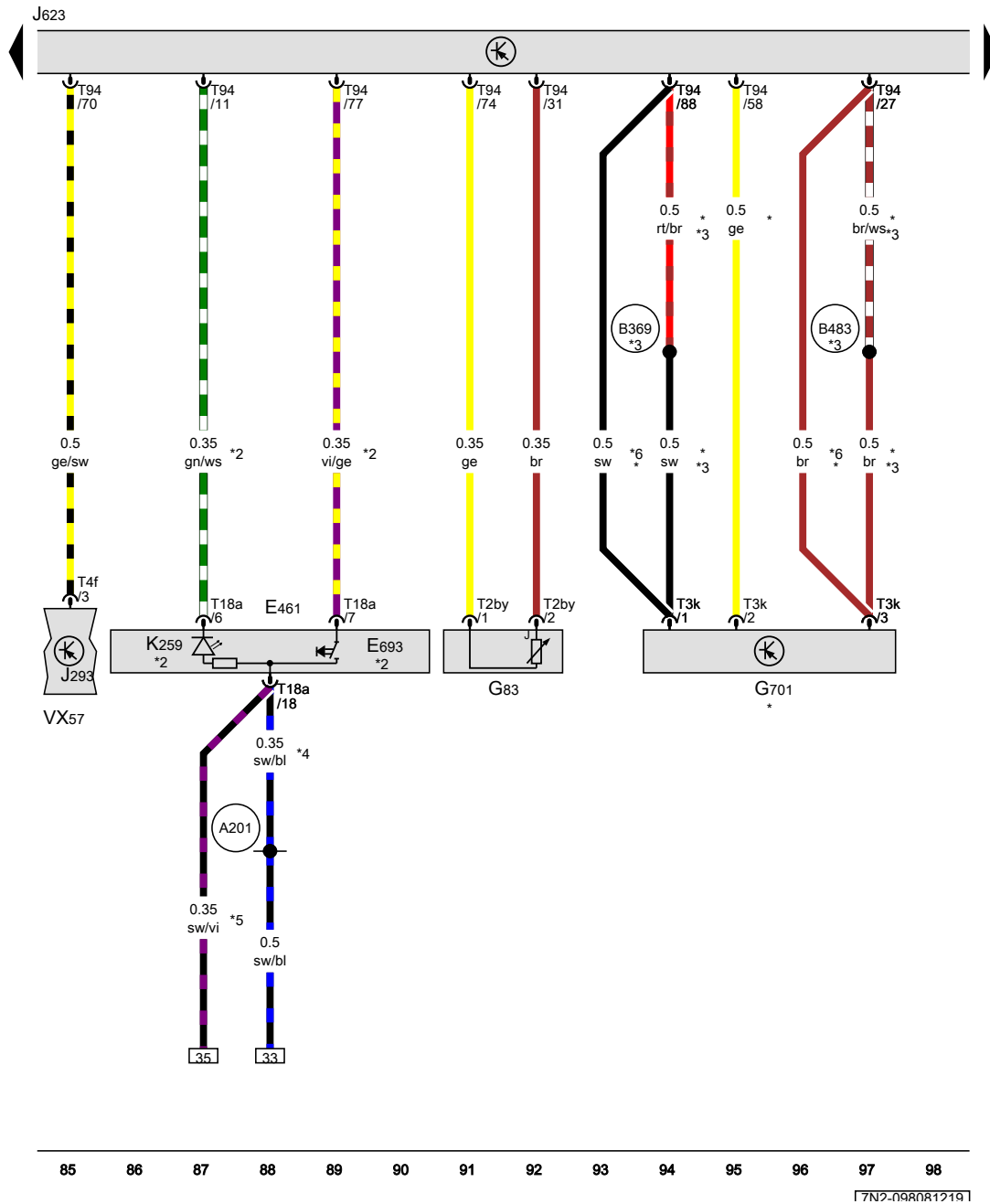
- 13 Earth point, on right in engine compartment
- 367 Earth connection 2, in main wiring harness
- 371 Earth connection 6, in main wiring harness
- 383 Earth connection 18, in main wiring harness
- 640 Earth point 2, left in engine compartment
- 684 Earth point on front of left side member
- B282 Positive connection 6 (15a) in main wiring harness
- B573 Connection 40, in main wiring harness

- * For models with equipment for Japan
- *2 Up to July 2018
- *3 For emission standard Euro 6 AG/H/I
- *4 From July 2018
- *5 Up to November 2016
- *6 From November 2016



Power steering control unit, Engine/motor control unit

- J500 Power steering control unit
- J623 Engine/motor control unit
- T3a 3-pin connector, black
- T6g 6-pin connector, black
- T94 94-pin connector, black
- 10 Earth point, in plenum chamber
- 384 Earth connection 19, in main wiring harness
- B219 Positive connection 4 (30a), in interior wiring harness
- B281 Positive connection 5 (15a) in main wiring harness
- B354 Positive connection 5 (87a) in main wiring harness
- * For models with manual gearbox
- *2 Up to November 2017
- *3 From November 2017



Operating unit in front of centre console, Start/Stop operation button, Radiator outlet coolant temperature sender, Gearbox neutral position sender, Engine/motor control unit, Radiator fan

- | | |
|------|--|
| E461 | Operating unit in front of centre console, in centre console |
| E693 | Start/Stop operation button |
| G83 | Radiator outlet coolant temperature sender |
| G701 | Gearbox neutral position sender |
| J293 | Radiator fan control unit |
| J623 | Engine/motor control unit |
| K259 | Start/Stop operation warning lamp |
| T2by | 2-pin connector, black |
| T3k | 3-pin connector, black |
| T4f | 4-pin connector, black |
| T18a | 18-pin connector, colourless |
| T94 | 94-pin connector, black |
| VX57 | Radiator fan |

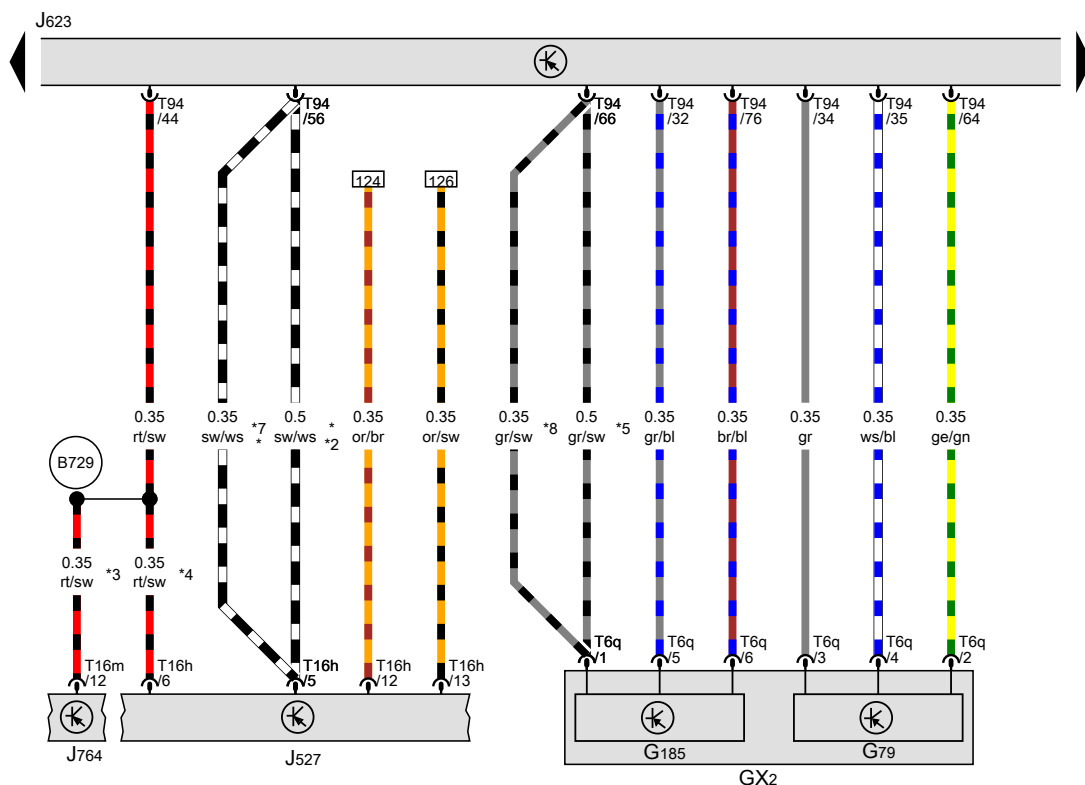
- (A201) Positive connection 6 (15a) in dash panel wiring harness

- (B369) Connection 1 (5V), in main wiring harness

- (B483) Connection 19, in main wiring harness

- * For models with manual gearbox
- *2 According to equipment
- *3 Up to May 2017
- *4 Up to November 2016
- *5 From November 2016
- *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



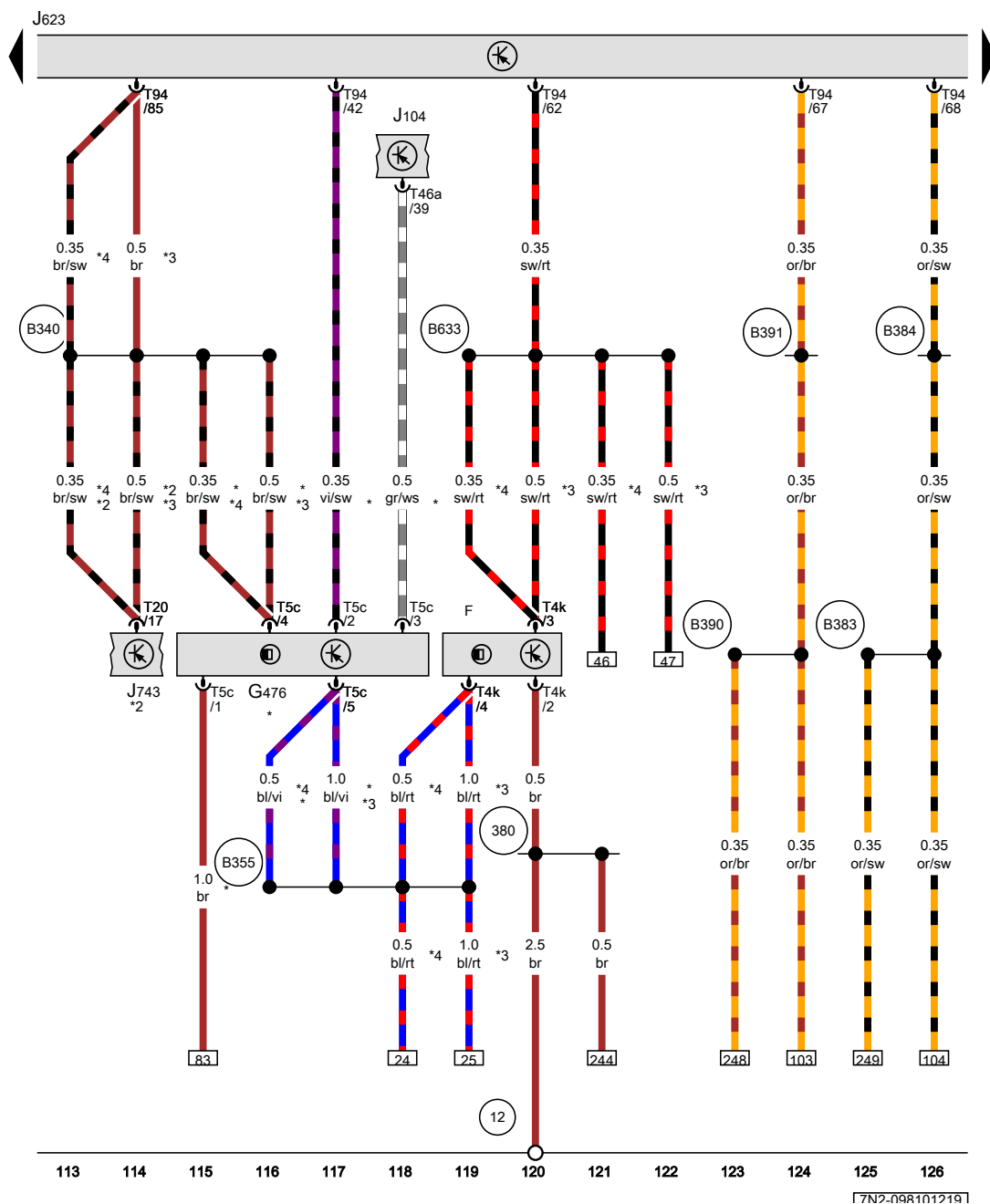
Accelerator pedal module, Accelerator position sender, Accelerator position sender 2, Steering column electronics control unit, Engine/motor control unit, Control unit for electronic steering column lock

- GX2 Accelerator pedal module
- 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
- T6q 6-pin connector, black
- T16h 16-pin connector, black
- T16m 16-pin connector, black
- T94 94-pin connector, black

B729 Connection 1 (50), in main wiring harness

- * For models with cruise control system (CCS)
- *2 Up to May 2017
- *3 For models with entry and start authorisation
- *4 For models with no entry and start authorisation
- *5 Up to November 2017
- *6 According to equipment
- *7 From May 2017
- *8 From November 2017

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Brake light switch, Clutch position sender, ABS control unit, Engine/motor control unit, Mechatronic unit for dual clutch gearbox

- F Brake light switch
- G476 Clutch position sender
- J104 ABS control unit
- J623 Engine/motor control unit
- J743 Mechatronic unit for dual clutch gearbox
- T4k 4-pin connector, black
- T5c 5-pin connector, black
- T20 20-pin connector, black
- T46a 46-pin connector, black
- T94 94-pin connector, black
- 12 Earth point, on left in engine compartment
- 380 Earth connection 15, in main wiring harness
- B340 Connection 1 (58d), in main wiring harness
- B355 Positive connection 6 (87a) in main wiring harness
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B384 Connection 2 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- B391 Connection 2 (powertrain CAN bus, low), in main wiring harness
- B633 Connection (brake pedal switch), in main wiring harness

- * For models with manual gearbox
- *2 For models with dual clutch gearbox (DSG)
- *3 Up to May 2017
- *4 From May 2017

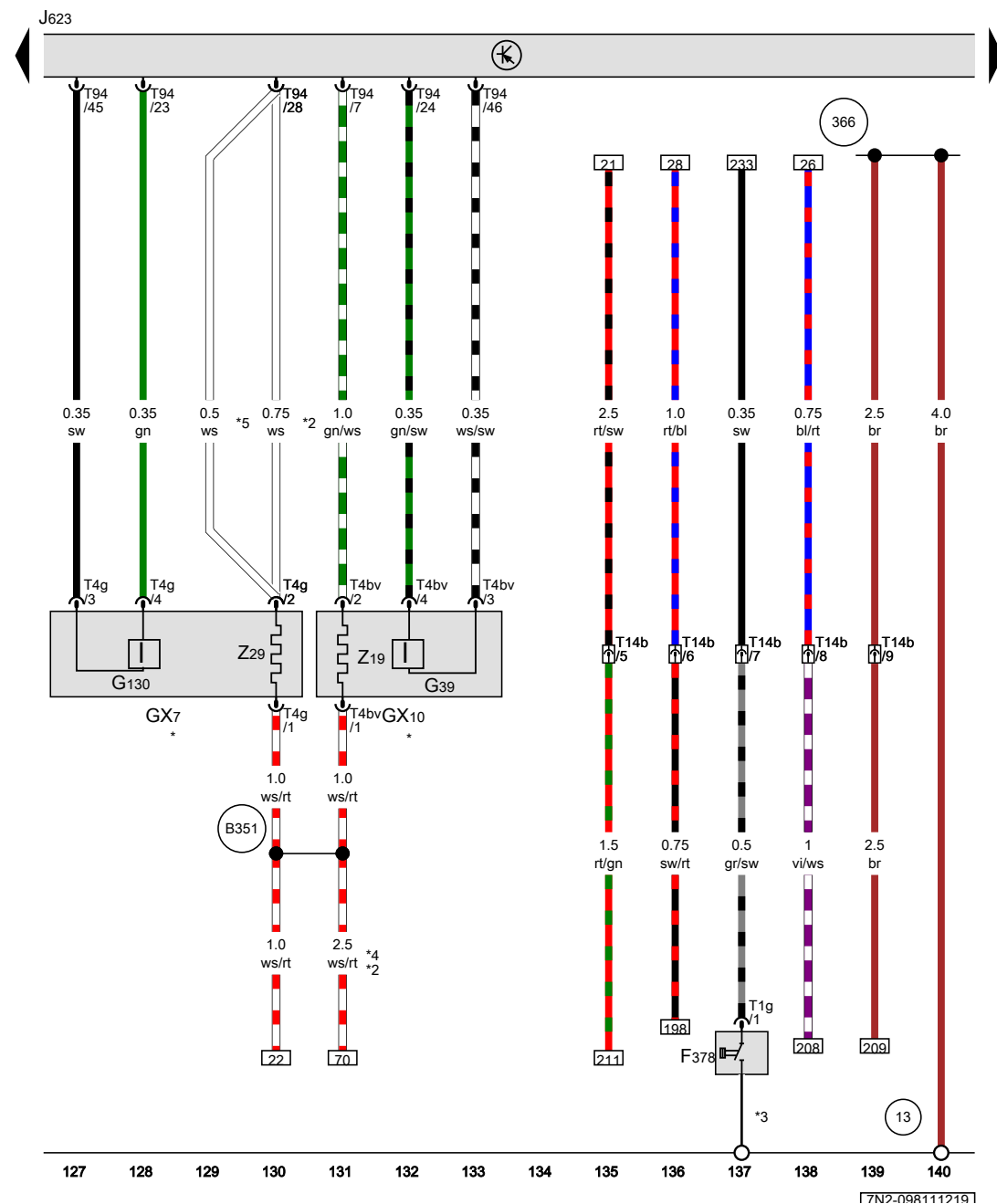
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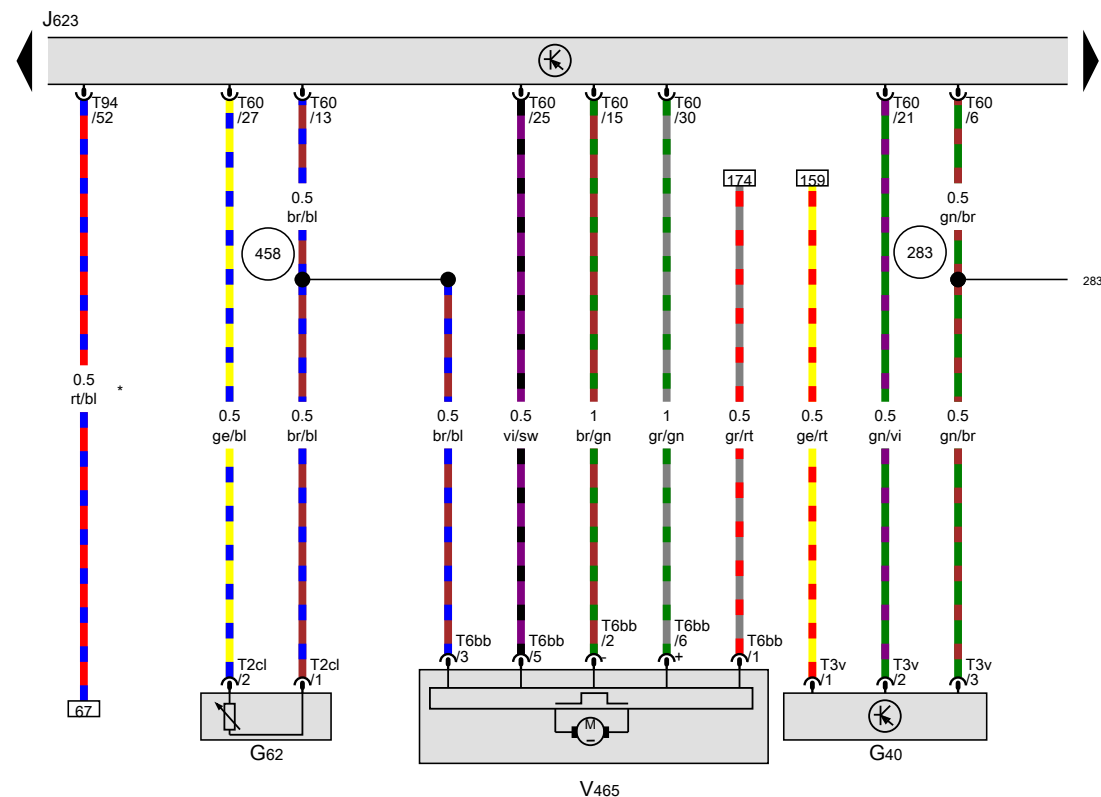
Oil pressure switch for reduced oil pressure, Lambda probe 1 after catalytic converter, Lambda probe 1 before catalytic converter, Engine/motor control unit

- 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
- T1g 1-pin connector, black
- T4bv 4-pin connector, black
- T4g 4-pin connector, black
- T14b 14-pin connector, grey
- T94 94-pin connector, black
- Z19 Lambda probe heater
- Z29 Lambda probe 1 heater after catalytic converter

- 13 Earth point, on right in engine compartment
- 366 Earth connection 1, in main wiring harness
- B351 Positive connection 2 (87a) in main wiring harness
- * Pre-wired component
- *2 Up to July 2018
- *3 Earth supply via housing
- *4 For models with equipment for Japan
- *5 From July 2018

ws = white
sw = black
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or = orange
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Hall sender, Coolant temperature sender, Engine/motor control unit, Charge pressure positioner

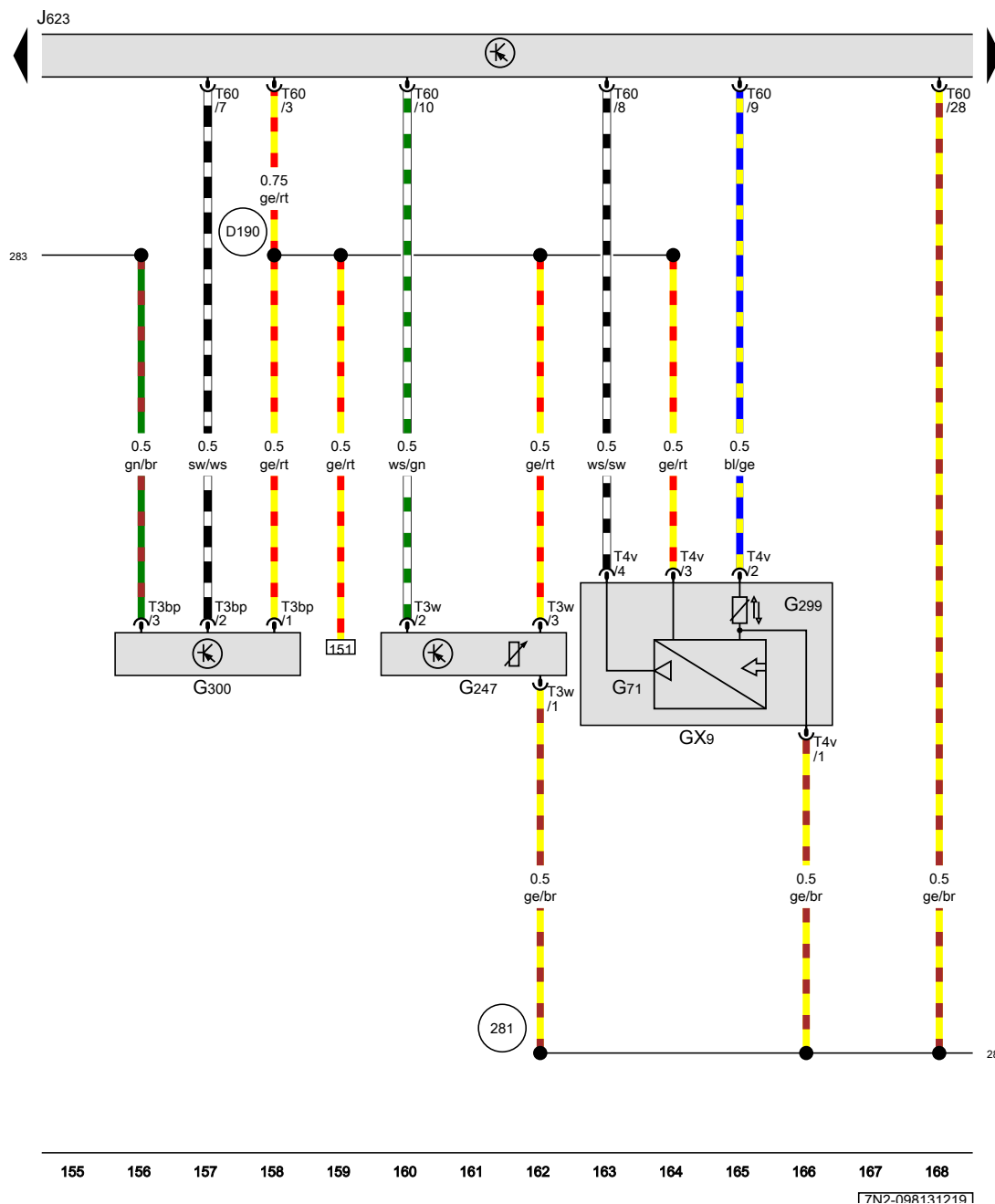
- G40 Hall sender
- G62 Coolant temperature sender
- J623 Engine/motor control unit
- T2cl 2-pin connector, black
- T3v 3-pin connector, black
- T6bb 6-pin connector, grey
- T60 60-pin connector, black
- T94 94-pin connector, black
- V465 Charge pressure positioner

283 Earth point 2, engine prewiring harness

458 Earth point 3, engine prewiring harness

* From July 2018

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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



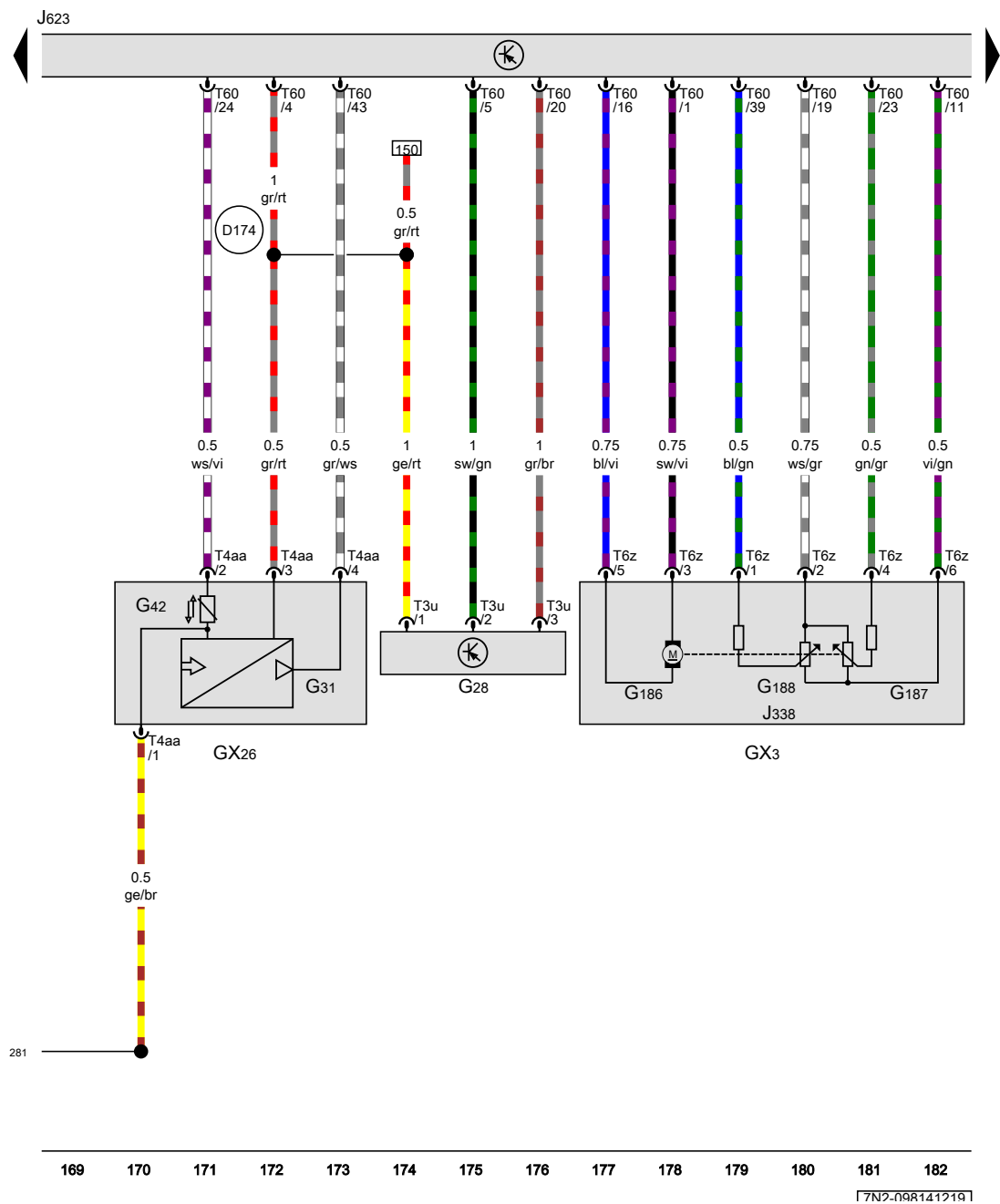
Intake manifold sender, Fuel pressure sender, Hall sender 3, Engine/motor control unit

- GX9 Intake manifold sender
- G71 Intake manifold pressure sender
- G247 Fuel pressure sender
- G299 Intake air temperature sender 2
- G300 Hall sender 3
- J623 Engine/motor control unit
- T3bp 3-pin connector, black
- T3w 3-pin connector, black
- T4v 4-pin connector, black
- T60 60-pin connector, black

281 Earth point 1, engine prewiring harness

283 Earth point 2, engine prewiring harness

D190 Connection 3 (5V) in engine prewiring harness



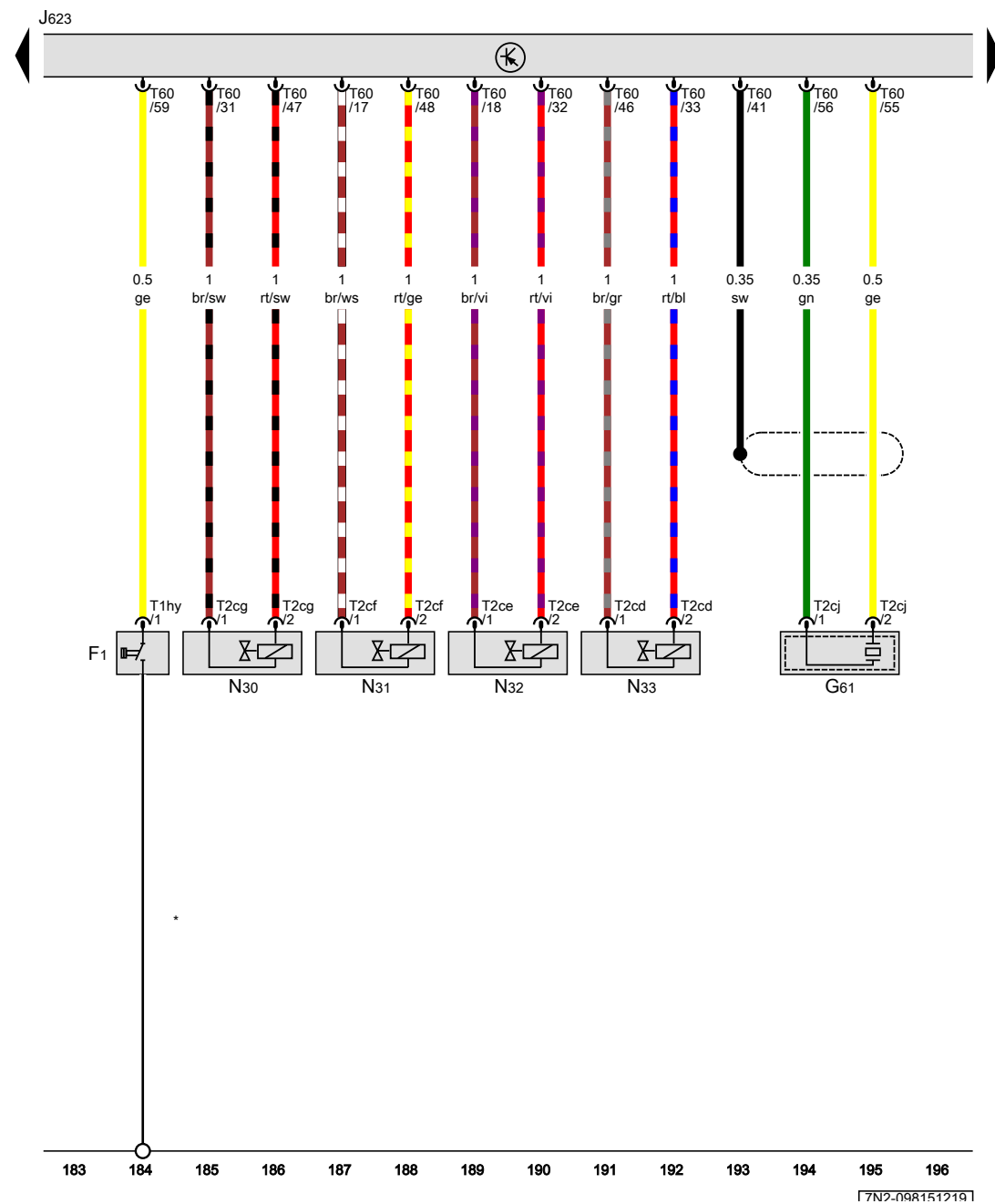
Throttle valve module, Charge pressure sender, Engine speed sender, Engine/motor control unit

- GX3 Throttle valve module
- GX26 Charge pressure sender
- G28 Engine speed sender
- G31 Charge pressure sender
- G42 Intake air 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
- T3u 3-pin connector, black
- T4aa 4-pin connector, black
- T6z 6-pin connector, black
- T60 60-pin connector, black

281 Earth point 1, 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

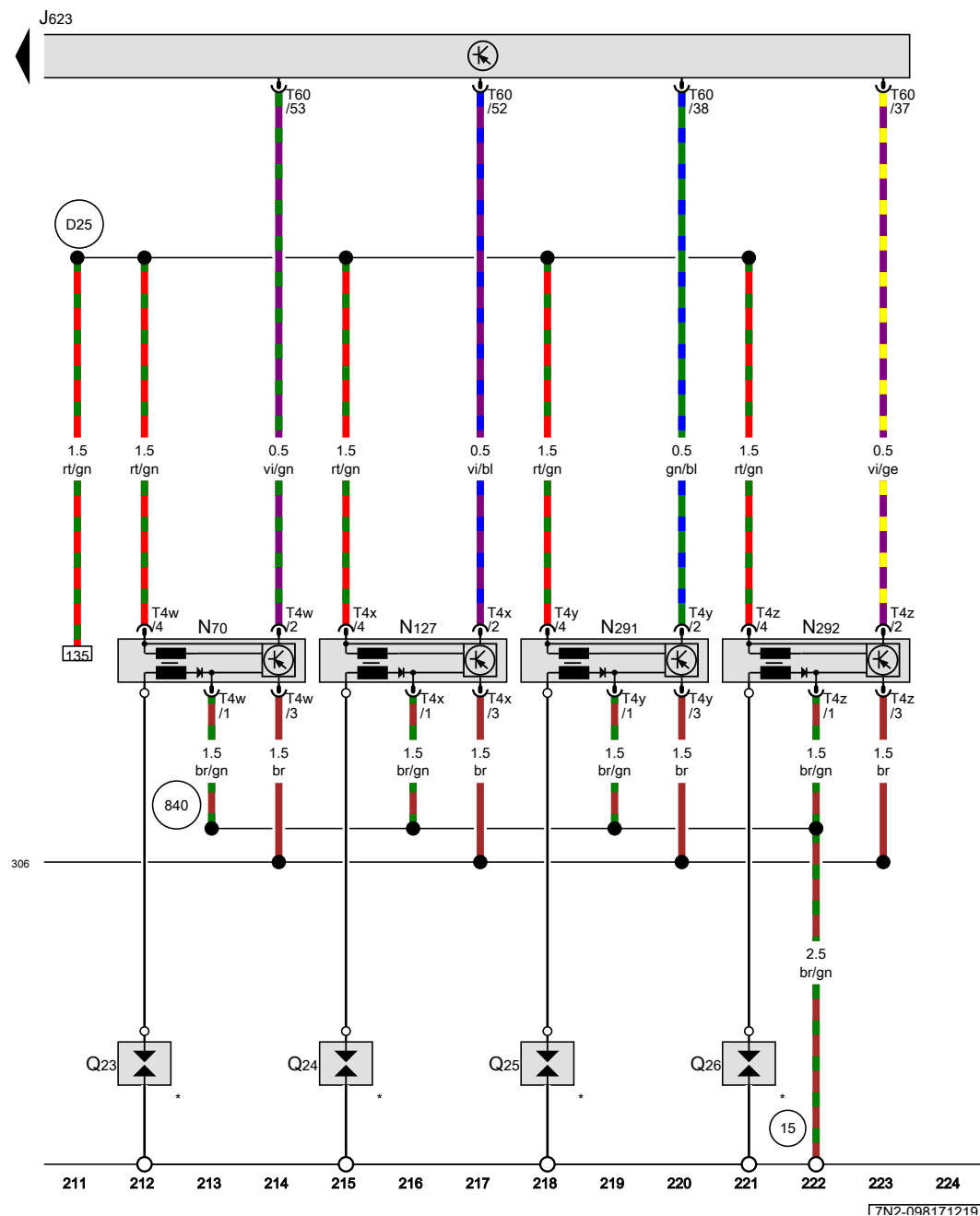


Oil pressure switch, Knock sensor 1, Engine/motor control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

- F1 Oil pressure switch
- G61 Knock sensor 1
- J623 Engine/motor control unit
- N30 Injector, cylinder 1
- N31 Injector, cylinder 2
- N32 Injector, cylinder 3
- N33 Injector, cylinder 4
- T1hy 1-pin connector, dark blue
- T2cd 2-pin connector, black
- T2ce 2-pin connector, black
- T2cf 2-pin connector, black
- T2cg 2-pin connector, black
- T2cj 2-pin connector, black
- T60 60-pin connector, black
- * 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



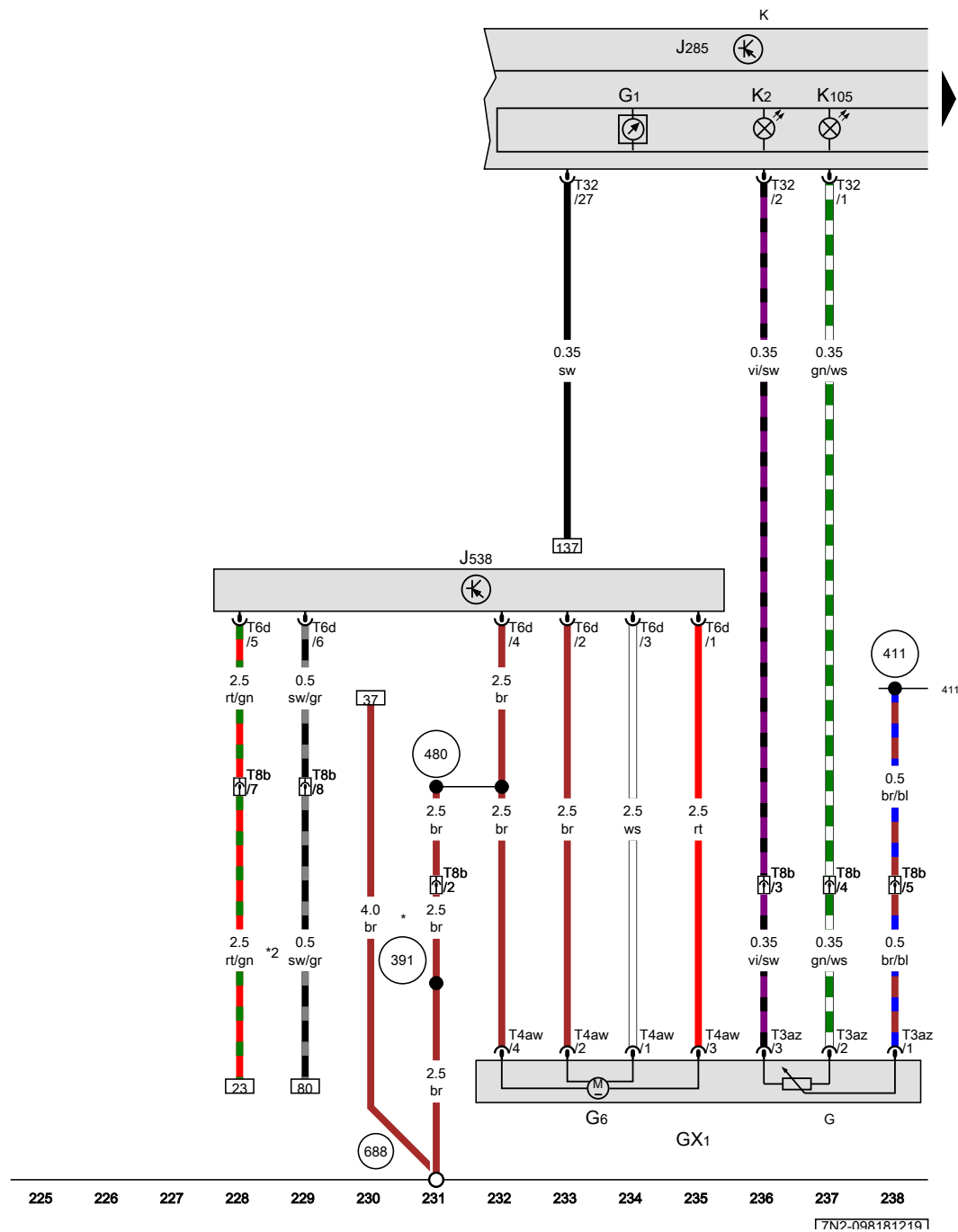


Engine/motor control unit, Ignition coil 1 with output stage, Ignition coil 2 with output stage, Ignition coil 3 with output stage, Ignition coil 4 with output stage

- 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
- Q23 Spark plug 1
- Q24 Spark plug 2
- Q25 Spark plug 3
- Q26 Spark plug 4
- T4w 4-pin connector, black
- T4x 4-pin connector, black
- T4y 4-pin connector, black
- T4z 4-pin connector, black
- T60 60-pin connector, black

- 15 Earth point, on cylinder head
- 306 Earth connection (ignition coils), in engine prewiring harness
- 840 Earth connection (engine earth), in engine prewiring harness
- D25 Positive connection (15), in engine prewiring harness
- * Earth supply via housing

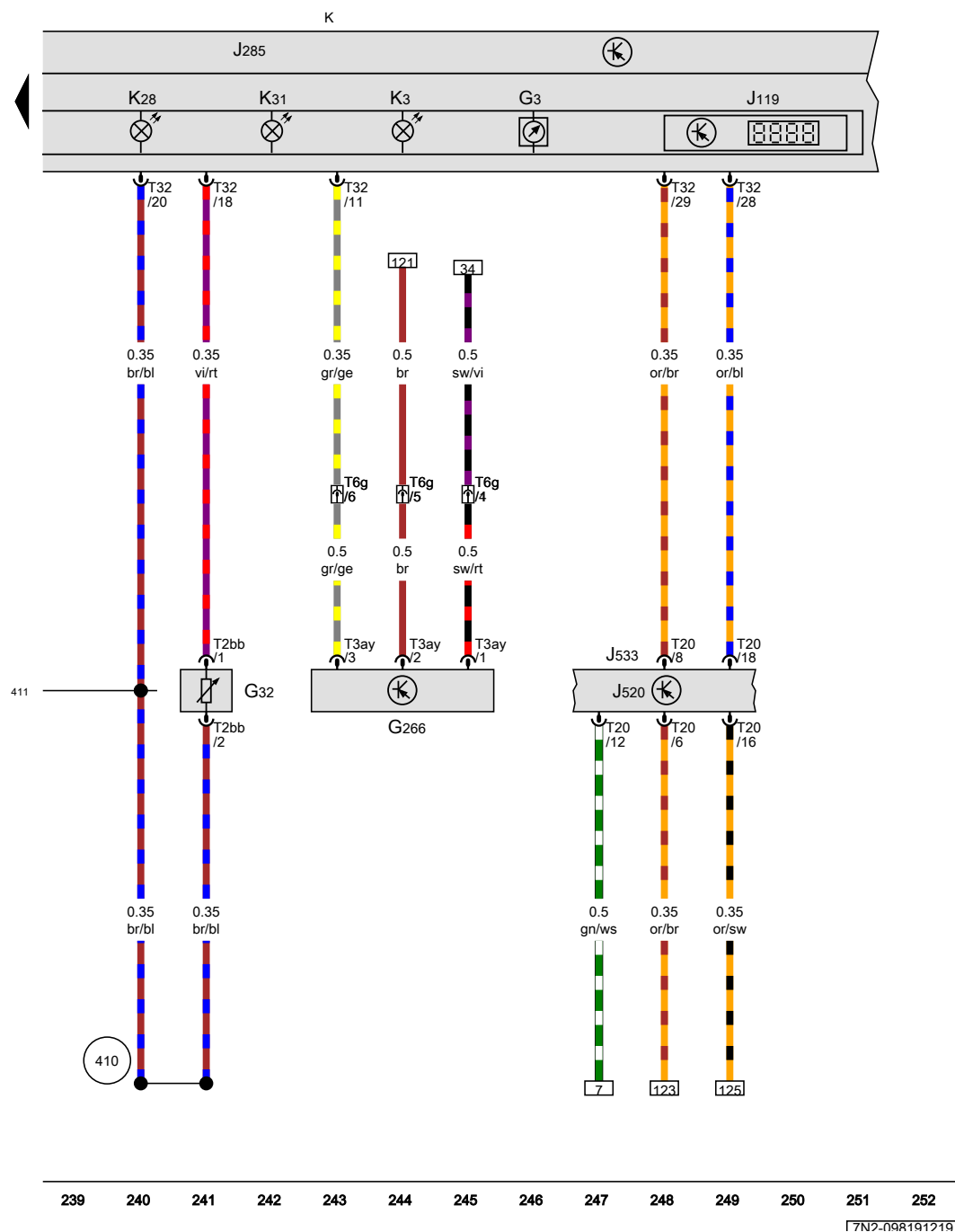
Fuel delivery unit, Control unit in dash panel insert, Fuel pump control unit



- G Fuel gauge sender
- GX1 Fuel delivery unit
- G1 Fuel gauge
- G6 Fuel system pressurisation pump
- J285 Control unit in dash panel insert
- J538 Fuel pump control unit
- K Dash panel insert
- K2 Alternator warning lamp
- K105 Reserve fuel warning lamp
- T3az 3-pin connector, black
- T4aw 4-pin connector, black
- T6d 6-pin connector, black
- T8b 8-pin connector, black
- T32 32-pin connector, blue

- 391 Earth connection 26, in main wiring harness
- 411 Earth connection 2 (sender earth) in main wiring harness
- 480 Earth connection, in fuel tank wiring harness
- 688 Earth point 2, on centre tunnel
- * For models with equipment for Japan
- *2 For models with no equipment for Japan

- 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



Coolant shortage indicator sender, Oil level and oil temperature sender, Control unit in dash panel insert, Onboard supply control unit 2, Data bus diagnostic interface

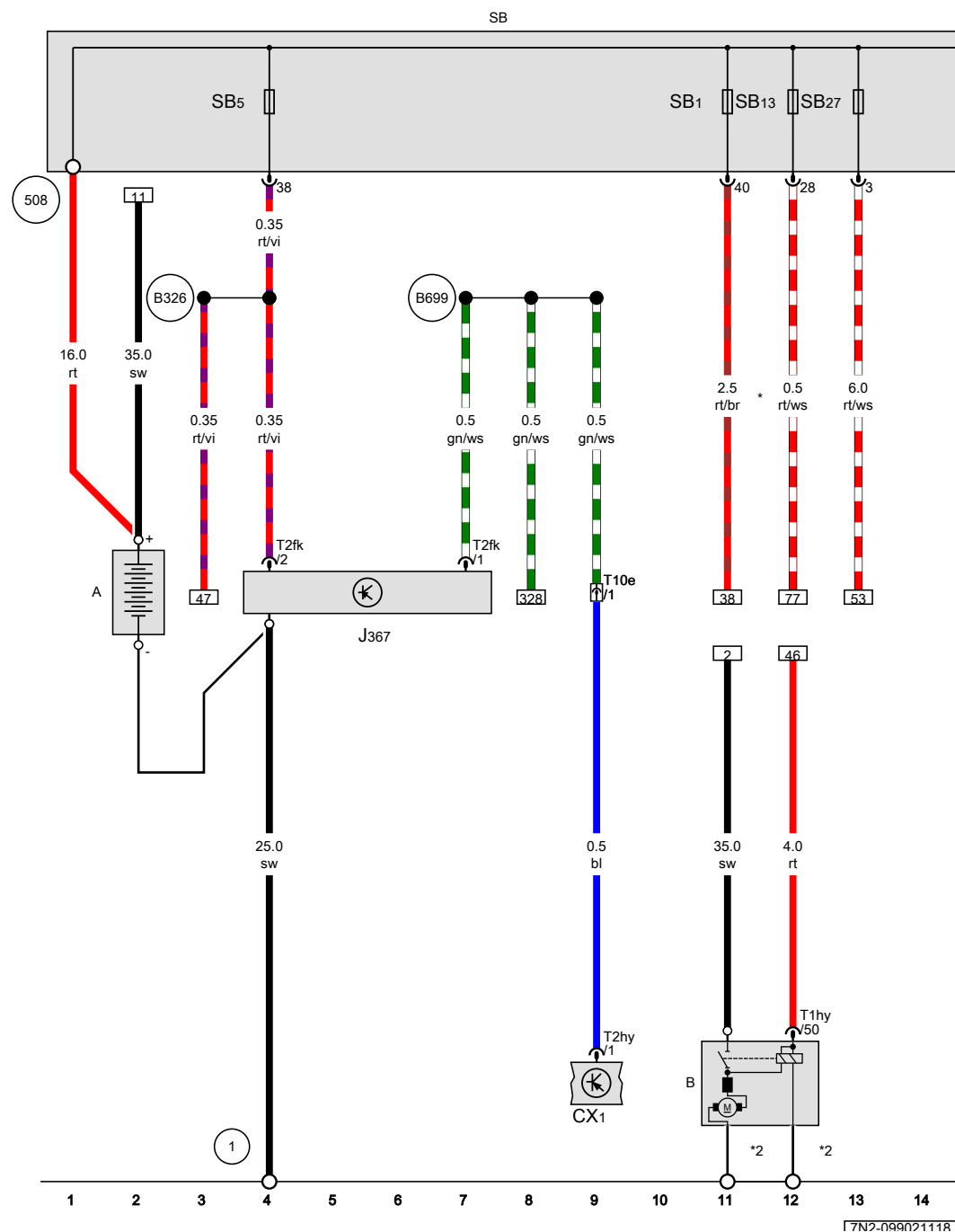
- G3: Coolant temperature gauge
- G32: Coolant shortage indicator sender
- G266: Oil level and oil temperature sender
- J119: Multifunction indicator
- J285: Control unit in dash panel insert
- J520: Onboard supply control unit 2
- J533: Data bus diagnostic interface
- K: Dash panel insert
- K3: Oil pressure warning lamp
- K28: Coolant temperature and coolant shortage warning lamp
- K31: Cruise control system warning lamp
- T2bb: 2-pin connector, black
- T3ay: 3-pin connector, black
- T6g: 6-pin connector, black
- T20: 20-pin connector, red
- T32: 32-pin connector, blue

410: Earth connection 1 (sender earth) in main wiring harness

411: Earth connection 2 (sender earth) in main wiring harness

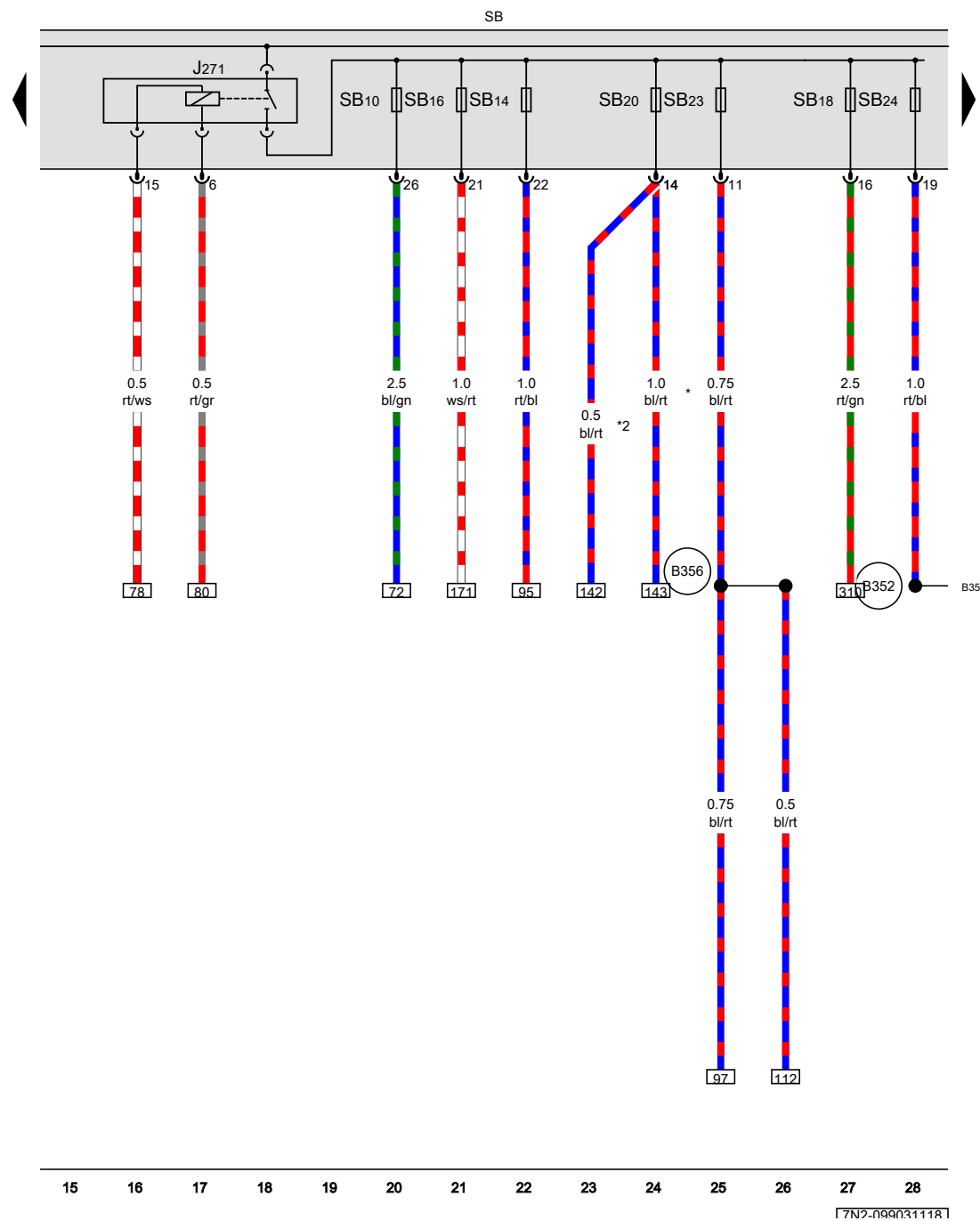
2.0l petrol engine , DEDA

From May 2016



Battery, Starter, Alternator with voltage regulator, Battery monitor control unit, Fuse holder B

- A Battery
- B Starter
- CX1 Alternator with voltage regulator
- J367 Battery monitor control unit, on earth cable battery clamp
- SB Fuse holder B
- SB1 Fuse 1 on fuse holder B
- SB5 Fuse 5 on fuse holder B
- SB13 Fuse 13 on fuse holder B
- SB27 Fuse 27 on fuse holder B
- T1hy 1-pin connector, black
- T2fk 2-pin connector, yellow
- T2hy 2-pin connector, black
- T10e 10-pin connector, black
- 1 Earth strap, battery - body
- 508 Threaded connection (30) on E-box
- B326 Positive connection 12 (30a) in main wiring harness
- B699 Connection 4 (LIN bus) in main wiring harness
- * For models with equipment for Japan
- *2 Earth supply via housing



Main relay, Fuse holder B

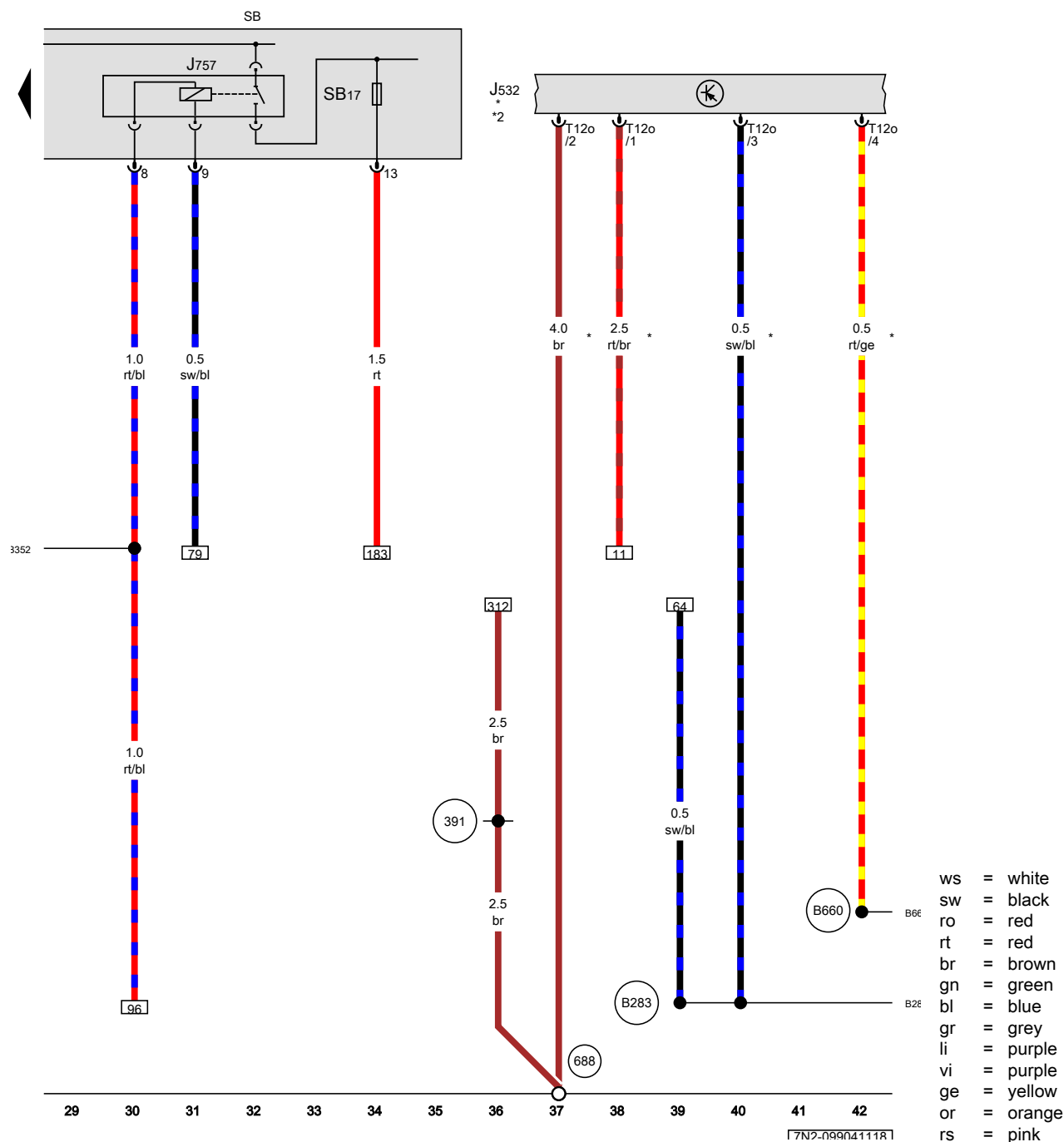
- J271 Main relay
- SB Fuse holder B
- SB10 Fuse 10 on fuse holder B
- SB14 Fuse 14 on fuse holder B
- SB16 Fuse 16 on fuse holder B
- SB18 Fuse 18 on fuse holder B
- SB20 Fuse 20 on fuse holder B
- SB23 Fuse 23 on fuse holder B
- SB24 Fuse 24 on fuse holder B

B352 Positive connection 3 (87a) in main wiring harness

B356 Positive connection 7 (87a) in main wiring harness

* Up to May 2017

*2 From May 2017

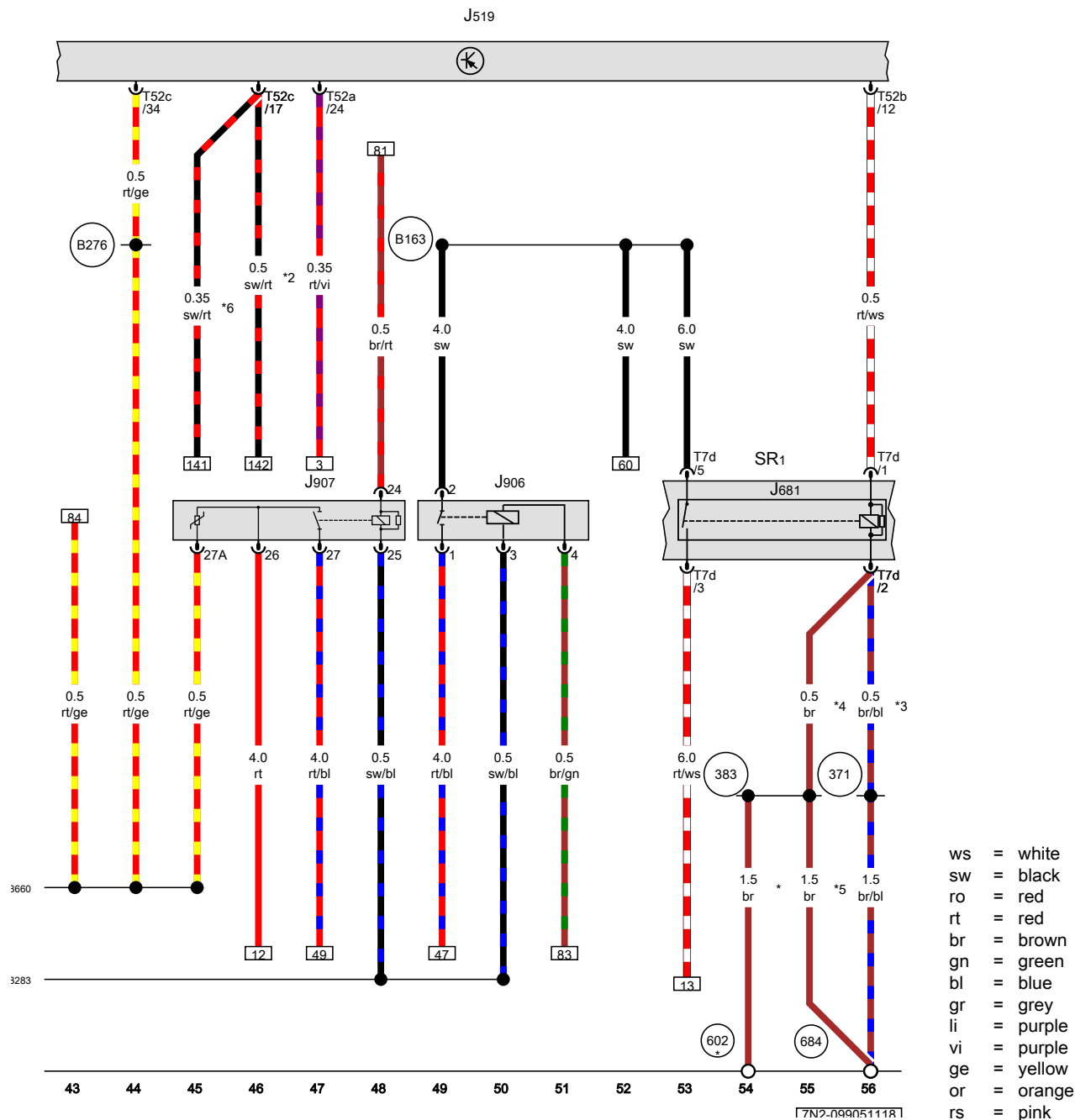


Voltage stabiliser, Engine component current supply relay, Fuse holder B

- J532 Voltage stabiliser
- J757 Engine component current supply relay
- SB Fuse holder B
- SB17 Fuse 17 on fuse holder B
- T12o 12-pin connector, red

- 391 Earth connection 26, in main wiring harness
- 688 Earth point 2, on centre tunnel
- B283 Positive connection 7 (15a) in main wiring harness
- B352 Positive connection 3 (87a) in main wiring harness
- B660 Connection (diagnosis terminal 50), in main wiring harness

- * For models with equipment for Japan
- *2 see applicable current flow diagram for fuse assignment

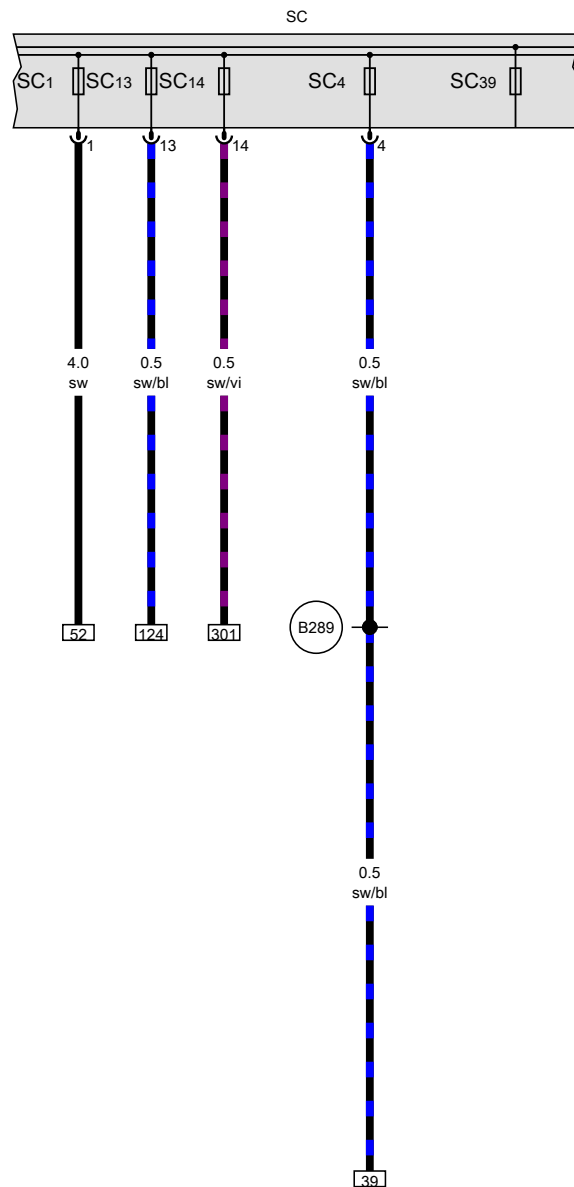


Onboard supply control unit, Terminal 15 voltage supply relay 2, Starter relay 1, Starter relay 2, Relay and fuse carrier 1

- J519 Onboard supply control unit
- J681 Terminal 15 voltage supply relay 2
- J906 Starter relay 1
- J907 Starter relay 2
- SR1 Relay and fuse carrier 1
- T7d 7-pin connector, black
- T52a 52-pin connector, black
- T52b 52-pin connector, colourless
- T52c 52-pin connector, brown

- 371 Earth connection 6, in main wiring harness
- 383 Earth connection 18, in main wiring harness
- 602 Earth point, in front left footwell
- 684 Earth point on front of left side member
- B163 Positive connection 1 (15), in interior wiring harness
- B276 Positive connection (50), in main wiring harness
- B283 Positive connection 7 (15a) in main wiring harness
- B660 Connection (diagnosis terminal 50), in main wiring harness

- * From November 2018
- *2 Up to May 2017
- *3 Up to November 2016
- *4 From November 2016
- *5 Up to November 2018
- *6 From May 2017



Fuse holder C

- SC Fuse holder C
- SC1 Fuse 1 on fuse holder C
- SC4 Fuse 4 on fuse holder C
- SC13 Fuse 13 on fuse holder C
- SC14 Fuse 14 on fuse holder C
- SC39 Fuse 39 on fuse holder C
- B289 Positive connection 13 (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

57 58 59 60 61 62 63 64 65 66 67 68 69 70

[7N2-099061118]

Engine/motor control unit

J623 Engine/motor control unit

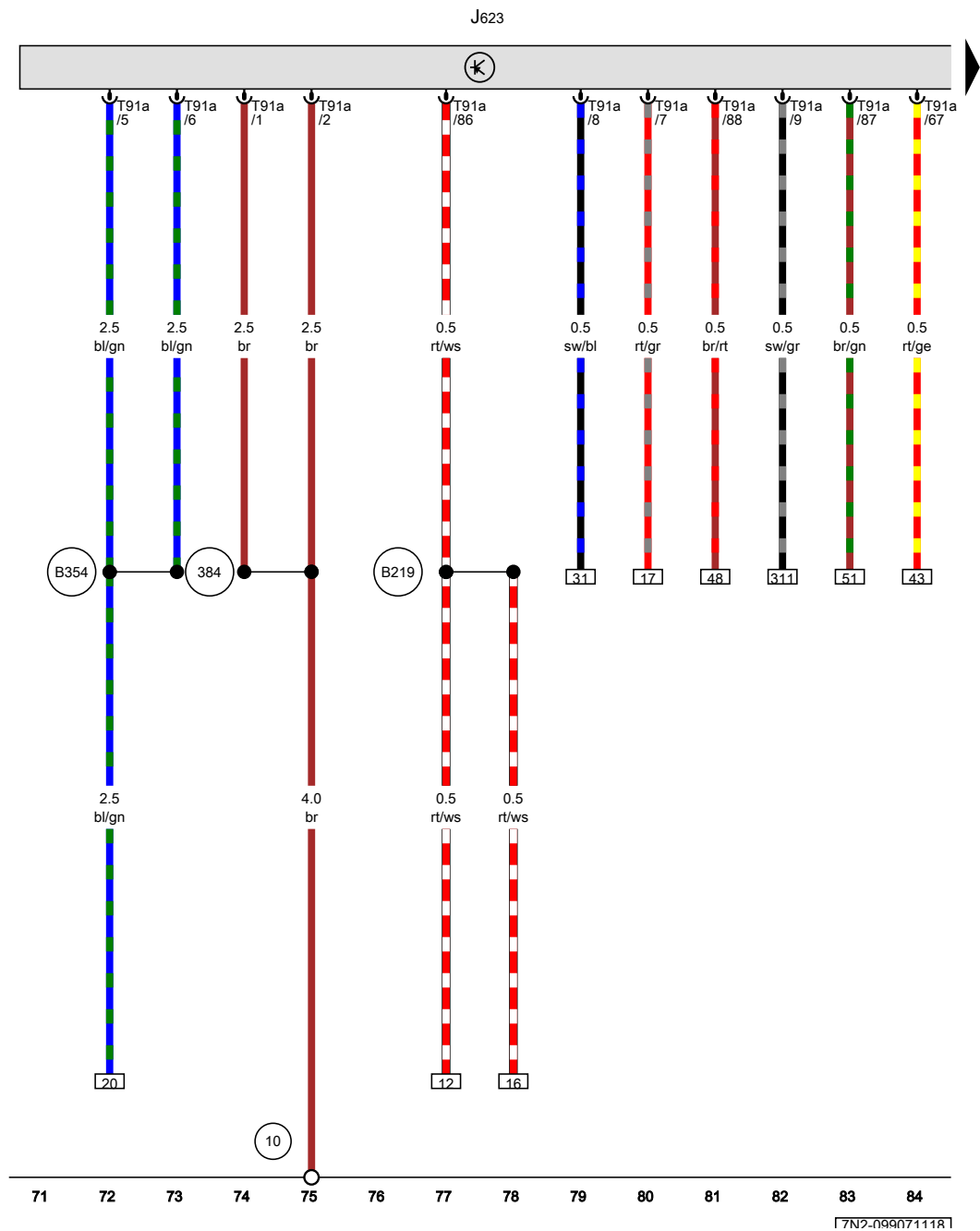
T91a 91-pin connector, black

10 Earth point, in plenum chamber

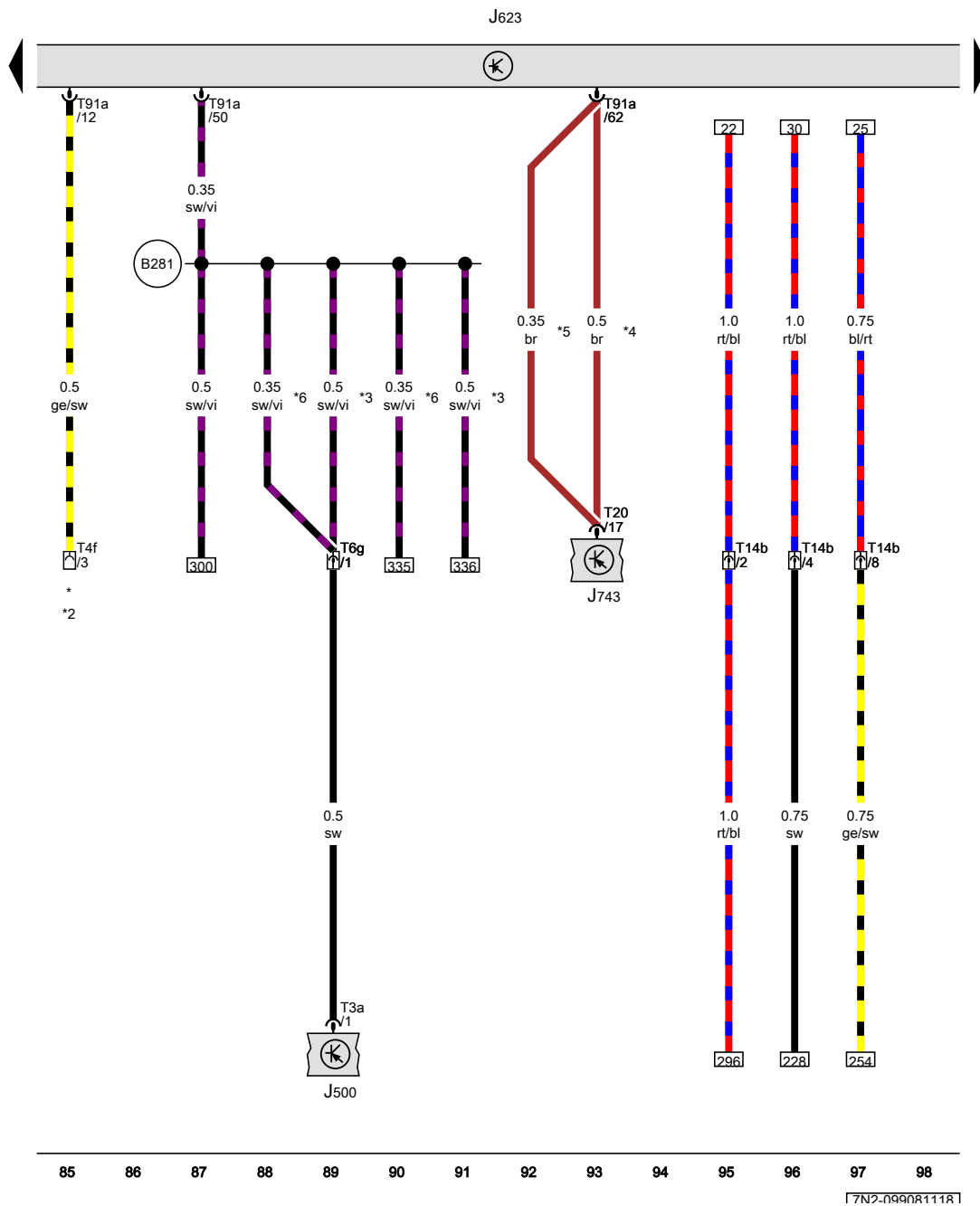
384 Earth connection 19, in main wiring harness

B219 Positive connection 4 (30a), in interior wiring harness

B354 Positive connection 5 (87a) 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

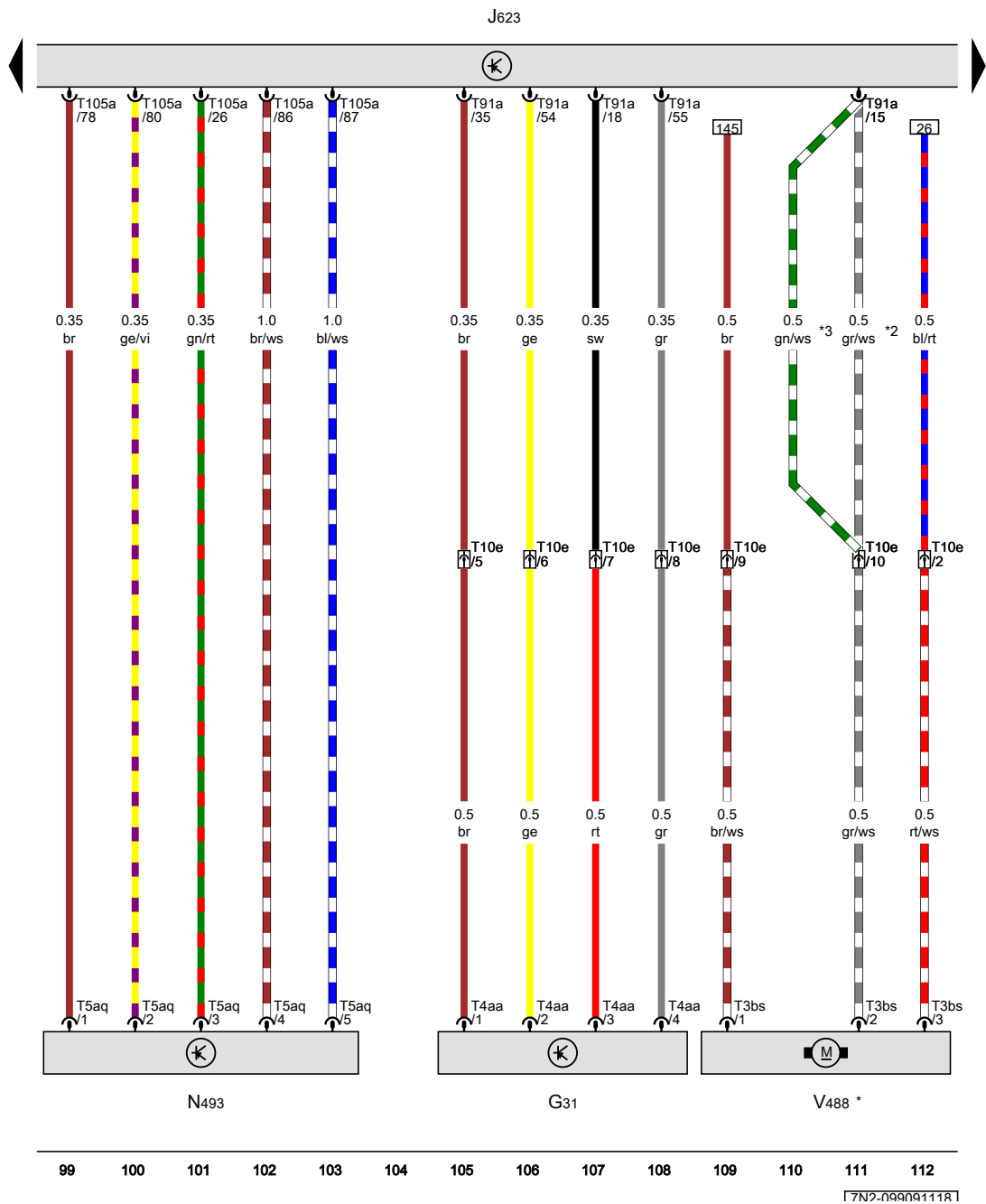


Power steering control unit, Engine/motor control unit, Mechatronic unit for dual clutch gearbox

- J500 Power steering control unit
- J623 Engine/motor control unit
- J743 Mechatronic unit for dual clutch gearbox
- T3a 3-pin connector, black
- T4f 4-pin connector, black
- T6g 6-pin connector, black
- T14b 14-pin connector, grey
- T20 20-pin connector, black
- T91a 91-pin connector, black

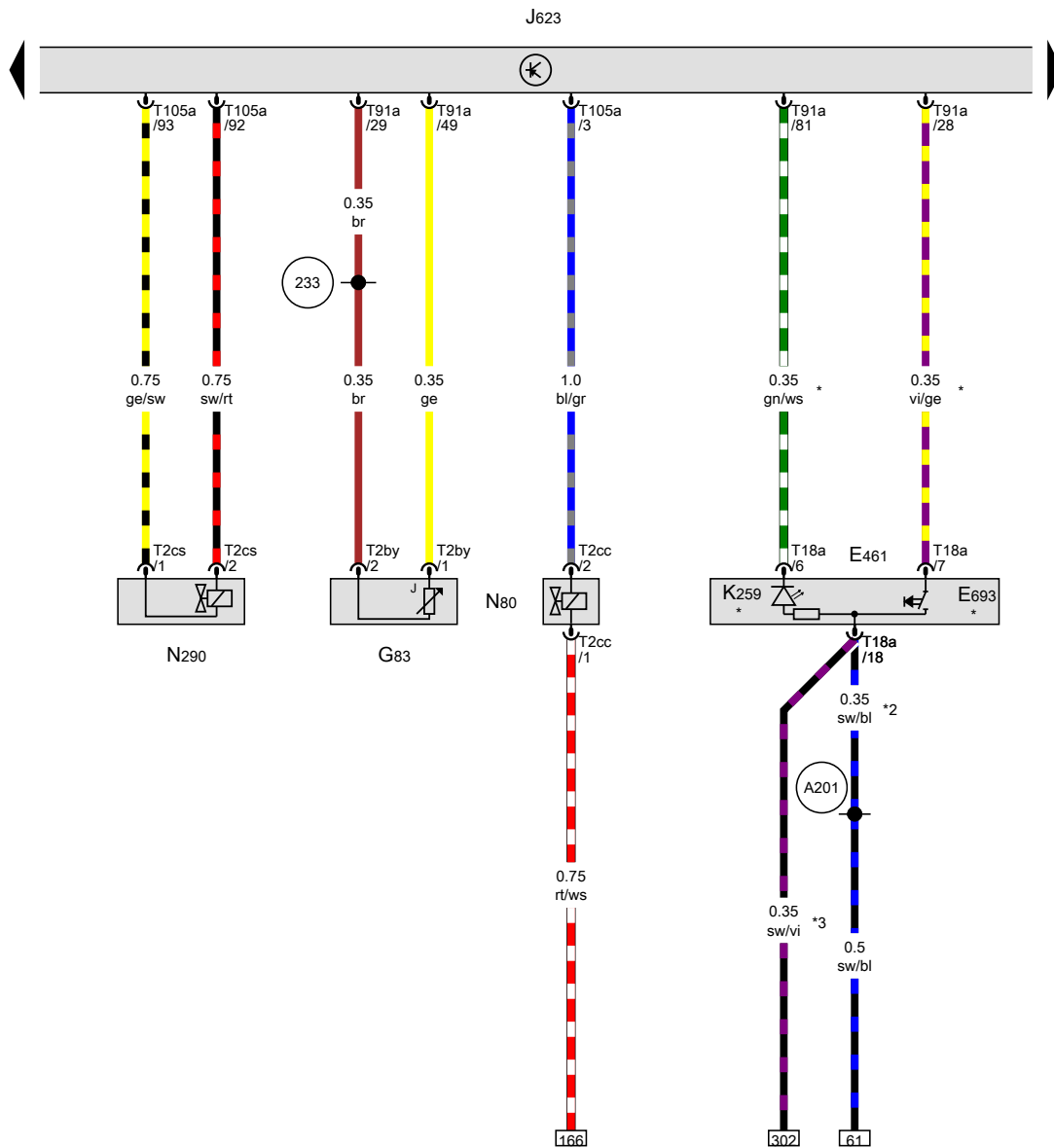
B281 Positive connection 5 (15a) in main wiring harness

- * Radiator fan connection
- *2 see applicable current flow diagram for radiator fan
- *3 Up to November 2018
- *4 Up to May 2017
- *5 From May 2017
- *6 From November 2018



Charge pressure sender, Engine/motor control unit, Actuator for engine temperature regulation, Auxiliary pump for heating

- G31 Charge pressure sender
- J623 Engine/motor control unit
- N493 Actuator for engine temperature regulation
- T3bs 3-pin connector, black
- T4aa 4-pin connector, black
- T5aq 5-pin connector, black
- T10e 10-pin connector, black
- T91a 91-pin connector, black
- T105a 105-pin connector, black
- V488 Auxiliary pump for heating
- * For countries with hot climate
- *2 Up to November 2016
- *3 From November 2016



Operating unit in front of centre console, Start/Stop operation button, Radiator outlet coolant temperature sender, Engine/motor control unit, Activated charcoal filter solenoid valve 1, Fuel metering valve

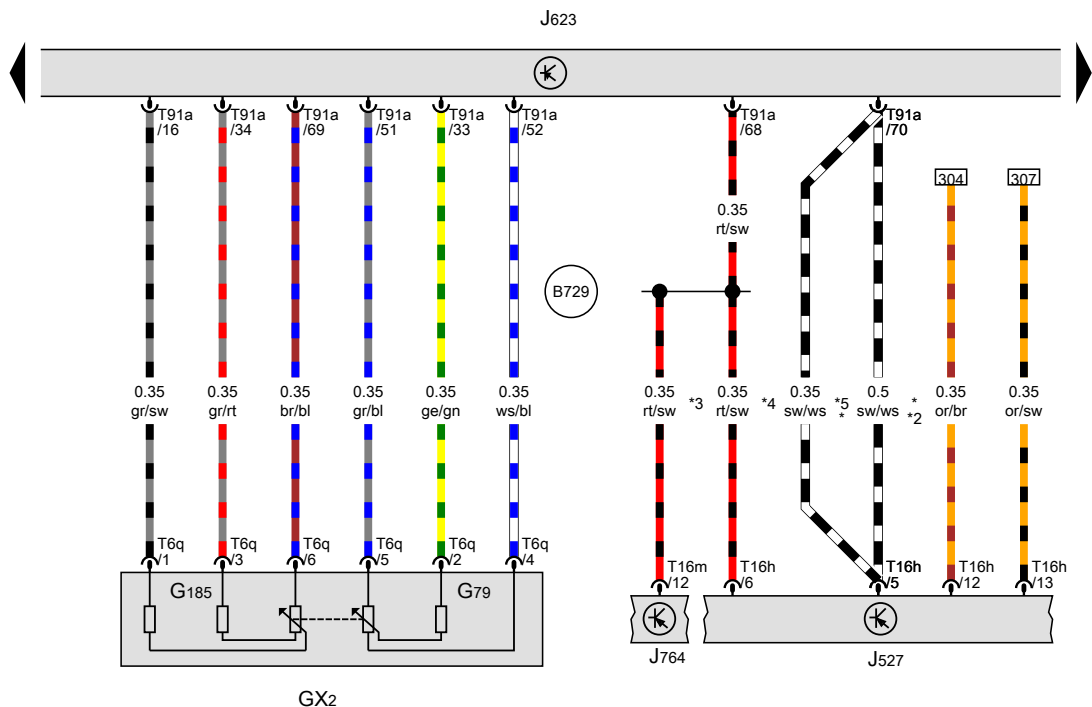
- E461 Operating unit in front of centre console, in centre console
- E693 Start/Stop operation button
- G83 Radiator outlet coolant temperature sender
- J623 Engine/motor control unit
- K259 Start/Stop operation warning lamp
- N80 Activated charcoal filter solenoid valve 1
- N290 Fuel metering valve
- T2by 2-pin connector, black
- T2cc 2-pin connector, black
- T2cs 2-pin connector, black
- T18a 18-pin connector, colourless
- T91a 91-pin connector, black
- T105a 105-pin connector, black

233 Earth connection (sender earth) in Climatronic/radiator fan wiring harness

A201 Positive connection 6 (15a) in dash panel wiring harness

- * According to equipment
- *2 Up to November 2016
- *3 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



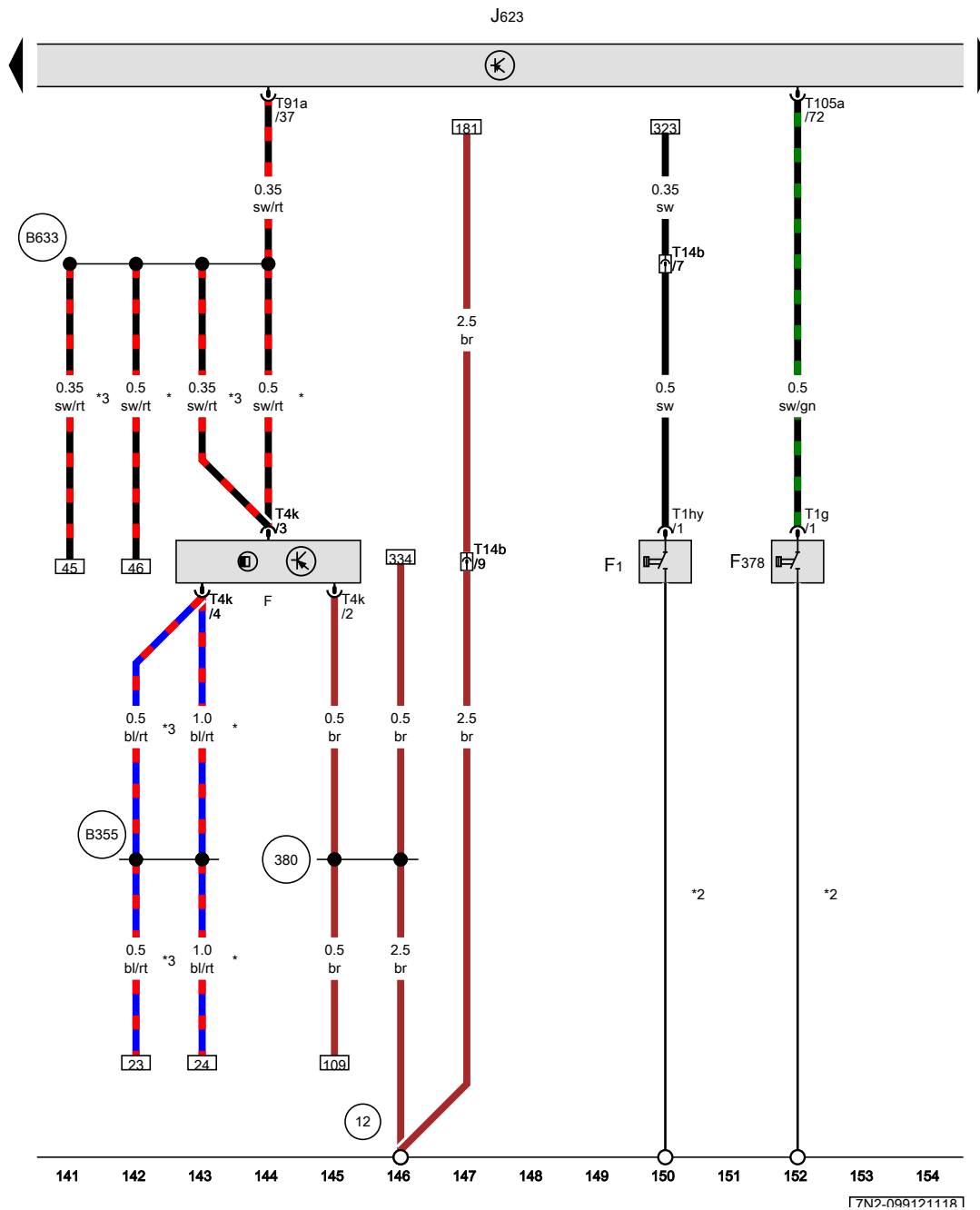
Accelerator pedal module, Steering column electronics control unit, Engine/motor control unit, Control unit for electronic steering column lock

- GX2 Accelerator pedal module
- 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
- T6q 6-pin connector, black
- T16h 16-pin connector, black
- T16m 16-pin connector, black
- T91a 91-pin connector, black

B729 Connection 1 (50), in main wiring harness

- * For models with cruise control system (CCS)
- *2 Up to May 2017
- *3 For models with entry and start authorisation
- *4 For models with no entry and start authorisation
- *5 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

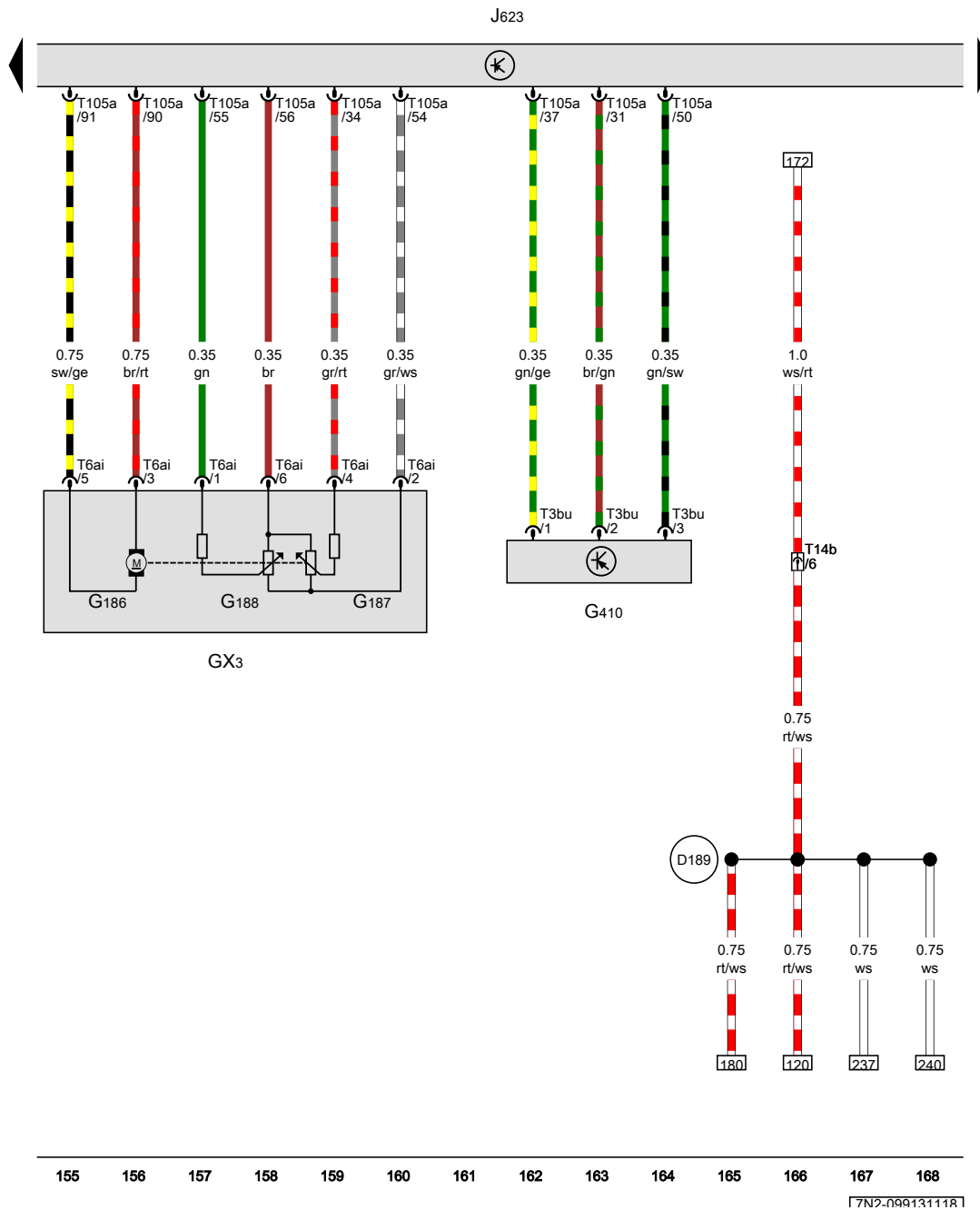


Brake light switch, Oil pressure switch, Oil pressure switch for reduced oil pressure, Engine/motor control unit

- F Brake light switch
- F1 Oil pressure switch
- F378 Oil pressure switch for reduced oil pressure
- J623 Engine/motor control unit
- T1g 1-pin connector, black
- T1hy 1-pin connector, black
- T2ho 2-pin connector, black
- T2ke 2-pin connector, black
- T4k 4-pin connector, black
- T14b 14-pin connector, grey
- T91a 91-pin connector, black
- T105a 105-pin connector, black

- 12 Earth point, on left in engine compartment
- 380 Earth connection 15, in main wiring harness
- B355 Positive connection 6 (87a) in main wiring harness
- B633 Connection (brake pedal switch), in main wiring harness
- * Up to May 2017
- *2 Earth supply via housing
- *3 From May 2017

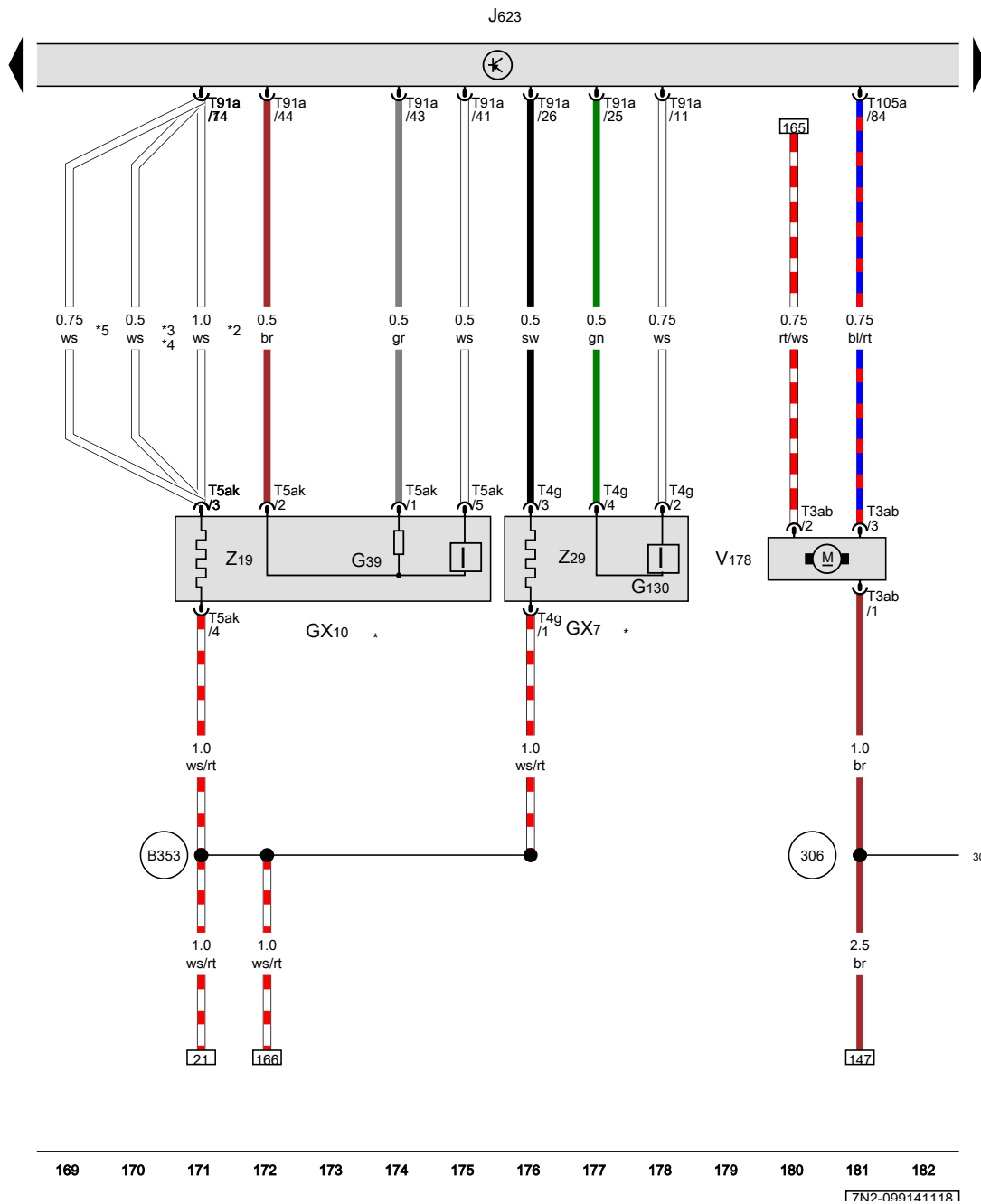
- ws = white
- sw = black
- ro = red
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- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
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- rs = pink



Throttle valve module, Fuel pressure sender for low pressure, 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
- G410 Fuel pressure sender for low pressure
- J623 Engine/motor control unit
- T3bu 3-pin connector, black
- T6ai 6-pin connector, black
- T14b 14-pin connector, black
- T105a 105-pin connector, black

D189 Connection (87a) in engine prewiring harness



Lambda probe 1 after catalytic converter, Lambda probe 1 before catalytic converter, Lambda probe, Engine/motor control unit, Coolant circulation pump 2

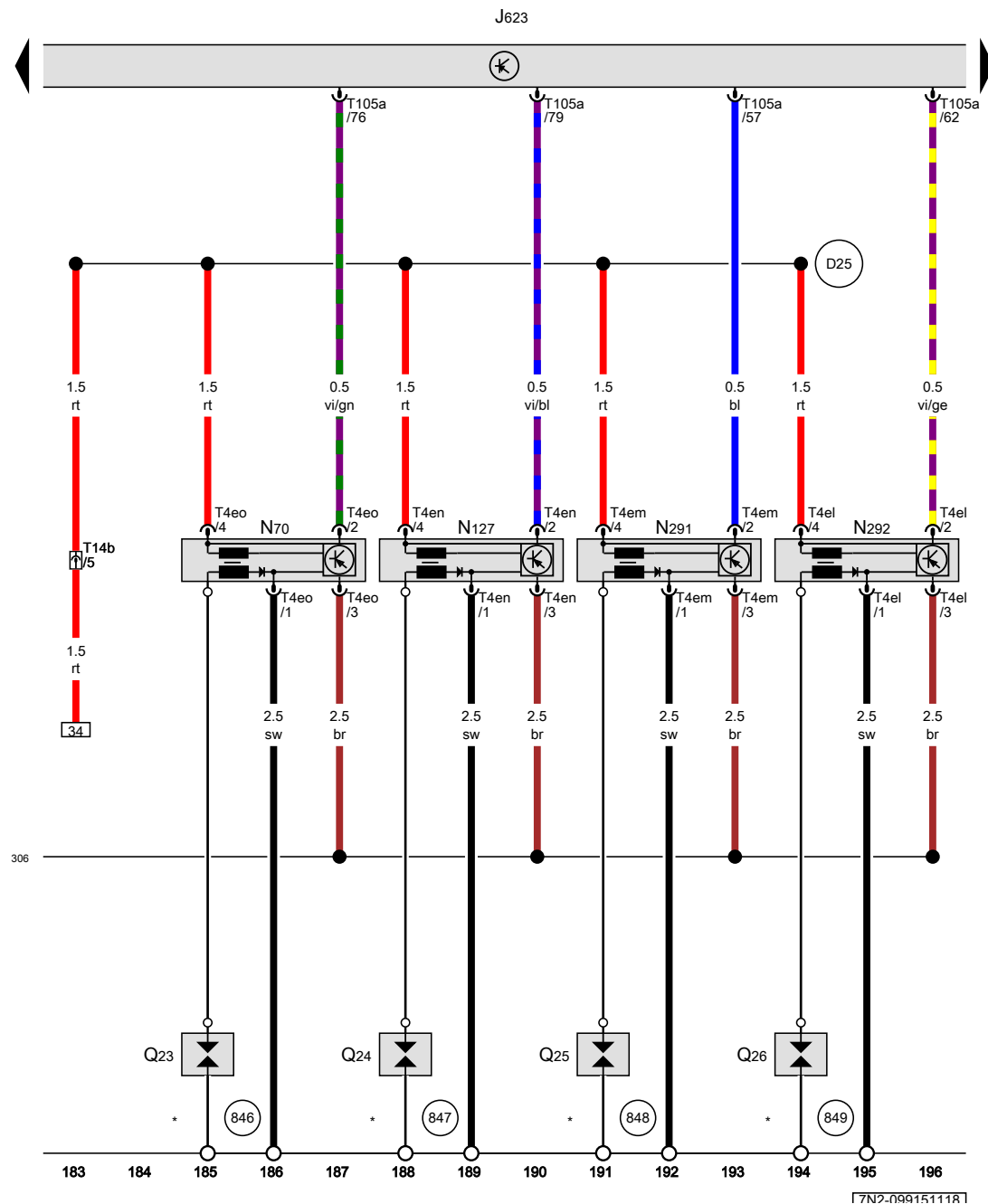
- GX7 Lambda probe 1 after catalytic converter
- GX10 Lambda probe 1 before catalytic converter
- G39 Lambda probe
- G130 Lambda probe after catalytic converter
- J623 Engine/motor control unit
- T3ab 3-pin connector, black
- T4g 4-pin connector, black
- T5ak 5-pin connector, brown
- T91a 91-pin connector, black
- T105a 105-pin connector, black
- V178 Coolant circulation pump 2
- Z19 Lambda probe heater
- Z29 Lambda probe 1 heater after catalytic converter

306 Earth connection (ignition coils), in engine prewiring harness

B353 Positive connection 4 (87a) in main wiring harness

- * Pre-wired component
- *2 Up to May 2017
- *3 From May 2017
- *4 Up to July 2018
- *5 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



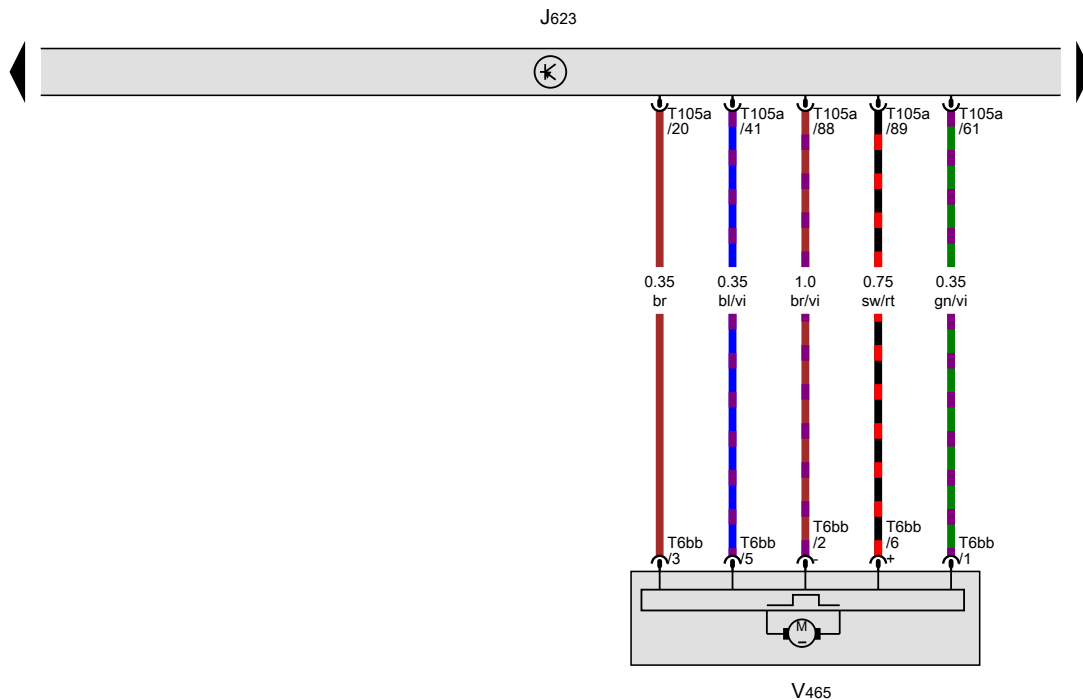
Engine/motor control unit, Ignition coil 1 with output stage, Ignition coil 2 with output stage, Ignition coil 3 with output stage, Ignition coil 4 with output stage

- 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
- Q23 Spark plug 1
- Q24 Spark plug 2
- Q25 Spark plug 3
- Q26 Spark plug 4
- T4el 4-pin connector, black
- T4em 4-pin connector, black
- T4en 4-pin connector, black
- T4eo 4-pin connector, black
- T14b 14-pin connector, grey
- T105a 105-pin connector, black

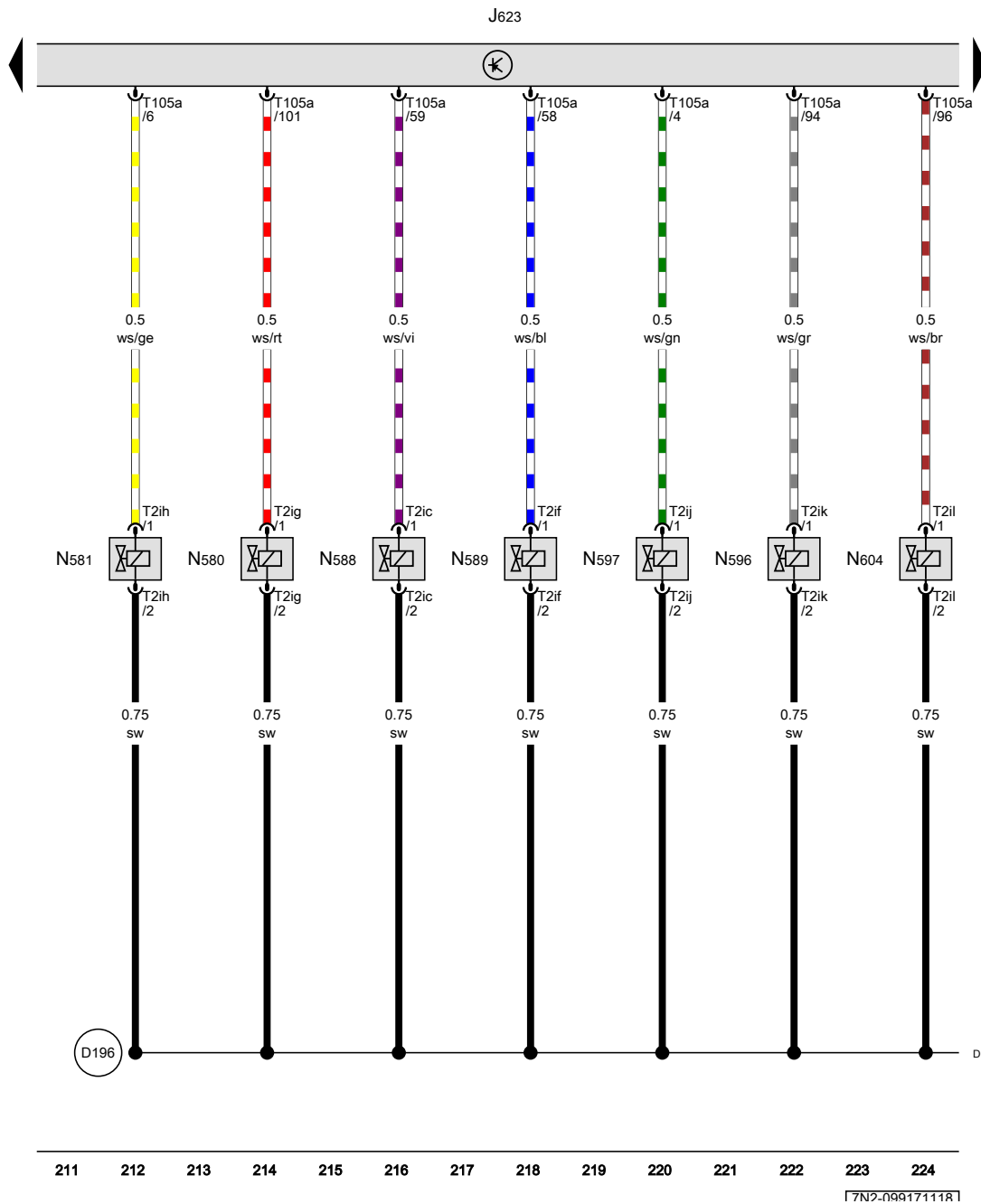
- 306 Earth connection (ignition coils), in engine prewiring harness
- 846 Earth point on ignition coil 1
- 847 Earth point on ignition coil 2
- 848 Earth point on ignition coil 3
- 849 Earth point on ignition coil 4
- D25 Positive connection (15), in engine prewiring harness
- * Earth supply via housing

Engine/motor control unit, Charge pressure positioner

J623 Engine/motor control unit
T6bb 6-pin connector, grey
T105a 105-pin connector, black
V465 Charge pressure positioner

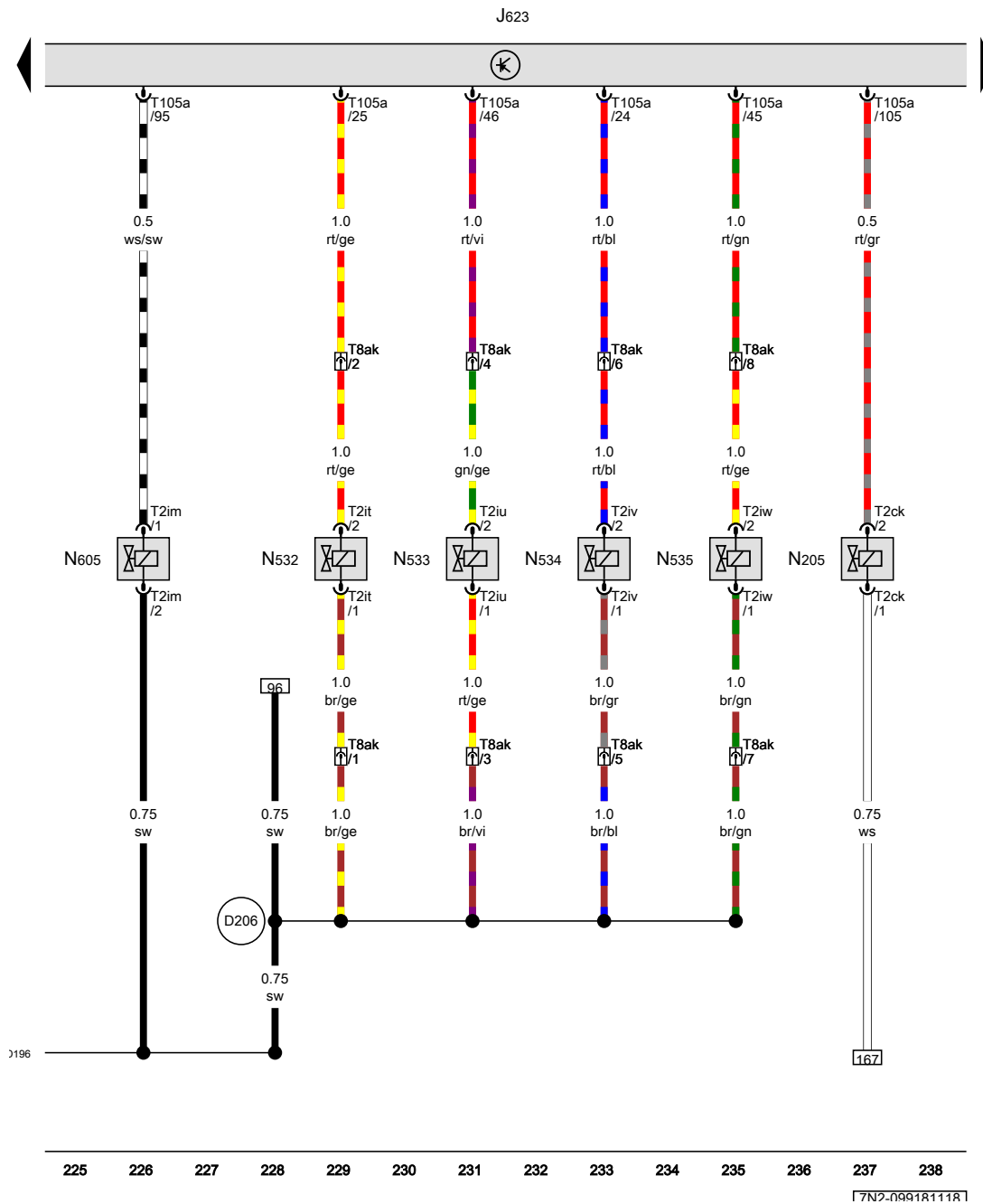


ws = white
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vi = purple
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Engine/motor control unit, Exhaust cam actuator A for cylinder 1, Exhaust cam actuator B for cylinder 1, Exhaust cam actuator A for cylinder 2, Exhaust cam actuator B for cylinder 2, Exhaust cam actuator A for cylinder 3, Exhaust cam actuator B for cylinder 3, Exhaust cam actuator A for cylinder 4

- J623 Engine/motor control unit
- N580 Exhaust cam actuator A for cylinder 1
- N581 Exhaust cam actuator B for cylinder 1
- N588 Exhaust cam actuator A for cylinder 2
- N589 Exhaust cam actuator B for cylinder 2
- N596 Exhaust cam actuator A for cylinder 3
- N597 Exhaust cam actuator B for cylinder 3
- N604 Exhaust cam actuator A for cylinder 4
- T2ic 2-pin connector, black
- T2if 2-pin connector, black
- T2ig 2-pin connector, black
- T2ih 2-pin connector, black
- T2ij 2-pin connector, black
- T2ik 2-pin connector, black
- T2il 2-pin connector, black
- T105a 105-pin connector, black
- D196 Connection 2 (87a) in engine prewiring harness



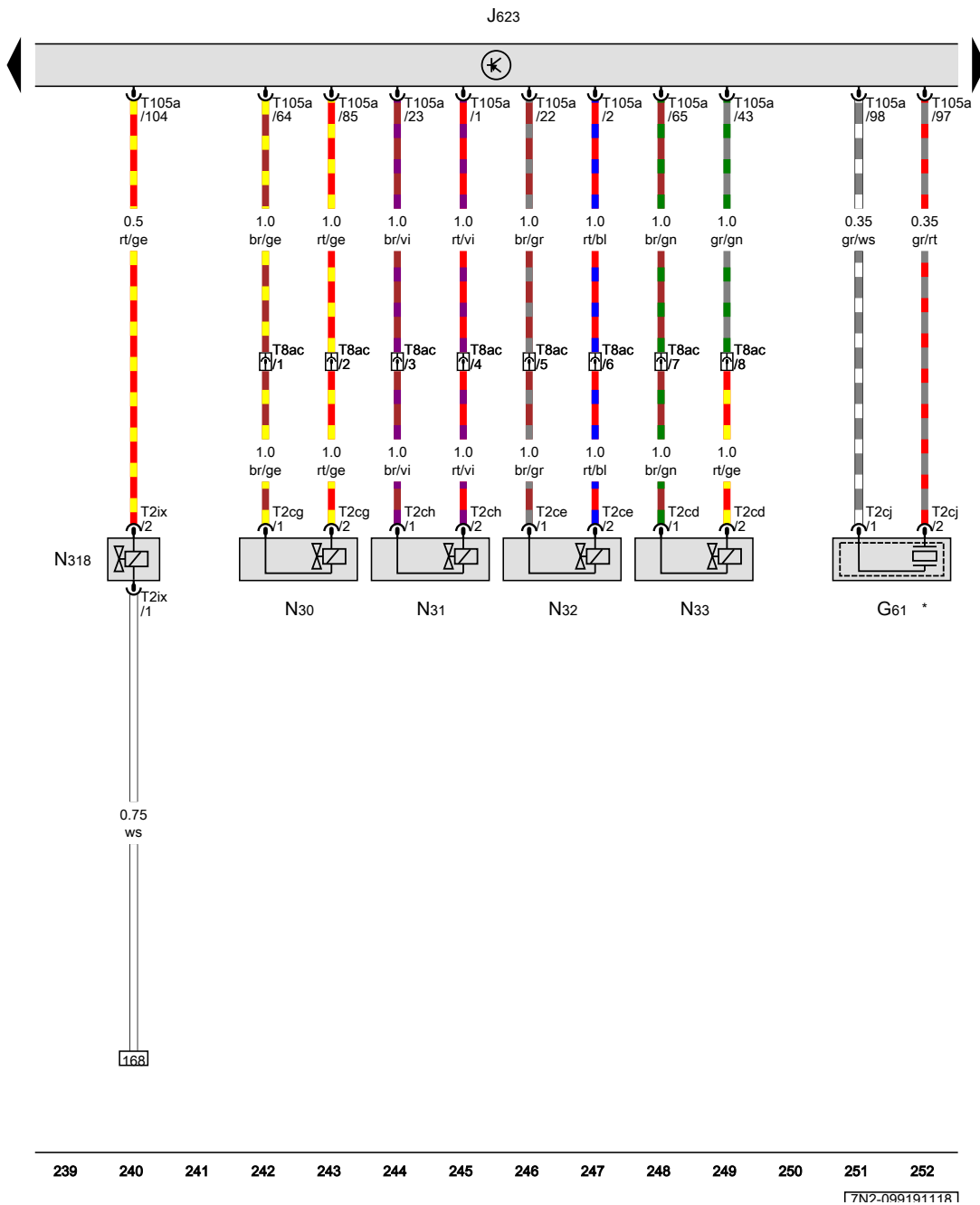
Engine/motor control unit, Camshaft control valve 1, Injector 2, cylinder 1, Injector 2, cylinder 2, Injector 2, cylinder 3, Injector 2, cylinder 4, Exhaust cam actuator B for cylinder 4

- J623 Engine/motor control unit
- N205 Camshaft control valve 1
- N532 Injector 2, cylinder 1
- N533 Injector 2, cylinder 2
- N534 Injector 2, cylinder 3
- N535 Injector 2, cylinder 4
- N605 Exhaust cam actuator B for cylinder 4
- T2ck 2-pin connector, black
- T2im 2-pin connector, black
- T2it 2-pin connector, black
- T2iu 2-pin connector, black
- T2iv 2-pin connector, black
- T2iw 2-pin connector, black
- T8ak 8-pin connector, on engine, black
- T105a 105-pin connector, black

D196 Connection 2 (87a) in engine prewiring harness

D206 Connection 4 (87a) in engine prewiring harness

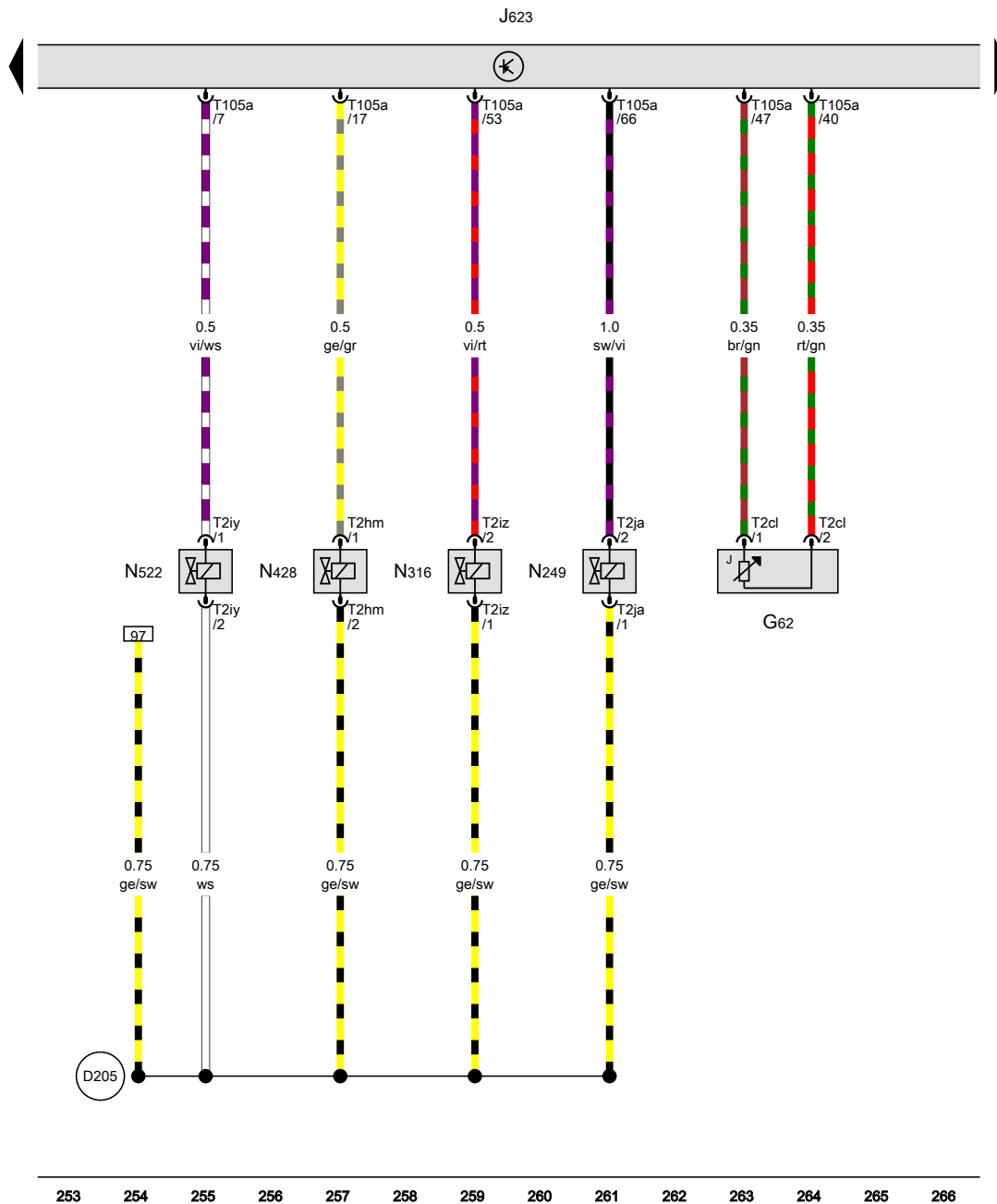
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink



Knock sensor 1, Engine/motor control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4, Exhaust camshaft control valve 1

- G61 Knock sensor 1
- J623 Engine/motor control unit
- N30 Injector, cylinder 1
- N31 Injector, cylinder 2
- N32 Injector, cylinder 3
- N33 Injector, cylinder 4
- N318 Exhaust camshaft control valve 1
- T2cd 2-pin connector, black
- T2ce 2-pin connector, black
- T2cg 2-pin connector, black
- T2ch 2-pin connector, black
- T2cj 2-pin connector, black
- T2ix 2-pin connector, black
- T8ac 8-pin connector, on engine, black
- T105a 105-pin connector, black
- * Pre-wired component

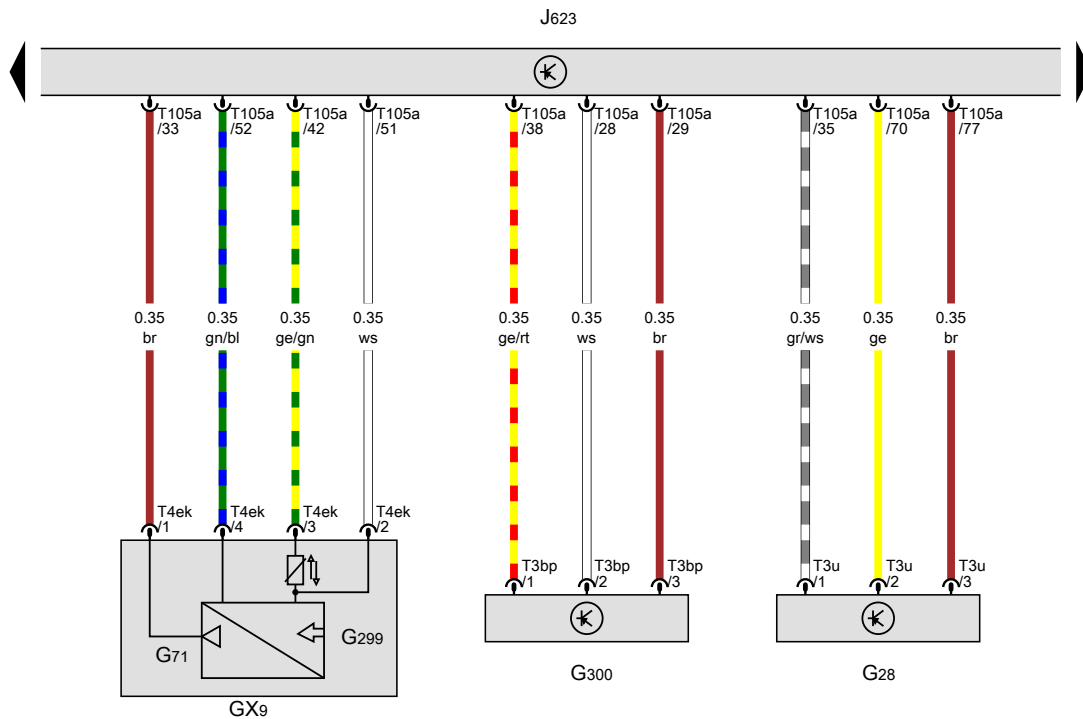
ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



Coolant temperature sender, Engine/motor control unit, Turbocharger air recirculation valve, Intake manifold flap valve, Valve for oil pressure control, Piston cooling jet control valve

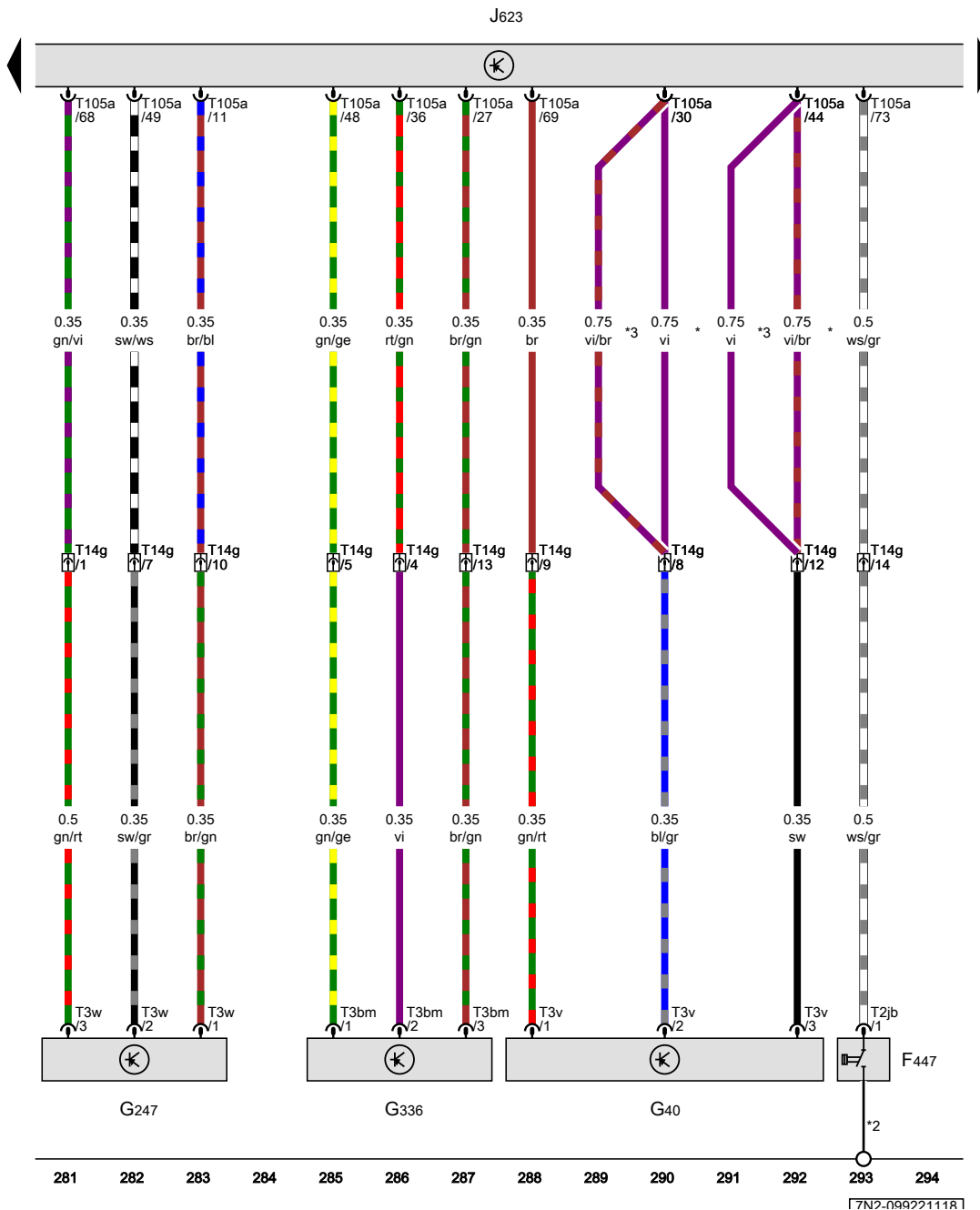
- G62 Coolant temperature sender
- J623 Engine/motor control unit
- N249 Turbocharger air recirculation valve
- N316 Intake manifold flap valve
- N428 Valve for oil pressure control
- N522 Piston cooling jet control valve
- T2cl 2-pin connector, black
- T2hm 2-pin connector, brown
- T2iy 2-pin connector, black
- T2iz 2-pin connector, black
- T2ja 2-pin connector, black
- T105a 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



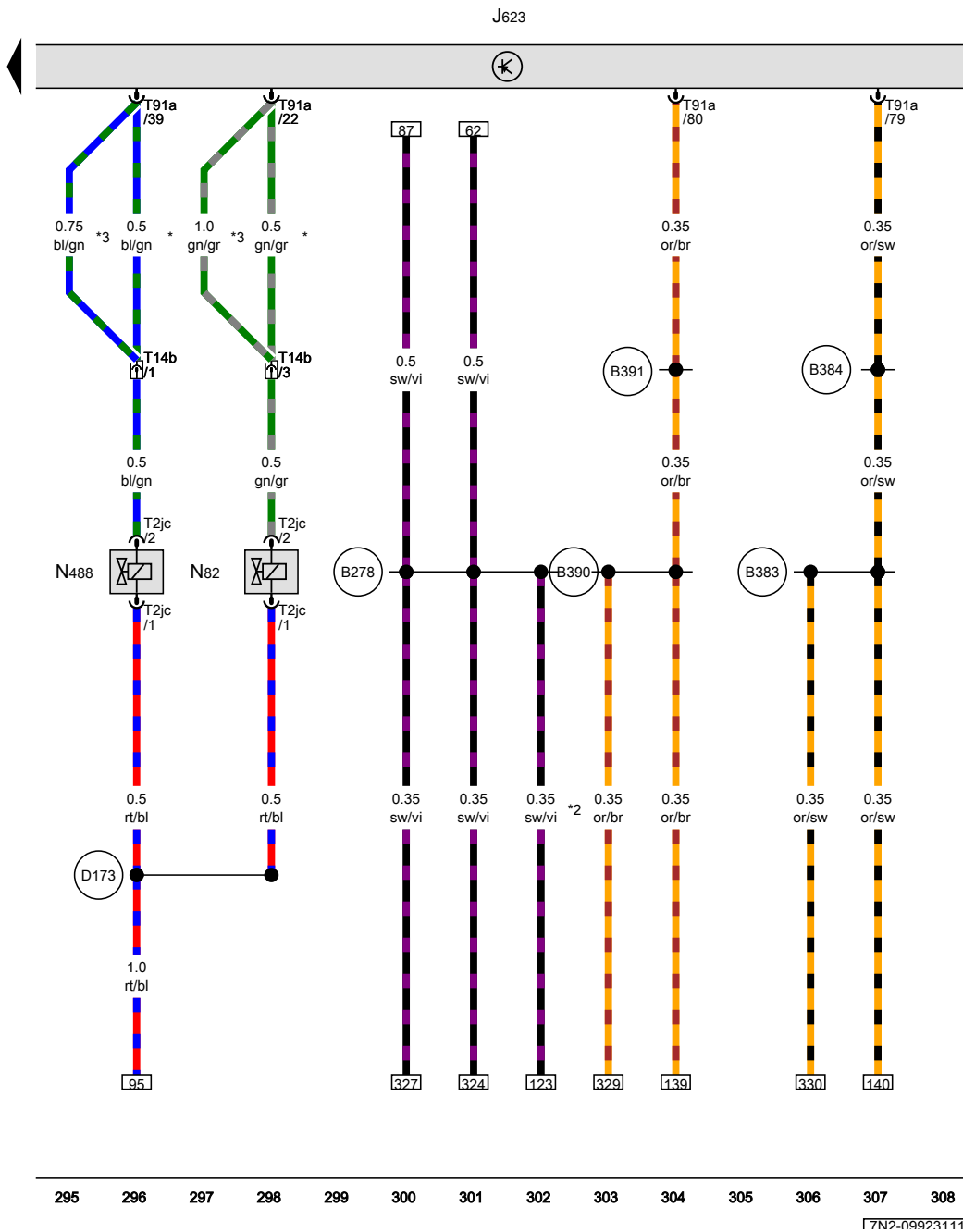
Intake manifold sender, Engine speed sender, Hall sender 3, Engine/motor control unit

- GX9 Intake manifold sender
- G28 Engine speed sender
- G71 Intake manifold pressure sender
- G299 Intake air temperature sender 2
- G300 Hall sender 3
- J623 Engine/motor control unit
- T3bp 3-pin connector, black
- T3u 3-pin connector, black
- T4ek 4-pin connector, black
- T105a 105-pin connector, black



Stage 3 oil pressure switch, Hall sender, Fuel pressure sender, Intake manifold flap potentiometer, Engine/motor control unit

- F447 Stage 3 oil pressure switch
- G40 Hall sender
- G247 Fuel pressure sender
- G336 Intake manifold flap potentiometer
- J623 Engine/motor control unit
- T2jb 2-pin connector, black
- T3bm 3-pin connector, black
- T3v 3-pin connector, black
- T3w 3-pin connector, black
- T14g 14-pin connector, black
- T105a 105-pin connector, black
- * Up to November 2016
- *2 Earth supply via housing
- *3 From November 2016



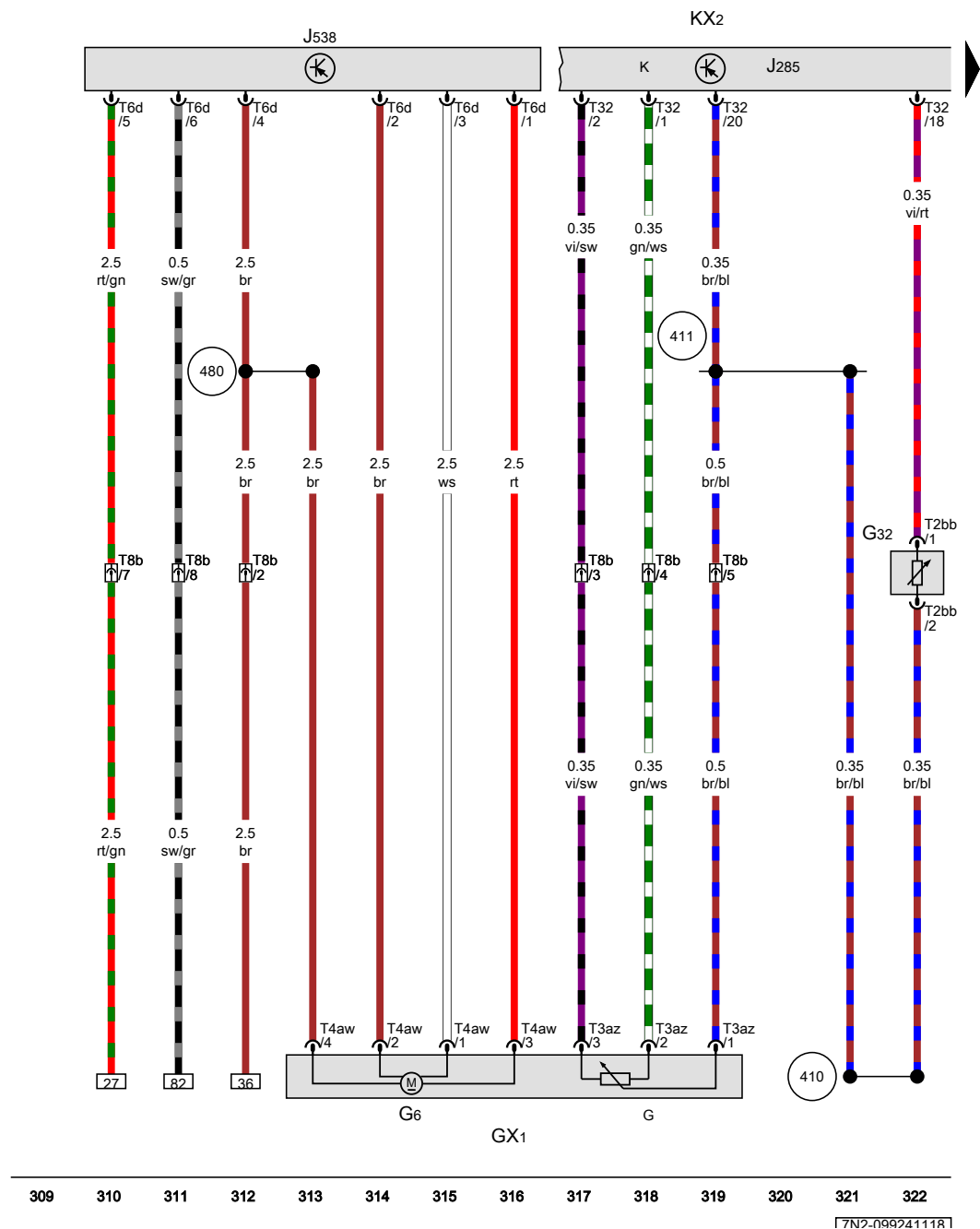
Engine/motor control unit, Coolant shut-off valve, Coolant valve for gearbox

J623 Engine/motor control unit
 N82 Coolant shut-off valve
 N488 Coolant valve for gearbox
 T2jc 2-pin connector, black
 T14b 14-pin connector, black
 T91a 91-pin connector, black

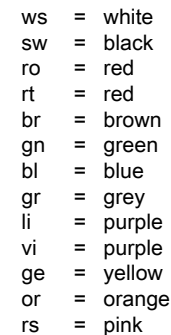
- B278 Positive connection 2 (15a) in main wiring harness
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B384 Connection 2 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- B391 Connection 2 (powertrain CAN bus, low), in main wiring harness
- D173 Connection (87), in engine prewiring harness

* Up to July 2018
 *2 From November 2016
 *3 From July 2018

Fuel delivery unit, Coolant shortage indicator sender, Control unit in dash panel insert, Fuel pump control unit



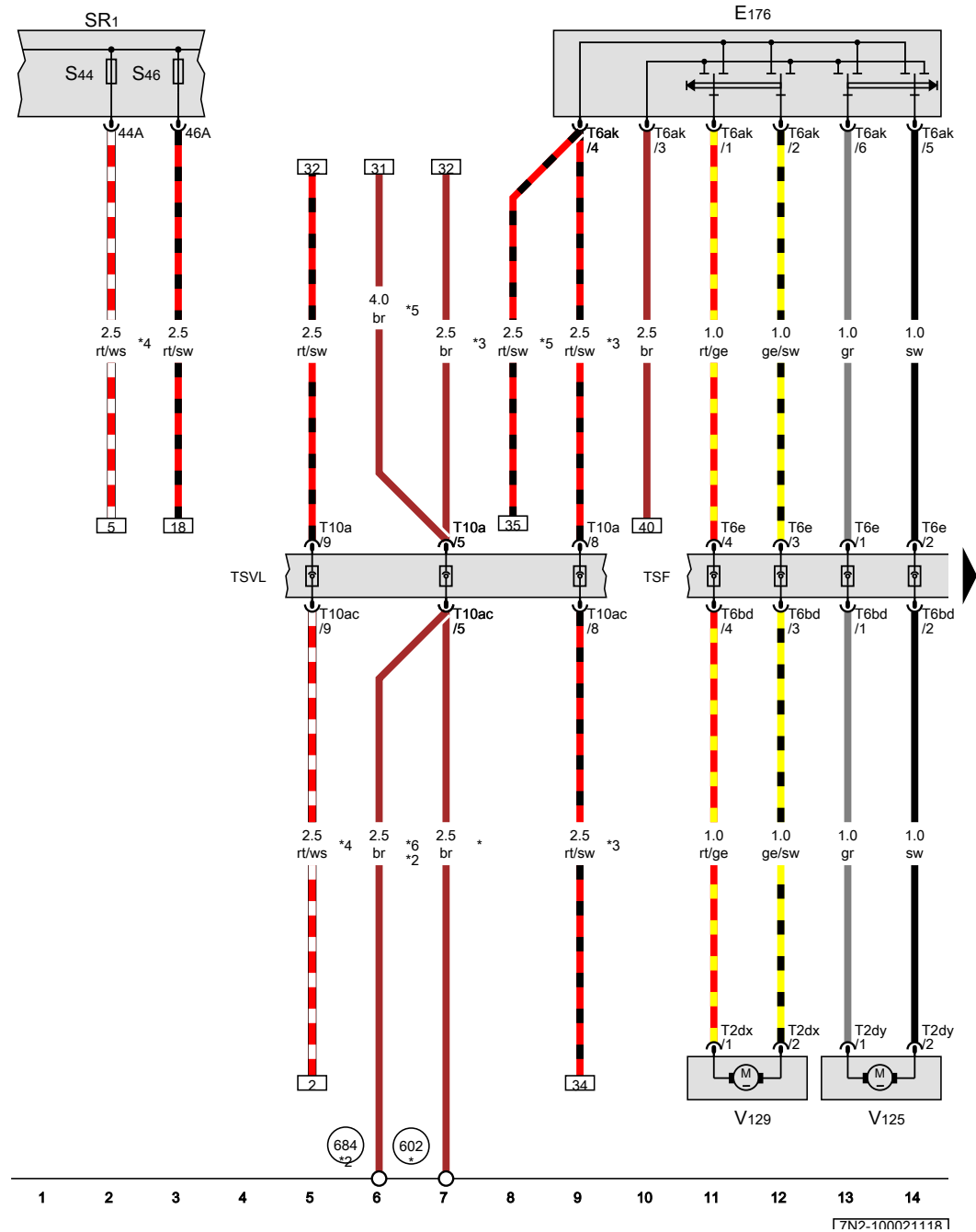
- G Fuel gauge sender
- GX1 Fuel delivery unit
- G6 Fuel system pressurisation pump
- G32 Coolant shortage indicator sender
- J285 Control unit in dash panel insert
- J538 Fuel pump control unit
- K Dash panel insert
- KX2 Dash panel insert
- T2bb 2-pin connector, black
- T3az 3-pin connector, black
- T4aw 4-pin connector, black
- T6d 6-pin connector, black
- T8b 8-pin connector, black
- T32 32-pin connector, blue
- 410 Earth connection 1 (sender earth) in main wiring harness
- 411 Earth connection 2 (sender earth) in main wiring harness
- 480 Earth connection, in fuel tank wiring harness



G266	Oil level and oil temperature sender
J285	Control unit in dash panel insert
J520	Onboard supply control unit 2
J533	Data bus diagnostic interface
K	Dash panel insert
KX2	Dash panel insert
T3ay	3-pin connector, black
T6g	6-pin connector, black
T20	20-pin connector, red
T32	32-pin connector, blue
*	Up to November 2018
*2	From November 2018

Electric seat adjustment with no memory function , (3L5)

From May 2017



Driver seat lumbar support adjustment switch, Driver seat adjustment thermal fuse 1, Front passenger seat adjustment thermal fuse 1, Driver seat lumbar support longitudinal adjustment motor, Driver seat lumbar support height adjustment motor

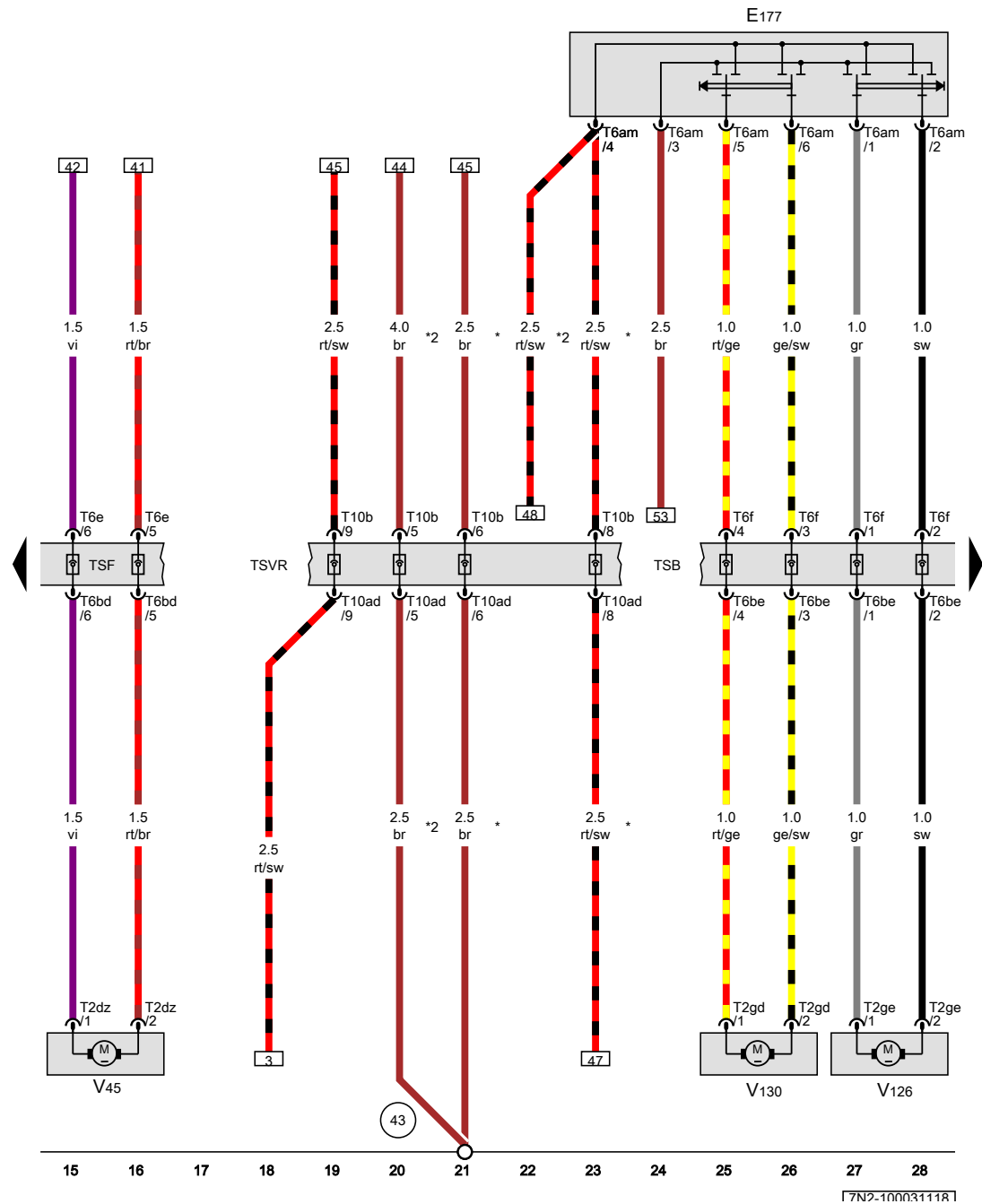
- E176 Driver seat lumbar support adjustment switch
- SR1 Relay and fuse carrier 1, near fuse holder
- S44 Driver seat adjustment thermal fuse 1
- S46 Front passenger seat adjustment thermal fuse 1
- T2dx 2-pin connector, black
- T2dy 2-pin connector, black
- T6ak 6-pin connector, blue
- T6bd 6-pin connector, black
- T6e 6-pin connector, black
- T10a 10-pin connector, black
- T10ac 10-pin connector, black
- TSF Coupling point for driver seat backrest, in driver seat
- TSVL Coupling point for front left seat, on driver seat
- V125 Driver seat lumbar support longitudinal adjustment motor
- V129 Driver seat lumbar support height adjustment motor

602 Earth point, in front left footwell

684 Earth point on front of left side member

- * Up to November 2018
- *2 From November 2018
- *3 Up to July 2018
- *4 Different wire colour possible
- *5 From July 2018
- *6 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



Front passenger seat lumbar support adjustment switch, Driver seat backrest adjustment motor, Front passenger seat lumbar support longitudinal adjustment motor, Front passenger seat lumbar support height adjustment motor

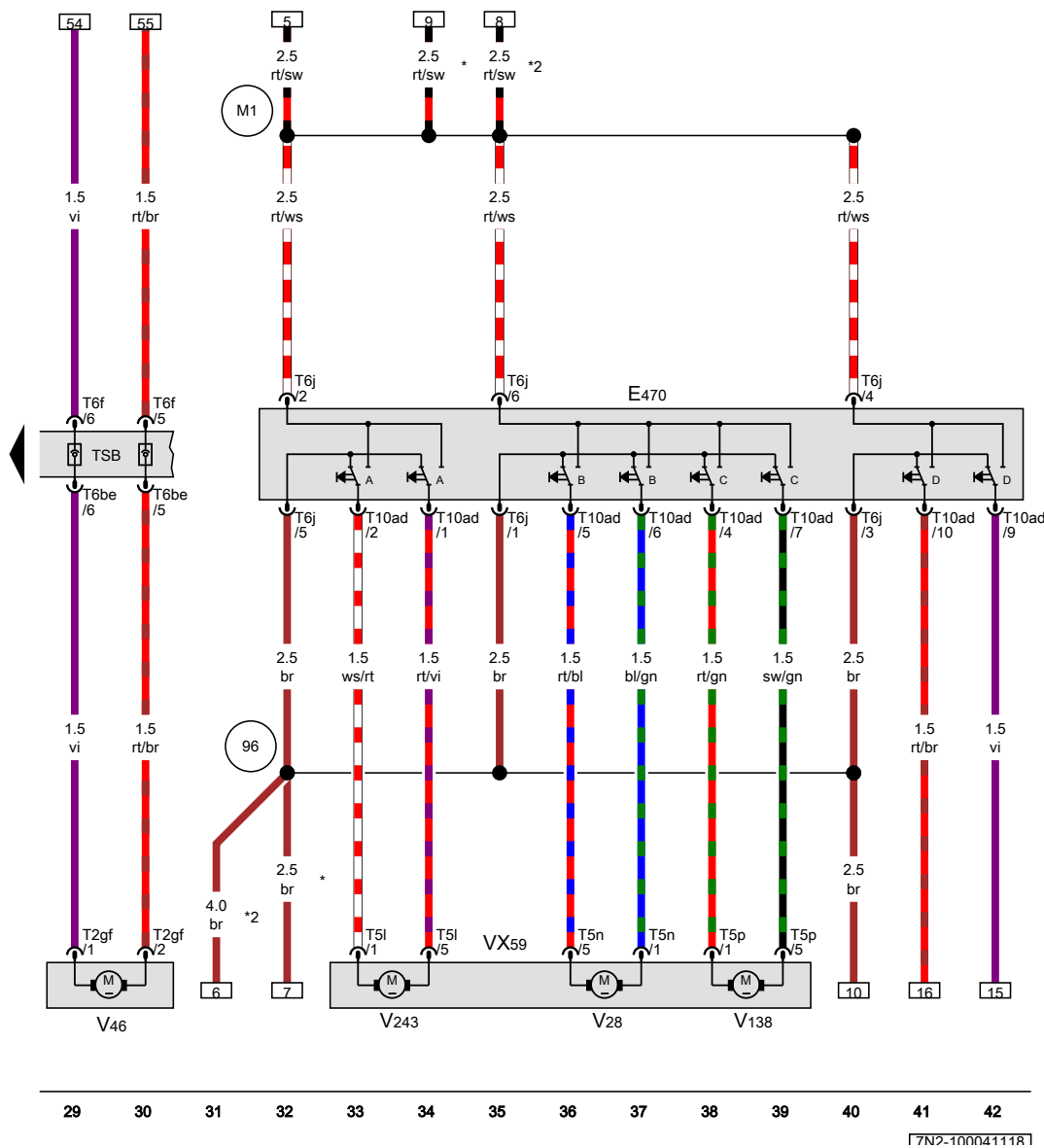
- E177 Front passenger seat lumbar support adjustment switch
- T2dz 2-pin connector, black
- T2gd 2-pin connector, black
- T2ge 2-pin connector, black
- T6am 6-pin connector, blue
- T6bd 6-pin connector, black
- T6be 6-pin connector, black
- T6e 6-pin connector, black
- T6f 6-pin connector, black
- T10ad 10-pin connector, black
- T10b 10-pin connector, black
- TSB Coupling point for front passenger seat backrest, in front passenger seat
- TSF Coupling point for driver seat backrest, in driver seat
- TSVR Coupling point for front right seat, on front passenger seat
- V45 Driver seat backrest adjustment motor
- V126 Front passenger seat lumbar support longitudinal adjustment motor
- V130 Front passenger seat lumbar support height adjustment motor

43 Earth point, lower part of right A-pillar

- * Up to July 2018
- *2 From July 2018

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Driver seat adjustment operating unit, Front passenger seat backrest adjustment motor, Driver seat pan



17N2-100041118

Front passenger seat adjustment operating unit, Front passenger seat pan

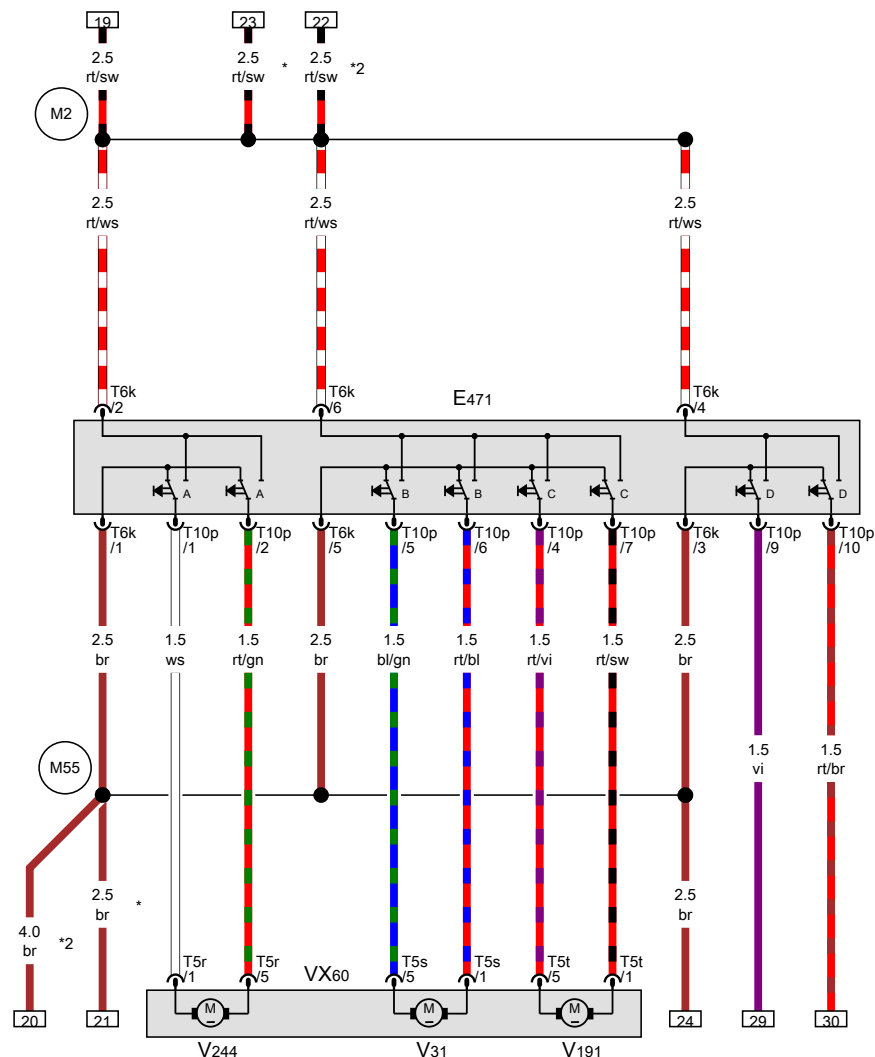
- E471 Front passenger seat adjustment operating unit
- T5r 5-pin connector, black
- T5s 5-pin connector, black
- T5t 5-pin connector, black
- T6k 6-pin connector, black
- T10p 10-pin connector, black
- V31 Front passenger seat longitudinal adjustment motor
- VX60 Front passenger seat pan
- V191 Front passenger seat height adjustment motor
- V244 Front passenger seat rake adjustment motor

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

M55 Connection 5, in front passenger seat wiring harness

* Up to July 2018

*2 From July 2018



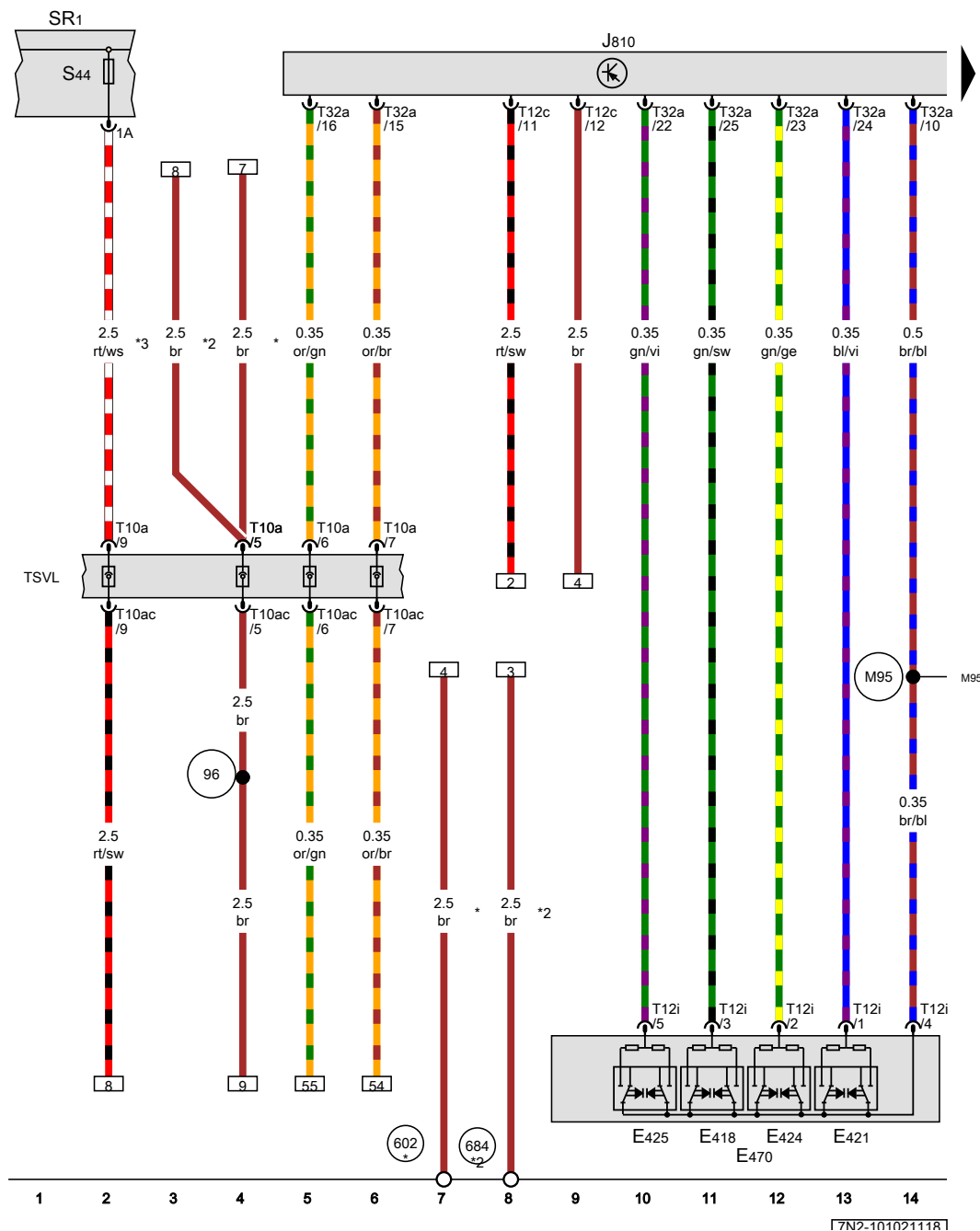
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = violet
- ge = yellow
- or = orange
- rs = pink

7N2-100051118

Electric seat adjustment with memory function , (3L4)

From May 2017

Driver seat adjustment operating unit, Driver seat adjustment control unit, Driver seat adjustment thermal fuse 1

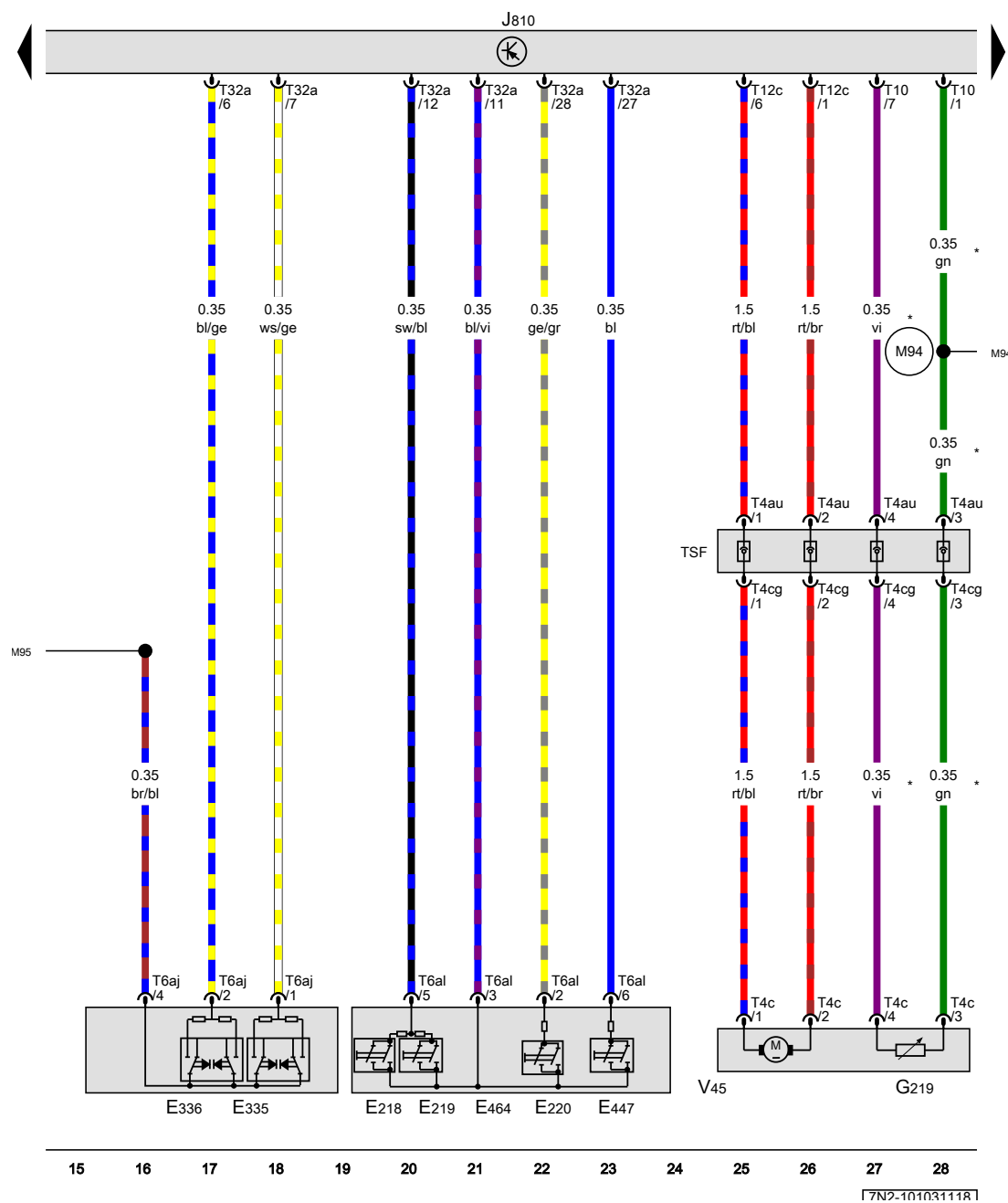


- E418 Seat longitudinal adjustment button
- E421 Rake adjustment button
- E424 Seat height adjustment button
- E425 Backrest adjustment button
- E470 Driver seat adjustment operating unit
- J810 Driver seat adjustment control unit
- SR1 Relay and fuse carrier 1, on fuse holder
- S44 Driver seat adjustment thermal fuse 1
- T10a 10-pin connector, black
- T10ac 10-pin connector, black
- T12c 12-pin connector, black
- T12i 12-pin connector, black
- T32a 32-pin connector, grey
- TSVL Coupling point for front left seat, on driver seat

- 96 Earth connection 1, in seat heating wiring harness
- 602 Earth point, in front left footwell
- 684 Earth point on front of left side member
- M95 Connection 3, seat adjustment wiring harness

- * Up to November 2018
- *2 From November 2018
- *3 Different wire colour possible

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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



Lumbar support height adjustment button, Lumbar support longitudinal adjustment button, Driver operating unit for memory settings, Backrest adjustment sender for driver seat, Driver seat adjustment control unit, Driver seat backrest adjustment motor

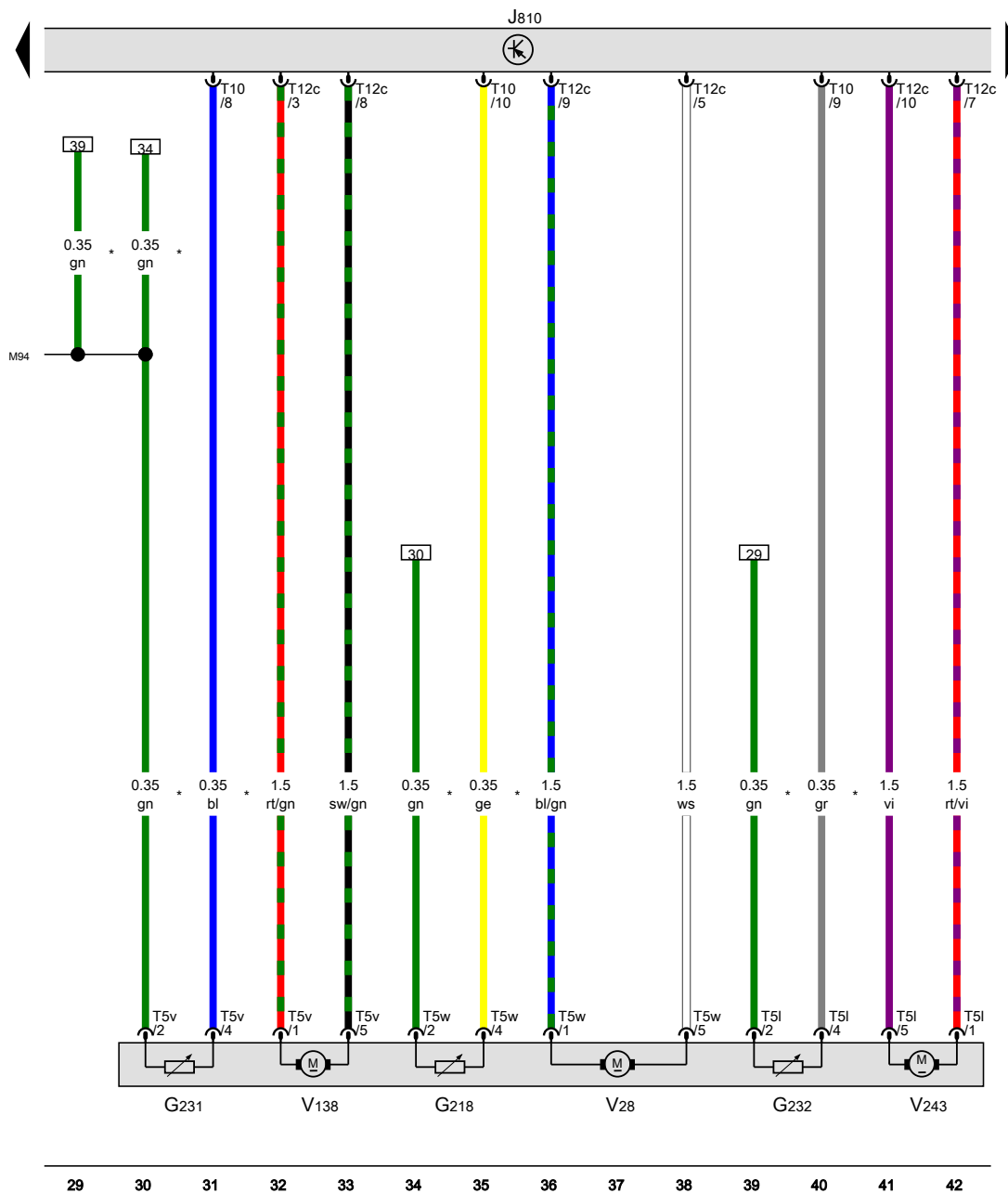
- E218 Seat memory position button 1
- E219 Seat memory position button 2
- E220 Seat memory position button 3
- E335 Lumbar support height adjustment button
- E336 Lumbar support longitudinal adjustment button
- E447 Seat position memory button
- E464 Driver operating unit for memory settings
- G219 Backrest adjustment sender for driver seat
- J810 Driver seat adjustment control unit
- T4au 4-pin connector, black
- T4c 4-pin connector, black
- T4cg 4-pin connector, black
- T6aj 6-pin connector, black
- T6al 6-pin connector, brown
- T10 10-pin connector, black
- T12c 12-pin connector, black
- T32a 32-pin connector, grey
- TSF Coupling point for driver seat backrest, in driver seat
- V45 Driver seat backrest adjustment motor

M94 Connection 2, seat adjustment wiring harness

M95 Connection 3, seat adjustment wiring harness

* Up to July 2018

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 gn = green
 bl = blue
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 vi = purple
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Longitudinal adjustment sender for driver seat, Height adjustment sender for driver seat, Rake adjustment sender for driver seat, Driver seat adjustment control unit, Driver seat longitudinal adjustment motor, Driver seat height adjustment motor, Driver seat rake adjustment motor

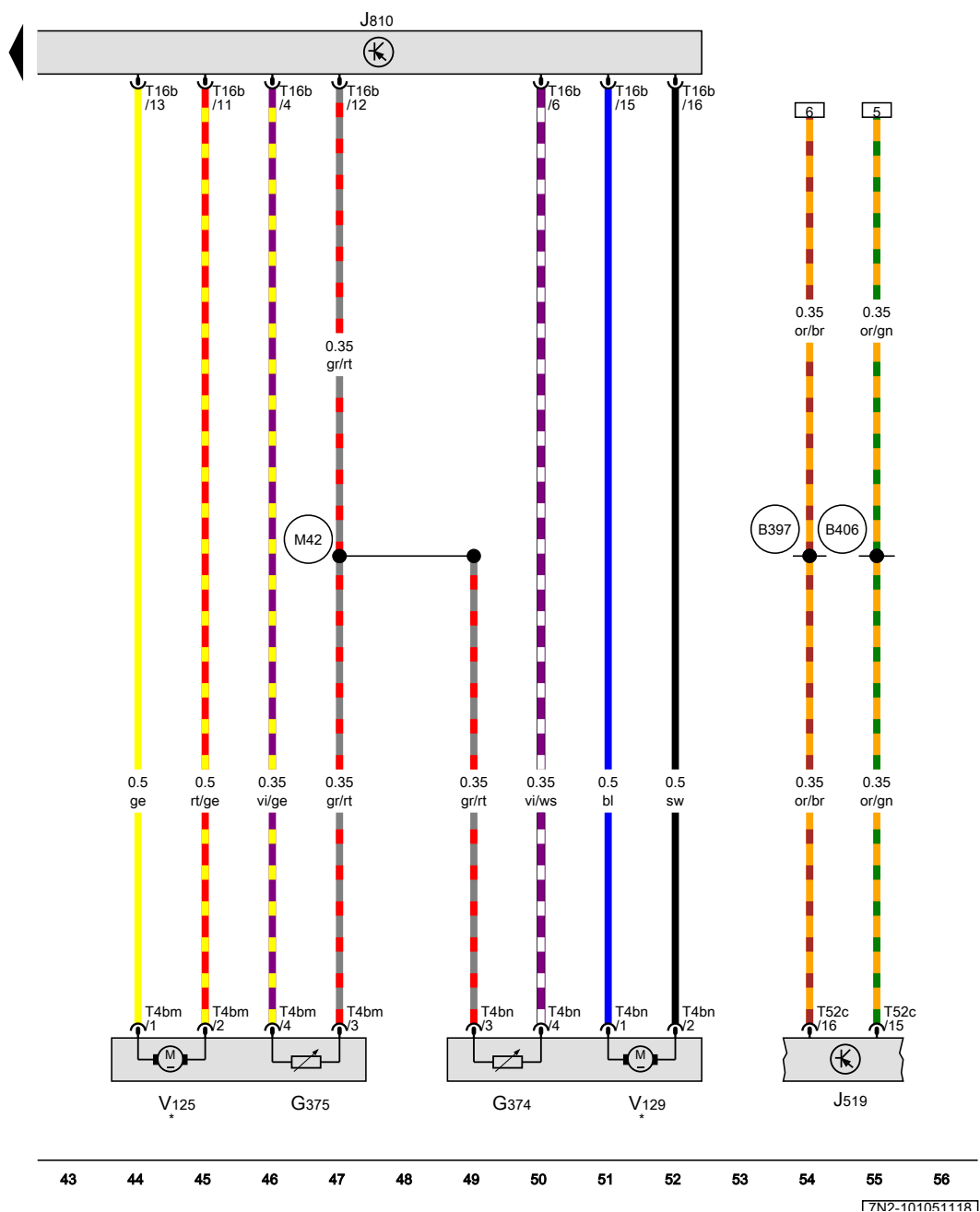
- G218 Longitudinal adjustment sender for driver seat
- G231 Height adjustment sender for driver seat
- G232 Rake adjustment sender for driver seat
- J810 Driver seat adjustment control unit
- T5l 5-pin connector, black
- T5v 5-pin connector, black
- T5w 5-pin connector, black
- T10 10-pin connector, black
- T12c 12-pin connector, black
- V28 Driver seat longitudinal adjustment motor
- V138 Driver seat height adjustment motor
- V243 Driver seat rake adjustment motor

M94 Connection 2, seat adjustment wiring harness

* Up to July 2018

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 bl = blue
 gr = grey
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 ge = yellow
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17N2-101041118



Lumbar support height adjustment sender, Lumbar support longitudinal adjustment sender, Onboard supply control unit, Driver seat adjustment control unit, Driver seat lumbar support longitudinal adjustment motor, Driver seat lumbar support height adjustment motor

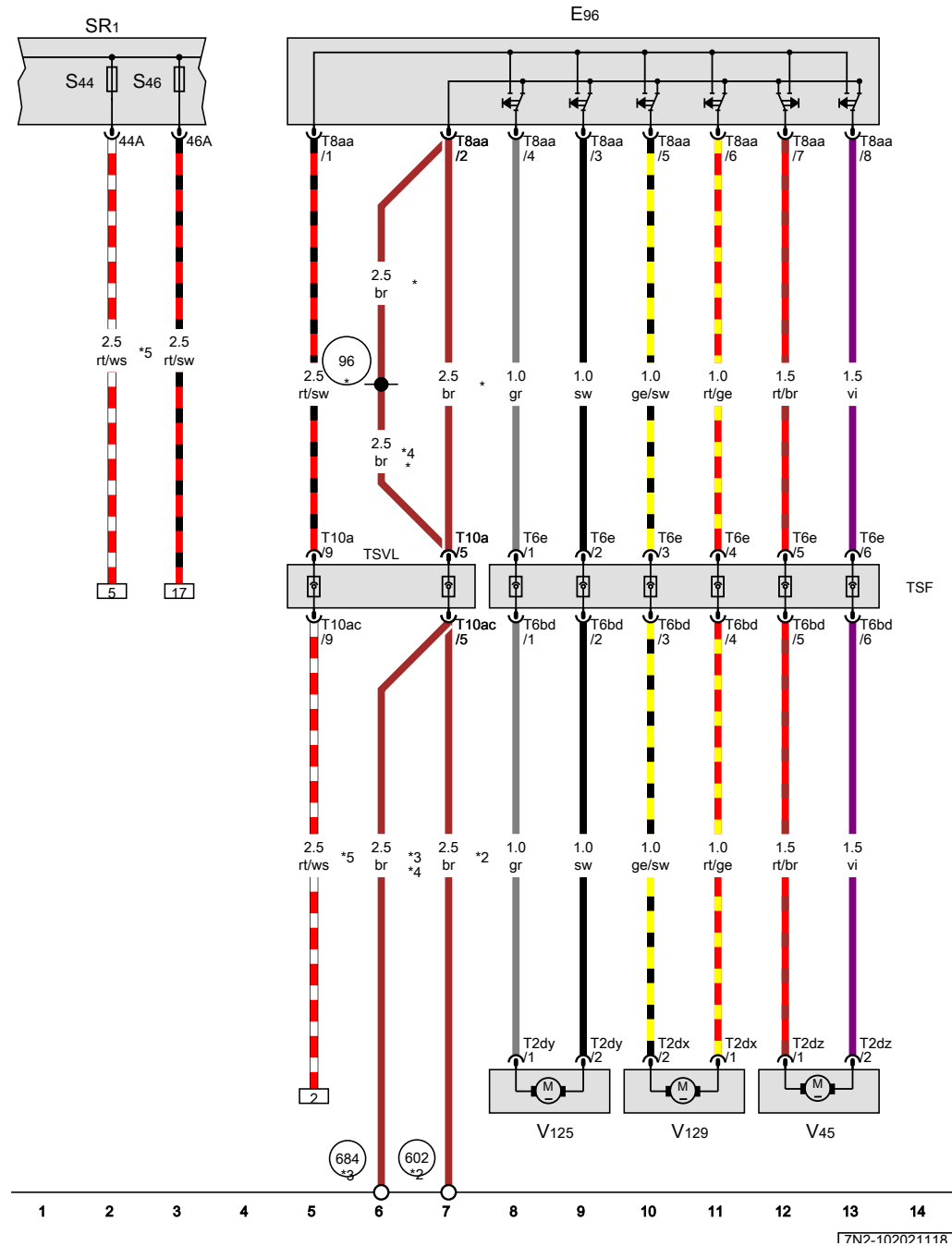
- G374 Lumbar support height adjustment sender
- G375 Lumbar support longitudinal adjustment sender
- J519 Onboard supply control unit
- J810 Driver seat adjustment control unit
- T4bm 4-pin connector, black
- T4bn 4-pin connector, black
- T16b 16-pin connector, black
- T52c 52-pin connector, brown
- V125 Driver seat lumbar support longitudinal adjustment motor
- V129 Driver seat lumbar support height adjustment motor

- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- M42 Connection 2, in driver seat wiring harness

* Pre-wired component

Electrically adjustable lumbar support , (7P1),(7P7),(7P8)

From May 2017



Driver seat backrest adjustment switch, Driver seat adjustment thermal fuse 1, Front passenger seat adjustment thermal fuse 1, Driver seat backrest adjustment motor, Driver seat lumbar support longitudinal adjustment motor, Driver seat lumbar support height adjustment motor

- E96 Driver seat backrest adjustment switch
- SR1 Relay and fuse carrier 1, on fuse holder
- S44 Driver seat adjustment thermal fuse 1
- S46 Front passenger seat adjustment thermal fuse 1
- T2dx 2-pin connector, black
- T2dy 2-pin connector, black
- T2dz 2-pin connector, black
- T6bd 6-pin connector, black
- T6e 6-pin connector, black
- T8aa 8-pin connector, black
- T10a 10-pin connector, black
- T10ac 10-pin connector, black
- TSF Coupling point for driver seat backrest, in driver seat
- TSVL Coupling point for front left seat, on driver seat
- V45 Driver seat backrest adjustment motor
- V125 Driver seat lumbar support longitudinal adjustment motor
- V129 Driver seat lumbar support height adjustment motor

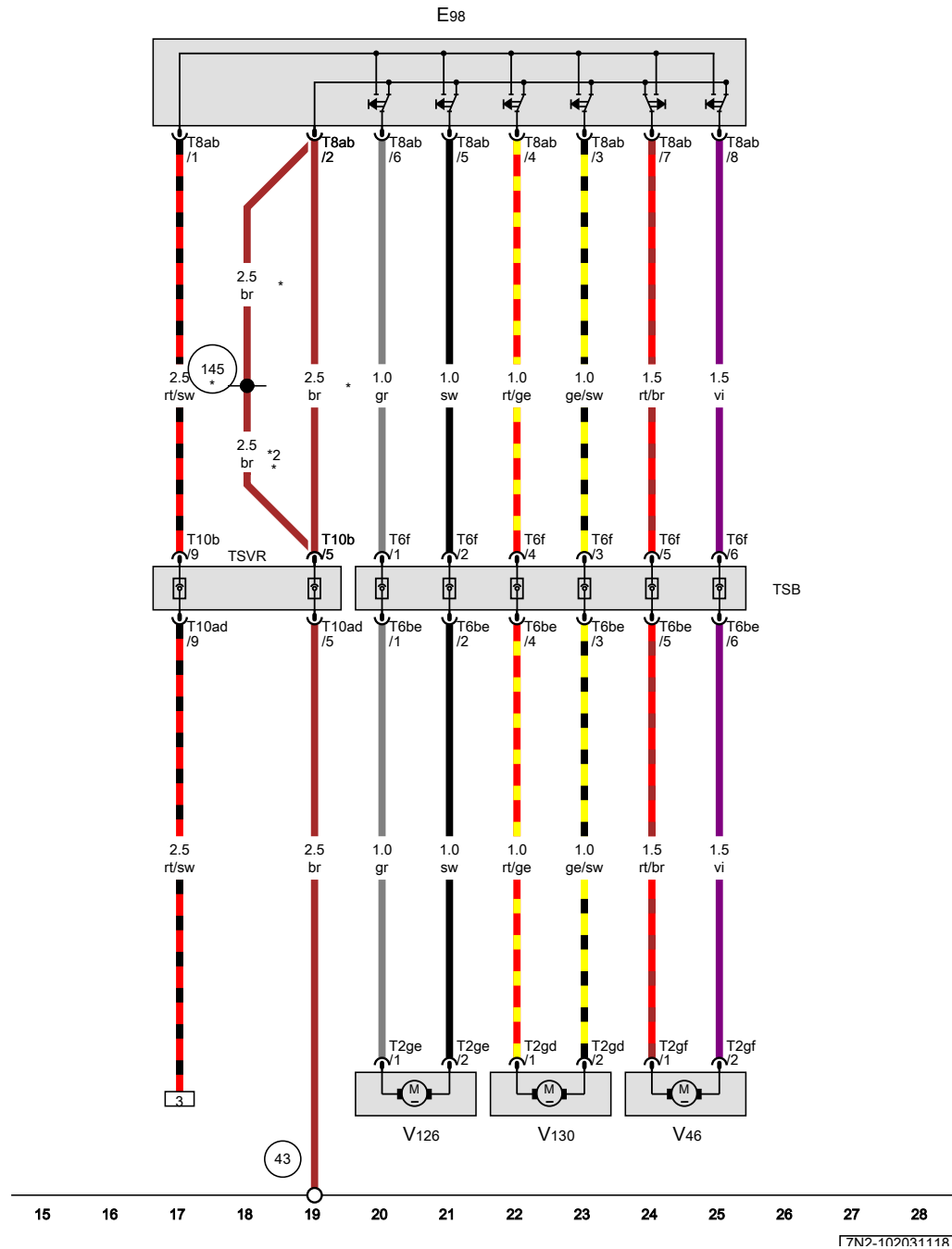
96 Earth connection 1, in seat heating wiring harness

602 Earth point, in front left footwell

684 Earth point on front of left side member

- * According to equipment
- *2 Up to November 2018
- *3 From November 2018
- *4 Cross section depends on equipment
- *5 Different wire colour possible

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Front passenger seat backrest adjustment switch, Front passenger seat backrest adjustment motor, Front passenger seat lumbar support longitudinal adjustment motor, Front passenger seat lumbar support height adjustment motor

- E98 Front passenger seat backrest adjustment switch
- T2gd 2-pin connector, black
- T2ge 2-pin connector, black
- T2gf 2-pin connector, black
- T6be 6-pin connector, black
- T6f 6-pin connector, black
- T8ab 8-pin connector, black
- T10ad 10-pin connector, black
- T10b 10-pin connector, black
- TSB Coupling point for front passenger seat backrest, in front passenger seat
- TSVR Coupling point for front right seat, on front passenger seat
- V46 Front passenger seat backrest adjustment motor
- V126 Front passenger seat lumbar support longitudinal adjustment motor
- V130 Front passenger seat lumbar support height adjustment motor

43 Earth point, lower part of right A-pillar

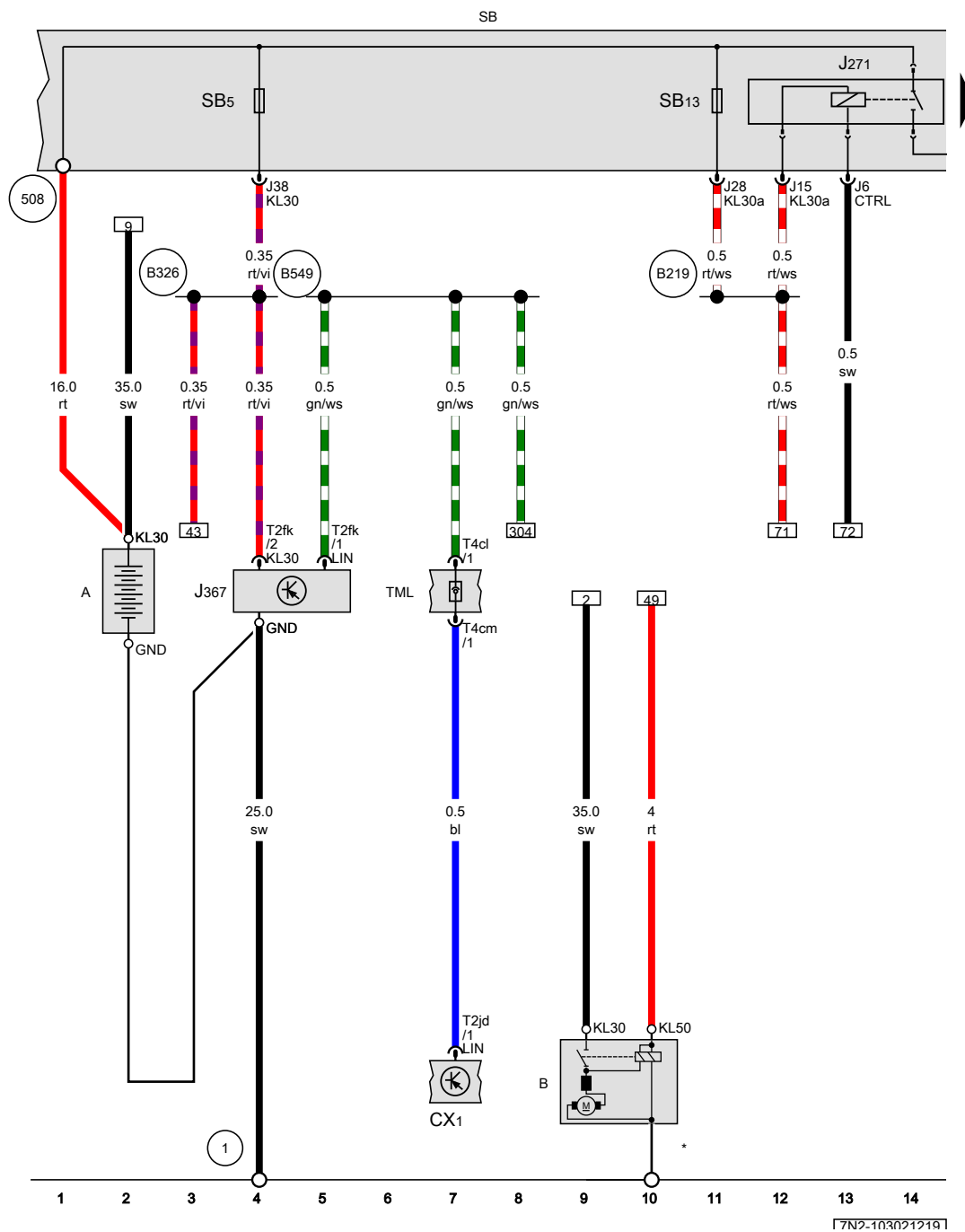
145 Earth connection 3, in seat heating wiring harness

* According to equipment

*2 Cross section depends on equipment

1.4l petrol engine , DJKA

From July 2018

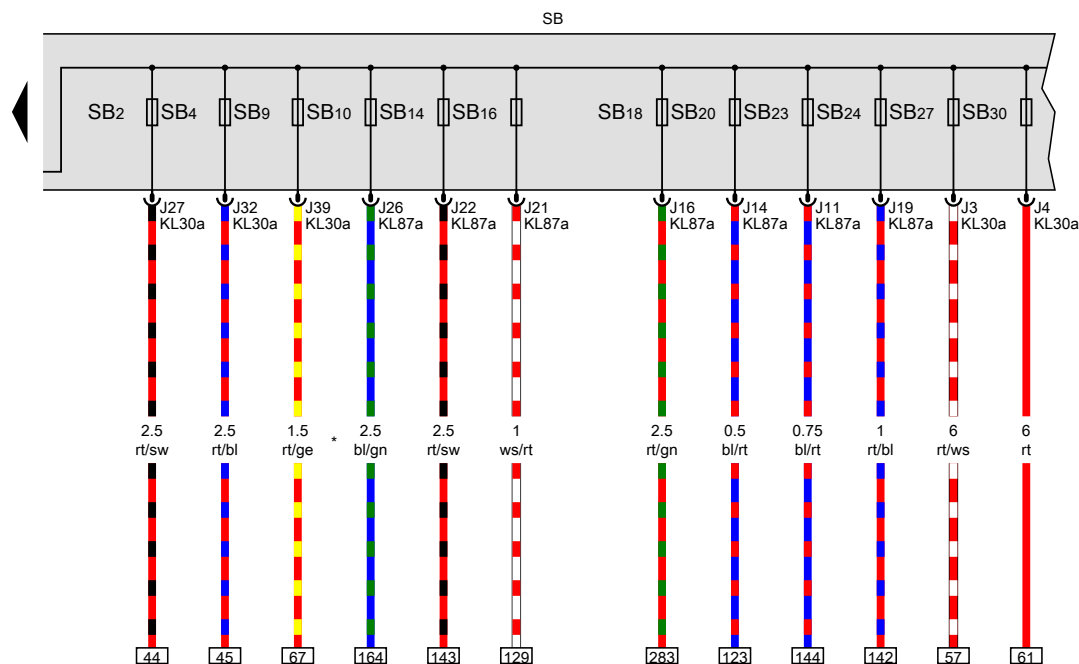


Battery, Starter, Alternator with voltage regulator, Battery monitor control unit, Fuse holder B

- A Battery
- B Starter
- CX1 Alternator with voltage regulator
- J271 Main relay
- J367 Battery monitor control unit
- SB Fuse holder B
- SB5 Fuse 5 on fuse holder B
- SB13 Fuse 13 on fuse holder B
- T2fk 2-pin connector, black
- T2jd 2-pin connector, black
- T4cl 4-pin connector, black
- T4cm 4-pin connector, black
- TML Coupling point in engine compartment, left

- 1 Earth strap, battery - body
- 508 Threaded connection (30) on E-box
- B219 Positive connection 4 (30a), in interior wiring harness
- B326 Positive connection 12 (30a) in main wiring harness
- B549 Connection 2 (LIN bus) in main wiring harness
- * Earth supply via housing

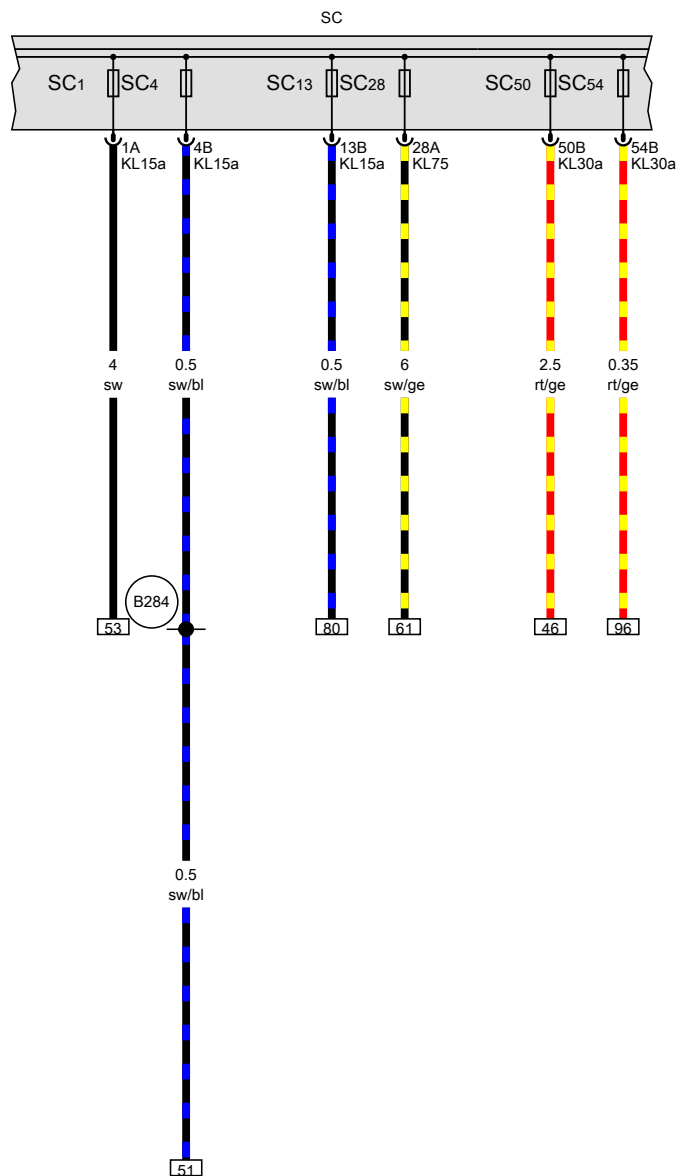
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Fuse holder B

SB	Fuse holder B
SB2	Fuse 2 on fuse holder B
SB4	Fuse 4 on fuse holder B
SB9	Fuse 9 on fuse holder B
SB10	Fuse 10 on fuse holder B
SB14	Fuse 14 on fuse holder B
SB16	Fuse 16 on fuse holder B
SB18	Fuse 18 on fuse holder B
SB20	Fuse 20 on fuse holder B
SB23	Fuse 23 on fuse holder B
SB24	Fuse 24 on fuse holder B
SB27	Fuse 27 on fuse holder B
SB30	Fuse 30 on fuse holder B
*	For emission standard Euro 6 AG/H/I

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 bl = blue
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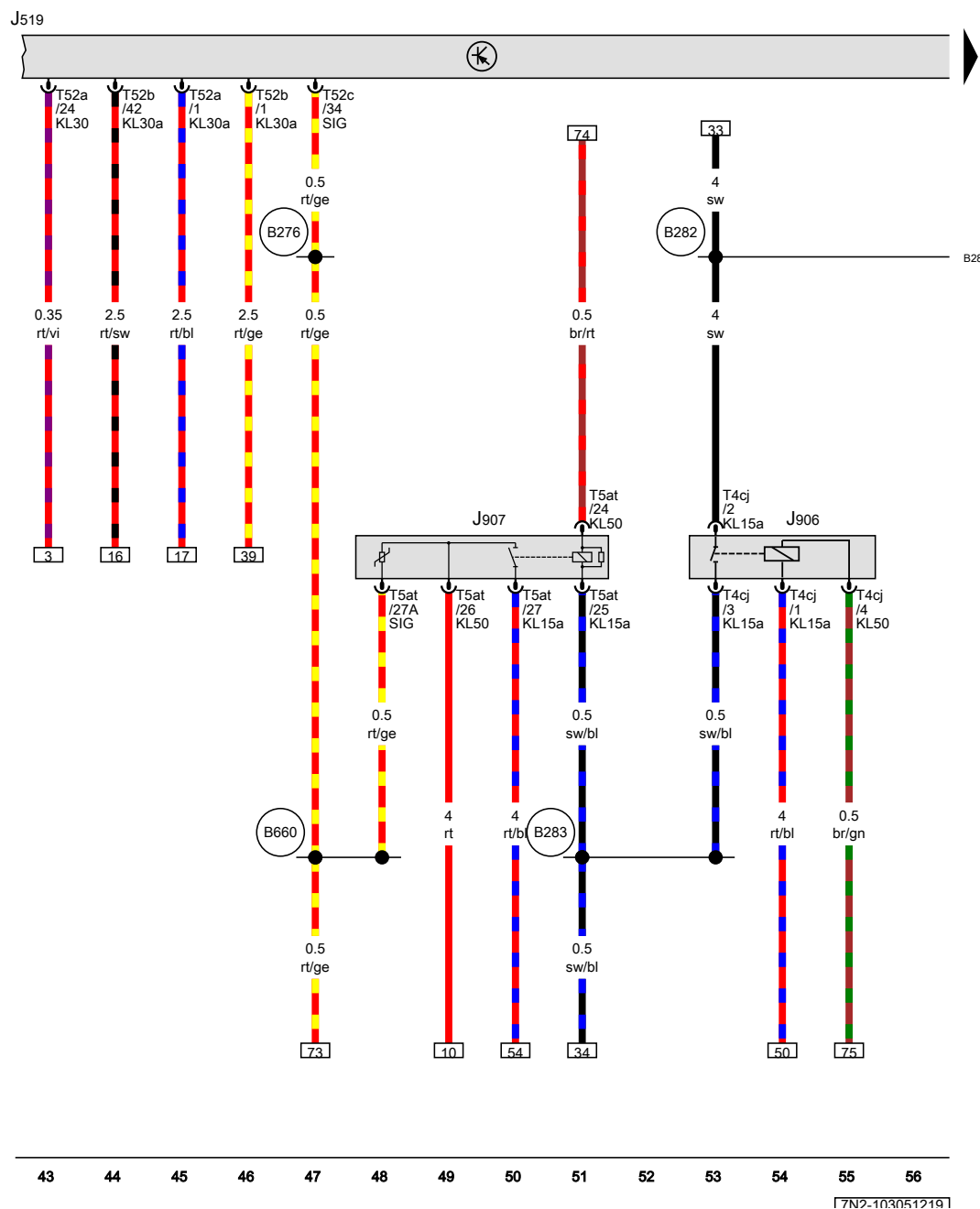


Fuse holder C

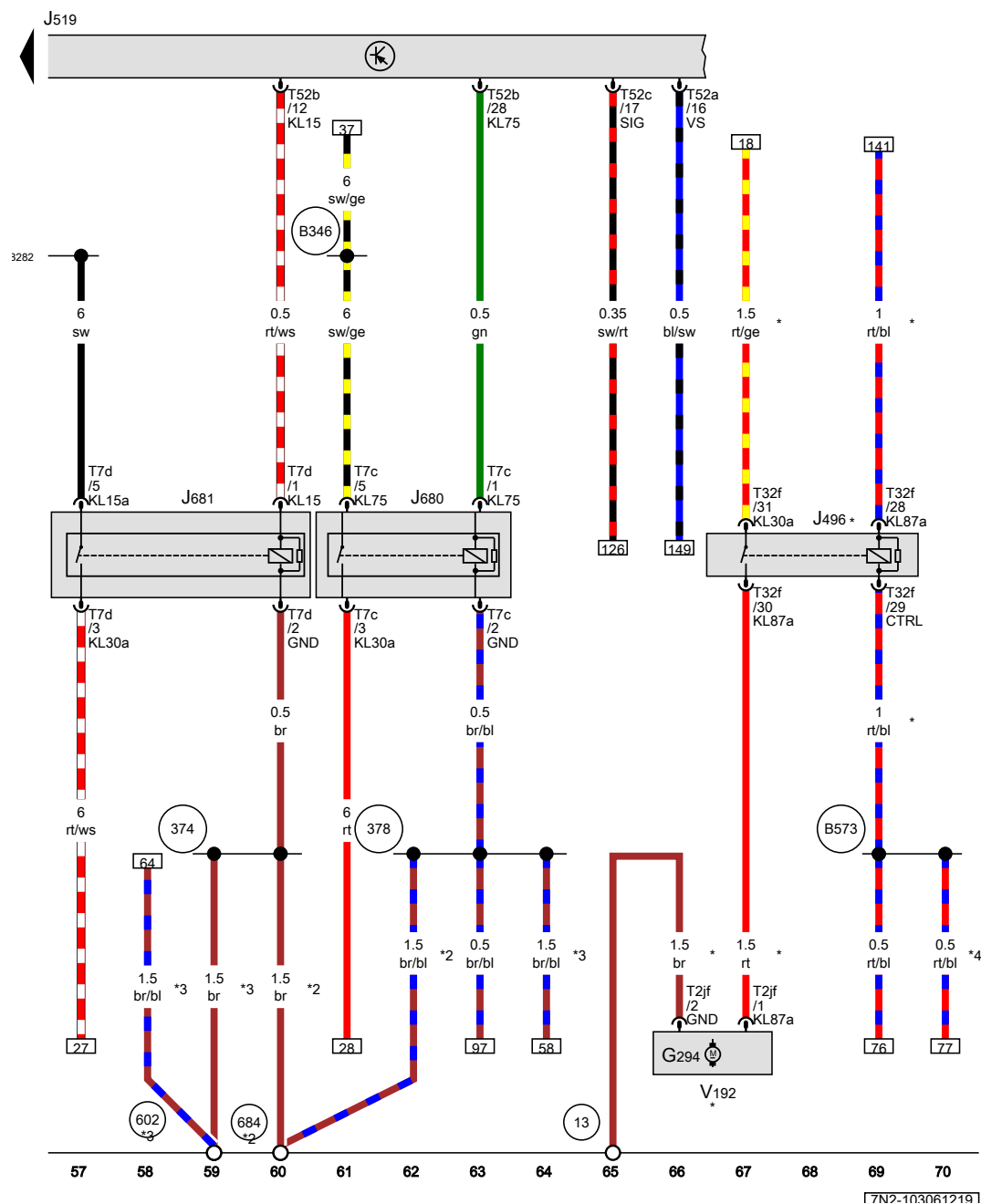
- SC Fuse holder C
- SC1 Fuse 1 on fuse holder C
- SC4 Fuse 4 on fuse holder C
- SC13 Fuse 13 on fuse holder C
- SC28 Fuse 28 on fuse holder C
- SC50 Fuse 50 on fuse holder C
- SC54 Fuse 54 on fuse holder C
- B284 Positive connection 8 (15a) in main wiring harness

ws = white
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 vi = purple
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Onboard supply control unit, Starter relay 1, Starter relay 2



- J519 Onboard supply control unit
- J906 Starter relay 1, on left in engine compartment, under E-box Low
- J907 Starter relay 2, on left in engine compartment, under E-box Low
- T4cj 4-pin connector, black
- T5at 5-pin connector, black
- T52a 52-pin connector, black
- T52b 52-pin connector, colourless
- T52c 52-pin connector, colourless
- B276 Positive connection (50), in main wiring harness
- B282 Positive connection 6 (15a) in main wiring harness
- B283 Positive connection 7 (15a) in main wiring harness
- B660 Connection (diagnosis terminal 50), in main wiring harness



Additional coolant pump relay, Onboard supply control unit, Terminal 75 voltage supply relay 1, Terminal 15 voltage supply relay 2, Vacuum pump for brakes

- G294 Brake servo pressure sensor
- J496 Additional coolant pump relay
- J519 Onboard supply control unit
- J680 Terminal 75 voltage supply relay 1
- J681 Terminal 15 voltage supply relay 2
- T2jf 2-pin connector, black
- T7c 7-pin connector, red
- T7d 7-pin connector, black
- T32f 32-pin connector, black
- T52a 52-pin connector, black
- T52b 52-pin connector, colourless
- T52c 52-pin connector, colourless
- V192 Vacuum pump for brakes

- 13 Earth point, on right in engine compartment
- 374 Earth connection 9, in main wiring harness
- 378 Earth connection 13, in main wiring harness
- 602 Earth point, in front left footwell
- 684 Earth point on front of left side member
- B282 Positive connection 6 (15a) in main wiring harness
- B346 Connection 1 (75), in main wiring harness
- B573 Connection 40, in main wiring harness

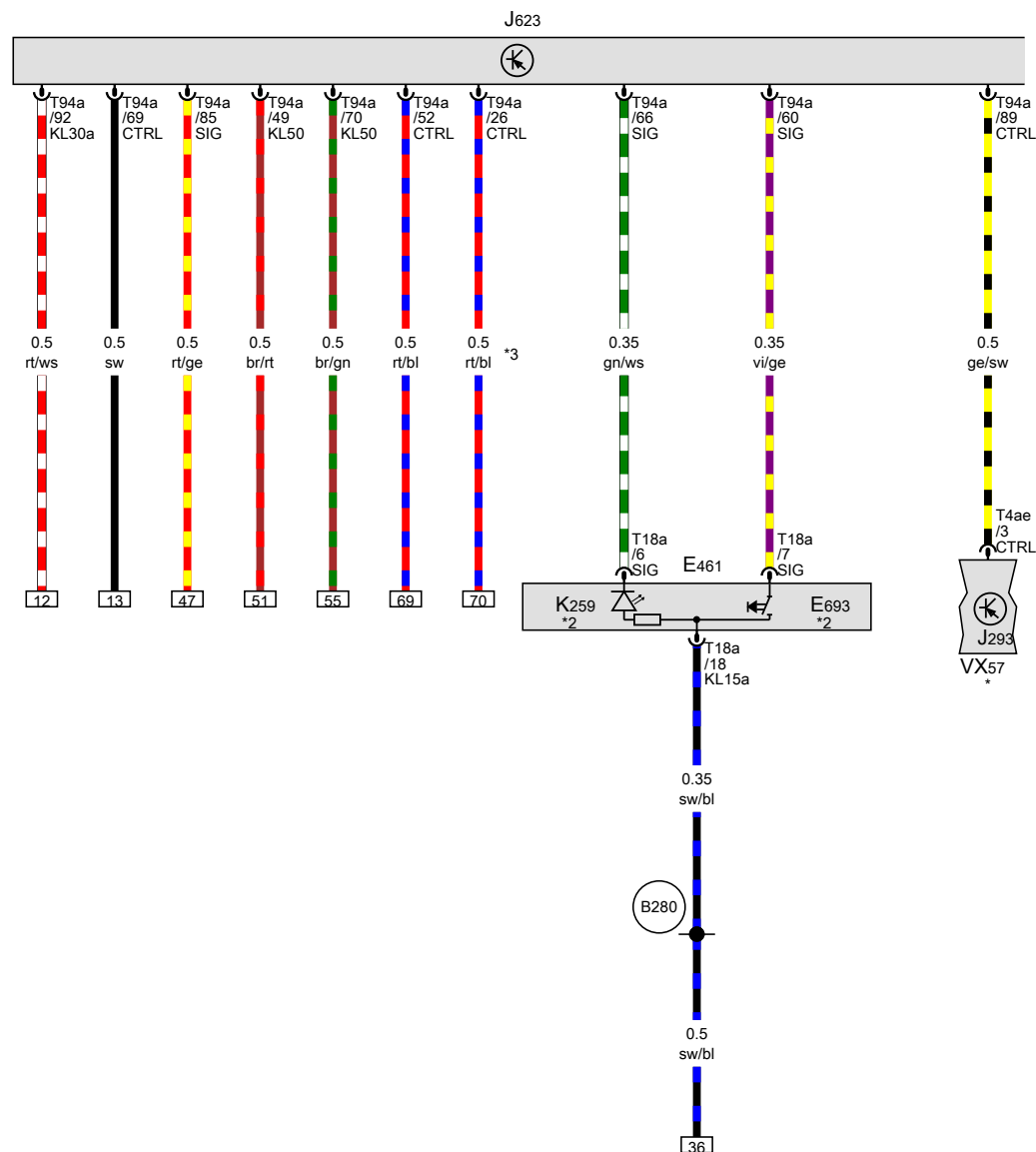
- * For emission standard Euro 6 AG/H/I
- *2 Up to November 2018
- *3 From November 2018
- *4 For models with equipment for Japan

Operating unit in front of centre console, Engine/motor control unit, Radiator fan

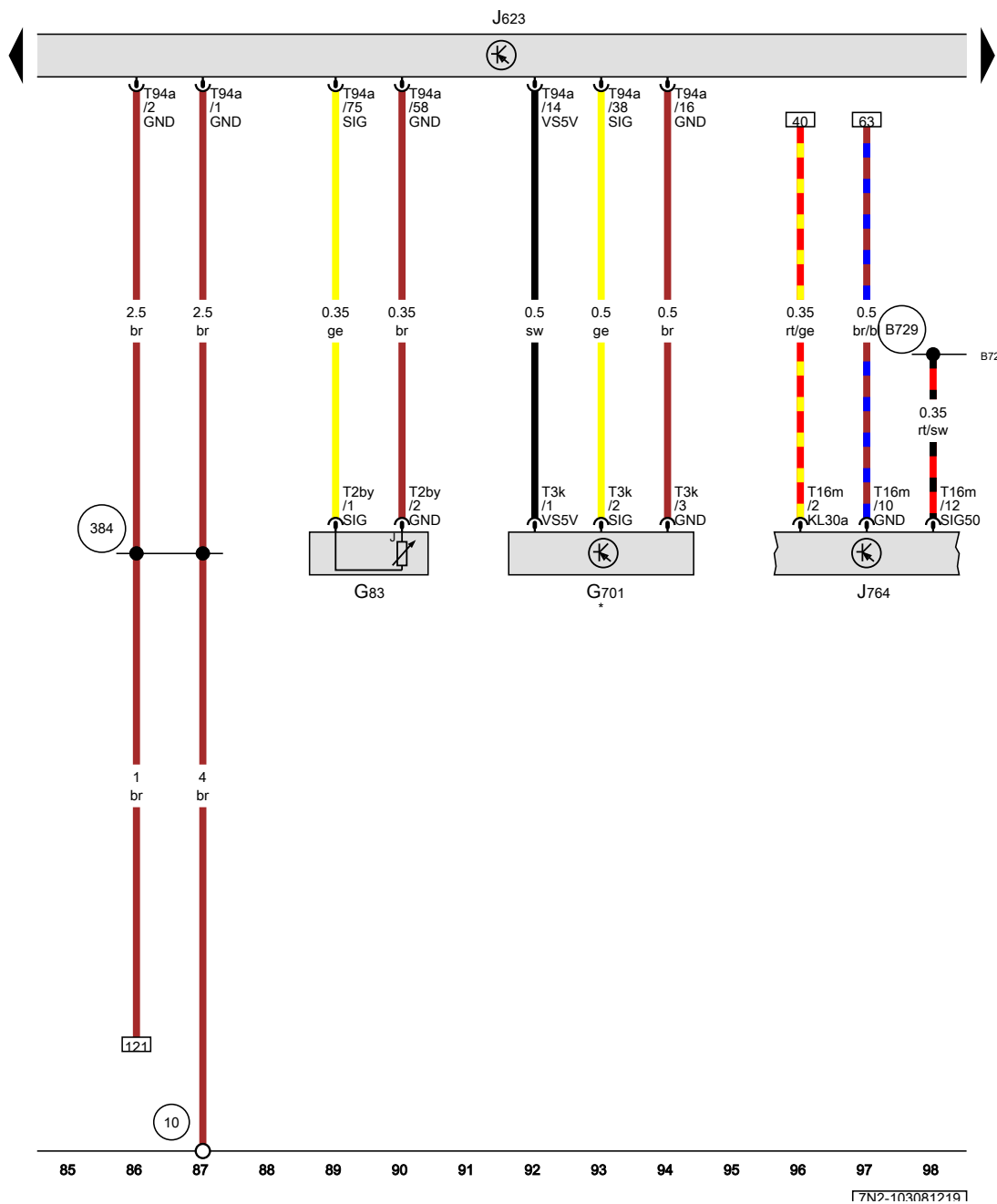
- E461 Operating unit in front of centre console, in centre console
- E693 Start/Stop operation button
- J293 Radiator fan control unit
- J623 Engine/motor control unit
- K259 Start/Stop operation warning lamp
- T4ae 4-pin connector, black
- T18a 18-pin connector, colourless
- T94a 94-pin connector, black
- VX57 Radiator fan

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

- * Pre-wired component
- *2 According to equipment
- *3 For models with equipment for Japan



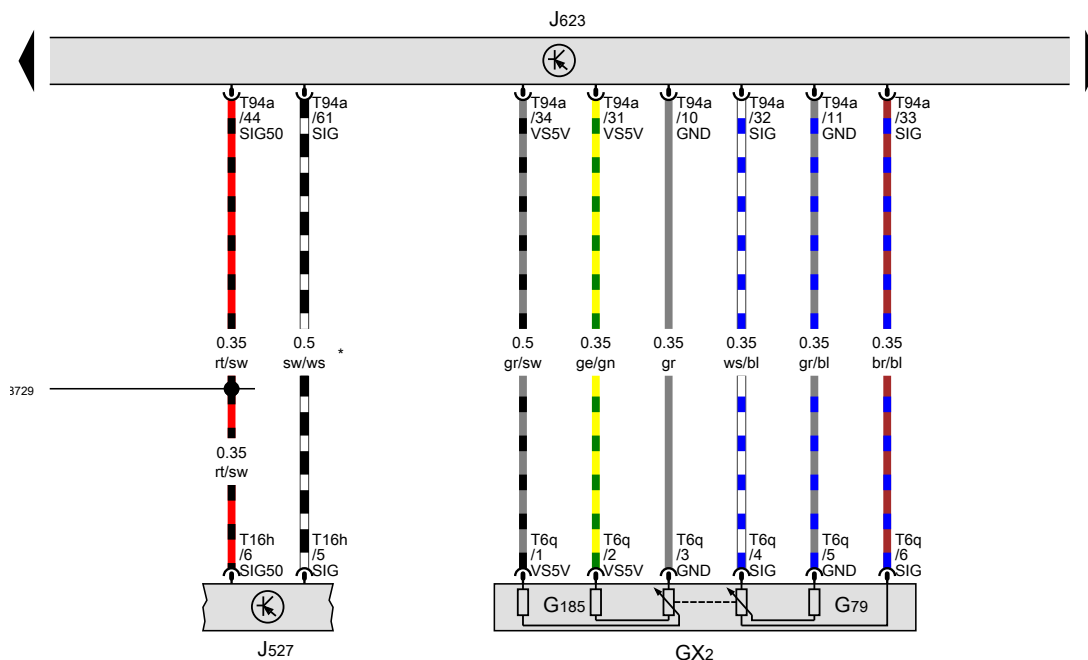
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Radiator outlet coolant temperature sender, Gearbox neutral position sender, Engine/motor control unit, Control unit for electronic steering column lock

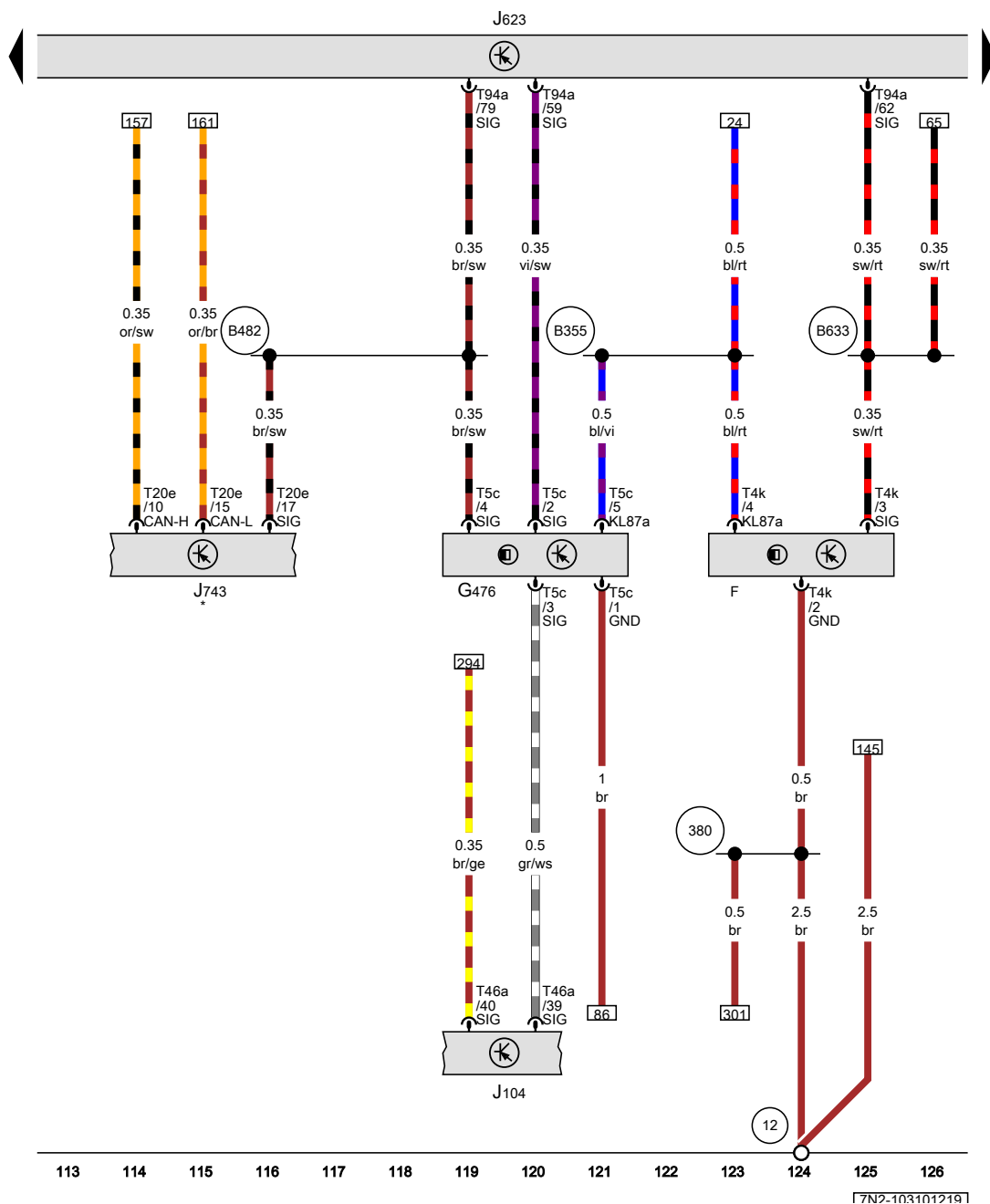
- G83 Radiator outlet coolant temperature sender
- G701 Gearbox neutral position sender
- J623 Engine/motor control unit
- J764 Control unit for electronic steering column lock
- T2by 2-pin connector, black
- T3k 3-pin connector, brown
- T16m 16-pin connector, black
- T94a 94-pin connector, black

- 10 Earth point, in plenum chamber
- 384 Earth connection 19, in main wiring harness
- B729 Connection 1 (50), in main wiring harness
- * For models with manual gearbox



Accelerator pedal module, Steering column electronics control unit, Engine/motor control unit

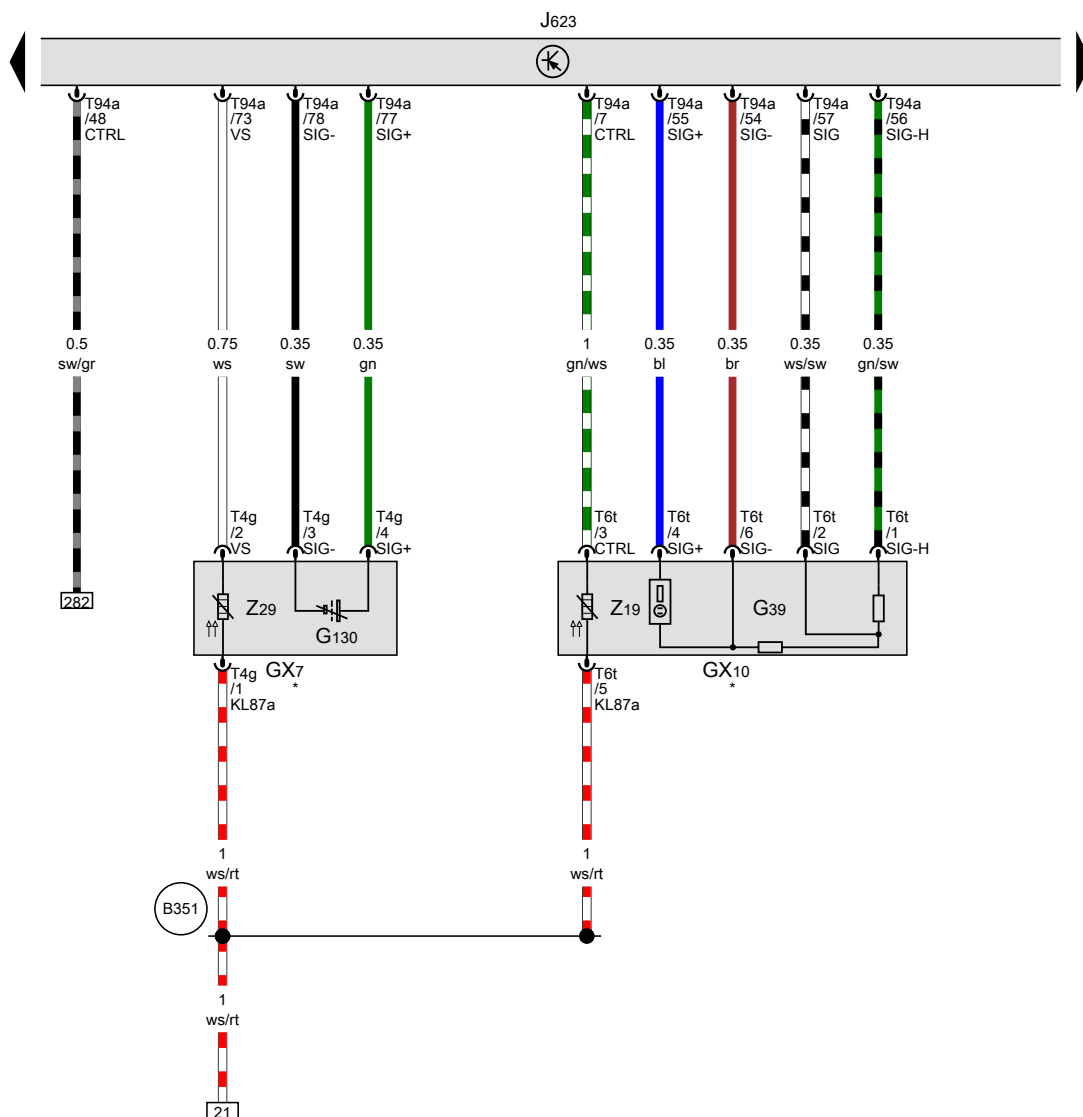
- GX2 Accelerator pedal module
- G79 Accelerator position sender
- G185 Accelerator position sender 2
- J527 Steering column electronics control unit
- J623 Engine/motor control unit
- T6q 6-pin connector, black
- T16h 16-pin connector, black
- T94a 94-pin connector, black
- B729 Connection 1 (50), in main wiring harness
- * For models with cruise control system (CCS)



Brake light switch, Clutch position sender, ABS control unit, Engine/motor control unit, Mechatronic unit for dual clutch gearbox

- F Brake light switch
- G476 Clutch position sender
- J104 ABS control unit
- J623 Engine/motor control unit
- J743 Mechatronic unit for dual clutch gearbox
- T4k 4-pin connector, black
- T5c 5-pin connector, black
- T20e 20-pin connector, black
- T46a 46-pin connector, black
- T94a 94-pin connector, black
- 12 Earth point, on left in engine compartment
- 380 Earth connection 15, in main wiring harness
- B355 Positive connection 6 (87a) in main wiring harness
- B482 Connection 18, in main wiring harness
- B633 Connection (brake pedal switch), in main wiring harness
- * For models with dual clutch gearbox (DSG)

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



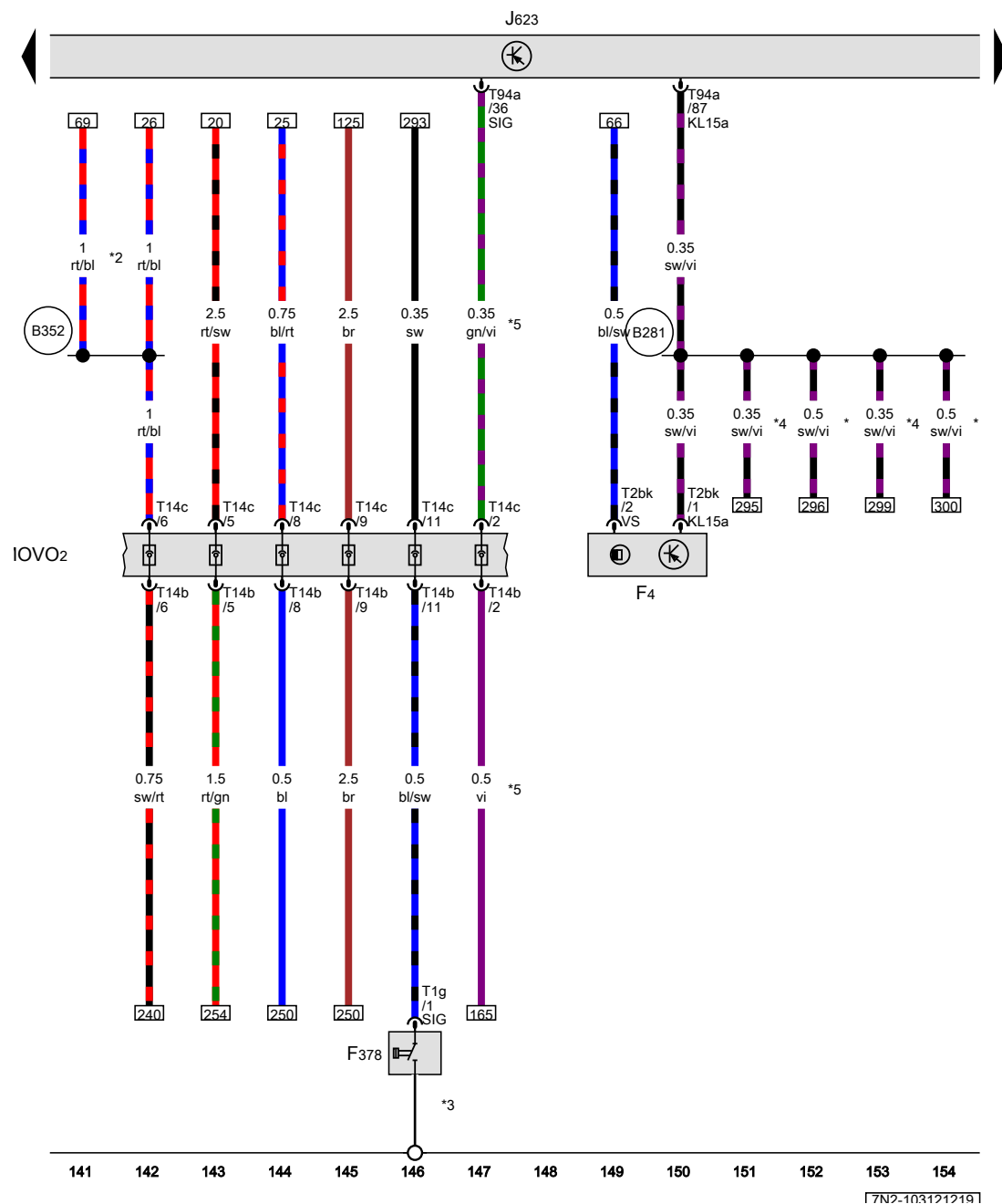
Lambda probe 1 after catalytic converter, Lambda probe 1 before catalytic converter, Engine/motor control unit

- 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
- T4g 4-pin connector, black
- T6t 6-pin connector, black
- T94a 94-pin connector, black
- Z19 Lambda probe heater
- Z29 Lambda probe 1 heater after catalytic converter
- B351 Positive connection 2 (87a) in main wiring harness
- * Pre-wired component

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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

127 128 129 130 131 132 133 134 135 136 137 138 139 140

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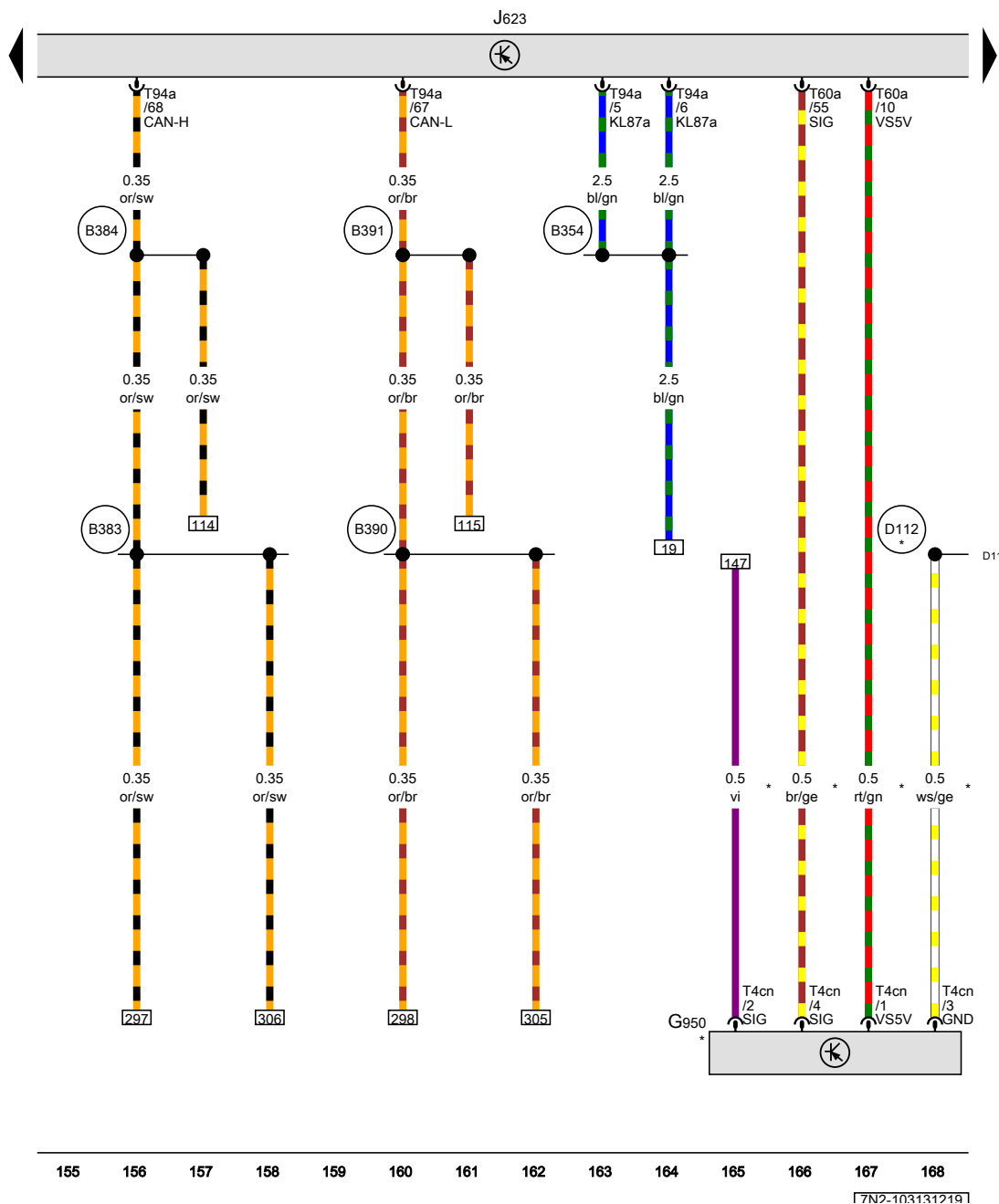
Reversing light switch, Oil pressure switch for reduced oil pressure, Engine/motor control unit

- F4 Reversing light switch
- F378 Oil pressure switch for reduced oil pressure
- J623 Engine/motor control unit
- T1g 1-pin connector, black
- T2bk 2-pin connector, black
- T14b 14-pin connector, grey
- T14c 14-pin connector, grey
- T94a 94-pin connector, black
- TMOVO2 Coupling point 2 for engine prewiring harness

B281 Positive connection 5 (15a) in main wiring harness

B352 Positive connection 3 (87a) in main wiring harness

- * Up to November 2018
- *2 For emission standard Euro 6 AG/H/I
- *3 Earth supply via housing
- *4 From November 2018
- *5 For emission standard Euro 6 DG



Tank breather pressure sensor 1, Engine/motor control unit

G950 Tank breather pressure sensor 1

J623 Engine/motor control unit

T4cn 4-pin connector, black

T60a 60-pin connector, black

T94a 94-pin connector, black

B354 Positive connection 5 (87a) in main wiring harness

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

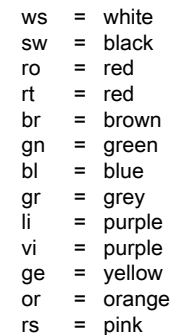
B384 Connection 2 (powertrain CAN bus, high), in main wiring harness

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

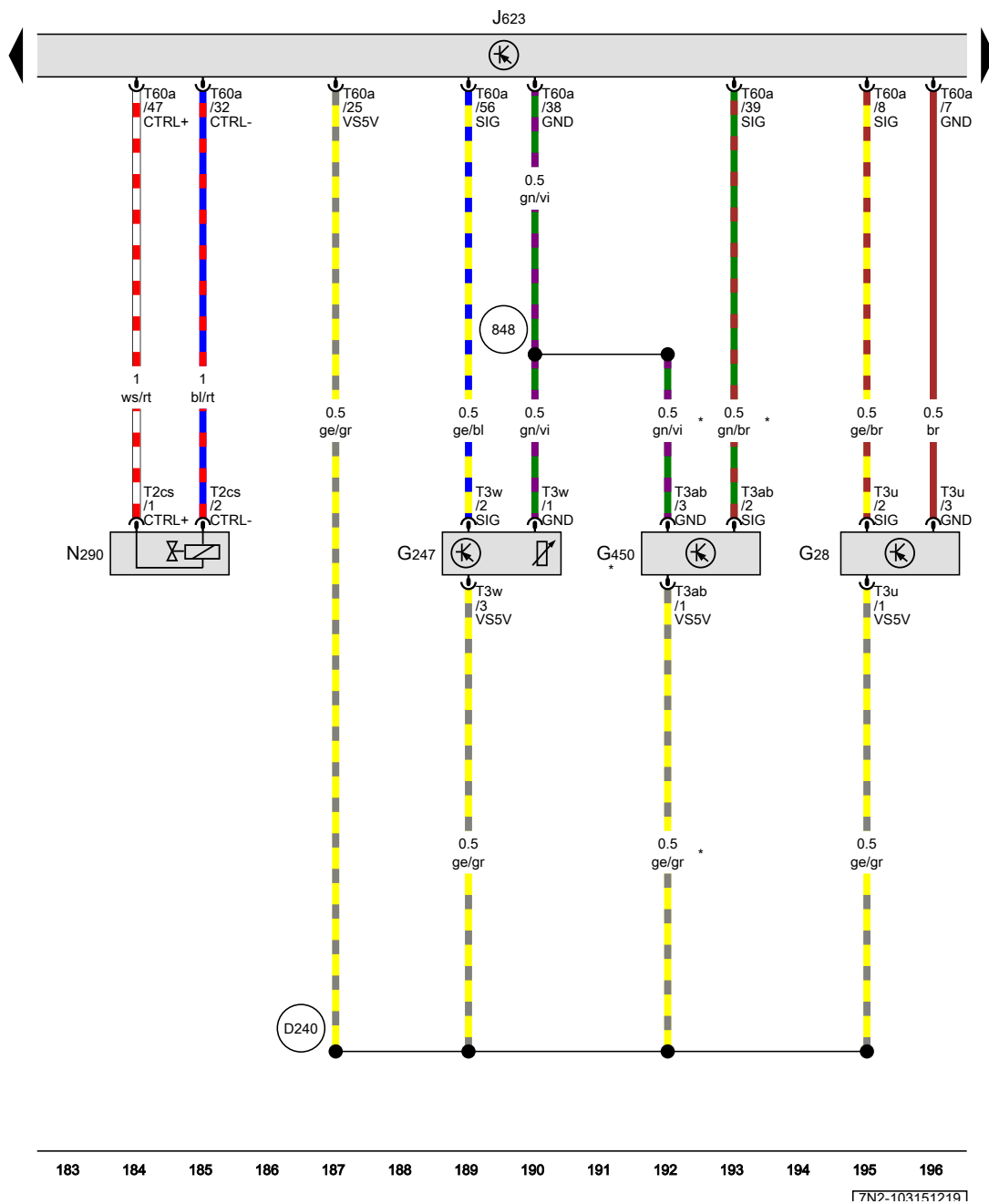
B391 Connection 2 (powertrain CAN bus, low), in main wiring harness

D112 Connection 10 in engine compartment wiring harness

* For emission standard Euro 6 DG



* Not for emission standard Euro 6 DG
*2 For emission standard Euro 6 DG



Engine speed sender, Fuel pressure sender, Exhaust gas pressure sensor 1, Engine/motor control unit, Fuel metering valve

- G28 Engine speed sender
- G247 Fuel pressure sender
- G450 Exhaust gas pressure sensor 1
- J623 Engine/motor control unit
- N290 Fuel metering valve
- T2cs 2-pin connector, black
- T3ab 3-pin connector, black
- T3u 3-pin connector, black
- T3w 3-pin connector, black
- T60a 60-pin connector, black

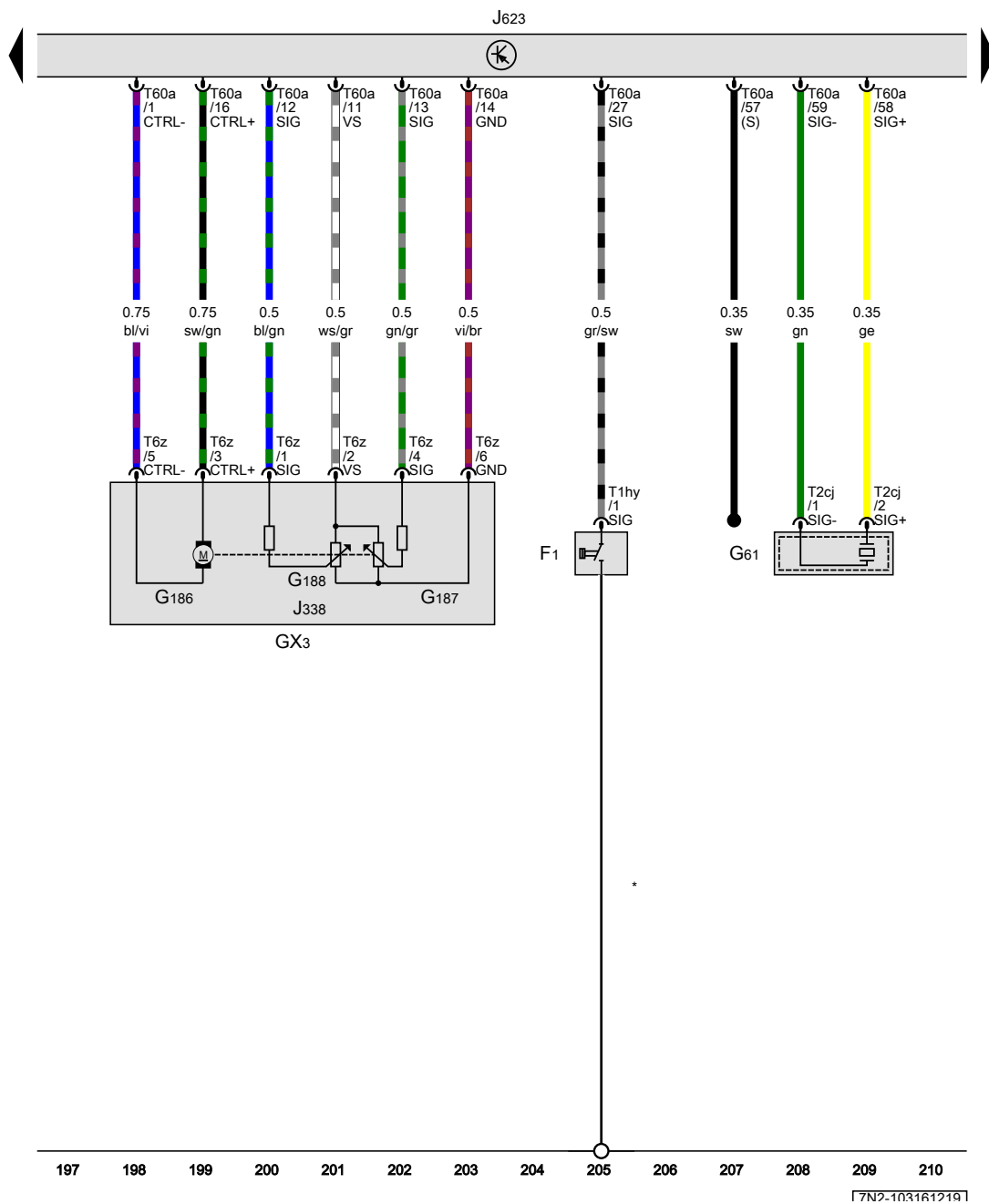
848 Earth point 11, engine prewiring harness

D240 Connection 9 (5V) in engine prewiring harness

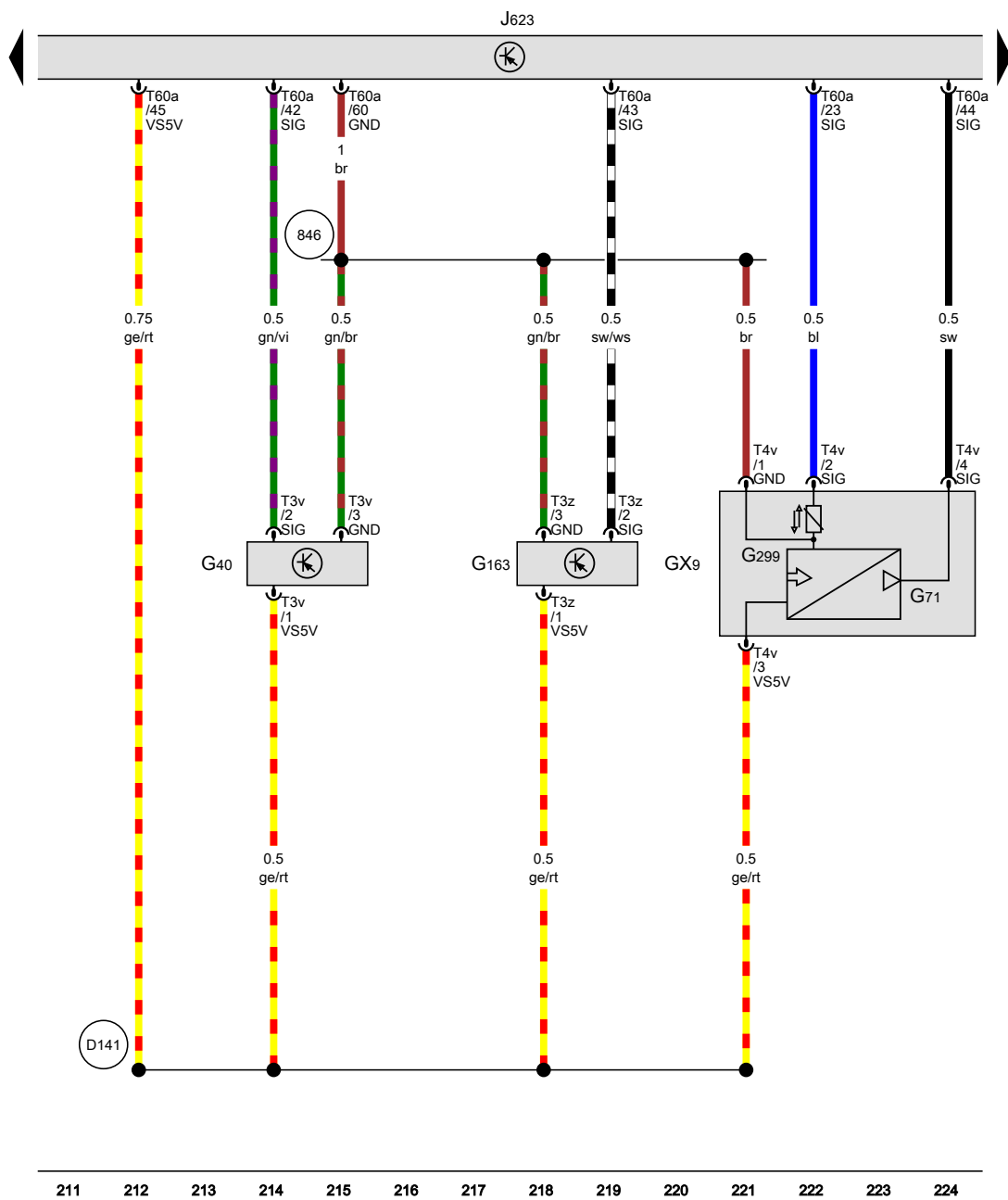
* Not for emission standard Euro 6 DG

- ws = white
- 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, Throttle valve module, Knock sensor 1, Engine/motor control unit



- F1 Oil pressure switch
- GX3 Throttle valve module
- G61 Knock sensor 1
- 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
- T1hy 1-pin connector, blue
- T2cj 2-pin connector, black
- T6z 6-pin connector, black
- T60a 60-pin connector, black
- * Earth supply via housing

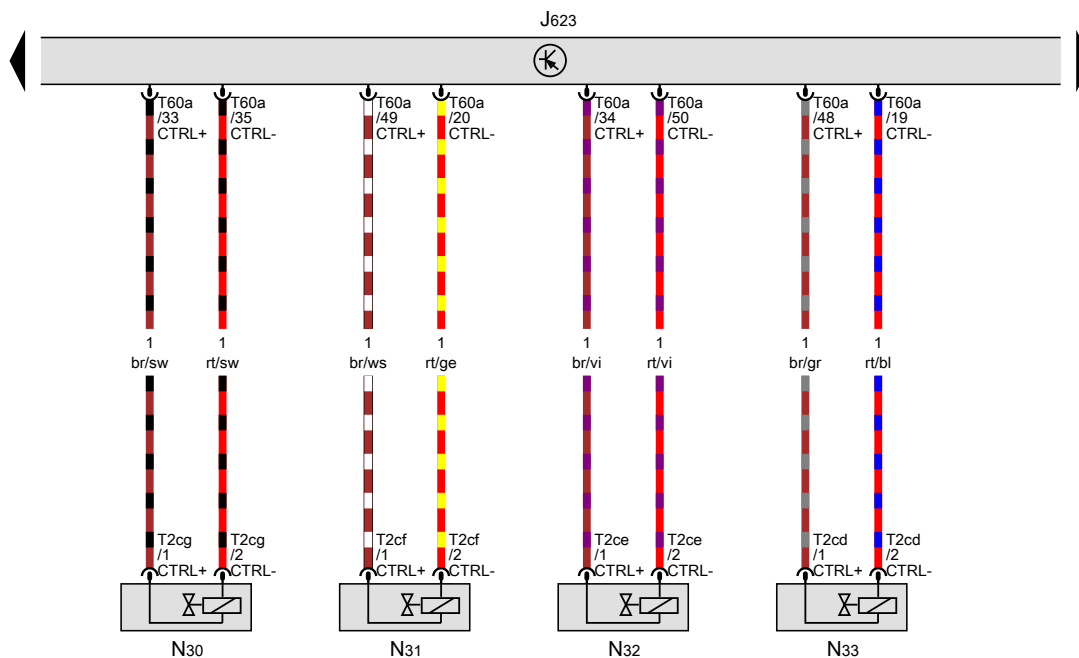


Intake manifold sender, Hall sender, Hall sender 2, Engine/ motor control unit

- GX9 Intake manifold sender
- G40 Hall sender
- G71 Intake manifold pressure sender
- G163 Hall sender 2
- G299 Intake air temperature sender 2
- J623 Engine/motor control unit
- T3v 3-pin connector, black
- T3z 3-pin connector, black
- T4v 4-pin connector, black
- T60a 60-pin connector, black
- 846 Earth point 9, engine prewiring harness
- D141 Connection (5V) in engine prewiring harness

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17N2-103171219



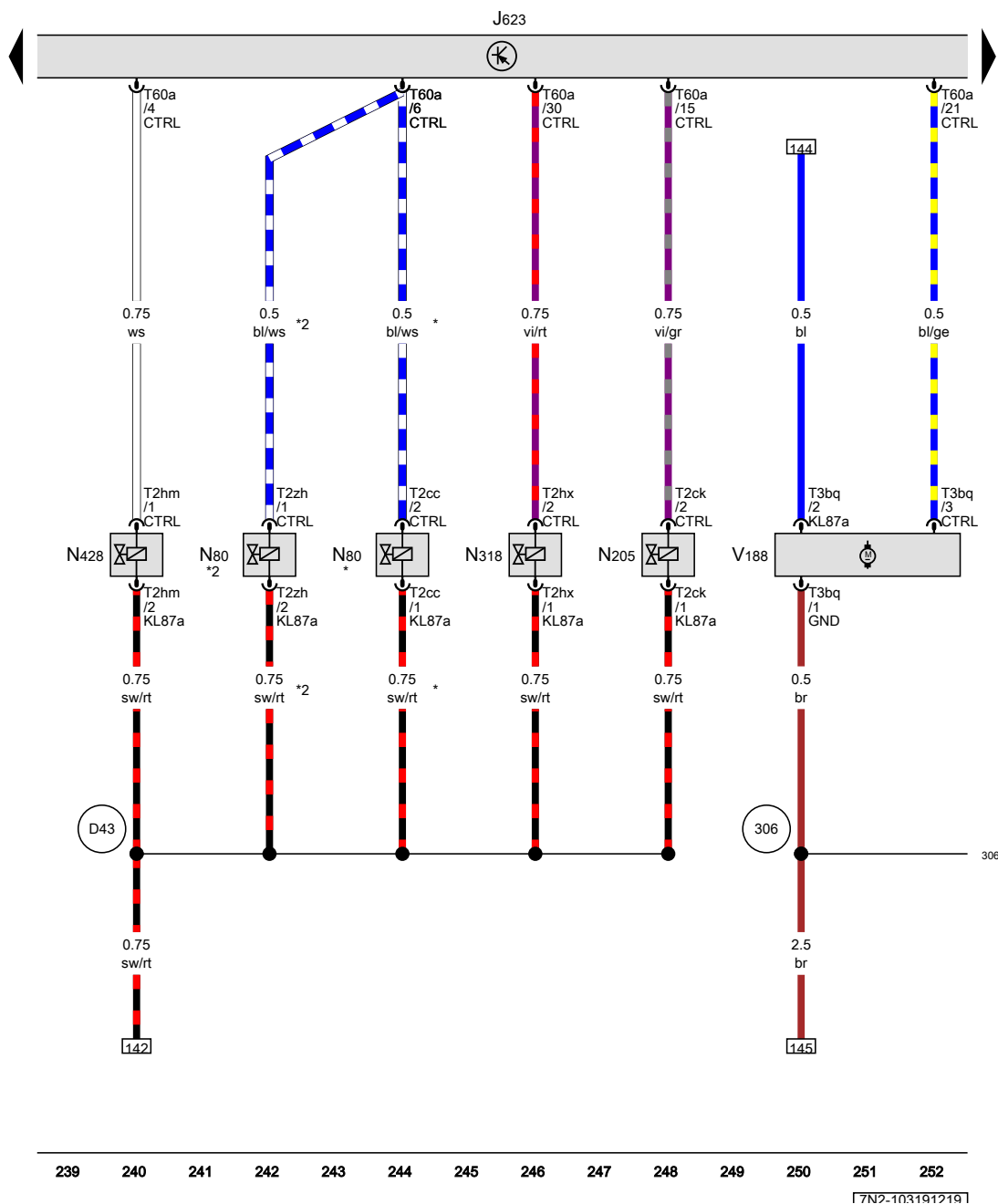
Engine/motor control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

- J623 Engine/motor control unit
- N30 Injector, cylinder 1
- N31 Injector, cylinder 2
- N32 Injector, cylinder 3
- N33 Injector, cylinder 4
- T2cd 2-pin connector, black
- T2ce 2-pin connector, black
- T2cf 2-pin connector, black
- T2cg 2-pin connector, black
- T60a 60-pin connector, black

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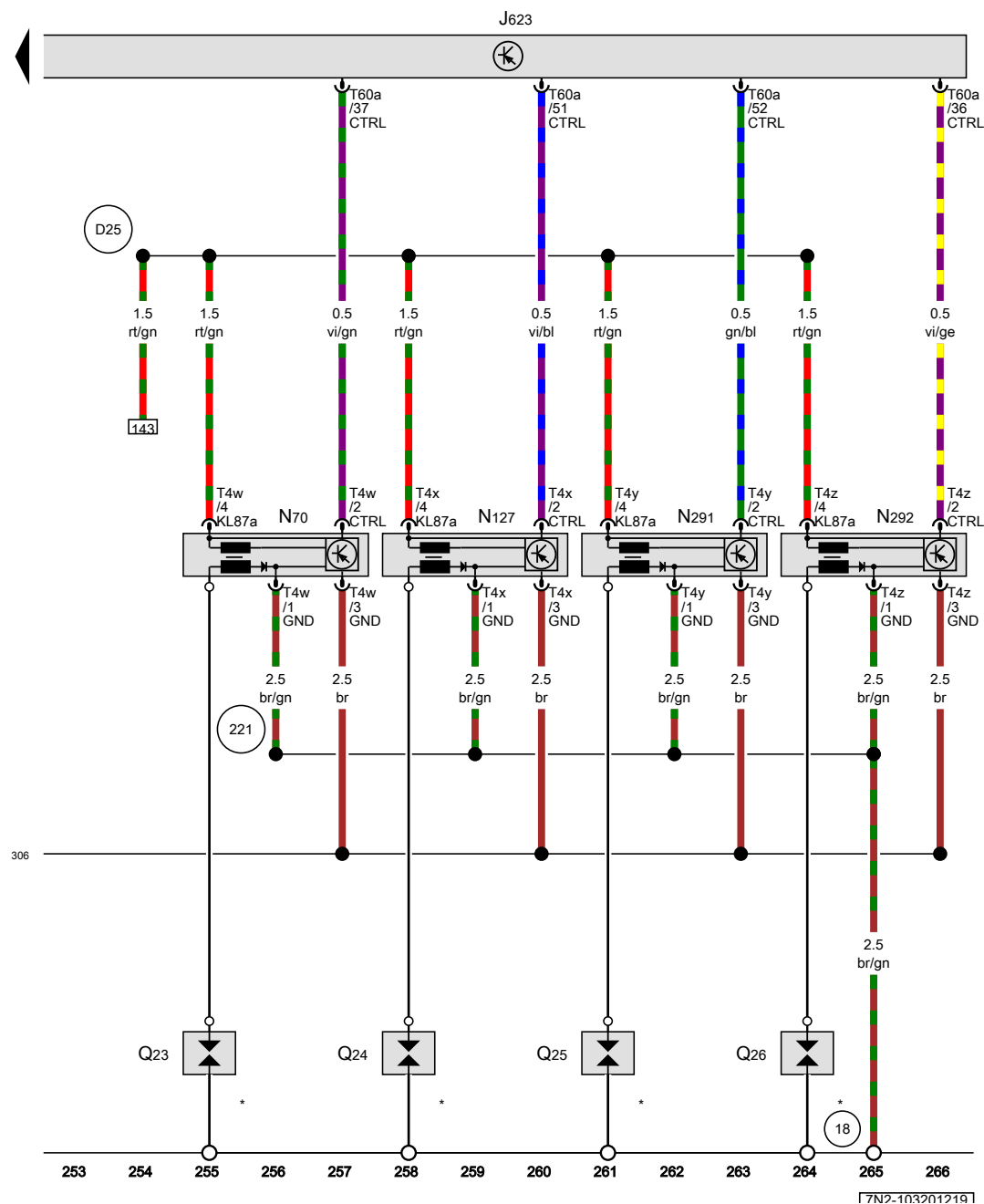
225 226 227 228 229 230 231 232 233 234 235 236 237 238

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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, Charge air cooling pump

- 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
- T2cc 2-pin connector, black
- T2ck 2-pin connector, black
- T2hm 2-pin connector, black
- T2hx 2-pin connector, black
- T2zh 2-pin connector, black
- T3bq 3-pin connector, black
- T60a 60-pin connector, black
- V188 Charge air cooling pump
- 306 Earth connection (ignition coils), in engine prewiring harness
- D43 Connection 5, in engine prewiring harness
- * Not for emission standard Euro 6 DG
- *2 For emission standard Euro 6 DG



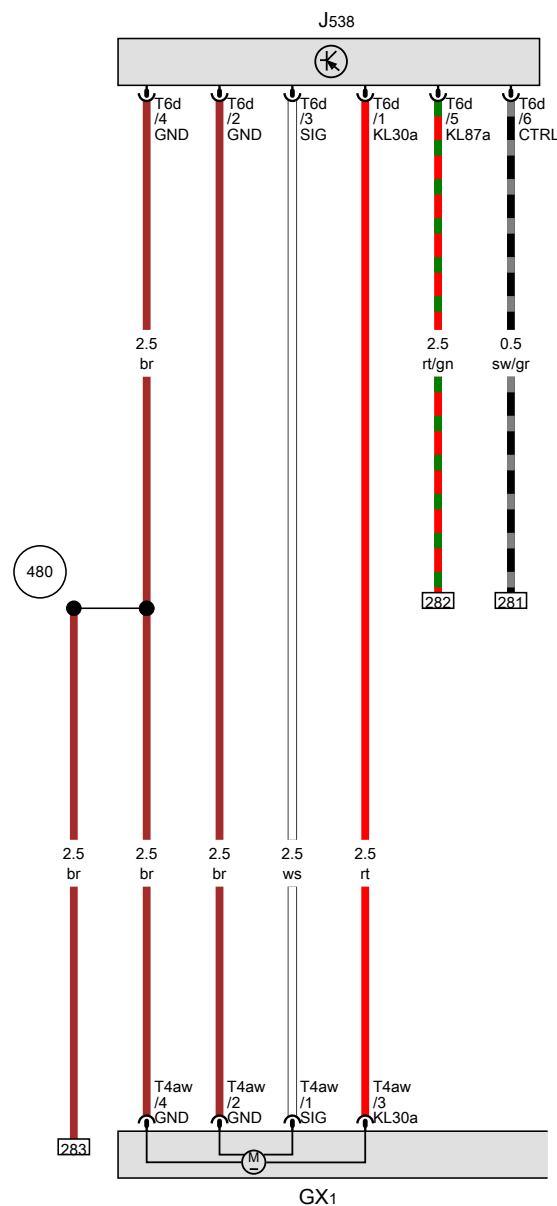
Engine/motor control unit, Ignition coil 1 with output stage, Ignition coil 2 with output stage, Ignition coil 3 with output stage, Ignition coil 4 with output stage, Spark plug 1, Spark plug 2, Spark plug 3, Spark plug 4

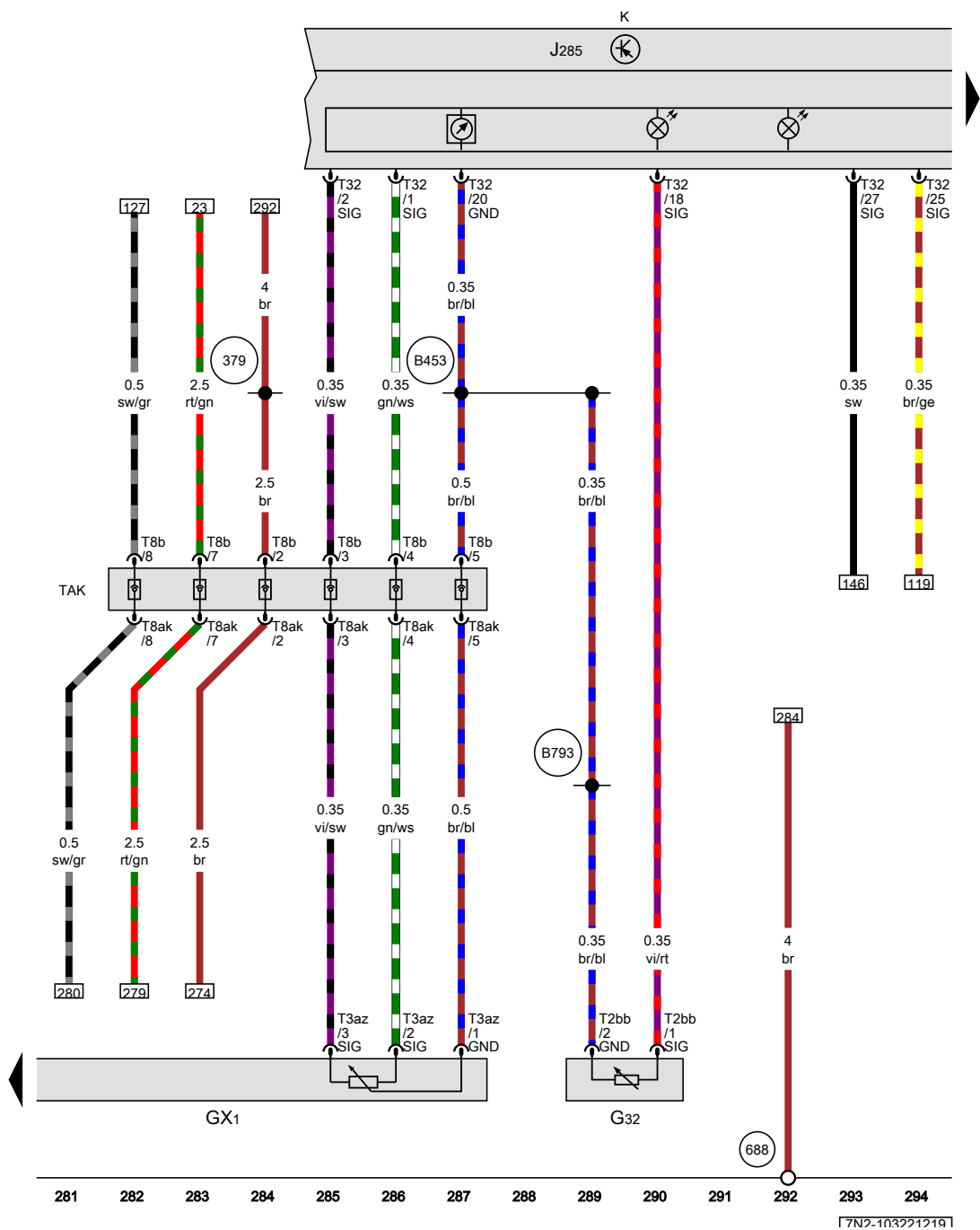
- J623 Engine/motor control unit
- N70 Ignition coil 1 with output stage
- N127 Ignition coil 2 with output stage
- N291 Ignition coil 3 with output stage
- N292 Ignition coil 4 with output stage
- Q23 Spark plug 1
- Q24 Spark plug 2
- Q25 Spark plug 3
- Q26 Spark plug 4
- T4w 4-pin connector, black
- T4x 4-pin connector, black
- T4y 4-pin connector, black
- T4z 4-pin connector, black
- T60a 60-pin connector, black
- 18 Earth point, on cylinder block
- 221 Earth connection (engine earth), in engine wiring harness
- 306 Earth connection (ignition coils), in engine prewiring harness
- D25 Positive connection (15), in engine prewiring harness
- * Earth supply via housing

Fuel delivery unit, Fuel pump control unit

GX1 Fuel delivery unit
J538 Fuel pump control unit
T4aw 4-pin connector, black
T6d 6-pin connector, black

480 Earth connection, in fuel tank wiring harness



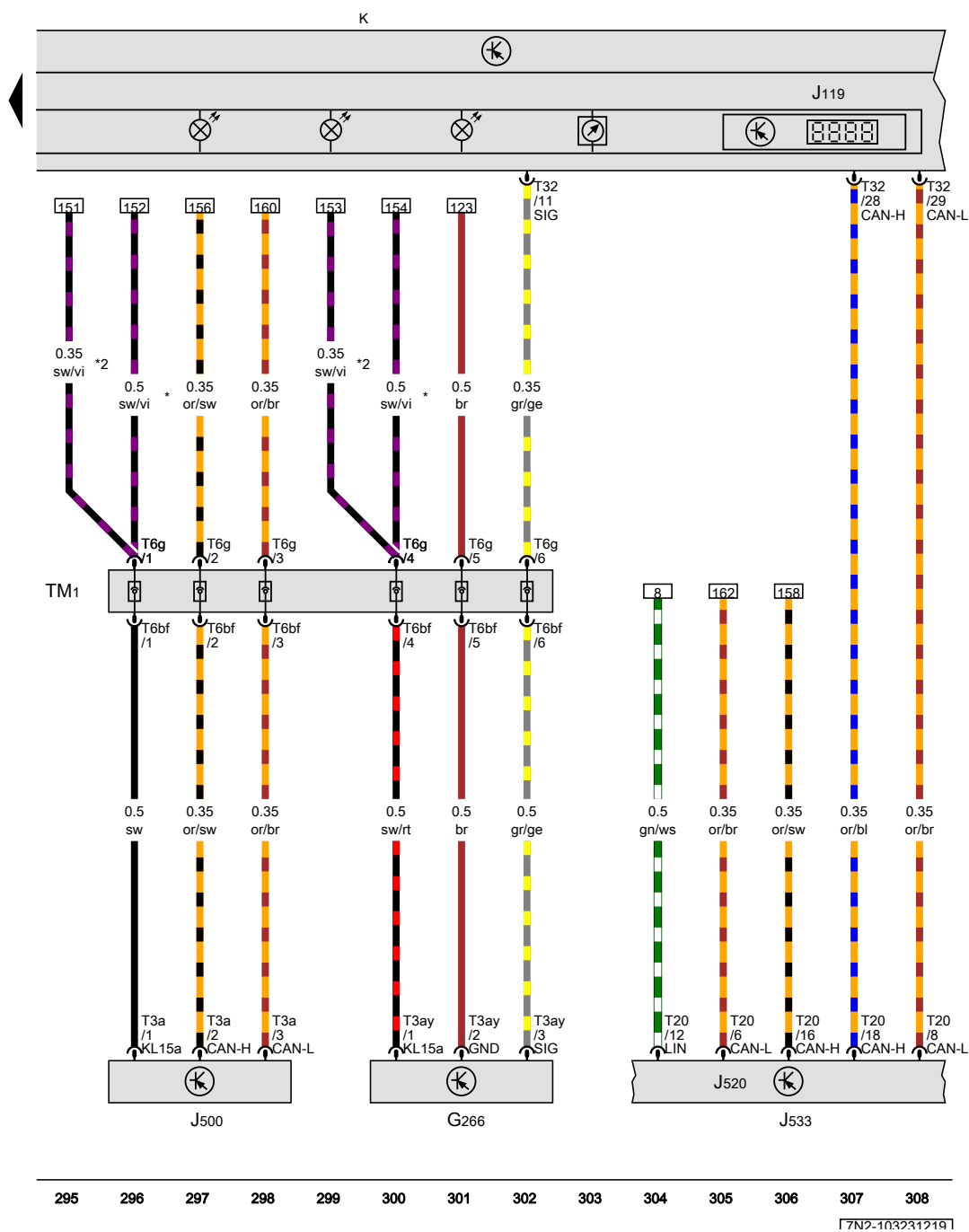


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Fuel delivery unit, Coolant shortage indicator sender, Dash panel insert

- GX1 Fuel delivery unit
- G32 Coolant shortage indicator sender
- J285 Control unit in dash panel insert
- K Dash panel insert
- T2bb 2-pin connector, black
- T3az 3-pin connector, black
- T8ak 8-pin connector, black
- T8b 8-pin connector, black
- T32 32-pin connector, blue
- TAK Coupling point for fuel tank

- 379 Earth connection 14, in main wiring harness
- 688 Earth point 2, on centre tunnel
- B453 Connection 1 (sensor), in main wiring harness
- B793 Connection 2 (sensor), in main wiring harness

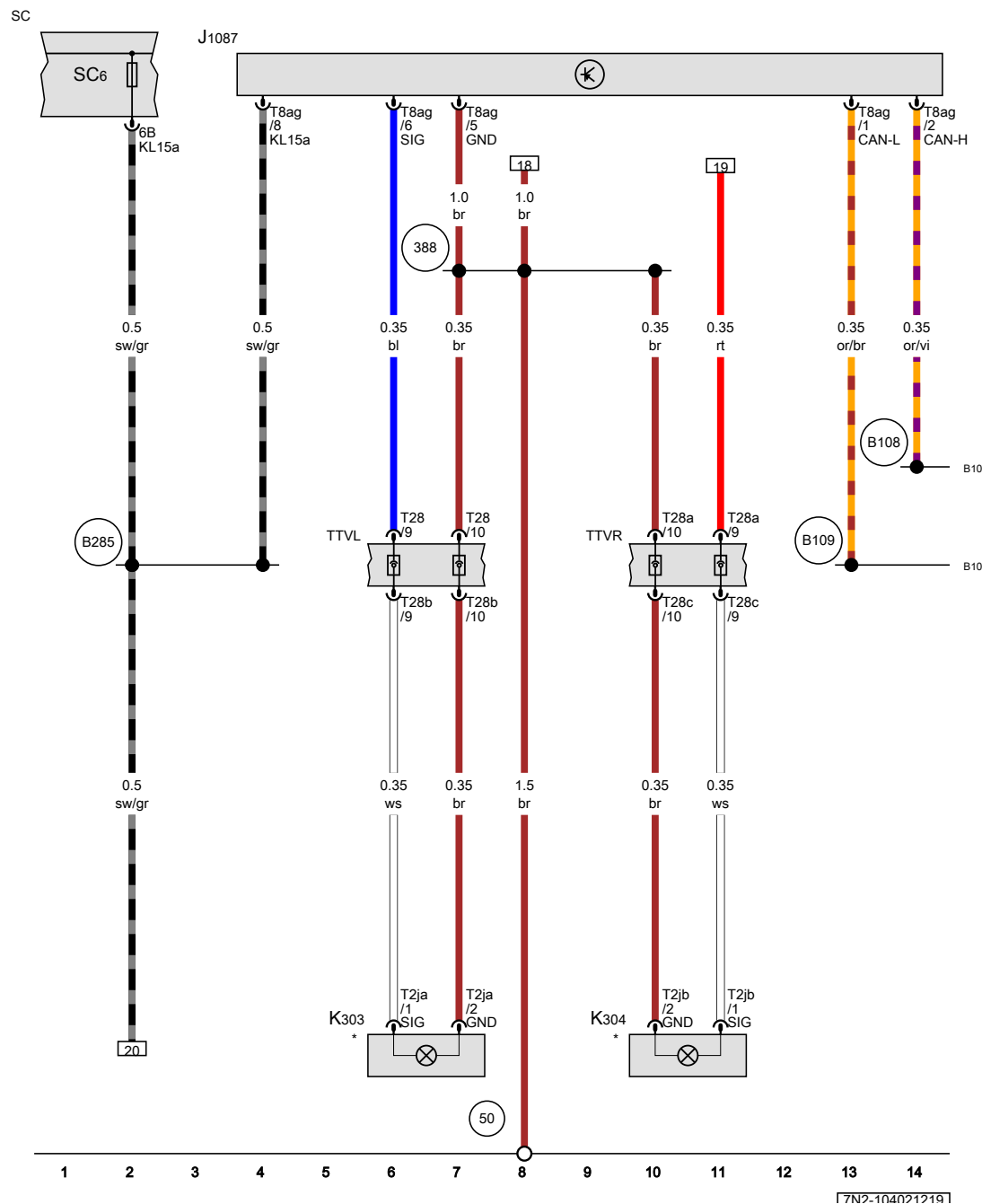


Oil level and oil temperature sender, Power steering control unit, Data bus diagnostic interface, Dash panel insert

- G266 Oil level and oil temperature sender
- J119 Multifunction indicator
- J500 Power steering control unit
- J520 Onboard supply control unit 2
- J533 Data bus diagnostic interface
- K Dash panel insert
- T3a 3-pin connector, black
- T3ay 3-pin connector, black
- T6bf 6-pin connector, black
- T6g 6-pin connector, black
- TM1 Coupling point 1 for engine compartment wiring
- T20 20-pin connector, red
- T32 32-pin connector, blue
- * Up to November 2018
- *2 From November 2018

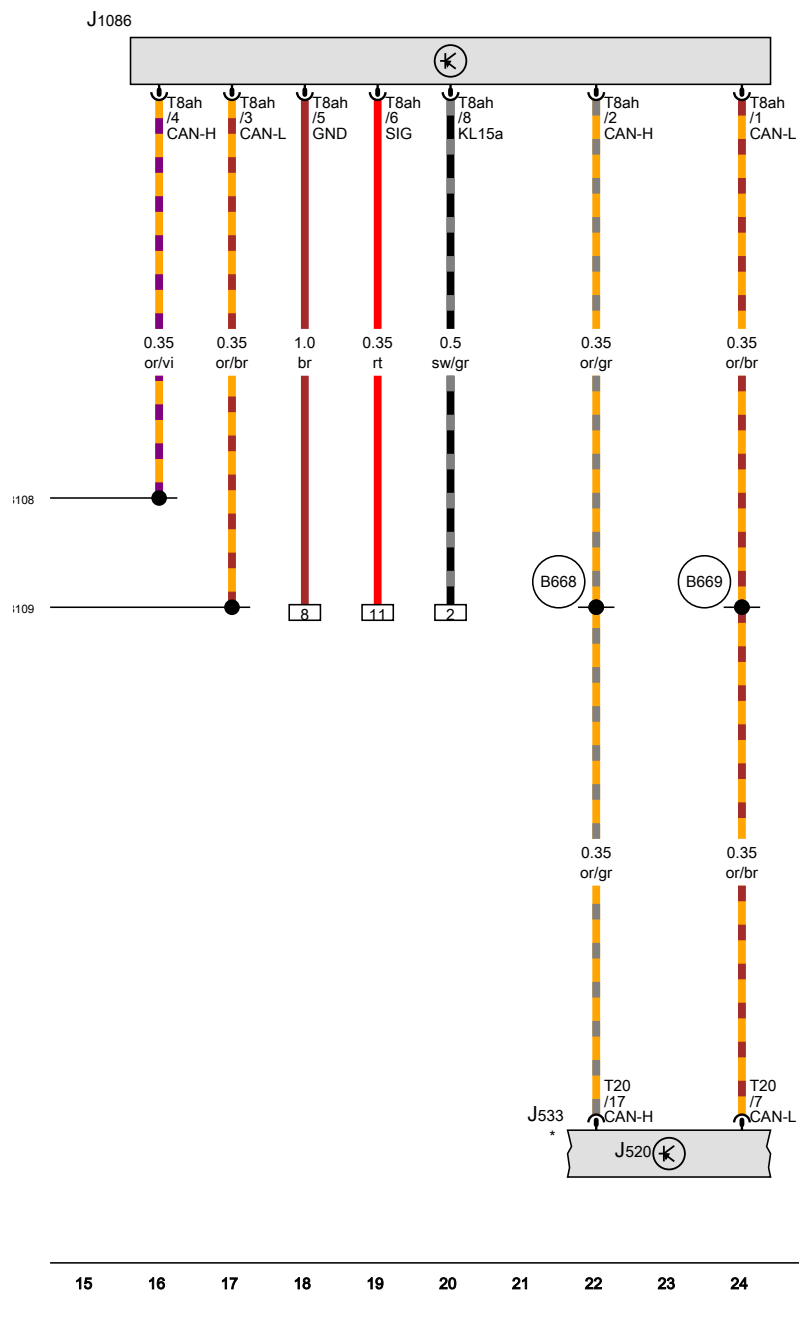
Lane change assist

From July 2019



Blind Spot Monitor control unit 2, Blind Spot Monitor warning lamp in left exterior mirror, Blind Spot Monitor warning lamp in right exterior mirror, Fuse holder C

- J1087 Blind Spot Monitor control unit 2
- K303 Blind Spot Monitor warning lamp in left exterior mirror
- K304 Blind Spot Monitor warning lamp in right exterior mirror
- SC Fuse holder C
- SC6 Fuse 6 on fuse holder C
- T2ja 2-pin connector, black
- T2jb 2-pin connector, black
- T8ag 8-pin connector, black
- T28 28-pin connector, black
- T28a 28-pin connector, black
- T28b 28-pin connector, black
- T28c 28-pin connector, black
- TTVL Coupling point for front left door, on lower section of left A-pillar
- TTVR Coupling point for front right door, on lower section of right A-pillar
- 50 Earth point, on left in luggage compartment
- 388 Earth connection 23, 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
- B285 Positive connection 9 (15a) in main wiring harness
- * Pre-wired component



Onboard supply control unit 2, Data bus diagnostic interface, Blind Spot Monitor control unit

- J520 Onboard supply control unit 2
- J533 Data bus diagnostic interface
- J1086 Blind Spot Monitor control unit
- T8ah 8-pin connector, black
- T20 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
- B668 Connection 2 (CAN bus extended high), in main wiring harness
- B669 Connection 2 (CAN bus extended low), in main wiring harness

* see applicable current flow diagram for data bus network