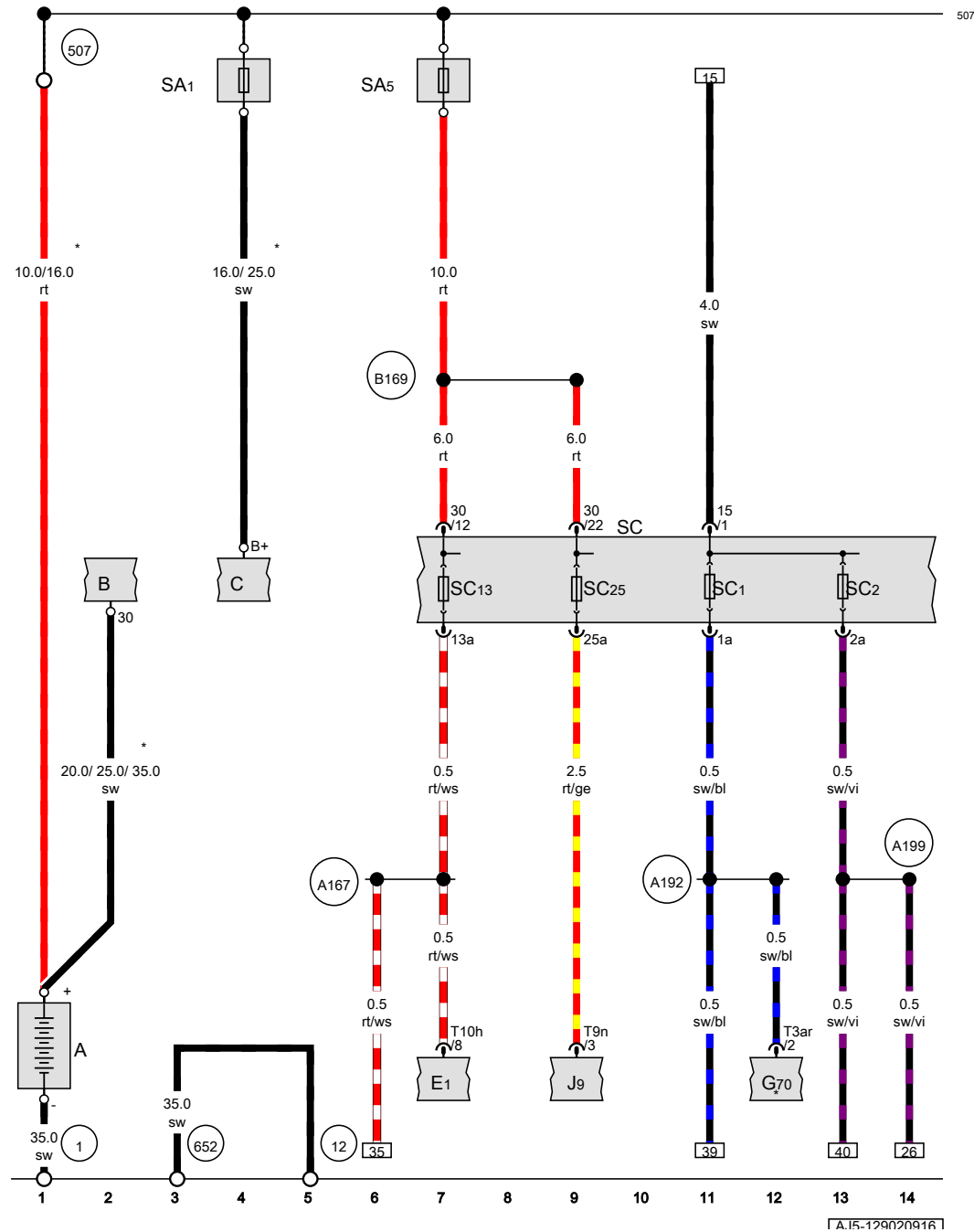


Network (CAN, LIN) bus system

from July 2010

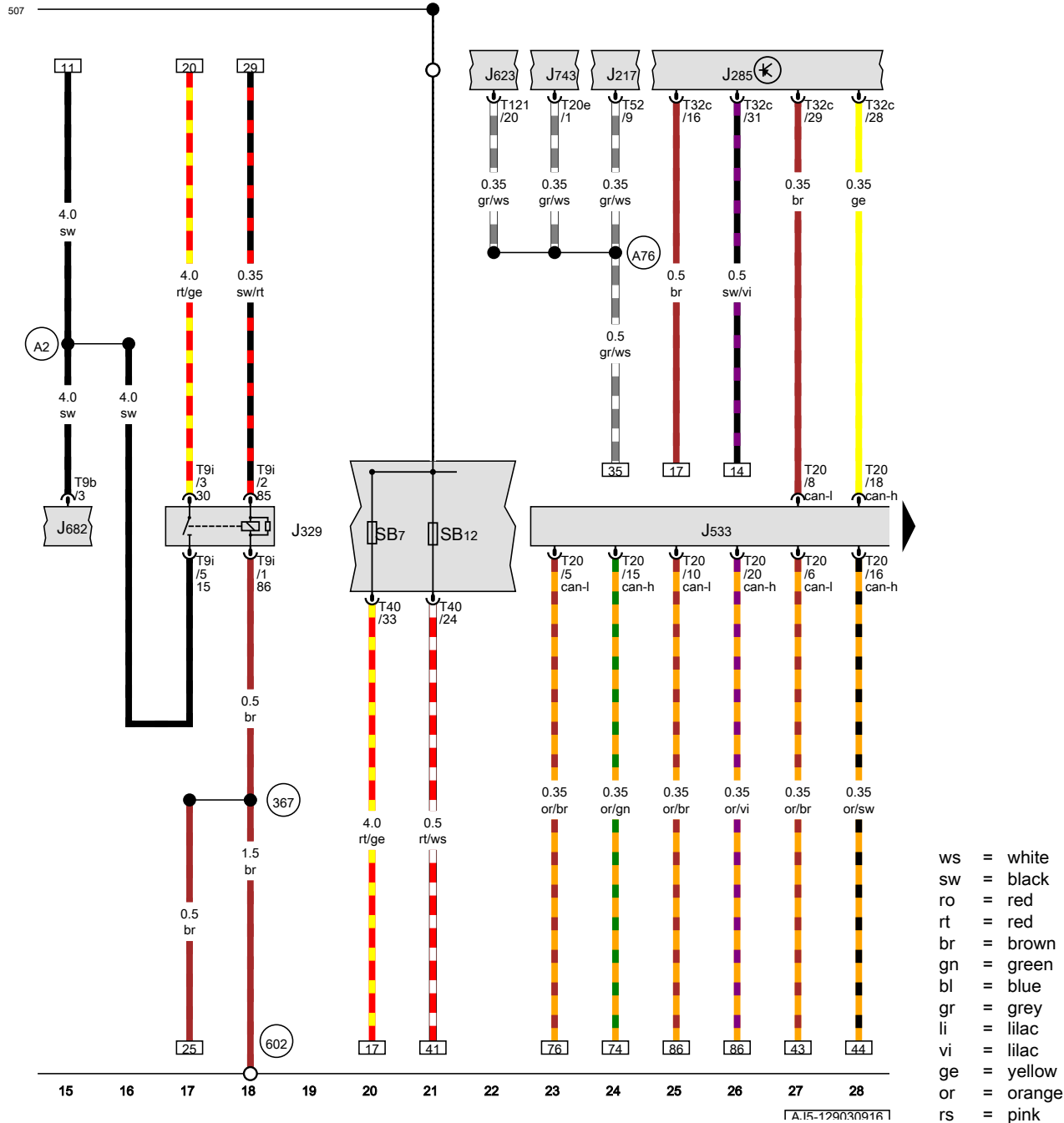


Battery, Fuse panel C

- A Battery
- B Starter
- C Generator
- E1 Light switch
- G70 Mass airflow sensor
- J9 Rear window defogger relay
- SA1 Fuse 1 (on fuse panel A)
- SA5 Fuse 5 (on fuse panel A)
- SC Fuse panel C
- SC1 Fuse 1 (on fuse panel C)
- SC2 Fuse 2 (on fuse panel C)
- SC13 Fuse 13 (on fuse panel C)
- SC25 Fuse 25 (on fuse panel C)
- T3ar 3-pin connector
- T9n 9-pin connector
- T10h 10-pin connector

- 1 Ground strap, battery to body
- 12 Ground connection in engine compartment, left
- 507 Terminal 30 threaded connection (on battery fuse holder)
- 652 Transmission/engine ground connection
- A167 Positive connection 3 (30a) (in instrument panel wiring harness)
- A192 Positive connection 3 (15a) (in instrument panel wiring harness)
- A199 Positive connection 4 (15a) (in instrument panel wiring harness)
- B169 Positive connection 1 (30) (in interior wiring harness)
- * Depending on equipment

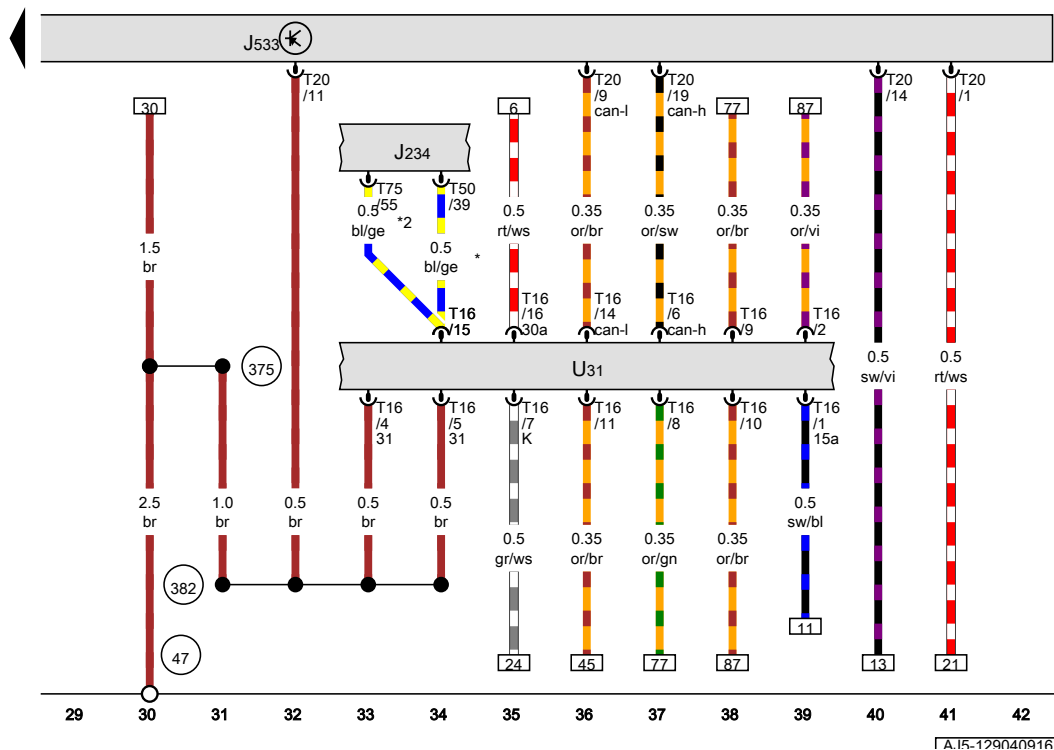
ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink



Transmission control module, Terminal 15 power supply relay, Data bus on board diagnostic interface

- J217 Transmission control module
- J285 Instrument cluster control module
- J329 Terminal 15 power supply relay
- J533 Data bus on board diagnostic interface
- J623 Engine control module
- J682 Terminal 50 power supply relay
- J743 Dual-clutch transmission Mechatronic
- SB7 Fuse 7 (on fuse panel B)
- SB12 Fuse 12 (on fuse panel B)
- T9b 9-pin connector
- T9i 9-pin connector
- T20 20-pin connector
- T20e 20-pin connector
- T32c 32-pin connector
- T40 40-pin connector
- T52 52-pin connector
- T121 121-pin connector

- 367 Ground connection 2 (in main wiring harness)
- 507 Terminal 30 threaded connection (on battery fuse holder)
- 602 Ground connection in left front footwell
- A2 Positive connection (15) (in instrument panel wiring harness)
- A76 KS-diagnostic lead connection (in instrument panel wiring harness)



Rain/light recognition sensor, Driver door control module, Front passenger door control module, Wiper motor control module, Vehicle electrical system control module, Data bus on board diagnostic interface, Driver side rear door control module, Passenger side rear door control module, Diagnostic connection

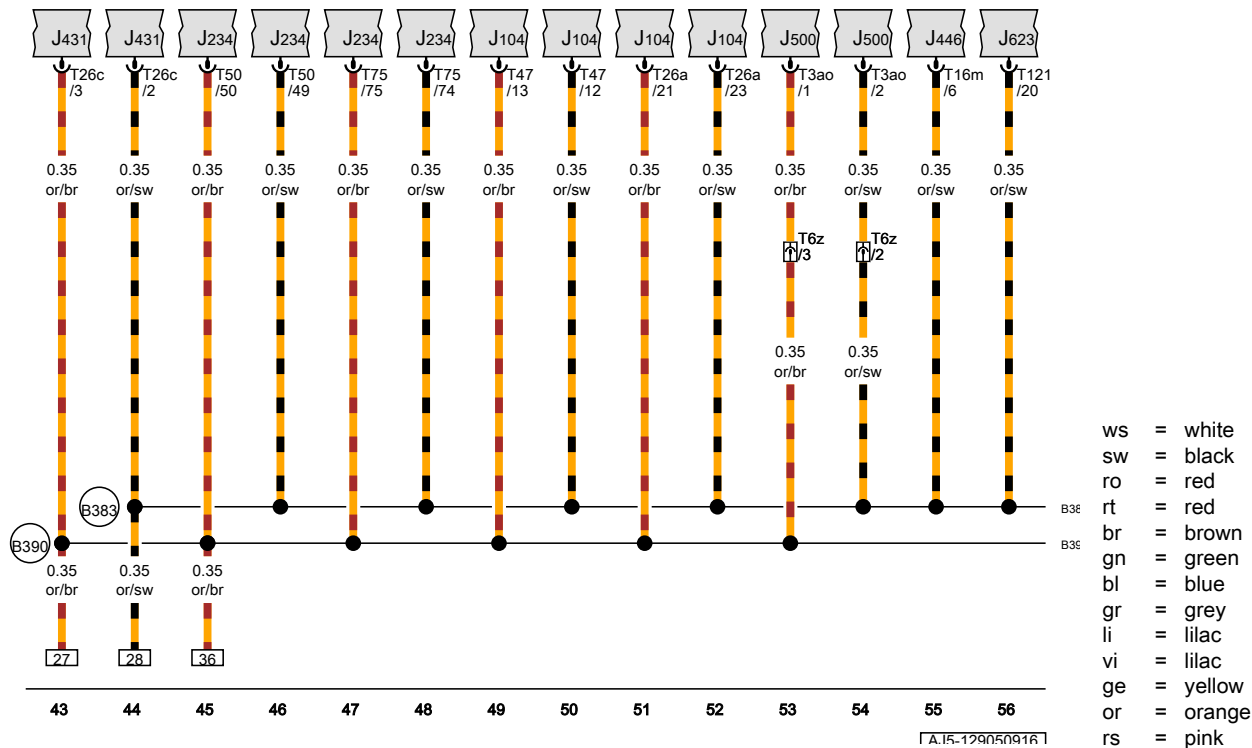
- 47 Ground connection in right front footwell
- 375 Ground connection 10 (in main wiring harness)
- 382 Ground connection 17 (in main wiring harness)
- B528 LIN bus connection 1 (in main wiring harness)
- * Only for vehicles without thorax airbag
- *2 Only for vehicles with thorax airbags

Airbag control module, Engine control module

J104 ABS control module
 J234 Airbag control module
 J431 Headlamp range control module
 J446 Parking aid control module
 J500 Power steering control module
 J623 Engine control module
 T3ao 3-pin connector
 T6z 6-pin connector
 T16m 16-pin connector
 T26a 26-pin connector
 T26c 26-pin connector
 T47 47-pin connector
 T50 50-pin connector
 T75 75-pin connector
 T121 121-pin connector

B383 Powertrain CAN bus high connection 1 (in main wiring harness)

B390 Powertrain CAN bus low connection 1 (in main wiring harness)



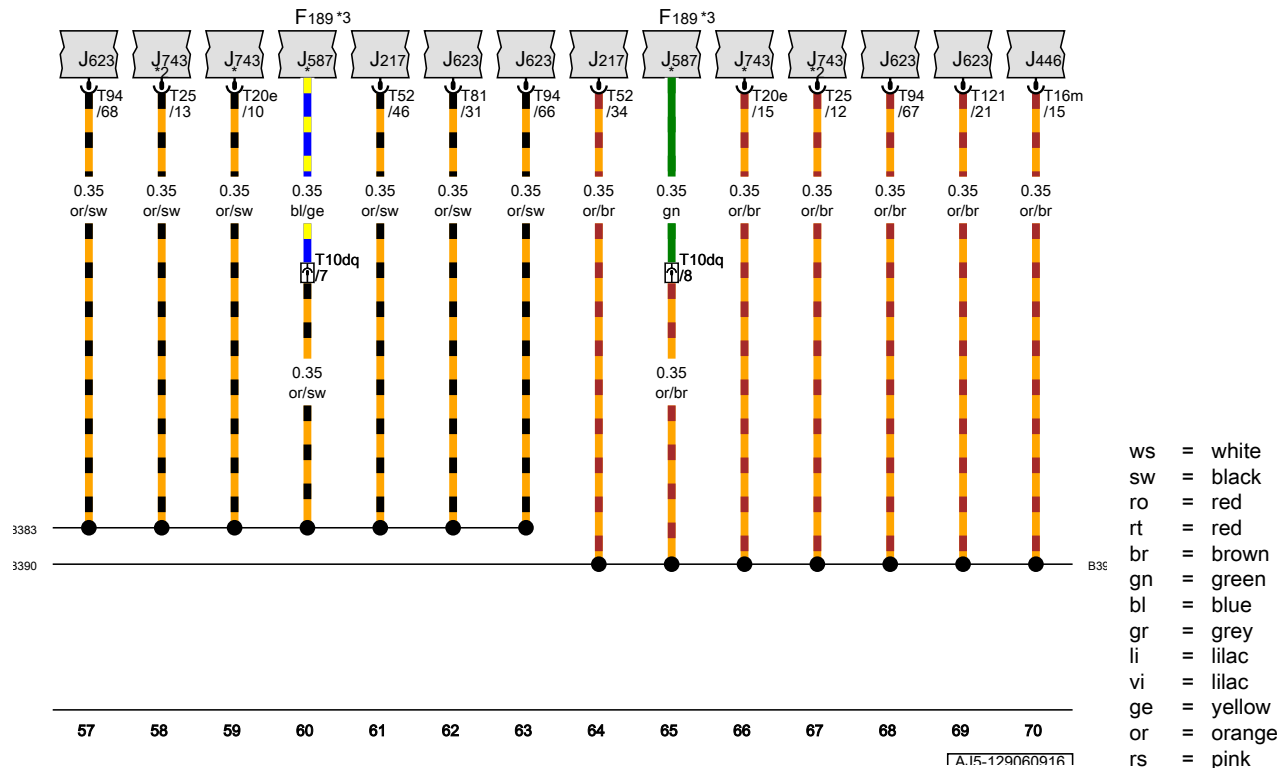
tiptronic switch, Transmission control module, Engine control module, Dual-clutch transmission Mechatronic

- F189 tiptronic switch
- J217 Transmission control module
- J446 Parking aid control module
- J587 Selector lever sensor system control module
- J623 Engine control module
- J743 Dual-clutch transmission Mechatronic
- T10dq 10-pin connector
- T16m 16-pin connector
- T20e 20-pin connector
- T25 25-pin connector
- T28 28-pin connector
- T52 52-pin connector
- T81 81-pin connector
- T94 94-pin connector
- T121 121-pin connector

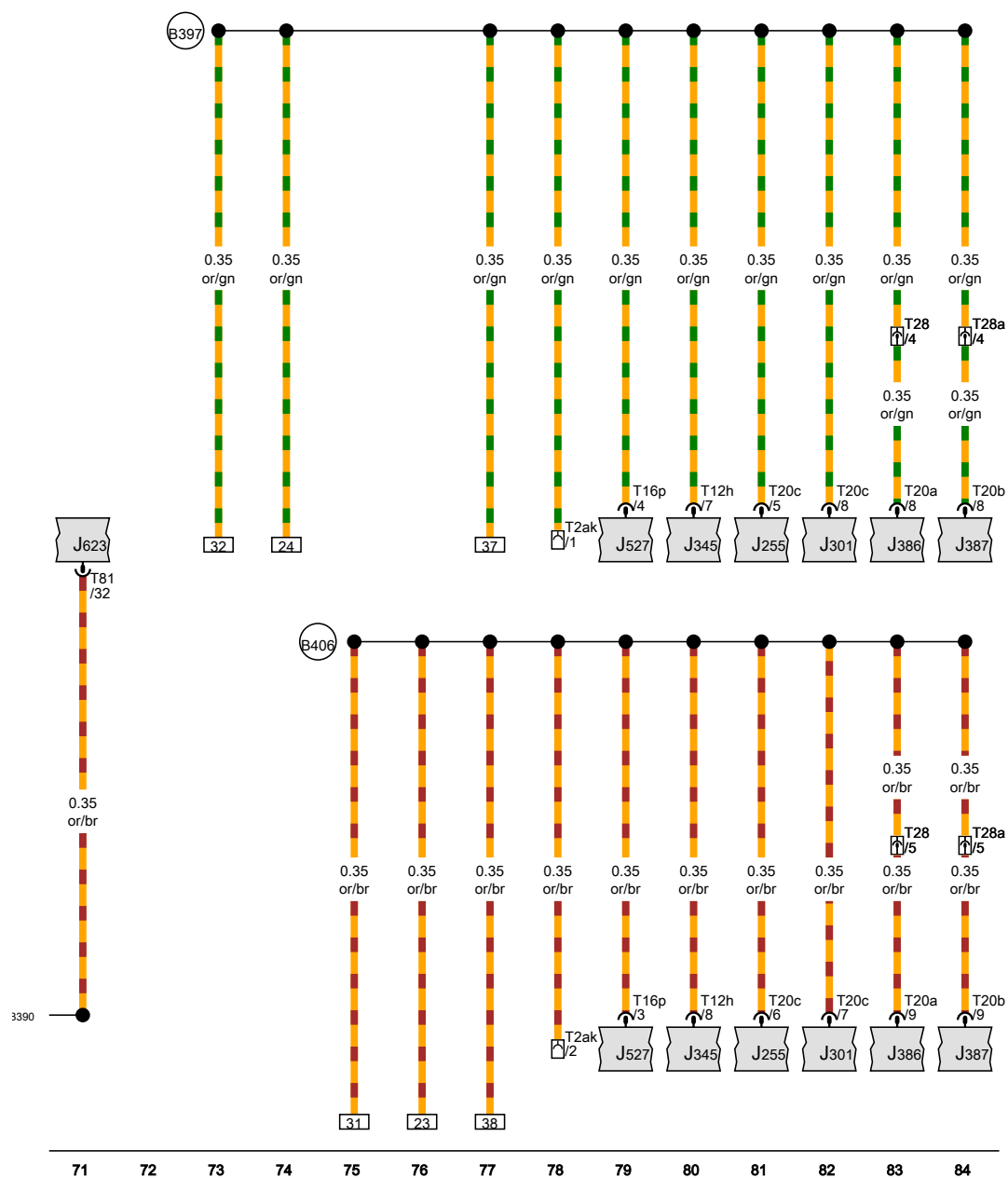
B383 Powertrain CAN bus high connection 1 (in main wiring harness)

B390 Powertrain CAN bus low connection 1 (in main wiring harness)

- * Only for vehicles with dual-clutch transmission 02E
- *2 Only for vehicles with dual-clutch transmission 0AM
- *3 Depending on equipment



1A.15-129060916



[A.15-129070916]

Climatronic control module, A/C control module, Towing recognition control module, Driver door control module, Front passenger door control module, Steering column electronics control module

- J255 Climatronic control module
- J301 A/C control module
- J345 Towing recognition control module
- J386 Driver door control module
- J387 Front passenger door control module
- J527 Steering column electronics control module
- J623 Engine control module
- T2ak 2-pin connector
- T12h 12-pin connector
- T16p 16-pin connector
- T20a 20-pin connector
- T20b 20-pin connector
- T20c 20-pin connector
- T28 28-pin connector, on the left A-pillar
- T28a 28-pin connector, on the right A-pillar
- T81 81-pin connector

- (B390) Powertrain CAN bus low connection 1 (in main wiring harness)
- (B397) Comfort system CAN bus high connection 1 (in main wiring harness)
- (B406) Comfort system CAN bus low connection 1 (in main wiring harness)

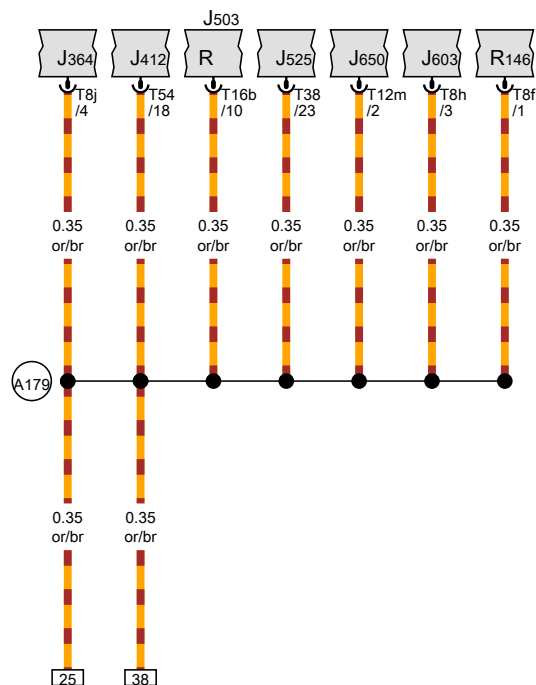
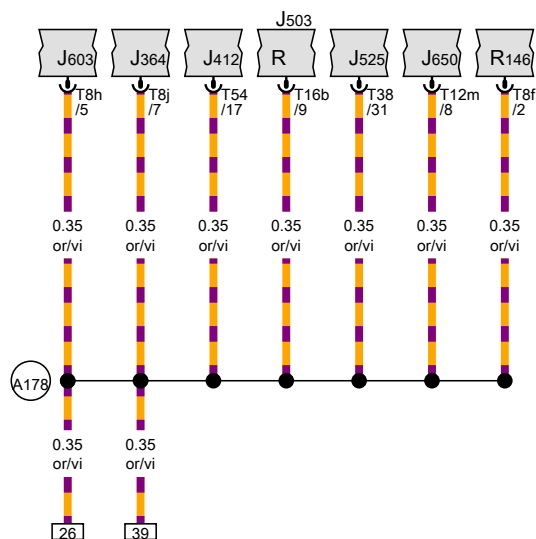
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = lilac
- vi = lilac
- ge = yellow
- or = orange
- rs = pink

Auxiliary heater control module, Cell phone operating electronics control module, Radio/navigation display unit control module, Digital sound system control module, Vehicle location recognition control module, Multimedia system control module, Radio

- J364 Auxiliary heater control module
- J412 Cell phone operating electronics control module
- J503 Radio/navigation display unit control module
- J525 Digital sound system control module
- J603 Vehicle location recognition control module
- J650 Multimedia system control module
- R Radio
- R146 Radio system, satellite
- T8f 8-pin connector
- T8h 8-pin connector
- T8j 8-pin connector
- T12m 12-pin connector
- T16b 16-pin connector
- T38 38-pin connector
- T54 54-pin connector

A178 Infotainment CAN bus high connection (in instrument panel wiring harness)

A179 Infotainment CAN bus low connection (in instrument panel wiring harness)



85 86 87 88 89 90 91 92 93 94 95 96 97 98
[A.15-129080916]

- 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