

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

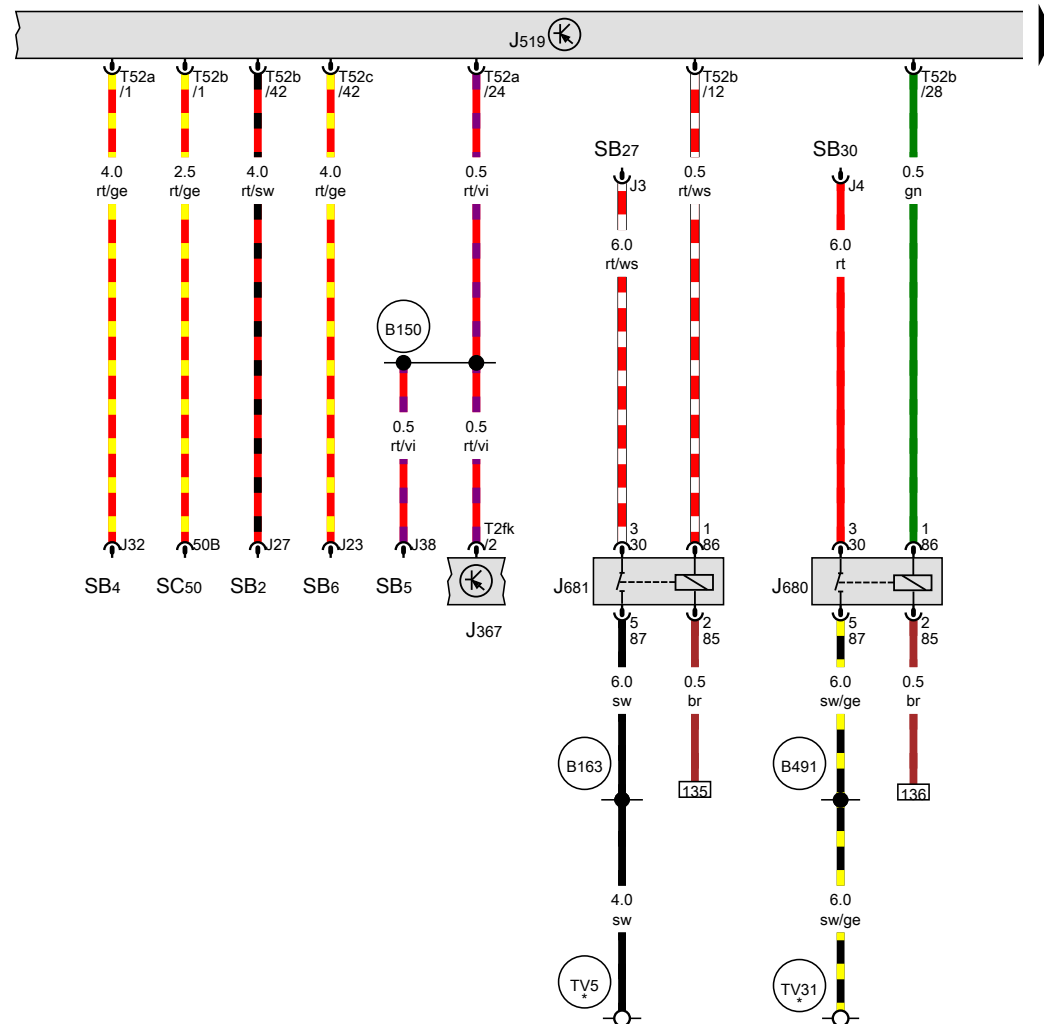
B163 Positive connection 1 (15), in interior wiring harness

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

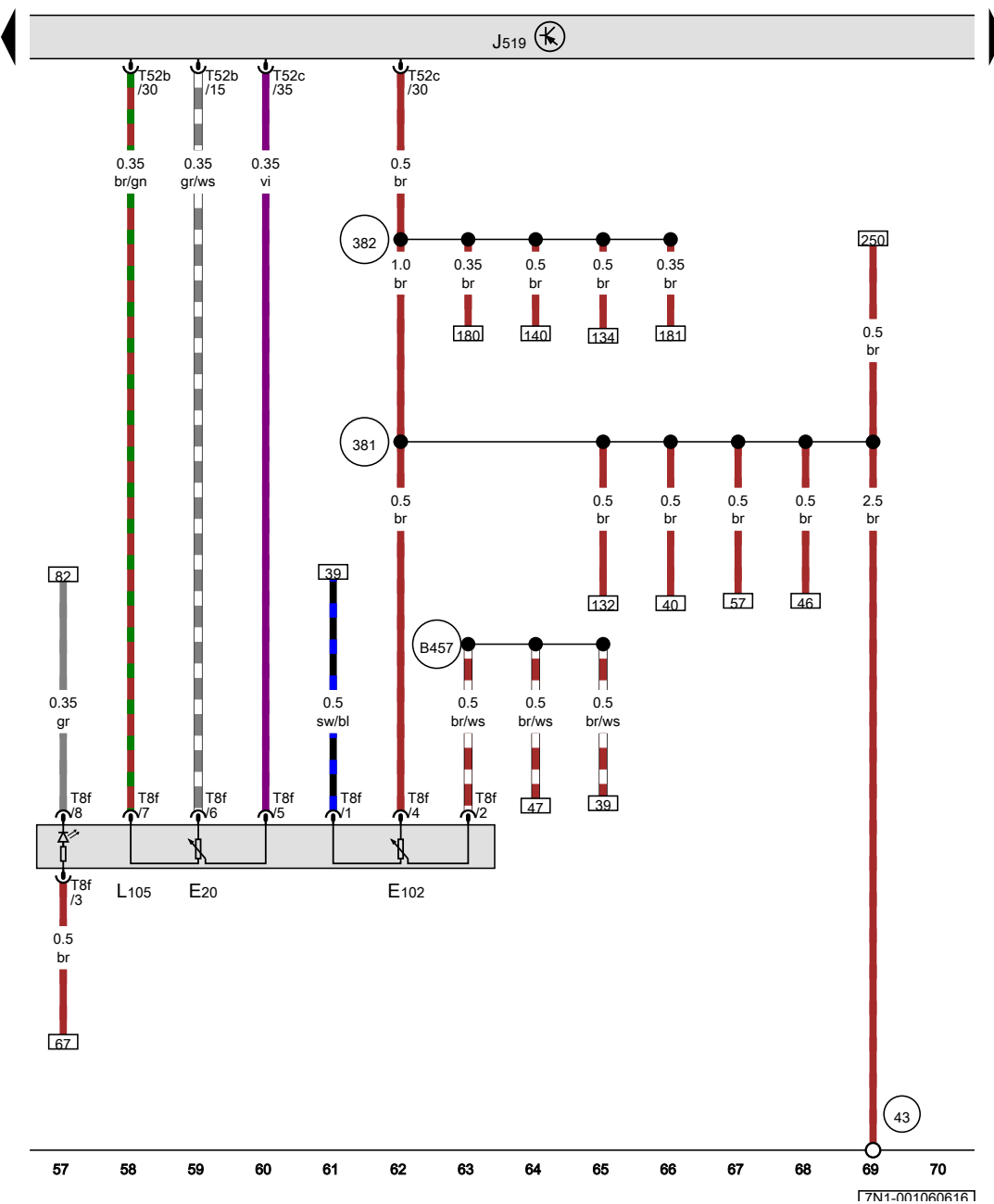


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Switch and instrument illumination regulator, Onboard supply control unit

- 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

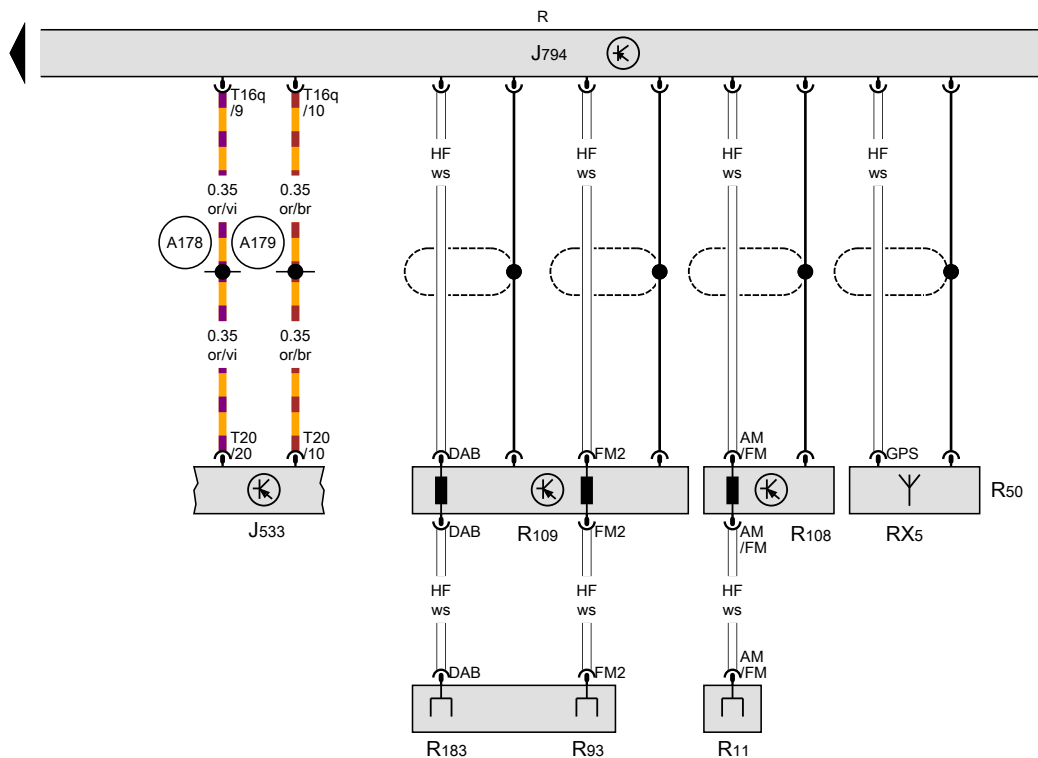
- 43 Earth point, lower part of right A-pillar
- 381 Earth connection 16, in main wiring harness
- 382 Earth connection 17, in main wiring harness
- B457 Connection 1 (potentiometer), in main wiring harness



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

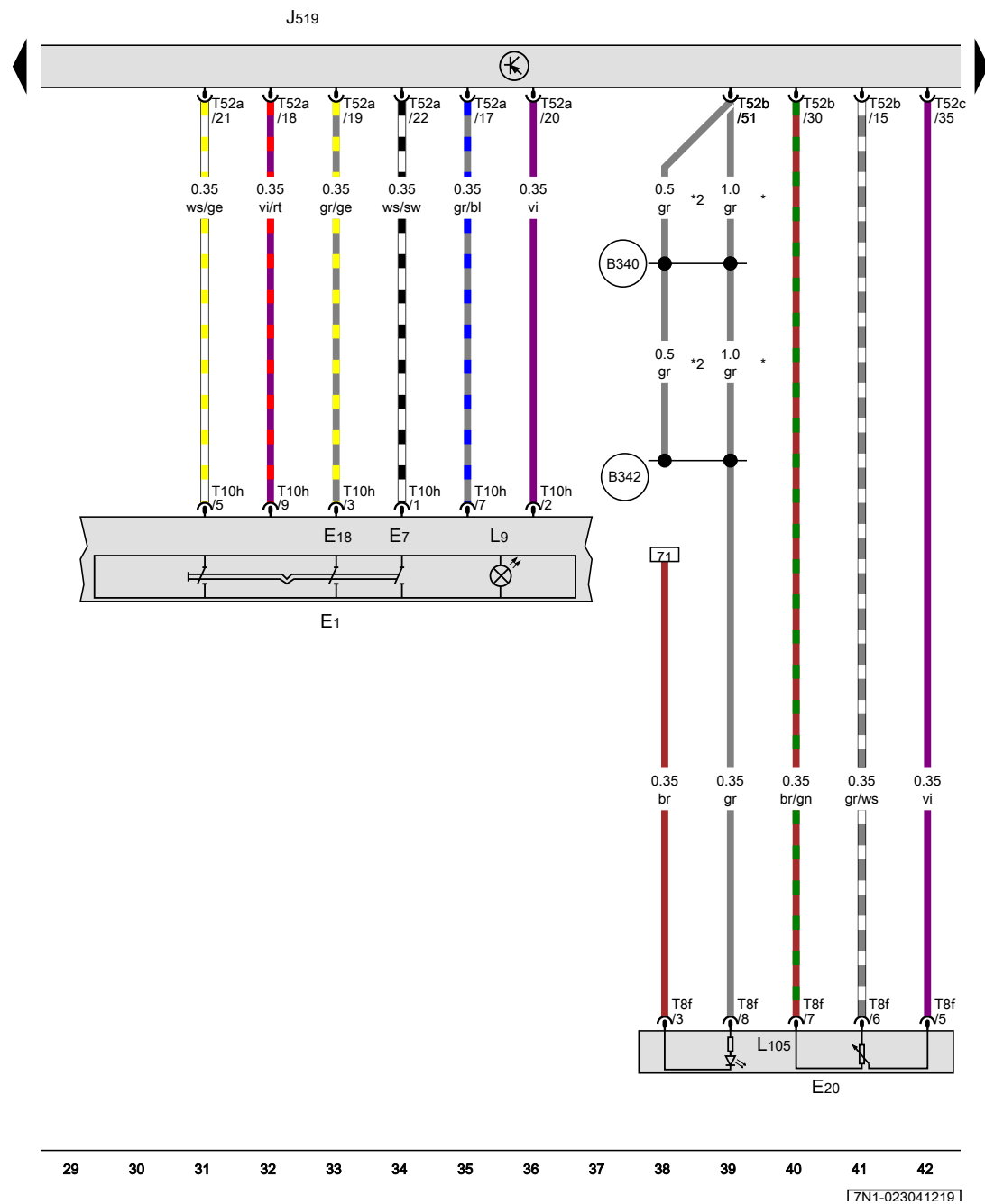
- A178 Connection (infotainment CAN bus, high), in dash panel wiring harness
- A179 Connection (infotainment CAN bus, low), in dash panel wiring harness



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

[7N1-007051118]



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

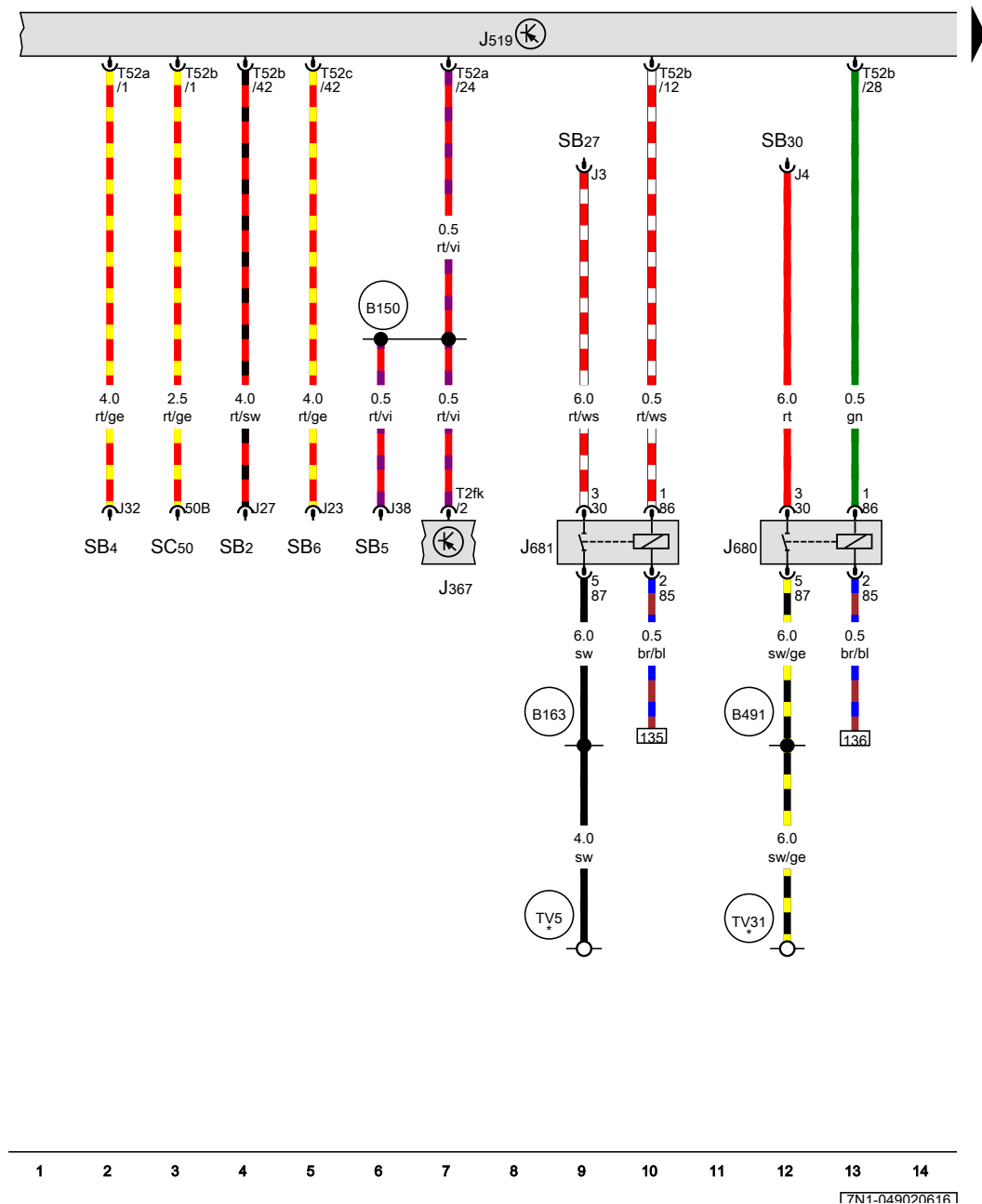
B342 Connection 3 (58d), in main wiring harness

* Up to May 2017

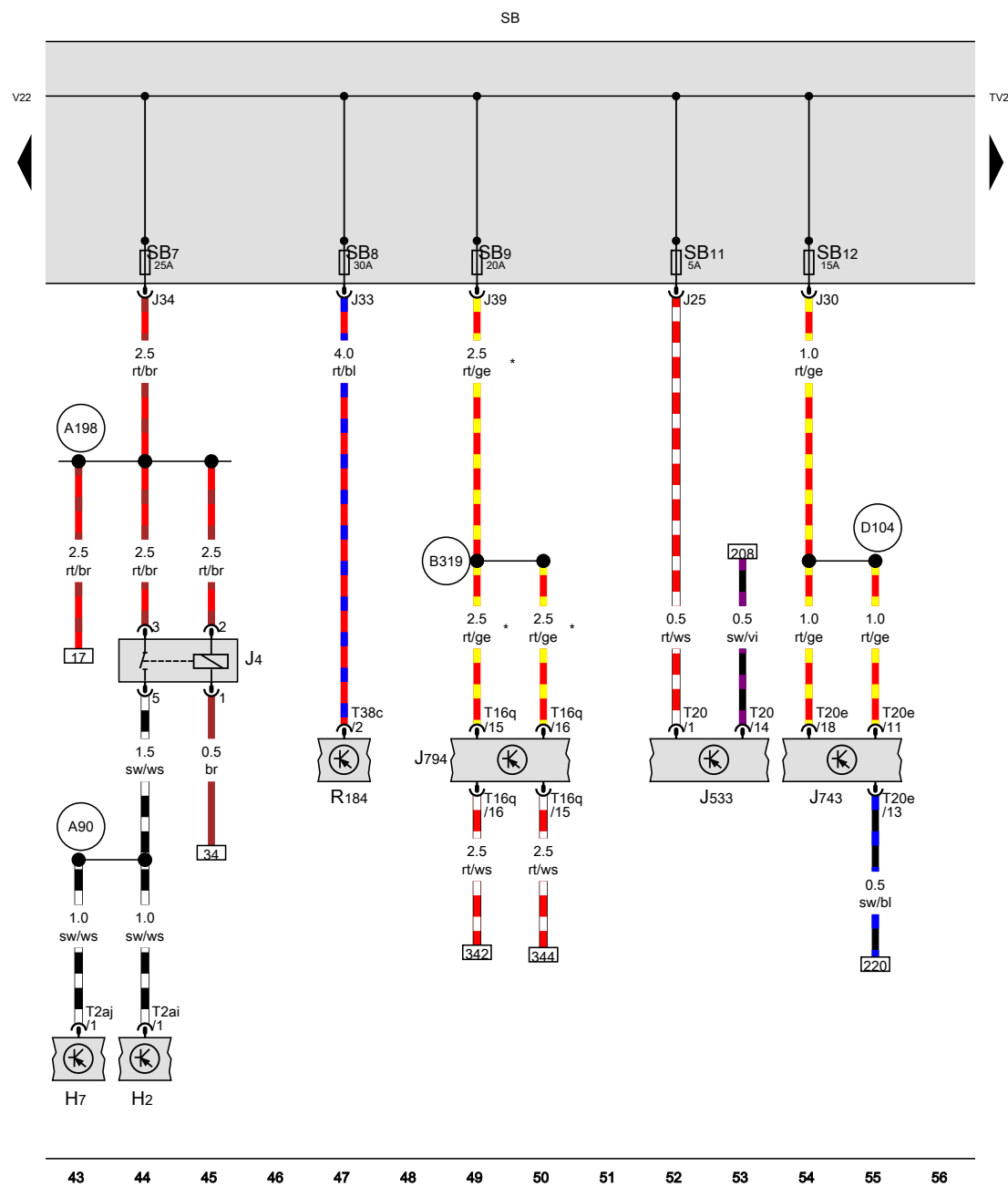
*2 From May 2017

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- J680 Terminal 75 voltage supply relay 1
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- SB2 Fuse 2 on fuse holder B
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- SB5 Fuse 5 on fuse holder B
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- 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



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

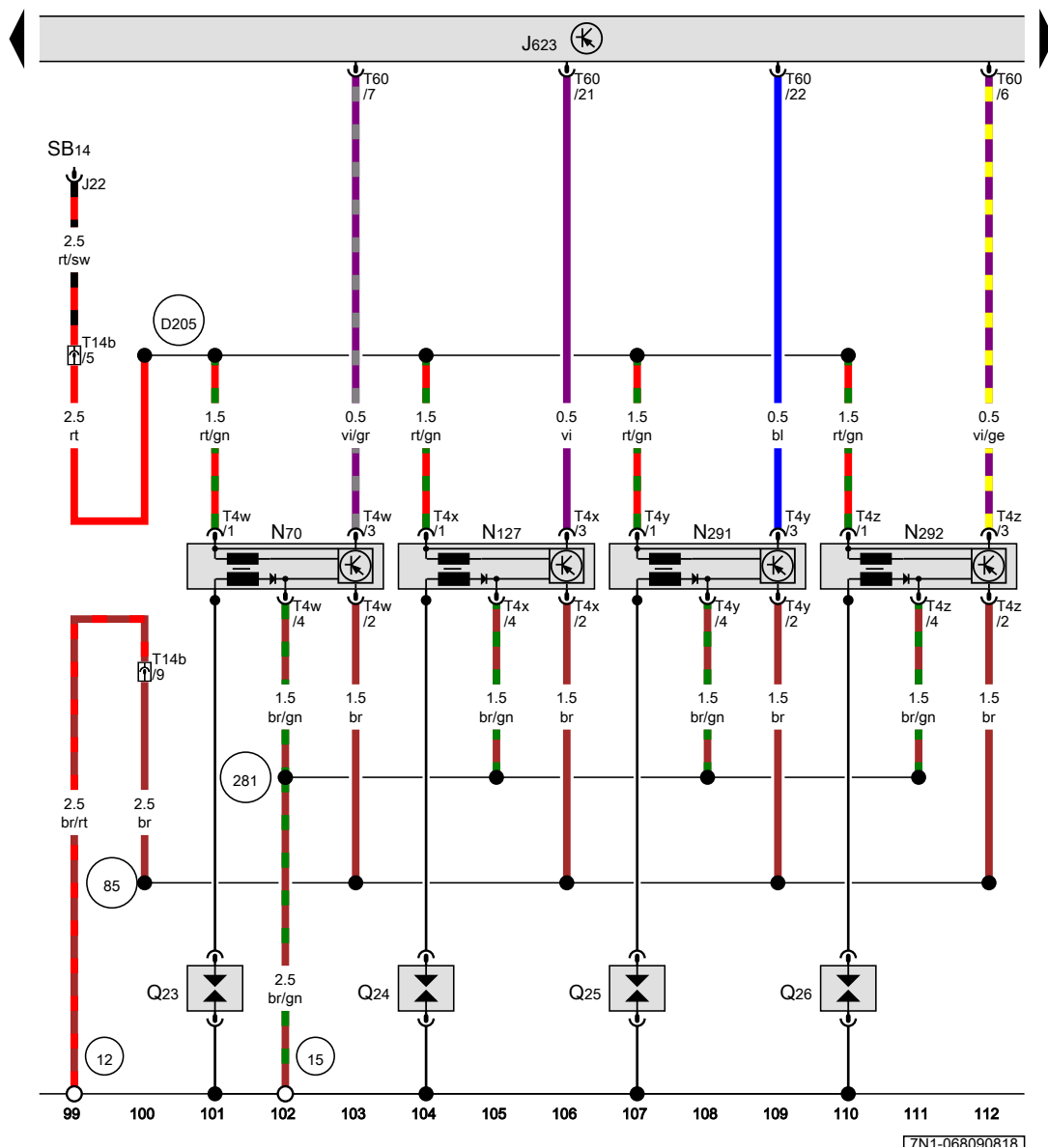
- A90 Connection (dual tone horn), in dash panel wiring harness
- A198 Positive connection 6 (30a) in dash panel wiring harness
- B319 Positive connection 5 (30a) in main wiring harness
- D104 Positive connection 2 (30a), in engine compartment wiring harness
- TV22 Terminal 30 wiring junction 2
- * For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

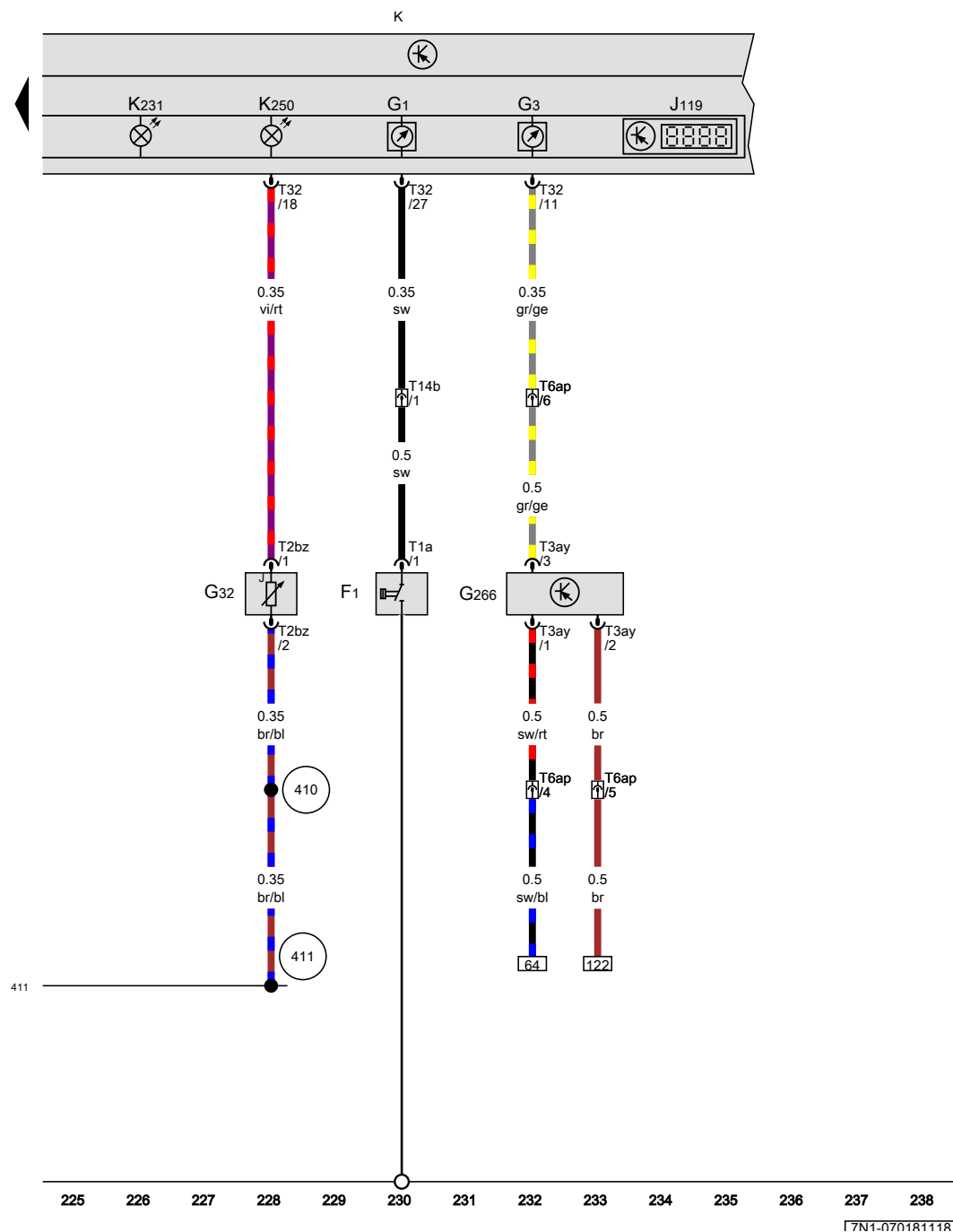
Engine/motor control unit, Ignition coil 1 with output stage, Ignition coil 2 with output stage, Ignition coil 3 with output stage, Ignition coil 4 with output stage

- 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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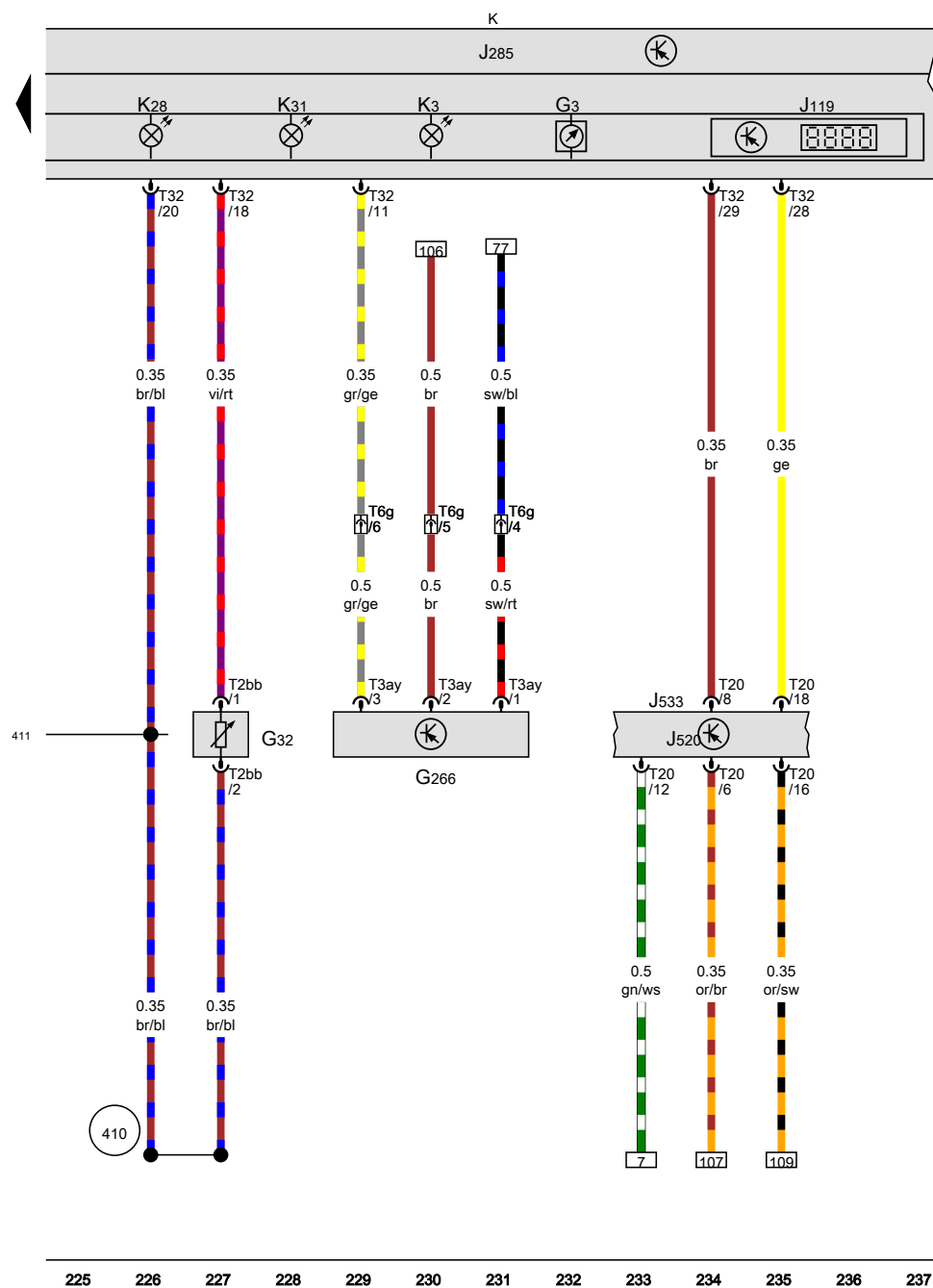
Oil pressure switch, Coolant shortage indicator sender, Oil level and oil temperature sender

- 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

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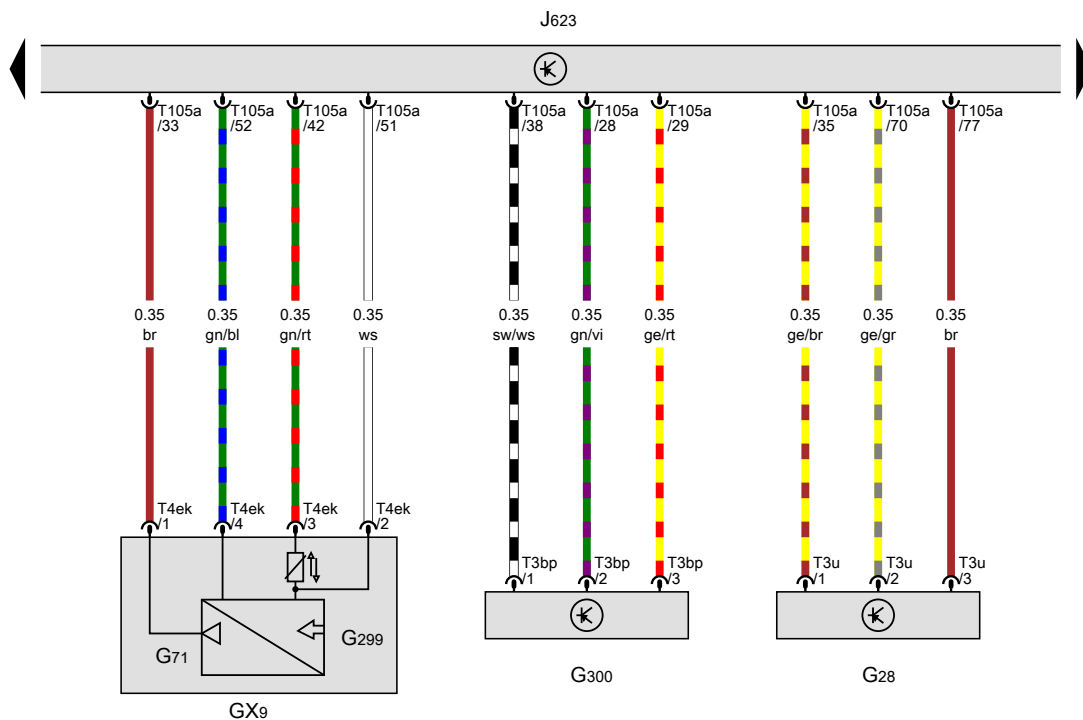


Coolant shortage indicator sender, Oil level and oil temperature sender, Control unit in dash panel insert, Onboard supply control unit 2, Data bus diagnostic interface

- 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
- 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

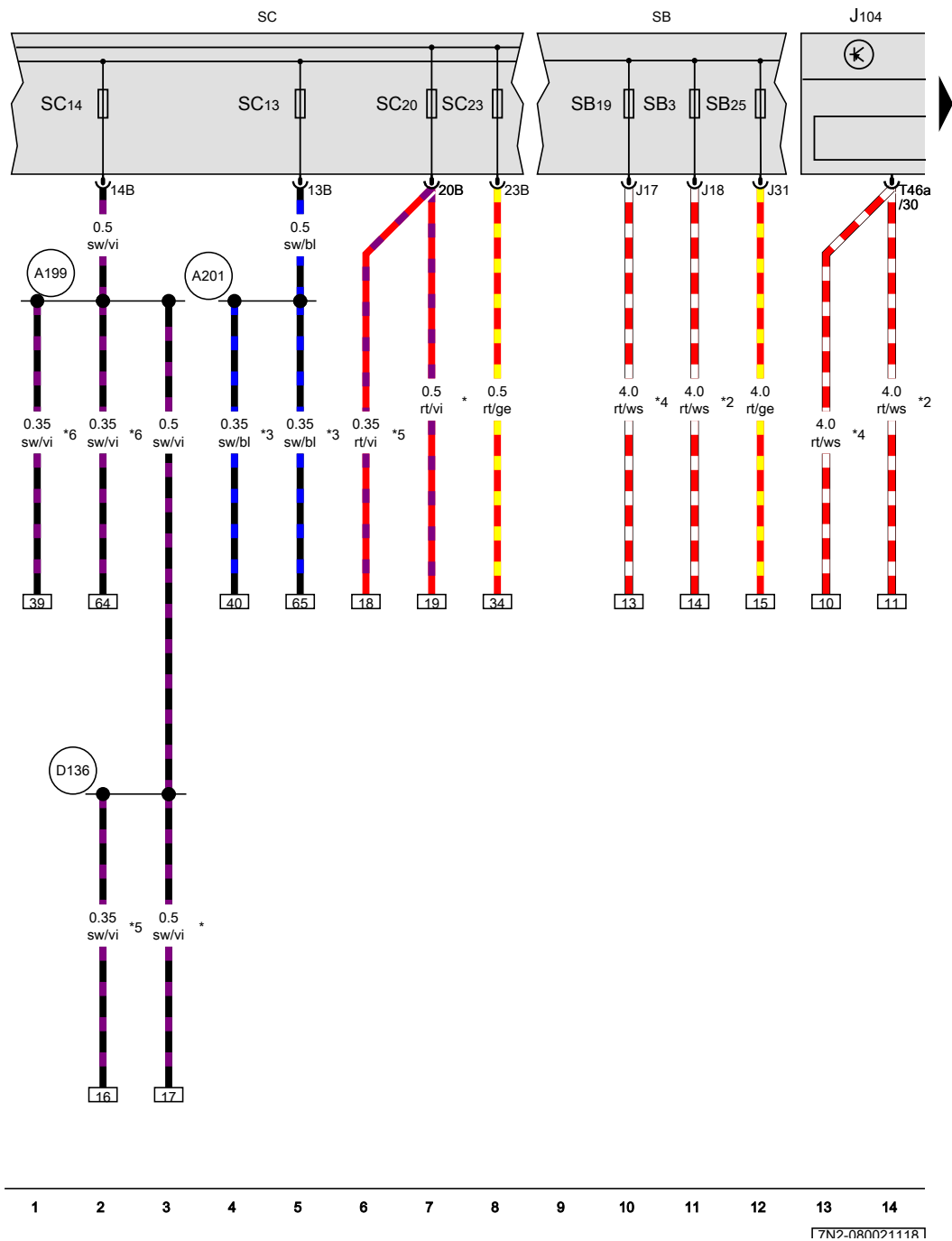
410 Earth connection 1 (sender earth) in main wiring harness

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



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



ABS control unit, Fuse holder B, Fuse holder C

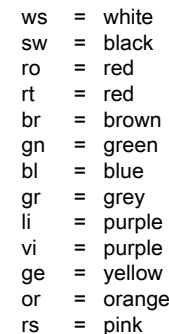
- J104 ABS control unit
- SB Fuse holder B
- SB3 Fuse 3 on fuse holder B
- SC Fuse holder C
- SC13 Fuse 13 on fuse holder C
- SC14 Fuse 14 on fuse holder C
- SB19 Fuse 19 on fuse holder B
- SC20 Fuse 20 on fuse holder C
- SC23 Fuse 23 on fuse holder C
- SB25 Fuse 25 on fuse holder B
- T46a 46-pin connector, 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

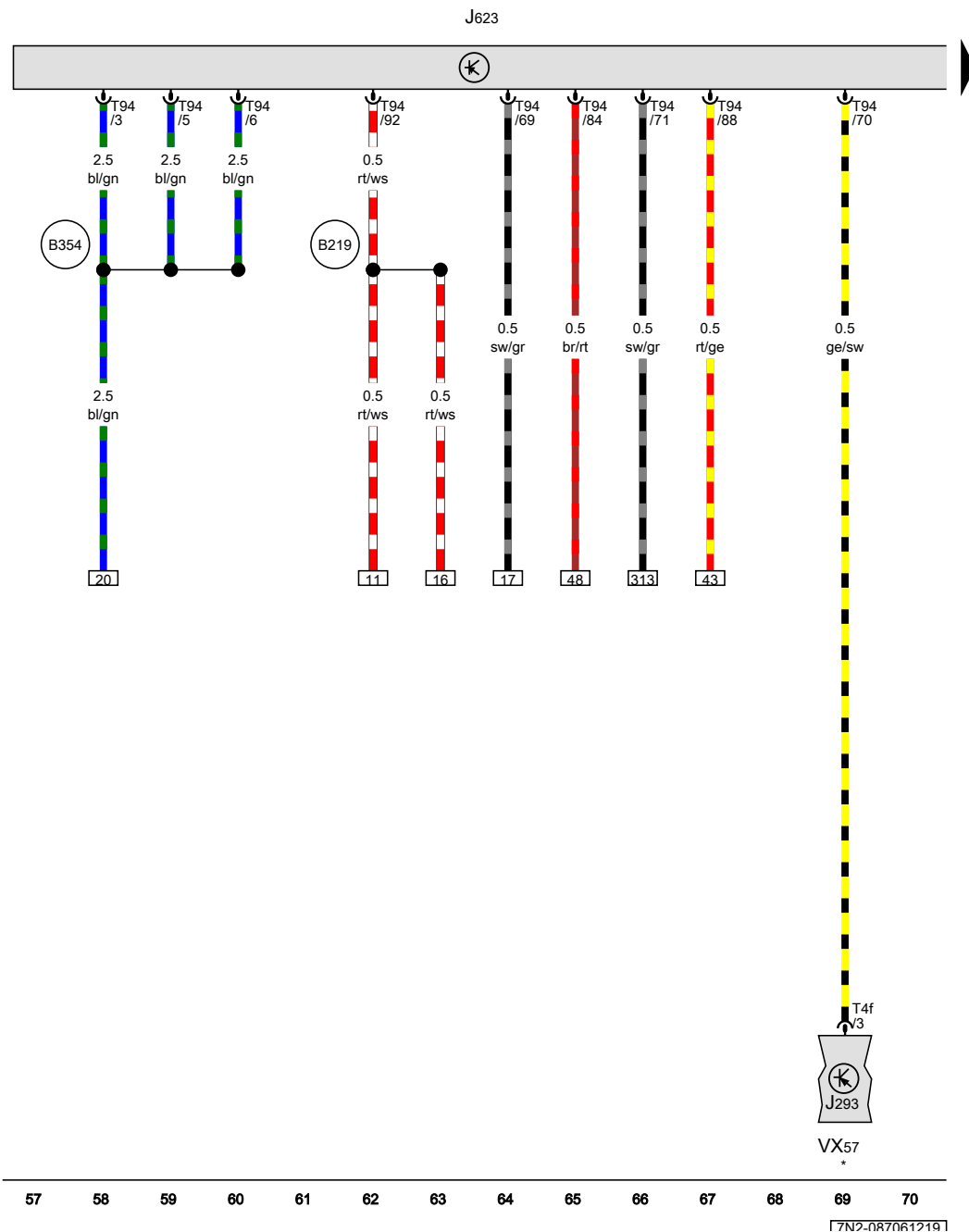


- * Up to November 2016
- *2 Up to May 2017
- *3 Up to November 2018
- *4 Cross-section 1.5 possible
- *5 From May 2017
- *6 From November 2016
- *7 From November 2018

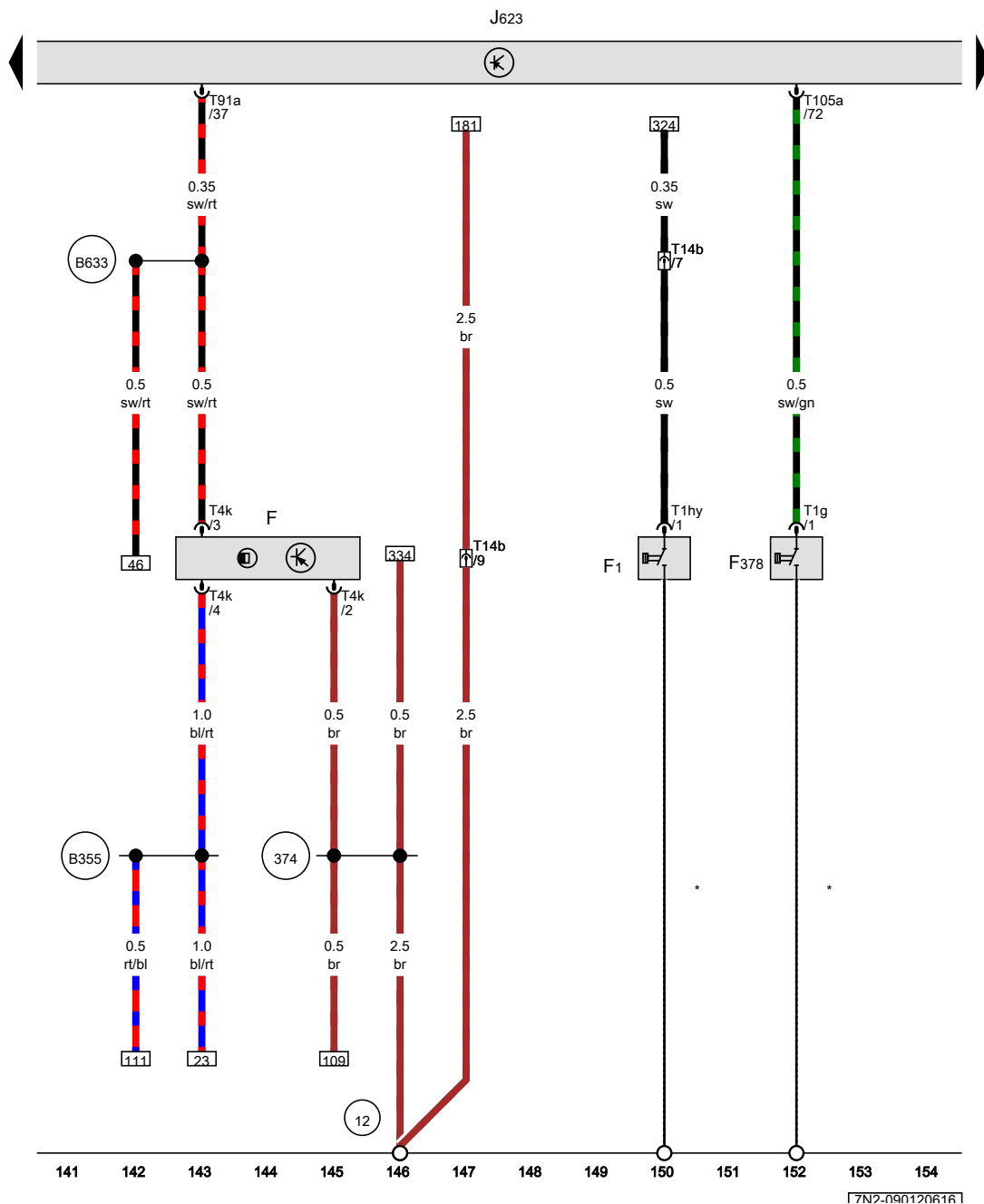
Engine/motor control unit, Radiator fan

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



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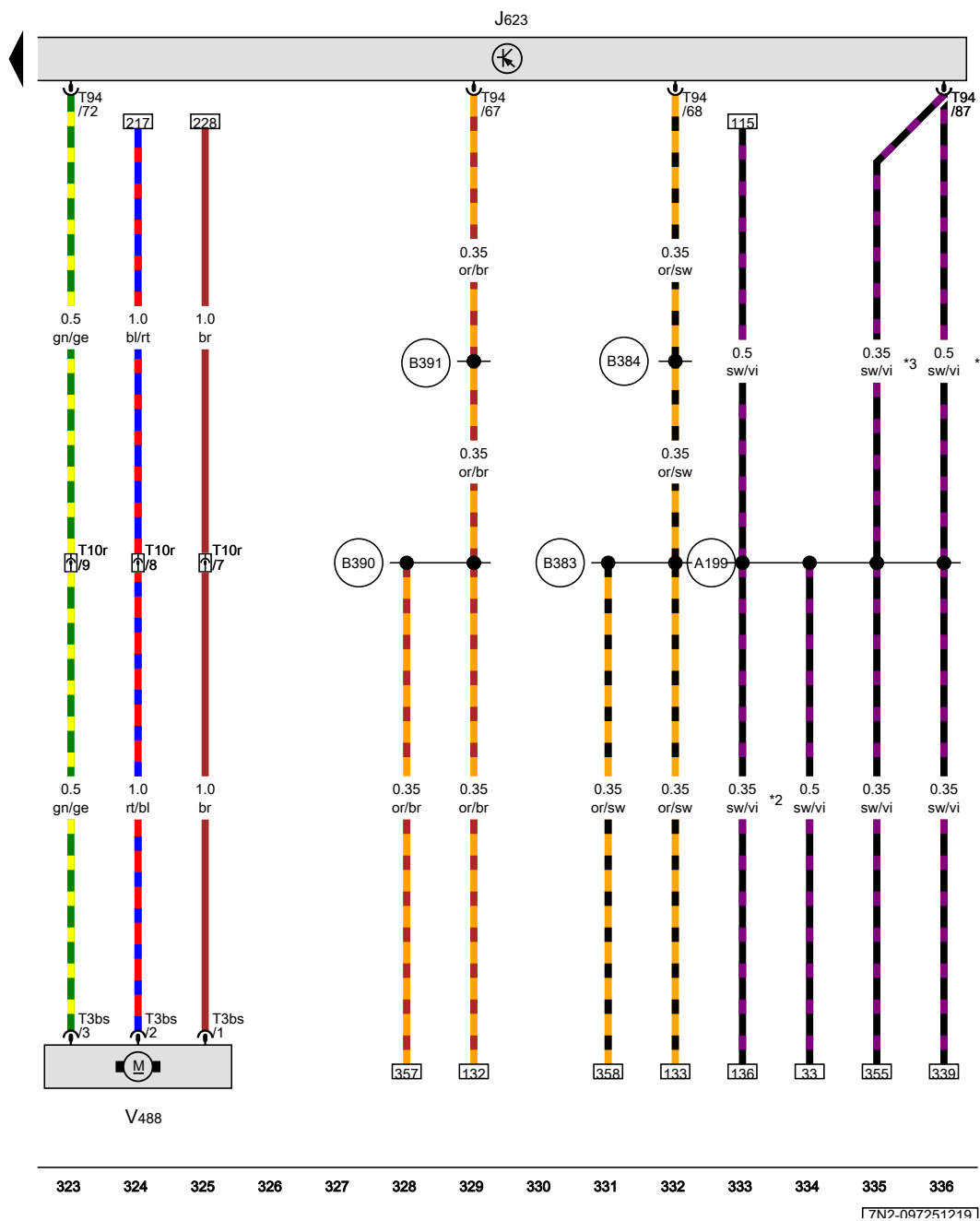


Brake light switch, Oil pressure switch, Oil pressure switch for reduced oil pressure, Engine control unit

- 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

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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

* Up to July 2018
*2 From November 2016
*3 From July 2018

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