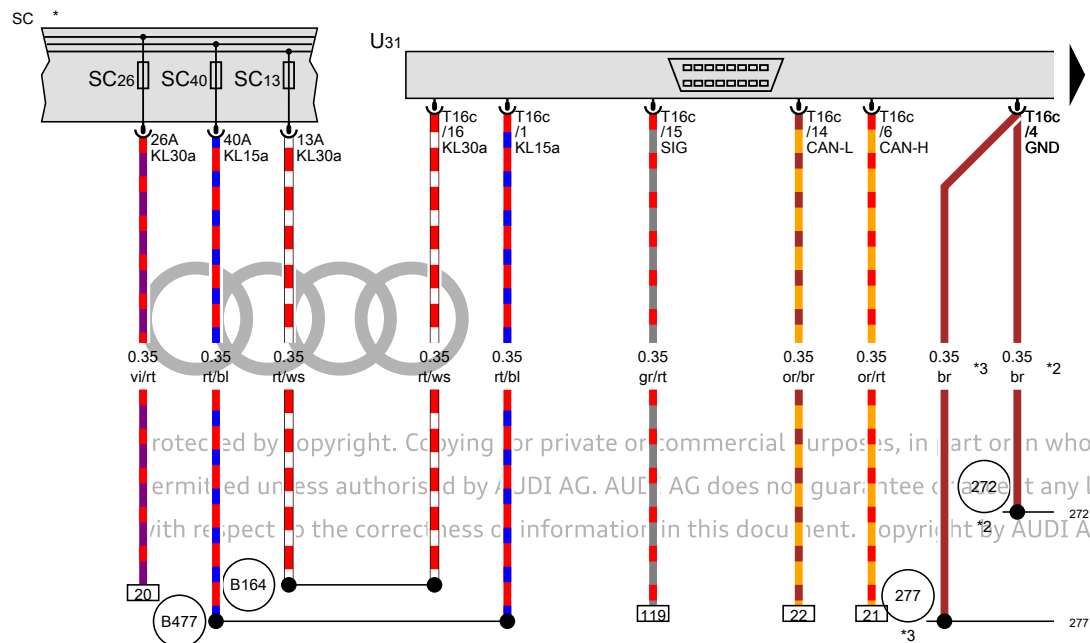


Data bus network

From July 2018



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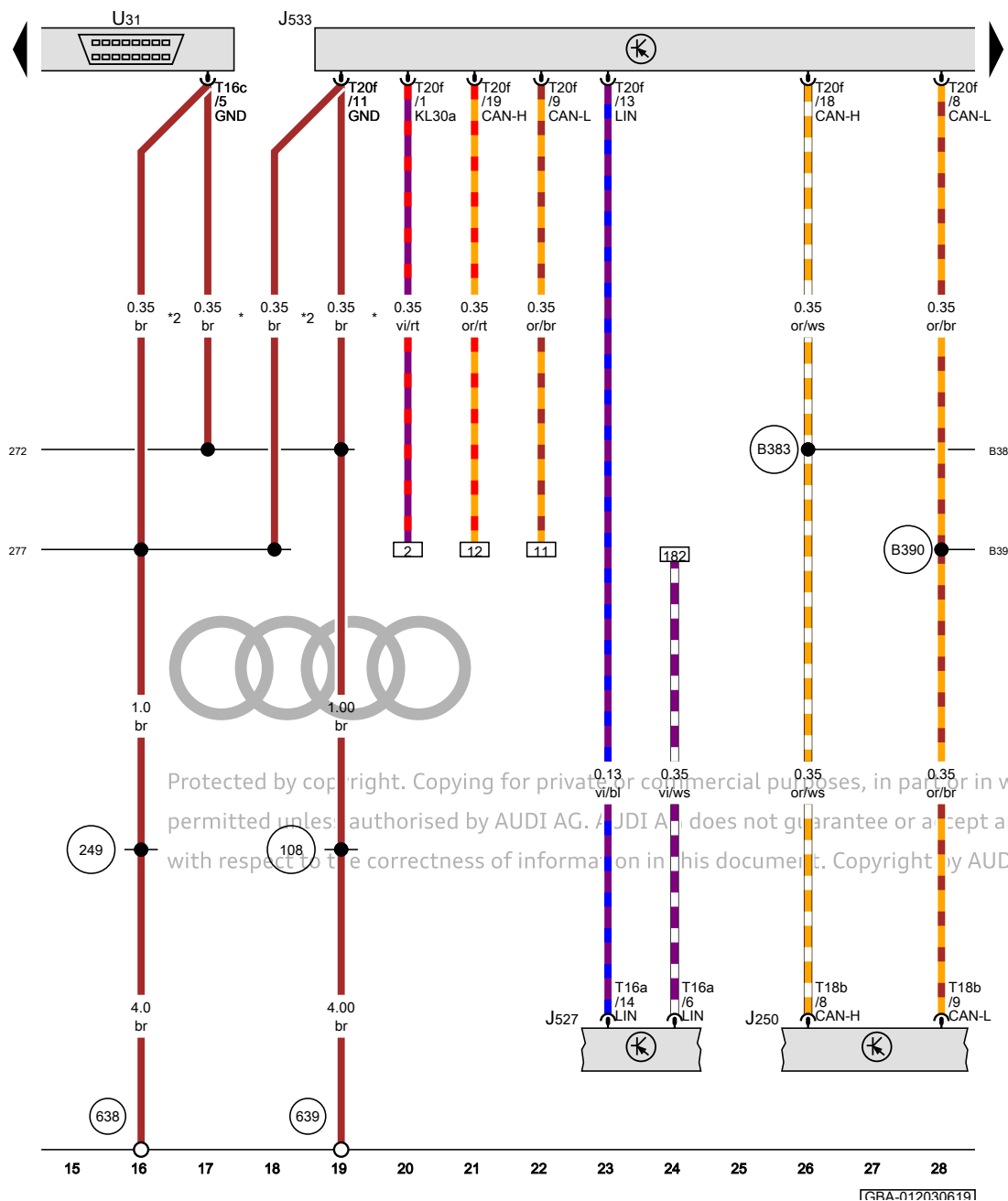
Fuse holder C, Diagnostic connection

SC Fuse holder C
 SC13 Fuse 13 on fuse holder C
 SC26 Fuse 26 on fuse holder C
 SC40 Fuse 40 on fuse holder C
 T16c 16-pin connector, black
 U31 Diagnostic connection

- 272 Earth connection 4, in front wiring harness
- 277 Earth connection 3, in interior wiring harness
- B164 Connection (30, door warning light), in interior warning harness
- B477 Connection 13, in main wiring harness

* see applicable current flow diagram for fuses in interior
 *2 For left-hand drive models
 *3 For right-hand drive models

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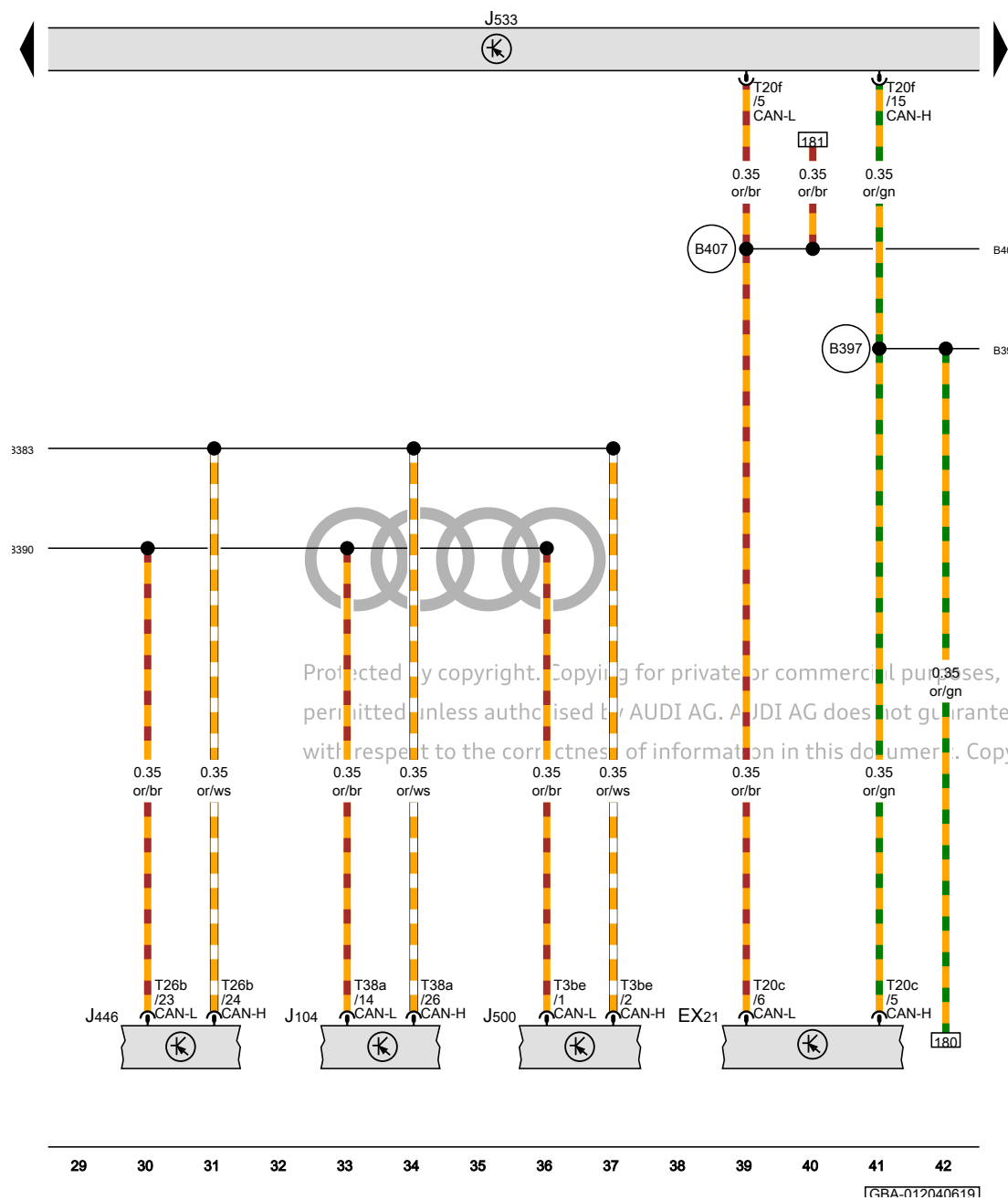
Electronically controlled damping control unit, Steering column electronics control unit, Data bus diagnostic interface, Diagnostic connection

- J250 Electronically controlled damping control unit
- J527 Steering column electronics control unit
- J533 Data bus diagnostic interface
- T16a 16-pin connector, black
- T16c 16-pin connector, black
- T18b 18-pin connector, black
- T20f 20-pin connector, red
- U31 Diagnostic connection

- 108 Earth connection 2, in front left wiring harness
- 249 Earth connection 2, in interior wiring harness
- 272 Earth connection 4, in front wiring harness
- 277 Earth connection 3, in interior wiring harness
- 638 Earth point, on right A-pillar
- 639 Earth point, left A-pillar
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness

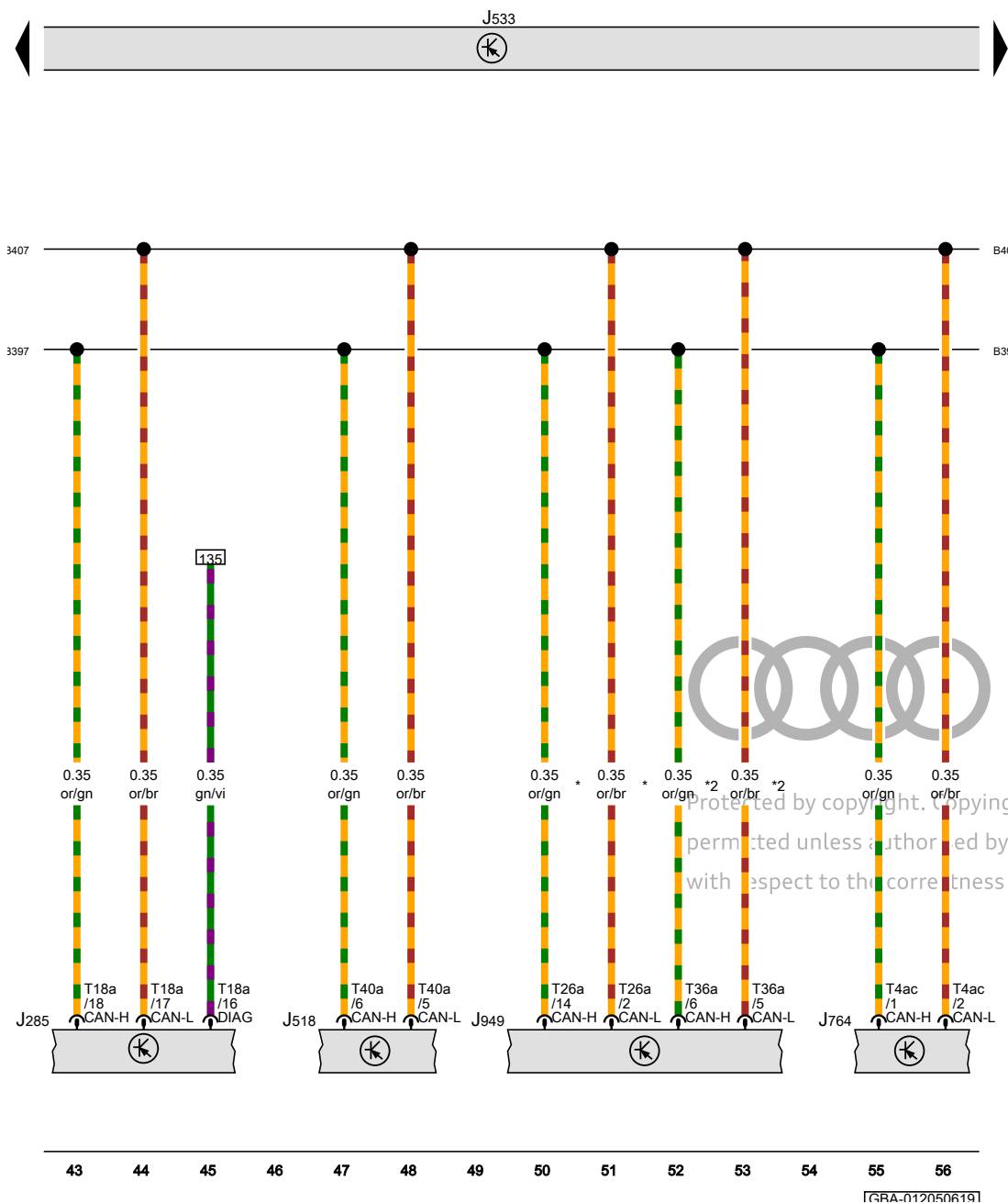
- * For left-hand drive models
- *2 For right-hand drive models

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Heater and air conditioning controls, ABS control unit, Parking aid control unit, Power steering control unit, Data bus diagnostic interface

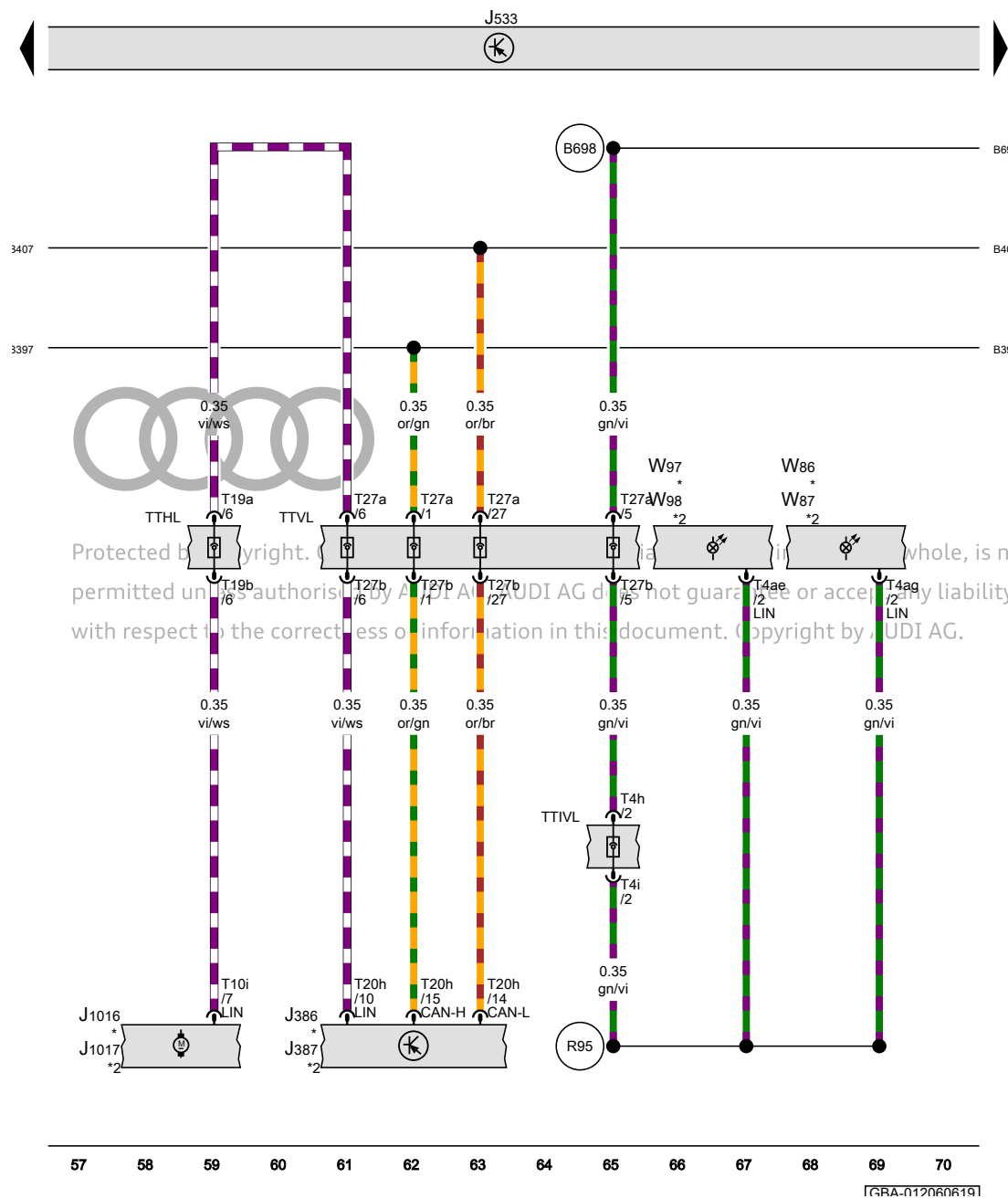
- EX21 Heater and air conditioning controls
- J104 ABS control unit
- J446 Parking aid control unit
- J500 Power steering control unit
- J533 Data bus diagnostic interface
- T3be 3-pin connector, black
- T20c 20-pin connector, black
- T20f 20-pin connector, red
- T26b 26-pin connector, black
- T38a 38-pin connector, brown
- 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
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness



Control unit in dash panel insert, Entry and start authorisation control unit, Data bus diagnostic interface, Control unit for electronic steering column lock, Emergency call module control unit and communication unit

- J285 Control unit in dash panel insert
- J518 Entry and start authorisation control unit
- J533 Data bus diagnostic interface
- J764 Control unit for electronic steering column lock
- J949 Emergency call module control unit and communication unit
- T4ac 4-pin connector, black
- T18a 18-pin connector, black
- T26a 26-pin connector, black
- T36a 36-pin connector, black
- T40a 40-pin connector, black
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness
- * Up to July 2019
- *2 From July 2019

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Driver door control unit, Data bus diagnostic interface, Control unit with rear driver side window regulator motor, Light for driver door background lighting, Light 2 for driver door background lighting

- J386 Driver door control unit
- J387 Front passenger door control unit
- J533 Data bus diagnostic interface
- J1016 Control unit with rear driver side window regulator motor
- J1017 Control unit with rear passenger side window regulator motor
- T4ae 4-pin connector, black
- T4ag 4-pin connector, black
- T4h 4-pin connector, black
- T4i 4-pin connector, black
- T10i 10-pin connector, black
- T19a 19-pin connector, black
- T19b 19-pin connector, black
- T20h 20-pin connector, white
- T27a 27-pin connector, black
- T27b 27-pin connector, black
- TTHL Coupling point for rear left door
- TTIVL Coupling point in front left door
- TTVL Coupling point for front left door
- W86 Light for driver door background lighting
- W87 Light for passenger door background lighting
- W97 Light 2 for driver door background lighting
- W98 Light 2 for passenger door background lighting

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

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

B698 Connection 3 (LIN bus) in main wiring harness

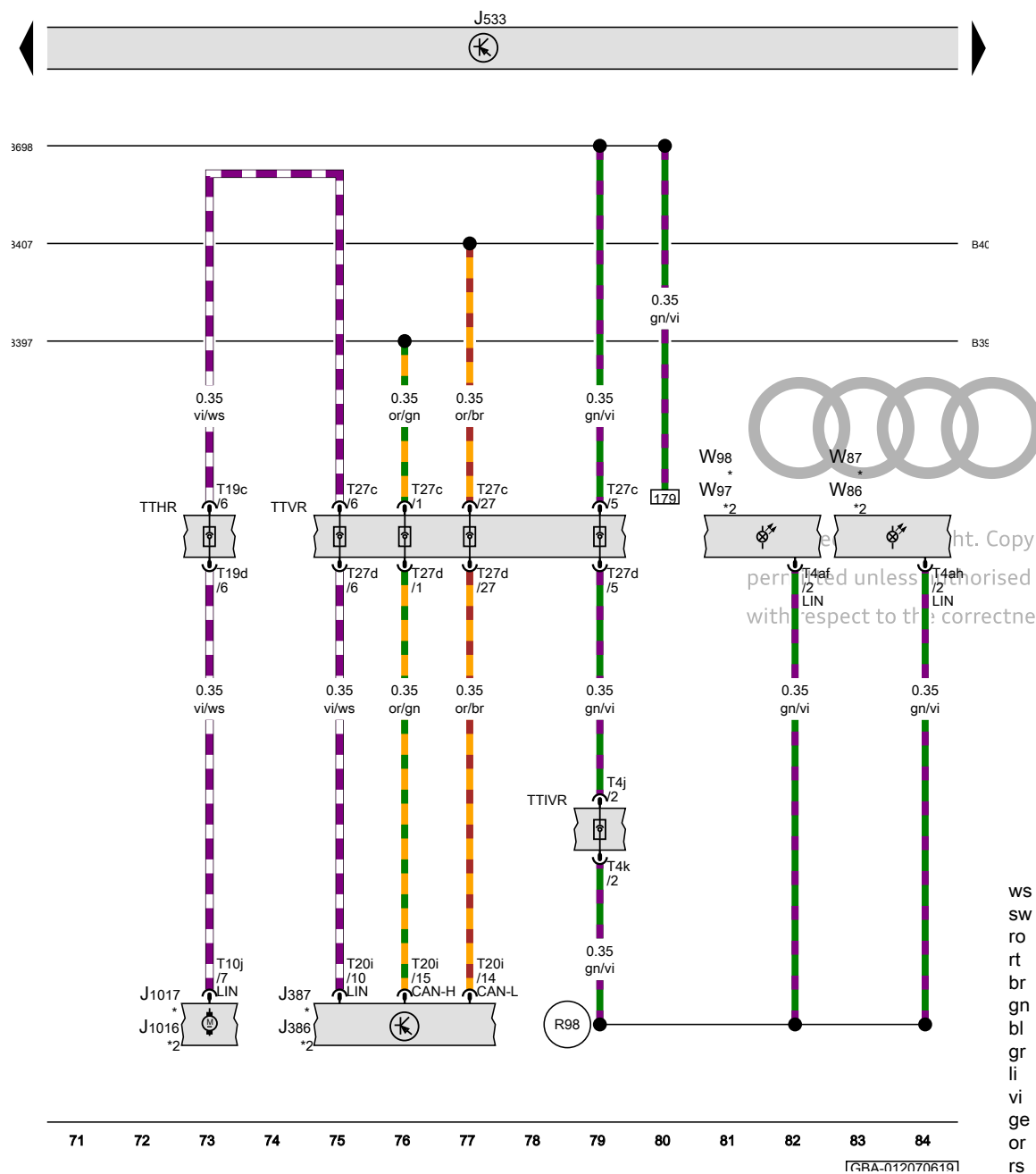
R95 Connection 2 in driver side door wiring harness

* For left-hand drive models

*2 For right-hand drive models

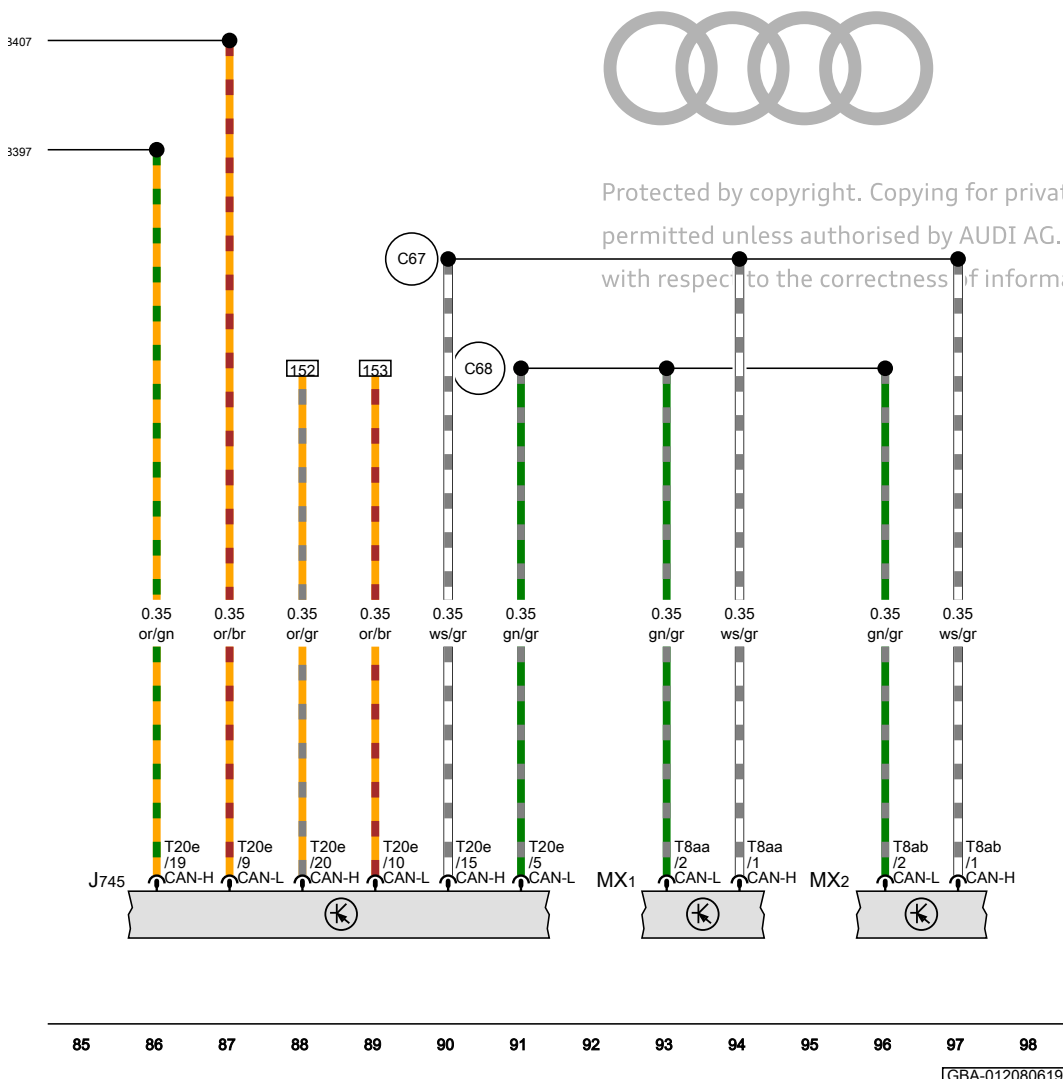
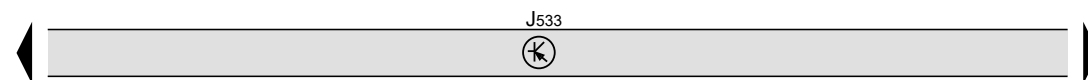
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Front passenger door control unit, Data bus diagnostic interface, Control unit with rear passenger side window regulator motor, Light for passenger door background lighting, Light 2 for passenger door background lighting



- | | |
|-------|--|
| J386 | Driver door control unit |
| J387 | Front passenger door control unit |
| J533 | Data bus diagnostic interface |
| J1016 | Control unit with rear driver side window regulator motor |
| J1017 | Control unit with rear passenger side window regulator motor |
| T4af | 4-pin connector, black |
| T4ah | 4-pin connector, black |
| T4j | 4-pin connector, black |
| T4k | 4-pin connector, black |
| T10j | 10-pin connector, black |
| T19c | 19-pin connector, black |
| T19d | 19-pin connector, black |
| T20i | 20-pin connector, white |
| T27c | 27-pin connector, black |
| T27d | 27-pin connector, black |
| TTHR | Coupling point for rear right door |
| TTIVR | Coupling point in front right door |
| TTVR | Coupling point for front right door |
| W86 | Light for driver door background lighting |
| W87 | Light for passenger door background lighting |
| W97 | Light 2 for driver door background lighting |
| W98 | Light 2 for passenger door background lighting |
| B397 | Connection 1 (convenience CAN bus, high), in main wiring harness |
| B407 | Connection 2 (convenience CAN bus, low), in main wiring harness |
| B698 | Connection 3 (LIN bus) in main wiring harness |
| R98 | Connection 1 in front passenger side door wiring harness |
| * | For left-hand drive models |
| *2 | For right-hand drive models |

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Data bus diagnostic interface, Control unit for cornering light and headlight range control, Front left headlight, Front right headlight

- J533 Data bus diagnostic interface
- J745 Control unit for cornering light and headlight range control
- MX1 Front left headlight
- MX2 Front right headlight
- T8aa 8-pin connector, black
- T8ab 8-pin connector, black
- T20e 20-pin connector, brown

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

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

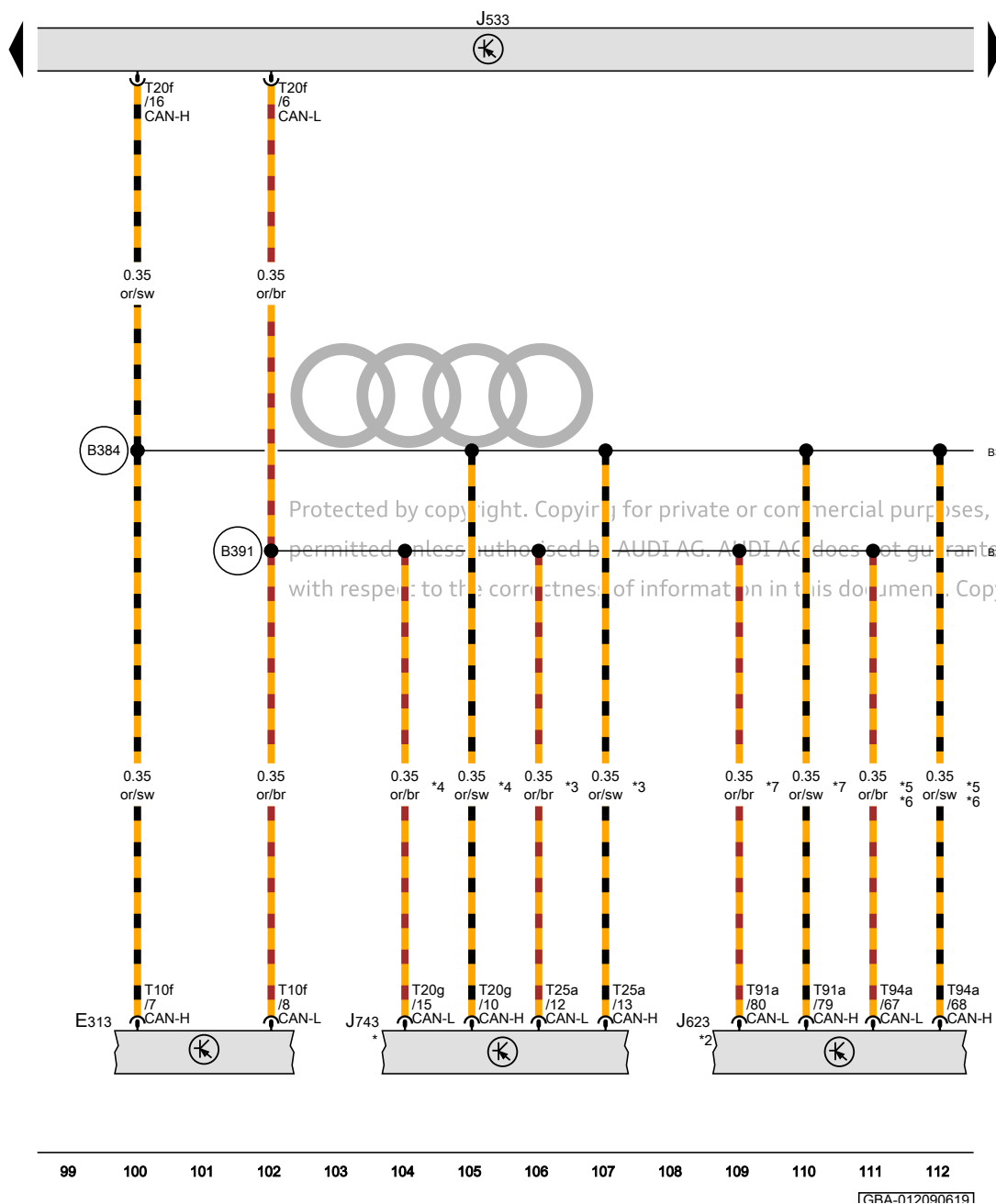
C67 Connection (CAN bus, high), in headlight wiring harness

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

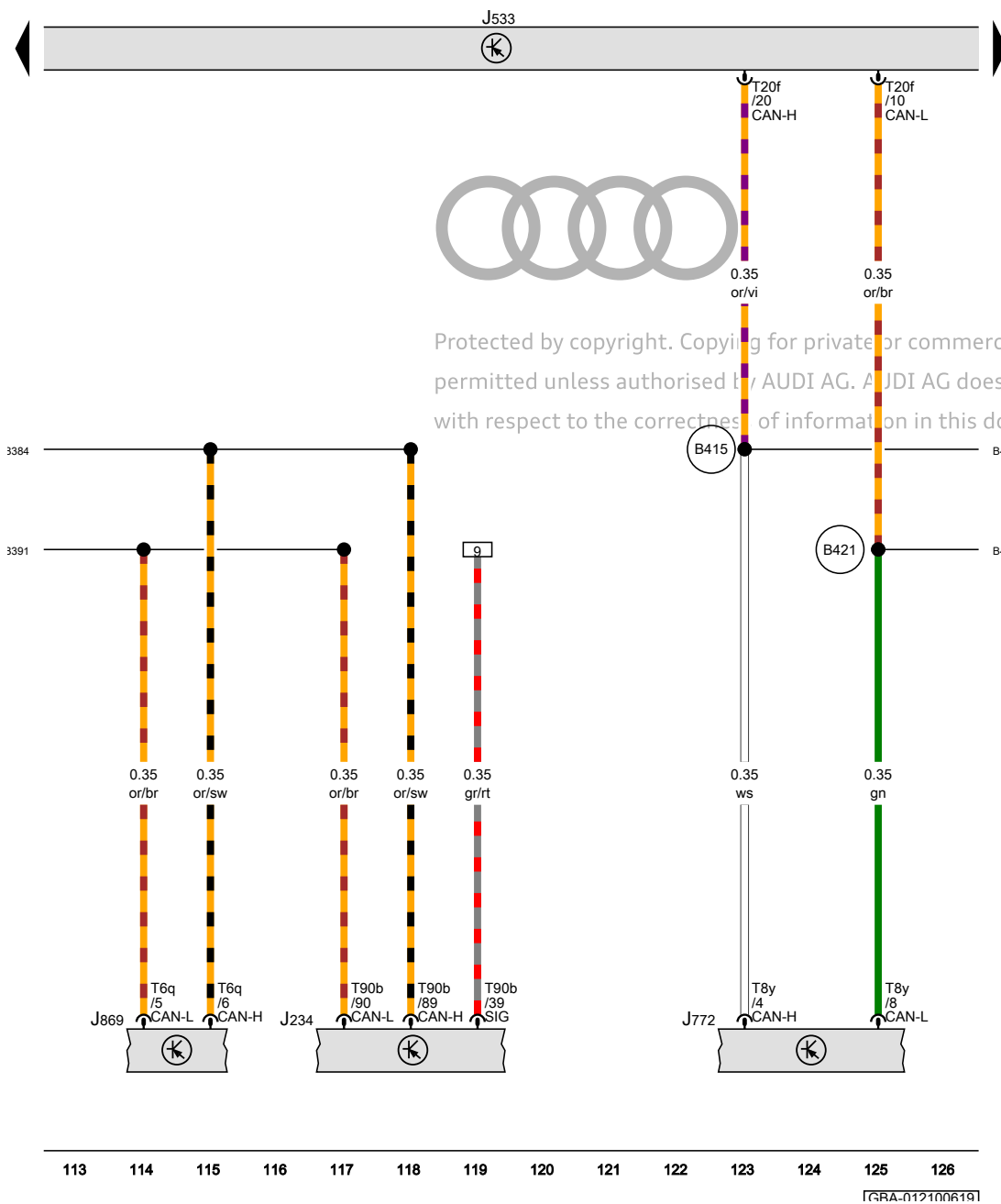
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Selector lever, Data bus diagnostic interface, Engine/motor control unit, Mechatronic unit for dual clutch gearbox



- E313 Selector lever
- J533 Data bus diagnostic interface
- J623 Engine/motor control unit
- J743 Mechatronic unit for dual clutch gearbox
- T10f 10-pin connector, black
- T20f 20-pin connector, red
- T20g 20-pin connector, black
- T25a 25-pin connector, black
- T91a 91-pin connector, black
- T94a 94-pin connector, black
- B384 Connection 2 (powertrain CAN bus, high), in main wiring harness
- B391 Connection 2 (powertrain CAN bus, low), in main wiring harness
- * see applicable current flow diagram for dual clutch gearbox
- *2 see applicable current flow diagram for engine
- *3 For models with dual clutch gearbox 0CW
- *4 For models with dual clutch gearbox 0D9
- *5 For models with 1.0l petrol engine
- *6 For models with 1.5l petrol engine
- *7 For models with 2.0l petrol engine



Airbag control unit, Data bus diagnostic interface, Reversing camera system control unit, Control unit for structure-borne sound

- J234 Airbag control unit
- J533 Data bus diagnostic interface
- J772 Reversing camera system control unit
- J869 Control unit for structure-borne sound
- T6q 6-pin connector, black
- T8y 8-pin connector, black
- T20f 20-pin connector, red
- T90b 90-pin connector, yellow

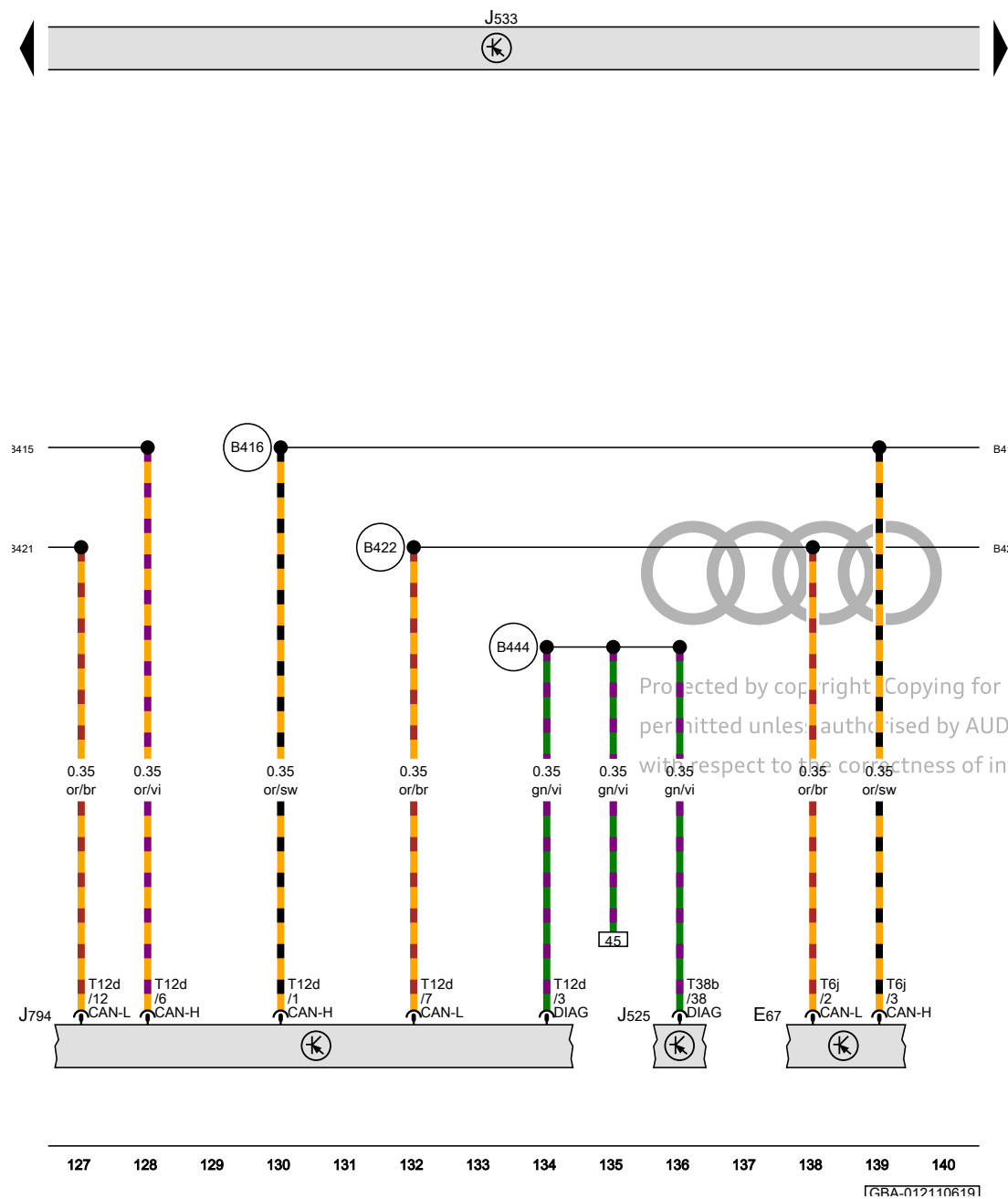
- B384 Connection 2 (powertrain CAN bus, high), in main wiring harness
- B391 Connection 2 (powertrain CAN bus, low), in main wiring harness
- B415 Connection 1 (infotainment CAN bus, high), in main wiring harness
- B421 Connection 1 (infotainment CAN bus, low), in main wiring harness

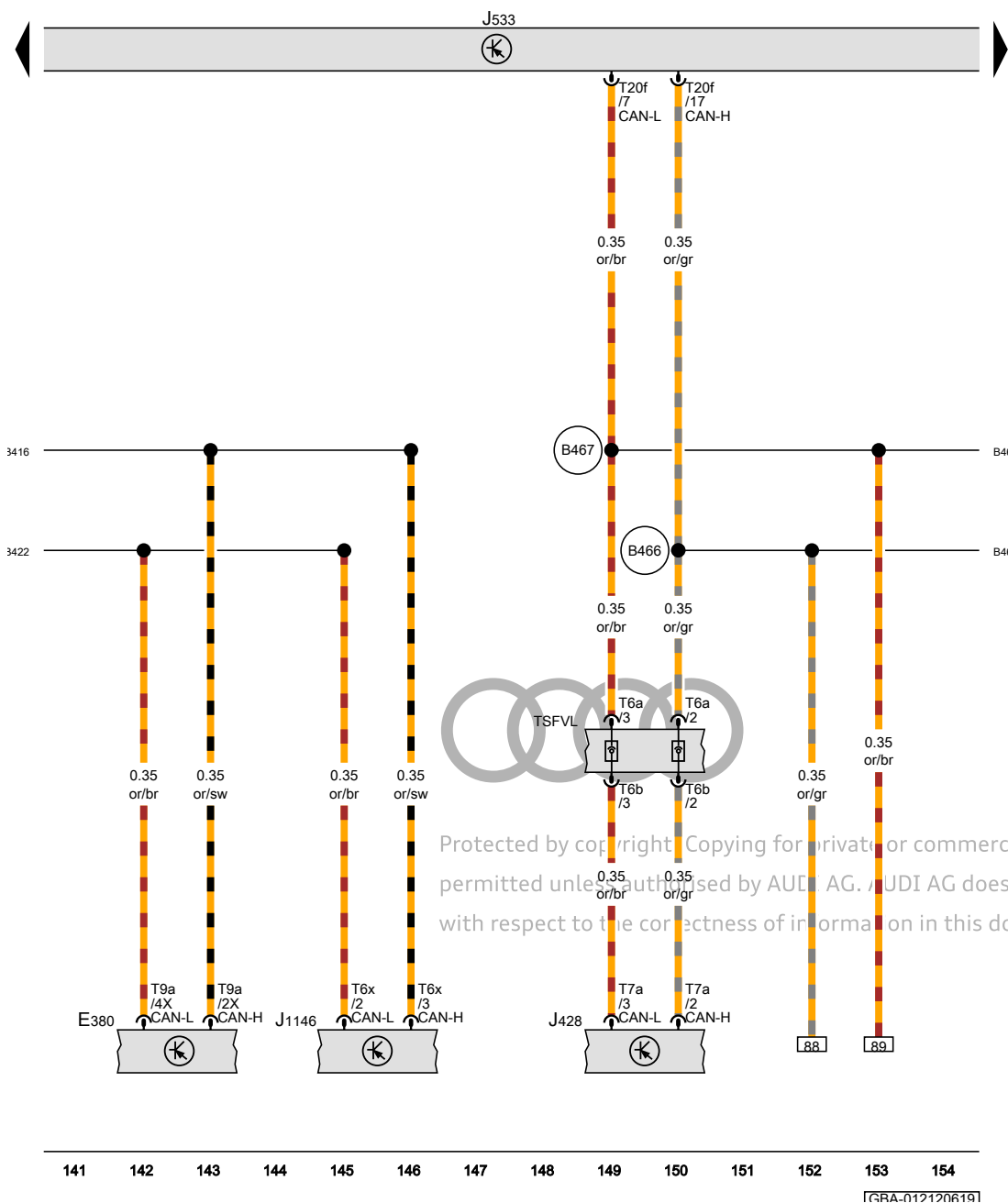
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Driver side volume regulator, Digital sound package control unit, Data bus diagnostic interface, Control unit 1 for information electronics

- E67 Driver side volume regulator
- J525 Digital sound package control unit
- J533 Data bus diagnostic interface
- J794 Control unit 1 for information electronics
- T6j 6-pin connector, grey
- T12d 12-pin connector, grey
- T38b 38-pin connector, black

- B415 Connection 1 (infotainment CAN bus, high), in main wiring harness
- B416 Connection 2 (infotainment CAN bus, high), in main wiring harness
- B421 Connection 1 (infotainment CAN bus, low), in main wiring harness
- B422 Connection 2 (infotainment CAN bus, low), in main wiring harness
- B444 Connection 1 (diagnosis), in main wiring harness





Multimedia system operating unit, Adaptive cruise control unit, Data bus diagnostic interface, Charging unit 1 for mobile devices

- E380 Multimedia system operating unit
- J428 Adaptive cruise control unit
- J533 Data bus diagnostic interface
- J1146 Charging unit 1 for mobile devices
- T6a 6-pin connector, black
- T6b 6-pin connector, black
- T6x 6-pin connector, black
- T7a 7-pin connector, black
- T9a 9-pin connector, blue
- T20f 20-pin connector, red
- TSFVL Coupling point on front left bumper
- B416 Connection 2 (infotainment CAN bus, high), in main wiring harness
- B422 Connection 2 (infotainment CAN bus, low), in main wiring harness
- B466 Connection 2, in main wiring harness
- B467 Connection 3, in main wiring harness

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Data bus diagnostic interface, Blind Spot Monitor control unit, Blind Spot Monitor control unit 2, Front camera for driver assist systems

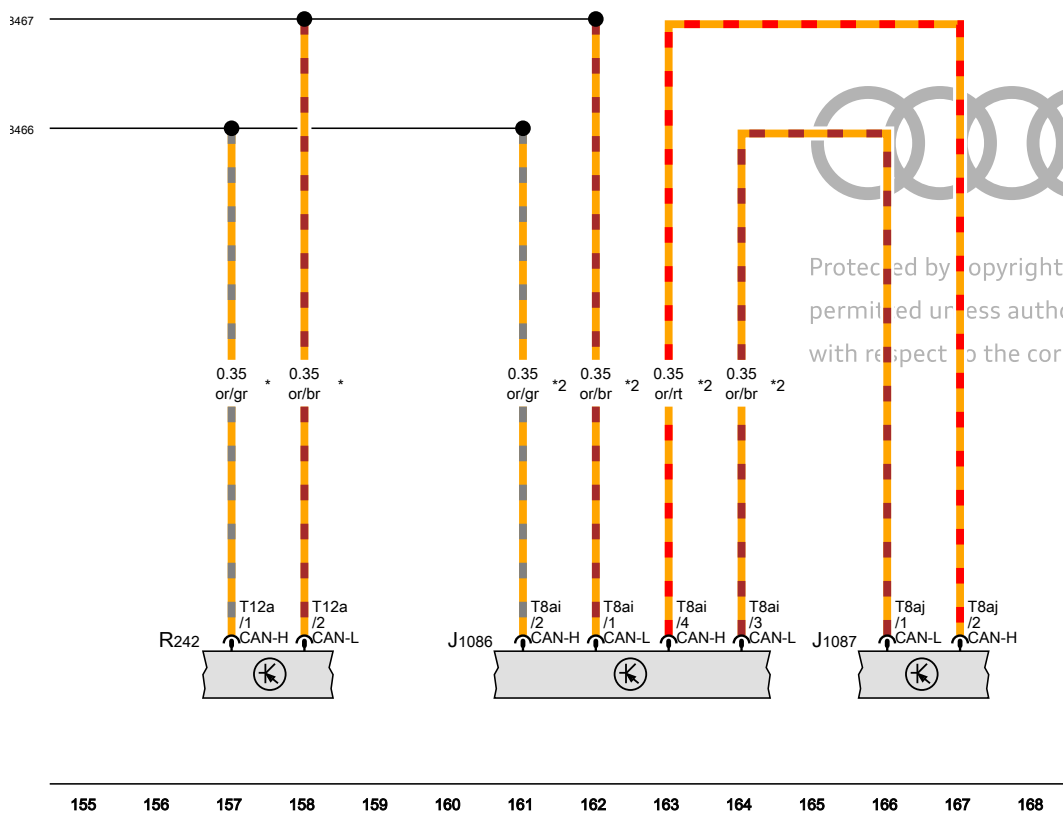
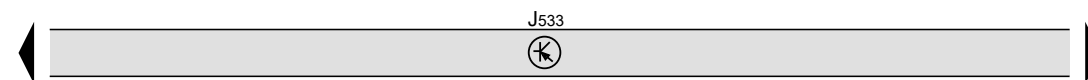
J533 Data bus diagnostic interface
J1086 Blind Spot Monitor control unit
J1087 Blind Spot Monitor control unit 2
R242 Front camera for driver assist systems
T8ai 8-pin connector, black
T8aj 8-pin connector, black
T12a 12-pin connector, black

B466 Connection 2, in main wiring harness

B467 Connection 3, in main wiring harness

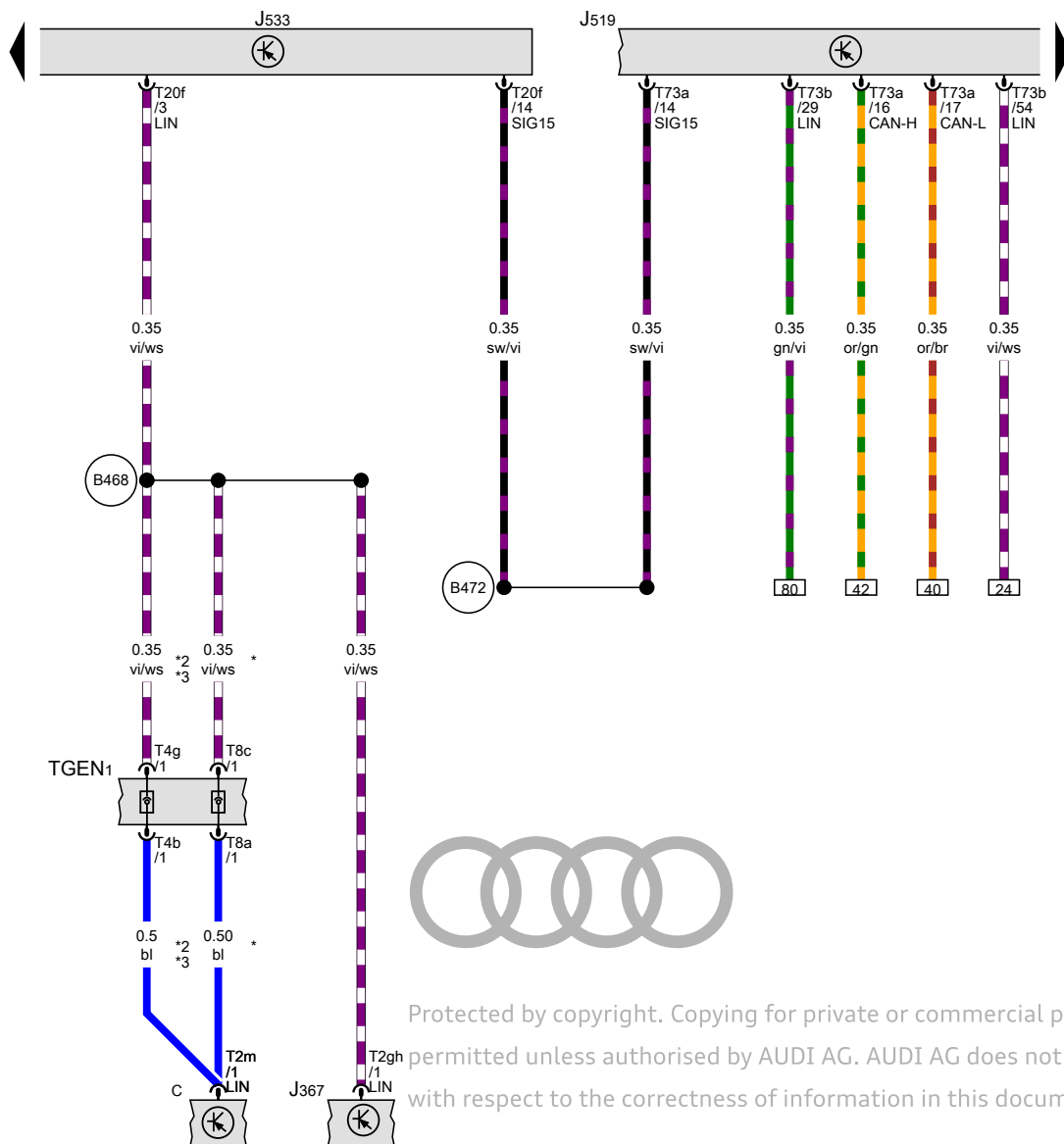
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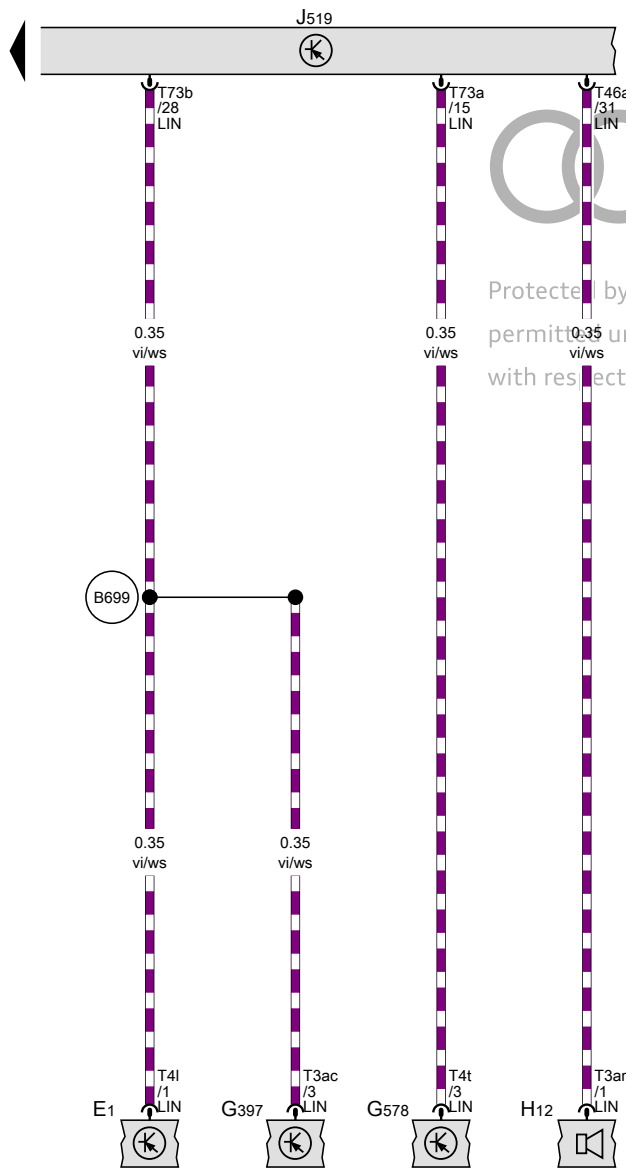


Alternator, Battery monitor control unit, Data bus diagnostic interface

- C Alternator
- J367 Battery monitor control unit
- J519 Onboard supply control unit
- J533 Data bus diagnostic interface
- T2gh 2-pin connector, black
- T2m 2-pin connector, black
- T4b 4-pin connector, black
- T4g 4-pin connector, black
- T8a 8-pin connector, black
- T8c 8-pin connector, black
- T20f 20-pin connector, red
- T73a 73-pin connector, black
- T73b 73-pin connector, black
- TGEN1 Coupling point 1 for alternator
- B468 Connection 4, in main wiring harness
- B472 Connection 8, in main wiring harness
- * For models with 2.0l petrol engine
- *2 For models with 1.0l petrol engine
- *3 For models with 1.5l petrol engine

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Light switch, Rain and light sensor, Anti-theft alarm sensor, Alarm horn



- E1 Light switch
- G397 Rain and light sensor
- G578 Anti-theft alarm sensor
- H12 Alarm horn
- J519 Onboard supply control unit
- T3ac 3-pin connector, black
- T3ar 3-pin connector, black
- T4l 4-pin connector, red
- T4t 4-pin connector, black
- T46a 46-pin connector, black
- T73a 73-pin connector, black
- T73b 73-pin connector, black
- B699 Connection 4 (LIN bus) in main wiring harness

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