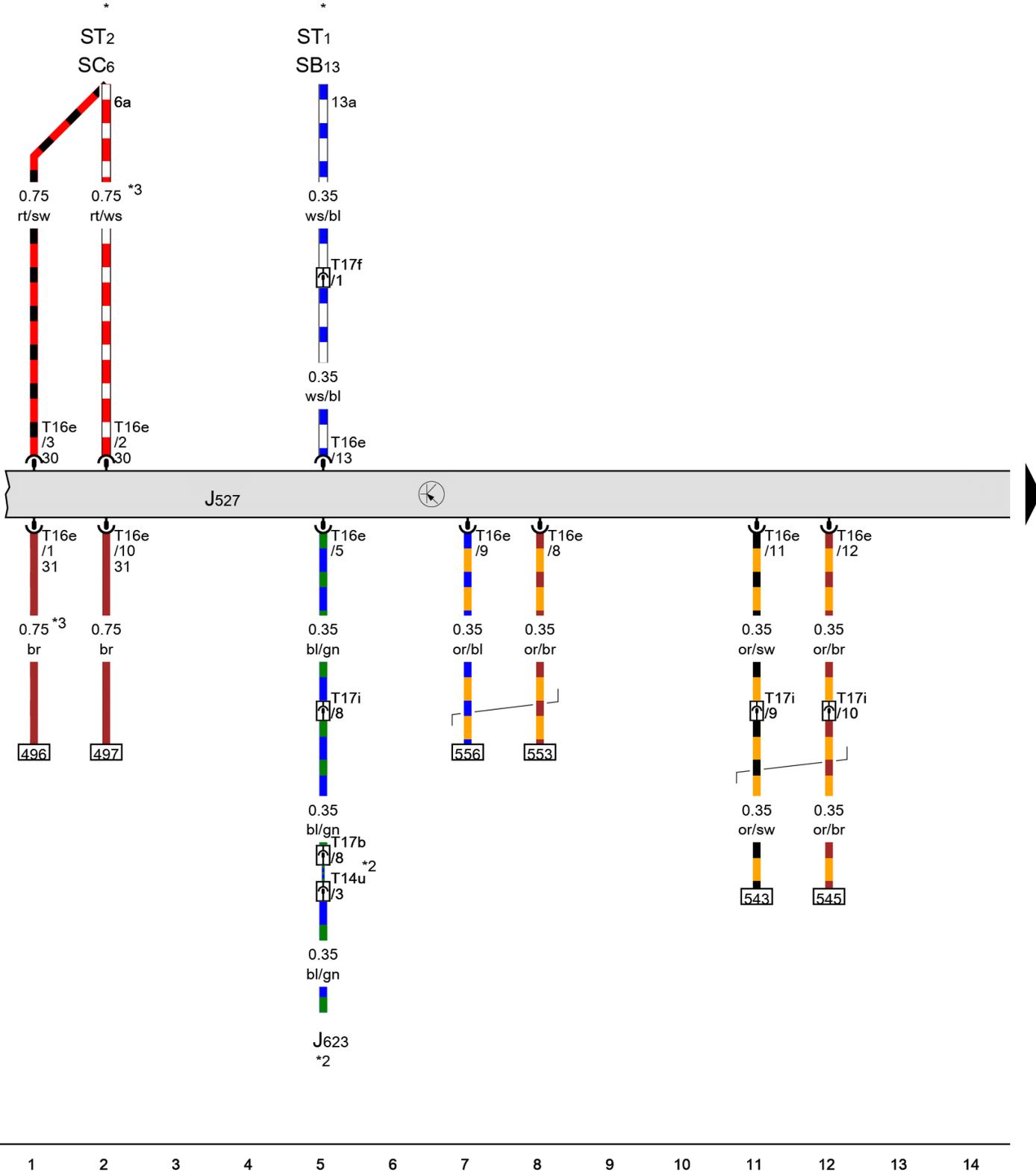


- | | | | | |
|------|---|----|---|--------|
| J527 | Steering column electronics control module | ws | = | white |
| J623 | Engine control module | sw | = | black |
| ST1 | Fuse panel 1 | ro | = | red |
| ST2 | Fuse panel 2 | rt | = | red |
| SC6 | Fuse 6 (on fuse panel C) | br | = | brown |
| SB13 | Fuse 13 (on fuse panel B) | gn | = | green |
| T14u | 14-pin connector, Left plenum chamber E-box connector station | bl | = | blue |
| T16e | 16-pin connector | gr | = | grey |
| T17b | 17-pin connector, Left plenum chamber E-box connector station | li | = | lilac |
| T17f | 17-pin connector, in the left A-pillar connector station | vi | = | lilac |
| T17i | 17-pin connector, in the left A-pillar connector station | ge | = | yellow |
| * | Refer to applicable wiring diagram for fuse positions | or | = | orange |
| *2 | Refer to applicable engine wiring diagram | rs | = | pink |
| *3 | Only for vehicles with a heated steering wheel | | | |



J527 Steering column electronics control module

J623 Engine control module

ST1 Fuse panel 1

ST2 Fuse panel 2

SC6 Fuse 6 (on fuse panel C)

SB13 Fuse 13 (on fuse panel B)

T14u 14-pin connector, Left plenum chamber E-box connector station

T16e 16-pin connector

T17b 17-pin connector, Left plenum chamber E-box connector station

T17f 17-pin connector, in the left A-pillar connector station

T17i 17-pin connector, in the left A-pillar connector station

* Refer to applicable wiring diagram for fuse positions

*2 Refer to applicable engine wiring diagram

*3 Only for vehicles with a heated steering wheel

ws = white

sw = black

ro = red

rt = red

br = brown

gn = green

bl = blue

gr = grey

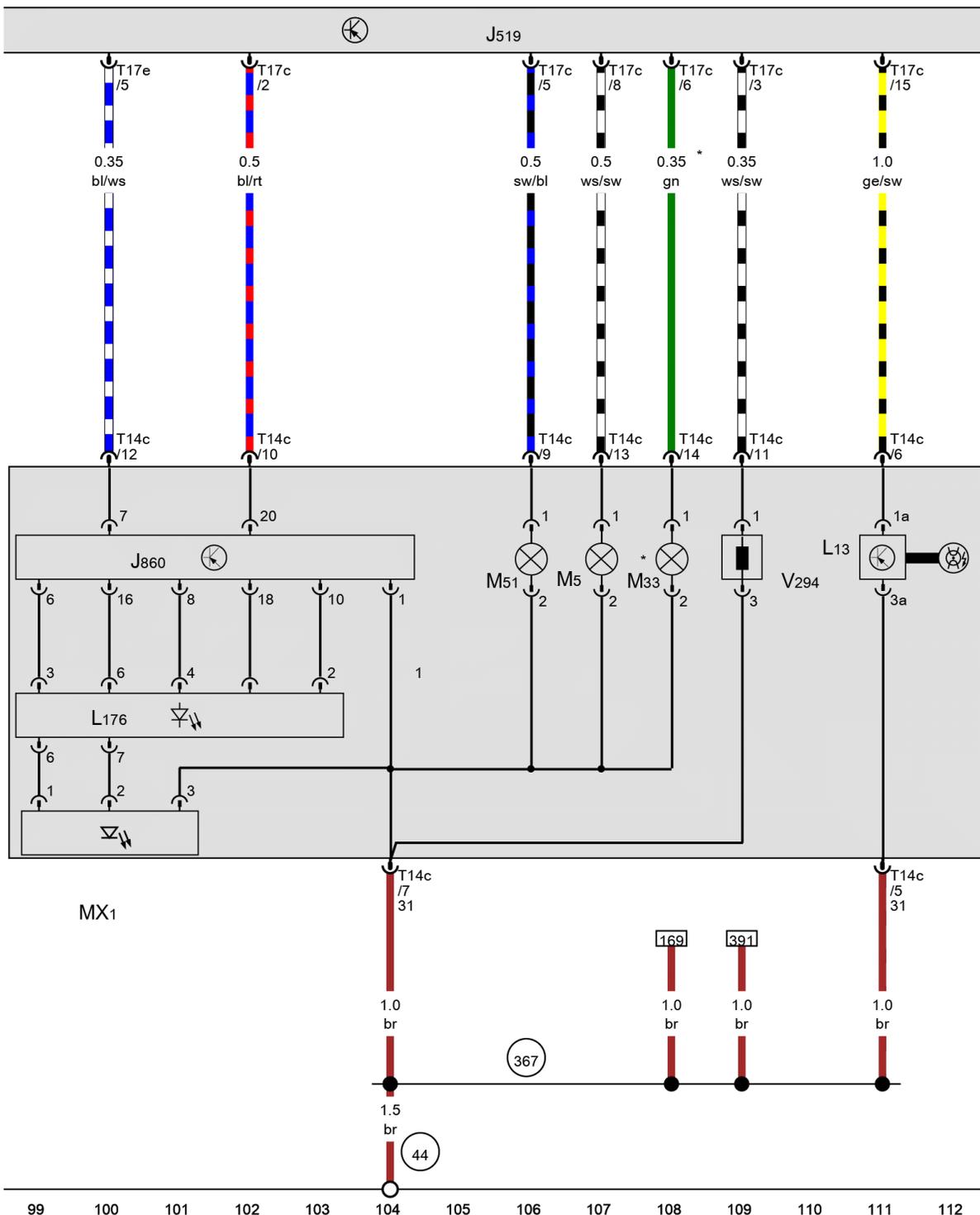
li = lilac

vi = lilac

ge = yellow

or = orange

rs = pink

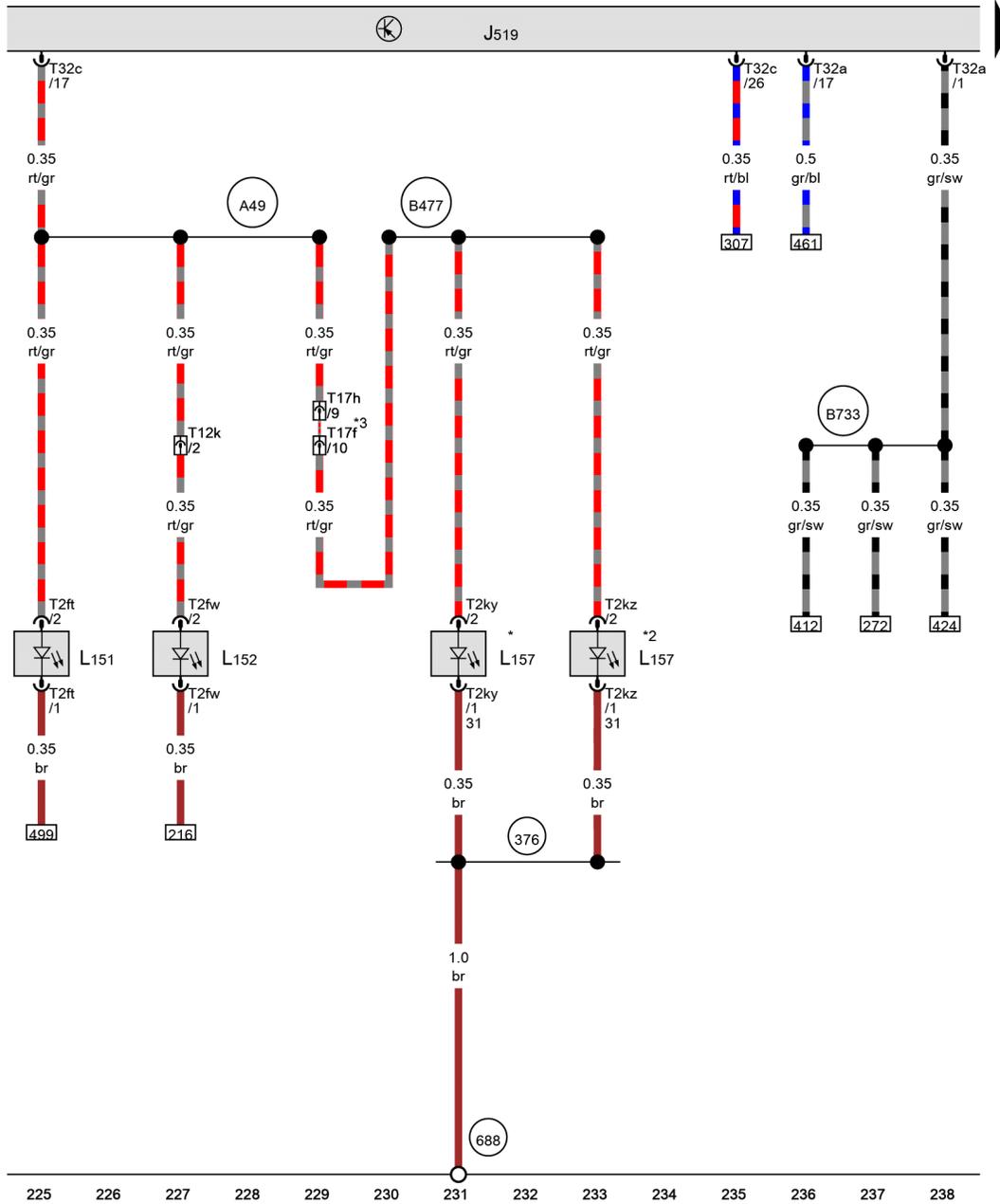


- J519 Vehicle electrical control module system
- J860 Left daytime running lamp and position lamp control module
- L13 Left HID headlamp bulb
- L176 Left daytime running lamp and position lamp LED module
- MX1 Left front headlamp
- M5 Left front turn signal bulb
- M33 Left front side marker lamp bulb
- M51 Left stationary cornering lamp
- T14c 14-pin connector
- T17c 17-pin connector
- T17e 17-pin connector
- V294 Left low beam headlamp reflector motor

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

- 44 Ground connection on A-pillar, lower left
- 367 Ground connection 2 (in main wiring harness)

* USA only

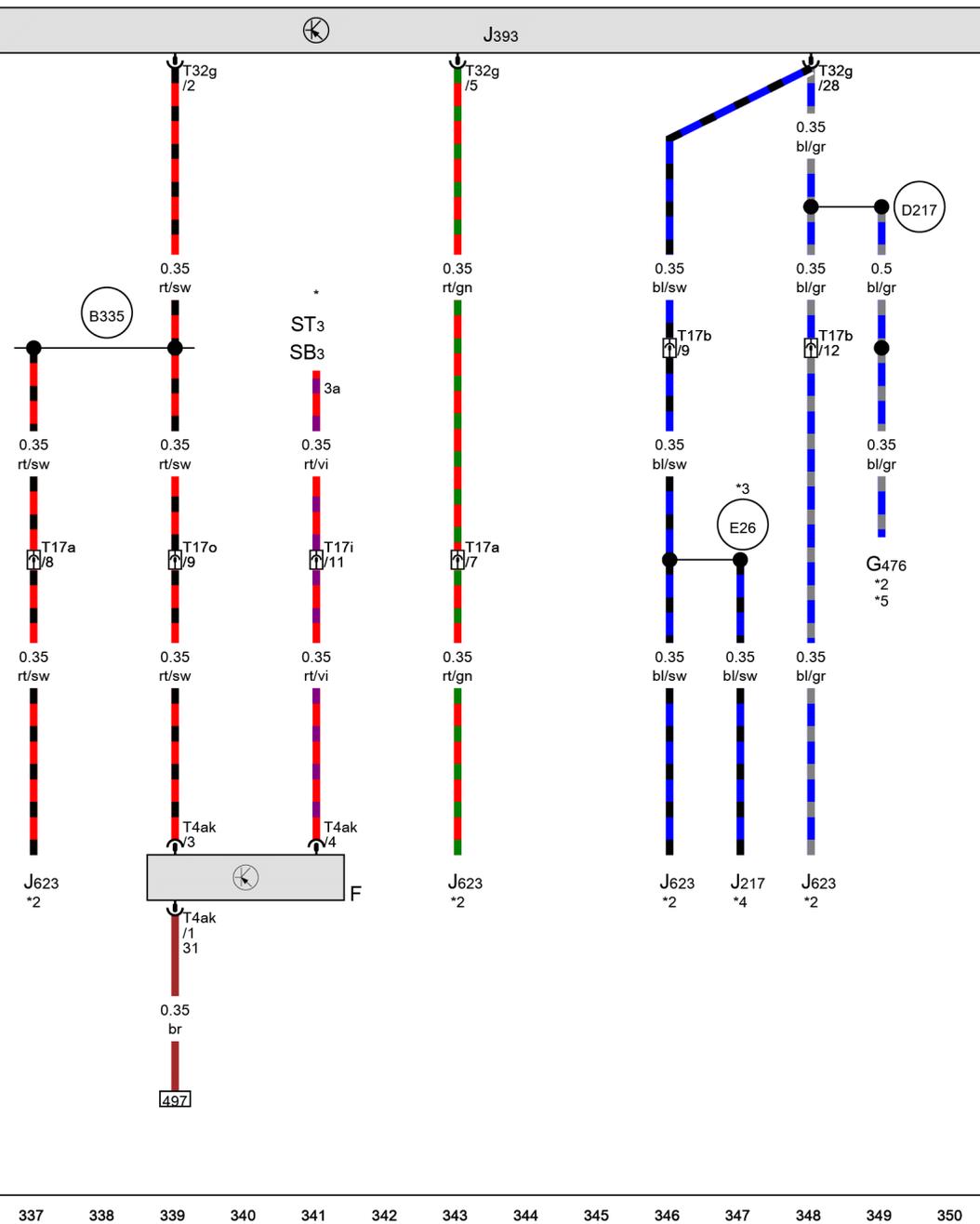


- J519 Vehicle electrical control module system
- L151 Left front footwell illumination bulb
- L152 Right front footwell illumination bulb
- L157 Center armrest illumination bulb
- T2ft Double connector
- T2fw Double connector
- T2ky Double connector
- T2kz Double connector
- T12k 12-pin connector, behind the glove compartment
- T17f 17-pin connector, in the left A-pillar connector station
- T17h 17-pin connector, in the left A-pillar connector station
- T32a 32-pin connector
- T32c 32-pin connector

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

- 376 Ground connection 11 (in main wiring harness)
- 688 Ground connection 2 on center tunnel
- A49 Connection 1 (in instrument panel wiring harness)
- B477 Connection 13 (in main wiring harness)
- B733 Connection 58s (in main wiring harness) 3

- * Left
- *2 Right
- *3 Depending on equipment



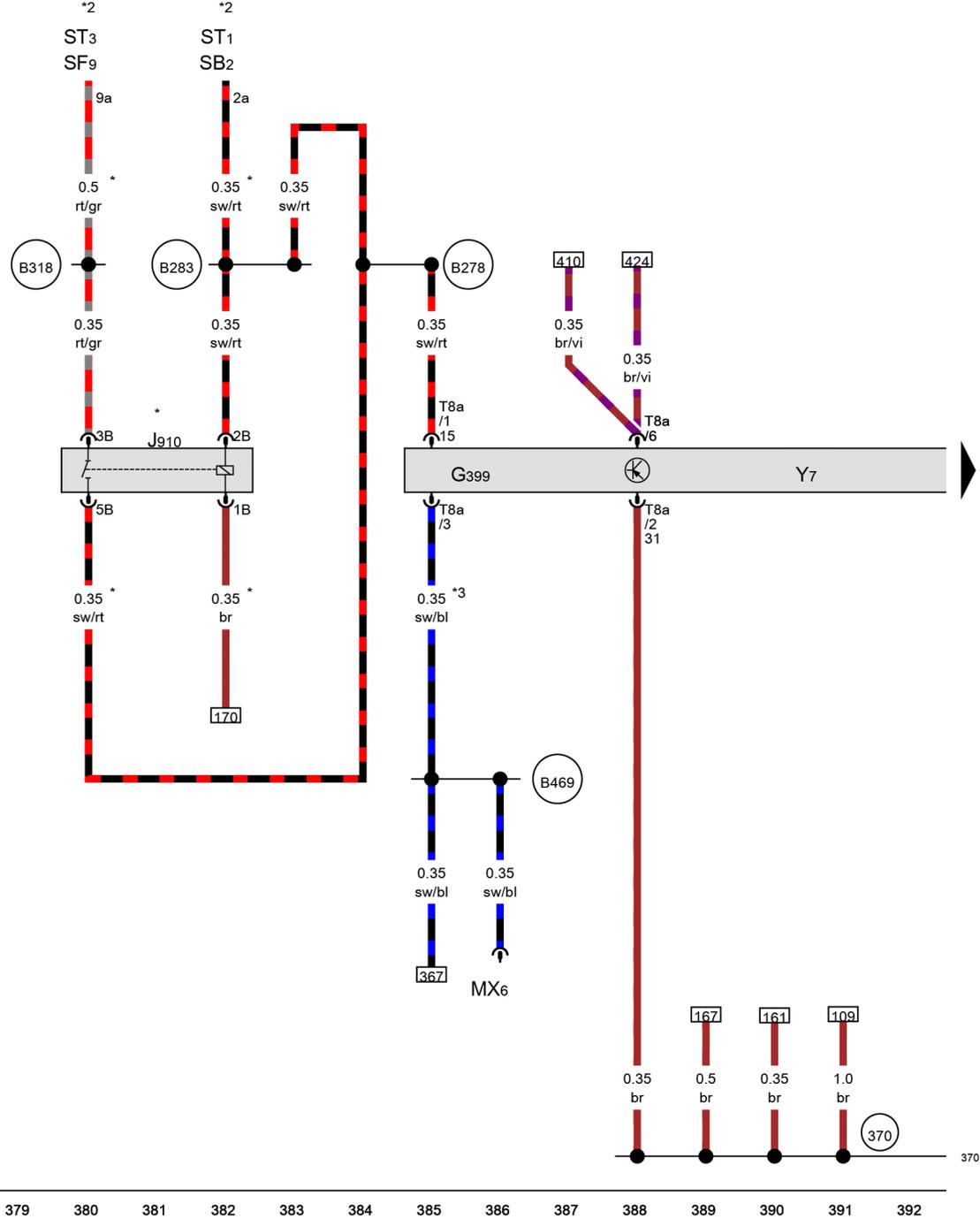
- | | | | |
|------|---|----|----------|
| F | Brake lamp switch | ws | = white |
| G476 | Clutch position sensor | sw | = black |
| J217 | Transmission control module | ro | = red |
| J393 | Comfort system central control module | rt | = red |
| J623 | Engine control module | br | = brown |
| ST3 | Fuse panel 3 | gn | = green |
| SB3 | Fuse 3 (on fuse panel B) | bl | = blue |
| T4ak | 4-pin connector | gr | = grey |
| T17a | 17-pin connector, Left plenum chamber E-box connector station | li | = lilac |
| T17b | 17-pin connector, Left plenum chamber E-box connector station | vi | = lilac |
| T17i | 17-pin connector, in the left A-pillar connector station | ge | = yellow |
| T17o | 17-pin connector, in the connector station, right A-pillar | or | = orange |
| T32g | 32-pin connector | rs | = pink |

B335 Connection 54 (in main wiring harness) 1

D217 Selector lever P/N position connection (in main wiring harness)

E26 Selector lever P/N position connection (in Motronic multiform fuel injection wiring harness)

- * Refer to applicable wiring diagram for fuse positions
- *2 Refer to applicable engine wiring diagram
- *3 Only for vehicles with automatic transmission
- *4 Refer to applicable wiring diagram for automatic transmission
- *5 Only for vehicles with a manual transmission



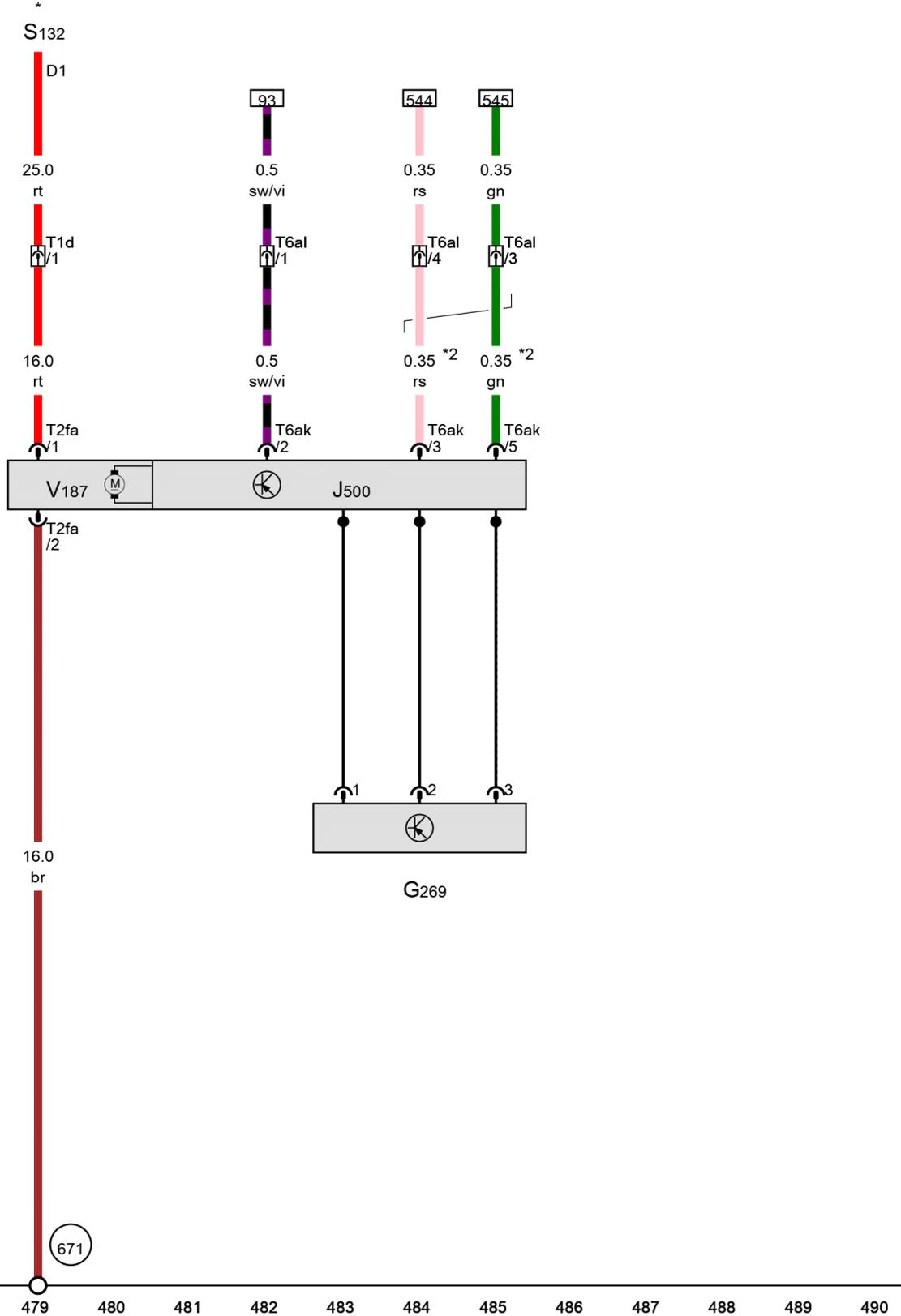
379 380 381 382 383 384 385 386 387 388 389 390 391 392

- G399 Light recognition sensor
- J910 Automatic dimming interior rearview mirror relay
- MX6 Right tail lamp 2
- ST1 Fuse panel 1
- SB2 Fuse 2 (on fuse panel B)
- ST3 Fuse panel 3
- SF9 Fuse 9 (on fuse panel F)
- T8a 8-pin connector
- Y7 Automatic dimming interior rearview mirror

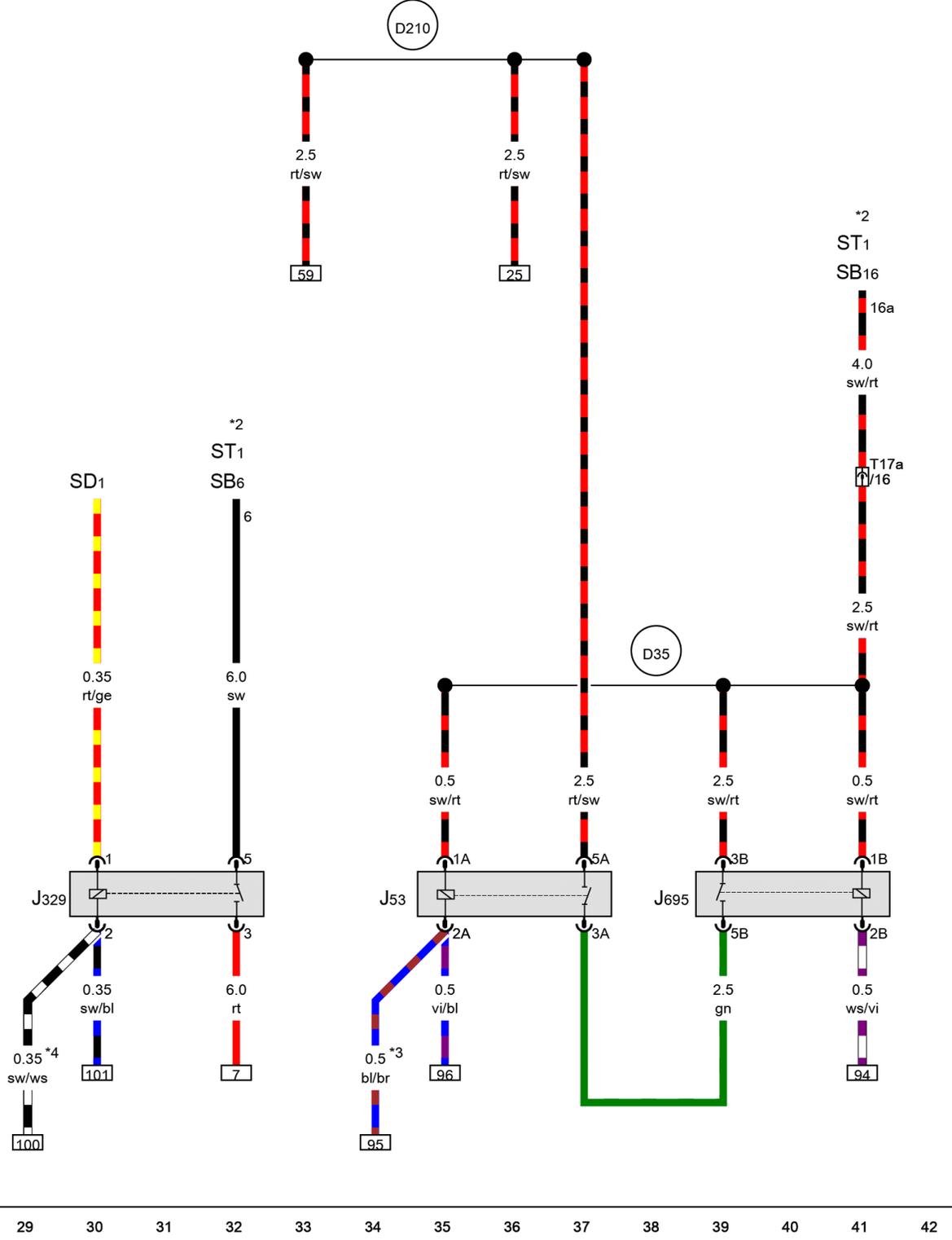
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = lilac
- vi = lilac
- ge = yellow
- or = orange
- rs = pink

- 370 Ground connection 5 (in main wiring harness)
- B278 Positive connection 2 (15a) (in main wiring harness)
- B283 Positive connection 7 (15a) (in main wiring harness)
- B318 Positive connection 4 (30a) (in main wiring harness)
- B469 Connection 5 (in main wiring harness)

* Only for vehicles with automatic dimming interior rearview mirror
 *2 Refer to applicable wiring diagram for fuse positions
 *3 Only for vehicles without high beam assist



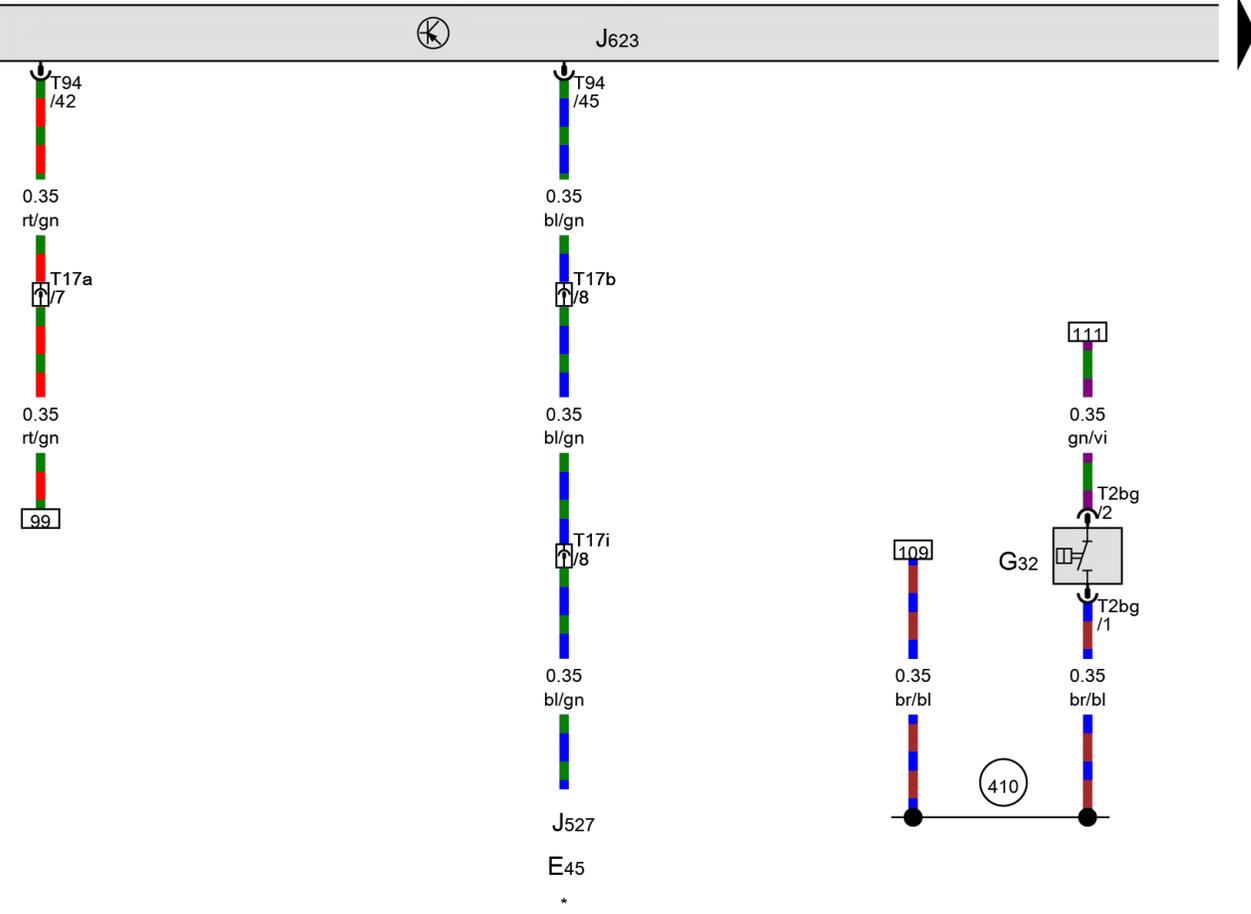
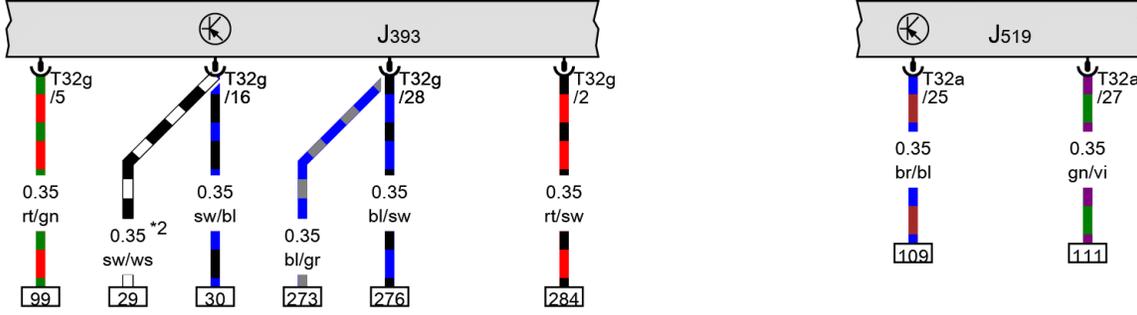
- | | | | | |
|------|---|----|---|--------|
| G269 | Steering torque sensor | ws | = | white |
| J500 | Power steering control module | sw | = | black |
| S132 | Safety fuse 2 | ro | = | red |
| T1d | Single connector, on the left front of the vehicle floor | rt | = | red |
| T2fa | Double connector | br | = | brown |
| T6ak | 6-pin connector | gn | = | green |
| T6al | 6-pin connector, under the left front wheel housing cover | bl | = | blue |
| V187 | Electromechanical power steering motor | gr | = | grey |
| 671 | Ground connection 1 on left front longitudinal member | li | = | lilac |
| * | Refer to applicable wiring diagram for fuse positions | vi | = | lilac |
| *2 | Data bus wire (FlexRay bus) | ge | = | yellow |
| | | or | = | orange |
| | | rs | = | pink |



- J53 Starter relay
- J329 Terminal 15 power supply relay
- J695 Relay 2 for starter
- ST1 Fuse panel 1
- SD1 Fuse 1 (on fuse panel D)
- SB6 Fuse 6 (on fuse panel B)
- SB16 Fuse 16 (on fuse panel B)
- T17a 17-pin connector, Left plenum chamber E-box connector station
- D35 Positive connection 1 (15a) (in engine pre-wiring harness)
- D210 Connection 50 (in engine compartment wiring harness)

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

- * Refer to applicable standard equipment wiring diagram
- *2 Refer to applicable wiring diagram for fuse positions
- *3 Running change
- *4 Only for right-hand drive vehicles



99 100 101 102 103 104 105 106 107 108 109 110 111 112

- E45 Cruise control switch
- G32 Engine coolant level sensor
- J393 Comfort system central control module
- J519 Vehicle electrical system control module
- J527 Steering column electronics control module
- J623 Engine control module
- T2bg Double connector
- T17a 17-pin connector, Left plenum chamber E-box connector station
- T17b 17-pin connector, Left plenum chamber E-box connector station
- T17i 17-pin connector, in the left A-pillar connector station
- T32a 32-pin connector
- T32g 32-pin connector
- T94 94-pin connector

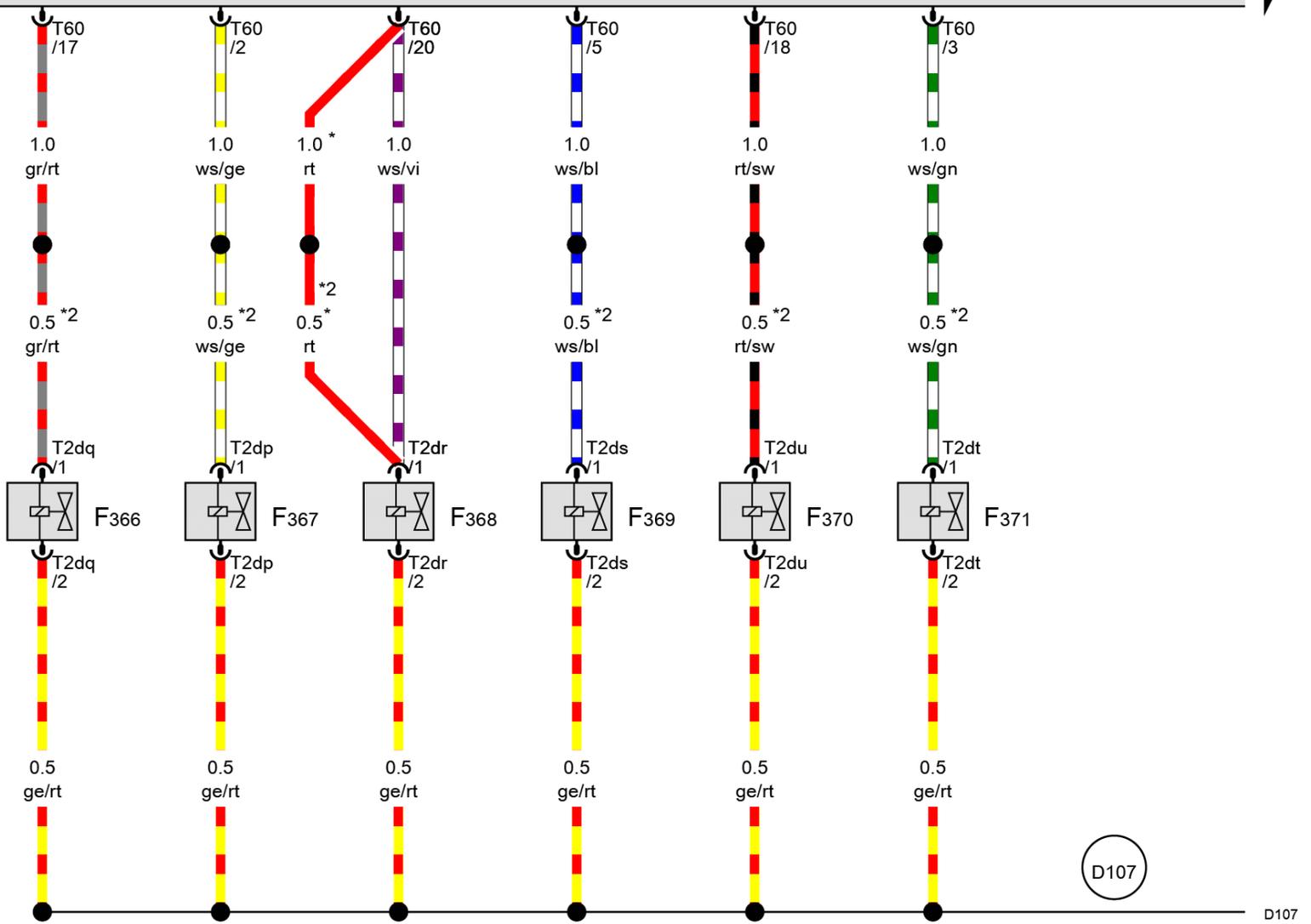
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = lilac
- vi = lilac
- ge = yellow
- or = orange
- rs = pink

410 Sensor ground connection 1 (in main wiring harness)

* Only for vehicles with cruise control
 *2 Only for right-hand drive vehicles



J623



D107

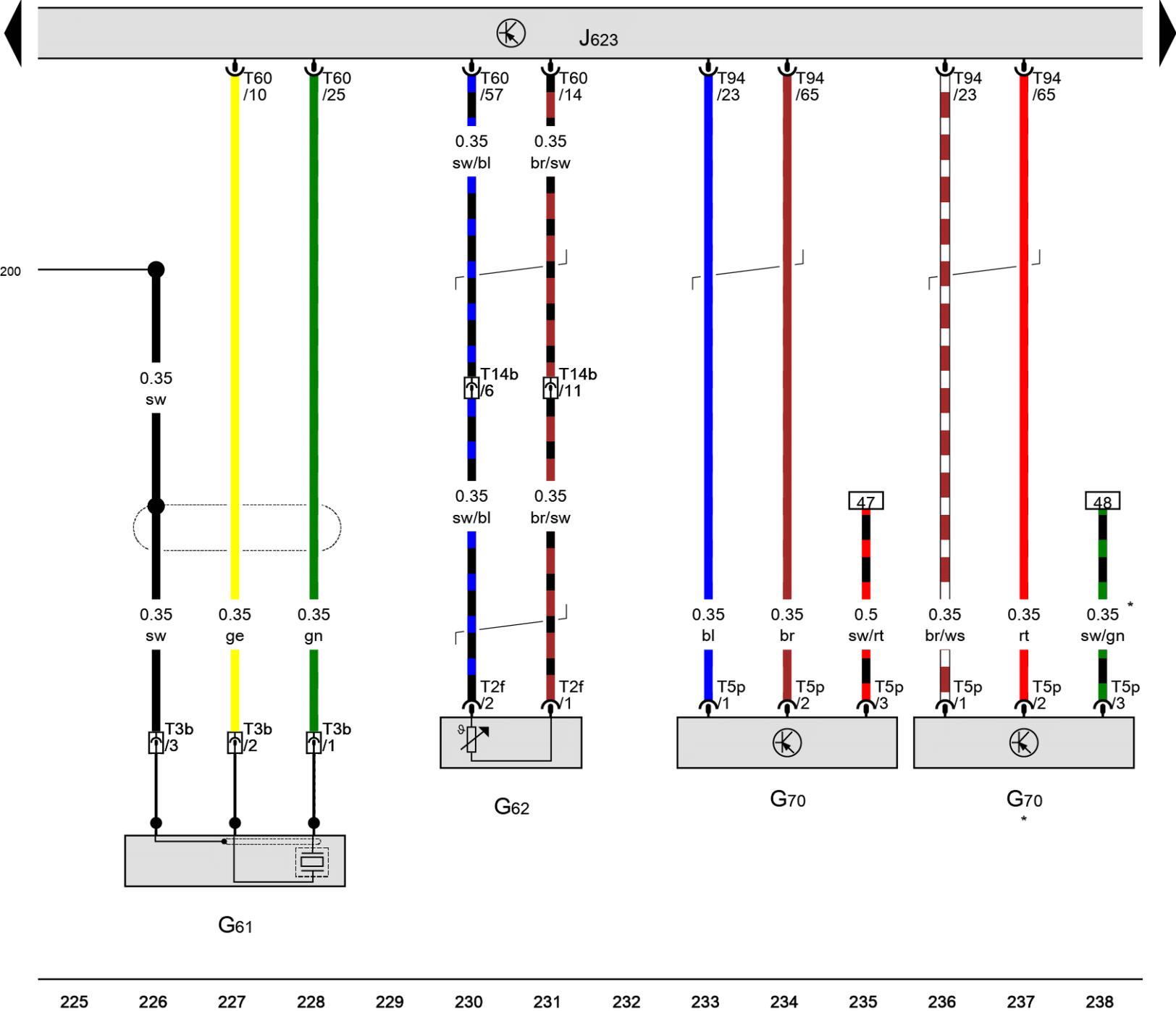
141 142 143 144 145 146 147 148 149 150 151 152 153 154

F366 Cam adjustment actuator 1
 F367 Cam adjustment actuator 2
 F368 Cam adjustment actuator 3
 F369 Cam adjustment actuator 4
 F370 Cam adjustment actuator 5
 F371 Cam adjustment actuator 6
 J623 Engine control module
 T2dp Double connector
 T2dq Double connector
 T2dr Double connector
 T2ds Double connector
 T2dt Double connector
 T2du Double connector
 T60 60-pin connector

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

D107 Connection 5 (in engine compartment wiring harness)

* Running change
 *2 Diameter depends on equipment

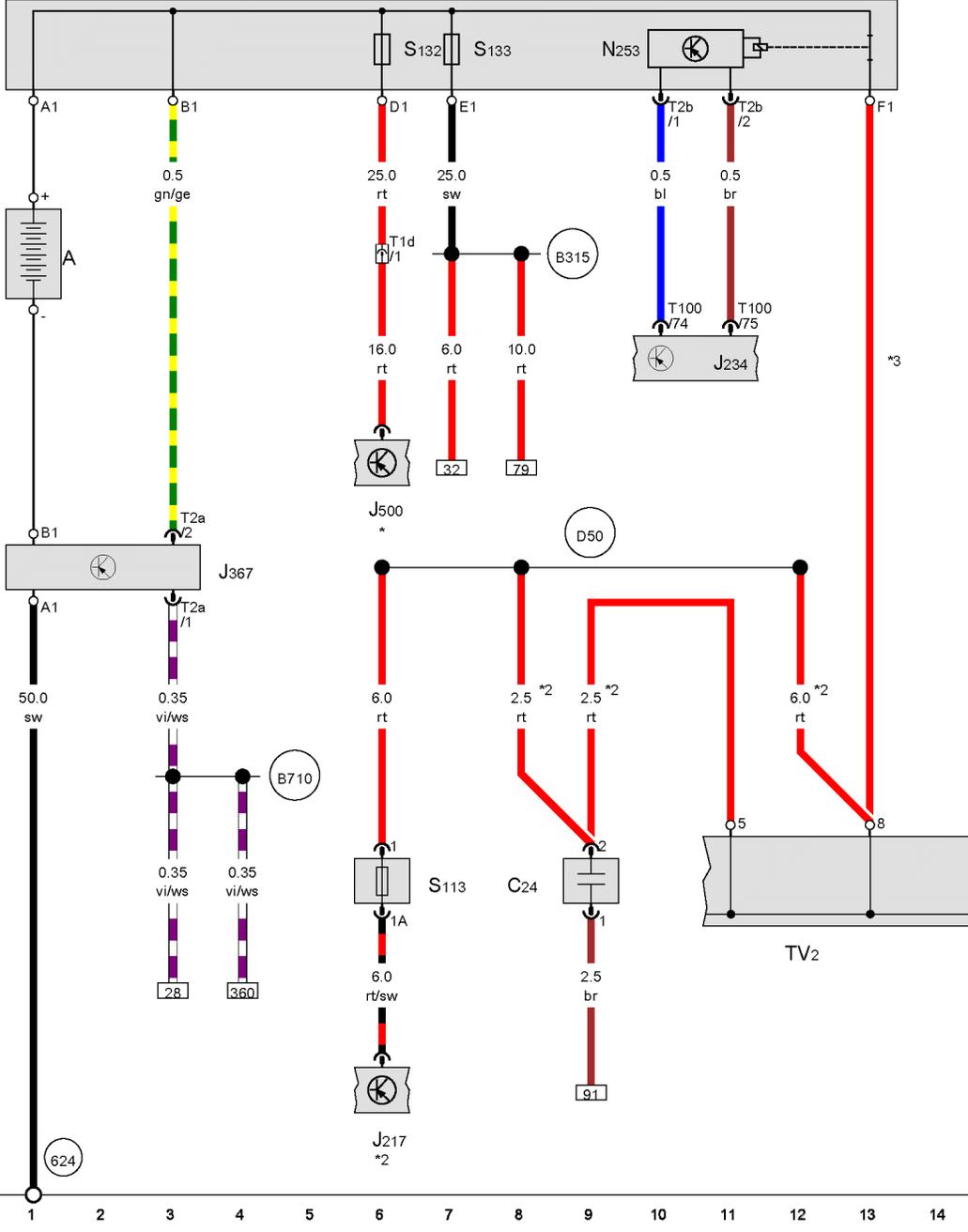


- G61 Knock sensor 1
- G62 Engine coolant temperature sensor
- G70 Mass airflow sensor
- J623 Engine control module
- T2f Double connector
- T3b 3-pin connector, green
- T5p 5-pin connector
- T14b 14-pin connector, in the engine compartment, left
- T60 60-pin connector
- T94 94-pin connector

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

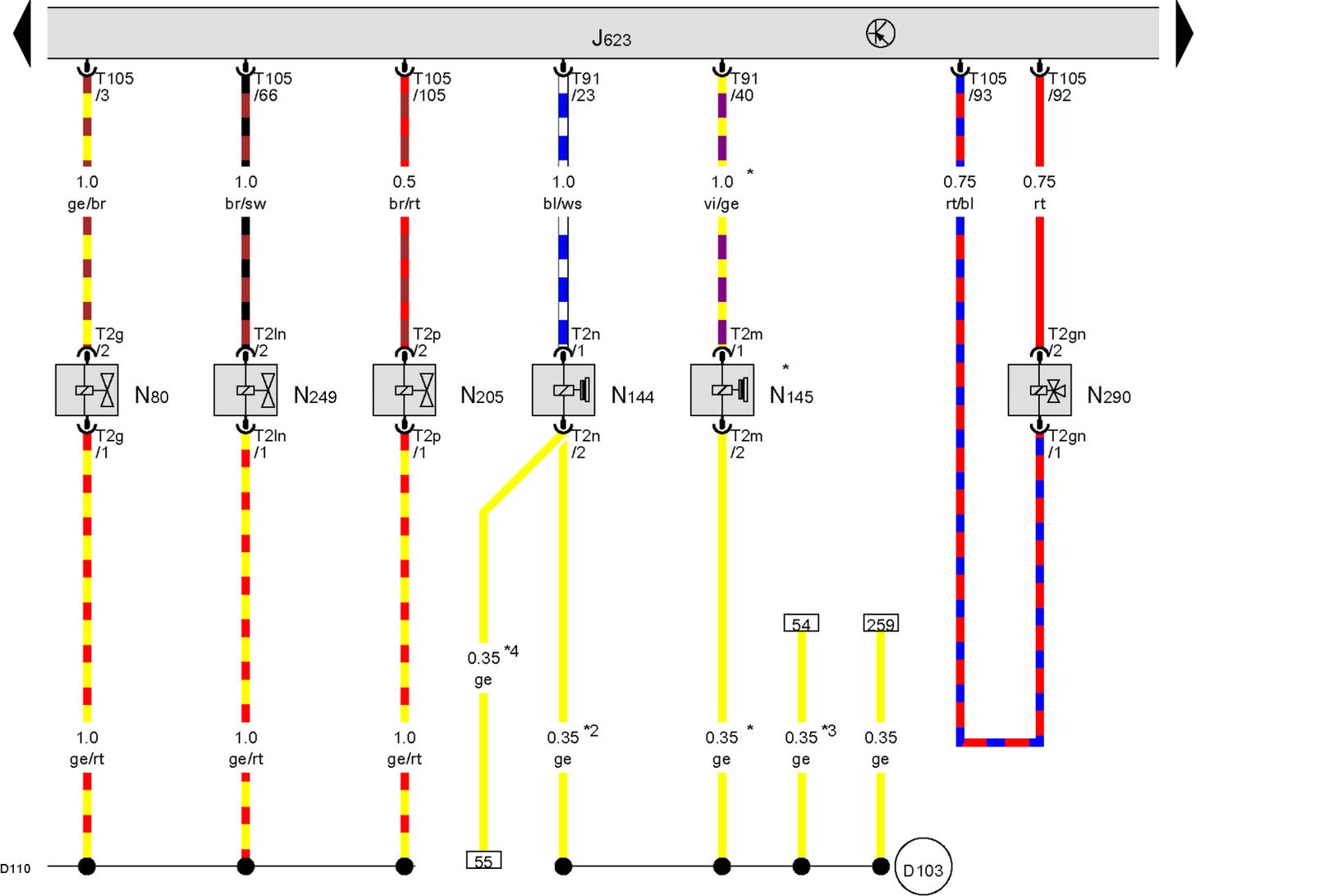
200 Ground connection shielding (in engine compartment wiring harness)

* Running change



- A Battery
- C24 Suppressor
- J217 Transmission Control Module
- J234 Airbag Control Module
- J367 Battery Monitoring Control Module
- J500 Power Steering Control Module
- N253 Battery Interrupt Igniter, Near the Battery
- S113 Automatic Transmission Control Module Fuse
- S132 Safety Fuse 2
- S133 Safety Fuse 3
- T1d 1-Pin Connector, On the Left Front of the Vehicle Floor, Black
- T2a 2-Pin Connector
- T2b 2-Pin Connector, Yellow
- TV2 Terminal 30 Wire Junction
- T100 100-Pin Connector, Yellow
- 624 Ground Connection near Starter Battery
- B315 Positive Connection 1 (30a) (in Main Wiring Harness)
- B710 LIN Bus Connection 5 (in Main Wiring Harness)
- D50 Positive Connection (30) (in Engine Compartment Wiring Harness)
- * Refer to Applicable Wiring Diagram
- *2 Refer to Applicable Wiring Diagram for Automatic Transmission
- *3 Flat Conductor

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



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

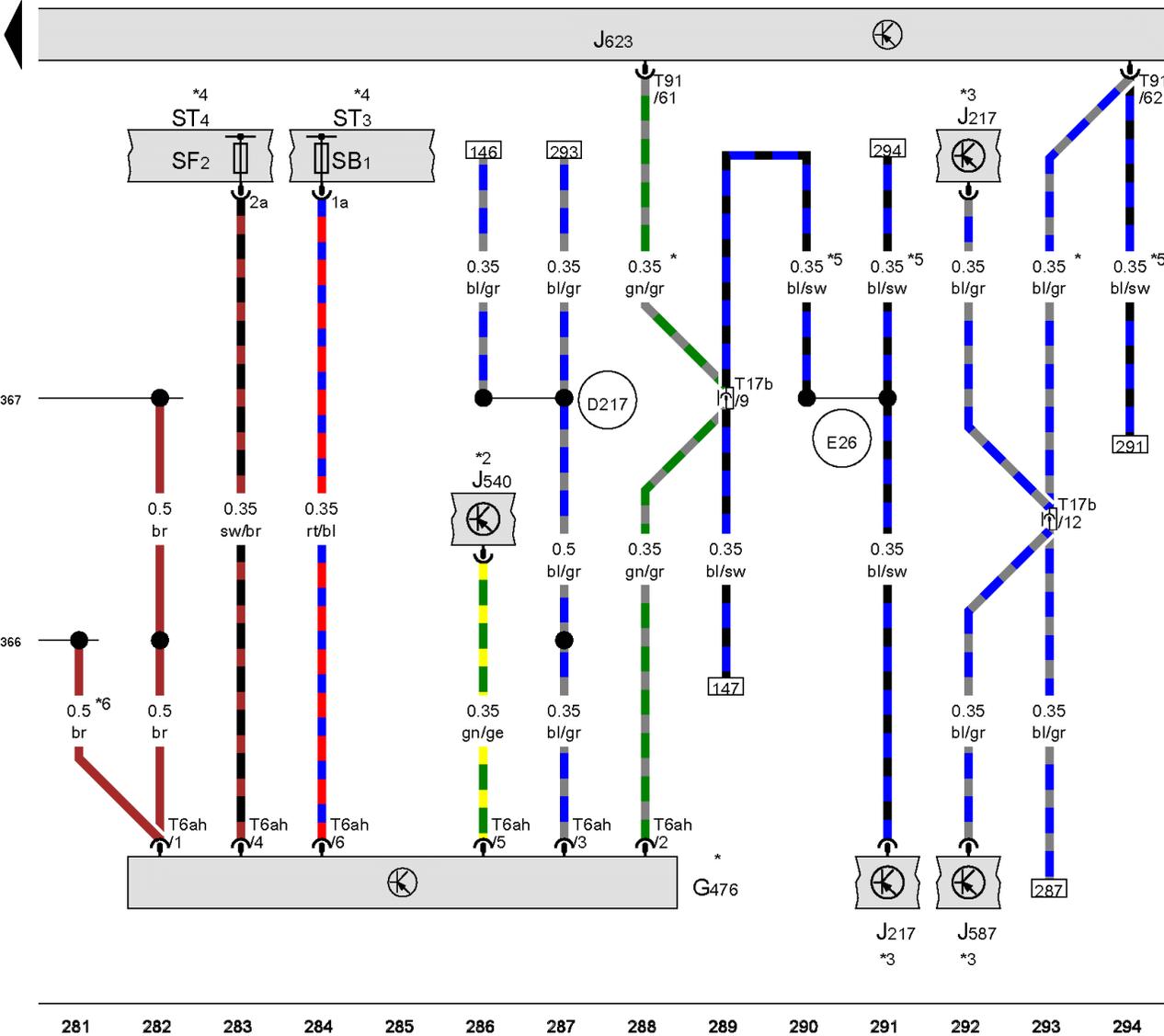
- J623 Engine Control Module
- N80 EVAP Canister Purge Regulator Valve 1
- N144 Left Electrohydraulic Engine Mount Solenoid Valve
- N145 Right Electrohydraulic Engine Mount Solenoid Valve
- N205 Camshaft Adjustment Valve 1
- N249 Turbocharger Recirculation Valve
- N290 Fuel Metering Valve
- T2g 2-Pin Connector
- T2gn 2-Pin Connector
- T2ln 2-Pin Connector
- T2m 2-Pin Connector
- T2n 2-Pin Connector
- T2p 2-Pin Connector
- T91 91-Pin Connector, Black
- T105 105-Pin Connector, Black

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

D103 Connection 3 (in Engine Compartment Wiring Harness)

D110 Connection 8 (in Engine Compartment Wiring Harness)

* Depending on Equipment
 *2 For Vehicles with Automatic Transmission
 *3 For Vehicles Without Manual Transmission
 *4 For Vehicles with a Manual Transmission

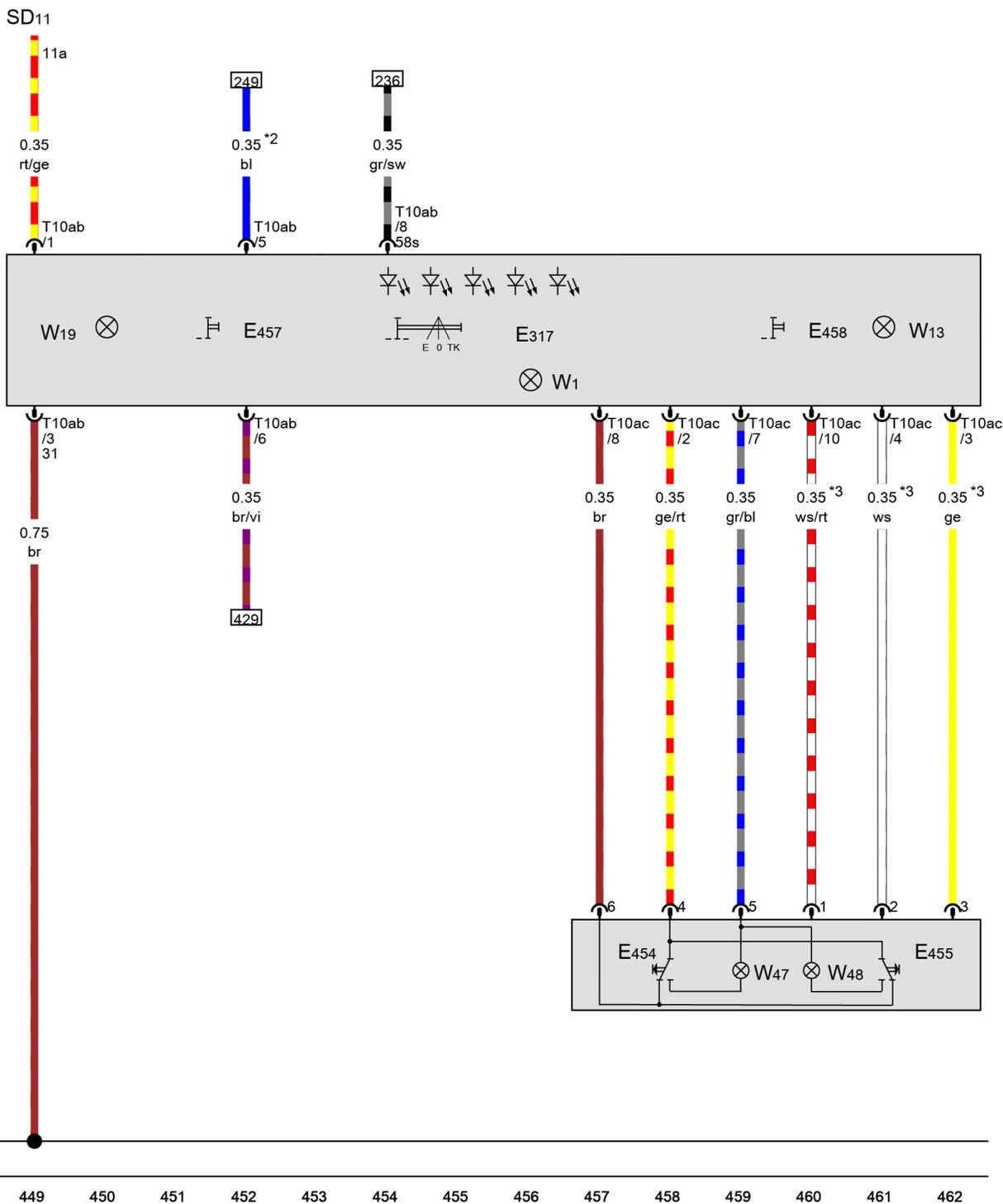


- G476 Clutch Position Sensor
- J217 Transmission Control Module
- J540 Electromechanical Parking Brake Control Module
- J587 Selector Lever Sensor System Control Module
- J623 Engine Control Module
- SB1 Fuse 1 (On Fuse Panel B)
- SF2 Fuse 2 (On Fuse Panel F)
- ST3 Fuse Panel 3
- ST4 Fuse Panel 4
- T6ah 6-Pin Connector, Black
- T17b 17-Pin Connector, Left Plenum Chamber E-Box Connector Station, Red
- T91 91-Pin Connector, Black

- 366 Ground Connection 1 (in Main Wiring Harness)
- 367 Ground Connection 2 (in Main Wiring Harness)
- D217 Selector Lever P/N Position Connection (in Main Wiring Harness)
- E26 Selector Lever P/N Position Connection (in Motronic Multifunction Fuel Injection Wiring Harness)

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

- * For Vehicles with a Manual Transmission
- *2 Refer to Applicable Wiring Diagram
- *3 Refer to Applicable Wiring Diagram for Automatic Transmission
- *4 Refer to Applicable Wiring Diagram for Fuse Positions
- *5 For Vehicles Without Manual Transmission
- *6 Running Change



- E317 Interior lighting switch
- E454 Left rear reading lamp switch
- E455 Right rear reading lamp switch 1
- E457 Driver reading lamp button
- E458 Front passenger reading lamp button
- SD11 Fuse 11 (on fuse panel D)
- T10ab 10-pin connector
- T10ac 10-pin connector
- W1 Front interior lamp
- W13 Front passenger reading lamp
- W19 Driver reading lamp
- W47 Left rear interior lamp
- W48 Right rear interior lamp

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

370 Ground connection 5 (in main wiring harness)

- * Refer to applicable wiring diagram for fuse positions
- *2 The color of the wires depends on vehicle equipment
- *3 Wire has no function