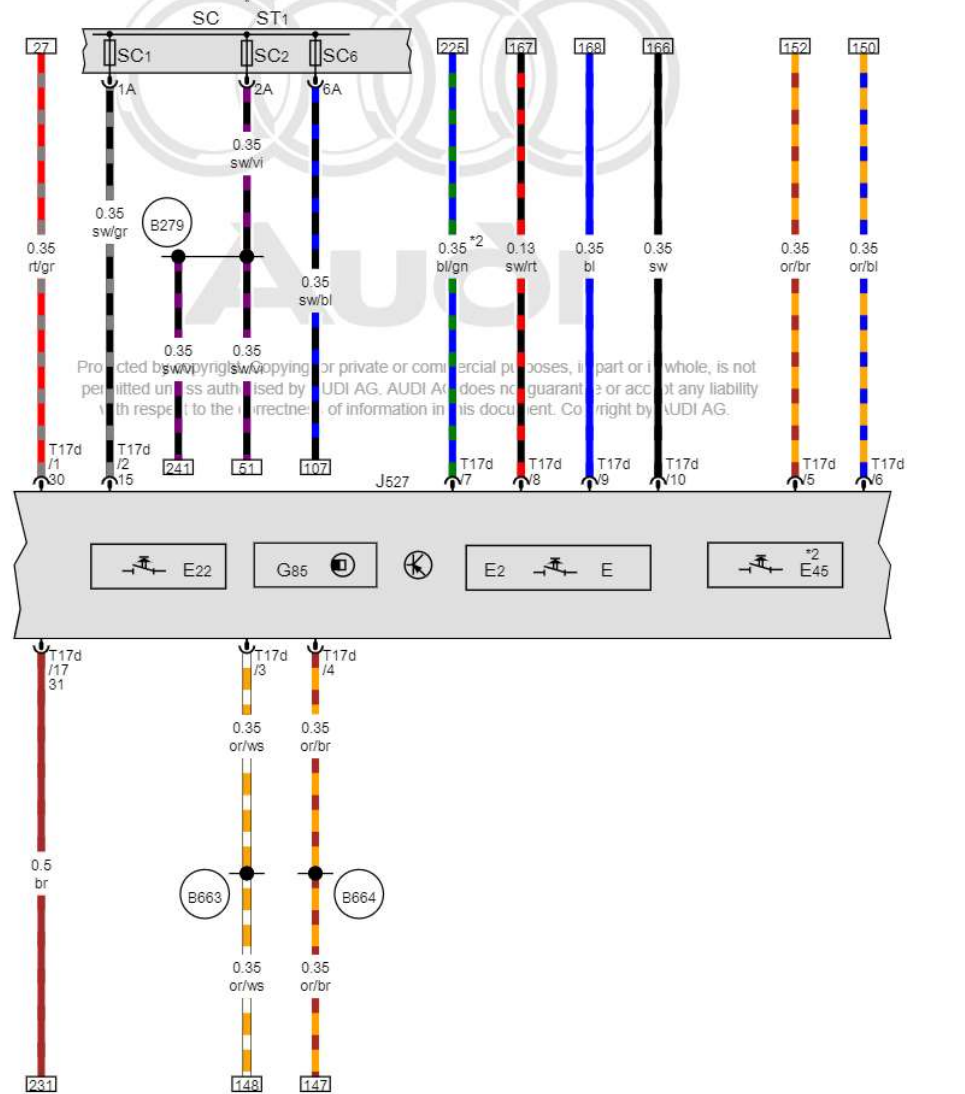


Standard equipment  
from September 2015



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Windshield wiper switch, Turn signal switch, Windshield wiper intermittent mode switch, Cruise control switch, Steering angle sensor, Steering column electronics control module

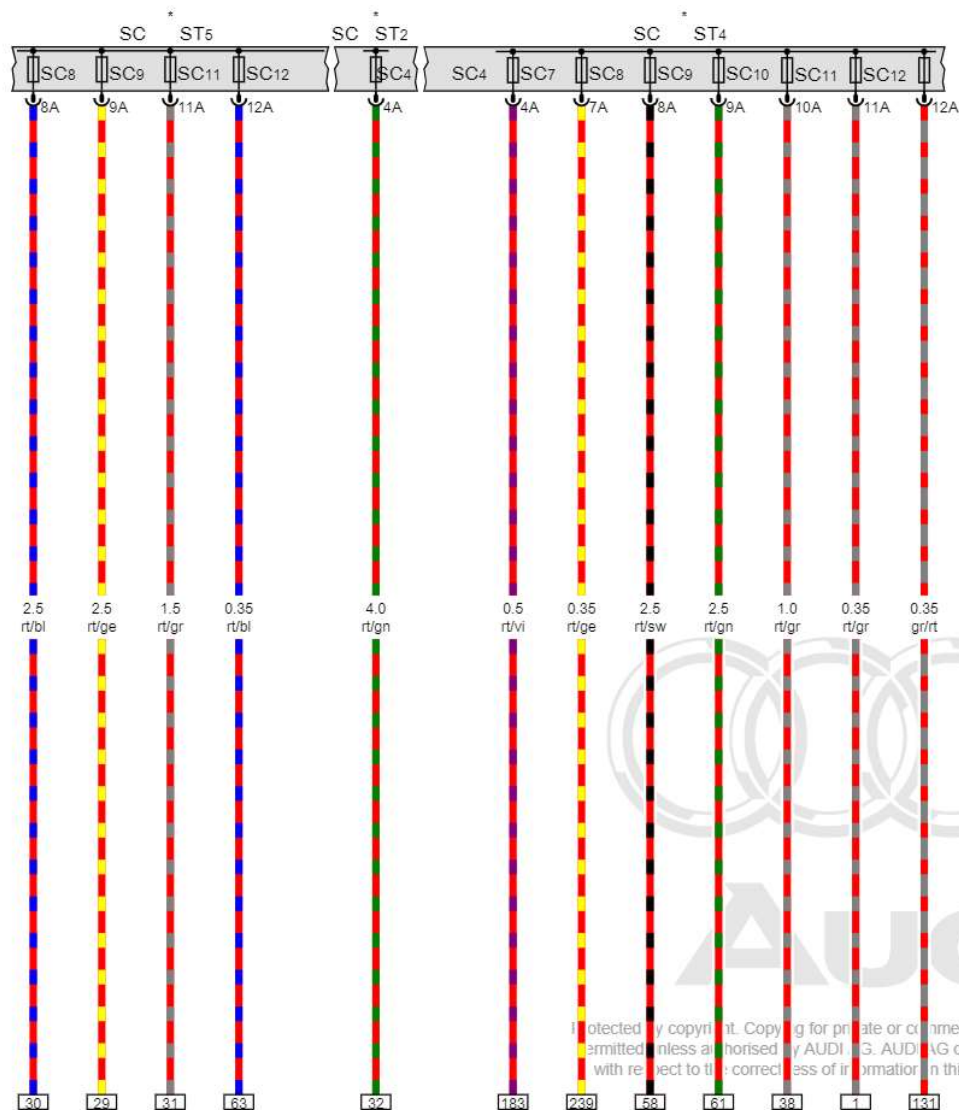


- E Windshield wiper switch
- E2 Turn signal switch
- E22 Windshield wiper intermittent mode switch
- E45 Cruise control switch
- G85 Steering angle sensor
- J527 Steering column electronics control module
- SC Fuse panel C
- ST1 Fuse panel 1
- SC1 Fuse 1 (on fuse panel C)
- SC2 Fuse 2 (on fuse panel C)
- SC6 Fuse 6 (on fuse panel C)
- T17d 17-pin connector, yellow
- B279 Positive connection 3 (15a) (in main wiring harness)
- B663 Suspension sensor CAN bus high connection (in main wiring harness)
- B664 Suspension sensor CAN bus low connection (in main wiring harness)
- \* Refer to applicable wiring diagram for fuse positions
- \*2 Only for vehicles with cruise control

- ws = white
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- gr = grey
- li = lilac
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- ge = yellow
- or = orange
- rs = pink

Fuse panel C, Fuse panel 2, Fuse panel 4, Fuse panel 5

- SC Fuse panel C
- ST2 Fuse panel 2
- SC4 Fuse 4 (on fuse panel C)
- ST4 Fuse panel 4
- ST5 Fuse panel 5
- SC7 Fuse 7 (on fuse panel C)
- SC8 Fuse 8 (on fuse panel C)
- SC9 Fuse 9 (on fuse panel C)
- SC10 Fuse 10 (on fuse panel C)
- SC11 Fuse 11 (on fuse panel C)
- SC12 Fuse 12 (on fuse panel C)
- \* Refer to applicable wiring diagram for fuse positions



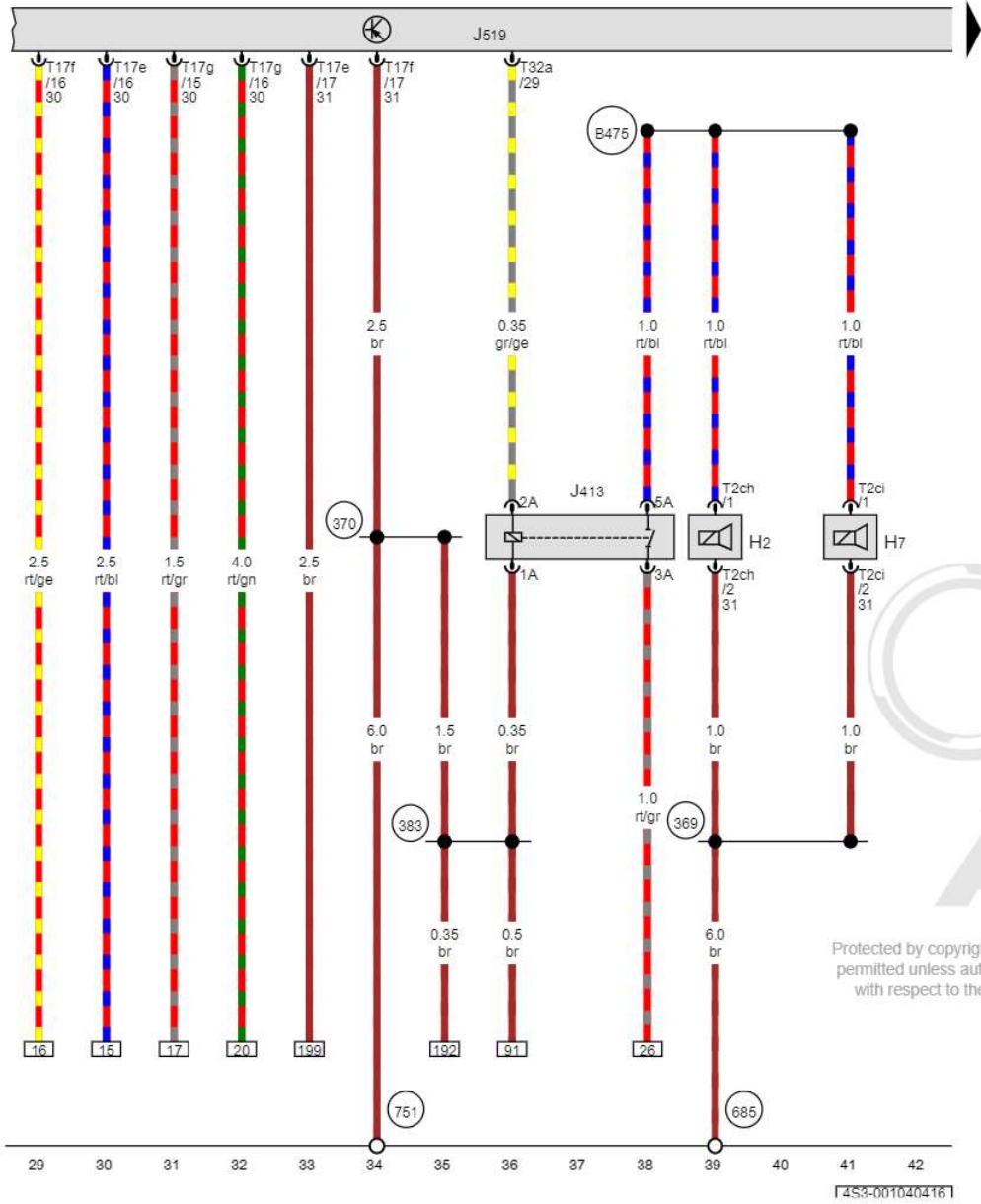
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High tone horn, Low tone horn, Horn relay, Vehicle electrical system control module

- H2 High tone horn
- H7 Low tone horn
- J413 Horn relay
- J519 Vehicle electrical system control module
- T2ch 2-pin connector, black
- T2ci 2-pin connector, black
- T17e 17-pin connector, red
- T17f 17-pin connector, green
- T17g 17-pin connector, black
- T32a 32-pin connector, black

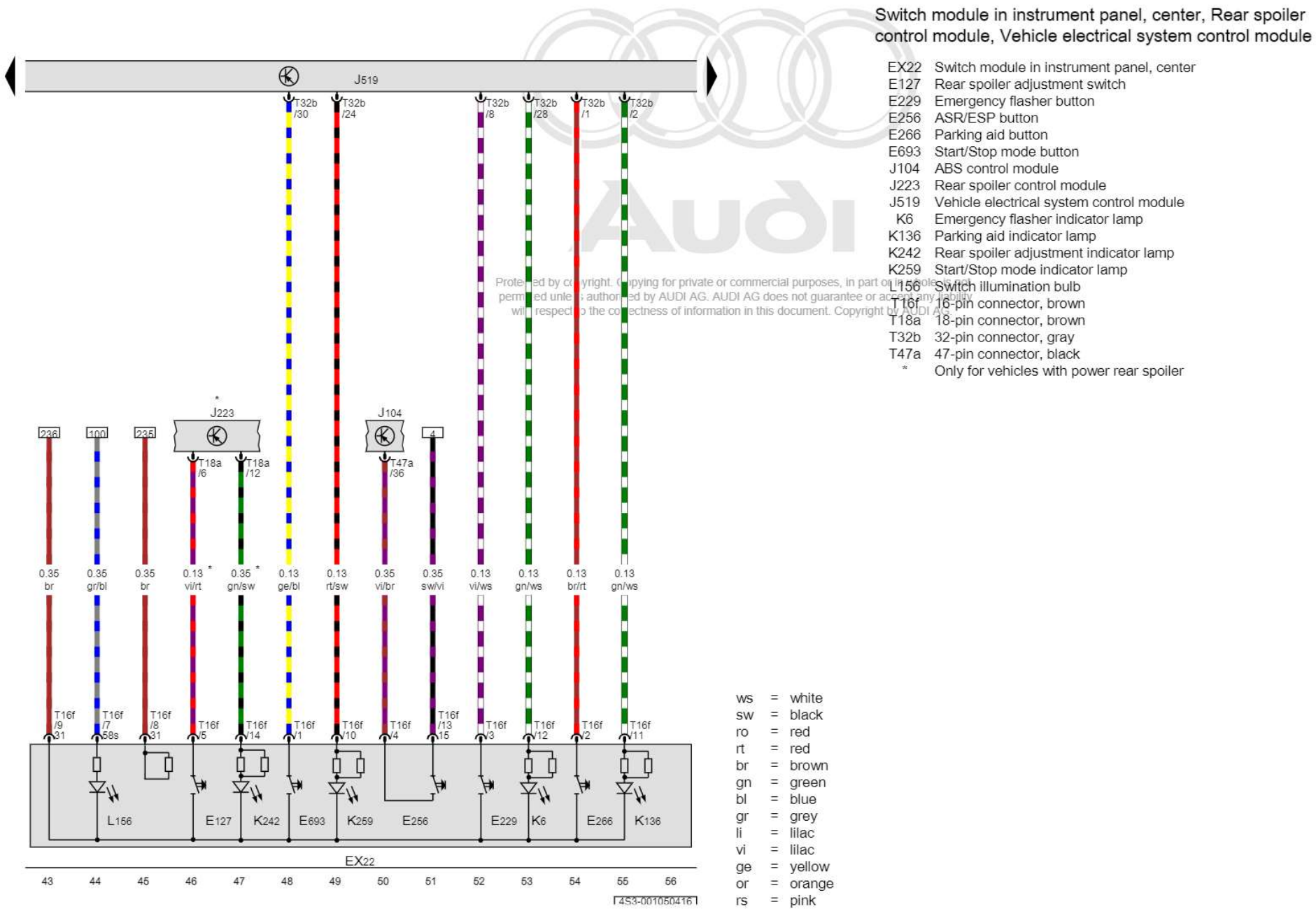
- 369 Ground connection 4 (in main wiring harness)
- 370 Ground connection 5 (in main wiring harness)
- 383 Ground connection 18 (in main wiring harness)
- 685 Ground connection 1 on right front longitudinal member
- 751 Ground connection 2 on right A-pillar
- B475 Connection 11 (in main wiring harness)



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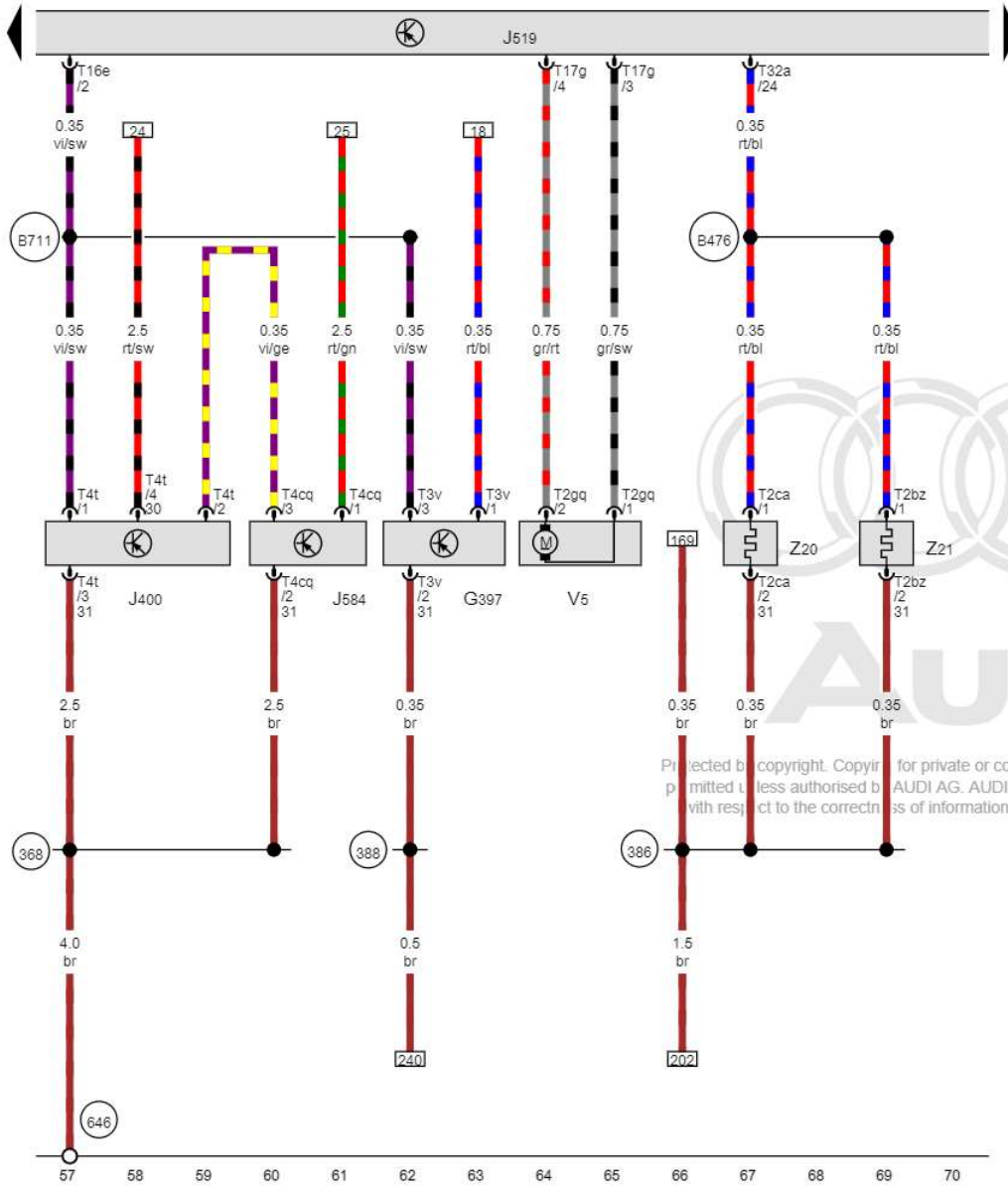
17453-0010404181



Switch module in instrument panel, center, Rear spoiler control module, Vehicle electrical system control module

- EX22 Switch module in instrument panel, center
- E127 Rear spoiler adjustment switch
- E229 Emergency flasher button
- E256 ASR/ESP button
- E266 Parking aid button
- E693 Start/Stop mode button
- J104 ABS control module
- J223 Rear spoiler control module
- J519 Vehicle electrical system control module
- K6 Emergency flasher indicator lamp
- K136 Parking aid indicator lamp
- K242 Rear spoiler adjustment indicator lamp
- K259 Start/Stop mode indicator lamp
- K156 Switch illumination bulb
- L156 Switch illumination bulb
- T16f 16-pin connector, brown
- T18a 18-pin connector, brown
- T32b 32-pin connector, gray
- T47a 47-pin connector, black
- \* Only for vehicles with power rear spoiler

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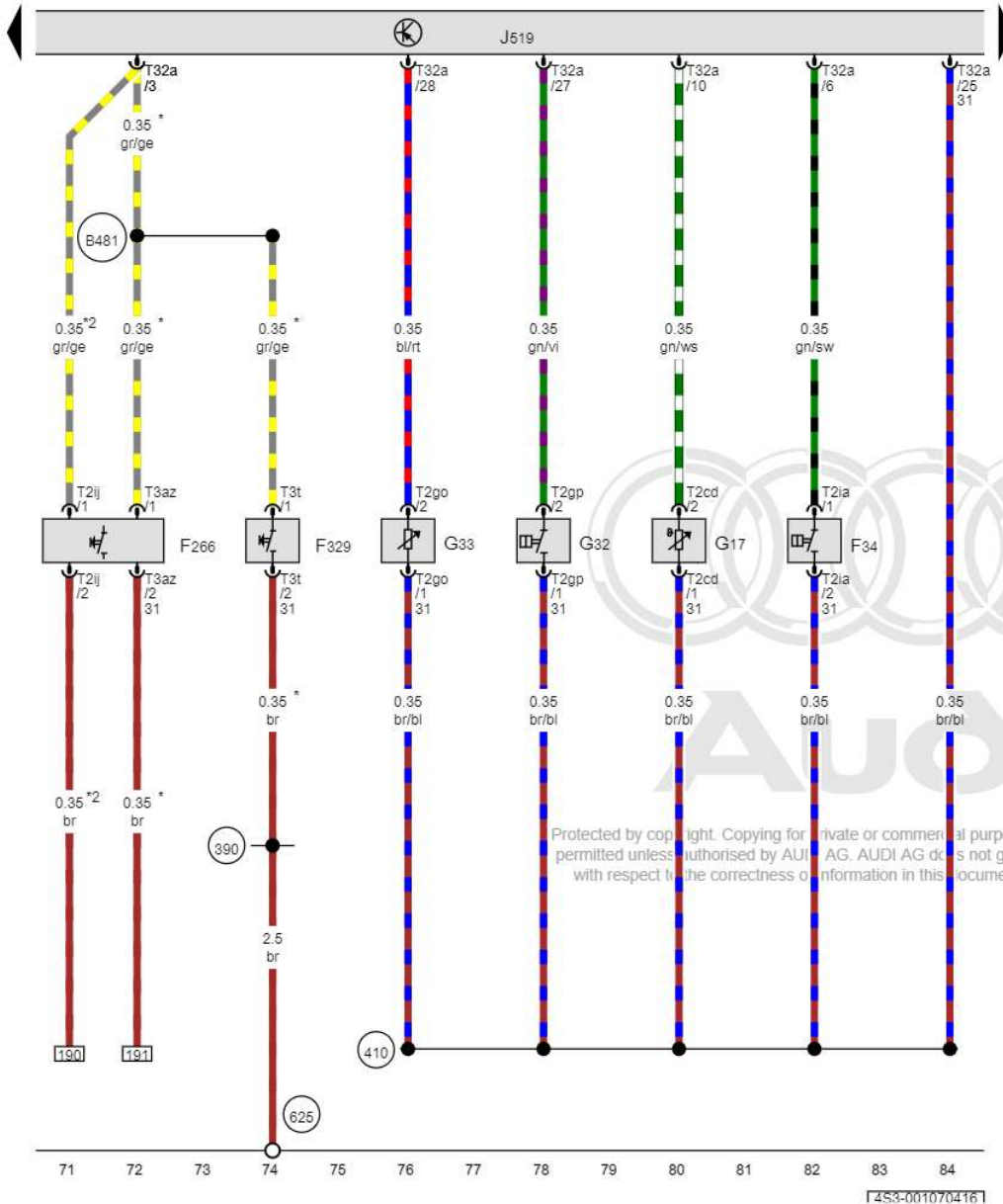
Rain/light recognition sensor, Wiper motor control module, Vehicle electrical system control module, Front passenger windshield wiper motor control module, Windshield washer pump, Left washer nozzle heater, Right washer nozzle heater

- G397 Rain/light recognition sensor
- J400 Wiper motor control module
- J519 Vehicle electrical system control module
- J584 Front passenger windshield wiper motor control module
- T2bz 2-pin connector, black
- T2ca 2-pin connector, black
- T2gq 2-pin connector, black
- T3v 3-pin connector, black
- T4cq 4-pin connector, black
- T4t 4-pin connector, black
- T16e 16-pin connector, brown
- T17g 17-pin connector, black
- T32a 32-pin connector, black
- V5 Windshield washer pump
- Z20 Left washer nozzle heater
- Z21 Right washer nozzle heater

- 368 Ground connection 3 (in main wiring harness)
- 386 Ground connection 21 (in main wiring harness)
- 388 Ground connection 23 (in main wiring harness)
- 646 Ground connection 2 on bulkhead
- B476 Connection 12 (in main wiring harness)
- B711 LIN bus connection 6 (in main wiring harness)

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1753-0010604181



Brake fluid level warning switch, Engine hood contact switch, Hood contact switch 2, Outside air temperature sensor, Engine coolant level sensor, Windshield washer fluid level sensor, Vehicle electrical system control module

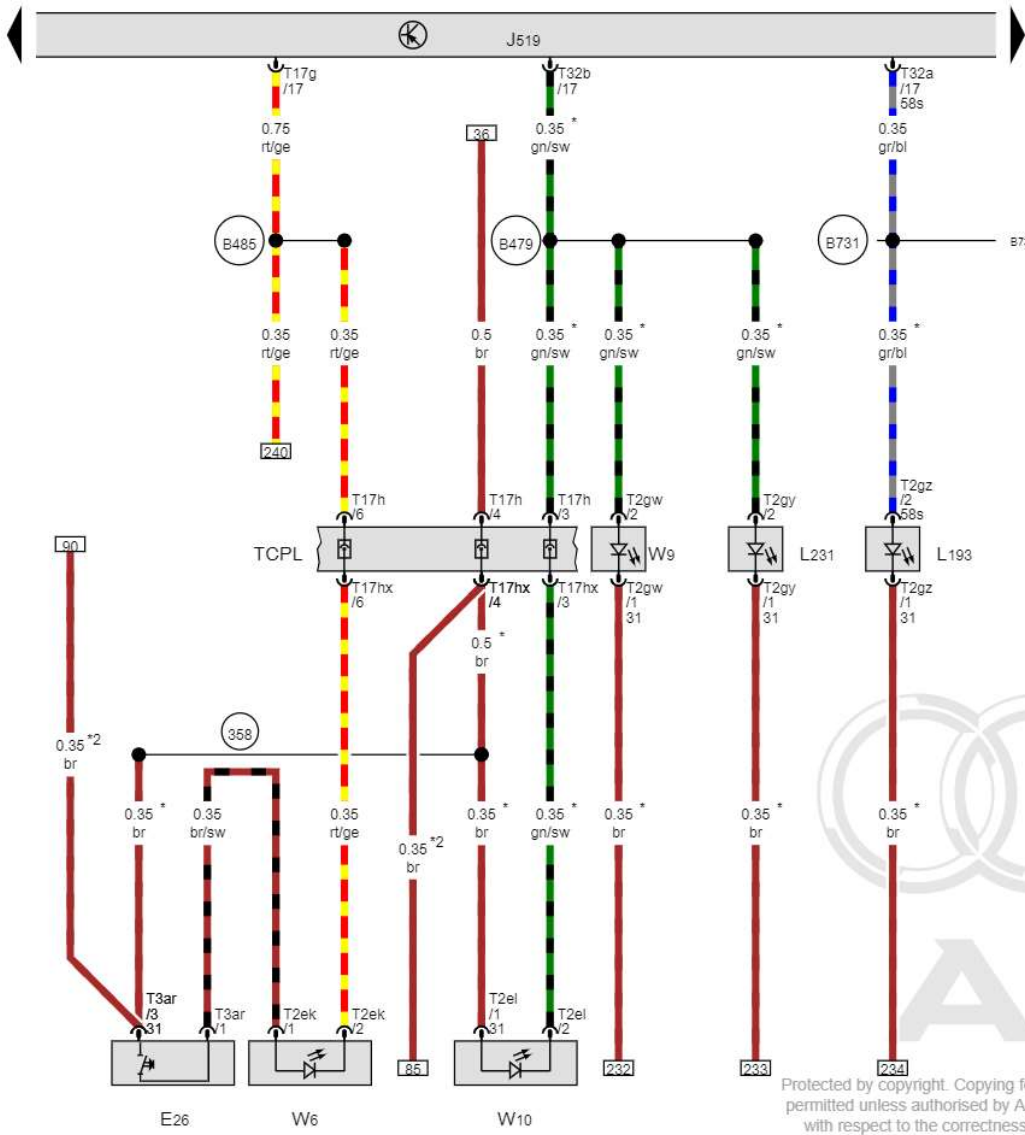
- F34 Brake fluid level warning switch
- F266 Engine hood contact switch
- F329 Hood contact switch 2
- G17 Outside air temperature sensor
- G32 Engine coolant level sensor
- G33 Windshield washer fluid level sensor
- J519 Vehicle electrical system control module
- T2cd 2-pin connector, black
- T2go 2-pin connector, black
- T2gp 2-pin connector, black
- T2ia 2-pin connector, black
- T2ij 2-pin connector, black
- T3az 3-pin connector, black
- T3t 3-pin connector, black
- T32a 32-pin connector, black

- 390 Ground connection 25 (in main wiring harness)
- 410 Sensor ground connection 1 (in main wiring harness)
- 625 Left tail lamp ground connection
- B481 Connection 17 (in main wiring harness)
- \* Coupe
- \*2 Only for Audi R8 Spyder

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1453-0010704181



Glove compartment lamp switch, Vehicle electrical system control module, Front center console ambient lighting bulb 1, Center instrument panel ambient lighting lamp, Glove compartment lamp, Left footwell lamp, Right footwell lamp

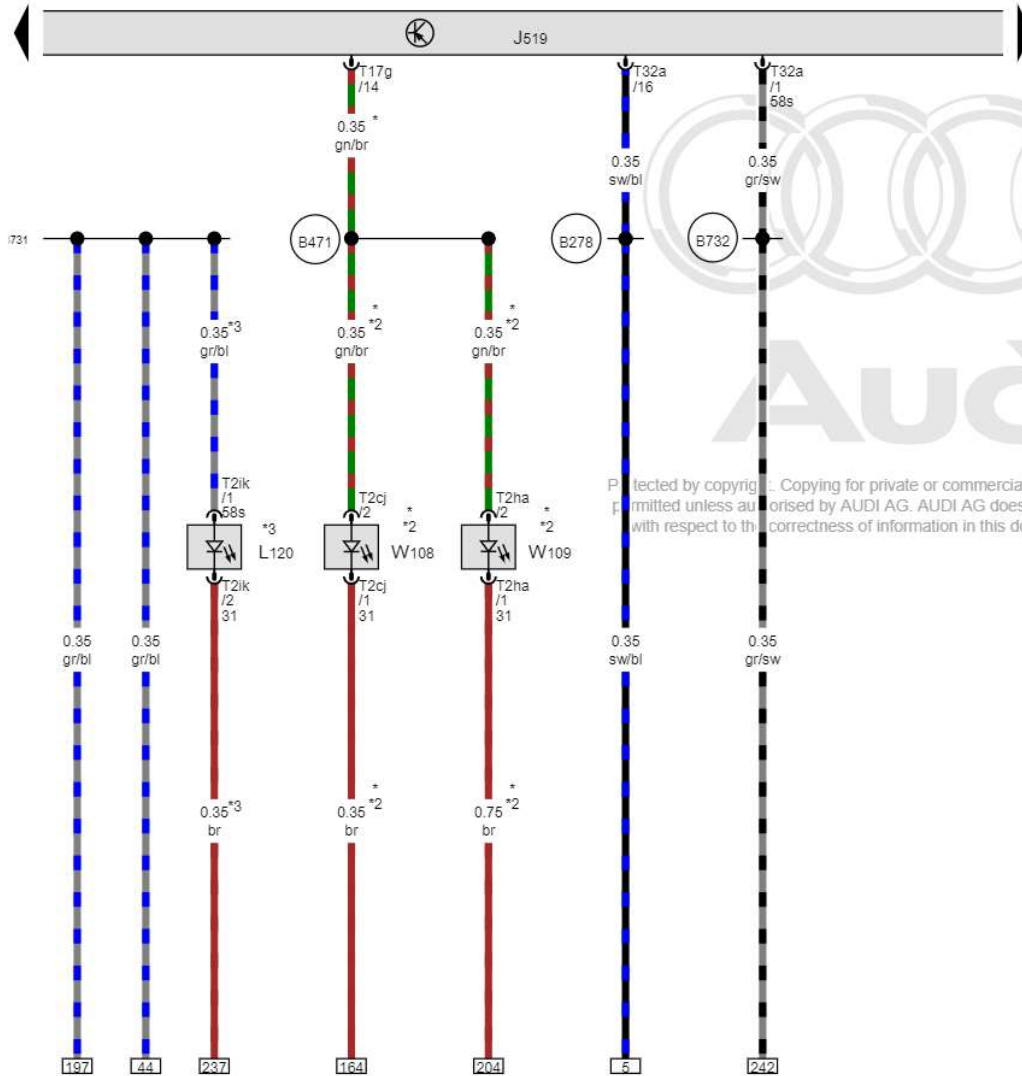
- E26 Glove compartment lamp switch
- J519 Vehicle electrical system control module
- L193 Front center console ambient lighting bulb 1
- L231 Center instrument panel ambient lighting lamp
- T2ek 2-pin connector, black
- T2el 2-pin connector, black
- T2gw 2-pin connector, black
- T2gy 2-pin connector, black
- T2gz 2-pin connector, black
- T3ar 3-pin connector, black
- T17g 17-pin connector, black
- T17h 17-pin connector, yellow
- T17hx 17-pin connector, yellow
- T32a 32-pin connector, black
- T32b 32-pin connector, gray
- TCPL Coupling point on instrument panel, left
- W6 Glove compartment lamp
- W9 Left footwell lamp
- W10 Right footwell lamp
- 358 Ground connection (in glove compartment wiring harness)
- B479 Connection 15 (in main wiring harness)
- B485 Connection 21 (in main wiring harness)
- B731 Connection 58s (in main wiring harness) 1
- \* Only for vehicles with auxiliary lamps
- \*2 Only for vehicles without auxiliary lamps

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85 86 87 88 89 90 91 92 93 94 95 96 97 98  
[453-001080418]





Vehicle electrical system control module, Storage compartment illumination bulb, Left engine compartment lamp, Right engine compartment lamp

- J519 Vehicle electrical system control module
- L120 Storage compartment illumination bulb
- T2cj 2-pin connector, black
- T2ha 2-pin connector, black
- T2ik 2-pin connector, black
- T17g 17-pin connector, black
- T32a 32-pin connector, black
- W108 Left engine compartment lamp
- W109 Right engine compartment lamp

- B278 Positive connection 2 (15a) (in main wiring harness)
- B471 Connection 7 (in main wiring harness)
- B731 Connection 58s (in main wiring harness) 1
- B732 Connection 58s (in main wiring harness) 2

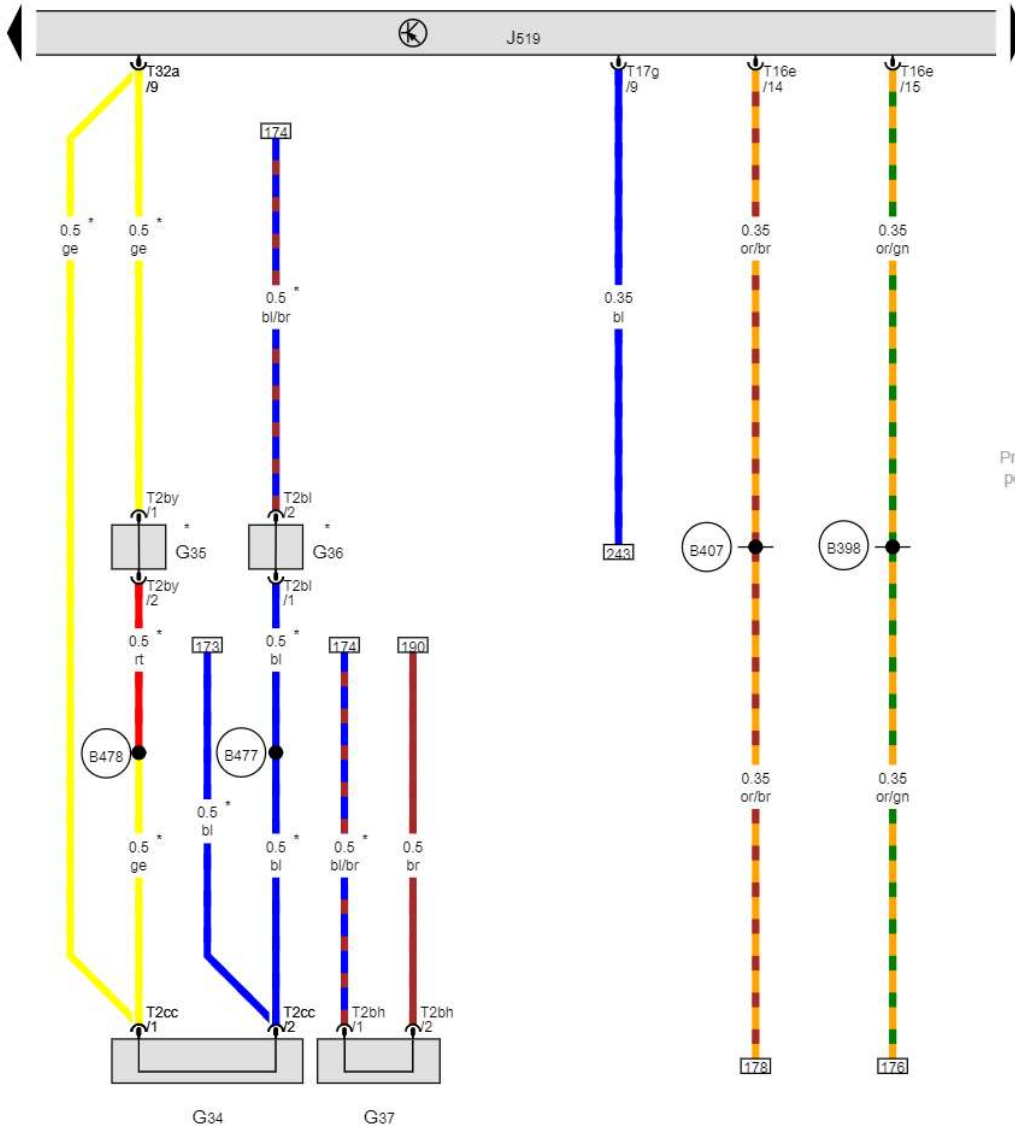
- \* Only for vehicles with auxiliary lamps
- \*2 Coupe
- \*3 Only for Audi R8 Spyder

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

1753-0010904181

Left front brake pad wear sensor, Right front brake pad wear sensor, Left rear brake pad wear sensor, Right rear brake pad wear sensor, Vehicle electrical system control module



- G34 Left front brake pad wear sensor
- G35 Right front brake pad wear sensor
- G36 Left rear brake pad wear sensor
- G37 Right rear brake pad wear sensor
- J519 Vehicle electrical system control module
- T2bh 2-pin connector, black
- T2bl 2-pin connector, black
- T2by 2-pin connector, black
- T2cc 2-pin connector, black
- T16e 16-pin connector, brown
- T17g 17-pin connector, black
- T32a 32-pin connector, black

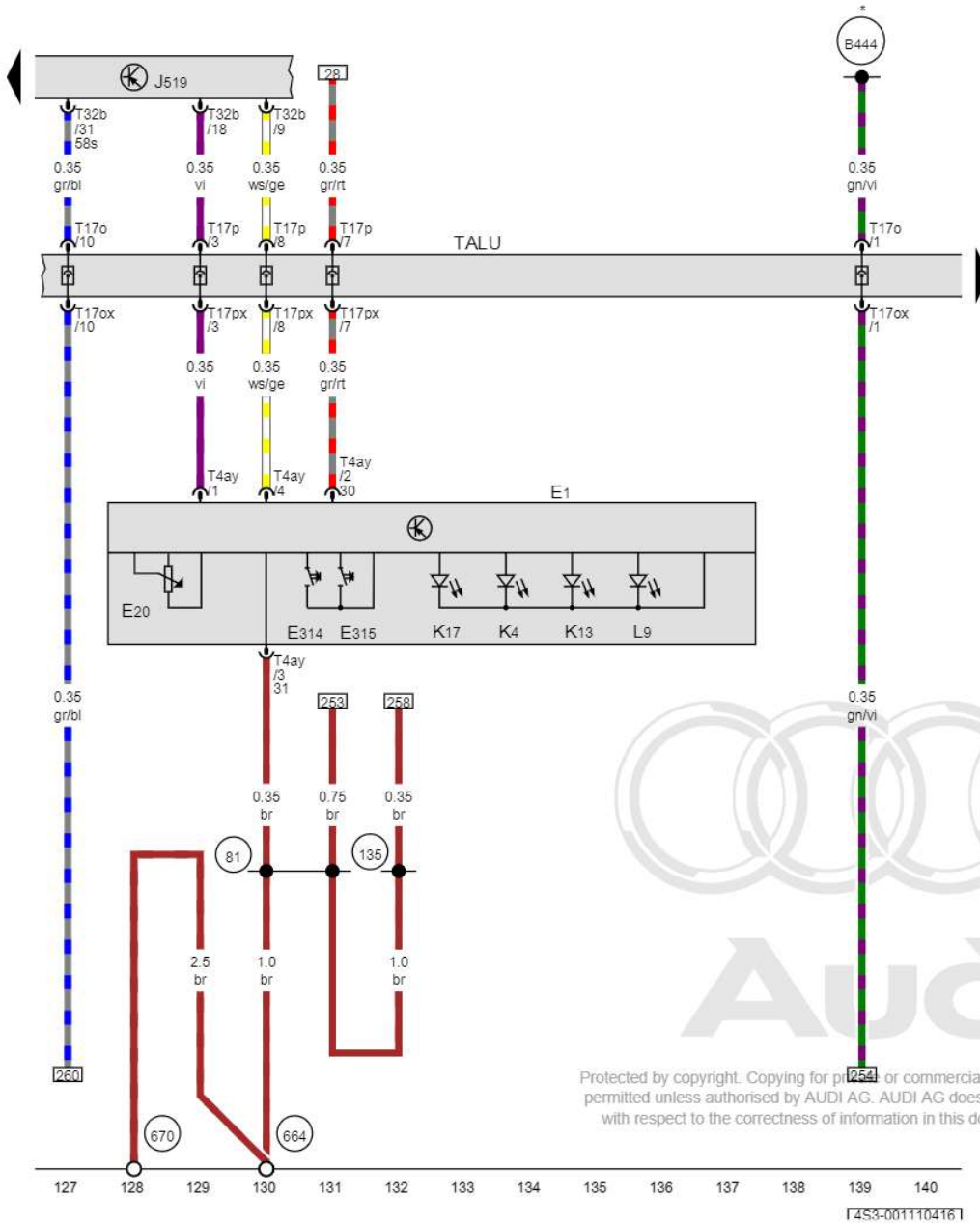
- B398 Comfort system CAN bus high connection 2 (in main wiring harness)
- B407 Comfort system CAN bus low connection 2 (in main wiring harness)
- B477 Connection 13 (in main wiring harness)
- B478 Connection 14 (in main wiring harness)
- \* Depending on equipment

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113 114 115 116 117 118 119 120 121 122 123 124 125 126  
[453-001100418]

Light switch, Vehicle electrical system control module

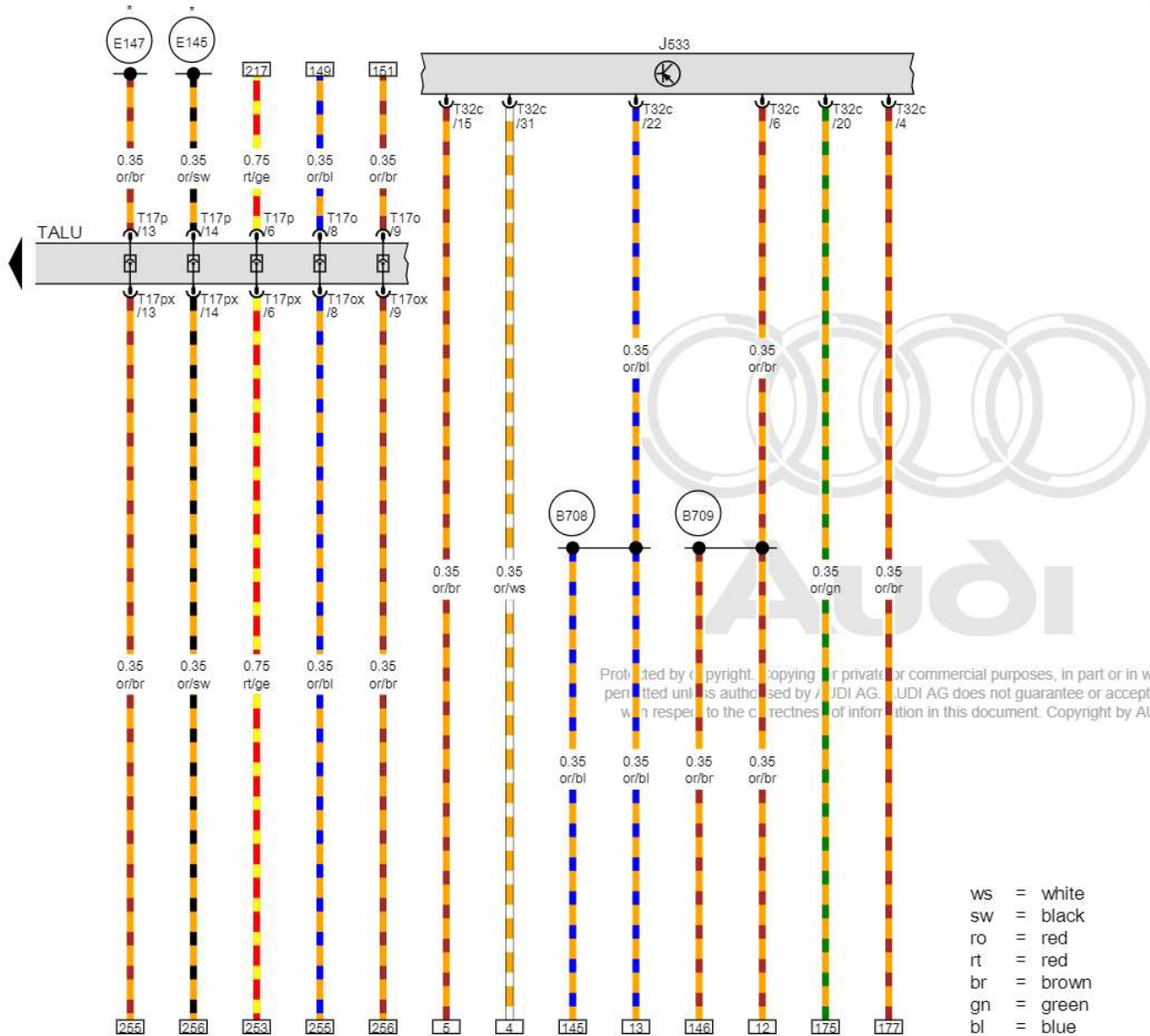


- E1 Light switch
- E20 Instrument panel and switch illumination dimmer switch
- E314 Rear fog lamp button
- E315 Fog lamp button
- J519 Vehicle electrical system control module
- K4 Position lamp indicator lamp
- K13 Rear fog lamp indicator lamp
- K17 Fog lamp indicator lamp
- L9 Headlamp switch illumination bulb
- T4ay 4-pin connector, black
- T17o 17-pin connector, black
- T17ox 17-pin connector, black
- T17p 17-pin connector, brown
- T17px 17-pin connector, brown
- T32b 32-pin connector, gray
- TALU Coupling point on left A-pillar, bottom
- 81 Ground connection 1 (in instrument panel wiring harness)
- 135 Ground connection 2 (in instrument panel wiring harness)
- 664 Ground connection behind instrument panel, left
- 670 Ground connection 2 on left A-pillar
- B444 OBD connection 1 (in main wiring harness)
- \* Refer to applicable wiring diagram for data bus networking

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[453-001110418]



Data bus on board diagnostic interface

- J533 Data bus on board diagnostic interface
- T17o 17-pin connector, black
- T17ox 17-pin connector, black
- T17p 17-pin connector, brown
- T17px 17-pin connector, brown
- T32c 32-pin connector, black
- TALU Coupling point on left A-pillar, bottom
- B708** Instrument cluster CAN bus high connection 1 (in main wiring harness)
- B709** Instrument cluster CAN bus low connection 1 (in main wiring harness)
- E145** Connection 1 (CAN bus information electronics control module 1, high)
- E147** Connection 1 (CAN bus information electronics control module 1, low)
- \* Refer to applicable MMI (information electronics) wiring diagram

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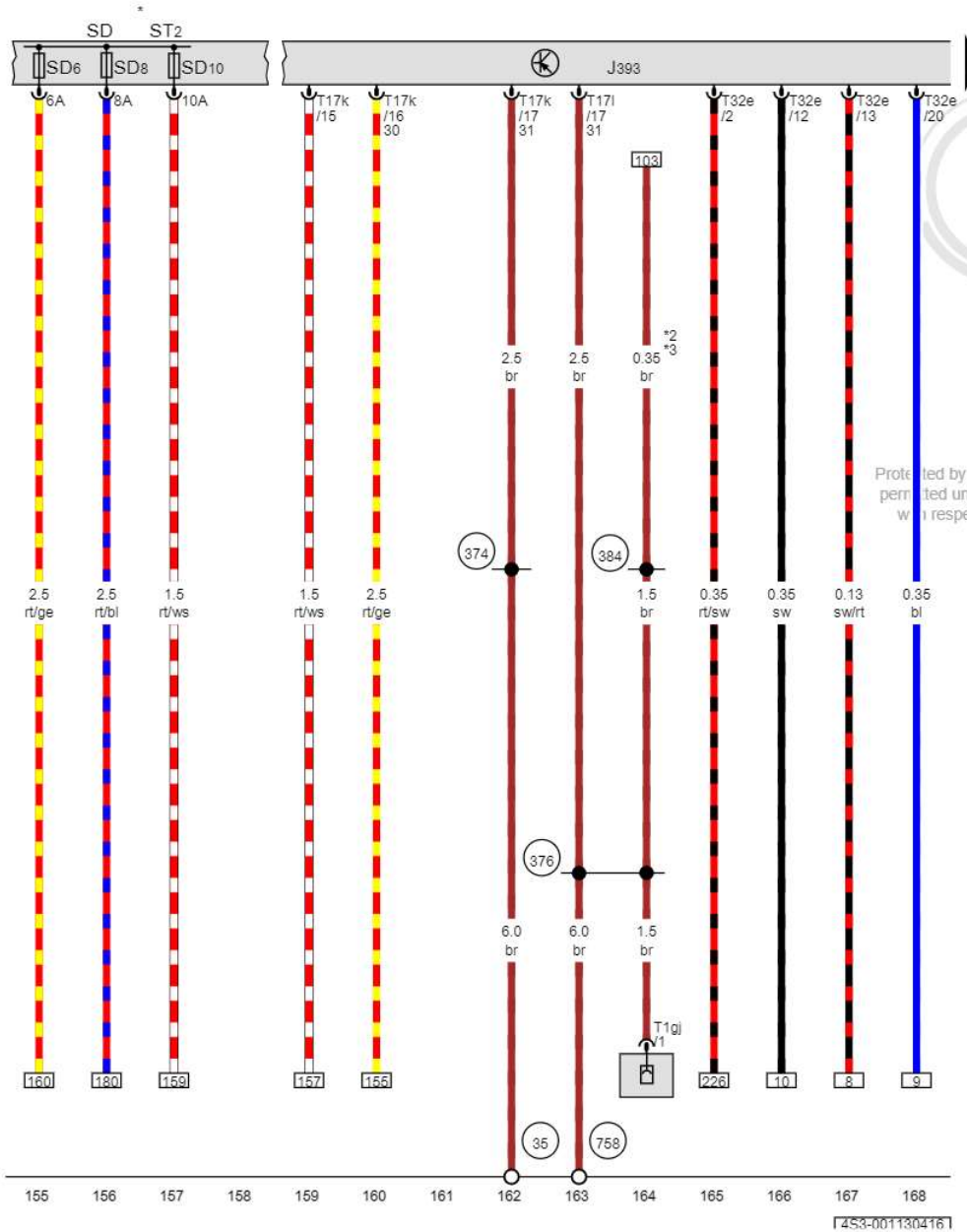
141 142 143 144 145 146 147 148 149 150 151 152 153 154  
 [453-001120416]

Comfort system central control module

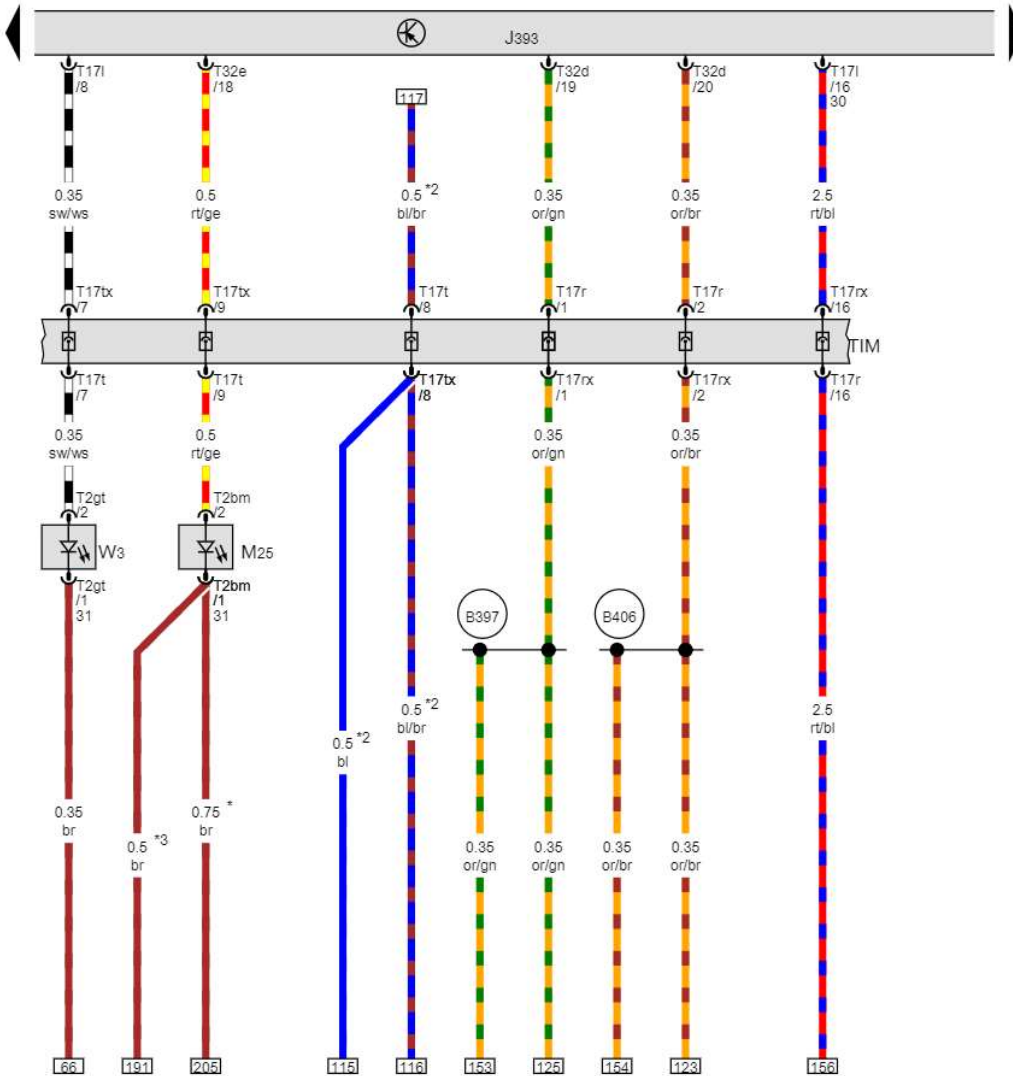
- J393 Comfort system central control module
- SD Fuse panel D
- ST2 Fuse panel 2
- SD6 Fuse 6 (on fuse panel D)
- SD8 Fuse 8 (on fuse panel D)
- SD10 Fuse 10 (on fuse panel D)
- T1gj 1-pin connector
- T17k 17-pin connector, black
- T17l 17-pin connector, brown
- T32e 32-pin connector, gray

- 35 Ground connection under front passenger seat
- 374 Ground connection 9 (in main wiring harness)
- 376 Ground connection 11 (in main wiring harness)
- 384 Ground connection 19 (in main wiring harness)
- 758 Ground connection 3 on center tunnel

- \* Refer to applicable wiring diagram for fuse positions
- \*2 Only for vehicles with auxiliary lamps
- \*3 Coupe



1253-0011304161

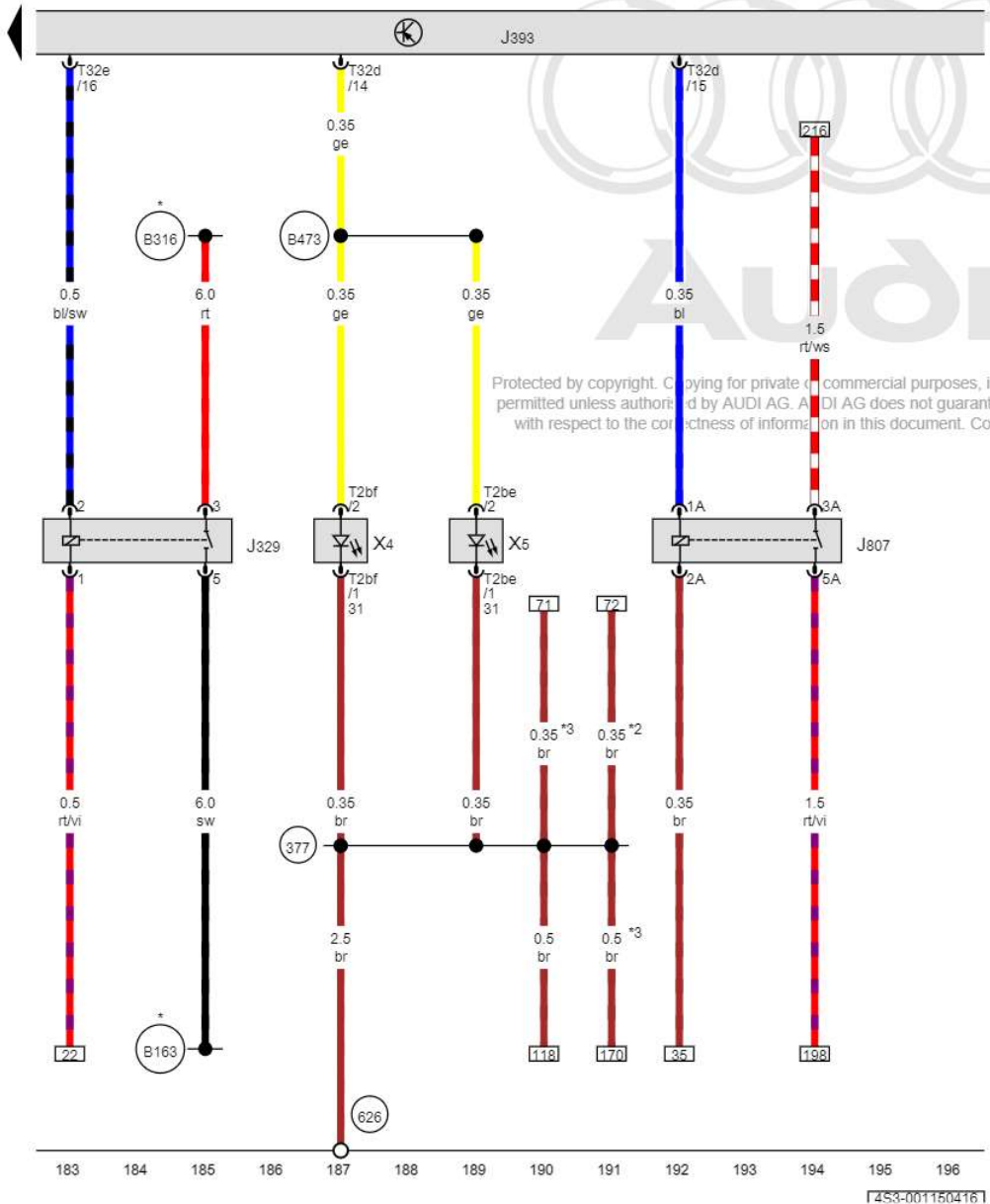


Comfort system central control module, High-mounted brake lamp bulb, Luggage compartment lamp

- J393 Comfort system central control module
- M25 High-mounted brake lamp bulb
- T2bm 2-pin connector, black
- T2gt 2-pin connector, black
- T171 17-pin connector, brown
- T17r 17-pin connector, black
- T17x 17-pin connector, black
- T17t 17-pin connector, brown
- T17tx 17-pin connector, brown
- T32d 32-pin connector, black
- T32e 32-pin connector, gray
- TIM Coupling point in interior, center
- W3 Luggage compartment lamp
- (B397) Comfort system CAN bus high connection 1 (in main wiring harness)
- (B406) Comfort system CAN bus low connection 1 (in main wiring harness)
- \* Coupe
- \*2 Depending on equipment
- \*3 Only for Audi R8 Spyder

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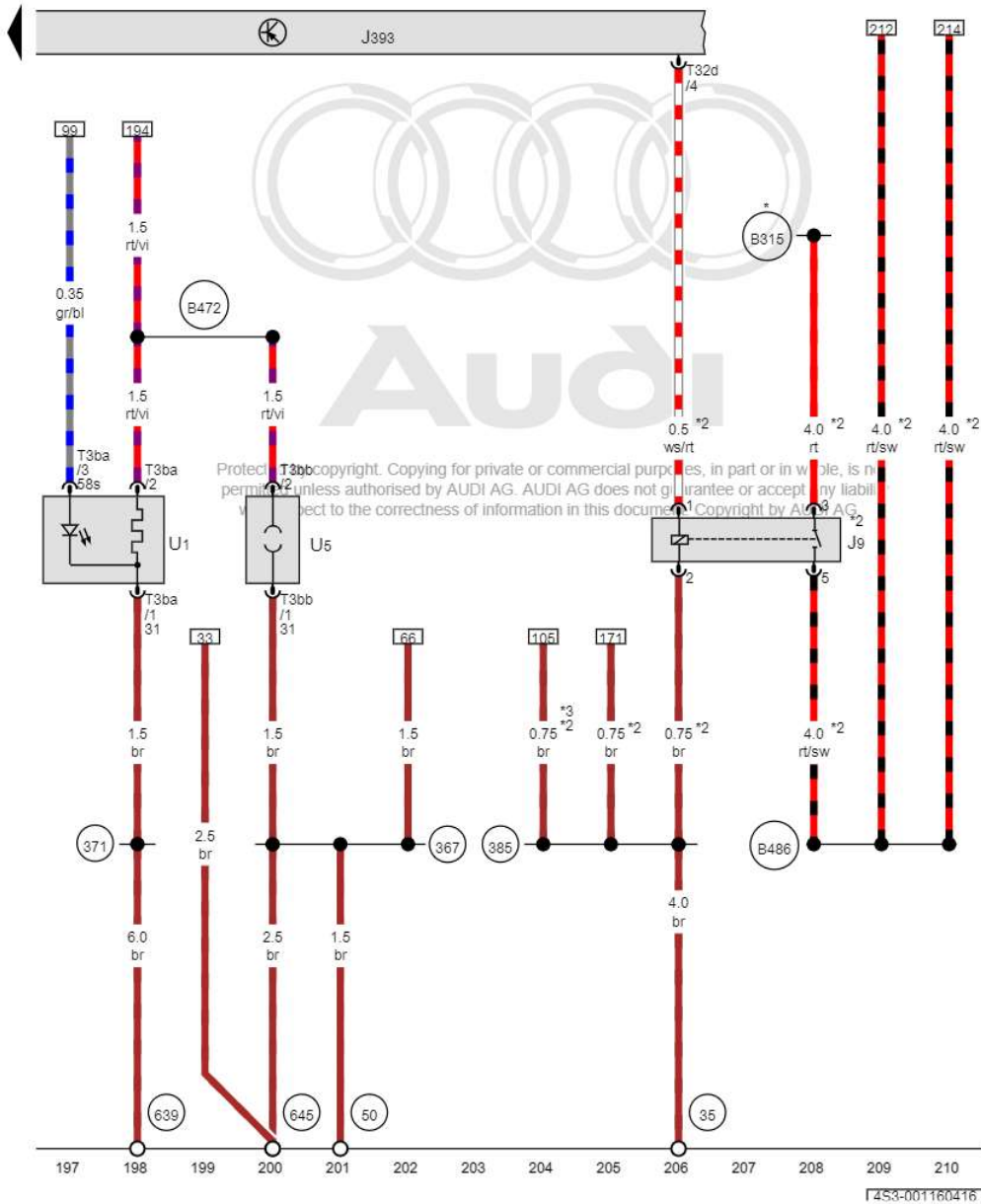


Terminal 15 power supply relay, Comfort system central control module, Left license plate lamp, Right license plate lamp

- J329 Terminal 15 power supply relay
- J393 Comfort system central control module
- J807 Sockets relay
- T2be 2-pin connector, black
- T2bf 2-pin connector, black
- T32d 32-pin connector, black
- T32e 32-pin connector, gray
- X4 Left license plate lamp
- X5 Right license plate lamp
- 377 Ground connection 12 (in main wiring harness)
- 626 Right tail lamp ground connection
- B163 Positive connection 1 (15) (in interior wiring harness)
- B316 Positive connection 2 (30a) (in main wiring harness)
- B473 Connection 9 (in main wiring harness)
- \* Refer to applicable wiring diagram for fuse positions
- \*2 Coupe
- \*3 Only for Audi R8 Spyder

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17453-0011504161



Rear window defogger relay, Comfort system central control module, Cigarette lighter, 12 V socket

- J9 Rear window defogger relay
- J393 Comfort system central control module
- T3ba 3-pin connector, black
- T3bb 3-pin connector, black
- T32d 32-pin connector, black
- U1 Cigarette lighter
- U5 12 V socket
- 35 Ground connection under front passenger seat
- 50 Ground connection in luggage compartment, left
- 367 Ground connection 2 (in main wiring harness)
- 371 Ground connection 6 (in main wiring harness)
- 385 Ground connection 20 (in main wiring harness)
- 639 Ground connection on left A-pillar
- 645 Ground connection 1 on bulkhead
- B315 Positive connection 1 (30a) (in main wiring harness)
- B472 Connection 8 (in main wiring harness)
- B486 Connection 22 (in main wiring harness)
- \* Refer to applicable wiring diagram for fuse positions
- \*2 Coupe
- \*3 Only for vehicles with auxiliary lamps

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1253-0011604161



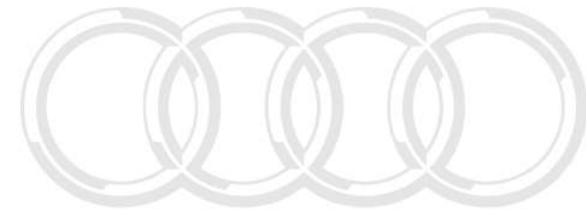
Rear window defogger, Partition window defogger

- SC Fuse panel C
- SD1 Fuse 1 (on fuse panel D)
- ST1 Fuse panel 1
- SD2 Fuse 2 (on fuse panel D)
- SD3 Fuse 3 (on fuse panel D)
- ST3 Fuse panel 3
- SC6 Fuse 6 (on fuse panel C)
- SC7 Fuse 7 (on fuse panel C)
- SD Fuse panel D
- T2fg 2-pin connector, black
- Z1 Rear window defogger
- Z106 Partition window defogger

12 Ground connection in engine compartment, left

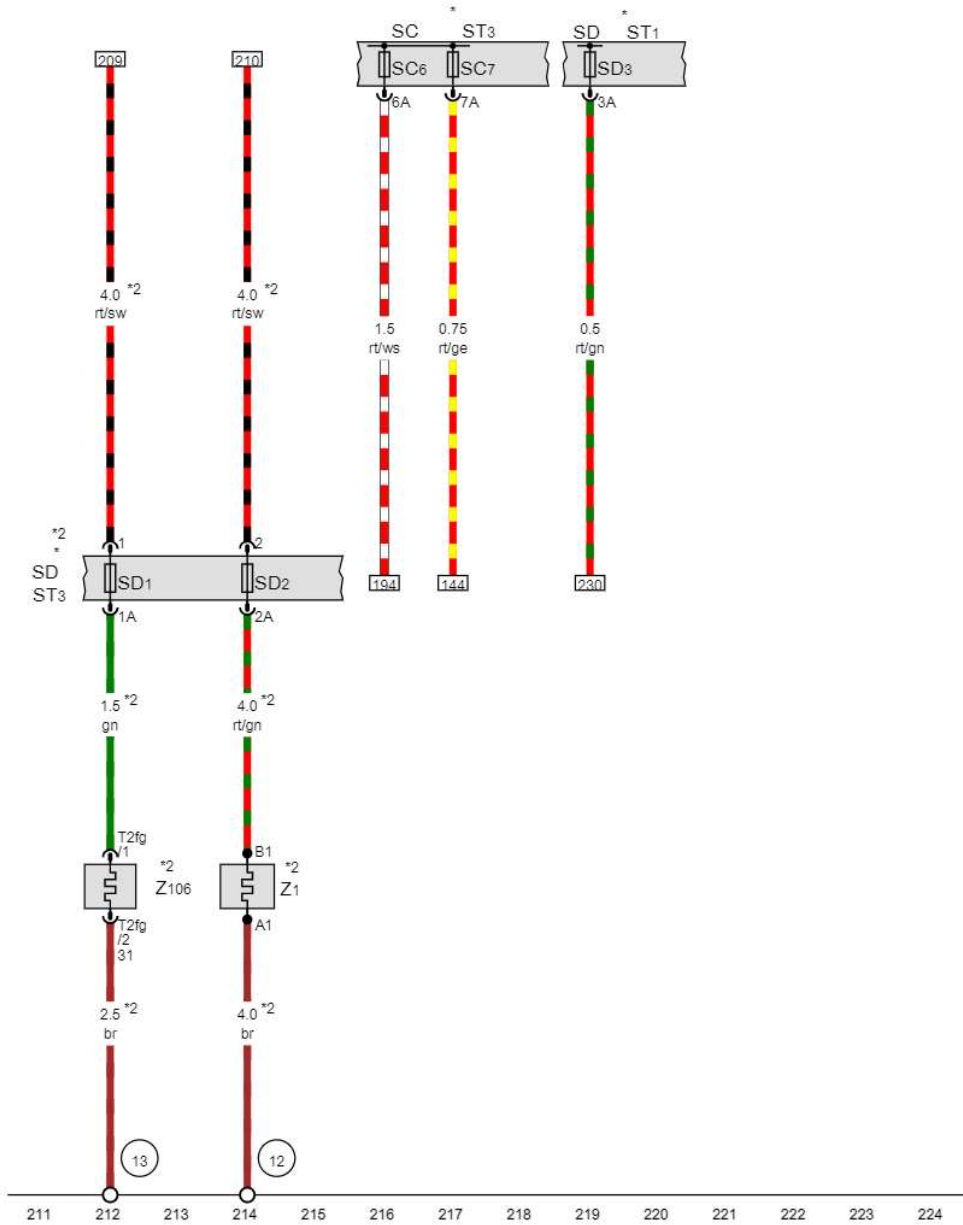
13 Ground connection in engine compartment, right

\* Refer to applicable wiring diagram for fuse positions  
 \*2 Coupe



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1253-0011704161

Brake lamp switch, Engine control module

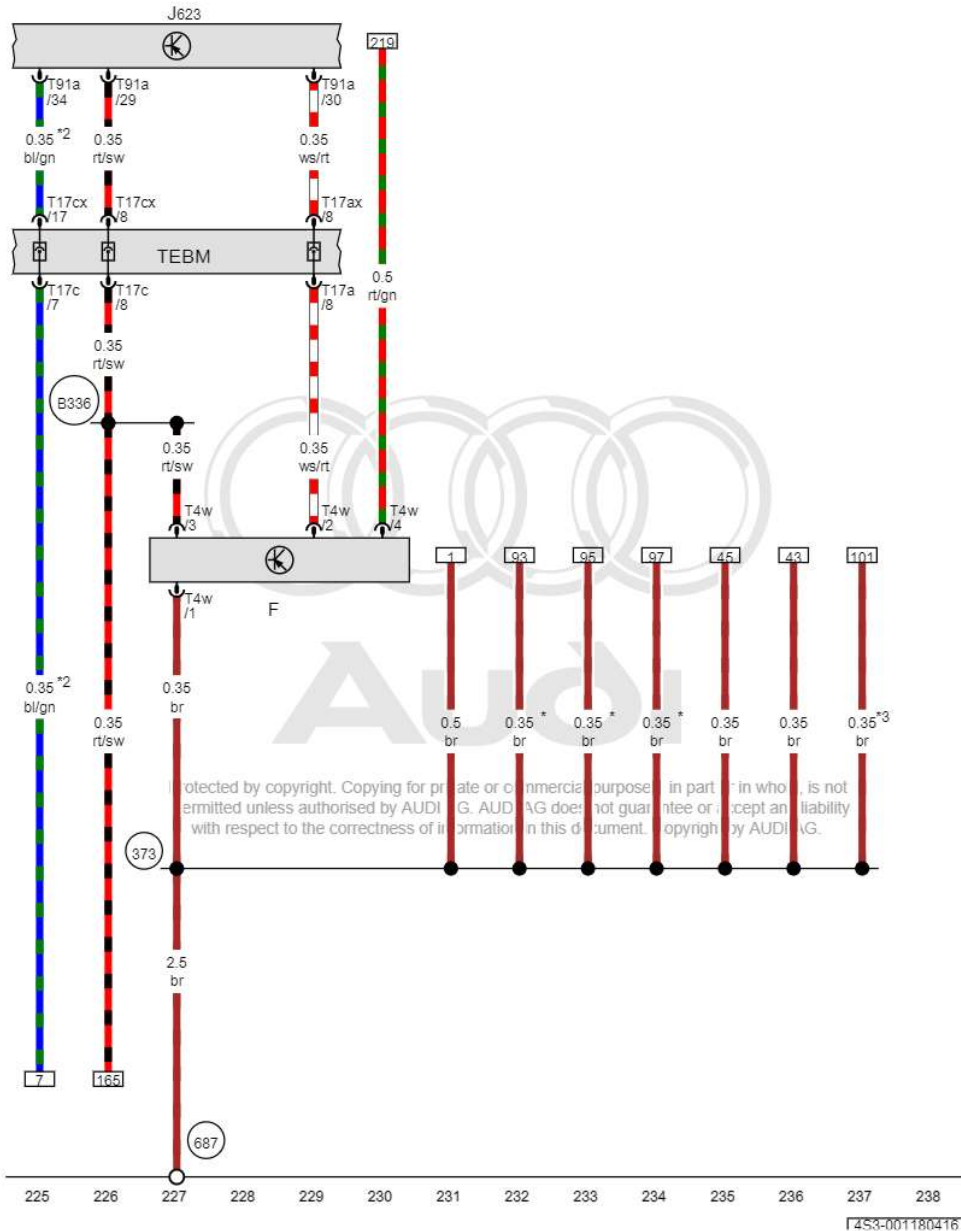
- F Brake lamp switch
- J623 Engine control module
- T4w 4-pin connector
- T17a 17-pin connector, black
- T17ax 17-pin connector, black
- T17c 17-pin connector, red
- T17cx 17-pin connector, red
- T91a 91-pin connector, black
- TEBM Coupling point in the engine compartment E-box

373 Ground connection 8 (in main wiring harness)

687 Ground connection 1 on center tunnel

B336 Connection 54 (in main wiring harness) 2

- \* Only for vehicles with auxiliary lamps
- \*2 Only for vehicles with cruise control
- \*3 Only for Audi R8 Spyder



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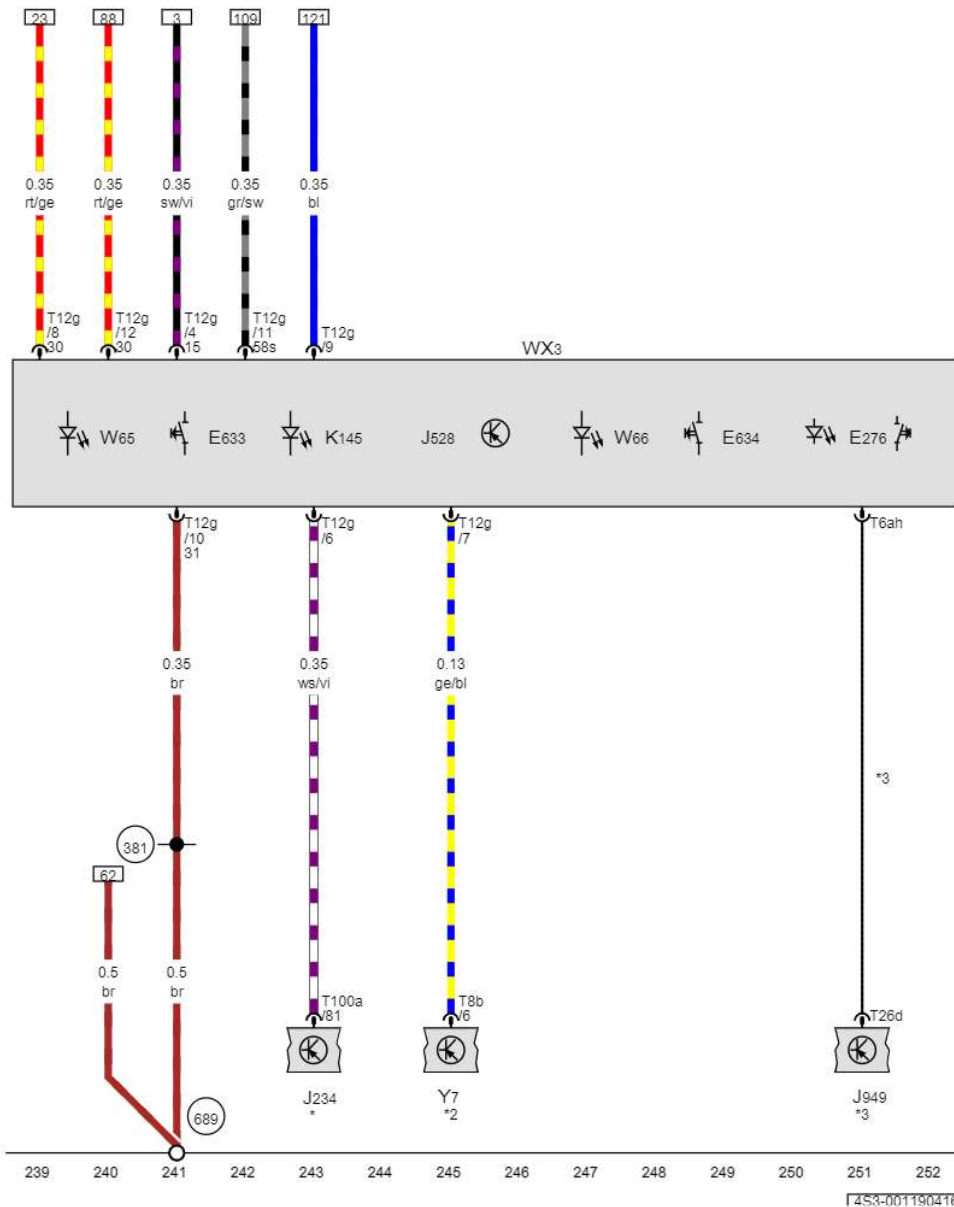
1453-0011804161

Emergency call button, Airbag control module, Front passenger airbag -disabled- indicator lamp, Front roof module, Left front reading lamp, Right front reading lamp, Automatic dimming interior rearview mirror

- E276 Emergency call button
- E633 Left front reading lamp button
- E634 Right front reading lamp button
- J234 Airbag control module
- J528 Roof electronics control module
- J949 Control module for emergency call module and communication unit
- K145 Front passenger airbag -disabled- indicator lamp
- T6ah 6-pin connector, black
- T8b 8-pin connector, black
- T12g 12-pin connector, black
- T26d 26-pin connector, black
- T100a 100-pin connector, yellow
- WX3 Front roof module
- W65 Left front reading lamp
- W66 Right front reading lamp
- Y7 Automatic dimming interior rearview mirror

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- 381 Ground connection 16 (in main wiring harness)
- 689 Ground connection on roof, center front
- \* Refer to applicable airbag wiring diagram
- \*2 Refer to the applicable interior rearview mirror wiring diagram
- \*3 Only for vehicles with emergency call module

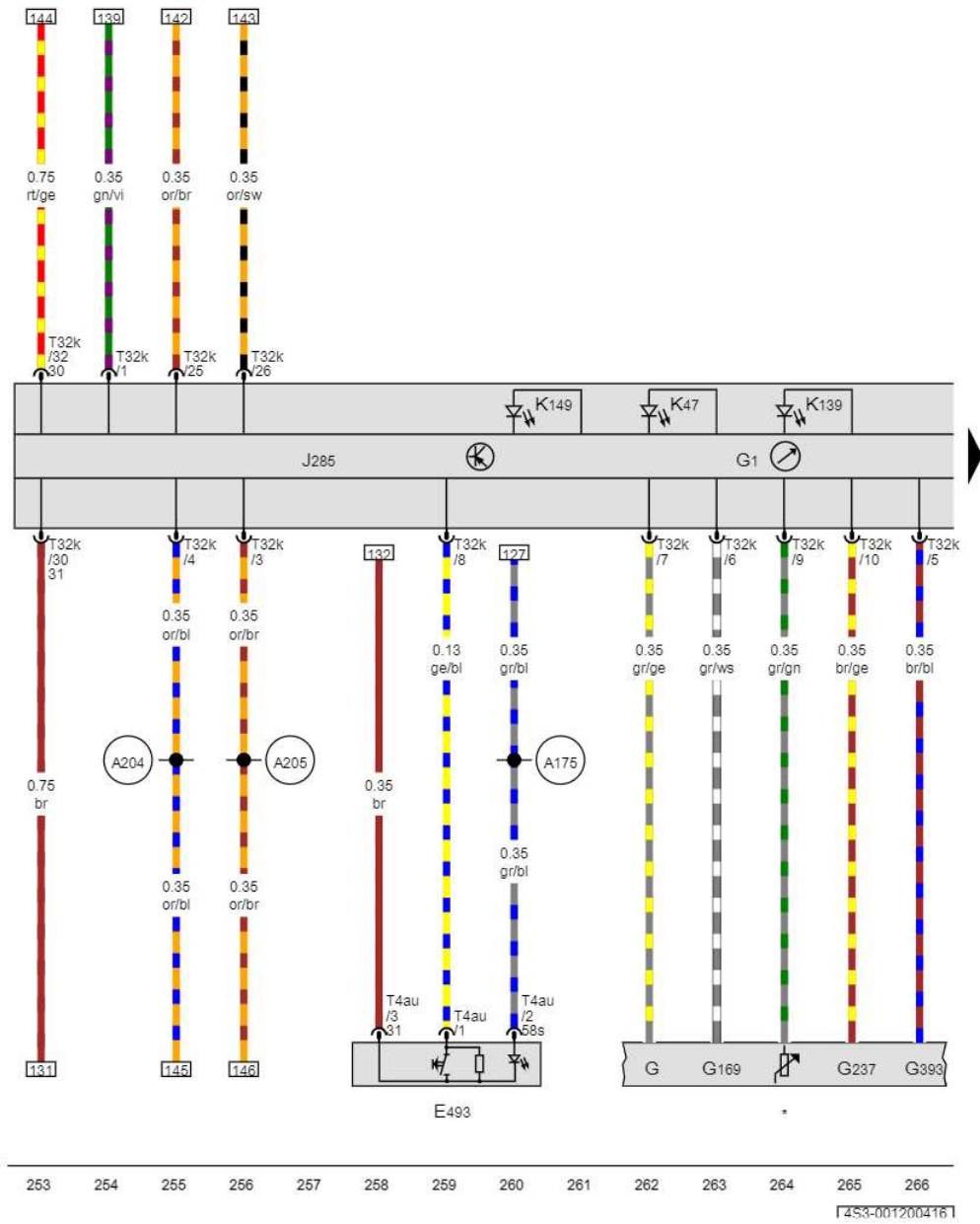


1253-0011904161

Instrument cluster operation button, Fuel level sensor 3, Instrument cluster control module

- E493 Instrument cluster operation button
- G Fuel level sensor
- G1 Fuel gauge
- G169 Fuel level sensor 2
- G237 Fuel level sensor 3
- G393 Fuel level sensor 4
- J285 Instrument cluster control module
- K47 ABS indicator lamp
- K139 Parking brake indicator lamp
- K149 Engine electronics indicator lamp
- T4au 4-pin connector, black
- T17ox 17-pin connector, black
- T17px 17-pin connector, brown
- T32k 32-pin connector, gray

- A175 Connection 58s (in instrument panel wiring harness)
- A204 Instrument cluster CAN bus high connection (in instrument panel wiring harness)
- A205 Instrument cluster CAN bus low connection (in instrument panel wiring harness)
- \* Refer to applicable engine wiring diagram



- ws = white
- sw = black
- ro = red
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- gn = green
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- li = lilac
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- or = orange
- rs = pink

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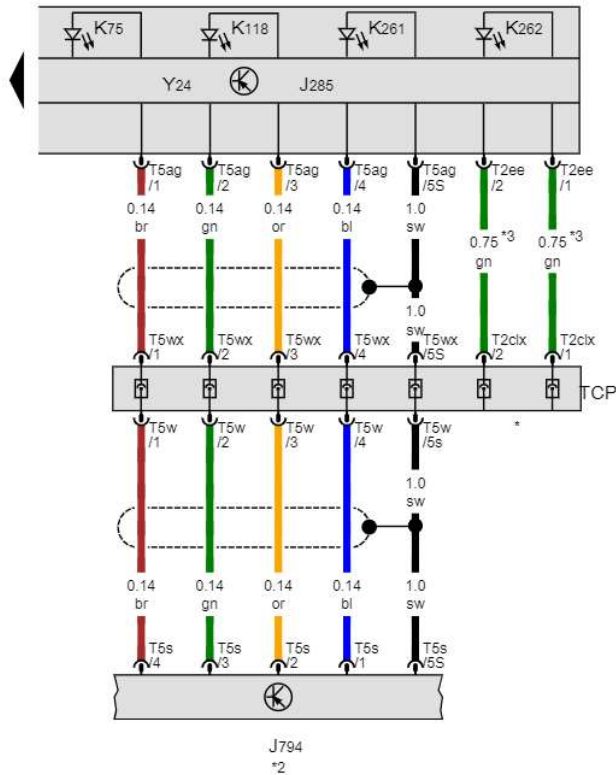


Instrument cluster control module, Information electronics control module 1, Display unit in instrument cluster

- J285 Instrument cluster control module
- J794 Information electronics control module 1
- K75 Airbag indicator lamp
- K118 Brake system indicator lamp
- K261 Left turn signal indicator lamp
- K262 Right emergency flasher indicator lamp
- T2clx 2-pin connector, black
- T2ee 2-pin connector, black
- T5ag 5-pin connector, black
- T5s 5-pin connector, gray
- T5w 5-pin connector, black
- T5wx 5-pin connector, black
- TCP Coupling point on instrument panel
- Y24 Display unit in instrument cluster
- \* Refer to applicable wiring diagram for data bus networking
- \*2 Refer to applicable MMI (information electronics) wiring diagram
- \*3 Fiber optic cable



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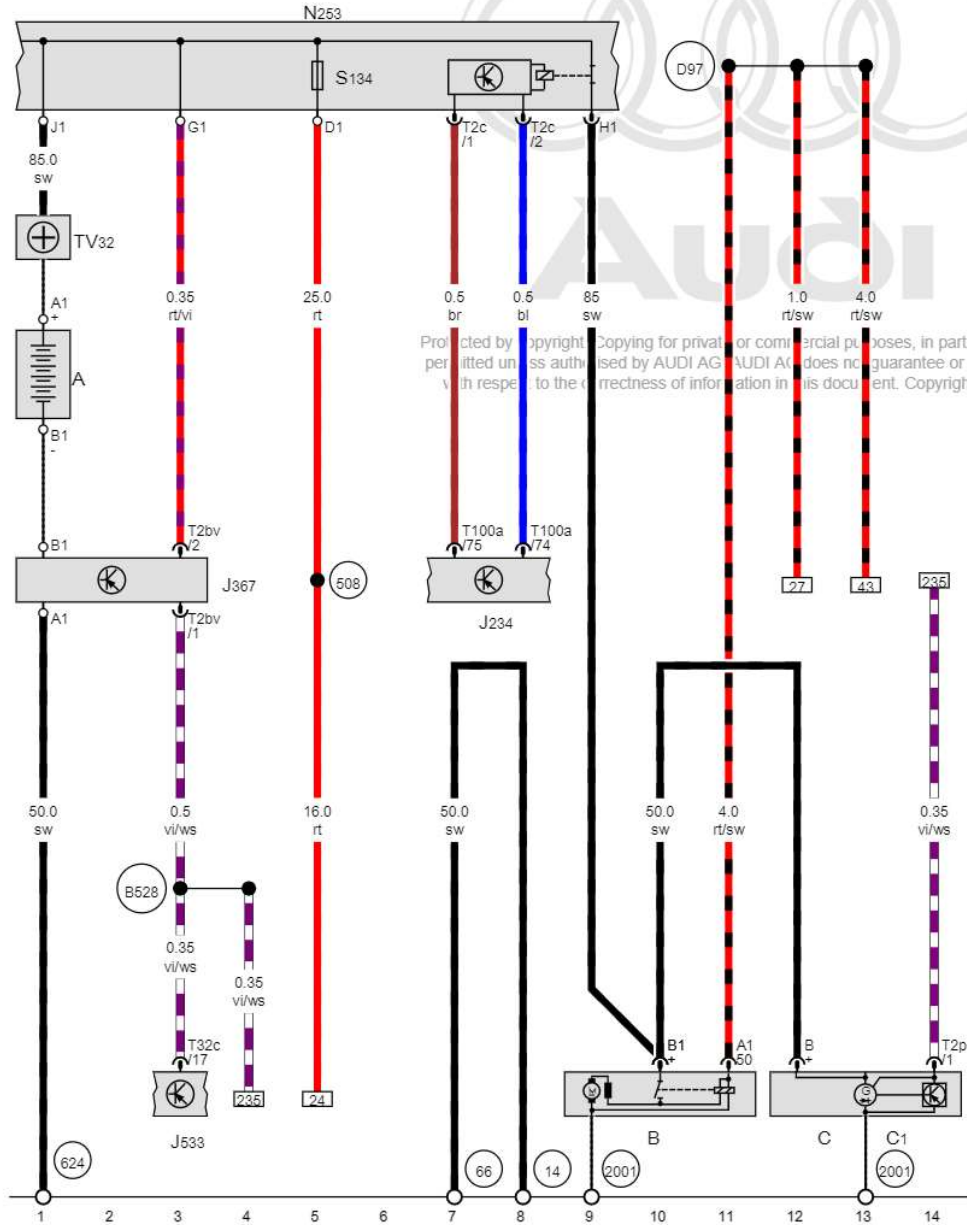
5.2L Gasoline Engine , CSPA,CSPB,DARA,DKAA,DKAB

From September 2015



Audi

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Battery Monitoring Control Module, Battery Interrupt Igniter, Remote Start Connection

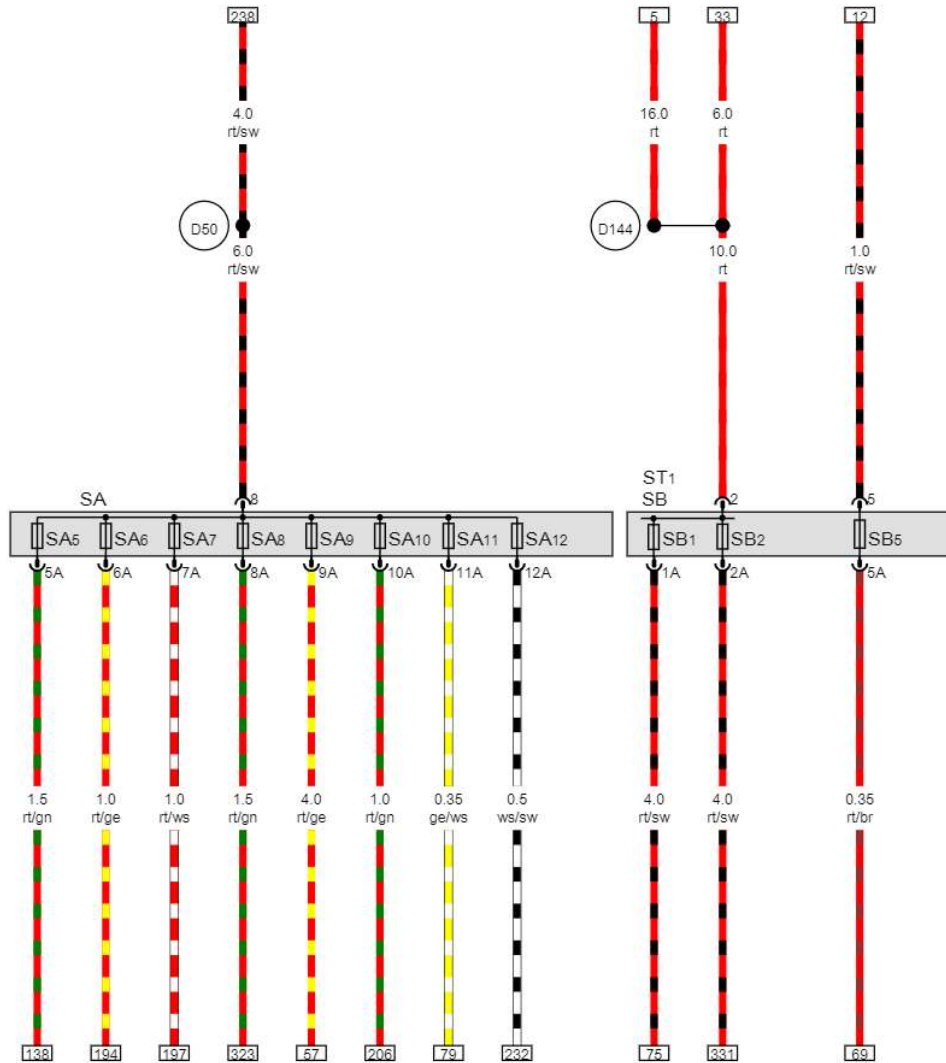
- A Battery
  - B Starter
  - C Generator
  - C1 Voltage Regulator
  - J234 Airbag Control Module
  - J367 Battery Monitoring Control Module
  - J533 Data Bus on Board Diagnostic Interface
  - N253 Battery Interrupt Igniter, Near the Battery
  - S134 Safety Fuse 4
  - T1b 1-Pin Connector
  - T2bv 2-Pin Connector, Black
  - T2c 2-Pin Connector
  - T2p 2-Pin Connector
  - T32c 32-Pin Connector, Black
  - T100a 100-Pin Connector, Yellow
  - TV32 Remote Start Connection
- 14 Ground Connection on Transmission
  - 66 Ground Connection on Right Rear Longitudinal Member
  - 508 Terminal 30 Threaded Connection (On E-Box)
  - 624 Ground Connection near Starter Battery
  - 2001 Frame Ground
  - B528 LIN Bus Connection 1 (in Main Wiring Harness)
  - D97 Connection 50 (in Right Engine/Motor Compartment Wiring Harness)

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[453-002020817]

Fuse Panel A, Fuse Panel B

- SA Fuse Panel A
- SB Fuse Panel B
- SB1 Fuse 1 (On Fuse Panel B)
- ST1 Fuse Panel 1
- SB2 Fuse 2 (On Fuse Panel B)
- SA5 Fuse 5 (On Fuse Panel A)
- SB5 Fuse 5 (On Fuse Panel B)
- SA6 Fuse 6 (On Fuse Panel A)
- SA7 Fuse 7 (On Fuse Panel A)
- SA8 Fuse 8 (On Fuse Panel A)
- SA9 Fuse 9 (On Fuse Panel A)
- SA10 Fuse 10 (On Fuse Panel A)
- SA11 Fuse 11 (On Fuse Panel A)
- SA12 Fuse 12 (On Fuse Panel A)
- (D50) Positive Connection (30) (in Engine/Motor Compartment Wiring Harness)
- (D144) Positive Connection 5 (30) (in Engine/Motor Compartment Wiring Harness)



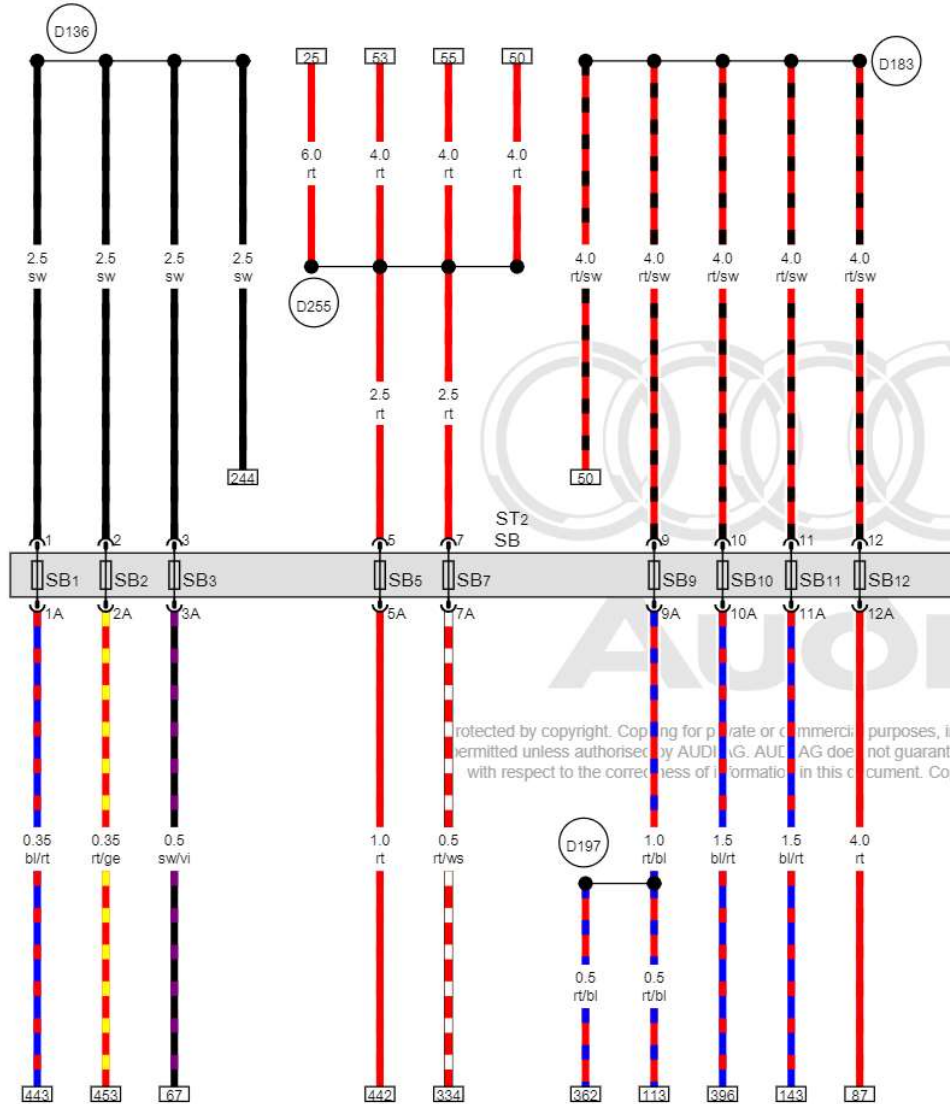
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Fuse Panel B

- SB Fuse Panel B
- SB1 Fuse 1 (On Fuse Panel B)
- SB2 Fuse 2 (On Fuse Panel B)
- ST2 Fuse Panel 2
- SB3 Fuse 3 (On Fuse Panel B)
- SB5 Fuse 5 (On Fuse Panel B)
- SB7 Fuse 7 (On Fuse Panel B)
- SB9 Fuse 9 (On Fuse Panel B)
- SB10 Fuse 10 (On Fuse Panel B)
- SB11 Fuse 11 (On Fuse Panel B)
- SB12 Fuse 12 (On Fuse Panel B)
- D136 Positive Connection 2 (15a) (in Engine/Motor Compartment Wiring Harness)
- D183 Connection 4 (87A) (in Engine/Motor Compartment Wiring Harness)
- D197 Connection 5 (87A) (in Engine/Motor Compartment Wiring Harness)
- D255 Positive Connection 4 (30) (in Engine/Motor Compartment Wiring Harness)



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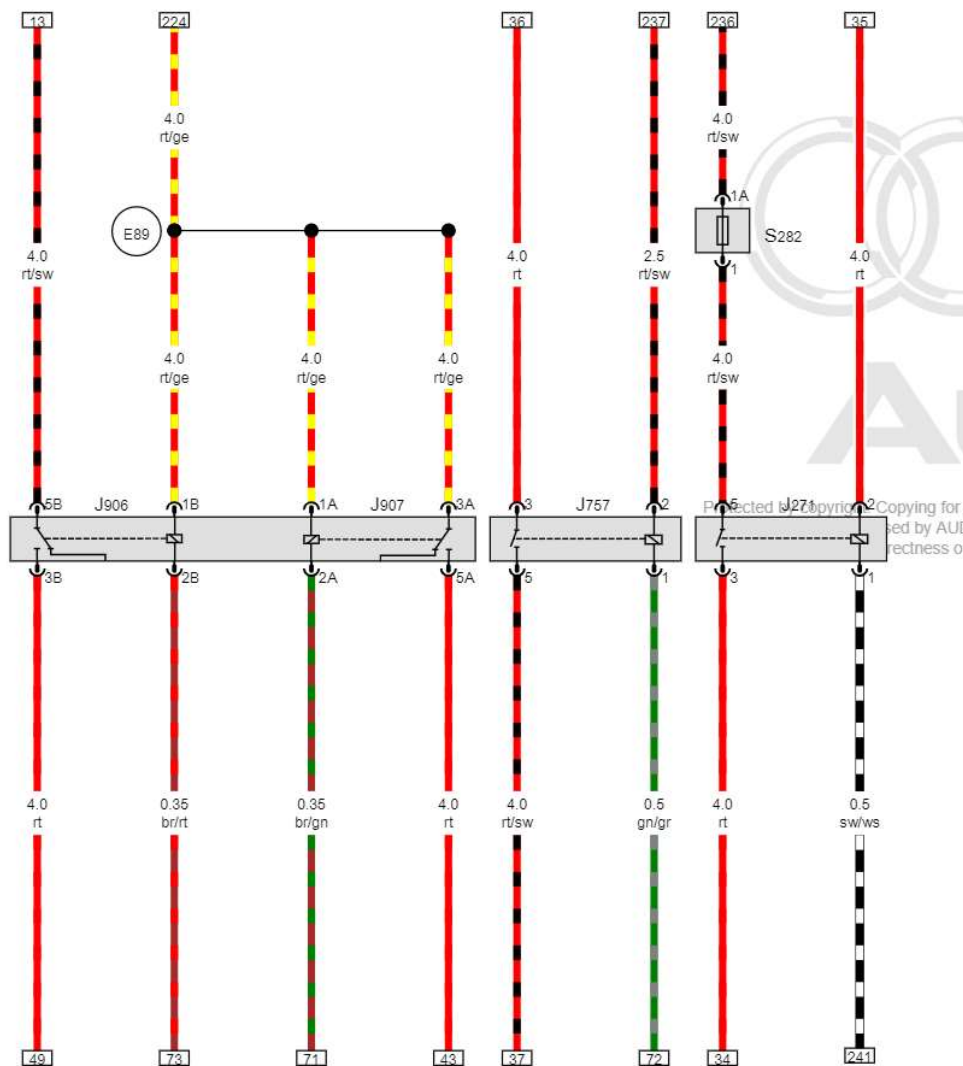
29 30 31 32 33 34 35 36 37 38 39 40 41 42

[453-002040817]

Motronic Engine Control Module Power Supply Relay, Engine Component Power Supply Relay, Starter Relay 1, Starter Relay 2, Engine Electronics Fuse

- J271 Motronic Engine Control Module Power Supply Relay
- J757 Engine Component Power Supply Relay
- J906 Starter Relay 1
- J907 Starter Relay 2
- S282 Engine Electronics Fuse

(E89) Positive Connection (30a) (in Engine Wiring Harness)



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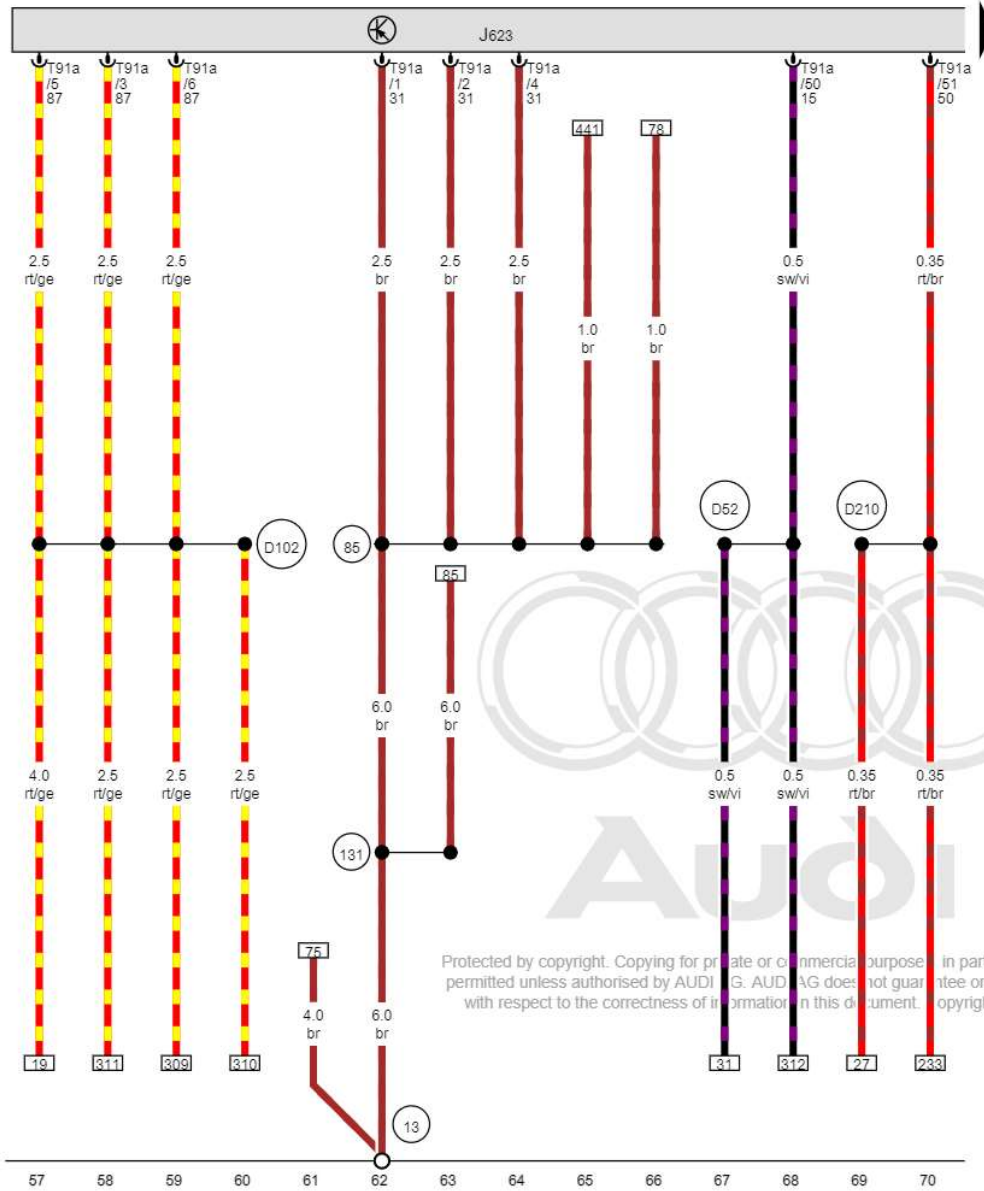
43 44 45 46 47 48 49 50 51 52 53 54 55 56

[453-002050817]

Engine/Motor Control Module

J623 Engine/Motor Control Module  
T91a 91-Pin Connector, Black

- 13 Ground Connection in Engine/Motor Compartment, Right
- 85 Ground Connection 1 (in Engine/Motor Compartment Wiring Harness)
- 131 Ground Connection 2 (in Engine/Motor Compartment Wiring Harness)
- D52 Positive Connection (15a) (in Engine/Motor Compartment Wiring Harness)
- D102 Connection 2 (in Engine/Motor Compartment Wiring Harness)
- D210 Connection 50 (in Engine/Motor Compartment Wiring Harness)



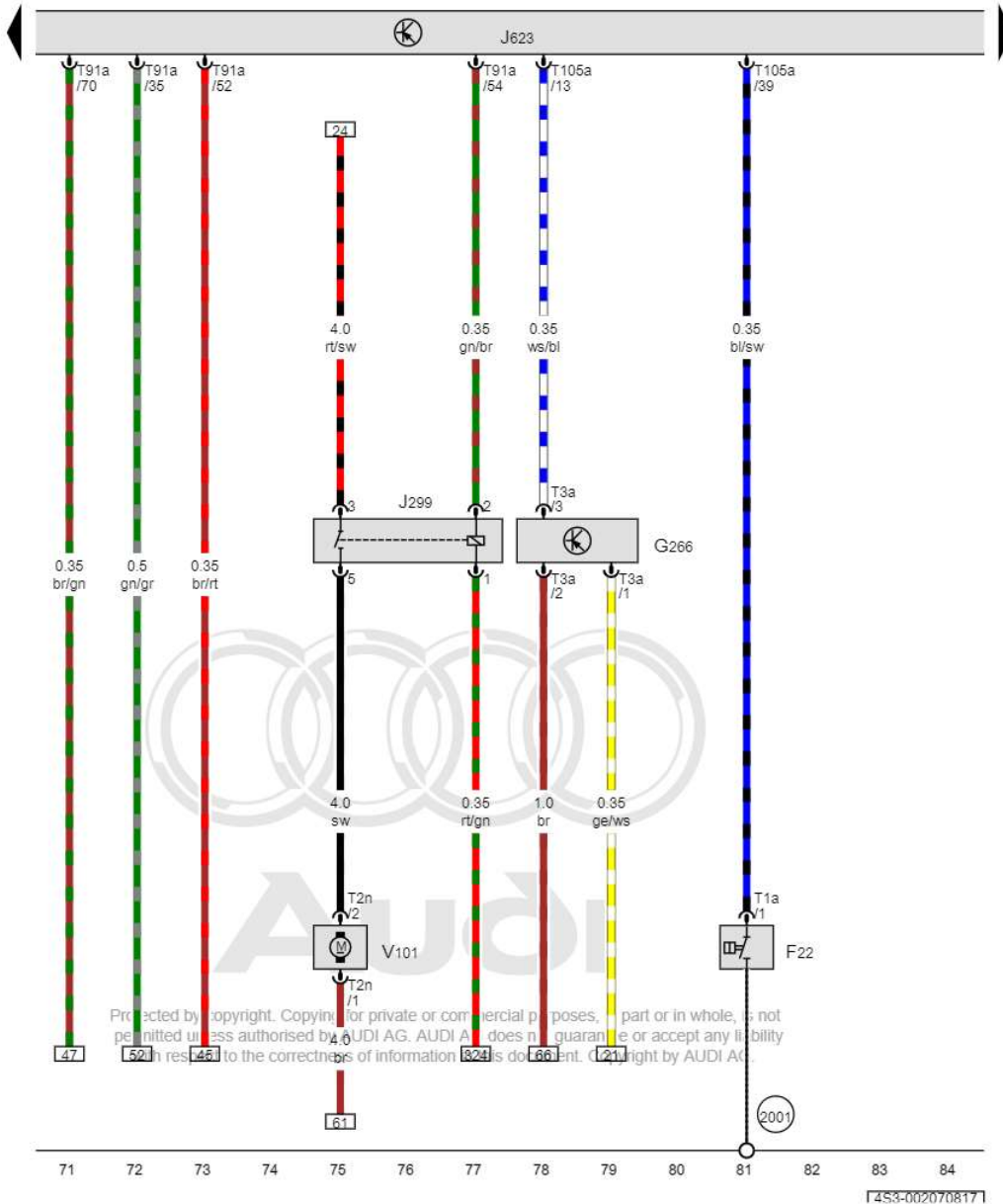
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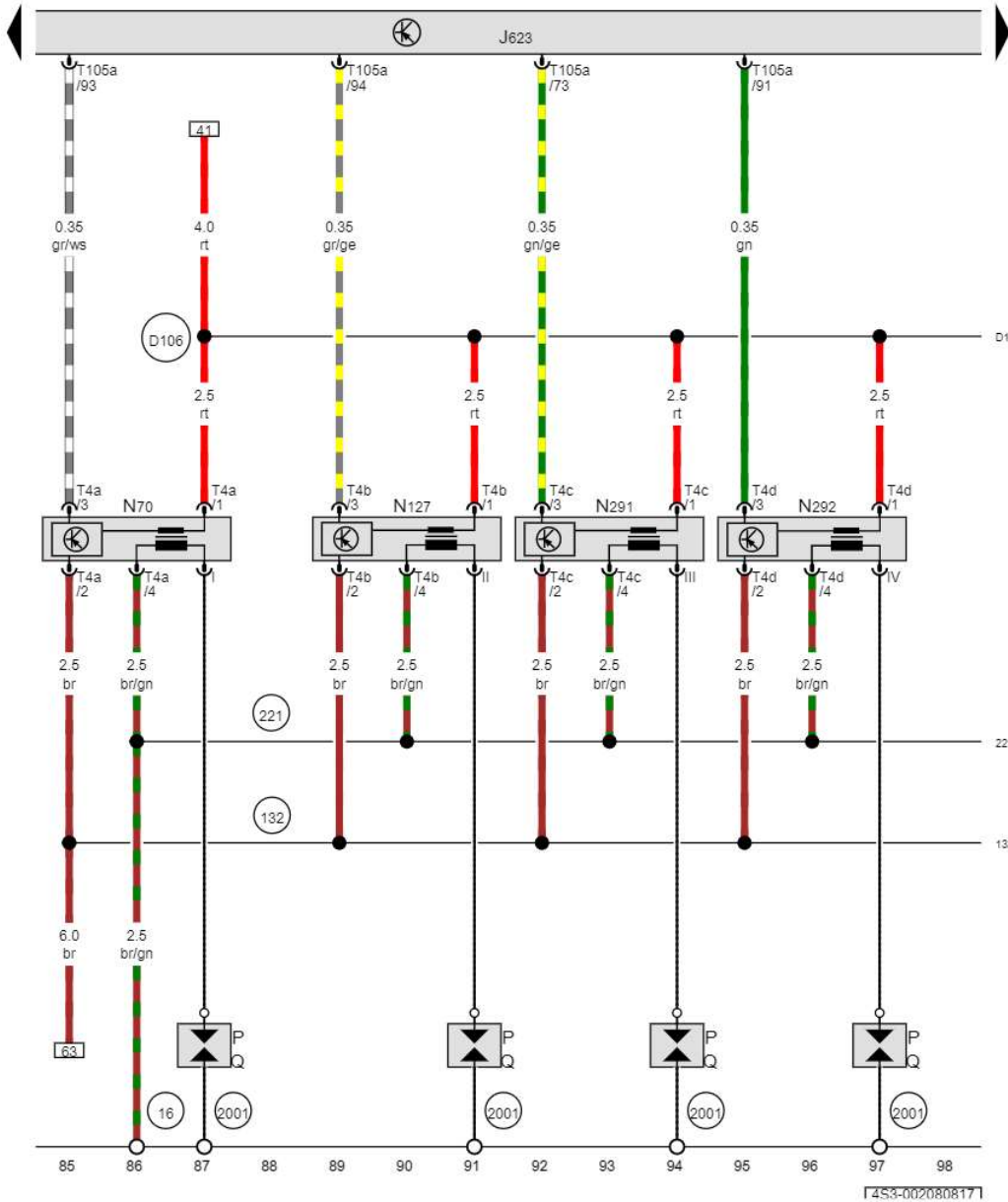
[453-002060817]

Oil Pressure Switch, Secondary Air Injection Pump Relay, Engine/Motor Control Module, Secondary Air Injection Pump Motor

- F22 Oil Pressure Switch
- G266 Oil Level Thermal Sensor
- J299 Secondary Air Injection Pump Relay
- J623 Engine/Motor Control Module
- T1a 1-Pin Connector, Black
- T2n 2-Pin Connector, Black
- T3a 3-Pin Connector
- T91a 91-Pin Connector, Black
- T105a 105-Pin Connector, Black
- V101 Secondary Air Injection Pump Motor
- 2001 Frame Ground



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Engine/Motor Control Module, Ignition Coil 1 with Power Output Stage, Ignition Coil 2 with Power Output Stage, Ignition Coil 3 with Power Output Stage, Ignition Coil 4 with Power Output Stage

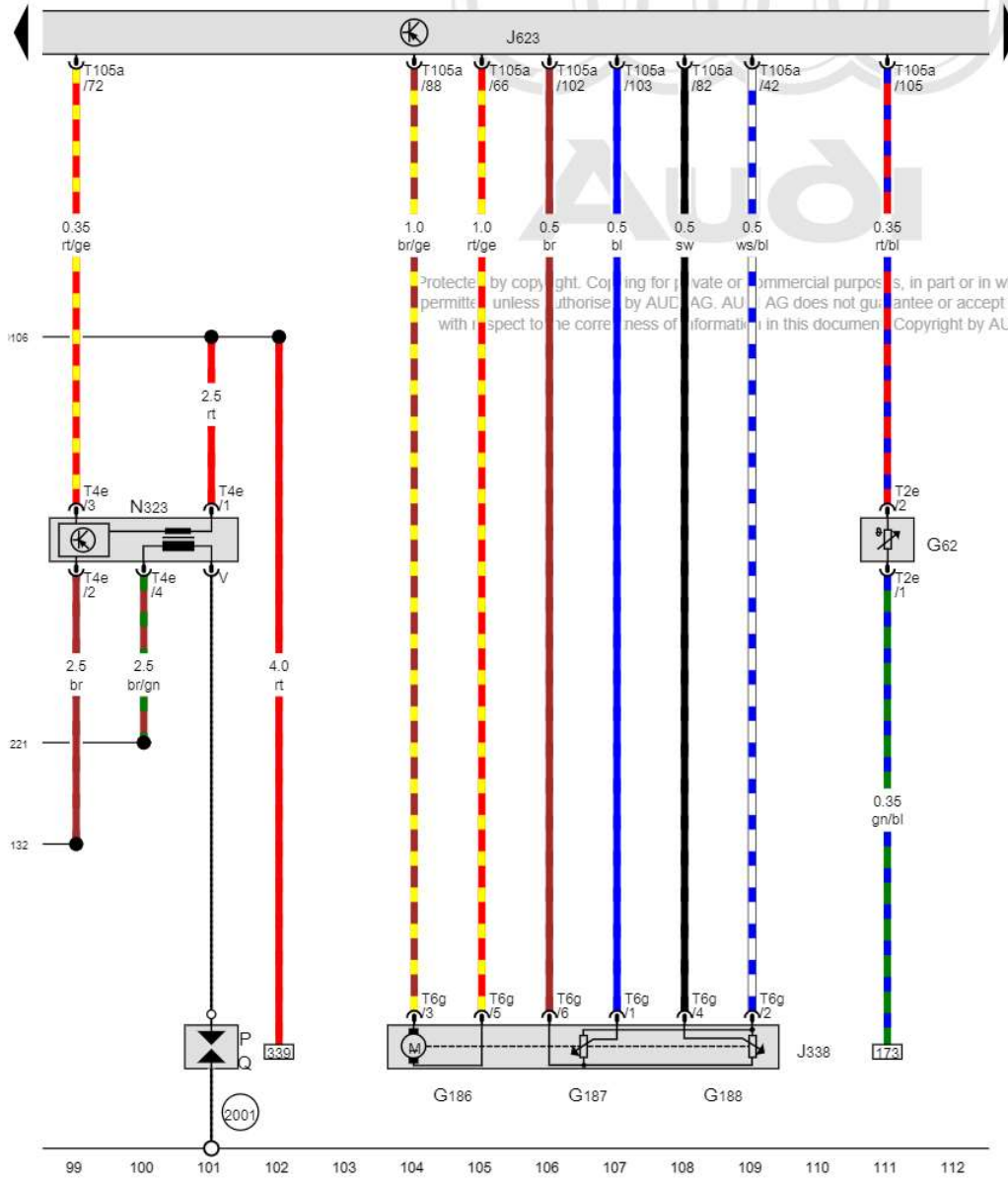
- J623 Engine/Motor Control Module
- N70 Ignition Coil 1 with Power Output Stage
- N127 Ignition Coil 2 with Power Output Stage
- N291 Ignition Coil 3 with Power Output Stage
- N292 Ignition Coil 4 with Power Output Stage
- P Spark Plug Connectors
- Q Spark Plugs
- T4a 4-Pin Connector, Black
- T4b 4-Pin Connector, Black
- T4c 4-Pin Connector, Black
- T4d 4-Pin Connector, Black
- T105a 105-Pin Connector, Black

- 16 Ground Connection 1 on Valve Cover
- 132 Ground Connection 3 (in Engine/Motor Compartment Wiring Harness)
- 221 Engine Ground Connection (in Engine Wiring Harness)
- 2001 Frame Ground
- D106 Connection 4 (in Engine/Motor Compartment Wiring Harness)

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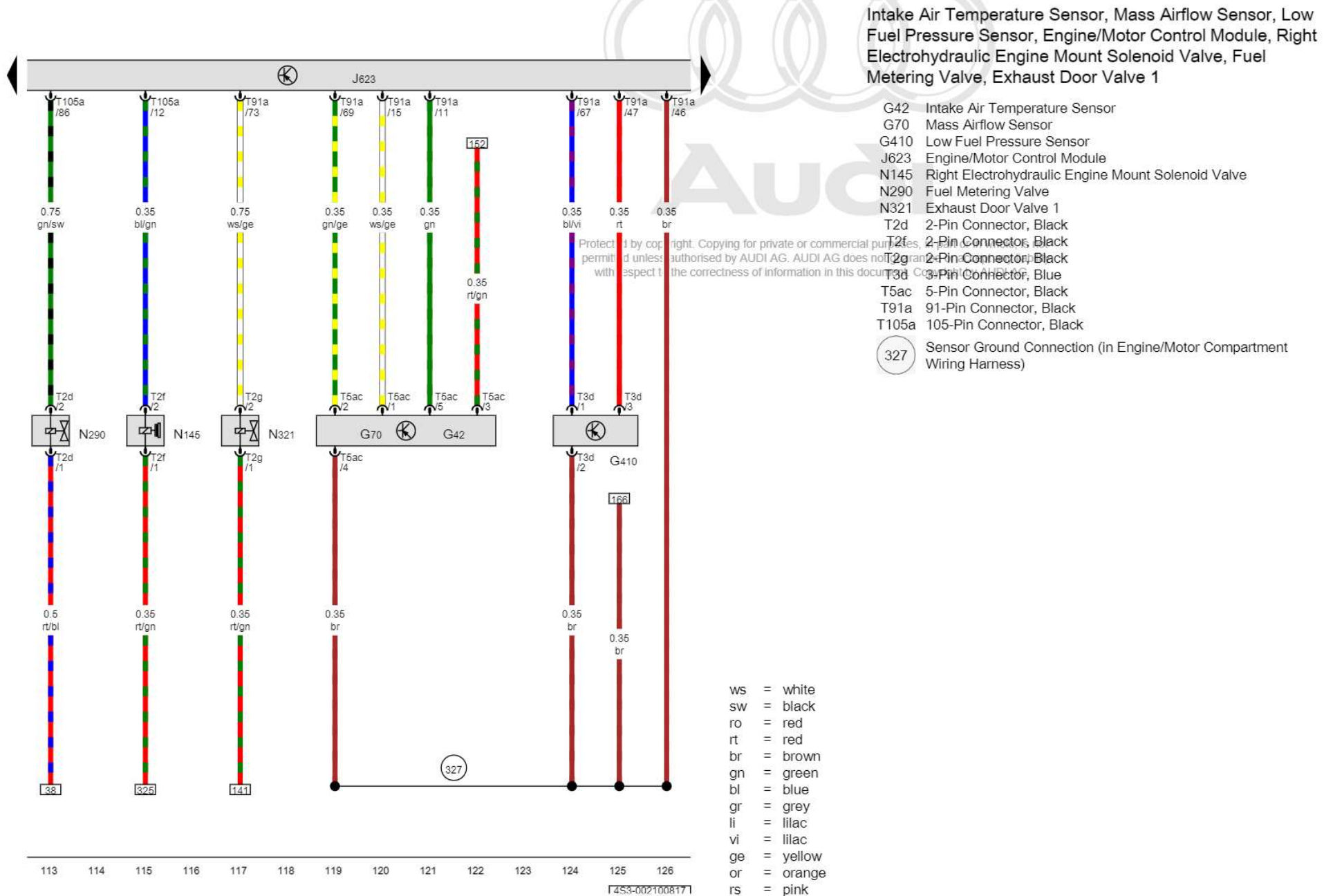


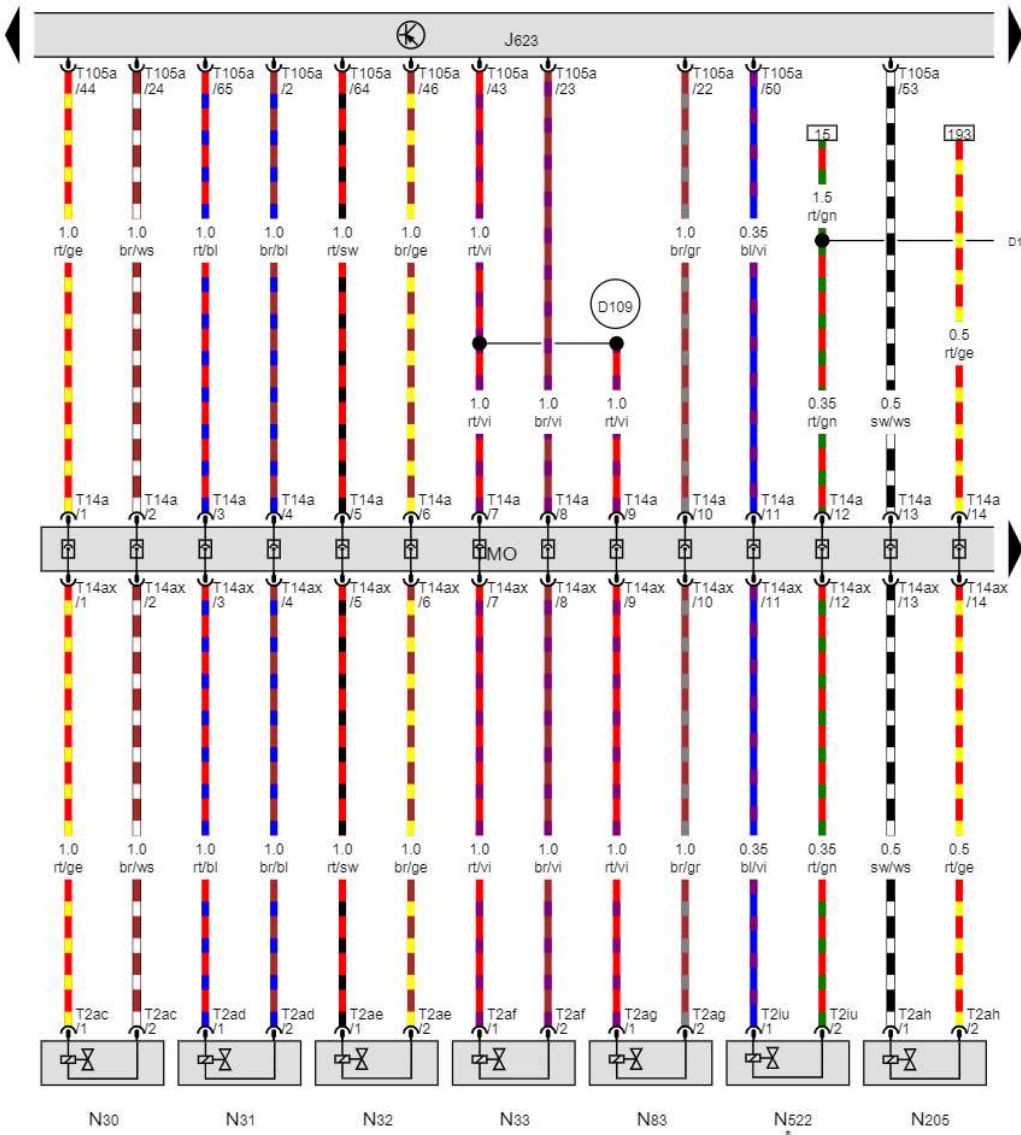
Engine Coolant Temperature Sensor, Throttle Valve Control Module, Engine/Motor Control Module, Ignition Coil 5 with Power Output Stage

- G62 Engine Coolant Temperature Sensor
- G186 EPC Throttle Drive
- G187 EPC Throttle Drive Angle Sensor 1
- G188 EPC Throttle Drive Angle Sensor 2
- J338 Throttle Valve Control Module
- J623 Engine/Motor Control Module
- N323 Ignition Coil 5 with Power Output Stage
- P Spark Plug Connectors
- Q Spark Plugs
- T2e 2-Pin Connector, Black
- T4e 4-Pin Connector, Black
- T6g 6-Pin Connector, Black
- T105a 105-Pin Connector, Black
- 132 Ground Connection 3 (in Engine/Motor Compartment Wiring Harness)
- 221 Engine Ground Connection (in Engine Wiring Harness)
- 2001 Frame Ground
- D106 Connection 4 (in Engine/Motor Compartment Wiring Harness)

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[453-002090817]





Engine/Motor Control Module, Cylinder 1 Fuel Injector, Cylinder 2 Fuel Injector, Cylinder 3 Fuel Injector, Cylinder 5 Fuel Injector, Camshaft Adjustment Valve 1, Piston Cooling Nozzle Control Valve

- J623 Engine/Motor Control Module
- N30 Cylinder 1 Fuel Injector
- N31 Cylinder 2 Fuel Injector
- N32 Cylinder 3 Fuel Injector
- N33 Cylinder 4 Fuel Injector
- N83 Cylinder 5 Fuel Injector
- N205 Camshaft Adjustment Valve 1
- N522 Piston Cooling Nozzle Control Valve
- T2ac 2-Pin Connector, Yellow
- T2ad 2-Pin Connector, Yellow
- T2ae 2-Pin Connector, Yellow
- T2af 2-Pin Connector, Yellow
- T2ag 2-Pin Connector, Yellow
- T2ah 2-Pin Connector, Black
- T2iu 2-Pin Connector, Black
- T14a 14-Pin Connector, Black
- T14ax 14-Pin Connector, Black
- T105a 105-Pin Connector, Black
- TMO Coupling Point on Engine Top

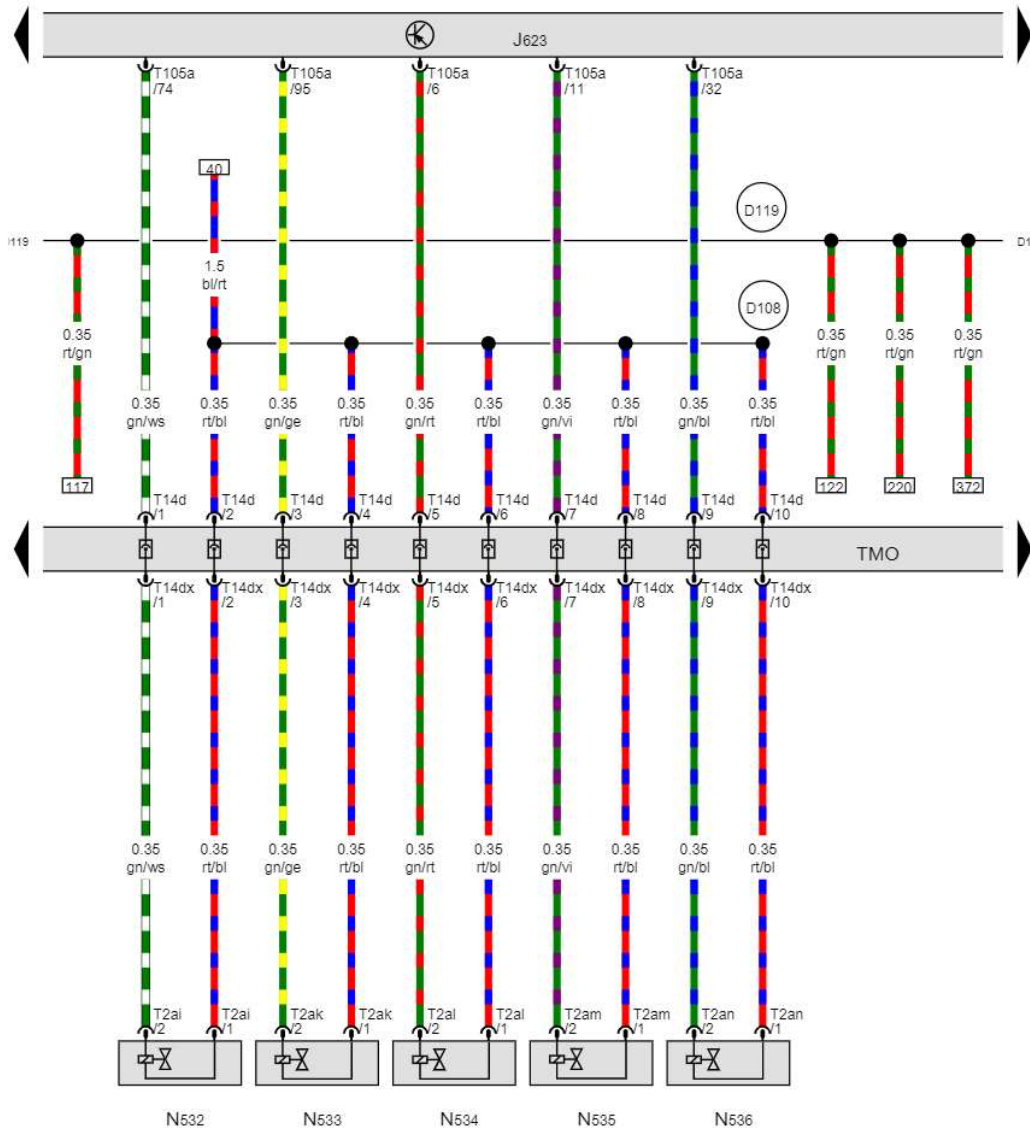
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- (D109) Connection 7 (in Engine/Motor Compartment Wiring Harness)
- (D119) Connection 17 (in Engine/Motor Compartment Wiring Harness)
- \* Depending on Equipment

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- gn = green
- bl = blue
- gr = grey
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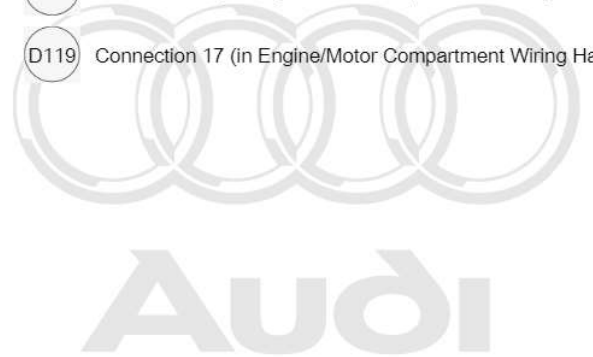
[453-002110817]





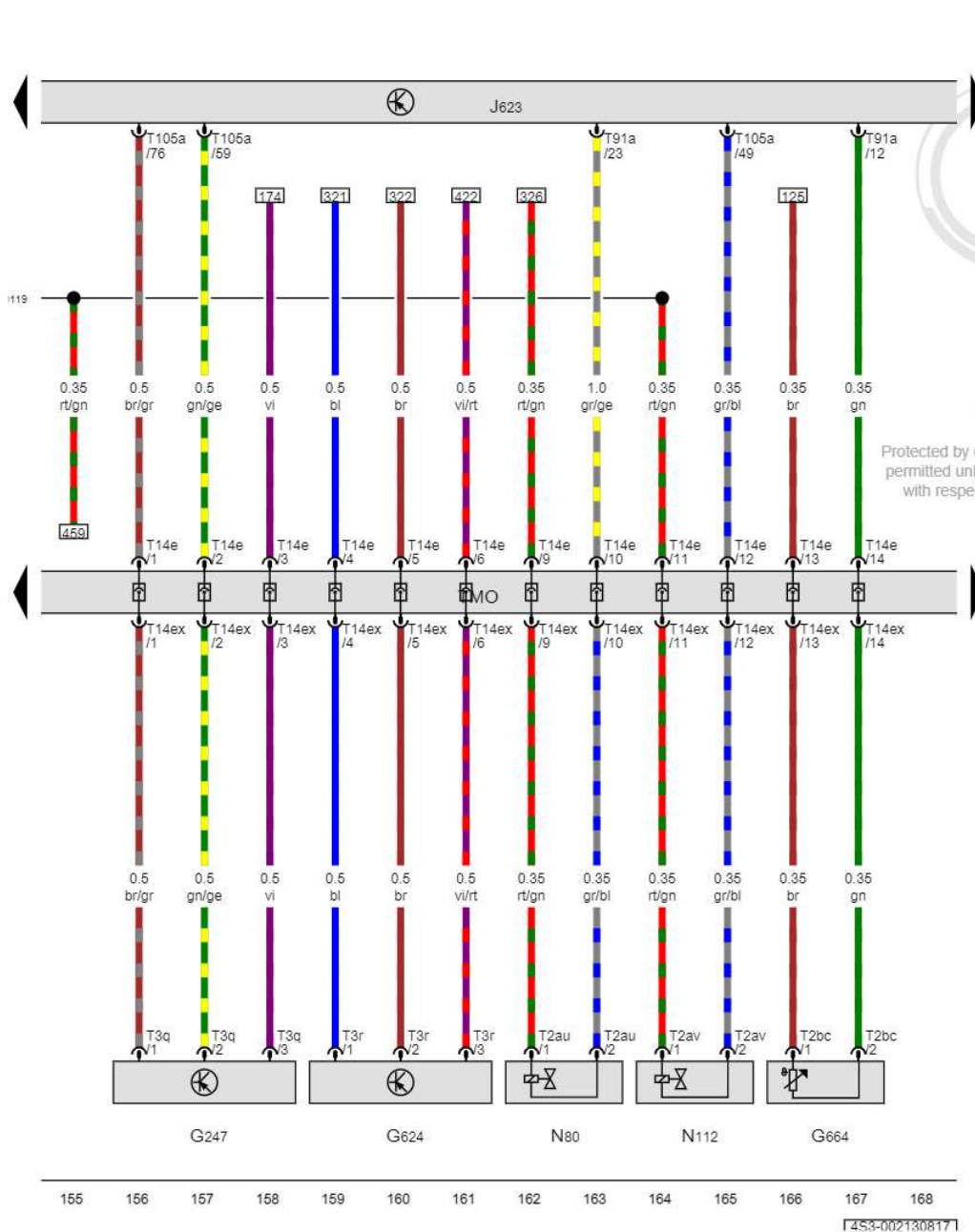
Engine/Motor Control Module, Cylinder 1 Fuel Injector 2, Cylinder 2 Fuel Injector 2, Cylinder 3 Fuel Injector 2, Cylinder 4 Fuel Injector 2, Cylinder 5 Fuel Injector 2

- J623 Engine/Motor Control Module
- N532 Cylinder 1 Fuel Injector 2
- N533 Cylinder 2 Fuel Injector 2
- N534 Cylinder 3 Fuel Injector 2
- N535 Cylinder 4 Fuel Injector 2
- N536 Cylinder 5 Fuel Injector 2
- T2ai 2-Pin Connector, Black
- T2ak 2-Pin Connector, Black
- T2al 2-Pin Connector, Black
- T2am 2-Pin Connector, Black
- T2an 2-Pin Connector, Black
- T14d 14-Pin Connector, Black
- T14dx 14-Pin Connector, Black
- T105a 105-Pin Connector, Black
- TMO Coupling Point on Engine, Top
- D108 Connection 6 (in Engine/Motor Compartment Wiring Harness)
- D119 Connection 17 (in Engine/Motor Compartment Wiring Harness)



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Fuel Pressure Sensor, Fuel Pressure Sensor 2, Oil Temperature Sensor 2, Engine/Motor Control Module, EVAP Canister Purge Regulator Valve 1, Secondary Air Injection Solenoid Valve

- G247 Fuel Pressure Sensor
- G624 Fuel Pressure Sensor 2
- G664 Oil Temperature Sensor 2
- J623 Engine/Motor Control Module
- N80 EVAP Canister Purge Regulator Valve 1
- N112 Secondary Air Injection Solenoid Valve
- T2au 2-Pin Connector, Yellow
- T2av 2-Pin Connector, Black
- T2bc 2-Pin Connector, Black
- T3q 3-Pin Connector, Black
- T3r 3-Pin Connector, Black
- T14e 14-Pin Connector, Brown
- T14ex 14-Pin Connector, Brown
- T91a 91-Pin Connector, Black
- T105a 105-Pin Connector, Black
- TMO Coupling Point on Engine, Top

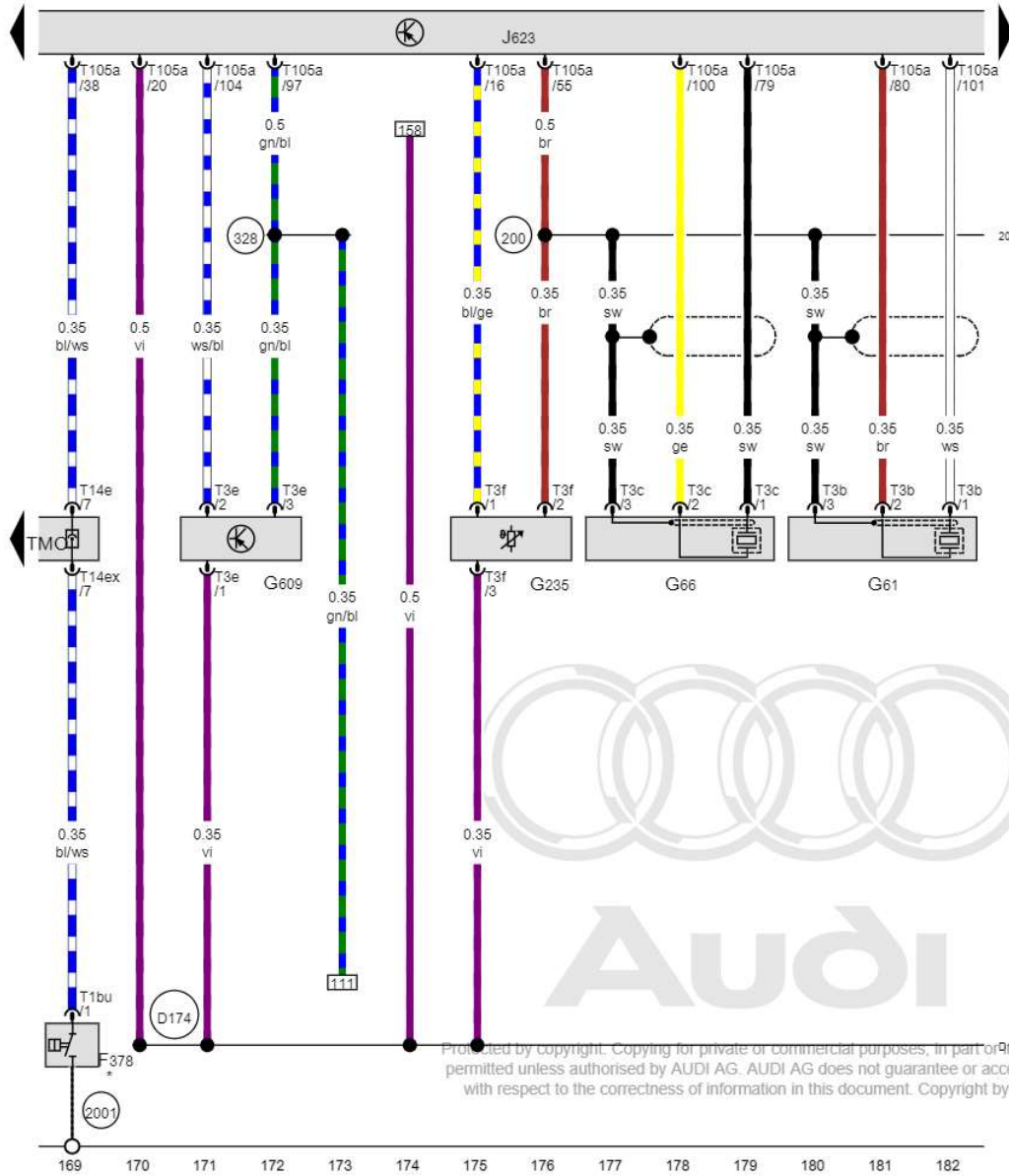
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D119 Connection 17 (in Engine/Motor Compartment Wiring Harness)

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155 156 157 158 159 160 161 162 163 164 165 166 167 168  
[453-002130817]

Reduced Oil Pressure Switch, Knock Sensor 1, Exhaust Gas Temperature Sensor 1, Secondary Air Injection Sensor 1, Engine/Motor Control Module

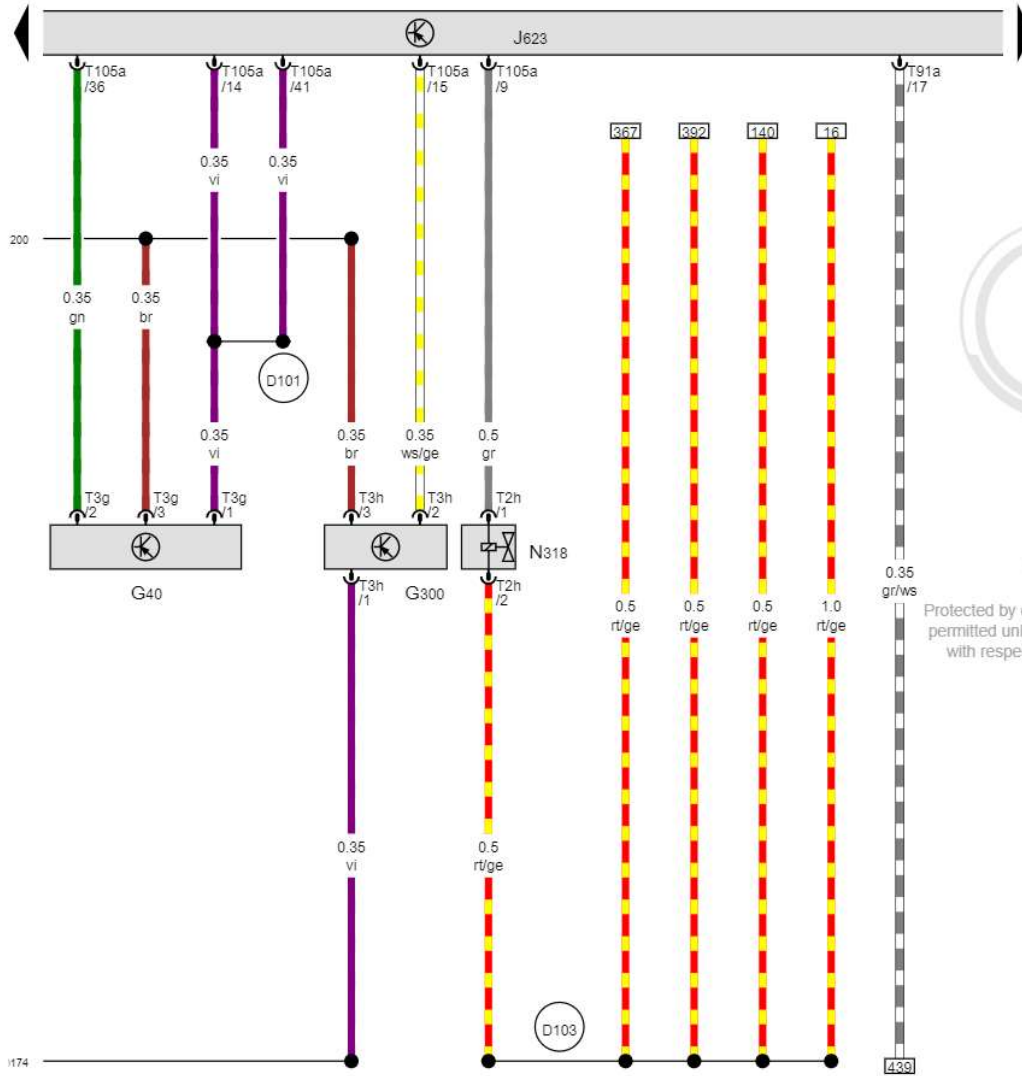


- F378 Reduced Oil Pressure Switch
- G61 Knock Sensor 1
- G66 Knock Sensor 2
- G235 Exhaust Gas Temperature Sensor 1
- G609 Secondary Air Injection Sensor 1
- J623 Engine/Motor Control Module
- T1bu 1-Pin Connector
- T3b 3-Pin Connector
- T3c 3-Pin Connector
- T3e 3-Pin Connector
- T3f 3-Pin Connector
- T14e 14-Pin Connector, Brown
- T14ex 14-Pin Connector, Brown
- T105a 105-Pin Connector, Black
- TMO Coupling Point on Engine, Top
- 200 Ground Connection Shielding (in Engine/Motor Compartment Wiring Harness)
- 328 Sensor Ground Connection 2 (in Engine/Motor Compartment Wiring Harness)
- 2001 Frame Ground
- D174 Connection 2 (5V) (in Engine Pre-Wiring Harness)
- \* Depending on Equipment

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[453-002140817]



Camshaft Position Sensor, Camshaft Position Sensor 3, Engine/Motor Control Module, Exhaust Camshaft Adjustment Valve 1

- G40 Camshaft Position Sensor
- G300 Camshaft Position Sensor 3
- J623 Engine/Motor Control Module
- N318 Exhaust Camshaft Adjustment Valve 1
- T2h 2-Pin Connector
- T3g 3-Pin Connector
- T3h 3-Pin Connector
- T91a 91-Pin Connector, Black
- T105a 105-Pin Connector, Black
- 200 Ground Connection Shielding (in Engine/Motor Compartment Wiring Harness)
- D101 Connection 1 (in Engine/Motor Compartment Wiring Harness)
- D103 Connection 3 (in Engine/Motor Compartment Wiring Harness)
- D174 Connection 2 (5V) (in Engine Pre-Wiring Harness)

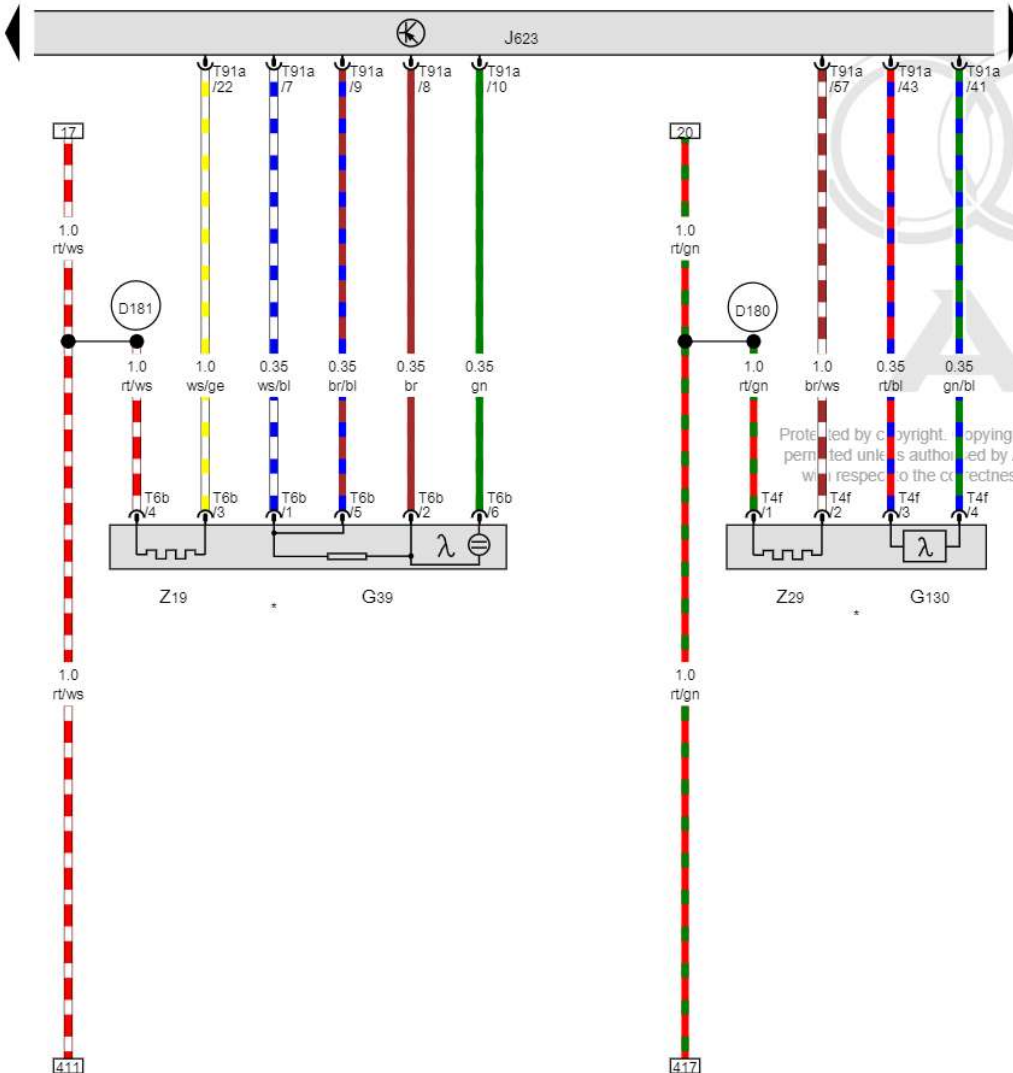
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183 184 185 186 187 188 189 190 191 192 193 194 195 196

[453-002150817]

Heated Oxygen Sensor, Oxygen Sensor After Catalytic Converter, Engine/Motor Control Module, Oxygen Sensor Heater, Heater for Oxygen Sensor 1 After Catalytic Converter

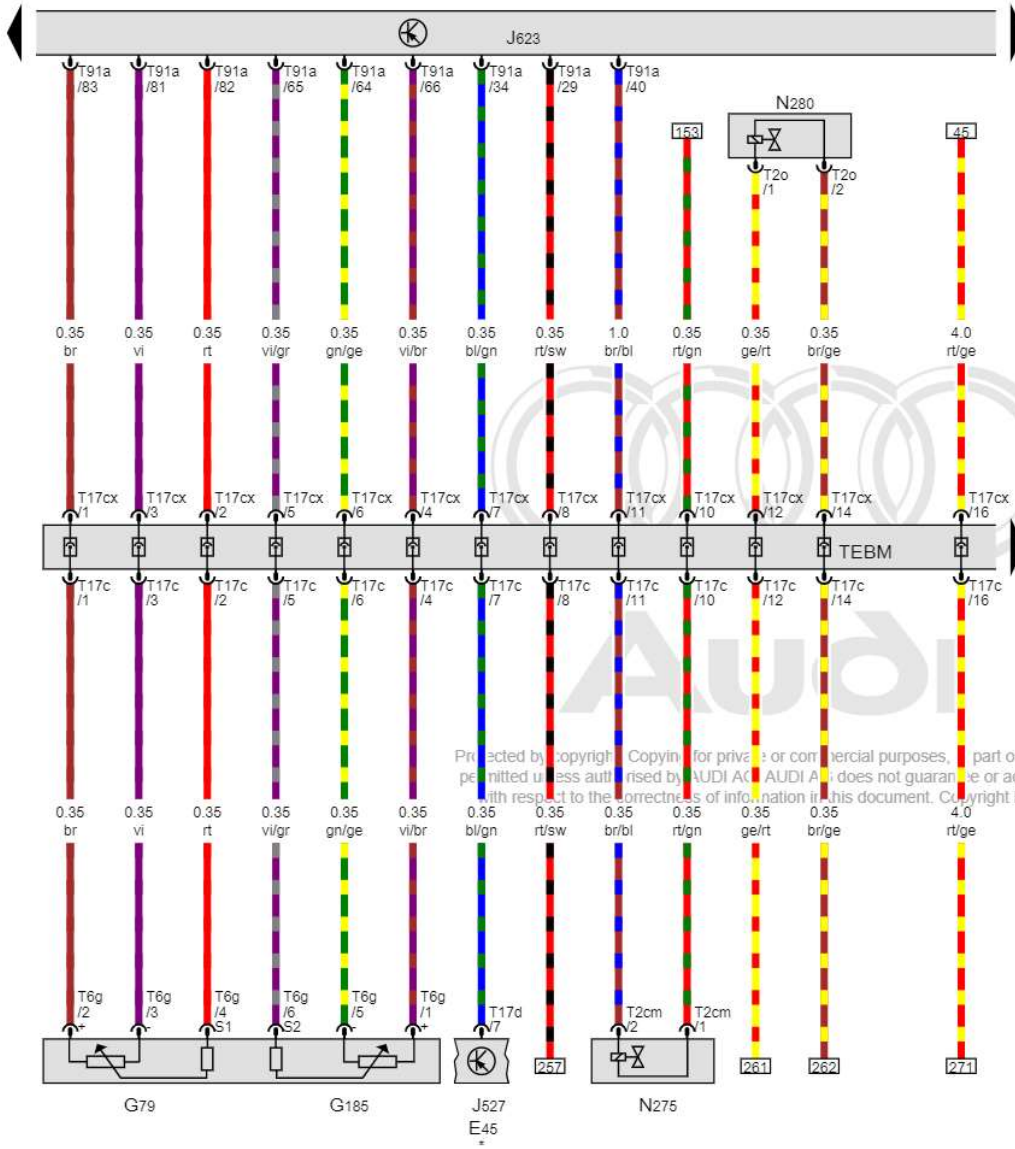


- G39 Heated Oxygen Sensor
- G130 Oxygen Sensor After Catalytic Converter
- J623 Engine/Motor Control Module
- T4f 4-Pin Connector, Black
- T6b 6-Pin Connector, Black
- T91a 91-Pin Connector, Black
- Z19 Oxygen Sensor Heater
- Z29 Heater for Oxygen Sensor 1 After Catalytic Converter
- D180 Connection 87A (in Engine/Motor Compartment Wiring Harness)
- D181 Connection 2 (87A) (in Engine/Motor Compartment Wiring Harness)
- \* Pre-Wired Component

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Accelerator Pedal Position Sensor, Accelerator Pedal Position Sensor 2, Engine/Motor Control Module, Air Filter Bypass Door Valve



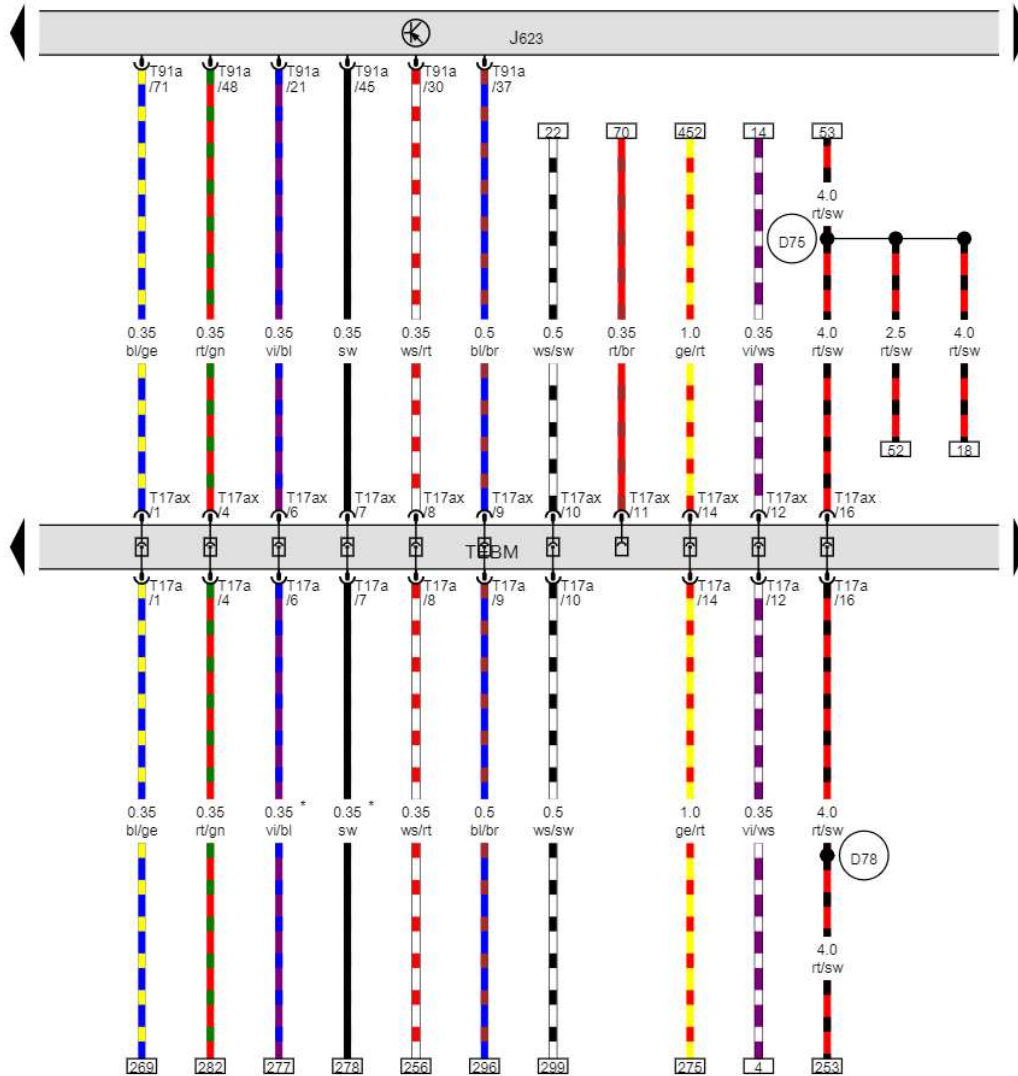
- E45 Cruise Control Switch
- G79 Accelerator Pedal Position Sensor
- G185 Accelerator Pedal Position Sensor 2
- J527 Steering Column Electronics Control Module
- J623 Engine/Motor Control Module
- N275 Air Filter Bypass Door Valve
- N280 A/C Compressor Regulator Valve
- T2cm 2-Pin Connector
- T2o 2-Pin Connector
- T6g 6-Pin Connector, Black
- T17c 17-Pin Connector, Red
- T17cx 17-Pin Connector, Red
- T17d 17-Pin Connector, Yellow
- T91a 91-Pin Connector, Black
- TEBM Coupling Point in the Engine/Motor Compartment E-Box
- \* For Vehicles with Cruise Control System

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Engine/Motor Control Module

- J623 Engine/Motor Control Module
- T17a 17-Pin Connector, Black
- T17ax 17-Pin Connector, Black
- T91a 91-Pin Connector, Black
- TEBM Coupling Point in the Engine/Motor Compartment E-Box
- D75 Positive Connection 2 (30) (in Engine/Motor Compartment Wiring Harness)
- D78 Positive Connection 1 (30a) (in Engine/Motor Compartment Wiring Harness)
- \* For Vehicles with Fuel System Diagnostic Pump



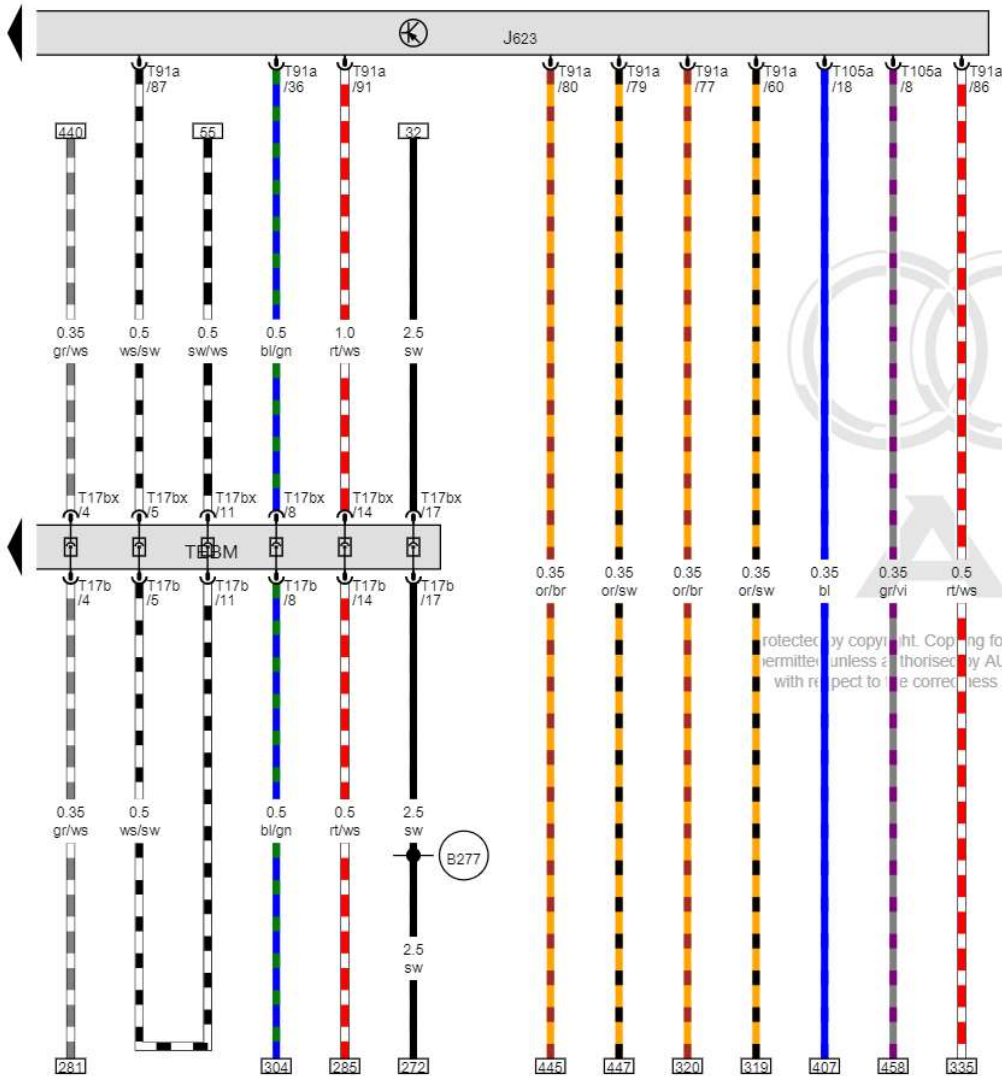
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- vi = lilac
- ge = yellow
- or = orange
- rs = pink

225 226 227 228 229 230 231 232 233 234 235 236 237 238  
[453-002180817]

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Engine/Motor Control Module

- J623 Engine/Motor Control Module
- T17b 17-Pin Connector, Brown
- T17bx 17-Pin Connector, Brown
- T91a 91-Pin Connector, Black
- T105a 105-Pin Connector, Black
- TEBM Coupling Point in the Engine/Motor Compartment E-Box
- (B277) Positive Connection 1 (15a) (in Main Wiring Harness)



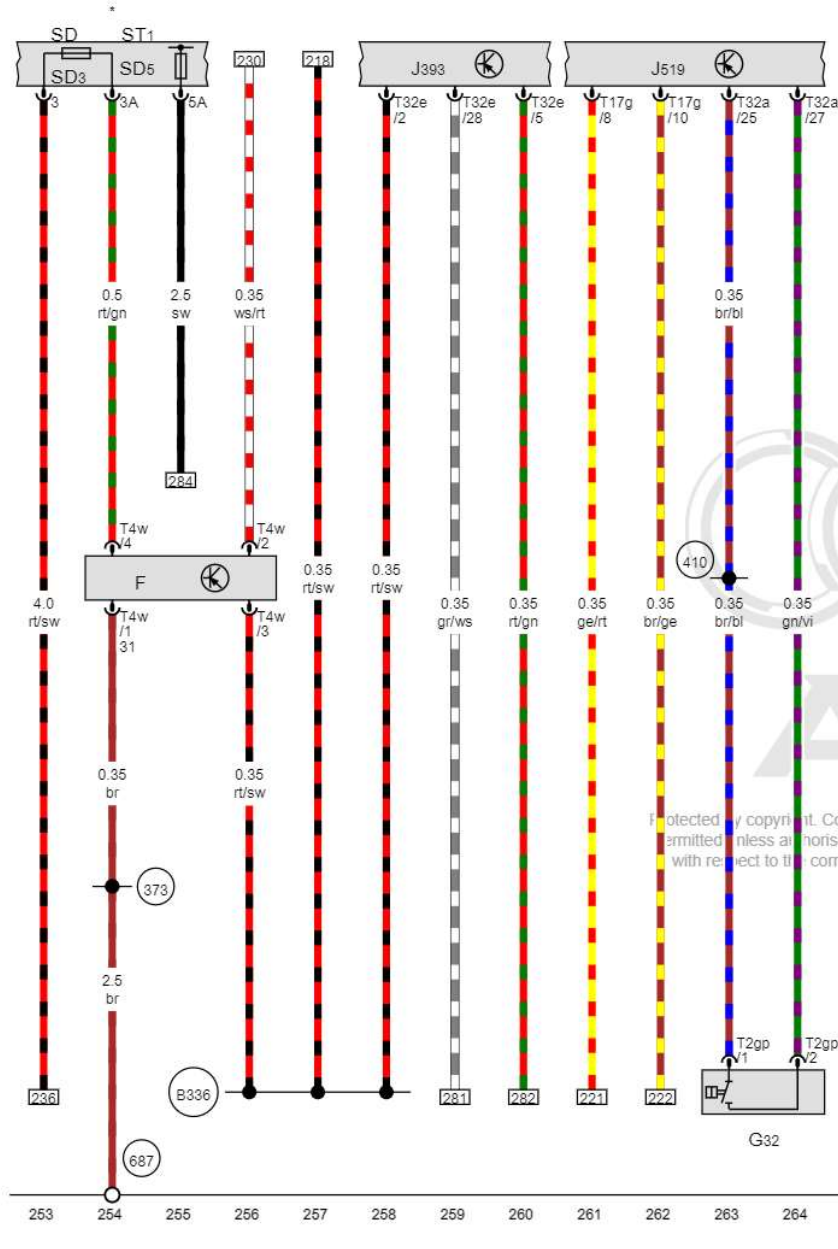
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239 240 241 242 243 244 245 246 247 248 249 250 251 252  
[453-002190817]



Brake Lamp Switch, Engine Coolant Level Sensor, Comfort System Central Control Module

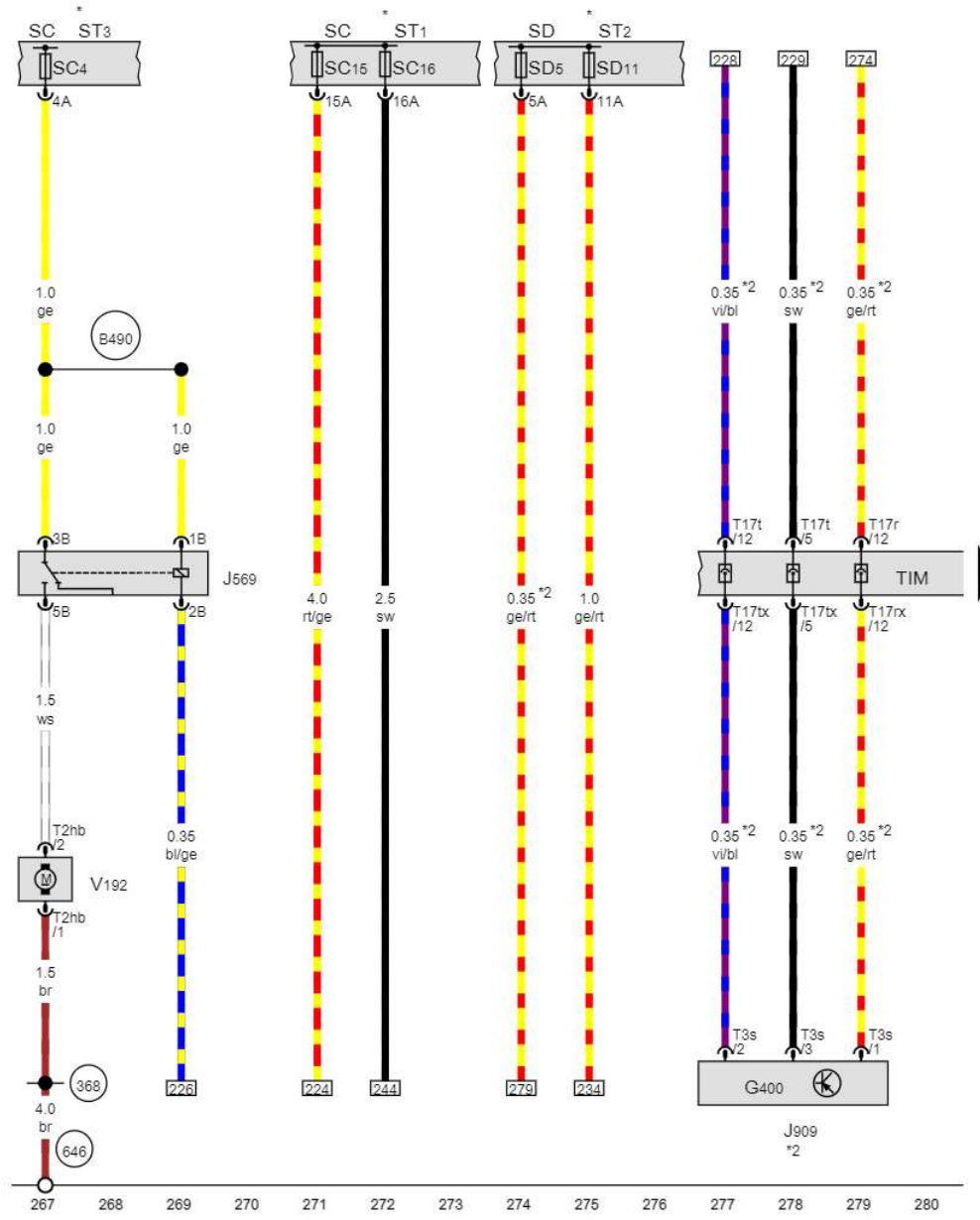


- F Brake Lamp Switch
- G32 Engine Coolant Level Sensor
- J393 Comfort System Central Control Module
- J519 Vehicle Electrical System Control Module
- SD Fuse Panel D
- ST1 Fuse Panel 1
- SD3 Fuse 3 (On Fuse Panel D)
- SD5 Fuse 5 (On Fuse Panel D)
- T2gp 2-Pin Connector, Black
- T4w 4-Pin Connector, Black
- T17g 17-Pin Connector, Black
- T32a 32-Pin Connector, Black
- T32e 32-Pin Connector, Gray
- 373 Ground Connection 8 (in Main Wiring Harness)
- 410 Sensor Ground Connection 1 (in Main Wiring Harness)
- 687 Ground Connection 1 on Center Tunnel
- B336 Connection 54 (in Main Wiring Harness) 2
- \* Refer to Applicable Wiring Diagram for Fuse Positions

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1453-0022008171



Fuel Tank Pressure Sensor, Brake Booster Relay, Fuel Tank Leak Detection Control Module, Brake System Vacuum Pump

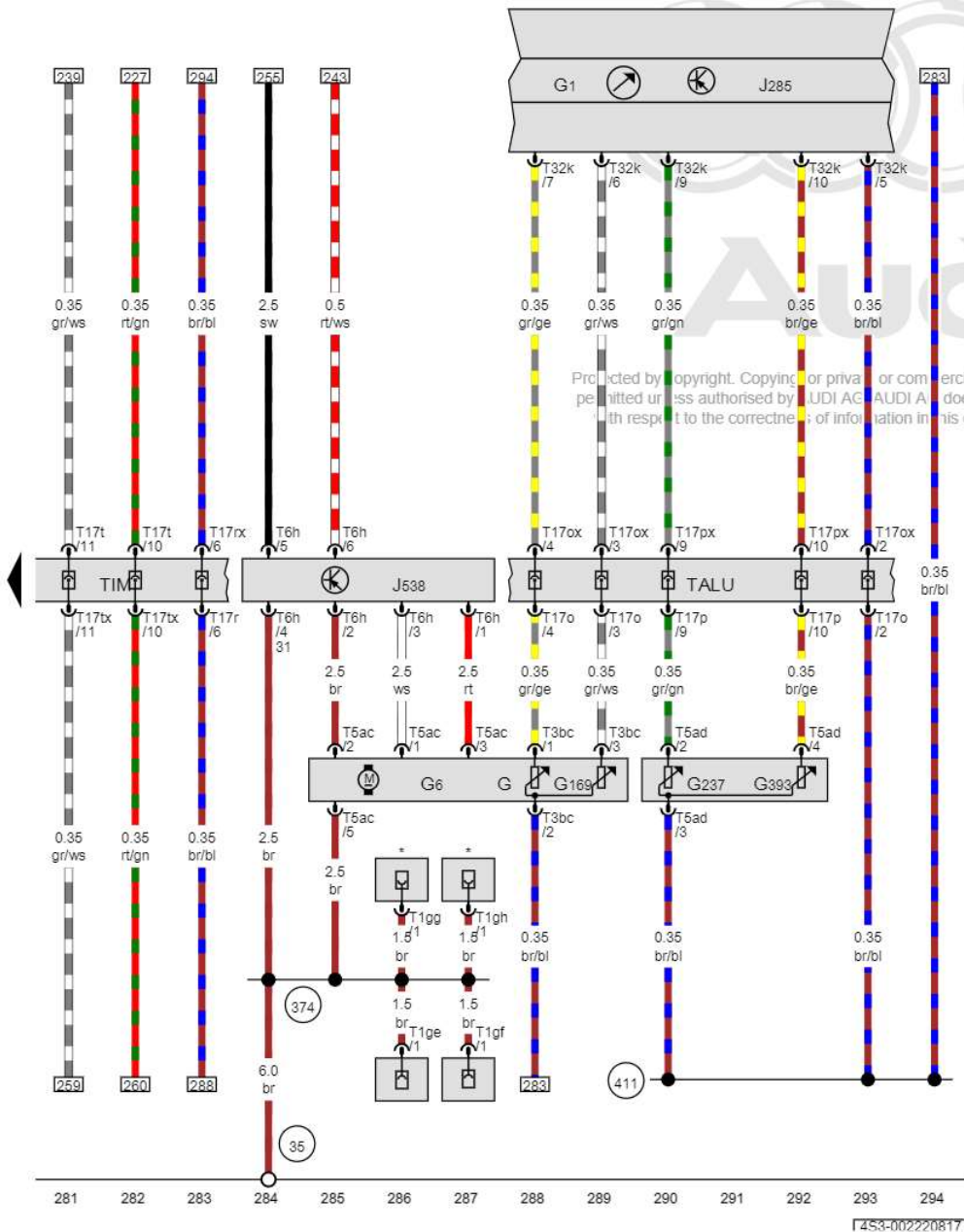
- G400 Fuel Tank Pressure Sensor
- J569 Brake Booster Relay
- J909 Fuel Tank Leak Detection Control Module
- SC Fuse Panel C
- SD Fuse Panel D
- ST1 Fuse Panel 1
- ST2 Fuse Panel 2
- ST3 Fuse Panel 3
- SC4 Fuse 4 (On Fuse Panel C)
- SD5 Fuse 5 (On Fuse Panel D)
- SD11 Fuse 11 (On Fuse Panel D)
- SC15 Fuse 15 (On Fuse Panel C)
- SC16 Fuse 16 (On Fuse Panel C)
- T2hb 2-Pin Connector
- T3s 3-Pin Connector, Black
- T17r 17-Pin Connector, Black
- T17rx 17-Pin Connector, Black
- T17t 17-Pin Connector, Brown
- T17tx 17-Pin Connector, Brown
- TIM Coupling Point in Interior, Center
- V192 Brake System Vacuum Pump

- 368 Ground Connection 3 (in Main Wiring Harness)
- 646 Ground Connection 2 on Bulkhead
- B490 Connection 26 (in Main Wiring Harness)

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1453-0022108171



Fuel Gauge, Transfer Fuel Pump, Fuel Level Sensor 3, Instrument Cluster Control Module, Fuel Pump Control Module

- G Fuel Level Sensor
- G1 Fuel Gauge
- G6 Transfer Fuel Pump
- G169 Fuel Level Sensor 2
- G237 Fuel Level Sensor 3
- G393 Fuel Level Sensor 4
- J285 Instrument Cluster Control Module
- J538 Fuel Pump Control Module
- T1ge 1-Pin Connector, Near the Fuel Filler Neck
- T1gf 1-Pin Connector, On the Right Fuel Tank
- T1gg 1-Pin Connector, Near the Fuel Filler Neck
- T1gh 1-Pin Connector, Near the Fuel Filler Neck
- T17t 17-Pin Connector, Black
- T17x 17-Pin Connector, Black
- T17r 17-Pin Connector, Black
- T17p 17-Pin Connector, Brown
- T17px 17-Pin Connector, Brown
- T17o 17-Pin Connector, Black
- T17ox 17-Pin Connector, Black
- T17rx 17-Pin Connector, Black
- T17tx 17-Pin Connector, Brown
- T17r 17-Pin Connector, Black
- T17p 17-Pin Connector, Brown
- T17px 17-Pin Connector, Brown
- T17o 17-Pin Connector, Black
- T32k 32-Pin Connector, Gray
- TALU Coupling Point on Left A-Pillar, Bottom
- TIM Coupling Point in Interior, Center

- 35 Ground Connection Under Front Passenger Seat
- 374 Ground Connection 9 (in Main Wiring Harness)
- 411 Sensor Ground Connection 2 (in Main Wiring Harness)
- \* For USA Only

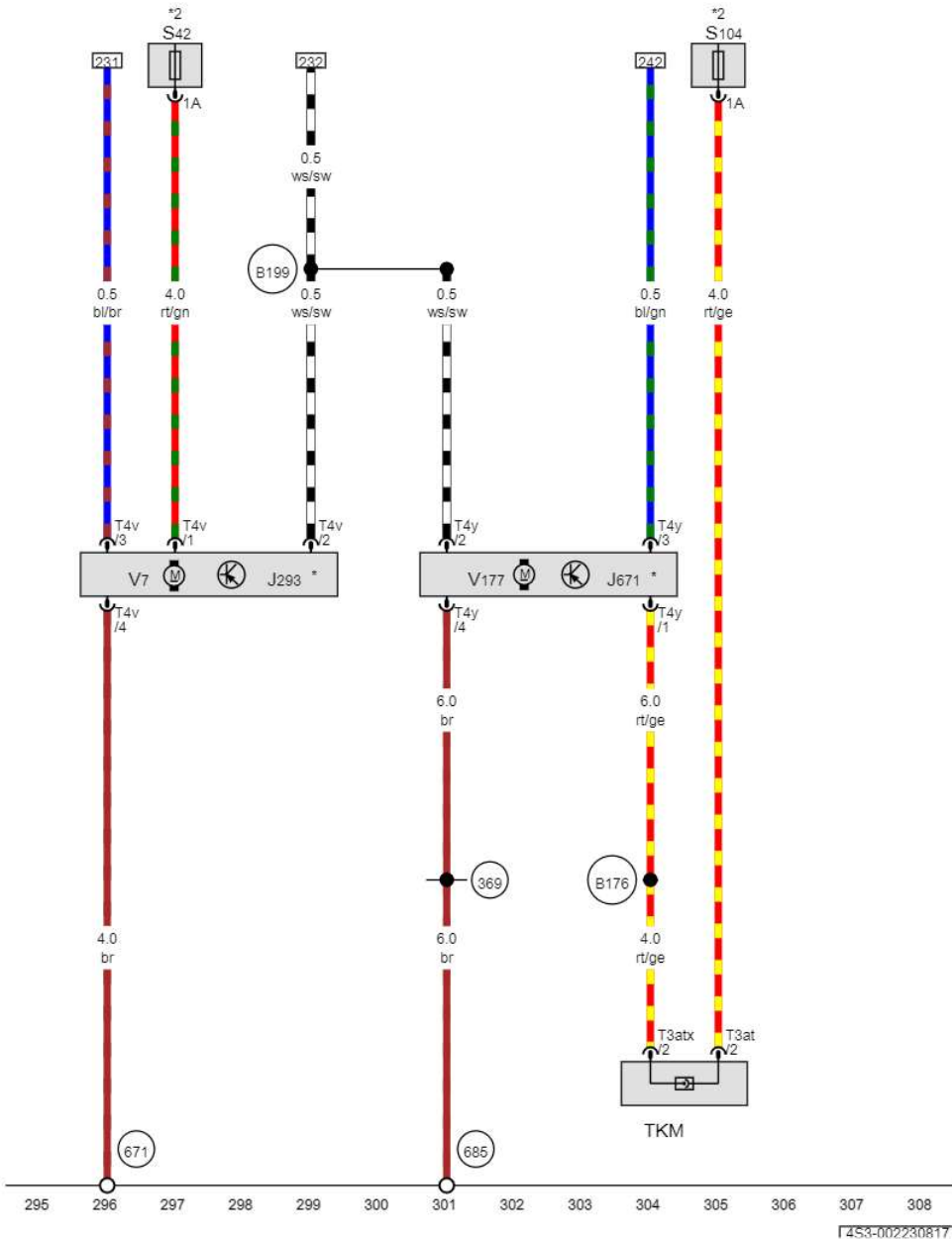
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17453-0022208171

Radiator Fan Control Module, Radiator Fan Control Module 2, Radiator Fan, Radiator Fan 2

- J293 Radiator Fan Control Module
- J671 Radiator Fan Control Module 2
- S42 Radiator Fan Fuse
- S104 Radiator Fan Second Speed Fuse
- T3at 3-Pin Connector, Black
- T3atx 3-Pin Connector, Black
- T4v 4-Pin Connector, Black
- T4y 4-Pin Connector, Black
- TKM Coupling Point in Luggage Compartment, Center, Near the Main Fuse Box
- V7 Radiator Fan
- V177 Radiator Fan 2

- 369 Ground Connection 4 (in Main Wiring Harness)
- 671 Ground Connection 1 on Left Front Longitudinal Member
- 685 Ground Connection 1 on Right Front Longitudinal Member
- B176 Fresh Air Blower Positive Connection (in Interior Wiring Harness)
- B199 Fresh Air Blower Connection 1 (in Interior Wiring Harness)
- \* Pre-Wired Component
- \*2 Refer to Applicable Wiring Diagram for Fuse Positions



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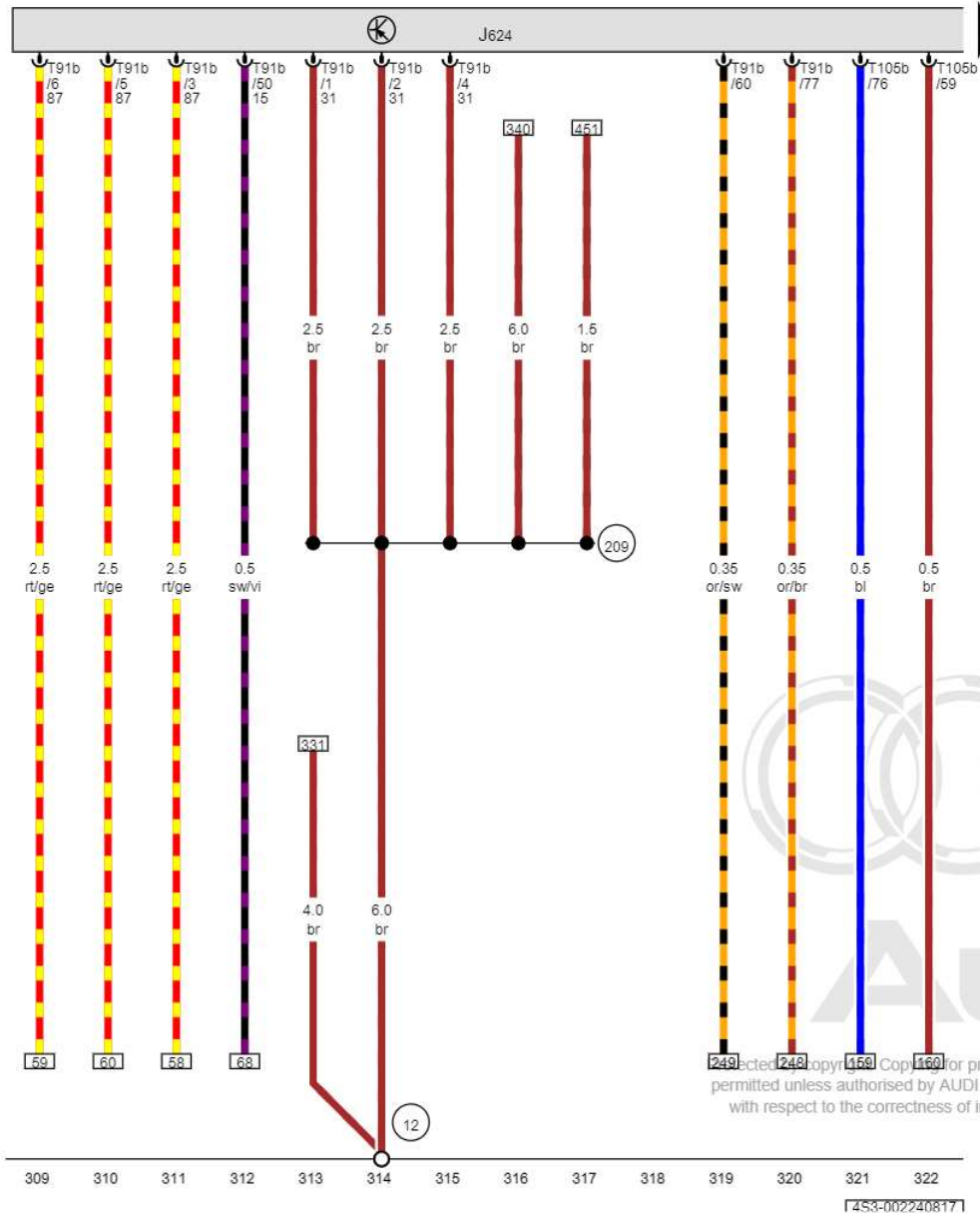
1453-0022308171



Engine/Motor Control Module 2

J624 Engine/Motor Control Module 2  
 T91b 91-Pin Connector, Black  
 T105b 105-Pin Connector, Black

- 12 Ground Connection in Engine/Motor Compartment, Left
- 209 Ground Connection 6 (in Engine/Motor Compartment Wiring Harness)



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- bl = blue
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- vi = lilac
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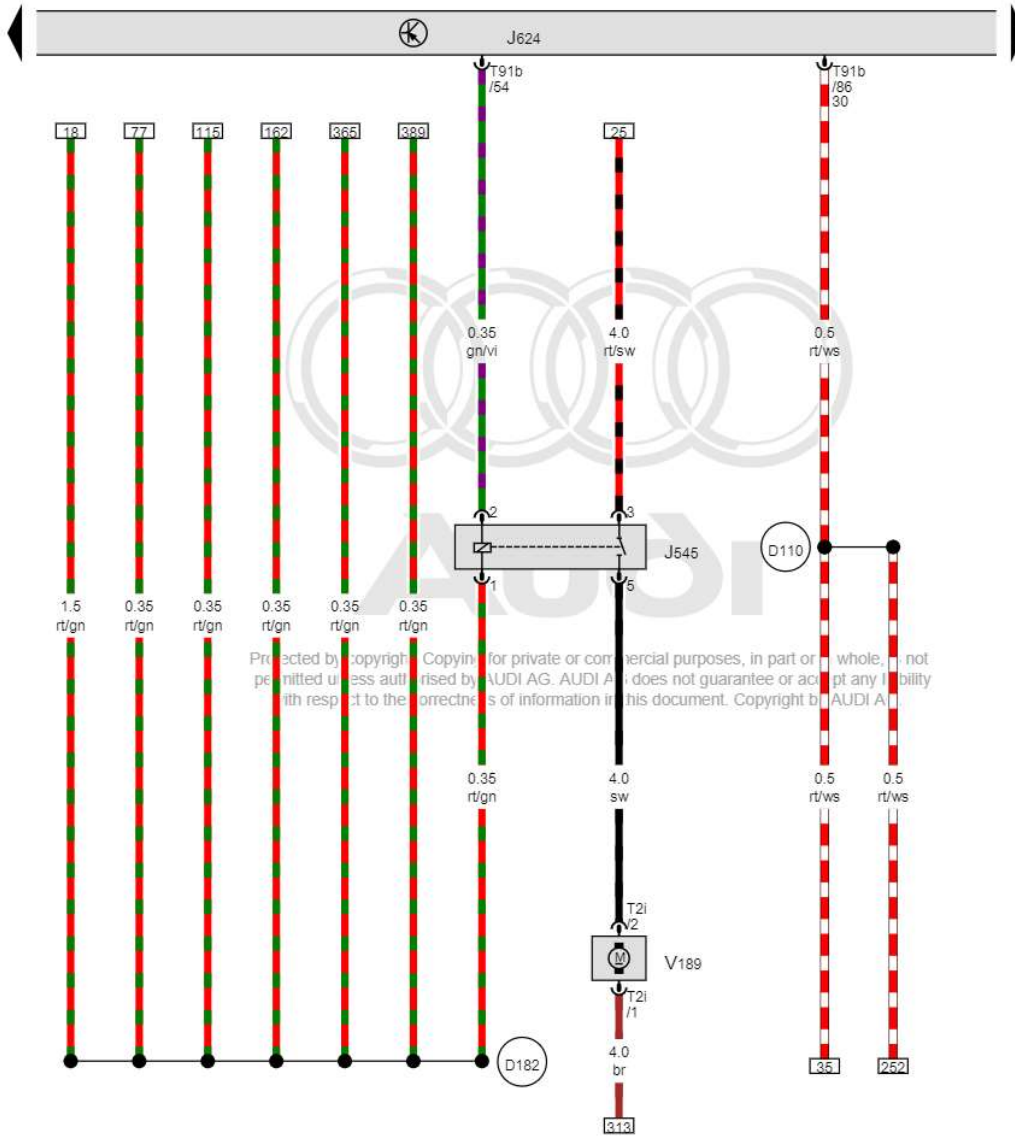
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1453-002240817

Secondary Air Injection Pump Relay 2, Engine/Motor Control Module 2, Secondary Air Injection Pump Motor 2

- J545 Secondary Air Injection Pump Relay 2
- J624 Engine/Motor Control Module 2
- T2i 2-Pin Connector, Black
- T91b 91-Pin Connector, Black
- V189 Secondary Air Injection Pump Motor 2

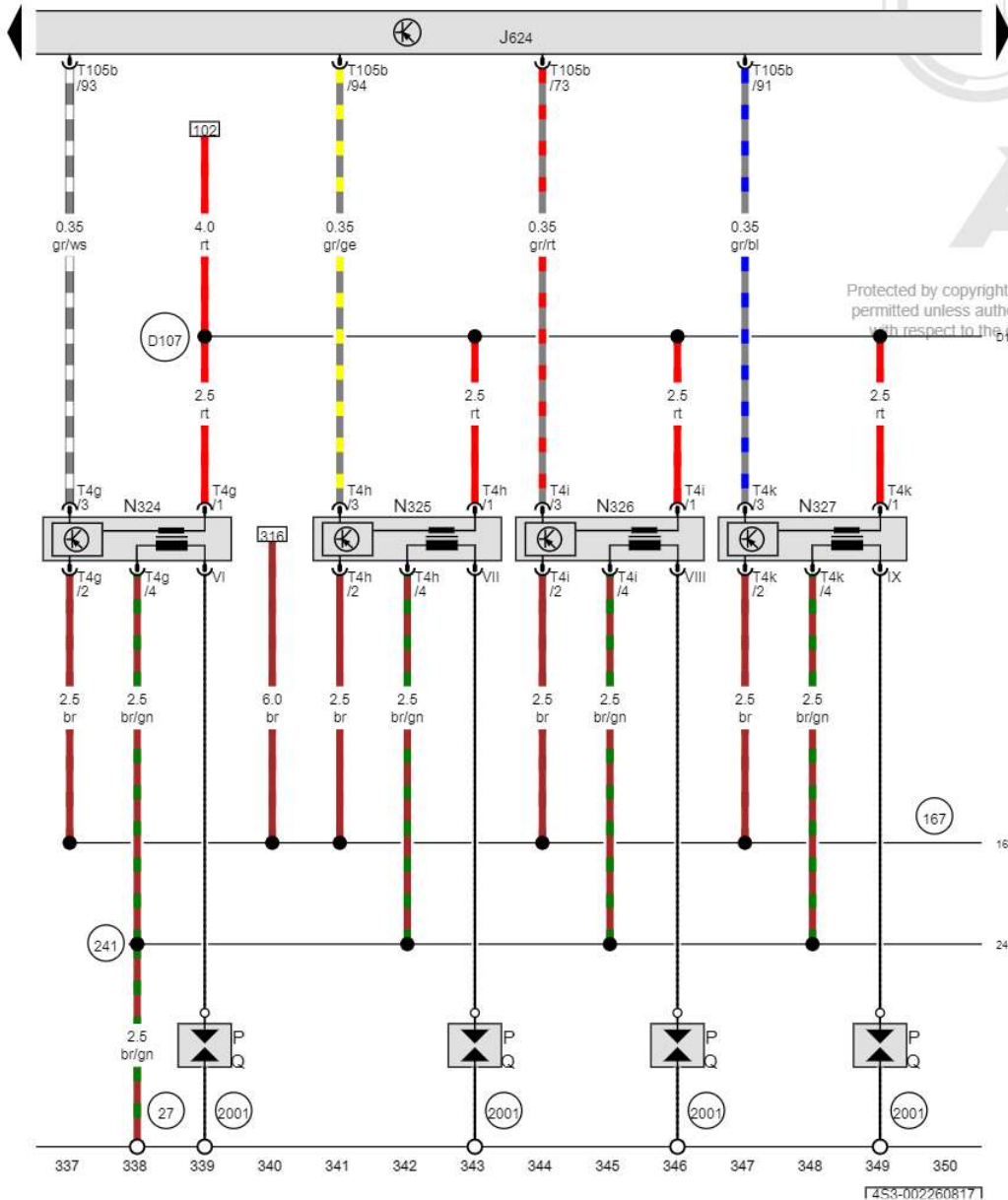
- (D110) Connection 8 (in Engine/Motor Compartment Wiring Harness)
- (D182) Connection 3 (87A) (in Engine/Motor Compartment Wiring Harness)



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[453-002250817]



Engine/Motor Control Module 2, Ignition Coil 6 with Power Output Stage, Ignition Coil 7 with Power Output Stage, Ignition Coil 8 with Power Output Stage, Ignition Coil 9 with Power Output Stage

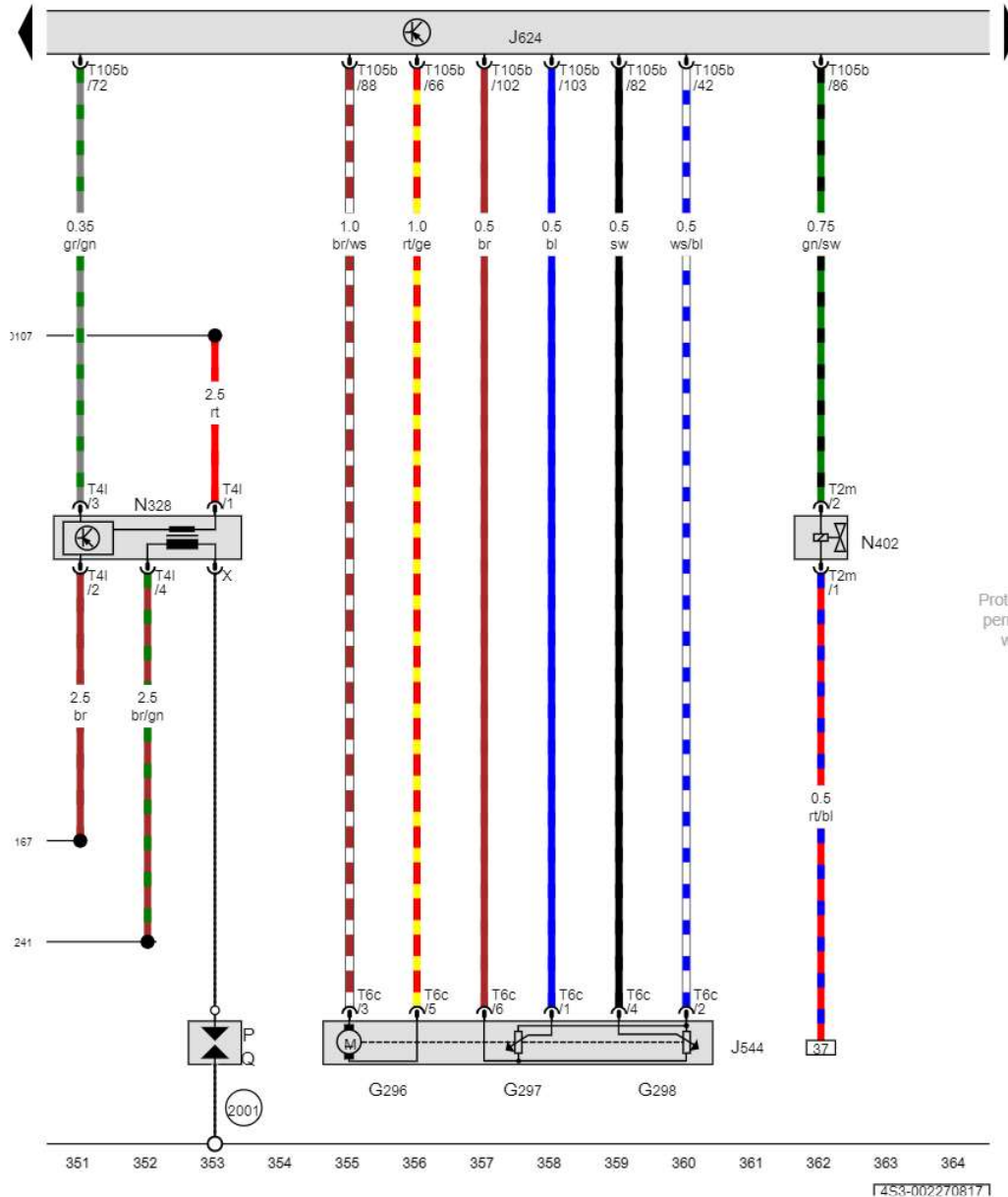
- J624 Engine/Motor Control Module 2
- N324 Ignition Coil 6 with Power Output Stage
- N325 Ignition Coil 7 with Power Output Stage
- N326 Ignition Coil 8 with Power Output Stage
- N327 Ignition Coil 9 with Power Output Stage
- P Spark Plug Connectors
- Q Spark Plugs
- T4g 4-Pin Connector, Black
- T4h 4-Pin Connector, Black
- T4i 4-Pin Connector, Black
- T4k 4-Pin Connector, Black
- T105b 105-Pin Connector, Black

- 27 Ground Connection 2 on Valve Cover
- 167 Ground Connection 4 (in Engine/Motor Compartment Wiring Harness)
- 241 Engine Ground Connection 2 (in Engine Wiring Harness)
- 2001 Frame Ground
- D107 Connection 5 (in Engine/Motor Compartment Wiring Harness)

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1453-002260817



Throttle Valve Control Module 2, Engine/Motor Control Module 2, Ignition Coil 10 with Power Output Stage, Fuel Metering Valve 2

- G296 Throttle Drive 2
- G297 Throttle Drive 2 Angle Sensor 1
- G298 Throttle Drive 2 Angle Sensor 2
- J544 Throttle Valve Control Module 2
- J624 Engine/Motor Control Module 2
- N328 Ignition Coil 10 with Power Output Stage
- N402 Fuel Metering Valve 2
- P Spark Plug Connectors
- Q Spark Plugs
- T2m 2-Pin Connector, Black
- T41 4-Pin Connector, Black
- T6c 6-Pin Connector, Black
- T105b 105-Pin Connector, Black

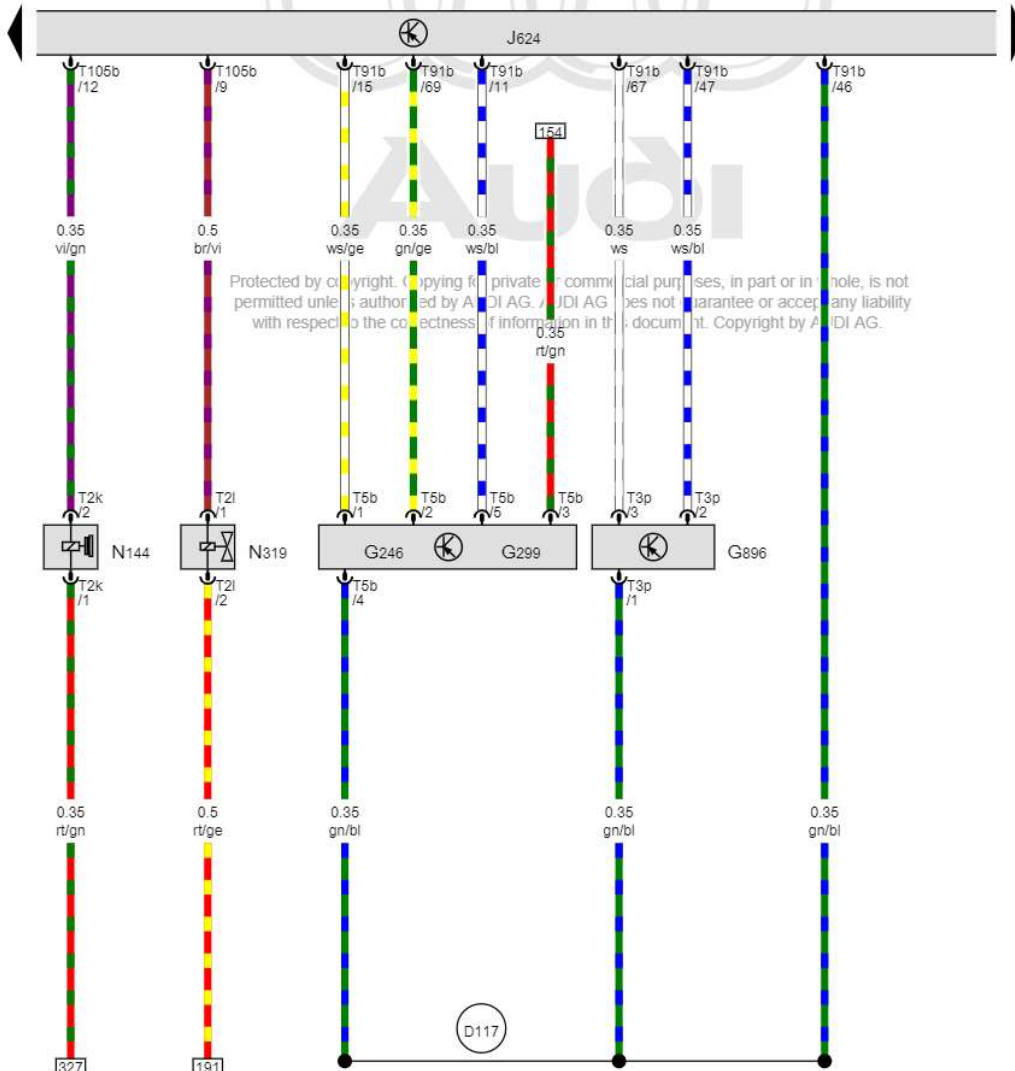
- 167 Ground Connection 4 (in Engine/Motor Compartment Wiring Harness)
- 241 Engine Ground Connection 2 (in Engine Wiring Harness)
- 2001 Frame Ground
- D107 Connection 5 (in Engine/Motor Compartment Wiring Harness)

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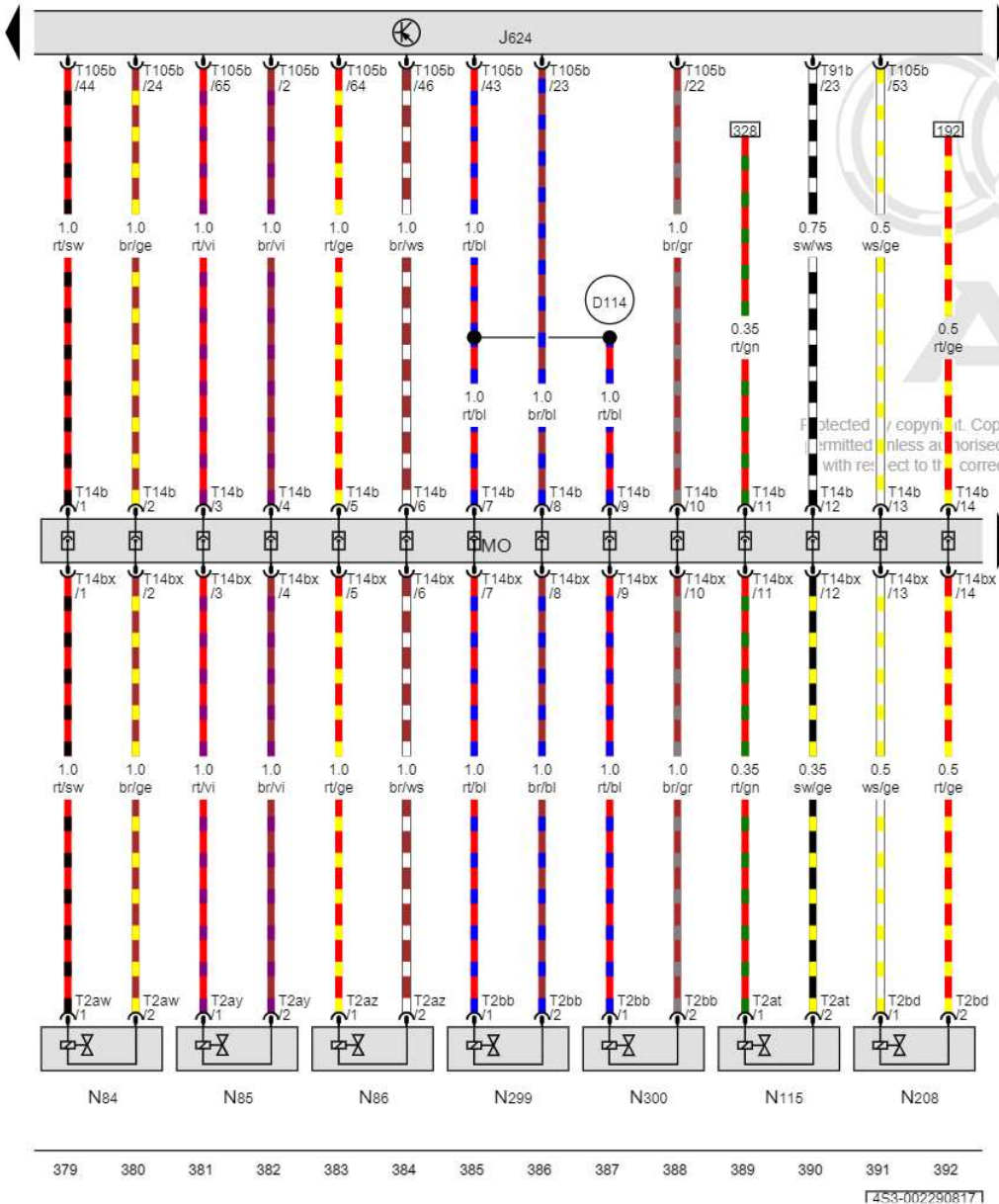
Mass Airflow Sensor 2, Intake Air Temperature Sensor 2, Low Fuel Pressure Sensor 2, Engine/Motor Control Module 2, Left Electrohydraulic Engine Mount Solenoid Valve, Exhaust Camshaft Adjustment Valve 2

- G246 Mass Airflow Sensor 2
- G299 Intake Air Temperature Sensor 2
- G896 Low Fuel Pressure Sensor 2
- J624 Engine/Motor Control Module 2
- N144 Left Electrohydraulic Engine Mount Solenoid Valve
- N319 Exhaust Camshaft Adjustment Valve 2
- T2k 2-Pin Connector, Black
- T2l 2-Pin Connector, Black
- T3p 3-Pin Connector, Gray
- T5b 5-Pin Connector, Black
- T91b 91-Pin Connector, Black
- T105b 105-Pin Connector, Black
- D117 Connection 15 (in Engine/Motor Compartment Wiring Harness)

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

[453-002280817]



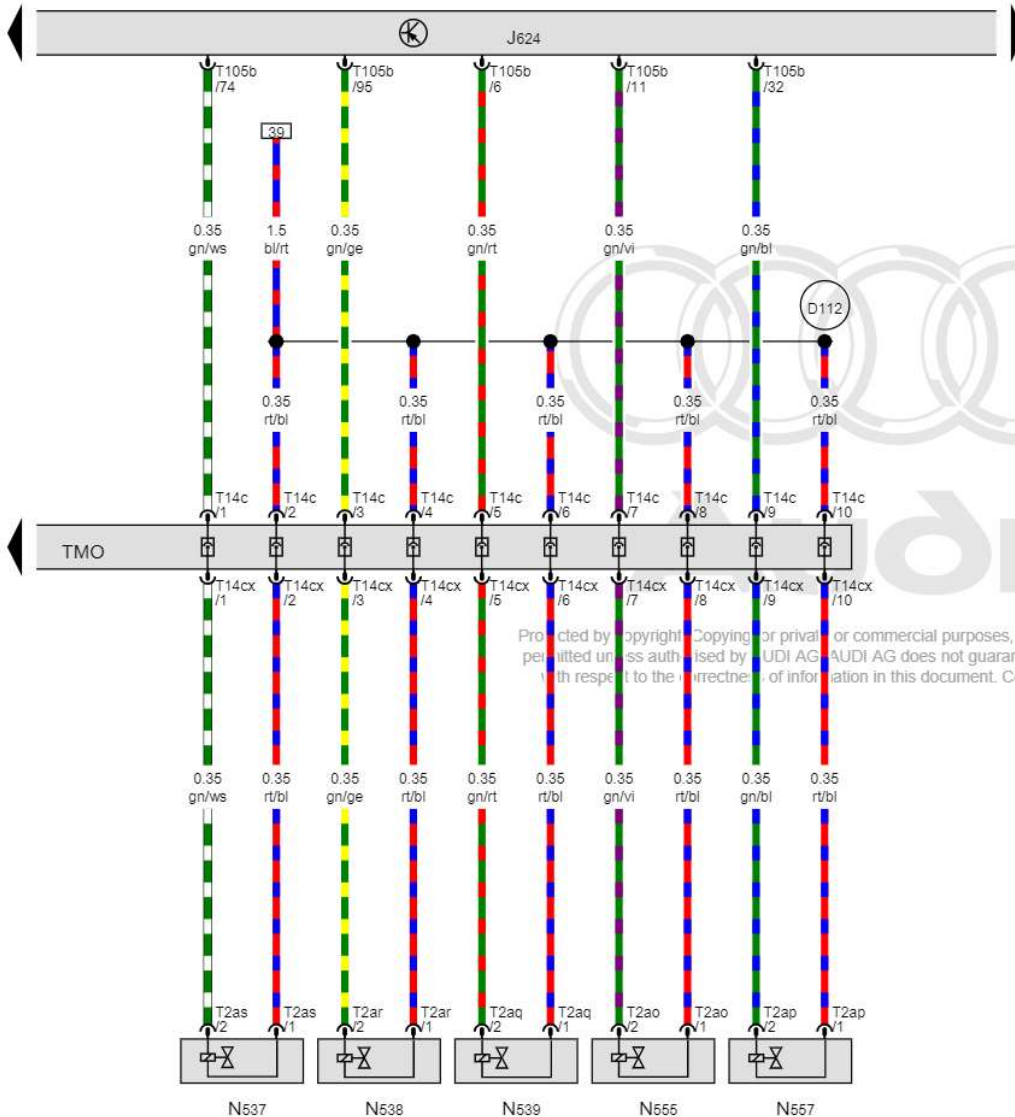
Engine/Motor Control Module 2, Cylinder 6 Fuel Injector, Cylinder 8 Fuel Injector, EVAP Canister Purge Regulator Valve 2, Camshaft Adjustment Valve 2, Cylinder 10 Fuel Injector

- J624 Engine/Motor Control Module 2
- N84 Cylinder 6 Fuel Injector
- N85 Cylinder 7 Fuel Injector
- N86 Cylinder 8 Fuel Injector
- N115 EVAP Canister Purge Regulator Valve 2
- N208 Camshaft Adjustment Valve 2
- N299 Cylinder 9 Fuel Injector
- N300 Cylinder 10 Fuel Injector
- T2at 2-Pin Connector
- T2aw 2-Pin Connector
- T2ay 2-Pin Connector
- T2az 2-Pin Connector
- T2bb 2-Pin Connector
- T2bd 2-Pin Connector
- T14b 14-Pin Connector, Black
- T14bx 14-Pin Connector, Black
- T91b 91-Pin Connector, Black
- T105b 105-Pin Connector, Black
- TMO Coupling Point on Engine, Top
- D114 Connection 12 (in Engine/Motor Compartment Wiring Harness)

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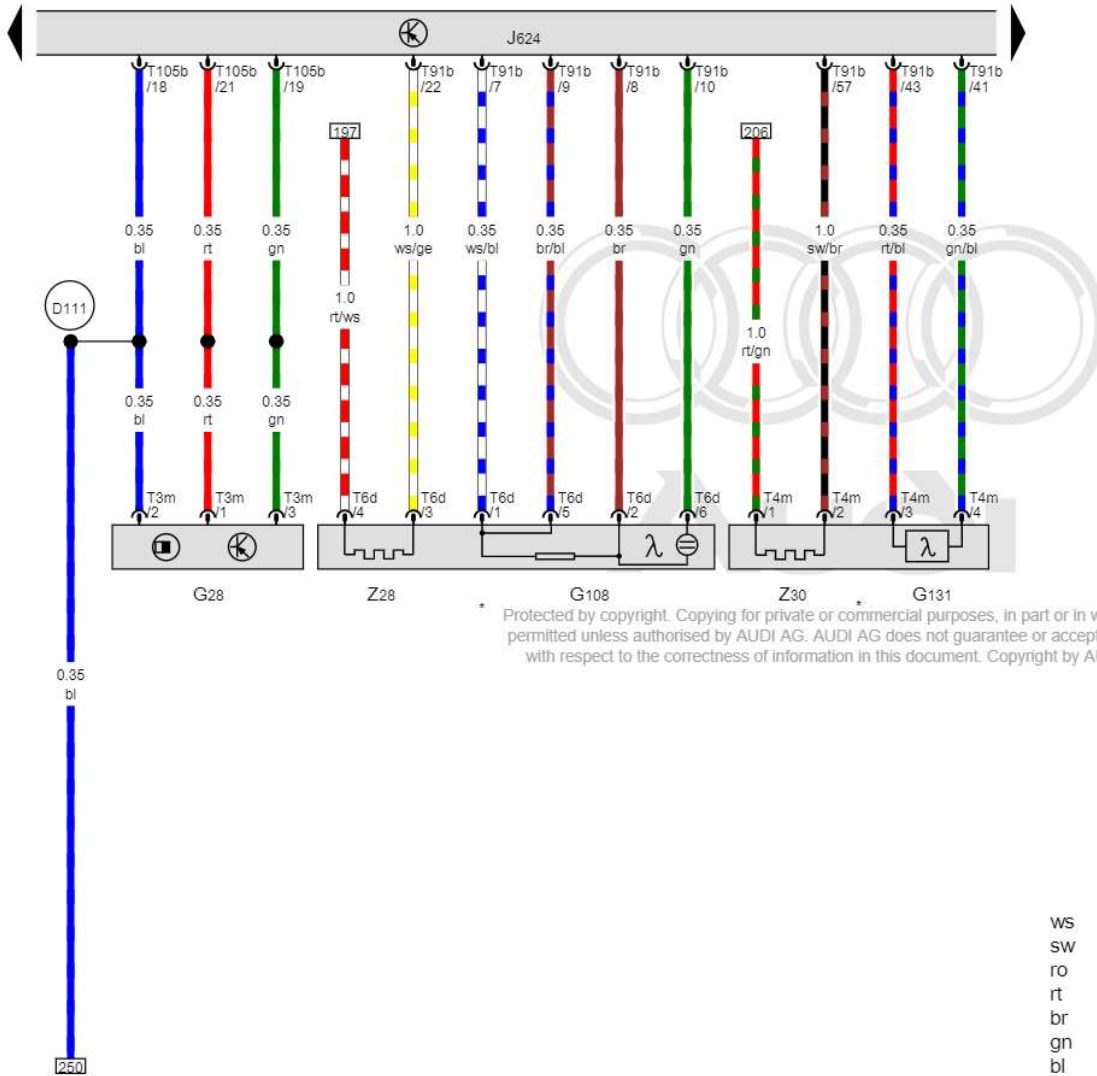
Engine/Motor Control Module 2, Cylinder 6 Fuel Injector 2, Cylinder 7 Fuel Injector 2, Cylinder 10 Fuel Injector 2



- J624 Engine/Motor Control Module 2
- N537 Cylinder 6 Fuel Injector 2
- N538 Cylinder 7 Fuel Injector 2
- N539 Cylinder 8 Fuel Injector 2
- N555 Cylinder 9 Fuel Injector 2
- N557 Cylinder 10 Fuel Injector 2
- T2ao 2-Pin Connector, Black
- T2ap 2-Pin Connector, Black
- T2aq 2-Pin Connector, Black
- T2ar 2-Pin Connector, Black
- T2as 2-Pin Connector, Black
- T14c 14-Pin Connector, Brown
- T14cx 14-Pin Connector, Brown
- T105b 105-Pin Connector, Black
- TMO Coupling Point on Engine, Top
- D112 Connection 10 (in Engine/Motor Compartment Wiring Harness)

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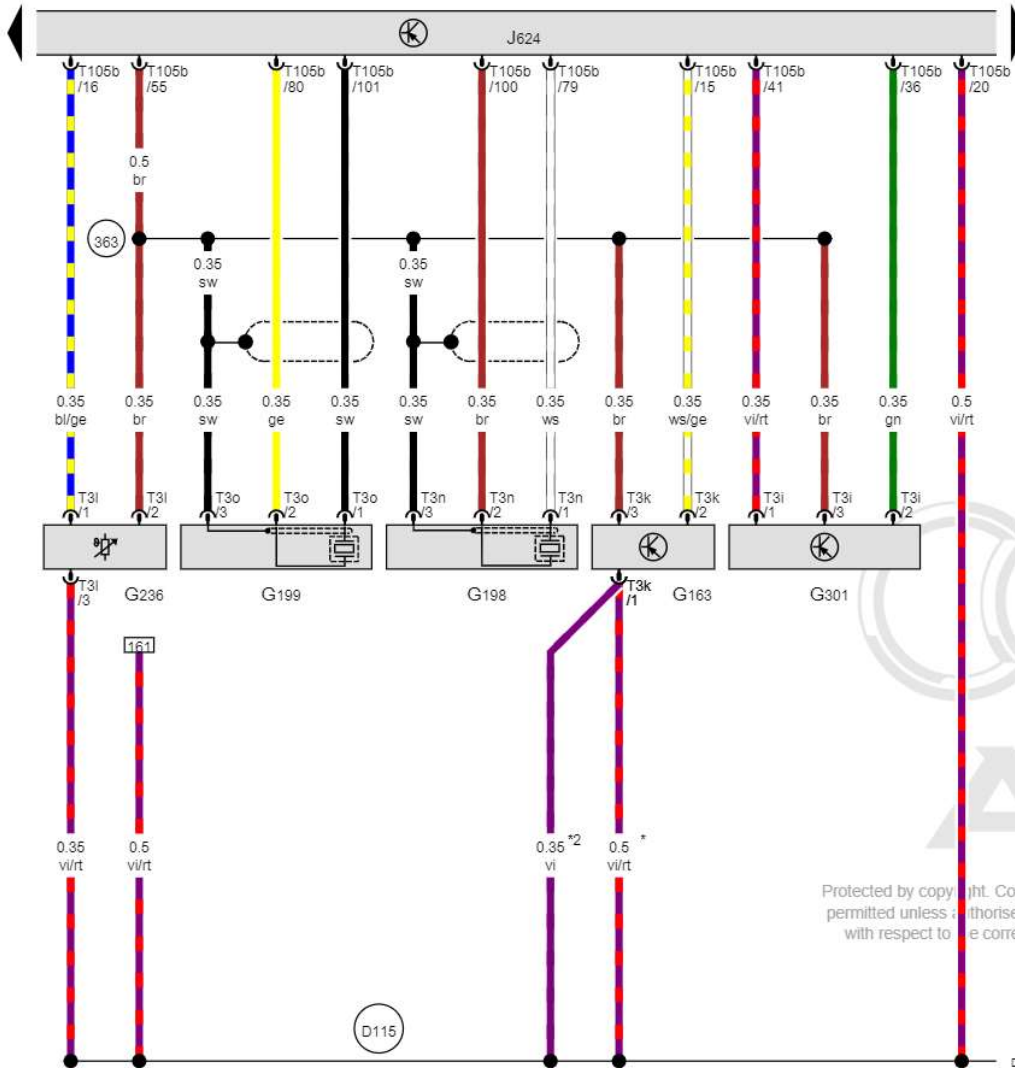


Engine Speed Sensor, Heated Oxygen Sensor 2, Oxygen Sensor 2 After Catalytic Converter, Engine/Motor Control Module 2

- G28 Engine Speed Sensor
- G108 Heated Oxygen Sensor 2
- G131 Oxygen Sensor 2 After Catalytic Converter
- J624 Engine/Motor Control Module 2
- T3m 3-Pin Connector, Black
- T4m 4-Pin Connector, Black
- T6d 6-Pin Connector, Black
- T91b 91-Pin Connector, Black
- T105b 105-Pin Connector, Black
- Z28 Oxygen Sensor 2 Heater
- Z30 Heater for Oxygen Sensor 2 After Catalytic Converter
- D111 Connection 9 (in Engine/Motor Compartment Wiring Harness)
- \* Pre-Wired Component

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Camshaft Position Sensor 2, Knock Sensor 3, Knock Sensor 4, Exhaust Gas Temperature Sensor 1 Bank 2, Camshaft Position Sensor 4, Engine/Motor Control Module 2

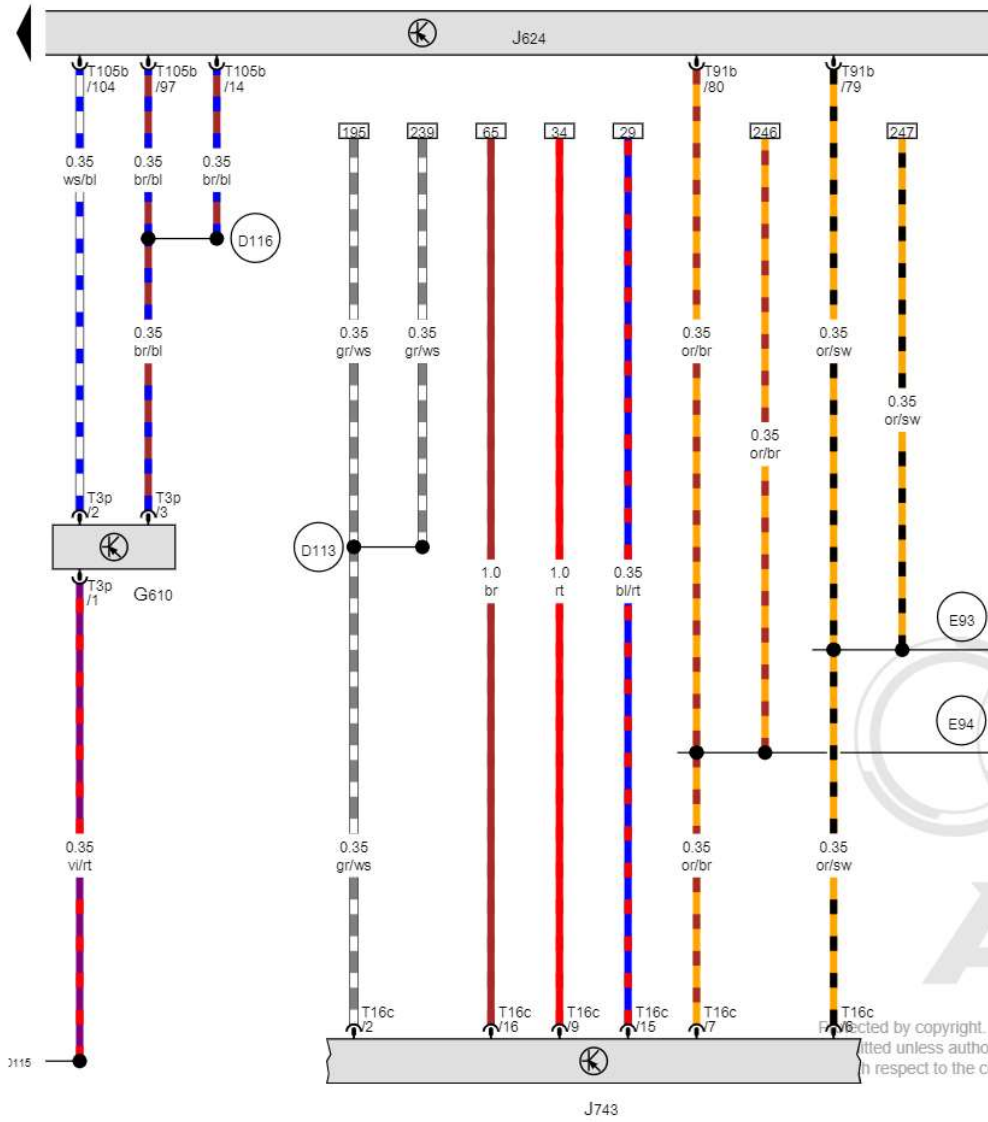
- G163 Camshaft Position Sensor 2
- G198 Knock Sensor 3
- G199 Knock Sensor 4
- G236 Exhaust Gas Temperature Sensor 1 Bank 2
- G301 Camshaft Position Sensor 4
- J624 Engine/Motor Control Module 2
- T3i 3-Pin Connector, Black
- T3k 3-Pin Connector, Black
- T3l 3-Pin Connector, Black
- T3n 3-Pin Connector, Brown
- T3o 3-Pin Connector, Gray
- T105b 105-Pin Connector, Black
- 363 Ground Connection 8 (in Engine/Motor Compartment Wiring Harness)
- D115 Connection 13 (in Engine/Motor Compartment Wiring Harness)
- \* Through October 2016
- \*2 From November 2016

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Engine/Motor Control Module 2, Dual-Clutch Transmission Mechatronic



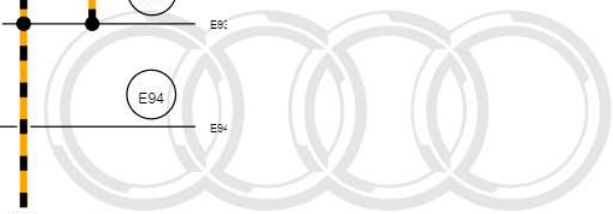
- G610 Secondary Air Injection Sensor 2
- J624 Engine/Motor Control Module 2
- J743 Dual-Clutch Transmission Mechatronic
- T3p 3-Pin Connector
- T16c 16-Pin Connector, Black
- T91b 91-Pin Connector, Black
- T105b 105-Pin Connector, Black
- D113 Connection 11 (in Engine/Motor Compartment Wiring Harness)
- D115 Connection 13 (in Engine/Motor Compartment Wiring Harness)
- D116 Connection 14 (in Engine/Motor Compartment Wiring Harness)
- E93 CAN Bus High Connection 1 (in Engine Wiring Harness)
- E94 CAN Bus Low Connection 1 (in Engine Wiring Harness)
- \* Refer to Applicable Wiring Diagram for Automatic Transmission

115

435 436 437 438 439 440 441 442 443 444 445 446 447 448

[453-002330817]

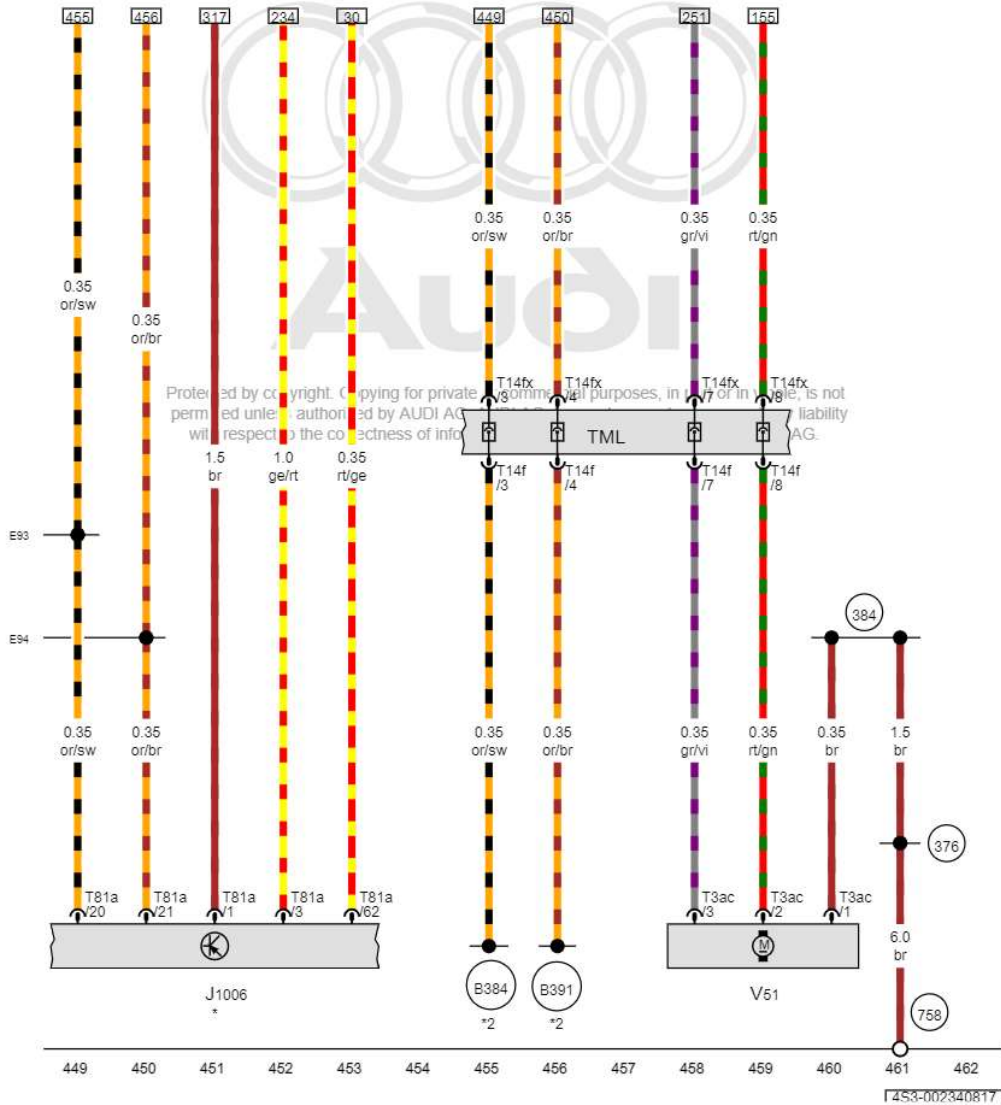
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Automatic Transmission Control Module 2, After-Run Coolant Pump

- J1006 Automatic Transmission Control Module 2
- T3ac 3-Pin Connector, Black
- T14f 14-Pin Connector, Black
- T14fx 14-Pin Connector, Black
- T81a 81-Pin Connector, Black
- TML Coupling Point in Engine/Motor Compartment, Left
- V51 After-Run Coolant Pump

- 376 Ground Connection 11 (in Main Wiring Harness)
- 384 Ground Connection 19 (in Main Wiring Harness)
- 758 Ground Connection 3 on Center Tunnel
- B384 Powertrain CAN Bus High Connection 2 (in Main Wiring Harness)
- B391 Powertrain CAN Bus Low Connection 2 (in Main Wiring Harness)
- E93 CAN Bus High Connection 1 (in Engine Wiring Harness)
- E94 CAN Bus Low Connection 1 (in Engine Wiring Harness)
- \* Refer to Applicable Wiring Diagram for Automatic Transmission
- \*2 Refer to Applicable Wiring Diagram for Data Bus Networking



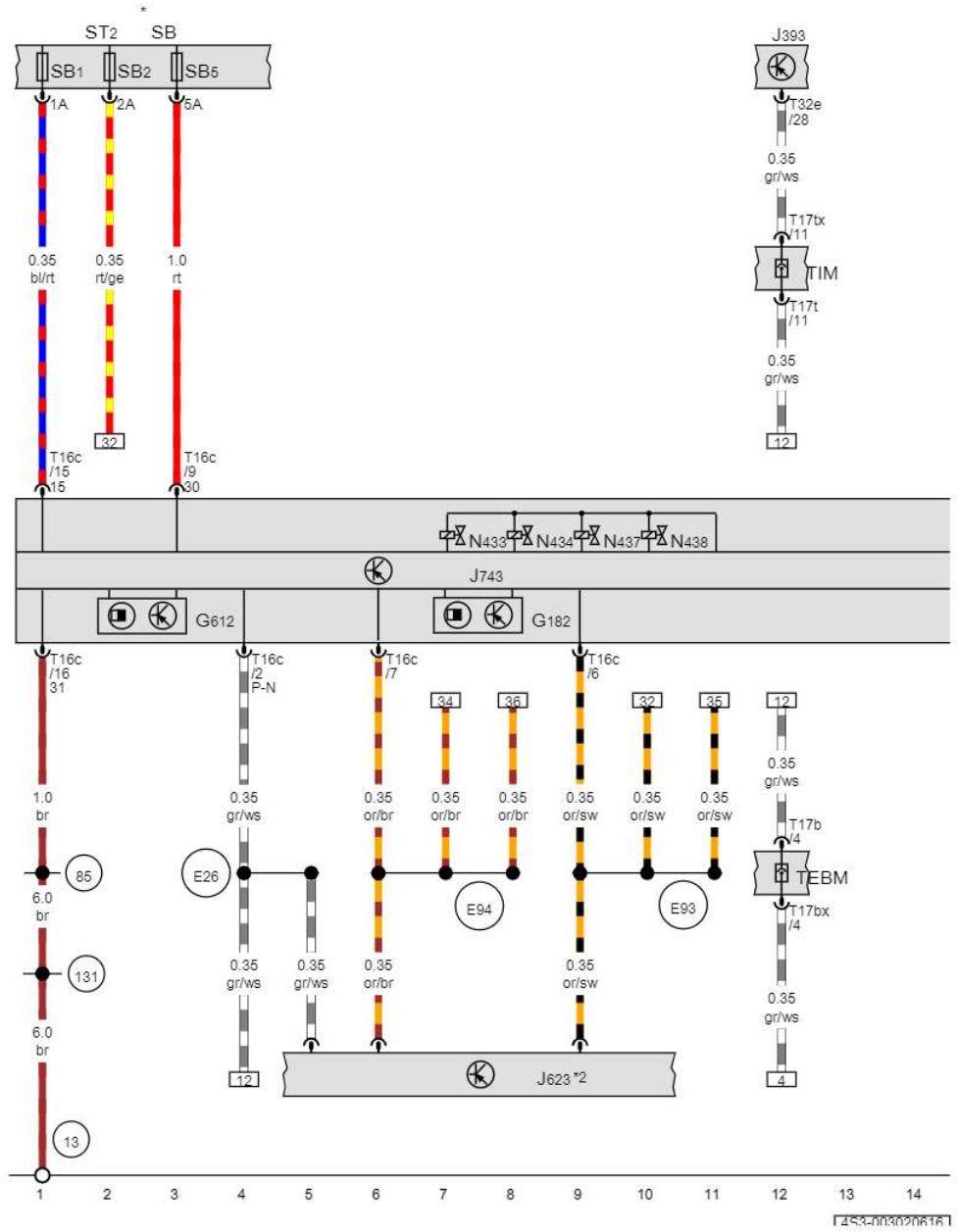
**Automatic transmission - 7-speed DSG 0BZ**  
from September 2015



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Transmission input speed sensor, Engine control module, DSG transmission Mechatronic

- G182 Transmission input speed sensor
- G612 Transmission input speed sensor 2
- J393 Comfort system central control module
- J623 Engine control module
- J743 DSG transmission Mechatronic
- N433 Sub-transmission 1 valve 1
- N434 Sub-transmission 1 valve 2
- N437 Sub-transmission 2 valve 1
- N438 Sub-transmission 2 valve 2
- SB Fuse panel B
- SB1 Fuse 1 (on fuse panel B)
- SB2 Fuse 2 (on fuse panel B)
- ST2 Fuse panel 2
- SB5 Fuse 5 (on fuse panel B)
- T16c 16-pin connector, black
- T17b 17-pin connector, brown
- T17bx 17-pin connector, brown
- T17t 17-pin connector, brown
- T17tx 17-pin connector, brown
- T32e 32-pin connector, black
- TEBM Coupling point in the engine compartment E-box
- TIM Coupling point in interior, center

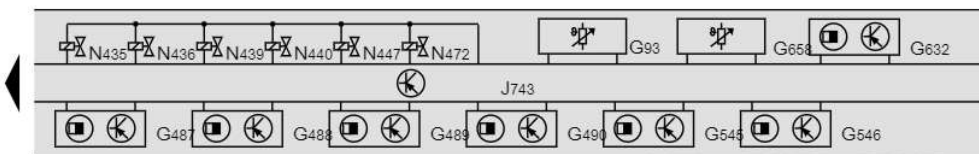
- 13 Ground connection in engine compartment, right
  - 85 Ground connection 1 (in engine compartment wiring harness)
  - 131 Ground connection 2 (in engine compartment wiring harness)
  - E26 Selector lever P/N position connection (in Motronic multiform fuel injection wiring harness)
  - E93 CAN bus high connection 1 (in engine wiring harness)
  - E94 CAN bus low connection 1 (in engine wiring harness)
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- \*2 Refer to applicable engine wiring diagram

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Transmission fluid temperature sensor, Gear position distance sensor 1, Gear position distance sensor 2, Gear position distance sensor 3, Gear position distance sensor 4, Hydraulic pressure sensor 1, Hydraulic pressure sensor 2, Clutch temperature sensor 1, DSG transmission Mechatronic, Clutch cooling valve 1, Main pressure valve

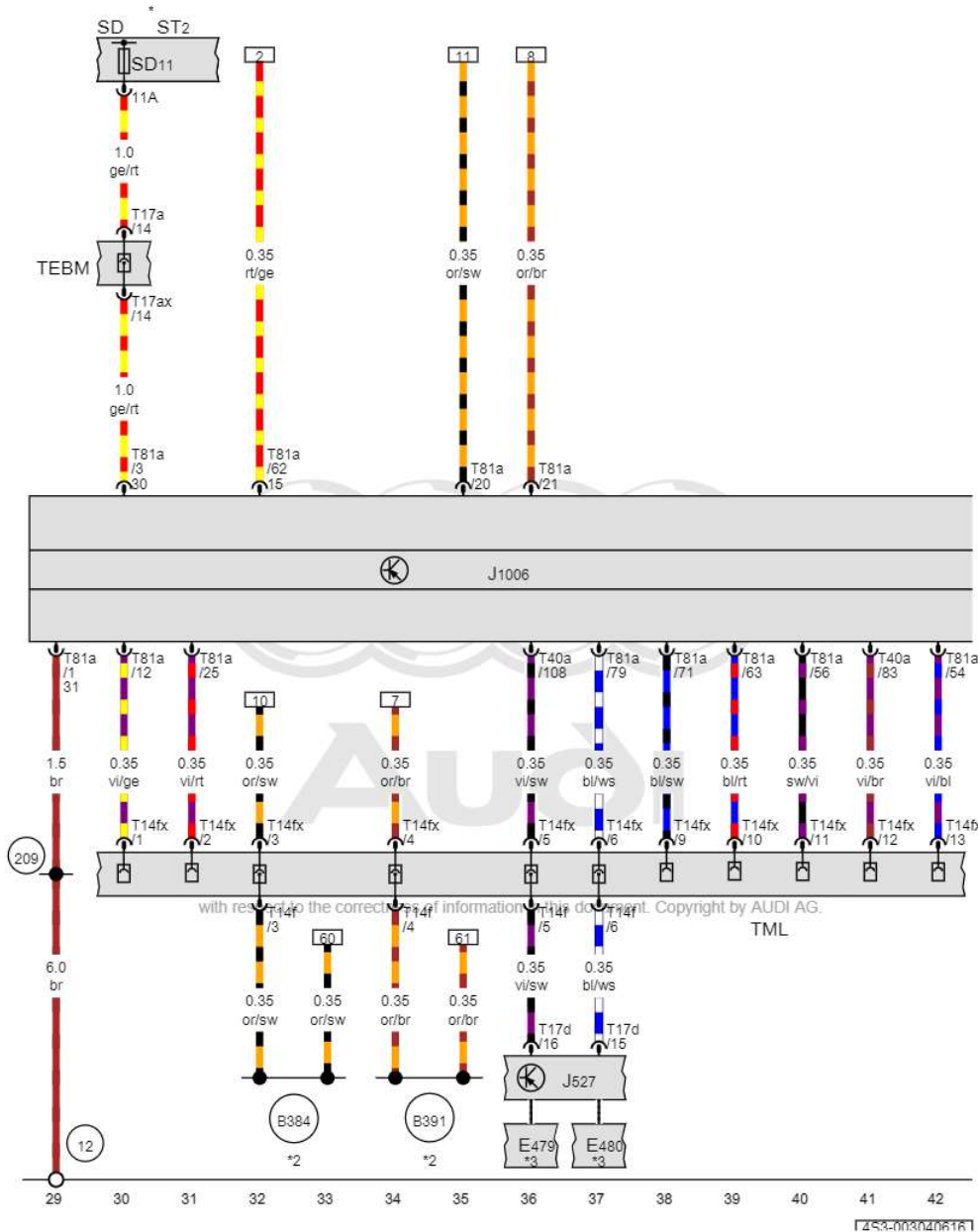
- G93 Transmission fluid temperature sensor
- G487 Gear position distance sensor 1
- G488 Gear position distance sensor 2
- G489 Gear position distance sensor 3
- G490 Gear position distance sensor 4
- G545 Hydraulic pressure sensor 1
- G546 Hydraulic pressure sensor 2
- G632 Transmission input speed sensor 1
- G658 Clutch temperature sensor 1
- J743 DSG transmission Mechatronic
- N435 Sub-transmission 1 valve 3
- N436 Sub-transmission 1 valve 4
- N439 Sub-transmission 2 valve 3
- N440 Sub-transmission 2 valve 4
- N447 Clutch cooling valve 1
- N472 Main pressure valve



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Automatic transmission control module 2

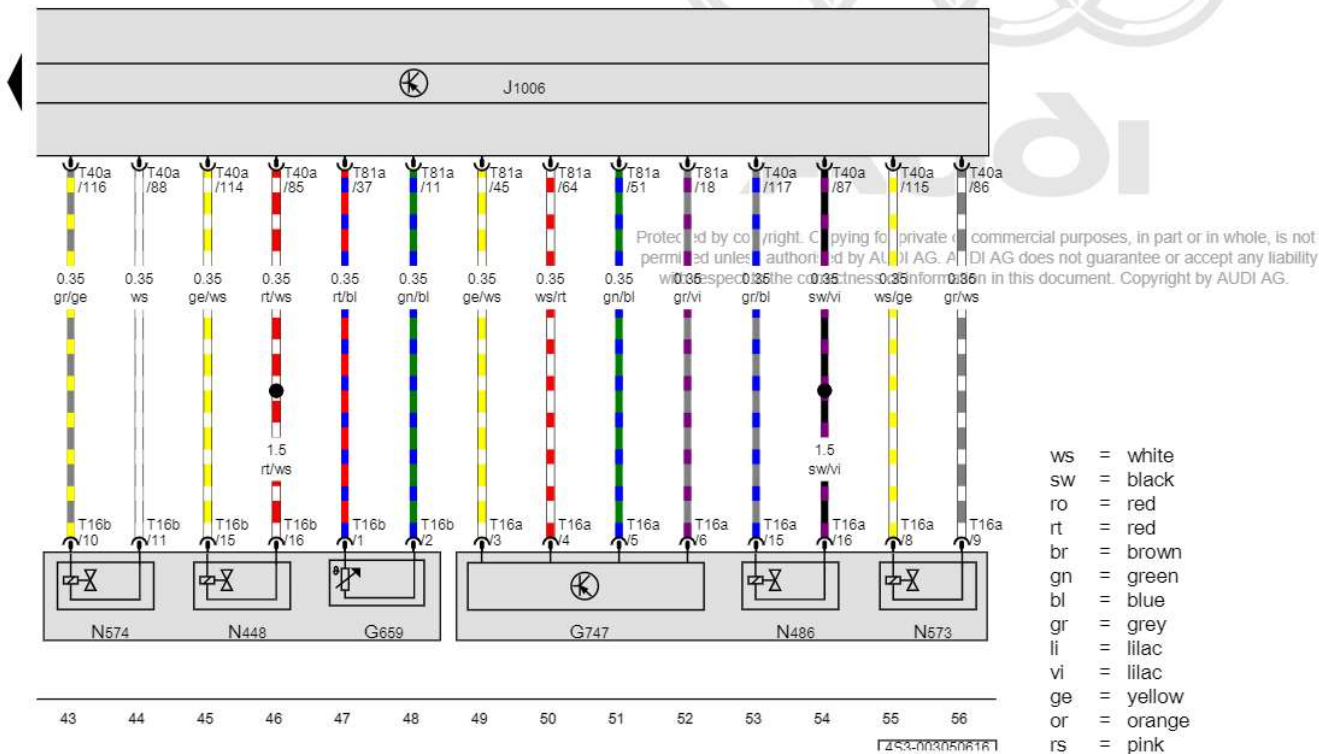


- E479 tiptronic upshift button
  - E480 tiptronic downshift button
  - J527 Steering column electronics control module
  - J1006 Automatic transmission control module 2
  - SD Fuse panel D
  - ST2 Fuse panel 2
  - SD11 Fuse 11 (on fuse panel D)
  - T14f 14-pin connector, black
  - T14fx 14-pin connector, black
  - T17a 17-pin connector, black
  - T17ax 17-pin connector, black
  - T17d 17-pin connector, yellow
  - T40a 40-pin connector, black
  - T81a 81-pin connector, black
  - TEBM Coupling point in the engine compartment E-box
  - TML Coupling point in engine compartment, left
- 12 Ground connection in engine compartment, left
  - 209 Ground connection 6 (in engine compartment wiring harness)
  - B384 Powertrain CAN bus high connection 2 (in main wiring harness)
  - B391 Powertrain CAN bus low connection 2 (in main wiring harness)
- \* Refer to applicable wiring diagram for fuse positions
  - \*2 Refer to applicable wiring diagram for data bus networking
  - \*3 Refer to applicable wiring diagram for multifunction steering wheel

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Clutch temperature sensor 2, Parking lock sensor, Automatic transmission control module 2, Clutch cooling valve 2, Parking lock solenoid, Parking lock solenoid valve, Parking lock solenoid valve 2

- G659 Clutch temperature sensor 2
- G747 Parking lock sensor
- J1006 Automatic transmission control module 2
- N448 Clutch cooling valve 2
- N486 Parking lock solenoid
- N573 Parking lock solenoid valve
- N574 Parking lock solenoid valve 2
- T16a 16-pin connector, black
- T16b 16-pin connector, black
- T40a 40-pin connector, black
- T81a 81-pin connector, black



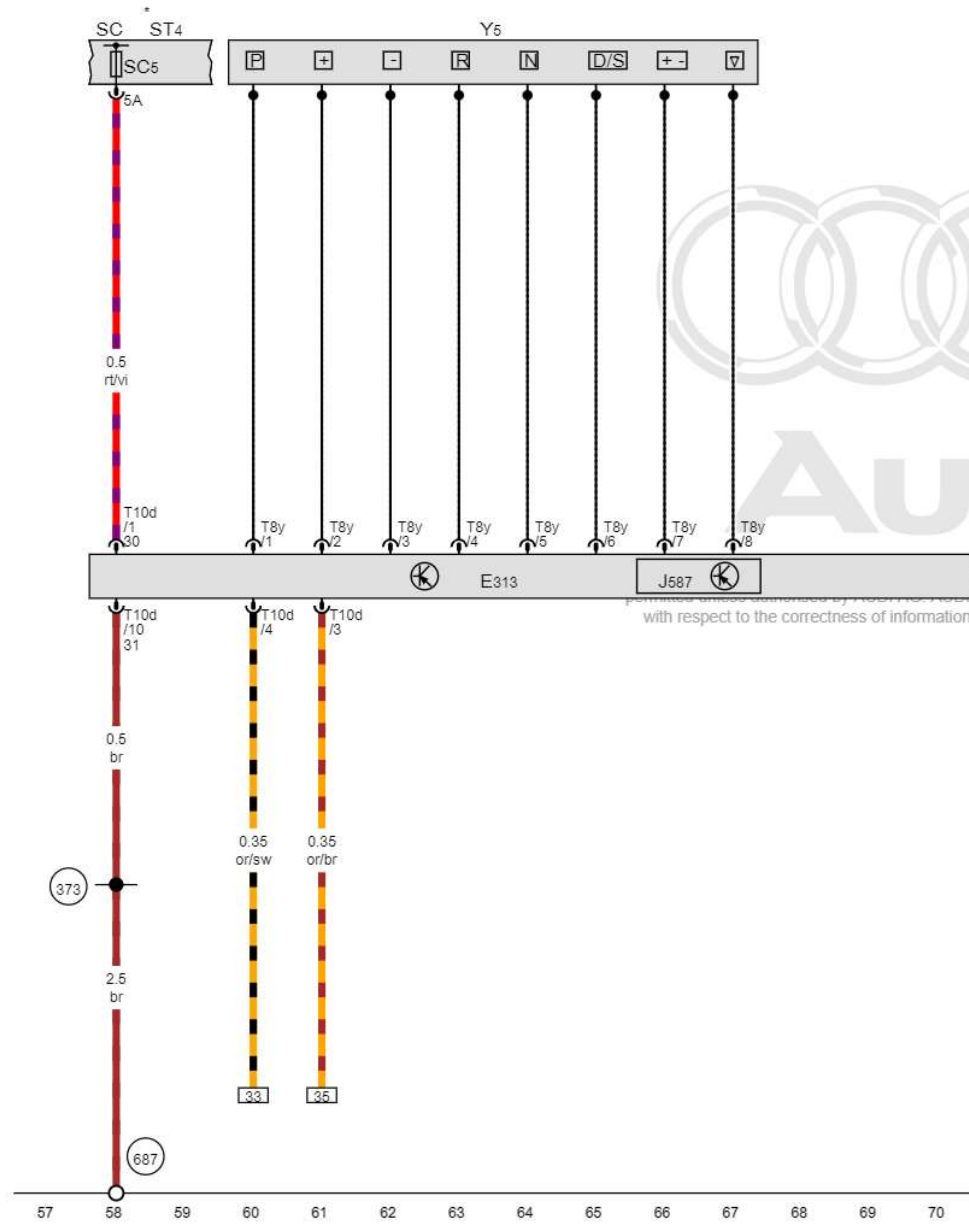
Selector lever, Selector lever sensor system control module, Selector lever transmission range display

- E313 Selector lever
- J587 Selector lever sensor system control module
- SC Fuse panel C
- ST4 Fuse panel 4
- SC5 Fuse 5 (on fuse panel C)
- T8y 8-pin connector
- T10d 10-pin connector, black
- Y5 Selector lever transmission range display

373 Ground connection 8 (in main wiring harness)

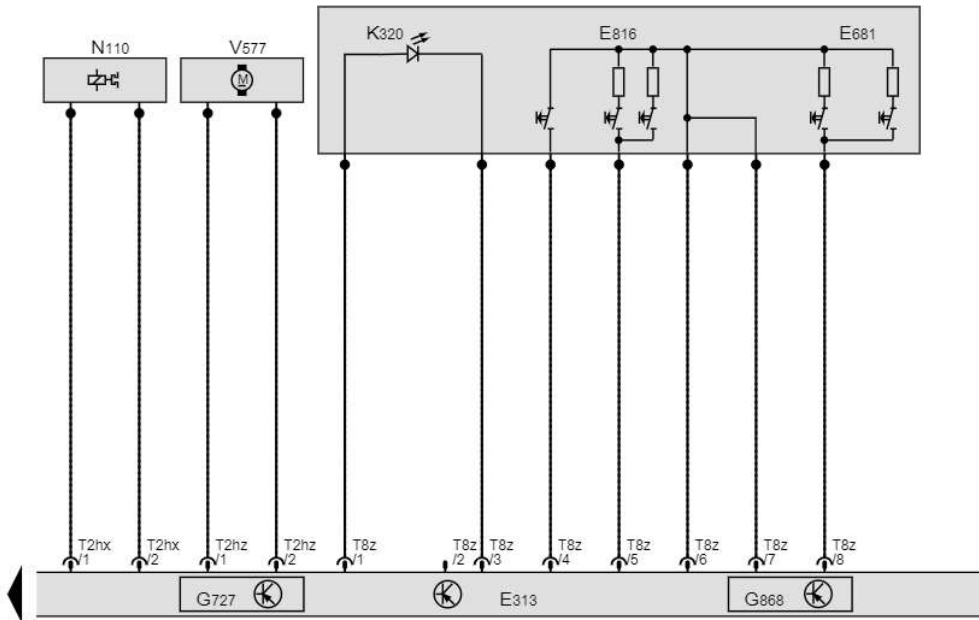
687 Ground connection 1 on center tunnel

\* Refer to applicable wiring diagram for fuse positions



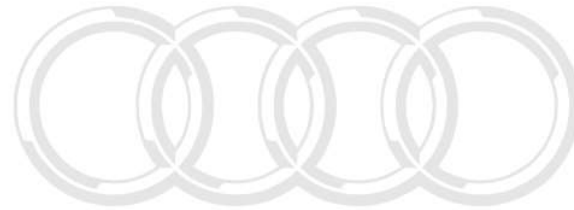
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Selector lever, Selector lever release button, Parking lock button, Selector lever position sensor, Parking lock indicator lamp

- E313 Selector lever
- E681 Selector lever release button
- E816 Parking lock button
- G727 Selector lever position sensor
- G868 Transverse selector lever lock sensor
- K320 Parking lock indicator lamp
- N110 Shift lock solenoid
- T2hx 2-pin connector
- T2hz 2-pin connector
- T8z 8-pin connector
- V577 Transverse selector lever lock motor



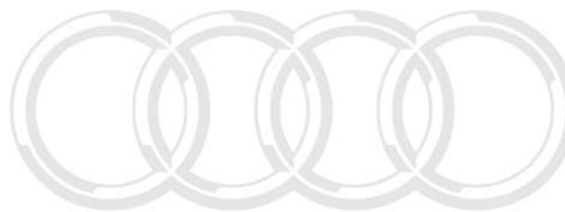
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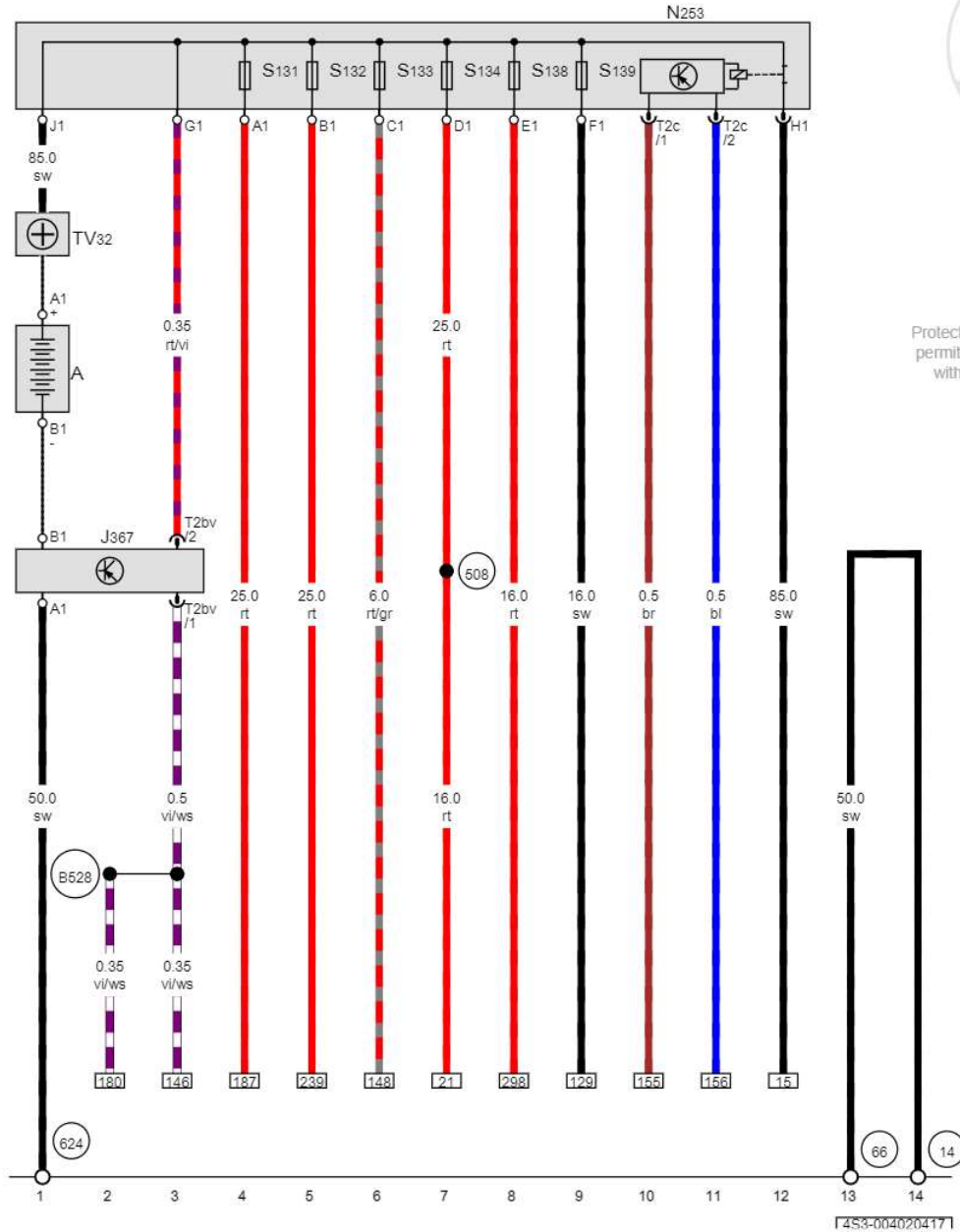
## Fuse Positions , (L0L)

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Battery Monitoring Control Module, Battery Interrupt Igniter, Remote Start Connection

- A Battery
- J367 Battery Monitoring Control Module
- N253 Battery Interrupt Igniter
- S131 Safety Fuse 1
- S132 Safety Fuse 2
- S133 Safety Fuse 3
- S134 Safety Fuse 4
- S138 Safety Fuse 5
- S139 Safety Fuse 6
- T2bv 2-Pin Connector, Black
- T2c 2-Pin Connector
- TV32 Remote Start Connection

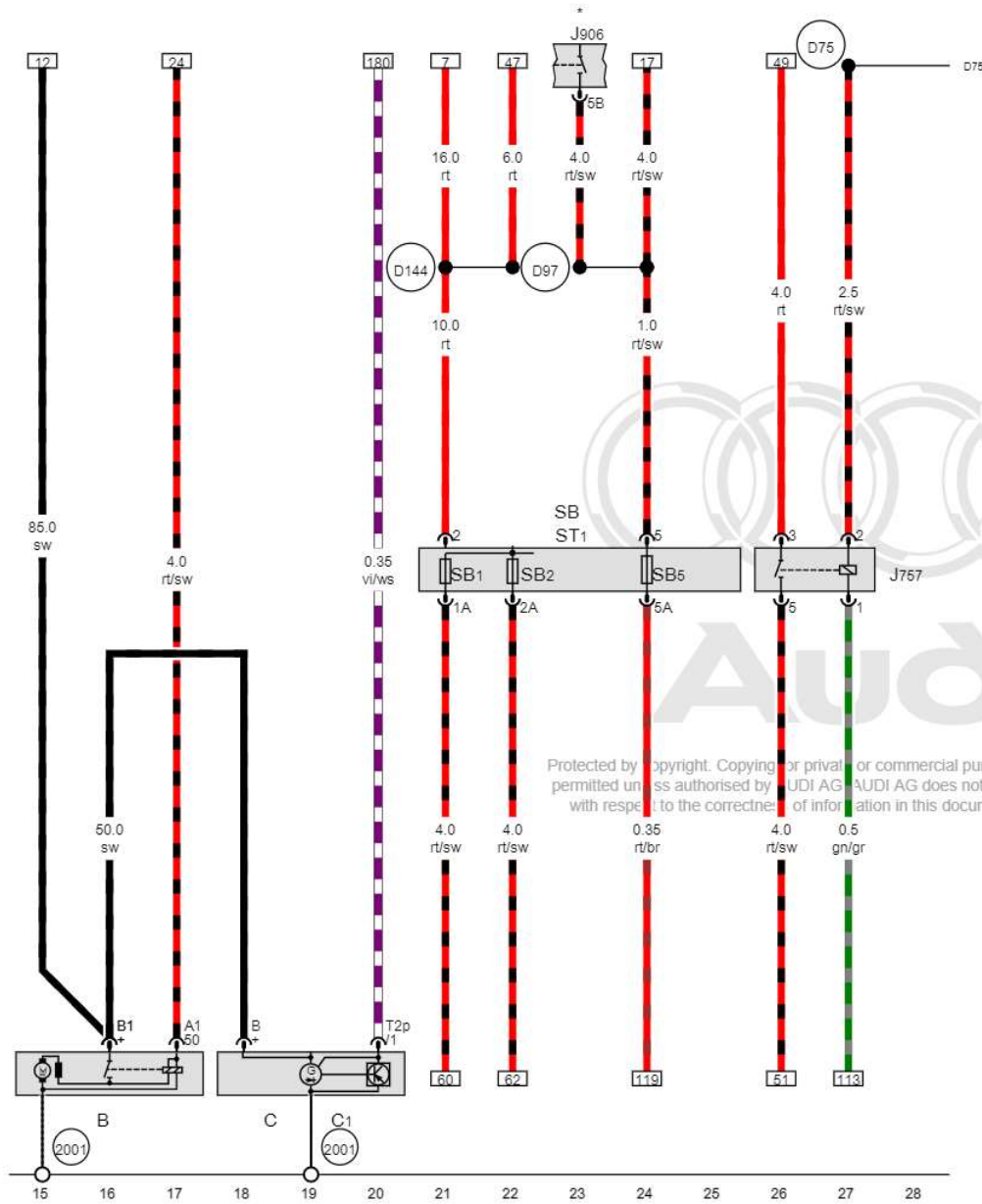
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- 14 Ground Connection on Transmission
- 66 Ground Connection on Right Rear Longitudinal Member
- 508 Terminal 30 Threaded Connection (On E-Box)
- 624 Ground Connection near Starter Battery
- B528 Lin Bus Connection 1 (in Main Wiring Harness)

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Starter, Generator, Voltage Regulator, Engine Component Power Supply Relay, Fuse Panel B, Fuse Panel 1



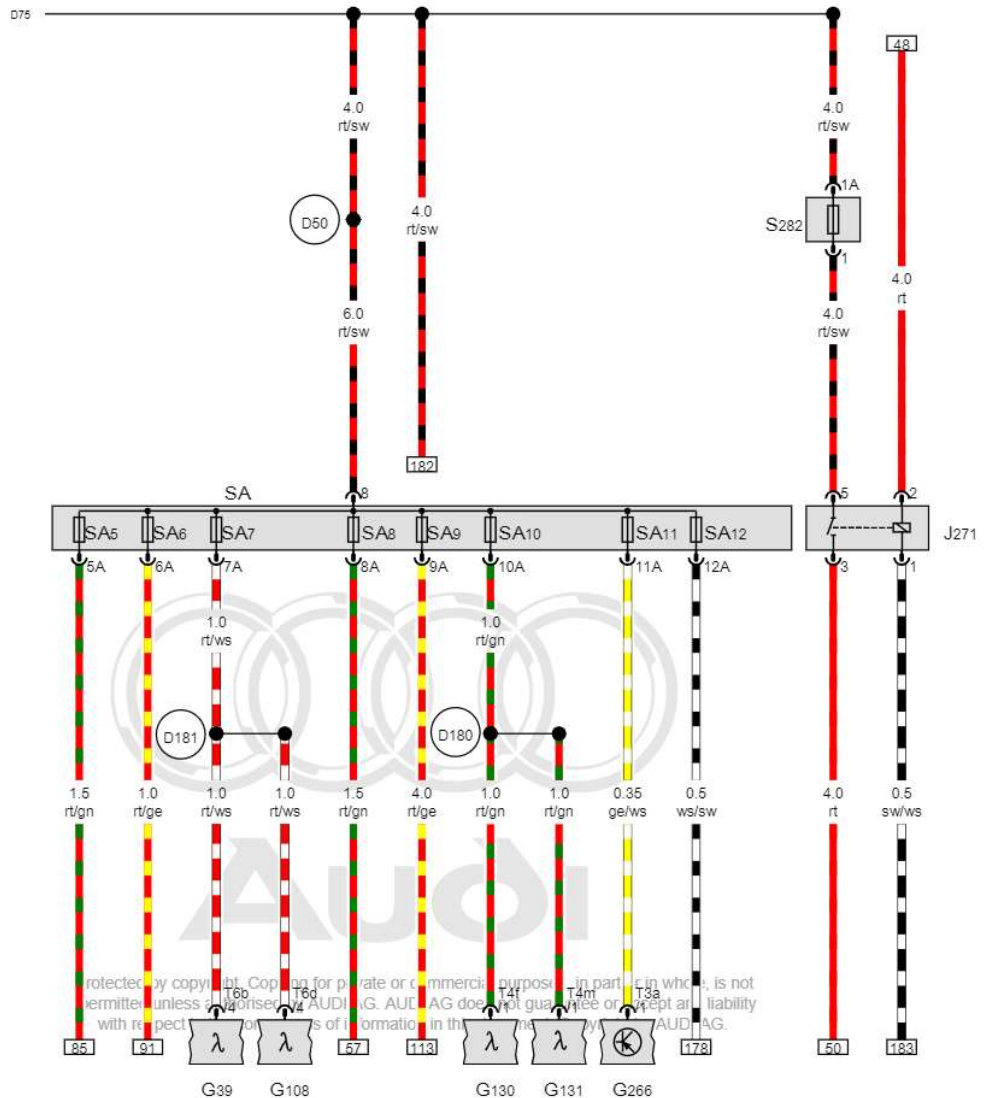
- B Starter
- C Generator
- C1 Voltage Regulator
- J757 Engine Component Power Supply Relay
- J906 Starter Relay 1
- SB Fuse Panel B
- ST1 Fuse Panel 1
- SB1 Fuse 1 (On Fuse Panel B)
- SB2 Fuse 2 (On Fuse Panel B)
- SB5 Fuse 5 (On Fuse Panel B)
- T2p 2-Pin Connector, Black
- 2001 Frame Ground
- D75 Positive Connection 2 (30) (in Engine Compartment Wiring Harness)
- D97 Connection 50 (in Right Engine Compartment Wiring Harness)
- D144 Positive Connection 5 (30) (in Engine Compartment Wiring Harness)
- \* Refer to Applicable Engine Wiring Diagram

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Motronic Engine Control Module Power Supply Relay, Fuse Panel A, Engine Electronics Fuse

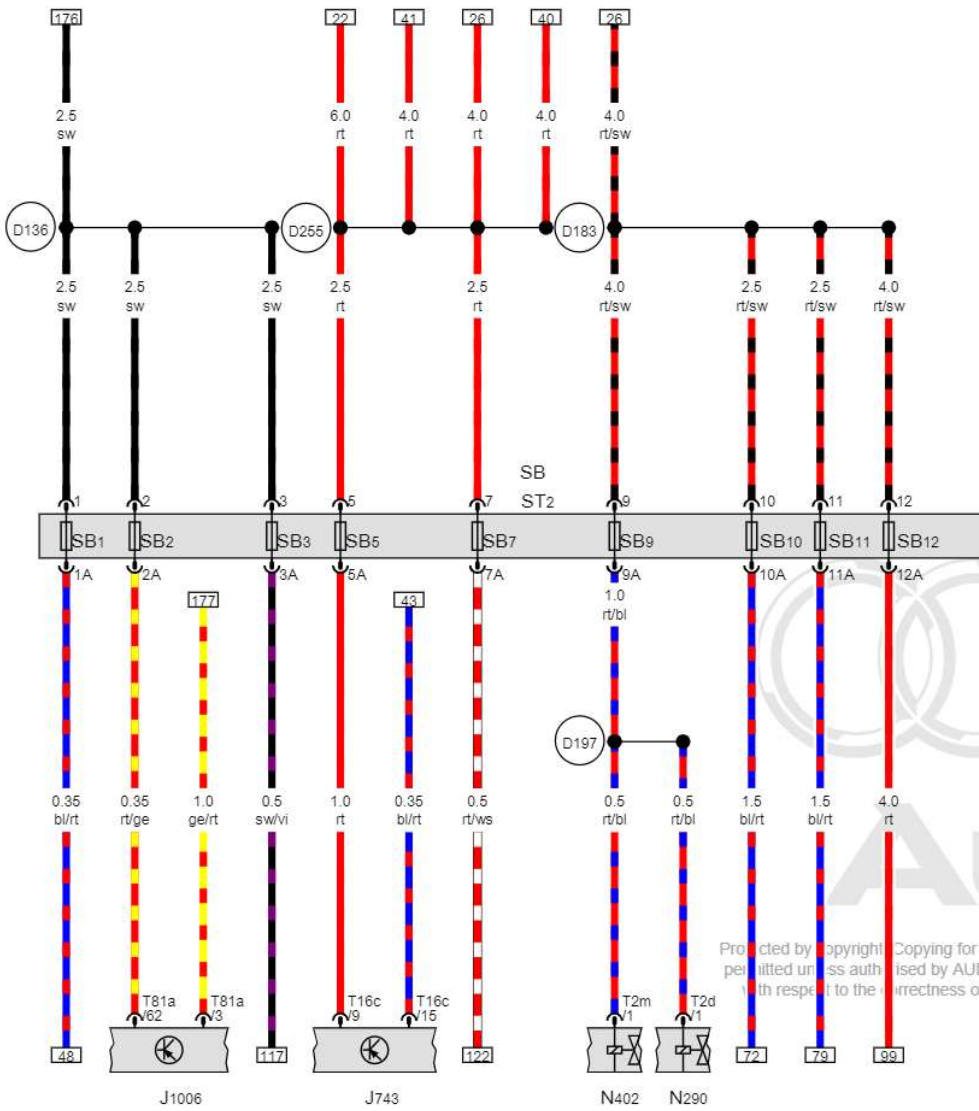


- G39 Heated Oxygen Sensor
- G108 Heated Oxygen Sensor 2
- G130 Oxygen Sensor After Catalytic Converter
- G131 Oxygen Sensor 2 After Catalytic Converter
- G266 Oil Level Thermal Sensor
- J271 Motronic Engine Control Module Power Supply Relay
- SA Fuse Panel A
- SA5 Fuse 5 (On Fuse Panel A)
- SA6 Fuse 6 (On Fuse Panel A)
- SA7 Fuse 7 (On Fuse Panel A)
- SA8 Fuse 8 (On Fuse Panel A)
- SA9 Fuse 9 (On Fuse Panel A)
- SA10 Fuse 10 (On Fuse Panel A)
- SA11 Fuse 11 (On Fuse Panel A)
- SA12 Fuse 12 (On Fuse Panel A)
- S282 Engine Electronics Fuse
- T3a 3-Pin Connector, Black
- T4f 4-Pin Connector, Black
- T4m 4-Pin Connector, Black
- T6b 6-Pin Connector, Black
- T6d 6-Pin Connector, Black
- D50 Positive Connection (30) (in Engine Compartment Wiring Harness)
- D75 Positive Connection 2 (30) (in Engine Compartment Wiring Harness)
- D180 Connection 87A (in Engine Compartment Wiring Harness)
- D181 Connection 2 (87A) (in Engine Compartment Wiring Harness)

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Fuse Panel B, Fuse Panel 2

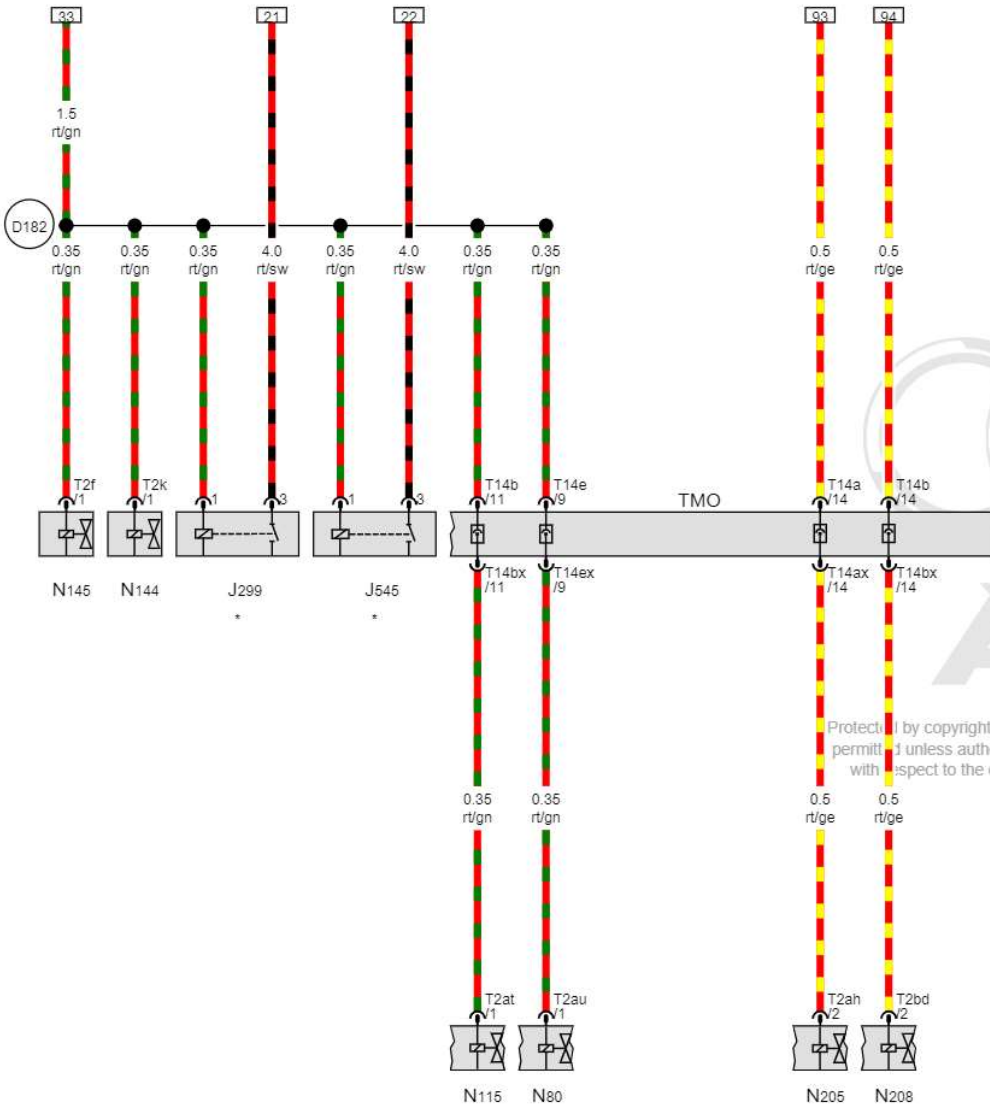


- J743 Dual-Clutch Transmission Mechatronic
- J1006 Automatic Transmission Control Module 2
- N290 Fuel Metering Valve
- N402 Fuel Metering Valve 2
- SB Fuse Panel B
- SB1 Fuse 1 (On Fuse Panel B)
- SB2 Fuse 2 (On Fuse Panel B)
- ST2 Fuse Panel 2
- SB3 Fuse 3 (On Fuse Panel B)
- SB5 Fuse 5 (On Fuse Panel B)
- SB7 Fuse 7 (On Fuse Panel B)
- SB9 Fuse 9 (On Fuse Panel B)
- SB10 Fuse 10 (On Fuse Panel B)
- SB11 Fuse 11 (On Fuse Panel B)
- SB12 Fuse 12 (On Fuse Panel B)
- T2d 2-Pin Connector, Black
- T2m 2-Pin Connector, Black
- T16c 16-Pin Connector, Black
- T81a 81-Pin Connector, Black
- D136 Positive Connection 2 (15a) (in Engine Compartment Wiring Harness)
- D183 Connection 4 (87A) (in Engine Compartment Wiring Harness)
- D197 Connection 5 (87A) (in Engine Compartment Wiring Harness)
- D255 Positive Connection 4 (30) (in Engine Compartment Wiring Harness)

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Secondary Air Injection Pump Relay, Secondary Air Injection Pump Relay 2, Coupling Point on Engine, Top



- J299 Secondary Air Injection Pump Relay
- J545 Secondary Air Injection Pump Relay 2
- N80 EVAP Canister Purge Regulator Valve 1
- N115 EVAP Canister Purge Regulator Valve 2
- N144 Left Electrohydraulic Engine Mount Solenoid Valve
- N145 Right Electrohydraulic Engine Mount Solenoid Valve
- N205 Camshaft Adjustment Valve 1
- N208 Camshaft Adjustment Valve 2
- T2ah 2-Pin Connector, Black
- T2at 2-Pin Connector, Black
- T2au 2-Pin Connector, Yellow
- T2bd 2-Pin Connector, Black
- T2f 2-Pin Connector, Black
- T2k 2-Pin Connector, Black
- T14a 14-Pin Connector, Black
- T14ax 14-Pin Connector, Black
- T14b 14-Pin Connector, Black
- T14bx 14-Pin Connector, Black
- T14e 14-Pin Connector, Brown
- T14ex 14-Pin Connector, Brown
- TMO Coupling Point on Engine, Top
- D182 Connection 3 (87A) (in Engine Compartment Wiring Harness)
- \* Refer to Applicable Engine Wiring Diagram

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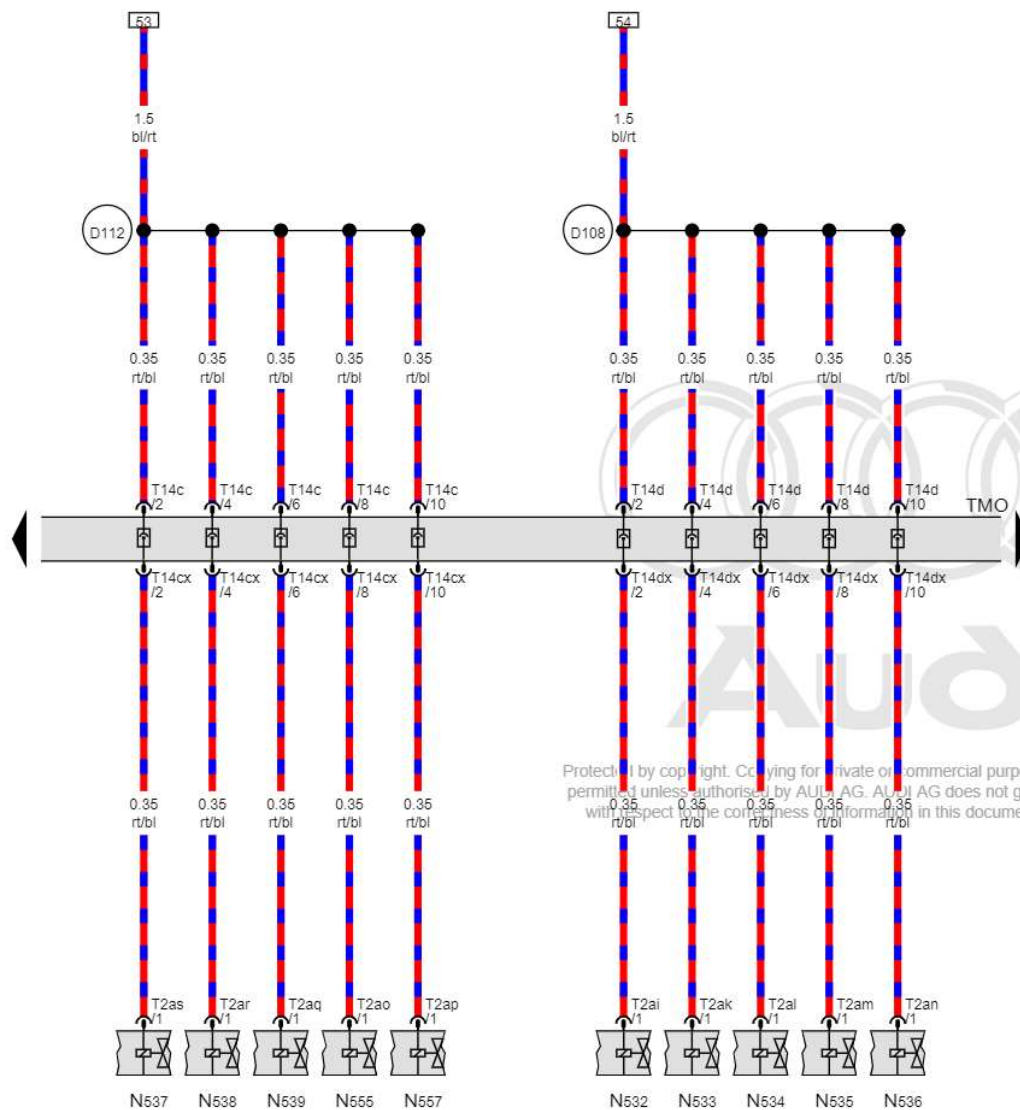
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Coupling Point on Engine, Top

- N532 Cylinder 1 Fuel Injector 2
- N533 Cylinder 2 Fuel Injector 2
- N534 Cylinder 3 Fuel Injector 2
- N535 Cylinder 4 Fuel Injector 2
- N536 Cylinder 5 Fuel Injector 2
- N537 Cylinder 6 Fuel Injector 2
- N538 Cylinder 7 Fuel Injector 2
- N539 Cylinder 8 Fuel Injector 2
- N555 Cylinder 9 Fuel Injector 2
- N557 Cylinder 10 Fuel Injector 2
- T2ai 2-Pin Connector, Black
- T2ak 2-Pin Connector, Black
- T2al 2-Pin Connector, Black
- T2am 2-Pin Connector, Black
- T2an 2-Pin Connector, Black
- T2ao 2-Pin Connector, Black
- T2ap 2-Pin Connector, Black
- T2aq 2-Pin Connector, Black
- T2ar 2-Pin Connector, Black
- T2as 2-Pin Connector, Black
- T14c 14-Pin Connector, Brown
- T14cx 14-Pin Connector, Brown
- T14d 14-Pin Connector, Black
- T14dx 14-Pin Connector, Black
- TMO Coupling Point on Engine, Top

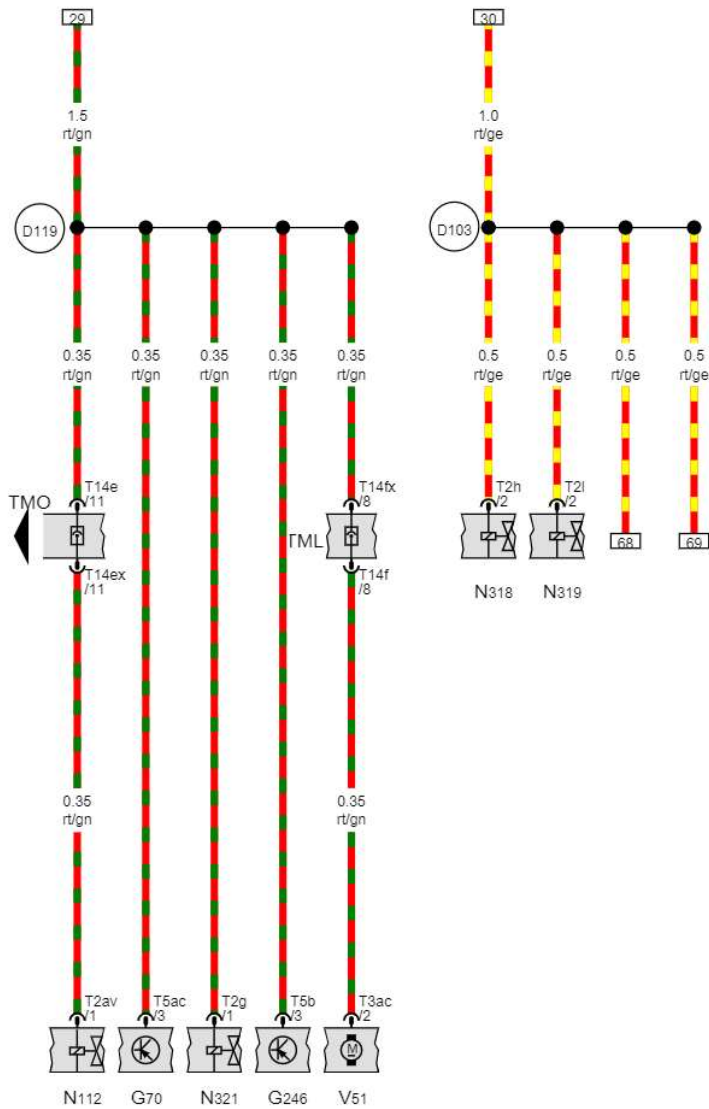
D108 Connection 6 (in Engine Compartment Wiring Harness)

D112 Connection 10 (in Engine Compartment Wiring Harness)



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Coupling Point on Engine, Top

- G70 Mass Airflow Sensor
- G246 Mass Airflow Sensor 2
- N112 Secondary Air Injection Solenoid Valve
- N318 Exhaust Camshaft Adjustment Valve 1
- N319 Exhaust Camshaft Adjustment Valve 2
- N321 Exhaust Door Valve 1
- T2av 2-Pin Connector, Black
- T2g 2-Pin Connector, Black
- T2h 2-Pin Connector, Black
- T2l 2-Pin Connector, Black
- T3ac 3-Pin Connector, Black
- T5ac 5-Pin Connector, Black
- T5b 5-Pin Connector, Black
- T14e 14-Pin Connector, Brown
- T14ex 14-Pin Connector, Brown
- T14f 14-Pin Connector, Black
- T14fx 14-Pin Connector, Black
- TML Coupling Point in Engine Compartment, Left
- TMO Coupling Point on Engine, Top
- V51 After-Run Coolant Pump

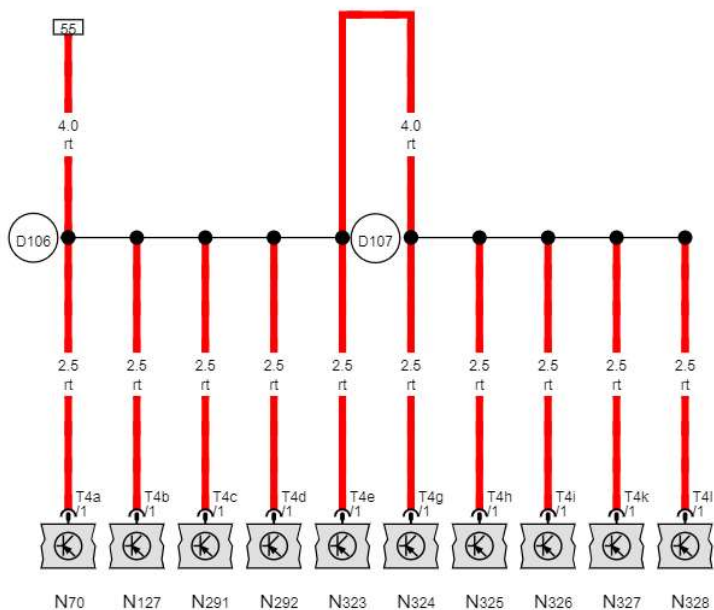
- D103 Connection 3 (in Engine Compartment Wiring Harness)
- D119 Connection 17 (in Engine Compartment Wiring Harness)

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85 86 87 88 89 90 91 92 93 94 95 96 97 98

[453-004080417]



Connection 4 (in Engine Compartment Wiring Harness),  
 Connection 5 (in Engine Compartment Wiring Harness)

- N70 Ignition Coil 1 with Power Output Stage
- N127 Ignition Coil 2 with Power Output Stage
- N291 Ignition Coil 3 with Power Output Stage
- N292 Ignition Coil 4 with Power Output Stage
- N323 Ignition Coil 5 with Power Output Stage
- N324 Ignition Coil 6 with Power Output Stage
- N325 Ignition Coil 7 with Power Output Stage
- N326 Ignition Coil 8 with Power Output Stage
- N327 Ignition Coil 9 with Power Output Stage
- N328 Ignition Coil 10 with Power Output Stage
- T4a 4-Pin Connector, Black
- T4b 4-Pin Connector, Black
- T4c 4-Pin Connector, Black
- T4d 4-Pin Connector, Black
- T4e 4-Pin Connector, Black
- T4g 4-Pin Connector, Black
- T4h 4-Pin Connector, Black
- T4i 4-Pin Connector, Black
- T4k 4-Pin Connector, Black
- T4l 4-Pin Connector, Black

D106 Connection 4 (in Engine Compartment Wiring Harness)

D107 Connection 5 (in Engine Compartment Wiring Harness)



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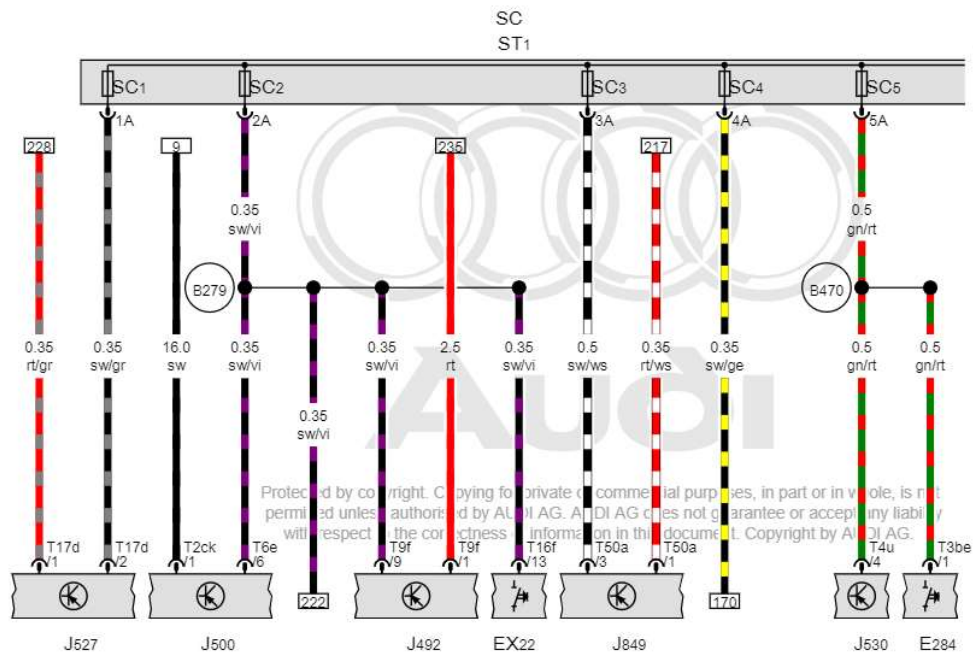




Fuse Panel C, Fuse Panel 1

- EX22 Switch Module in Instrument Panel, Center
- E284 Garage Door Opener Control Head
- J492 All Wheel Drive Control Module
- J500 Power Steering Control Module
- J527 Steering Column Electronics Control Module
- J530 Garage Door Opener Control Module
- J849 Sensor Electronics Control Module
- SC Fuse Panel C
- SC1 Fuse 1 (On Fuse Panel C)
- ST1 Fuse Panel 1
- SC2 Fuse 2 (On Fuse Panel C)
- SC3 Fuse 3 (On Fuse Panel C)
- SC4 Fuse 4 (On Fuse Panel C)
- SC5 Fuse 5 (On Fuse Panel C)
- T2ck 2-Pin Connector, Black
- T3be 3-Pin Connector, Black
- T4u 4-Pin Connector, Black
- T6e 6-Pin Connector, Black
- T9f 9-Pin Connector, Gray
- T16f 16-Pin Connector, Brown
- T17d 17-Pin Connector, Yellow
- T50a 50-Pin Connector, Yellow

- (B279) Positive Connection 3 (15a) (in Main Wiring Harness)
- (B470) Connection 6 (in Main Wiring Harness)



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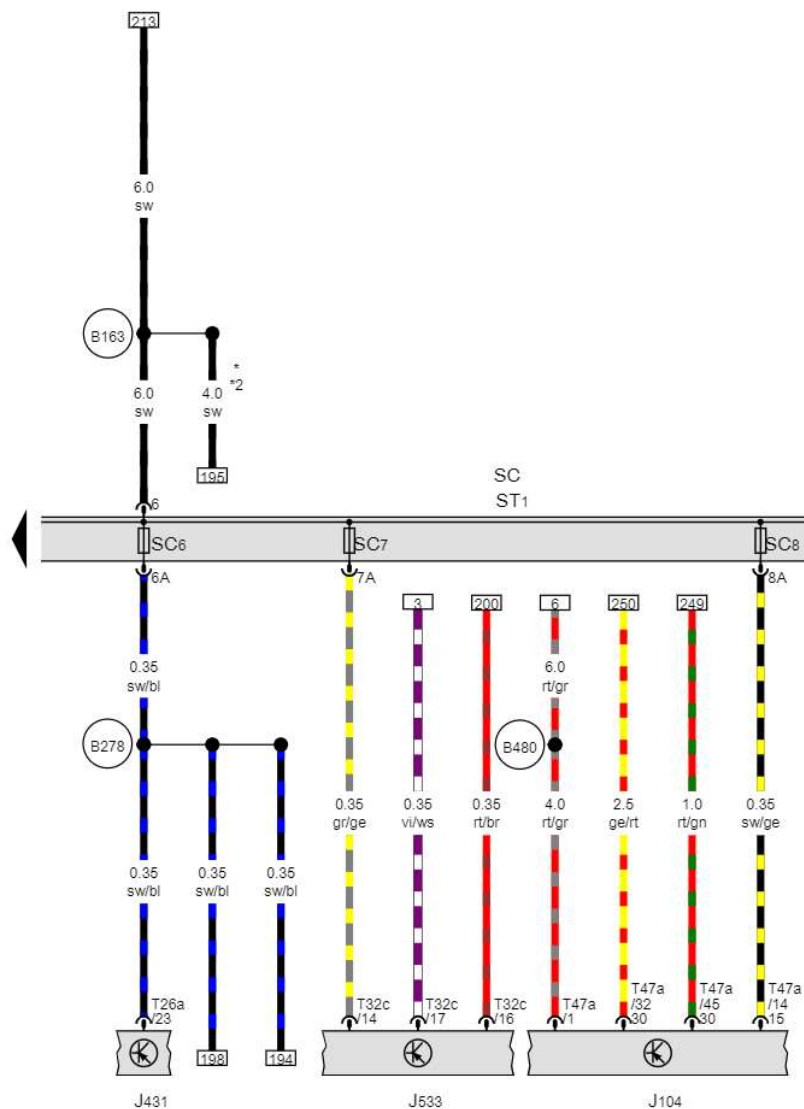
Fuse Panel C, Fuse Panel 1

- J104 ABS Control Module
- J431 Headlamp Range Control Module
- J533 Data Bus on Board Diagnostic Interface
- SC Fuse Panel C
- ST1 Fuse Panel 1
- SC6 Fuse 6 (On Fuse Panel C)
- SC7 Fuse 7 (On Fuse Panel C)
- SC8 Fuse 8 (On Fuse Panel C)
- T26a 26-Pin Connector, Black
- T32c 32-Pin Connector, Black
- T47a 47-Pin Connector, Black

- B163 Positive Connection 1 (15) (in Interior Wiring Harness)
- B278 Positive Connection 2 (15a) (in Main Wiring Harness)
- B480 Connection 16 (in Main Wiring Harness)

\* From November 2016  
 \*2 Only for Vehicles with a Rearview Camera System

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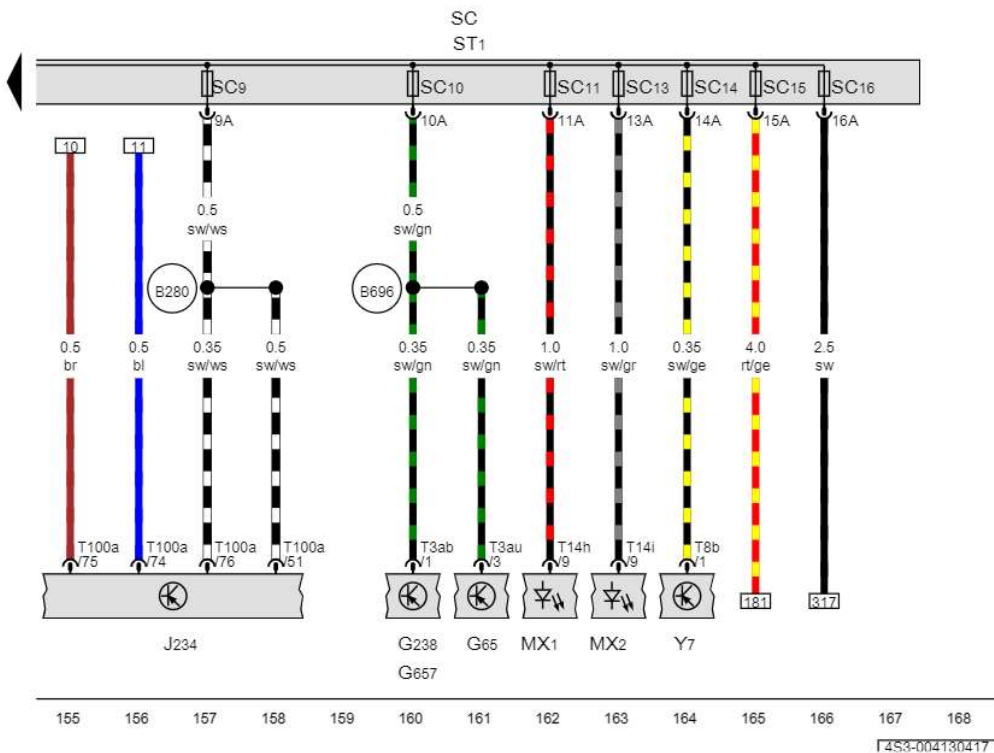


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Fuse Panel C, Fuse Panel 1

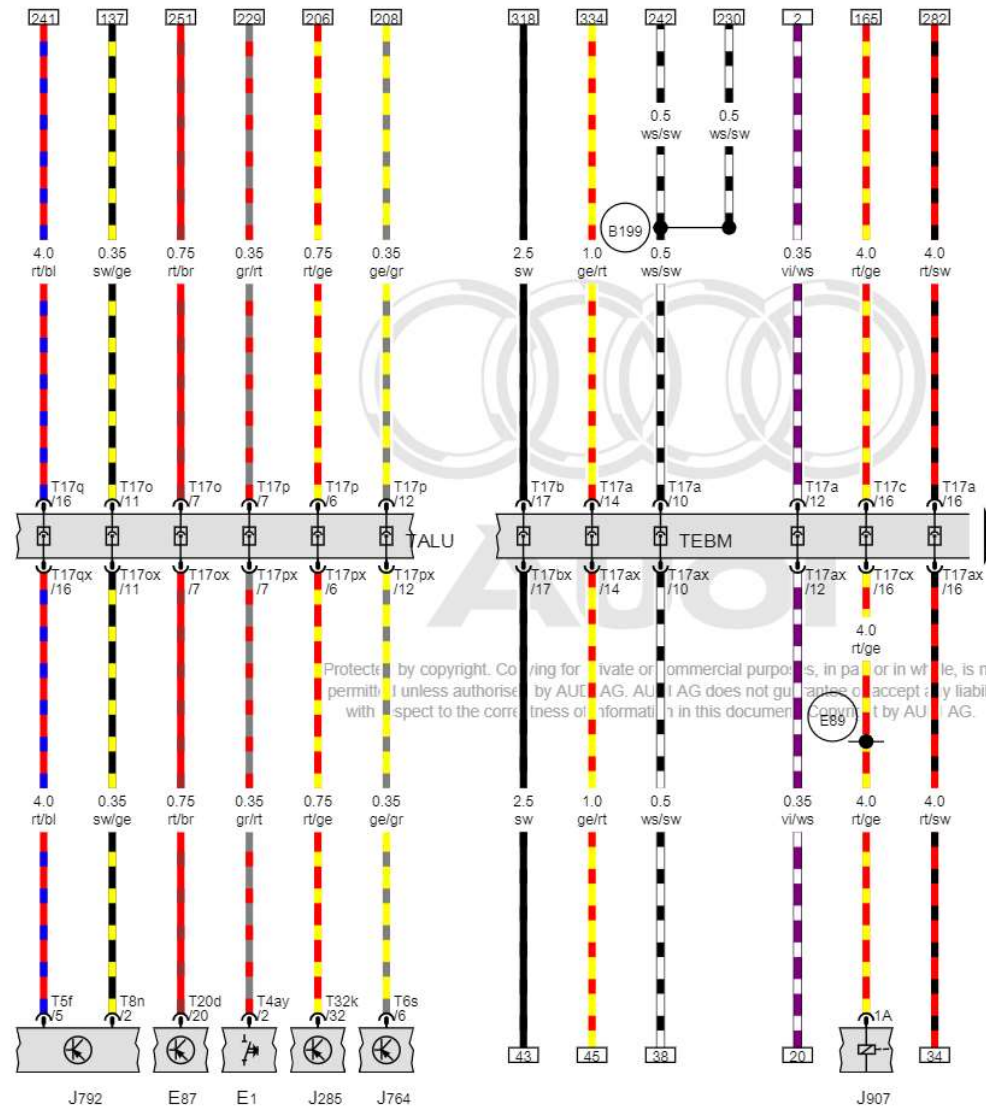
- G65 High Pressure Sensor
- G238 Air Quality Sensor
- G657 Humidity Sensor in Fresh Air Intake Duct
- J234 Airbag Control Module
- MX1 Left Front Headlamp
- MX2 Right Front Headlamp
- SC Fuse Panel C
- ST1 Fuse Panel 1
- SC9 Fuse 9 (On Fuse Panel C)
- SC10 Fuse 10 (On Fuse Panel C)
- SC11 Fuse 11 (On Fuse Panel C)
- SC13 Fuse 13 (On Fuse Panel C)
- SC14 Fuse 14 (On Fuse Panel C)
- SC15 Fuse 15 (On Fuse Panel C)
- SC16 Fuse 16 (On Fuse Panel C)
- T3ab 3-Pin Connector, Brown
- T3au 3-Pin Connector, Black
- T8b 8-Pin Connector, Black
- T14h 14-Pin Connector, Black
- T14i 14-Pin Connector, Black
- T100a 100-Pin Connector, Yellow
- Y7 Automatic Dimming Interior Rearview Mirror
- B280 Positive Connection 4 (15a) (in Main Wiring Harness)
- B696 A/C System Connection 1 (in Main Wiring Harness)



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- rs = pink

Coupling Point on Left A-Pillar, Bottom, Coupling Point in the Engine Compartment E-Box

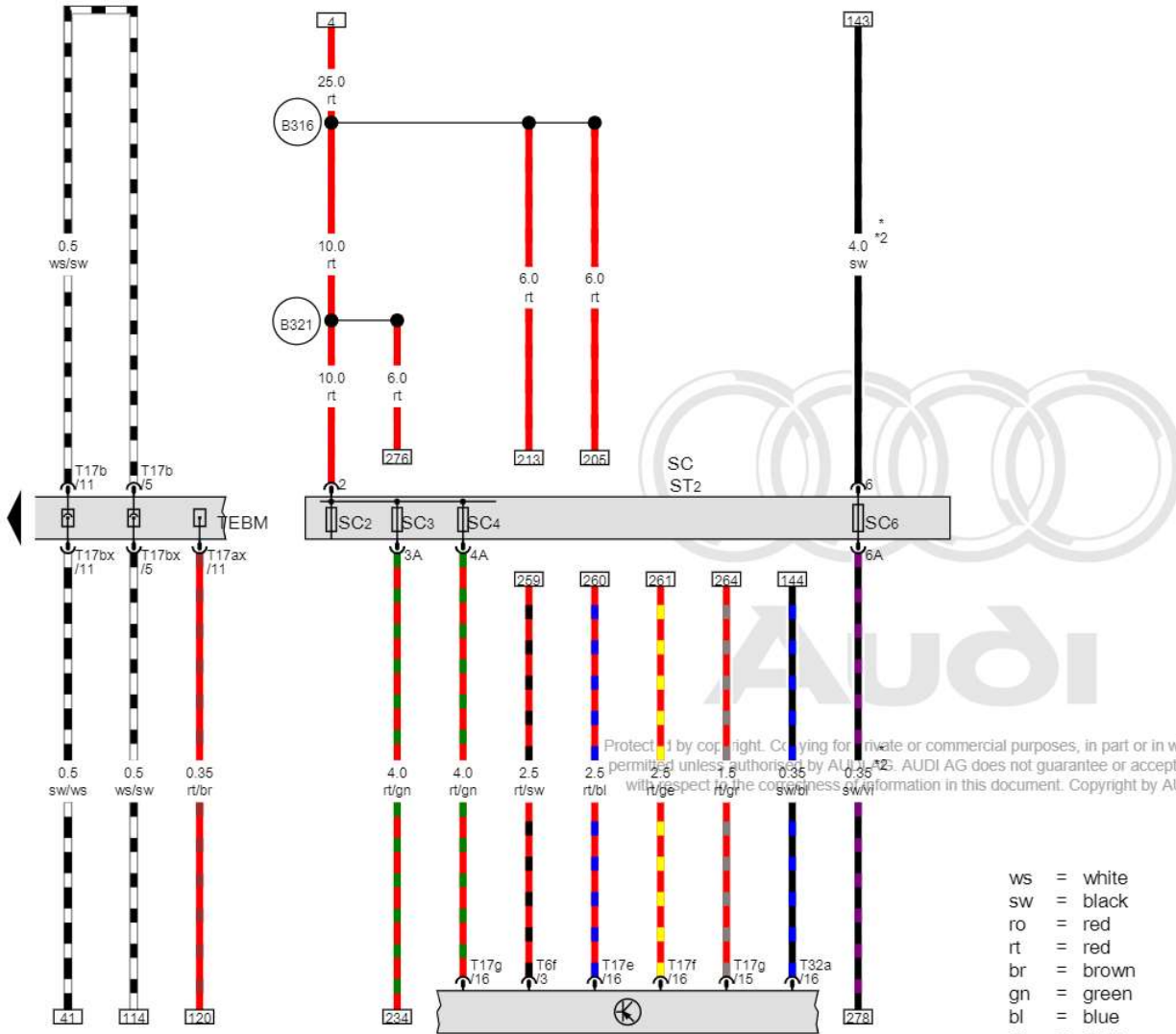


- E1 Light Switch
- E87 Front A/C Display Control Head
- J285 Instrument Cluster Control Module
- J764 Electronic Steering Column Lock Control Module
- J792 Active Steering Control Module
- J907 Starter Relay 2
- T4ay 4-Pin Connector, Black
- T5f 5-Pin Connector, Black
- T6s 6-Pin Connector, Black
- T8n 8-Pin Connector, Black
- T17a 17-Pin Connector, Black
- T17ax 17-Pin Connector, Black
- T17b 17-Pin Connector, Brown
- T17bx 17-Pin Connector, Brown
- T17c 17-Pin Connector, Red
- T17cx 17-Pin Connector, Red
- T17o 17-Pin Connector, Black
- T17ox 17-Pin Connector, Black
- T17p 17-Pin Connector, Brown
- T17px 17-Pin Connector, Brown
- T17q 17-Pin Connector, Red
- T17qx 17-Pin Connector, Red
- T20d 20-Pin Connector, Black
- T32k 32-Pin Connector, Gray
- TALU Coupling Point on Left A-Pillar, Bottom
- TEBM Coupling Point in the Engine Compartment E-Box
- B199 Fresh Air Blower Connection 1 (in Interior Wiring Harness)
- E89 Positive Connection (30a) (in Engine Wiring Harness)
- \* Refer to Applicable Engine Wiring Diagram

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Fuse Panel C, Fuse Panel 2, Coupling Point in the Engine Compartment E-Box



- J519 Vehicle Electrical System Control Module
- SC Fuse Panel C
- SC2 Fuse 2 (On Fuse Panel C)
- ST2 Fuse Panel 2
- SC3 Fuse 3 (On Fuse Panel C)
- SC4 Fuse 4 (On Fuse Panel C)
- SC6 Fuse 6 (On Fuse Panel C)
- T6f 6-Pin Connector, Black
- T17ax 17-Pin Connector, Black
- T17b 17-Pin Connector, Brown
- T17bx 17-Pin Connector, Brown
- T17e 17-Pin Connector, Red
- T17f 17-Pin Connector, Green
- T17g 17-Pin Connector, Black
- T32a 32-Pin Connector, Black
- TEBM Coupling Point in the Engine Compartment E-Box
- B316 Positive Connection 2 (30a) (in Main Wiring Harness)
- B321 Positive Connection 7 (30a) (in Main Wiring Harness)
- \* From November 2016
- \*2 Only for Vehicles with a Rearview Camera System

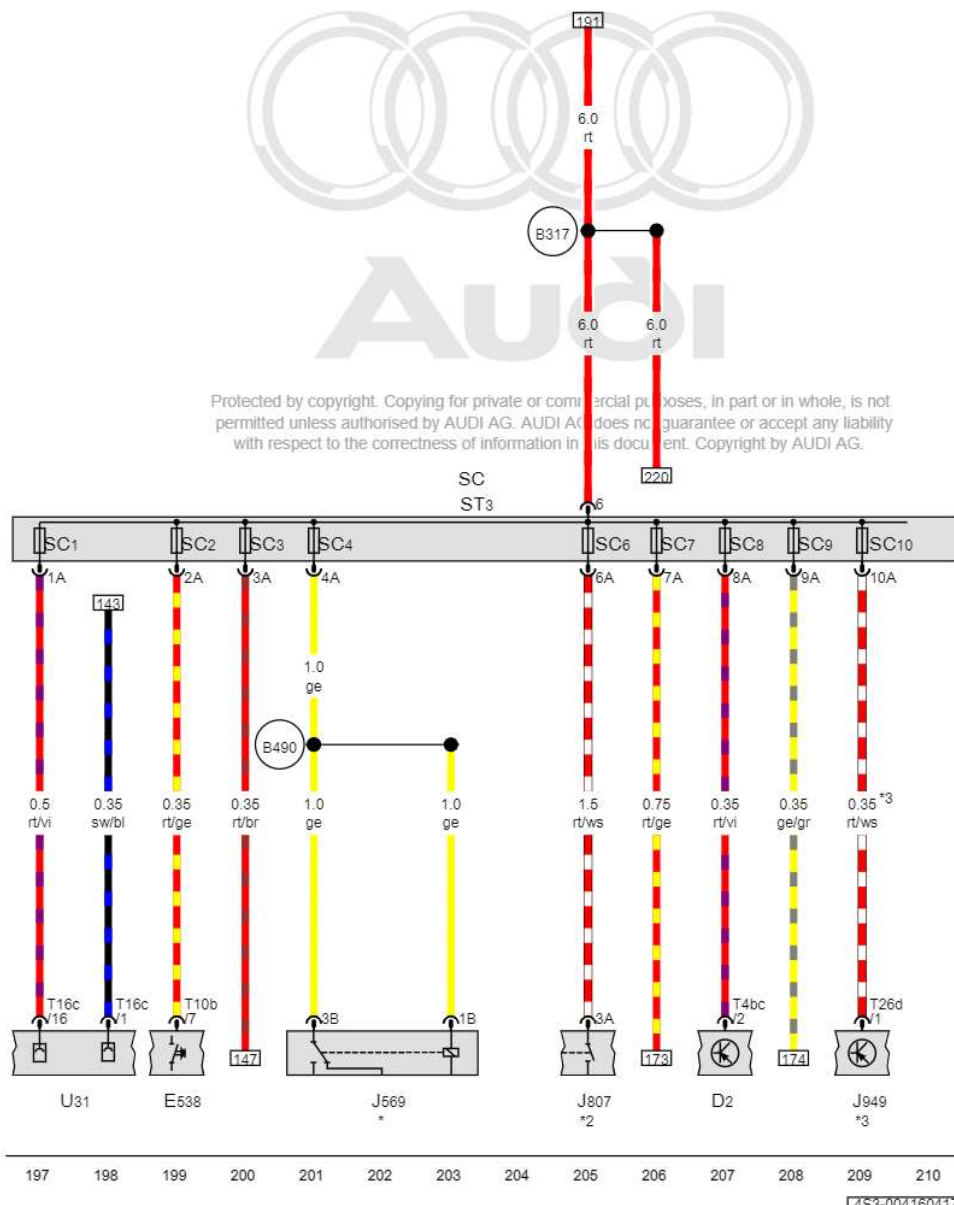
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Fuse Panel C, Fuse Panel 3

- D2 Anti-Theft Immobilizer Reader Coil
- E538 Electromechanical Parking Brake Button
- J569 Brake Booster Relay
- J807 Sockets Relay
- J949 Control Module for Emergency Call Module and Communication Unit
- SC Fuse Panel C
- SC1 Fuse 1 (On Fuse Panel C)
- SC2 Fuse 2 (On Fuse Panel C)
- SC3 Fuse 3 (On Fuse Panel C)
- ST3 Fuse Panel 3
- SC4 Fuse 4 (On Fuse Panel C)
- SC6 Fuse 6 (On Fuse Panel C)
- SC7 Fuse 7 (On Fuse Panel C)
- SC8 Fuse 8 (On Fuse Panel C)
- SC9 Fuse 9 (On Fuse Panel C)
- SC10 Fuse 10 (On Fuse Panel C)
- T4bc 4-Pin Connector, Black
- T10b 10-Pin Connector, Red
- T16c 16-Pin Connector
- T26d 26-Pin Connector, Black
- U31 Diagnostic Connection

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B317 Positive Connection 3 (30a) (in Main Wiring Harness)

B490 Connection 26 (in Main Wiring Harness)

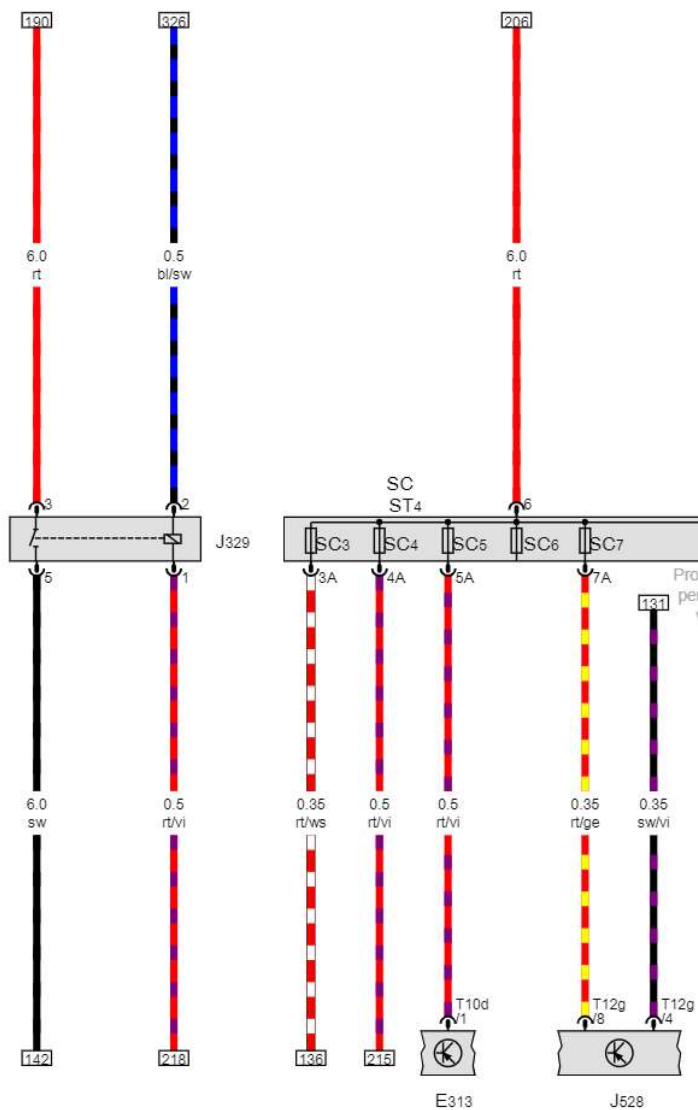
- \* Refer to Applicable Engine Wiring Diagram
- \*2 Refer to Applicable Standard Equipment Wiring Diagram
- \*3 Only for Vehicles with Emergency Call Module

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1253-0041604171

Terminal 15 Power Supply Relay, Fuse Panel 4

- E313 Selector Lever
- J329 Terminal 15 Power Supply Relay
- J528 Roof Electronics Control Module
- SC Fuse Panel C
- SC3 Fuse 3 (On Fuse Panel C)
- SC4 Fuse 4 (On Fuse Panel C)
- ST4 Fuse Panel 4
- SC5 Fuse 5 (On Fuse Panel C)
- SC6 Fuse 6 (On Fuse Panel C)
- SC7 Fuse 7 (On Fuse Panel C)
- T10d 10-Pin Connector, Black
- T12g 12-Pin Connector, Black

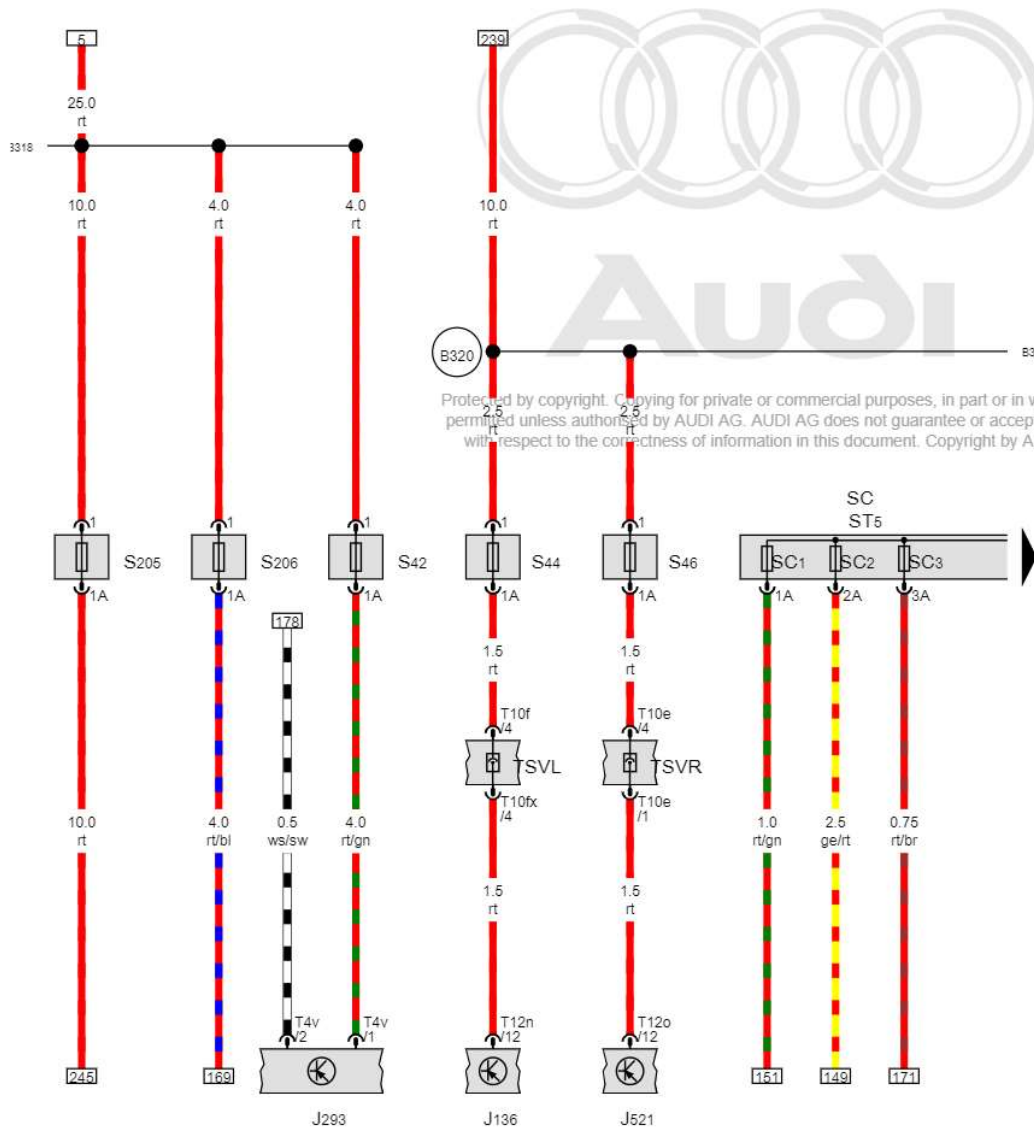


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**Fuse Panel 5, Radiator Fan Fuse, Driver Power Seat Adjustment Circuit Breaker 1, Front Passenger Power Seat Adjustment Circuit Breaker 1, Fuse 2 (Terminal 30), Fuse 3 (Terminal 30)**

- J136 Memory Seat/Steering Column Adjustment Control Module
- J293 Radiator Fan Control Module
- J521 Front Passenger Memory Seat Control Module
- SC Fuse Panel C
- SC1 Fuse 1 (On Fuse Panel C)
- SC2 Fuse 2 (On Fuse Panel C)
- SC3 Fuse 3 (On Fuse Panel C)
- ST5 Fuse Panel 5
- S42 Radiator Fan Fuse
- S44 Driver Power Seat Adjustment Circuit Breaker 1
- S46 Front Passenger Power Seat Adjustment Circuit Breaker 1
- S205 Fuse 2 (Terminal 30)
- S206 Fuse 3 (Terminal 30)
- T4v 4-Pin Connector, Black
- T10e 10-Pin Connector, Red
- T10f 10-Pin Connector, Red
- T10fx 10-Pin Connector, Red
- T12n 12-Pin Connector, Black
- T12o 12-Pin Connector, Black
- TSVL Left Front Seat Coupling Station
- TSVR Right Front Seat Coupling Station

- (B318) Positive Connection 4 (30a) (in Main Wiring Harness)
- (B320) Positive Connection 6 (30a) (in Main Wiring Harness)

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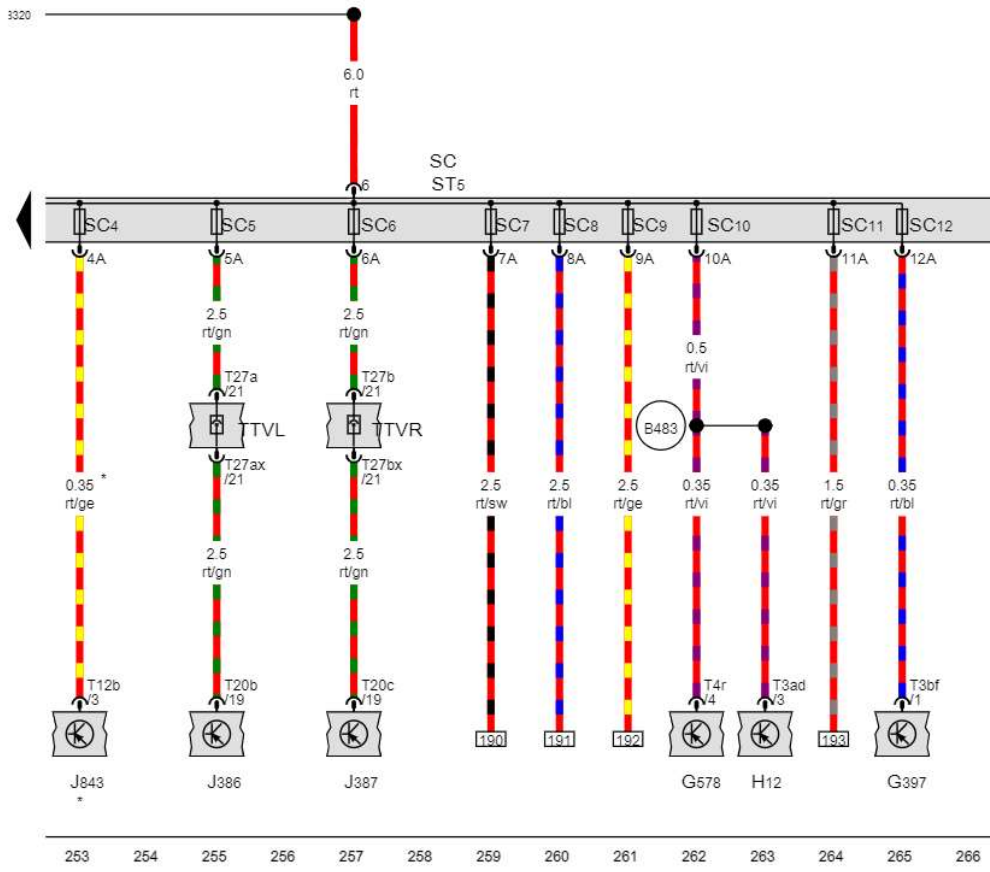


[253-004190417]

Fuse Panel 5

- G397 Rain/Light Recognition Sensor
- G578 Anti-Theft Alarm System Sensor
- H12 Alarm Horn
- J386 Driver Door Control Module
- J387 Front Passenger Door Control Module
- J843 Vehicle Positioning System Interface Control Module
- SC Fuse Panel C
- SC4 Fuse 4 (On Fuse Panel C)
- SC5 Fuse 5 (On Fuse Panel C)
- ST5 Fuse Panel 5
- SC6 Fuse 6 (On Fuse Panel C)
- SC7 Fuse 7 (On Fuse Panel C)
- SC8 Fuse 8 (On Fuse Panel C)
- SC9 Fuse 9 (On Fuse Panel C)
- SC10 Fuse 10 (On Fuse Panel C)
- SC11 Fuse 11 (On Fuse Panel C)
- SC12 Fuse 12 (On Fuse Panel C)
- T3ad 3-Pin Connector, Black
- T3bf 3-Pin Connector, Black
- T4r 4-Pin Connector, Black
- T12b 12-Pin Connector, Brown
- T20b 20-Pin Connector, Black
- T20c 20-Pin Connector, Black
- T27a 27-Pin Connector, Black
- T27ax 27-Pin Connector, Black
- T27b 27-Pin Connector, Black
- T27bx 27-Pin Connector, Black
- TTVL Left Front Door Coupling Point
- TTVR Right Front Door Coupling Point

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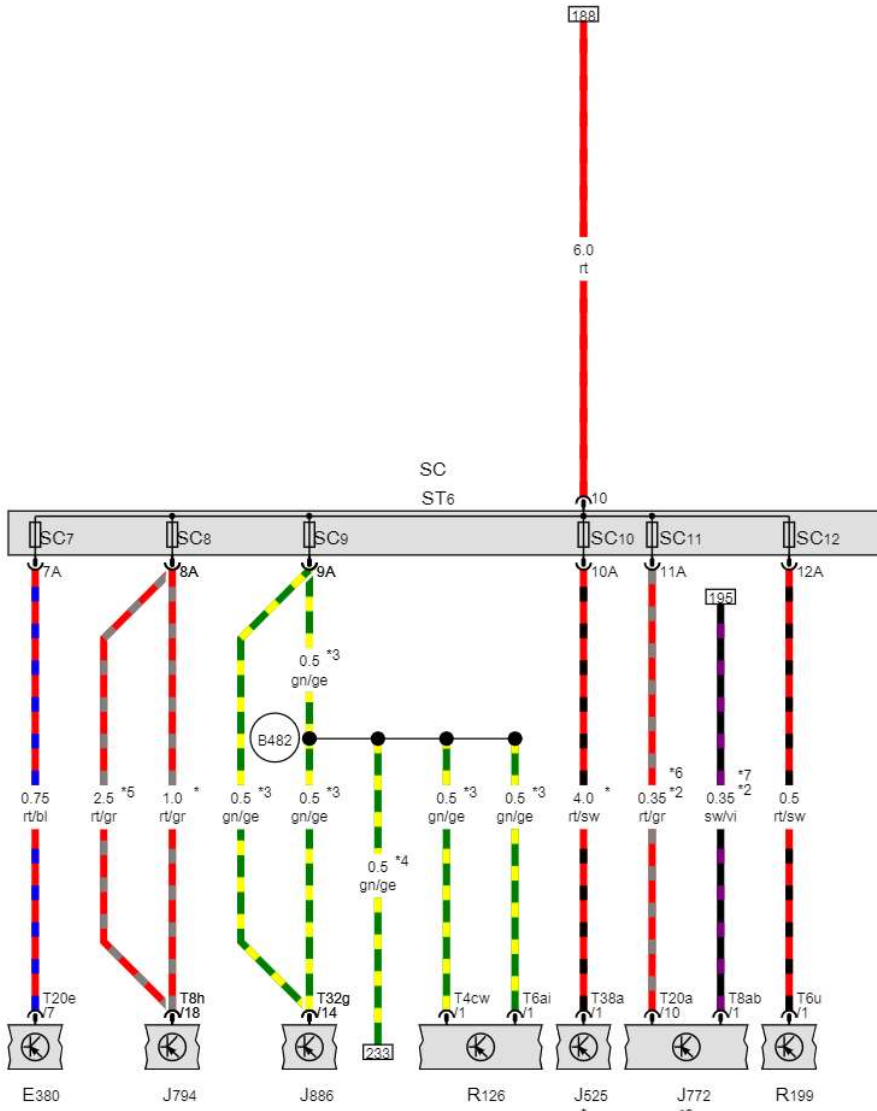


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Fuse Panel C, Fuse Panel 6

- E380 Multimedia System Control Head
- J525 Digital Sound System Control Module
- J772 Rearview Camera System Control Module
- J794 Information Electronics Control Module 1
- J886 Seat Belt Microphone Control Module
- R126 Telephone Baseplate
- R199 External Audio Source Connection
- SC Fuse Panel C
- ST6 Fuse Panel 6
- SC7 Fuse 7 (On Fuse Panel C)
- SC8 Fuse 8 (On Fuse Panel C)
- SC9 Fuse 9 (On Fuse Panel C)
- SC10 Fuse 10 (On Fuse Panel C)
- SC11 Fuse 11 (On Fuse Panel C)
- SC12 Fuse 12 (On Fuse Panel C)
- T4cw 4-Pin Connector, Brown
- T6ai 6-Pin Connector, Black
- T6u 6-Pin Connector, Black
- T8ab 8-Pin Connector, Black
- T8h 8-Pin Connector, Black
- T20a 20-Pin Connector, Red
- T20e 20-Pin Connector, Red
- T32g 32-Pin Connector, Black
- T38a 38-Pin Connector, Black
- B482 Connection 18 (in Main Wiring Harness)



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**1** Only for Vehicles with Bang & Olufsen Sound System

**2** Only for Vehicles with a Rearview Camera System

**3** Depending on Equipment

**\*4** Only for Vehicles with Japan Equipment

**\*5** Only for Vehicles with Standard Sound System

**\*6** Through November 2016

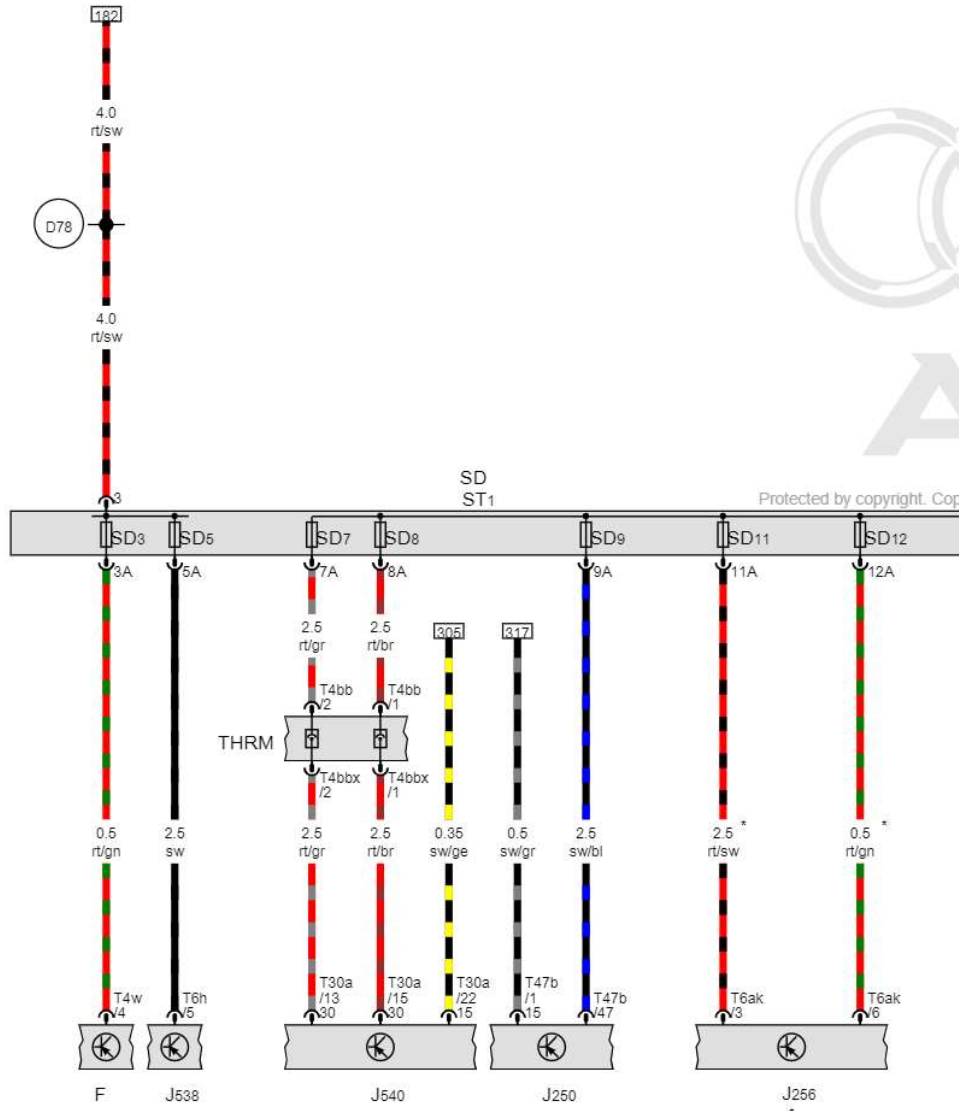
**\*7** From November 2016

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Fuse Panel D, Fuse Panel 1

- F Brake Lamp Switch
- J250 Electronic Damping Control Module
- J256 Convertible Top Control Module
- J538 Fuel Pump Control Module
- J540 Electromechanical Parking Brake Control Module
- SD Fuse Panel D
- ST1 Fuse Panel 1
- SD3 Fuse 3 (On Fuse Panel D)
- SD5 Fuse 5 (On Fuse Panel D)
- SD7 Fuse 7 (On Fuse Panel D)
- SD8 Fuse 8 (On Fuse Panel D)
- SD9 Fuse 9 (On Fuse Panel D)
- SD11 Fuse 11 (On Fuse Panel D)
- SD12 Fuse 12 (On Fuse Panel D)
- T4bb 4-Pin Connector, Black
- T4bbx 4-Pin Connector, Black
- T4w 4-Pin Connector, Black
- T6ak 6-Pin Connector, Black
- T6h 6-Pin Connector, Black
- T30a 30-Pin Connector, Black
- T47b 47-Pin Connector, Black
- THRM Coupling Point in Luggage Compartment, Center
- Positive Connection 1 (30a) (in Engine Compartment Wiring Harness)
- \* Only for Audi R8 Spyder



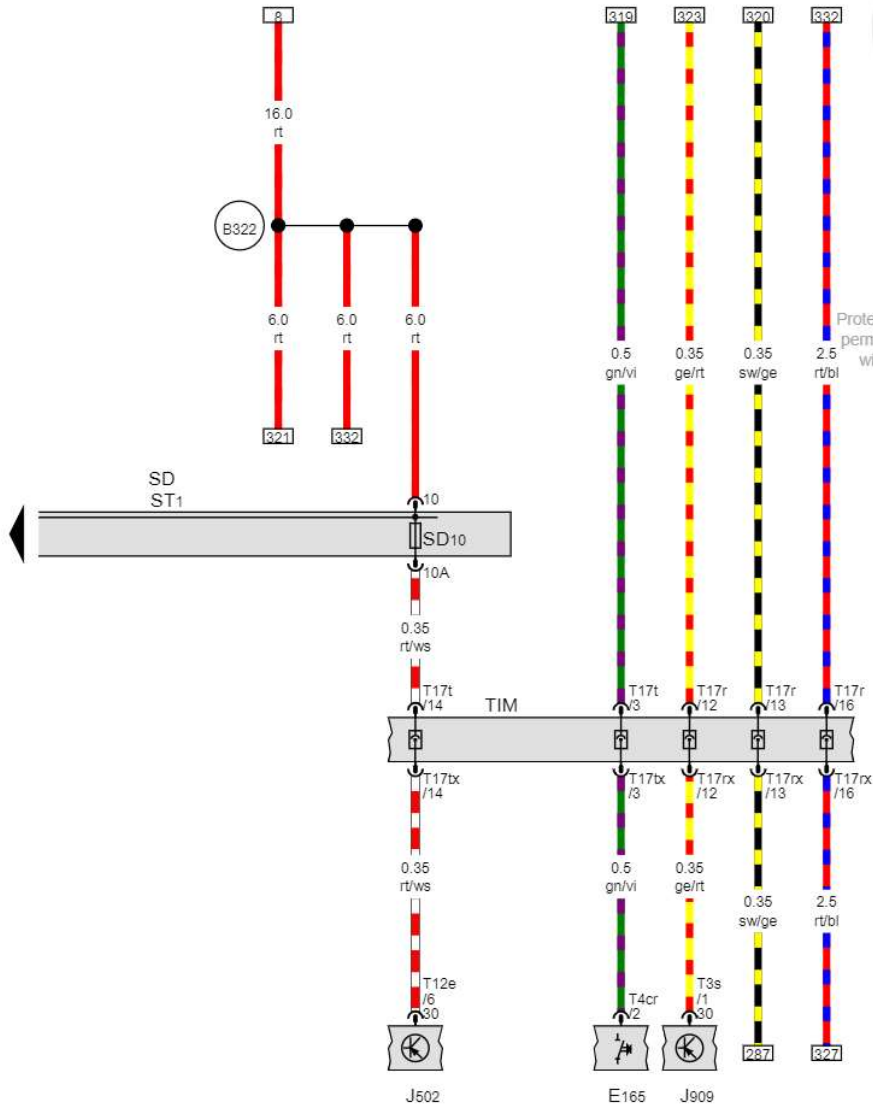
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Fuse Panel D, Fuse Panel 1

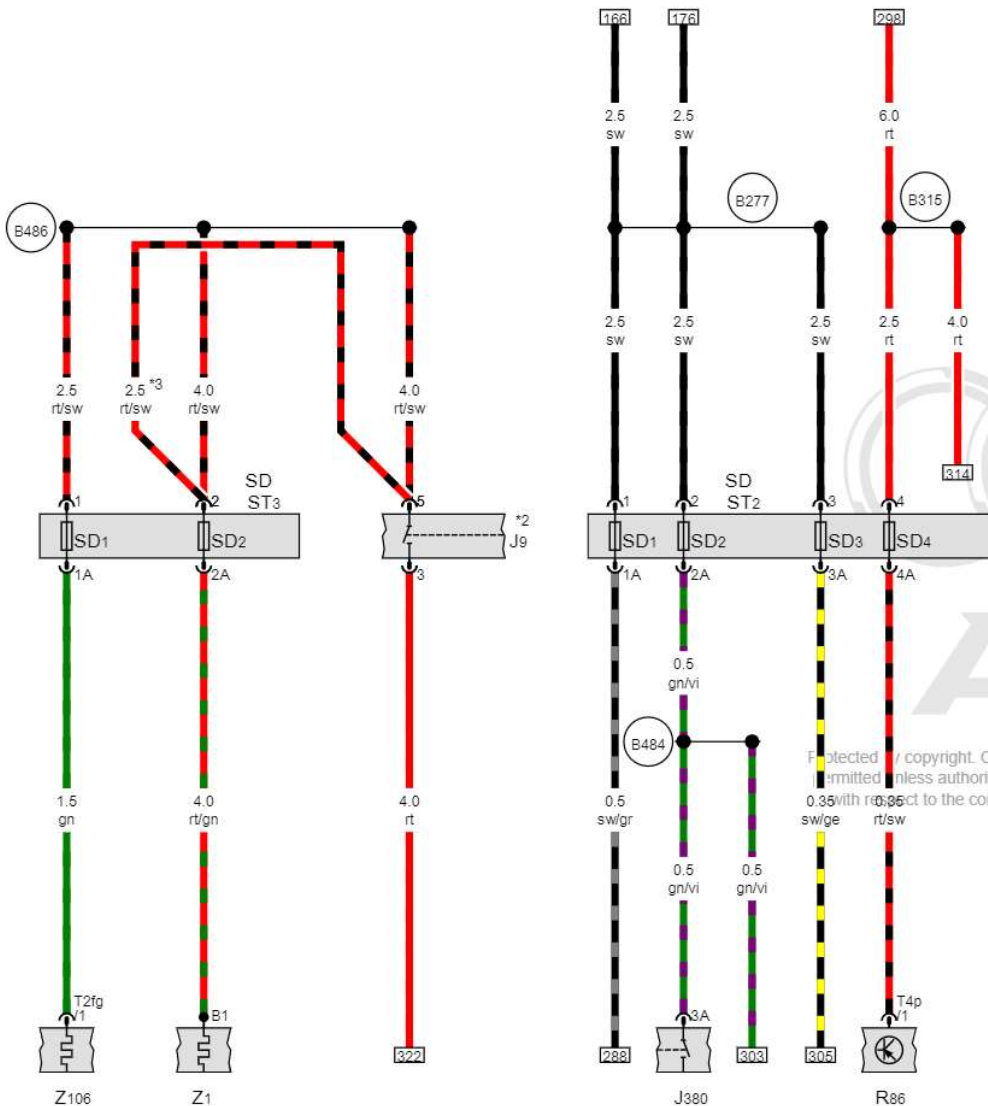
- E165 Rear Lid Unlock Switch
- J502 Tire Pressure Monitoring Control Module
- J909 Fuel Tank Leak Detection Control Module
- SD Fuse Panel D
- ST1 Fuse Panel 1
- SD10 Fuse 10 (On Fuse Panel D)
- T3s 3-Pin Connector, Black
- T4cr 4-Pin Connector, Brown
- T12e 12-Pin Connector, Black
- T17r 17-Pin Connector, Black
- T17rx 17-Pin Connector, Black
- T17t 17-Pin Connector, Brown
- T17tx 17-Pin Connector, Brown
- TIM Coupling Point in Interior, Center

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Fuse Panel D, Fuse Panel 2, Fuse Panel 3



- J9 Rear Window Defogger Relay
- J380 Rear Lid Central Locking Relay
- R86 Cellular Telephone Amplifier
- SD Fuse Panel D
- SD1 Fuse 1 (On Fuse Panel D)
- SD2 Fuse 2 (On Fuse Panel D)
- ST2 Fuse Panel 2
- ST3 Fuse Panel 3
- SD3 Fuse 3 (On Fuse Panel D)
- SD4 Fuse 4 (On Fuse Panel D)
- T2fg 2-Pin Connector, Black
- T4p 4-Pin Connector, Black
- Z1 Rear Window Defogger
- Z106 Partition Window Defogger

- (B277) Positive Connection 1 (15a) (in Main Wiring Harness)
- (B315) Positive Connection 1 (30a) (in Main Wiring Harness)
- (B484) Connection 20 (in Main Wiring Harness)
- (B486) Connection 22 (in Main Wiring Harness)

\* Refer to Applicable Convenience System Wiring Diagram  
 \*2 Refer to Applicable Standard Equipment Wiring Diagram  
 \*3 Only for Audi R8 Spyder

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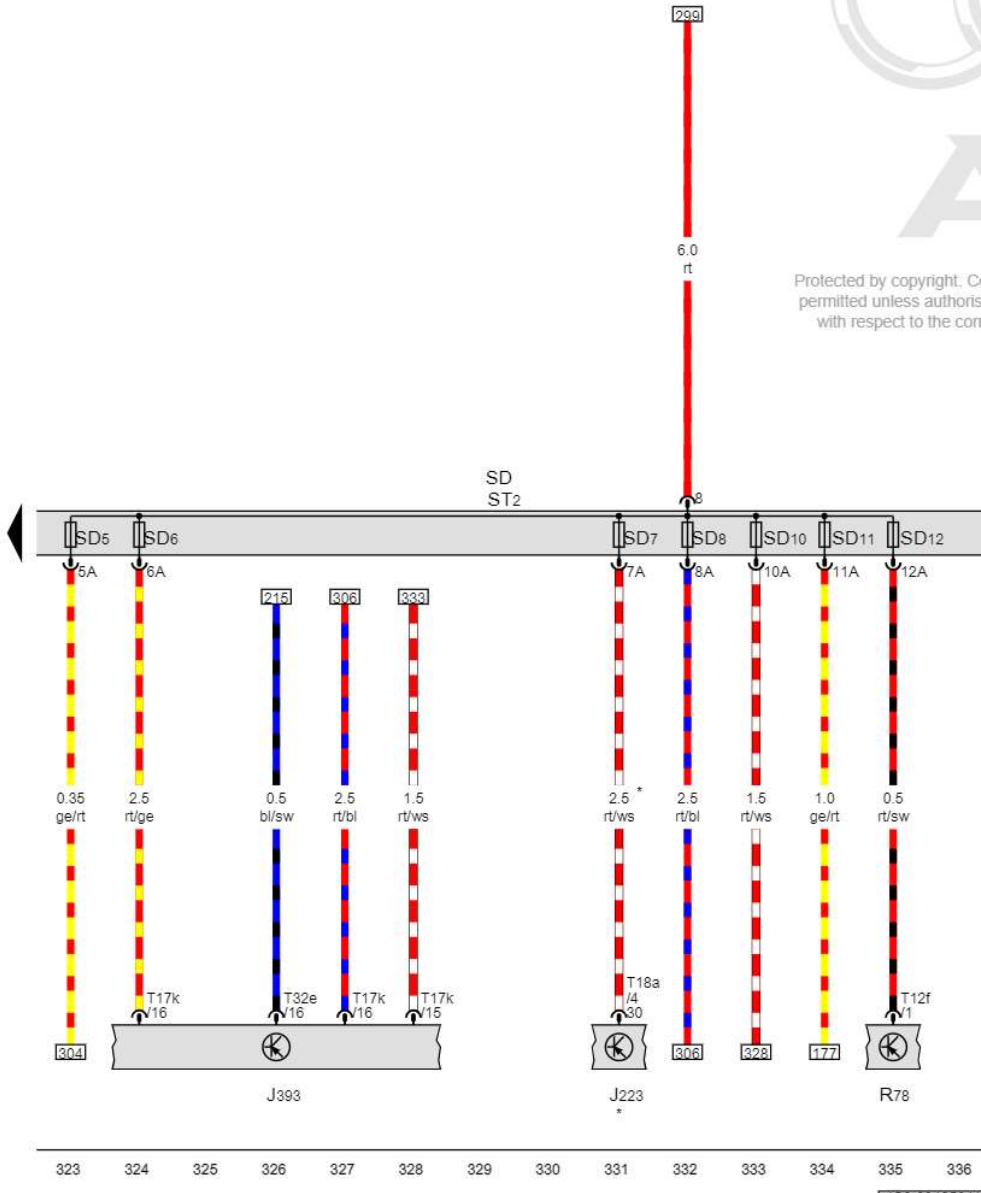
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Fuse Panel D, Fuse Panel 2

- J223 Rear Spoiler Control Module
- J393 Comfort System Central Control Module
- R78 TV Tuner
- SD Fuse Panel D
- ST2 Fuse Panel 2
- SD5 Fuse 5 (On Fuse Panel D)
- SD6 Fuse 6 (On Fuse Panel D)
- SD7 Fuse 7 (On Fuse Panel D)
- SD8 Fuse 8 (On Fuse Panel D)
- SD10 Fuse 10 (On Fuse Panel D)
- SD11 Fuse 11 (On Fuse Panel D)
- SD12 Fuse 12 (On Fuse Panel D)
- T12f 12-Pin Connector, Black
- T17k 17-Pin Connector, Black
- T18a 18-Pin Connector, Brown
- T32e 32-Pin Connector, Gray
- \* For Vehicles with Power Rear Spoiler

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323 324 325 326 327 328 329 330 331 332 333 334 335 336

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Comfort system, LHD , (L0L)  
from September 2015



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Left front door coupling point

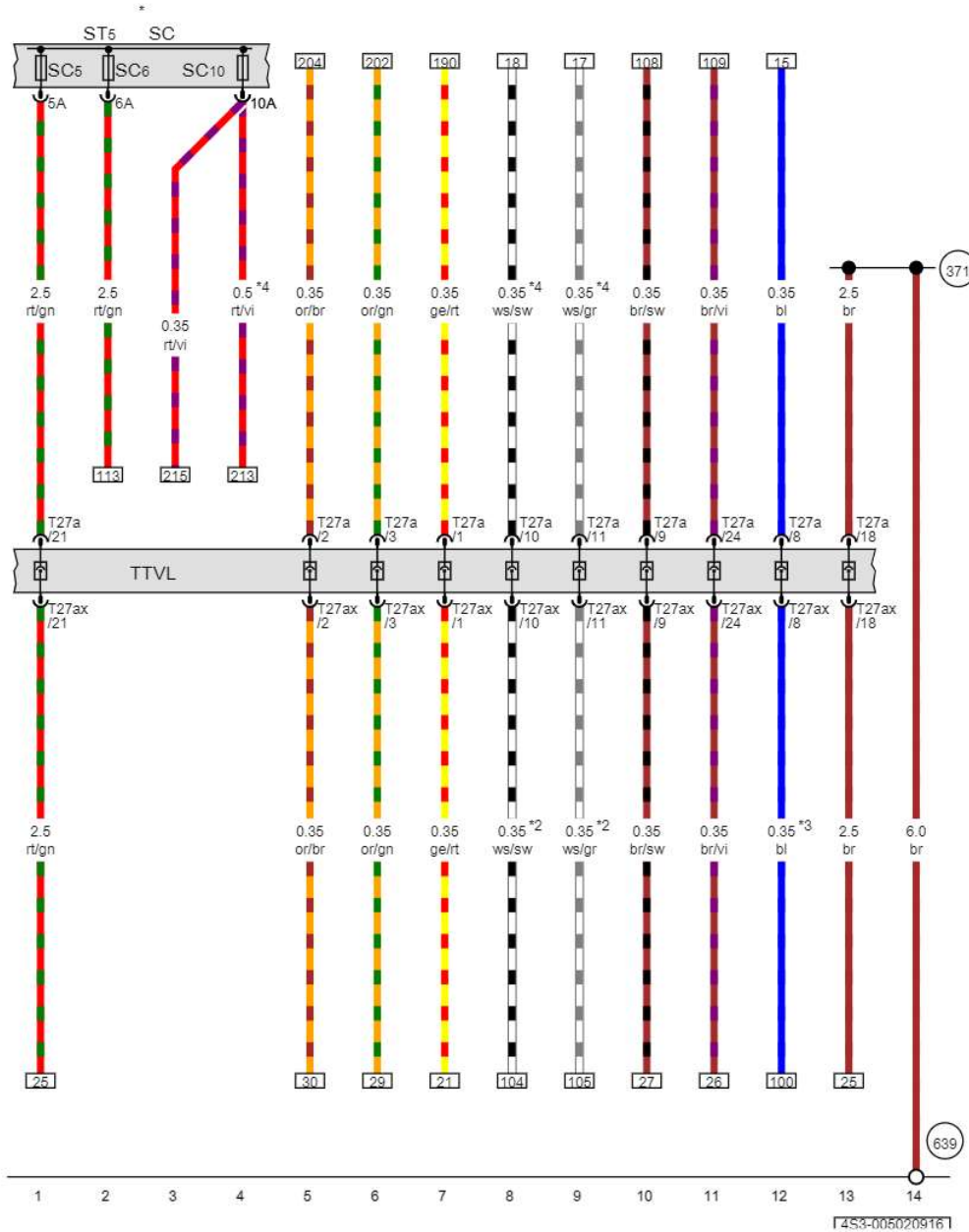
- SC Fuse panel C
- SC5 Fuse 5 (on fuse panel C)
- ST5 Fuse panel 5
- SC6 Fuse 6 (on fuse panel C)
- SC10 Fuse 10 (on fuse panel C)
- T27a 27-pin connector, black
- T27ax 27-pin connector, black
- TTVL Left front door coupling point

371 Ground connection 6 (in main wiring harness)

639 Ground connection on left A-pillar

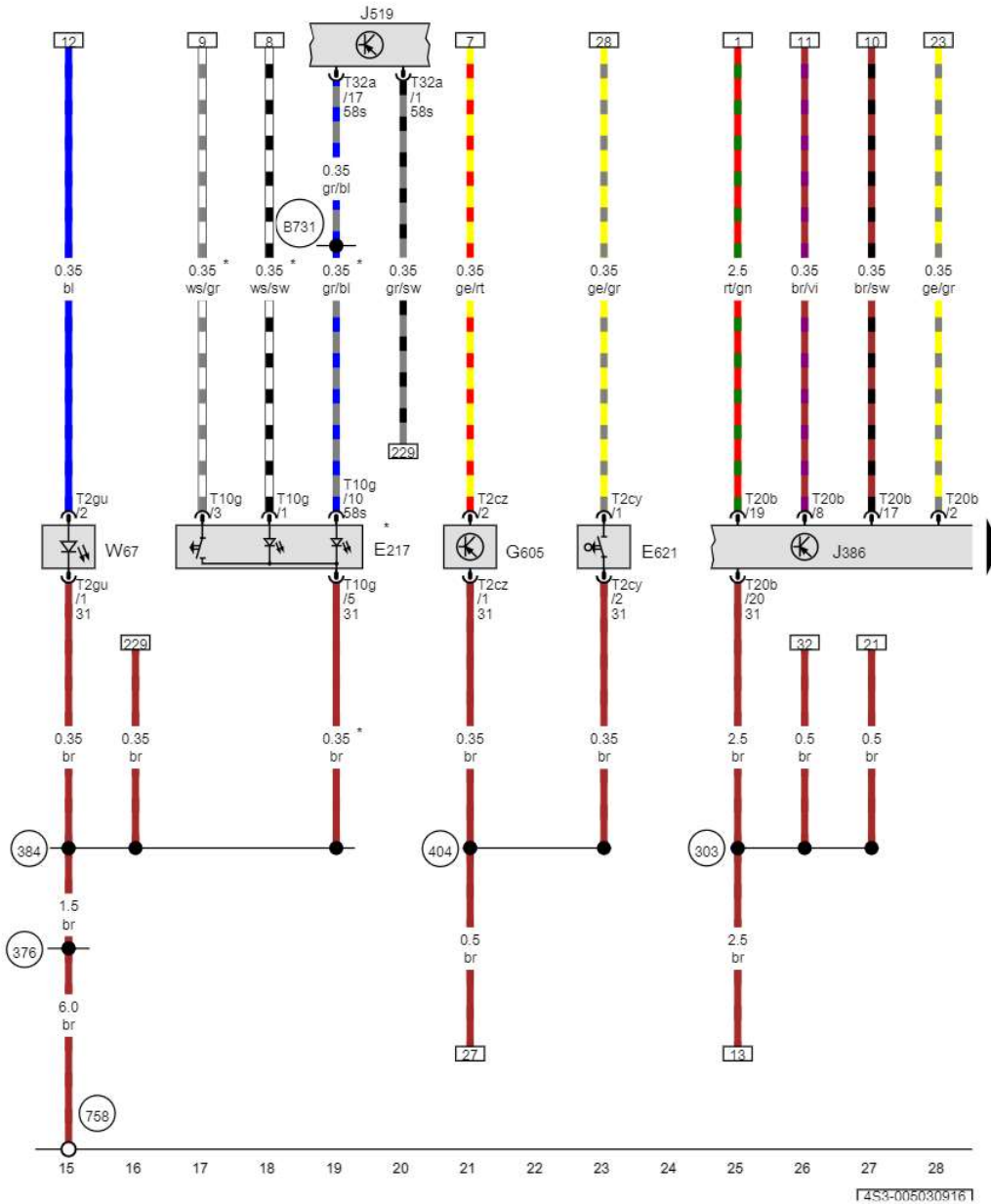
- \* Refer to applicable wiring diagram for fuse positions
- \*2 Not for USA
- \*3 Only for vehicles with auxiliary lamps
- \*4 Only for vehicles with anti-theft alarm system and interior monitoring and towing prevention

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1453-0050209161



Alarm system deactivation switch, Driver window lowering microswitch, Left front exterior door handle touch sensor, Driver door control module, Vehicle electrical system control module, Fiber optic cable for left front sill panel ambient lighting

- E217 Alarm system deactivation switch
- E621 Driver window lowering microswitch
- G605 Left front exterior door handle touch sensor
- J386 Driver door control module
- J519 Vehicle electrical system control module
- T2cy 2-pin connector, black
- T2cz 2-pin connector, black
- T2gu 2-pin connector, black
- T10g 10-pin connector, black
- T20b 20-pin connector, black
- T32a 32-pin connector, black
- W67 Fiber optic cable for left front sill panel ambient lighting

- 303 Ground connection 3 (in driver door wiring harness)
- 376 Ground connection 11 (in main wiring harness)
- 384 Ground connection 19 (in main wiring harness)
- 404 Ground connection 4 (in driver door wiring harness)
- 758 Ground connection 3 on center tunnel
- B731 Connection 58s (in main wiring harness) 1

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1453-0050309161

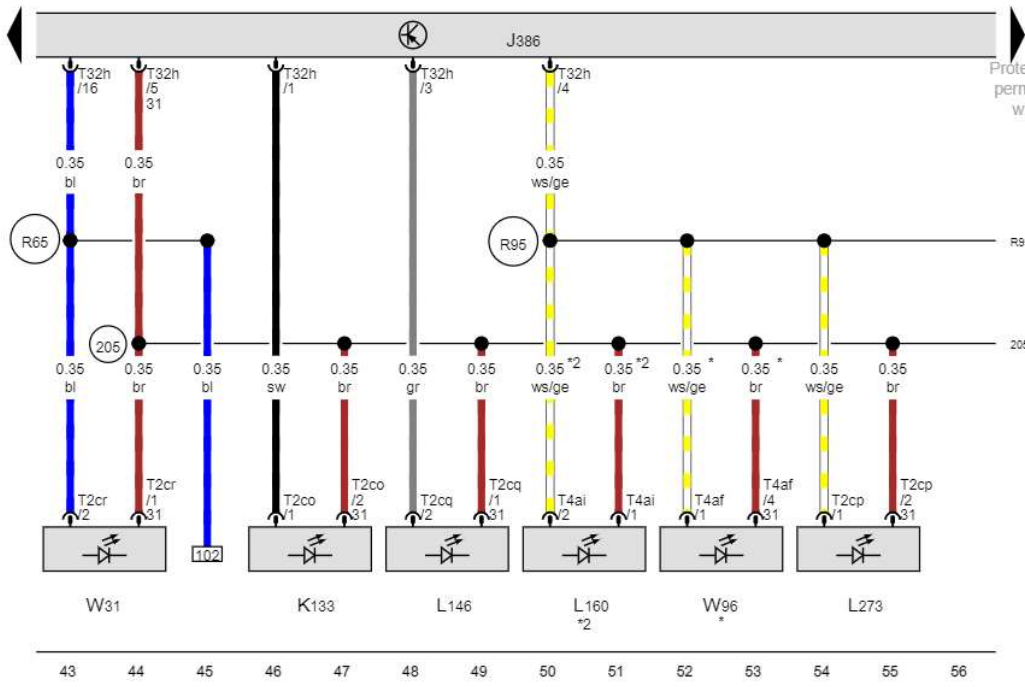


Driver door control module, Central locking -SAFE- indicator lamp, Driver interior door handle illumination bulb, Driver door storage compartment illumination bulb, Left vent illumination lamp, Left front entry lamp, Fiber optic cable for driver ambient lighting

- J386 Driver door control module
- K133 Central locking -SAFE- indicator lamp
- L146 Driver interior door handle illumination bulb
- L160 Driver door storage compartment illumination bulb
- L273 Left vent illumination lamp
- T2co 2-pin connector
- T2cp 2-pin connector, black
- T2cq 2-pin connector, black
- T2cr 2-pin connector, black
- T4af 4-pin connector, brown
- T4ai 4-pin connector, black
- T32h 32-pin connector, blue
- W31 Left front entry lamp
- W96 Fiber optic cable for driver ambient lighting

- 205 Ground connection (in driver door wiring harness)
- R65 Positive connection (58) (in driver door wiring harness)
- R95 ~~Connection 2 (in driver door wiring harness)~~ Connection 2 (in driver door wiring harness)
- \* Only for vehicles with BOSE sound system
- \*2 Only for vehicles with auxiliary lamps

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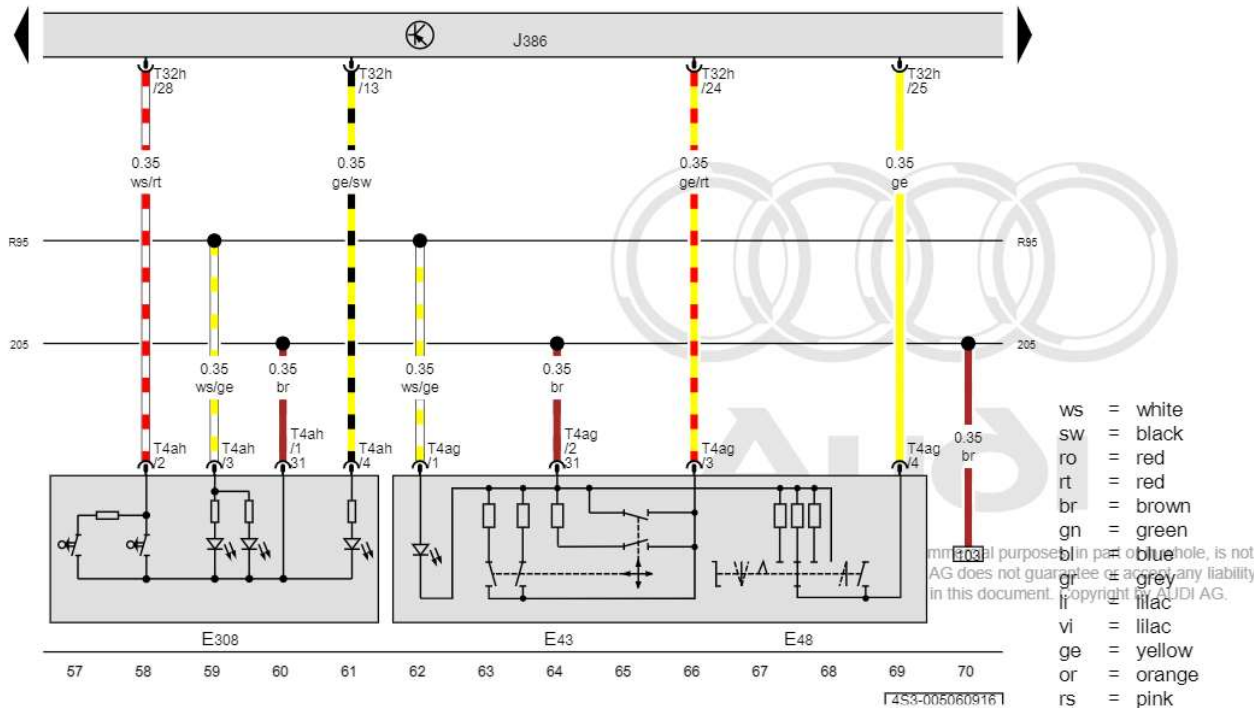
1453-0050509161

Mirror adjusting switch, Driver interior locking button, Driver door control module

- E43 Mirror adjusting switch
- E48 Mirror selector switch
- E308 Driver interior locking button
- J386 Driver door control module
- T4ag 4-pin connector, brown
- T4ah 4-pin connector, brown
- T32h 32-pin connector, blue

205 Ground connection (in driver door wiring harness)

R95 Connection 2 (in driver door wiring harness)





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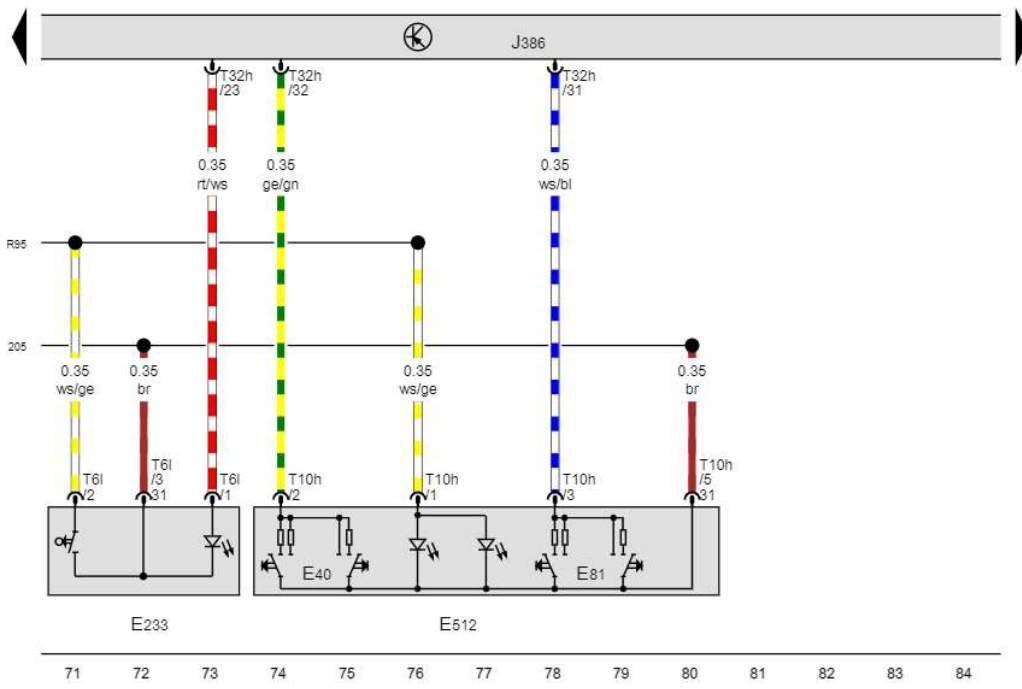
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Rear lid remote release button, Power window control head in driver door, Driver door control module

- E40 Left front window regulator switch
- E81 Right front power window switch in driver door
- E233 Rear lid remote release button
- E512 Power window control head in driver door
- J386 Driver door control module
- T6l 6-pin connector, black
- T10h 10-pin connector, black
- T32h 32-pin connector, blue

205 Ground connection (in driver door wiring harness)

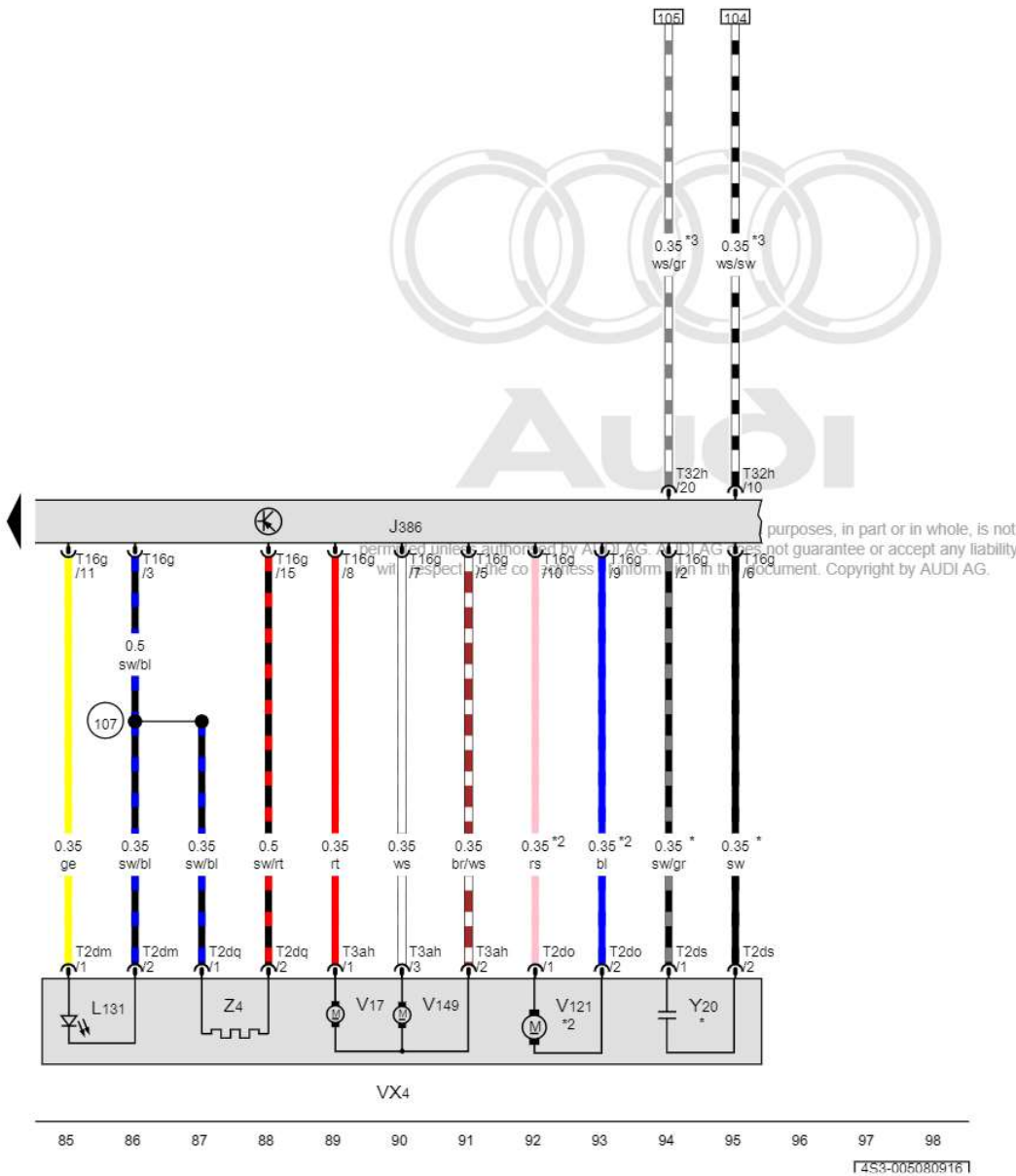
R95 Connection 2 (in driver door wiring harness)

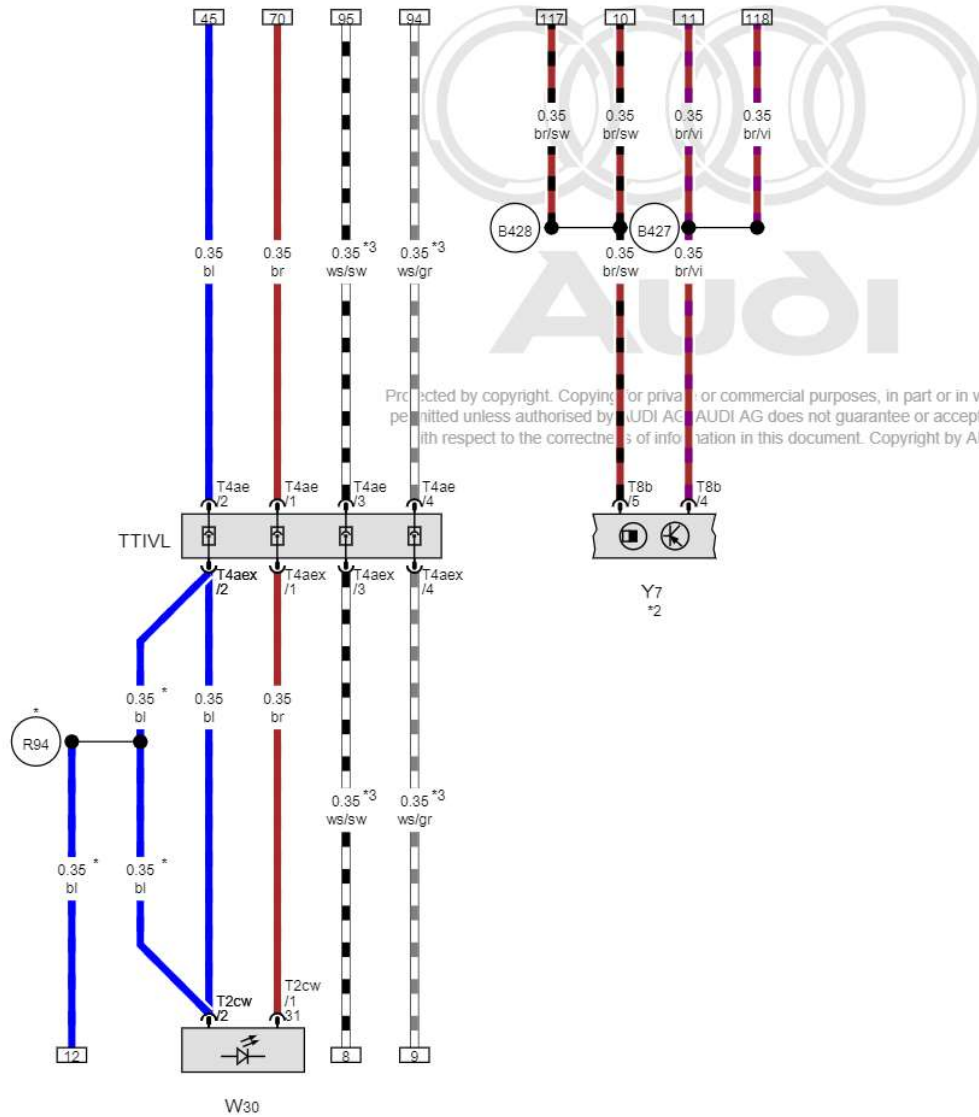


[453-005070916]

Driver door control module

- J386 Driver door control module
- L131 Driver exterior rearview mirror turn signal bulb
- T2dm 2-pin connector
- T2do 2-pin connector
- T2dq 2-pin connector
- T2ds 2-pin connector
- T3ah 3-pin connector
- T16g 16-pin connector, black
- T32h 32-pin connector, blue
- VX4 Driver exterior rearview mirror
- V17 Driver mirror adjustment motor 2
- V121 Driver exterior rearview mirror folding motor
- V149 Driver mirror adjustment motor
- Y20 Driver automatic dimming exterior rearview mirror
- Z4 Heated driver exterior rearview mirror
- 107 Ground connection (in exterior mirror wiring harness)
- \* Only for vehicles with automatic dimming exterior rearview mirror
- \*2 Only for vehicles with power folding exterior rearview mirrors
- \*3 Not for USA





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Driver door warning lamp

- T2cw 2-pin connector, black
- T4ae 4-pin connector, black
- T4aex 4-pin connector, black
- T8b 8-pin connector, black
- TTIVL Coupling point in the left front door
- W30 Driver door warning lamp
- Y7 Automatic dimming interior rearview mirror

- (B427) Mirror auto-dimming signal connection 1 (in main wiring harness)
- (B428) Mirror auto-dimming signal connection 2 (in main wiring harness)
- (R94) Connection 1 (in driver door wiring harness)

- \* Only for vehicles with auxiliary lamps
- \*2 Refer to the applicable interior rearview mirror wiring diagram
- \*3 Not for USA

- 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

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

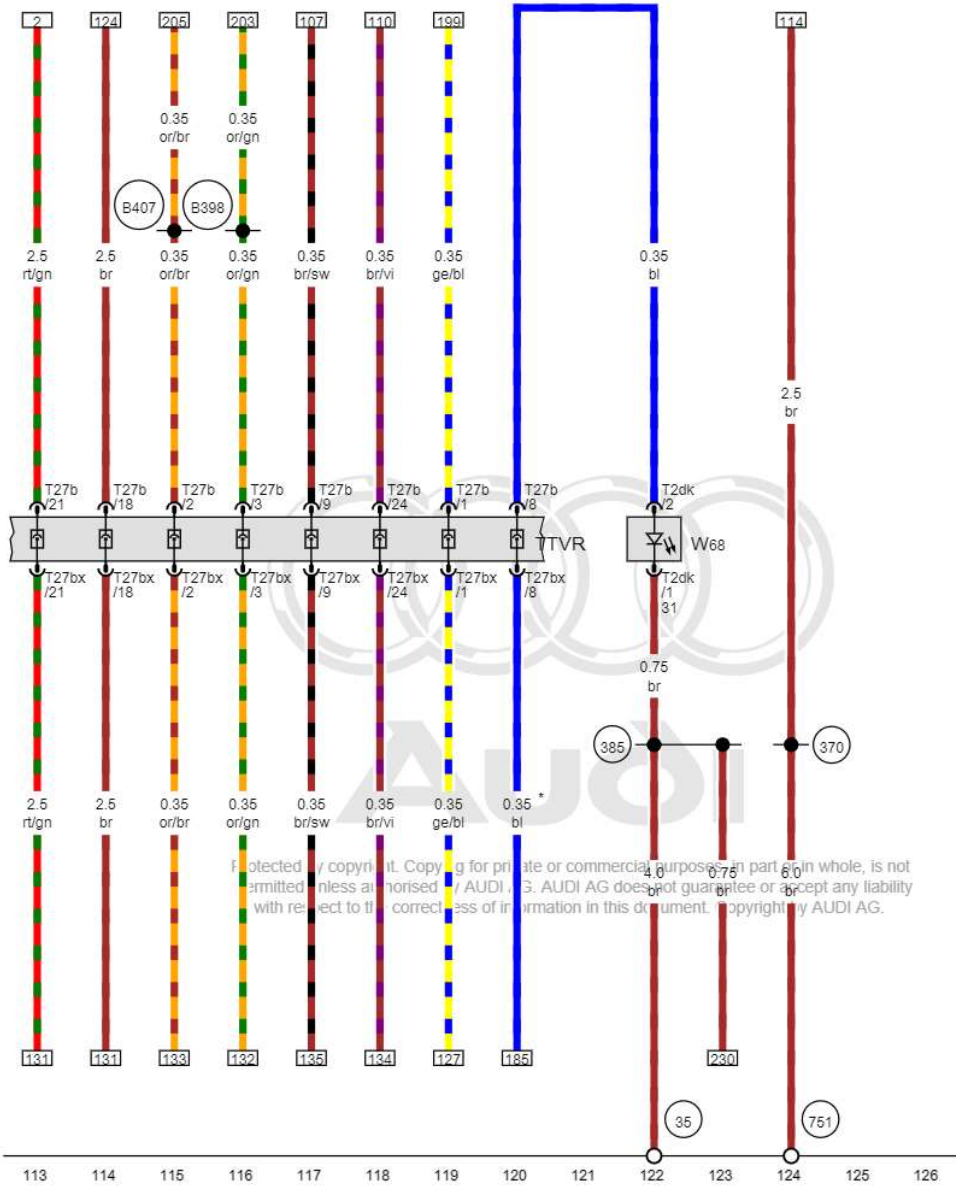
[453-005090916]



Fiber optic cable for right front sill panel ambient lighting

- T2dk 2-pin connector, black
- T27b 27-pin connector, black
- T27bx 27-pin connector, black
- TTVR Right front door coupling point
- W68 Fiber optic cable for right front sill panel ambient lighting

- 35 Ground connection under front passenger seat
- 370 Ground connection 5 (in main wiring harness)
- 385 Ground connection 20 (in main wiring harness)
- 751 Ground connection 2 on right A-pillar
- B398 Comfort system CAN bus high connection 2 (in main wiring harness)
- B407 Comfort system CAN bus low connection 2 (in main wiring harness)
- \* Only for vehicles with auxiliary lamps



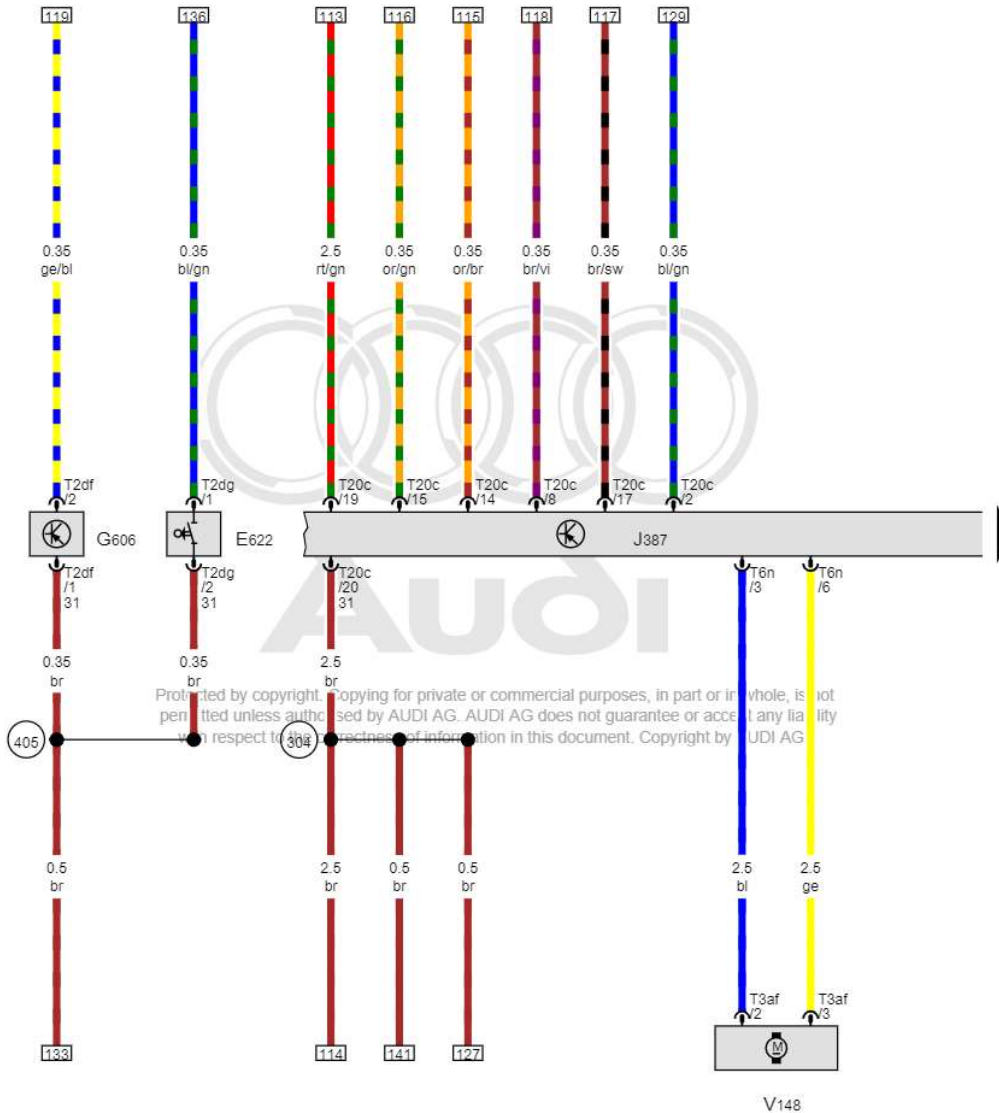
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17453-0051009181

Front passenger window lowering microswitch, Right front exterior door handle touch sensor, Front passenger door control module, Front passenger window regulator motor

- E622 Front passenger window lowering microswitch
- G606 Right front exterior door handle touch sensor
- J387 Front passenger door control module
- T2df 2-pin connector, black
- T2dg 2-pin connector, black
- T3af 3-pin connector, blue
- T6n 6-pin connector, black
- T20c 20-pin connector, black
- V148 Front passenger window regulator motor

- 304 Ground connection 3 (in front passenger door wiring harness)
- 405 Ground connection 4 (in front passenger door wiring harness)



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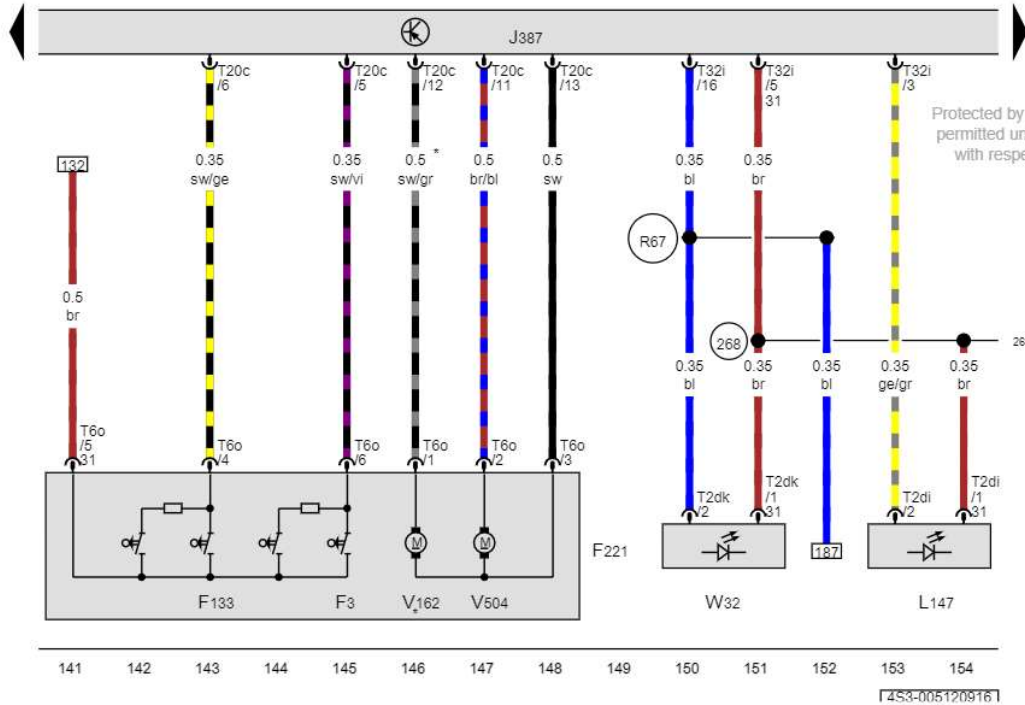
127 128 129 130 131 132 133 134 135 136 137 138 139 140

[453-005110916]

Front passenger central locking lock unit, Front passenger door control module, Front passenger interior door handle illumination bulb, Right front entry lamp

- F3 Front passenger door contact switch
- F133 Right front central locking system actuator
- F221 Front passenger central locking lock unit
- J387 Front passenger door control module
- L147 Front passenger interior door handle illumination bulb
- T2di 2-pin connector, black
- T2dk 2-pin connector, black
- T6o 6-pin connector, black
- T20c 20-pin connector, black
- T32i 32-pin connector, blue
- V162 Front passenger central locking -SAFE- motor
- V504 Front passenger side central locking motor
- W32 Right front entry lamp
- 268 Ground connection 2 (in front passenger door wiring harness)
- R67 Positive connection (58) (in front passenger door wiring harness)

\* Not for USA



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Front passenger interior locking button, Front passenger door control module, Front passenger door storage compartment illumination bulb, Right vent illumination lamp, Fiber optic cable for front passenger ambient lighting

- E309 Front passenger interior locking button
- J387 Front passenger door control module
- L161 Front passenger door storage compartment illumination bulb
- L274 Right vent illumination lamp
- T2dh 2-pin connector, black
- T4al 4-pin connector, brown
- T4am 4-pin connector, black
- T4an 4-pin connector, brown
- T32i 32-pin connector, blue
- W85 Fiber optic cable for front passenger ambient lighting

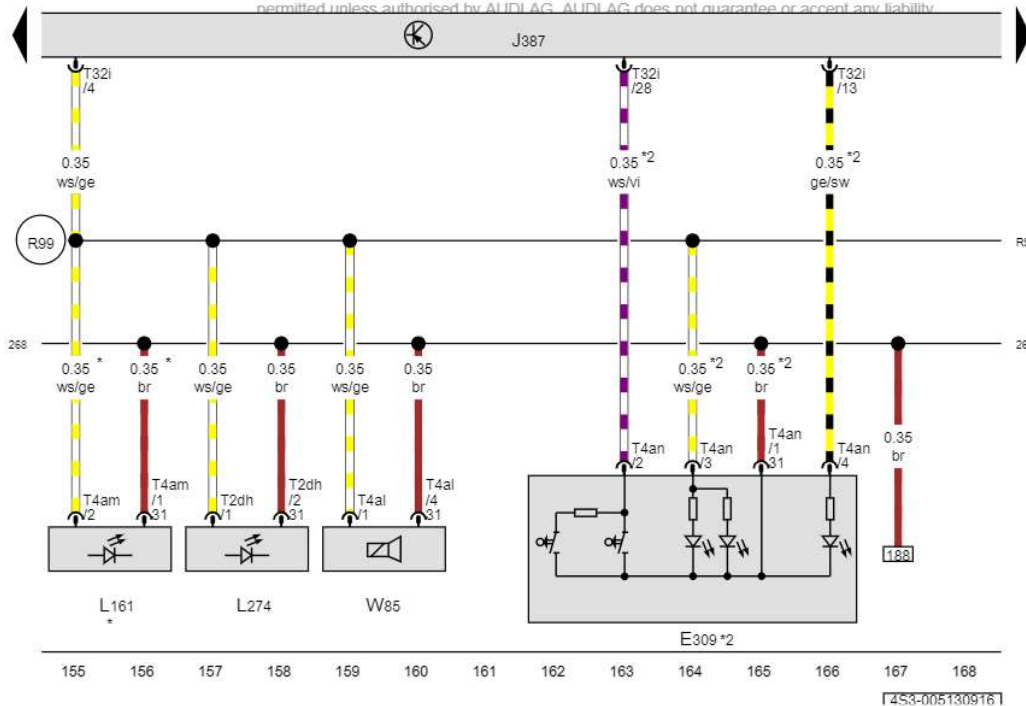
268 Ground connection 2 (in front passenger door wiring harness)

R99 Connection 2 (in front passenger door wiring harness)

\* Only for vehicles with auxiliary lamps

\*2 USA only

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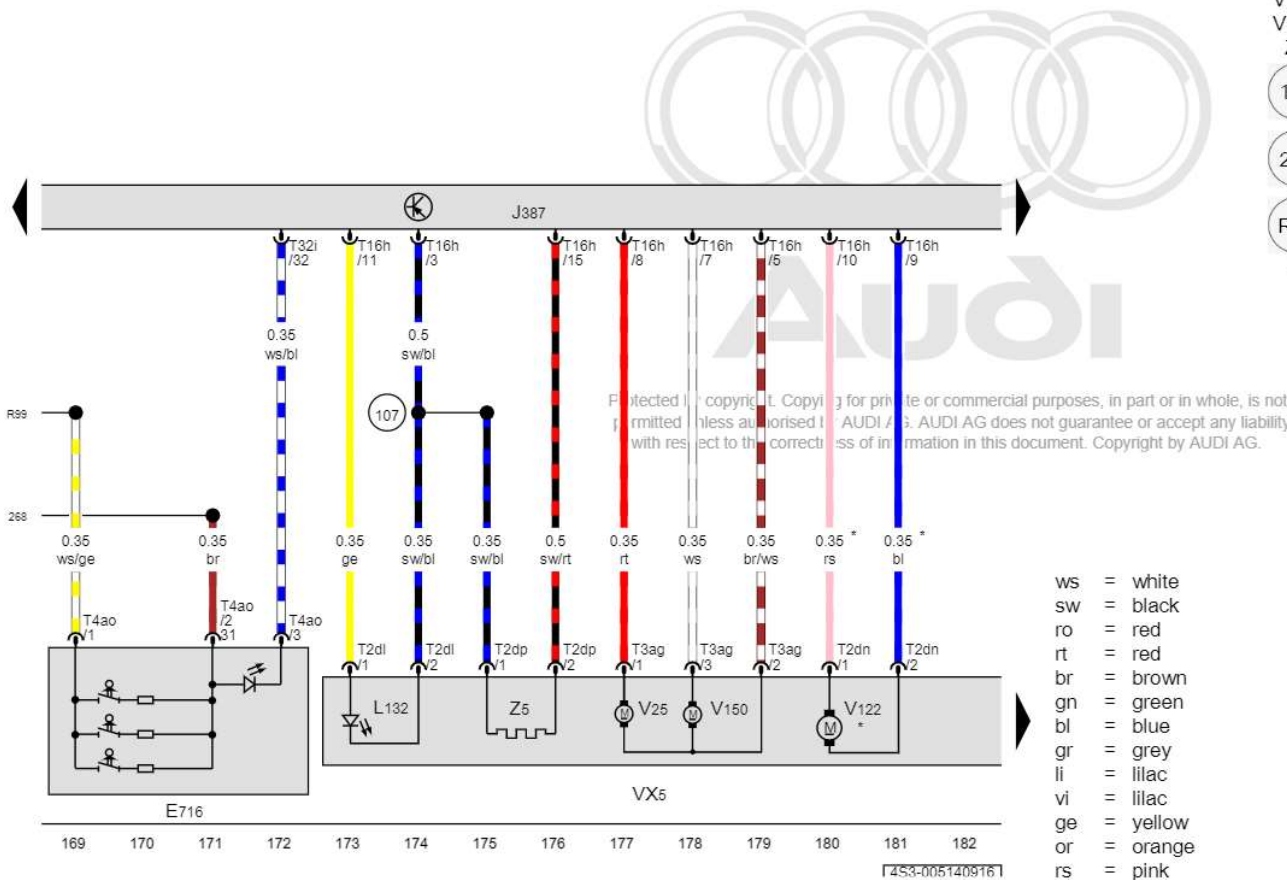
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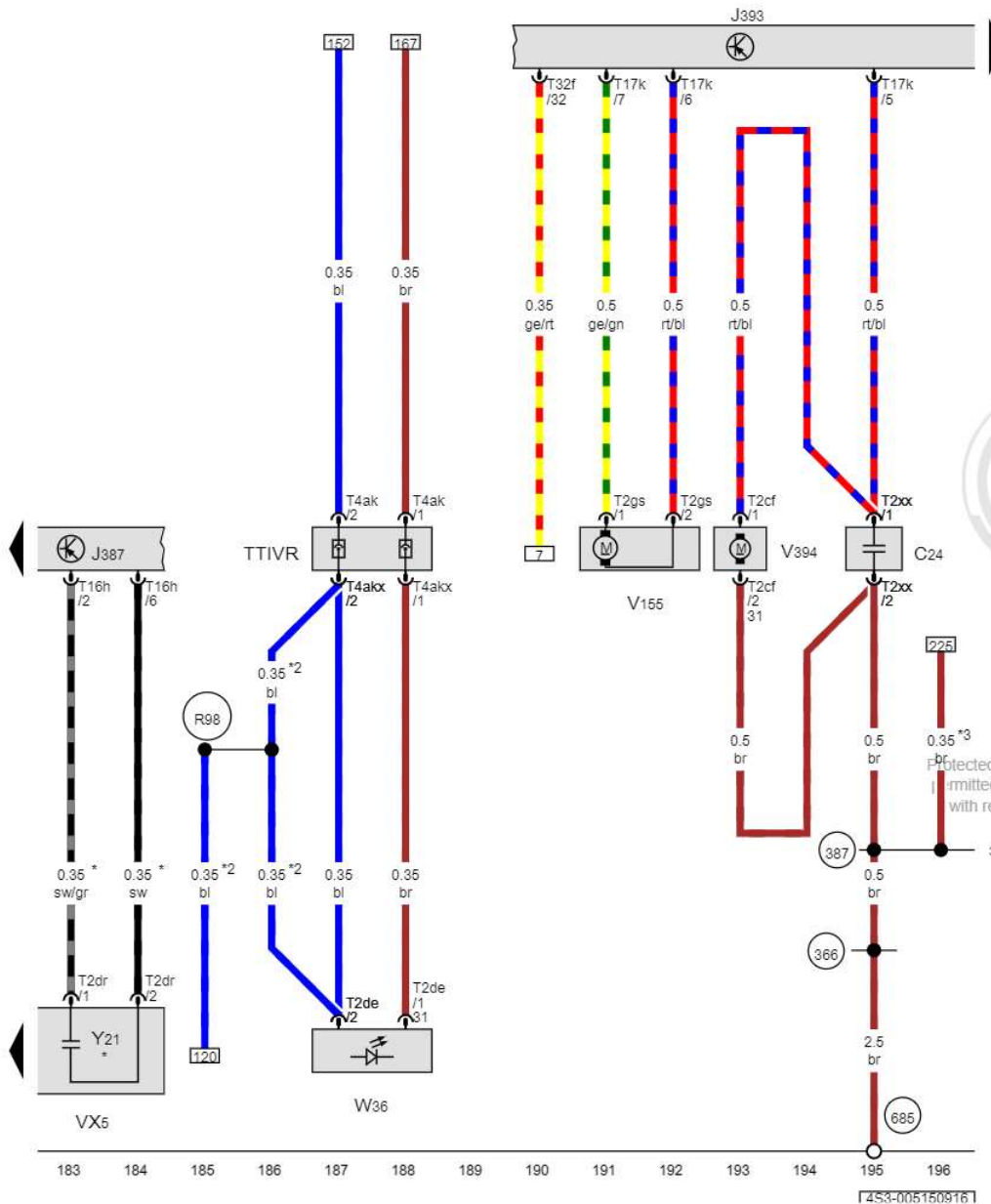
1453-0051309161

Front passenger power window button, Front passenger door control module, Front passenger exterior rearview mirror

- E716 Front passenger power window button
- J387 Front passenger door control module
- L132 Front passenger exterior rearview mirror turn signal bulb
- T2dl 2-pin connector
- T2dn 2-pin connector
- T2dp 2-pin connector
- T3ag 3-pin connector
- T4ao 4-pin connector, brown
- T16h 16-pin connector, black
- T32i 32-pin connector, blue
- VX5 Front passenger exterior rearview mirror
- V25 Front passenger side mirror adjustment motor 2
- V122 Front passenger exterior rearview mirror folding motor
- V150 Front passenger mirror adjustment motor
- Z5 Heated front passenger exterior rearview mirror

- 107 Ground connection (in exterior mirror wiring harness)
- 268 Ground connection 2 (in front passenger door wiring harness)
- R99 Connection 2 (in front passenger door wiring harness)
- \* Only for vehicles with power folding exterior rearview mirrors





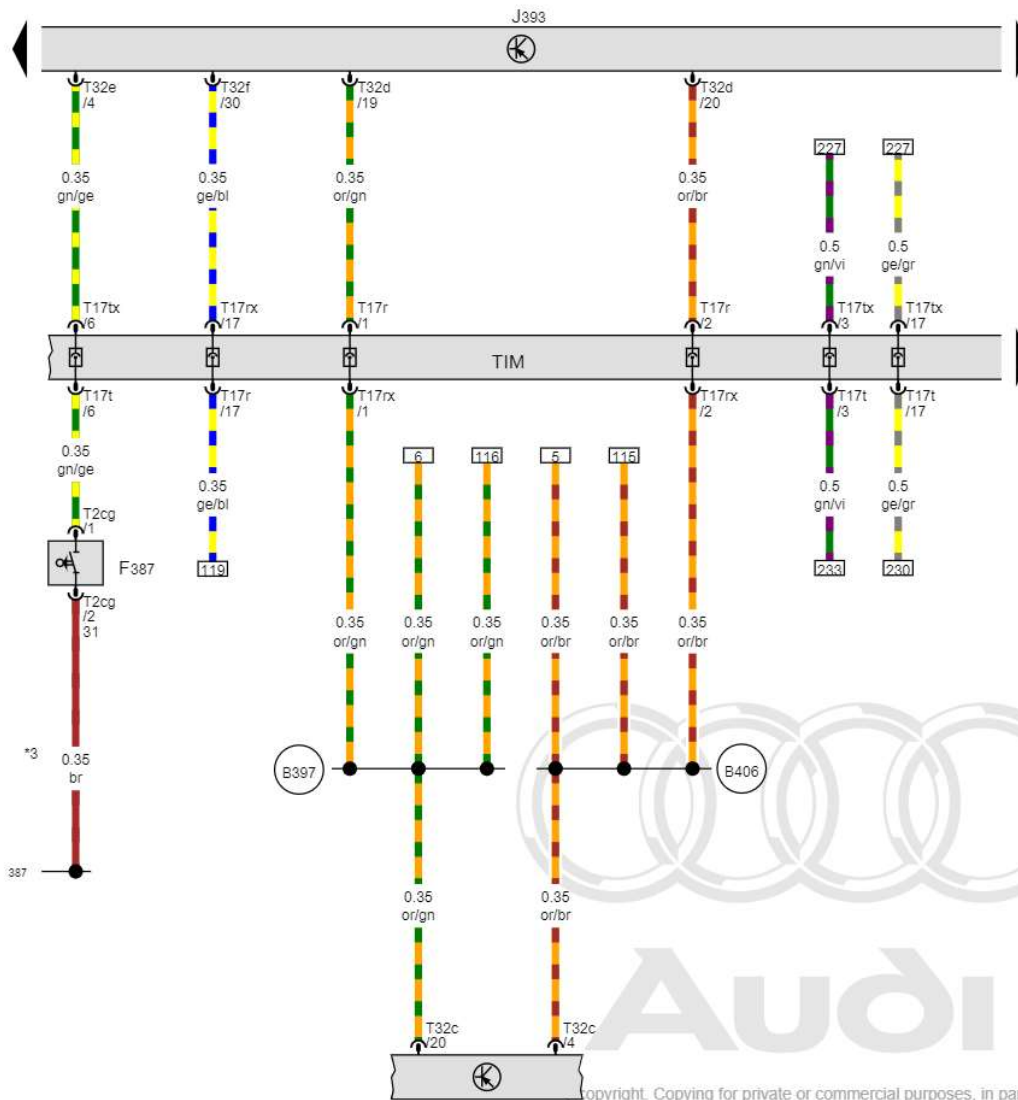
Front passenger door control module, Comfort system central control module, Front passenger exterior rearview mirror, Fuel filler door lock motor, Hood release motor, Front passenger door warning lamp

- C24 Suppressor
- J387 Front passenger door control module
- J393 Comfort system central control module
- T2cf 2-pin connector, black
- T2de 2-pin connector, black
- T2dr 2-pin connector
- T2gs 2-pin connector, black
- T2xx 2-pin connector
- T4ak 4-pin connector, black
- T4akx 4-pin connector, black
- T16h 16-pin connector, black
- T17k 17-pin connector, black
- T32f 32-pin connector, blue
- TTIVR Coupling point in the right front door
- VX5 Front passenger exterior rearview mirror
- V155 Fuel filler door lock motor
- V394 Hood release motor
- W36 Front passenger door warning lamp
- Y21 Front passenger automatic dimming exterior rearview mirror

- 366 Ground connection 1 (in main wiring harness)
- 387 Ground connection 22 (in main wiring harness)
- 685 Ground connection 1 on right front longitudinal member
- R98 Connection 1 (in front passenger door wiring harness)
- \*1 Only for vehicles with automatic dimming exterior rearview mirror
- \*2 Only for vehicles with auxiliary lamps
- \*3 USA only

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Hood contact switch, Comfort system central control module



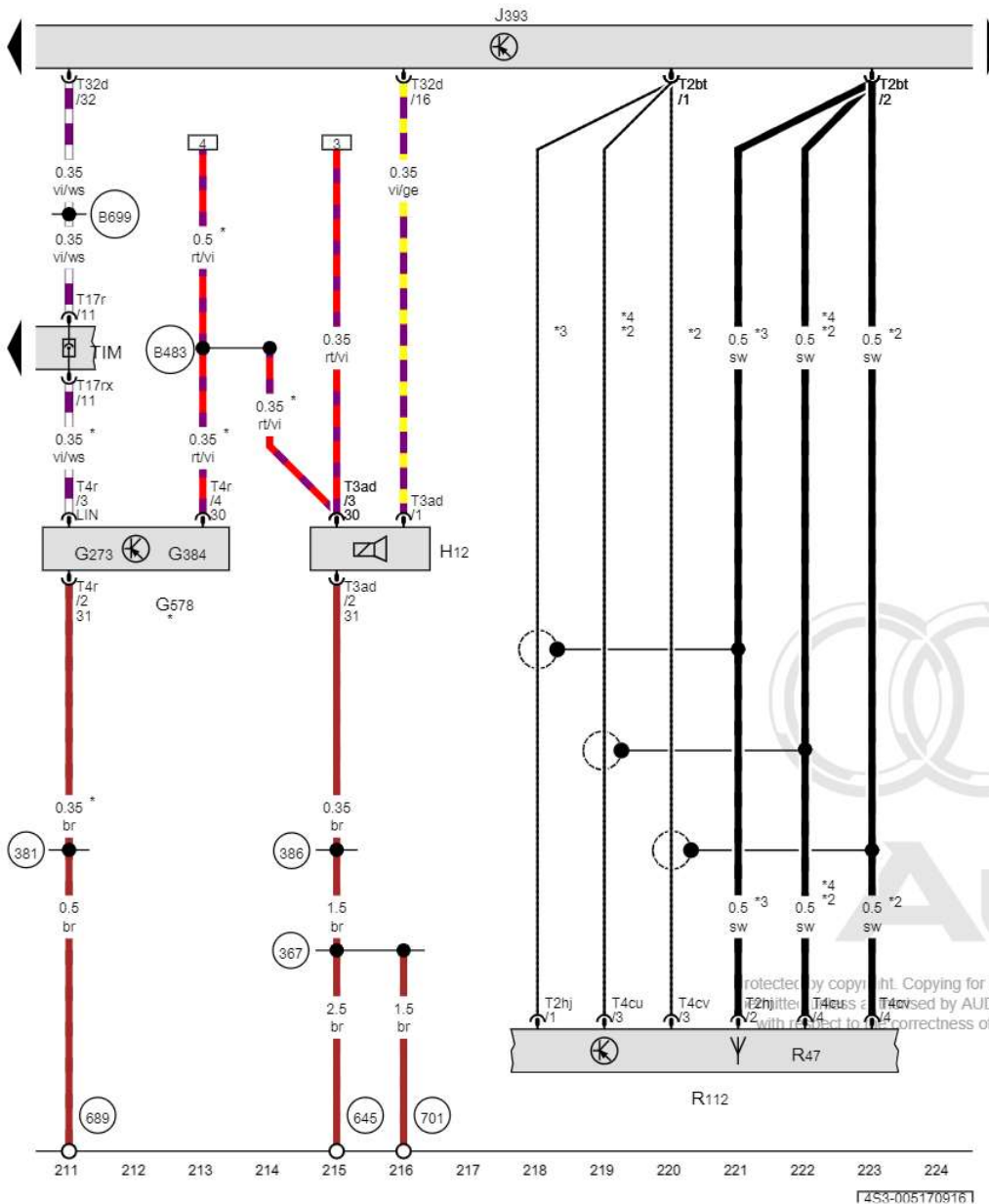
- F387 Hood contact switch
- J393 Comfort system central control module
- J533 Data bus on board diagnostic interface
- T2cg 2-pin connector, black
- T17r 17-pin connector, black
- T17rx 17-pin connector, black
- T17t 17-pin connector, brown
- T17tx 17-pin connector, brown
- T32c 32-pin connector, black
- T32d 32-pin connector, black
- T32e 32-pin connector, black
- T32f 32-pin connector, blue
- TIM Coupling point in interior, center
- 387 Ground connection 22 (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)

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

1753-0051609161



Anti-theft alarm system sensor, Alarm horn, Comfort system central control module, Central locking and anti-theft alarm system antenna, Antenna amplifier 3

- G273 Interior monitoring sensor
- G384 Vehicle inclination sensor
- G578 Anti-theft alarm system sensor
- H12 Alarm horn
- J393 Comfort system central control module
- R47 Central locking and anti-theft alarm system antenna
- R112 Antenna amplifier 3
- T2bt 2-pin connector, gray
- T2hj 2-pin connector, gray
- T3ad 3-pin connector, black
- T4cu 4-pin connector, brown
- T4cv 4-pin connector, green
- T4r 4-pin connector, black
- T17r 17-pin connector, black
- T17rx 17-pin connector, black
- T32d 32-pin connector, black
- TIM Coupling point in interior, center

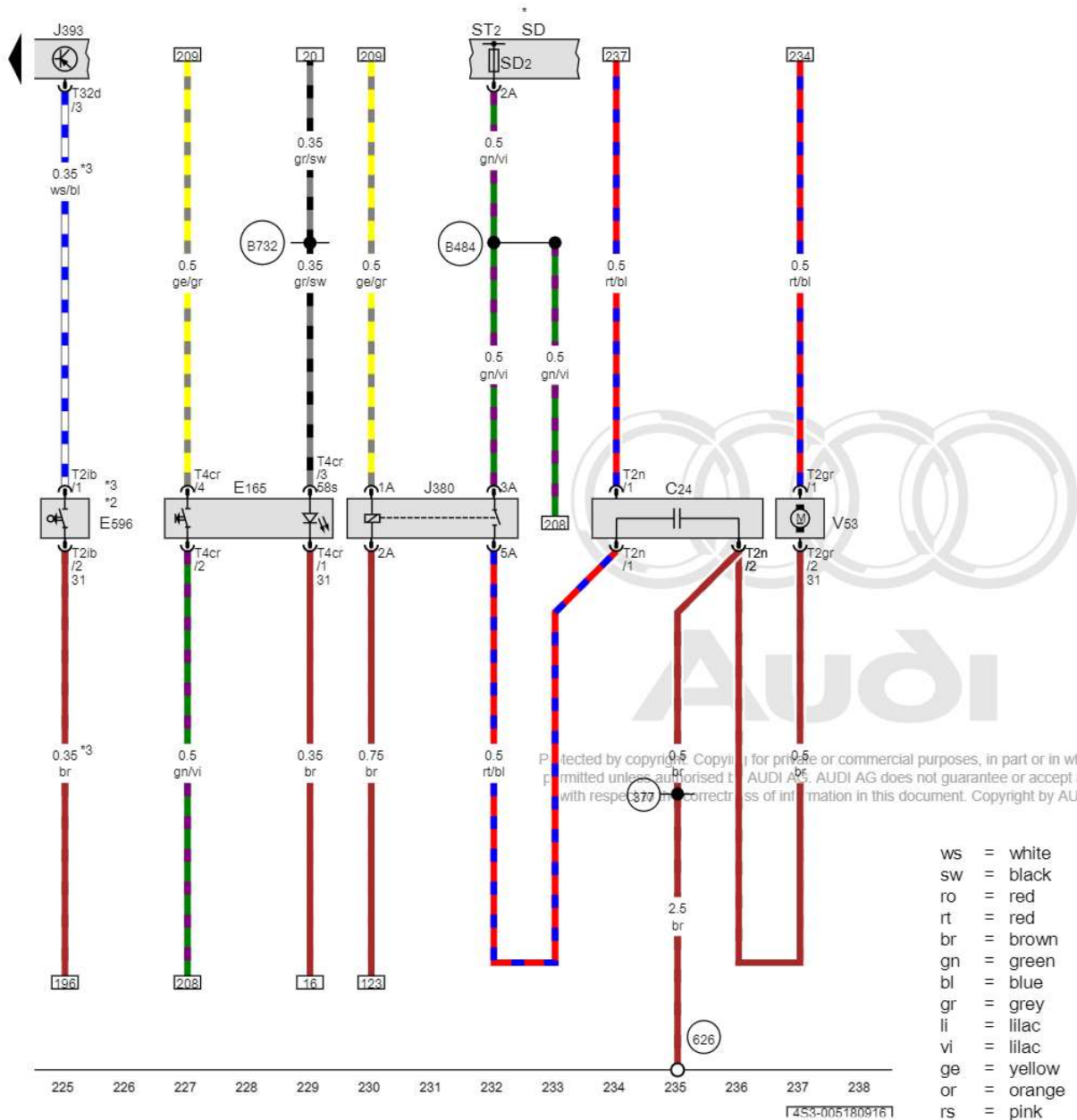
- 367 Ground connection 2 (in main wiring harness)
- 381 Ground connection 16 (in main wiring harness)
- 386 Ground connection 21 (in main wiring harness)
- 645 Ground connection 1 on bulkhead
- 689 Ground connection on roof, center front
- 701 Ground connection in luggage compartment
- B483 Connection 19 (in main wiring harness)
- B699 LIN bus connection 4 (in main wiring harness)

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- \*2 Only for vehicles with anti-theft alarm system and interior monitoring and towing prevention
- \*3 Only for vehicles with a digital radio
- \*4 Only for vehicles with Japan equipment

1753-0051709161





Rear lid unlock switch, Luggage compartment emergency release button, Rear lid central locking relay, Comfort system central control module, Rear lid central locking system motor

- C24 Suppressor
- E165 Rear lid unlock switch
- E596 Luggage compartment emergency release button
- J380 Rear lid central locking relay
- J393 Comfort system central control module
- SD Fuse panel D
- SD2 Fuse 2 (on fuse panel D)
- ST2 Fuse panel 2
- T2gr 2-pin connector, black
- T2b 2-pin connector, black
- T2n 2-pin connector
- T4cr 4-pin connector, brown
- T32d 32-pin connector, black
- V53 Rear lid central locking system motor

- 377 Ground connection 12 (in main wiring harness)
- 626 Right tail lamp ground connection
- B484 Connection 20 (in main wiring harness)
- B732 Connection 58s (in main wiring harness) 2

- \* Refer to applicable wiring diagram for fuse positions
- \*2 pre-wired component
- \*3 USA only

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Data bus on board diagnostic interface and diagnostic link connector (DLC)

from September 2015



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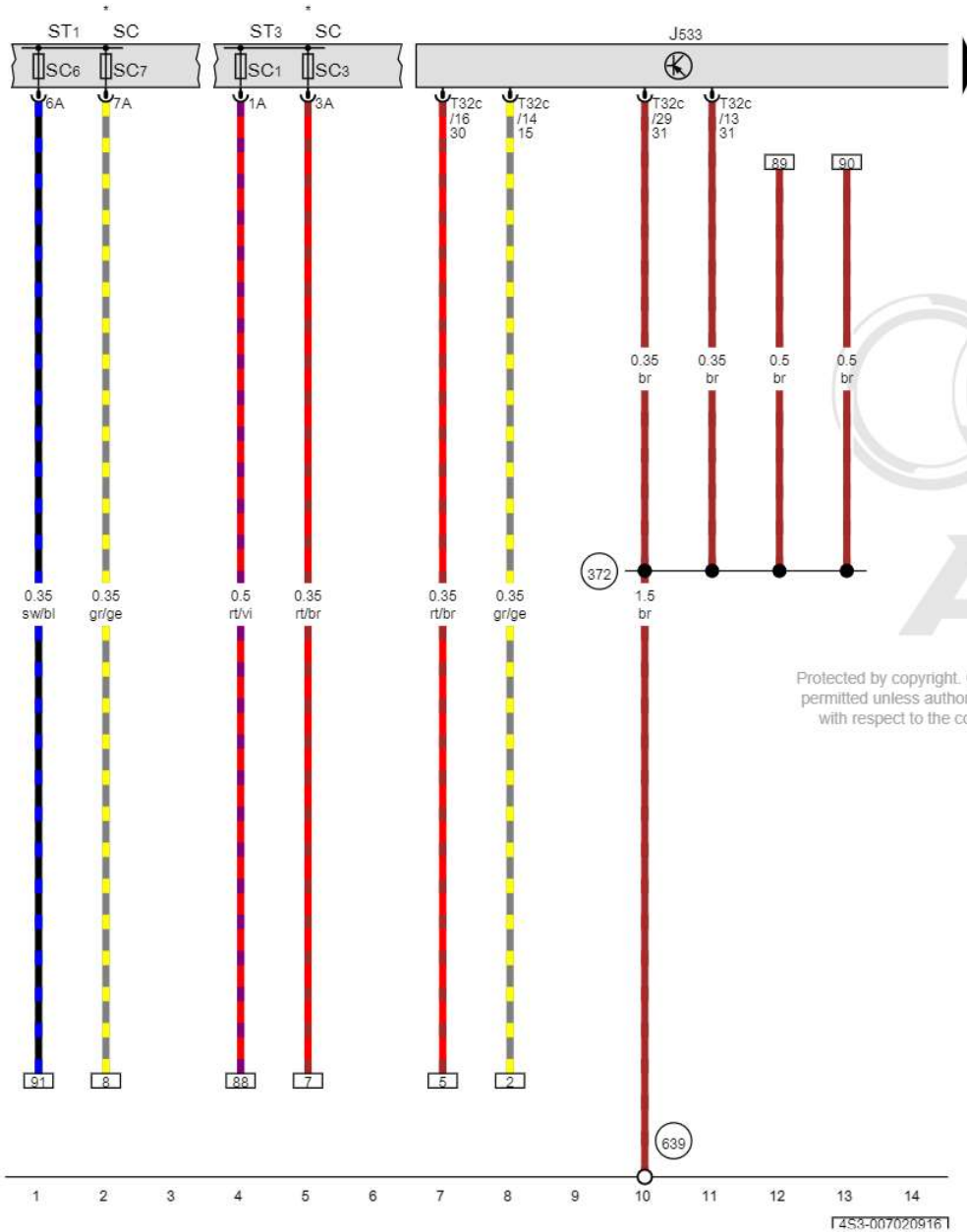
Data bus on board diagnostic interface

- J533 Data bus on board diagnostic interface
- SC Fuse panel C
- SC1 Fuse 1 (on fuse panel C)
- ST1 Fuse panel 1
- ST3 Fuse panel 3
- SC3 Fuse 3 (on fuse panel C)
- SC6 Fuse 6 (on fuse panel C)
- SC7 Fuse 7 (on fuse panel C)
- T32c 32-pin connector, black

372 Ground connection 7 (in main wiring harness)

639 Ground connection on left A-pillar

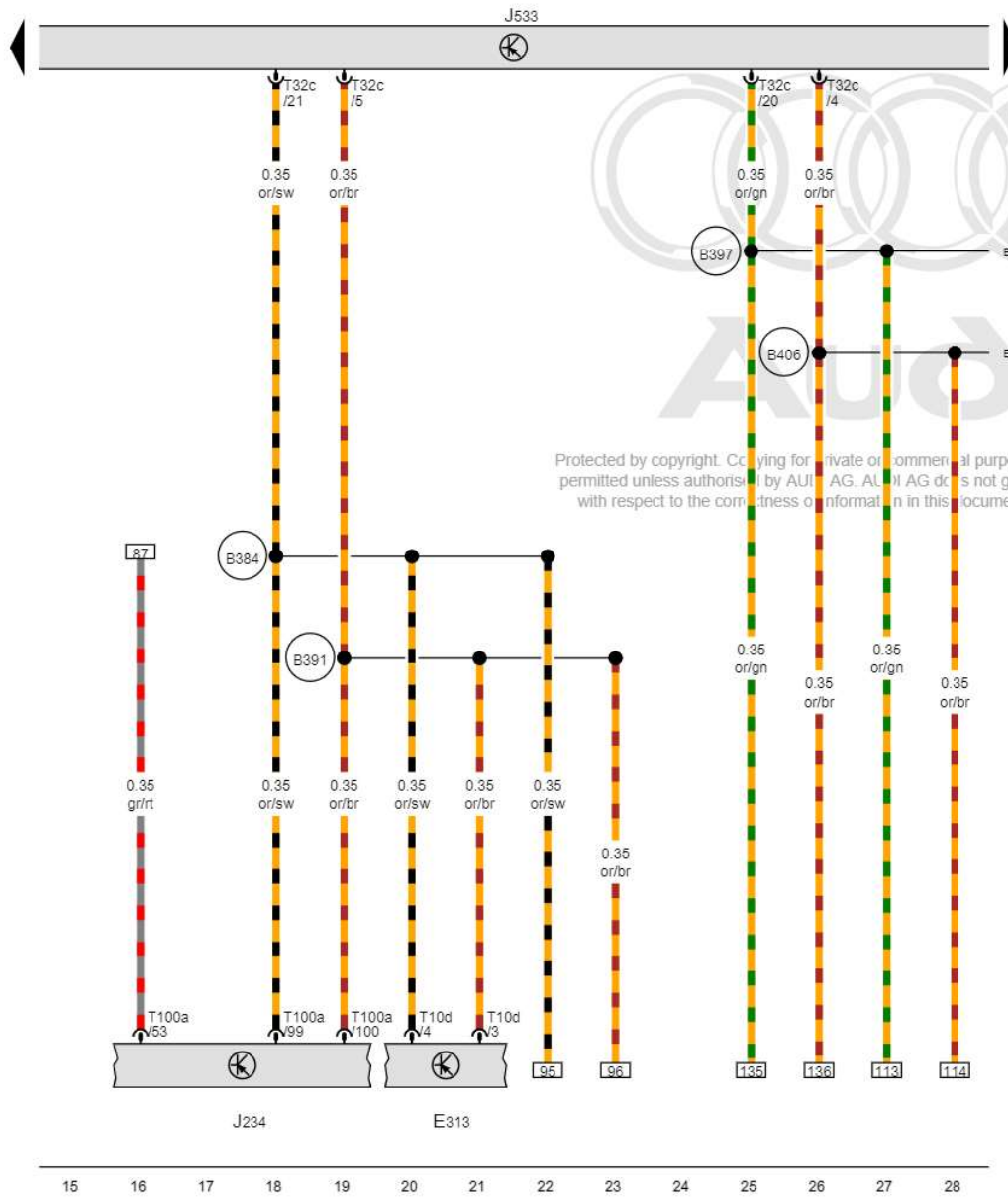
\* Refer to applicable wiring diagram for fuse positions



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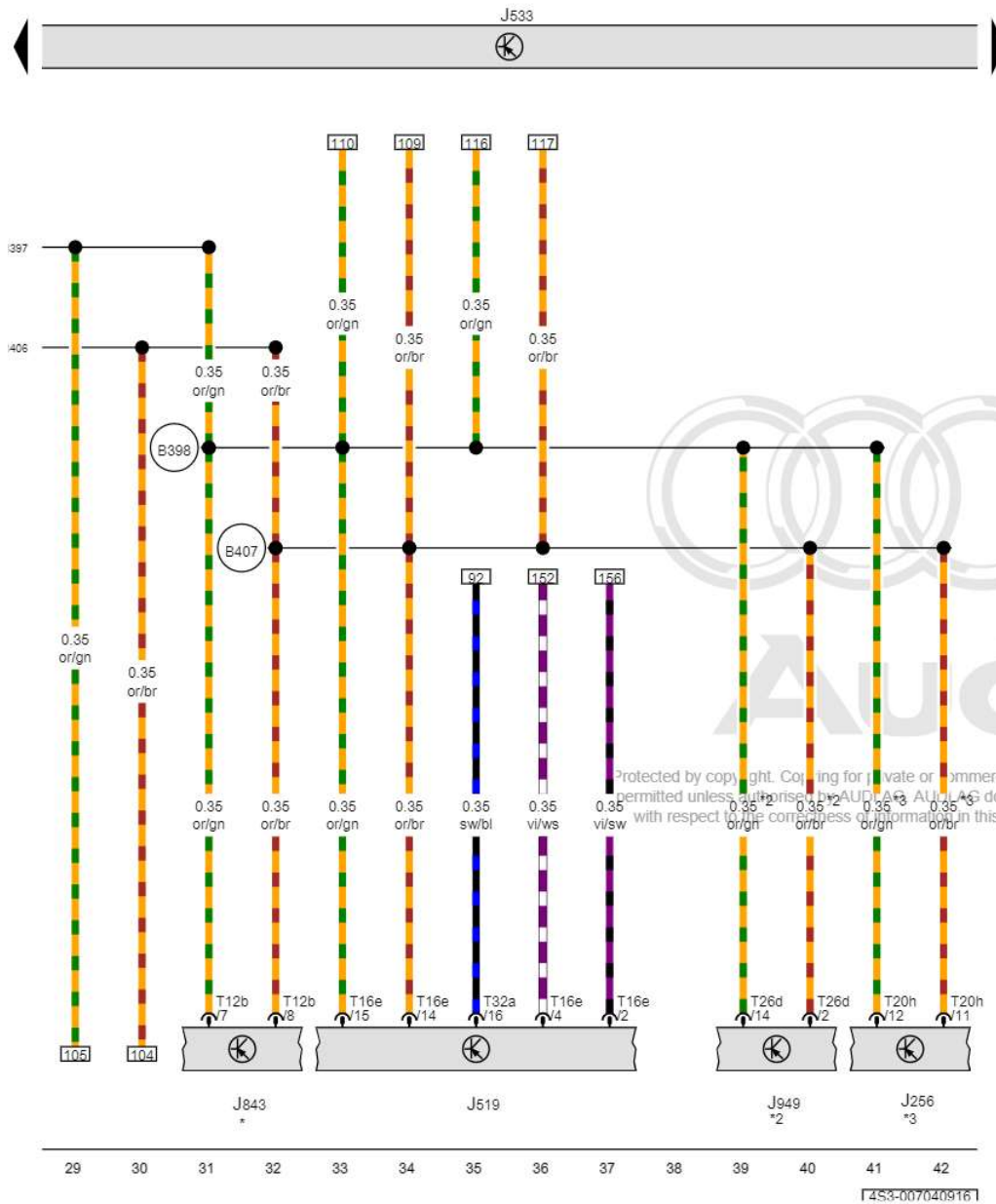
[453-007020916]



Data bus on board diagnostic interface, Powertrain CAN bus high connection 2 (in main wiring harness), Powertrain CAN bus low connection 2 (in main wiring harness)

- E313 Selector lever
- J234 Airbag control module
- J533 Data bus on board diagnostic interface
- T10d 10-pin connector, black
- T32c 32-pin connector, black
- T100a 100-pin connector, yellow
- B384 Powertrain CAN bus high connection 2 (in main wiring harness)
- B391 Powertrain CAN bus low connection 2 (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)

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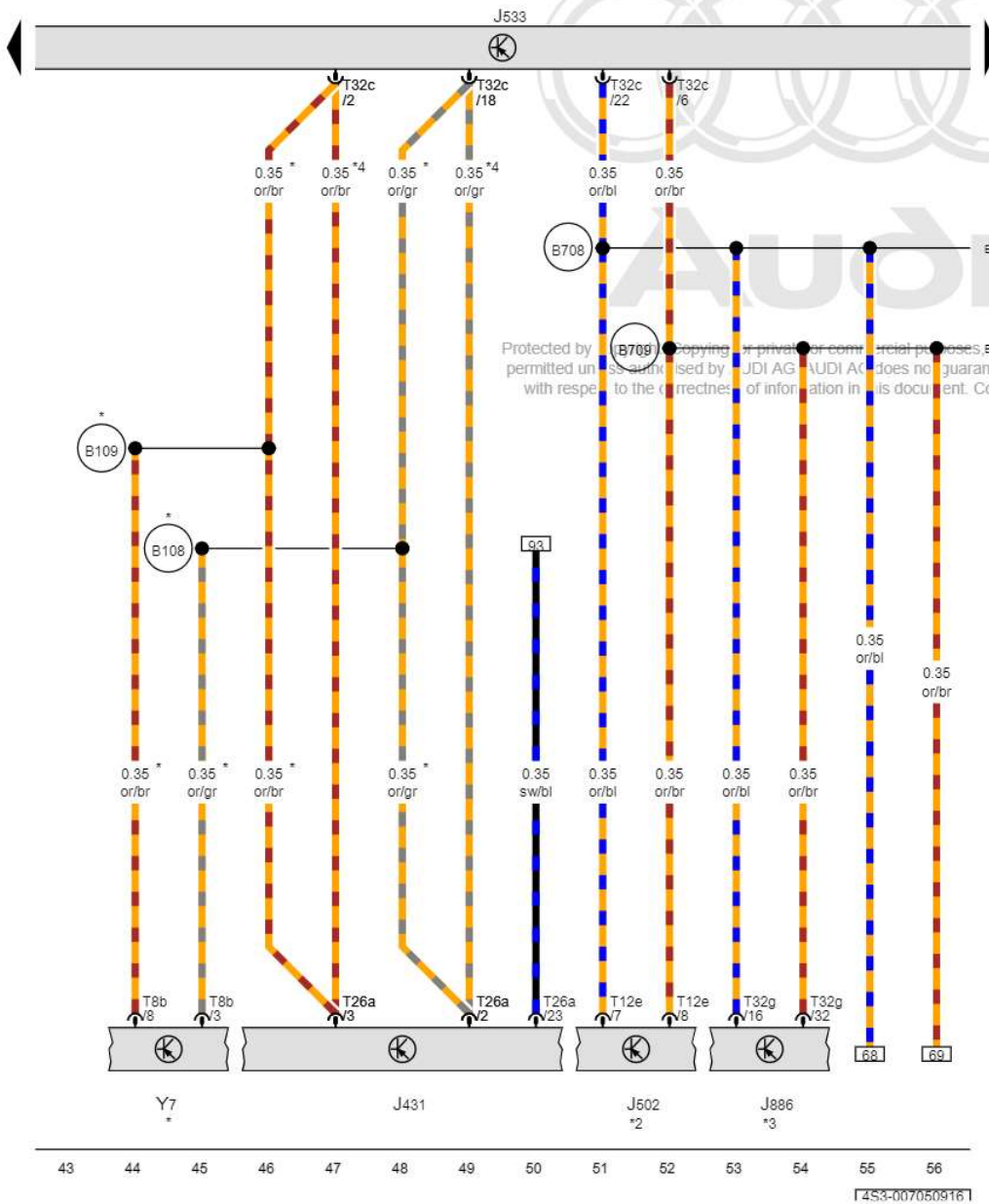
Data bus on board diagnostic interface

- J256 Convertible top control module
- J519 Vehicle electrical system control module
- J533 Data bus on board diagnostic interface
- J843 Vehicle positioning system interface control module
- J949 Control module for emergency call module and communication unit
- T12b 12-pin connector, brown
- T16e 16-pin connector, brown
- T20h 20-pin connector, red
- T26d 26-pin connector, black
- T32a 32-pin connector, black
- B397 Comfort system CAN bus high connection 1 (in main wiring harness)
- B398 Comfort system CAN bus high connection 2 (in main wiring harness)
- B406 Comfort system CAN bus low connection 1 (in main wiring harness)
- B407 Comfort system CAN bus low connection 2 (in main wiring harness)
- \* Only for vehicles with vehicle positioning system
- \*2 Only for vehicles with emergency call module
- \*3 Only for Audi R8 Spyder

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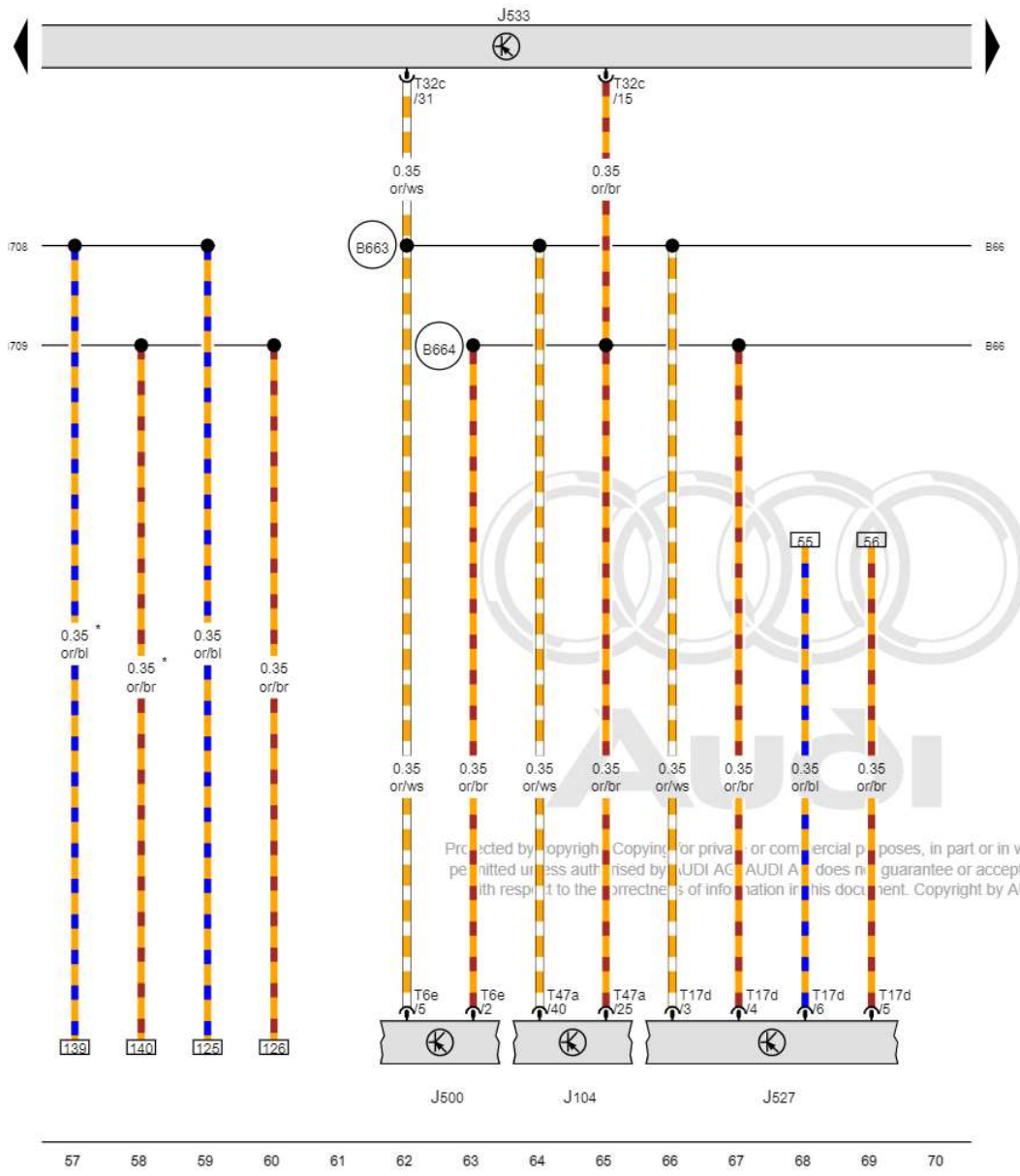
Data bus on board diagnostic interface

- J431 Headlamp range control module
- J502 Tire pressure monitoring control module
- J533 Data bus on board diagnostic interface
- J886 Seat belt microphone control module
- T8b 8-pin connector, black
- T12e 12-pin connector, black
- T26a 26-pin connector, black
- T32c 32-pin connector, black
- T32g 32-pin connector, black
- Y7 Automatic dimming interior rearview mirror

- (B108) CAN bus extended high connection 1 (in main wiring harness)
- (B109) CAN bus extended low connection 1 (in main wiring harness)
- (B708) Instrument cluster CAN bus high connection 1 (in main wiring harness)
- (B709) Instrument cluster CAN bus low connection 1 (in main wiring harness)
- \* Only for vehicles with high beam assist
- \*2 Only for vehicles with tire pressure monitoring
- \*3 Depending on equipment
- \*4 Only for vehicles without high beam assist

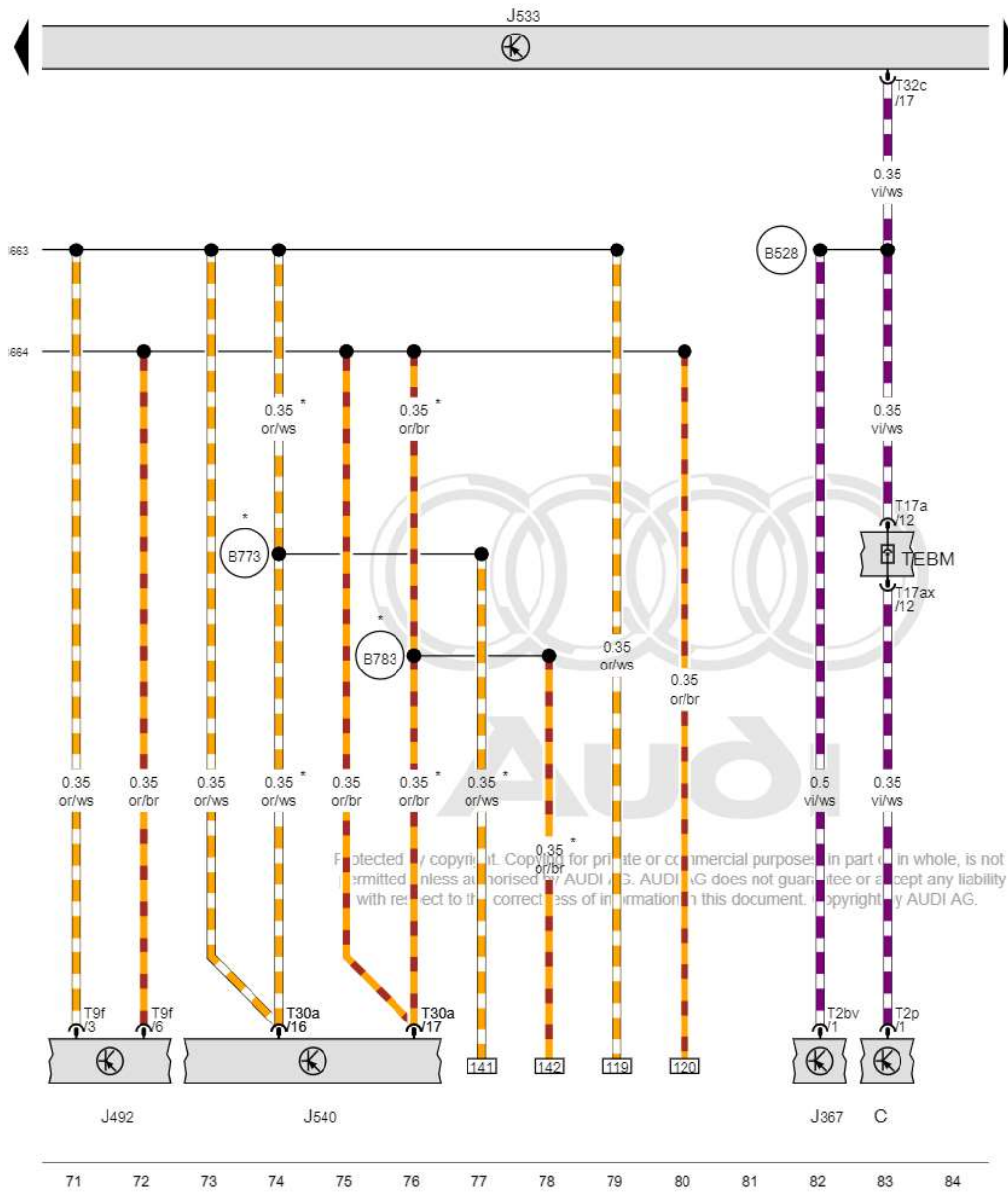
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43 44 45 46 47 48 49 50 51 52 53 54 55 56  
[453-007050918]



Data bus on board diagnostic interface

- J104 ABS control module
- J500 Power steering control module
- J527 Steering column electronics control module
- J533 Data bus on board diagnostic interface
- T6e 6-pin connector, black
- T17d 17-pin connector, yellow
- T32c 32-pin connector, black
- T47a 47-pin connector, black
- B663 Suspension sensor CAN bus high connection (in main wiring harness)
- B664 Suspension sensor CAN bus low connection (in main wiring harness)
- B708 Instrument cluster CAN bus high connection 1 (in main wiring harness)
- B709 Instrument cluster CAN bus low connection 1 (in main wiring harness)
- \* Only for vehicles with a rearview camera system



Data bus on board diagnostic interface

- C Generator
- J367 Battery monitoring control module
- J492 All wheel drive control module
- J533 Data bus on board diagnostic interface
- J540 Electromechanical parking brake control module
- T2bv 2-pin connector, black
- T2p 2-pin connector, black
- T9f 9-pin connector, gray
- T17a 17-pin connector, black
- T17ax 17-pin connector, black
- T30a 30-pin connector, black
- T32c 32-pin connector, black
- TEBM Coupling point in the engine compartment E-box

- (B528) LIN bus connection 1 (in main wiring harness)
- (B663) Suspension sensor CAN bus high connection (in main wiring harness)
- (B664) Suspension sensor CAN bus low connection (in main wiring harness)
- (B773) Suspension sensor CAN bus high connection 2 (in main wiring harness)
- (B783) Suspension sensor CAN bus low connection 2 (in main wiring harness)

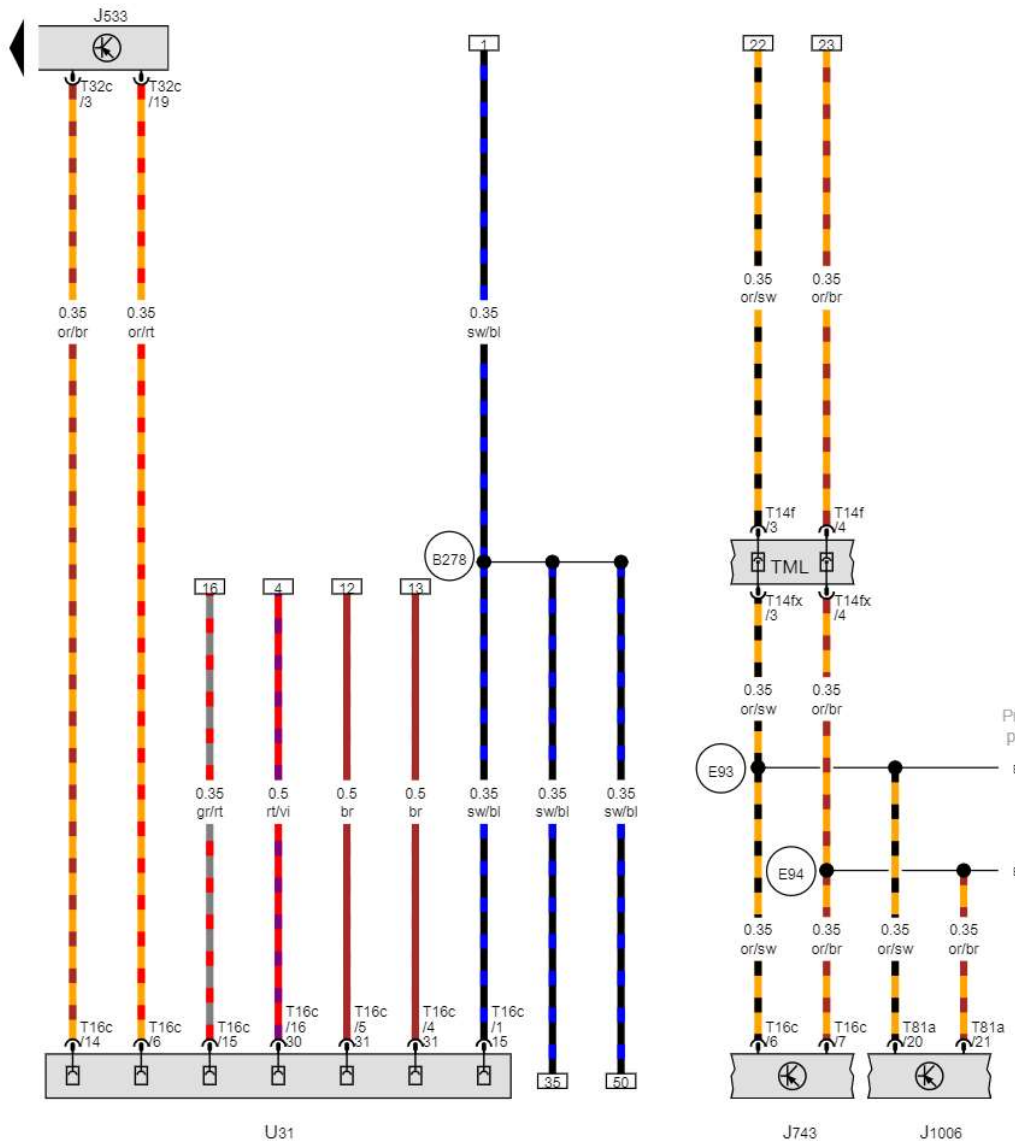
\* Only for vehicles with level control system

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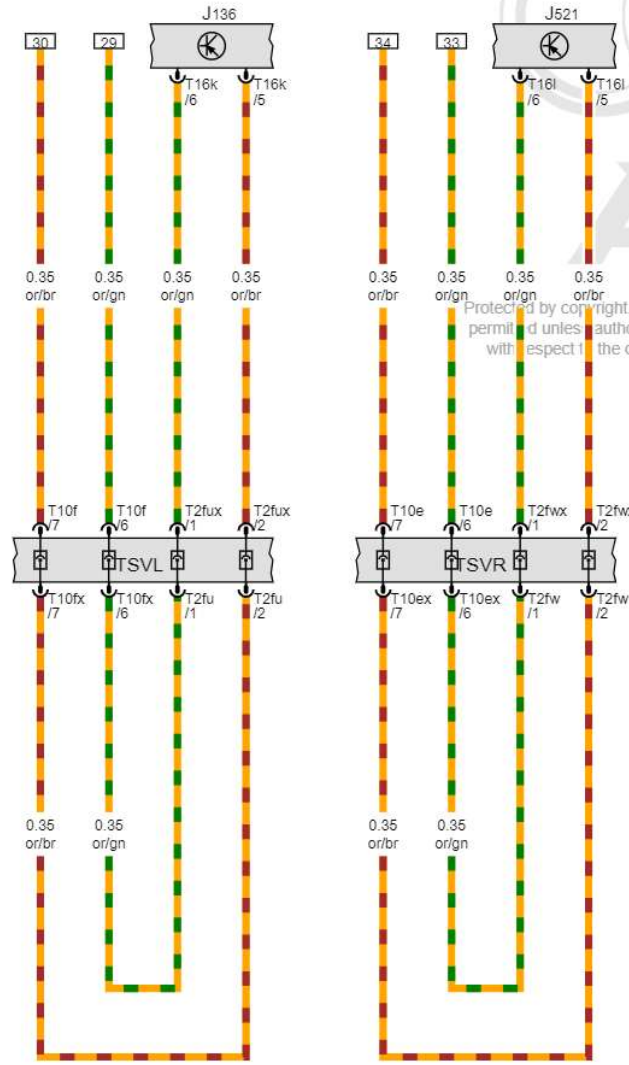
Data bus on board diagnostic interface, Diagnostic connection, CAN bus high connection 1 (in engine wiring harness), CAN bus low connection 1 (in engine wiring harness)

- J533 Data bus on board diagnostic interface
- J743 Dual-clutch transmission Mechatronic
- J1006 Automatic transmission control module 2
- T14f 14-pin connector, black
- T14fx 14-pin connector, black
- T16c 16-pin connector
- T32c 32-pin connector, black
- T81a 81-pin connector, black
- TML Coupling point in engine compartment, left
- U31 Diagnostic connection
- B278 Positive connection 2 (15a) (in main wiring harness)
- E93 CAN bus high connection 1 (in engine wiring harness)
- E94 CAN bus low connection 1 (in engine wiring harness)

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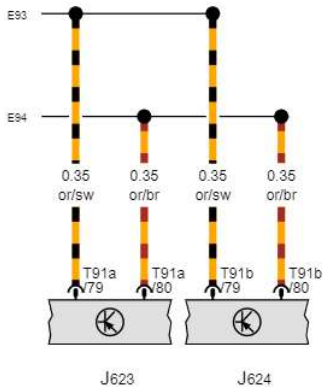
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1253-0070809161



Memory seat/steering column adjustment control module, Front passenger memory seat control module, CAN bus high connection 1 (in engine wiring harness), CAN bus low connection 1 (in engine wiring harness)

- J136 Memory seat/steering column adjustment control module
- J521 Front passenger memory seat control module
- J623 Engine control module
- J624 Engine control module 2
- T2fu 2-pin connector, brown
- T2fux 2-pin connector, brown
- T2fw 2-pin connector, brown
- T2fwx 2-pin connector, brown
- T10e 10-pin connector, red
- T10ex 10-pin connector, red
- T10f 10-pin connector, red
- T10fx 10-pin connector, red
- T16k 16-pin connector, black
- T16l 16-pin connector, black
- T91a 91-pin connector, black
- T91b 91-pin connector, black
- TSVL Left front seat coupling station
- TSVR Right front seat coupling station
- E93 CAN bus high connection 1 (in engine wiring harness)
- E94 CAN bus low connection 1 (in engine wiring harness)



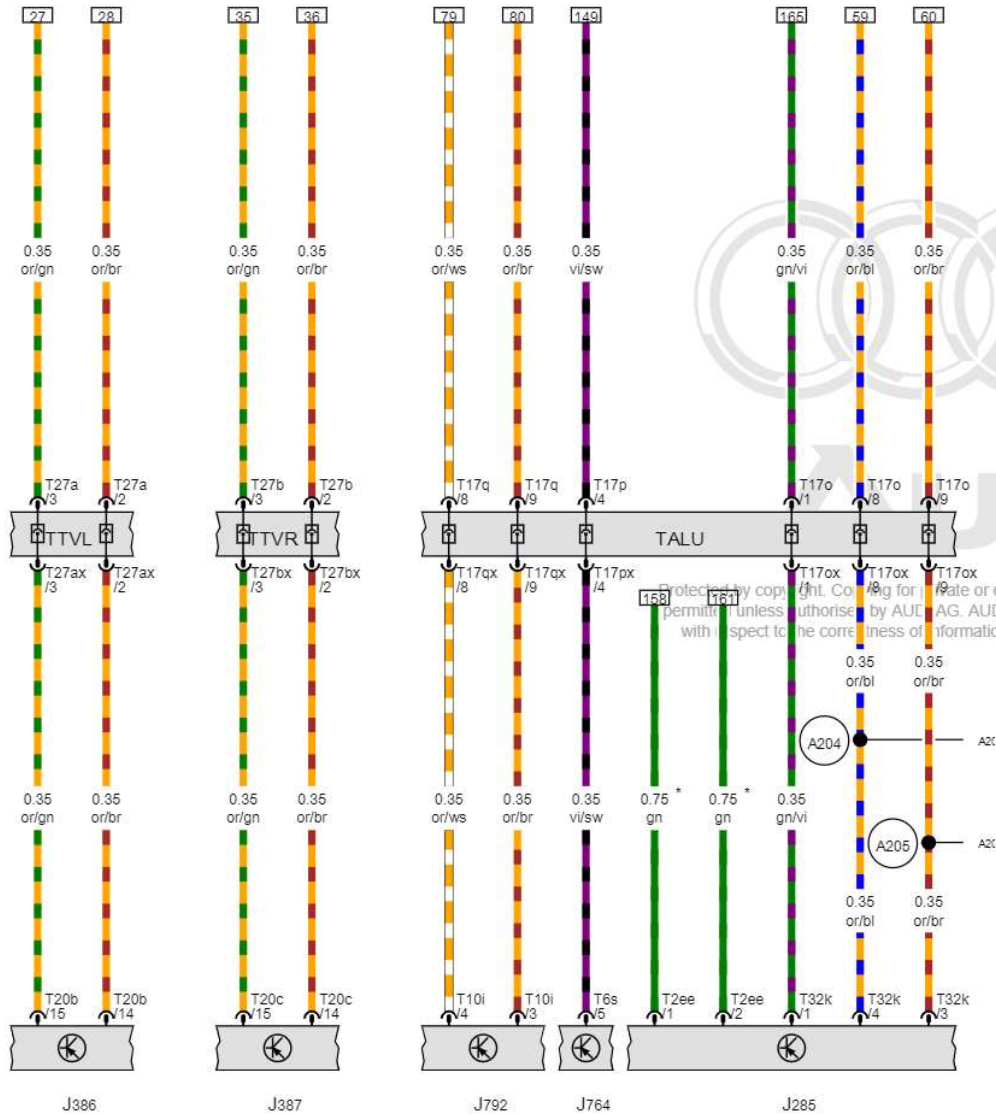
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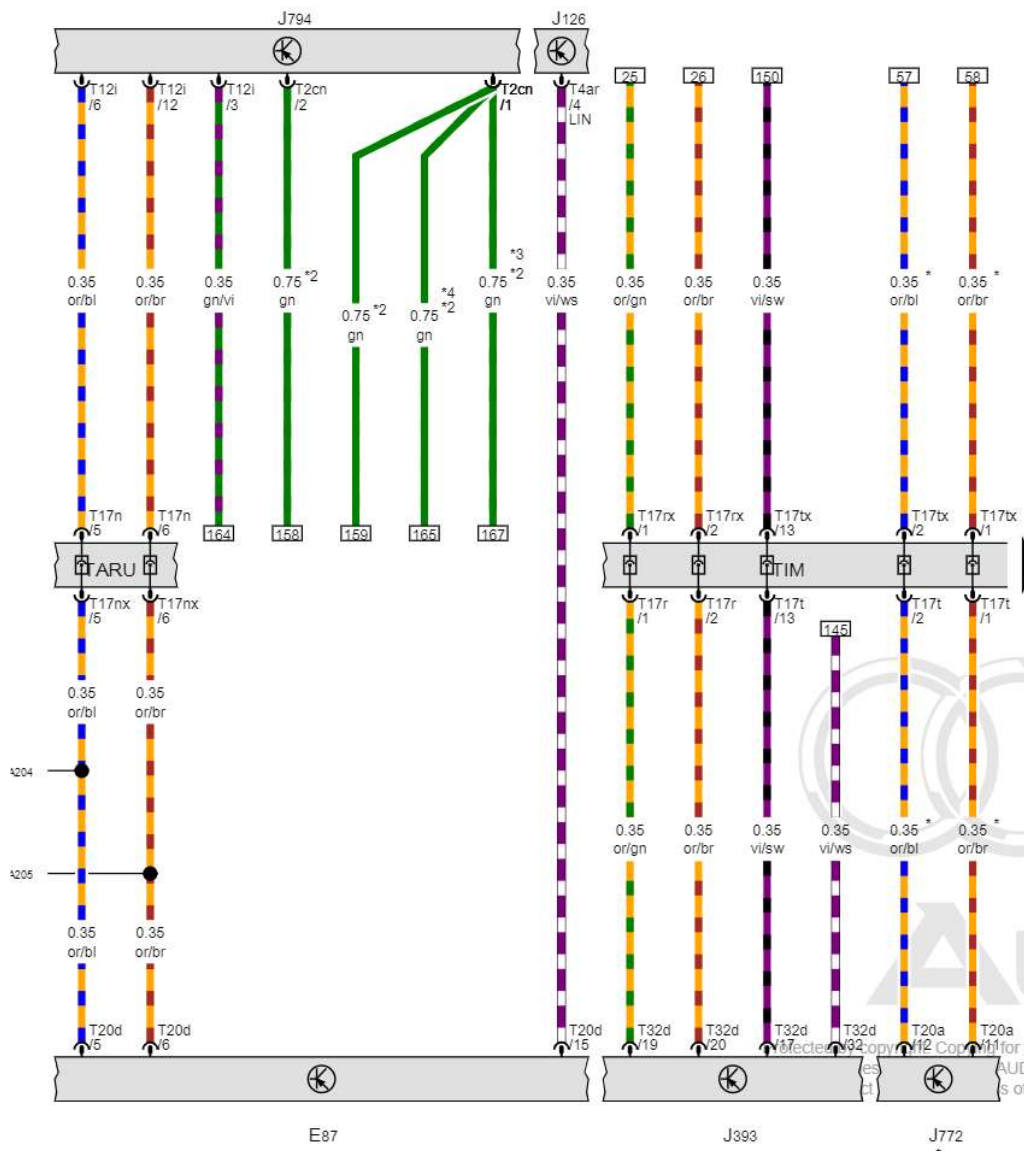
Instrument cluster control module, Driver door control module, Front passenger door control module, Electronic steering column lock control module, Active steering control module

- J285 Instrument cluster control module
- J386 Driver door control module
- J387 Front passenger door control module
- J764 Electronic steering column lock control module
- J792 Active steering control module
- T2ee 2-pin connector, black
- T6s 6-pin connector, black
- T10i 10-pin connector, black
- T17o 17-pin connector, black
- T17ox 17-pin connector, black
- T17p 17-pin connector, brown
- T17px 17-pin connector, brown
- T17q 17-pin connector, red
- T17qx 17-pin connector, red
- T20b 20-pin connector, black
- T20c 20-pin connector, black
- T27a 27-pin connector, black
- T27ax 27-pin connector, black
- T27b 27-pin connector, black
- T27bx 27-pin connector, black
- T32k 32-pin connector, gray
- TALU Coupling point on left A-pillar, bottom
- TTVL Left front door coupling point
- TTVR Right front door coupling point

- A204 Instrument cluster CAN bus high connection (in instrument panel wiring harness)
- A205 Instrument cluster CAN bus low connection (in instrument panel wiring harness)
- \* Fiber optic cable

- 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





Front A/C display control head, Fresh air blower control module, Comfort system central control module, Rearview camera system control module, Information electronics control module 1

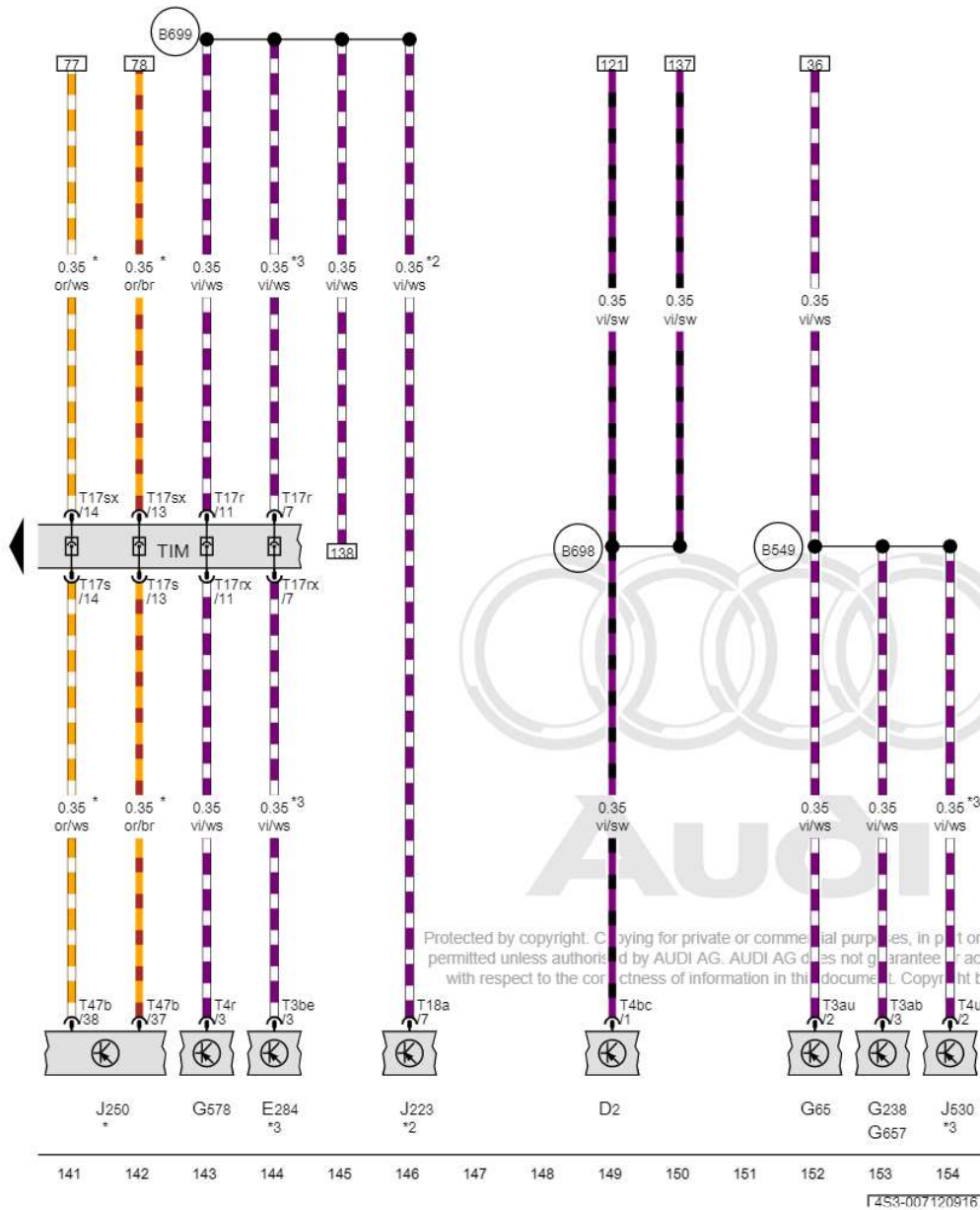
- E87 Front A/C display control head
- J126 Fresh air blower control module
- J393 Comfort system central control module
- J772 Rearview camera system control module
- J794 Information electronics control module 1
- T2cn 2-pin connector, black
- T4ar 4-pin connector, black
- T12i 12-pin connector, gray
- T17n 17-pin connector, red
- T17nx 17-pin connector, red
- T17r 17-pin connector, black
- T17rx 17-pin connector, black
- T17t 17-pin connector, brown
- T17tx 17-pin connector, brown
- T20a 20-pin connector, black
- T20d 20-pin connector, black
- T32d 32-pin connector, black
- TARU Coupling point on right A-pillar, bottom
- TIM Coupling point in interior, center
- A204 Instrument cluster CAN bus high connection (in instrument panel wiring harness)
- A205 Instrument cluster CAN bus low connection (in instrument panel wiring harness)
- \* Only for vehicles with a rearview camera system
- \*2 Fiber optic cable
- \*3 Only for vehicles with Bang & Olufsen sound system
- \*4 Only for vehicles with TV tuner

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 1205

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

1253-0071109161



Electronic damping control module, LIN bus connection 2 (in main wiring harness), LIN bus connection 3 (in main wiring harness), LIN bus connection 4 (in main wiring harness)

- D2 Anti-theft immobilizer reader coil
- E284 Garage door opener control head
- G65 High pressure sensor
- G238 Air quality sensor
- G578 Anti-theft alarm system sensor
- G667 Humidity sensor in fresh air intake duct
- J223 Rear spoiler control module
- J250 Electronic damping control module
- J530 Garage door opener control module
- T3ab 3-pin connector, brown
- T3au 3-pin connector, black
- T3be 3-pin connector, black
- T4bc 4-pin connector, black
- T4r 4-pin connector, black
- T4u 4-pin connector, black
- T17r 17-pin connector, black
- T17rx 17-pin connector, black
- T17s 17-pin connector, red
- T17sx 17-pin connector, red
- T18a 18-pin connector, brown
- T47b 47-pin connector, black
- TIM Coupling point in interior, center

- B549 LIN bus connection 2 (in main wiring harness)
- B698 LIN bus connection 3 (in main wiring harness)
- B699 LIN bus connection 4 (in main wiring harness)

- \* Only for vehicles with level control system
- \*2 Only for vehicles with power rear spoiler
- \*3 Only for vehicles with a garage door opener

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- br = brown
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- bl = blue
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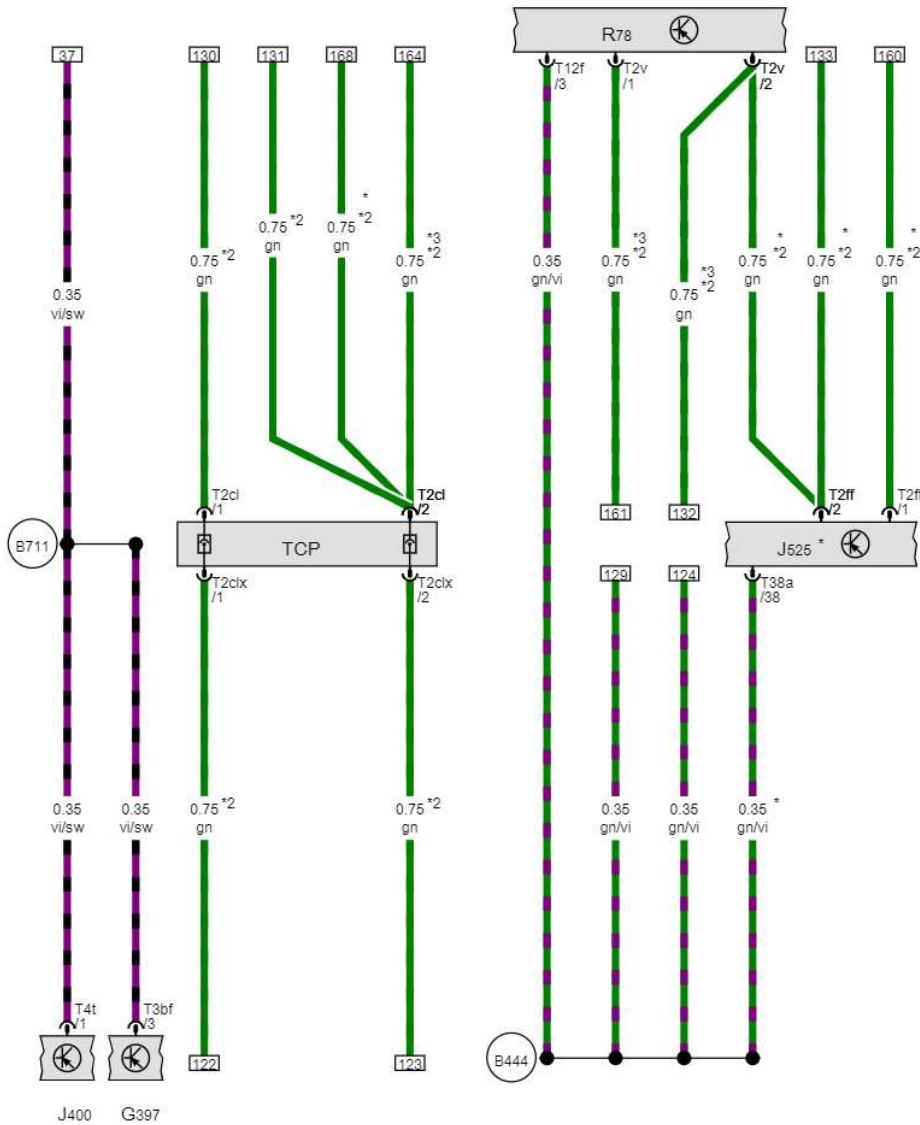
Digital sound system control module, TV tuner, OBD connection 1 (in main wiring harness), LIN bus connection 6 (in main wiring harness)

- G397 Rain/light recognition sensor
- J400 Wiper motor control module
- J525 Digital sound system control module
- R78 TV tuner
- T2cl 2-pin connector, black
- T2clx 2-pin connector, black
- T2ff 2-pin connector, black
- T2v 2-pin connector, black
- T3bf 3-pin connector, black
- T4t 4-pin connector, black
- T12f 12-pin connector, black
- T38a 38-pin connector, black
- TCP Coupling point on instrument panel

(B444) OBD connection 1 (in main wiring harness)

(B711) LIN bus connection 6 (in main wiring harness)

- \* Only for vehicles with Bang & Olufsen sound system
- \*2 Fiber optic cable
- \*3 Only for vehicles with TV tuner



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

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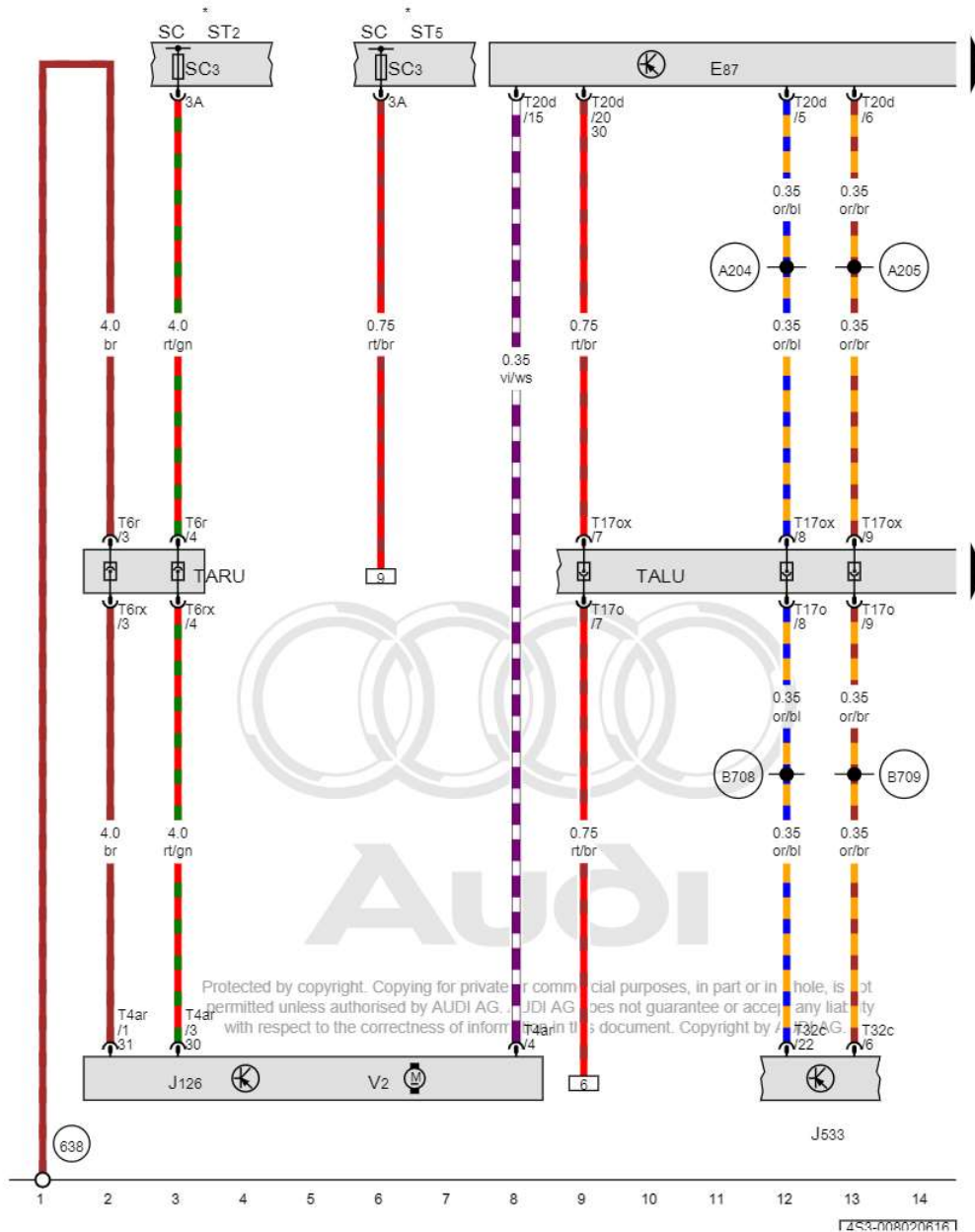
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A/C system , (9AK)  
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Front A/C display control head, Fresh air blower control module, Data bus on board diagnostic interface, Fresh air blower



- E87 Front A/C display control head
- J126 Fresh air blower control module
- J533 Data bus on board diagnostic interface
- SC Fuse panel C
- ST2 Fuse panel 2
- SC3 Fuse 3 (on fuse panel C)
- ST5 Fuse panel 5
- T4ar 4-pin connector, black
- T6r 6-pin connector, green
- T6rx 6-pin connector, green
- T17o 17-pin connector, black
- T17ox 17-pin connector, black
- T20d 20-pin connector, black
- T32c 32-pin connector, black
- TALU Coupling point on left A-pillar, bottom
- TARU Coupling point on right A-pillar, bottom
- V2 Fresh air blower

- 638 Ground connection on right A-pillar
- A204 Instrument cluster CAN bus high connection (in instrument panel wiring harness)
- A205 Instrument cluster CAN bus low connection (in instrument panel wiring harness)
- B708 Instrument cluster CAN bus high connection 1 (in main wiring harness)
- B709 Instrument cluster CAN bus low connection 1 (in main wiring harness)

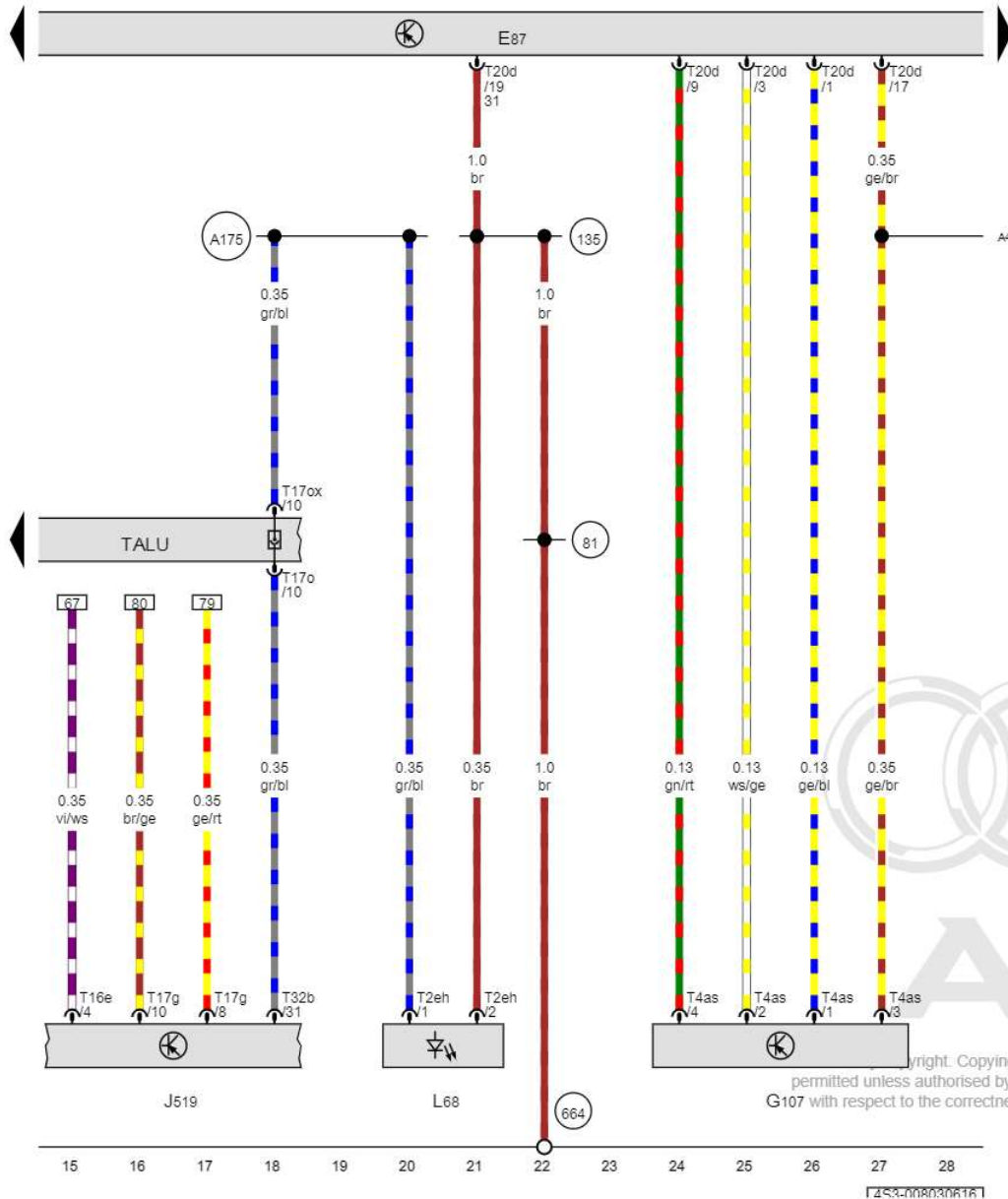
\* Refer to applicable wiring diagram for fuse positions

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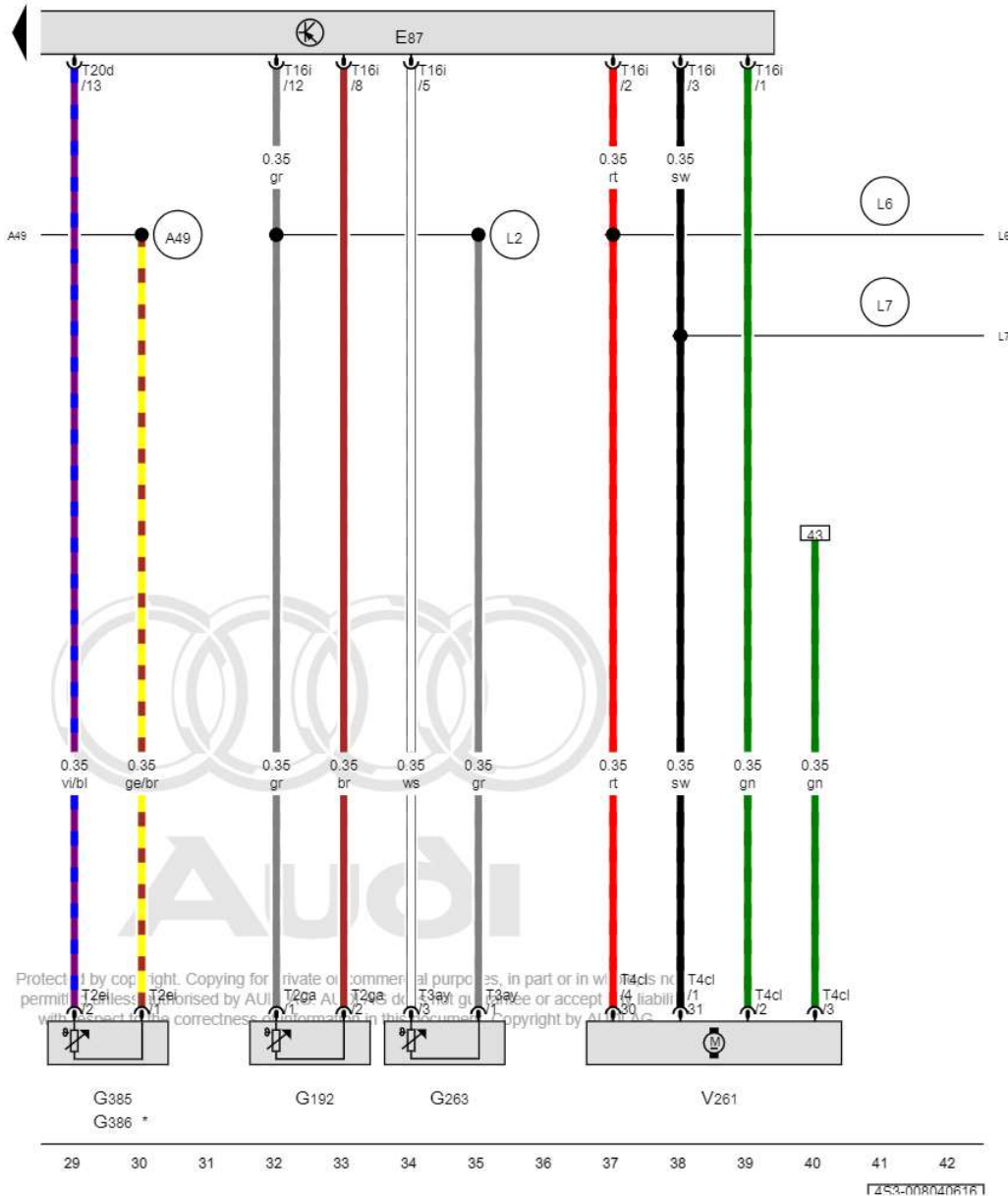
Front A/C display control head, Sunlight photo sensor, Vehicle electrical system control module, Center instrument panel vent illumination bulb



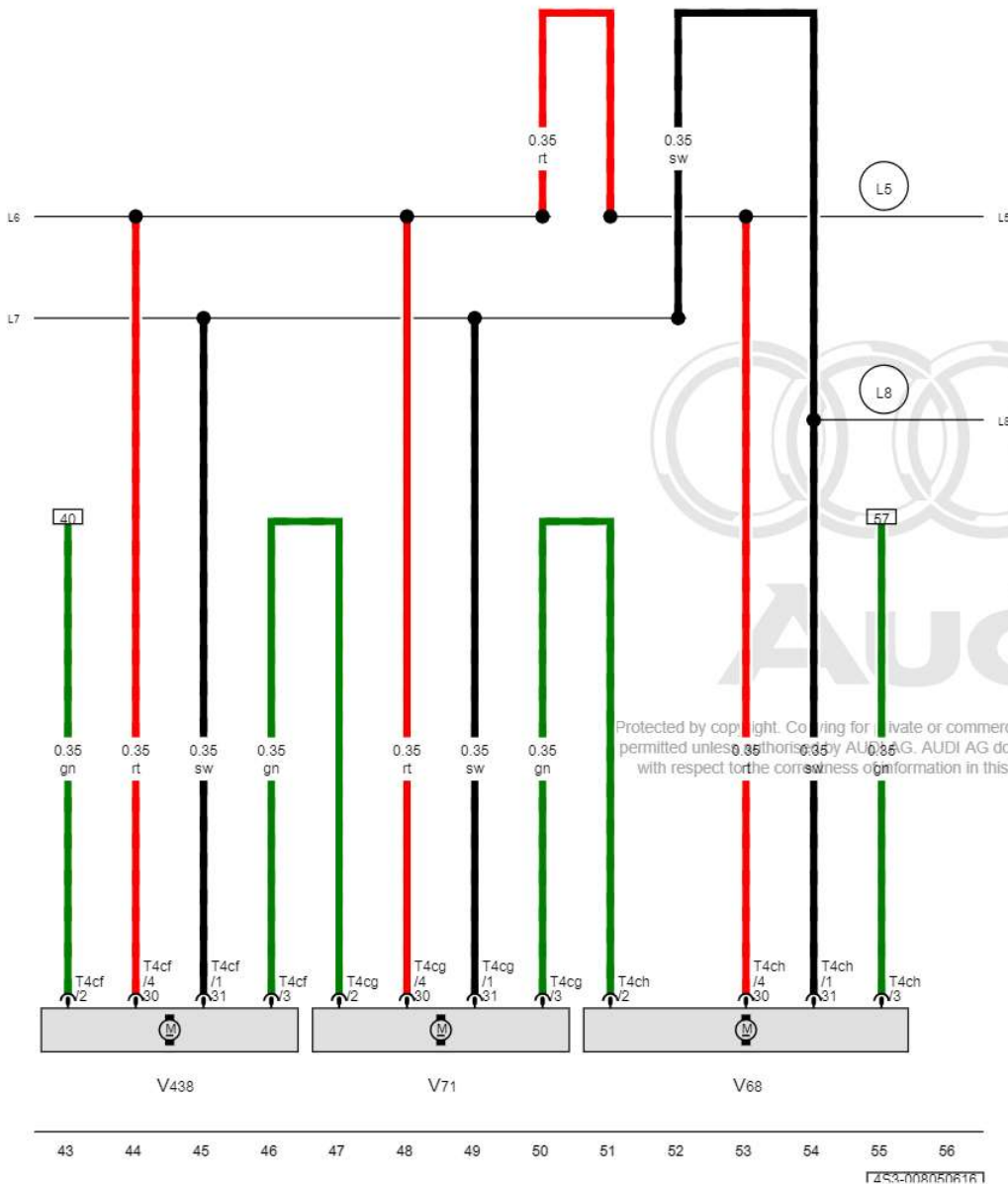
- E87 Front A/C display control head
- G107 Sunlight photo sensor
- J519 Vehicle electrical system control module
- L68 Center instrument panel vent illumination bulb
- T2eh 2-pin connector, black
- T4as 4-pin connector, black
- T16e 16-pin connector, brown
- T17g 17-pin connector, black
- T17o 17-pin connector, black
- T17ox 17-pin connector, black
- T20d 20-pin connector, black
- T32b 32-pin connector, gray
- TALU Coupling point on left A-pillar, bottom
- 81 Ground connection 1 (in instrument panel wiring harness)
- 135 Ground connection 2 (in instrument panel wiring harness)
- 664 Ground connection behind instrument panel, left
- A49 Connection 1 (in instrument panel wiring harness)
- A175 Connection 58s (in instrument panel wiring harness)

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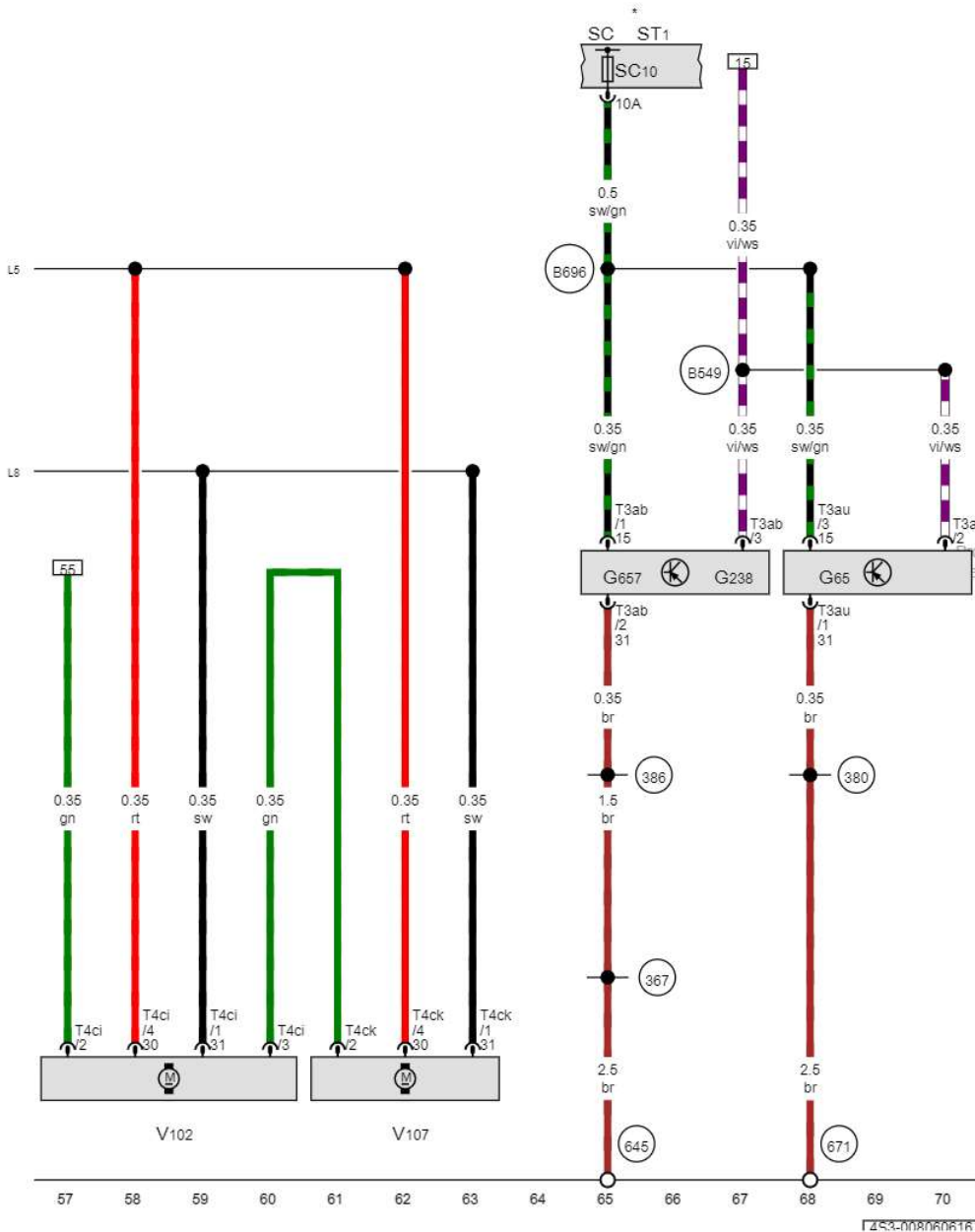


Temperature control door motor, Back pressure door motor, Fresh air door motor



- T4cf 4-pin connector
- T4cg 4-pin connector
- T4ch 4-pin connector
- V68 Temperature control door motor
- V71 Back pressure door motor
- V438 Fresh air door motor
- (L5) Connection 1 (in A/C unit wiring harness)
- (L6) Connection 2 (in A/C unit wiring harness)
- (L7) Connection 3 (in A/C unit wiring harness)
- (L8) Connection 4 (in A/C unit wiring harness)

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High pressure sensor, Air quality sensor, Humidity sensor in fresh air intake duct, Center vent adjustment motor, Defroster door motor

- G65 High pressure sensor
- G238 Air quality sensor
- G657 Humidity sensor in fresh air intake duct
- SC Fuse panel C
- ST1 Fuse panel 1
- SC10 Fuse 10 (on fuse panel C)
- T3ab 3-pin connector, brown
- T3au 3-pin connector, black
- T4ci 4-pin connector
- T4ck 4-pin connector
- V102 Center vent adjustment motor
- V107 Defroster door motor

- 367 Ground connection 2 (in main wiring harness)
- 380 Ground connection 15 (in main wiring harness)
- 386 Ground connection 21 (in main wiring harness)
- 645 Ground connection 1 on bulkhead
- 671 Ground connection 1 on left front longitudinal member
- B549 LIN bus connection 2 (in main wiring harness)
- B696 A/C system connection 1 (in main wiring harness)
- L5 Connection 1 (in A/C unit wiring harness)
- L8 Connection 4 (in A/C unit wiring harness)

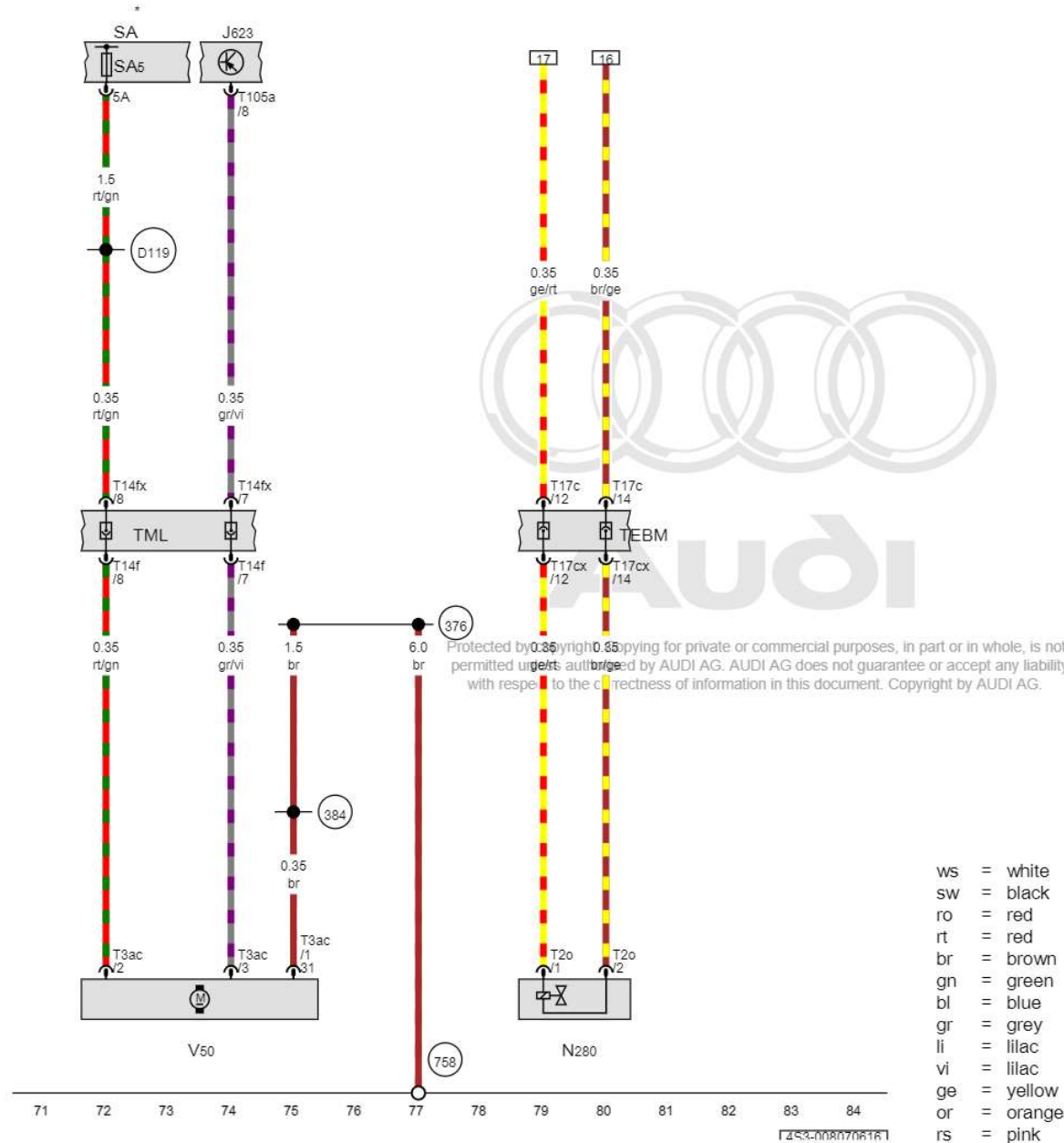
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\* Refer to applicable wiring diagram for fuse positions

A/C compressor regulator valve, Coolant recirculation pump

- J623 Engine control module
- N280 A/C compressor regulator valve
- SA Fuse panel A
- SA5 Fuse 5 (on fuse panel A)
- T2o 2-pin connector, black
- T3ac 3-pin connector, black
- T14f 14-pin connector, black
- T14fx 14-pin connector, black
- T17c 17-pin connector, red
- T17cx 17-pin connector, red
- T105a 105-pin connector, black
- TEBM Coupling point in the engine compartment E-box
- TML Coupling point in engine compartment, left
- V50 Coolant recirculation pump

- 376 Ground connection 11 (in main wiring harness)
- 384 Ground connection 19 (in main wiring harness)
- 758 Ground connection 3 on center tunnel
- D119 Connection 17 (in engine compartment wiring harness)
- \* Refer to applicable wiring diagram for fuse positions



Special functions interface , (7G9)  
from September 2015

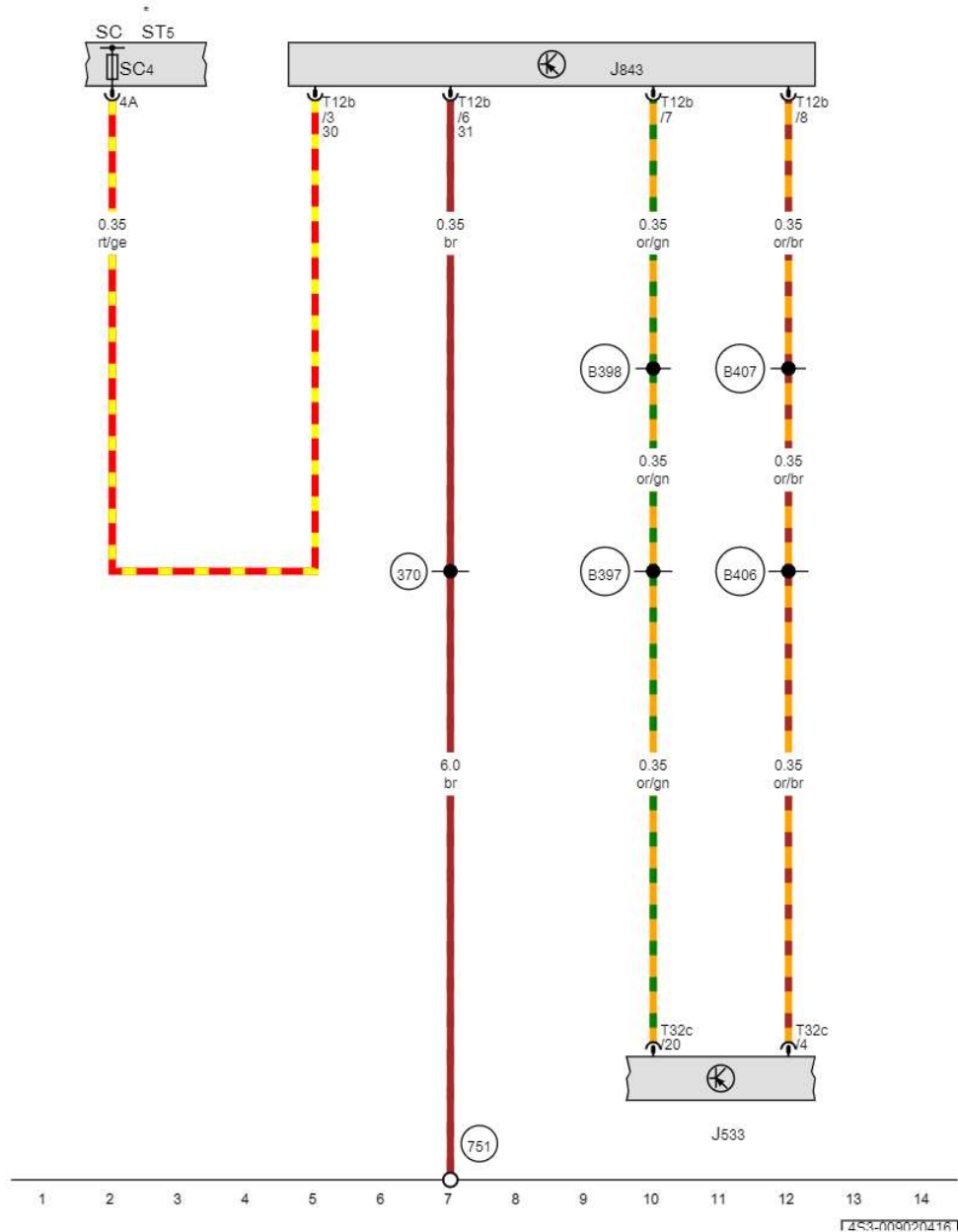


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Vehicle positioning system interface control module

- J533 Data bus on board diagnostic interface
- J843 Vehicle positioning system interface control module
- SC Fuse panel C
- SC4 Fuse 4 (on fuse panel C)
- ST5 Fuse panel 5
- T12b 12-pin connector, brown
- T32c 32-pin connector, black

- 370 Ground connection 5 (in main wiring harness)
- 751 Ground connection 2 on right A-pillar
- B397 Comfort system CAN bus high connection 1 (in main wiring harness)
- B398 Comfort system CAN bus high connection 2 (in main wiring harness)
- B406 Comfort system CAN bus low connection 1 (in main wiring harness)
- B407 Comfort system CAN bus low connection 2 (in main wiring harness)
- \* Refer to applicable wiring diagram for fuse positions



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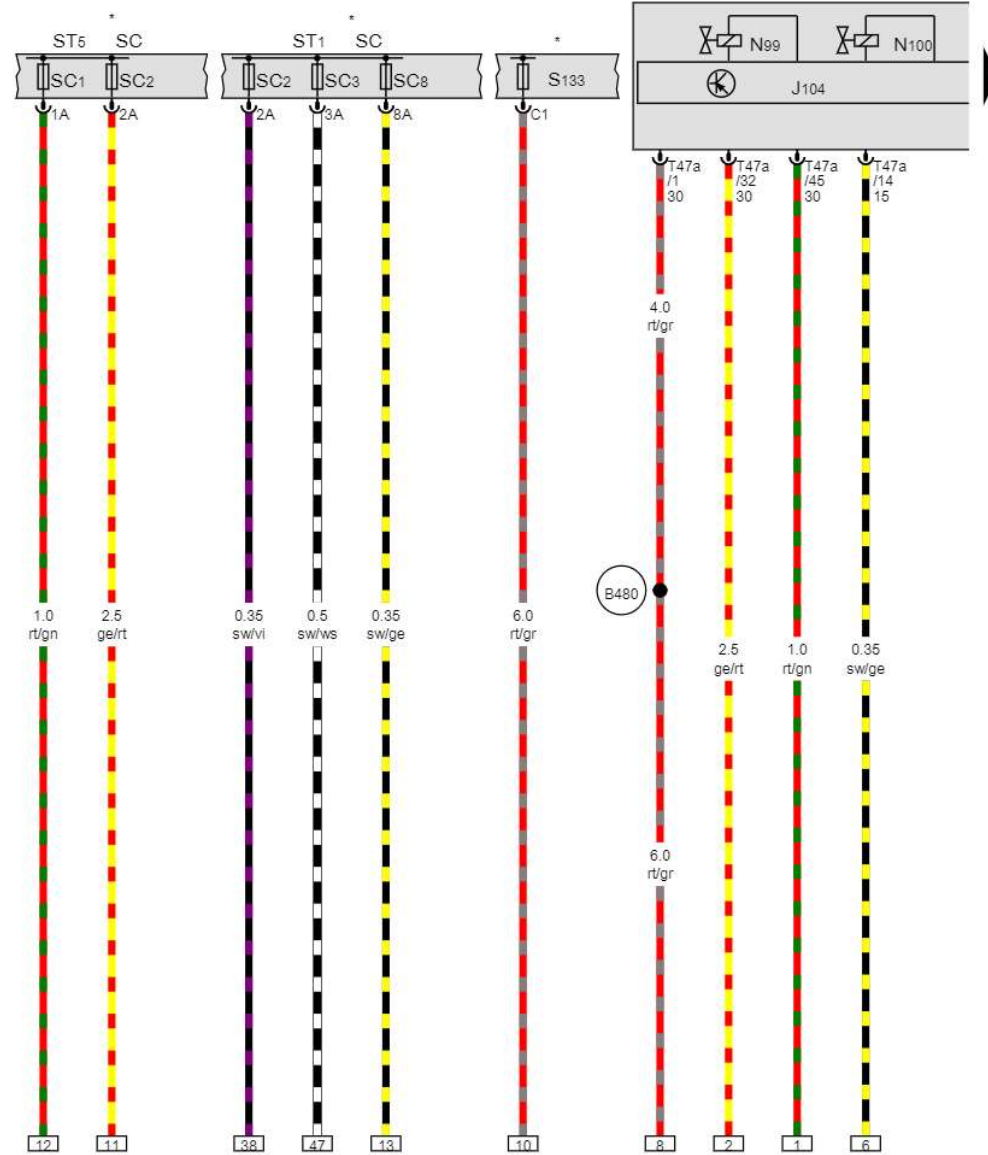
Anti-Lock Brake System (ABS)  
from September 2015



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ABS control module

- J104 ABS control module
- N99 Right front ABS inlet valve
- N100 Right front ABS outlet valve
- SC Fuse panel C
- SC1 Fuse 1 (on fuse panel C)
- ST1 Fuse panel 1
- SC2 Fuse 2 (on fuse panel C)
- SC3 Fuse 3 (on fuse panel C)
- ST5 Fuse panel 5
- SC8 Fuse 8 (on fuse panel C)
- S133 Safety fuse 3
- T47a 47-pin connector, black

(B480) Connection 16 (in main wiring harness)

\* Refer to applicable wiring diagram for fuse positions

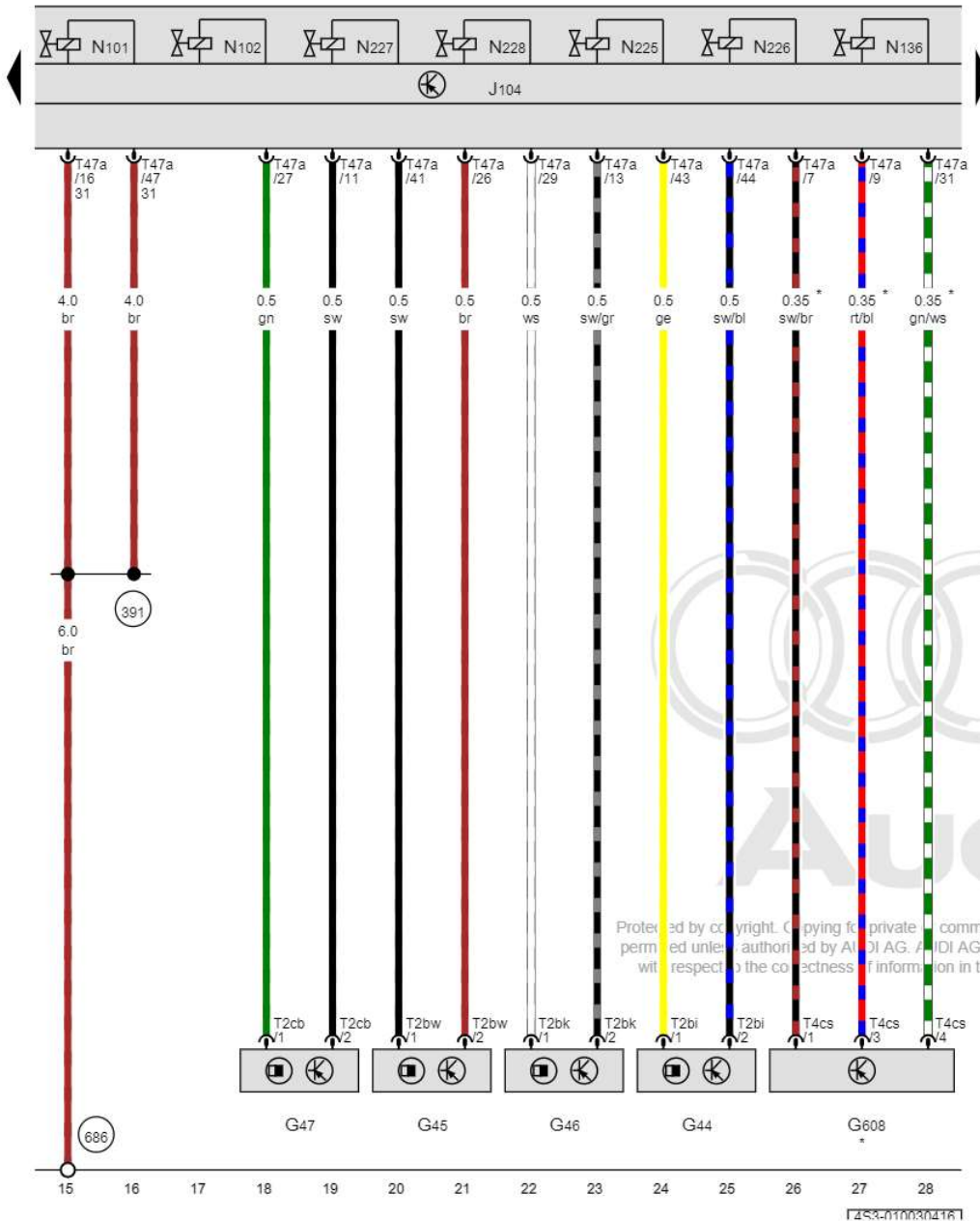


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1 2 3 4 5 6 7 8 9 10 11 12 13 14

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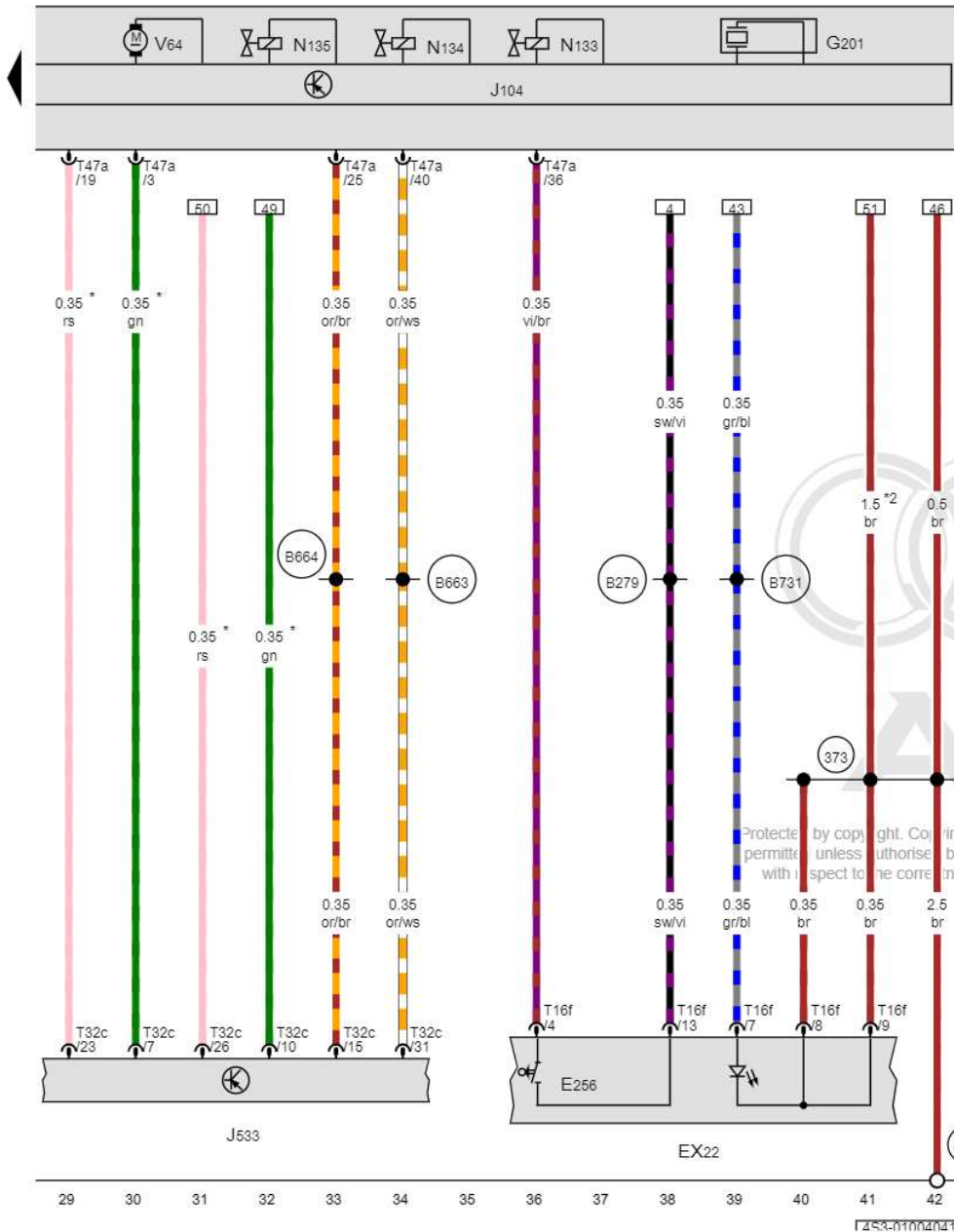
Right rear ABS wheel speed sensor, Right front ABS wheel speed sensor, Left rear ABS wheel speed sensor, Left front ABS wheel speed sensor, Vacuum sensor, ABS control module, Left front ABS inlet valve

- G44 Right rear ABS wheel speed sensor
- G45 Right front ABS wheel speed sensor
- G46 Left rear ABS wheel speed sensor
- G47 Left front ABS wheel speed sensor
- G608 Vacuum sensor
- J104 ABS control module
- N101 Left front ABS inlet valve
- N102 Left front ABS outlet valve
- N136 Left rear ABS outlet valve
- N225 Driving dynamics regulation switch valve 1
- N226 Driving dynamics regulation switch valve 2
- N227 Driving dynamics regulation high pressure switch valve 1
- N228 Driving dynamics regulation high pressure switch valve 2
- T2bi 2-pin connector, black
- T2bk 2-pin connector, black
- T2bw 2-pin connector, black
- T2cb 2-pin connector, black
- T4cs 4-pin connector, black
- T47a 47-pin connector, black

- 391 Ground connection 26 (in main wiring harness)
- 686 Ground connection 2 on right front longitudinal member
- \* Only for vehicles with Start/Stop system

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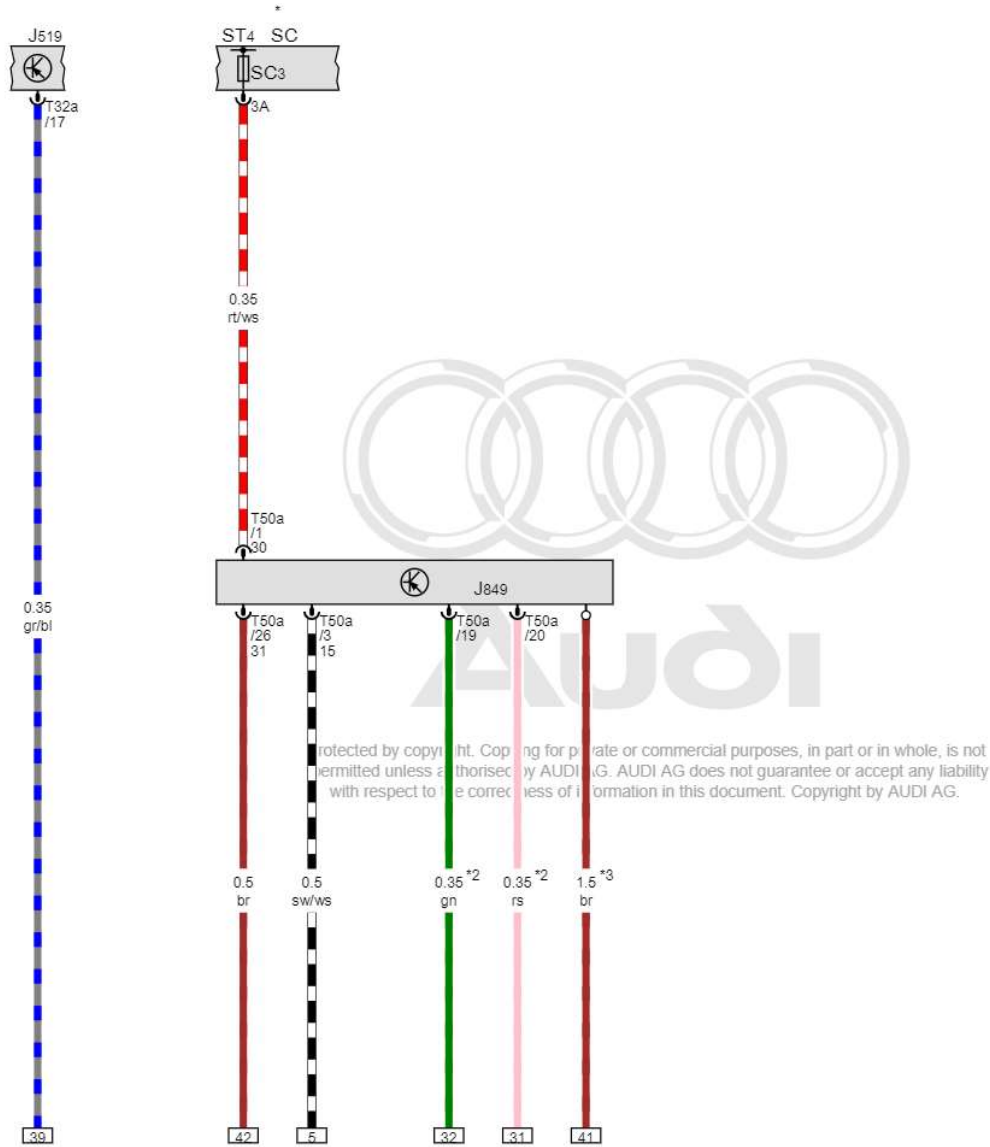
ASR/ESP button, ABS control module, Data bus on board diagnostic interface, Right rear ABS outlet valve, ABS hydraulic pump

- EX22 Switch module in instrument panel, center
  - E256 ASR/ESP button
  - G201 Brake pressure sensor 1
  - J104 ABS control module
  - J533 Data bus on board diagnostic interface
  - N133 Right rear ABS inlet valve
  - N134 Left rear ABS inlet valve
  - N135 Right rear ABS outlet valve
  - T16f 16-pin connector
  - T32c 32-pin connector, black
  - T47a 47-pin connector, black
  - V64 ABS hydraulic pump
- 373 Ground connection 8 (in main wiring harness)
  - 687 Ground connection 1 on center tunnel
  - B279 Positive connection 3 (15a) (in main wiring harness)
  - B663 Suspension sensor CAN bus high connection (in main wiring harness)
  - B664 Suspension sensor CAN bus low connection (in main wiring harness)
  - B731 Connection 58s (in main wiring harness) 1
  - \* Data bus wire (FlexRay bus)
  - \*2 Ground supply via the housing

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Sensor electronics control module

- J519 Vehicle electrical system control module
- J849 Sensor electronics control module
- SC Fuse panel C
- SC3 Fuse 3 (on fuse panel C)
- ST4 Fuse panel 4
- T32a 32-pin connector, black
- T50a 50-pin connector, yellow
- \* Refer to applicable wiring diagram for fuse positions
- \*2 Data bus wire (FlexRay bus)
- \*3 Ground supply via the housing



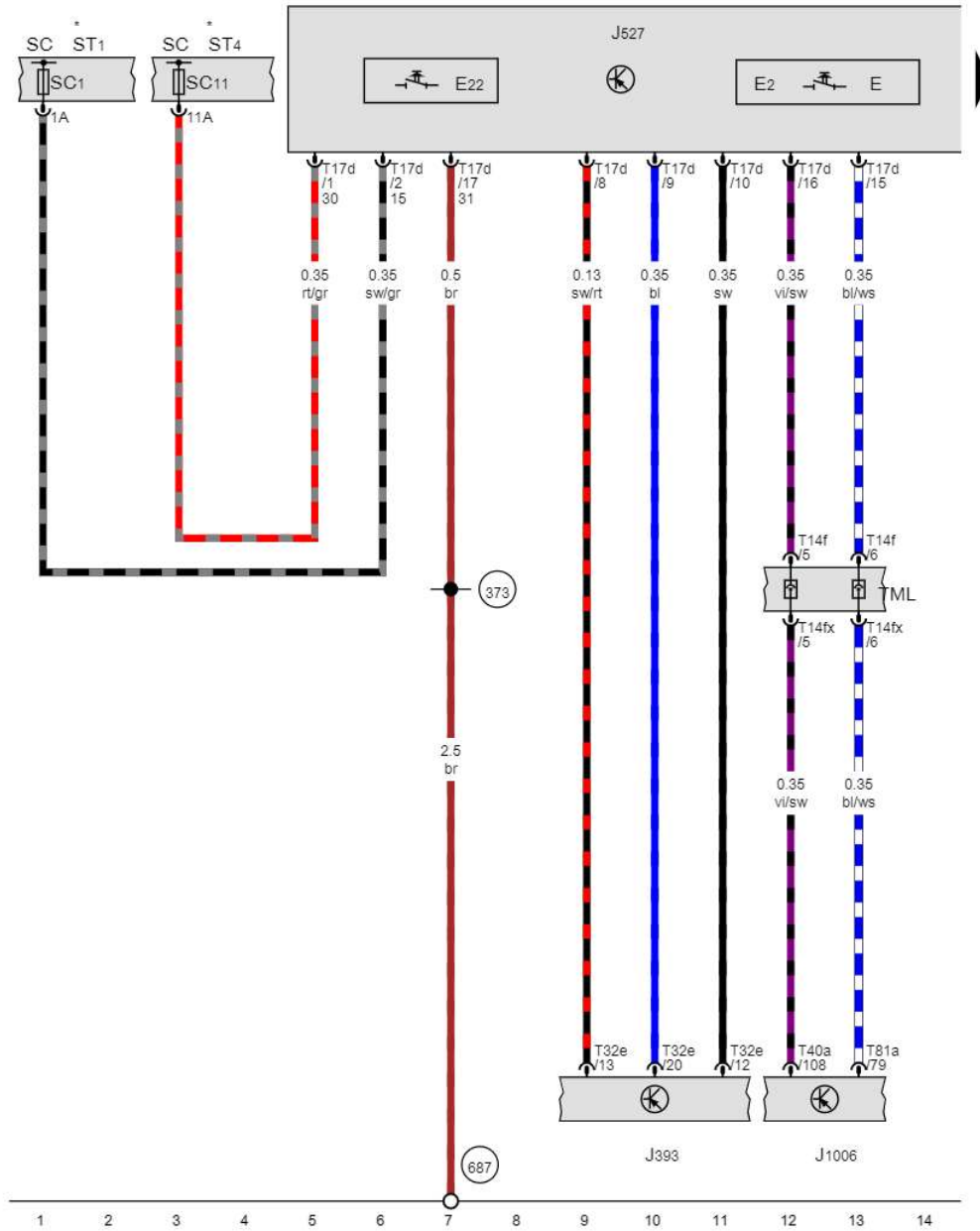
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Multifunction steering wheel  
from September 2015



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Windshield wiper switch, Turn signal switch, Windshield wiper intermittent mode switch, Steering column electronics control module

- E Windshield wiper switch
- E2 Turn signal switch
- E22 Windshield wiper intermittent mode switch
- J393 Comfort system central control module
- J527 Steering column electronics control module
- J1006 Automatic transmission control module 2
- SC Fuse panel C
- SC1 Fuse 1 (on fuse panel C)
- ST1 Fuse panel 1
- ST4 Fuse panel 4
- SC11 Fuse 11 (on fuse panel C)
- T14f 14-pin connector, black
- T14fx 14-pin connector, black
- T17d 17-pin connector, yellow
- T32e 32-pin connector, gray
- T40a 40-pin connector, black
- T81a 81-pin connector, black
- TML Coupling point in engine compartment, left
- 373 Ground connection 8 (in main wiring harness)
- 687 Ground connection 1 on center tunnel
- \* Refer to applicable wiring diagram for fuse positions

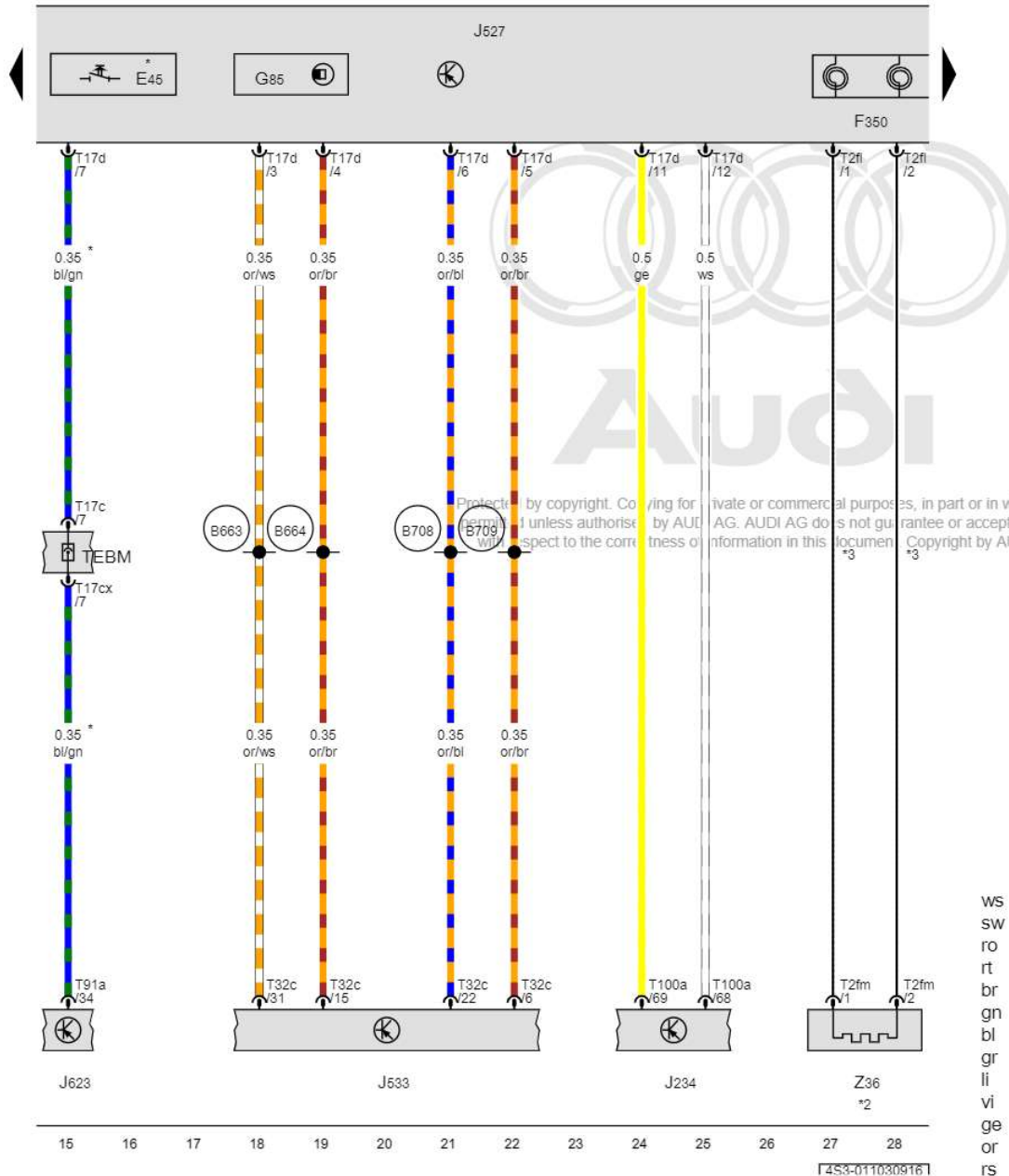
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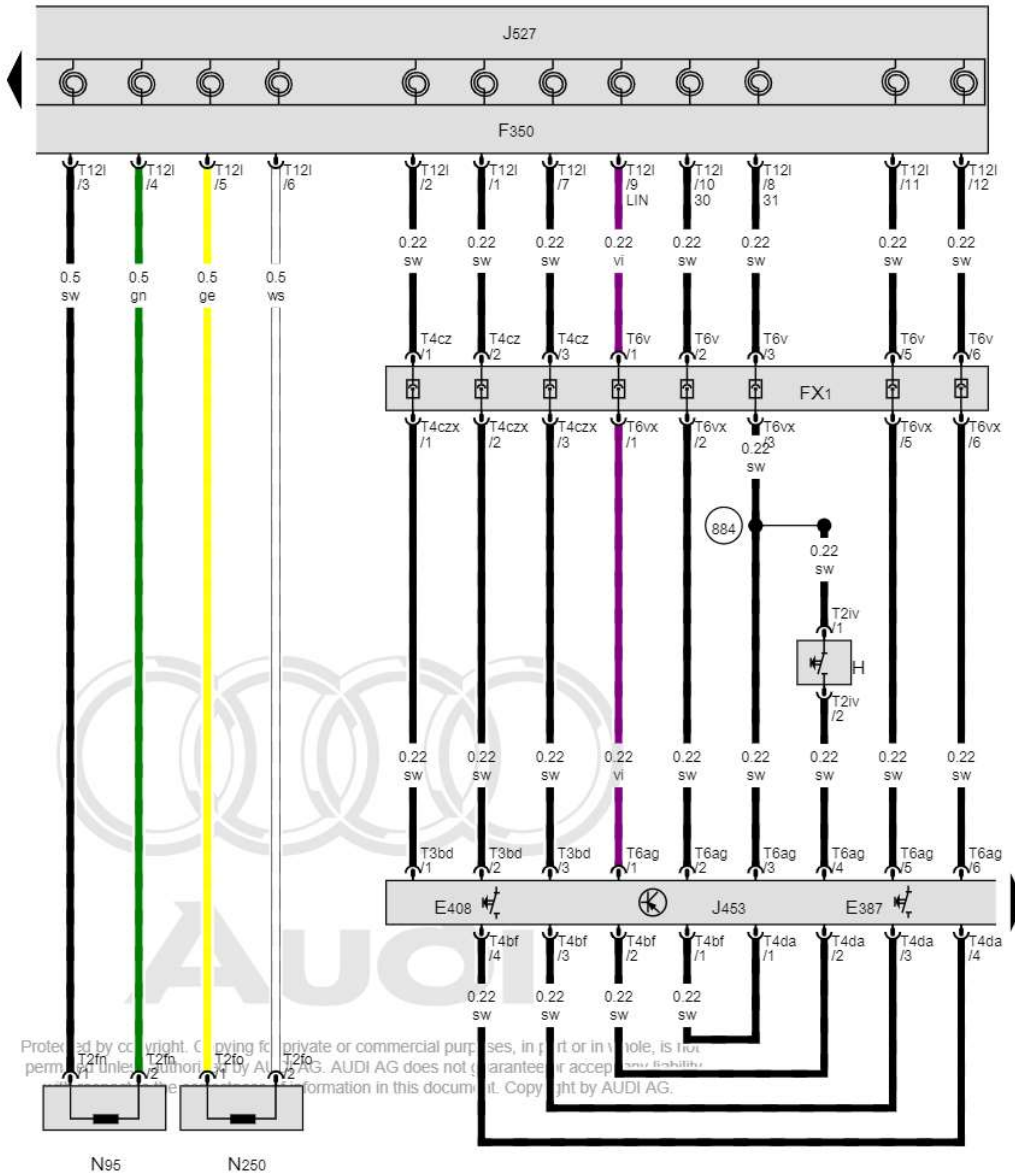
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[453-011020918]

Cruise control switch, Steering column electronics control module, Heated steering wheel



- E45 Cruise control switch
- F350 Spiral spring
- G85 Steering angle sensor
- J234 Airbag control module
- J527 Steering column electronics control module
- J533 Data bus on board diagnostic interface
- J623 Engine control module
- T2fl 2-pin connector
- T2fm 2-pin connector
- T17c 17-pin connector, red
- T17cx 17-pin connector, red
- T17d 17-pin connector, yellow
- T32c 32-pin connector, black
- T91a 91-pin connector, black
- T100a 100-pin connector, yellow
- TEBM Coupling point in the engine compartment E-box
- Z36 Heated steering wheel
- B663 Suspension sensor CAN bus high connection (in main wiring harness)
- B664 Suspension sensor CAN bus low connection (in main wiring harness)
- B708 Instrument cluster CAN bus high connection 1 (in main wiring harness)
- B709 Instrument cluster CAN bus low connection 1 (in main wiring harness)
- \* Only for vehicles with cruise control
- \*2 Only for vehicles with a heated steering wheel
- \*3 Adapter cable



Signal horn activation, Multifunction steering wheel control module, Steering column electronics control module

- E387 Damping adjustment button, on the steering wheel
- E408 Access/start authorization button, on the steering wheel
- FX1 Steering Wheel
- F350 Spiral spring
- H Signal horn activation
- J453 Multifunction steering wheel control module, in the steering wheel
- J527 Steering column electronics control module
- N95 Driver airbag igniter
- N250 Driver airbag igniter 2
- T2fn 2-pin connector
- T2fo 2-pin connector
- T2iv 2-pin connector, black
- T3bd 3-pin connector, black
- T4bf 4-pin connector, black
- T4cz 4-pin connector, black
- T4czx 4-pin connector, black
- T4da 4-pin connector, black
- T6ag 6-pin connector, black
- T6v 6-pin connector, black
- T6vx 6-pin connector, black
- T12l 12-pin connector, yellow

884 Ground connection 1 (in steering wheel wiring harness)

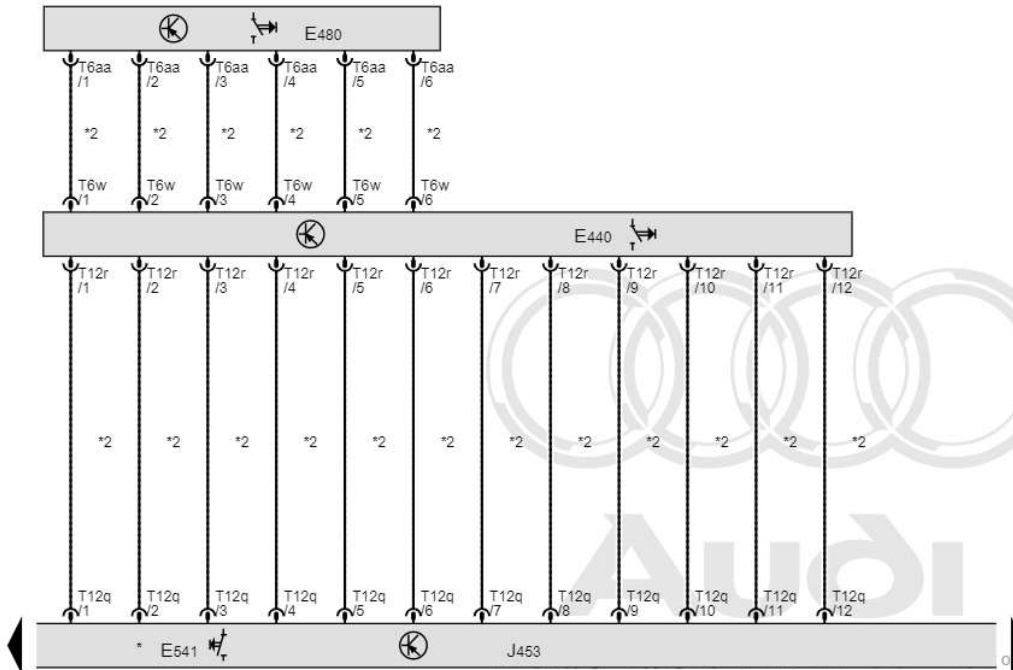
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Left multifunction buttons on steering wheel, tiptronic downshift button, Sport program button, Multifunction steering wheel control module

- E440 Left multifunction buttons on steering wheel
- E480 tiptronic downshift button
- E541 Sport program button, on the steering wheel
- J453 Multifunction steering wheel control module, in the steering wheel
- T6aa 6-pin connector
- T6w 6-pin connector
- T12q 12-pin connector
- T12r 12-pin connector
- \* Optional equipment
- \*2 Adapter cable



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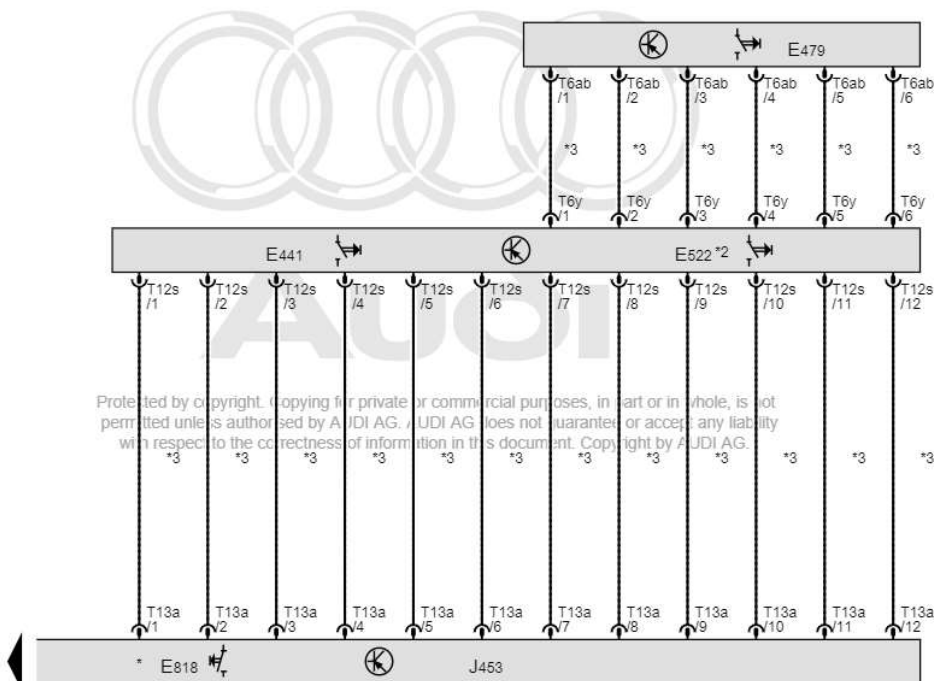
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43 44 45 46 47 48 49 50 51 52 53 54 55 56

[253-011050916]

Right multifunction buttons on steering wheel, tiptronic upshift button, Engine sound generator button, Multifunction steering wheel control module

- E441 Right multifunction buttons on steering wheel
- E479 tiptronic upshift button
- E522 Steering wheel heating button
- E818 Engine sound generator button, on the steering wheel
- J453 Multifunction steering wheel control module, in the steering wheel
- T6ab 6-pin connector
- T6y 6-pin connector
- T12s 12-pin connector
- T13a 13-pin connector
- \* Optional equipment
- \*2 Only for vehicles with a heated steering wheel
- \*3 Adapter cable



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- rs = pink

Power rear spoiler , (5J2)  
from September 2015



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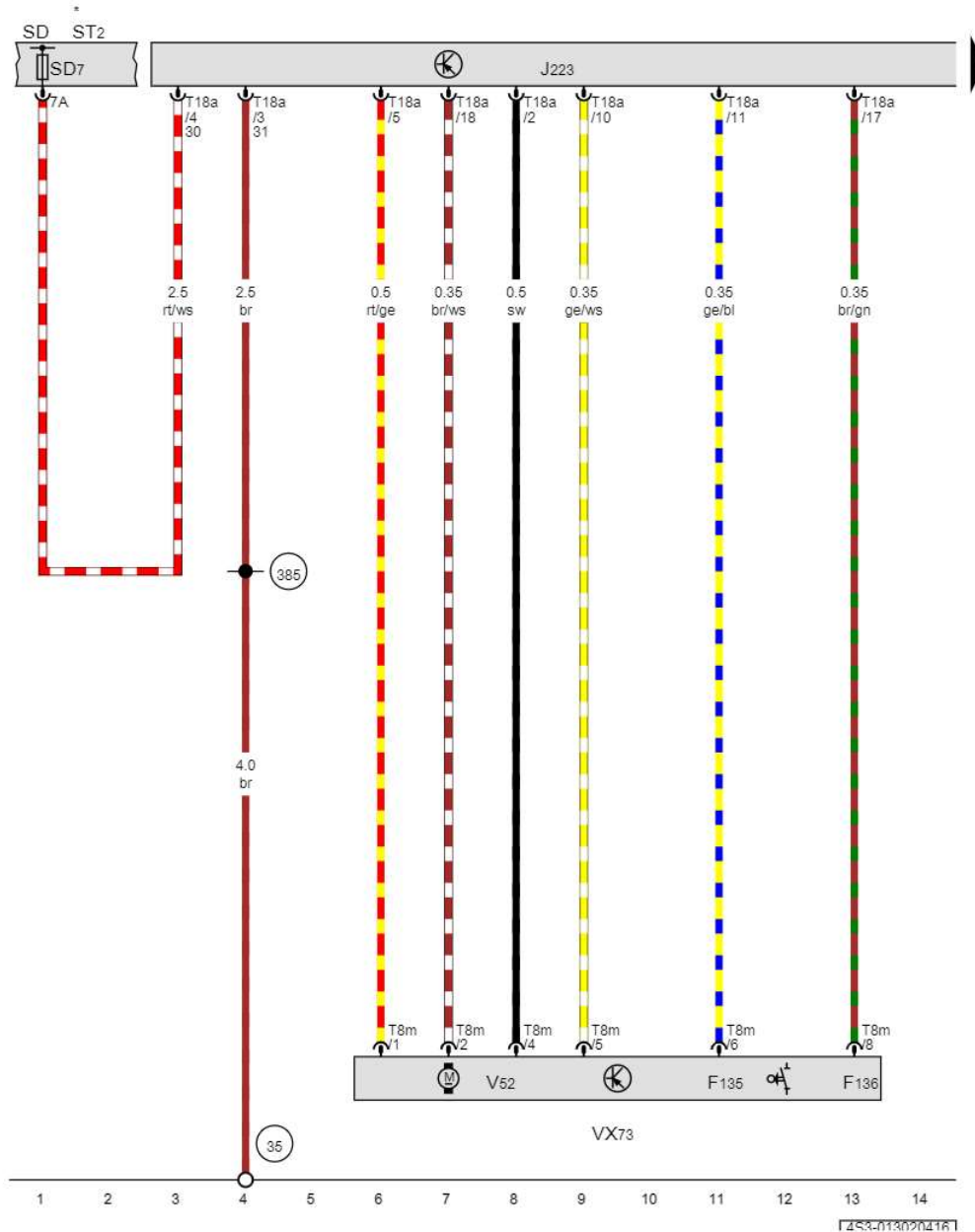
Rear spoiler stop switch 1, Rear spoiler stop switch 2, Rear spoiler control module, Rear spoiler motor, Rear spoiler

- F135 Rear spoiler stop switch 1
- F136 Rear spoiler stop switch 2
- J223 Rear spoiler control module
- SD Fuse panel D
- ST2 Fuse panel 2
- SD7 Fuse 7 (on fuse panel D)
- T8m 8-pin connector, black
- T18a 18-pin connector, brown
- V52 Rear spoiler motor
- VX73 Rear spoiler

35 Ground connection under front passenger seat

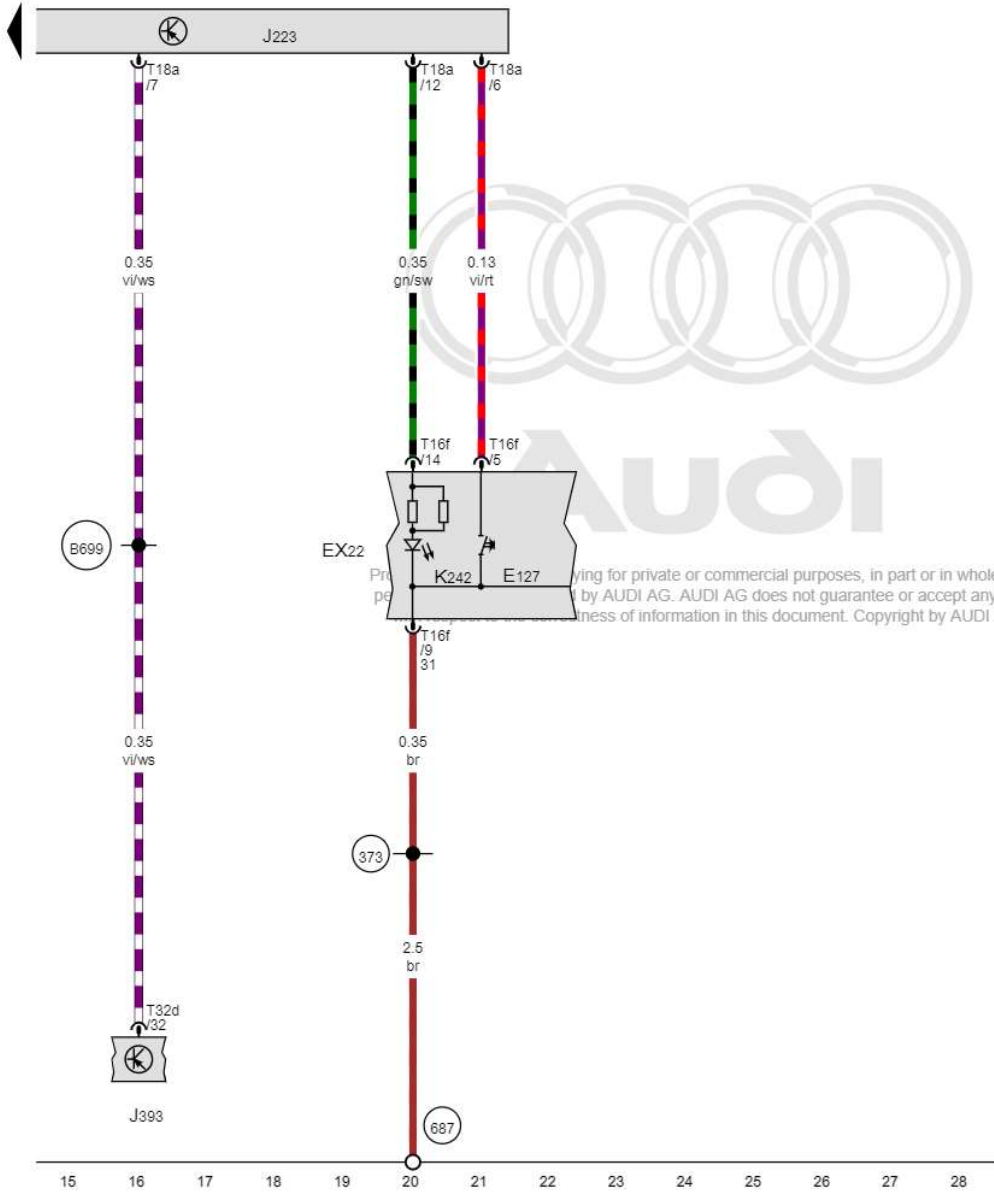
385 Ground connection 20 (in main wiring harness)

\* Refer to applicable wiring diagram for fuse positions



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Switch module in instrument panel, center, Rear spoiler adjustment switch, Rear spoiler control module, Rear spoiler adjustment indicator lamp

- EX22 Switch module in instrument panel, center
- E127 Rear spoiler adjustment switch
- J223 Rear spoiler control module
- J393 Comfort system central control module
- K242 Rear spoiler adjustment indicator lamp
- T16f 16-pin connector, brown
- T18a 18-pin connector, brown
- T32d 32-pin connector, black

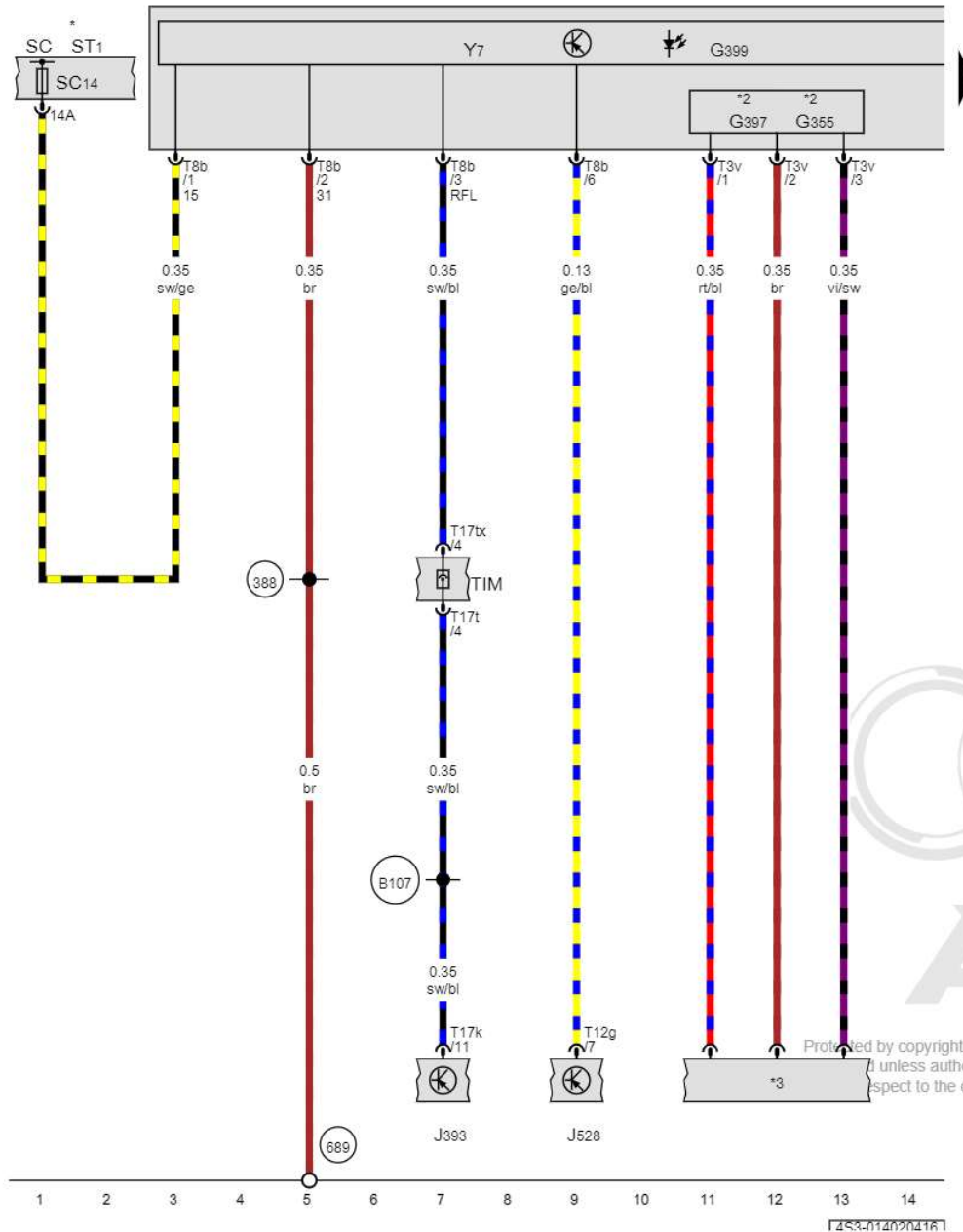
- 373 Ground connection 8 (in main wiring harness)
- 687 Ground connection 1 on center tunnel
- B699 LIN bus connection 4 (in main wiring harness)

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Automatic dimming interior rearview mirror , (4L6),(4L7)  
from September 2015



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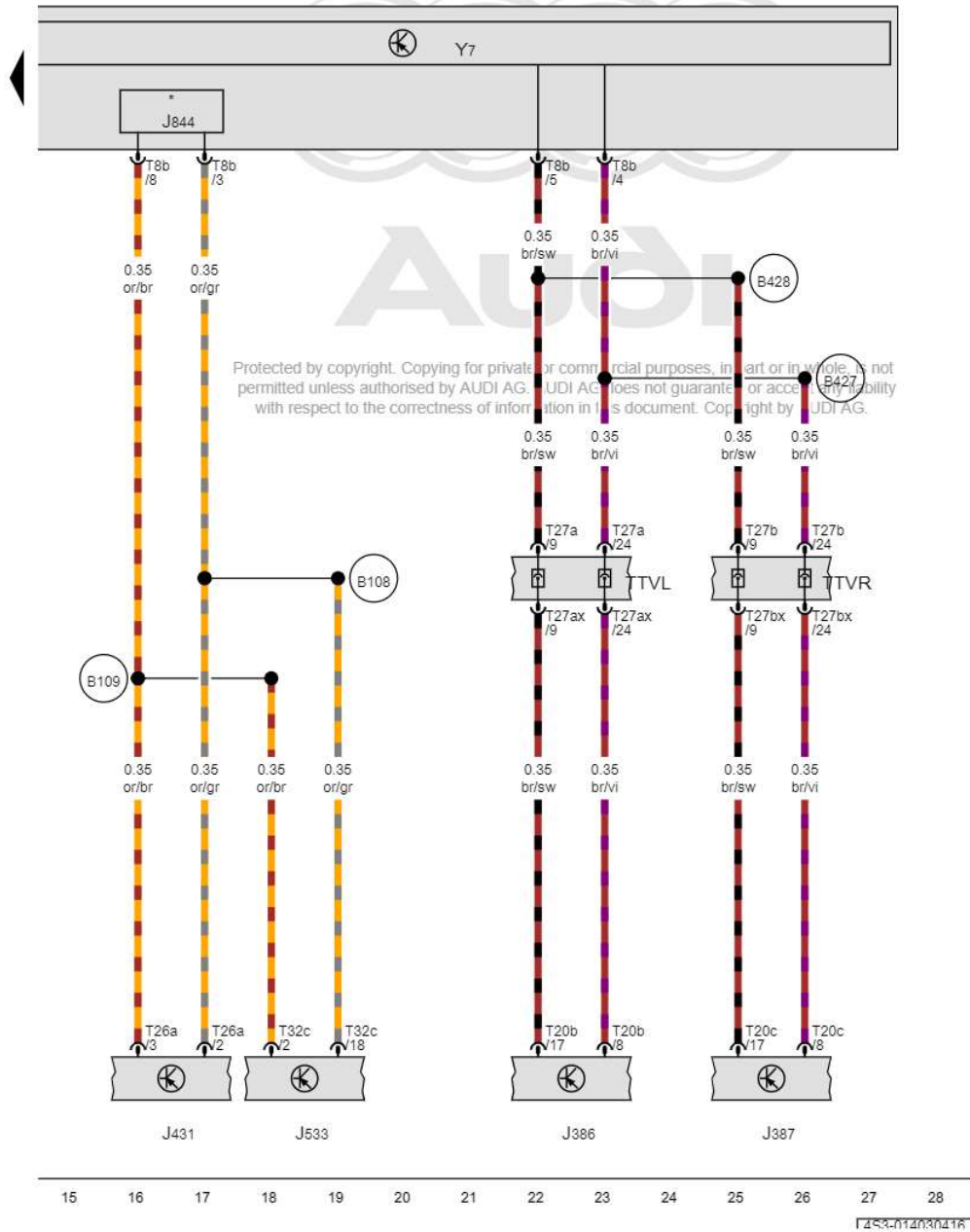


Humidity sensor, Rain/light recognition sensor, Light recognition sensor, Automatic dimming interior rearview mirror

- G355 Humidity sensor
- G397 Rain/light recognition sensor
- G399 Light recognition sensor
- J393 Comfort system central control module
- J528 Roof electronics control module
- SC Fuse panel C
- ST1 Fuse panel 1
- SC14 Fuse 14 (on fuse panel C)
- T3v 3-pin connector, black
- T8b 8-pin connector, black
- T12g 12-pin connector, black
- T17k 17-pin connector, black
- T17t 17-pin connector, brown
- T17x 17-pin connector, brown
- TIM Coupling point in interior, center
- Y7 Automatic dimming interior rearview mirror
- 388 Ground connection 23 (in main wiring harness)
- 689 Ground connection on roof, center front
- B107 Connection (back-up lamp) inside main wiring harness
- \* Refer to applicable wiring diagram for fuse positions
- \*2 Depending on equipment
- \*3 Refer to applicable standard equipment wiring diagram



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Automatic high beam assist control module, Automatic dimming interior rearview mirror

- J386 Driver door control module
- J387 Front passenger door control module
- J431 Headlamp range control module
- J533 Data bus on board diagnostic interface
- J844 Automatic high beam assist control module
- T8b 8-pin connector, black
- T20b 20-pin connector, black
- T20c 20-pin connector, black
- T26a 26-pin connector, black
- T27a 27-pin connector, black
- T27ax 27-pin connector, black
- T27b 27-pin connector, black
- T27bx 27-pin connector, black
- T32c 32-pin connector, black
- TTVL Left front door coupling point
- TTVR Right front door coupling point
- Y7 Automatic dimming interior rearview mirror
- B108 CAN bus extended high connection 1 (in main wiring harness)
- B109 CAN bus extended low connection 1 (in main wiring harness)
- B427 Mirror auto-dimming signal connection 1 (in main wiring harness)
- B428 Mirror auto-dimming signal connection 2 (in main wiring harness)
- \* Only for vehicles with high beam assist

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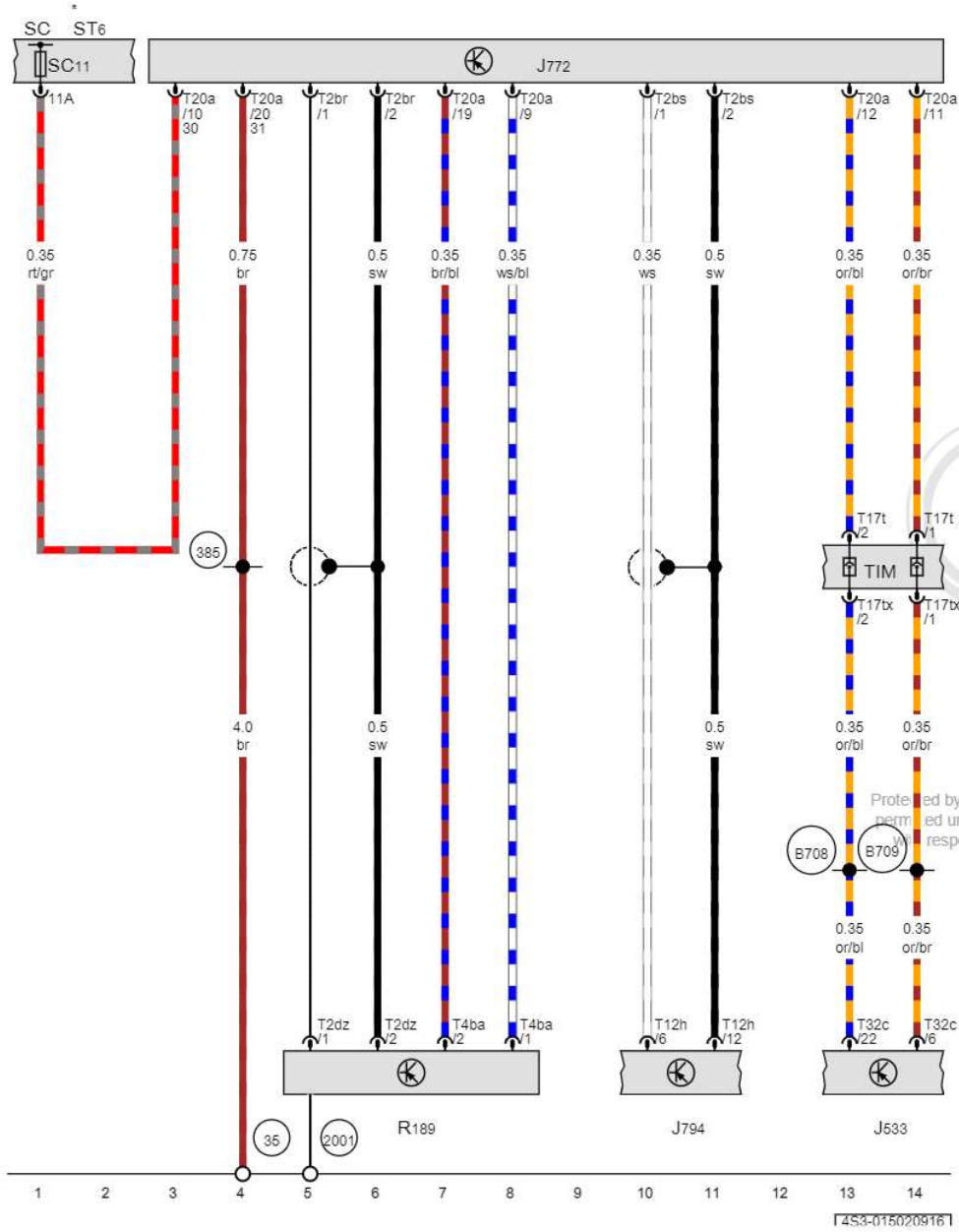


Rearview camera (Rear Assist) , (KA2)  
from September 2015



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Rearview camera system control module, Rearview camera



- J533 Data bus on board diagnostic interface
- J772 Rearview camera system control module
- J794 Information electronics control module 1
- R189 Rearview camera
- SC Fuse panel C
- ST6 Fuse panel 6
- SC11 Fuse 11 (on fuse panel C)
- T2br 2-pin connector, gray
- T2bs 2-pin connector, green
- T2dz 2-pin connector, white
- T4ba 4-pin connector, black
- T12h 12-pin connector, blue
- T17t 17-pin connector, brown
- T17x 17-pin connector, brown
- T20a 20-pin connector, black
- T32c 32-pin connector, black
- TIM Coupling point in interior, center

- 35 Ground connection under front passenger seat
- 385 Ground connection 20 (in main wiring harness)
- 2001 Frame ground
- B708 Instrument cluster CAN bus high connection 1 (in main wiring harness)
- B709 Instrument cluster CAN bus low connection 1 (in main wiring harness)
- \* Refer to applicable wiring diagram for fuse positions

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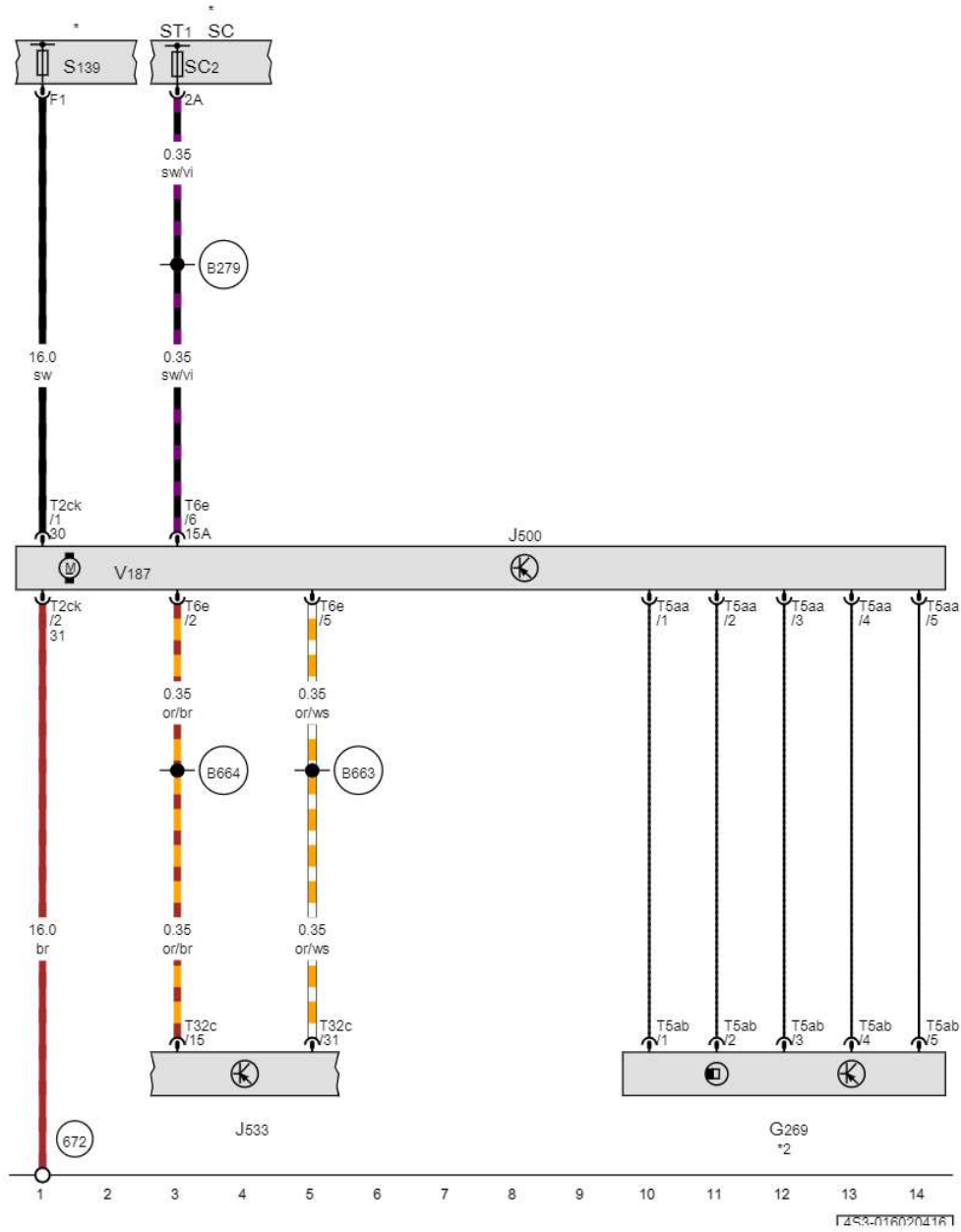
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7453-015020916

Power steering, electromechanical , (QZ7)  
from September 2015



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Power steering control module

- G269 Steering torque sensor
- J500 Power steering control module
- J533 Data bus on board diagnostic interface
- SC Fuse panel C
- ST1 Fuse panel 1
- SC2 Fuse 2 (on fuse panel C)
- S139 Safety fuse 6
- T2ck 2-pin connector, black
- T5aa 5-pin connector
- T5ab 5-pin connector
- T6e 6-pin connector, black
- T32c 32-pin connector, black
- V187 Electromechanical power steering motor

- 672 Ground connection 2 on left front longitudinal member
- B279 Positive connection 3 (15a) (in main wiring harness)
- B663 Suspension sensor CAN bus high connection (in main wiring harness)
- B664 Suspension sensor CAN bus low connection (in main wiring harness)

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Headlamps LED , (8IT)  
from September 2015



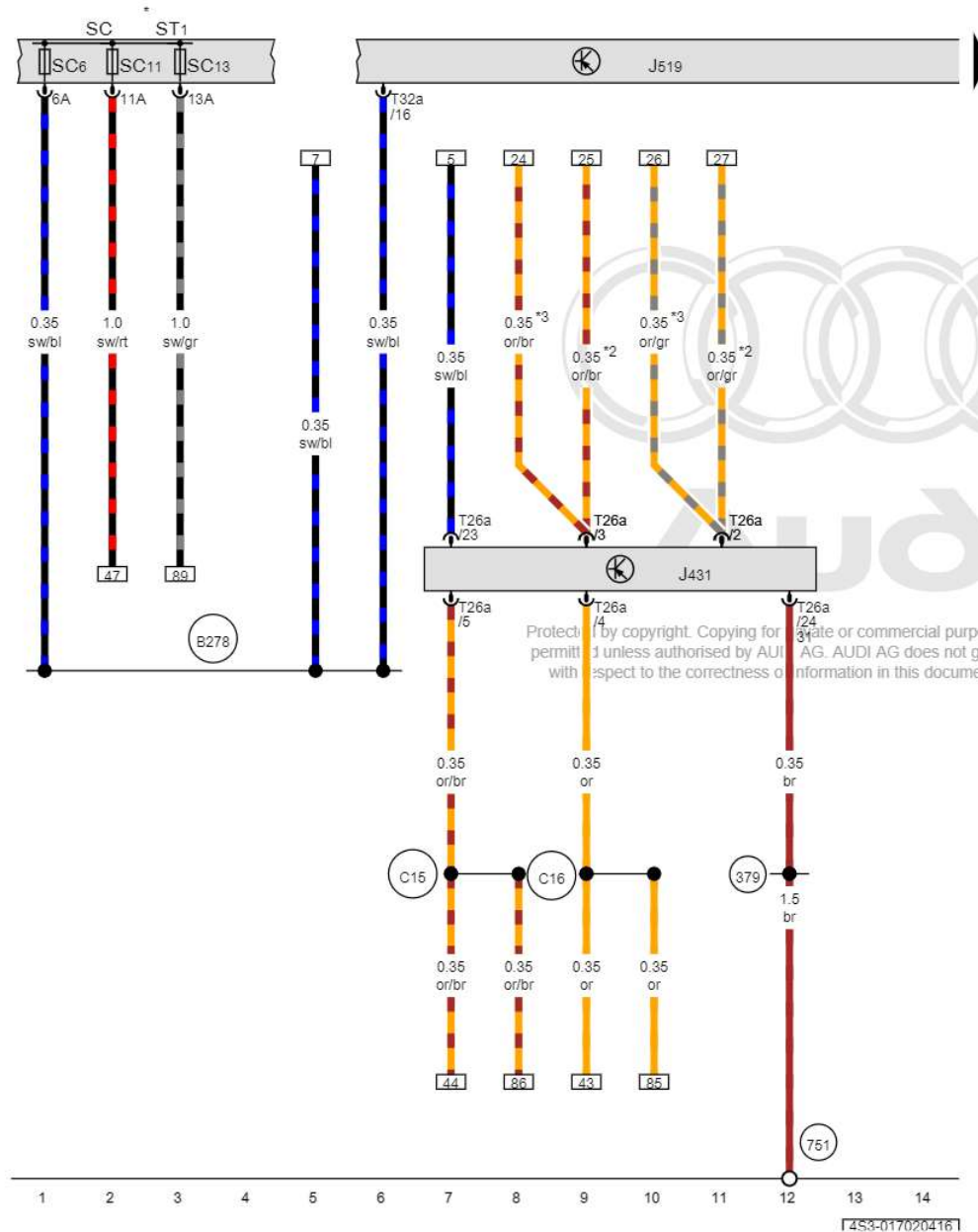
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Headlamp range control module, Vehicle electrical system control module

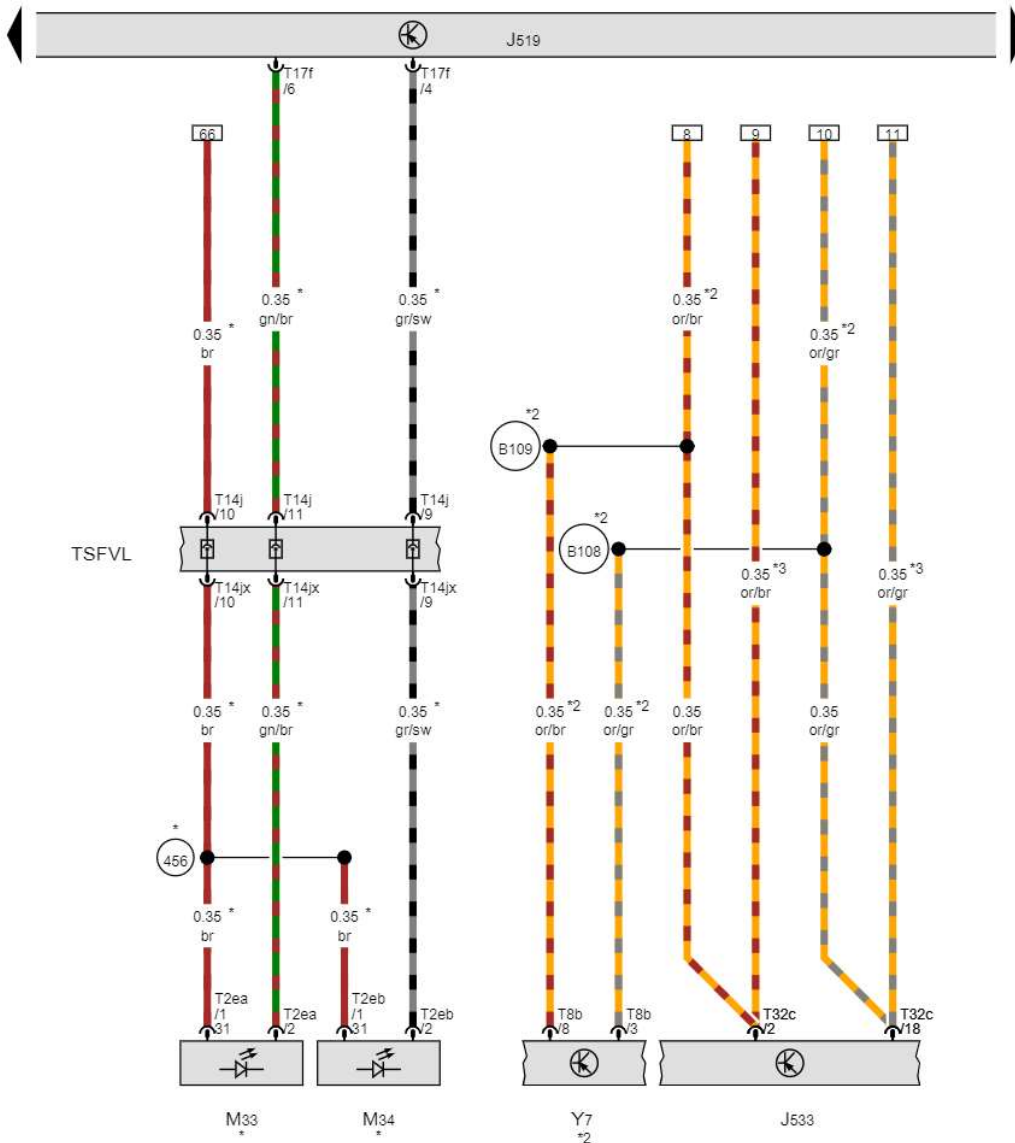
- J431 Headlamp range control module
- J519 Vehicle electrical system control module
- SC Fuse panel C
- ST1 Fuse panel 1
- SC6 Fuse 6 (on fuse panel C)
- SC11 Fuse 11 (on fuse panel C)
- SC13 Fuse 13 (on fuse panel C)
- T26a 26-pin connector, black
- T32a 32-pin connector, black

- (379) Ground connection 14 (in main wiring harness)
- (751) Ground connection 2 on right A-pillar
- (B278) Positive connection 2 (15a) (in main wiring harness)
- (C15) Connection 1 (in headlamp wiring harness)
- (C16) Connection 2 (in headlamp wiring harness)

- \* Refer to applicable wiring diagram for fuse positions
- \*2 Only for vehicles without high beam assist
- \*3 Only for vehicles with high beam assist



17453-0170204181



Vehicle electrical system control module, Data bus on board diagnostic interface, Left front side marker lamp bulb, Right front side marker lamp bulb

- J519 Vehicle electrical system control module
- J533 Data bus on board diagnostic interface
- M33 Left front side marker lamp bulb
- M34 Right front side marker lamp bulb
- T2ea 2-pin connector, black
- T2eb 2-pin connector, black
- T8b 8-pin connector, black
- T14j 14-pin connector, black
- T14x 14-pin connector, black
- T17f 17-pin connector, green
- T32c 32-pin connector, black
- TSFVL Coupling point on left front bumper
- Y7 Automatic dimming interior rearview mirror

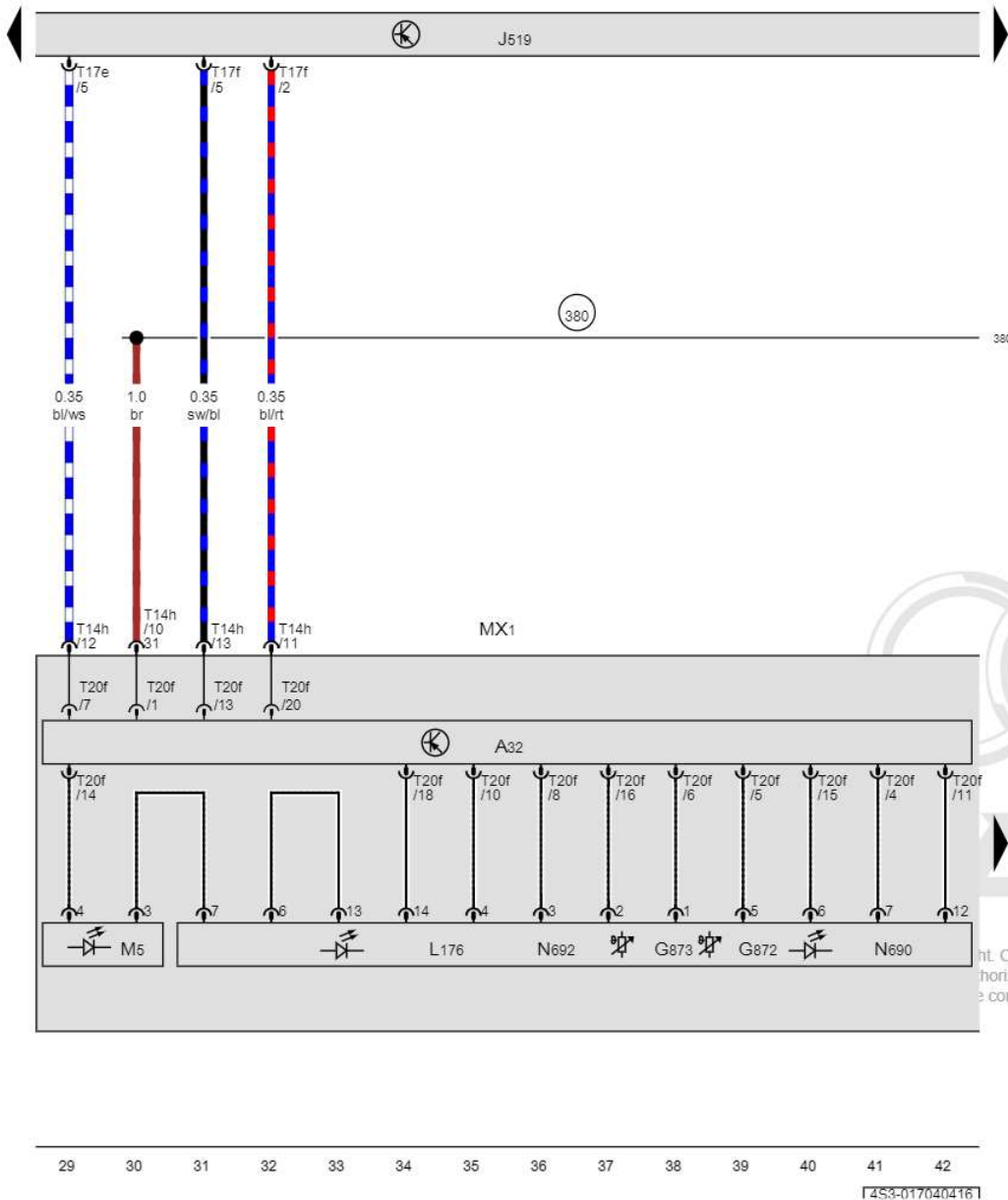
- 456 Ground connection 1 (in front bumper wiring harness)
- B108 CAN bus extended high connection 1 (in main wiring harness)
- B109 CAN bus extended low connection 1 (in main wiring harness)
- \* USA only
- \*2 Only for vehicles with high beam assist
- \*3 Only for vehicles without high beam assist



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- or = orange
- rs = pink

Left LED headlamp power output module 2, Vehicle electrical system control module, Left daytime running lamp and position lamp LED module, Left front headlamp, Left front turn signal bulb

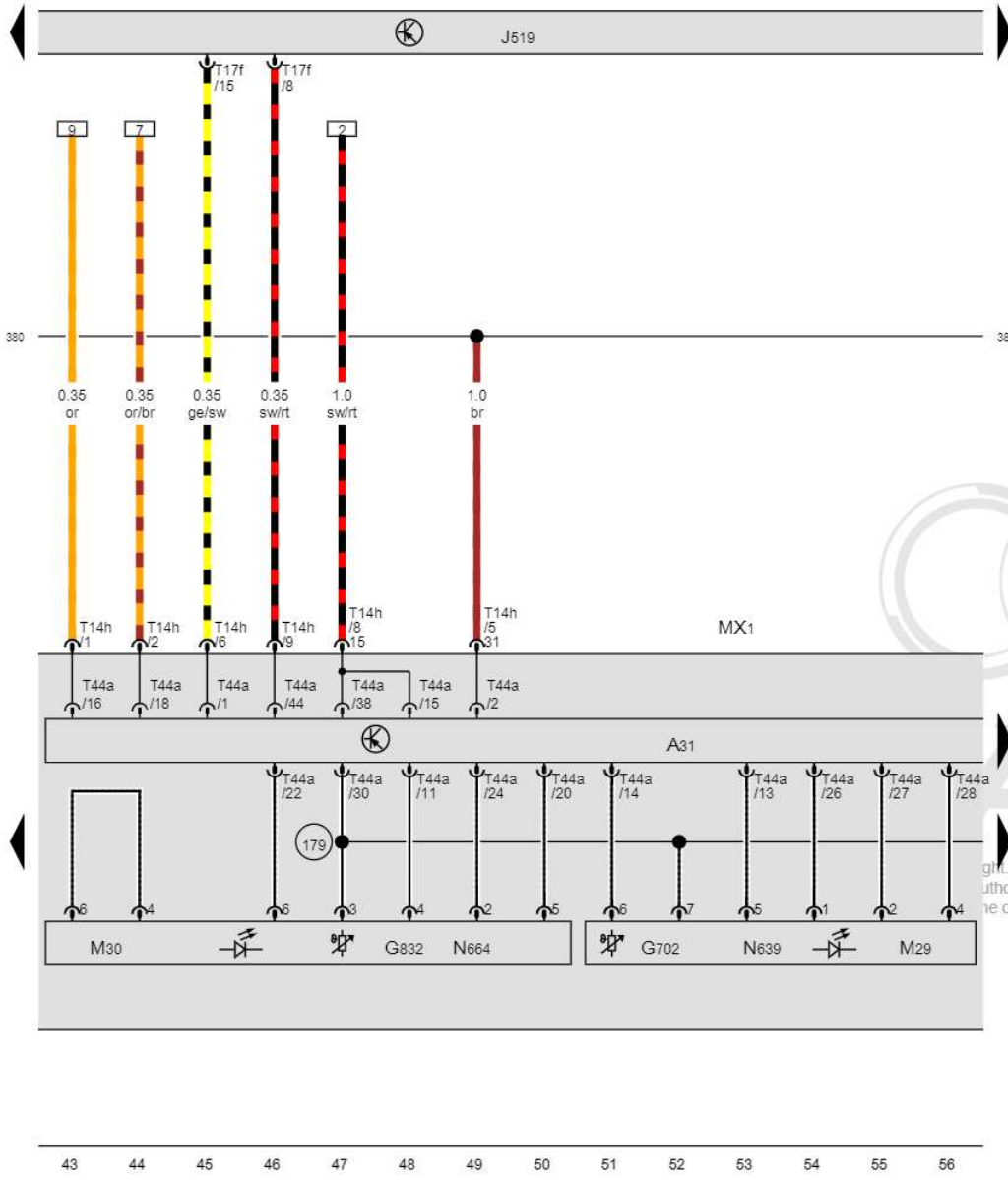


- A32 Left LED headlamp power output module 2
- G872 Left headlamp temperature sensor 4
- G873 Left headlamp temperature sensor 5
- J519 Vehicle electrical system control module
- L176 Left daytime running lamp and position lamp LED module
- MX1 Left front headlamp
- M5 Left front turn signal bulb
- N690 Current coding resistance 4 for left headlamp
- N692 Current coding resistance 5 for left headlamp
- T14h 14-pin connector, black
- T17e 17-pin connector, red
- T17f 17-pin connector, green
- T20f 20-pin connector, red
- 380 Ground connection 15 (in main wiring harness)

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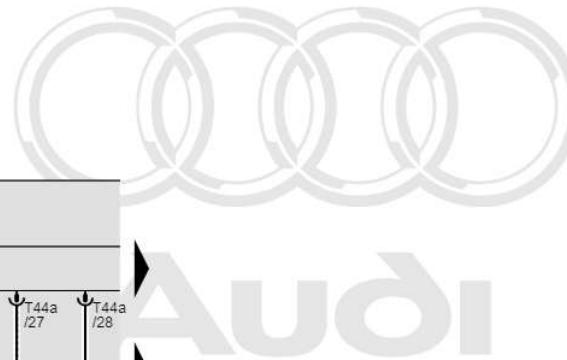




Left LED headlamp power output module 1, Vehicle electrical system control module, Left front headlamp, Left low beam headlamp bulb, Left high beam headlamp bulb

- A31 Left LED headlamp power output module 1
- G702 Left headlamp temperature sensor 1
- G832 Left headlamp temperature sensor 3
- J519 Vehicle electrical system control module
- MX1 Left front headlamp
- M29 Left low beam headlamp bulb
- M30 Left high beam headlamp bulb
- N639 Current coding resistance 1 for left headlamp
- N664 Current coding resistance 3 for left headlamp
- T14h 14-pin connector, black
- T17f 17-pin connector, green
- T44a 44-pin connector

- 179 Ground connection (in left headlamp wiring harness)
- 380 Ground connection 15 (in main wiring harness)

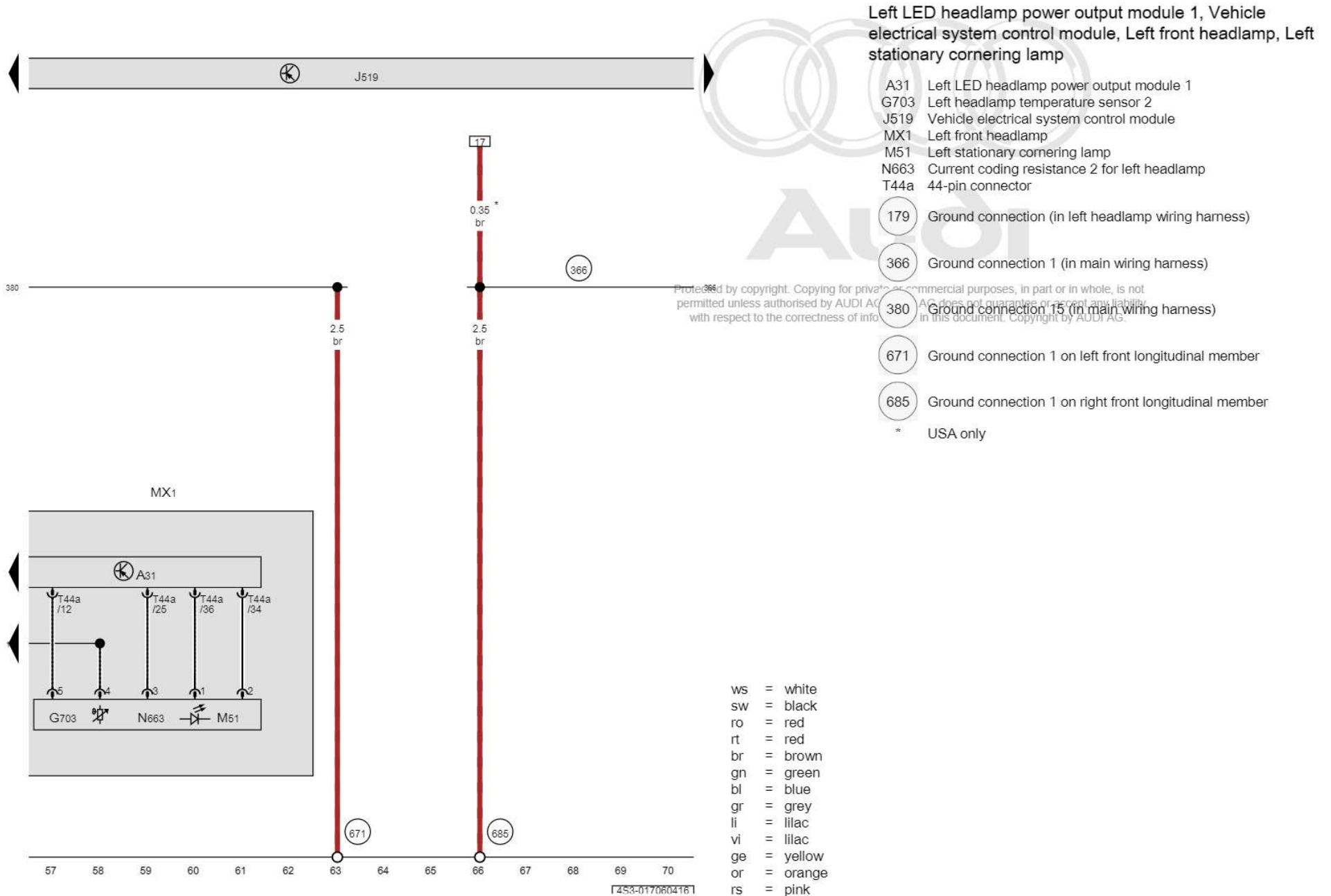


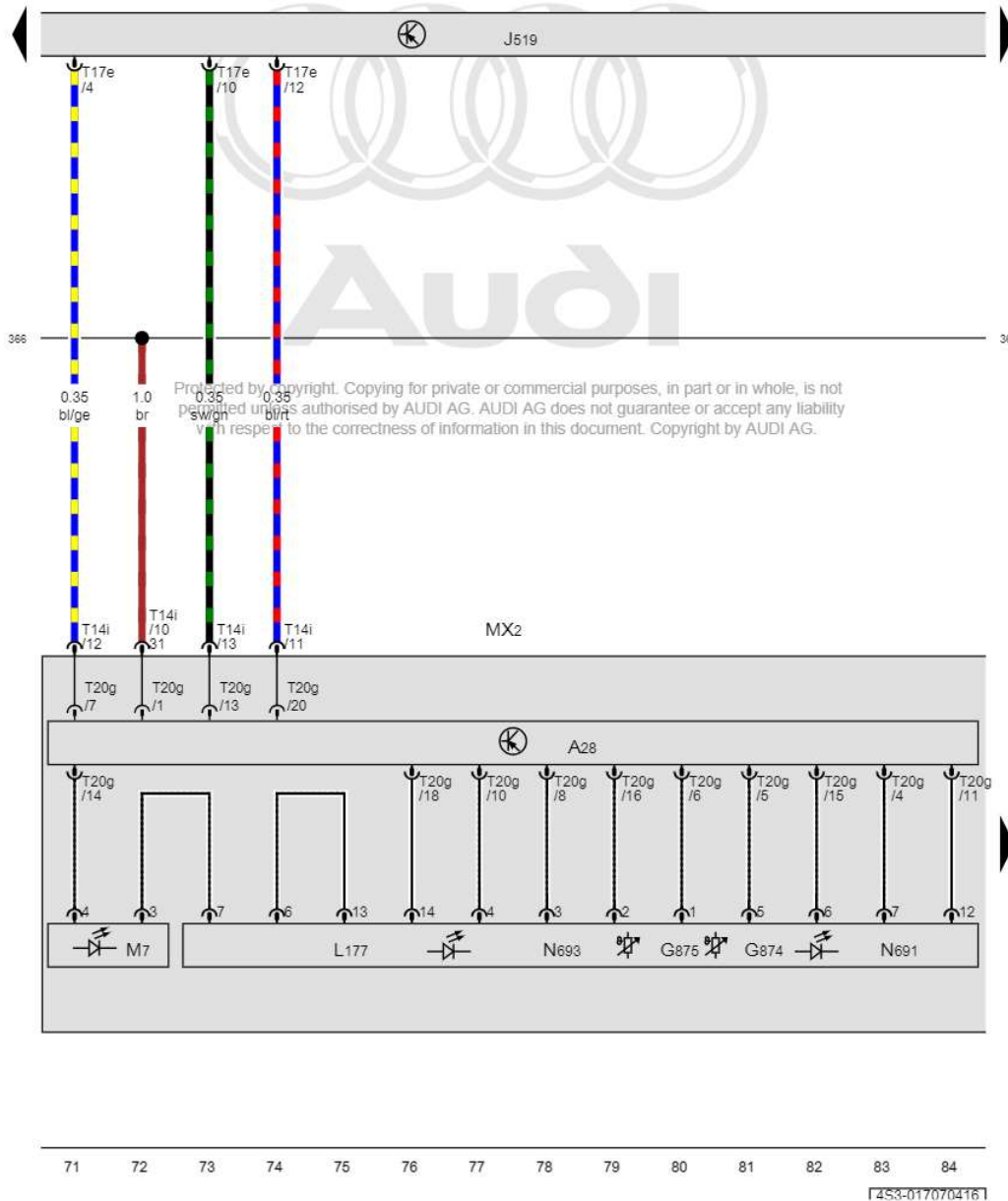
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43 44 45 46 47 48 49 50 51 52 53 54 55 56

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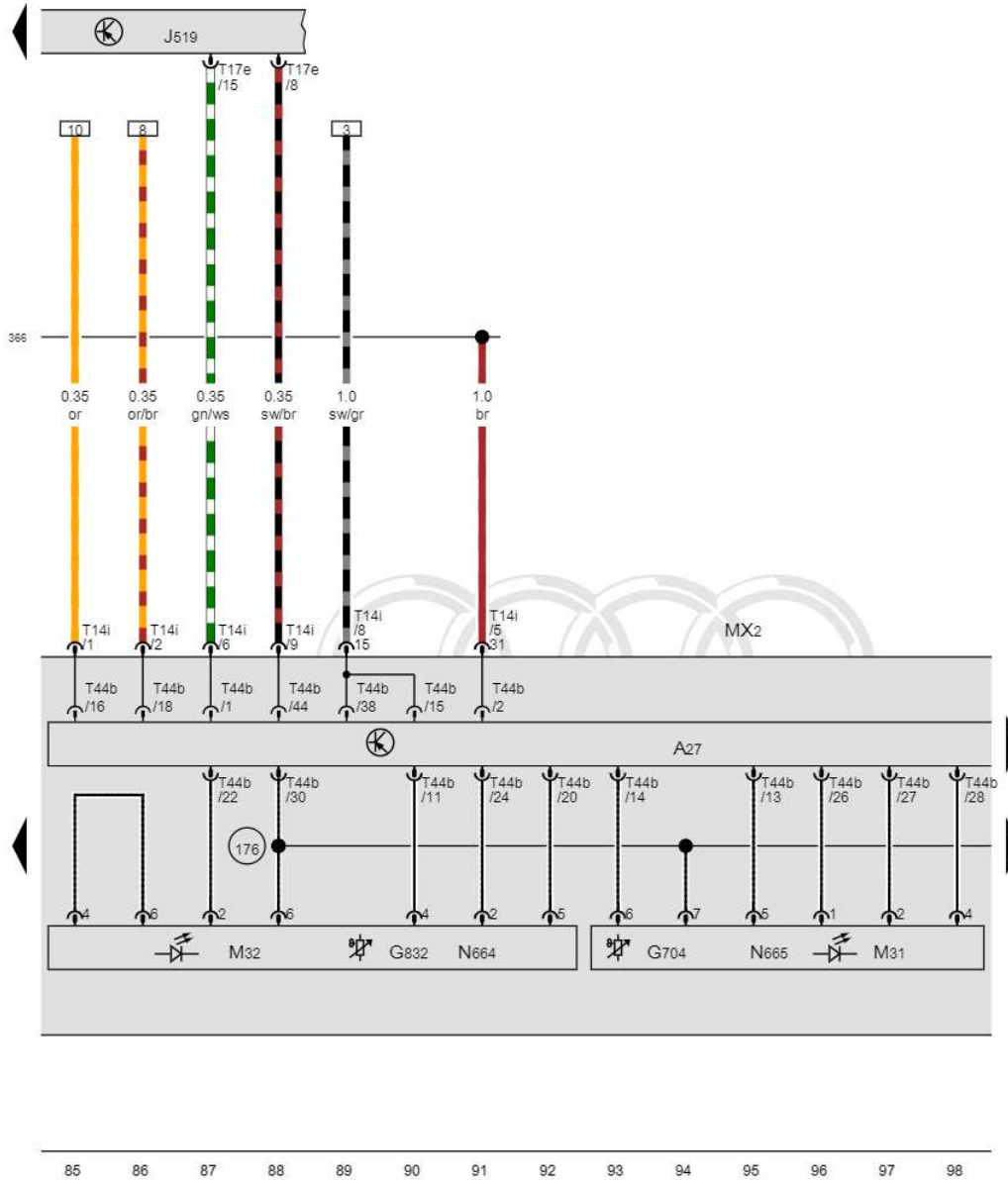


Right LED headlamp power output module 2, Vehicle electrical system control module, Right daytime running lamp and position lamp LED module, Right front headlamp, Right front turn signal bulb

- A28 Right LED headlamp power output module 2
- G874 Right headlamp temperature sensor 4
- G875 Right headlamp temperature sensor 5
- J519 Vehicle electrical system control module
- L177 Right daytime running lamp and position lamp LED module
- MX2 Right front headlamp
- M7 Right front turn signal bulb
- N691 Current coding resistance 4 for right headlamp
- N693 Current coding resistance 5 for right headlamp
- T14i 14-pin connector, black
- T17e 17-pin connector, red
- T20g 20-pin connector, red

366 Ground connection 1 (in main wiring harness)

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Right LED headlamp power output module 1, Vehicle electrical system control module, Right front headlamp, Right low beam headlamp bulb, Right high beam headlamp bulb

- A27 Right LED headlamp power output module 1
- G704 Right headlamp temperature sensor 1
- G832 Left headlamp temperature sensor 3
- J519 Vehicle electrical system control module
- MX2 Right front headlamp
- M31 Right low beam headlamp bulb
- M32 Right high beam headlamp bulb
- N664 Current coding resistance 3 for left headlamp
- N665 Current coding resistance 1 for right headlamp
- T14i 14-pin connector, black
- T17e 17-pin connector, red
- T44b 44-pin connector

- 176 Ground connection (in right headlamp wiring harness)
- 366 Ground connection 1 (in main wiring harness)

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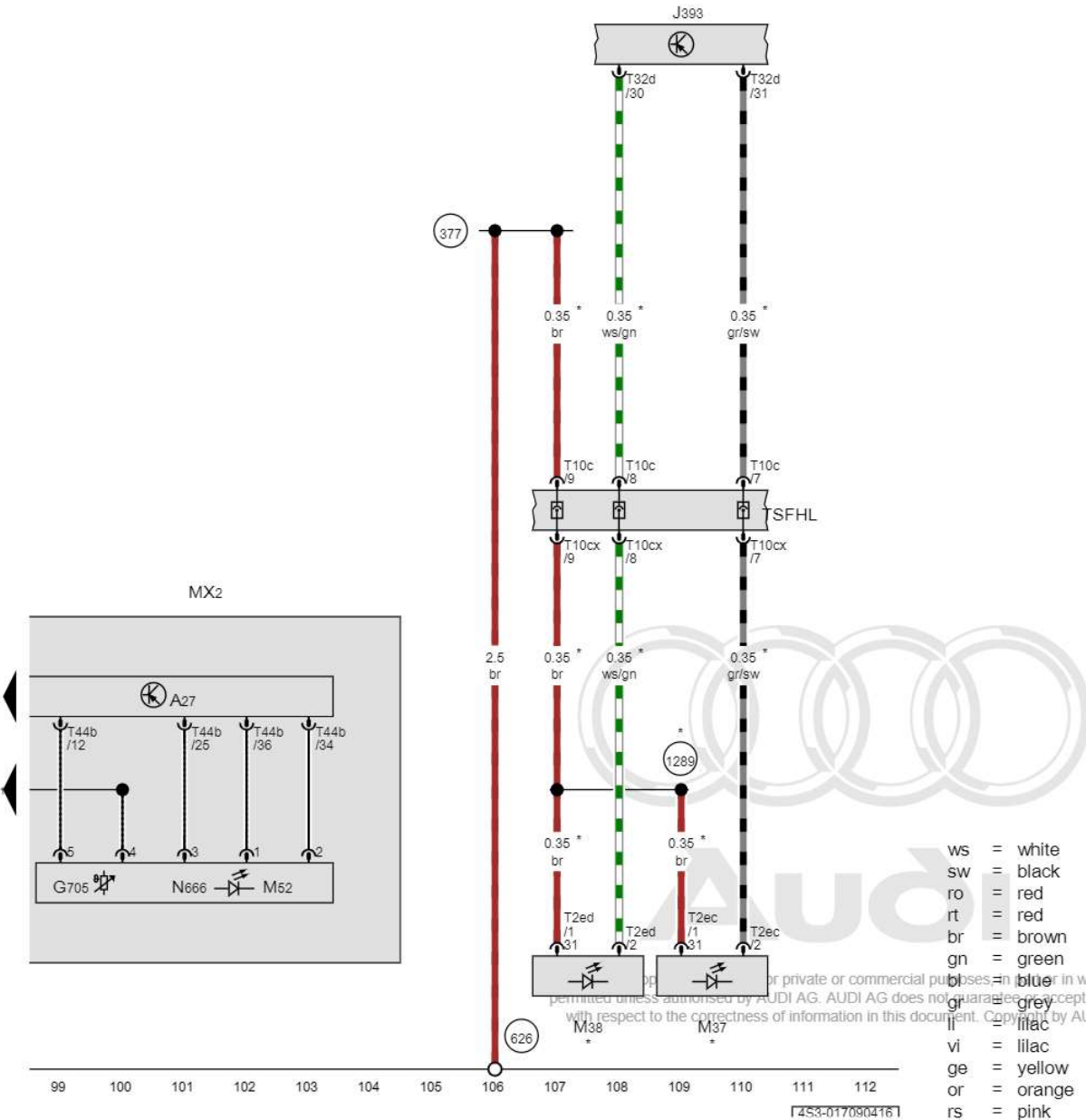
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Right LED headlamp power output module 1, Comfort system central control module, Right front headlamp, Left rear side marker lamp bulb, Right rear side marker lamp bulb, Right stationary cornering lamp

- A27 Right LED headlamp power output module 1
- G705 Right headlamp temperature sensor 2
- J393 Comfort system central control module
- MX2 Right front headlamp
- M37 Left rear side marker lamp bulb
- M38 Right rear side marker lamp bulb
- M52 Right stationary cornering lamp
- N666 Current coding resistance 2 for right headlamp
- T2ec 2-pin connector, black
- T2ed 2-pin connector, black
- T10c 10-pin connector, black
- T10cx 10-pin connector, black
- T32d 32-pin connector, black
- T44b 44-pin connector
- TSFHL Coupling point on left rear bumper

- 176 Ground connection (in right headlamp wiring harness)
- 377 Ground connection 12 (in main wiring harness)
- 626 Right tail lamp ground connection
- 1289 Ground connection 2 (in rear bumper wiring harness)

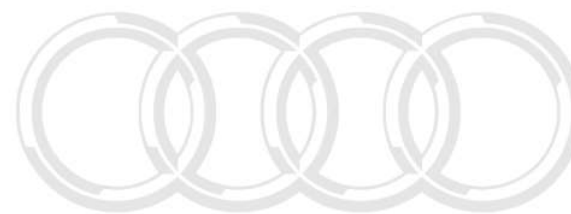
- \* USA only
- \*2 Only for vehicles with high beam assist



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- bl = blue
- gr = grey
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- vi = lilac
- ge = yellow
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- rs = pink

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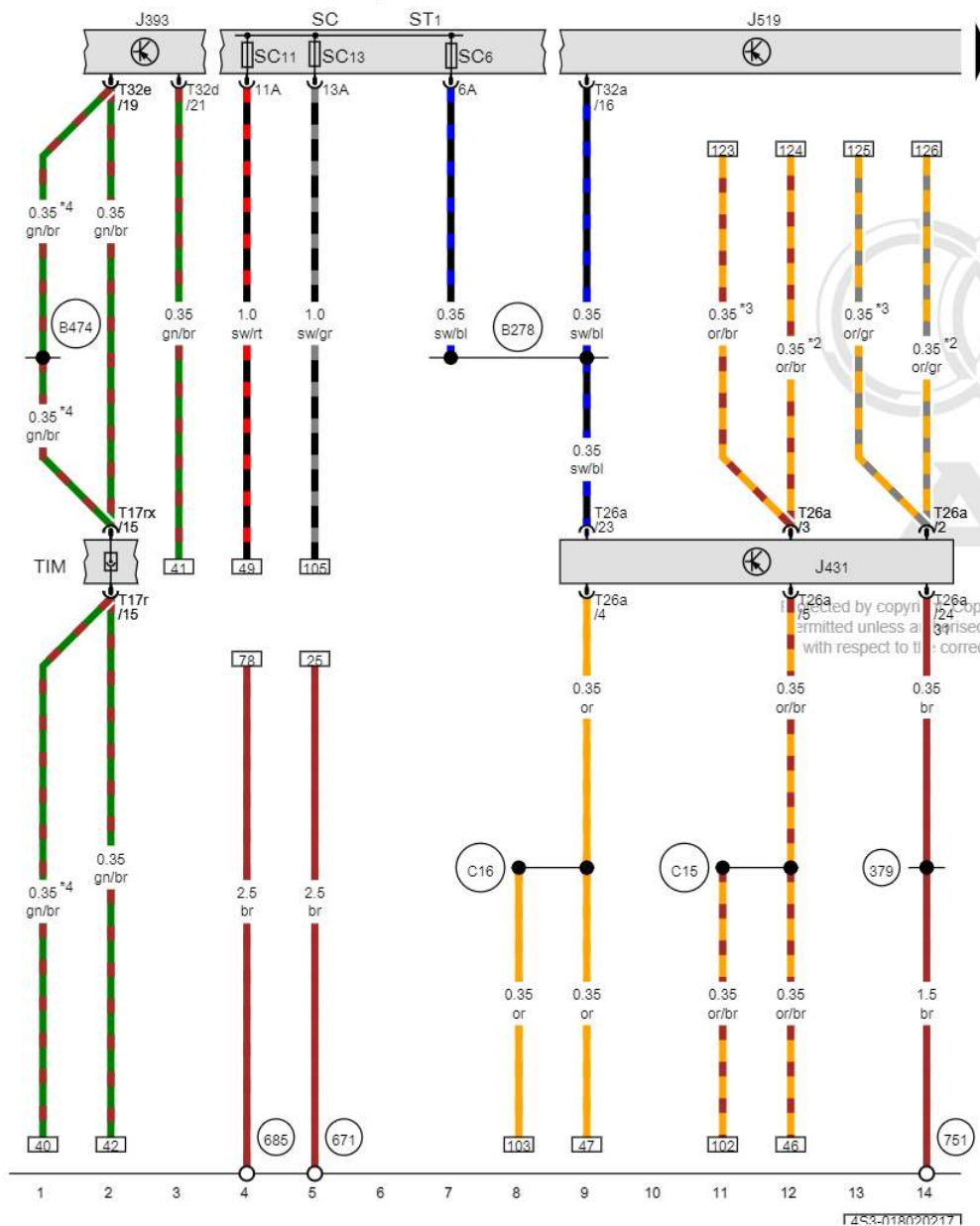
Headlamps, full LED , (8IZ)  
from September 2015



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Headlamp range control module, Vehicle electrical system control module

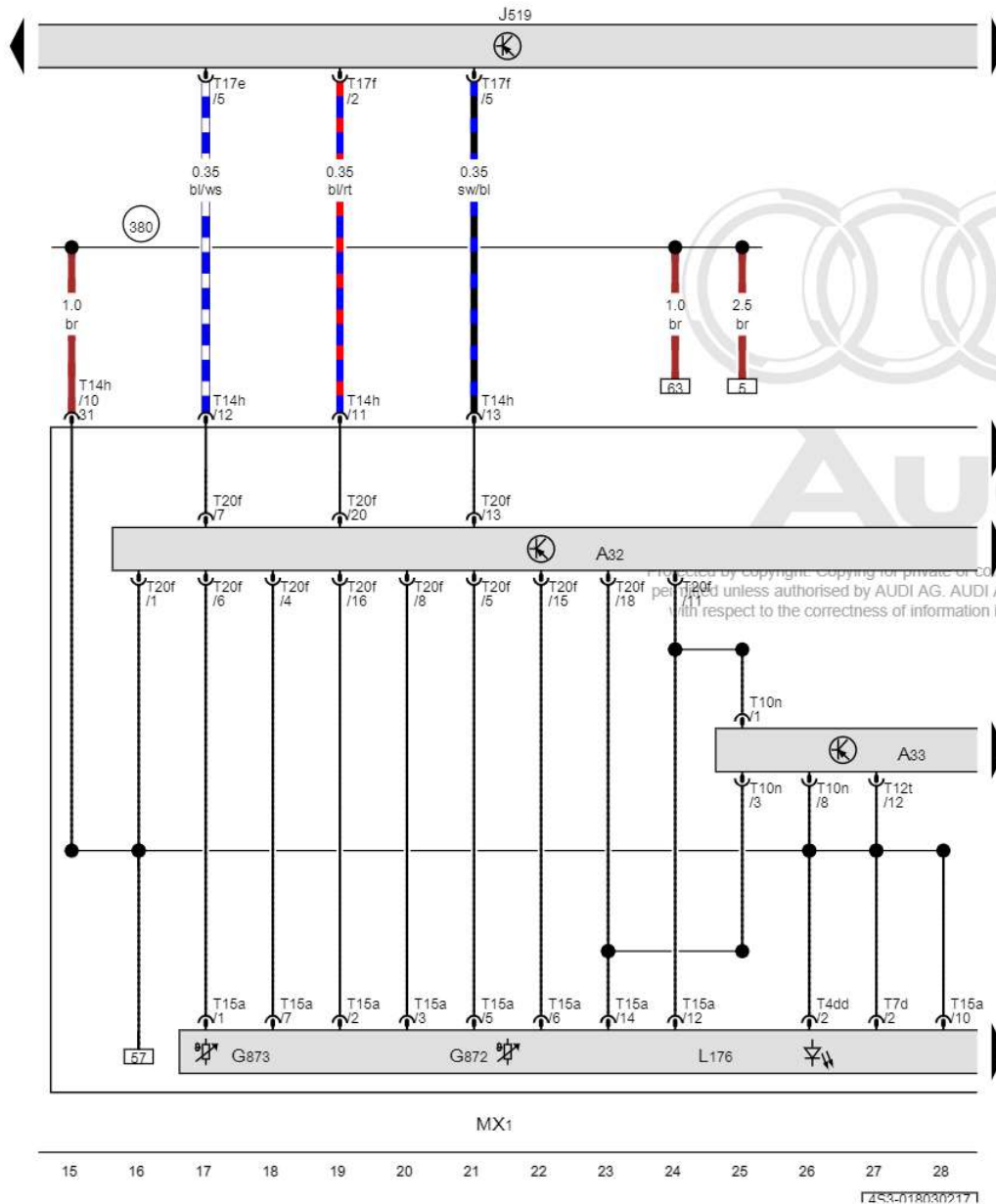


- J393 Comfort system central control module
- J431 Headlamp range control module
- J519 Vehicle electrical system control module
- SC Fuse panel C
- ST1 Fuse panel 1
- SC6 Fuse 6 (on fuse panel C)
- SC11 Fuse 11 (on fuse panel C)
- SC13 Fuse 13 (on fuse panel C)
- T17r 17-pin connector, black
- T17rx 17-pin connector, black
- T26a 26-pin connector, black
- T32a 32-pin connector, black
- T32d 32-pin connector, black
- T32e 32-pin connector, gray
- TIM Coupling point in interior, center

- 379 Ground connection 14 (in main wiring harness)
- 671 Ground connection 1 on left front longitudinal member
- 685 Ground connection 1 on right front longitudinal member
- 751 Ground connection 2 on right A-pillar
- B278 Positive connection 2 (15a) (in main wiring harness)
- B474 Connection 10 (in main wiring harness)
- C15 Connection 1 (in headlamp wiring harness)
- C16 Connection 2 (in headlamp wiring harness)

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- \* Refer to applicable wiring diagram for fuse positions
- \*2 Only for vehicles without high beam assist
- \*3 Only for vehicles with high beam assist
- \*4 USA only



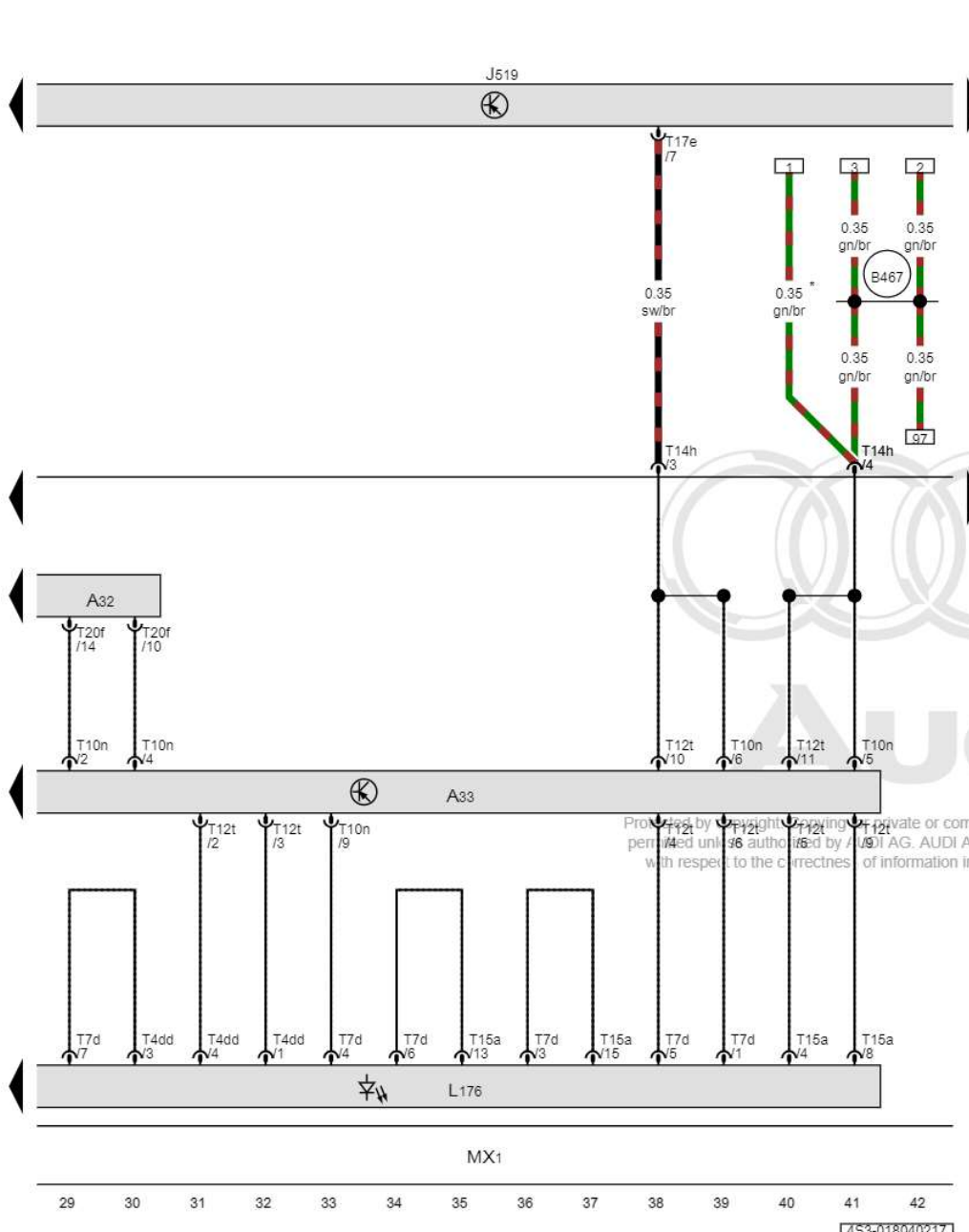
Left LED headlamp power output module 2, Left LED headlamp power output module 3, Vehicle electrical system control module, Left daytime running lamp and position lamp LED module, Left front headlamp

- A32 Left LED headlamp power output module 2
- A33 Left LED headlamp power output module 3
- G872 Left headlamp temperature sensor 4
- G873 Left headlamp temperature sensor 5
- J519 Vehicle electrical system control module
- L176 Left daytime running lamp and position lamp LED module
- MX1 Left front headlamp
- T4dd 4-pin connector
- T7d 7-pin connector
- T10n 10-pin connector
- T12t 12-pin connector
- T14h 14-pin connector, black
- T15a 15-pin connector
- T17e 17-pin connector, red
- T17f 17-pin connector, green
- T20f 20-pin connector

380 Ground connection 15 (in main wiring harness)

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Left LED headlamp power output module 2, Left LED headlamp power output module 3, Vehicle electrical system control module, Left daytime running lamp and position lamp LED module, Left front headlamp

- A32 Left LED headlamp power output module 2
- A33 Left LED headlamp power output module 3
- J519 Vehicle electrical system control module
- L176 Left daytime running lamp and position lamp LED module
- MX1 Left front headlamp
- T4dd 4-pin connector
- T7d 7-pin connector
- T10n 10-pin connector
- T12t 12-pin connector
- T14h 14-pin connector, black
- T15a 15-pin connector
- T17e 17-pin connector, red
- T20f 20-pin connector

(B467) Connection 3 (in main wiring harness)

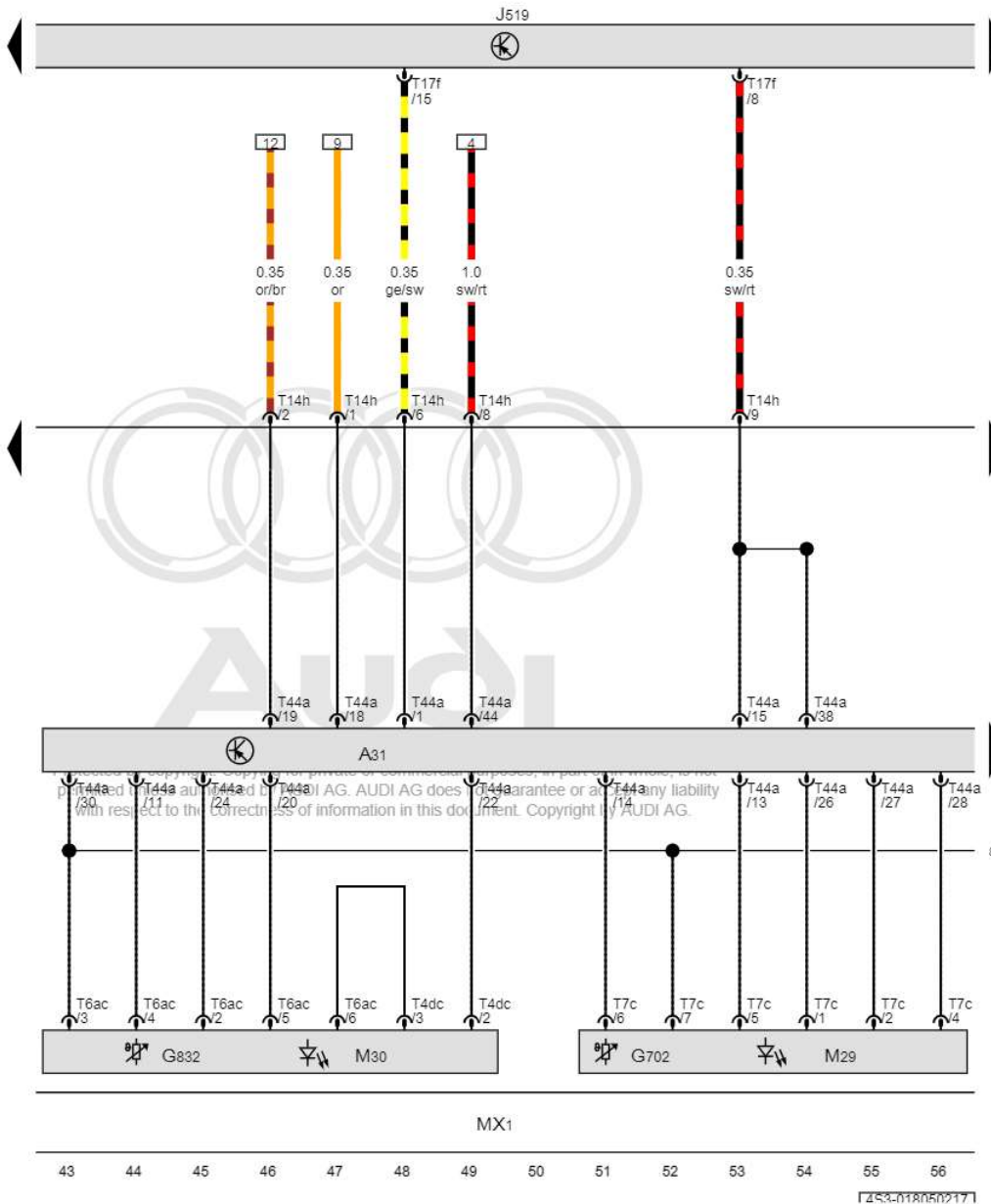
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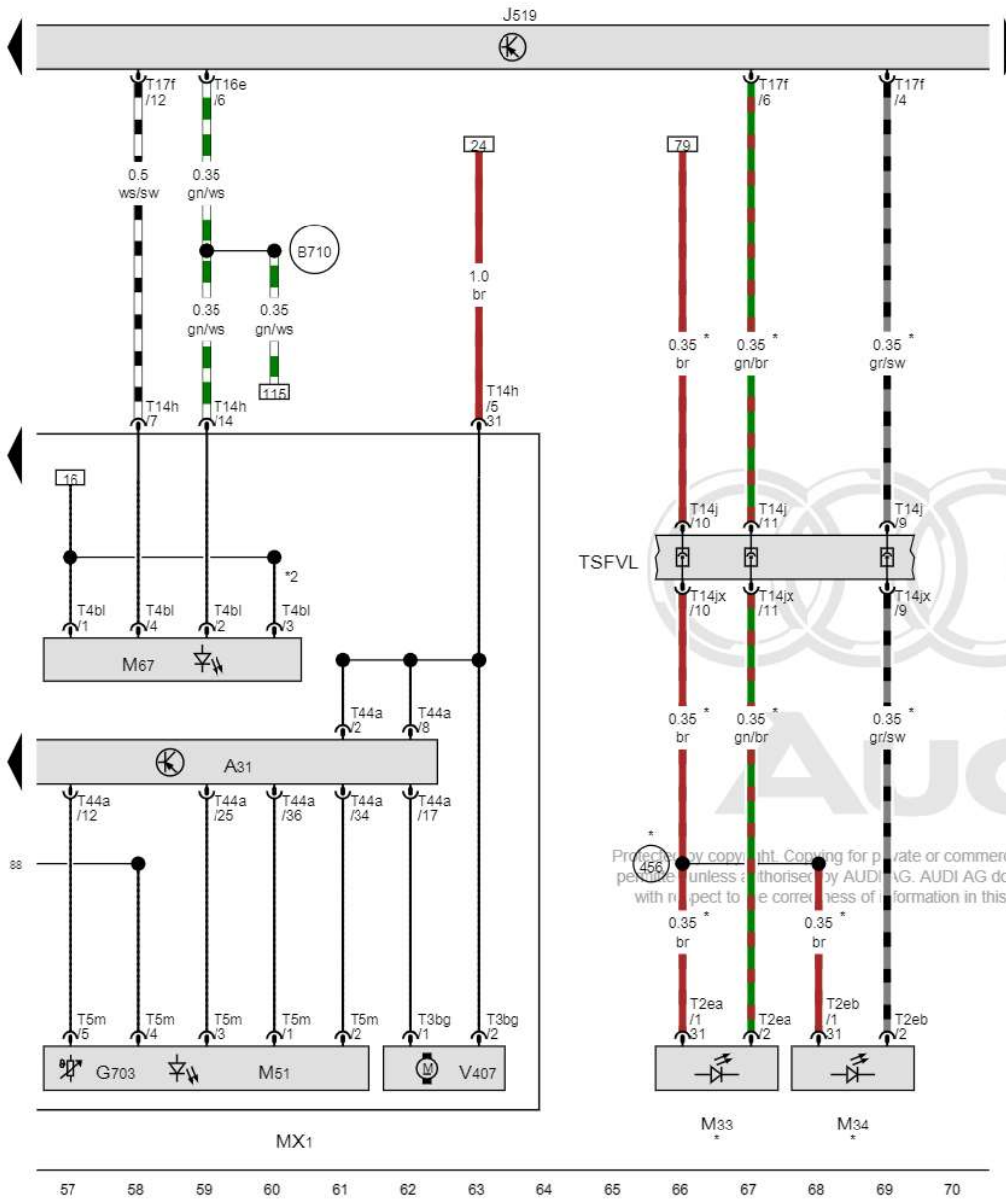
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Left LED headlamp power output module 1, Vehicle electrical system control module, Left front headlamp, Left low beam headlamp bulb, Left high beam headlamp bulb

- A31 Left LED headlamp power output module 1
- G702 Left headlamp temperature sensor 1
- G832 Left headlamp temperature sensor 3
- J519 Vehicle electrical system control module
- MX1 Left front headlamp
- M29 Left low beam headlamp bulb
- M30 Left high beam headlamp bulb
- T4dc 4-pin connector
- T6ac 6-pin connector
- T7c 7-pin connector
- T14h 14-pin connector, black
- T17f 17-pin connector, green
- T44a 44-pin connector



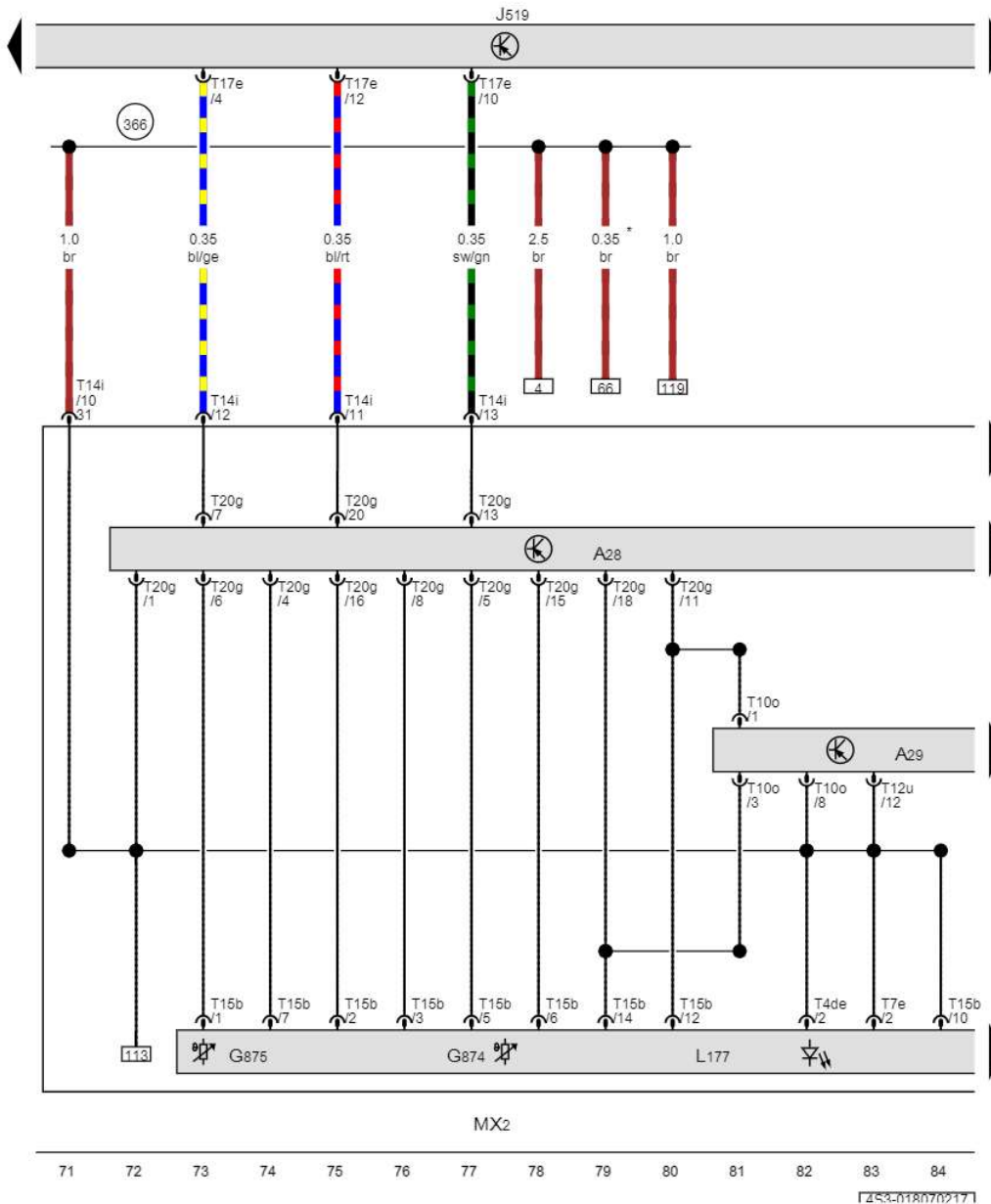
cardiagn.com



Left LED headlamp power output module 1, Vehicle electrical system control module, Left front headlamp, Left front side marker lamp bulb, Right front side marker lamp bulb, Left stationary cornering lamp, Left auxiliary high beam bulb, Left headlamp fan

- A31 Left LED headlamp power output module 1
  - G703 Left headlamp temperature sensor 2
  - J519 Vehicle electrical system control module
  - MX1 Left front headlamp
  - M33 Left front side marker lamp bulb
  - M34 Right front side marker lamp bulb
  - M51 Left stationary cornering lamp
  - M67 Left auxiliary high beam bulb
  - T2ea 2-pin connector
  - T2eb 2-pin connector
  - T3bg 3-pin connector
  - T4bl 4-pin connector
  - T5m 5-pin connector
  - T14h 14-pin connector, black
  - T14j 14-pin connector, black
  - T14jx 14-pin connector, black
  - T16e 16-pin connector, brown
  - T17f 17-pin connector, green
  - T44a 44-pin connector
  - TSFVL Coupling point on left front bumper
  - V407 Left headlamp fan
- 456 Ground connection 1 (in front bumper wiring harness)
  - B710 LIN bus connection 5 (in main wiring harness)
  - \* USA only
  - \*2 Coding wire

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- or = orange
- rs = pink



Right LED headlamp power output module 2, Right LED headlamp power output module 3, Vehicle electrical system control module, Right daytime running lamp and position lamp LED module, Right front headlamp

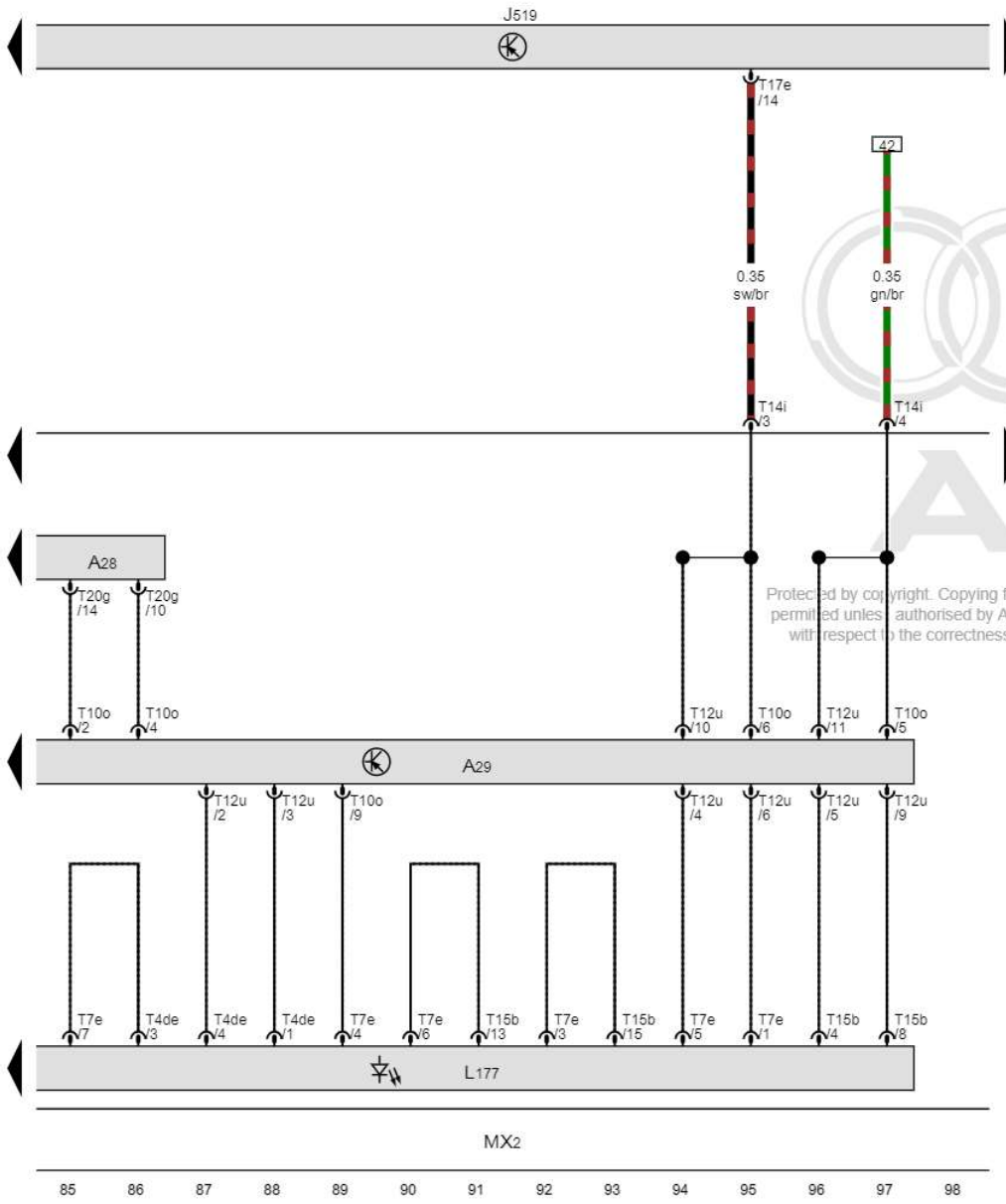
- A28 Right LED headlamp power output module 2
- A29 Right LED headlamp power output module 3
- G874 Right headlamp temperature sensor 4
- G875 Right headlamp temperature sensor 5
- J519 Vehicle electrical system control module
- L177 Right daytime running lamp and position lamp LED module
- MX2 Right front headlamp
- T4de 4-pin connector
- T7e 7-pin connector
- T10o 10-pin connector
- T12u 12-pin connector
- T14i 14-pin connector, black
- T15b 15-pin connector
- T17e 17-pin connector, red
- T20g 20-pin connector

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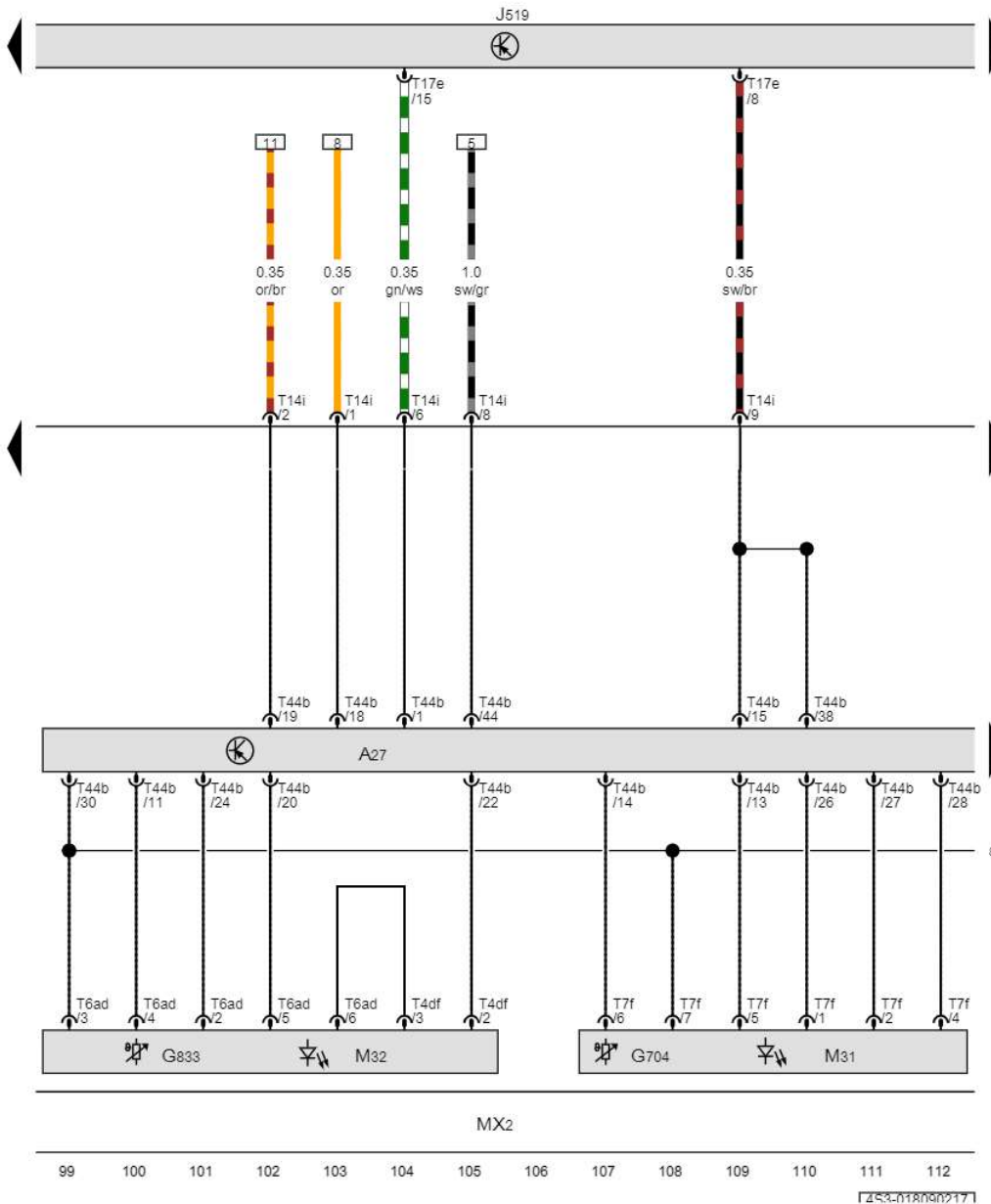
Right LED headlamp power output module 2, Right LED headlamp power output module 3, Vehicle electrical system control module, Right daytime running lamp and position lamp LED module, Right front headlamp

- A28 Right LED headlamp power output module 2
- A29 Right LED headlamp power output module 3
- J519 Vehicle electrical system control module
- L177 Right daytime running lamp and position lamp LED module
- MX2 Right front headlamp
- T4de 4-pin connector
- T7e 7-pin connector
- T10o 10-pin connector
- T12u 12-pin connector
- T14i 14-pin connector, black
- T15b 15-pin connector
- T17e 17-pin connector, red
- T20g 20-pin connector



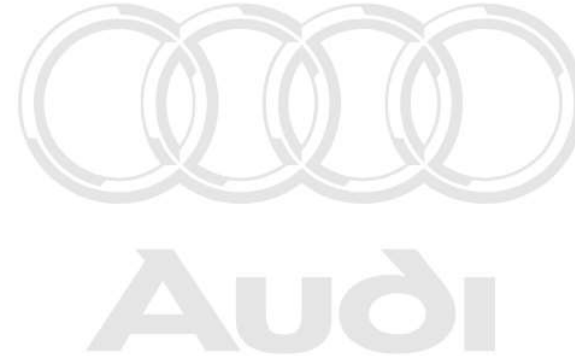
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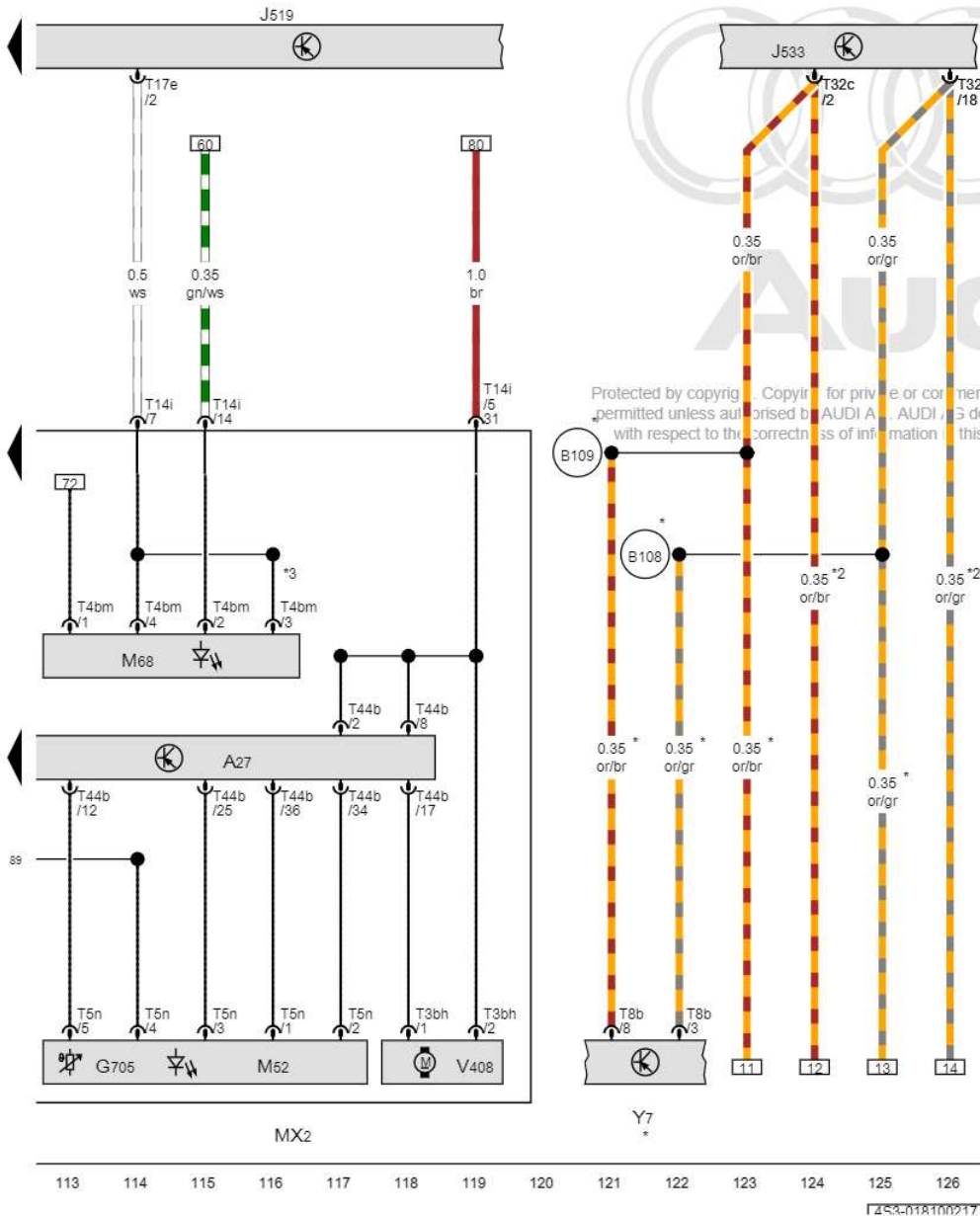


Right LED headlamp power output module 1, Vehicle electrical system control module, Right front headlamp, Right low beam headlamp bulb, Right high beam headlamp bulb

- A27 Right LED headlamp power output module 1
- G704 Right headlamp temperature sensor 1
- G833 Right headlamp temperature sensor 3
- J519 Vehicle electrical system control module
- MX2 Right front headlamp
- M31 Right low beam headlamp bulb
- M32 Right high beam headlamp bulb
- T4df 4-pin connector
- T6ad 6-pin connector
- T7f 7-pin connector
- T14i 14-pin connector, black
- T17e 17-pin connector, red
- T44b 44-pin connector



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Right LED headlamp power output module 1, Vehicle electrical system control module, Data bus on board diagnostic interface, Right front headlamp, Right stationary cornering lamp, Right auxiliary high beam bulb, Right headlamp fan

- A27 Right LED headlamp power output module 1
- G705 Right headlamp temperature sensor 2
- J519 Vehicle electrical system control module
- J533 Data bus on board diagnostic interface
- MX2 Right front headlamp
- M52 Right stationary cornering lamp
- M68 Right auxiliary high beam bulb
- T3bh 3-pin connector
- T4bm 4-pin connector
- T5n 5-pin connector
- T8b 8-pin connector, black
- T14i 14-pin connector, black
- T17e 17-pin connector, red
- T32c 32-pin connector, black
- T44b 44-pin connector
- V408 Right headlamp fan
- Y7 Automatic dimming interior rearview mirror
- B108 CAN bus extended high connection 1 (in main wiring harness)
- B109 CAN bus extended low connection 1 (in main wiring harness)
- \* Only for vehicles with high beam assist
- \*2 Only for vehicles without high beam assist
- \*3 Coding wire

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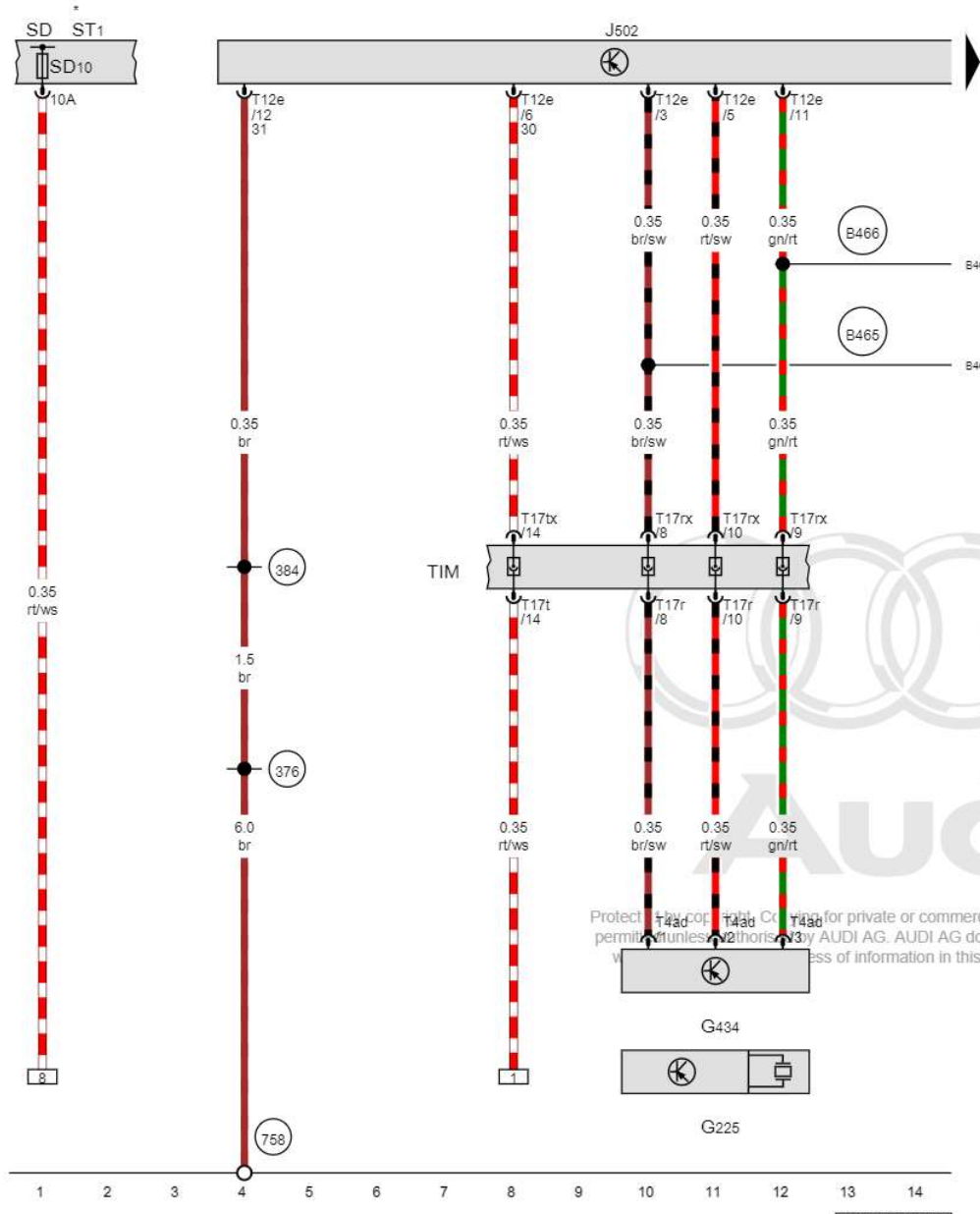
Tire pressure monitoring , (7K3),(7K4)  
from September 2015



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Right rear tire pressure monitoring transmitter in wheel housing, Tire pressure monitoring control module

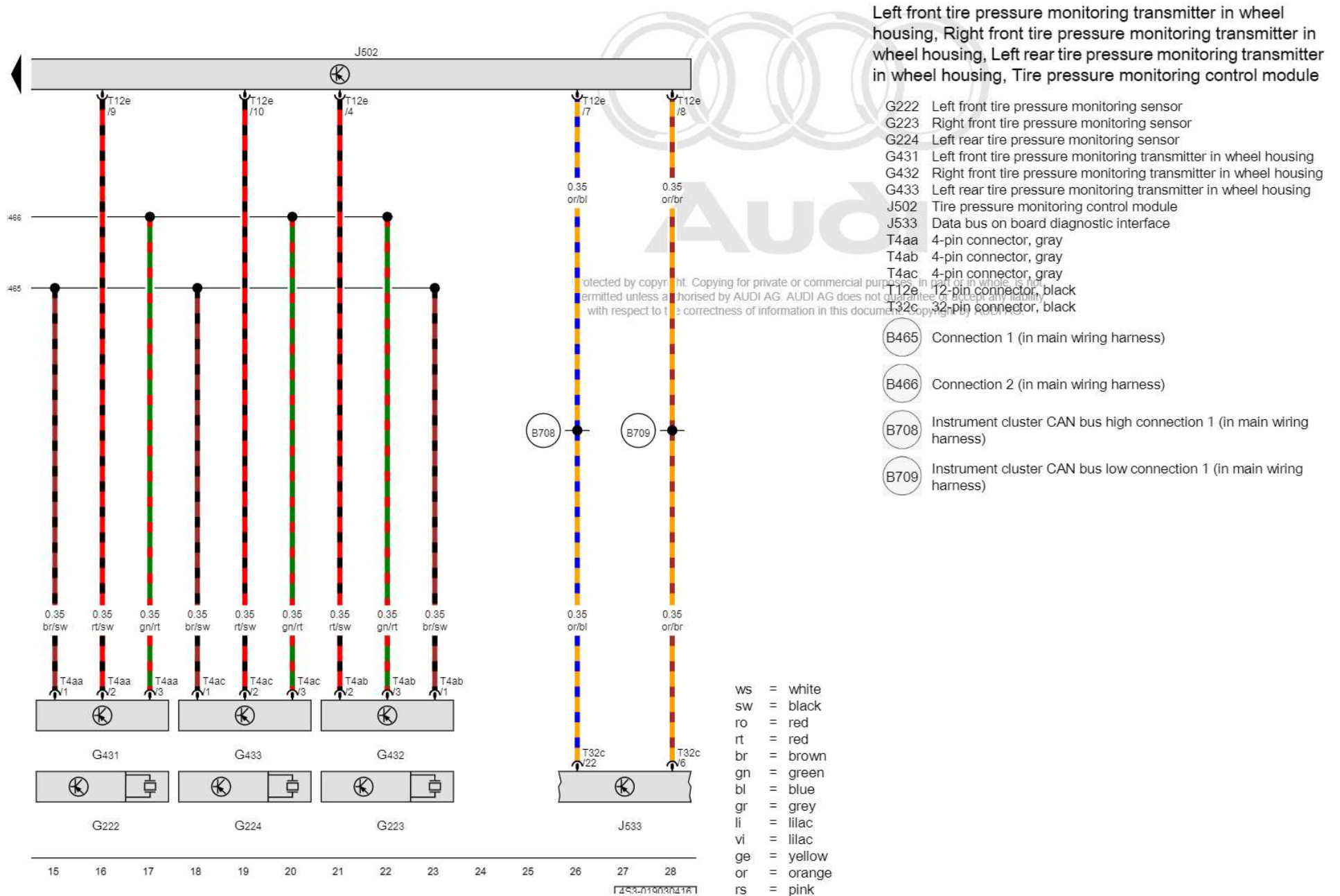


- G225 Right rear tire pressure monitoring sensor
- G434 Right rear tire pressure monitoring transmitter in wheel housing
- J502 Tire pressure monitoring control module
- SD Fuse panel D
- ST1 Fuse panel 1
- SD10 Fuse 10 (on fuse panel D)
- T4ad 4-pin connector, gray
- T12e 12-pin connector, black
- T17r 17-pin connector, black
- T17rx 17-pin connector, black
- T17t 17-pin connector, brown
- T17tx 17-pin connector, brown
- TIM Coupling point in interior, center
- 376 Ground connection 11 (in main wiring harness)
- 384 Ground connection 19 (in main wiring harness)
- 758 Ground connection 3 on center tunnel
- B465 Connection 1 (in main wiring harness)
- B466 Connection 2 (in main wiring harness)
- \* Refer to applicable wiring diagram for fuse positions

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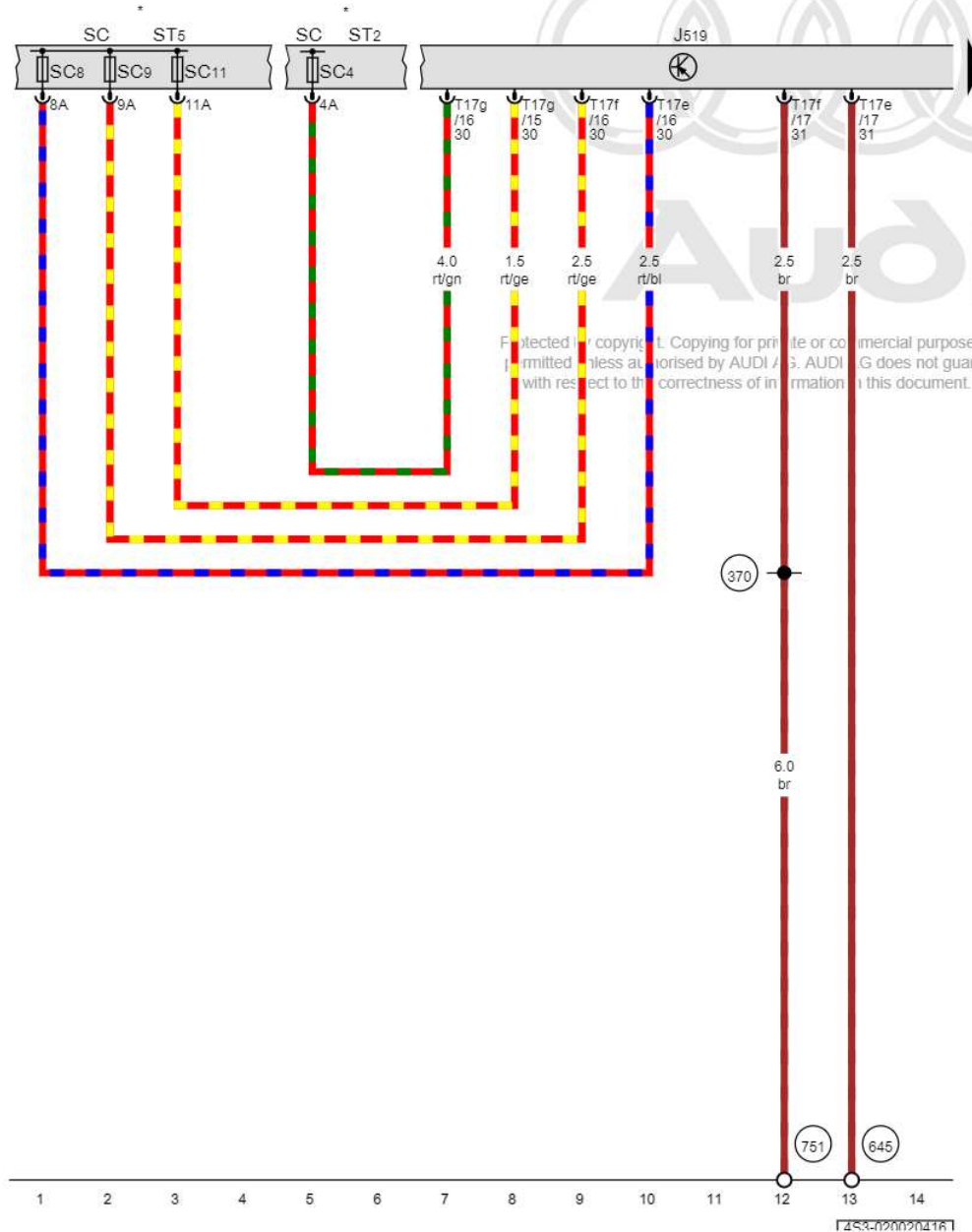
1258:119072178



Parking distance control , (7X2)  
from September 2015



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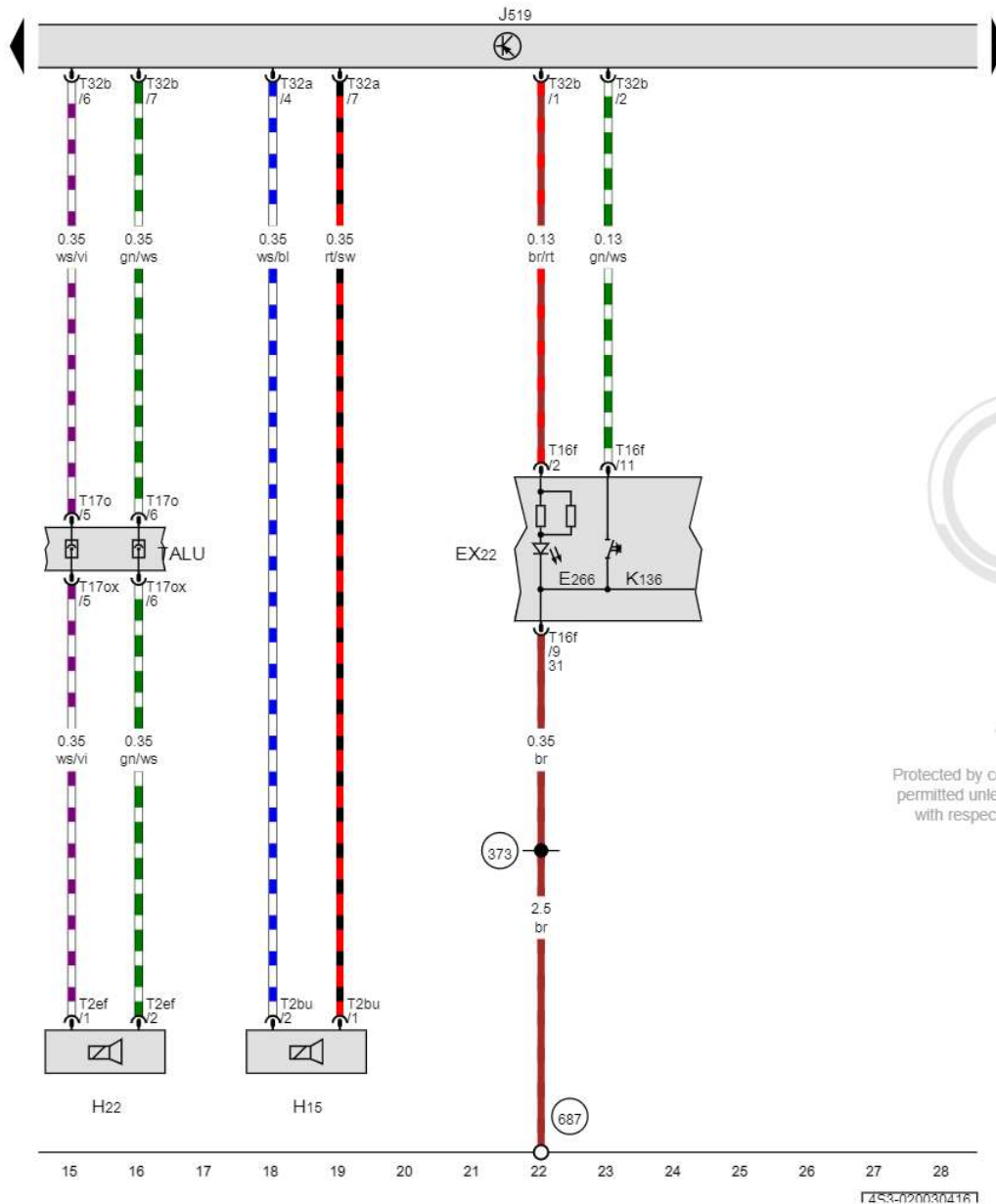
Vehicle electrical system control module

- J519 Vehicle electrical system control module
- SC Fuse panel C
- ST2 Fuse panel 2
- SC4 Fuse 4 (on fuse panel C)
- ST5 Fuse panel 5
- SC8 Fuse 8 (on fuse panel C)
- SC9 Fuse 9 (on fuse panel C)
- SC11 Fuse 11 (on fuse panel C)
- T17e 17-pin connector, red
- T17f 17-pin connector, green
- T17g 17-pin connector, black

- 370 Ground connection 5 (in main wiring harness)
- 645 Ground connection 1 on bulkhead
- 751 Ground connection 2 on right A-pillar

\* Refer to applicable wiring diagram for fuse positions

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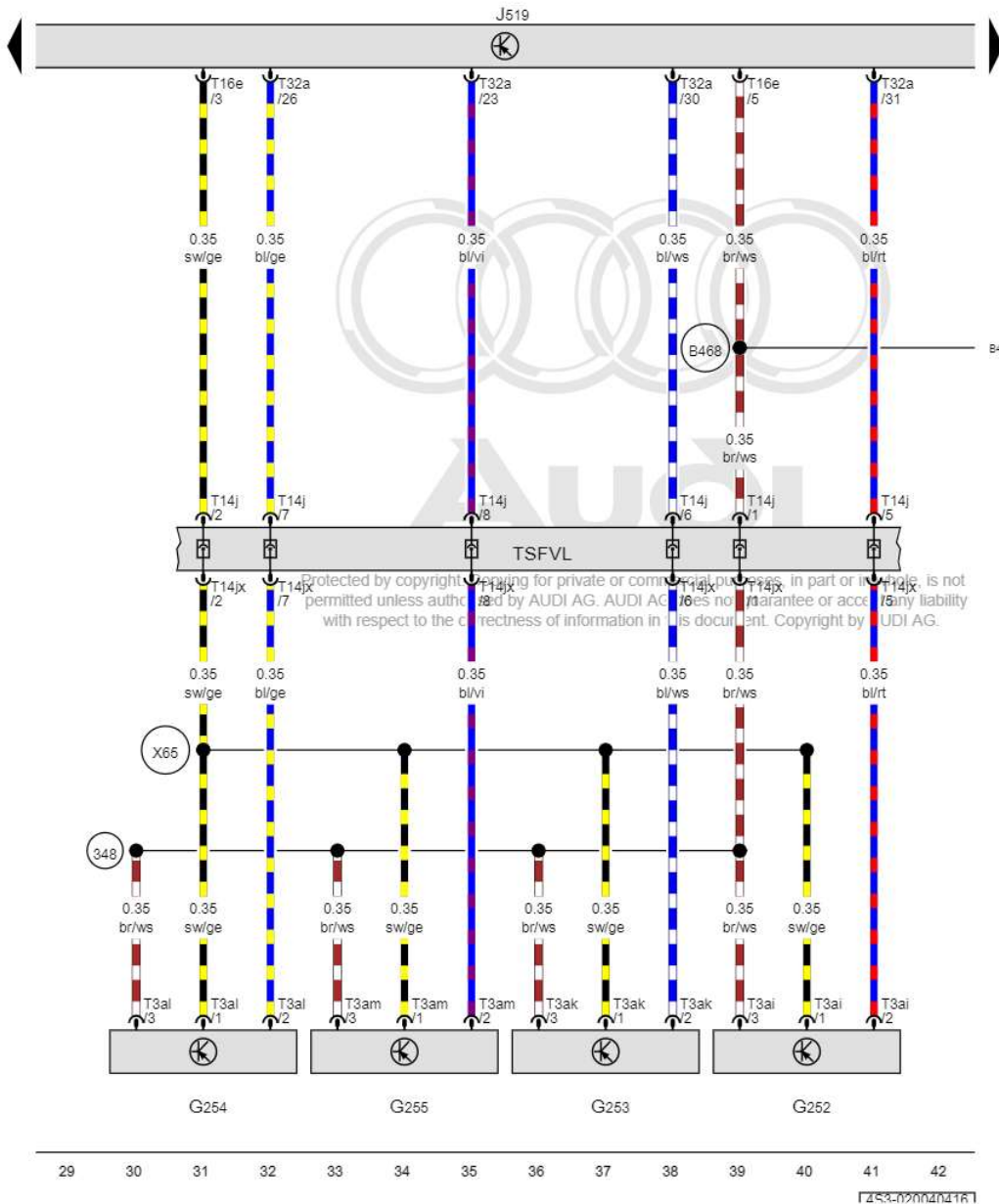


Switch module in instrument panel, center, Parking aid button, Rear parking aid warning buzzer, Front parking aid warning buzzer, Vehicle electrical system control module, Parking aid indicator lamp

- EX22 Switch module in instrument panel, center
- E266 Parking aid button
- H15 Rear parking aid warning buzzer
- H22 Front parking aid warning buzzer
- J519 Vehicle electrical system control module
- K136 Parking aid indicator lamp
- T2bu 2-pin connector, black
- T2ef 2-pin connector, black
- T16f 16-pin connector, brown
- T17o 17-pin connector, black
- T17ox 17-pin connector, black
- T32a 32-pin connector, black
- T32b 32-pin connector, gray
- TALU Coupling point on left A-pillar, bottom
- 373 Ground connection 8 (in main wiring harness)
- 687 Ground connection 1 on center tunnel

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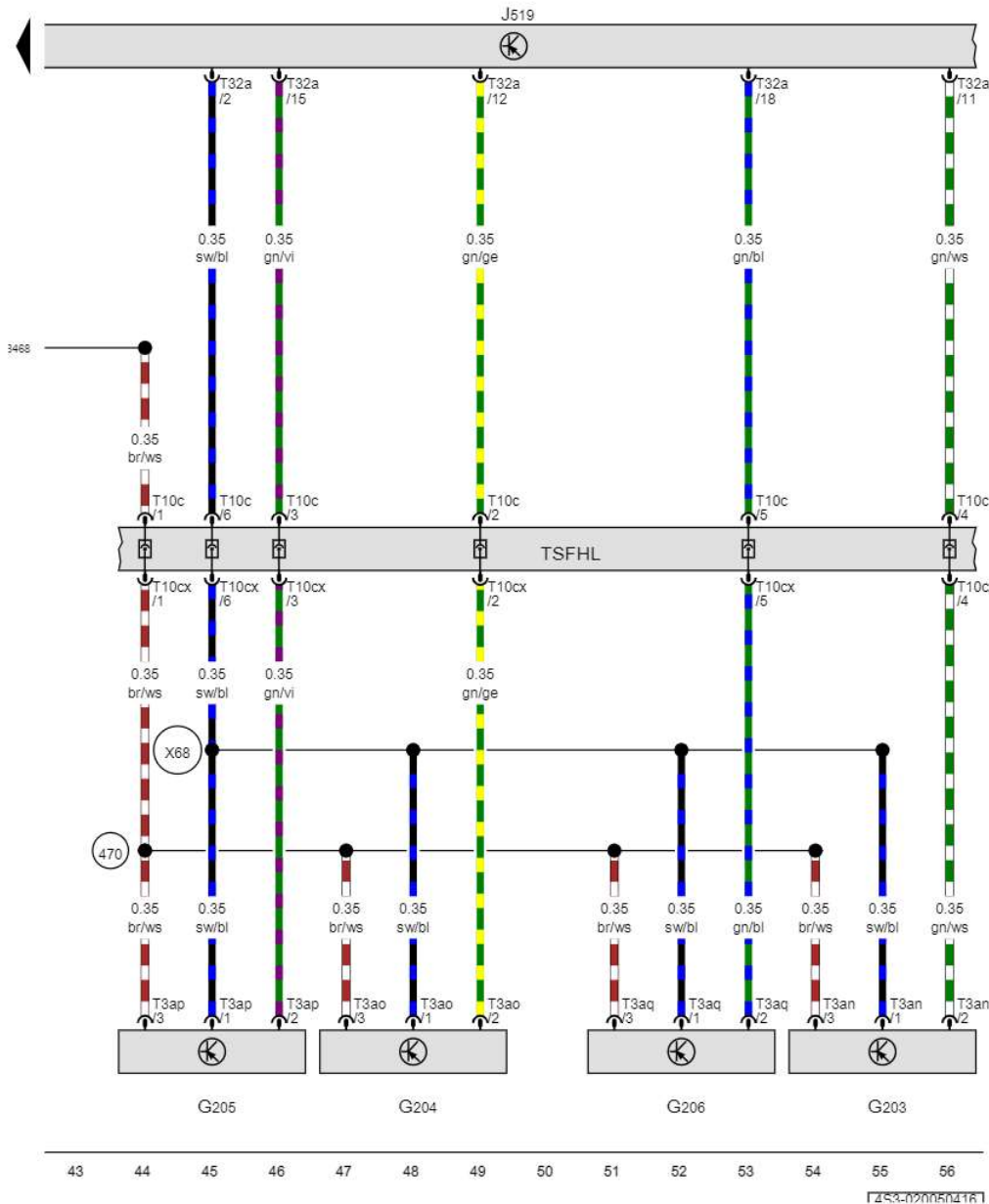


Right front parking aid sensor, Right front center parking aid sensor, Left front center parking aid sensor, Left front parking aid sensor, Vehicle electrical system control module

- G252 Right front parking aid sensor
- G253 Right front center parking aid sensor
- G254 Left front center parking aid sensor
- G255 Left front parking aid sensor
- J519 Vehicle electrical system control module
- T3ai 3-pin connector, black
- T3ak 3-pin connector, black
- T3al 3-pin connector, black
- T3am 3-pin connector, black
- T14j 14-pin connector, black
- T14x 14-pin connector, black
- T16e 16-pin connector, brown
- T32a 32-pin connector, black
- TSFVL Coupling point on left front bumper

- 348 Parking aid ground connection (in front bumper wiring harness)
- B468 Connection 4 (in main wiring harness)
- X65 Parking aid connection (in front bumper wiring harness)

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Left rear parking aid sensor, Left rear center parking aid sensor, Right rear center parking aid sensor, Right rear parking aid sensor, Vehicle electrical system control module

- G203 Left rear parking aid sensor
- G204 Left rear center parking aid sensor
- G205 Right rear center parking aid sensor
- G206 Right rear parking aid sensor
- J519 Vehicle electrical system control module
- T3an 3-pin connector, black
- T3ao 3-pin connector, black
- T3ap 3-pin connector, black
- T3aq 3-pin connector, black
- T10c 10-pin connector, black
- T10cx 10-pin connector, black
- T32a 32-pin connector, black
- TSFHL Coupling point on left rear bumper

- (470) Ground connection 1 (in rear bumper wiring harness)
- (B468) Connection 4 (in main wiring harness)
- (X68) Parking aid connection (in rear bumper wiring harness)

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Garage door opener , (VC1)  
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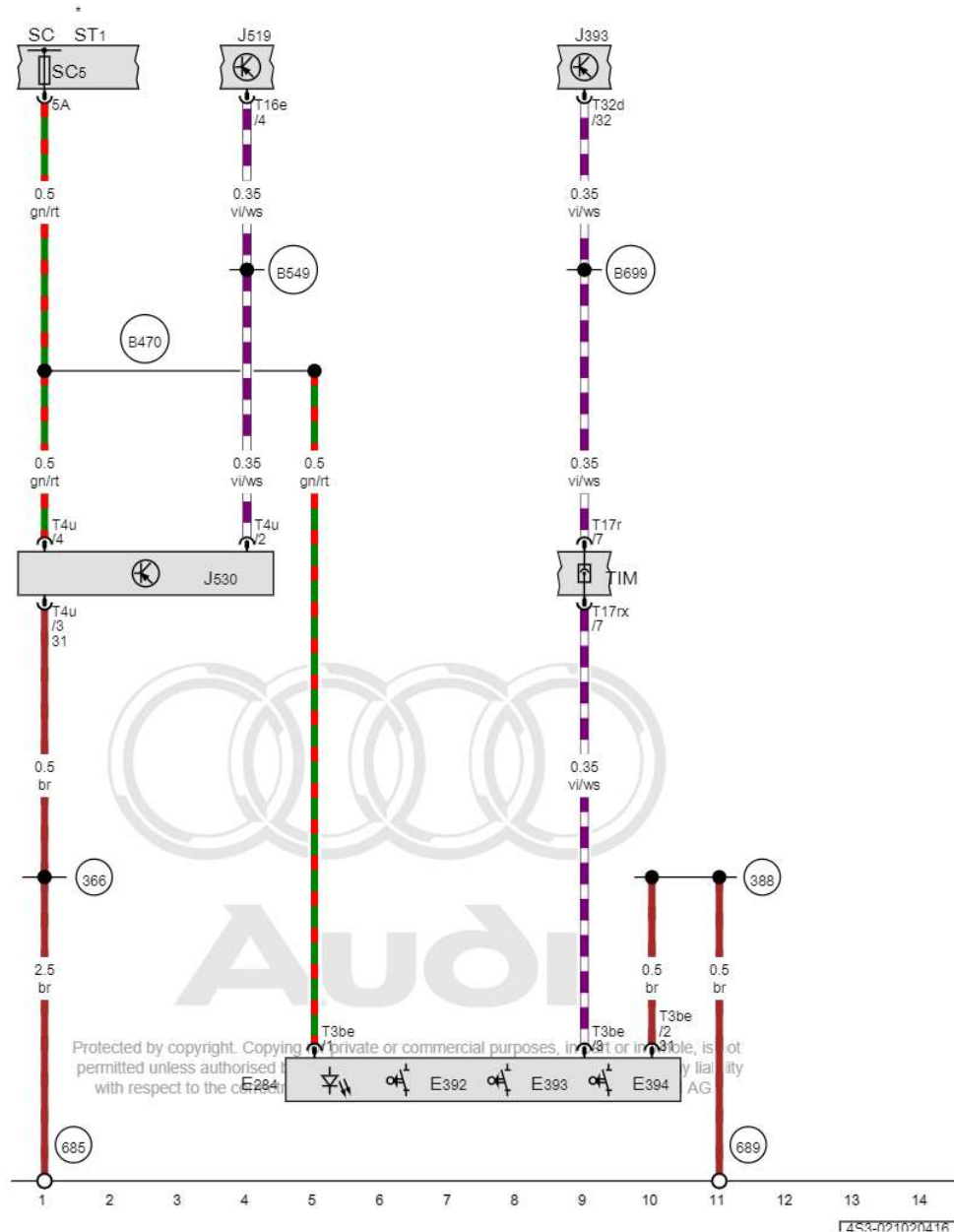
Garage door opener control head, Garage door opener button 1, Garage door opener button 2, Garage door opener button 3, Garage door opener control module

- E284 Garage door opener control head
- E392 Garage door opener button 1
- E393 Garage door opener button 2
- E394 Garage door opener button 3
- J393 Comfort system central control module
- J519 Vehicle electrical system control module
- J530 Garage door opener control module
- SC Fuse panel C
- ST1 Fuse panel 1
- SC5 Fuse 5 (on fuse panel C)
- T3be 3-pin connector, black
- T4u 4-pin connector, black
- T16e 16-pin connector, brown
- T17r 17-pin connector, black
- T17rx 17-pin connector, black
- T32d 32-pin connector, black
- TIM Coupling point in interior, center

- 366 Ground connection 1 (in main wiring harness)
- 388 Ground connection 23 (in main wiring harness)
- 685 Ground connection 1 on right front longitudinal member
- 689 Ground connection on roof, center front
- B470 Connection 6 (in main wiring harness)
- B549 LIN bus connection 2 (in main wiring harness)
- B699 LIN bus connection 4 (in main wiring harness)

\* Refer to applicable wiring diagram for fuse positions

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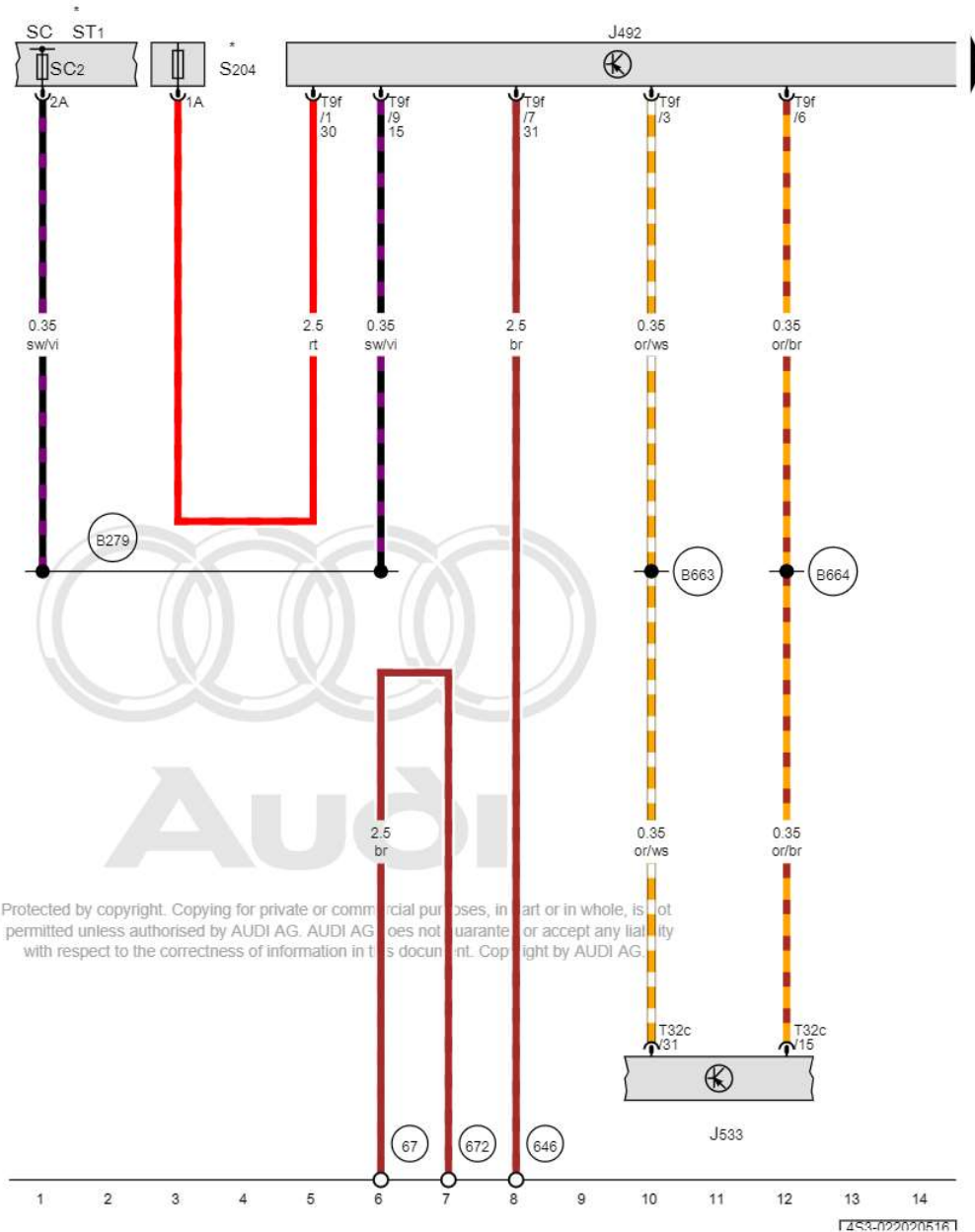
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All wheel drive , (1X1)  
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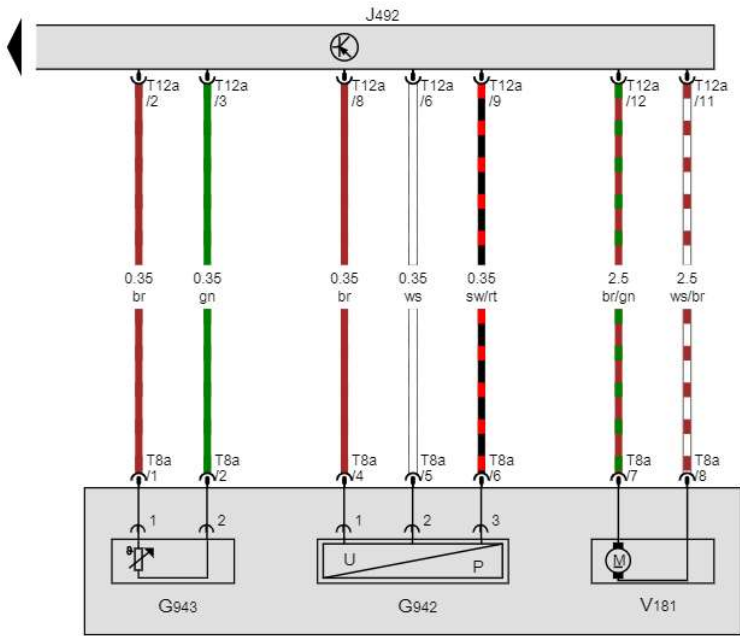
All wheel drive control module, Data bus on board diagnostic interface, Fuse 1 (terminal 30)



- J492 All wheel drive control module
- J533 Data bus on board diagnostic interface
- SC Fuse panel C
- ST1 Fuse panel 1
- SC2 Fuse 2 (on fuse panel C)
- S204 Fuse 1 (terminal 30)
- T9f 9-pin connector, gray
- T32c 32-pin connector, black
- 67 Ground connection on left front crossmember
- 646 Ground connection 2 on bulkhead
- 672 Ground connection 2 on left front longitudinal member
- B279 Positive connection 3 (15a) (in main wiring harness)
- B663 Suspension sensor CAN bus high connection (in main wiring harness)
- B664 Suspension sensor CAN bus low connection (in main wiring harness)
- \* Refer to applicable wiring diagram for fuse positions

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All wheel drive hydraulic pressure sensor, All wheel drive hydraulic temperature sensor, All wheel drive control module, Haldex clutch pump

- G942 All wheel drive hydraulic pressure sensor
- G943 All wheel drive hydraulic temperature sensor
- J492 All wheel drive control module
- T8a 8-pin connector, black
- T12a 12-pin connector, green
- V181 Haldex clutch pump

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Seats, heated , (4A3)  
from September 2015

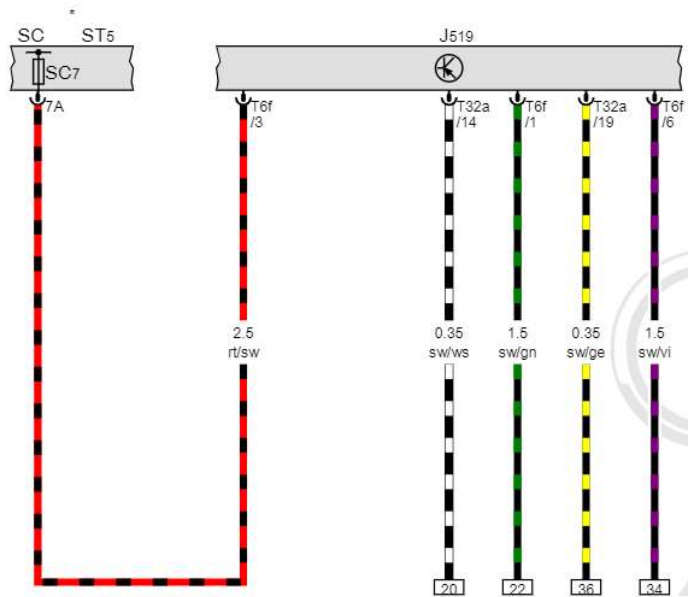


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Vehicle electrical system control module

- J519 Vehicle electrical system control module
- SC Fuse panel C
- ST5 Fuse panel 5
- SC7 Fuse 7 (on fuse panel C)
- T6f 6-pin connector, black
- T32a 32-pin connector, black
- \* Refer to applicable wiring diagram for fuse positions



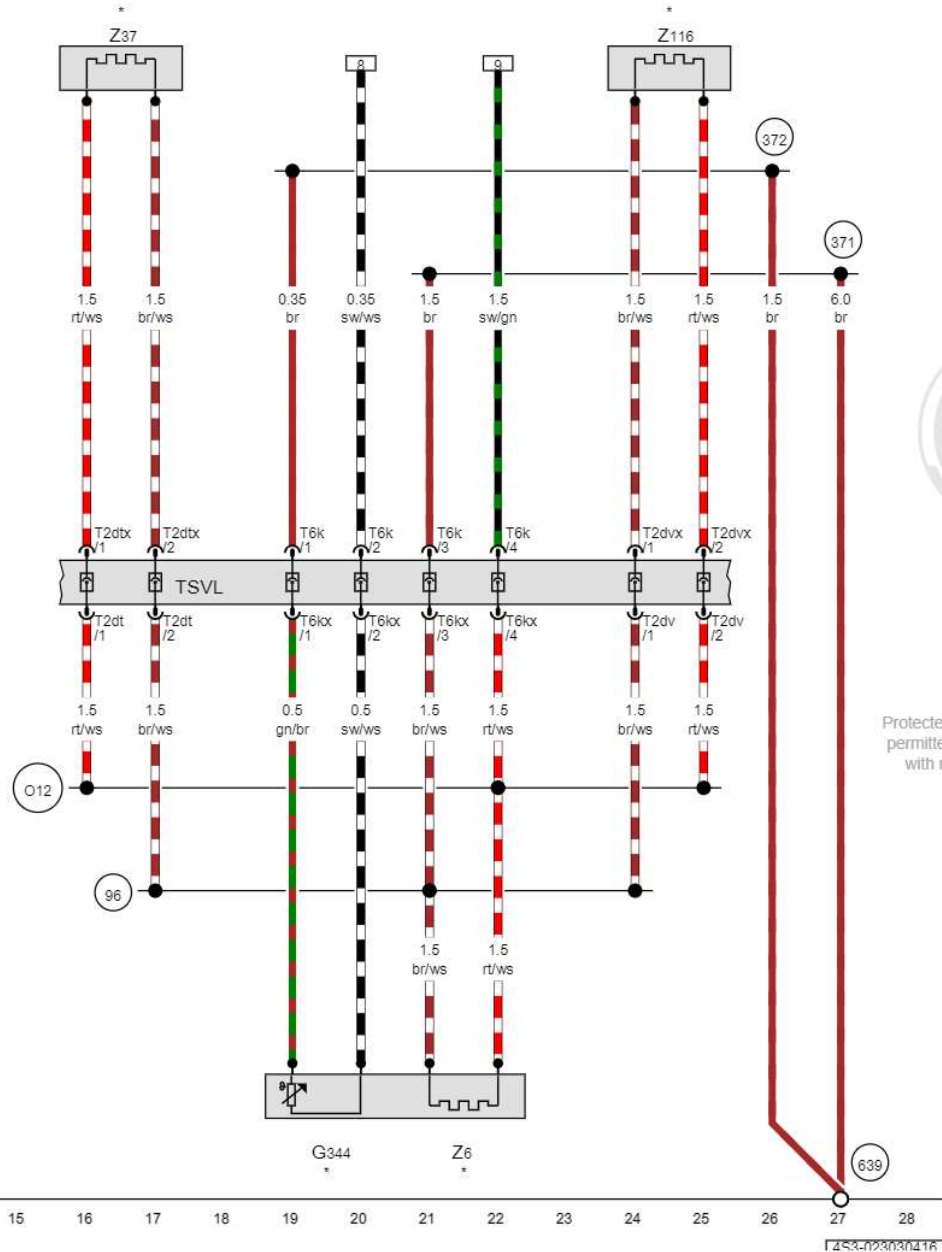
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Left front seat temperature sensor, Driver seat heating element, Heated driver seat extension, Left front seat heated backrest

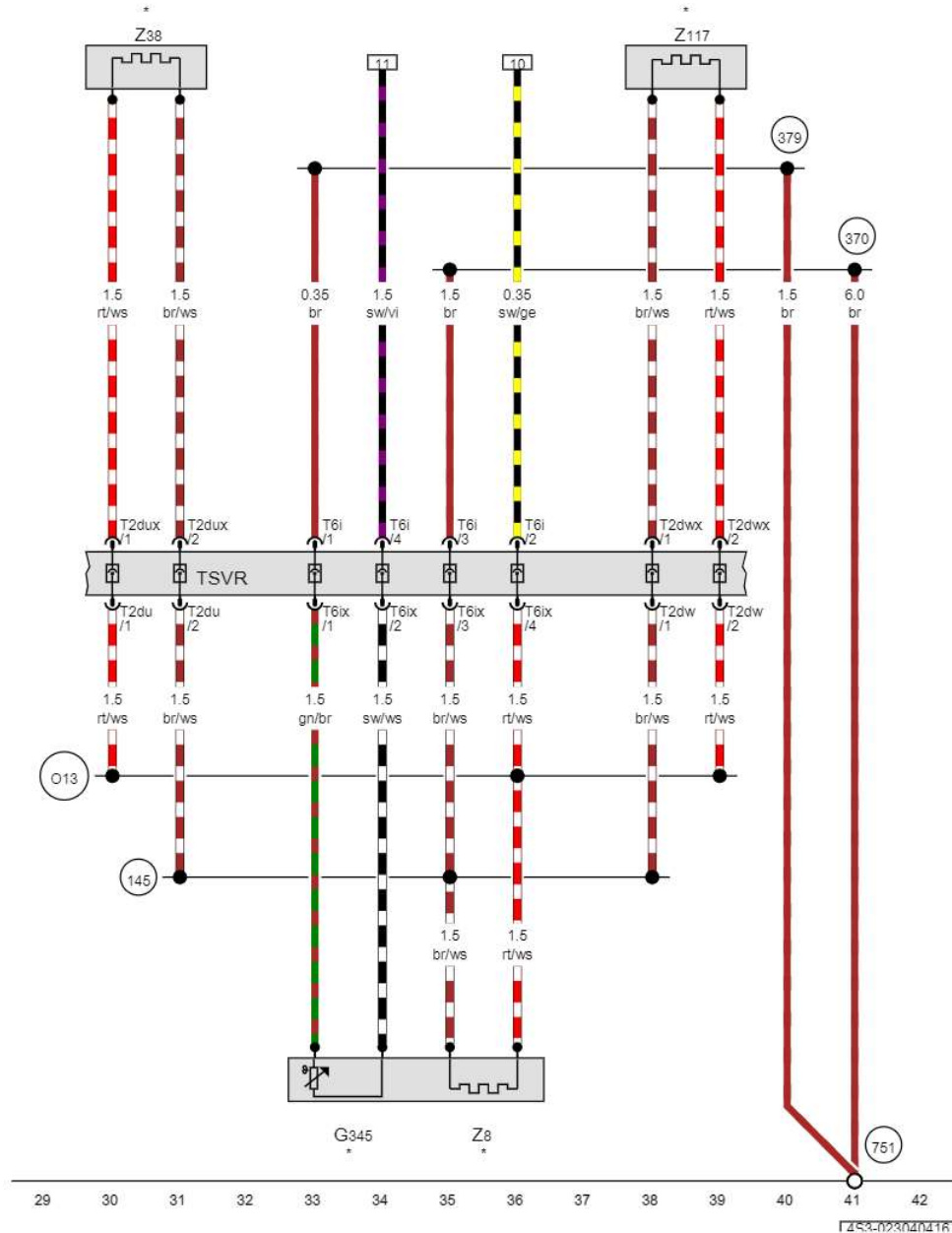
- G344 Left front seat temperature sensor
- T2dt 2-pin connector
- T2dtx 2-pin connector
- T2dv 2-pin connector
- T2dvx 2-pin connector
- T6k 6-pin connector, green
- T6kx 6-pin connector, green
- TSVL Left front seat coupling station
- Z6 Driver seat heating element
- Z37 Heated driver seat extension
- Z116 Left front seat heated backrest

- 96 Ground connection 1 (in heated seats wiring harness)
- 371 Ground connection 6 (in main wiring harness)
- 372 Ground connection 7 (in main wiring harness)
- 639 Ground connection on left A-pillar
- O12 Connection 1 (in heated seats wiring harness)
- \* pre-wired component



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Right front seat temperature sensor, Front passenger seat heating element, Heated front passenger seat extension, Right front seat heated backrest



- G345 Right front seat temperature sensor
- T2du 2-pin connector
- T2dux 2-pin connector
- T2dw 2-pin connector
- T2dwx 2-pin connector
- T6i 6-pin connector, green
- T6ix 6-pin connector, green
- TSVR Right front seat coupling station
- Z8 Front passenger seat heating element
- Z38 Heated front passenger seat extension
- Z117 Right front seat heated backrest

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- 145 Ground connection 3 (in heated seats wiring harness)
- 370 Ground connection 5 (in main wiring harness)
- 379 Ground connection 14 (in main wiring harness)
- 751 Ground connection 2 on right A-pillar
- O13 Connection 2 (in heated seats wiring harness)
- \* pre-wired component

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Level control system with dampening adjustment , (2MN)

from September 2015



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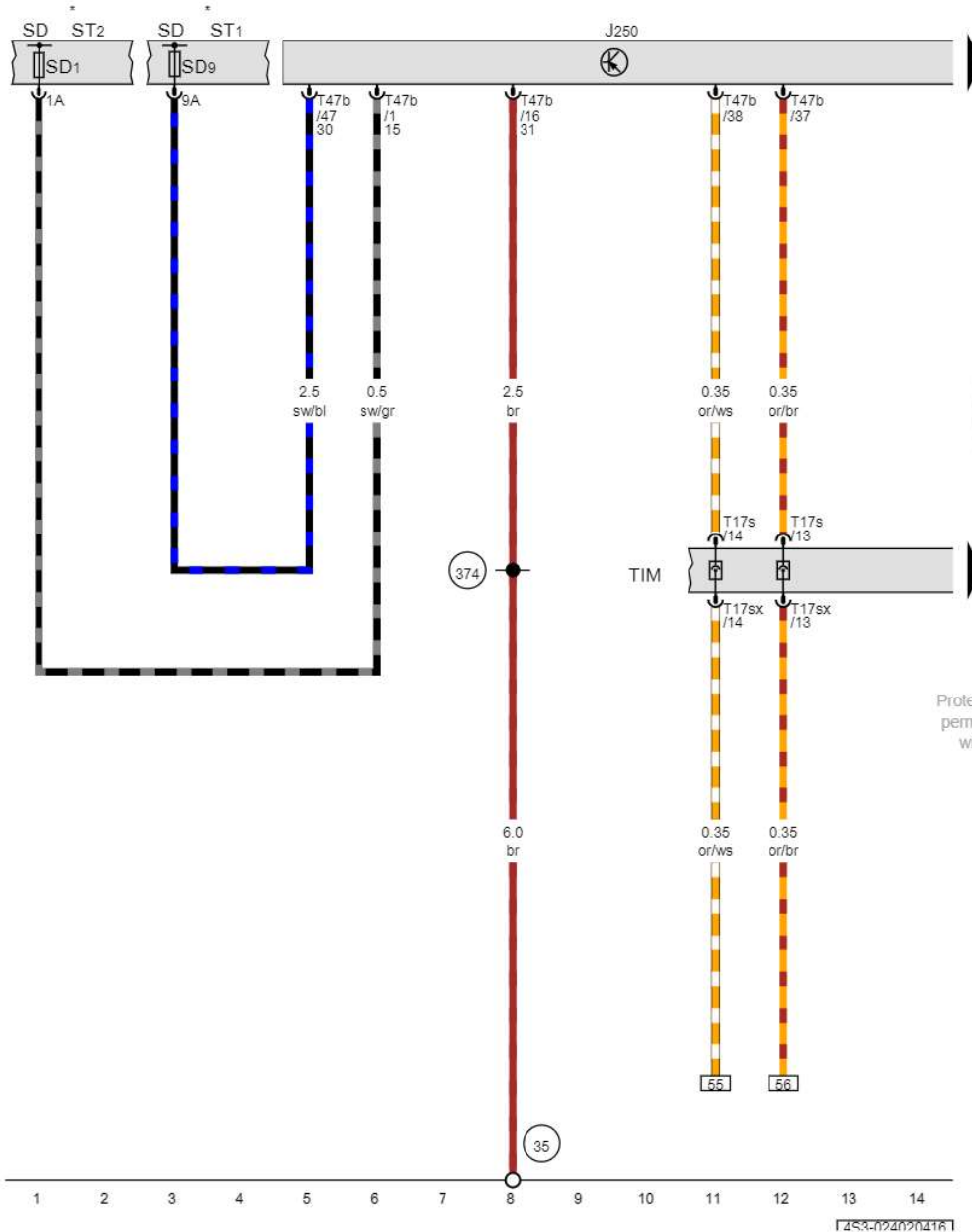
Electronic damping control module

- J250 Electronic damping control module
- SD Fuse panel D
- SD1 Fuse 1 (on fuse panel D)
- ST1 Fuse panel 1
- ST2 Fuse panel 2
- SD9 Fuse 9 (on fuse panel D)
- T17s 17-pin connector, red
- T17sx 17-pin connector, red
- T47b 47-pin connector, black
- TIM Coupling point in interior, center

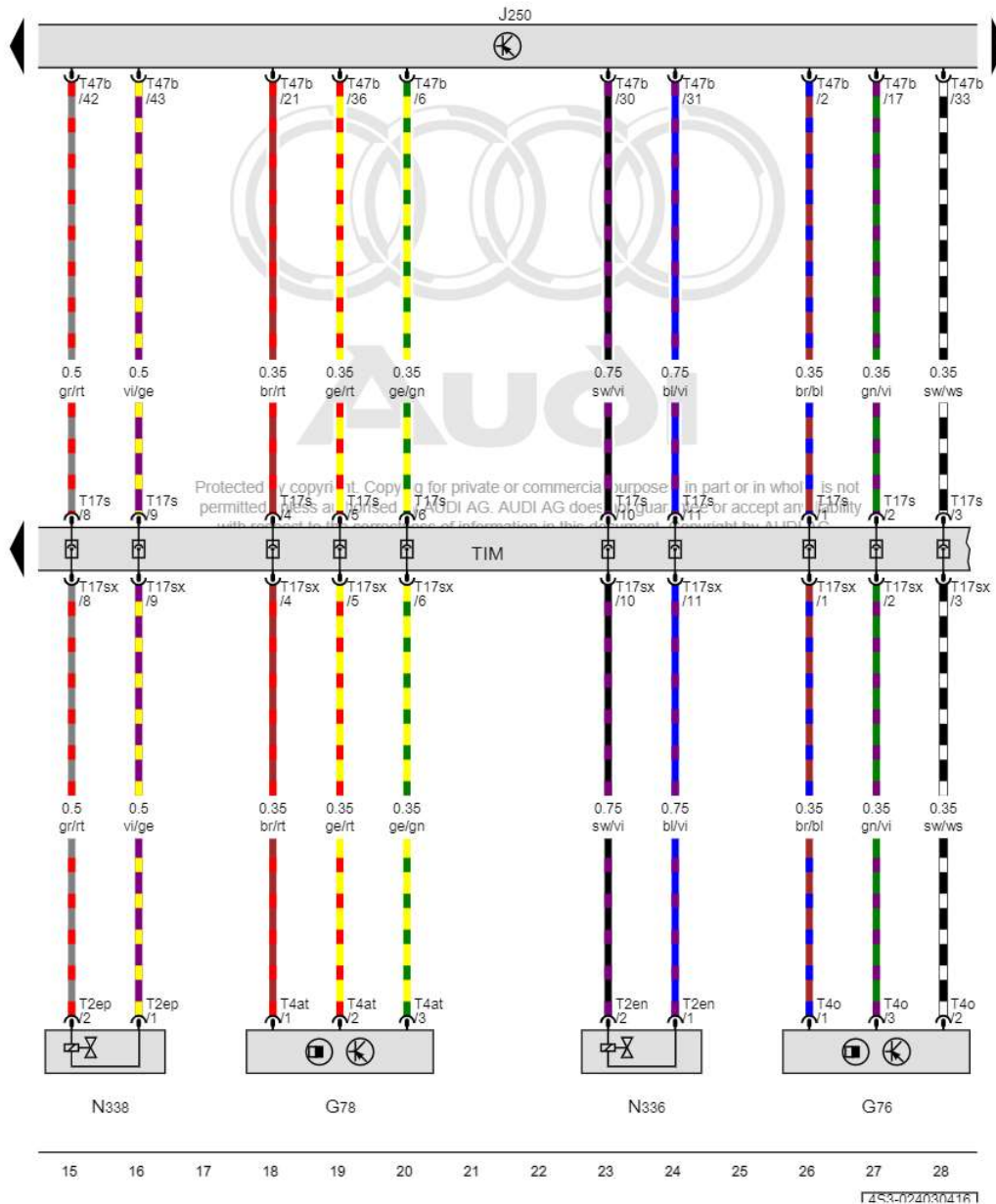
35 Ground connection under front passenger seat

374 Ground connection 9 (in main wiring harness)

\* Refer to applicable wiring diagram for fuse positions



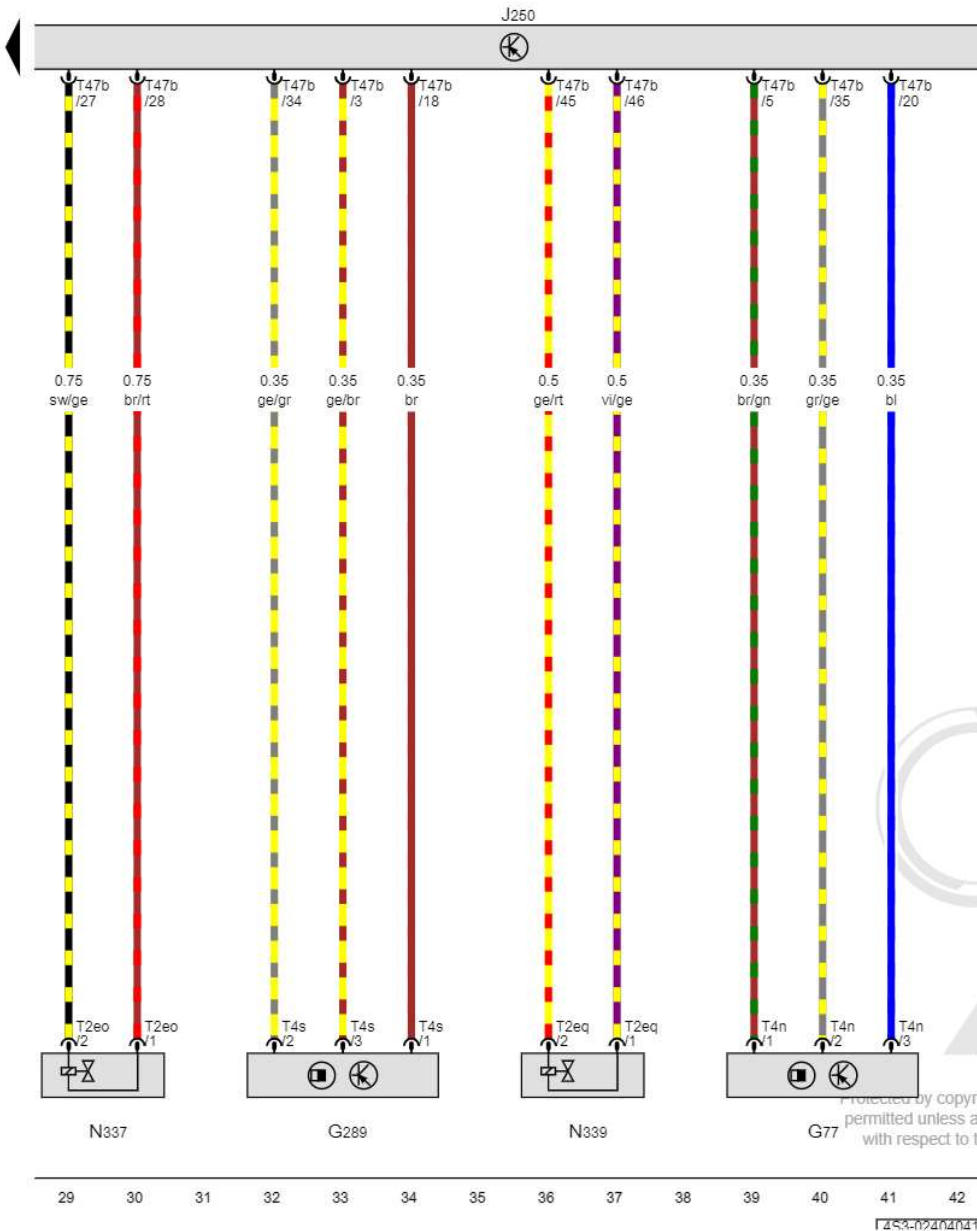
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Left rear level control system sensor, Left front level control system sensor, Electronic damping control module, Left front damping adjustment valve, Left rear damping adjustment valve

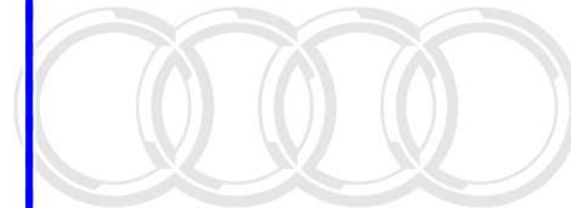
- G76 Left rear level control system sensor
- G78 Left front level control system sensor
- J250 Electronic damping control module
- N336 Left front damping adjustment valve
- N338 Left rear damping adjustment valve
- T2en 2-pin connector, black
- T2ep 2-pin connector, black
- T4at 4-pin connector, black
- T4o 4-pin connector, black
- T17s 17-pin connector, red
- T17sx 17-pin connector, red
- T47b 47-pin connector, black
- TIM Coupling point in interior, center

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- or = orange
- rs = pink



Right rear level control system sensor, Right front level control system sensor, Electronic damping control module, Right front damping adjustment valve, Right rear damping adjustment valve

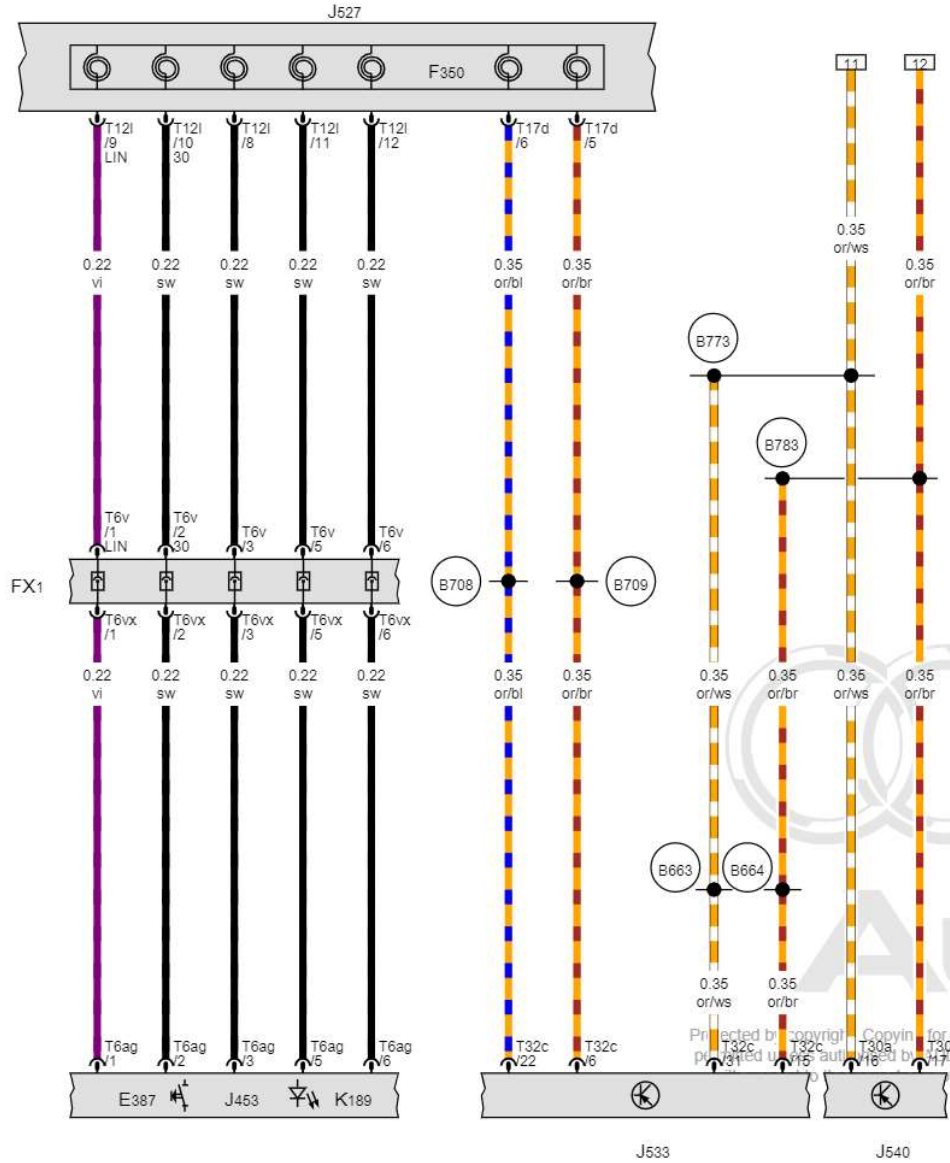
- G77 Right rear level control system sensor
- G289 Right front level control system sensor
- J250 Electronic damping control module
- N337 Right front damping adjustment valve
- N339 Right rear damping adjustment valve
- T2eo 2-pin connector, black
- T2eq 2-pin connector, black
- T4n 4-pin connector, black
- T4s 4-pin connector, black
- T47b 47-pin connector, black



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Damping adjustment button, Steering column electronics control module, Damping adjustment indicator lamp



- E387 Damping adjustment button, on the steering wheel
- FX1 Steering wheel, in the steering wheel
- F350 Spiral spring
- J453 Multifunction steering wheel control module
- J527 Steering column electronics control module
- J533 Data bus on board diagnostic interface
- J540 Electromechanical parking brake control module
- K189 Damping adjustment indicator lamp
- T6ag 6-pin connector, black
- T6v 6-pin connector, black
- T6vx 6-pin connector, black
- T12l 12-pin connector, yellow
- T17d 17-pin connector, black
- T30a 30-pin connector, black
- T32c 32-pin connector, black
- B663 Suspension sensor CAN bus high connection (in main wiring harness)
- B664 Suspension sensor CAN bus low connection (in main wiring harness)
- B708 Instrument cluster CAN bus high connection 1 (in main wiring harness)
- B709 Instrument cluster CAN bus low connection 1 (in main wiring harness)
- B773 Suspension sensor CAN bus high connection 2 (in main wiring harness)
- B783 Suspension sensor CAN bus low connection 2 (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

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

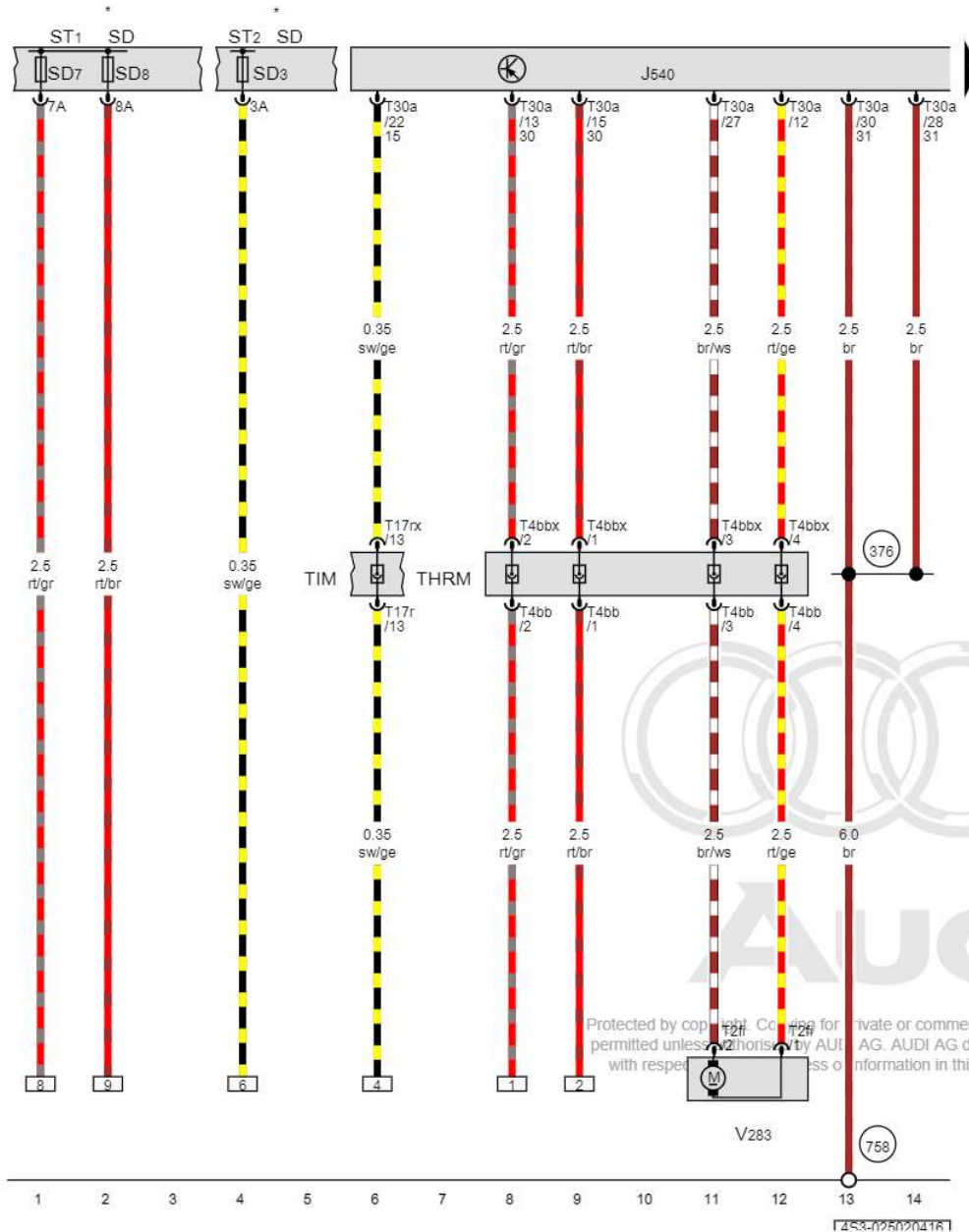
Parking brake, electromechanical  
from September 2015



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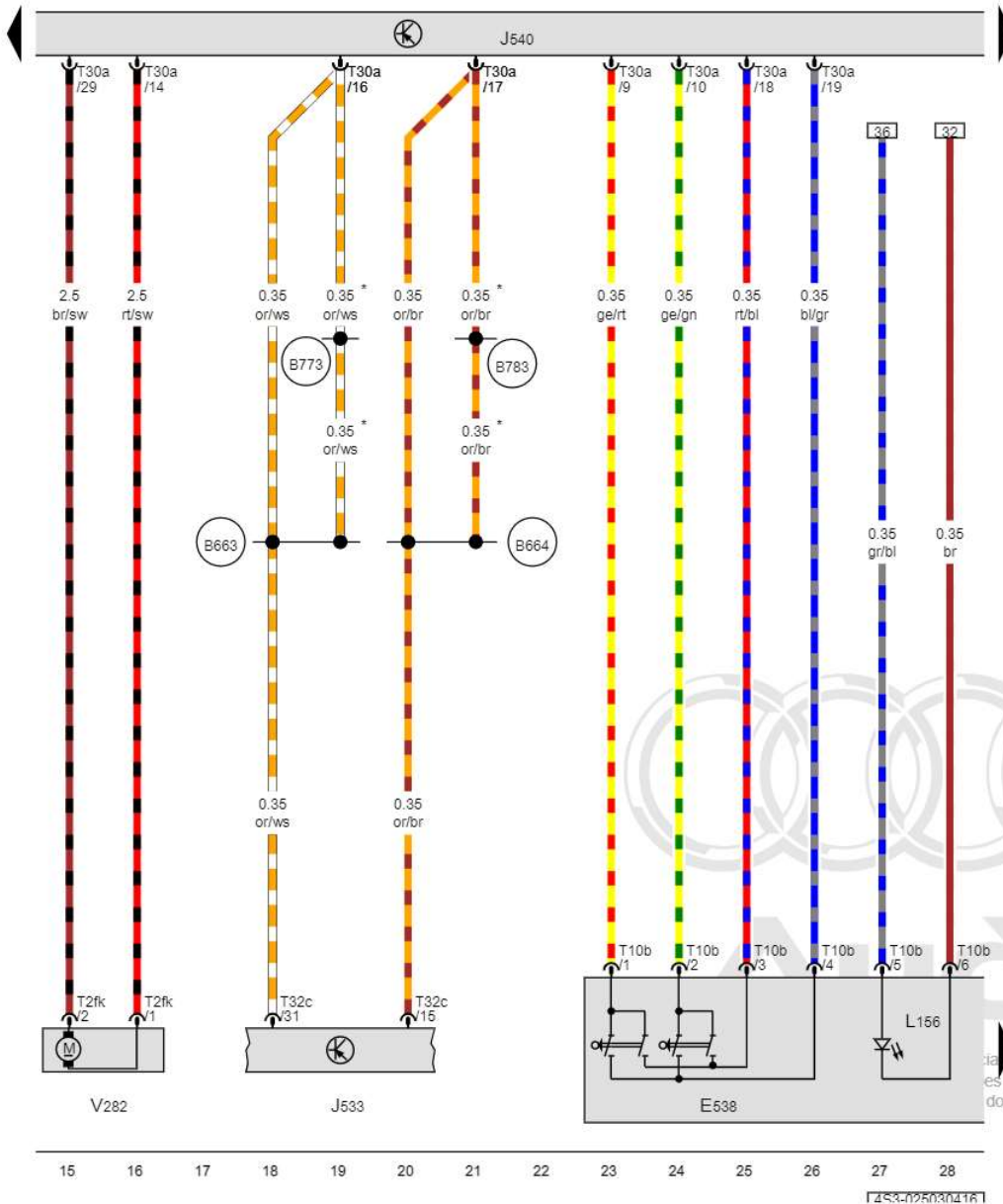
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Electromechanical parking brake control module, Right parking brake motor



- J540 Electromechanical parking brake control module
- SD Fuse panel D
- ST1 Fuse panel 1
- ST2 Fuse panel 2
- SD3 Fuse 3 (on fuse panel D)
- SD7 Fuse 7 (on fuse panel D)
- SD8 Fuse 8 (on fuse panel D)
- T2fi 2-pin connector, brown
- T4bb 4-pin connector, black
- T4bbx 4-pin connector, black
- T17r 17-pin connector, black
- T17rx 17-pin connector, black
- T30a 30-pin connector, black
- THRM Coupling point in luggage compartment, center
- TIM Coupling point in interior, center
- V283 Right parking brake motor
- 376 Ground connection 11 (in main wiring harness)
- 758 Ground connection 3 on center tunnel
- \* Refer to applicable wiring diagram for fuse positions

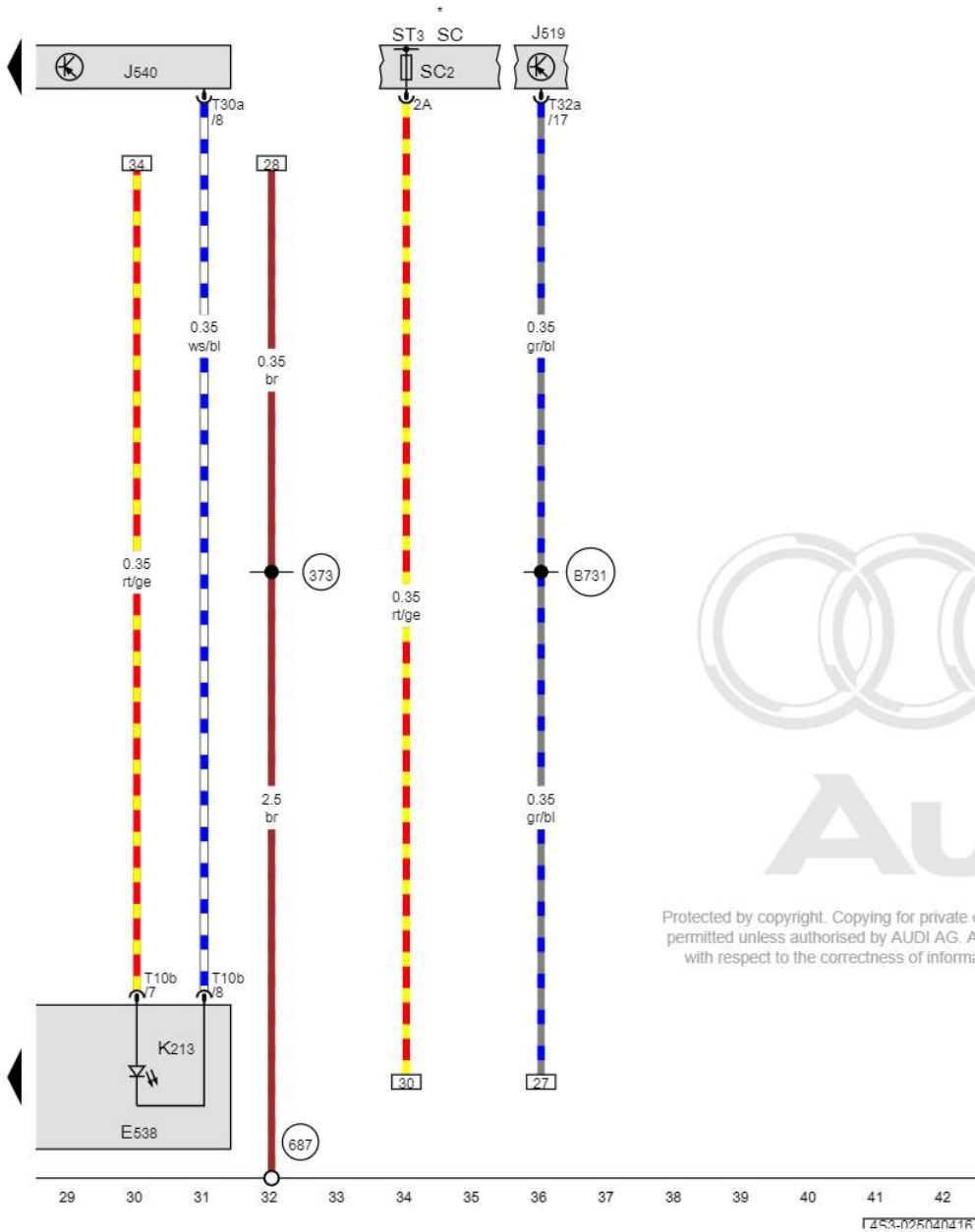
Electromechanical parking brake button, Electromechanical parking brake control module, Left parking brake motor



- E538 Electromechanical parking brake button
- J533 Data bus on board diagnostic interface
- J540 Electromechanical parking brake control module
- L156 Switch illumination bulb
- T2fk 2-pin connector, brown
- T10b 10-pin connector, red
- T30a 30-pin connector, black
- T32c 32-pin connector, black
- V282 Left parking brake motor
- B663 Suspension sensor CAN bus high connection (in main wiring harness)
- B664 Suspension sensor CAN bus low connection (in main wiring harness)
- B773 Suspension sensor CAN bus high connection 2 (in main wiring harness)
- B783 Suspension sensor CAN bus low connection 2 (in main wiring harness)
- \* Only for vehicles with electronic damping

- 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





Electromechanical parking brake button, Electromechanical parking brake control module, Electromechanical parking brake indicator lamp

- E538 Electromechanical parking brake button
- J519 Vehicle electrical system control module
- J540 Electromechanical parking brake control module
- K213 Electromechanical parking brake indicator lamp
- SC Fuse panel C
- SC2 Fuse 2 (on fuse panel C)
- ST3 Fuse panel 3
- T10b 10-pin connector, red
- T30a 30-pin connector, black
- T32a 32-pin connector, black

- 373 Ground connection 8 (in main wiring harness)
- 687 Ground connection 1 on center tunnel
- B731 Connection 58s (in main wiring harness) 1

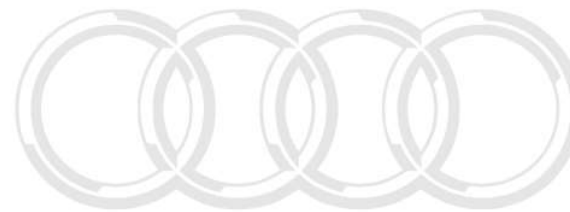
\* Refer to applicable wiring diagram for fuse positions



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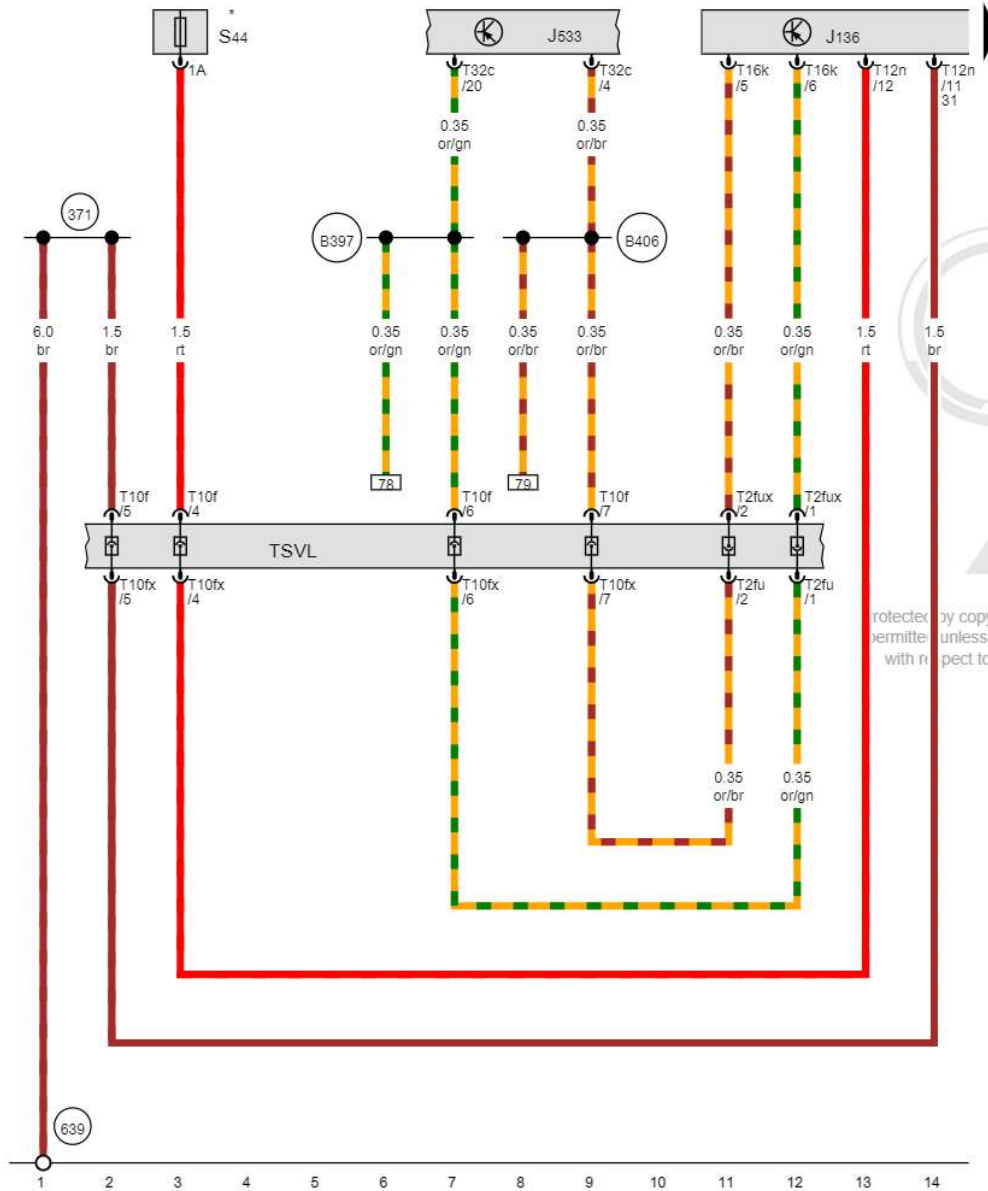
Seat adjustment , (3PN),(3PR)  
from September 2015



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Memory seat/steering column adjustment control module, Data bus on board diagnostic interface, Driver power seat adjustment circuit breaker 1



- J136 Memory seat/steering column adjustment control module
- J533 Data bus on board diagnostic interface
- S44 Driver power seat adjustment circuit breaker 1
- T2fu 2-pin connector, brown
- T2fux 2-pin connector, brown
- T10f 10-pin connector, red
- T10fx 10-pin connector, red
- T12n 12-pin connector, black
- T16k 16-pin connector, black
- T32c 32-pin connector, black
- TSVL Left front seat coupling station

- 371 Ground connection 6 (in main wiring harness)
- 639 Ground connection on left A-pillar
- B397 Comfort system CAN bus high connection 1 (in main wiring harness)
- B406 Comfort system CAN bus low connection 1 (in main wiring harness)

\* Refer to applicable wiring diagram for fuse positions

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- vi = lilac
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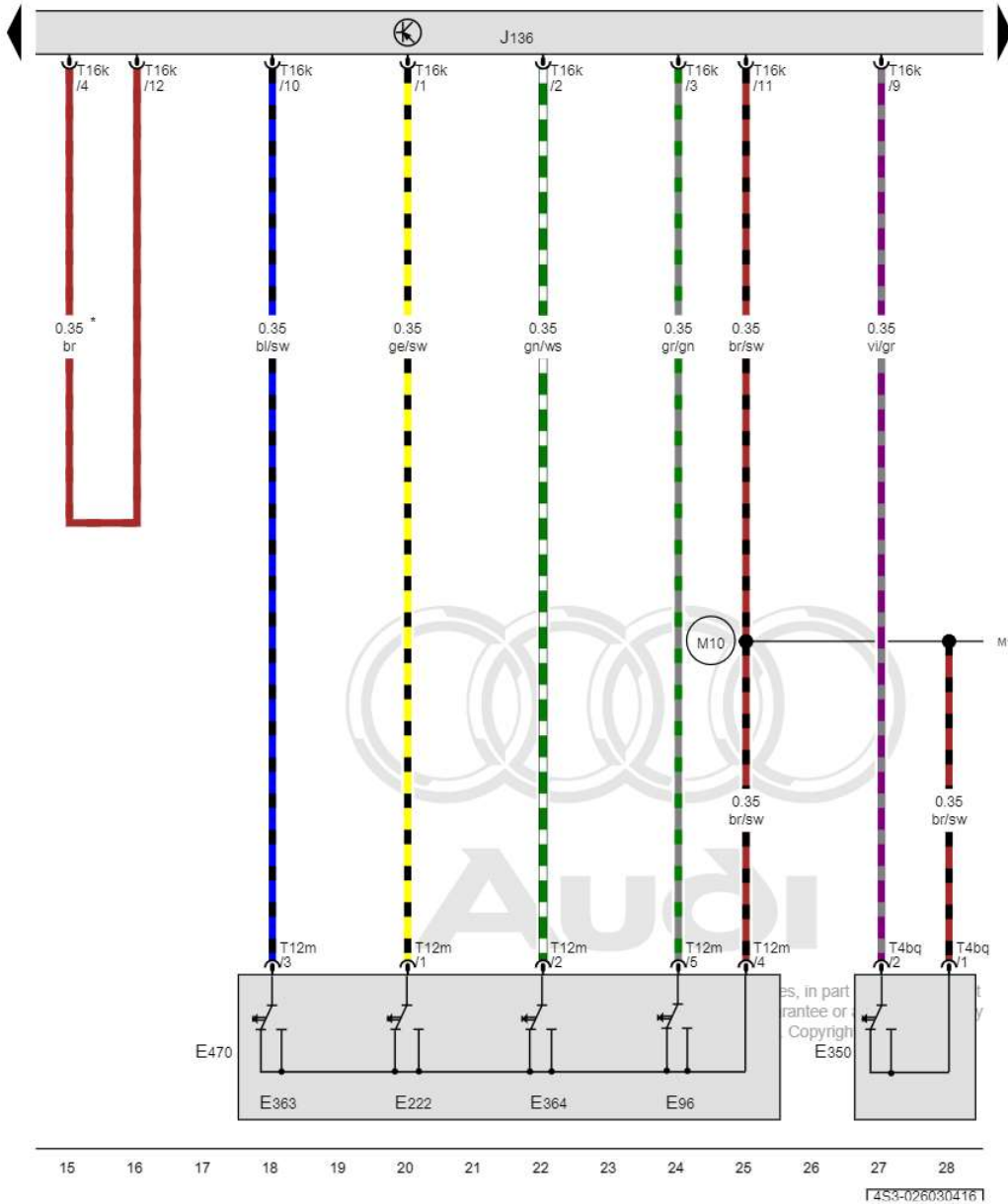
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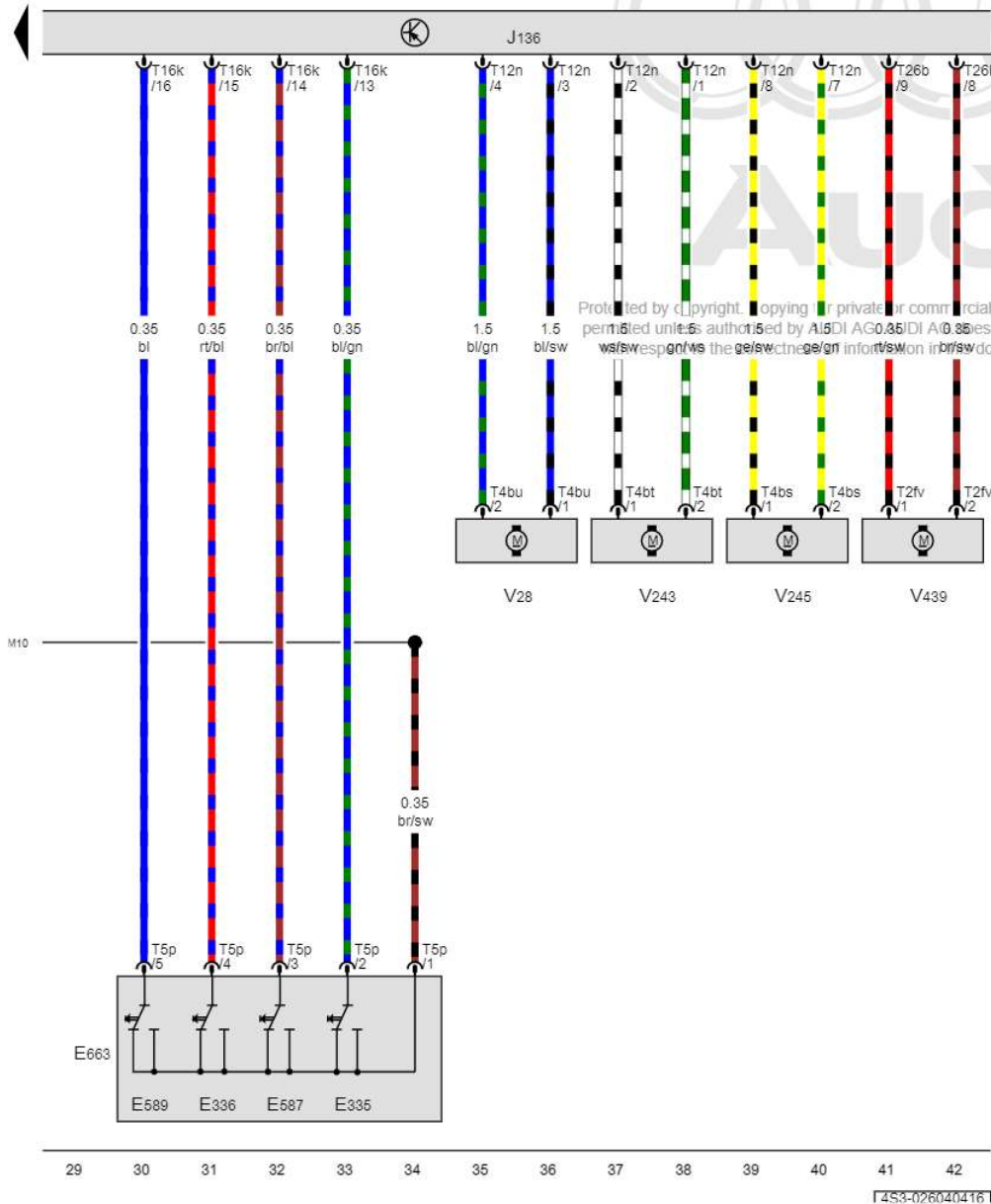
Seat depth adjustment button, Driver seat adjustment control head, Memory seat/steering column adjustment control module

- E96 Driver backrest adjustment switch
- E222 Driver seat angle adjustment switch
- E350 Seat depth adjustment button
- E363 Driver seat forward/back adjustment switch
- E364 Driver seat height adjustment switch
- E470 Driver seat adjustment control head
- J136 Memory seat/steering column adjustment control module
- T4bq 4-pin connector, brown
- T12m 12-pin connector, black
- T16k 16-pin connector, black

M10 Connection 1 (in driver seat adjustment wiring harness)

\* Coding wire



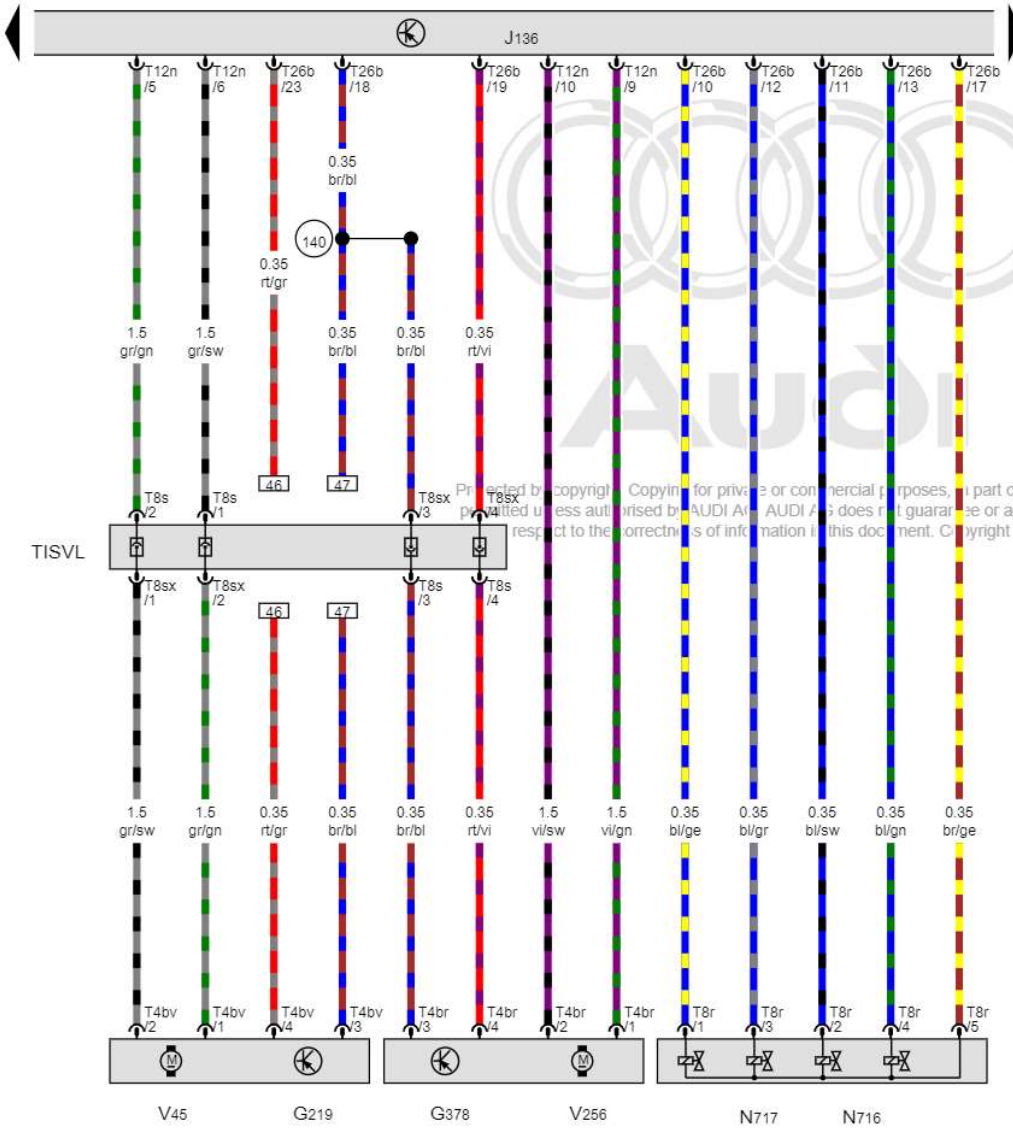


Lumbar support height adjustment button, Lumbar support forward/back adjustment button, Driver seat bolster inflation adjustment button, Driver backrest bolster inflation adjustment button, Driver seat switch module, Memory seat/steering column adjustment control module, Driver seat forward/back adjustment motor, Driver seat angle adjustment motor, Driver seat height adjustment motor, Driver multi-contour seat compressor

- E335 Lumbar support height adjustment button
- E336 Lumbar support forward/back adjustment button
- E587 Driver seat bolster inflation adjustment button
- E589 Driver backrest bolster inflation adjustment button
- E663 Driver seat switch module
- J136 Memory seat/steering column adjustment control module
- T2fv 2-pin connector, black
- T4bs 4-pin connector, black
- T4bt 4-pin connector, black
- T4bu 4-pin connector, black
- T5p 5-pin connector, black
- T12n 12-pin connector, black
- T16k 16-pin connector, black
- T26b 26-pin connector, black
- V28 Driver seat forward/back adjustment motor
- V243 Driver seat angle adjustment motor
- V245 Driver seat height adjustment motor
- V439 Driver multi-contour seat compressor

M10 Connection 1 (in driver seat adjustment 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



Memory seat/steering column adjustment control module, Driver seat bolster air cushion valve, Driver seat backrest bolster air cushion valve, Driver backrest adjustment motor, Driver seat depth adjustment motor

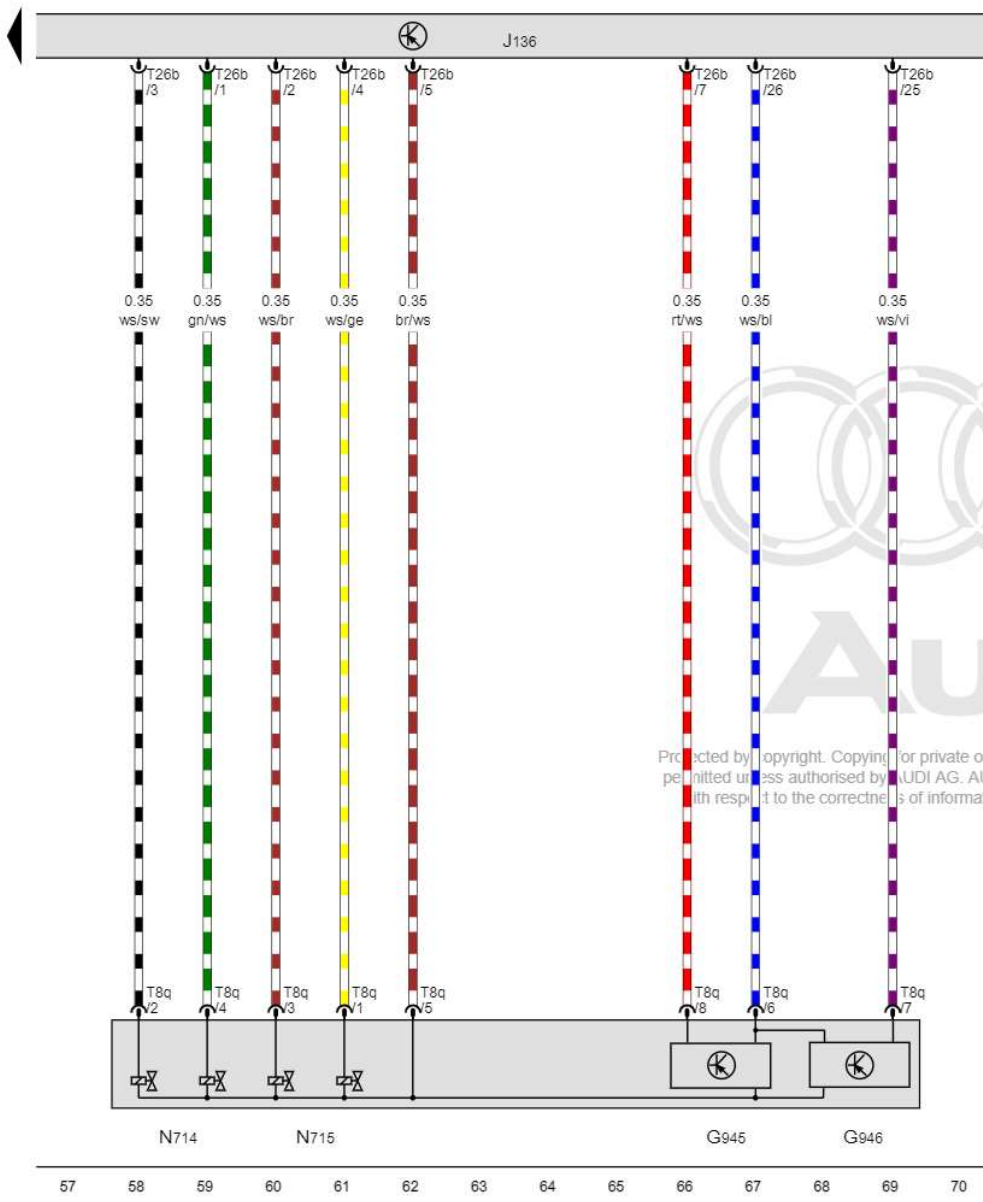
- G219 Driver backrest adjustment sensor
- G378 Seat depth adjustment sensor
- J136 Memory seat/steering column adjustment control module
- N716 Driver seat bolster air cushion valve
- N717 Driver seat backrest bolster air cushion valve
- T4br 4-pin connector, black
- T4bv 4-pin connector, black
- T8r 8-pin connector, black
- T8s 8-pin connector, black
- T8sx 8-pin connector, black
- T12n 12-pin connector, black
- T26b 26-pin connector, black
- TISVL Coupling station in left front seat
- V45 Driver backrest adjustment motor
- V256 Driver seat depth adjustment motor

140 Ground connection 2 (in seat adjustment 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

Pressure sensor 1 in driver seat, Pressure sensor 2 in driver seat, Memory seat/steering column adjustment control module, Driver seat lumbar support lower air cushion valve, Driver seat lumbar support upper air cushion valve

- G945 Pressure sensor 1 in driver seat
- G946 Pressure sensor 2 in driver seat
- J136 Memory seat/steering column adjustment control module
- N714 Driver seat lumbar support lower air cushion valve
- N715 Driver seat lumbar support upper air cushion valve
- T8q 8-pin connector, black
- T26b 26-pin connector, black

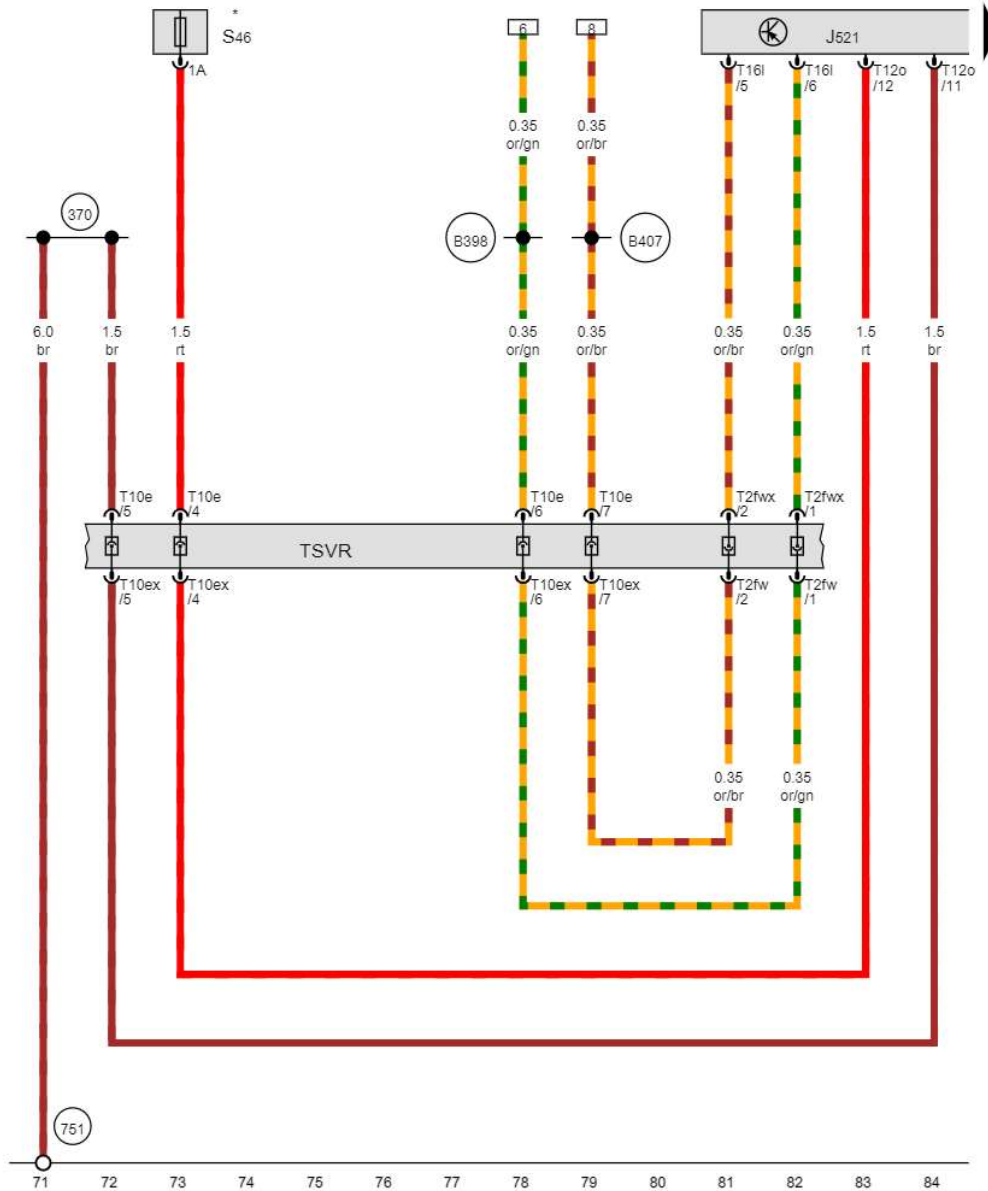


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- br = brown
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- ge = yellow
- or = orange
- rs = pink

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Front passenger memory seat control module, Front passenger power seat adjustment circuit breaker 1

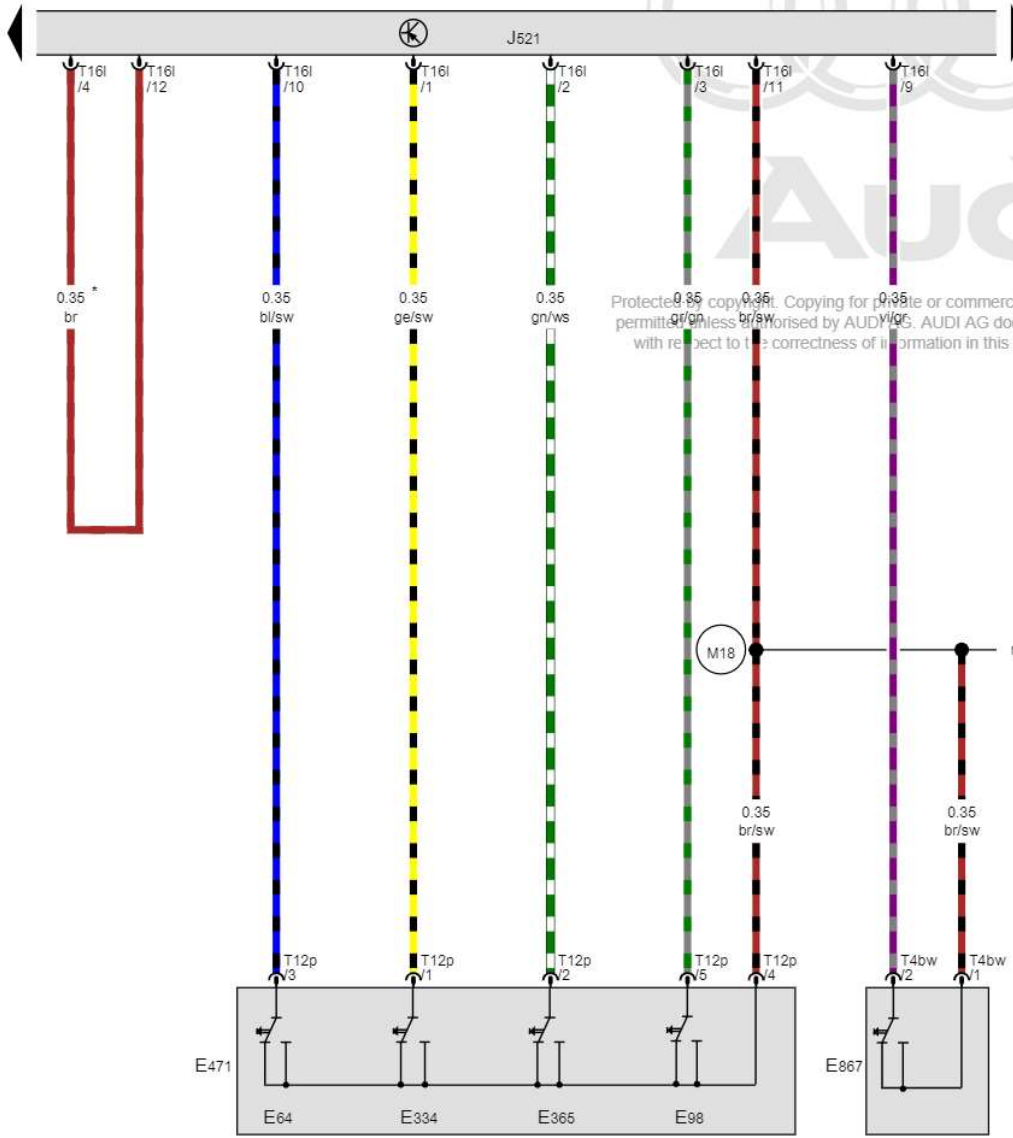


- J521 Front passenger memory seat control module
- S46 Front passenger power seat adjustment circuit breaker 1
- T2fw 2-pin connector, brown
- T2fwx 2-pin connector, brown
- T10e 10-pin connector, red
- T10ex 10-pin connector, red
- T12o 12-pin connector, black
- T16l 16-pin connector, black
- TSVR Right front seat coupling station
- 370 Ground connection 5 (in main wiring harness)
- 751 Ground connection 2 on right A-pillar
- B398 Comfort system CAN bus high connection 2 (in main wiring harness)
- B407 Comfort system CAN bus low connection 2 (in main wiring harness)
- \* Refer to applicable wiring diagram for fuse positions

- 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







Front passenger seat adjustment control head, Front passenger seat depth adjustment button, Front passenger memory seat control module

- E64 Front passenger seat forward/back adjustment switch
- E98 Front passenger backrest adjustment switch
- E334 Front passenger seat angle adjustment button
- E365 Front passenger seat height adjustment switch
- E471 Front passenger seat adjustment control head
- E867 Front passenger seat depth adjustment button
- J521 Front passenger memory seat control module
- T4bw 4-pin connector, brown
- T12p 12-pin connector, black
- T16l 16-pin connector, black

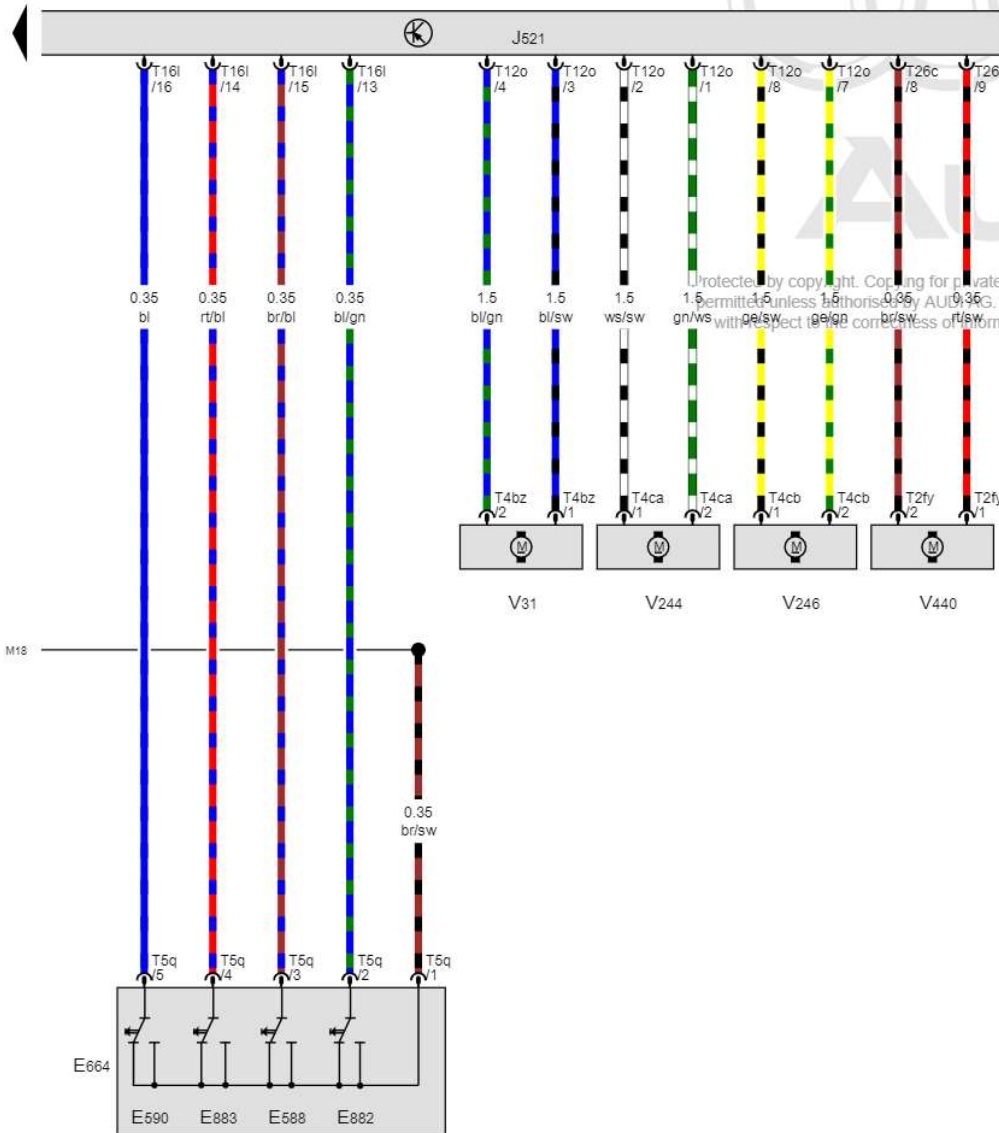
- M18 Connection 1 (in front passenger seat adjustment wiring harness)
- \* Coding wire

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85 86 87 88 89 90 91 92 93 94 95 96 97 98

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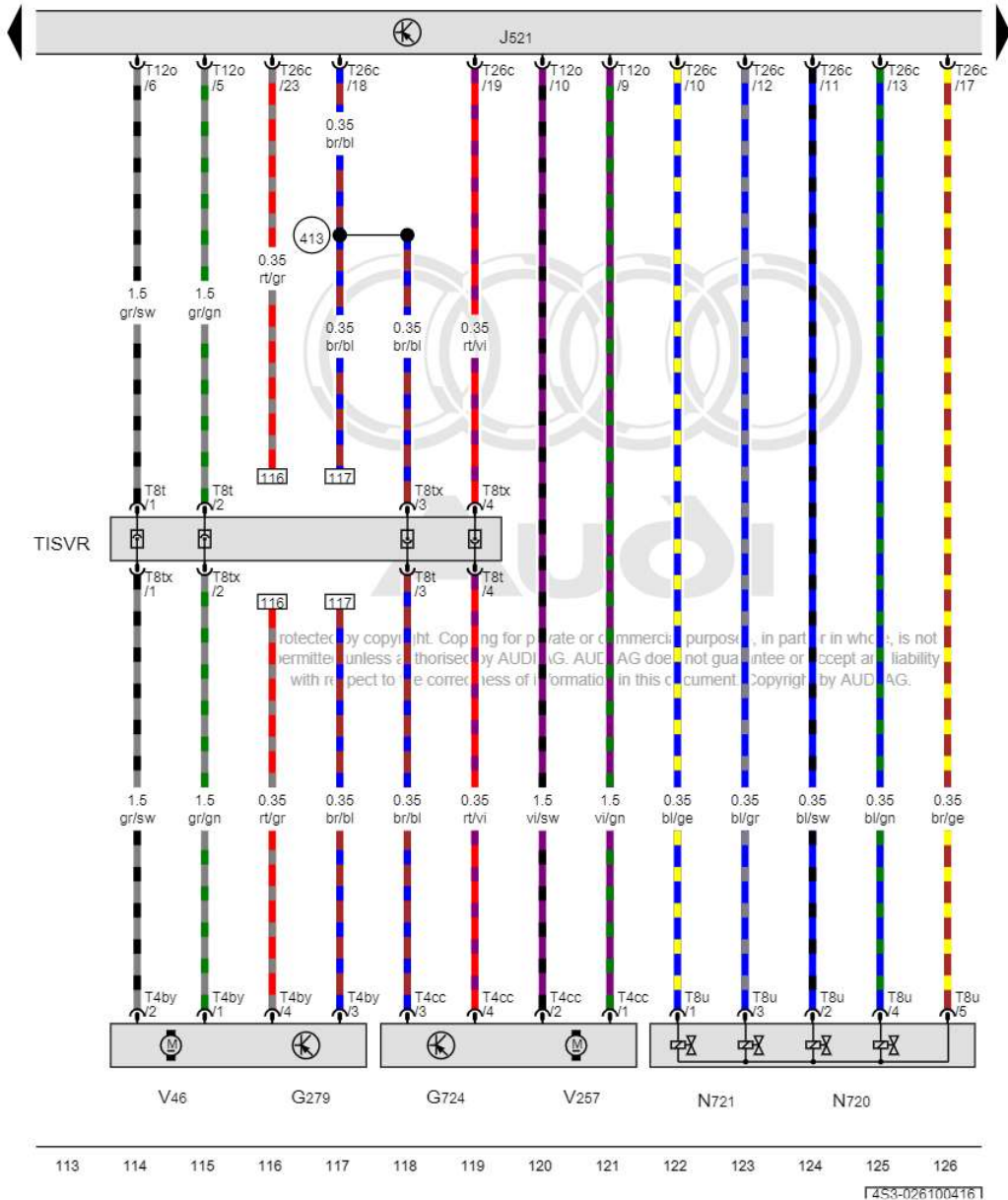


Front passenger seat bolster inflation adjustment button, Front passenger backrest bolster inflation adjustment button, Front passenger seat switch module, Front passenger lumbar support height adjustment button, Front passenger lumbar support forward/back adjustment button, Front passenger memory seat control module, Front passenger seat forward/back adjustment motor, Front passenger seat angle adjustment motor, Front passenger seat height adjustment motor, Front passenger multi-contour seat compressor

- E588 Front passenger seat bolster inflation adjustment button
- E590 Front passenger backrest bolster inflation adjustment button
- E664 Front passenger seat switch module
- E882 Front passenger lumbar support height adjustment button
- E883 Front passenger lumbar support forward/back adjustment button
- J521 Front passenger memory seat control module
- T2fy 2-pin connector, black
- T4bz 4-pin connector, black
- T4ca 4-pin connector, black
- T4cb 4-pin connector, black
- T5q 5-pin connector, black
- T12o 12-pin connector, black
- T16l 16-pin connector, black
- T26c 26-pin connector, black
- V31 Front passenger seat forward/back adjustment motor
- V244 Front passenger seat angle adjustment motor
- V246 Front passenger seat height adjustment motor
- V440 Front passenger multi-contour seat compressor

M18 Connection 1 (in front passenger seat adjustment wiring harness)

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



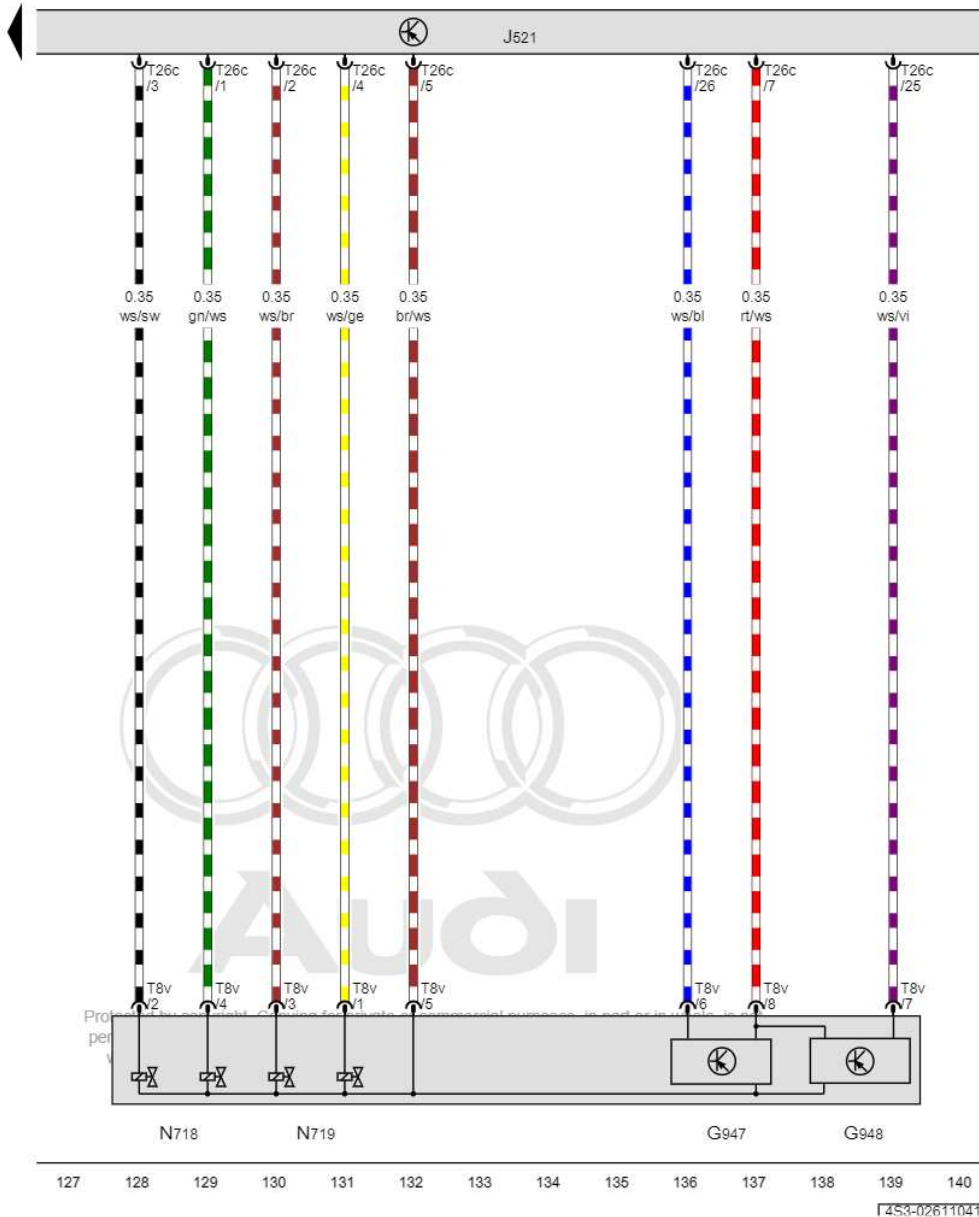
Front passenger memory seat control module, Front passenger seat bolster air cushion valve, Front passenger seat backrest bolster air cushion valve, Front passenger backrest adjustment motor, Front passenger seat depth adjustment motor

- G279 Front passenger backrest adjustment sensor
- G724 Front passenger seat depth adjustment sensor
- J521 Front passenger memory seat control module
- N720 Front passenger seat bolster air cushion valve
- N721 Front passenger seat backrest bolster air cushion valve
- T4by 4-pin connector, black
- T4cc 4-pin connector, black
- T8t 8-pin connector, black
- T8tx 8-pin connector, black
- T8u 8-pin connector, black
- T12o 12-pin connector, black
- T26c 26-pin connector, black
- TISVR Coupling station in right front seat
- V46 Front passenger backrest adjustment motor
- V257 Front passenger seat depth adjustment motor

413 Ground connection 4 (in seat adjustment wiring harness)

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Pressure sensor 1 in front passenger seat, Pressure sensor 2 in front passenger seat, Front passenger memory seat control module, Front passenger seat lumbar support upper air cushion valve, Front passenger seat lumbar support lower air cushion valve

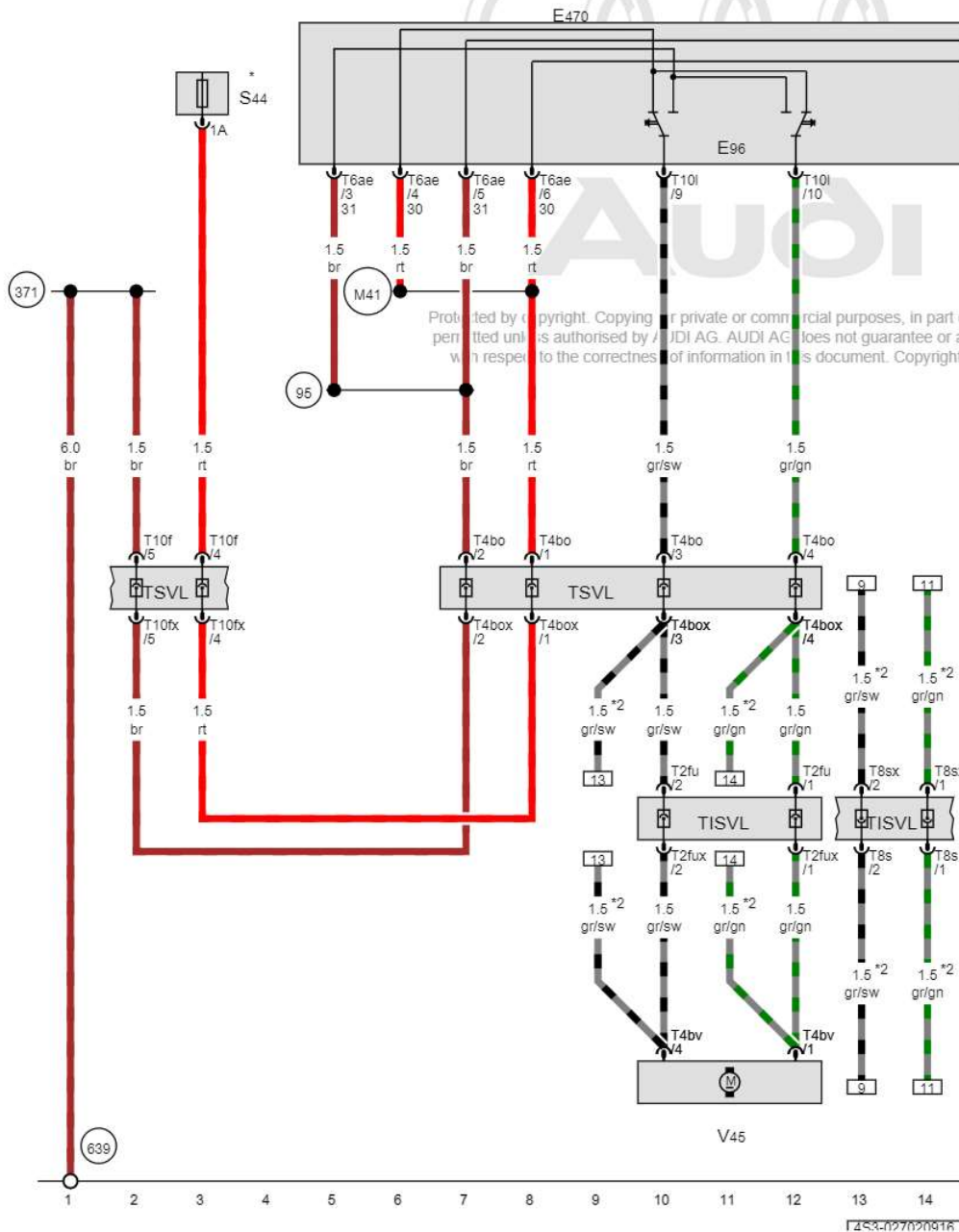
- G947 Pressure sensor 1 in front passenger seat
- G948 Pressure sensor 2 in front passenger seat
- J521 Front passenger memory seat control module
- N718 Front passenger seat lumbar support upper air cushion valve
- N719 Front passenger seat lumbar support lower air cushion valve
- T8v 8-pin connector, black
- T26c 26-pin connector, black

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- ge = yellow
- or = orange
- rs = pink

Seat adjustment , (3PF)  
from September 2015



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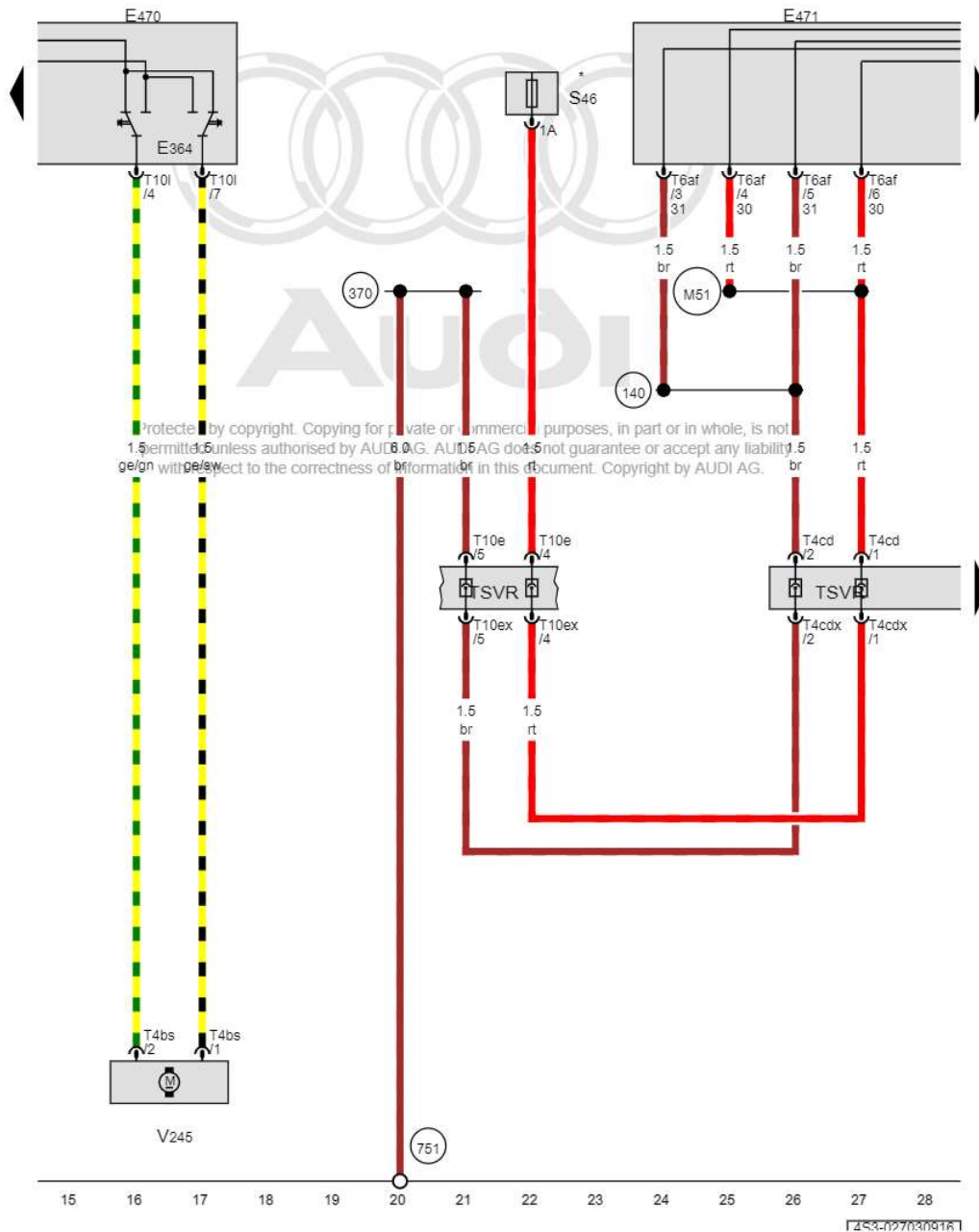


Driver backrest adjustment switch, Driver seat adjustment control head, Driver power seat adjustment circuit breaker 1, Driver backrest adjustment motor

- E96 Driver backrest adjustment switch
- E470 Driver seat adjustment control head
- S44 Driver power seat adjustment circuit breaker 1
- T2fu 2-pin connector, black
- T2fux 2-pin connector, black
- T4bo 4-pin connector, black
- T4box 4-pin connector, black
- T4bv 4-pin connector, black
- T6ae 6-pin connector, black
- T8s 8-pin connector, black
- T8sx 8-pin connector, black
- T10f 10-pin connector, red
- T10fx 10-pin connector, red
- T10l 10-pin connector, black
- TISVL Coupling station in left front seat
- TSVL Left front seat coupling station
- V45 Driver backrest adjustment motor

- 95 Ground connection 1 (in seat adjustment wiring harness)
- 371 Ground connection 6 (in main wiring harness)
- 639 Ground connection on left A-pillar
- M41 Connection 1 (in driver seat wiring harness)
- \* Refer to applicable wiring diagram for fuse positions from May 2016
- \*2

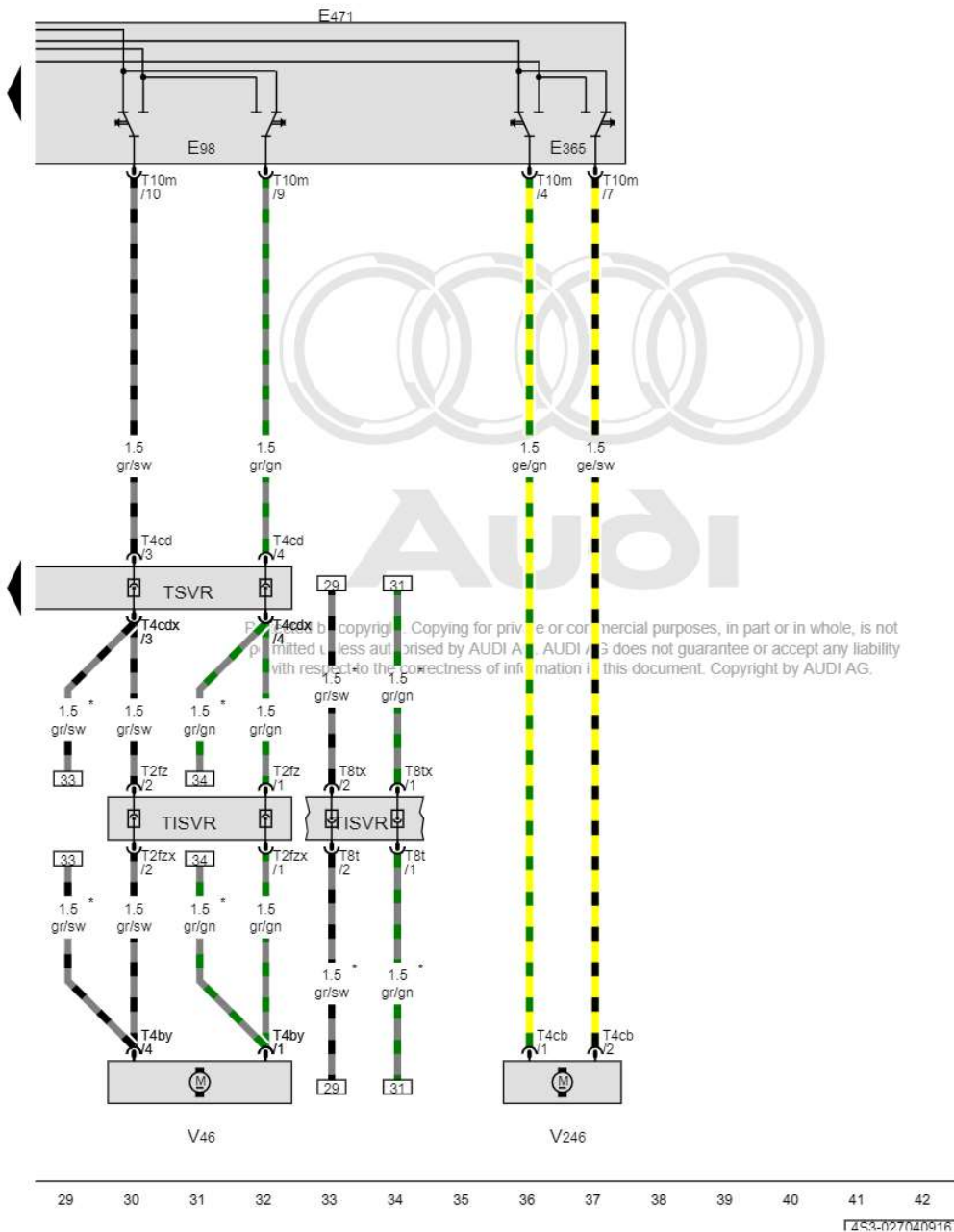
- ws = white
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- gn = green
- bl = blue
- gr = grey
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- vi = lilac
- ge = yellow
- or = orange
- rs = pink



Driver seat height adjustment switch, Driver seat adjustment control head, Front passenger seat adjustment control head, Front passenger power seat adjustment circuit breaker 1, Driver seat height adjustment motor

- E364 Driver seat height adjustment switch
- E470 Driver seat adjustment control head
- E471 Front passenger seat adjustment control head
- S46 Front passenger power seat adjustment circuit breaker 1
- T4bs 4-pin connector, black
- T4cd 4-pin connector, black
- T4cdx 4-pin connector, black
- T6af 6-pin connector, black
- T10e 10-pin connector, red
- T10ex 10-pin connector, red
- T10i 10-pin connector, black
- TSVR Right front seat coupling station
- V245 Driver seat height adjustment motor

- 140 Ground connection 2 (in seat adjustment wiring harness)
- 370 Ground connection 5 (in main wiring harness)
- 751 Ground connection 2 on right A-pillar
- M51 Connection 1 (in front passenger seat wiring harness)
- \* Refer to applicable wiring diagram for fuse positions



Front passenger backrest adjustment switch, Front passenger seat height adjustment switch, Front passenger seat adjustment control head, Front passenger backrest adjustment motor, Front passenger seat height adjustment motor

- E98 Front passenger backrest adjustment switch
- E365 Front passenger seat height adjustment switch
- E471 Front passenger seat adjustment control head
- T2fz 2-pin connector, black
- T2fzx 2-pin connector, black
- T4by 4-pin connector, black
- T4cb 4-pin connector, black
- T4cd 4-pin connector, black
- T4cdx 4-pin connector, black
- T8t 8-pin connector, black
- T8tx 8-pin connector, black
- T10m 10-pin connector, black
- TISVR Coupling station in right front seat
- TSVR Right front seat coupling station
- V46 Front passenger backrest adjustment motor
- V246 Front passenger seat height adjustment motor
- \* from May 2016

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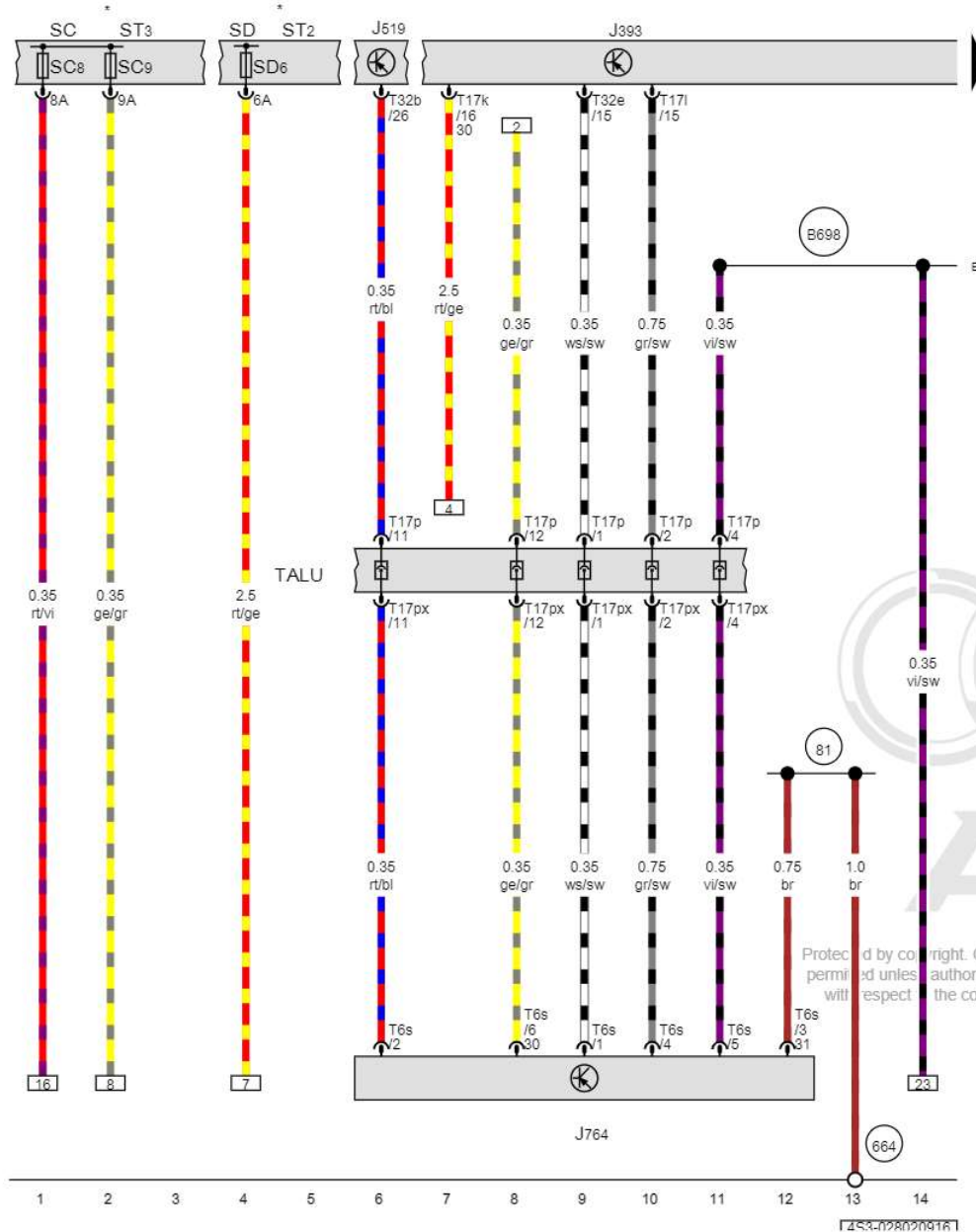


Access and start authorization , (4F2),(4F6),(4I3)  
from September 2015



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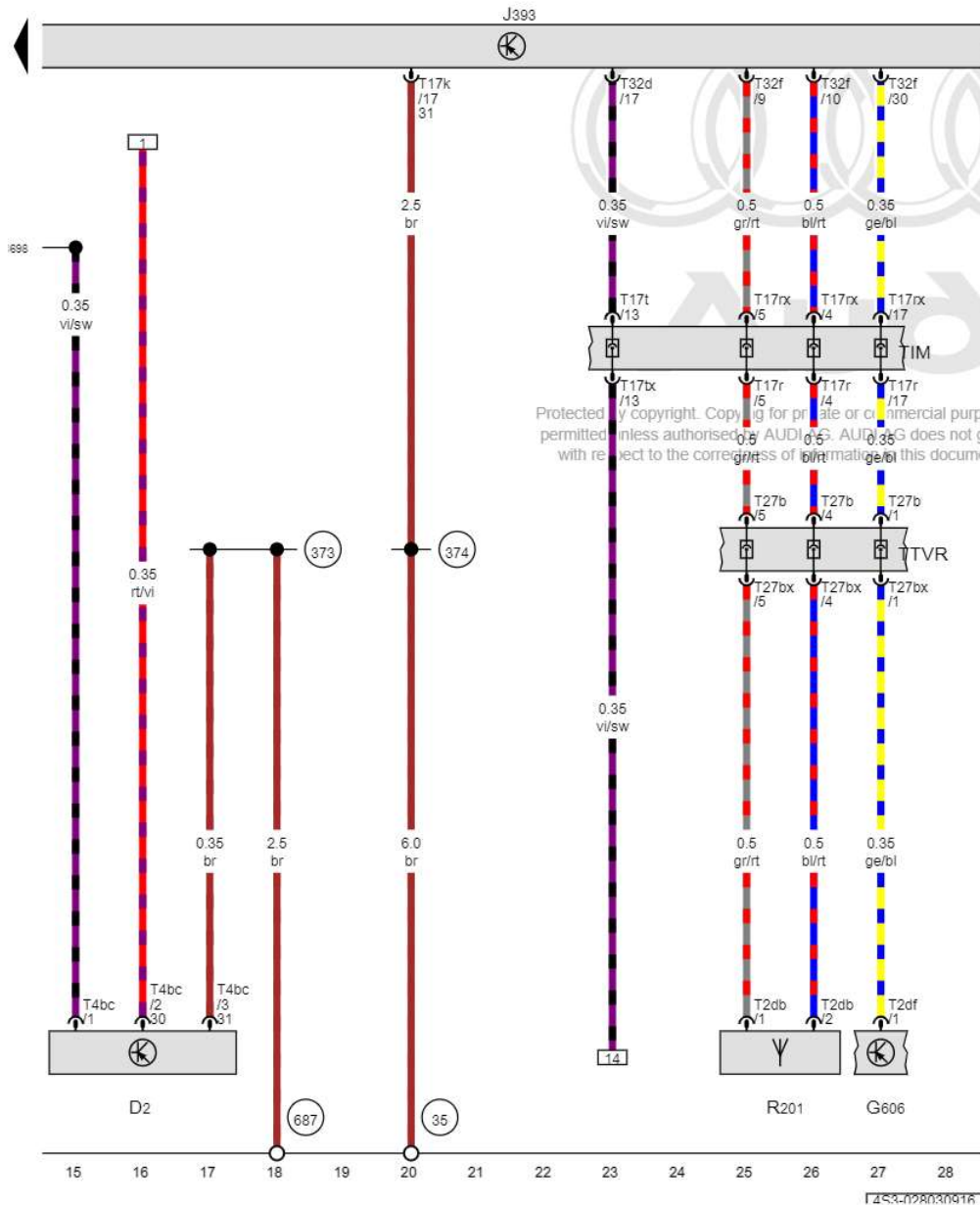
Comfort system central control module, Electronic steering column lock control module



- J393 Comfort system central control module
- J519 Vehicle electrical system control module
- J764 Electronic steering column lock control module
- SC Fuse panel C
- ST2 Fuse panel 2
- ST3 Fuse panel 3
- SD6 Fuse 6 (on fuse panel D)
- SC8 Fuse 8 (on fuse panel C)
- SC9 Fuse 9 (on fuse panel C)
- SD Fuse panel D
- T6s 6-pin connector, black
- T17k 17-pin connector, black
- T17l 17-pin connector, brown
- T17p 17-pin connector, brown
- T17px 17-pin connector, brown
- T32b 32-pin connector, gray
- T32e 32-pin connector, gray
- TALU Coupling point on left A-pillar, bottom
- 81 Ground connection 1 (in instrument panel wiring harness)
- 664 Ground connection behind instrument panel, left
- B698 LIN bus connection 3 (in main wiring harness)
- \* Refer to applicable wiring diagram for fuse positions

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- vi = lilac
- ge = yellow
- or = orange
- rs = pink



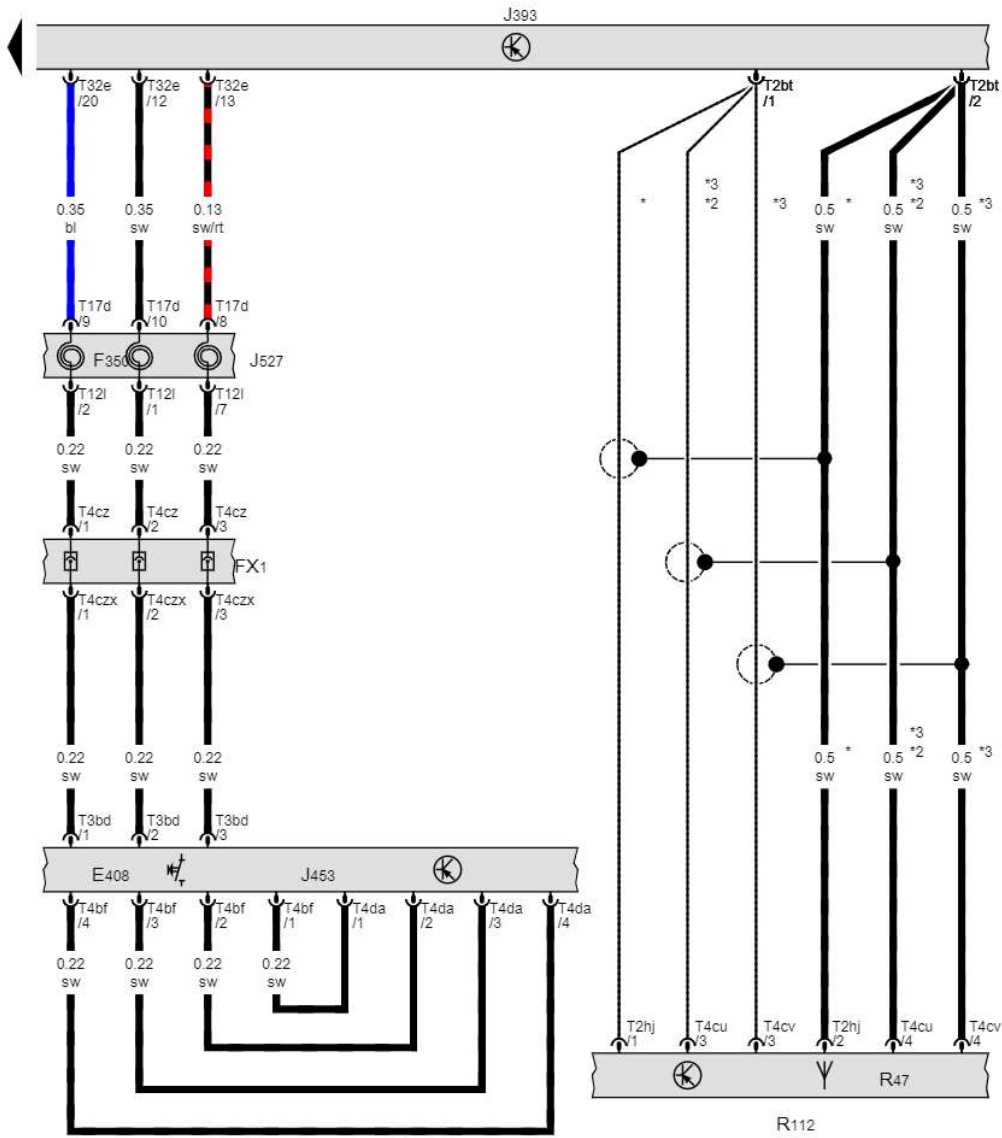
Anti-theft immobilizer reader coil, Comfort system central control module, Right access/start authorization antenna

- D2 Anti-theft immobilizer reader coil
- G606 Right front exterior door handle touch sensor
- J393 Comfort system central control module
- R201 Right access/start authorization antenna
- T2db 2-pin connector, black
- T2df 2-pin connector, black
- T4bc 4-pin connector, black
- T17k 17-pin connector, black
- T17r 17-pin connector, black
- T17rx 17-pin connector, black
- T17t 17-pin connector, brown
- T17tx 17-pin connector, brown
- T27b 27-pin connector, black
- T27bx 27-pin connector, black
- T32d 32-pin connector, black
- T32f 32-pin connector, blue
- TIM Coupling point in interior, center
- TTVR Right front door coupling point

- 35 Ground connection under front passenger seat
- 373 Ground connection 8 (in main wiring harness)
- 374 Ground connection 9 (in main wiring harness)
- 687 Ground connection 1 on center tunnel
- B698 LIN bus connection 3 (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





Access/start authorization button, Comfort system central control module, Multifunction steering wheel control module, Steering column electronics control module, Central locking and anti-theft alarm system antenna, Antenna amplifier 3

- E408 Access/start authorization button, on the steering wheel
- FX1 Steering Wheel, in the steering wheel
- F350 Spiral spring
- J393 Comfort system central control module
- J453 Multifunction steering wheel control module, in the steering wheel
- J527 Steering column electronics control module
- R47 Central locking and anti-theft alarm system antenna
- R112 Antenna amplifier 3
- T2bt 2-pin connector, gray
- T2hj 2-pin connector, gray
- T3bd 3-pin connector, black
- T4bf 4-pin connector, black
- T4cu 4-pin connector, brown
- T4cv 4-pin connector, green
- T4cz 4-pin connector, black
- T4czx 4-pin connector, black
- T4da 4-pin connector, black
- T12l 12-pin connector, yellow
- T17d 17-pin connector, yellow
- T32e 32-pin connector, gray
- \* Only for vehicles with a digital radio
- \*2 Only for vehicles with Japan equipment
- \*3 Only for vehicles with TV tuner

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- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
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- vi = lilac
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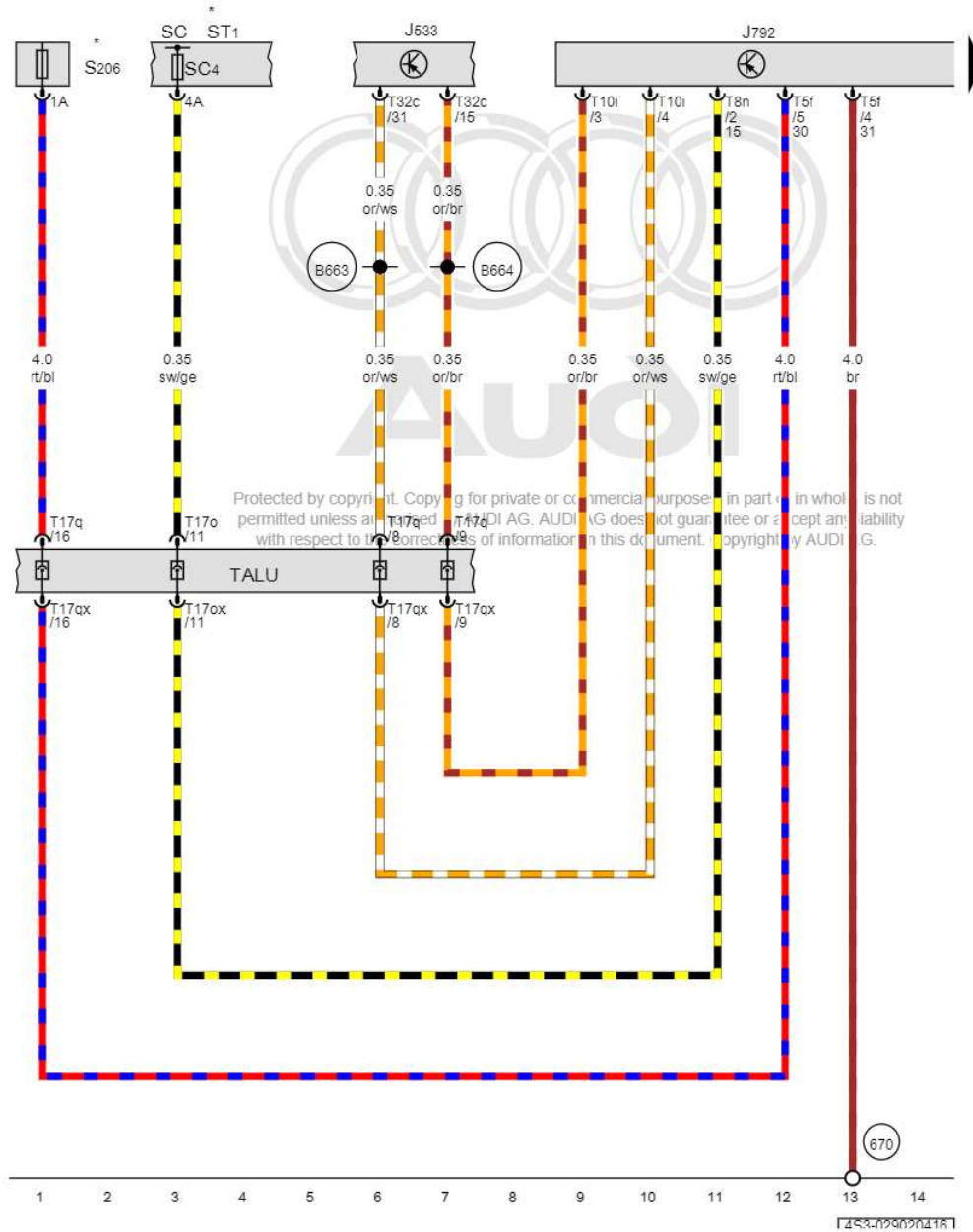


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Power steering, dynamic , (1N8)  
from September 2015



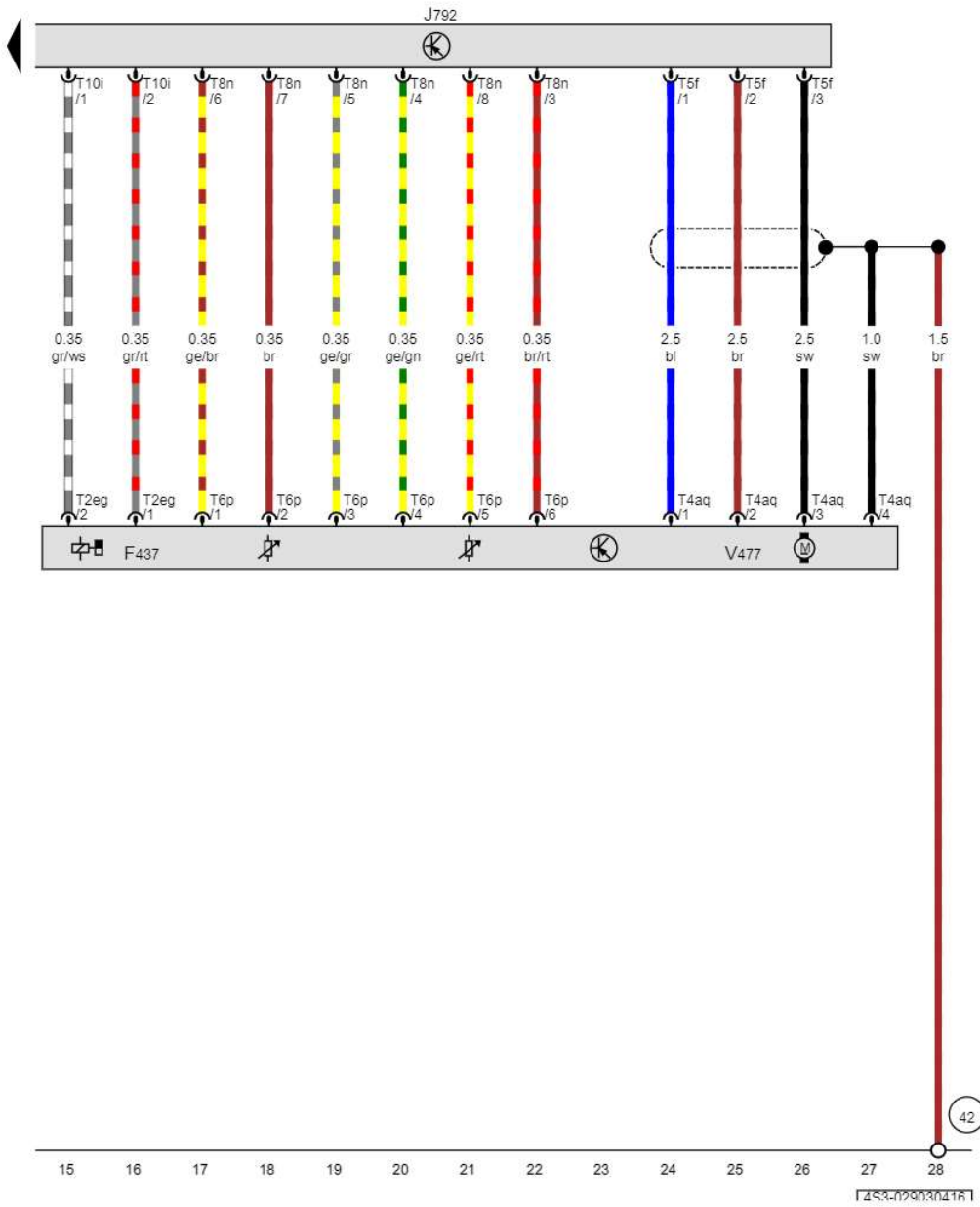
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Active steering control module, Fuse 3 (terminal 30)

- J533 Data bus on board diagnostic interface
- J792 Active steering control module
- S206 Fuse 3 (terminal 30)
- SC Fuse panel C
- ST1 Fuse panel 1
- SC4 Fuse 4 (on fuse panel C)
- T5f 5-pin connector, black
- T8n 8-pin connector, black
- T10i 10-pin connector, black
- T17o 17-pin connector, black
- T17ox 17-pin connector, black
- T17q 17-pin connector, red
- T17qx 17-pin connector, red
- T32c 32-pin connector, black
- TALU Coupling point on left A-pillar, bottom

- 670 Ground connection 2 on left A-pillar
- B663 Suspension sensor CAN bus high connection (in main wiring harness)
- B664 Suspension sensor CAN bus low connection (in main wiring harness)
- \* Refer to applicable wiring diagram for fuse positions



Active steering safety lock actuator, Active steering control module, Active steering motor

- F437 Active steering safety lock actuator
- J792 Active steering control module
- T2eg 2-pin connector, black
- T4aq 4-pin connector, black
- T5f 5-pin connector, black
- T6p 6-pin connector, black
- T8n 8-pin connector, black
- T10i 10-pin connector, black
- V477 Active steering motor

42 Ground connection near steering column

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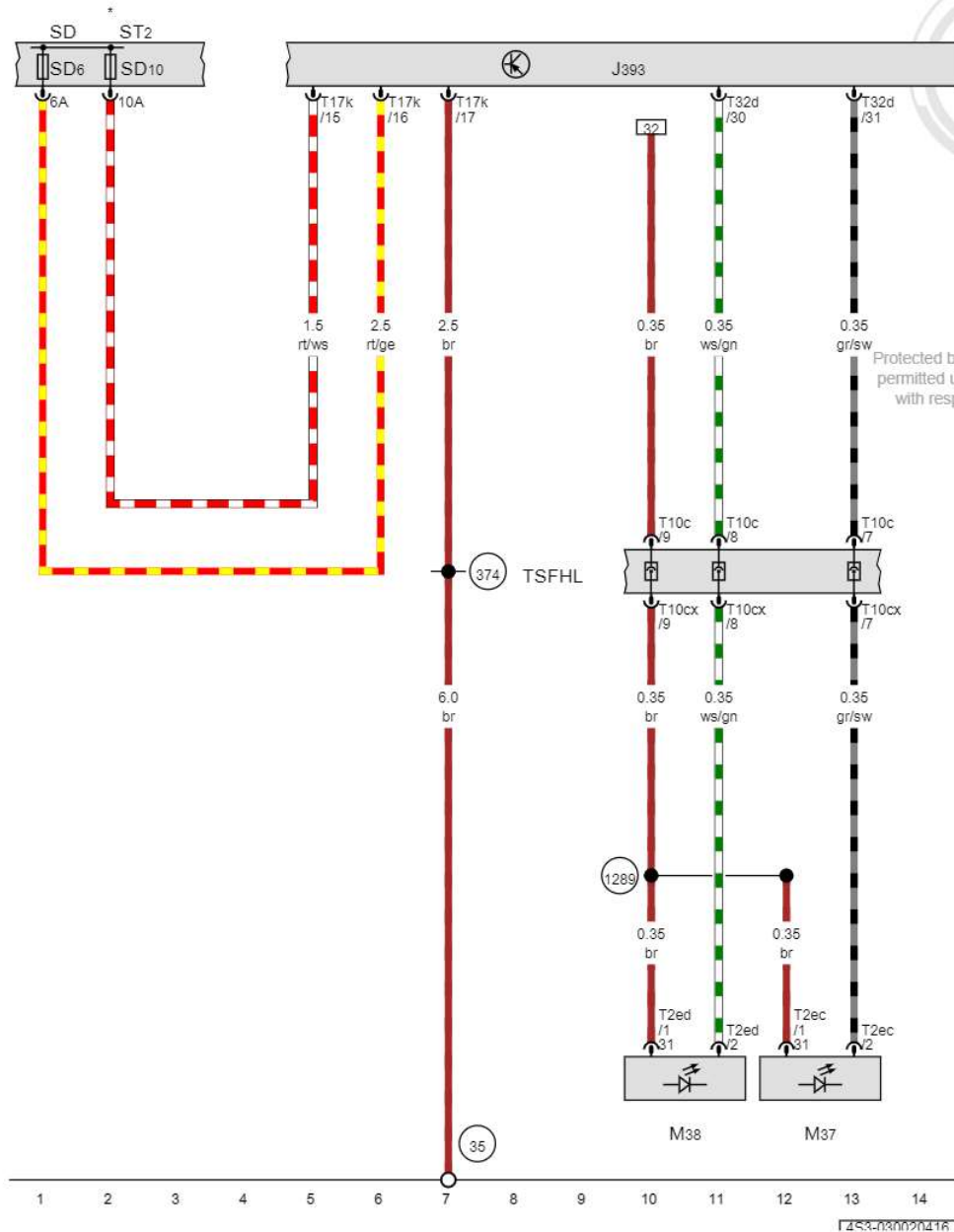
- ws = white
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Tail lamps with LED, only for US equipment , (A8U),(8SP)  
from September 2015



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Comfort system central control module, Left rear side marker lamp bulb, Right rear side marker lamp bulb

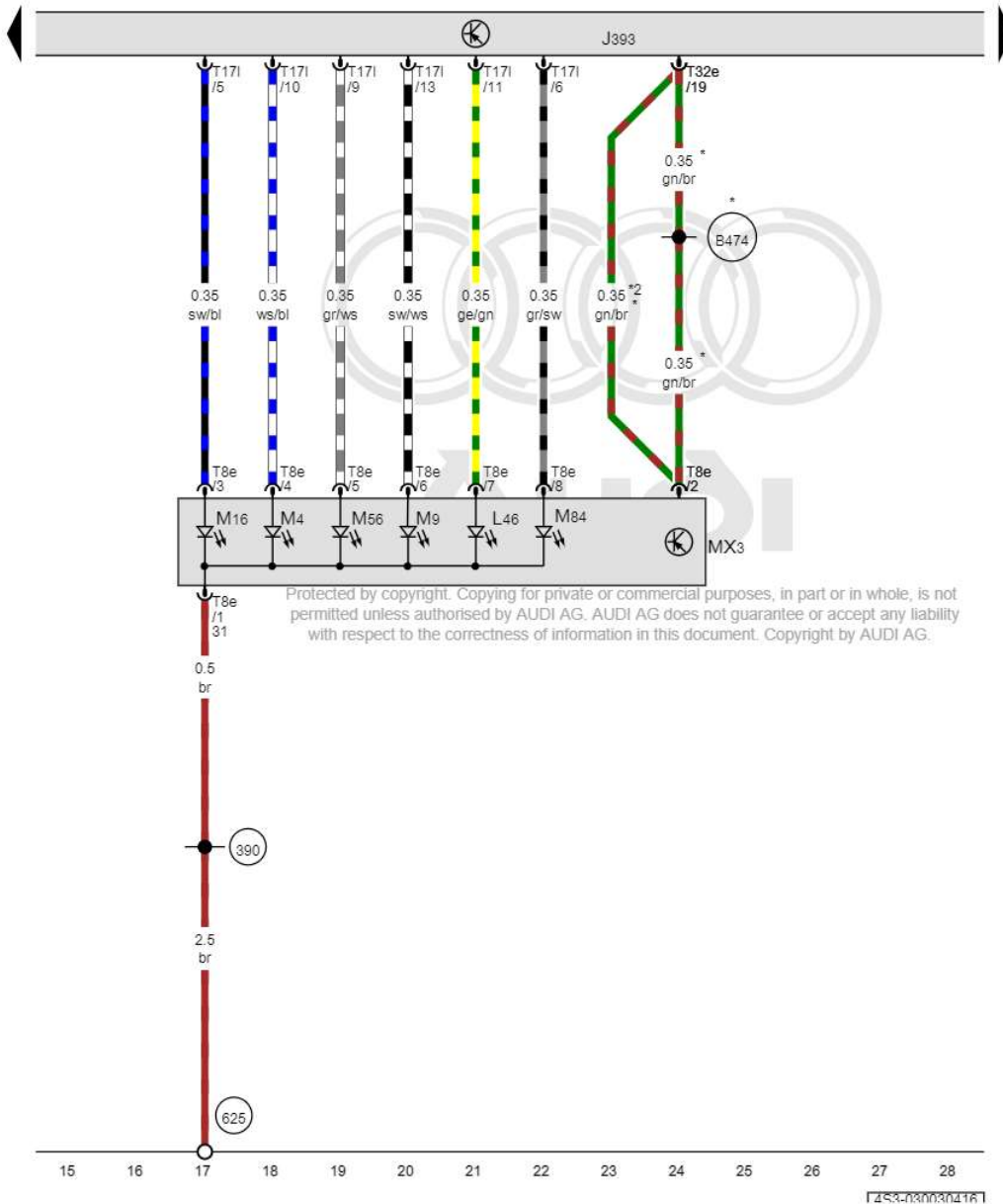
- J393 Comfort system central control module
- M37 Left rear side marker lamp bulb
- M38 Right rear side marker lamp bulb
- SD Fuse panel D
- ST2 Fuse panel 2
- SD6 Fuse 6 (on fuse panel D)
- SD10 Fuse 10 (on fuse panel D)
- T2ec 2-pin connector, black
- T2ed 2-pin connector, black
- T10c 10-pin connector, black
- T10cx 10-pin connector, black
- T17k 17-pin connector, black
- T32d 32-pin connector, black

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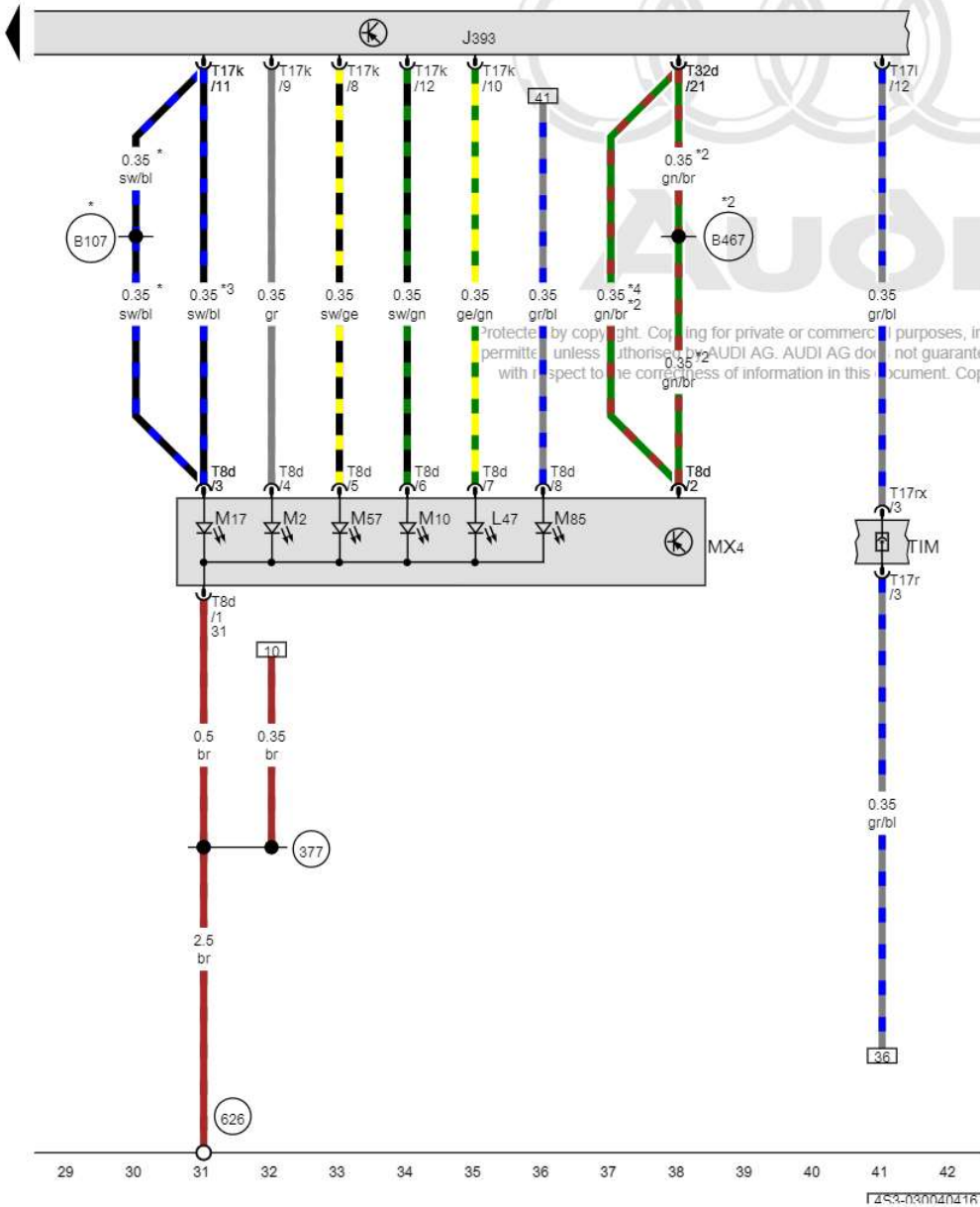
- TSFHL Coupling point on left rear bumper
- 35 Ground connection under front passenger seat
- 374 Ground connection 9 (in main wiring harness)
- 1289 Ground connection 2 (in rear bumper wiring harness)
- \* Refer to applicable wiring diagram for fuse positions

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- vi = lilac
- ge = yellow
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- rs = pink

Comfort system central control module, Left tail lamp



- J393 Comfort system central control module
- L46 Left rear fog lamp bulb
- MX3 Left tail lamp
- M4 Left tail lamp bulb
- M9 Left brake lamp bulb
- M16 Left back-up lamp bulb
- M56 Left brake lamp/turn signal bulb
- M84 Left brake lamp/turn signal bulb 2
- T8e 8-pin connector, gray
- T171 17-pin connector, brown
- T32e 32-pin connector, black
- 390 Ground connection 25 (in main wiring harness)
- 625 Left tail lamp ground connection
- B474 Connection 10 (in main wiring harness)
- \* Only for vehicles with dynamic turn signals
- \*2 Only for vehicles with LED headlamps



Comfort system central control module, Right tail lamp

- J393 Comfort system central control module
- L47 Right rear fog lamp bulb
- M2 Right tail lamp bulb
- MX4 Right tail lamp
- M10 Right brake lamp bulb
- M17 Right back-up lamp bulb
- M57 Right brake lamp/turn signal bulb
- M85 Right brake lamp/turn signal bulb 2
- T8d 8-pin connector, gray
- T17k 17-pin connector, black
- T17l 17-pin connector, brown
- T17r 17-pin connector, black
- T17rx 17-pin connector, black
- T32d 32-pin connector, black
- TIM Coupling point in interior, center

- 377 Ground connection 12 (in main wiring harness)
- 626 Right tail lamp ground connection
- B107 Connection (back-up lamp) inside main wiring harness
- B467 Connection 3 (in main wiring harness)
- \* Only for vehicles without high beam assist
- \*2 Only for vehicles with dynamic turn signals
- \*3 Only for vehicles with high beam assist
- \*4 Only for vehicles with LED headlamps

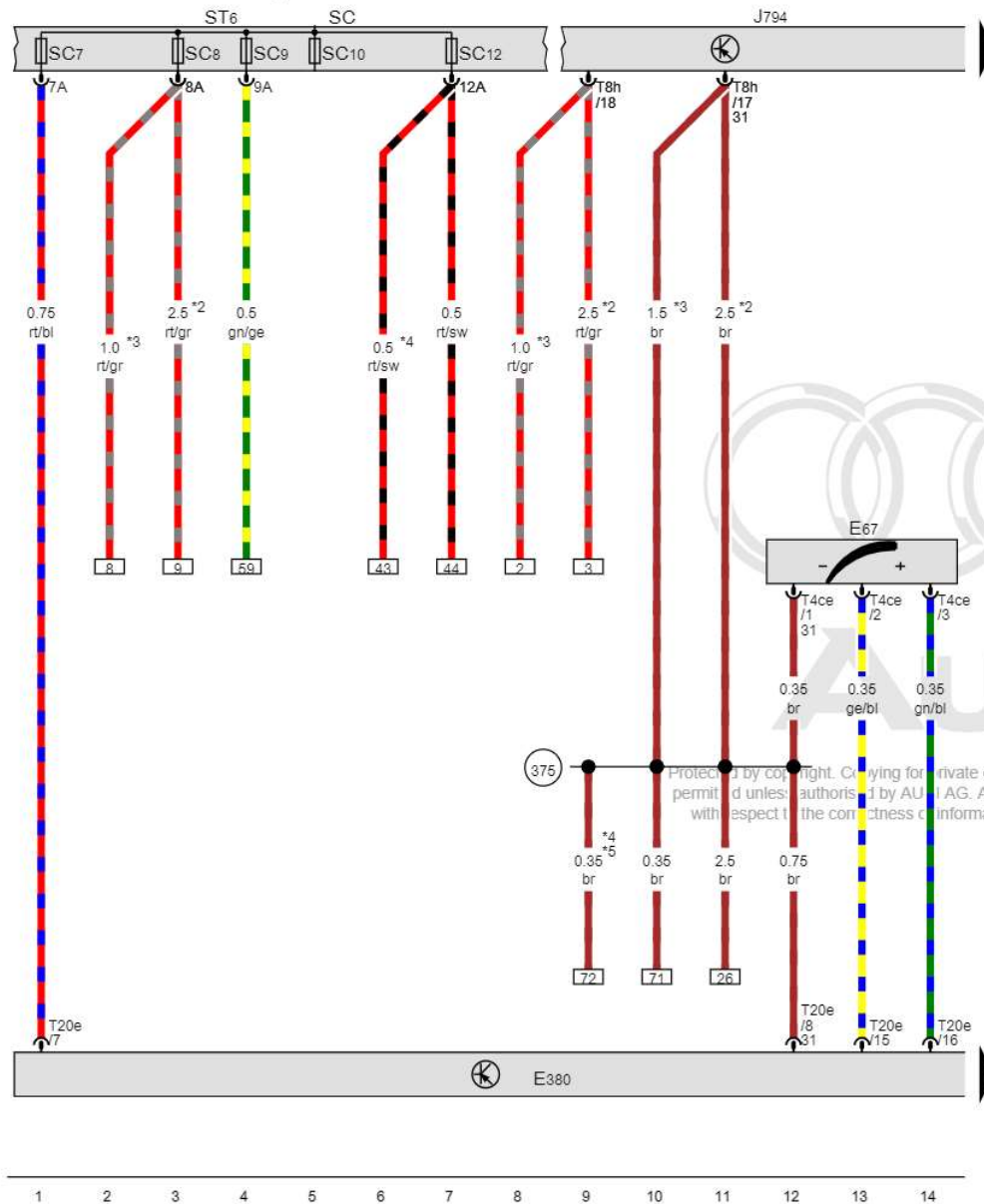
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MMI high with navigation system , (I8H)  
from September 2015



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Driver volume control, Multimedia system control head, Information electronics control module 1



- E67 Driver volume control
- E380 Multimedia system control head
- J794 Information electronics control module 1
- SC Fuse panel C
- ST6 Fuse panel 6
- SC7 Fuse 7 (on fuse panel C)
- SC8 Fuse 8 (on fuse panel C)
- SC9 Fuse 9 (on fuse panel C)
- SC10 Fuse 10 (on fuse panel C)
- SC12 Fuse 12 (on fuse panel C)
- T4ce 4-pin connector, black
- T8h 8-pin connector, black
- T20e 20-pin connector, red

375 Ground connection 10 (in main wiring harness)

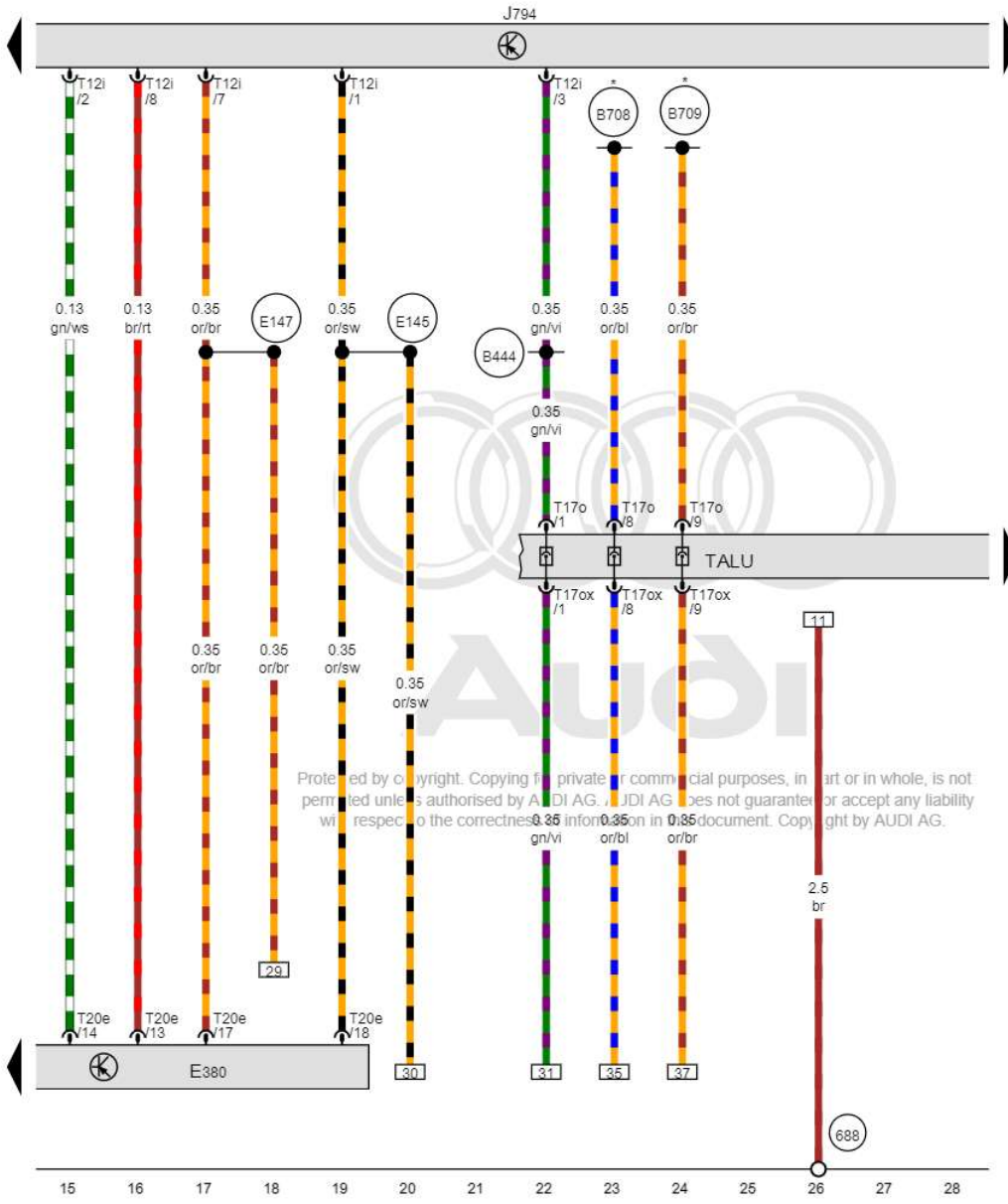
- \* Refer to applicable wiring diagram for fuse positions
- \*2 Only for vehicles with standard sound system
- \*3 Only for vehicles with Bang & Olufsen sound system from June 2016
- \*4 From June 2016
- \*5 Component with wireless data transfer

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[453-031020417]

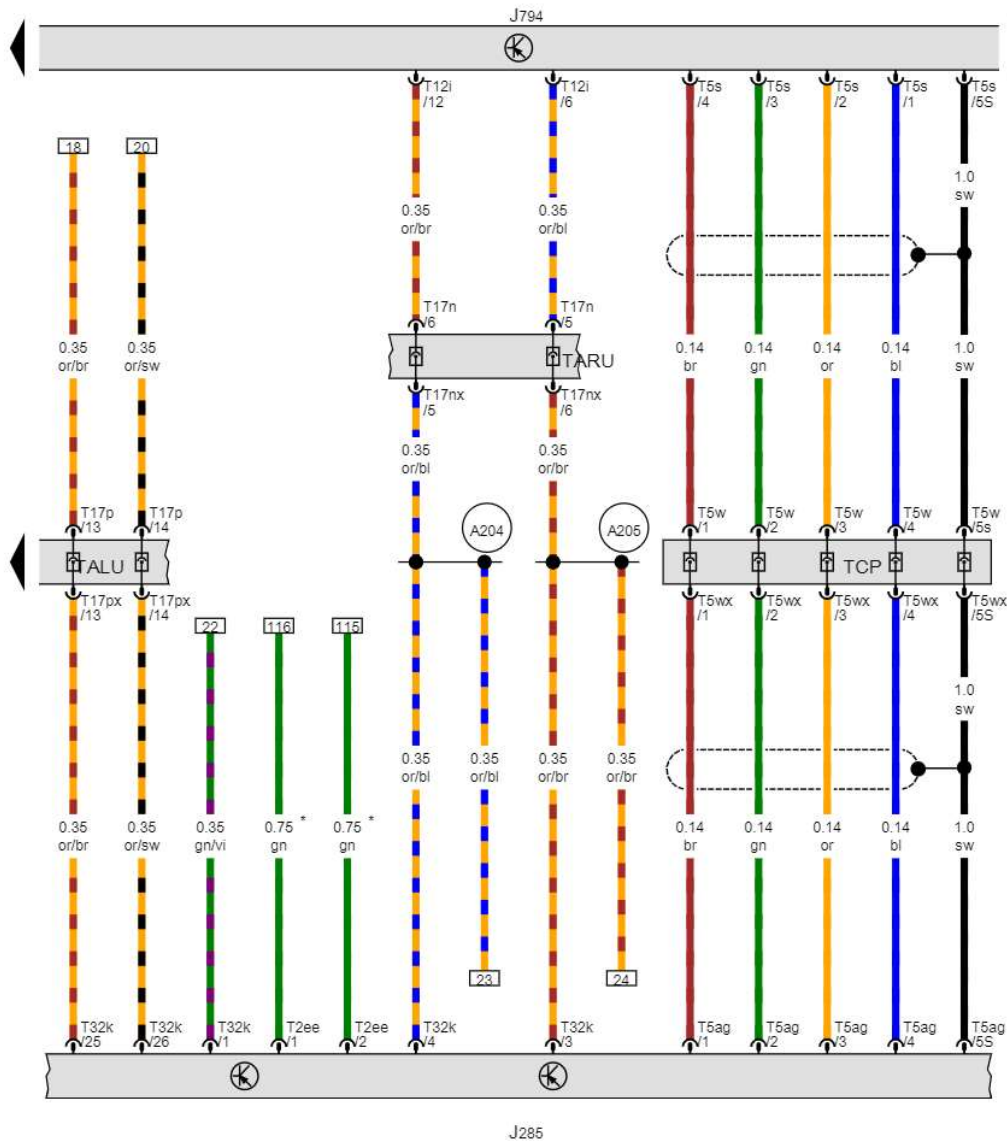
Multimedia system control head, Information electronics control module 1



- E380 Multimedia system control head
- J794 Information electronics control module 1
- T12i 12-pin connector, gray
- T17o 17-pin connector, black
- T17ox 17-pin connector, black
- T20e 20-pin connector, red
- TALU Coupling point on left A-pillar, bottom
- 688 Ground connection 2 on center tunnel
- B444 OBD connection 1 (in main wiring harness)
- B708 Instrument cluster CAN bus high connection 1 (in main wiring harness)
- B709 Instrument cluster CAN bus low connection 1 (in main wiring harness)
- E145 Connection 1 (CAN bus information electronics control module 1, high)
- E147 Connection 1 (CAN bus information electronics control module 1, low)
- \* Refer to applicable wiring diagram for data bus networking

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- bl = blue
- gr = grey
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- vi = lilac
- ge = yellow
- or = orange
- rs = pink

[453-031030417]



Instrument cluster control module, Information electronics control module 1

- J285 Instrument cluster control module
- J794 Information electronics control module 1
- T2ee 2-pin connector, black
- T5ag 5-pin connector, black
- T5s 5-pin connector, gray
- T5w 5-pin connector, black
- T5wx 5-pin connector, black
- T12i 12-pin connector, gray
- T17n 17-pin connector, red
- T17nx 17-pin connector, red
- T17p 17-pin connector, brown
- T17px 17-pin connector, brown
- T32k 32-pin connector, gray
- TALU Coupling point on left A-pillar, bottom
- TARU Coupling point on right A-pillar, bottom
- TCP Coupling point on instrument panel

- A204 Instrument cluster CAN bus high connection (in instrument panel wiring harness)
- A205 Instrument cluster CAN bus low connection (in instrument panel wiring harness)
- \* Fiber optic cable

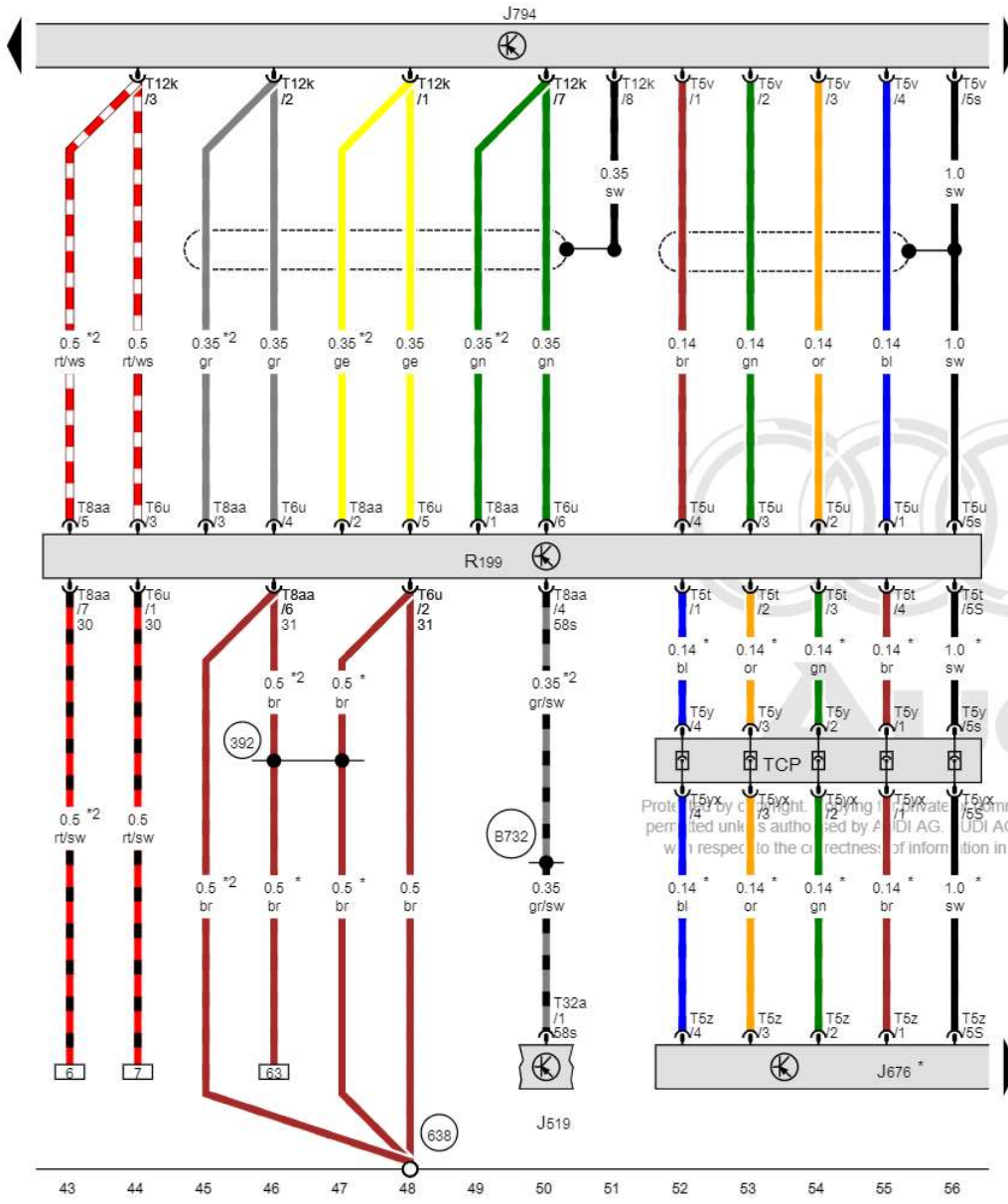
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- rs = pink

1453-0310404171



Chip card reader control module, Information electronics control module 1, External audio source connection



- J519 Vehicle electrical system control module
- J676 Chip card reader control module
- J794 Information electronics control module 1
- R199 External audio source connection
- T5t 5-pin connector, white
- T5u 5-pin connector, green
- T5v 5-pin connector, yellow
- T5y 5-pin connector, white
- T5x 5-pin connector, white
- T5z 5-pin connector, brown
- T6u 6-pin connector, black
- T8aa 8-pin connector, black
- T12k 12-pin connector, green
- T32a 32-pin connector, black
- TCP Coupling point on instrument panel
- 392 Ground connection 27 (in main wiring harness)
- 638 Ground connection on right A-pillar
- B732 Connection 58s (in main wiring harness) 2
- \* Only for vehicles with Japan equipment from June 2016
- \*2

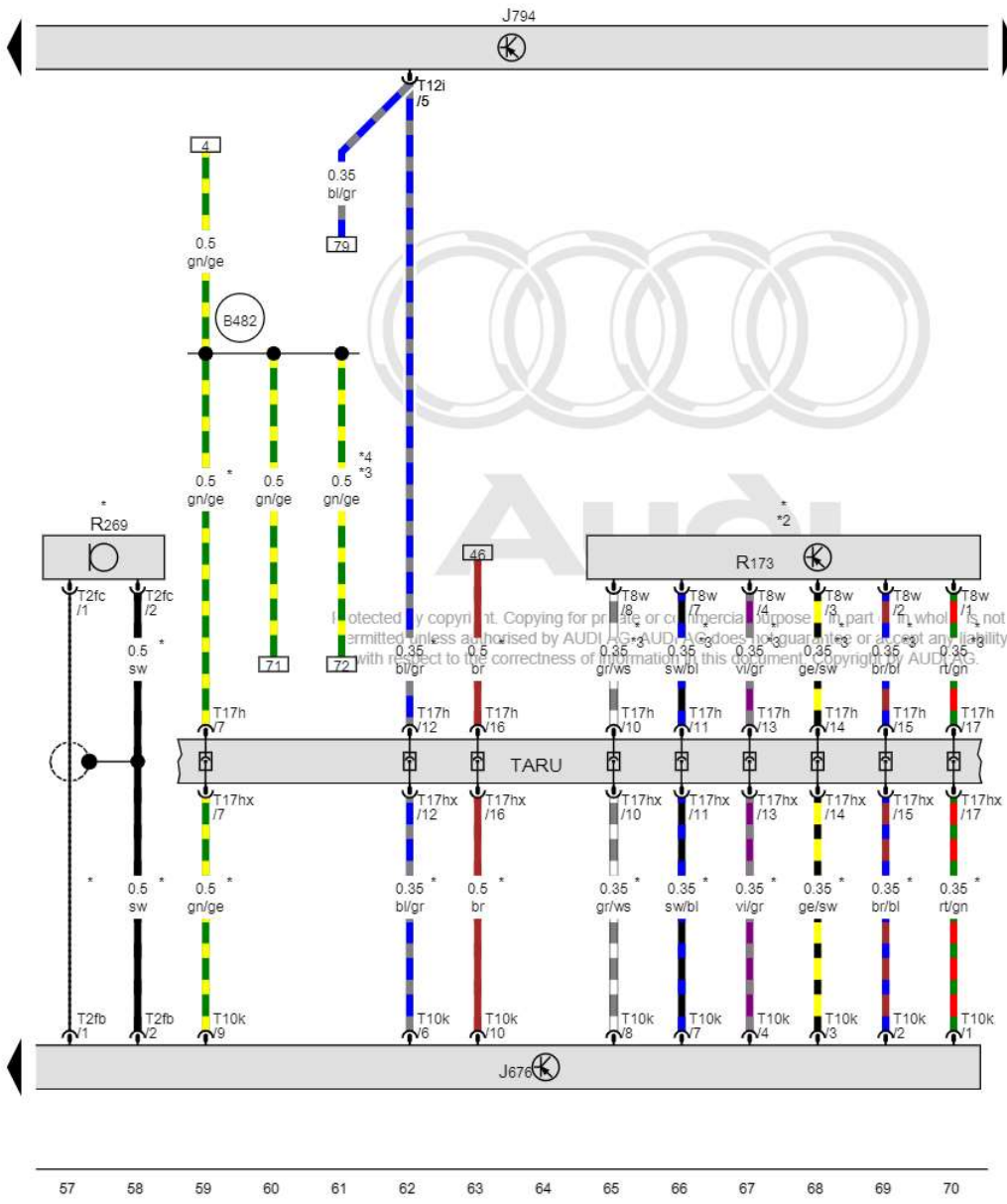
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Chip card reader control module, Information electronics control module 1, Traffic data antenna, Close range communication antenna

- J676 Chip card reader control module
- J794 Information electronics control module 1
- R173 Traffic data antenna
- R269 Close range communication antenna
- T2fb 2-pin connector, yellow
- T2fc 2-pin connector, yellow
- T8w 8-pin connector, black
- T10k 10-pin connector, black
- T12i 12-pin connector, gray
- T17h 17-pin connector, yellow
- T17hx 17-pin connector, yellow
- TARU Coupling point on right A-pillar, bottom

B482 Connection 18 (in main wiring harness)

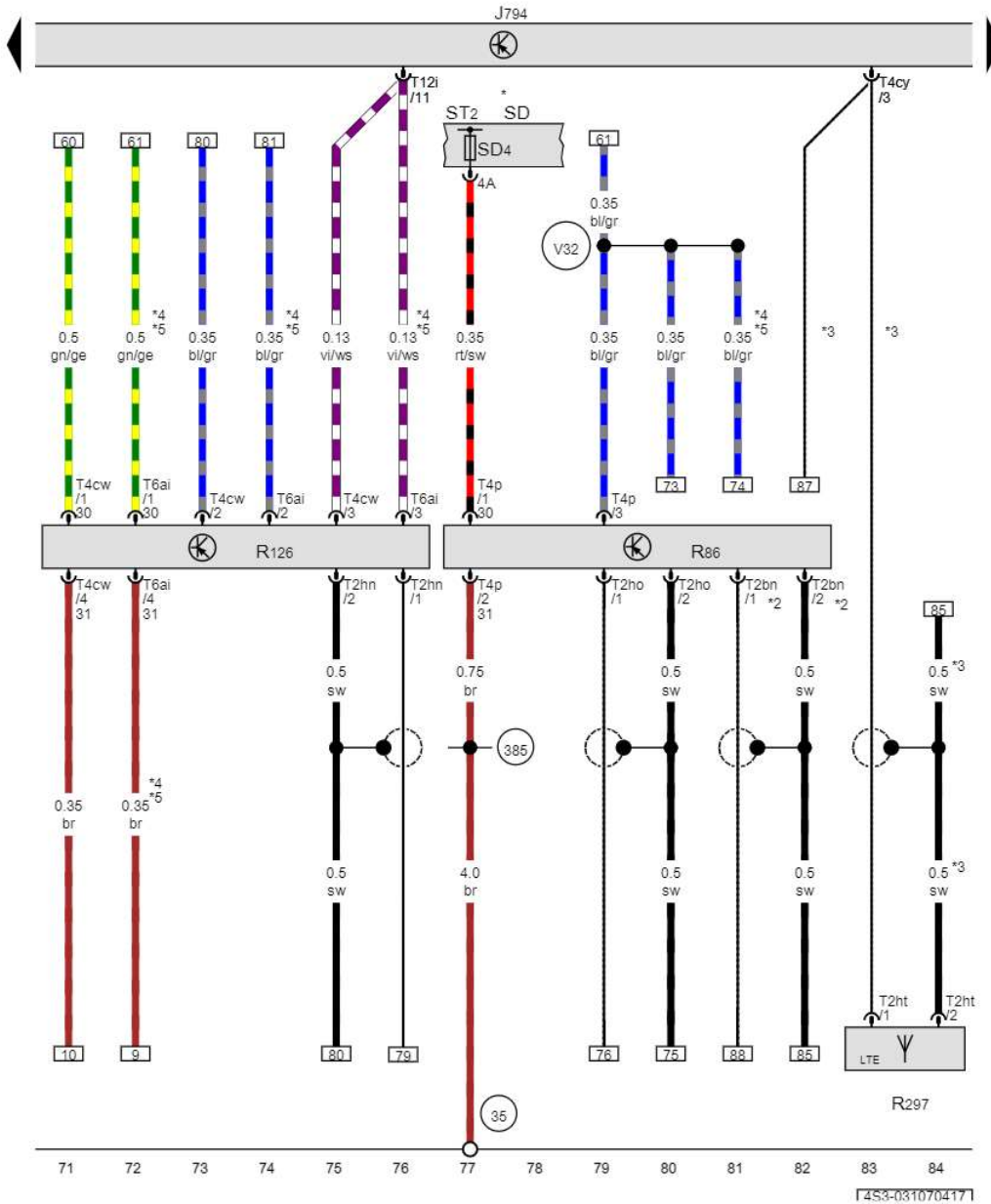
- \* Only for vehicles with Japan equipment
- \*2 pre-wired component
- \*3 Component with wireless data transfer
- \*4 from June 2016



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- rt = red
- br = brown
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- bl = blue
- gr = grey
- li = lilac
- vi = lilac
- ge = yellow
- or = orange
- rs = pink

[453-031060417]

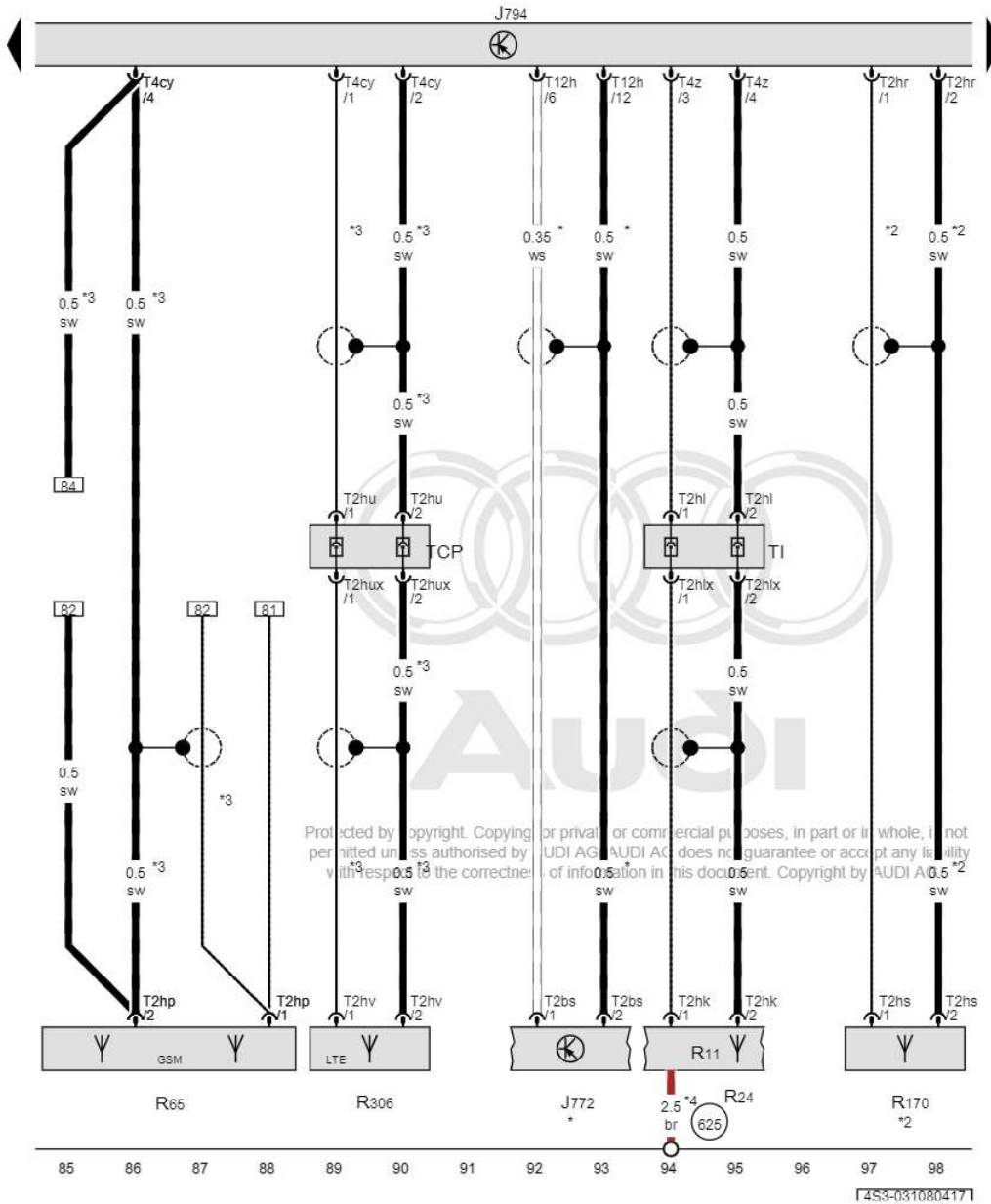
Information electronics control module 1, Cellular telephone amplifier, Telephone baseplate, LTE antenna 1



- J794 Information electronics control module 1
- R86 Cellular telephone amplifier
- R126 Telephone baseplate
- R297 LTE antenna 1
- SD Fuse panel D
- ST2 Fuse panel 2
- SD4 Fuse 4 (on fuse panel D)
- T2bn 2-pin connector
- T2hn 2-pin connector, purple
- T2ho 2-pin connector, black
- T2ht 2-pin connector, purple
- T4cw 4-pin connector, brown
- T4cy 4-pin connector, purple
- T4p 4-pin connector, black
- T6ai 6-pin connector, black
- T12i 12-pin connector, gray
- 35 Ground connection under front passenger seat
- 385 Ground connection 20 (in main wiring harness)
- V32 Positive connection (30 (in telephone wiring harness))
- \* Refer to applicable wiring diagram for fuse positions
- \*2 Connector color depends on the market
- \*3 Depending on equipment
- \*4 from June 2016
- \*5 Component with wireless data transfer

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- or = orange
- rs = pink



Rearview camera system control module, Information electronics control module 1, Antenna, Antenna amplifier, Telephone antenna, Satellite antenna, LTE antenna 2

- J772 Rearview camera system control module
- J794 Information electronics control module 1
- R11 Antenna
- R24 Antenna amplifier
- R65 Telephone antenna
- R170 Satellite antenna
- R306 LTE antenna 2
- T2bs 2-pin connector, green
- T2hk 2-pin connector, white
- T2hl 2-pin connector, white
- T2hlx 2-pin connector, white
- T2hp 2-pin connector, purple
- T2hr 2-pin connector, brown
- T2hs 2-pin connector, green
- T2hu 2-pin connector, purple
- T2hux 2-pin connector, purple
- T2hv 2-pin connector, purple
- T4cy 4-pin connector, purple
- T4z 4-pin connector, white
- T12h 12-pin connector, blue
- TCP Coupling point on instrument panel
- T1 Coupling point in interior

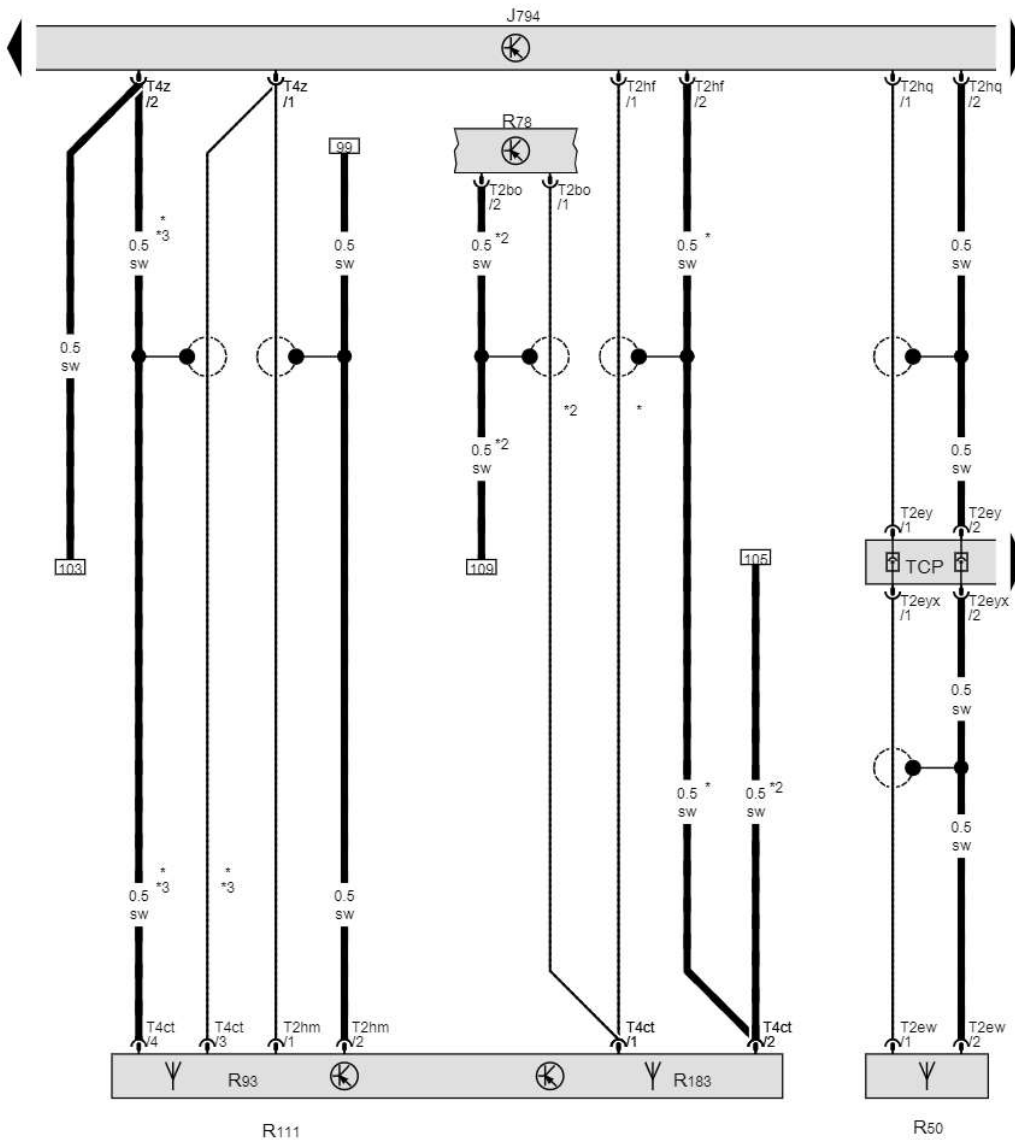
625 Left tail lamp ground connection

- \* Only for vehicles with a rearview camera system
- \*2 USA only
- \*3 Depending on equipment
- \*4 Ground supply via the housing

- ws = white
- sw = black
- ro = red
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- bl = blue
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- or = orange
- rs = pink

[453-031080417]

Information electronics control module 1, GPS antenna, TV tuner, Radio antenna 2, Antenna amplifier 2, Digital radio antenna



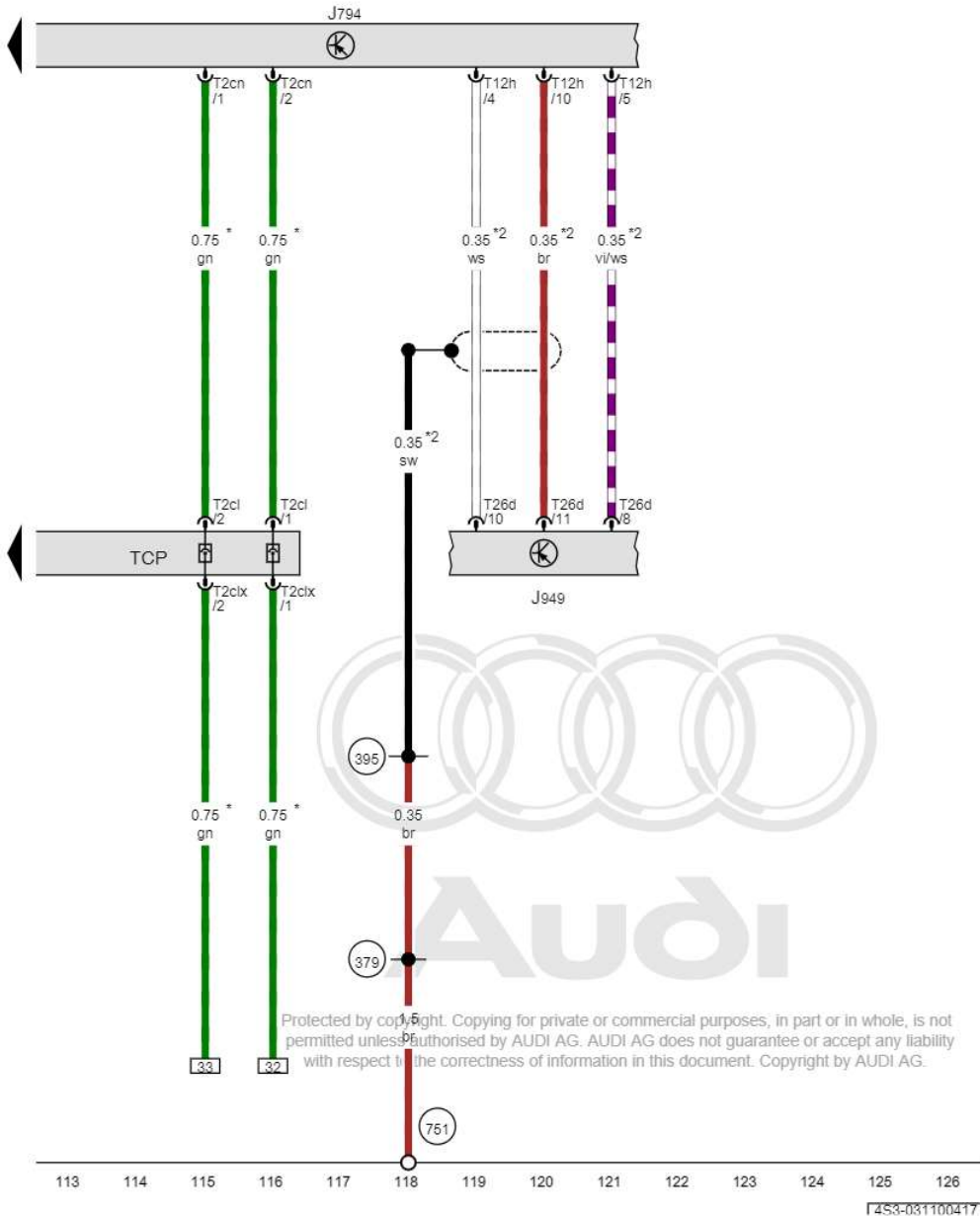
- J794 Information electronics control module 1
- R50 GPS antenna
- R78 TV tuner
- R93 Radio antenna 2
- R111 Antenna amplifier 2
- R183 Digital radio antenna
- T2bo 2-pin connector, brown
- T2ew 2-pin connector, blue
- T2ey 2-pin connector, blue
- T2eyx 2-pin connector, blue
- T2hf 2-pin connector, black
- T2hm 2-pin connector, naturally cloudy
- T2hq 2-pin connector, blue
- T4ct 4-pin connector, naturally cloudy
- T4z 4-pin connector, white
- TCP Coupling point on instrument panel
- \* Only for vehicles with a digital radio
- \*2 Only for vehicles with Korea equipment
- \*3 Only for vehicles with TV tuner

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- vi = lilac
- ge = yellow
- or = orange
- rs = pink

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

[453-031090417]



Information electronics control module 1, Control module for emergency call module and communication unit

- J794 Information electronics control module 1
- J949 Control module for emergency call module and communication unit
- T2cl 2-pin connector, black
- T2clx 2-pin connector, black
- T2cn 2-pin connector, black
- T12h 12-pin connector, blue
- T26d 26-pin connector, black
- TCP Coupling point on instrument panel
- 379 Ground connection 14 (in main wiring harness)
- 395 Ground connection 30 (in main wiring harness)
- 751 Ground connection 2 on right A-pillar
- \* Fiber optic cable
- \*2 Only for vehicles with emergency call module

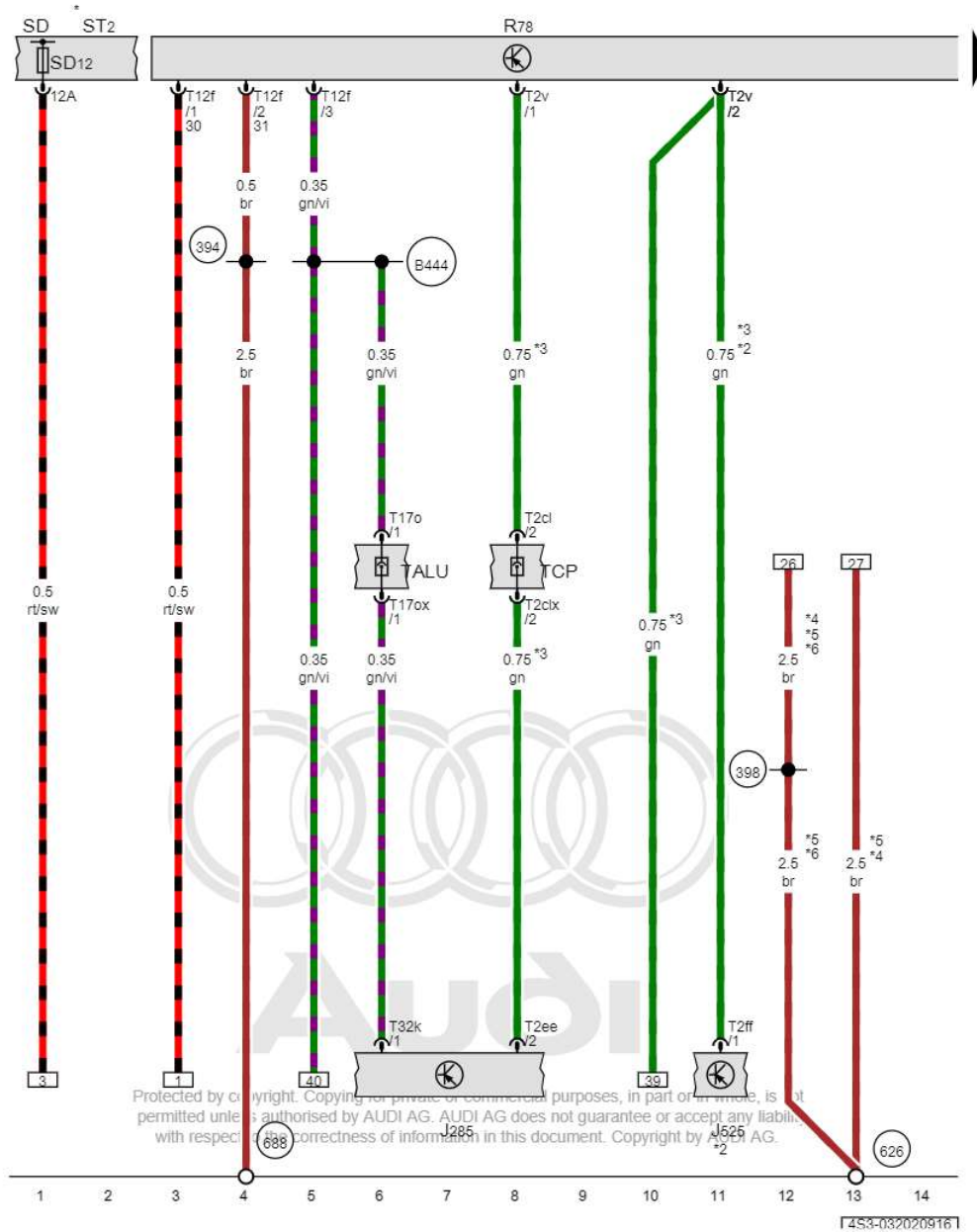
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Digital TV tuner , (QV1)  
from September 2015



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TV tuner

- J285 Instrument cluster control module
- J525 Digital sound system control module
- R78 TV tuner
- SD Fuse panel D
- ST2 Fuse panel 2
- SD12 Fuse 12 (on fuse panel D)
- T2cl 2-pin connector, black
- T2cx 2-pin connector, black
- T2ee 2-pin connector, black
- T2ff 2-pin connector, black
- T2v 2-pin connector, black
- T12f 12-pin connector, black
- T17o 17-pin connector, black
- T17ox 17-pin connector, black
- T32k 32-pin connector, gray
- TALU Coupling point on left A-pillar, bottom
- TCP Coupling point on instrument panel

- 394 Ground connection 29 (in main wiring harness)
- 398 Ground connection 33 (in main wiring harness)
- 626 Right tail lamp ground connection
- 688 Ground connection 2 on center tunnel
- B444 OBD connection 1 (in main wiring harness)

- \* Refer to applicable wiring diagram for fuse positions
- \*2 Only for vehicles with BOSE sound system
- \*3 Fiber optic cable
- \*4 Ground supply via the housing
- \*5 Coupe
- \*6 Running change

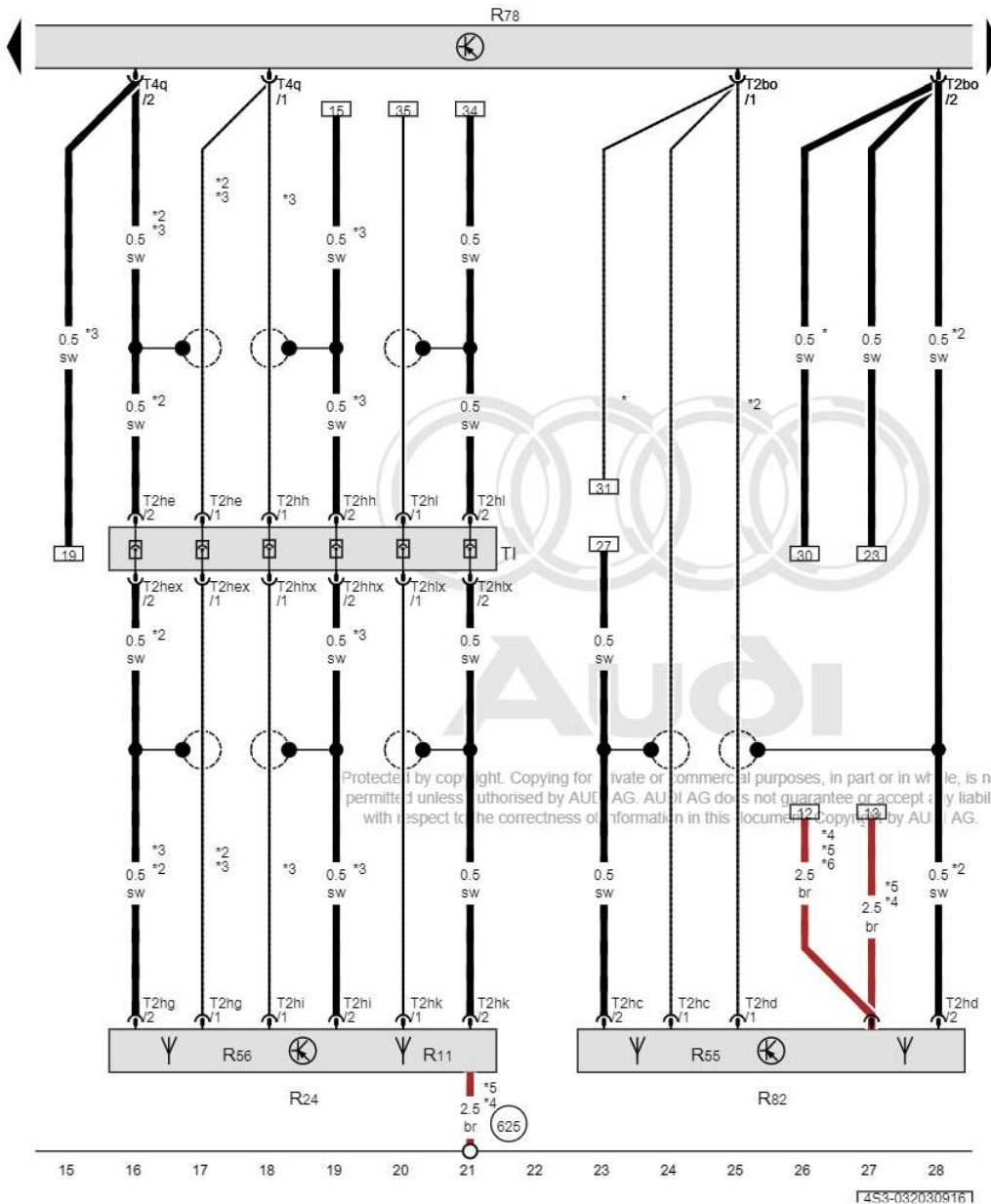
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1453-0320209181



Antenna, Antenna amplifier, TV antenna 1, TV antenna 2, TV tuner, TV antenna amplifier 1

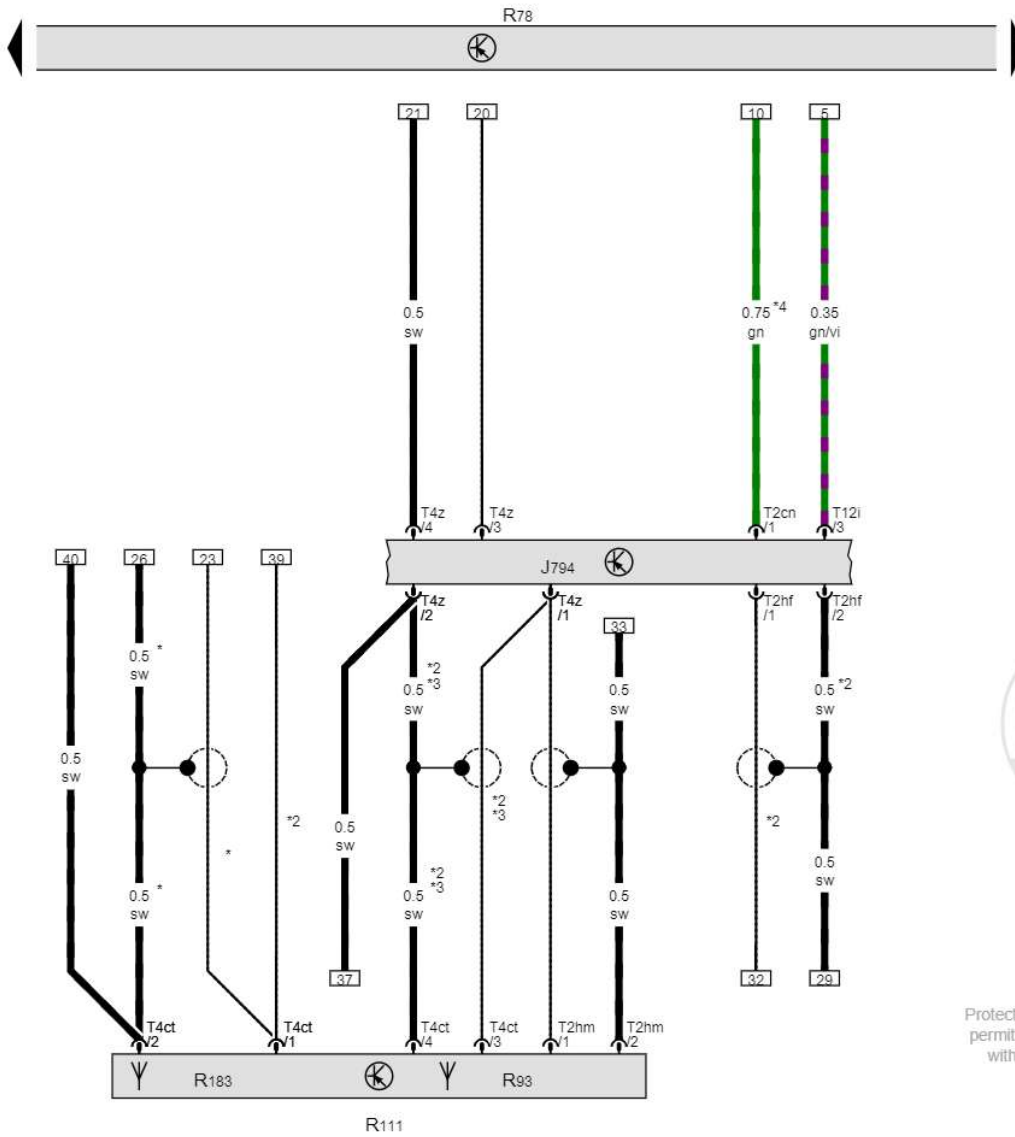


- R11 Antenna
  - R24 Antenna amplifier
  - R55 TV antenna 1
  - R56 TV antenna 2
  - R78 TV tuner
  - R82 TV antenna amplifier 1
  - T2bo 2-pin connector, brown
  - T2hc 2-pin connector, green
  - T2hd 2-pin connector, brown
  - T2he 2-pin connector, brown
  - T2hex 2-pin connector, brown
  - T2hg 2-pin connector, brown
  - T2hh 2-pin connector, green
  - T2hxx 2-pin connector, green
  - T2hi 2-pin connector, green
  - T2hk 2-pin connector, white
  - T2hl 2-pin connector, white
  - T2hx 2-pin connector, white
  - T4q 4-pin connector, green
  - Tl Coupling point in interior
- 625 Left tail lamp ground connection
- \* Only for vehicles with Korea equipment
  - \*2 Only for vehicles with Japan equipment
  - \*3 Only for vehicles with TV tuner
  - \*4 Ground supply via the housing
  - \*5 Coupe
  - \*6 Running change

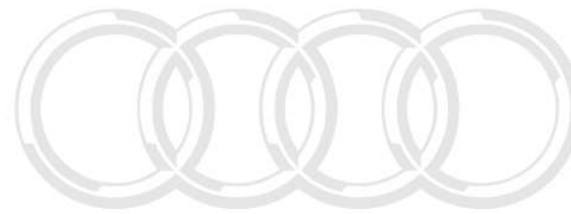
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- rs = pink

1453-032030916

TV tuner, Radio antenna 2, Antenna amplifier 2, Digital radio antenna



- J794 Information electronics control module 1
- R78 TV tuner
- R93 Radio antenna 2
- R111 Antenna amplifier 2
- R183 Digital radio antenna
- T2cn 2-pin connector, black
- T2hf 2-pin connector, black
- T2hm 2-pin connector, naturally cloudy
- T4ct 4-pin connector, naturally cloudy
- T4z 4-pin connector, white
- T12i 12-pin connector, gray
- \* Only for vehicles with Korea equipment
- \*2 Only for vehicles with a digital radio
- \*3 Only for vehicles with TV tuner
- \*4 Fiber optic cable



Audi

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

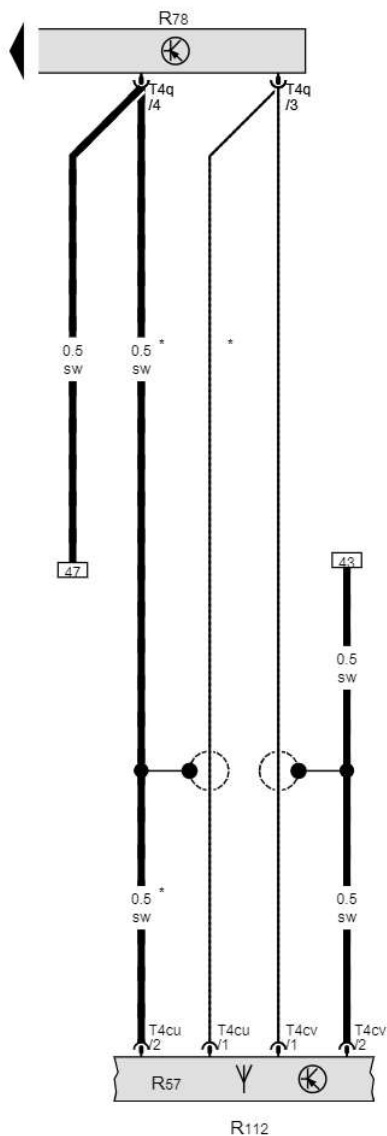
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29 30 31 32 33 34 35 36 37 38 39 40 41 42

1453-0320409161

TV antenna 3, TV tuner, Antenna amplifier 3

- R57 TV antenna 3
- R78 TV tuner
- R112 Antenna amplifier 3
- T4cu 4-pin connector, brown
- T4cv 4-pin connector, green
- T4q 4-pin connector, green
- \* Only for vehicles with Japan equipment



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

[453-032050916]

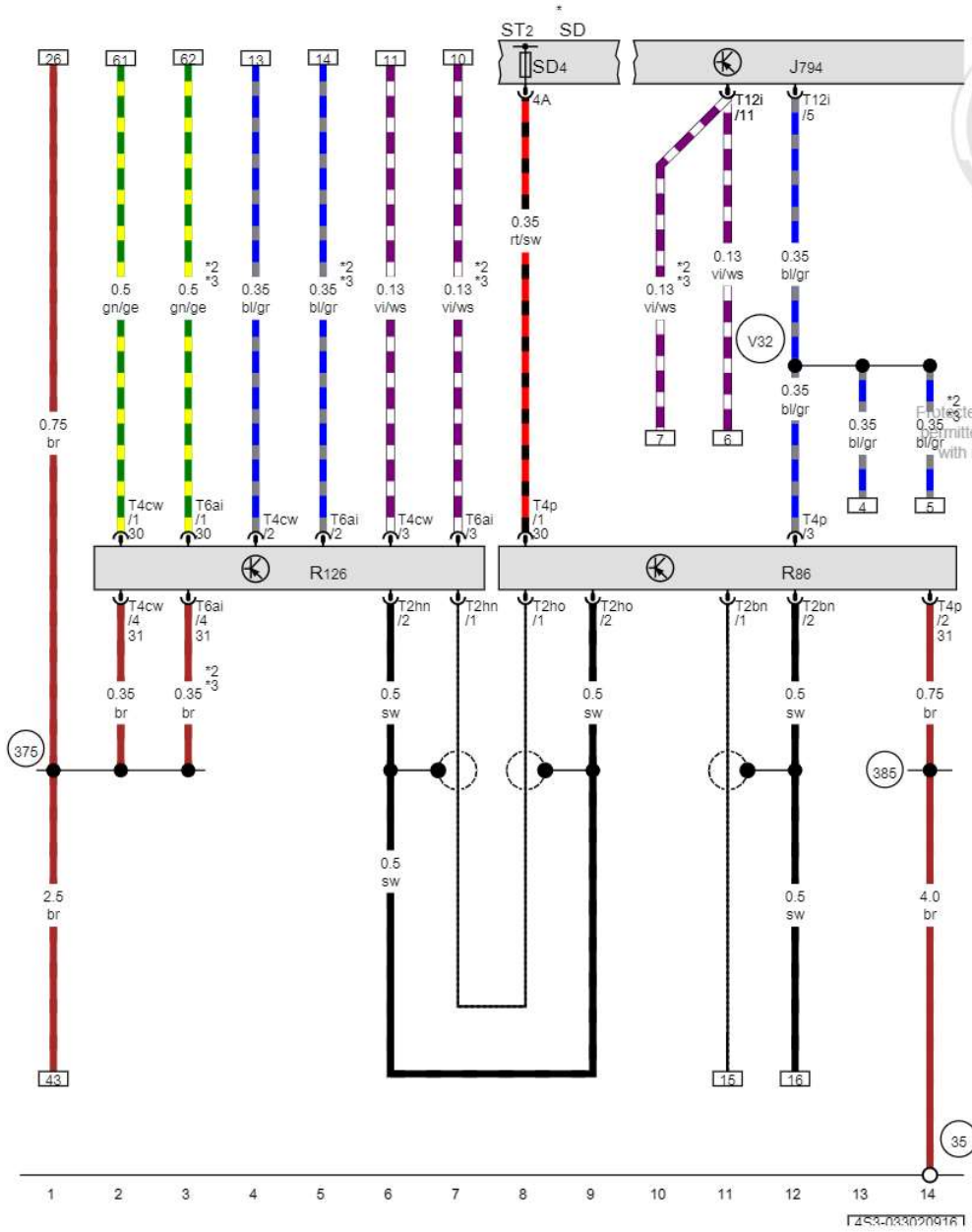
Cell phone system , (9ZE),(9ZX)  
from September 2015



Audi

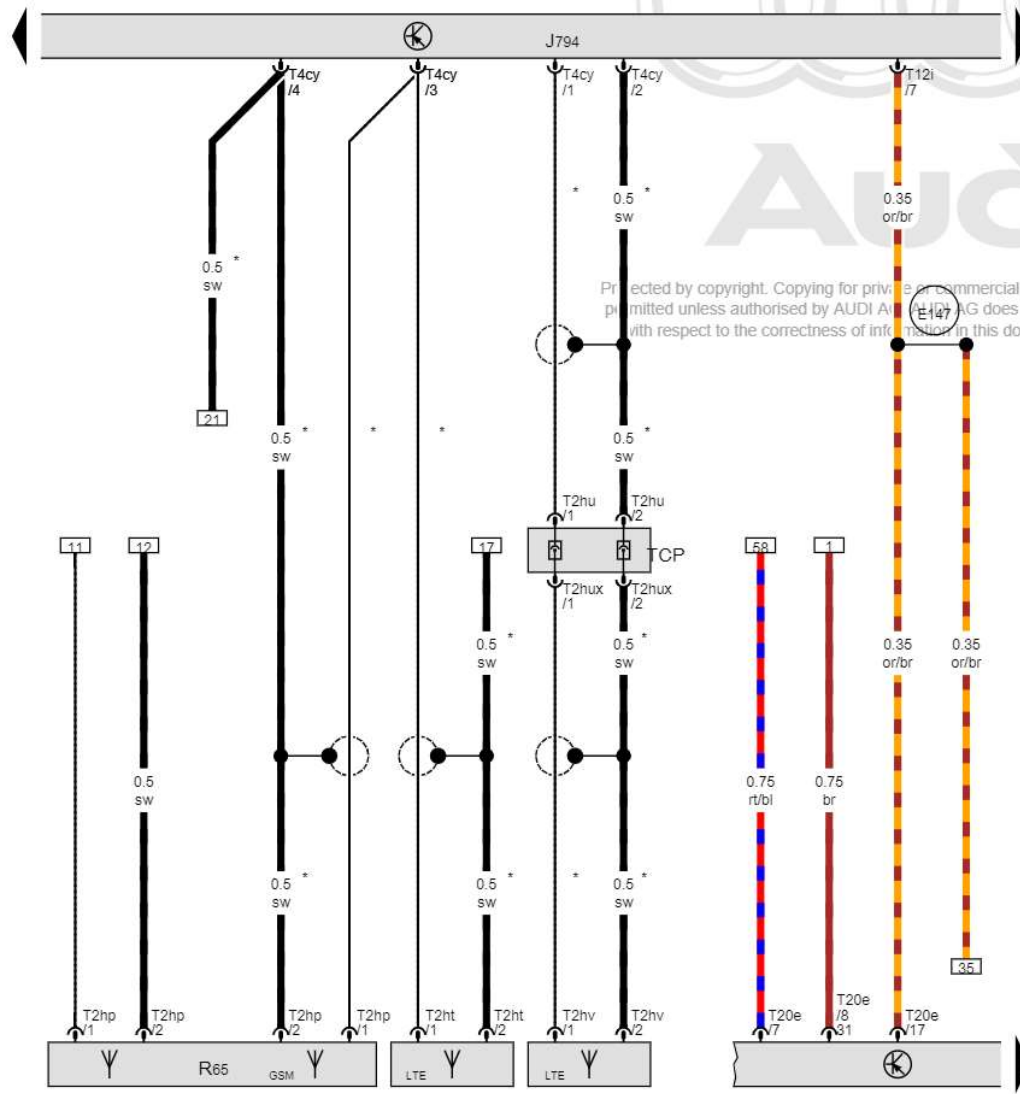
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Information electronics control module 1, Cellular telephone amplifier, Telephone baseplate



- J794 Information electronics control module 1
- R86 Cellular telephone amplifier
- R126 Telephone baseplate
- SD Fuse panel D
- ST2 Fuse panel 2
- SD4 Fuse 4 (on fuse panel D)
- T2bn 2-pin connector, purple
- T2hn 2-pin connector, purple
- T2ho 2-pin connector, black
- T4cw 4-pin connector, brown
- T4p 4-pin connector, black
- T6ai 6-pin connector, black
- T12i 12-pin connector, gray
- 35 Ground connection under front passenger seat
- 375 Ground connection 10 (in main wiring harness)
- 385 Ground connection 20 (in main wiring harness)
- V32 Positive connection (30 (in telephone wiring harness))
- \* Refer to applicable wiring diagram for fuse positions from June 2016
- \*2 Component with wireless data transfer
- \*3

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



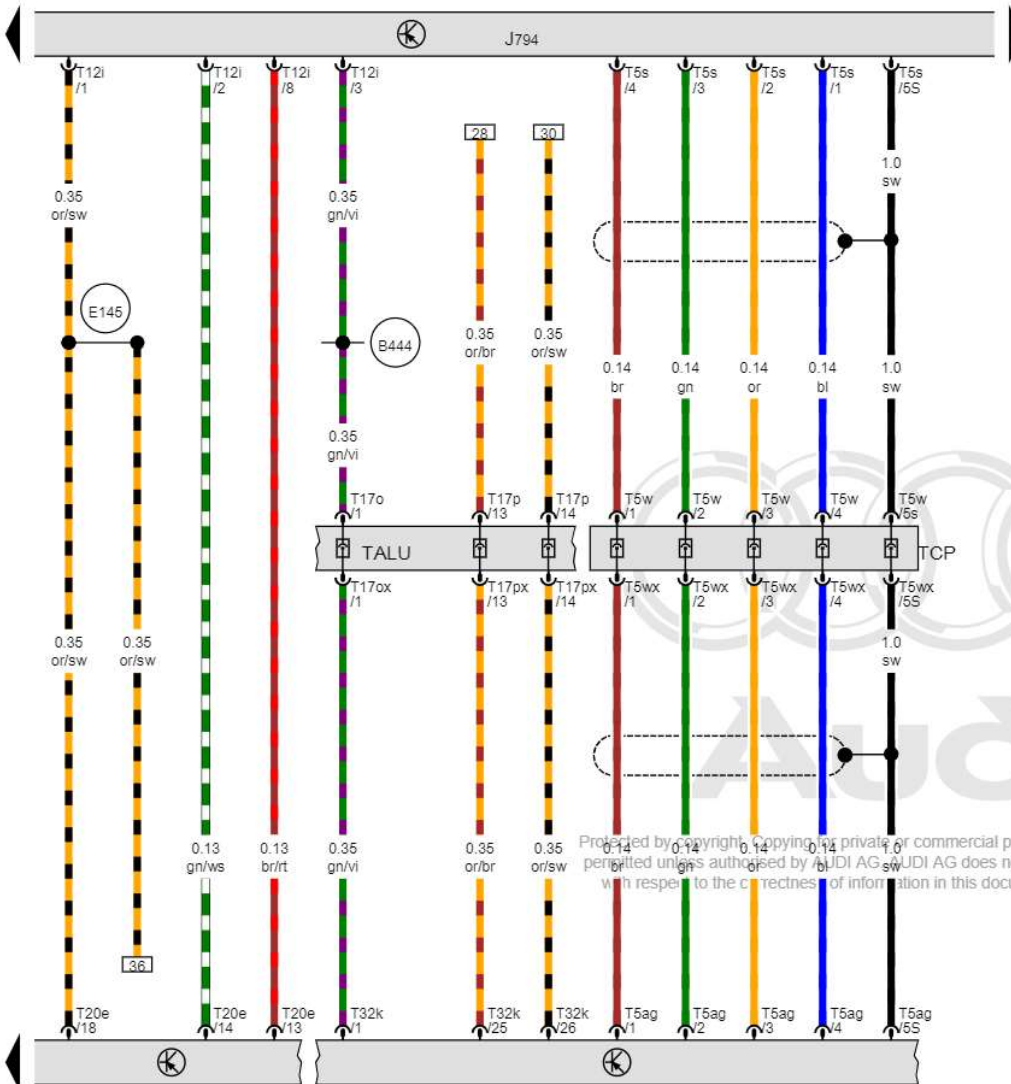
Multimedia system control head, Information electronics control module 1, Antenna amplifier 3, LTE antenna 1, LTE antenna 2

- E380 Multimedia system control head
- J794 Information electronics control module 1
- R65 Telephone antenna
- R112 Antenna amplifier 3
- R297 LTE antenna 1
- R306 LTE antenna 2
- T2hp 2-pin connector, purple
- T2ht 2-pin connector, purple
- T2hu 2-pin connector, purple
- T2hux 2-pin connector, purple
- T2hv 2-pin connector, purple
- T4cy 4-pin connector, purple
- T12i 12-pin connector, gray
- T20e 20-pin connector, red
- TCP Coupling point on instrument panel
- (E147) Connection 1 (CAN bus information electronics control module 1, low)
- \* Depending on equipment

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- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
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- vi = lilac
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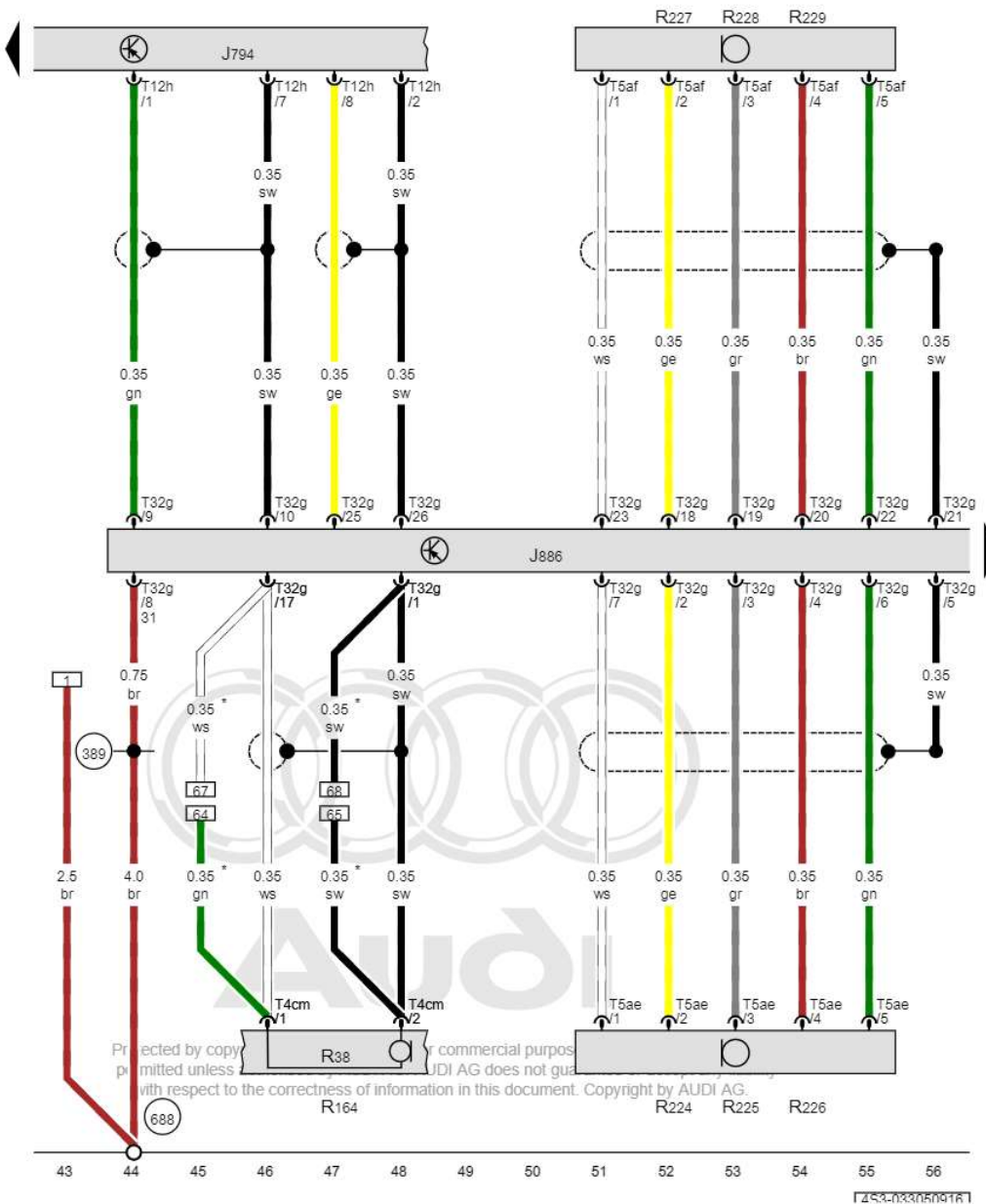
15 16 17 18 19 20 21 22 23 24 25 26 27 28

Multimedia system control head, Instrument cluster control module, Information electronics control module 1



- E380 Multimedia system control head
- J285 Instrument cluster control module
- J794 Information electronics control module 1
- T5ag 5-pin connector, black
- T5s 5-pin connector, gray
- T5w 5-pin connector, black
- T5wx 5-pin connector, black
- T12i 12-pin connector, gray
- T17o 17-pin connector, black
- T17ox 17-pin connector, black
- T17p 17-pin connector, brown
- T17px 17-pin connector, brown
- T20e 20-pin connector, red
- T32k 32-pin connector, gray
- TALU Coupling point on left A-pillar, bottom
- TCP Coupling point on instrument panel
- (B444) OBD connection 1 (in main wiring harness)
- (E145) Connection 1 (CAN bus information electronics control module 1, high)

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Information electronics control module 1, Seat belt microphone control module, Microphone unit in front roof module, Driver microphone 1, Front passenger microphone 1

- J794 Information electronics control module 1
- J886 Seat belt microphone control module
- R38 Telephone microphone
- R164 Microphone unit in front roof module
- R224 Driver microphone 1
- R225 Driver microphone 2
- R226 Driver microphone 3
- R227 Front passenger microphone 1
- R228 Front passenger microphone 2
- R229 Front passenger microphone 3
- T4cm 4-pin connector, black
- T5ae 5-pin connector, black
- T5af 5-pin connector, black
- T12h 12-pin connector, blue
- T32g 32-pin connector, black

389 Ground connection 24 (in main wiring harness)

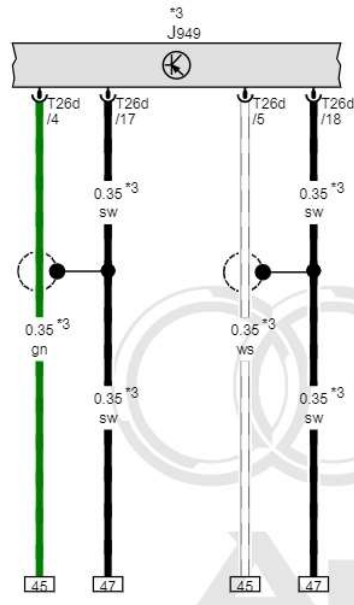
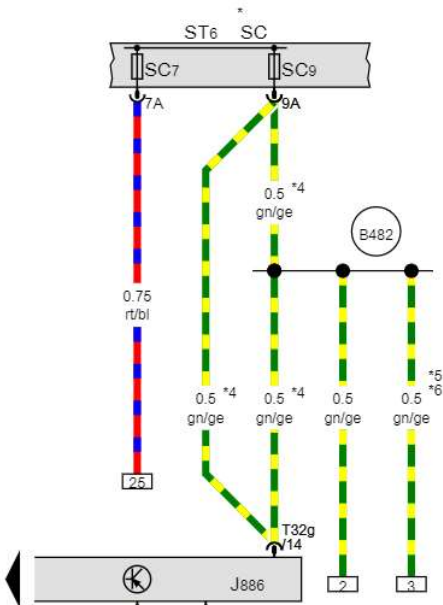
688 Ground connection 2 on center tunnel

\* Only for vehicles with emergency call module

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- bl = blue
- gr = grey
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Seat belt microphone control module



- J886 Seat belt microphone control module
- J949 Control module for emergency call module and communication unit
- SC Fuse panel C
- ST6 Fuse panel 6
- SC7 Fuse 7 (on fuse panel C)
- SC9 Fuse 9 (on fuse panel C)
- T26d 26-pin connector, black
- T32g 32-pin connector, black
- B482 Connection 18 (in main wiring harness)
- B708 Instrument cluster CAN bus high connection 1 (in main wiring harness)
- B709 Instrument cluster CAN bus low connection 1 (in main wiring harness)
- \* Refer to applicable wiring diagram for fuse positions
- \*2 Refer to applicable wiring diagram for data bus networking
- \*3 Only for vehicles with emergency call module
- \*4 Depending on equipment
- \*5 from June 2016
- \*6 Component with wireless data transfer

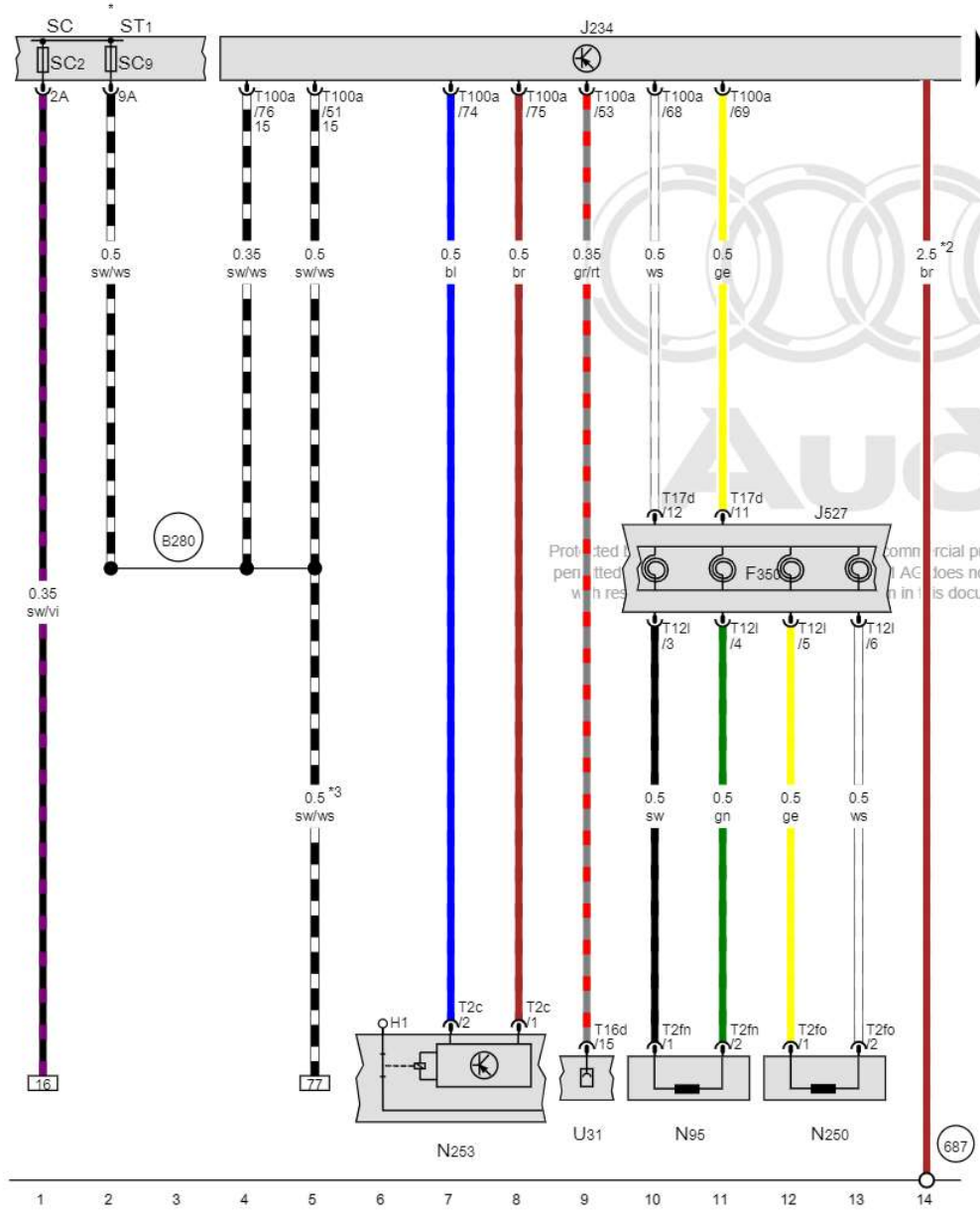
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Airbag systems (USA)  
from September 2015



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Airbag control module, Driver airbag igniter, Driver airbag igniter 2

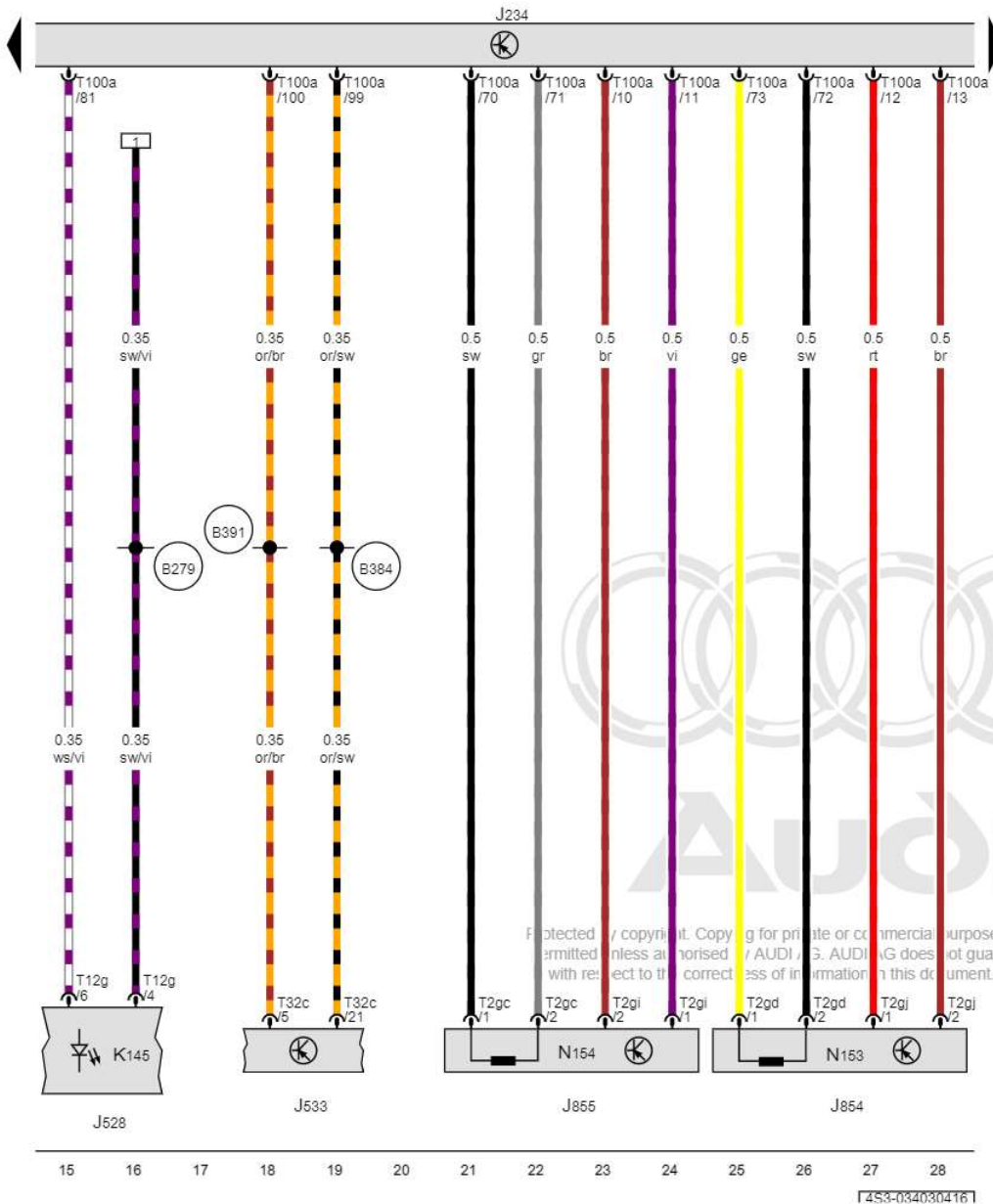
- F350 Spiral spring
- J234 Airbag control module
- J527 Steering column electronics control module
- N95 Driver airbag igniter
- N250 Driver airbag igniter 2
- N253 Battery interrupt igniter
- SC Fuse panel C
- ST1 Fuse panel 1
- SC2 Fuse 2 (on fuse panel C)
- SC9 Fuse 9 (on fuse panel C)
- T2c 2-pin connector, purple
- T2fn 2-pin connector
- T2fo 2-pin connector
- T12l 12-pin connector
- T16d 16-pin connector, black
- T17d 17-pin connector, yellow
- T100a 100-pin connector, yellow
- U31 Diagnostic connection

- 687 Ground connection 1 on center tunnel
- B280 Positive connection 4 (15a) (in main wiring harness)
- \* Refer to applicable wiring diagram for fuse positions
- \*2 Ground supply via the housing
- \*3 Only for vehicles with front passenger passive occupant detection system

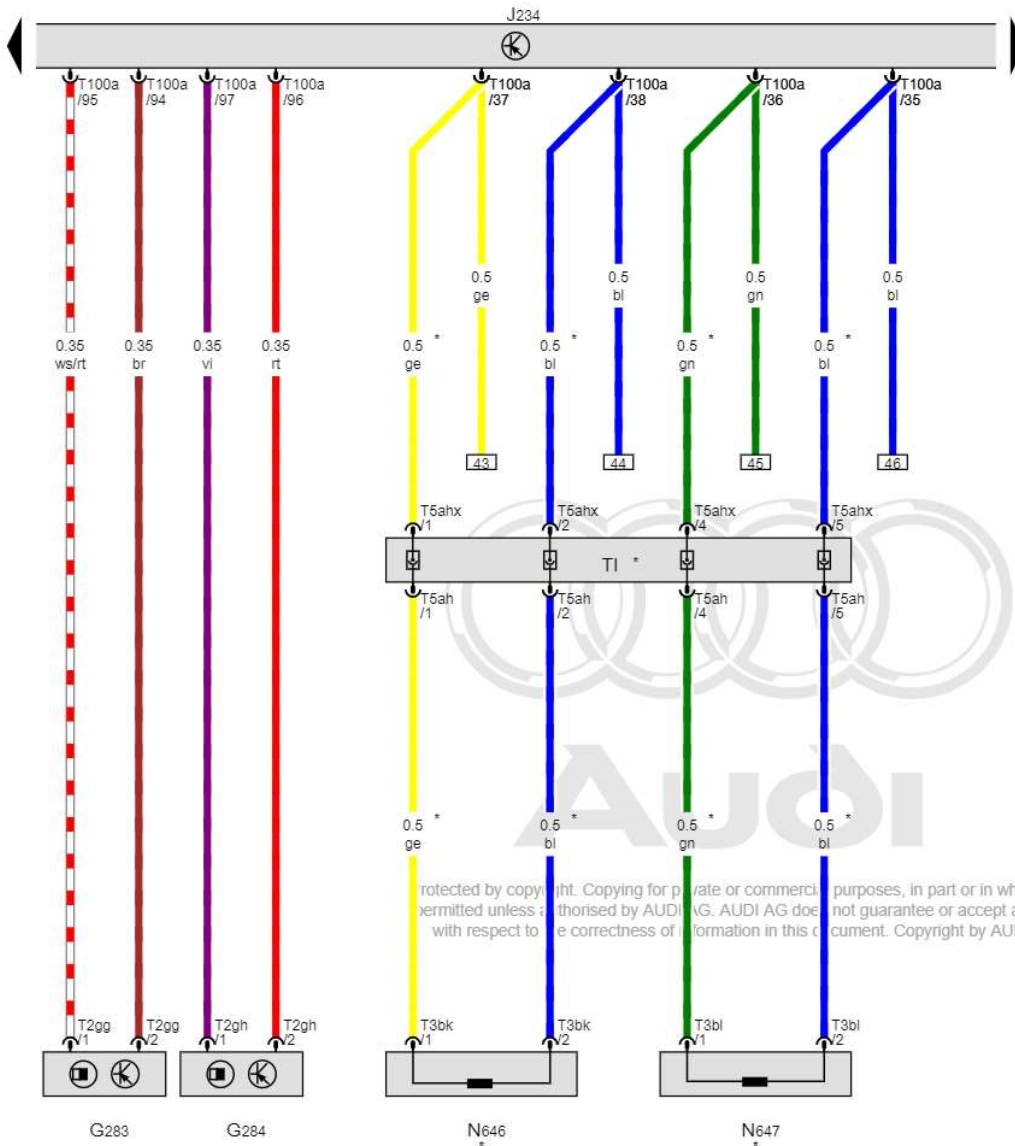
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1453-0340204181

Airbag control module, Front passenger airbag -disabled- indicator lamp, Driver seat belt tensioner igniter 1, Front passenger seat belt tensioner igniter 1



- J234 Airbag control module
- J528 Roof electronics control module
- J533 Data bus on board diagnostic interface
- J854 Left front seat belt tensioner control module
- J855 Right front seat belt tensioner control module
- K145 Front passenger airbag -disabled- indicator lamp
- N153 Driver seat belt tensioner igniter 1
- N154 Front passenger seat belt tensioner igniter 1
- T2gc 2-pin connector, yellow
- T2gd 2-pin connector, yellow
- T2gi 2-pin connector
- T2gj 2-pin connector
- T12g 12-pin connector, black
- T32c 32-pin connector, black
- T100a 100-pin connector, yellow
- B279 Positive connection 3 (15a) (in main wiring harness)
- B384 Powertrain CAN bus high connection 2 (in main wiring harness)
- B391 Powertrain CAN bus low connection 2 (in main wiring harness)

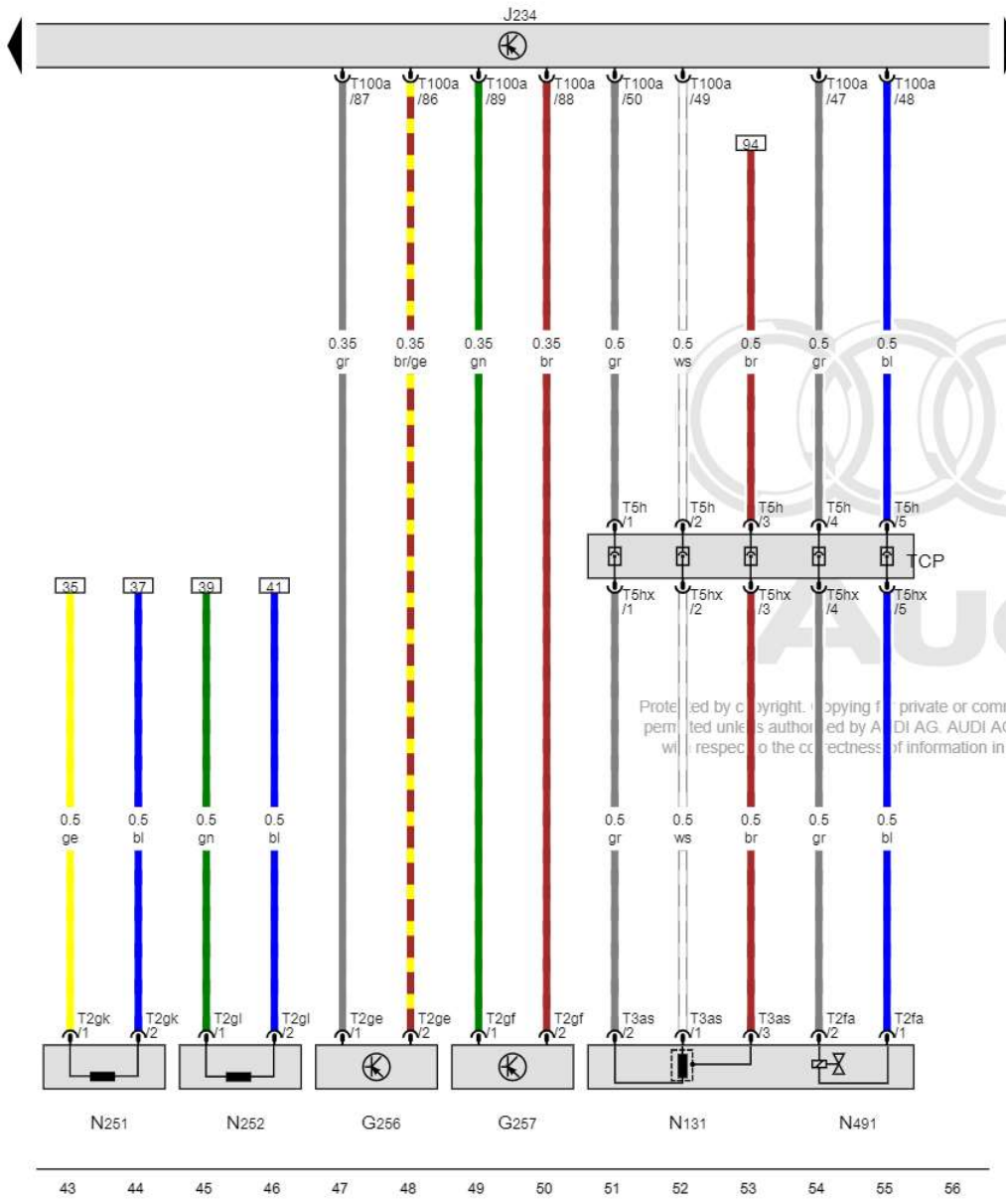


Driver front airbag crash sensor, Passenger side front airbag crash sensor, Airbag control module, Driver side rollover protection igniter, Front passenger side rollover protection igniter

- G283 Driver front airbag crash sensor
- G284 Passenger side front airbag crash sensor
- J234 Airbag control module
- N646 Driver side rollover protection igniter
- N647 Front passenger side rollover protection igniter
- T2gg 2-pin connector, yellow
- T2gh 2-pin connector, yellow
- T3bk 3-pin connector, yellow
- T3bl 3-pin connector, yellow
- T5ah 5-pin connector, yellow
- T5ahx 5-pin connector, yellow
- T100a 100-pin connector, yellow
- T1 Coupling point in interior, near the vehicle electrical system control module
- \* Only for Audi R8 Spyder

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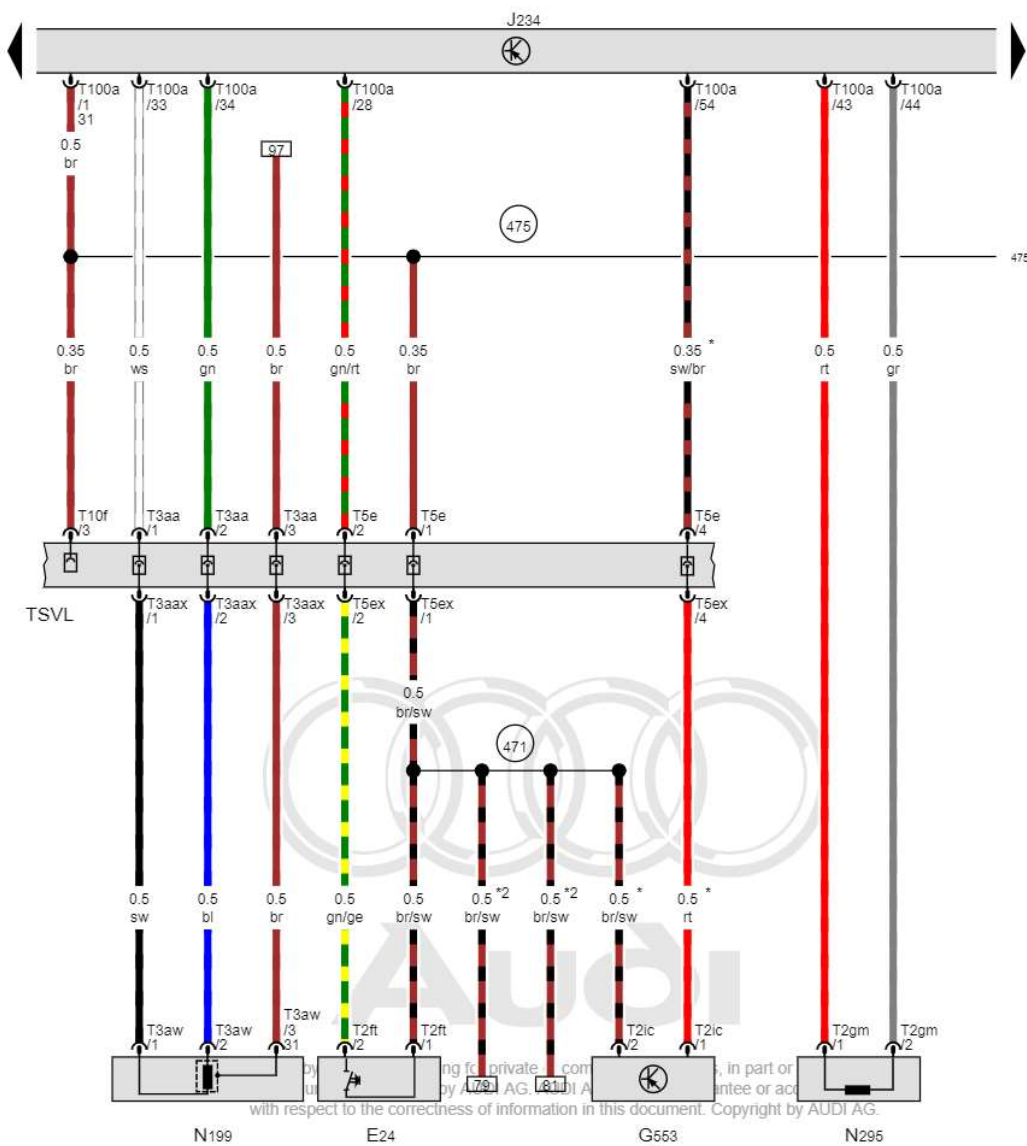
Driver side rear thorax airbag crash sensor, Passenger side rear thorax airbag crash sensor, Airbag control module, Front passenger airbag igniter 1, Driver head curtain airbag igniter, Front passenger head curtain airbag igniter, Front passenger airbag release valve igniter

- G256 Driver side rear thorax airbag crash sensor
- G257 Passenger side rear thorax airbag crash sensor
- J234 Airbag control module
- N131 Front passenger airbag igniter 1
- N251 Driver head curtain airbag igniter
- N252 Front passenger head curtain airbag igniter
- N491 Front passenger airbag release valve igniter
- T2fa 2-pin connector, yellow
- T2ge 2-pin connector, yellow
- T2gf 2-pin connector, yellow
- T2gk 2-pin connector, yellow
- T2gl 2-pin connector, yellow
- T3as 3-pin connector, yellow
- T5h 5-pin connector, yellow
- T5hx 5-pin connector, yellow
- T100a 100-pin connector, yellow
- TCP Coupling point on instrument panel

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- rs = pink

1253-0340504161



Driver seat belt switch, Airbag control module, Driver thorax airbag igniter

- E24 Driver seat belt switch
- G553 Driver seat position sensor
- J234 Airbag control module
- N199 Driver thorax airbag igniter
- N295 Driver knee airbag igniter
- T2ft 2-pin connector, black
- T2gm 2-pin connector
- T2ic 2-pin connector
- T3aa 3-pin connector, yellow
- T3aax 3-pin connector, yellow
- T3aw 3-pin connector, white
- T5e 5-pin connector, black
- T5ex 5-pin connector, black
- T10f 10-pin connector, red
- T100a 100-pin connector, yellow
- TSVL Left front seat coupling station

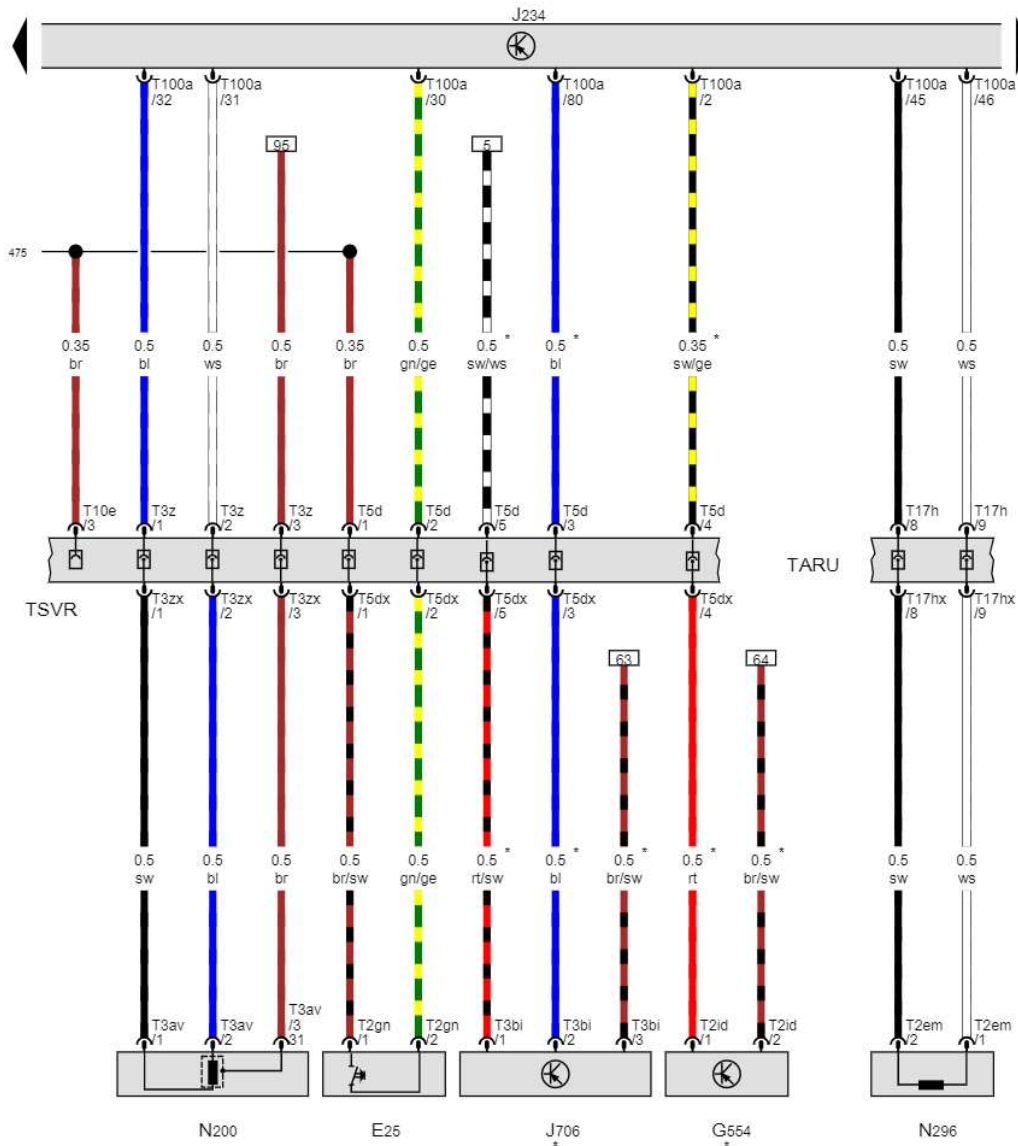
471 Ground connection 5 (in seat adjustment wiring harness)

475 Airbag ground connection (in main wiring harness)

\* Only for vehicles with a passive occupant detection system

\*2 Only for vehicles with front passenger passive occupant detection system

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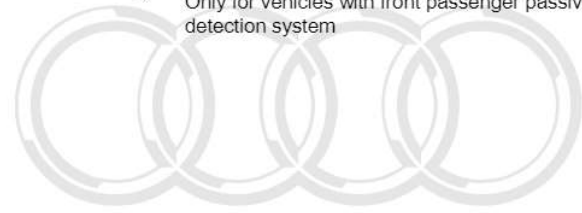


Front passenger seat belt switch, Front passenger seat position sensor, Airbag control module, Passenger occupant detection system control module, Front passenger thorax airbag igniter

- E25 Front passenger seat belt switch
- G554 Front passenger seat position sensor
- J234 Airbag control module
- J706 Passenger occupant detection system control module
- N200 Front passenger thorax airbag igniter
- N296 Front passenger knee airbag igniter
- T2em 2-pin connector
- T2gn 2-pin connector, black
- T2id 2-pin connector
- T3av 3-pin connector, white
- T3bi 3-pin connector
- T3z 3-pin connector, yellow
- T3zx 3-pin connector, yellow
- T5d 5-pin connector, black
- T5dx 5-pin connector, black
- T10e 10-pin connector, red
- T17h 17-pin connector, yellow
- T17hx 17-pin connector, yellow
- T100a 100-pin connector, yellow
- TARU Coupling point on right A-pillar, bottom
- TSVR Right front seat coupling station

475 Airbag ground connection (in main wiring harness)

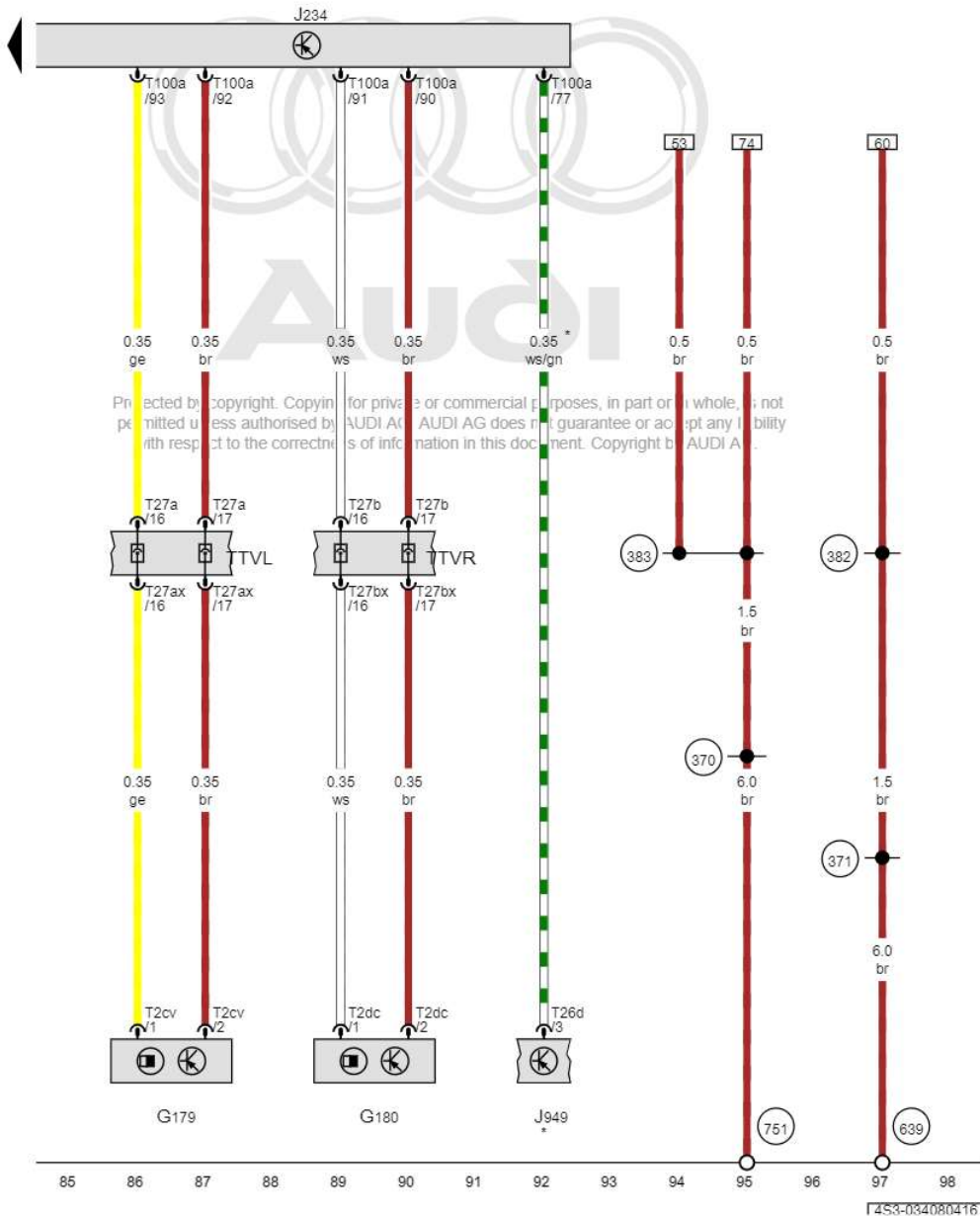
\* Only for vehicles with front passenger passive occupant detection system



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Driver thorax airbag crash sensor, Front passenger thorax airbag crash sensor, Airbag control module

- G179 Driver thorax airbag crash sensor
- G180 Front passenger thorax airbag crash sensor
- J234 Airbag control module
- J949 Control module for emergency call module and communication unit
- T2cv 2-pin connector, yellow
- T2dc 2-pin connector, yellow
- T26d 26-pin connector, black
- T27a 27-pin connector, black
- T27ax 27-pin connector, black
- T27b 27-pin connector, black
- T27bx 27-pin connector, black
- T100a 100-pin connector, yellow
- TTVL Left front door coupling point
- TTVR Right front door coupling point

- 370 Ground connection 5 (in main wiring harness)
- 371 Ground connection 6 (in main wiring harness)
- 382 Ground connection 17 (in main wiring harness)
- 383 Ground connection 18 (in main wiring harness)
- 639 Ground connection on left A-pillar
- 751 Ground connection 2 on right A-pillar
- \* Only for vehicles with emergency call module

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- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
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Convertible top , (K8W)  
from June 2016



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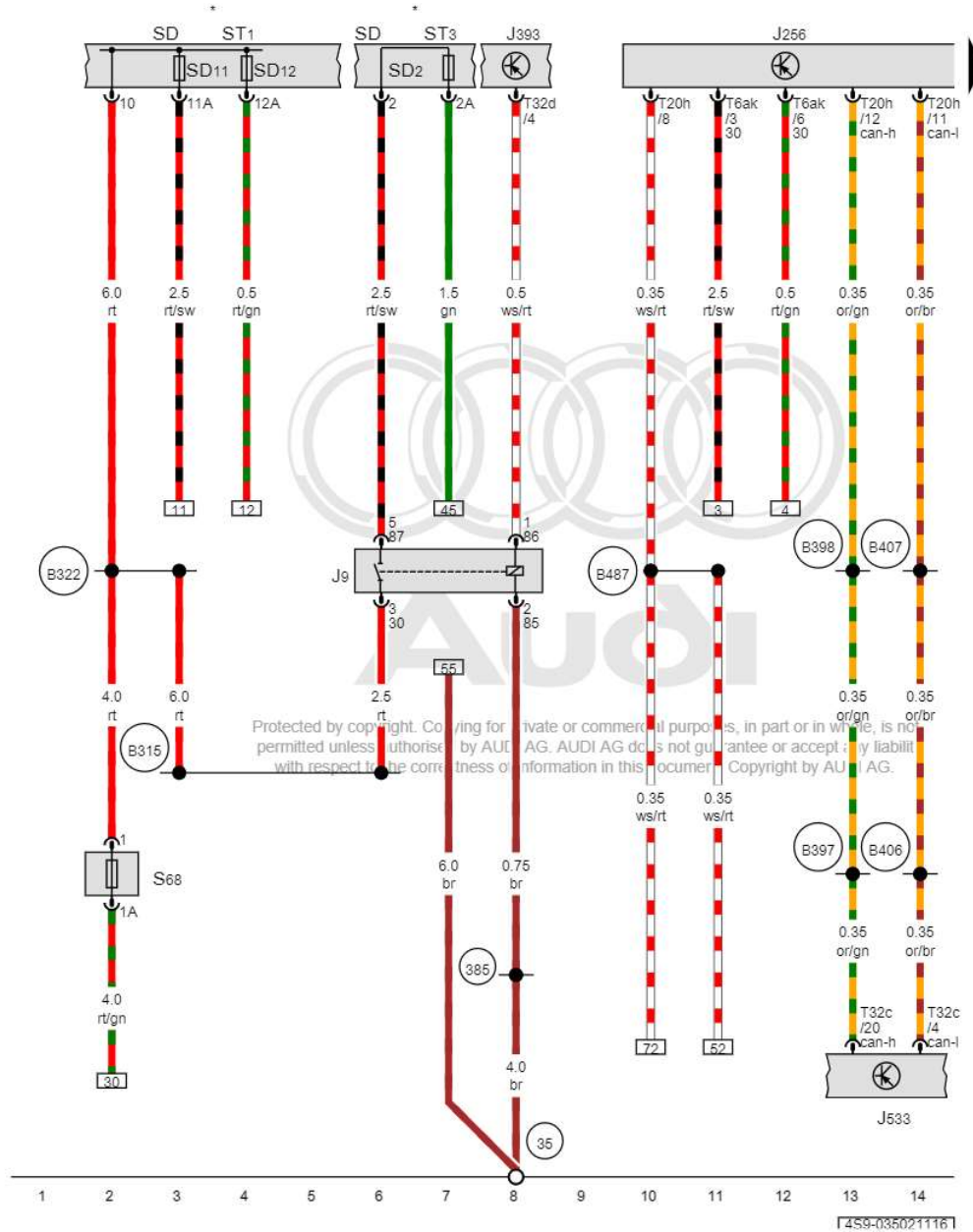
Rear window defogger relay, Convertible top control module

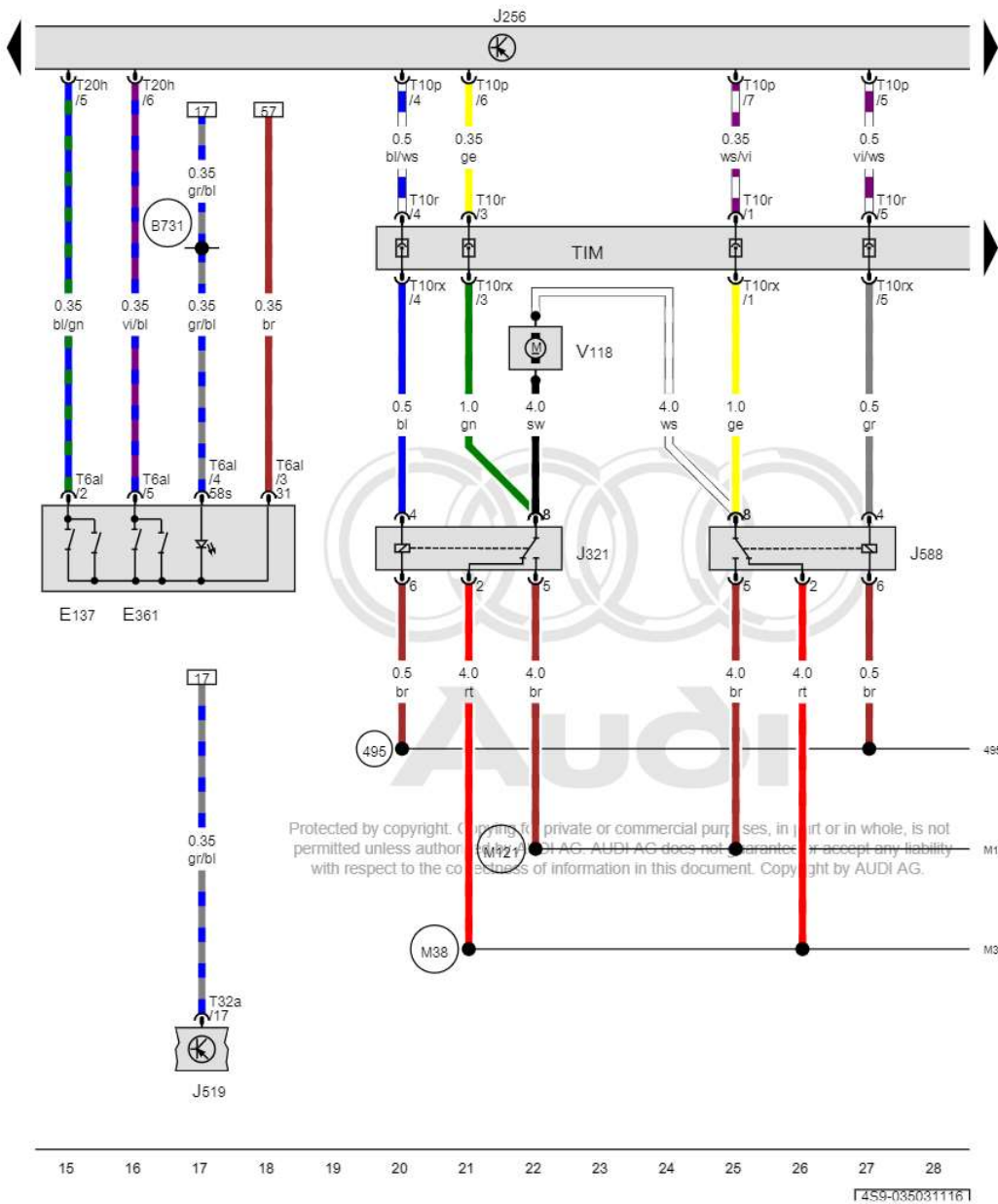
- J9 Rear window defogger relay
- J256 Convertible top control module
- J393 Comfort system central control module
- J533 Data bus on board diagnostic interface
- ST1 Fuse panel 1
- SD2 Fuse 2 (on fuse panel D)
- ST3 Fuse panel 3
- SD11 Fuse 11 (on fuse panel D)
- SD12 Fuse 12 (on fuse panel D)
- S68 Convertible top motor circuit breaker
- SD Fuse panel D
- T6ak 6-pin connector, black
- T20h 20-pin connector, red
- T32c 32-pin connector, black
- T32d 32-pin connector, black

- 35 Ground connection under front passenger seat
- 385 Ground connection 20 (in main wiring harness)
- B315 Positive connection 1 (30a) (in main wiring harness)
- B322 Positive connection 8 (30a) (in main wiring harness)
- B397 Comfort system CAN bus high connection 1 (in main wiring harness)
- B398 Comfort system CAN bus high connection 2 (in main wiring harness)
- B406 Comfort system CAN bus low connection 1 (in main wiring harness)
- B407 Comfort system CAN bus low connection 2 (in main wiring harness)
- B487 Connection 23 (in main wiring harness)

\* Refer to applicable wiring diagram for fuse positions

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- sw = black
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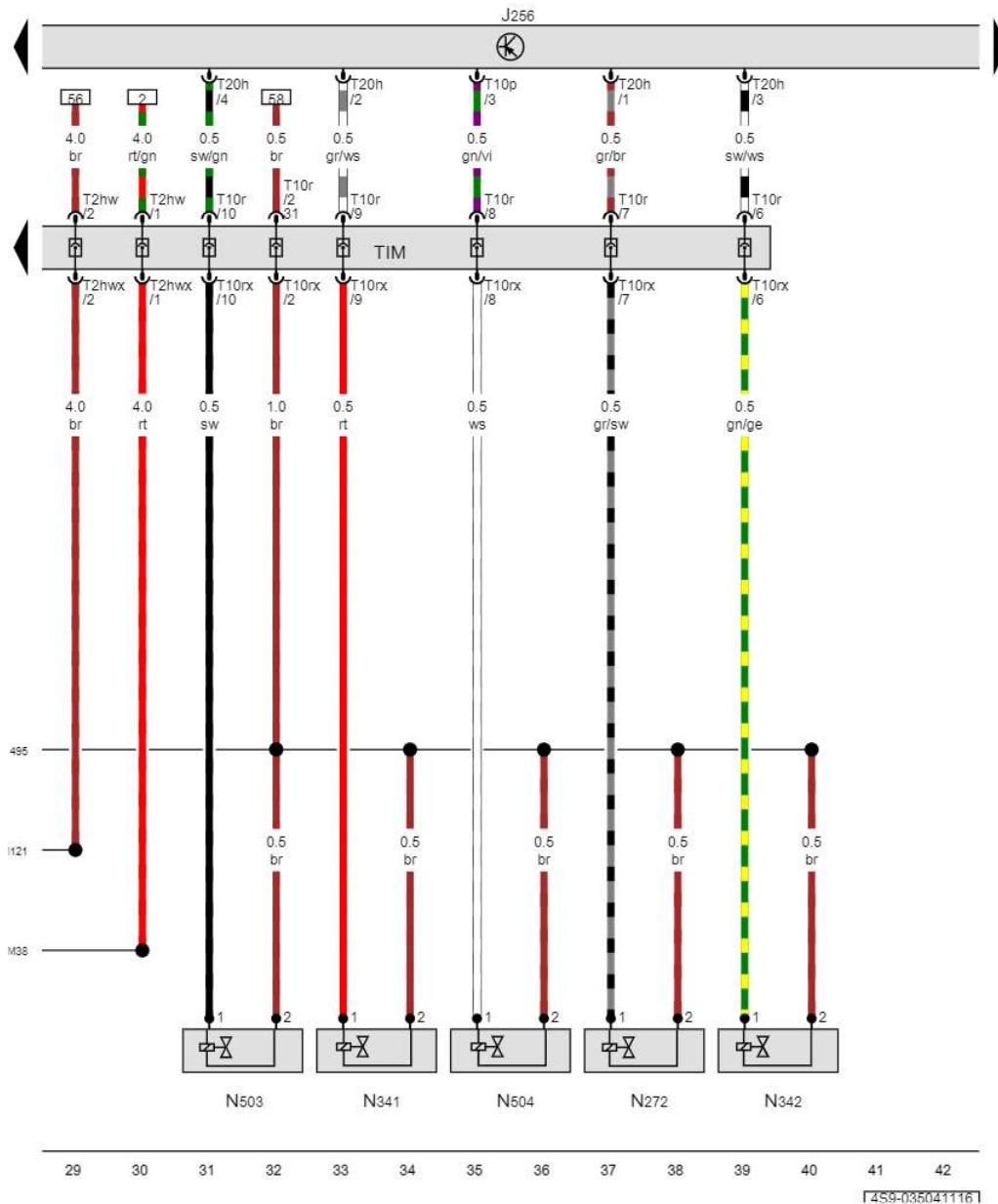


Convertible top operation switch, Convertible top control module, Convertible top hydraulic pump relay, Convertible top hydraulic pump relay 2, Convertible top hydraulic pump

- E137 Convertible top operation switch
- E361 Rear window opening button
- J256 Convertible top control module
- J321 Convertible top hydraulic pump relay
- J519 Vehicle electrical system control module
- J588 Convertible top hydraulic pump relay 2
- T6al 6-pin connector, red
- T10p 10-pin connector, red
- T10r 10-pin connector, black
- T10rx 10-pin connector, black
- T20h 20-pin connector, red
- T32a 32-pin connector, black
- TIM Coupling point in interior, center
- V118 Convertible top hydraulic pump

- 495 Ground connection 2 (in convertible top wiring harness)
- B731 Connection 58s (in main wiring harness) 1
- M38 Connection 7 (in convertible top wiring harness)
- M121 Connection 8 (in convertible top wiring harness)

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Convertible top control module, Power convertible top valve 1, Power convertible top valve 2, Power convertible top valve 3, Power convertible top valve 4, Power convertible top valve 5

- J256 Convertible top control module
- N272 Power convertible top valve 1
- N341 Power convertible top valve 2
- N342 Power convertible top valve 3
- N503 Power convertible top valve 4
- N504 Power convertible top valve 5
- T2hw 2-pin connector, black
- T2hwx 2-pin connector, black
- T10p 10-pin connector, red
- T10r 10-pin connector, black
- T10rx 10-pin connector, black
- T20h 20-pin connector, red
- TIM Coupling point in interior, center

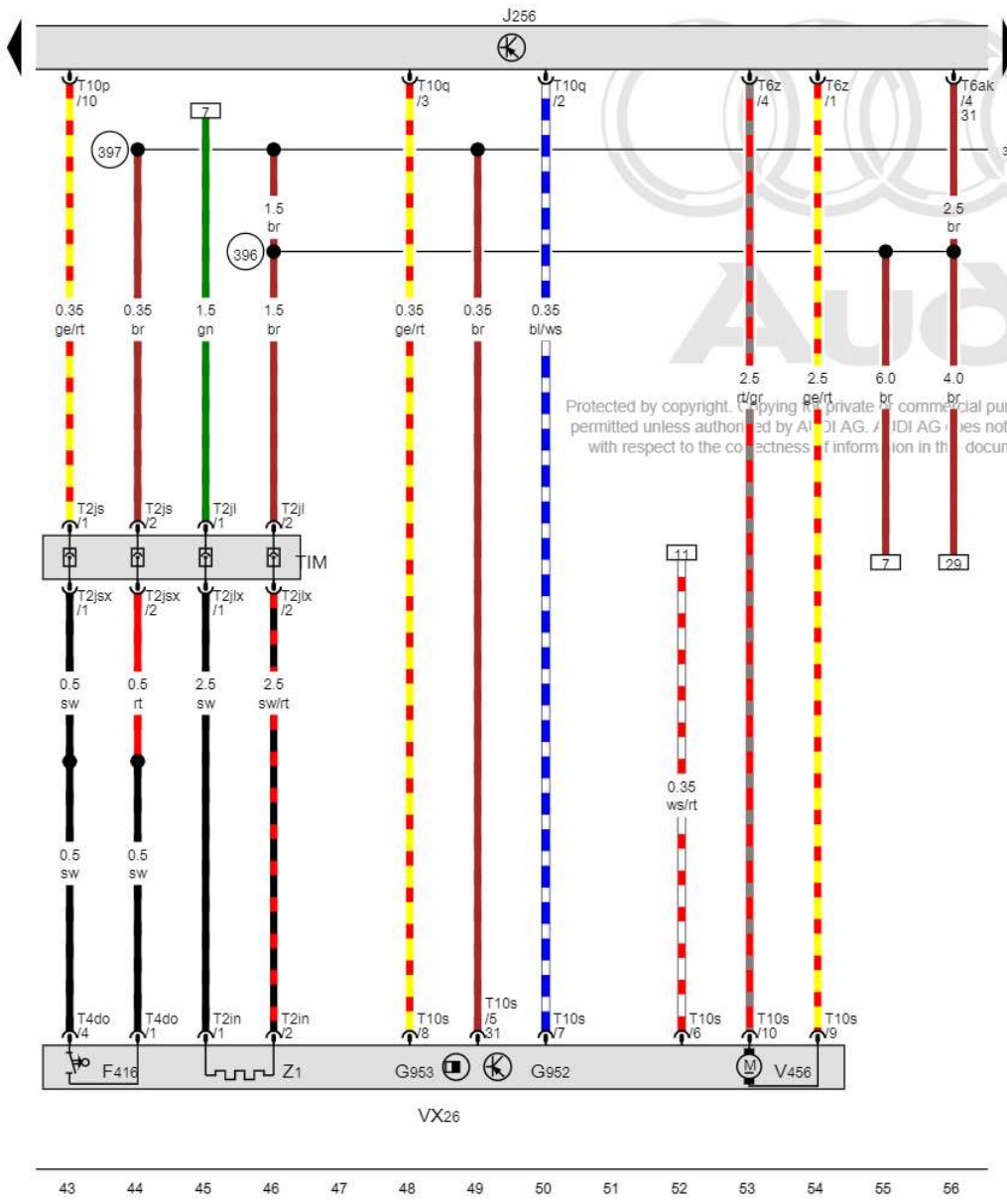
- 495 Ground connection 2 (in convertible top wiring harness)
- M38 Connection 7 (in convertible top wiring harness)
- M121 Connection 8 (in convertible top wiring harness)



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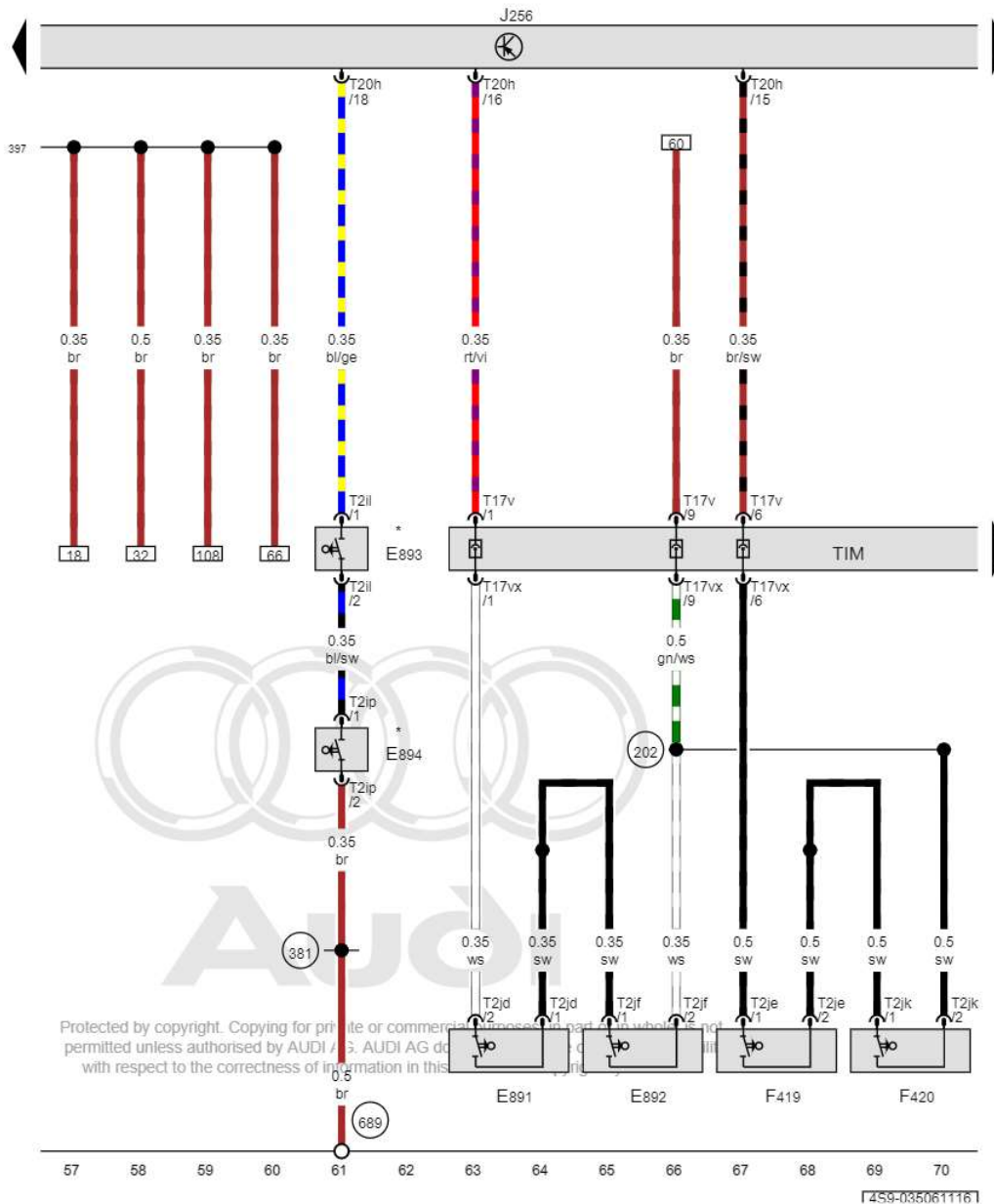


Lower rear window switch, Convertible top control module, Coupling point in interior, center, Rear window lock unit, Rear window defogger

- F416 Lower rear window switch
- G952 Rear window motor position sensor
- G953 Rear window motor position sensor 2
- J256 Convertible top control module
- T2in 2-pin connector, black
- T2jl 2-pin connector
- T2jlx 2-pin connector
- T2js 2-pin connector
- T2jsx 2-pin connector
- T4do 4-pin connector
- T6ak 6-pin connector, black
- T6z 6-pin connector, brown
- T10p 10-pin connector, red
- T10q 10-pin connector, black
- T10s 10-pin connector, black
- TIM Coupling point in interior, center
- VX26 Rear window lock unit
- V456 Rear window motor
- Z1 Rear window defogger

- 396 Ground connection 31 (in main wiring harness)
- 397 Ground connection 32 (in main wiring harness)

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- or = orange
- rs = pink



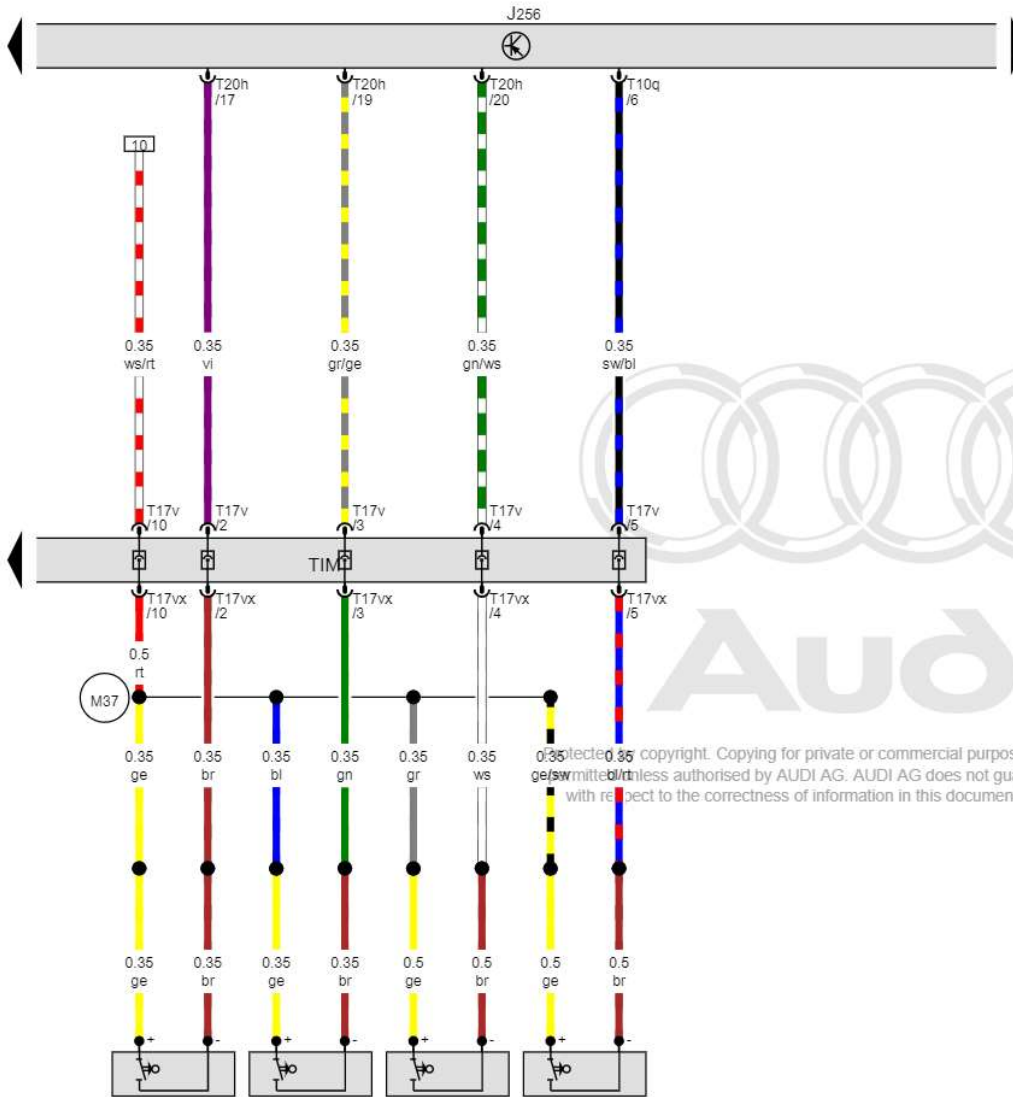
Convertible top latch -closed- left switch, Convertible top latch -closed- right switch, Convertible top locking readiness left switch, Convertible top locking readiness right switch, Left tensioning bow lowered position switch, Right tensioning bow lowered position switch, Convertible top control module

- E891 Convertible top latch -closed- left switch
- E892 Convertible top latch -closed- right switch
- E893 Convertible top locking readiness left switch
- E894 Convertible top locking readiness right switch
- F419 Left tensioning bow lowered position switch
- F420 Right tensioning bow lowered position switch
- J256 Convertible top control module
- T2il 2-pin connector, black
- T2ip 2-pin connector, black
- T2jd 2-pin connector
- T2je 2-pin connector
- T2jf 2-pin connector
- T2jk 2-pin connector
- T17v 17-pin connector, black
- T17vx 17-pin connector, black
- T20h 20-pin connector, red
- TIM Coupling point in interior, center

- 202 Ground connection (in convertible top wiring harness)
- 381 Ground connection 16 (in main wiring harness)
- 397 Ground connection 32 (in main wiring harness)
- 689 Ground connection on roof, center front
- \* pre-wired component

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17459-0350611161



Convertible top stowed position switch, Convertible top latch -open- switch, Upper right tensioning bow switch, Upper left tensioning bow switch, Convertible top control module

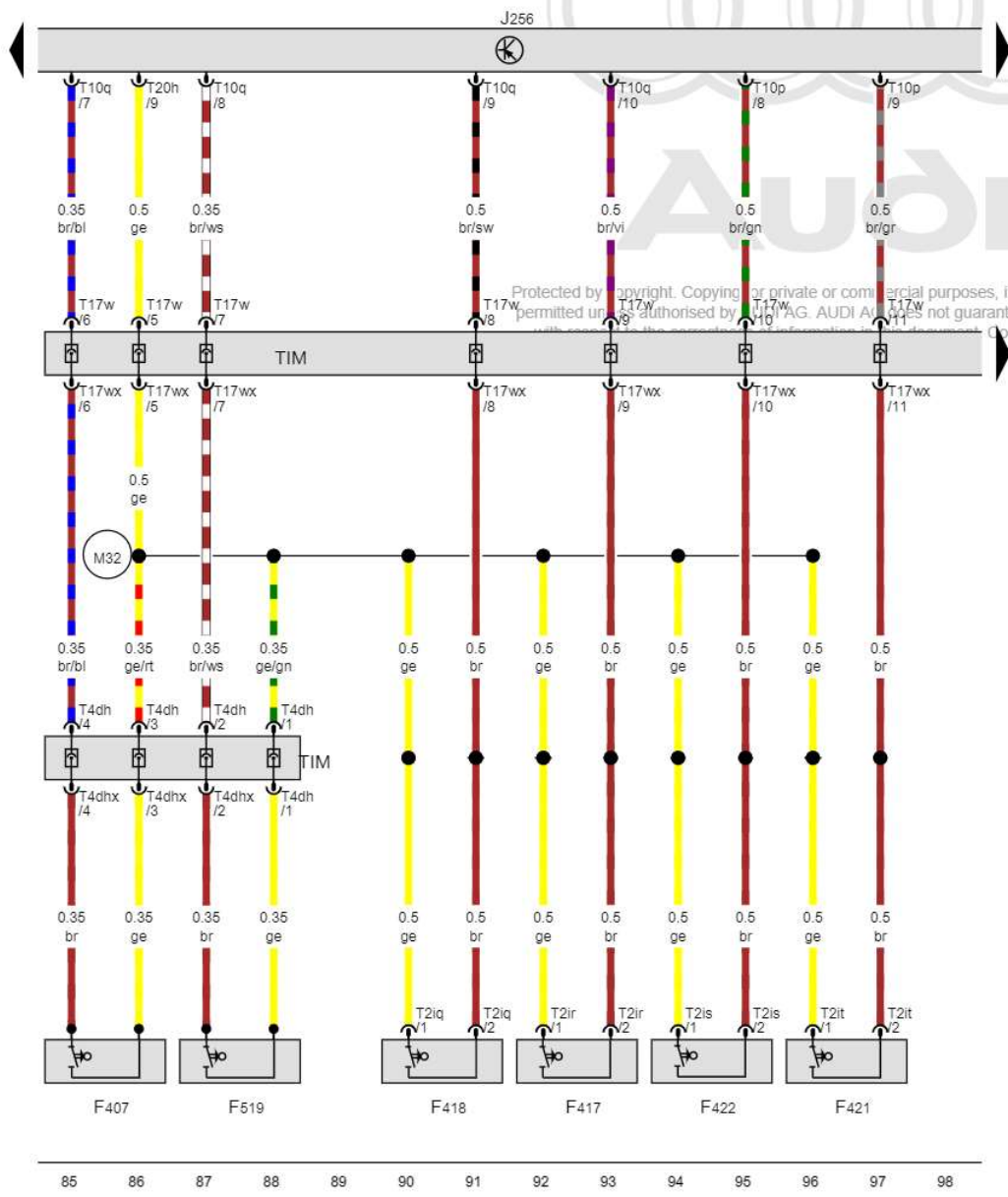
- F171 Convertible top stowed position switch
- F294 Convertible top latch -open- switch
- F431 Upper right tensioning bow switch
- F432 Upper left tensioning bow switch
- J256 Convertible top control module
- T10q 10-pin connector, black
- T17v 17-pin connector, black
- T17vx 17-pin connector, black
- T20h 20-pin connector, red
- TIM Coupling point in interior, center
- M37 Connection 6 (in convertible top wiring harness)



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- vi = lilac
- ge = yellow
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- rs = pink





Convertible top compartment -open- switch, Left convertible top compartment -locked- switch, Left convertible top compartment -unlocked- switch, Right convertible top compartment -locked- switch, Right convertible top compartment -unlocked- switch, Convertible top compartment cover -closed- switch, Convertible top control module

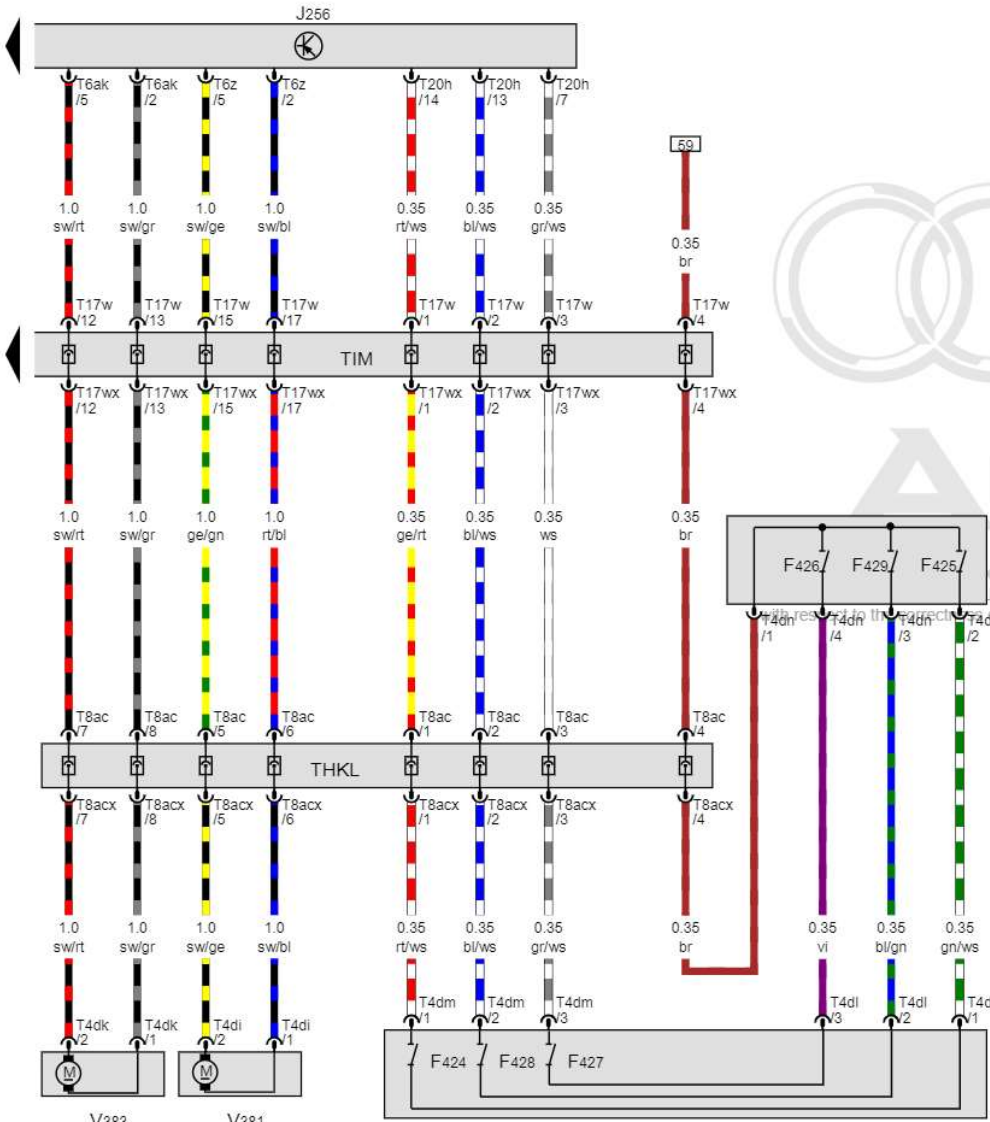
- F407 Convertible top compartment -open- switch
- F417 Left convertible top compartment -locked- switch
- F418 Left convertible top compartment -unlocked- switch
- F421 Right convertible top compartment -locked- switch
- F422 Right convertible top compartment -unlocked- switch
- F519 Convertible top compartment cover -closed- switch
- J256 Convertible top control module
- T2iq 2-pin connector
- T2ir 2-pin connector
- T2is 2-pin connector
- T2it 2-pin connector
- T4dh 4-pin connector, brown
- T4dhx 4-pin connector, brown
- T10p 10-pin connector, red
- T10q 10-pin connector, black
- T17w 17-pin connector, brown
- T17wx 17-pin connector, brown
- T20h 20-pin connector, red
- TIM Coupling point in interior, center

M32 Connection 1 (in convertible top wiring harness)

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- gr = grey
- li = lilac
- vi = lilac
- ge = yellow
- or = orange
- rs = pink

1459-0350811161

Convertible top control module, Right convertible top flap motor, Left convertible top flap motor



- F424 Left convertible top flap retracted position switch
- F425 Right convertible top flap retracted position switch
- F426 Right convertible top flap extended position switch
- F427 Left convertible top flap extended position switch
- F428 Left convertible top compartment center position switch
- F429 Right convertible top compartment center position switch
- J256 Convertible top control module
- T4di 4-pin connector
- T4dk 4-pin connector
- T4dl 4-pin connector, black
- T4dm 4-pin connector, black
- T4dn 4-pin connector, black
- T6ak 6-pin connector, black
- T6z 6-pin connector, brown
- T8ac 8-pin connector, black
- T8acx 8-pin connector, black
- T17w 17-pin connector, brown
- T17wx 17-pin connector, brown
- T20h 20-pin connector, red
- THKL Coupling point on rear lid, left
- TIM Coupling point in interior, center
- V381 Right convertible top flap motor
- V383 Left convertible top flap motor

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- bl = blue
- gr = grey
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- vi = lilac
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- or = orange
- rs = pink

1259-0350911161

Rearview camera (Rear Assist) , (KA2)  
from November 2016



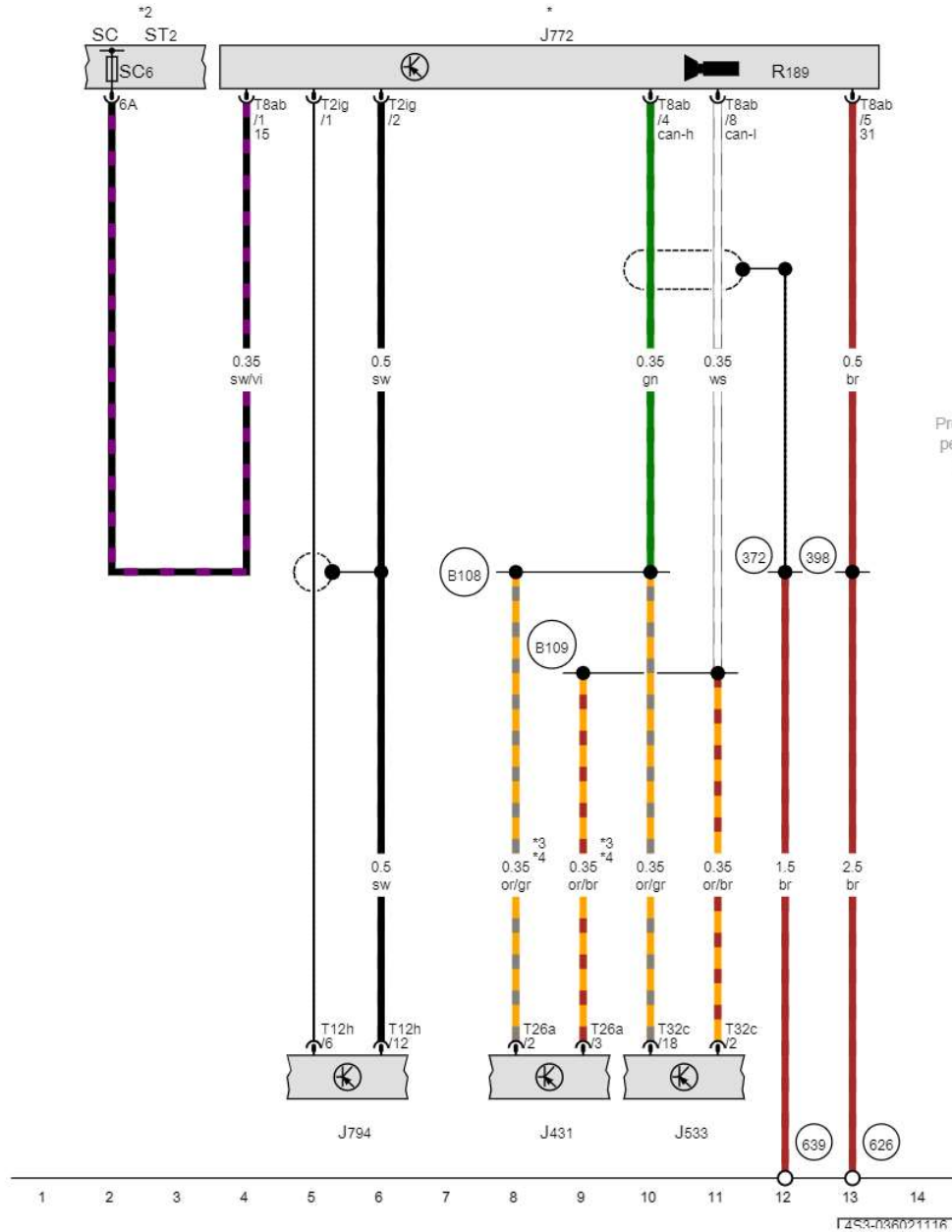
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Rearview camera system control module

- J431 Headlamp range control module
- J533 Data bus on board diagnostic interface
- J772 Rearview camera system control module
- J794 Information electronics control module 1
- R189 Rearview camera
- SC Fuse panel C
- ST2 Fuse panel 2
- SC6 Fuse 6 (on fuse panel C)
- T2ig 2-pin connector, white
- T8ab 8-pin connector, black
- T12h 12-pin connector, blue
- T26a 26-pin connector, white
- T32c 32-pin connector, black

- 372 Ground connection 7 (in main wiring harness)
- 398 Ground connection 33 (in main wiring harness)
- 626 Right tail lamp ground connection
- 639 Ground connection on left A-pillar
- B108 CAN bus extended high connection 1 (in main wiring harness)
- B109 CAN bus extended low connection 1 (in main wiring harness)
- \* pre-wired component
- \*2 Refer to applicable wiring diagram for fuse positions
- \*3 Only for vehicles with high beam assist
- \*4 Only for vehicles with a rearview camera system

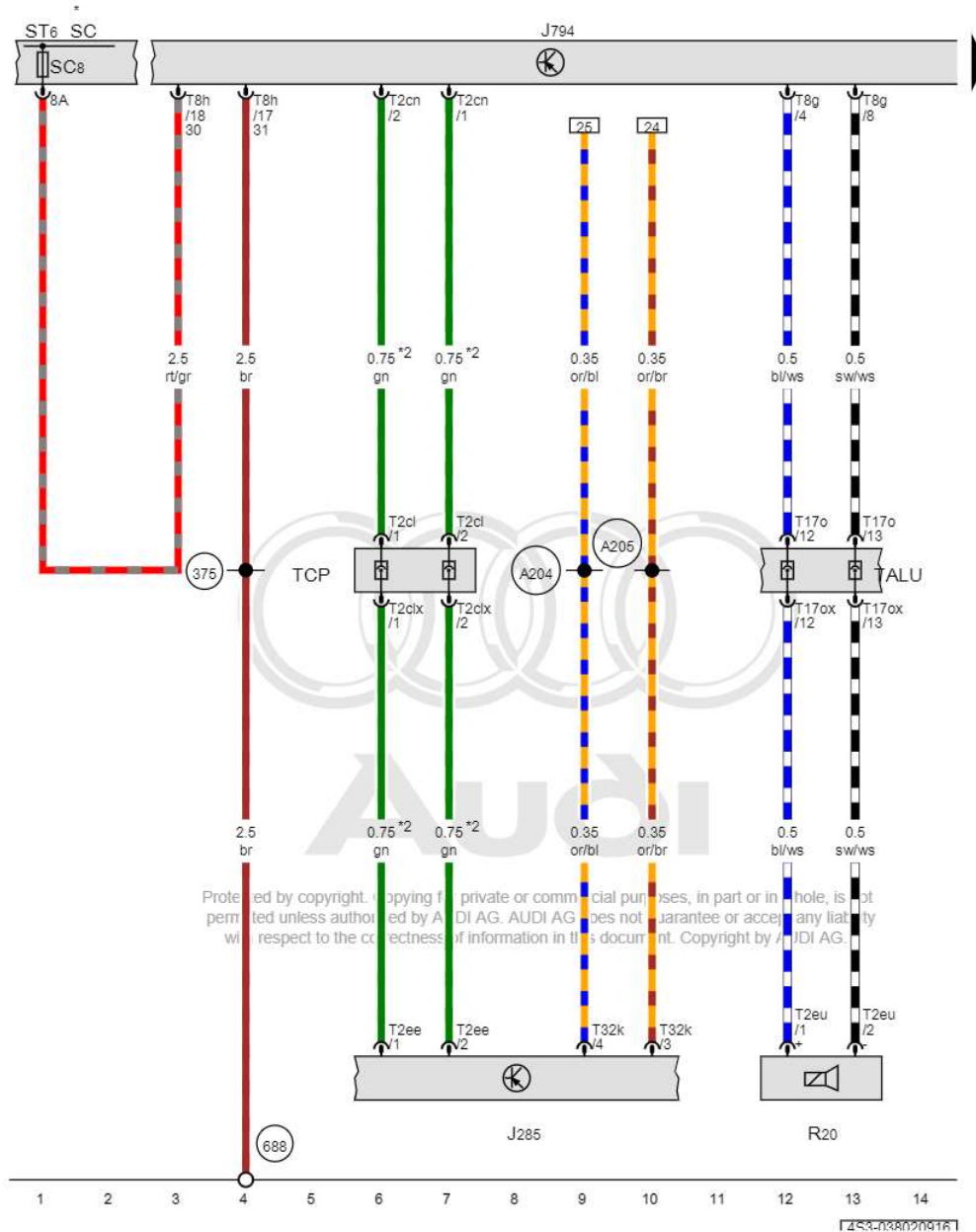
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Sound system , (9VD)  
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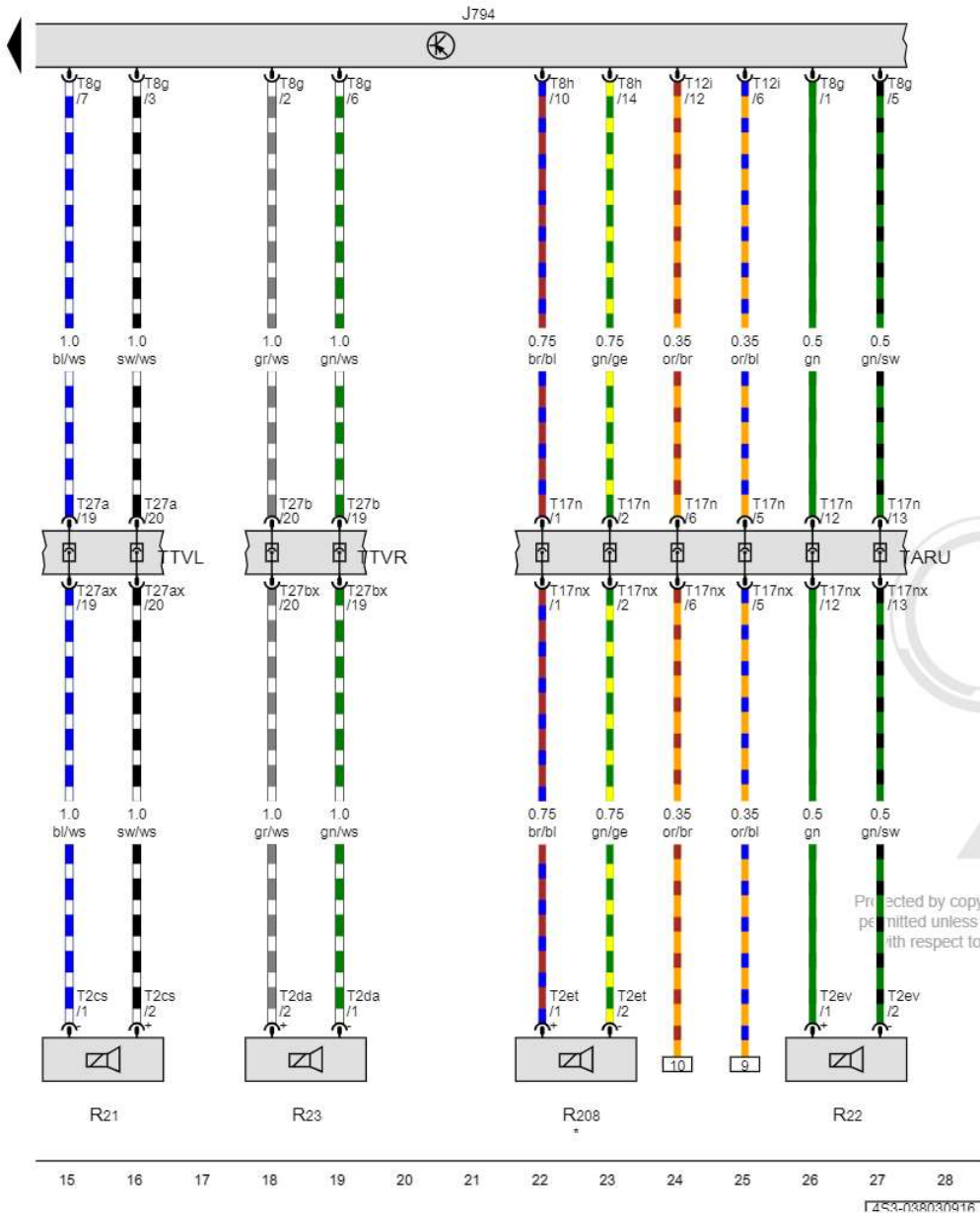
Instrument cluster control module, Information electronics control module 1, Left front treble speaker

- J285 Instrument cluster control module
- J794 Information electronics control module 1
- R20 Left front treble speaker
- SC Fuse panel C
- ST6 Fuse panel 6
- SC8 Fuse 8 (on fuse panel C)
- T2cl 2-pin connector, black
- T2cx 2-pin connector, black
- T2cn 2-pin connector, black
- T2ee 2-pin connector, black
- T2eu 2-pin connector, black
- T8g 8-pin connector, brown
- T8h 8-pin connector, black
- T17o 17-pin connector, black
- T17ox 17-pin connector, black
- T32k 32-pin connector, gray
- TALU Coupling point on left A-pillar, bottom
- TCP Coupling point on instrument panel

- 375 Ground connection 10 (in main wiring harness)
- 688 Ground connection 2 on center tunnel
- A204 Instrument cluster CAN bus high connection (in instrument panel wiring harness)
- A205 Instrument cluster CAN bus low connection (in instrument panel wiring harness)
- \* Refer to applicable wiring diagram for fuse positions
- \*2 Fiber optic cable

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- vi = lilac
- ge = yellow
- or = orange
- rs = pink

Information electronics control module 1, Left front bass speaker, Right front treble speaker, Right front bass speaker, Center speaker



- J794 Information electronics control module 1
- R21 Left front bass speaker
- R22 Right front treble speaker
- R23 Right front bass speaker
- R208 Center speaker
- T2cs 2-pin connector, black
- T2da 2-pin connector, black
- T2et 2-pin connector, black
- T2ev 2-pin connector, black
- T8g 8-pin connector, brown
- T8h 8-pin connector, black
- T12i 12-pin connector, gray
- T17n 17-pin connector, red
- T17nx 17-pin connector, red
- T27a 27-pin connector, black
- T27ax 27-pin connector, black
- T27b 27-pin connector, black
- T27bx 27-pin connector, black
- TARU Coupling point on right A-pillar, bottom
- TTVL Left front door coupling point
- TTVR Right front door coupling point
- \* pre-wired component

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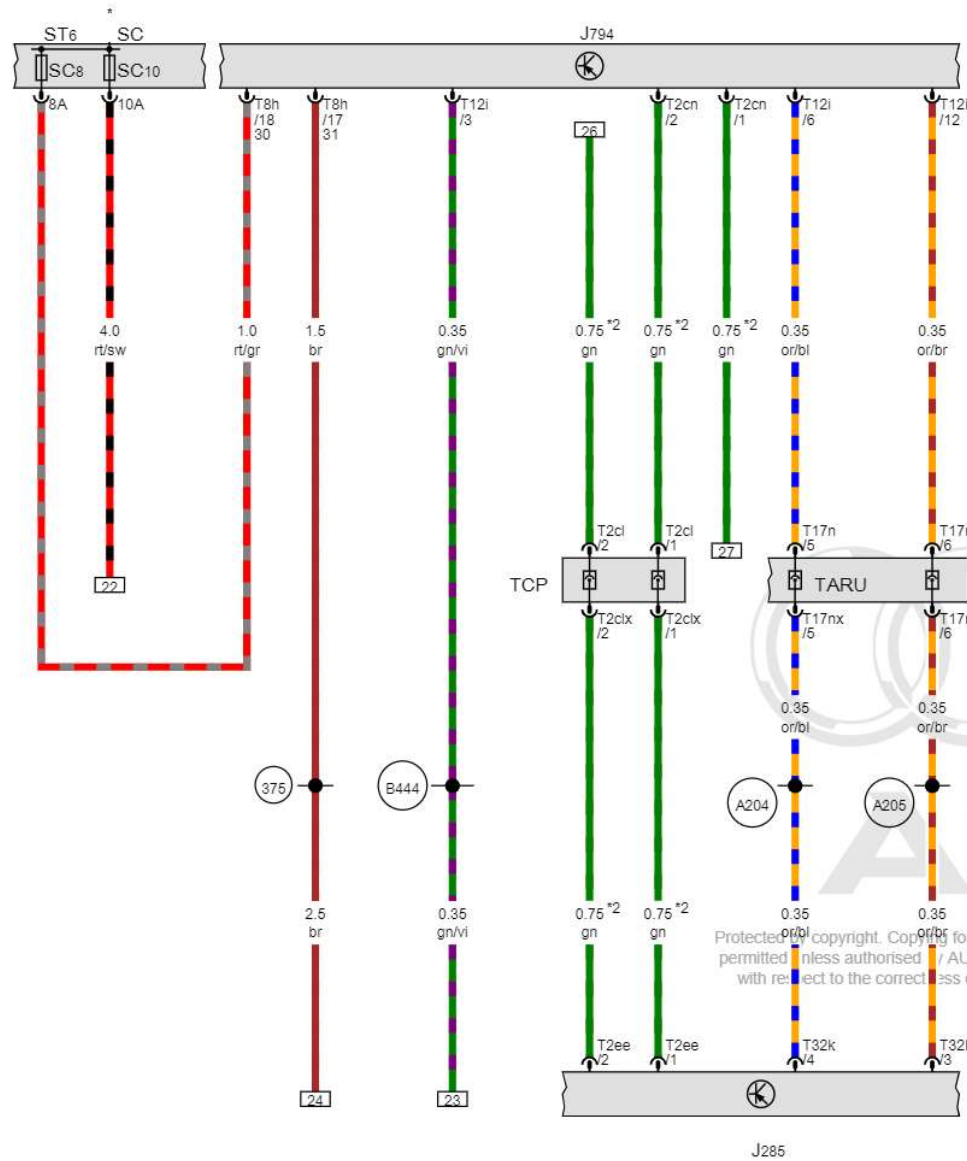
Sound system , (9VS)  
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Instrument cluster control module, Information electronics control module 1

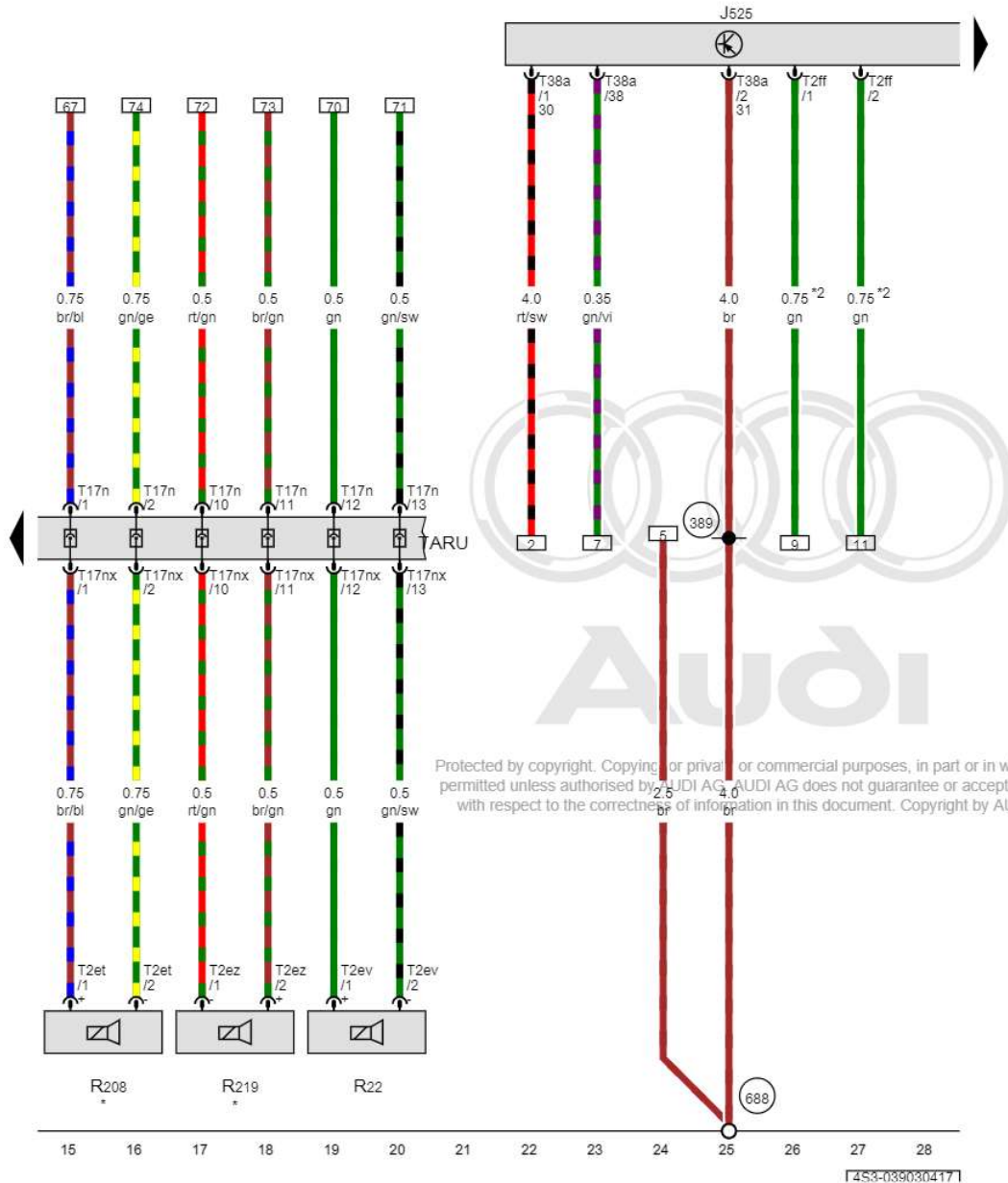


- J285 Instrument cluster control module
- J794 Information electronics control module 1
- SC Fuse panel C
- ST6 Fuse panel 6
- SC8 Fuse 8 (on fuse panel C)
- SC10 Fuse 10 (on fuse panel C)
- T2cl 2-pin connector, black
- T2clx 2-pin connector, black
- T2cn 2-pin connector, black
- T2ee 2-pin connector, black
- T8h 8-pin connector, black
- T12i 12-pin connector, gray
- T17n 17-pin connector, red
- T17nx 17-pin connector, red
- T32k 32-pin connector, gray
- TARU Coupling point on right A-pillar, bottom
- TCP Coupling point on instrument panel
- 375 Ground connection 10 (in main wiring harness)
- A204 Instrument cluster CAN bus high connection (in instrument panel wiring harness)
- A205 Instrument cluster CAN bus low connection (in instrument panel wiring harness)
- B444 OBD connection 1 (in main wiring harness)
- \* Refer to applicable wiring diagram for fuse positions
- \*2 Fiber optic cable

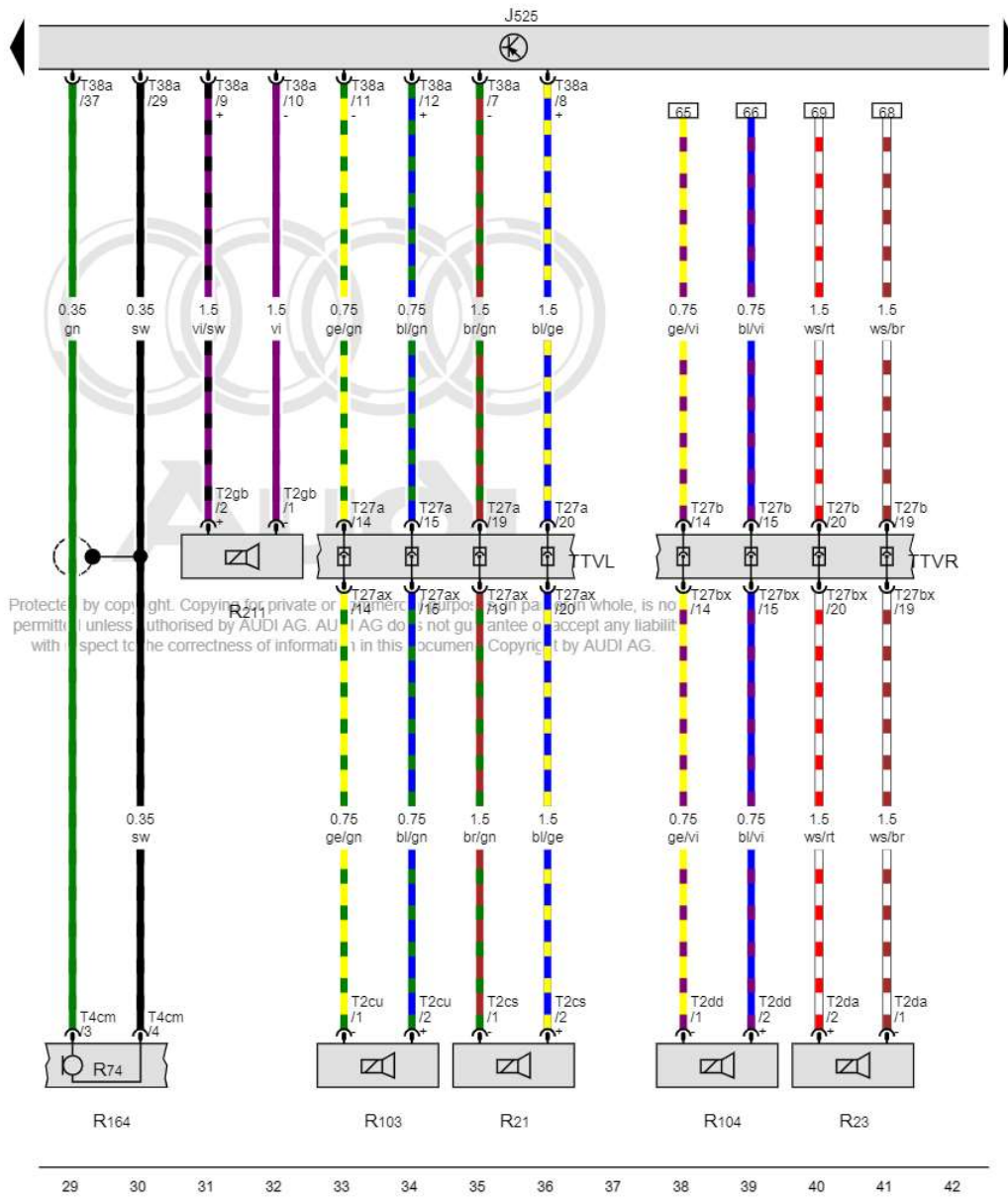
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Digital sound system control module, Right front treble speaker, Center speaker, Center speaker 2



- J525 Digital sound system control module
- R22 Right front treble speaker
- R208 Center speaker
- R219 Center speaker 2
- T2et 2-pin connector, black
- T2ev 2-pin connector, black
- T2ez 2-pin connector, black
- T2ff 2-pin connector, black
- T17n 17-pin connector, red
- T17nx 17-pin connector, red
- T38a 38-pin connector, black
- TARU Coupling point on right A-pillar, bottom
- 389 Ground connection 24 (in main wiring harness)
- 688 Ground connection 2 on center tunnel
- \* pre-wired component
- \*2 Fiber optic cable

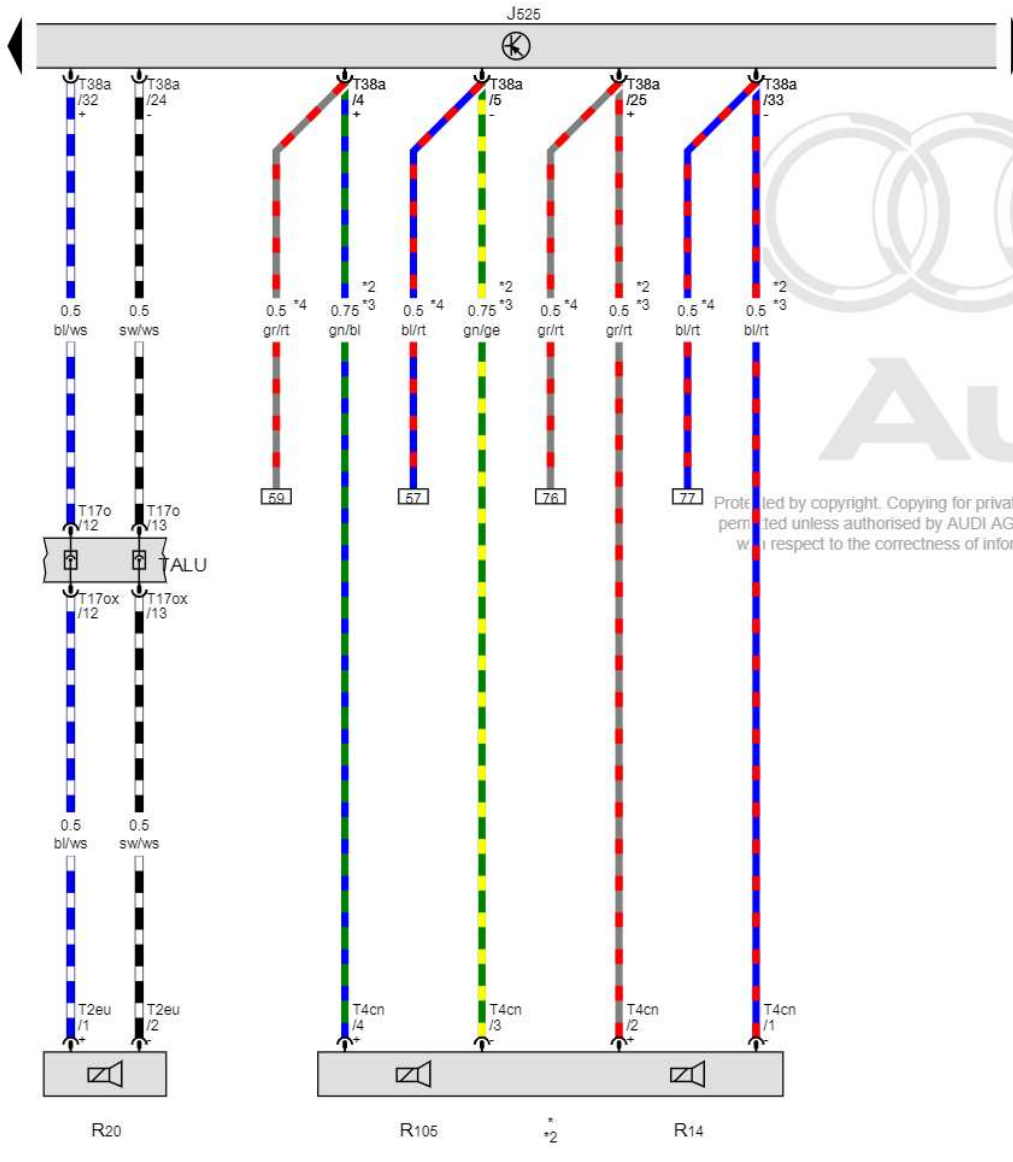


Digital sound system control module, Left front bass speaker, Right front bass speaker, Interior microphone, Left front midrange speaker, Right front midrange speaker, Microphone unit in front roof module, Subwoofer

- J525 Digital sound system control module
- R21 Left front bass speaker
- R23 Right front bass speaker
- R74 Interior microphone
- R103 Left front midrange speaker
- R104 Right front midrange speaker
- R164 Microphone unit in front roof module
- R211 Subwoofer
- T2cs 2-pin connector, black
- T2cu 2-pin connector, black
- T2da 2-pin connector, black
- T2dd 2-pin connector, black
- T2gb 2-pin connector, black
- T4cm 4-pin connector, black
- T27a 27-pin connector, black
- T27ax 27-pin connector, black
- T27b 27-pin connector, black
- T27bx 27-pin connector, black
- T38a 38-pin connector, black
- TTVL Left front door coupling point
- TTVR Right front door coupling point

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- ge = yellow
- or = orange
- rs = pink

[453-039040417]



Digital sound system control module, Left rear treble speaker, Left front treble speaker, Left rear midrange speaker

- J525 Digital sound system control module
- R14 Left rear treble speaker
- R20 Left front treble speaker
- R105 Left rear midrange speaker
- T2eu 2-pin connector, black
- T4cn 4-pin connector, black
- T17o 17-pin connector, black
- T17ox 17-pin connector, black
- T38a 38-pin connector, black
- TALU Coupling point on left A-pillar, bottom pre-wired component
- \* Coupe
- \*3 through May 2016
- \*4 from May 2016

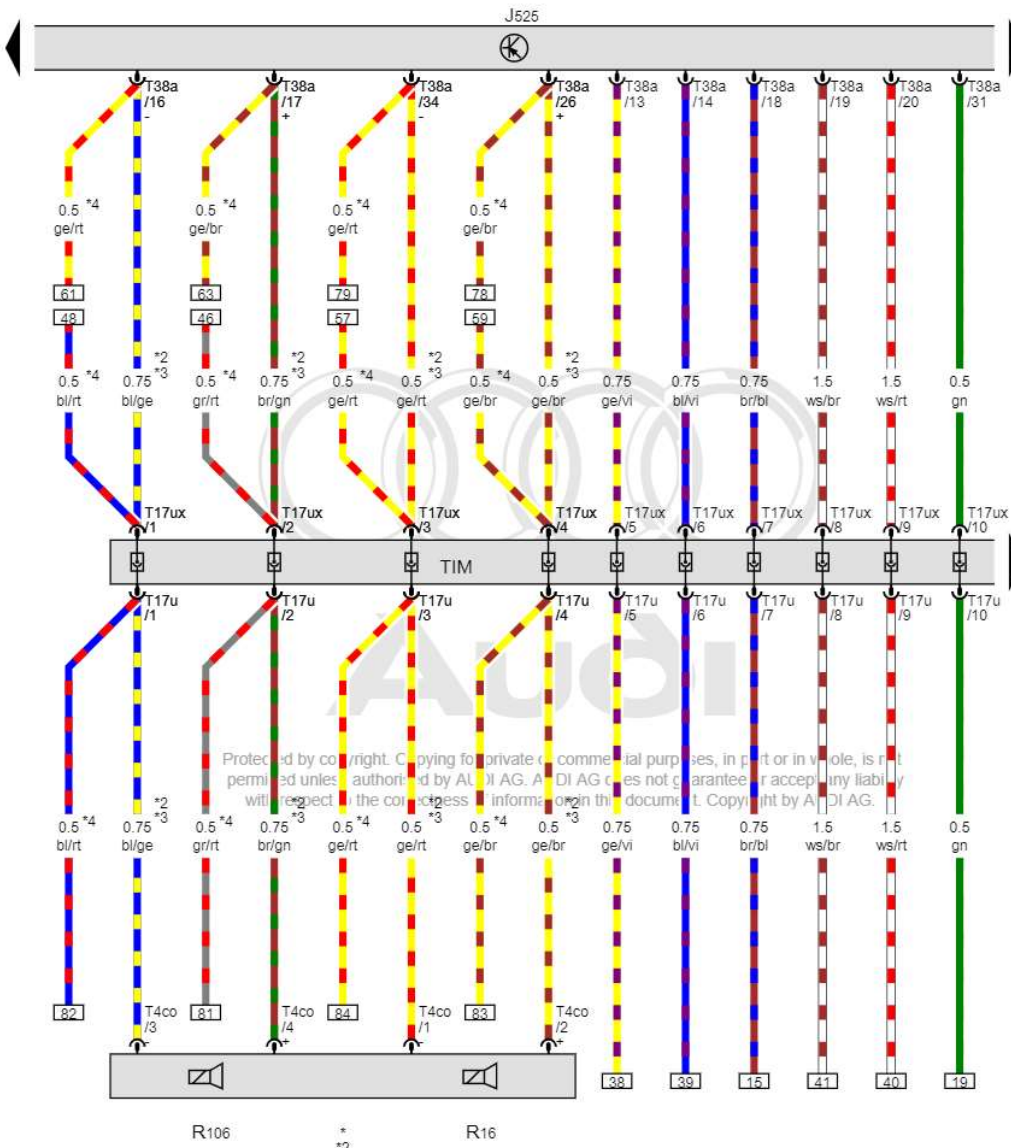
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- rs = pink

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

[453-039050417]

Digital sound system control module, Right rear treble speaker, Right rear midrange speaker

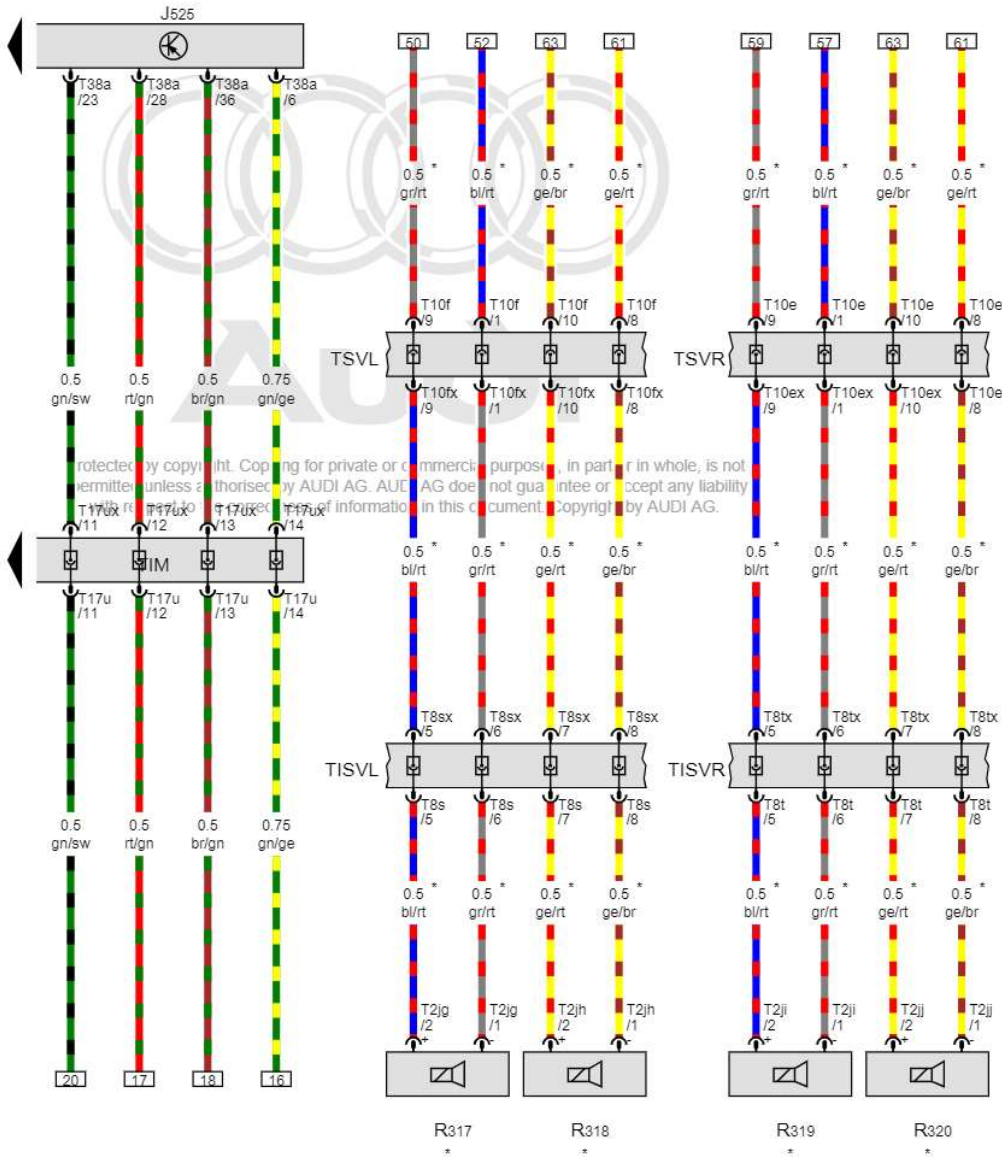


- J525 Digital sound system control module
- R16 Right rear treble speaker
- R106 Right rear midrange speaker
- T4co 4-pin connector, black
- T17u 17-pin connector, blue
- T17ux 17-pin connector, blue
- T38a 38-pin connector, black
- TIM Coupling point in interior, center
- \* pre-wired component
- \*2 Coupe
- \*3 through May 2016
- \*4 from May 2016

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- rs = pink

57 58 59 60 61 62 63 64 65 66 67 68 69 70  
[453-039060417]

Digital sound system control module, Speaker 1 in left front headrest, Speaker 2 in left front headrest, Speaker 1 in right front headrest, Speaker 2 in right front headrest



- J525 Digital sound system control module
- R317 Speaker 1 in left front headrest
- R318 Speaker 2 in left front headrest
- R319 Speaker 1 in right front headrest
- R320 Speaker 2 in right front headrest
- T2jg 2-pin connector, black
- T2jh 2-pin connector, black
- T2ji 2-pin connector, black
- T2jj 2-pin connector, black
- T8s 8-pin connector, black
- T8sx 8-pin connector, black
- T8t 8-pin connector, black
- T8tx 8-pin connector, black
- T10e 10-pin connector, red
- T10ex 10-pin connector, red
- T10f 10-pin connector, red
- T10fx 10-pin connector, red
- T17u 17-pin connector, blue
- T17ux 17-pin connector, blue
- TIM Coupling point in interior, center
- TISVL Coupling station in left front seat
- TISVR Coupling station in right front seat
- TSVL Left front seat coupling station
- TSVR Right front seat coupling station
- \* from May 2016

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- vi = lilac
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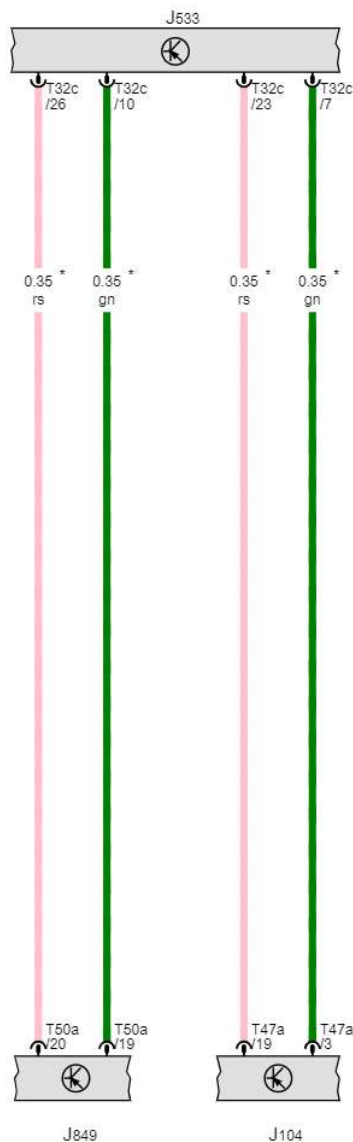
Network data bus (FlexRay bus)  
from September 2015



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Data bus on board diagnostic interface

- J104 ABS control module
- J533 Data bus on board diagnostic interface
- J849 Sensor electronics control module
- T32c 32-pin connector, black
- T47a 47-pin connector, black
- T50a 50-pin connector, yellow
- \* Data bus wire (FlexRay bus)



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

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## 1 Comp. Loc. Grounds

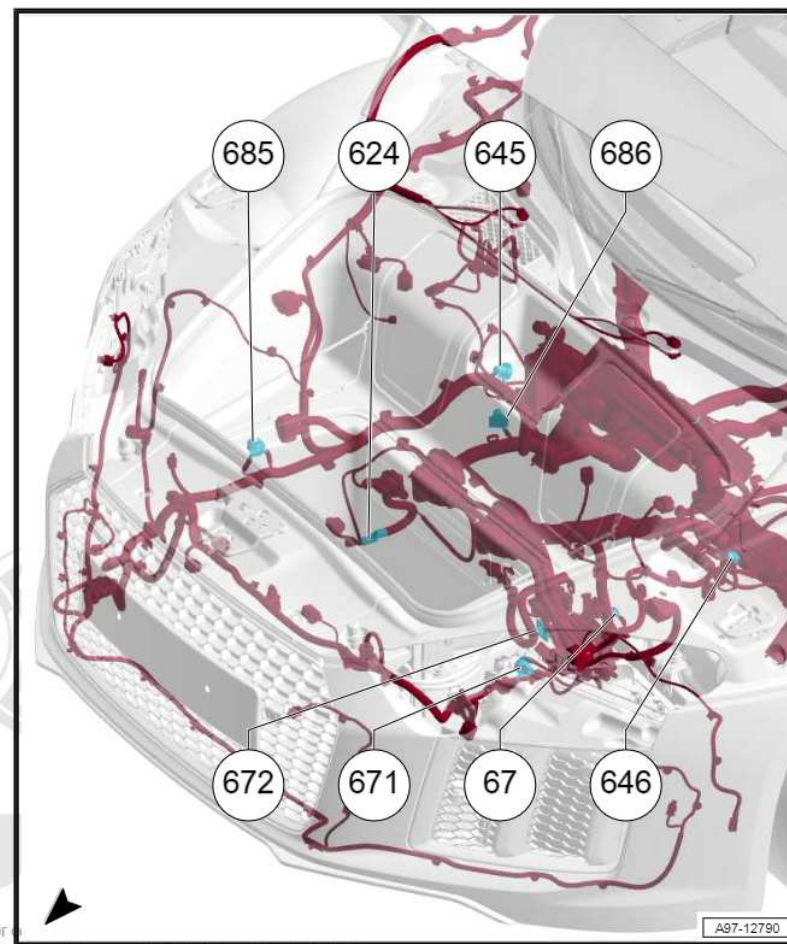
- ◆ ⇒ ["1.1 Vehicle Front Grounds", page 1](#)
- ◆ ⇒ ["1.2 Vehicle Cabin Ground, left", page 3](#)
- ◆ ⇒ ["1.3 Vehicle Cabin Grounds, right", page 4](#)
- ◆ ⇒ ["1.4 Vehicle Rear Grounds", page 5](#)

### 1.1 Vehicle Front Grounds



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- 67 - Ground Connection (on front left cross member)
  - ❑ Torque Setting 9 Nm
- 624 - Ground Connection (near starter battery)
  - ❑ Torque Setting 20 Nm
- 645 - Ground connection 1 on bulkhead
  - ❑ Torque Setting 9 Nm
- 646 - Ground connection 2 on bulkhead
  - ❑ Torque Setting 9 Nm
- 671 - Ground Connection 1 (on left front long member)
  - ❑ Torque Setting 9 Nm
- 672 - Ground Connection 2 (on left front long member)
  - ❑ Torque Setting 20 Nm
- 685 - Ground Connection 1 (on right front long member)
  - ❑ Torque Setting 9 Nm
- 686 - Ground Connection 2 (on right front long member)
  - ❑ Torque Setting 9 Nm



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1.2 Vehicle Cabin Ground, left

 Note

- ◆ The component locations of the ground connections are shown on a Coupé.
- ◆ The component locations of the ground connections are identical for the Spyder.

42 - Ground Connection (beside steering column)

- Torque Setting 9 Nm

638 - Ground Connection (on right A-pillar)

- Torque Setting 9 Nm

639 - Ground Connection (on left A-pillar)

- Torque Setting 9 Nm

664 - Ground Connection (behind instrument panel, left)

- Torque Setting 9 Nm

670 - Ground Connection 2 (on left A-pillar)

- Torque Setting 9 Nm

687 - Ground Connection 1 (on center tunnel)

- Torque Setting 9 Nm

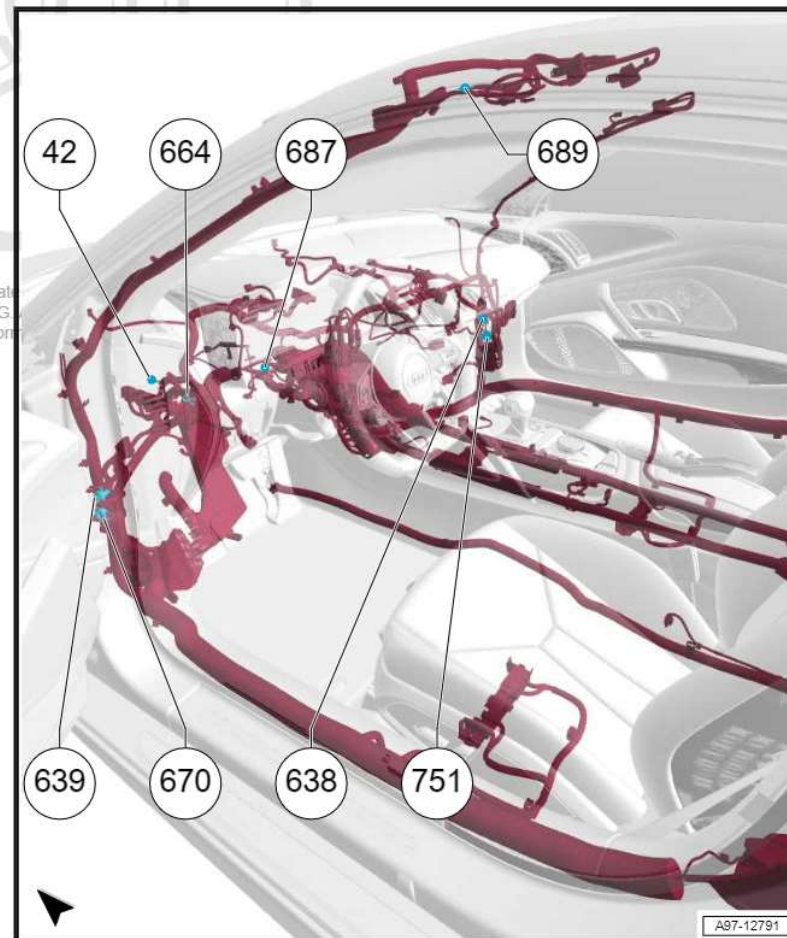
689 - Ground Connection (on center/front roof)

- Torque Setting 9 Nm

751 - Ground Connection 2 (on right A-pillar)

- Torque Setting 9 Nm

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1.3 Vehicle Cabin Grounds, right

 Note

- ◆ *The component locations of the ground connections are shown on a Coupé.*
- ◆ *The component locations of the ground connections are identical for the Spyder.*

35 - Ground connection (below passenger's seat)

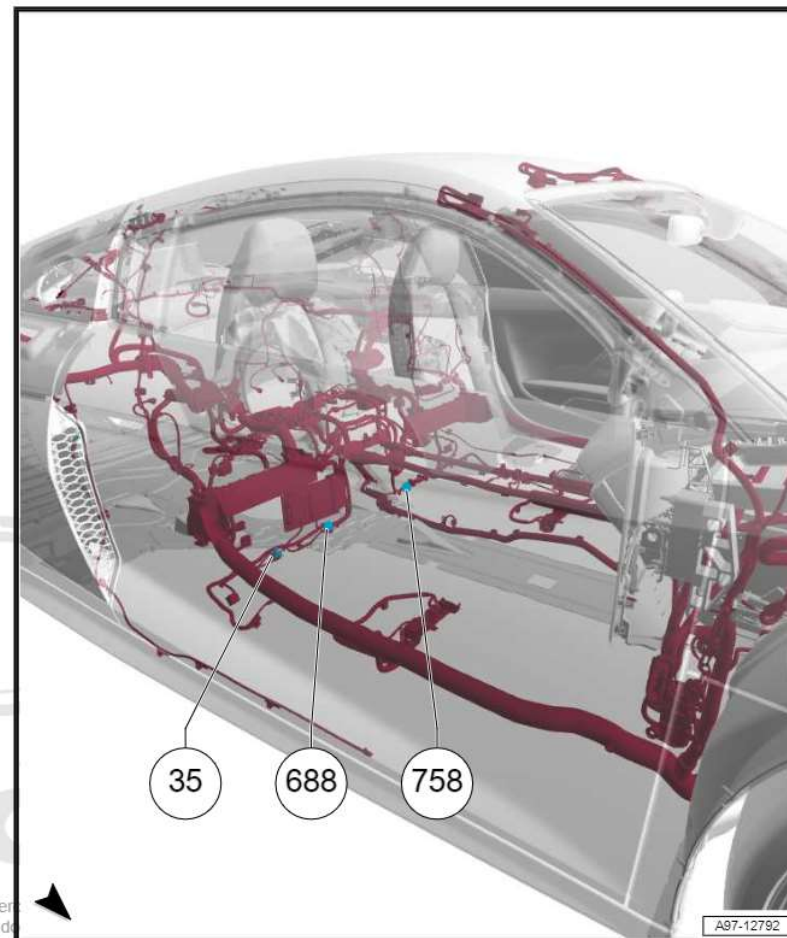
- Torque Setting 9 Nm

688 - Ground Connection 2 (on center tunnel)

- Torque Setting 9 Nm

758 - Ground Connection 3 (on center tunnel)

- Torque Setting 9 Nm



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1.4 Vehicle Rear Grounds

 Note

- ◆ The component locations of the ground connections are shown on a Coupé.
- ◆ The component locations of the ground connections are identical for the Spyder.

12 - Ground Connection (in engine compartment, left)

- Torque Setting 9 Nm

13 - Ground Connection (in engine compartment, right)

- Torque Setting 9 Nm

14 - Ground Connection on transmission

- Torque Setting 20 Nm

16 - Ground Connection 1 (on cylinder head cover)

- Torque Setting 9 Nm

27 - Ground Connection 2 (on cylinder head cover)

- Torque Setting 9 Nm

66 - Ground Connection (on right rear long member)

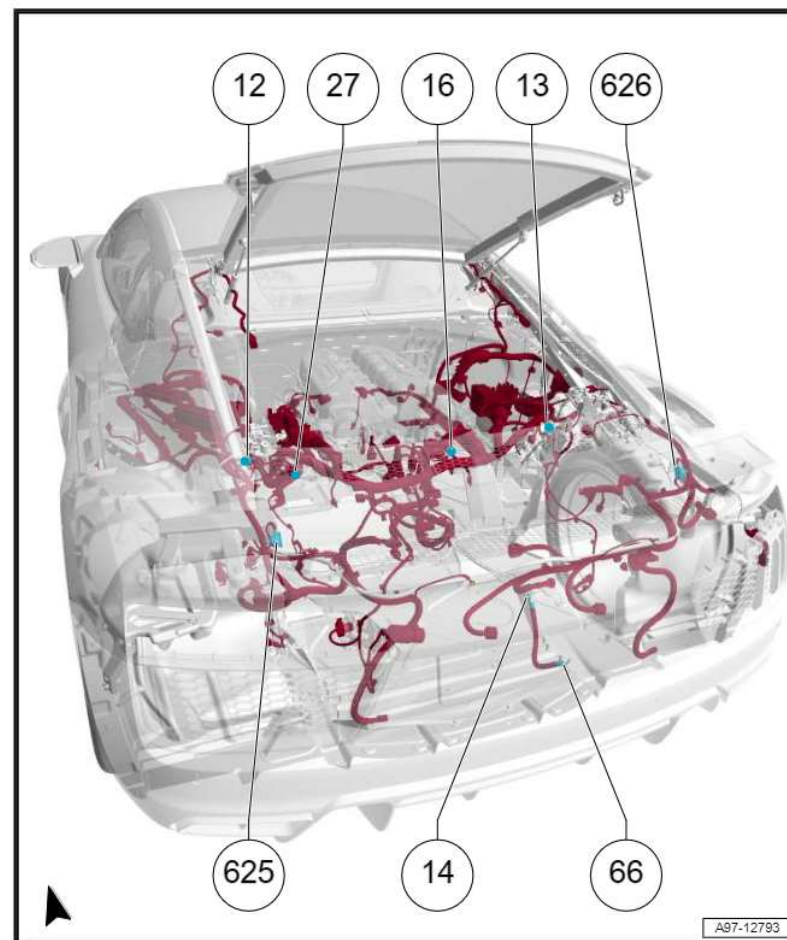
- Torque Setting 20 Nm

625 - Ground Connection (for left tail lamp)

- Torque Setting 9 Nm

626 - Ground Connection (for right tail lamp)

- Torque Setting 9 Nm



1 Comp. Loc. Fuses

1.1 Fuses Overview

1 - => ["1.6 Relay and fuse panel 3 SR3", page 10](#)

❑ Fuse panel C -SC-

2 - => ["1.7 Relay and fuse panel 4 SR4", page 21](#)

❑ Fuse panel D -SD-

3 - => ["1.5 Relay and fuse panel 2 SR2", page 6](#)

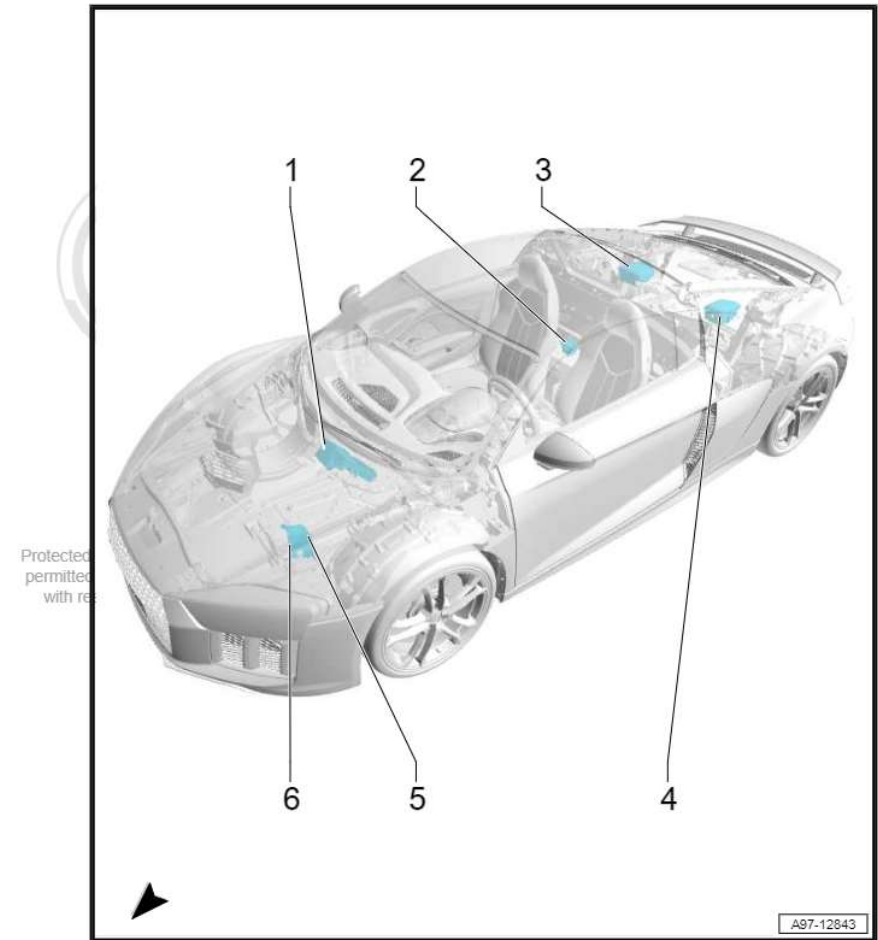
❑ Fuse panel B -SB-

4 - => ["1.4 Relay and fuse panel 1 SR1", page 4](#)

❑ Fuse panel A -SA-

5 - => ["1.2 Main Fuse Carrier", page 2](#)

6 - => ["1.3 Fuses on Main Fuse Carrier", page 3](#)



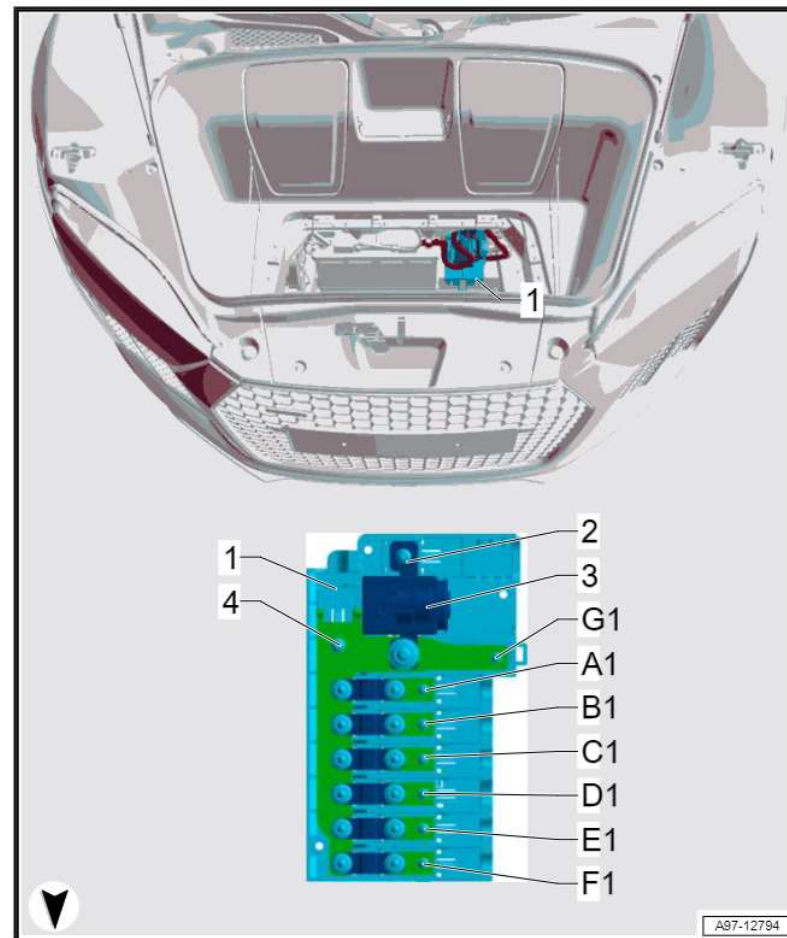
1.2 Main Fuse Carrier

- 1 - Main fuse carrier
- 2 - Terminal 30 connection to starter - B-
- 3 - Battery Interrupt Igniter -N253-
- 4 - Terminal 30 from positive terminal of battery -A-
- A1 - Safety fuse 1 -S131- , 150 A
- B1 - Safety fuse 2 -S132- , 200 A
- C1 - Safety fuse 3 -S133- , 60 A
- D1 - Safety fuse 4 -S134- , 150 A
- E1 - Safety fuse 5 -S138- , 125 A
- F1 - Safety fuse 6 -S139- , 125 A
- G1 - Terminal 30 to battery monitoring control module - J367



Audi

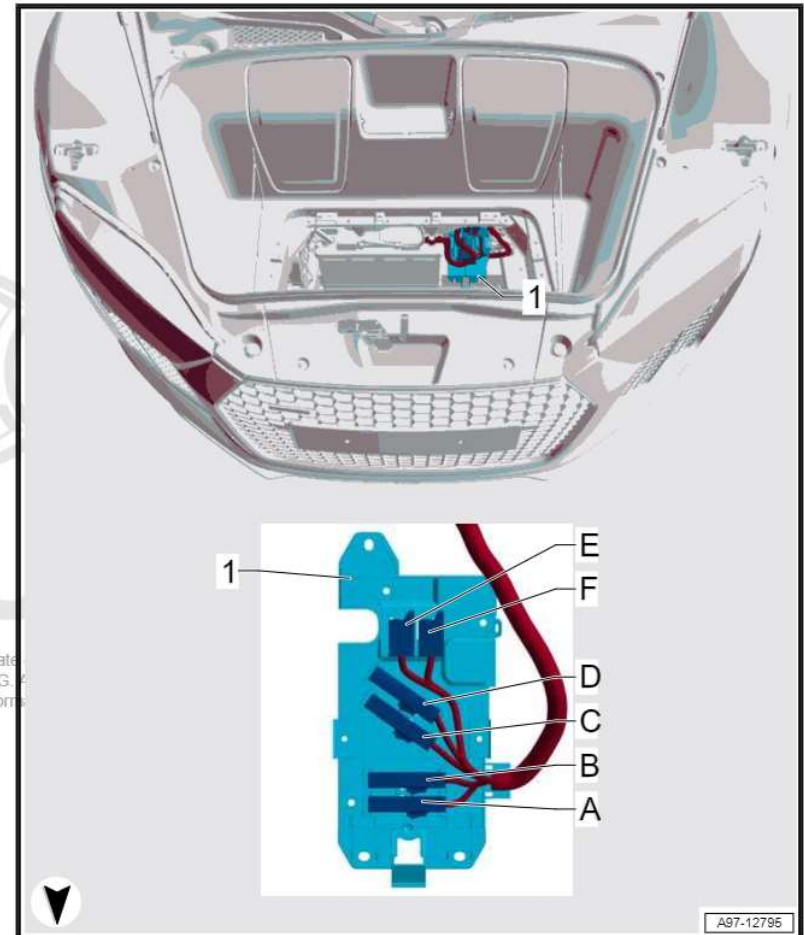
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### 1.3 Fuses on Main Fuse Carrier

- 1 - Fuse panel on cover for main fuse carrier
- A - Coolant Fan Single Fuse -S42- , green, 40 A
- B - Second Speed Coolant Fan Fuse -S104- , red, 40 A
- C - Fuse 2 - terminal 30 -S205- , black, 80 A
- D - Not used
- E - Fuse 1 - terminal 30 -S204- , black, 30 A
- F - Fuse 3 - terminal 30 -S206- , brown, 40 A



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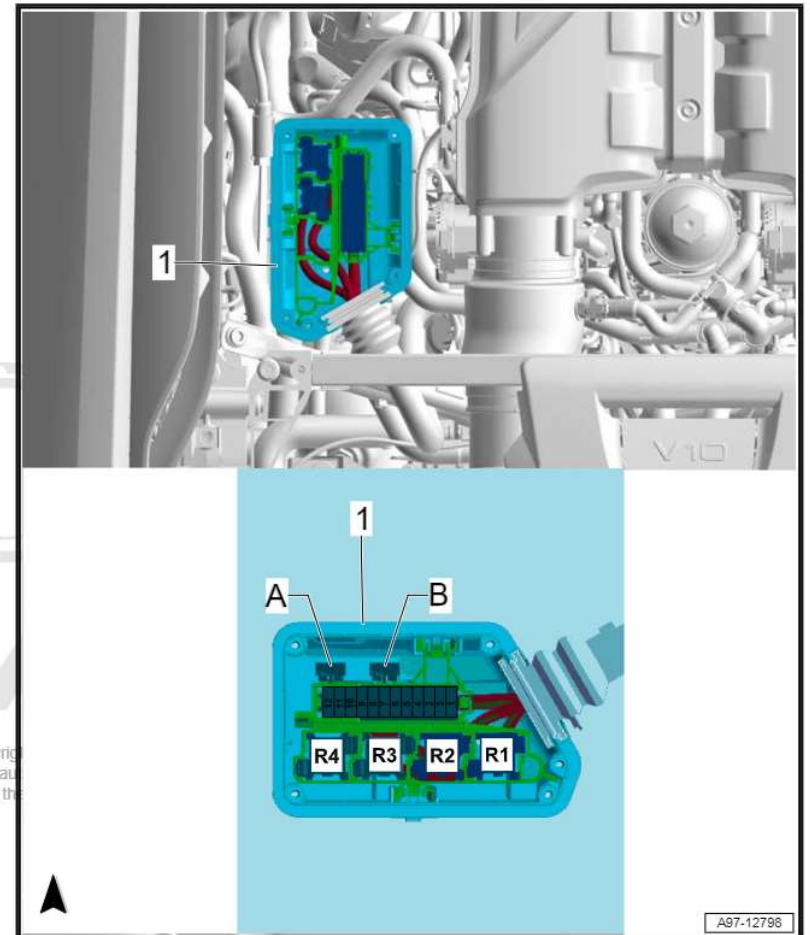
1.4 Relay and fuse panel 1 SR1

1 - Relay and fuse panel 1 -SR1-

1 - => "1.4.1 Fuse panel A SA", page 5

A - Not used

B - Not used

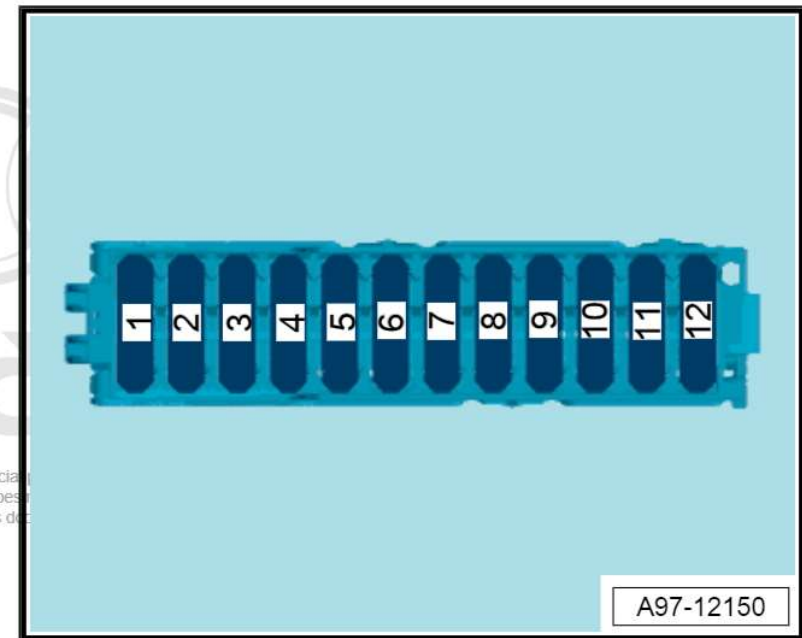


1.4.1 Fuse panel A SA

- Fuse panel A -SA-



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Fuse Colours

- ◆ 40 A - orange
- ◆ 30 A - light-green
- ◆ 25 A - clear
- ◆ 20 A - yellow
- ◆ 15 A - light-blue
- ◆ 10 A - red
- ◆ 7.5 A - brown
- ◆ 5 A - light-brown

No.	Designation in Wiring Diagram	Nominal Value	Function/Component	Terminal
-----	-------------------------------	---------------	--------------------	----------

1	- Not used		-		
2	- Not used		-		
3	- Not used		-		
4	- Not used		-		
5	- Fuse 5 (on fuse panel A) -SA5-	7.5 A	-	Intake Air Temperature (IAT) Sensor -G42- / Mass Air Flow (MAF) Sensor -G70- Mass Air Flow (MAF) Sensor 2 -G246- / Intake Air Temperature (IAT) Sensor 2 -G299- Secondary Air Injection (AIR) Solenoid Valve -N112- Air Filter Bypass Flap Valve -N275- Exhaust Flap Valve 1 -N321- After-Run Coolant Pump -V51-	87
6	- Fuse 6 (on fuse panel A) -SA6-	10 A	-	Camshaft Adjustment Valve 1 -N205- Camshaft Adjustment Valve 2 -N208- Camshaft Adjustment Valve 1 (exhaust) -N318- Camshaft Adjustment Valve 2 (exhaust) -N319-	87
7	- Fuse 7 (on fuse panel A) -SA7-	15 A	-	Oxygen Sensor (O2S) Heater -Z19- Oxygen Sensor (O2S) Heater 2 -Z28-	87
8	- Fuse 8 (on fuse panel A) -SA8-	7.5 A	-	Secondary Air Injection (AIR) Pump Relay -J299- Secondary Air Injection (AIR) Pump Relay 2 -J545- Evaporative Emission (EVAP) Canister Purge Regulator Valve 1 -N80- Evaporative Emission (EVAP) Canister Purge Regulator Valve 2 -N115- Left Electrohydraulic Engine Mounting Regulator Valve -N144- Right Electrohydraulic Engine Mounting Regulator Valve -N145-	87
9	- Fuse 9 (on fuse panel A) -SA9-	20 A	-	Engine Control Module (ECM) -J623- Engine Control Module (ECM) 2 -J624-	87
10	- Fuse 10 (on fuse panel A) -SA10-	15 A	-	Oxygen Sensor (O2S) Heater 1 (behind Three Way Catalytic Converter (TWC) -Z29- Oxygen Sensor (O2S) Heater 2 (behind Three Way Catalytic Converter (TWC) -Z30-	87
11	- Fuse 11 (on fuse panel A) -SA11-	5 A	-	Oil Level Thermal Sensor -G266-	87
12	- Fuse 12 (on fuse panel A) -SA12-	5 A	-	Coolant fan control module -J293- Coolant Fan Control (FC) Control Module 2 -J671-	87

**1.5 Relay and fuse panel 2 SR2**

1 - Relay and fuse panel 2 -SR2-

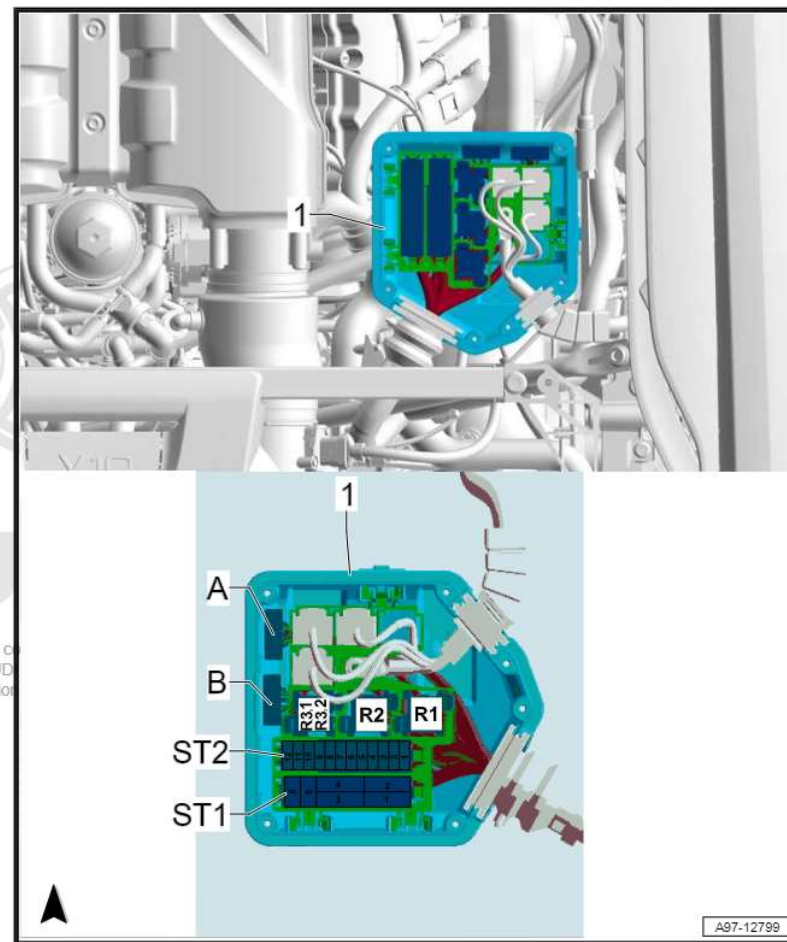
1 - Fuse Panel B -SB-

ST1 - => "1.5.1 Fuse Panel B SB W/ Fuse carrier 1 ST1, black", page 8

ST2 - => "1.5.2 Fuse Panel B SB W/ Fuse carrier 2 ST2, black", page 9

A - Not used

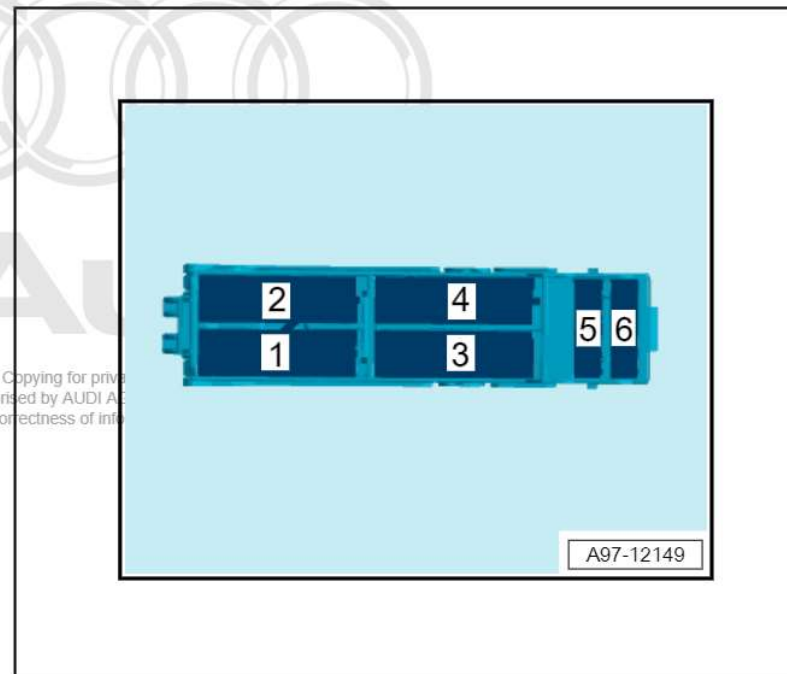
B - Engine Electronics Fuse -S282- , 40 A



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1.5.1 Fuse Panel B SB W/ Fuse carrier 1 ST1, black

ST1 - Fuse panel B -SB- W/ Fuse carrier 1 -ST1-



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Fuse Colours

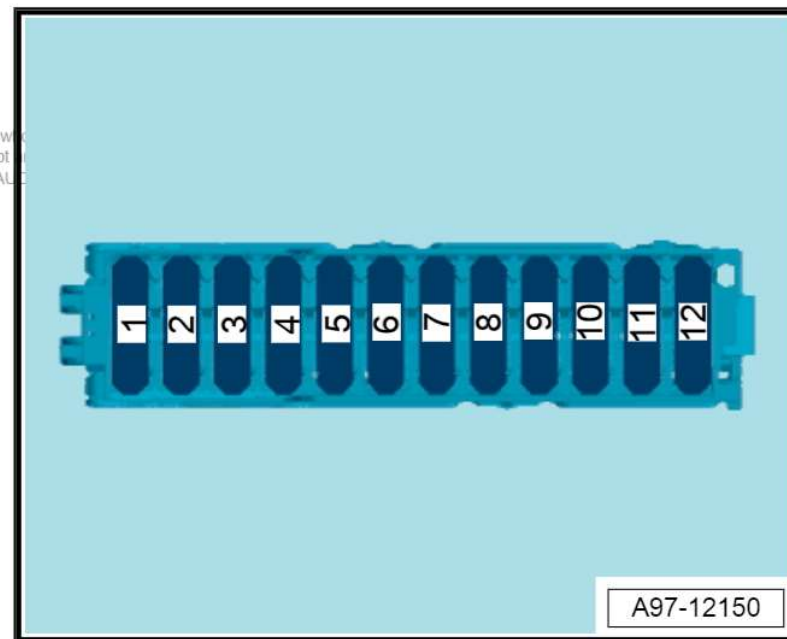
- ◆ 40 A - orange
- ◆ 30 A - light-green
- ◆ 25 A - clear
- ◆ 20 A - yellow
- ◆ 15 A - light-blue
- ◆ 10 A - red
- ◆ 7.5 A - brown
- ◆ 5 A - light-brown

No.	Designation in Wiring Diagram	Nominal Value	Function/Component	Terminal
1	- Fuse 1 (on fuse panel B) -SB1-	50 A	- Secondary Air Injection (AIR) Pump Relay -J299-	30
2	- Fuse 2 (on fuse panel B) -SB2-	50 A	- Secondary Air Injection (AIR) Pump Relay 2 -J545-	30
3	- Not used		-	
4	- Not used		-	
5	- Fuse 5 (on fuse panel B) -SB5-	5 A	- Engine Control Module (ECM) -J623-	50
6	- Not used		-	

1.5.2 Fuse Panel B SB W/ Fuse carrier 2 ST2, black

ST2 - Fuse Panel B -SB- W/ Fuse carrier 2 -ST2-

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No.	Designation in Wiring Diagram	Nominal Value	Function/Component	Terminal
1	- Fuse 1 (on fuse panel B) -SB1-	5 A	- Direct Shift Gearbox (DSG) Mechatronic -J743-	15
2	- Fuse 2 (on fuse panel B) -SB2-	5 A	- Transmission Control Module 2 (TCM) -J1006-	15

3	- Fuse 3 (on fuse panel B) -SB3-	5 A	- Engine Control Module (ECM) -J623- Engine Control Module (ECM) 2 -J624-	15
4	- Not used		-	
5	- Fuse 5 (on fuse panel B) -SB5-	15 A	- Direct Shift Gearbox (DSG) Mechatronic -J743-	30
6	- Not used		-	
7	- Fuse 7 (on fuse panel B) -SB7-	5 A	- Engine Control Module (ECM) -J623- Engine Control Module (ECM) 2 -J624-	30
8	- Not used		-	
9	- Fuse 9 (on fuse panel B) -SB9-	10 A	- Fuel Metering Valve -N290- Fuel Metering Valve 2 -N402-	87
10	- Fuse 10 (on fuse panel B) -SB10-	7.5 A	- Cylinder 6 fuel injector 2 -N537- Cylinder 7 fuel injector 2 -N538- Cylinder 8 fuel injector 2 -N539- Cylinder 9 fuel injector 2 -N555- Cylinder 10 fuel injector 2 -N557-	87
11	- Fuse 11 (on fuse panel B) -SB11-	7.5 A	- Cylinder 1 fuel injector 2 -N532- Cylinder 2 fuel injector 2 -N533- Cylinder 3 fuel injector 2 -N534- Cylinder 4 fuel injector 2 -N536- Cylinder 5 fuel injector 2 -N536-	87
12	- Fuse 12 (on fuse panel B) -SB12-	30 A	- Ignition Coil 1 with Power Output Stage -N70- Ignition Coil 2 with Power Output Stage -N27- Ignition Coil 3 with Power Output Stage -N291- Ignition Coil 4 with Power Output Stage -N292- Ignition Coil 5 with Power Output Stage -N323- Ignition Coil 6 with Power Output Stage -N324- Ignition Coil 7 with Power Output Stage -N325- Ignition Coil 8 with Power Output Stage -N326- Ignition Coil 9 with Power Output Stage -N327- Ignition Coil 10 with Power Output Stage -N328-	87

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### 1.6 Relay and fuse panel 3 SR3

1 - Relay and fuse panel 3 -SR3-

1 - Fuse Panel C -SC-

ST1 - => ["1.6.1 Fuse Panel C SC W/ Fuse carrier 1 ST1, black", page 12](#)

ST2 - => ["1.6.2 Fuse Panel C SC W/ Fuse carrier 2 ST2, black", page 13](#)

ST3 - => ["1.6.3 Fuse Panel C SC W/ Fuse carrier 3 ST3, black", page 15](#)

ST4 - => ["1.6.4 Fuse Panel C SC W/ Fuse carrier 4 ST4, red", page 16](#)

ST5 - => ["1.6.5 Fuse Panel C SC W/ Fuse carrier 5 ST5, brown", page 18](#)

ST6 - => ["1.6.6 Fuse Panel C SC W/ Fuse carrier 6 ST6, black", page 19](#)

A - Not used

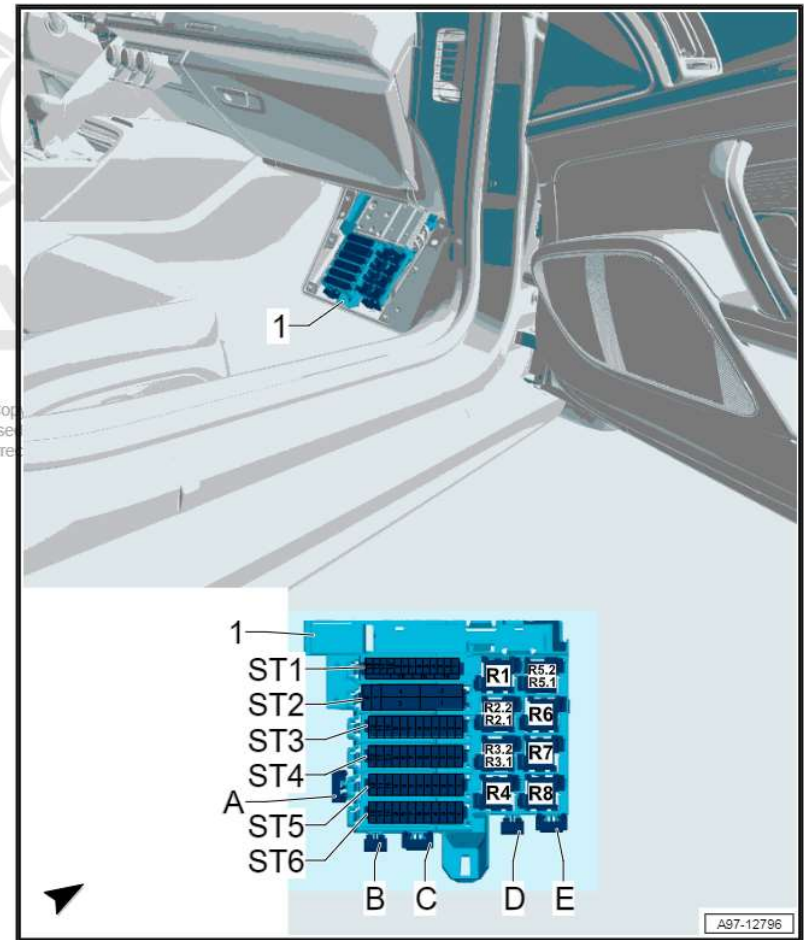
B - Not used

C - Driver's Power Seat Adjustment Circuit Breaker 1 -S44- , 15 A

D - Not used

E - Front Passenger's Power Seat Adjustment Circuit Breaker 1 -S46- , 15 A

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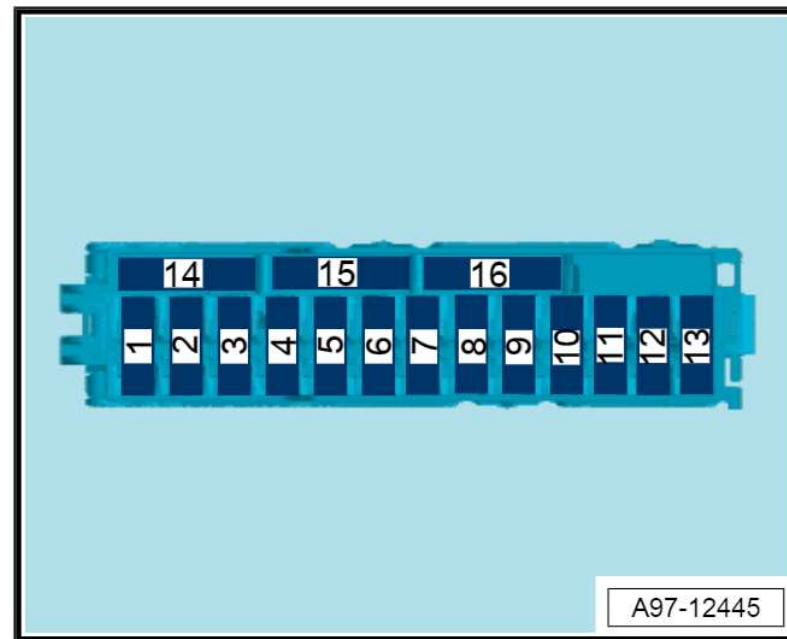


1.6.1 Fuse Panel C SC W/ Fuse carrier 1 ST1, black

ST1 - Fuse Panel C -SC- W/ Fuse carrier 1 -ST1-



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Fuse Colours

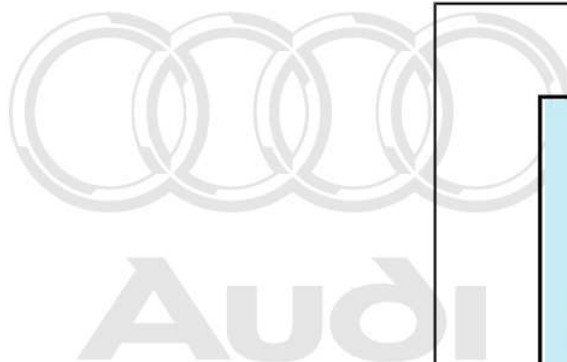
- ◆ 40 A - orange
- ◆ 30 A - light-green
- ◆ 25 A - clear
- ◆ 20 A - yellow
- ◆ 15 A - light-blue
- ◆ 10 A - red
- ◆ 7.5 A - brown
- ◆ 5 A - light-brown

No.	Designation in Wiring Diagram	Nominal Value	Function/Component	Terminal
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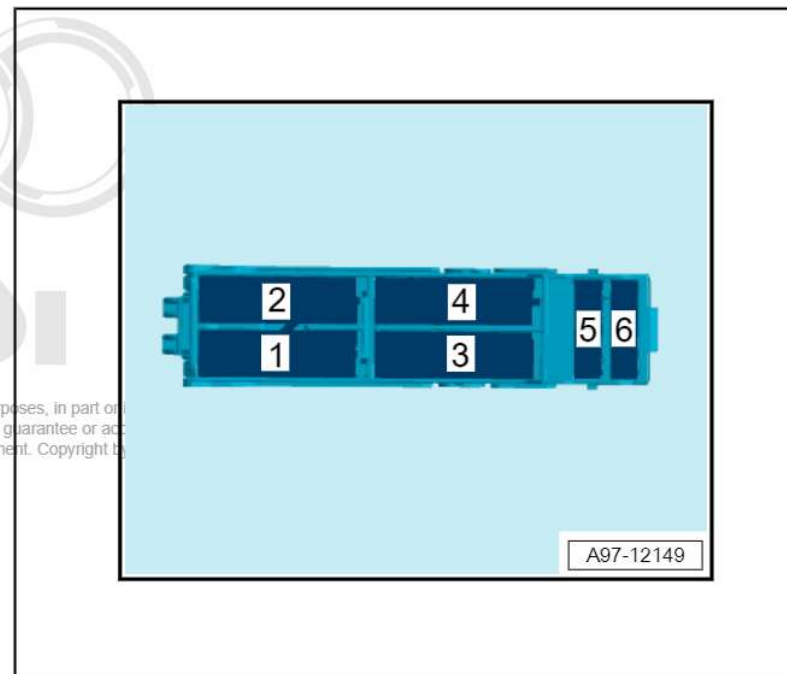
1	- Fuse 1 (on fuse panel C) -SC1-	5 A	- Steering Column Electronic Systems Control Module -J527-	15
2	- Fuse 2 (on fuse panel C) -SC2-	5 A	- ASR/ESP Button -E256- All-Wheel Drive Control Module -J492- Power Steering Control Module -J500- Front Passenger Airbag Disabled Indicator Lamp -K145-	15
3	- Fuse 3 (on fuse panel C) -SC3-	5 A	- Sensor Electronics Control Module -J849-	15
4	- Fuse 4 (on fuse panel C) -SC4-	5 A	- Active Steering Control Module -J792-	15
5	- Fuse 5 (on fuse panel C) -SC5-	10 A	- Garage door opener control head -E284- Garage Door Opener Control Module -J530-	15
6	- Fuse 6 (on fuse panel C) -SC6-	5 A	- Headlamp range control module -J431- Vehicle Electrical System Control Module -J519- Diagnostic connection -U31-	15
7	- Fuse 7 (on fuse panel C) -SC7-	5 A	- Data Bus On Board Diagnostic Interface -J533-	15
8	- Fuse 8 (on fuse panel C) -SC8-	5 A	- ABS Control Module -J104-	15
9	- Fuse 9 (on fuse panel C) -SC9-	5 A	- Airbag Control Module -J234- Seat Occupied Recognition Control Module -J706-	15
10	- Fuse 10 (on fuse panel C) -SC10-	5 A	- Air Quality Sensor -G238- / Humidity Sensor in Fresh Air Intake Duct -G657- High Pressure Sensor -G65-	15
11	- Fuse 11 (on fuse panel C) -SC11-	15 A	- Front Left Headlamp -MX1-	15
12	- Not used		-	
13	- Fuse 13 (on fuse panel C) -SC13-	15 A	- Front Right Headlamp -MX2-	15
14	- Fuse 14 (on fuse panel C) -SC14-	5 A	- Automatic Day/Night Interior Mirror -Y7-	15
15	- Fuse 15 (on fuse panel C) -SC15-	40 A	- Starter Relay 1 -J906- Starter Relay 2 -J907-	15
16	- Fuse 16 (on fuse panel C) -SC16-	30 A	- Fuse Carrier 2 -ST2- in fuse panel B -SB- Fuse Carrier 2 -ST2- in Fuse Panel D -SD-	15

**1.6.2 Fuse Panel C SC W/ Fuse carrier 2 ST2, black**

ST2 - Fuse Panel C -SC- W/ Fuse carrier 2 -ST2-



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Fuse Colours

- ◆ 40 A - orange
- ◆ 30 A - light-green
- ◆ 25 A - clear
- ◆ 20 A - yellow
- ◆ 15 A - light-blue
- ◆ 10 A - red
- ◆ 7.5 A - brown
- ◆ 5 A - light-brown

No.	Designation in Wiring Diagram	Nominal Value	Function/Component	Terminal
1	- Not used		-	

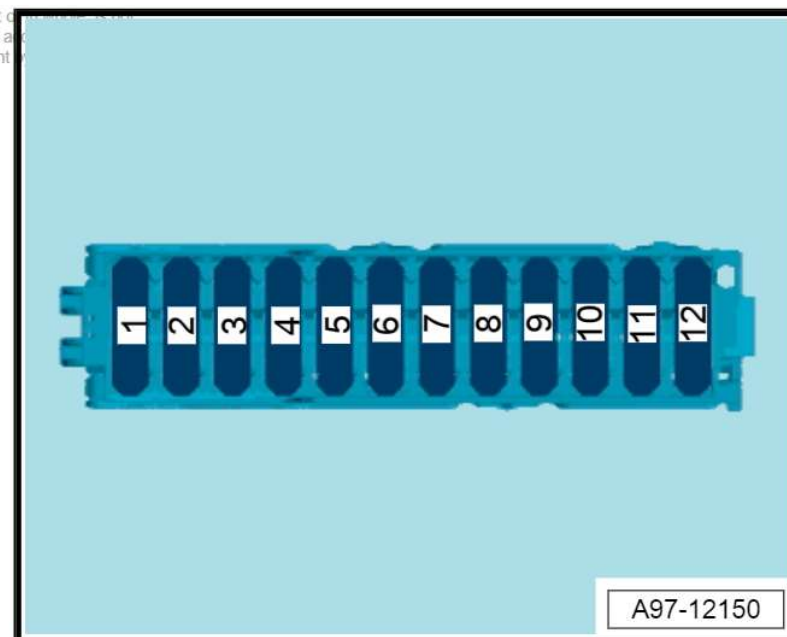
2	- Not used		-		
3	- Fuse 3 (on fuse panel C) -SC3-	40 A	-	Fresh Air Blower Control Module -J126-	30
4	- Fuse 4 (on fuse panel C) -SC4-	40 A	-	Vehicle Electrical System Control Module -J519-	30
5	- Not used		-		
6	- Fuse 6 (on fuse panel C) -SC6-	5A <sup>1</sup>	-	Rearview camera system control module -J772-	15

<sup>1)</sup> from November 2016

### 1.6.3 Fuse Panel C SC W/ Fuse carrier 3 ST3, black

ST3 - Fuse Panel C -SC- W/ Fuse panel 3 -ST3-

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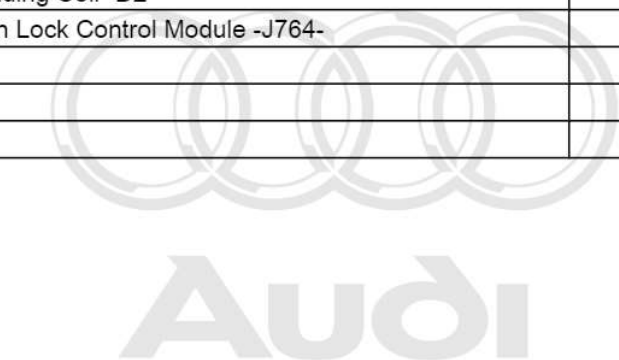
#### Fuse Colours

- ◆ 40 A - orange
- ◆ 30 A - light-green
- ◆ 25 A - clear

- ◆ 20 A - yellow
- ◆ 15 A - light-blue
- ◆ 10 A - red
- ◆ 7.5 A - brown
- ◆ 5 A - light-brown

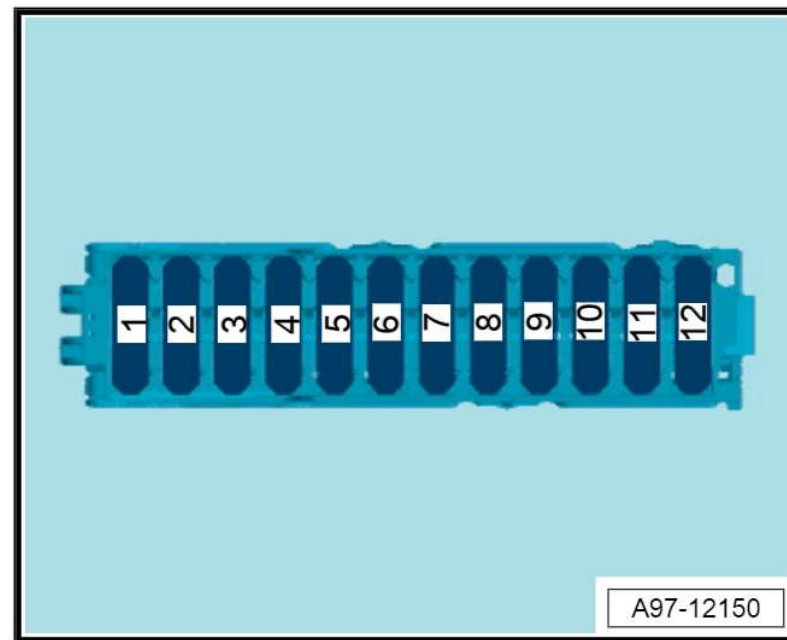
No.	Designation in Wiring Diagram	Nominal Value	Function/Component	Terminal
1	- Fuse 1 (on fuse panel C) -SC1-	10 A	- Diagnostic connection -U31-	30
2	- Fuse 2 (on fuse panel C) -SC2-	5 A	- Electro-mechanical Parking Brake Indicator Lamp -K213- in Electro-Mechanical Parking Brake Button -E538-	30
3	- Fuse 3 (on fuse panel C) -SC3-	5 A	- Data Bus On Board Diagnostic Interface -J533-	30
4	- Fuse 4 (on fuse panel C) -SC4-	15 A	- Brake Booster Relay -J569- / Brake System Vacuum Pump -V192-	30
5	- Not used		-	
6	- Fuse 6 (on fuse panel C) -SC6-	20 A	- Sockets Relay -J807-	30
7	- Fuse 7 (on fuse panel C) -SC7-	5 A	- Instrument Cluster Control Module -J285-	30
8	- Fuse 8 (on fuse panel C) -SC8-	5 A	- Anti-Theft Immobilizer Reading Coil -D2-	30
9	- Fuse 9 (on fuse panel C) -SC9-	5 A	- Electronic Steering Column Lock Control Module -J764-	30
10	- Not used		-	
11	- Not used		-	
12	- Not used		-	

#### 1.6.4 Fuse Panel C SC W/ Fuse carrier 4 ST4, red



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ST4 - Fuse Panel C -SC- W/ Fuse panel 4 -ST4-



Fuse Colours

- ◆ 40 A - orange
- ◆ 30 A - light-green
- ◆ 25 A - clear
- ◆ 20 A - yellow
- ◆ 15 A - light-blue
- ◆ 10 A - red
- ◆ 7.5 A - brown
- ◆ 5 A - light-brown



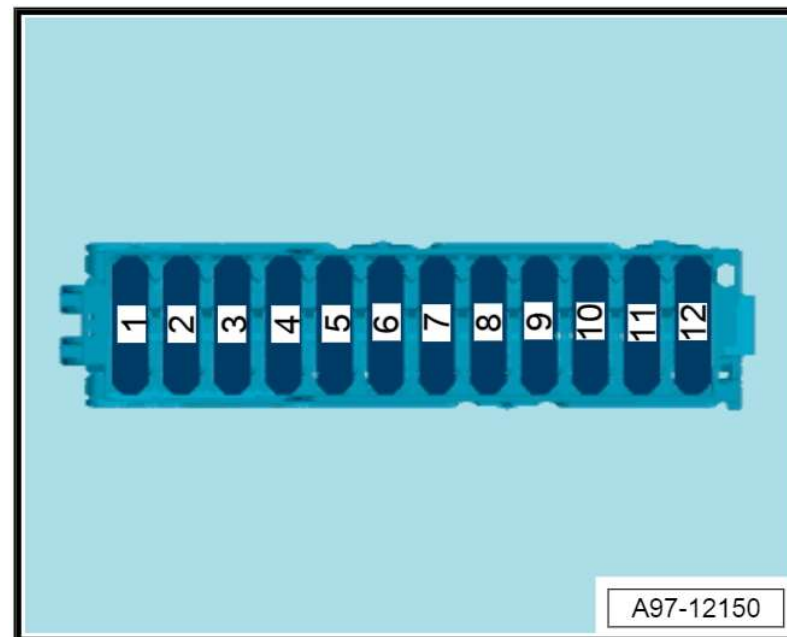
No.	Designation in Wiring Diagram	Nominal Value	Function/Component	Terminal
1	- Not used		-	
2	- Not used		-	

3	- Fuse 3 (on fuse panel C) -SC3-	5 A	- Sensor Electronics Control Module -J849-	30
4	- Fuse 4 (on fuse panel C) -SC4-	5 A	- Terminal 15 power supply relay -J329-	30
5	- Fuse 5 (on fuse panel C) -SC5-	10 A	- Selector Lever -E313-	30
6	- Not used	-	-	
7	- Fuse 7 (on fuse panel C) -SC7-	5 A	- Roof Electronics Control Module -J528-	30
8	- Fuse 8 (on fuse panel C) -SC8-	30 A	- Wiper Motor Control Module -J400-	30
9	- Fuse 9 (on fuse panel C) -SC9-	30 A	- Front Passenger Windshield Wiper Motor Control Module -J584-	30
10	- Fuse 10 (on fuse panel C) -SC10-	15 A	- Horn Relay -J413-	30
11	- Fuse 11 (on fuse panel C) -SC11-	5 A	- Steering Column Electronic Systems Control Module -J527-	30
12	- Fuse 12 (on fuse panel C) -SC12-	5 A	- Light Switch -E1-	30

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### 1.6.5 Fuse Panel C SC W/ Fuse carrier 5 ST5, brown

ST5 - Fuse Panel C -SC- W/ Fuse panel 5 -ST5-



**Fuse Colours**

- ◆ 40 A - orange
- ◆ 30 A - light-green
- ◆ 25 A - clear
- ◆ 20 A - yellow
- ◆ 15 A - light-blue
- ◆ 10 A - red
- ◆ 7.5 A - brown
- ◆ 5 A - light-brown



No.	Designation in Wiring Diagram	Nominal Value	Function/Component	Terminal
1	- Fuse 1 (on fuse panel C) -SC1-	10 A	- ABS Control Module -J104-	30
2	- Fuse 2 (on fuse panel C) -SC2-	20 A	- ABS Control Module -J104-	30
3	- Fuse 3 (on fuse panel C) -SC3-	10 A	- Front A/C display control head -E87-	30
4	- Fuse 4 (on fuse panel C) -SC4-	5 A	- Vehicle positioning system interface control module -J843-	30
5	- Fuse 5 (on fuse panel C) -SC5-	30 A	- Driver's Door Control Module -J386-	30
6	- Fuse 6 (on fuse panel C) -SC6-	30 A	- Front Passenger's Door Control Module -J387-	30
7	- Fuse 7 (on fuse panel C) -SC7-	30 A	- Vehicle Electrical System Control Module -J519-	30
8	- Fuse 8 (on fuse panel C) -SC8-	30 A	- Vehicle Electrical System Control Module -J519-	30
9	- Fuse 9 (on fuse panel C) -SC9-	30 A	- Vehicle Electrical System Control Module -J519-	30
10	- Fuse 10 (on fuse panel C) -SC10-	5 A	- Anti-Theft Alarm System Sensor -G578- Alarm Horn -H12-	30
11	- Fuse 11 (on fuse panel C) -SC11-	20 A	- Vehicle Electrical System Control Module -J519-	30
12	- Fuse 12 (on fuse panel C) -SC12-	5 A	- Humidity Sensor -G355- / Rain/Light Recognition Sensor -G397-	30

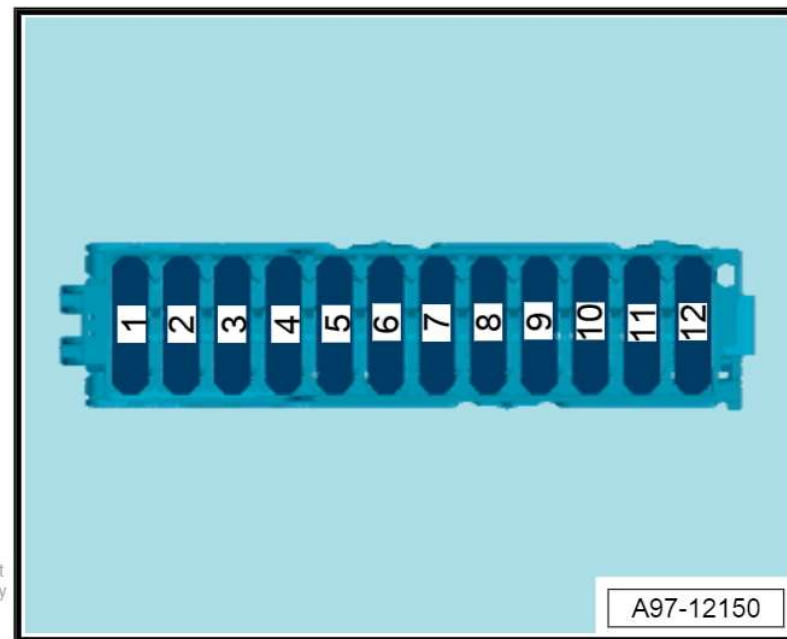
**1.6.6 Fuse Panel C SC W/ Fuse carrier 6 ST6, black**



ST6 - Fuse Panel C -SC- W/ Fuse panel 6 -ST6-



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Fuse Colours

- ◆ 40 A - orange
- ◆ 30 A - light-green
- ◆ 25 A - clear
- ◆ 20 A - yellow
- ◆ 15 A - light-blue
- ◆ 10 A - red
- ◆ 7.5 A - brown
- ◆ 5 A - light-brown

No.	Designation in Wiring Diagram	Nominal Value	Function/Component	Terminal
1	- Not used	-		
2	- Not used	-		

3	- Not used		-		
4	- Not used		-		
5	- Not used		-		
6	- Not used		-		
7	- Fuse 7 (on fuse panel C) -SC7-	5 A	-	Multimedia Control Head -E380-	30
8	- Fuse 8 (on fuse panel C) -SC8-	5 A <sup>1)</sup> /20 A <sup>2)</sup>	-	Control Module for Information Electronics 1 -J794-	30
9	- Fuse 9 (on fuse panel C) -SC9-	5 A <sup>3)</sup> /7.5 A <sup>4)</sup>	-	Chip Card Reader Control Module -J676- Seat Belt Microphone Control Module -J886- Telephone Baseplate -R126-	30
10	- Fuse 10 (on fuse panel C) -SC10-	30 A	-	Digital Sound System Control Module -J525-	30
11	- Fuse 11 (on fuse panel C) -SC11- <sup>5)</sup>	7.5 A <sup>5)</sup>	-	Rear View Camera System Control Module -J772- <sup>5)</sup>	30
12	- Fuse 12 (on fuse panel C) -SC12-	5 A	-	External Audio Source Connector -R199-	30

<sup>1)</sup> Only models with Digital Sound System Control Module -J525- (9VS)

<sup>2)</sup> Only models without Digital Sound System Control Module -J525- (9VD)

<sup>3)</sup> Only models without Chip Card Reader Control Module -J676-

<sup>4)</sup> Only models with Chip Card Reader Control Module -J676-

<sup>5)</sup> up to October 2016

## 1.7 Relay and fuse panel 4 SR4

◆ ⇒ ["1.7.1 Relay and fuse panel 4 SR4, part I", page 21](#)

◆ ⇒ ["1.7.2 Relay and fuse panel 4 SR4, part II", page 23](#)

### 1.7.1 Relay and fuse panel 4 SR4, part I

1 - Relay and fuse panel 4 -SR4-

1 - Fuse Panel D -SD-

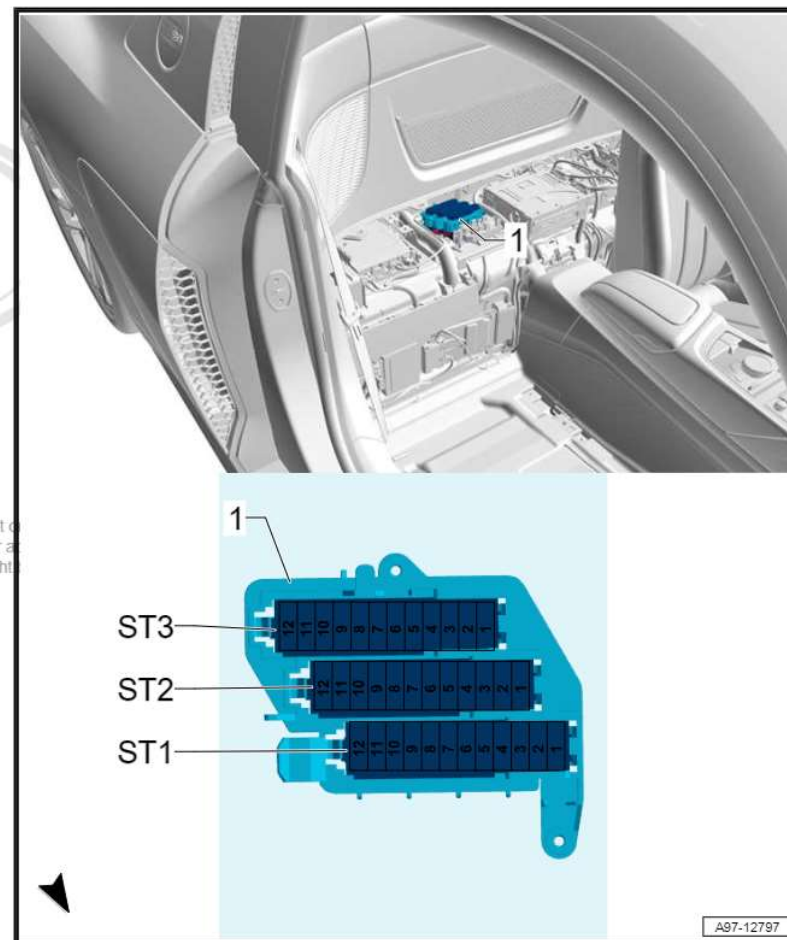
Fuse Colours

- ◆ 40 A - orange
- ◆ 30 A - light-green
- ◆ 25 A - clear
- ◆ 20 A - yellow
- ◆ 15 A - light-blue
- ◆ 10 A - red
- ◆ 7.5 A - brown
- ◆ 5 A - light-brown

ST1 - => ["1.7.3 Fuse Panel D SD W/ Fuse carrier 1 ST1, black", page 24](#)

ST2 - => ["1.7.4 Fuse Panel D SD W/ Fuse carrier 2 ST2, brown", page 25](#)

ST3 - => ["1.7.5 Fuse Panel D SD W/ Fuse carrier 3 ST3, red", page 26](#)

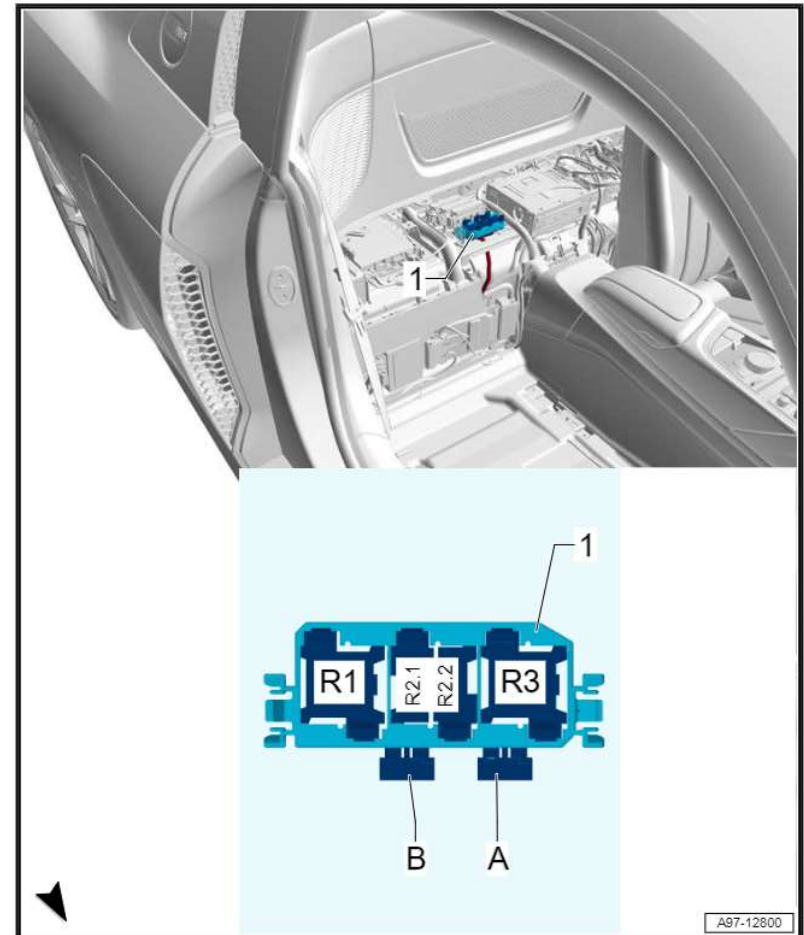


1.7.2 Relay and fuse panel 4 SR4, part II

1 - Relay and fuse carrier 4 -SR4-

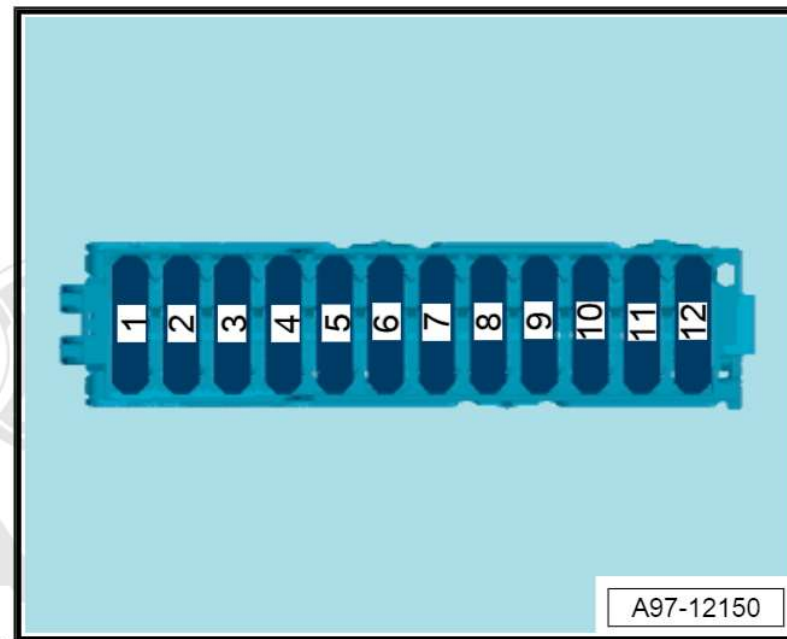
A - Not used

B - Convertible Top Motor Circuit Breaker -S68- , 40 A



1.7.3 Fuse Panel D SD W/ Fuse carrier 1 ST1, black

ST1 - Fuse Panel D -SD- W/ Fuse panel 1 -ST1-



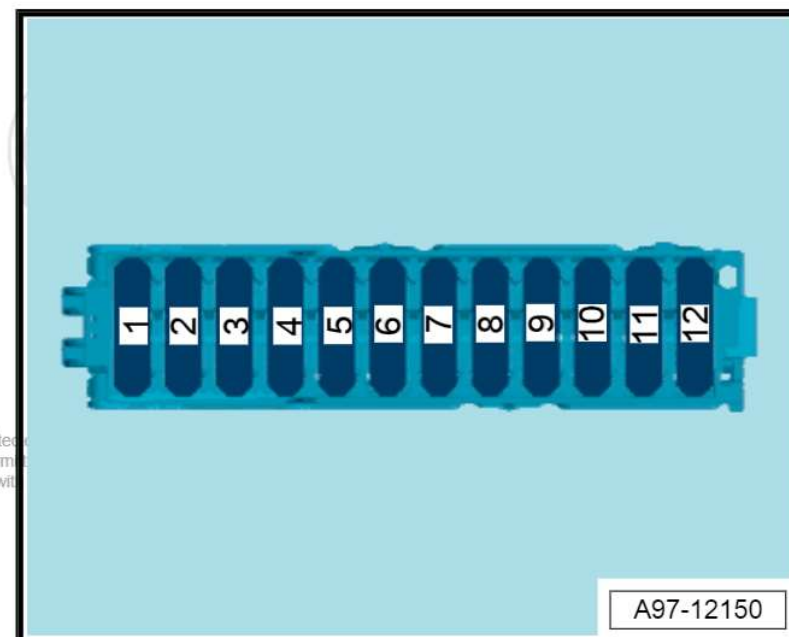
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No.	Designation in Wiring Diagram	Nominal Value	Function/Component	Terminal
1	- Not used		-	
2	- Not used		-	
3	- Fuse 3 (on fuse panel D) -SD3-	5 A	- Brake Light Switch -F-	87
4	- Not used		-	
5	- Fuse 5 (on fuse panel D) -SD5-	30 A	- Fuel Pump (FP) Control Module -J538-	87
6	- Not used		-	
7	- Fuse 7 (on fuse panel D) -SD7-	30 A	- Electro-Mechanical Parking Brake Control Module -J540-	30
8	- Fuse 8 (on fuse panel D) -SD8-	30 A	- Electro-Mechanical Parking Brake Control Module -J540-	30
9	- Fuse 9 (on fuse panel D) -SD9-	20 A	- Electronic Damping Control Module -J250-	30
10	- Fuse 10 (on fuse panel D) -SD10-	5 A	- Tire Pressure Monitoring Control Module -J502-	30
11	- Fuse 11 (on fuse panel D) -SD11-	30 A	- Convertible Top Control Module -J256-	30

12	- Fuse 12 (on fuse panel D) -SD12-	20 A	- Convertible Top Control Module -J256-	30
----	------------------------------------	------	---	----

1.7.4 Fuse Panel D SD W/ Fuse carrier 2 ST2, brown

ST2 - Fuse Panel D -SD- W/ Fuse panel 2 -ST2-

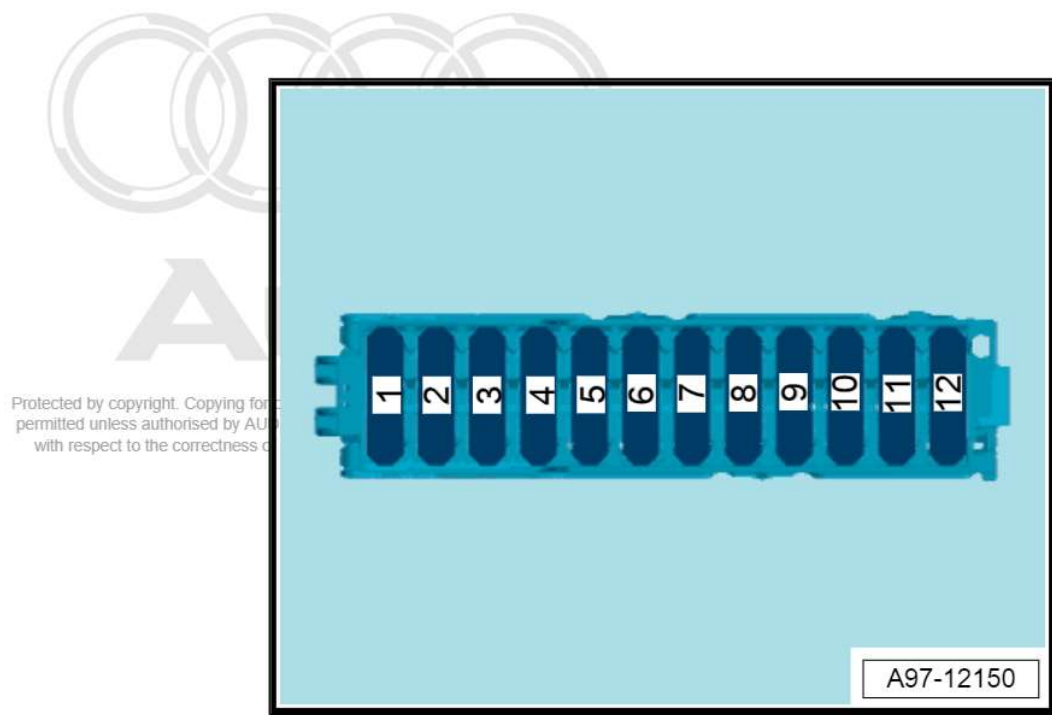


No.	Designation in Wiring Diagram	Nominal Value	Function/Component	Terminal
1	- Fuse 1 (on fuse panel D) -SD1-	5 A	- Electronic Damping Control Module -J250-	15
2	- Fuse 2 (on fuse panel D) -SD2-	10 A	- Rear Lid Release Switch -E165- Rear Lid Central Locking Relay -J380-	15
3	- Fuse 3 (on fuse panel D) -SD3-	5 A	- Electro-Mechanical Parking Brake Control Module -J540-	15
4	- Fuse 4 (on fuse panel D) -SD4-	5 A	- Amplifier for Telephone -R86-	30
5	- Fuse 5 (on fuse panel D) -SD5-	5 A	- Fuel Tank Lead Detection Control Module -J909-	30
6	- Fuse 6 (on fuse panel D) -SD6-	30 A	- Comfort System Central Control Module -J393-	30
7	- Fuse 7 (on fuse panel D) -SD7-	20 A	- Rear Spoiler Control Module -J223-	30
8	- Fuse 8 (on fuse panel D) -SD8-	30 A	- Comfort System Central Control Module -J393-	30

9	- Not used		-		
10	- Fuse 10 (on fuse panel D) -SD10-	20 A	-	Comfort System Central Control Module -J393-	30
11	- Fuse 11 (on fuse panel D) -SD11-	15 A	-	Transmission Control Module 2 (TCM) -J1006-	30
12	- Fuse 12 (on fuse panel D) -SD12-	7.5 A	-	TV Tuner -R78-	30

1.7.5 Fuse Panel D SD W/ Fuse carrier 3 ST3, red

ST3 - Fuse Panel D -SD- W/ Fuse panel 3 -ST3-



No.	Designation in Wiring Diagram	Nominal Value	Function/Component	Terminal
1	- Fuse 1 (on fuse panel D) -SD1-	15 A	- Heated Partition Window -Z106-	87
2	- Fuse 2 (on fuse panel D) -SD2-	20 A <sup>1)</sup> /30 A <sup>2)</sup>	- Heated Rear Window -Z1-	87
3	- Not used		-	
4	- Not used		-	
5	- Not used		-	

6	- Not used		-		
7	- Not used		-		
8	- Not used		-		
9	- Not used		-		
10	- Not used		-		
11	- Not used		-		
12	- Not used		-		

1) Spyder only

2) Coupe only

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## 1 Comp. Loc. Relays

- ◆ ⇒ ["1.4 Relay and fuse carrier 4 SR4 ", page 4](#)
- ◆ ⇒ ["1.2 Relay and fuse carrier 2 SR2 ", page 2](#)
- ◆ ⇒ ["1.1 Relay and fuse carrier 1 SR1 ", page 1](#)
- ◆ ⇒ ["1.3 Relay and fuse carrier 3 SR3 ", page 3](#)

### 1.1 Relay and fuse carrier 1 SR1



Audi

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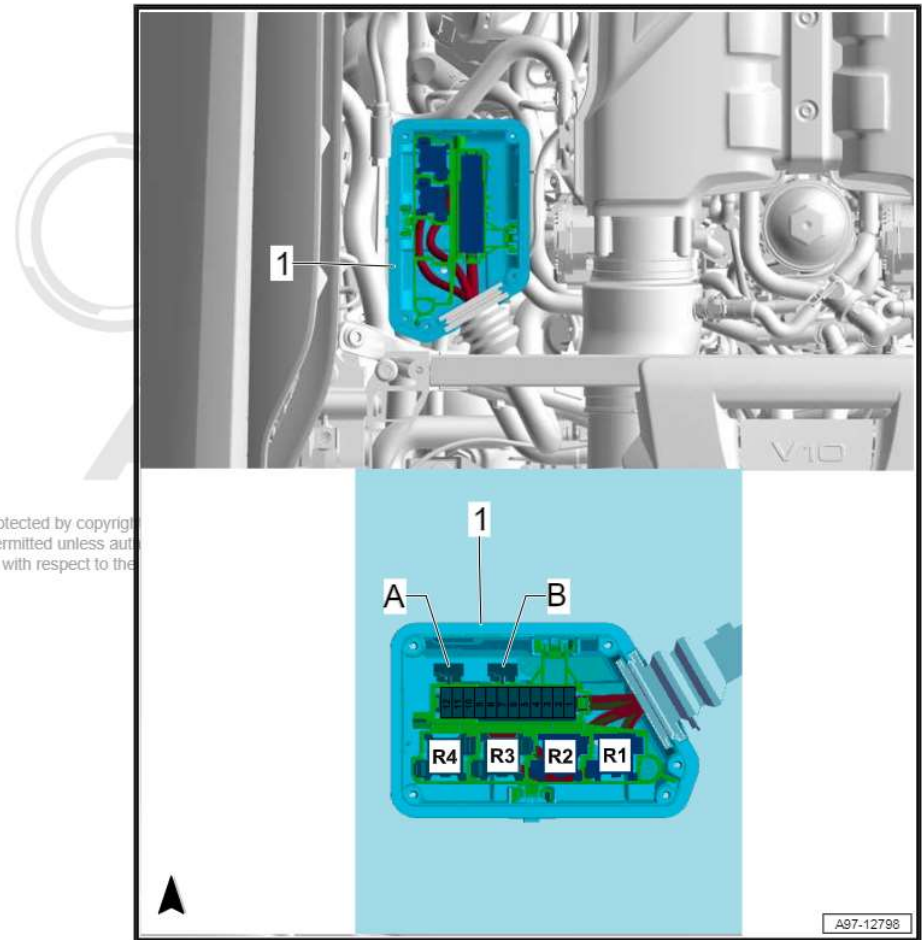
1 - Relay and fuse carrier 1 -SR1-

R1 - Not used

R2 - Not used

R3 - Secondary Air Injection (AIR) Pump Relay -J299-

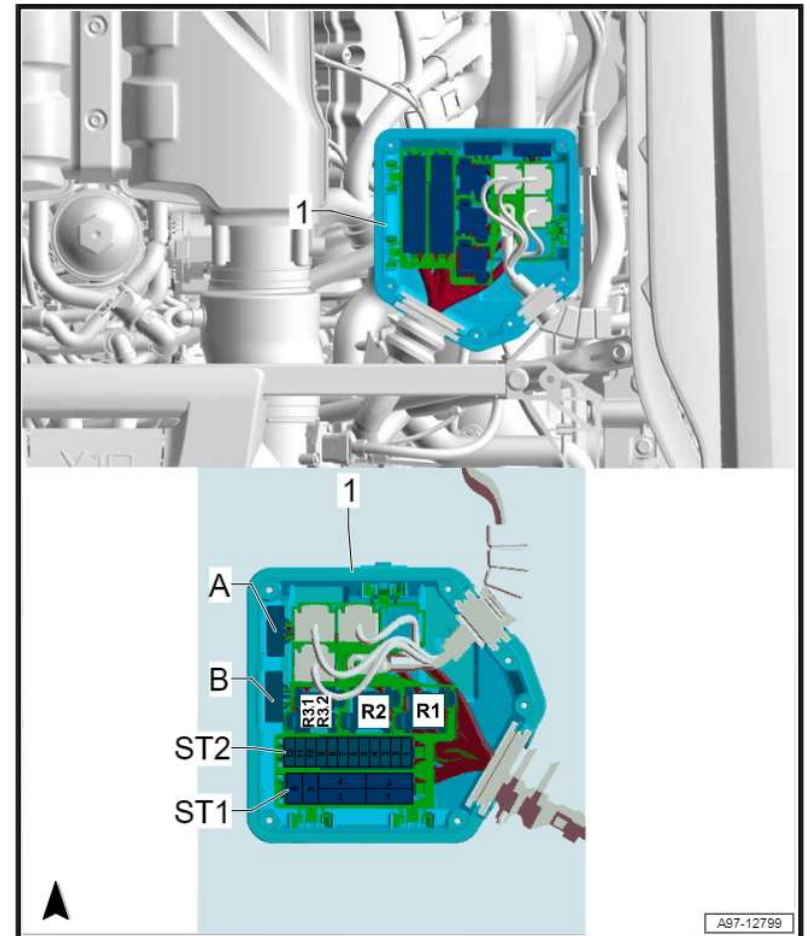
R4 - Secondary Air Injection (AIR) Pump Relay 2 -J545-



Back to top ⇒ [page 1](#)

1.2 Relay and fuse carrier 2 SR2

- 1 - Relay and fuse carrier 2 -SR2-
- R1 - Engine Component Power Supply Relay -J757-
- R2 - Main Relay -J271-
- R3.1 - Starter Relay 2 -J907-
- R3.2 - Starter Relay 1 -J906-

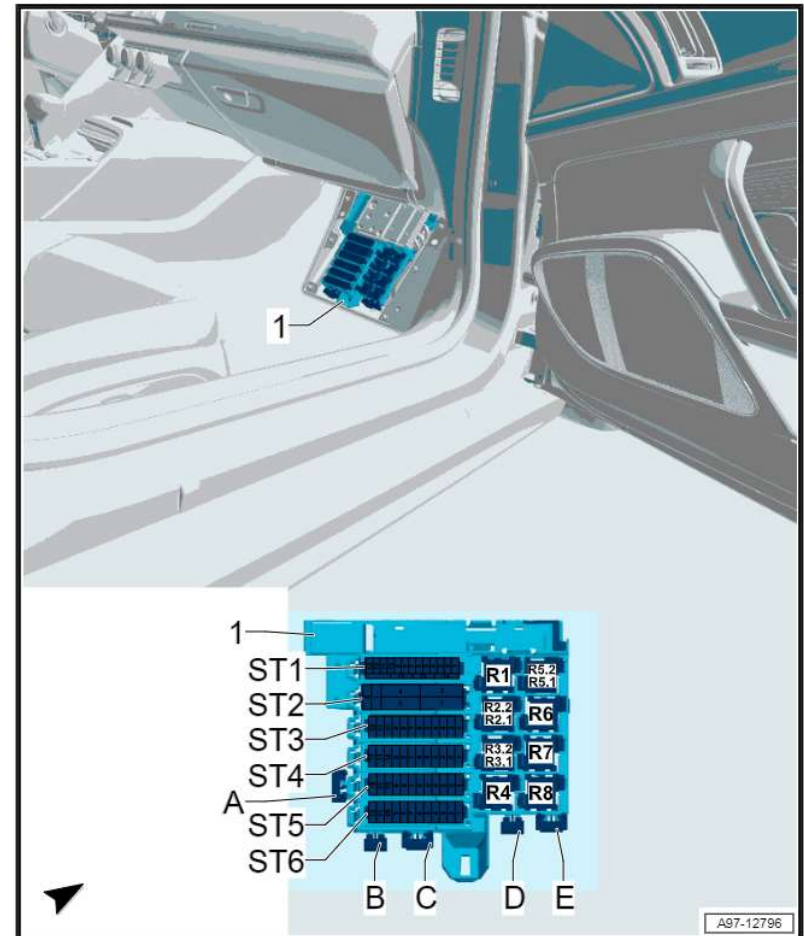


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Back to top ⇒ [page 1](#)

1.3 Relay and fuse carrier 3 SR3

- 1 - Relay and fuse carrier 3 -SR3-
- R1 - Not used
- R2.1 - Sockets Relay -J807-
- R2.2 - Brake Booster Relay -J569-
- R3.1 - Horn Relay -J413-
- R3.2 - Not used
- R4 - Not used
- R5.1 - Not used
- R5.2 - Not used
- R6 - Terminal 15 power supply relay -J329-
- R7 - Not used
- R8 - Not used



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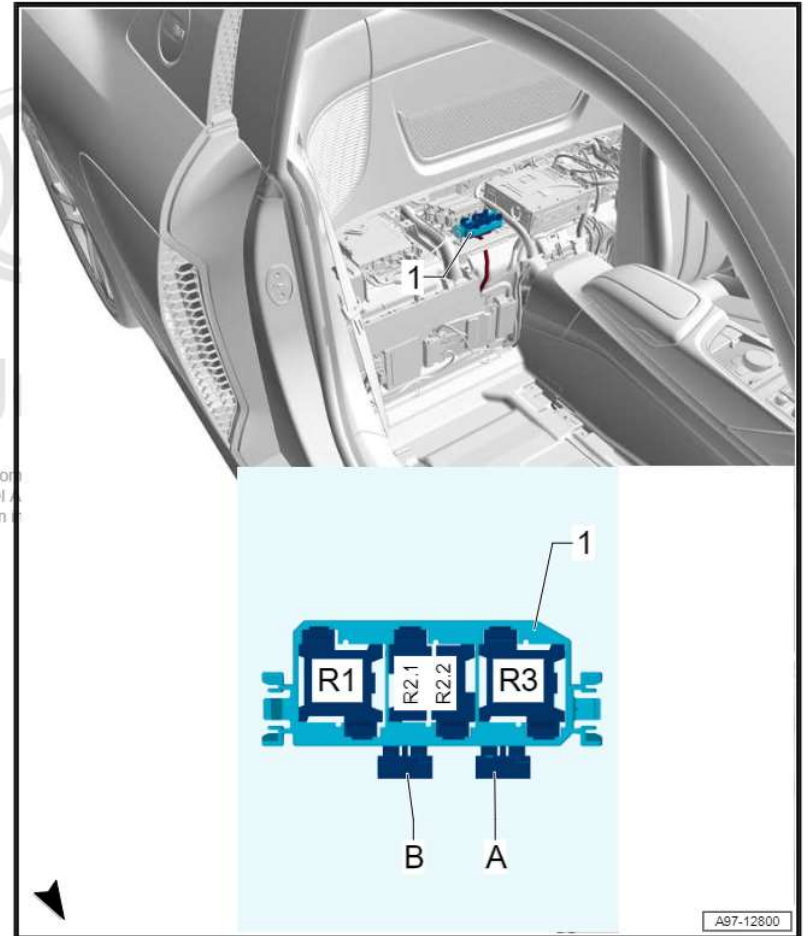
Back to top ⇒ [page 1](#)

#### 1.4 Relay and fuse carrier 4 SR4

- 1 - Relay and fuse carrier 4 -SR4-
- R1 - Rear window defogger relay -J9-
- R2.1 - Rear Lid Central Locking Relay -J380-
- R2.2 - Not used
- R3 - Not used



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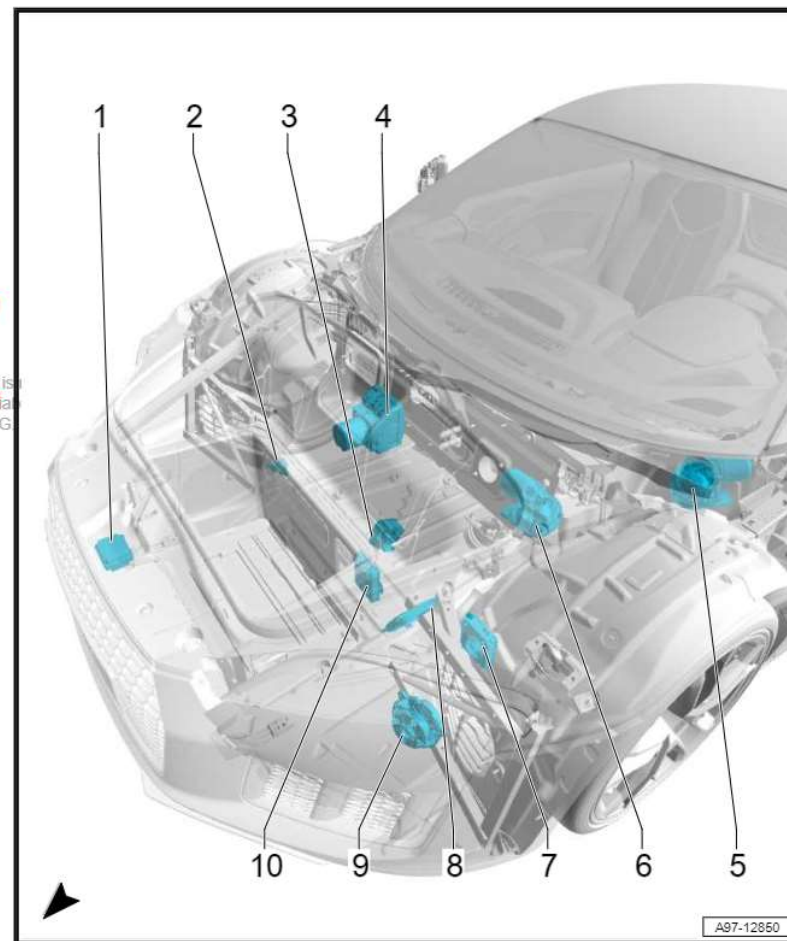
Back to top ⇒ [page 1](#)

1 Comp. Loc. Vehicle Front Modules

1.1 Vehicle Front Modules Overview

- 1 - ⇒ ["1.8 Garage Door Opener Control Module J530", page 14](#)
- 2 - ⇒ ["1.4 Battery Monitoring Control Module J367", page 6](#)
- 3 - ⇒ ["1.7 Power Steering Control Module J500", page 12](#)
- 4 - ⇒ ["1.2 ABS Control Module J104", page 2](#)
- 5 - ⇒ ["1.5 Wiper Motor Control Module J400", page 8](#)
- 6 - ⇒ ["1.9 Front Passenger Windshield Wiper Motor Control Module J584", page 16](#)
- 7 -  
⇒ ["1.10 Right LED Headlamp Power Output Stage 2 A28 / Left LED Headlamp Power Output Stage 2 A32", page 18](#)
- 8 -  
⇒ ["1.10 Right LED Headlamp Power Output Stage 2 A28 / Left LED Headlamp Power Output Stage 2 A32", page 18](#)
- 9 -  
⇒ ["1.3 Coolant fan control module J293 / Coolant Fan Control \(FC\) Control Module 2 J671", page 4](#)
- 10 - ⇒ ["1.6 All wheel drive control module J492", page 10](#)

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1.2 ABS Control Module J104

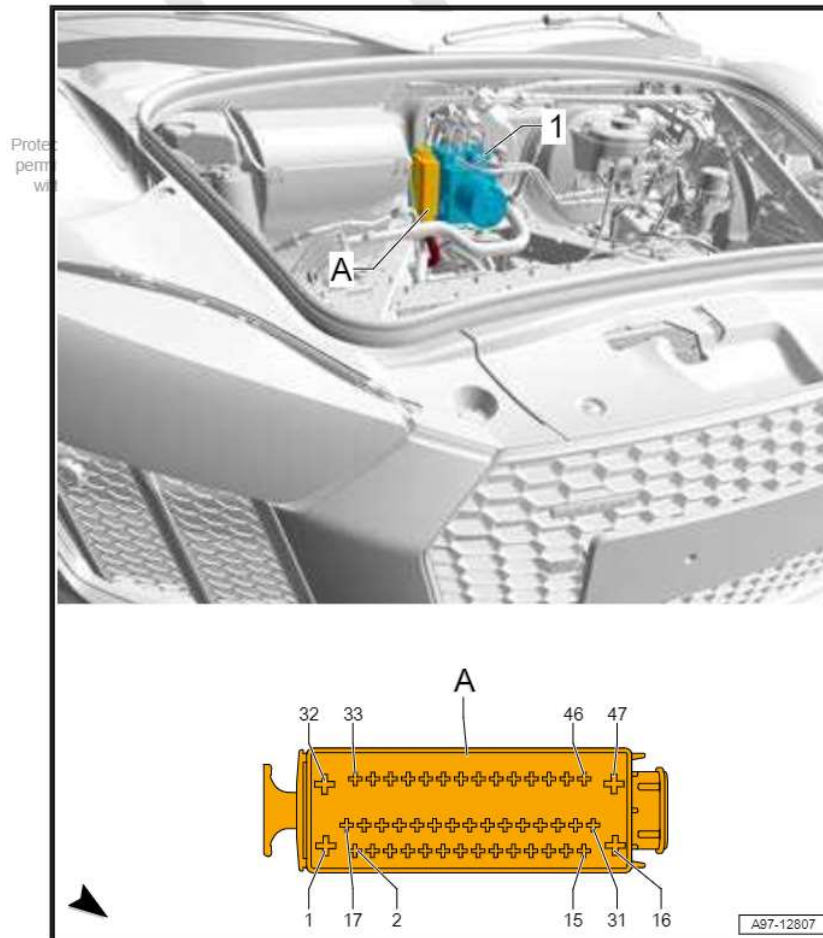
◆ ⇒ "1.2.1 ABS Control Module J104 , location", page 2

◆ ⇒ "1.2.2 ABS Control Module J104 , connector views", page 3

1.2.1 ABS Control Module -J104- , location

1 - ABS Control Module -J104-

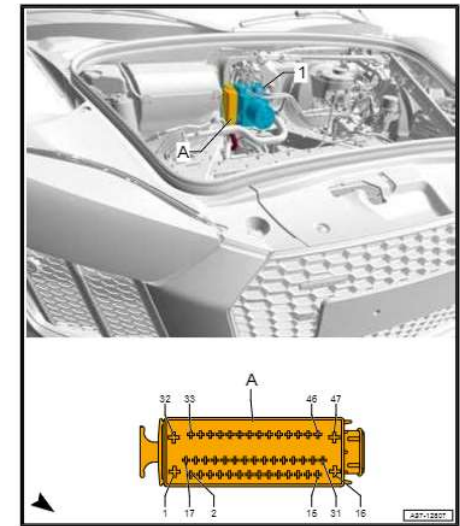
A - 47-Pin Connector -T47a- , black



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1.2.2 ABS Control Module -J104- , connector views

47-Pin Connector -T47a-



T47a (A)	Designation	T47a (A)	Designation
1	Terminal 30, from safety fuse 3 S133 on Main Fuse Carrier	25	CAN-Bus suspension sensor Low, to B664 Suspension sensor CAN bus low connection (in main wiring harness)
2		26	Right Front Wheel Speed Sensor G45
3	FlexRay-Bus, from Data Bus On Board Diagnostic Interface J533	27	Left Front Wheel Speed Sensor G47
4		28	
5		29	Left Rear Wheel Speed Sensor G46
6		30	
7	Vacuum Sensor G608	31	Vacuum Sensor G608
8		32	Terminal 30, from Fuse Carrier 5 ST5in Fuse Panel C SC
9	Vacuum Sensor G608	33	
10		34	
11	Left Front Wheel Speed Sensor G47	35	
12	Protected by copyright. Copying for private or commercial purposes, in part or in whole, is not permitted unless authorised by AUDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.	36	ASR/ESP Button E256 in Switch Module, instrument panel, center EX22
13	Left Rear Wheel Speed Sensor G46	37	
14	Terminal 15, from Fuse Carrier 1ST1 in Fuse Panel CSC	38	
15		39	
16	Terminal 31, to 686 Ground Connection 2 (on right front long member)	40	CAN-Bus suspension sensor High, to B663 Suspension sensor CAN bus high connection (in main wiring harness)



T47a (A)	Designation	T47a (A)	Designation
17		41	Right Front Wheel Speed Sensor G45
18		42	
19	FlexRay-Bus, from Data Bus On Board Diagnostic Interface J533	43	Right Rear Wheel Speed Sensor G44
20		44	Right Rear Wheel Speed Sensor G44
21		45	Terminal 30, from Fuse Carrier 5ST5 in Fuse Panel C SC
22		46	
23		47	Terminal 31, to 686 Ground Connection 2 (on right front long member)
24			

1.3 Coolant fan control module J293 / Coolant Fan Control (FC) Control Module 2 J671

◆ ⇒ ["1.3.1 Coolant fan control module J293 / Coolant Fan Control \(FC\) Control Module 2 J671 , location", page 4](#)

◆ ⇒ ["1.3.2 Coolant fan control module J293 / Coolant Fan Control \(FC\) Control Module 2 J671 connector views", page 6](#)

1.3.1 Coolant fan control module -J293- / Coolant Fan Control (FC) Control Module 2 -J671- , location

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On front left/right cooler.

1 - Coolant fan control module -J293-

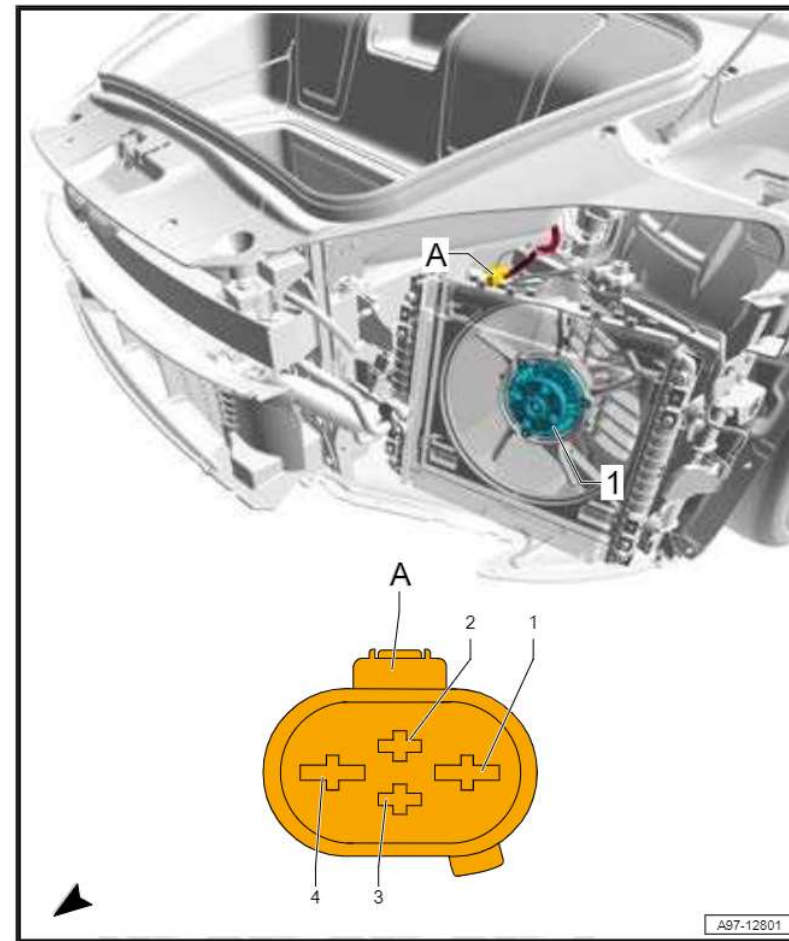
☐ On left front cooler

1 - Coolant Fan Control (FC) Control Module 2 -J671-

☐ On right front cooler

A - 4-Pin Connector -T4v-

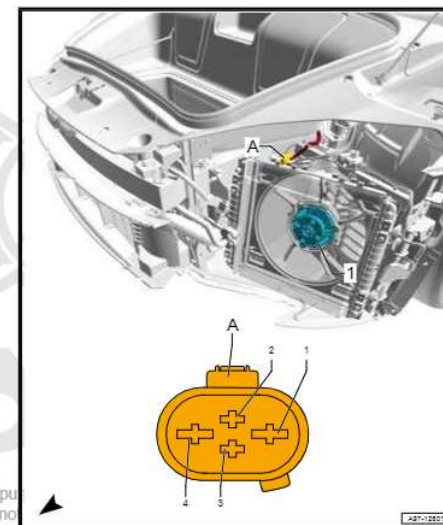
A - 4-Pin Connector -T4y-



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1.3.2 Coolant fan control module -J293- / Coolant Fan Control (FC) Control Module 2 -J671- , connector views

4-Pin Connector -T4v- / 4-Pin Connector -T4y-



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T4v (A)	Designation	T4y (A)	Designation
1	Terminal 30, from Coolant Fan Single Fuse S42 on cover for main fuse carrier	1	Terminal 30, from Coolant fan second speed fuse 2S104 Cover for main fuse carrier
2	Terminal 87, from Fuse Panel A SA	2	Terminal 87, from Fuse Panel A SA
3	Fan stage, from Engine Control Module J623	3	Fan stage, from Engine Control Module J623
4	Terminal 31, to 671 Ground Connection 1 (on left front long member)	4	Terminal 31, to 685 Ground Connection 1 (on right front long member)

1.4 Battery Monitoring Control Module J367

- ◆ ⇒ ["1.4.1 Battery Monitoring Control Module J367 , location", page 6](#)
- ◆ ⇒ ["1.4.2 Battery Monitoring Control Module J367 , connector views", page 8](#)

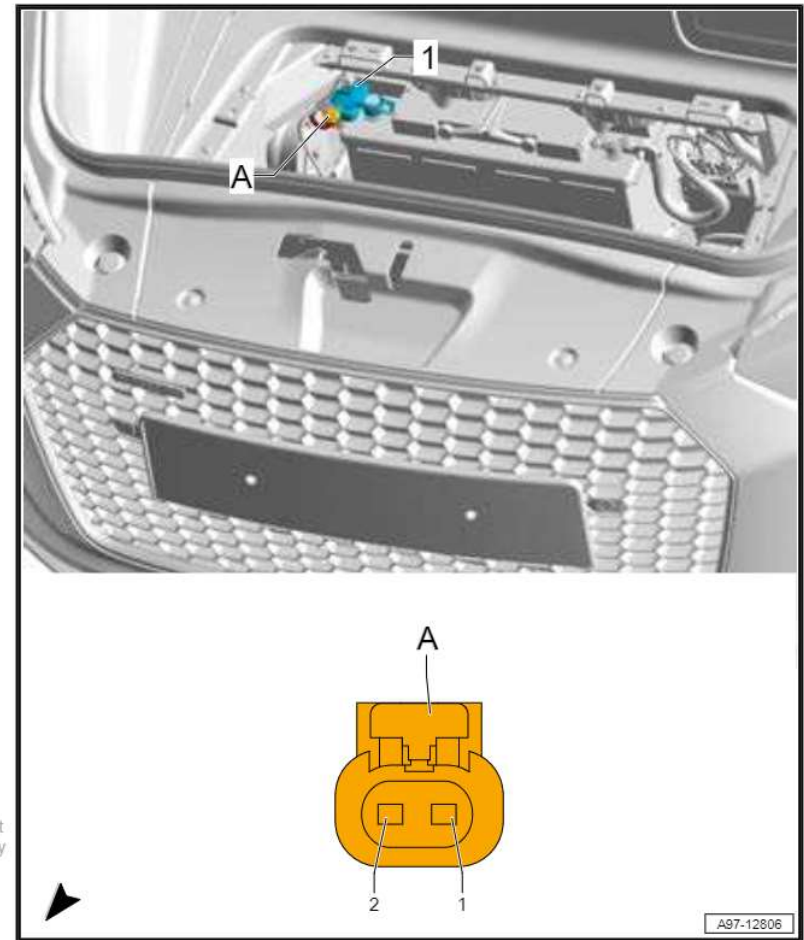
1.4.1 Battery Monitoring Control Module -J367- , location

1 - Battery Monitoring Control Module -J367-

A - Double Connector -T2bv- , black

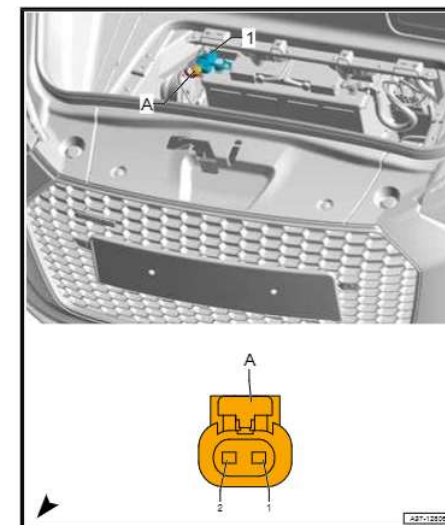


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1.4.2 Battery Monitoring Control Module  
-J367- , connector views

Double Connector -T2bv-



T2bv (A)	Designation
1	LIN-Bus, from B528 LIN-Bus Connection 1 (in main wiring harness)
2	from Connector G1 on main fuse carrier

1.5 Wiper Motor Control Module J400

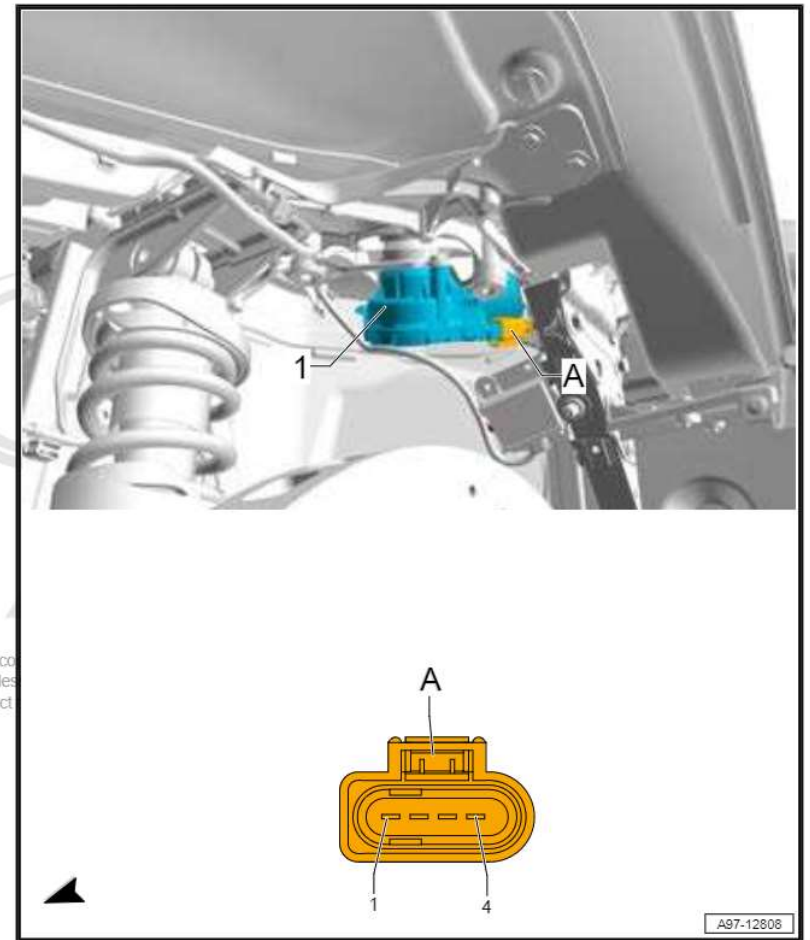
- ◆ ⇒ ["1.5.1 Wiper Motor Control Module J400 , location", page 8](#)
- ◆ ⇒ ["1.5.2 Wiper Motor Control Module J400 , connector views", page 10](#)

1.5.1 Wiper Motor Control Module -J400- , location

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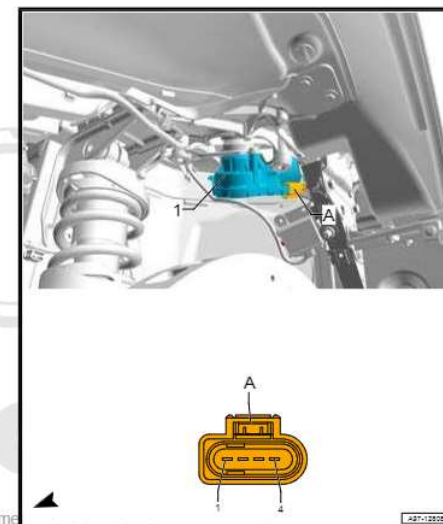
1 - Wiper Motor Control Module -J400-

A - 4-Pin Connector -T4t- , black



1.5.2 Wiper Motor Control Module -J400- , connector views

4-Pin Connector -T4t-



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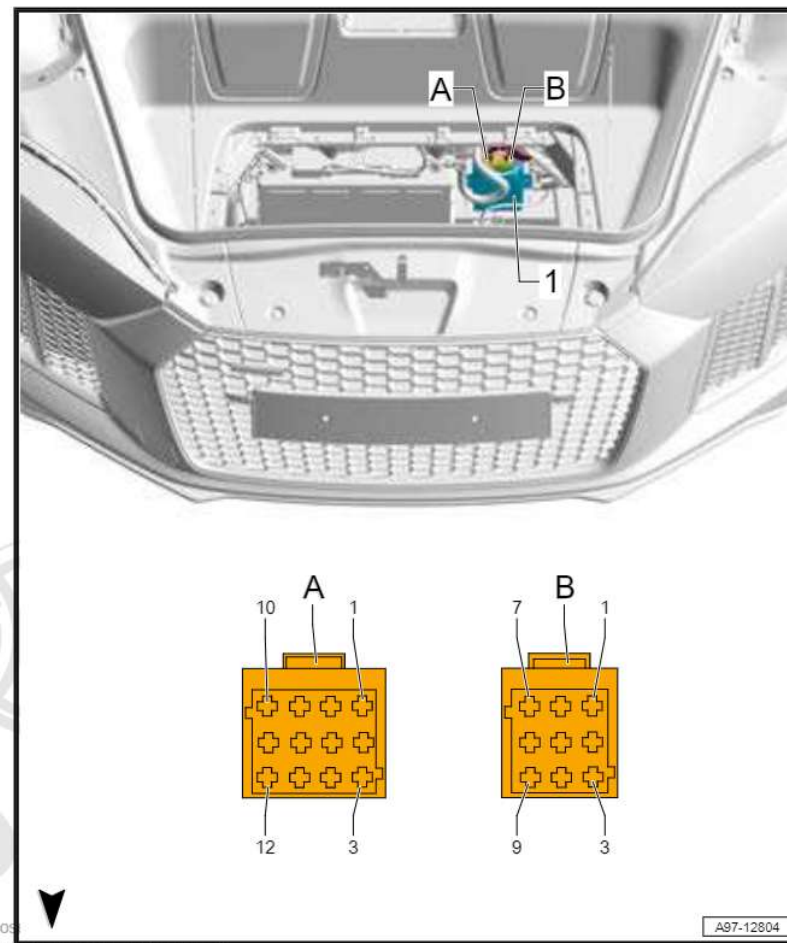
T4t (A)	Designation
1	LIN-Bus, to B711 LIN-Bus Connection 6 (in main wiring harness)
2	Front Passenger Windshield Wiper Motor Control Module J584
3	Terminal 31, to 646 Ground Connection 2 on bulkhead
4	Terminal 30, from Fuse Carrier 4 ST4 in Fuse Panel C SC

1.6 All wheel drive control module J492

- ◆ ⇒ ["1.6.1 All wheel drive control module J492 , location", page 10](#)
- ◆ ⇒ ["1.6.2 All wheel drive control module J492 , connector views", page 12](#)

1.6.1 All wheel drive control module -J492- , location

- 1 - All-Wheel Drive Control Module -J492-
- A - 12-Pin Connector -T12a- , green
- B - 9-Pin Connector -T9f- , grey



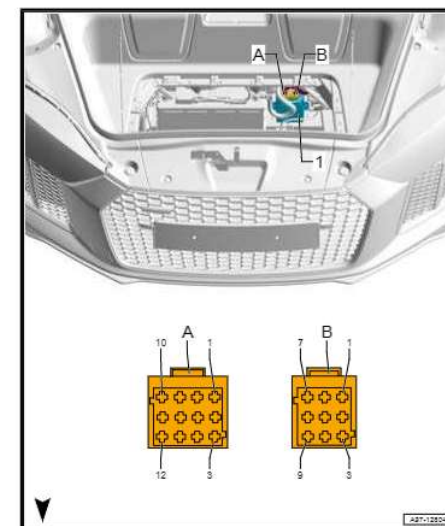
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1.6.2 All wheel drive control module -J492- , connector views

12-Pin Connector -T12a- / 9-Pin Connector -T9f-



T12a (A)	Designation	T9f (B)	Designation
1		1	Terminal 30, from Fuse 1 (30) S204 on cover for main fuse carrier
2	All wheel drive hydraulic temperature sensor G943	2	
3	All wheel drive hydraulic temperature sensor G943	3	CAN-Bus suspension sensor High, to B663 Suspension sensor CAN bus high connection (in main wiring harness)
4		4	
5		5	
6	All wheel drive hydraulic pressure sensor G942	6	CAN-Bus suspension sensor Low, to B664 Suspension sensor CAN bus low connection (in main wiring harness)
7		7	Terminal 31, to 646 Ground Connection 2 on bulkhead
8	All wheel drive hydraulic pressure sensor G942	8	
9	All wheel drive hydraulic pressure sensor G942	9	Terminal 15, from Fuse Carrier 1 ST1 in Fuse Panel C SC
10			
11	Haldex clutch pump V181		
12	Haldex clutch pump V181		

1.7 Power Steering Control Module J500

◆ ⇒ ["1.7.1 Power Steering Control Module J500 , location", page 13](#)

◆ ⇒ "1.7.2 Power Steering Control Module J500 , connector views", page 14

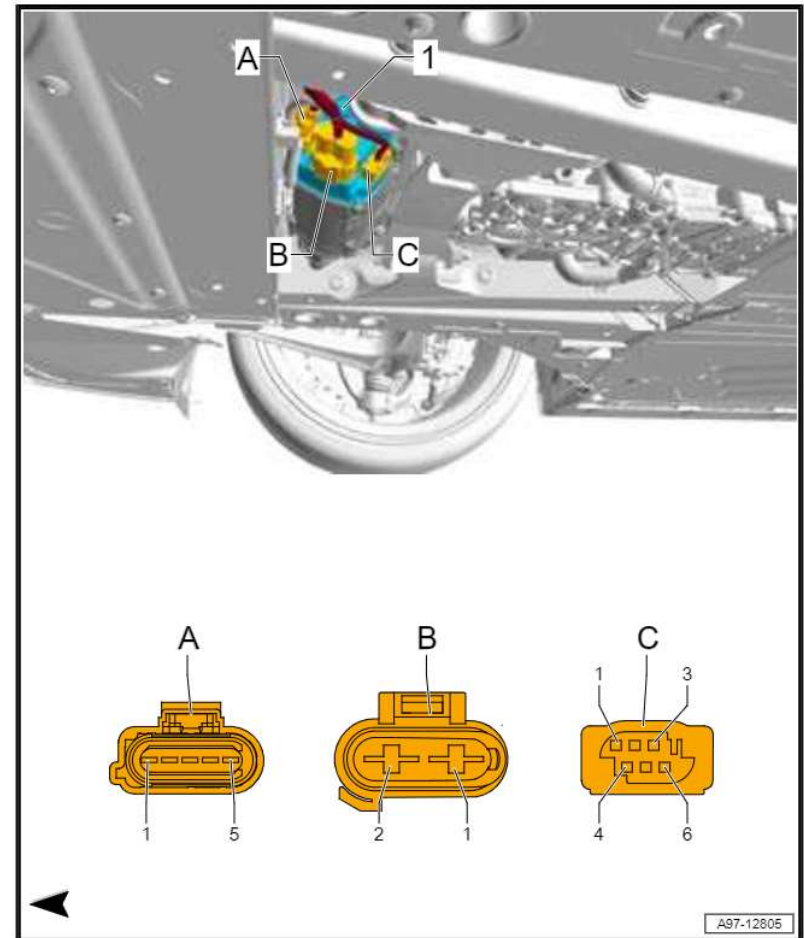
1.7.1 Power Steering Control Module -J500- , location

1 - Power Steering Control Module -J500-

A - 5-Pin Connector -T5aa- , black

C - Double Connector -T2ck- , black

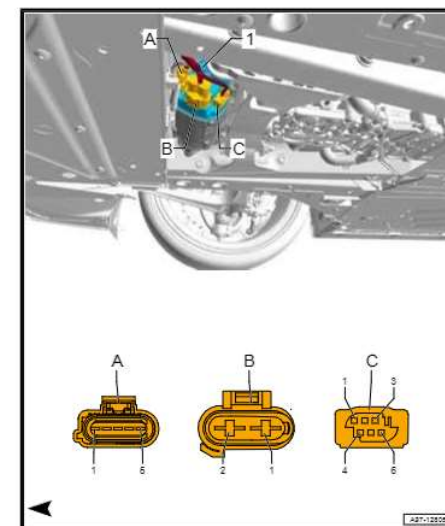
B - 6-Pin Connector -T6e- , black



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1.7.2 Power Steering Control Module -J500- , connector views

Double Connector -T2ck- / 6-Pin Connector -T6e-



T2ck (B)	Designation	T6e (C)	Designation
1	Terminal 30, from connector station, in engine compartment, right TMR Safety fuse 1 S131 in main fuse carrier on Battery A	1	
2	Terminal 31, to 672 Ground Connection 2 (on left front long member)	2	CAN-Bus suspension sensor Low, from B664 Suspension sensor CAN bus low connection (in main wiring harness)
		3	
		4	
		5	CAN-Bus suspension sensor High, from B663 Suspension sensor CAN bus high connection (in main wiring harness)
		6	Terminal 15, from Fuse Carrier 3 ST3 in Fuse Panel C SC

1.8 Garage Door Opener Control Module J530

- ◆ ⇒ ["1.8.1 Garage Door Opener Control Module J530 , location", page 14](#)
- ◆ ⇒ ["1.8.2 Garage Door Opener Control Module J530 , connector views", page 16](#)

1.8.1 Garage Door Opener Control Module -J530- , location

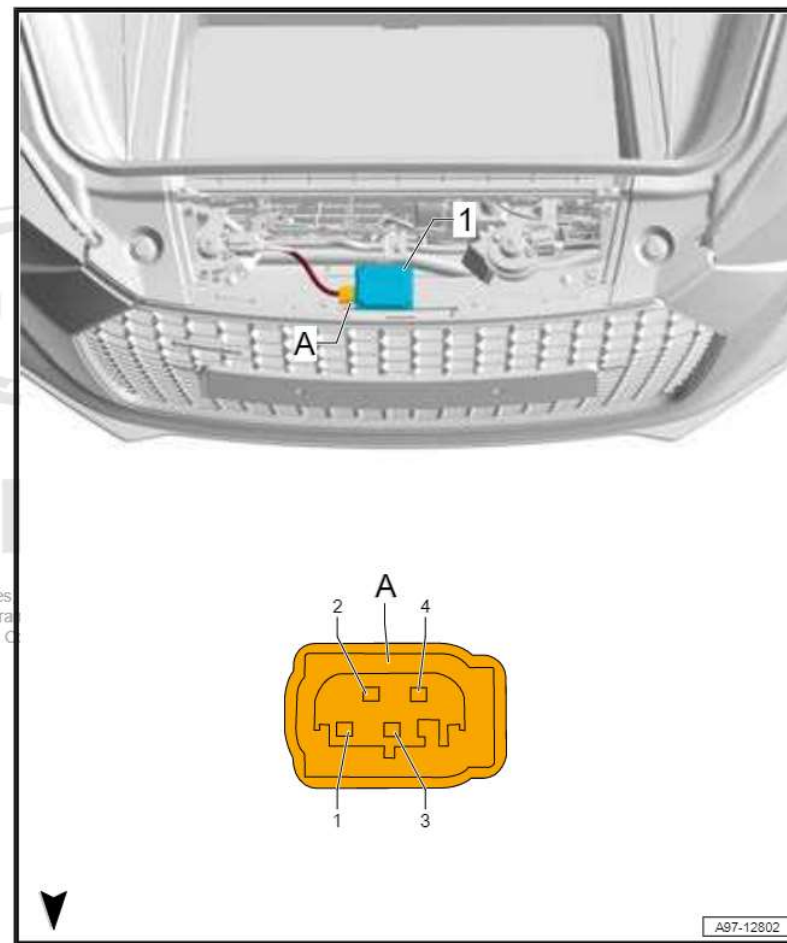
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1 - Garage Door Opener Control Module -J530-

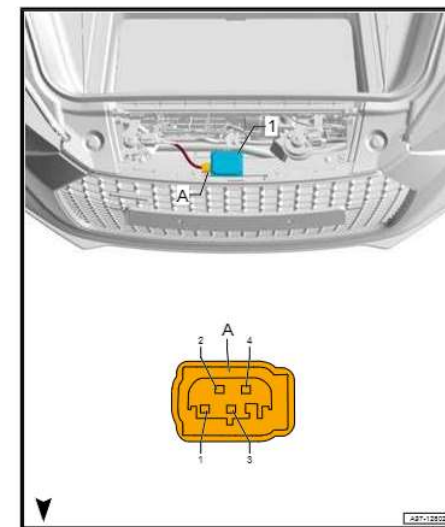
A - 4-Pin Connector -T4u- , black



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1.8.2 Garage Door Opener Control Module  
-J530- , connector views



T4u (A)	Designation
1	
2	LIN-Bus, from B549 LIN-Bus Connection 2 (in main wiring harness)
3	Terminal 31, to 685 Ground Connection 1 (on right front long member)
4	Terminal 30, from Fuse Carrier 1ST1 in Fuse Panel C SC

1.9 Front Passenger Windshield Wiper Motor Control Module J584

◆ ⇒ ["1.9.1 Front Passenger Windshield Wiper Motor Control Module J584 , location", page 16](#)

◆ ⇒ ["1.9.2 Front Passenger Windshield Wiper Motor Control Module J584 , connector views", page 18](#)

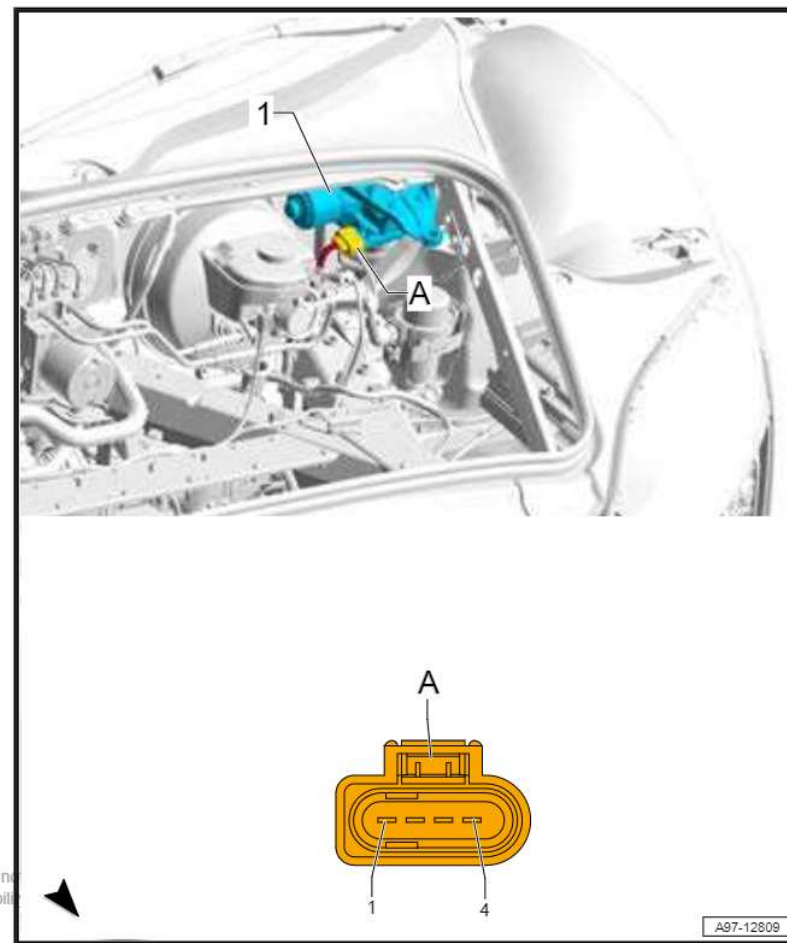
1.9.1 Front Passenger Windshield Wiper Motor Control Module -J584- , location

1 - Front Passenger Windshield Wiper Motor Control Module -J584-

A - 4-Pin Connector -T4cq- , black

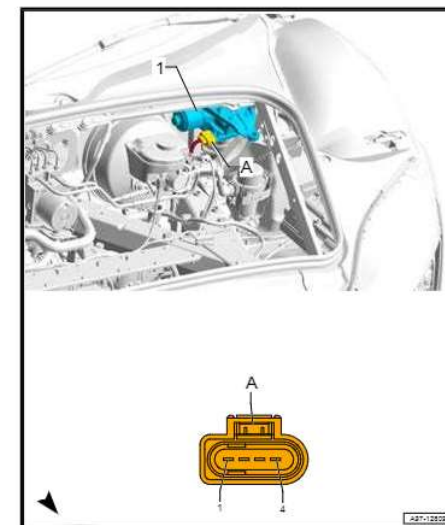


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1.9.2 Front Passenger Windshield Wiper Motor Control Module -J584- , connector views

4-Pin Connector -T4cq-

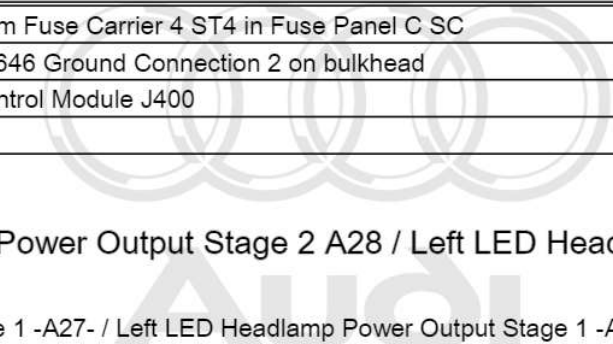


T4cq (A)	Designation
1	Terminal 30, from Fuse Carrier 4 ST4 in Fuse Panel C SC
2	Terminal 31, to 646 Ground Connection 2 on bulkhead
3	Wiper Motor Control Module J400
4	

1.10 Right LED Headlamp Power Output Stage 2 A28 / Left LED Headlamp Power Output Stage 2 A32

Right LED Headlamp Power Output Stage 1 -A27- / Left LED Headlamp Power Output Stage 1 -A31-

- ◆ ⇒ ["1.10.1 Right LED Headlamp Power Output Stage 2 A28 / Left LED Headlamp Power Output Stage 2 A32 , location", page 19](#)
- ◆ ⇒ ["1.10.2 Right LED Headlamp Power Output Stage 2 A28 / Left LED Headlamp Power Output Stage 2 A32 , connector views, LED without laser light", page 20](#)
- ◆ ⇒ ["1.10.3 Right LED Headlamp Power Output Stage 2 A28 / Left LED Headlamp Power Output Stage 2 A32 , connector views, LED with laser light", page 21](#)



1.10.1 Right LED Headlamp Power Output Stage 2 -A28- / Left LED Headlamp Power Output Stage 2 -A32- , location

Right LED Headlamp Power Output Stage 1 -A27- / Left LED Headlamp Power Output Stage 1 -A31-

1 - Right LED Headlamp Power Output Stage 2 -A28-

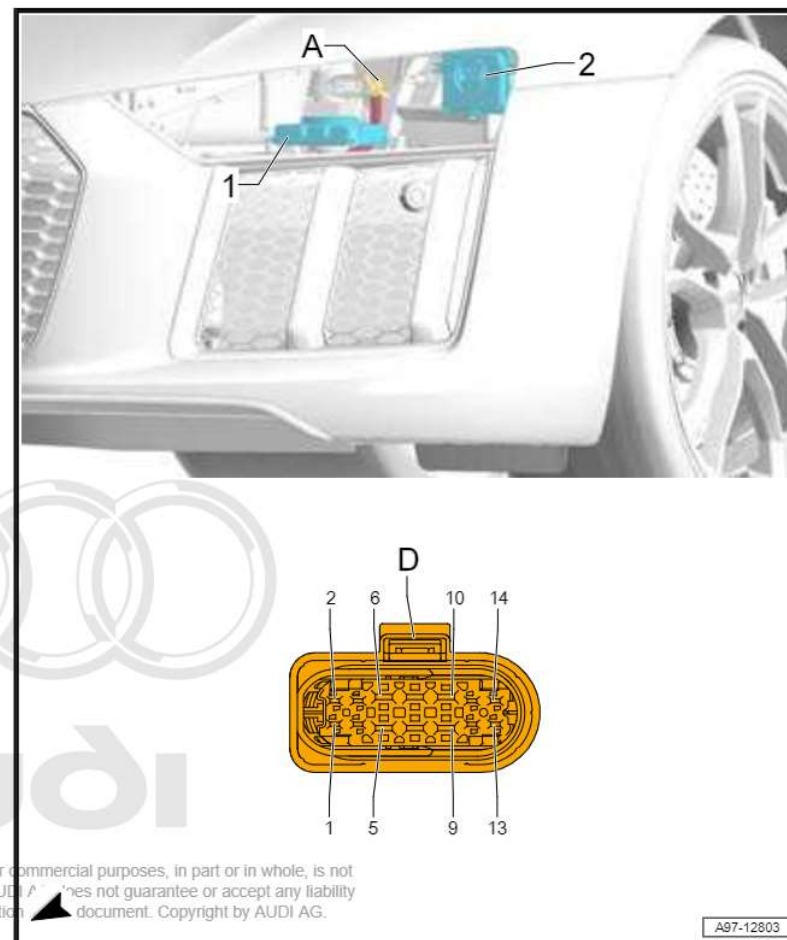
1 - Left LED Headlamp Power Output Stage 2 -A32-

2 - Right LED Headlamp Power Output Stage 1 -A27-

2 - Left LED Headlamp Power Output Stage 1 -A31-

A - 14-Pin Connector -T14h-

A - 14-Pin Connector -T14i-



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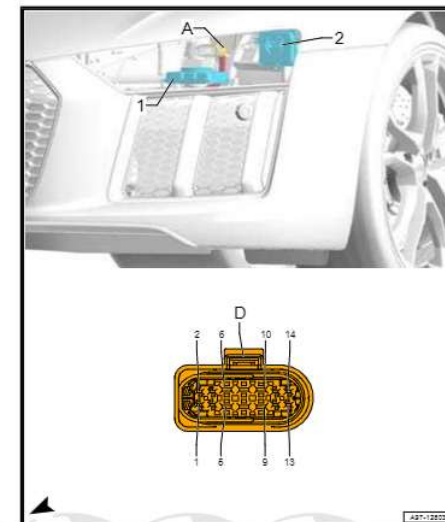
A97-12803



1.10.2 Right LED Headlamp Power Output Stage 2 -A28- / Left LED Headlamp Power Output Stage 2 -A32- , connector views, LED without laser light

Right LED Headlamp Power Output Stage 1 -A27- / Left LED Headlamp Power Output Stage 1 -A31-

14-Pin Connector -T14h- / 14-Pin Connector -T14i-

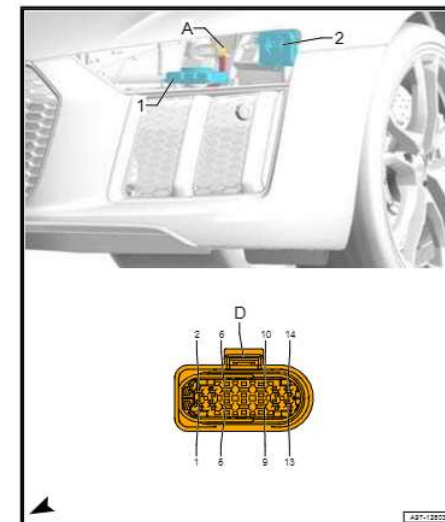


T14h (A)	Designation	T14i (A)	Designation
1	Headlamp CAN Bus High, to Headlamp Range Control Module J431	1	Headlamp CAN Bus High, to Headlamp Range Control Module J431
2	Headlamp CAN Bus High, to Headlamp Range Control Module J431	2	Headlamp CAN Bus High, to Headlamp Range Control Module J431
3		3	
4		4	
5	Terminal 31, to 671 Ground Connection 1 (on left front long member)	5	Terminal 31, to 685 Ground Connection 1 (on right front long member)
6	Vehicle Electrical System Control Module J519	6	Vehicle Electrical System Control Module J519
7		7	
8	Vehicle Electrical System Control Module J519	8	Vehicle Electrical System Control Module J519
9	Terminal 15, from Fuse Carrier 1ST1 in Fuse Panel C SC	9	Terminal 15, from Fuse Carrier 1ST1 in Fuse Panel C SC
10	Terminal 31, to 671 Ground Connection 1 (on left front long member)	10	Terminal 31, to 685 Ground Connection 1 (on right front long member)
11	Vehicle Electrical System Control Module J519	11	Vehicle Electrical System Control Module J519
12	Vehicle Electrical System Control Module J519	12	Vehicle Electrical System Control Module J519
13	Vehicle Electrical System Control Module J519	13	Vehicle Electrical System Control Module J519
14		14	

1.10.3 Right LED Headlamp Power Output Stage 2 -A28- / Left LED Headlamp Power Output Stage 2 -A32- , connector views, LED with laser light

Right LED Headlamp Power Output Stage 1 -A27- / Left LED Headlamp Power Output Stage 1 -A31-

14-Pin Connector -T14h- / 14-Pin Connector -T14i-



T14h (A)	Designation	T14i (A)	Designation
1	Headlamp CAN Bus High, to Headlamp Range Control Module J431	1	Headlamp CAN Bus High, to Headlamp Range Control Module J431
2	Headlamp CAN Bus High, to Headlamp Range Control Module J431	2	Headlamp CAN Bus High, to Headlamp Range Control Module J431
3	Vehicle Electrical System Control Module J519	3	Vehicle Electrical System Control Module J519
4	Sequential indicator coding lead, to B467 Connection 3 (in main wiring harness)	4	Sequential indicator coding lead, to B467 Connection 3 (in main wiring harness)
5	Terminal 31, to 671 Ground Connection 1 (on left front long member)	5	Terminal 31, to 377 Ground Connection 12 (in main wiring harness) 656 Ground connection on right headlamp
6	Vehicle Electrical System Control Module J519	6	Vehicle Electrical System Control Module J519
7	Vehicle Electrical System Control Module J519	7	Vehicle Electrical System Control Module J519
8	Terminal 15, from Fuse Carrier 1ST1 in Fuse Panel C SC	8	Terminal 15, from Fuse Carrier 1ST1 in Fuse Panel C SC
9	Vehicle Electrical System Control Module J519	9	Vehicle Electrical System Control Module J519
10	Terminal 31, to 671 Ground Connection 1 (on left front long member)	10	Terminal 31, to 685 Ground Connection 1 (on right front long member)
11	Vehicle Electrical System Control Module J519	11	Vehicle Electrical System Control Module J519
12	Vehicle Electrical System Control Module J519	12	Vehicle Electrical System Control Module J519
13	Vehicle Electrical System Control Module J519	13	Vehicle Electrical System Control Module J519
14	LIN-Bus, to B710 LIN-Bus Connection 5 (in main wiring harness)	14	LIN-Bus, to B710 LIN-Bus Connection 5 (in main wiring harness)



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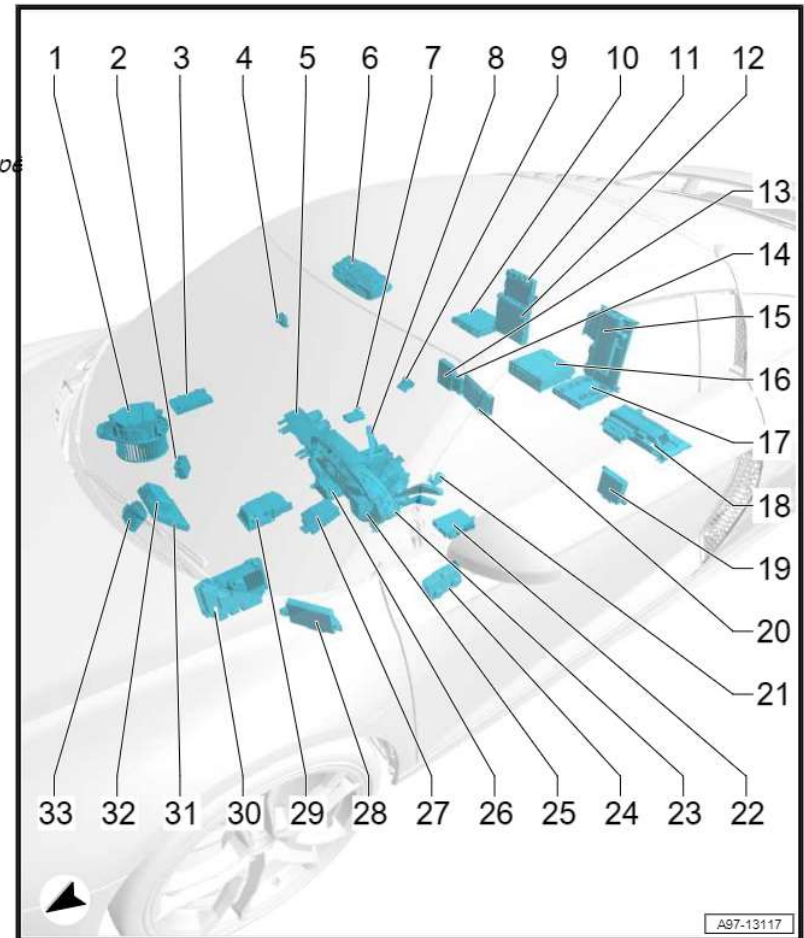
1 Comp. Loc. Vehicle Cabin Modules

1.1 Vehicle Cabin Modules Overview

Note

- ◆ The component locations of the control modules are shown on a Coupé.
- ◆ Unless otherwise specified, the component locations of the various control Modules for the Coupé

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- 1 - ⇒ ["1.3 Fresh Air Blower Control Module J126", page 6](#)
- 2 - ⇒ ["1.12 Headlamp range control module J431", page 39](#)
- 3 - ⇒ ["1.20 Chip card reader control module J676", page 68](#)
- 4 - ⇒ ["1.27 Automatic high beam assist control module J844", page 84](#)
- 5 - ⇒ ["1.2 A/C Control Head \(A/C, Climatronic\) E87", page 3](#)
- 6 - ⇒ ["1.17 Roof electronics control module J528", page 56](#)
- 7 - ⇒ ["1.21 Passenger occupant detection system control module J706", page 70](#)
- 8 - ⇒ ["1.19 Selector Lever Sensor Control Module J587", page 66](#)
- 9 - ⇒ ["1.5 Rear spoiler control module J223", page 14](#)
- 10 - ⇒ ["1.30 TV Tuner R78", page 92](#)
- 11 - ⇒ ["1.8 Convertible top control module J256", page 20](#)
- 12 - ⇒ ["1.30 TV Tuner R78", page 92](#)
- 13 - ⇒ ["1.23 Rear View Camera System Control Module J772", page 74](#)
- 14 - ⇒ ["1.31 Amplifier for Telephone R86", page 96](#)
- 15 - ⇒ ["1.15 Digital Sound System Control Module J525", page 50](#)
- 16 - ⇒ ["1.25 Control Module for Information Electronics 1 J794", page 79](#)
- 17 - ⇒ ["1.11 Comfort System Central Control Module J393", page 35](#)
- 18 - ⇒ ["1.15 Digital Sound System Control Module J525", page 50](#)
- 19 - ⇒ ["1.29 Seat belt microphone control module J886", page 89](#)
- 20 - ⇒ ["1.7 Electronic Damping Control Module J250", page 17](#)
- 21 - ⇒ ["1.13 Multi-function Steering Wheel Control Module J453", page 42](#)
- 22 -  
⇒ ["1.4 Memory Seat/Steering Column Adjustment Control Module J136 / Passenger Memory Seat Control Module J521", page 8](#)
- 23 - ⇒ ["1.16 Steering Column Electronic Systems Control Module J527", page 55](#)
- 24 -  
⇒ ["1.10 Driver's Door Control Module J386 / Front Passenger's Door Control Module J387", page 27](#)
- 25 - ⇒ ["1.9 Instrument Cluster Control Module J285", page 24](#)
- 26 - ⇒ ["1.28 Sensor electronics control module J849", page 86](#)
- 27 - ⇒ ["1.22 Electronic steering column lock control module J764", page 72](#)
- 28 - ⇒ ["1.18 Data bus on board diagnostic interface J533", page 60](#)



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- 29 - ⇒ ["1.6 Airbag Control Module J234", page 16](#)
- 30 - ⇒ ["1.24 Active steering control module J792", page 76](#)
- 31 - ⇒ ["1.14 Vehicle Electrical System Control Module J519", page 44](#)
- 32 - Not installed
- 33 - ⇒ ["1.26 Vehicle positioning system interface control module J843", page 82](#)

## 1.2 A/C Control Head (A/C, Climatronic) E87

- ◆ ⇒ ["1.2.1 A/C Control Head \(A/C, Climatronic\) E87 , location", page 4](#)
- ◆ ⇒ ["1.2.2 A/C Control Head \(A/C, Climatronic\) E87 , connector views", page 5](#)



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1.2.1 A/C Control Head (A/C, Climatronic) -E87- , location

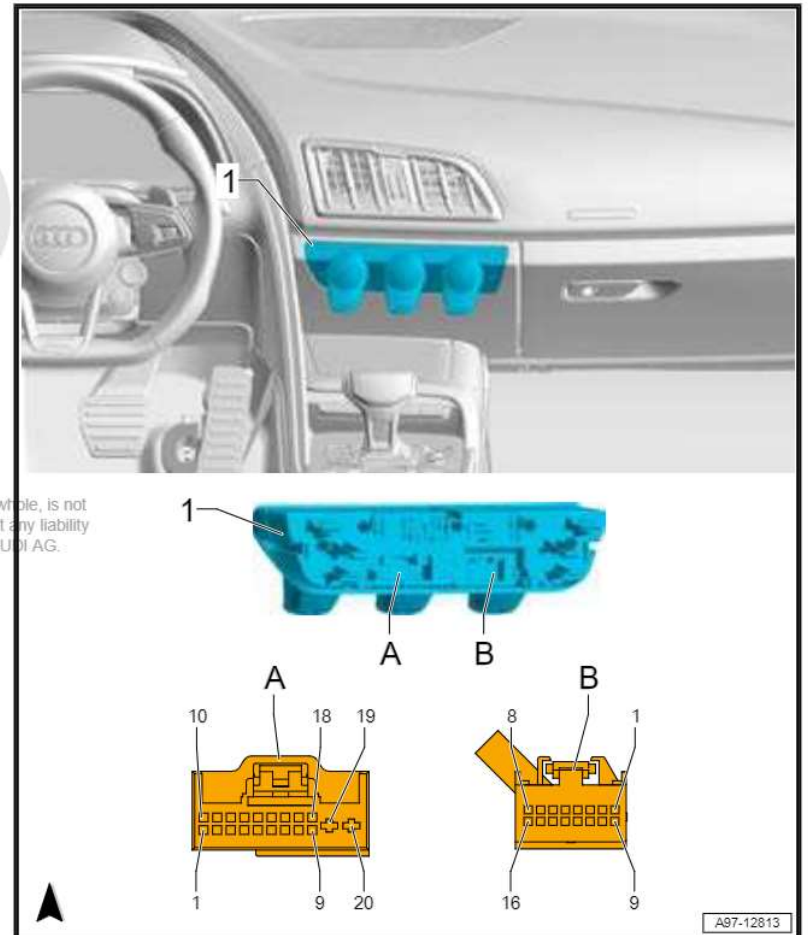
1 - A/C Control Head (A/C, Climatronic) -E87-

A - 20-Pin Connector -T20d- , black

B - 16-Pin Connector -T16i- , brown

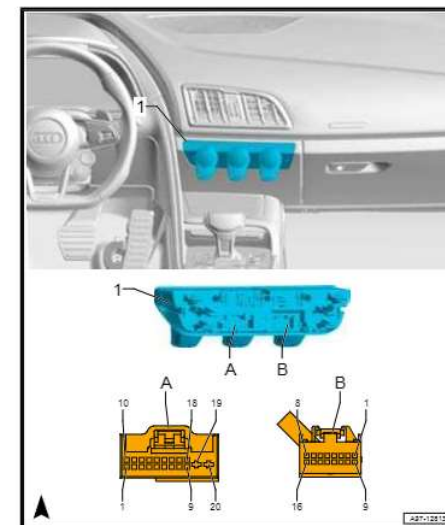


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1.2.2 A/C Control Head (A/C, Climatronic)  
-E87- , connector views

20-Pin Connector -T20d- / 16-Pin Connector -T16i-



T20d (A)	Designation	T16i (B)	Designation
1	Sunlight Photo Sensor G107	1	LIN-Bus door motors, to Footwell door motor V261
2		2	Positiv supply door motors, to L6 Connection 2 (in A/C wiring harness)
3	Sunlight Photo Sensor G107	3	Ground supply door motors, to L7 Connection 3 (in A/C wiring harness)
4		4	
5	CAN-Bus Instrument Cluster, High, to A204 CAN-Bus High Instrument Cluster Connection (in instrument panel wiring harness)	5	Evaporator Vent Temperature Sensor G263
6	CAN-Bus Instrument Cluster, Low, to A205 CAN-Bus Low Instrument Cluster Connection (in instrument panel wiring harness)	6	
7		7	
8		8	Footwell Outlet Temperature Sensor G192
9	Sunlight Photo Sensor G107	9	
10		10	
11		11	
12		12	Footwell Outlet Temperature Sensor G192 and Evaporator Vent Temperature Sensor G263
13	Left Front Upper Body Outlet Temperature Sensor G385	13	
14		14	
15	LIN-Bus, to Fresh air blower control module J126	15	
16		16	



T20d (A)	Designation	T16i (B)	Designation
17	Sunlight Photo Sensor G107 and Left Front Upper Body Outlet Temperature Sensor G385		
18			
19	Terminal 31, to 664 Ground Connection (behind instrument panel, left)		
20	Terminal 30, from Fuse Carrier 5 ST5 in Fuse Panel C SC		

### 1.3 Fresh Air Blower Control Module J126

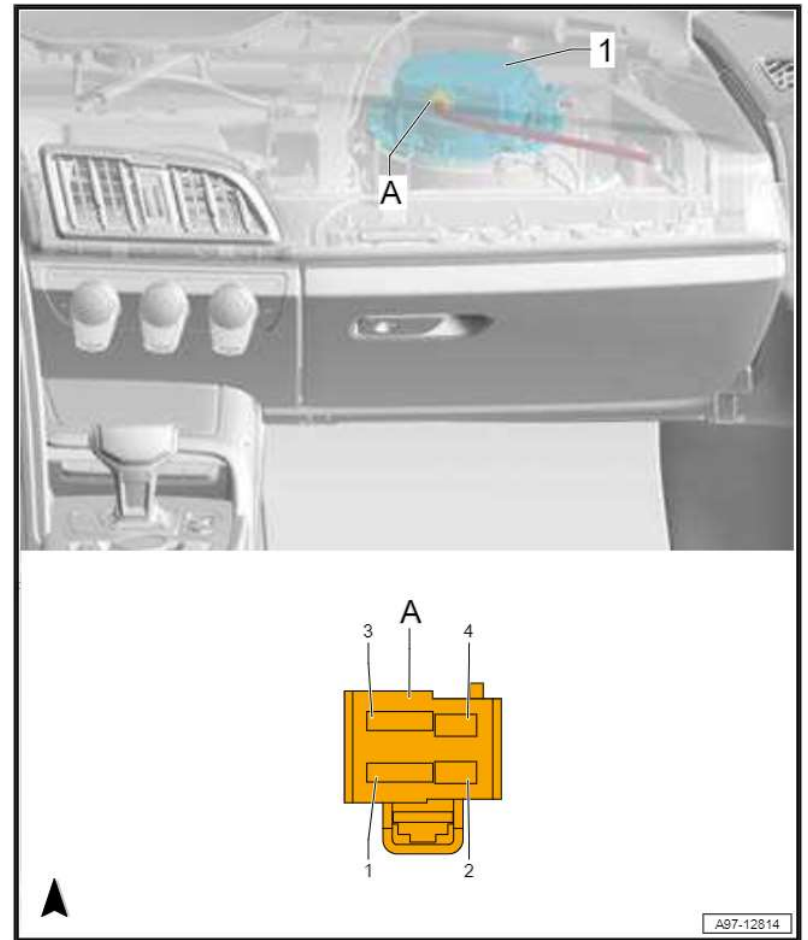
- ◆ ⇒ ["1.3.1 Fresh Air Blower Control Module J126 , location ", page 6](#)
- ◆ ⇒ ["1.3.2 Fresh Air Blower Control Module J126 , connector views", page 8](#)

#### 1.3.1 Fresh Air Blower Control Module -J126- , location

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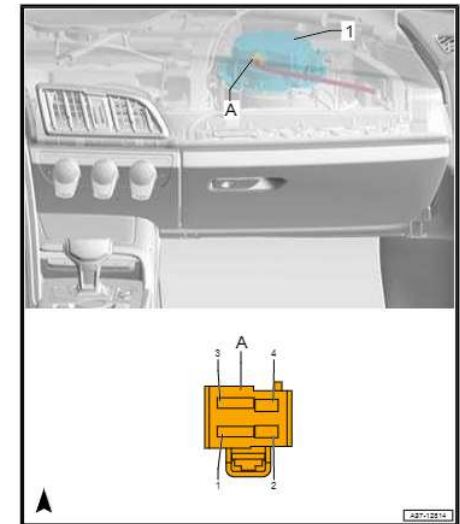
1 - Fresh Air Blower Control Module -J126-

A - 4-Pin Connector -T4ar- , black



1.3.2 Fresh Air Blower Control Module  
-J126- , connector views

4-Pin Connector -T4ar-



T4ar (A)	Designation
1	Terminal 31, to 638 Ground Connection (on right A-pillar)
2	
3	Terminal 30, from Fuse Carrier 2 ST2 in Fuse Panel C SC
4	LIN-Bus, from A/C Control Head (A/C, Climatronic) E87

1.4 Memory Seat/Steering Column Adjustment Control Module J136 / Passenger Memory Seat Control Module J521

- ◆ ⇒ ["1.4.1 Memory Seat/Steering Column Adjustment Control Module J136 , location", page 8](#)
- ◆ ⇒ ["1.4.2 Memory Seat/Steering Column Adjustment Control Module J136 , connector views, T26b", page 10](#)
- ◆ ⇒ ["1.4.3 Memory Seat/Steering Column Adjustment Control Module J136 , connector views, T16k, T12n", page 11](#)
- ◆ ⇒ ["1.4.4 Memory Seat/Steering Column Adjustment Control Module J136 , connector views, T26c", page 12](#)
- ◆ ⇒ ["1.4.5 Memory Seat/Steering Column Adjustment Control Module J136 , connector views, T16l, T12o", page 13](#)

1.4.1 Memory Seat/Steering Column Adjustment Control Module -J136- , location

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1 - Memory Seat/Steering Column Adjustment Control Module -J136-

1 - Passenger Memory Seat Control Module -J521-

A - 26-Pin Connector -T26b- , black

A - 26-Pin Connector -T26c- , black

B - 16-Pin Connector -T16k- , black

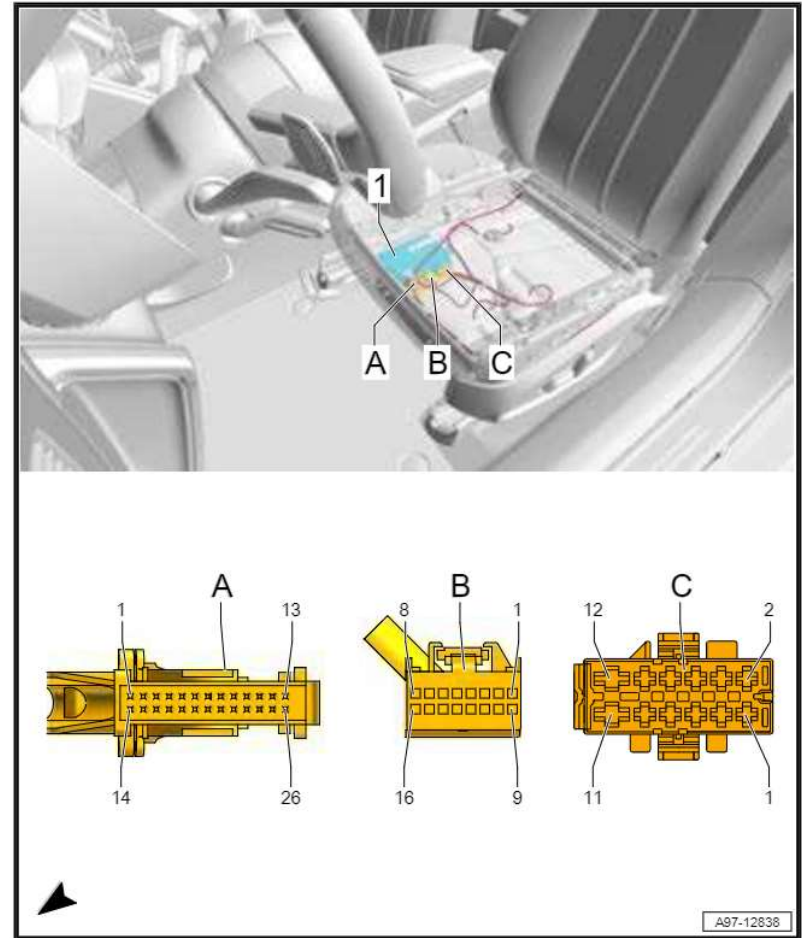
B - 16-Pin Connector -T16l- , black

C - 12-Pin Connector -T12n- , black

C - 12-Pin Connector -T12o- , black

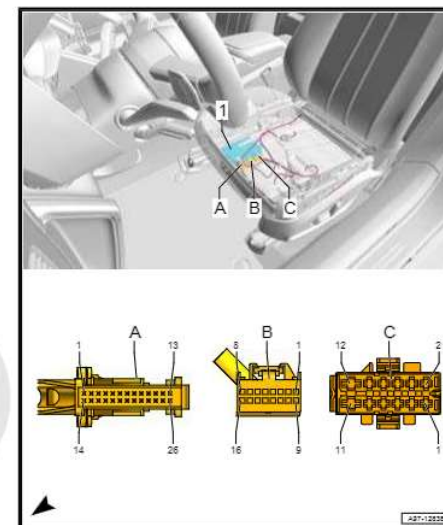


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1.4.2 Memory Seat/Steering Column Adjustment Control Module -J136- , connector views, T26b

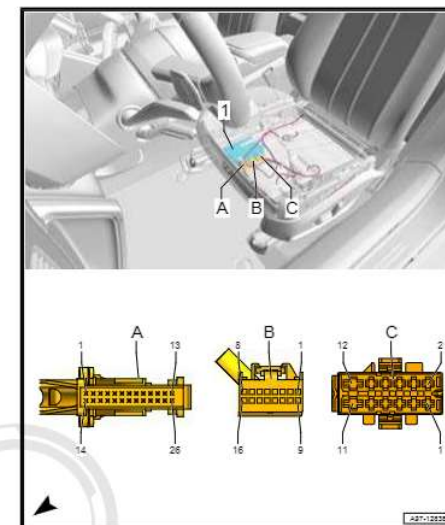
26-Pin Connector -T26b-



T26b (A)	Designation	T26b (A)	Designation
1	Valve for upper Air Cushion of Driver Side Lumbar Support N715	14	
2	Valve for upper Air Cushion of Driver Side Lumbar Support N715	15	
3	Valve for lower Air Cushion of Driver Side Lumbar Support N714	16	
4	Valve for lower Air Cushion of Driver Side Lumbar Support N714	17	Ground Supply for Valves N716/ N717
5	Ground Supply for Valves Valve for upper Air Cushion of Driver Side Lumbar Support N715 and Pressure Sensors G945/ G946	18	Ground wire, to 140 Ground Connection 2 (in power seat wiring harness)
6		19	Seat depth adjustment sensor G378
7	Positive supply for pressure sensors G945/ G946	20	Driver's Seat Fore and Aft Adjustment Sensor G218
8	Driver multicontour seat compressor V439	21	Driver's Seat Tilt Adjustment Sensor G232
9	Driver multicontour seat compressor V439	22	Driver's Seat Height Adjustment Sensor G231
10	Valve for Air Cushion of Backrest Side Bolsters on Driver Side N717	23	Driver's Backrest Adjustment Sensor G219
11	Valve for Air Cushion of Backrest Side Bolsters on Driver Side N717	24	
12	Valve for Air Cushion of Seat Bolsters on Driver Side N716	25	Pressure Sensor 2 in Driver Seat G946
13	Valve for Air Cushion of Seat Bolsters on Driver Side N716	26	Pressure Sensor 1 in Driver Seat G945

1.4.3 Memory Seat/Steering Column Adjustment Control Module -J136- , connector views, T16k, T12n

12-Pin Connector -T12n- / 16-Pin Connector -T12k-

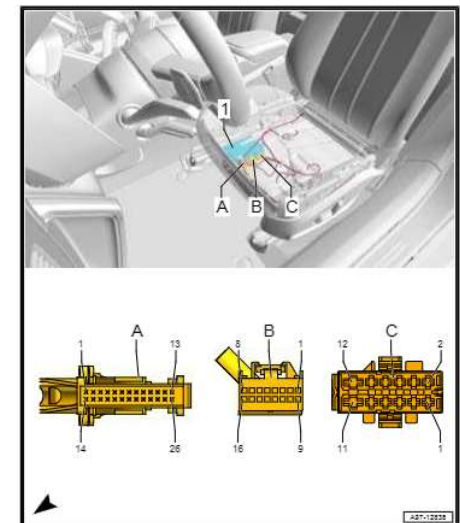


T16k (B)	Designation	T12n (C)	Designation
1	Driver's Seat Tilt Adjustment Switch E222 in Driver seat adjustment control head E470	1	Driver's Seat Inclination Adjustment Motor V243
2	Driver's Seat Height Adjustment Switch E364 in Driver seat adjustment control head E470	2	Driver's Seat Inclination Adjustment Motor V243
3	Driver's Backrest Adjustment Switch E96 in Driver seat adjustment control head E470	3	Driver's Seat fore/aft Adjustment Motor V28
4	Coding line to contact 12 in connector T16k	4	Driver's Seat fore/aft Adjustment Motor V28
5	Comfort System CAN-Bus Low, to B406 Comfort System CAN-Bus Low Connection 1 (in main wiring harness)	5	Driver's Backrest Adjustment Motor V45
6	Comfort System CAN-Bus High, to B397 Comfort System CAN-Bus High Connection 1 (in main wiring harness)	6	Driver's Backrest Adjustment Motor V45
7		7	Driver's Seat Height Adjustment Motor V245
8		8	Driver's Seat Height Adjustment Motor V245
9	Seat Depth Adjustment Button E350 in Driver seat adjustment control head E470	9	Driver seat depth adjustment motor V256
10	Driver's Seat Fore/Aft Switch E363 in Driver seat adjustment control head E470	10	Driver seat depth adjustment motor V256
11	Ground wire, to M10 Connection 1 (in driver's seat adjustment wiring harness)	11	Terminal 31, to 639 Ground Connection (on left A-pillar)
12	Coding line to contact 4 in connector T16k	12	Terminal 30 from Driver's Power Seat Adjustment Circuit Breaker 1S44 on Relay and fuse carrier 3 SR3

T16k (B)	Designation	T12n (C)	Designation
13	Lumbar Support Height Adjustment Button E335 in Driver seat switch module E663		
14	Lumbar Support Fore/Aft Adjustment Button E336 in Driver seat switch module E663		
15	Driver Seat Bolster Inflation Adjustment Button E587 in Driver seat switch module E663		
16	Driver's Seat Backrest Bolster Adjustment Button E589 in Driver seat switch module E663		

1.4.4 Memory Seat/Steering Column Adjustment Control Module -J136- , connector views, T26c

26-Pin Connector -T26c-



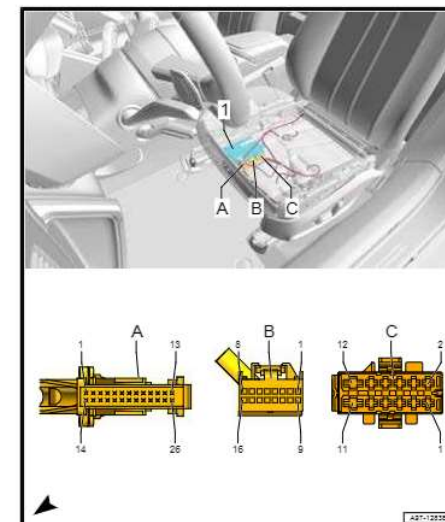
T26c (A)	Designation	T26c (A)	Designation
1	Valve for upper Air Cushion of Front Passenger Side Lumbar Support N719	14	
2	Valve for upper Air Cushion of Front Passenger Side Lumbar Support N719	15	
3	Valve for lower Air Cushion of Front Passenger Side Lumbar Support N718	16	
4	Valve for lower Air Cushion of Front Passenger Side Lumbar Support N718	17	Ground Supply for Valves N720/N721
5	Ground Supply for Valves N718/ N719 and Pressure Sensors G947/ G948	18	Ground wire, to 413 Ground Connection 4 (in power seat wiring harness)

T26c (A)	Designation	T26c (A)	Designation
6		19	Front passenger seat depth adjustment sensor G724
7	Positive supply for Pressure Sensors G947/G948	20	Front Passenger's Seat Fore/Aft Adjustment Sensor G278
8	Front passenger multicontour seat compressor V440	21	Front Passenger's Seat Tilt Adjustment Sensor G359
9	Front passenger multicontour seat compressor V440	22	Front Passenger's Seat Height Adjustment Sensor G607
10	Valve for Air Cushion of Backrest Side Bolsters on Front Passenger Side N721	23	Front Passenger's Backrest Adjustment Sensor G279
11	Valve for Air Cushion of Backrest Side Bolsters on Front Passenger Side N721	24	
12	Valve for Air Cushion of Seat Bolsters on Front Passenger Side N720	25	Pressure Sensor 2 in Front Passenger Side G948
13	Valve for Air Cushion of Seat Bolsters on Front Passenger Side N720	26	Pressure Sensor 1 in Front Passenger Side G947

### 1.4.5 Memory Seat/Steering Column Adjustment Control Module -J136-, connector views. T16l, T12o

16-Pin Connector -T16l- / 12-Pin Connector -T12o-

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T16l (B)	Designation	T12o (C)	Designation
1	Front Passenger's Seat Tilt Adjustment Button E334 in Front passenger seat adjustment control head E471	1	Front Passenger's Seat Inclination Adjustment Motor V244
2	Front Passenger's Seat Height Adjustment Switch E365 in Front passenger seat adjustment control head E471	2	Front Passenger's Seat Inclination Adjustment Motor V244
3	Passenger Backrest Adjustment Switch E98 in Front passenger seat adjustment control head E471	3	Front Passenger's Seat Fore/Aft Adjustment Motor V31
4	Coding line to contact 12 in connector T16l	4	Front Passenger's Seat Fore/Aft Adjustment Motor V31



T16l (B)	Designation	T12o (C)	Designation
5	Comfort System CAN-Bus Low, to B407 Comfort System CAN-Bus Low Connection 2 (in main wiring harness)	5	Front Passenger's Backrest Adjustment Motor V46
6	Comfort System CAN-Bus High, to B398 Comfort System CAN-Bus High Connection 2 (in main wiring harness)	6	Front Passenger's Backrest Adjustment Motor V46
7		7	Front Passenger's Seat Height Adjustment Motor V246
8		8	Front Passenger's Seat Height Adjustment Motor V246
9	Front Passenger Seat Depth Adjustment Button E867 in Front passenger seat adjustment control head E471	9	Front passenger seat depth adjustment motor V257
10	Front Passenger's Seat Fore/Aft Adjustment Switch E64 in Front passenger seat adjustment control head E471	10	Front passenger seat depth adjustment motor V257
11	Ground wire, to M18 Connection 1 (in front passenger's seat adjustment wiring harness)	11	Terminal 31, to 751 Ground Connection 2 (on right A-pillar)
12	Coding line to contact 4 in connector T16l	12	Terminal 30, from Front Passenger's Power Seat Adjustment Circuit Breaker 1 S46 on Relay and fuse carrier 3 SR3
13	Front Passenger Side Lumbar Support Height Adjustment Button E882 in Front passenger seat switch module E664		
14	Front Passenger Lumbar Support Fore/Aft Adjustment Button E883 in Front passenger seat switch module E664		
15	Front Passenger Seat Bolster Inflation Adjustment Button E588 in Front passenger seat switch module E664		
16	Front Passenger's Seat Backrest Bolster Adjustment Button E590 in Front passenger seat switch module E664		

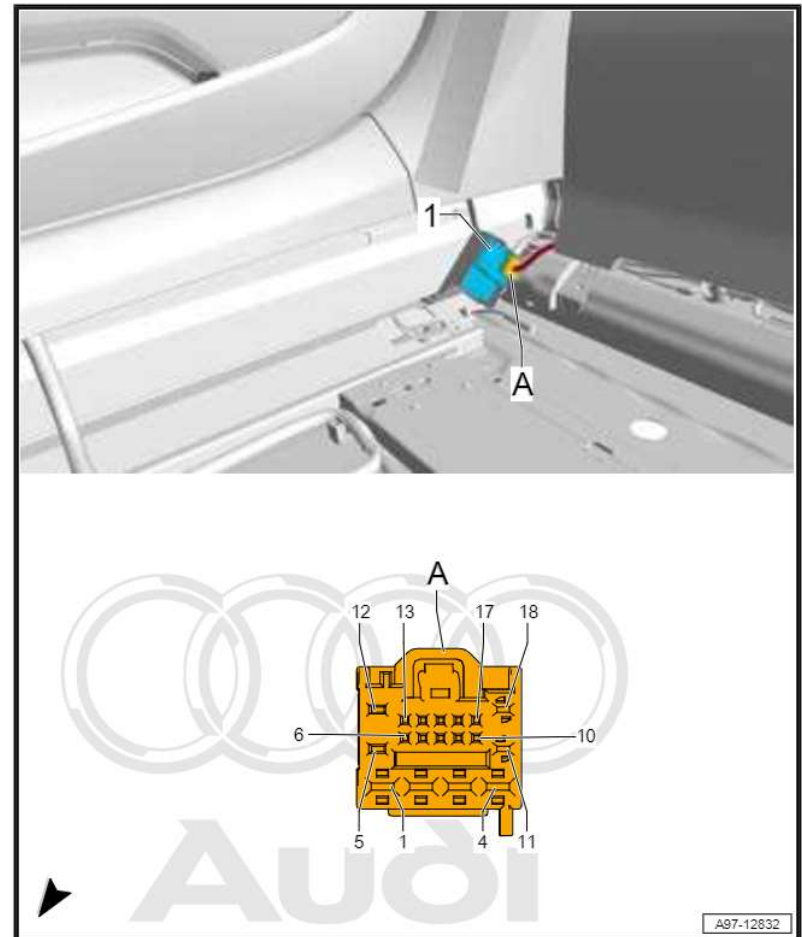
## 1.5 Rear spoiler control module J223

- ◆ ⇒ ["1.5.1 Rear spoiler control module J223 , location", page 14](#)
- ◆ ⇒ ["1.5.2 Rear spoiler control module J223 , connector views", page 16](#)

### 1.5.1 Rear spoiler control module -J223- , location

1 - Rear Spoiler Control Module -J223-

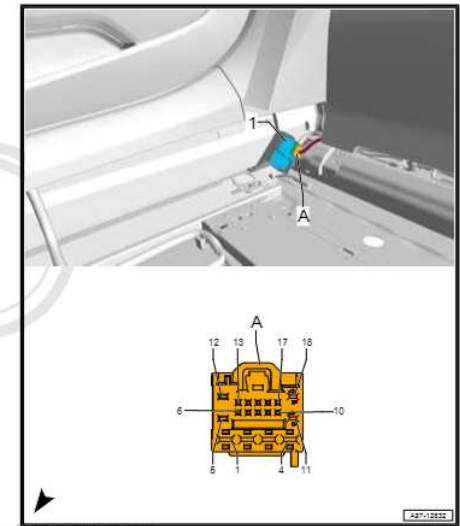
A - 18-Pin Connector -T18a- , brown



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1.5.2 Rear spoiler control module -J223- , connector views

18-Pin Connector -T18a-



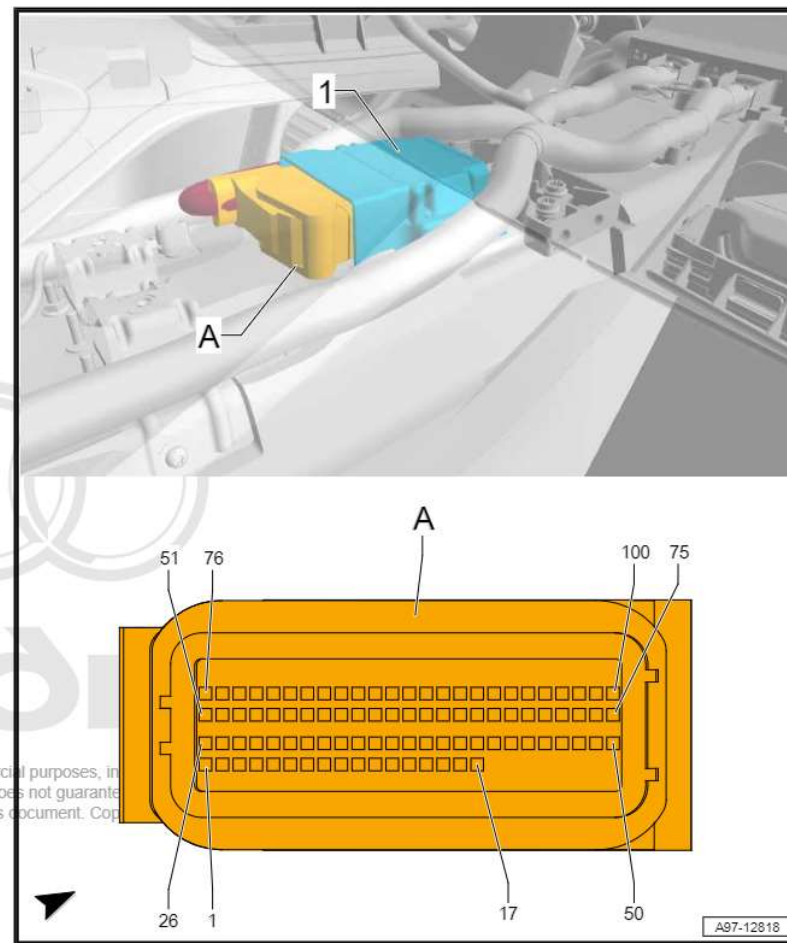
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T18a (A)	Designation	T18a (A)	Designation
1		10	Rear Spoiler VX73
2	Rear Spoiler Motor V52 in Rear Spoiler VX73	11	Rear Spoiler Stop Switch 1 F135 in Rear Spoiler VX73
3	Terminal 31, to 35 Ground Connection (below front passenger's seat)	12	Rear Spoiler Switch E127 in Switch Module, instrument panel, center EX22
4	Terminal 30, from Fuse Carrier 2 ST2 in Fuse Panel D SD	13	
5	Rear Spoiler Motor V52 in Rear Spoiler VX73	14	
6	Rear Spoiler Switch E127 in Switch Module, instrument panel, center EX22	15	
7	LIN-Bus, from Comfort system central control module J393	16	
8		17	Rear Spoiler Stop Switch 2 F136 in Rear Spoiler VX73
9		18	Rear Spoiler VX73

1.6 Airbag Control Module J234

1 - Airbag Control Module -J234-

A - 100-Pin Connector -T100a- , yellow



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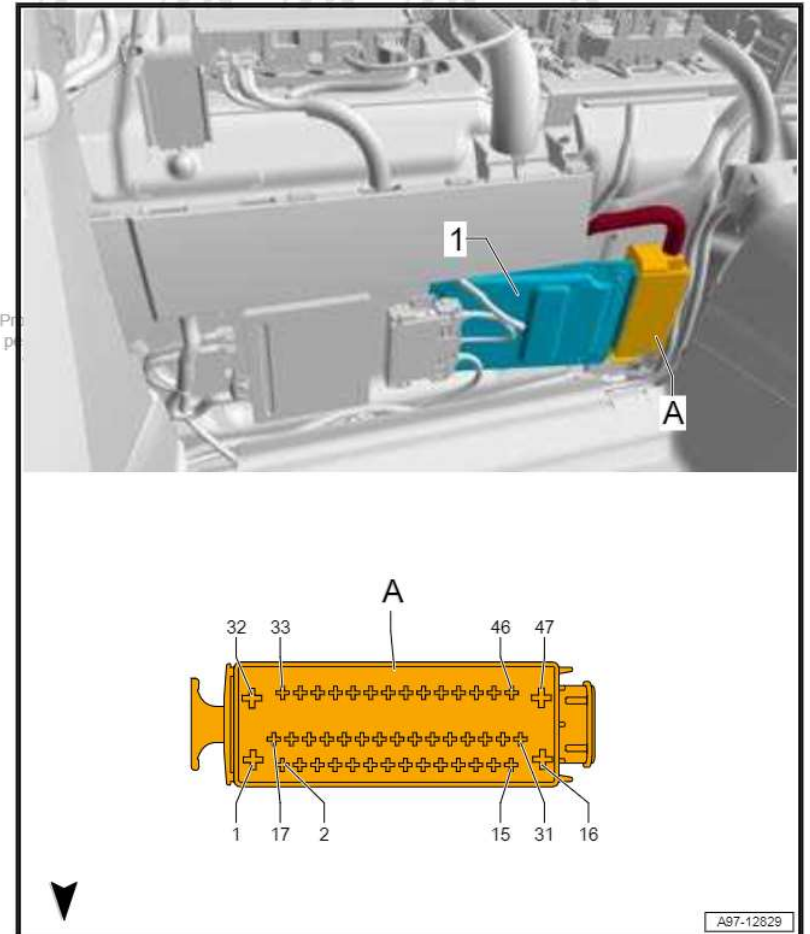
### 1.7 Electronic Damping Control Module J250

- ◆ ⇒ ["1.7.1 Electronic Damping Control Module J250 , location", page 18](#)
- ◆ ⇒ ["1.7.2 Electronic Damping Control Module J250 , connector views", page 19](#)

1.7.1 Electronic Damping Control Module -J250- , location

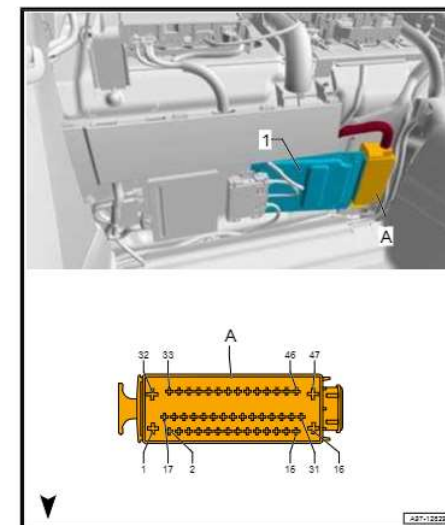
1 - Electronic Damping Control Module -J250-

A - 47-Pin Connector -T47b- , black



1.7.2 Electronic Damping Control Module  
-J250-, connector views

47-Pin Connector -T47b-



T47b (A)	Designation	T47b (A)	Designation	T47b (A)	Designation
1	Terminal 15, from Fuse Carrier 2 ST21 in Fuse Panel D SD	17	Left Rear Level Control System Sensor G76	33	Left Rear Level Control System Sensor G76
2	Left Rear Level Control System Sensor G76	18	Right Front Level Control Sensor G289	34	Right Front Level Control Sensor G289
3	Right Front Level Control Sensor G289	19		35	Right Rear Level Control System Sensor G77
4		20	Right Rear Level Control System Sensor G77	36	Left Front Level Control System Sensor G78
5	Right Rear Level Control System Sensor G77	21	Left Front Level Control System Sensor G78	37	CAN-Bus suspension sensor Low, to B783 Suspension sensor CAN bus low connection 2 (in main wiring harness)
6	Left Front Level Control System Sensor G78	22		38	CAN-Bus suspension sensor High, to B773 Suspension sensor CAN bus high connection 2 (in main wiring harness)
7		23		39	
8		24		40	
9		25		41	
10		26		42	Left Rear Dampening Adjustment Valve N338
11		27	Right Front Dampening Adjustment Valve N337	43	Left Rear Dampening Adjustment Valve N338

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T47b (A)	Designation	T47b (A)	Designation	T47b (A)	Designation
12		28	Right Front Dampening Adjustment Valve N337	44	
13		29		45	Right Rear Dampening Adjustment Valve N339
14		30	Left Front Dampening Adjustment Valve N336	46	Right Rear Dampening Adjustment Valve N339
15		31	Left Front Dampening Adjustment Valve N336	47	Terminal 30, from Fuse Carrier 1 ST1 in Fuse Panel D SD
16	Terminal 31, to 35 Ground Connection (below front passenger's seat)	32			

## 1.8 Convertible top control module J256

◆ ⇒ ["1.8.1 Convertible top control module J256 , location", page 20](#)

◆ ⇒ ["1.8.2 Convertible top control module J256 , connector views, T6ak, T6z", page 22](#)

◆ ⇒ ["1.8.3 Convertible top control module J256 , connector views, T20h, T10q, T10p", page 23](#)

### 1.8.1 Convertible top control module -J256- , location



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1 - Convertible Top Control Module -J256-

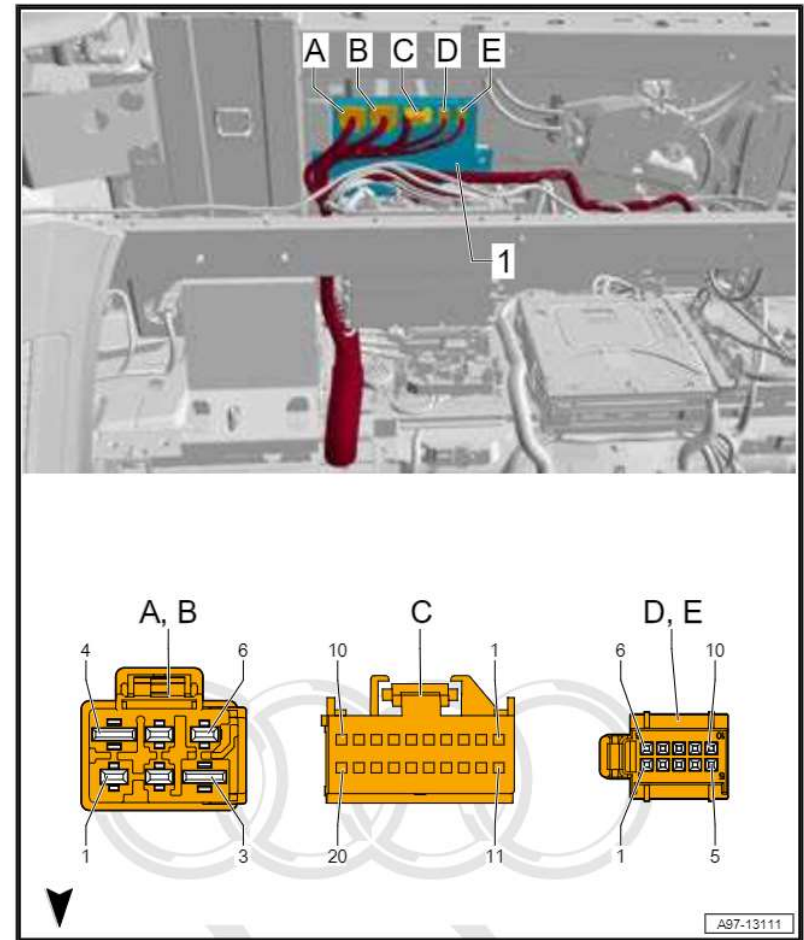
A - 6-Pin Connector -T6ak- , black

B - 6-Pin Connector -T6z- , brown

C - 20-Pin Connector -T20h- , red

D - 10-Pin Connector -T10q- , black

E - 10-Pin Connector -T10p- , red



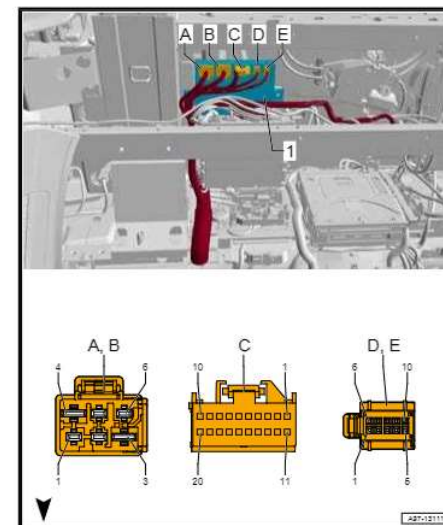


1.8.2 Convertible top control module -J256- , connector views, T6ak, T6z

6-Pin Connector -T6ak- / 6-Pin Connector -T6z-



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T6ak (A)	Designation	T6z (B)	Designation
1		1	Rear Window Motor V456
2	Left Top Flap Motor V383	2	Right Top Flap Motor V381
3	Terminal 30, from Fuse Carrier 1 ST1 in Fuse Panel D SD	3	
4	Terminal 31, to 35 Ground Connection (below front passenger's seat)	4	Rear Window Motor V456
5	Left Top Flap Motor V383	5	Right Top Flap Motor V381
6	Terminal 30, from Fuse Carrier 1 ST1 in Fuse Panel D SD	6	

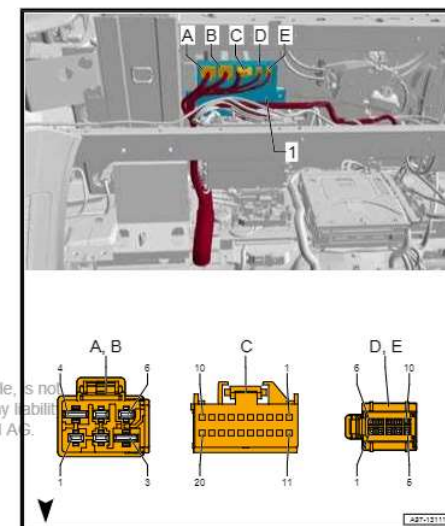
1.8.3 Convertible top control module -J256- , connector views, T20h, T10q, T10p

10-Pin Connector -T10p- / 10-Pin Connector -T10q- / 20-Pin Connector -T20h-



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T20h (C)	Designation	T10q (D)	Designation	T10p (E)	Designation
1	Power Convertible Top Valve 1 N272	1		1	
2	Power Convertible Top Valve 2 N341	2	Camshaft Position (CMP) Sensor, rear window motor G952	2	
3	Power Convertible Top Valve 3 N342	3	Camshaft Position (CMP) Sensor 2, rear window moto G953	3	Power Convertible Top Valve 5 N504
4	Power Convertible Top Valve 4 N503	4		4	Convertible Top Hydraulic Pump Relay J321
5	Convertible Top Operation Switch E137	5		5	Convertible Top Hydraulic Pump Relay 2 J588
6	Rear Window Opening Button E361	6	17-Pin Connector T17v contact 5	6	Convertible Top Hydraulic Pump Relay J321
7	Convertible Roof Flap Extended Switch, right F426/Convertible Roof Flap Extended Switch, left F427	7	4-Pin Connector T4dh contact 4	7	Convertible Top Hydraulic Pump Relay 2 J588
8	Positiv supply for rear window/convertible top sensors	8	4-Pin Connector T4dh contact 2	8	Convertible Top Compartment Unlocked Switch, right F422
9	Positiv supply for convertible top compartment cover sensors	9	Left Convertible Top Compartment Unlocked Switch F418	9	Convertible Top Compartment Locked Switch, right F421
10		10	Left Convertible Top Compartment Locked Switch F417	10	Lower Rear Window Switch F416
11	Comfort System CAN-Bus Low, to B407 Comfort System CAN-Bus Low Connection 2 (in main wiring harness)				

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T20h (C)	Designation	T10q (D)	Designation	T10p (E)	Designation
12	Comfort System CAN-Bus High, to B398 Comfort System CAN-Bus High Connection 2 (in main wiring harness)				
13	Left Convertible Top Compartment Center Position Switch F428/Convertible Top Flap Centre Position Switch, right F429				
14	Convertible Roof Flap Retracted Switch, left F424/Convertible top flap retracted switch, right F425				
15	17-Pin Connector T17v contact 6				
16	17-Pin Connector T17v contact 1				
17	17-Pin Connector T17v contact 2				
18	Convertible top locking readiness switch F542				
19	17-Pin Connector T17v contact 3				
20	17-Pin Connector T17v contact 4				

## 1.9 Instrument Cluster Control Module J285

- ◆ ⇒ ["1.9.1 Instrument Cluster Control Module J285 , location", page 24](#)
- ◆ ⇒ ["1.9.2 Instrument Cluster Control Module J285 , connector views", page 26](#)

### 1.9.1 Instrument Cluster Control Module -J285- , location

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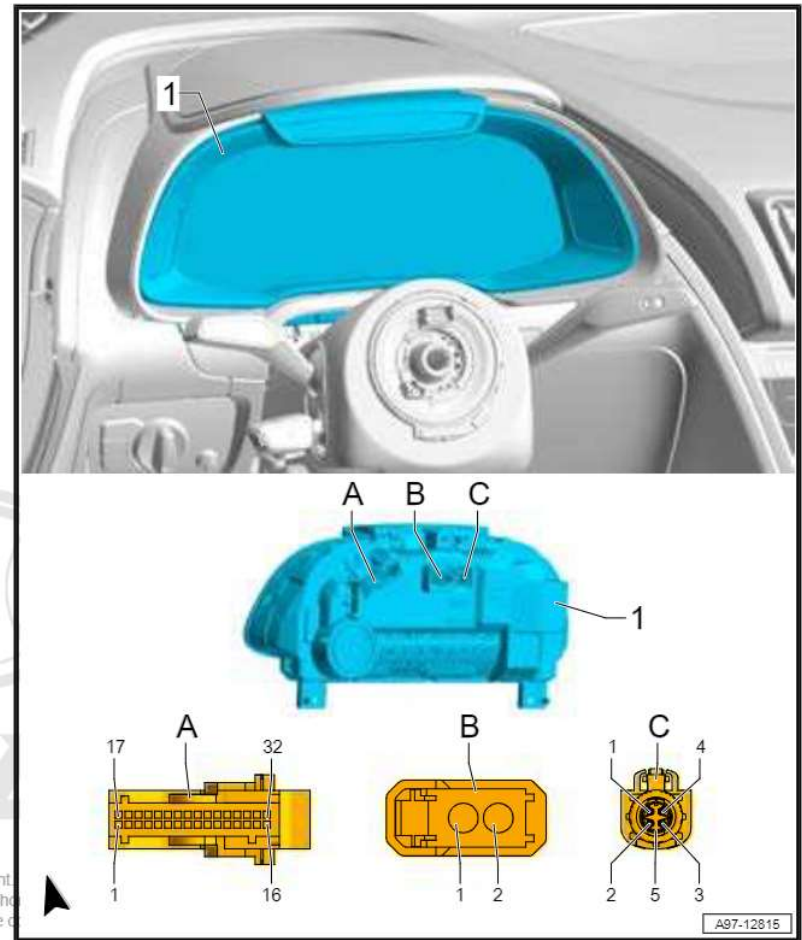
1 - Instrument Cluster Control Module -J285-

A - 32-Pin Connector -T32k- , grey

B - Double Connector -T2ee- , black

□ MOST Bus

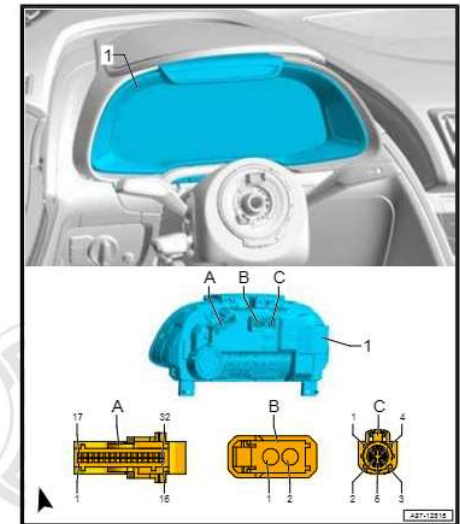
C - 5-Pin Connector -T5ag- , black



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1.9.2 Instrument Cluster Control Module  
-J285- , connector views

32-Pin Connector -T32k-



T32k (A)	Designation	T32k (A)	Designation	T32k (A)	Designation
1	Ringbreak diagnosis, to B444 OBD connection 1 (in main wiring harness)	12		23	
2		13		24	
3	CAN-Bus Instrument Cluster, Low, to A205 CAN-Bus Low Instrument Cluster Connection (in instrument panel wiring harness)	14		25	CAN Bus, Control Module for Information Electronics 1 Low, to E147 Connection 1 (CAN Bus, Control Module for Information Electronics 1, Low)
4	CAN-Bus Instrument Cluster, High, to A204 CAN-Bus High Instrument Cluster Connection (in instrument panel wiring harness)	15		26	CAN Bus, Control Module for Information Electronics 1 High, to E145 Connection 1 (CAN Bus, Control Module for Information Electronics 1, High)
5	Ground Supply Fuel Level Sensor	16		27	
6	Fuel Level Sensor G	17		28	
7	Fuel Level Sensor 2 G169	18		29	
8	Instrument Cluster Operation Button E493	19		30	Terminal 31, to 664 Ground Connection (behind instrument panel, left)
9	Fuel Level Sensor 3 G237	20		31	
10	Fuel Level Sensor 4 G393	21		32	Terminal 30, from Fuse Carrier 3 ST3 in Fuse Panel C SC
11		22			

## 1.10 Driver's Door Control Module J386 / Front Passenger's Door Control Module J387

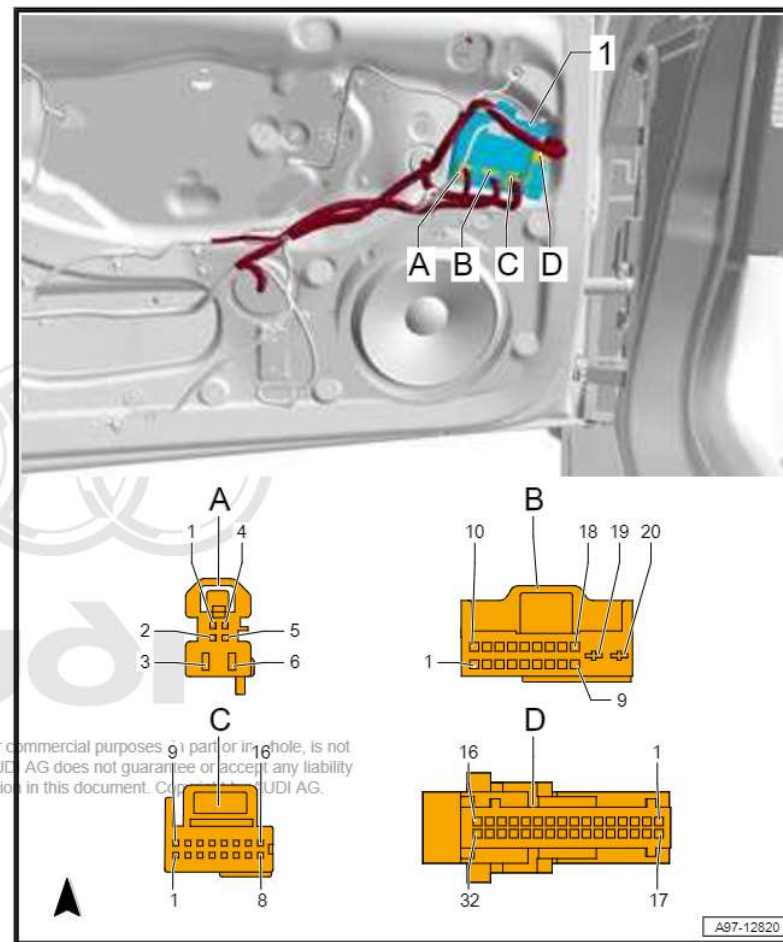
- ◆ ⇒ ["1.10.1 Driver's Door Control Module J386 / Front Passenger's Door Control Module J387 , location", page 27](#)
- ◆ ⇒ ["1.10.2 Driver's Door Control Module J386 , connector views, T6m, T20b", page 29](#)
- ◆ ⇒ ["1.10.3 Driver's Door Control Module J386 , connector views, T32h, T16g", page 30](#)
- ◆ ⇒ ["1.10.4 Front Passenger's Door Control Module J387 , connector views, T6n, T20c", page 32](#)
- ◆ ⇒ ["1.10.5 Front Passenger's Door Control Module J387 , connector views, T16h, T32i", page 33](#)

### 1.10.1 Driver's Door Control Module -J386- / Front Passenger's Door Control Module -J387- , location



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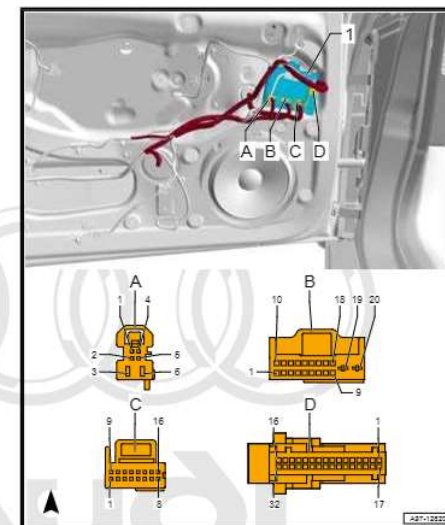
- 1 - Driver's Door Control Module -J386-
- Front Passenger's Door Control Module -J387-
- A - 6-Pin Connector -T6m- , black
- A - 6-Pin Connector -T6n- , black
- B - 20-Pin Connector -T20b- , black
- B - 20-Pin Connector -T20c- , black
- C - 16-Pin Connector -T16g- , black
- C - 16-Pin Connector -T16h- , black
- D - 32-Pin Connector -T32h- , blue
- D - 32-Pin Connector -T32i- , blue



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1.10.2 Driver's Door Control Module -J386- , connector views, T6m, T20b

6-Pin Connector -T6m- / 20-Pin Connector -T20b-



T6m (A)	Designation	T20b (B)	Designation
1		1	Driver Lock Cylinder Contact Switch F241 in Driver's Door Central Locking Lock Unit F220
2		2	Microswitch for Lowering Driver Window E621
3	Driver's Window Regulator Motor V147	3	
4		4	
5		5	Driver's Door Contact Switch F2 in Driver's Door Central Locking Lock Unit F220
6	Driver's Window Regulator Motor V147	6	Left Front Central Locking System Actuator F131 in Driver's Door Central Locking Lock Unit F220
		7	
		8	Mirror Dimming Signal Line, to B427 Mirror auto-dimming signal connection 1 (in main wiring harness)
		9	
		10	
		11	Driver's Door Central Locking (Safe) Motor V161/Driver side central locking motor V503 in Driver's Door Central Locking Lock Unit F220
		12	Driver's Door Central Locking (Safe) Motor V161 in Driver's Door Central Locking Lock Unit F220
		13	Driver side central locking motor V503 in Driver's Door Central Locking Lock Unit F220

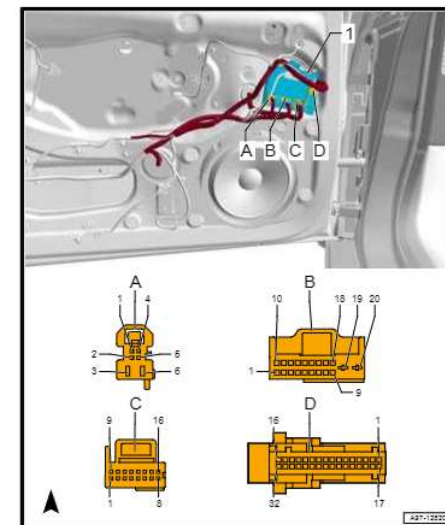


T6m (A)	Designation	T20b (B)	Designation
		14	Comfort System CAN-Bus Low, to B406 Comfort System CAN-Bus Low Connection 1 (in main wiring harness)
		15	Comfort System CAN-Bus High, to B397 Comfort System CAN-Bus High Connection 1 (in main wiring harness)
		16	
		17	Mirror Dimming Signal Line, to B428 Mirror auto-dimming signal connection 2 (in main wiring harness)
		18	
		19	Terminal 30, from Fuse Carrier 5 ST5 in Fuse Panel C SC
		20	Terminal 31, to 639 Ground Connection (on left A-pillar)

### 1.10.3 Driver's Door Control Module -J386- ,

connector views T32h, T16g  
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### 32-Pin Connector -T32h- / 16-Pin Connector -T16g-



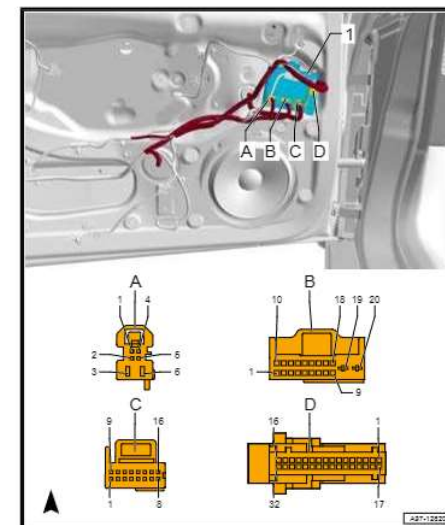
T16g (C)	Designation	T32h (D)	Designation
1		1	Central Locking -SAFE- Indicator Lamp K133
2	Driver's Automatic Day/Night Outside Mirror Y20	2	
3	Ground wire, to 107 Ground connection (in exterior mirror wiring harness)	3	Driver's Inside Door Handle Illumination L146
4		4	Switch Illumination, to R95 Connection 2 (in driver's door wiring harness)

T16g (C)	Designation	T32h (D)	Designation
5	Ground Supply Driver Mirror Adjustment Motors	5	Ground wire, to 205 Ground Connection (in Driver's door wiring harness)
6	Driver's Automatic Day/Night Outside Mirror Y20	6	
7	Driver mirror adjustment motor V149	7	
8	Driver mirror adjustment motor V17	8	
9	Driver's Mirror Fold-in Motor V121	9	
10	Driver's Mirror Fold-in Motor V121	10	Alarm System -Off- Switch E217
11	Driver's Exterior Mirror Turn Signal Lamp L131	11	
12		12	
13		13	Driver interior locking button E308
14		14	
15	Driver's Heated Outside Mirror Z4	15	
16		16	Terminal 58, to R65 Positive connection (58) (in driver door wiring harness)
		17	
		18	
		19	
		20	Alarm System -Off- Switch E217
		21	
		22	
		23	Rear Lid Remote Control Lock Switch E233
		24	Mirror Adjustment Switch E43
		25	Mirror Selector Switch E48
		26	
		27	
		28	Driver interior locking button E308
		29	
		30	
		31	Driver's Right Front Window Regulator Switch E81 in Window Regulator Control Head (in driver's door) E512
		32	Left Front Window Regulator Switch E40 in Window Regulator Control Head (in driver's door) E512

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1.10.4 Front Passenger's Door Control Module  
-J387- , connector views, T6n, T20c

6-Pin Connector -T6n- / 20-Pin Connector -T20c-

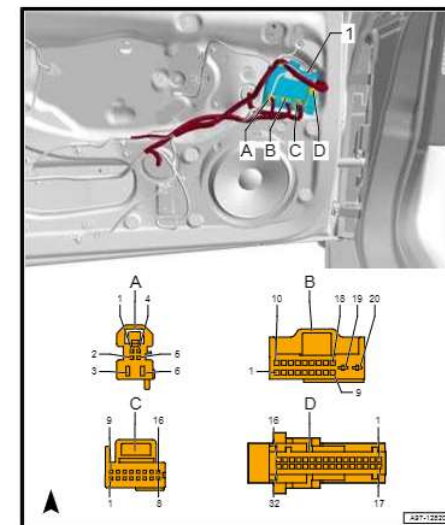


T6n (A)	Designation	T20c (B)	Designation
1		1	
2		2	Microswitch for Lowering Front Passenger Window E622
3	Front Passenger's Window Regulator Motor V148	3	
4		4	
5		5	Front Passenger's Door Contact Switch F3 in Front Passenger's Door Central Locking Lock Unit F221
6	Front Passenger's Window Regulator Motor V148	6	Right Front Central Locking System Actuator F133 in Passenger's Door Central Locking Lock Unit F221
		7	
		8	Mirror Dimming Signal Line, to B427 Mirror auto-dimming signal connection 1 (in main wiring harness)
		9	
		10	
		11	Front passenger side central locking motor V504 in Passenger's Door Central Locking Lock Unit F221
		12	Front Passenger's Central Locking (Safe) Motor V162 in Passenger's Door Central Locking Lock Unit F221
		13	Front Passenger's Central Locking (Safe) Motor V162/Front passenger side central locking motor V504 in Passenger's Door Central Locking Lock Unit F221

T6n (A)	Designation	T20c (B)	Designation
		14	Comfort System CAN-Bus Low, to B407 Comfort System CAN-Bus Low Connection 2 (in main wiring harness)
		15	Comfort System CAN-Bus High, to B398 Comfort System CAN-Bus High Connection 2 (in main wiring harness)
		16	
		17	Mirror Dimming Signal Line, to B428 Mirror auto-dimming signal connection 2 (in main wiring harness)
		18	
		19	Terminal 30, from Fuse Carrier 5 ST5 in Fuse Panel C SC
		20	Terminal 31, to 751 Ground Connection 2 (on right A-pillar)

### 1.10.5 Front Passenger's Door Control Module -J387- , connector views, T16h, T32i

16-Pin Connector -T16h- / 32-Pin Connector -T32i-



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T16h (C)	Designation	T32i (D)	Designation
1		1	
2	Front Passenger's Automatic Day/Night Outside Mirror Y21	2	
3	Ground wire, to 107 Ground connection (in exterior mirror wiring harness)	3	Front Passenger's Inside Door Handle Illumination L147
4		4	Switch Illumination, to R99 Connection 2 (in front passenger door wiring harness)

T16h (C)	Designation	T32i (D)	Designation
5	Ground Supply Front Passenger's Mirror Adjustment Motor	5	Ground wire, to 268 Ground connection 2 (in front passenger door wiring harness)
6	Front Passenger's Automatic Day/Night Outside Mirror Y21	6	
7	Front passenger side mirror adjustment motor V150	7	
8	Front passenger side mirror adjustment motor V25	8	
9	Front Passenger's Mirror Fold-in Motor V122	9	
10	Front Passenger's Mirror Fold-in Motor V122	10	
11	Front Passenger's Exterior Mirror Turn Signal Lamp L132	11	
12		12	
13		13	Front Passenger's Interior Locking Button E309
14		14	
15	Front Passenger's Heated Outside Mirror Z5	15	
16		16	Terminal 58, to R67 Positive connection (58) (in front passenger door wiring harness)
		17	
		18	
		19	
		20	
		21	
		22	
		23	
		24	
		25	
		26	
		27	
		28	Front Passenger's Interior Locking Button E309
		29	
		30	
		31	
		32	Front passenger power window button E716

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1.11 Comfort System Central Control Module J393

- ◆ ⇒ [“1.11.1 Comfort System Central Control Module J393 , location”, page 35](#)
- ◆ ⇒ [“1.11.2 Comfort System Central Control Module J393 , connector views, T32e, T32f”, page 36](#)
- ◆ ⇒ [“1.11.3 Comfort System Central Control Module J393 , connector views, T17k, T32d, T17l”, page 37](#)

1.11.1 Comfort System Central Control Module -J393- , location

1 - Comfort System Central Control Module -J393-

A - 32-Pin Connector -T32f- , blue

B - 32-Pin Connector -T32e- , grey

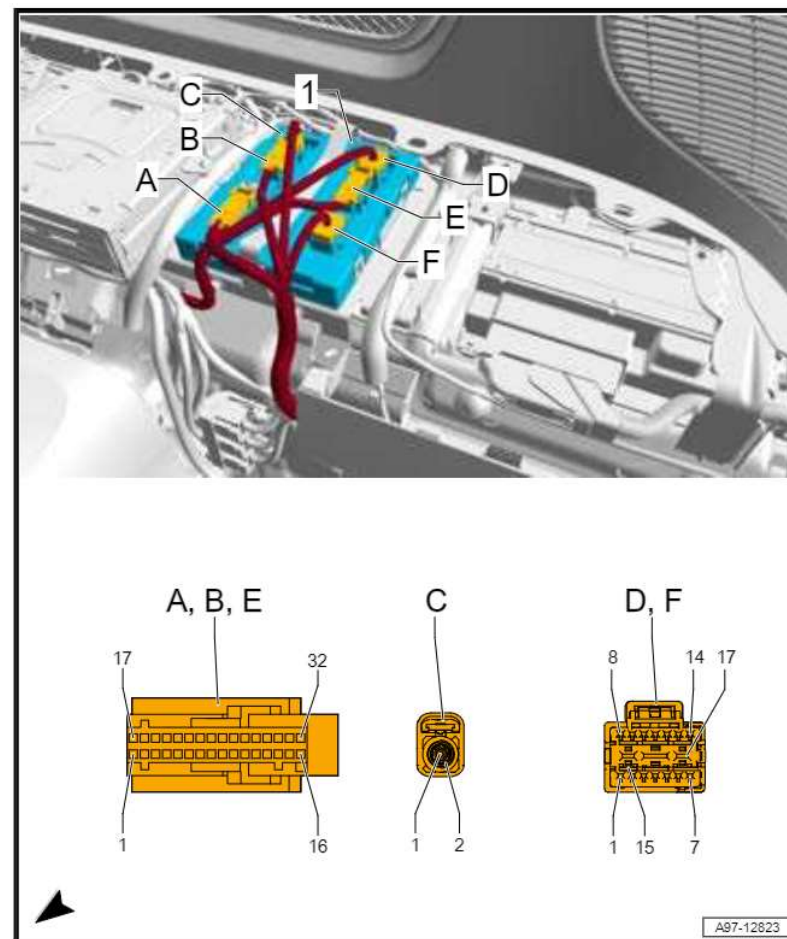
C - Double Connector -T2bt- , grey

D - 17-Pin Connector -T17k- , black

E - 32-Pin Connector -T32d- , black

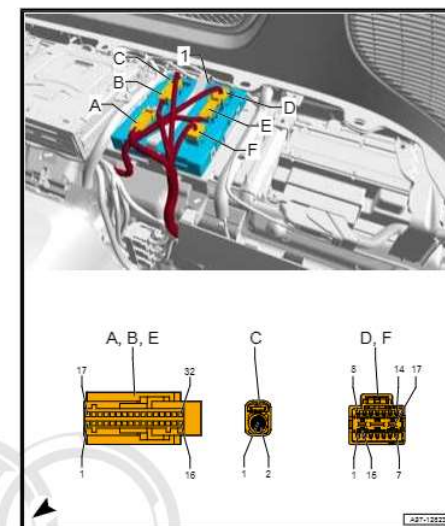
F - 17-Pin Connector -T17l- , brown

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1.11.2 Comfort System Central Control Module  
-J393- , connector views, T32e, T32f

32-Pin Connector -T32e- / 32-Pin Connector -T32f-



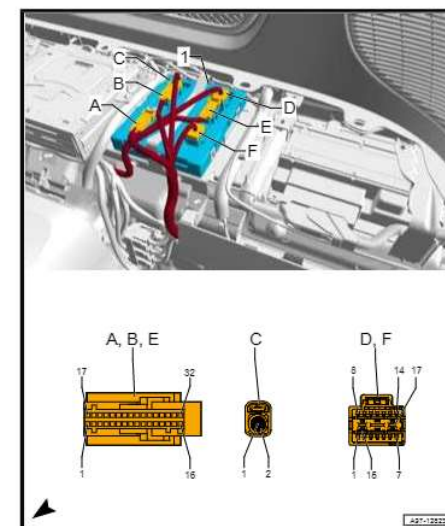
T32f (A)	Designation	T32e (B)	Designation
1		1	
2		2	Brake Lamp, from Brake Light Switch F
3		3	
4		4	Front Hood Contact Switch F387
5		5	Engine Control Module (ECM) J623
6		6	
7		7	
8		8	
9	Left Access/Start Authorization Antenna R200	9	
10	Left Access/Start Authorization Antenna R200	10	
11	Access/start system antenna in luggage compartment R137	11	
12	Access/start system antenna in luggage compartment R137	12	Steering Column Electronic Systems Control Module J527
13	Right Access/Start Authorization Antenna R201	13	Steering Column Electronic Systems Control Module J527
14	Right Access/Start Authorization Antenna R201	14	
15	Access/start system antenna 1 in vehicle interior R138	15	Electronic Steering Column Lock Control Module J764
16	Access/start system antenna 1 in vehicle interior R138	16	Terminal 15 power supply relay J329
17		17	
18		18	High-mount Brake Light M25

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T32f (A)	Designation	T32e (B)	Designation
19		19	Sequential indicator coding lead, to B474 Connection 10 (in main wiring harness)
20		20	Steering Column Electronic Systems Control Module J527
21		21	
22		22	
23		23	
24		24	
25		25	
26		26	
27		27	
28		28	Selector Lever P/N Wiring, from Direct Shift Gearbox (DSG) Mechatronic J743
29		29	
30	Right Front Outside Door Handle Touch Sensor G606	30	
31		31	
32	Right Front Outside Door Handle Touch Sensor G606	32	

1.11.3 Comfort System Central Control Module -J393- , connector views, T17k, T32d, T17l

32-Pin Connector -T32d- / 17-Pin Connector -T17k- / 17-Pin Connector -T17l-





T17k (D)	Designation	T32d (E)	Designation	T17l (F)	Designation
1		1		1	
2		2		2	
3		3	Luggage Compartment Emergency Release Button E596	3	
4		4	Rear window defogger relay J9	4	
5	SuppressorC24/Front Hood Release Motor	5		5	Left Back-Up Lamp M16 in Left Tail Lamp MX3
6	Fuel Tank Lid Unlock Motor V155	6		6	Left brake lamp 2 M86 in Left Tail Lamp MX3
7	Fuel Tank Lid Unlock Motor V155	7		7	
8	Right brake lamp bulb M10 in right tail lamp MX4	8		8	Luggage Compartment Light W3
9	Right tail lamp bulb M2 in right tail lamp MX4	9		9	Left Brake Lamp M9 in Left Tail Lamp MX3
10	Right Rear Fog Lamp L47 in right tail lamp MX4	10		10	Left tail lamp bulb M4 in Left Tail Lamp MX3
11	Right Back-Up Lamp M17 in right tail lamp MX4	11		11	Left Rear Fog Lamp L46 in Left Tail Lamp MX3
12	Right Rear Turn Signal Lamp M8 in right tail lamp MX4	12		12	Right Brake Lamp 2 M87 in right tail lamp MX4
13		13		13	Left Rear Turn Signal Lamp M6 in Left Tail Lamp MX3
14		14	License Plate Light X4/X5	14	
15	Terminal 30, from Fuse Carrier 2 ST2 in Fuse Panel D SD	15	Sockets Relay J807	15	Electronic Steering Column Lock Control Module J764
16	Terminal 30, from Fuse Carrier 2 ST2 in Fuse Panel D S	16	Alarm Horn H12	16	Terminal 30, from Fuse Carrier 2 ST2 in Fuse Panel D SD
17	Terminal 31, to 35 Ground Connection (below front passenger's seat)	17	LIN-Bus, to B698 LIN-Bus Connection 3 (in main wiring harness)	17	Terminal 31, to 758 Ground Connection 3 (on Center Tunnel)
		18	Comfort System CAN-Bus Low, to B406 Comfort System CAN-Bus Low Connection 1 (in main wiring harness)		
		19	Comfort System CAN-Bus High, to B397 Comfort System CAN-Bus High Connection 1 (in main wiring harness)		
		20			
		21			
		22			
		23			

T17k (D)	Designation	T32d (E)	Designation	T17l (F)	Designation
		24			
		25			
		26			
		27			
		28			
		29			
		30	Right Rear Side Marker Lamp M38		
		31	Left Rear Side Marker Lamp M37		
		32	LIN-Bus, to B699 LIN-Bus Connection 4 (in main wiring harness)		

## 1.12 Headlamp range control module J431

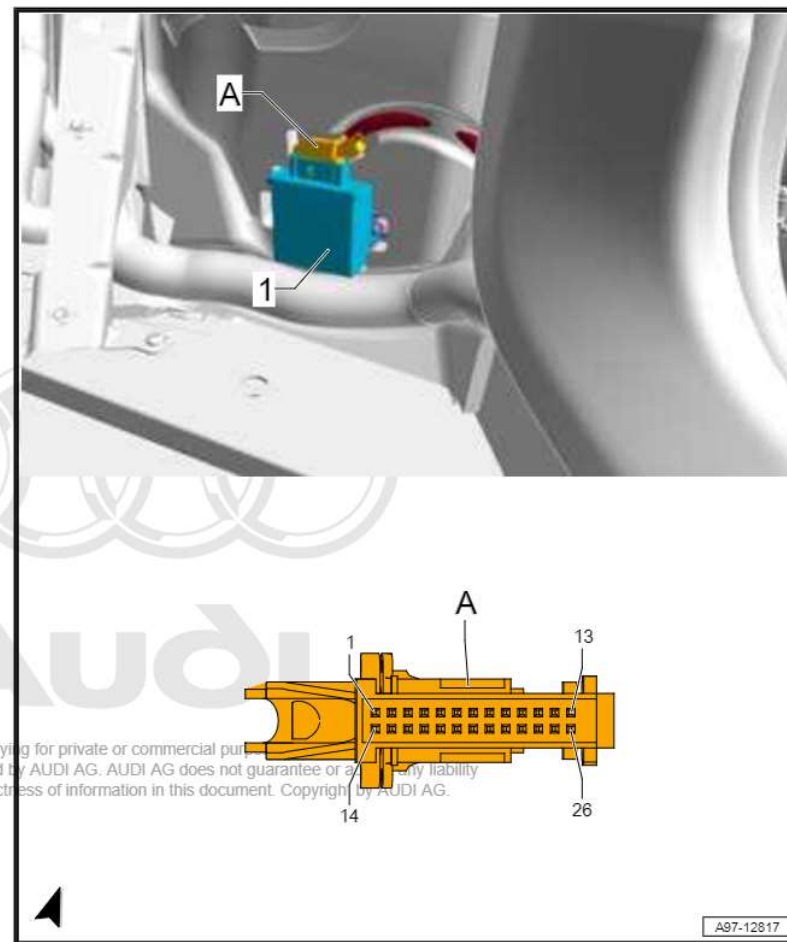
- ◆ ⇒ ["1.12.1 Headlamp range control module J431 , location", page 39](#)
- ◆ ⇒ ["1.12.2 Headlamp range control module J431 , connector views", page 41](#)

### 1.12.1 Headlamp range control module -J431- , location

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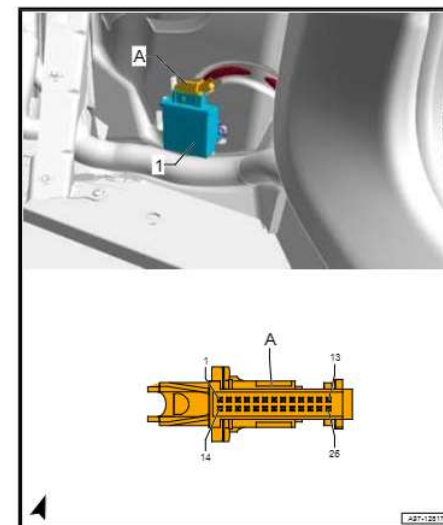
1 - Headlamp range control module -J431-

A - 26-Pin Connector -T26a- , black



1.12.2 Headlamp range control module  
-J431-, connector views

26-Pin Connector -T26a-



T26a (A)	Designation	T26a (A)	Designation
1		14	
2	Extended System CAN-Bus High, to B108 CAN-Bus Extended High Connection 1 (in main wiring harness) <sup>1)</sup> / to Data bus on board diagnostic interface J533 <sup>2)</sup>	15	
3	Extended System CAN-Bus Low, to B109 CAN-Bus Extended Low Connection 1 (in main wiring harness) <sup>1)</sup> / to Data bus on board diagnostic interface J533 <sup>2)</sup>	16	
4	CAN-Bus Low, to Front Headlamp MX1/MX2	17	
5	CAN-Bus High, to Front Headlamp MX1/MX2	18	
6		19	
7		20	
8		21	
9		22	
10		23	Terminal 15, from Fuse Carrier 1 ST1 in Fuse Panel C SC
11		24	Terminal 31, to 751 Ground Connection 2 (on right A-pillar)
12		25	
13		26	

<sup>1)</sup> Models with Automatic high beam assist control module J844

2) Models without Automatic high beam assist control module J844

### 1.13 Multi-function Steering Wheel Control Module J453

- ◆ ⇒ [“1.13.1 Multi-function Steering Wheel Control Module J453 , location”, page 42](#)
- ◆ ⇒ [“1.13.2 Multi-function Steering Wheel Control Module J453 , connector views”, page 44](#)

#### 1.13.1 Multi-function Steering Wheel Control Module -J453- , location



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1 - Multi-function Steering Wheel Control Module -J453-

A - 13-Pin Connector -T13a- , black

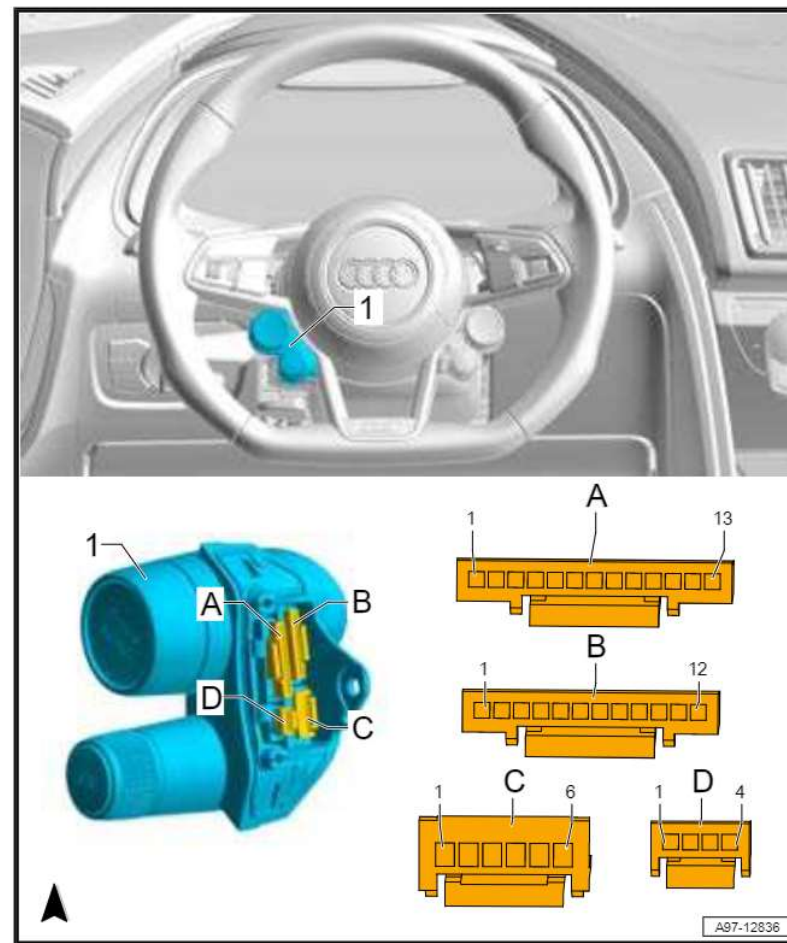
B - 12-Pin Connector -T12q- , black

C - 6-Pin Connector -T6ag- , black

D - 4-Pin Connector -T4da- , black

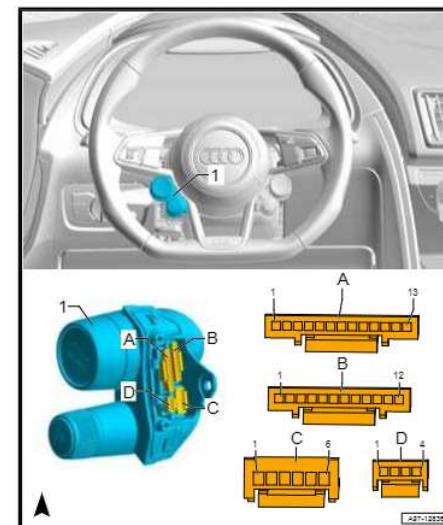


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1.13.2 Multi-function Steering Wheel Control Module -J453- , connector views

6-Pin Connector -T6ag-



T6ag (C)	Designation
1	LIN-Bus, from Spiral Spring F350
2	Terminal 30, from Spiral Spring F350
3	Terminal 31, from Spiral Spring F350
4	Signal Horn Activation H
5	Tiptronic Switch, to Spiral Spring F350
6	Tiptronic Switch, to Spiral Spring F350

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1.14 Vehicle Electrical System Control Module J519

- ◆ ⇒ ["1.14.1 Vehicle Electrical System Control Module J519 , location", page 44](#)
- ◆ ⇒ ["1.14.2 Vehicle Electrical System Control Module J519 , connector views, T16e, T17e, T17f", page 46](#)
- ◆ ⇒ ["1.14.3 Vehicle Electrical System Control Module J519 , connector views, T17g, T6f", page 47](#)
- ◆ ⇒ ["1.14.4 Vehicle Electrical System Control Module J519 , connector views, T32a, T32b", page 48](#)

1.14.1 Vehicle Electrical System Control Module -J519- , location

1 - Vehicle Electrical System Control Module -J519-

A - 16-Pin Connector -T16e- , brown

B - 17-Pin Connector -T17e- , red

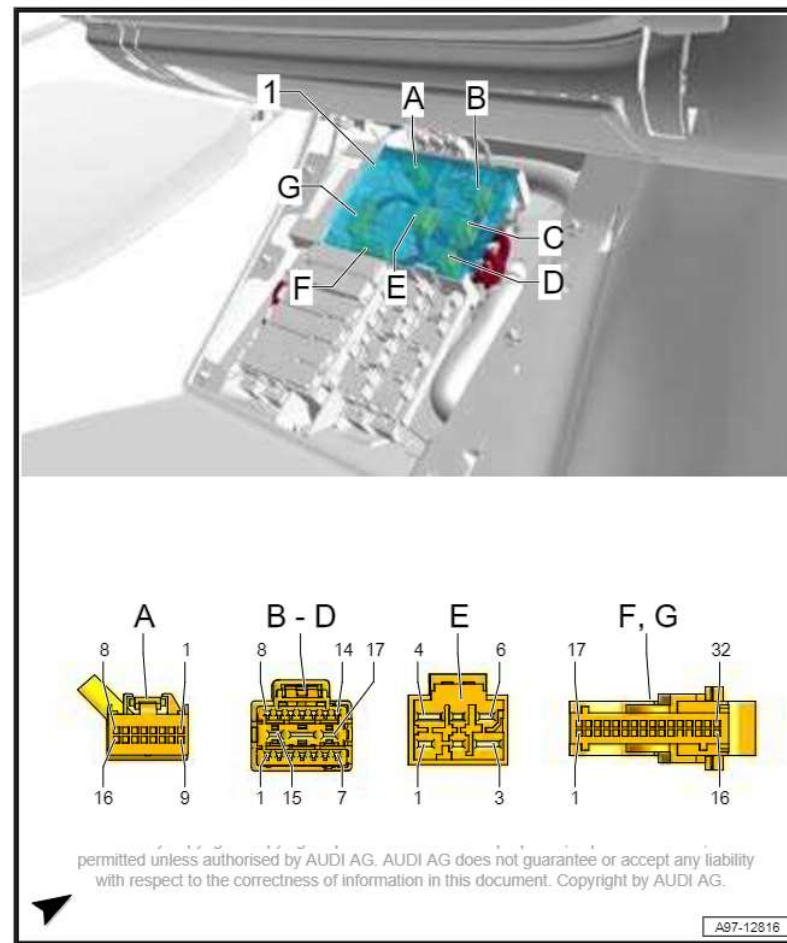
C - 17-Pin Connector -T17f- , green

D - 17-Pin Connector -T17g- , black

E - 6-Pin Connector -T6f- , black

F - 32-Pin Connector -T32b- , grey

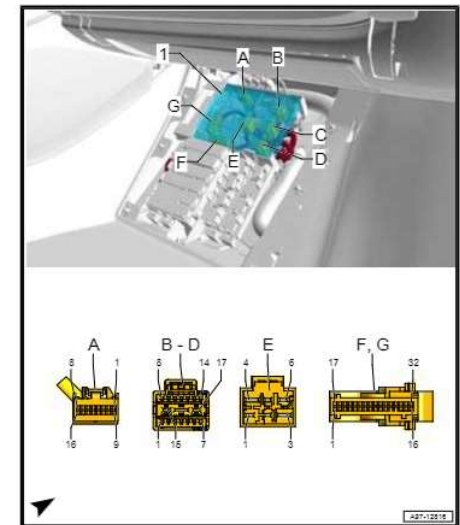
G - 32-Pin Connector -T32a- , black





1.14.2 Vehicle Electrical System Control  
Module -J519- , connector views, T16e,  
T17e, T17f

16-Pin Connector -T16e- / 17-Pin Connector -T17e- / 17-Pin  
Connector -T17f-

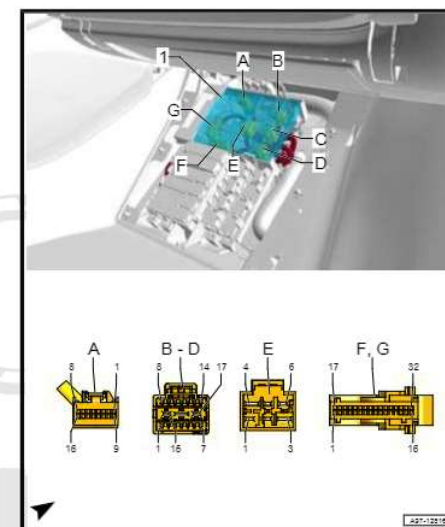


T16e (A)	Designation	T17e (B)	Designation	T17f (C)	Designation
1		1		1	
2	LIN-Bus, to B711 LIN-Bus Connection 6 (in main wiring harness)	2	Front Right Headlamp MX2	2	Front Left Headlamp MX1
3	Positive Supply Front Parking Aid Sensor, to X65 Parking Aid Connection (in front bumper wiring harness)	3		3	
4	LIN-Bus, to B549 LIN-Bus Connection 2 (in main wiring harness)	4	Front Right Headlamp MX2	4	Right Front Side Marker Lamp M34
5	Ground Supply Front and Rear Parking Aid Sensor, to B468 Connection 4 (in main wiring harness)	5	Front Left Headlamp MX1	5	Front Left Headlamp MX1
6	LIN-Bus, to B710 LIN-Bus Connection 5 (in main wiring harness)	6		6	Left Front Side Marker Lamp M33
7		7	Front Left Headlamp MX1	7	
8		8	Front Right Headlamp MX2	8	Front Left Headlamp MX1
9		9		9	
10		10	Front Right Headlamp MX2	10	
11		11		11	
12		12	Front Right Headlamp MX2	12	Front Left Headlamp MX1
13		13		13	

T16e (A)	Designation	T17e (B)	Designation	T17f (C)	Designation
14	Comfort System CAN-Bus Low, to B407 Comfort System CAN-Bus Low Connection 2 (in main wiring harness)	14	Front Right Headlamp MX2	14	
15	Comfort System CAN-Bus High, to B398 Comfort System CAN-Bus High Connection 2 (in main wiring harness)	15	Front Right Headlamp MX2	15	Front Left Headlamp MX1
16		16	Terminal 30, from Fuse Carrier 5 ST5 in Fuse Panel C SC	16	Terminal 30, from Fuse Carrier 5ST5 in Fuse Panel C SC
		17	Terminal 31, to 645 Ground Connection 1 on bulkhead	17	Terminal 31, to 751 Ground Connection 2 (on right A-pillar)

1.14.3 Vehicle Electrical System Control Module -J519- , connector views, T17g, T6f

17-Pin Connector -T17g- / 6-Pin Connector -T6f-



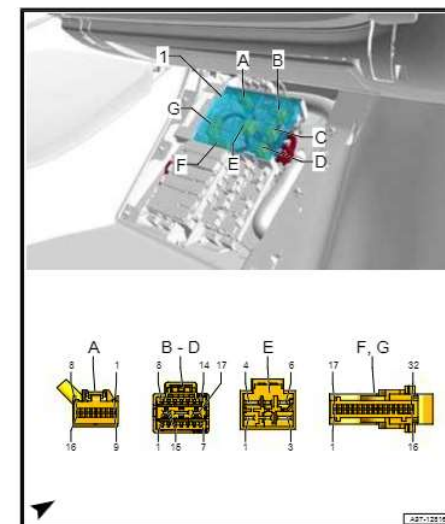
T17g (D)	Designation	T17g (D)	Designation	T6f (E)	Designation
1		10	A/C Compressor Regulator Valve N280	1	Positive supply driver's heated seat, to O12 Connection 1 (in seat heater wiring harness)
2		11		2	
3	Windshield Washer Pump V5	12		3	Terminal 30, from Fuse Carrier 5 ST5 in Fuse Panel C SC
4	Windshield Washer Pump V5	13		4	
5		14	Positive Supply Engine Compartment Light W108/W109	5	

T17g (D)	Designation	T17g (D)	Designation	T6f (E)	Designation
6		15	Terminal 30, from Fuse Carrier 5 ST5 in Fuse Panel C SC	6	Positive Supply Front Passenger's Heated Seat, to O13 Connection 2 (in seat heater wiring harness)
7		16	Terminal 30, from Fuse Carrier 5 ST5 in Fuse Panel C SC		
8	A/C Compressor Regulator Valve N280	17	Terminal 30 (output), to B485 Connection 21 in main wiring harness		
9	Roof Electronics Control Module J528				

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### 1.14.4 Vehicle Electrical System Control Module -J519- , connector views, T32a, T32b

32-Pin Connector -T32b- / 32-Pin Connector -T32a-



T32b (F)	Designation	T32a (G)	Designation
1	Parking Aid Button E266 in Switch Module, instrument panel, center EX22	1	Terminal 58s, to B732 Connection 2 (58s) in main wiring harness
2	Parking Aid Indicator Lamp K136 in Switch Module, instrument panel, center EX22	2	Positive supply rear parking aid sensor, to X68 Parking aid connection (in rear bumper wiring harness)
3		3	Engine hood contact switch F266/F329
4		4	Rear Parking Aid Warning Buzzer H15
5		5	
6	Front Parking Aid Warning Buzzer H22	6	Brake Fluid Level Warning Switch F34
7	Front Parking Aid Warning Buzzer H22	7	Rear Parking Aid Warning Buzzer H15

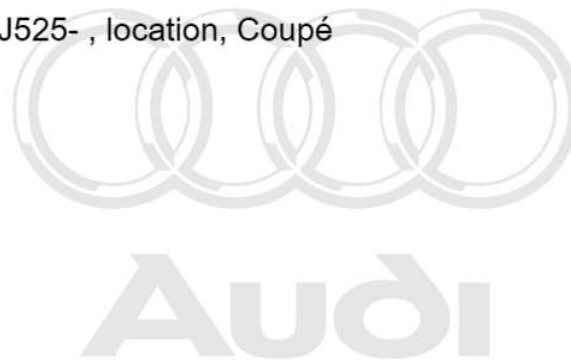
T32b (F)	Designation	T32a (G)	Designation
8	Emergency Flasher Button E229 in Switch Module, instrument panel, center EX22	8	
9	Light Switch E1	9	Left Front Brake Pad Wear Sensor G34 or Right Front Brake Pad Wear Sensor G35, where applicable
10		10	Outside Air Temperature Sensor G17
11		11	Left Rear Parking Aid Sensor G203
12		12	Left Rear Center Parking Aid Sensor G204
13		13	
14		14	Left Front Seat Temperature Sensor G344
15		15	Right Rear Center Parking Aid Sensor G205
16		16	Terminal 15, from Fuse Carrier 1ST1 in Fuse Panel C SC
17	Positive Supply Light L231/W9/W10	17	Terminal 58s, to B731 Connection 1 (58s) in main wiring harness
18	Light Switch E1	18	Right Rear Parking Aid Sensor G206
19		19	Right Front Seat Temperature Sensor G345
20		20	
21		21	
22		22	
23		23	Left Front Parking Aid Sensor G255
24	Stop/Start Mode Indicator Lamp K259 in Switch Module, instrument panel, center EX22	24	Washer Nozzle Heater Z20/Z21
25		25	Ground wire, to 410 Sensor ground connection 1 (in main wiring harness)
26	Electronic Steering Column Lock Control Module J764	26	Left Front Center Parking Aid Sensor G254
27		27	Engine Coolant Level (ECL) Sensor G32
28	Emergency Flasher Indicator Lamp K6 in Switch Module, instrument panel, center EX22	28	Windshield Washer Fluid Level Sensor G33
29		29	Horn Relay J413
30	Stop/Start Mode Button E693 in Switch Module, instrument panel, center EX22	30	Right Front Center Parking Aid Sensor G253
31	Terminal 58s, to A175 Connection 58s (in instrument panel wiring harness)	31	Right Front Parking Aid Sensor G252
32		32	

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## 1.15 Digital Sound System Control Module J525

- ◆ ⇒ [“1.15.1 Digital Sound System Control Module J525 , location, Coupé”, page 50](#)
- ◆ ⇒ [“1.15.2 Digital Sound System Control Module J525 , connector views, Coupé”, page 52](#)
- ◆ ⇒ [“1.15.3 Digital Sound System Control Module J525 , location, Spyder”, page 52](#)
- ◆ ⇒ [“1.15.4 Digital Sound System Control Module J525 , connector views, Spyder”, page 54](#)

### 1.15.1 Digital Sound System Control Module -J525- , location, Coupé



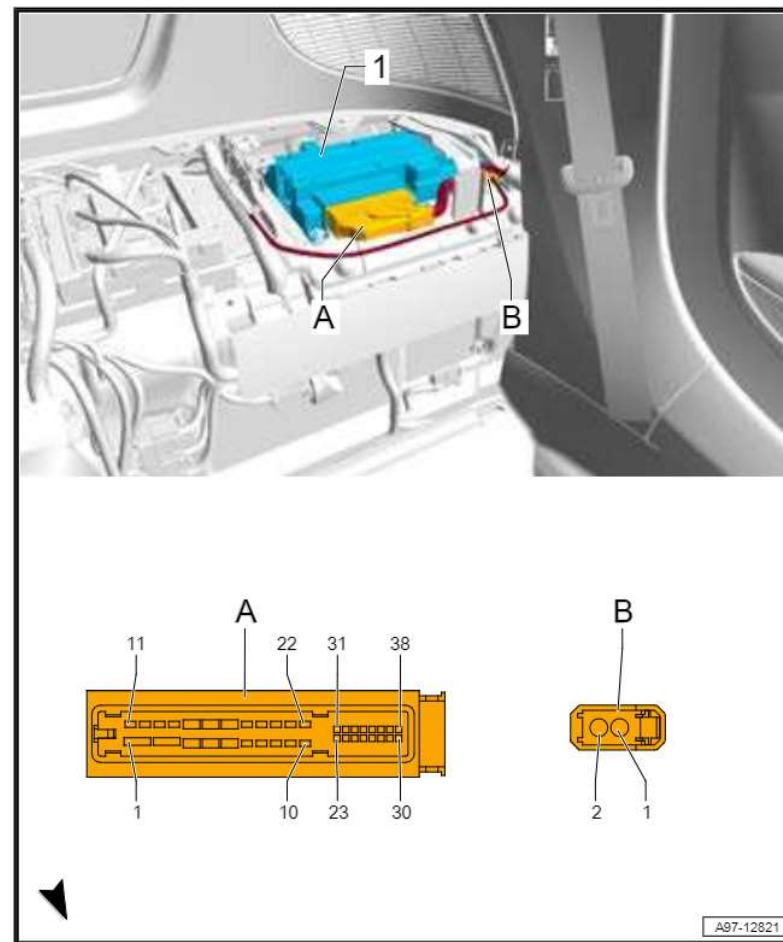
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1 - Digital Sound System Control Module -J525-

A - 38-Pin Connector -T38a- , black

B - Double Connector -T2ff- , black

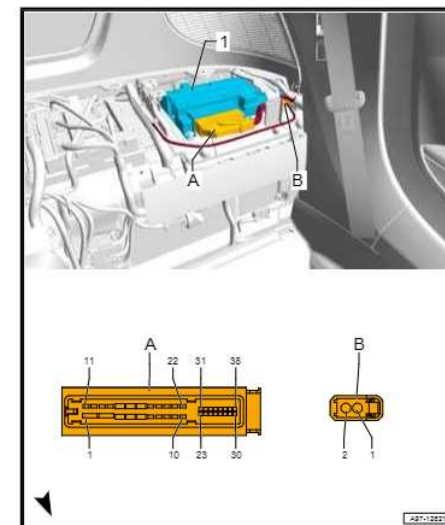
□ MOST Bus



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1.15.2 Digital Sound System Control Module  
-J525-, connector views, Coupé

38-Pin Connector -T38a-



T38a (A)	Designation	T38a (A)	Designation	T38a (A)	Designation
1	Terminal 30, from Fuse Carrier 6 ST6 in Fuse Panel C SC	14	Right Front Midrange Speaker R104	27	
2	Terminal 31, to 688 Ground Connection 2 (on Center Tunnel)	15		28	Center speaker 2 R219
3		16	Right Rear Midrange Speaker R106	29	Inside Microphone R74
4	Left Rear Midrange Speaker R105	17	Right Rear Midrange Speaker R106	30	
5	Left Rear Midrange Speaker R105	18	Center speaker R208	31	Right Front Treble Speaker R22
6	Center speaker R208	19	Right Front Bass Speaker R23	32	Left Front Treble Speaker R20
7	Left Front Bass Speaker R21	20	Right Front Bass Speaker R23	33	Left Rear Treble Speaker R14
8	Left Front Bass Speaker R21	21		34	Right Rear Treble Speaker R16
9	Subwoofer R211	22		35	
10	Subwoofer R211	23	Right Front Treble Speaker R22	36	Center speaker 2 R219
11	Left Front Midrange Speaker R103	24	Left Front Treble Speaker R20	37	Inside Microphone R74
12	Left Front Midrange Speaker R103	25	Left Rear Treble Speaker R14	38	Ringbreak diagnosis, to B444 OBD connection 1 (in main wiring harness)
13	Right Front Midrange Speaker R104	26	Right Rear Treble Speaker R16		

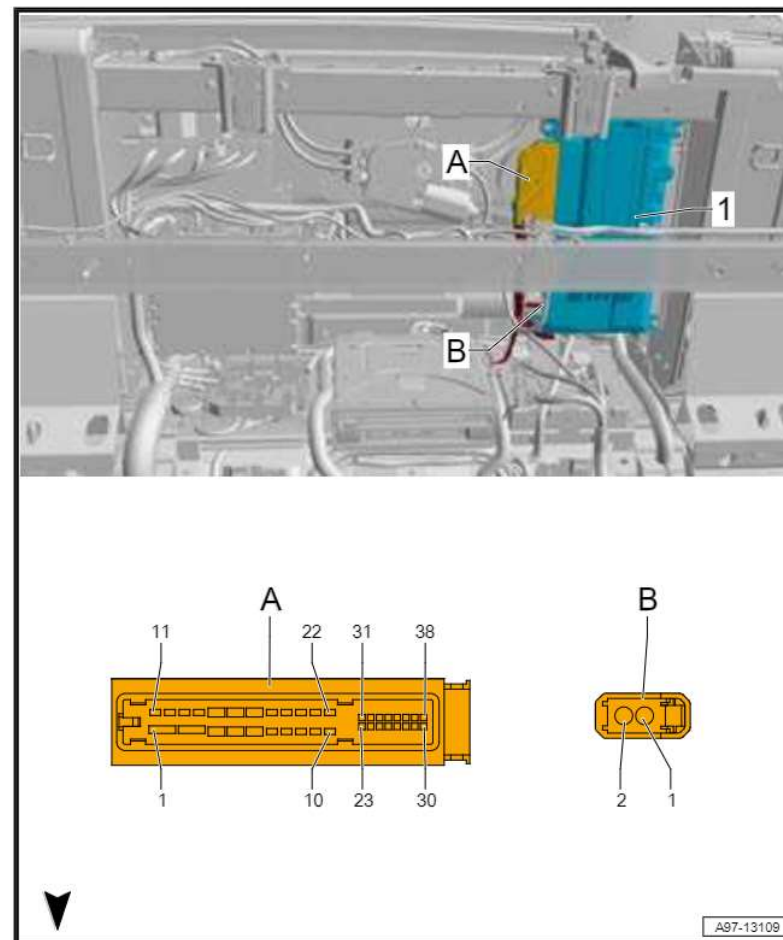
1.15.3 Digital Sound System Control Module -J525-, location, Spyder

1 - Digital Sound System Control Module -J525-

A - 38-Pin Connector -T38a- , black

B - Double Connector -T2ff- , black

□ MOST Bus

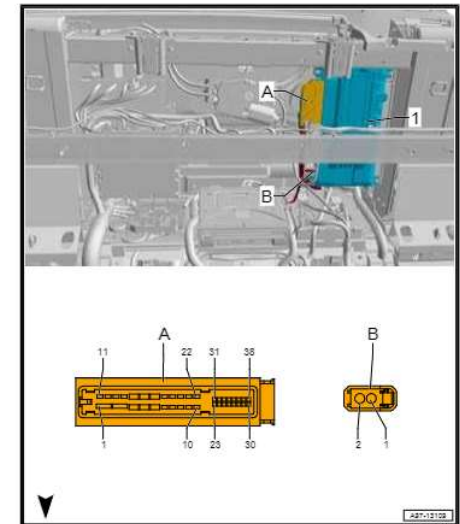


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1.15.4 Digital Sound System Control Module  
-J525-, connector views, Spyder

38-Pin Connector -T38a-



T38a (A)	Designation	T38a (A)	Designation	T38a (A)	Designation
1	Terminal 30, from Fuse Carrier 6 ST6 in Fuse Panel C SC	14	Right Front Midrange Speaker R104	27	
2	Terminal 31, to 688 Ground Connection 2 (on Center Tunnel)	15		28	Center speaker 2 R219
3		16	Speaker 2 in front right head restraint R320	29	Inside Microphone R74
4	Speaker 1 in front right head restraint R319	17	Speaker 2 in front right head restraint R320	30	
5	Speaker 1 in front right head restraint R319	18	Center speaker R208	31	Right Front Treble Speaker R22
6	Center speaker R208	19	Right Front Bass Speaker R23	32	Left Front Treble Speaker R20
7	Left Front Bass Speaker R21	20	Right Front Bass Speaker R23	33	Speaker 1 in front left head restraint R317
8	Left Front Bass Speaker R21	21		34	Speaker 2 in front left head restraint R318
9	Subwoofer R211	22		35	
10	Subwoofer R211	23	Right Front Treble Speaker R22	36	Center speaker 2 R219
11	Left Front Midrange Speaker R103	24	Left Front Treble Speaker R20	37	Inside Microphone R74
12	Left Front Midrange Speaker R103	25	Speaker 1 in front left head restraint R317	38	Ringbreak diagnosis, to B444 OBD connection 1 (in main wiring harness)
13	Right Front Midrange Speaker R104	26	Speaker 2 in front left head restraint R318		

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1.16 Steering Column Electronic Systems Control Module J527

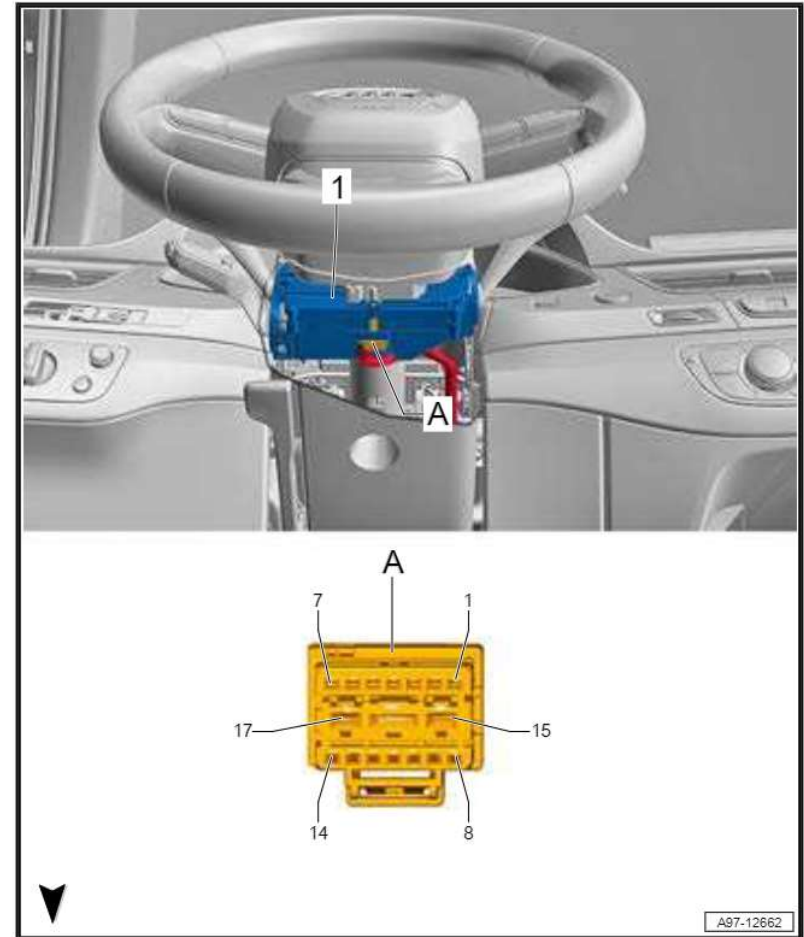
1.16.1 Steering Column Electronic Systems Control Module -J527- , location

1 - Steering Column Electronic Systems Control Module -J527-

A - 17-Pin Connector -T17d- , yellow



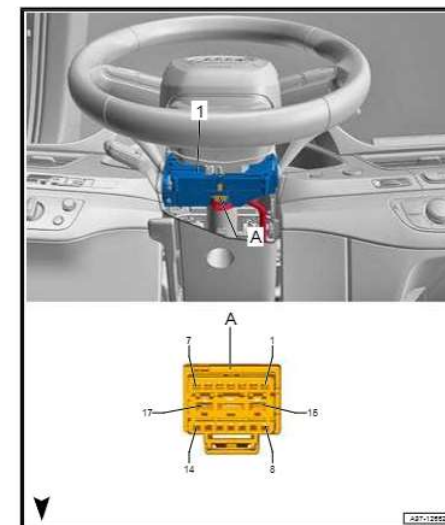
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1.16.2 Steering Column Electronic Systems  
Control Module -J527- , connector views

17-Pin Connector -T17d-



T17d (A)	Designation	T17d (A)	Designation
1	Terminal 30, from Fuse Carrier 4 ST4 in Fuse Panel C SC	10	Comfort System Central Control Module J393
2	Terminal 15, from Fuse Carrier 1 ST1 in Fuse Panel C SC	11	Airbag Control Module J234
3	CAN-Bus suspension sensor High, to B663 Suspension sensor CAN bus high connection (in main wiring harness)	12	Airbag Control Module J234
4	CAN-Bus suspension sensor Low, to B664 Suspension sensor CAN bus low connection (in main wiring harness)	13	
5	CAN-Bus Instrument Cluster, Low, to B709 Instrument cluster CAN bus low connection 1 (in main wiring harness)	14	
6	CAN-Bus Instrument Cluster, High, to B708 Instrument cluster CAN bus high connection 1 (in main wiring harness)	15	Transmission Control Module 2 (TCM) J1006
7	Engine Control Module (ECM) J623	16	Transmission Control Module 2 (TCM) J1006
8	Comfort System Central Control Module J393	17	Terminal 31, to 687 Ground Connection 1 (on Center Tunnel)
9	Comfort System Central Control Module J393		

1.17 Roof electronics control module J528

- ◆ ⇒ ["1.17.1 Roof electronics control module J528 , location", page 57](#)
- ◆ ⇒ ["1.17.2 Roof electronics control module J528 , connector views", page 59](#)

1.17.1 Roof electronics control module -J528- , location

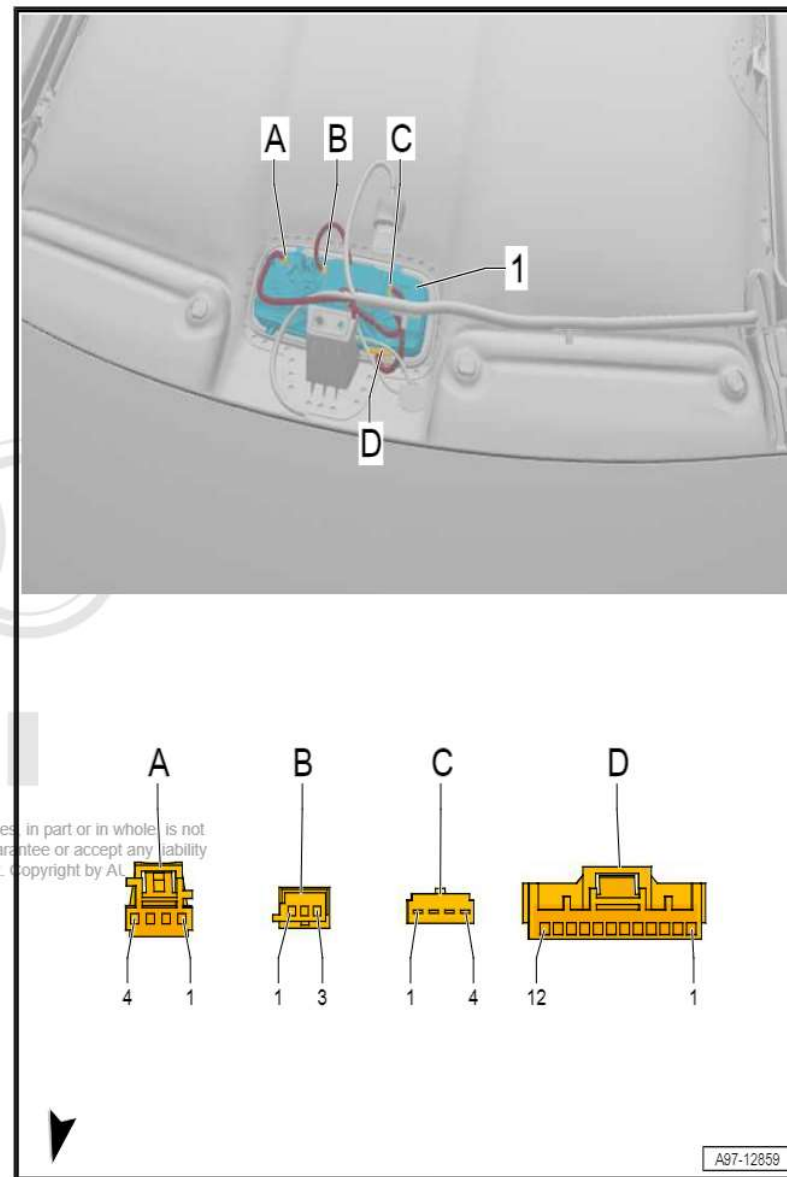
1 - Roof Electronics Control Module -J528-

A - 4-Pin Connector -T4cm- , black

B - 3-Pin Connector -T3d- , black

C - 4-Pin Connector -T4r- , black

D - 12-Pin Connector -T12g- , black



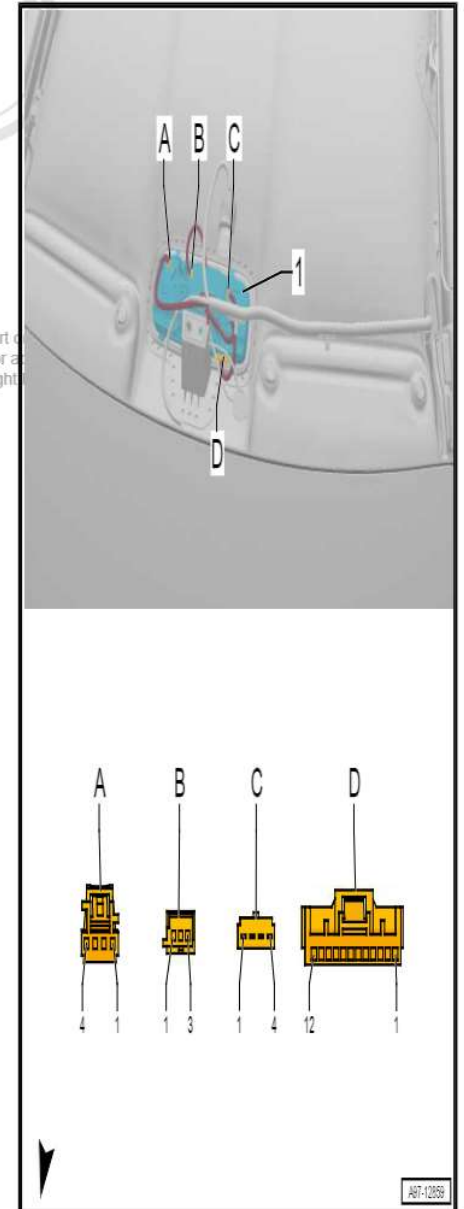


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1.17.2 Roof electronics control module -J528-, connector views

12-Pin Connector -T12g-

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T12g (A)	Designation		T12g (A)	Designation
1			7	Automatic Day/Night Interior Mirror Y7
2			8	Terminal 30, from Fuse Carrier 4 ST4 in Fuse Panel C SC
3			9	Vehicle Electrical System Control Module J519
4	Terminal 15, from Fuse Carrier 1 ST1 in Fuse Panel C SC		10	Terminal 31, to 689 Ground connection (on center/front roof)
5			11	Terminal 58s, to B732 Connection 2 (58s) in main wiring harness
6	Airbag Control Module J234		12	Terminal 30, from B485 Connection 21 in main wiring harness

### 1.18 Data bus on board diagnostic interface J533

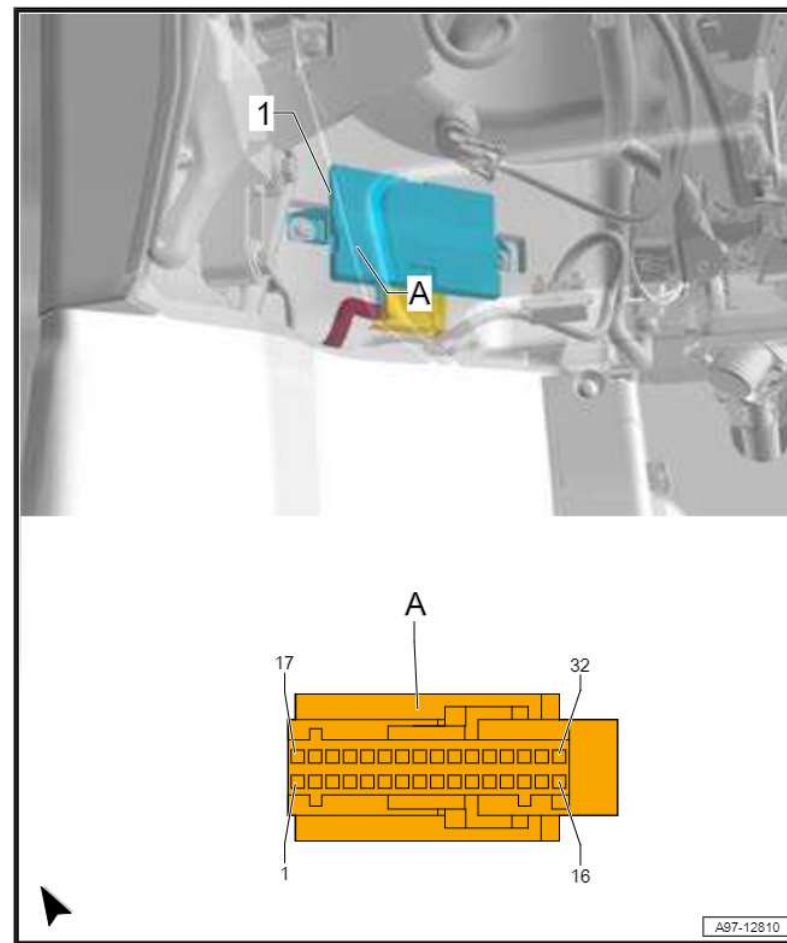
- ◆ ⇒ ["1.18.1 Data bus on board diagnostic interface J533 , location, LHD", page 60](#)
- ◆ ⇒ ["1.18.2 Data bus on board diagnostic interface J533 , connector views, LHD", page 62](#)
- ◆ ⇒ ["1.18.3 Data bus on board diagnostic interface J533 , location, RHD", page 63](#)
- ◆ ⇒ ["1.18.4 Data bus on board diagnostic interface J533 , connector views, RHD", page 65](#)

#### 1.18.1 Data bus on board diagnostic interface -J533- , location, LHD

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1 - Data Bus On Board Diagnostic Interface -J533-

A - 32-Pin Connector -T32c- , black



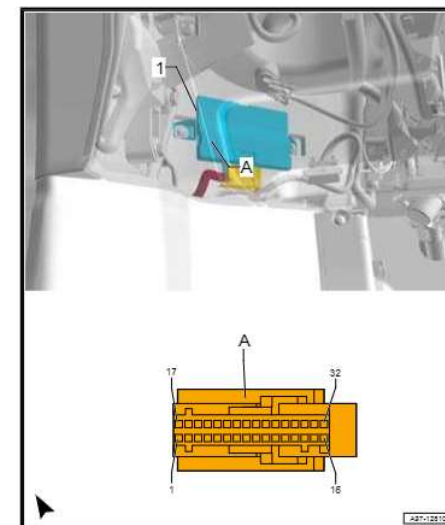
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1.18.2 Data bus on board diagnostic interface  
-J533-, connector views, LHD

32-Pin Connector -T32c-



T32c (A)	Designation	T32c (A)	Designation
1		17	LIN-Bus, to B528 LIN-Bus Connection 1 (in main wiring harness)
2	Extended System CAN-Bus Low, to B109 CAN-Bus Extended Low Connection 1 (in main wiring harness) <sup>1)</sup> / to Headlamp Range Control Module J431 <sup>2)</sup>	18	Extended System CAN-Bus High, to B108 CAN-Bus Extended High Connection 1 (in main wiring harness) <sup>1)</sup> / to Headlamp Range Control Module J431 <sup>2)</sup>
3	CAN-Bus Diagnostic Low to Diagnostic connection U31	19	CAN-Bus Diagnostic High to Diagnostic connection U31
4	Comfort System CAN-Bus Low, to B406 Comfort System CAN-Bus Low Connection 1 (in main wiring harness)	20	Comfort System CAN-Bus High, to B397 Comfort System CAN-Bus High Connection 1 (in main wiring harness)
5	CAN-Bus powertrain, Low to B391 Powertrain CAN-Bus Low connection 2 (in main wiring harness)	21	CAN-Bus powertrain, High to B384 Powertrain CAN-Bus High connection 2 (in main wiring harness)
6	CAN-Bus Instrument Cluster, Low, to B709 Instrument cluster CAN bus low connection 1 (in main wiring harness)	22	CAN-Bus Instrument Cluster, High, to B708 Instrument cluster CAN bus high connection 1 (in main wiring harness)
7	FlexRay-Bus, to ABS control module J104	23	FlexRay-Bus, to ABS control module J104
8		24	
9		25	
10	FlexRay-Bus, to Sensor Electronics Control Module J849	26	FlexRay-Bus, to Sensor Electronics Control Module J849
11		27	
12		28	
13	Terminal 31, to 639 Ground Connection (on left A-pillar)	29	Terminal 31, to 639 Ground Connection (on left A-pillar)
14	Terminal 15, from Fuse Carrier 1ST1 in Fuse Panel C SC	30	

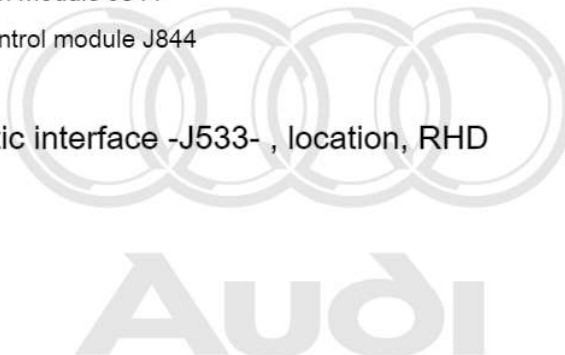
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T32c (A)	Designation		T32c (A)	Designation
15	CAN-Bus suspension sensor Low, to B664 Suspension sensor CAN bus low connection (in main wiring harness)		31	CAN-Bus suspension sensor High, to B663 Suspension sensor CAN bus high connection (in main wiring harness)
16	Terminal 30, from Fuse Carrier 3ST3 in Fuse Panel C SC		32	

1) Models with Automatic high beam assist control module J844

2) Models without Automatic high beam assist control module J844

### 1.18.3 Data bus on board diagnostic interface -J533- , location, RHD



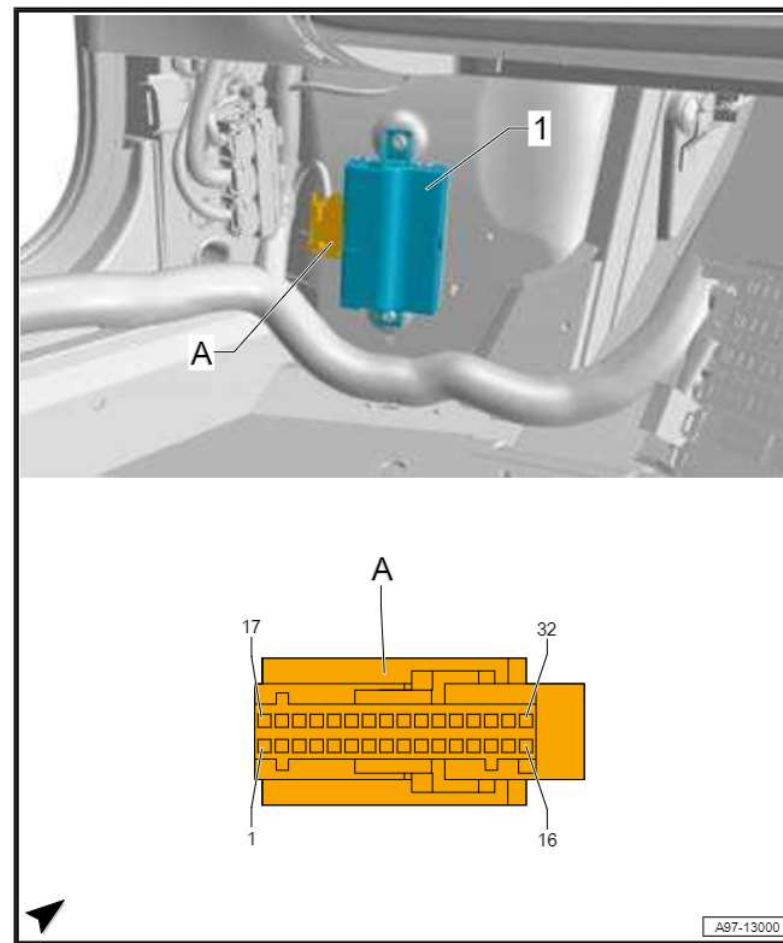
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1 - Data Bus On Board Diagnostic Interface -J533-

A - 32-Pin Connector -T32c- , black

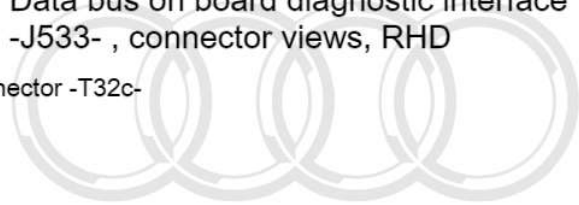


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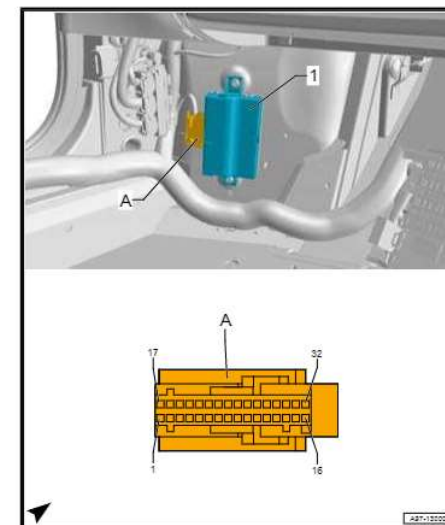


1.18.4 Data bus on board diagnostic interface  
-J533-, connector views, RHD

32-Pin Connector -T32c-



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T32c (A)	Designation	T32c (A)	Designation
1		17	LIN-Bus, to B528 LIN-Bus Connection 1 (in main wiring harness)
2	Extended System CAN-Bus Low, to B109 CAN-Bus Extended Low Connection 1 (in main wiring harness) <sup>1)</sup> / to Headlamp Range Control Module J431 <sup>2)</sup>	18	Extended System CAN-Bus High, to B108 CAN-Bus Extended High Connection 1 (in main wiring harness) <sup>1)</sup> / to Headlamp Range Control Module J431 <sup>2)</sup>
3	CAN-Bus Diagnostic Low to Diagnostic connection U31	19	CAN-Bus Diagnostic High to Diagnostic connection U31
4	Comfort System CAN-Bus Low, to B406 Comfort System CAN-Bus Low Connection 1 (in main wiring harness)	20	Comfort System CAN-Bus High, to B397 Comfort System CAN-Bus High Connection 1 (in main wiring harness)
5	CAN-Bus powertrain, Low to B391 Powertrain CAN-Bus Low connection 2 (in main wiring harness)	21	CAN-Bus powertrain, High to B384 Powertrain CAN-Bus High connection 2 (in main wiring harness)
6	CAN-Bus Instrument Cluster, Low, to B709 Instrument cluster CAN bus low connection 1 (in main wiring harness)	22	CAN-Bus Instrument Cluster, High, to B708 Instrument cluster CAN bus high connection 1 (in main wiring harness)
7	FlexRay-Bus, to ABS control module J104	23	FlexRay-Bus, to ABS control module J104
8		24	
9		25	
10	FlexRay-Bus, to Sensor Electronics Control Module J849	26	FlexRay-Bus, to Sensor Electronics Control Module J849
11		27	
12		28	
13	Terminal 31, to 639 Ground Connection (on left A-pillar)	29	Terminal 31, to 639 Ground Connection (on left A-pillar)
14	Terminal 15, from Fuse Carrier 1 ST1 in Fuse Panel C SC	30	

T32c (A)	Designation		T32c (A)	Designation
15	CAN-Bus suspension sensor Low, to B664 Suspension sensor CAN bus low connection (in main wiring harness)		31	CAN-Bus suspension sensor High, to B663 Suspension sensor CAN bus high connection (in main wiring harness)
16	Terminal 30, from Fuse Carrier 3ST3 in Fuse Panel C SC		32	

1) Models with Automatic high beam assist control module J844

2) Models without Automatic high beam assist control module J844

## 1.19 Selector Lever Sensor Control Module J587

◆ ⇒ ["1.19.1 Selector Lever Sensor Control Module J587 , location", page 66](#)

◆ ⇒ ["1.19.2 Selector Lever Sensor Control Module J587 , connector views", page 68](#)

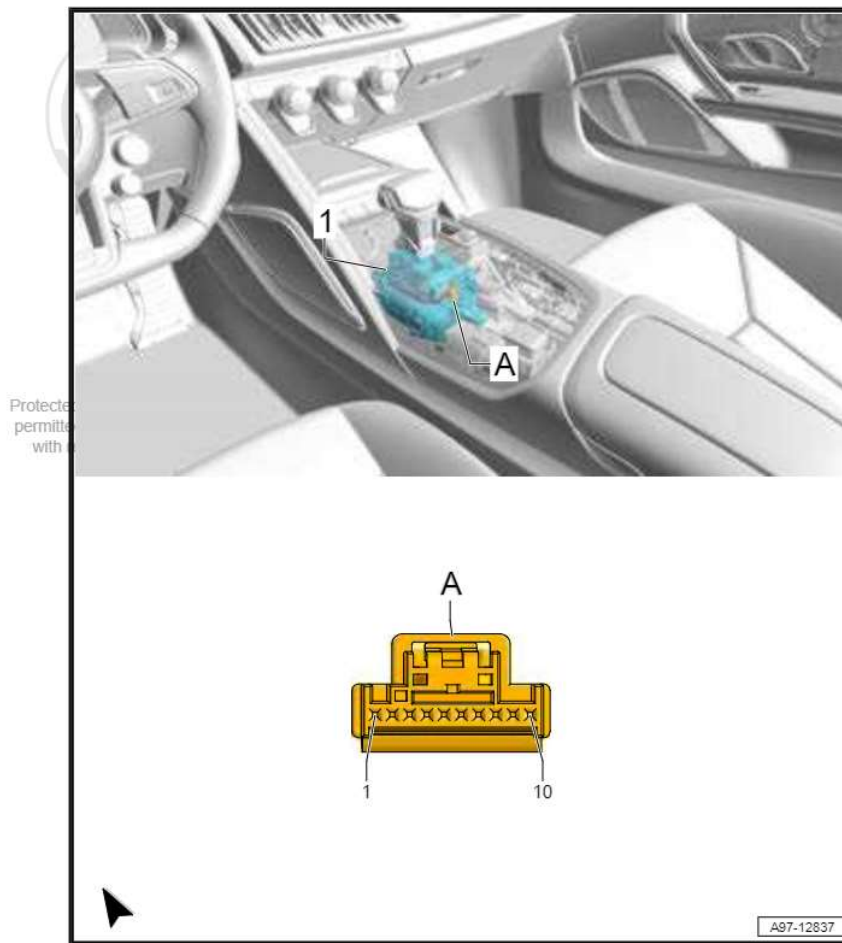
### 1.19.1 Selector Lever Sensor Control Module -J587- , location



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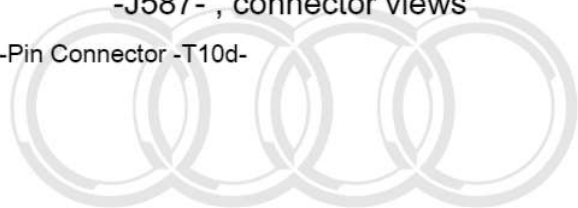
1 - Selector Lever Sensor Control Module -J587-

A - 10-Pin Connector -T10d- , black

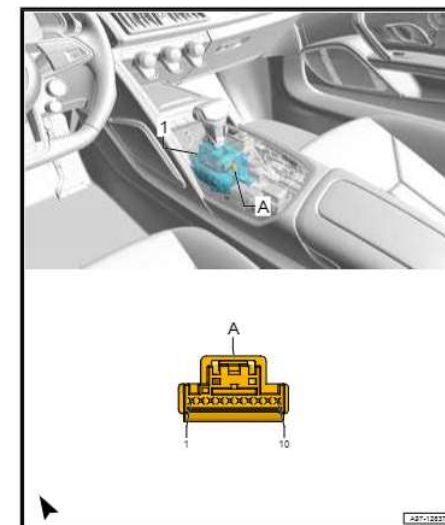


1.19.2 Selector Lever Sensor Control Module  
-J587-, connector views

10-Pin Connector -T10d-



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T10d (A)	Designation	T10d (A)	Designation
1	Terminal 30, from Fuse Carrier 4 ST4 in Fuse Panel C SC	6	
2		7	
3	CAN-Bus powertrain, Low to B391 Powertrain CAN-Bus Low connection 2 (in main wiring harness)	8	
4	CAN-Bus powertrain, High to B384 Powertrain CAN-Bus High connection 2 (in main wiring harness)	9	
5		10	Terminal 31, to 687 Ground Connection 1 (on Center Tunnel)

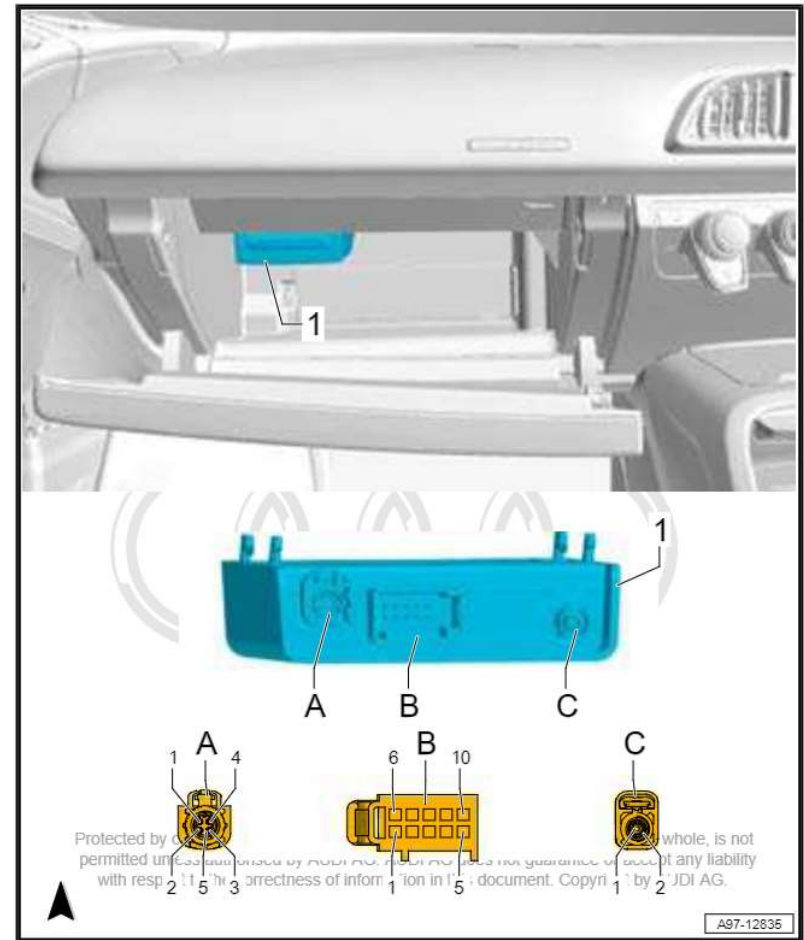
1.20 Chip card reader control module J676

- ◆ ⇒ ["1.20.1 Chip card reader control module J676 , location", page 68](#)
- ◆ ⇒ ["1.20.2 Chip card reader control module J676 , connector views", page 70](#)

1.20.1 Chip card reader control module -J676-, location

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- 1 - Chip Card Reader Control Module -J676-
- A - 5-Pin Connector -T5z- , brown
- B - 10-Pin Connector -T10k- , black
- C - Double Connector -T2fb- , yellow

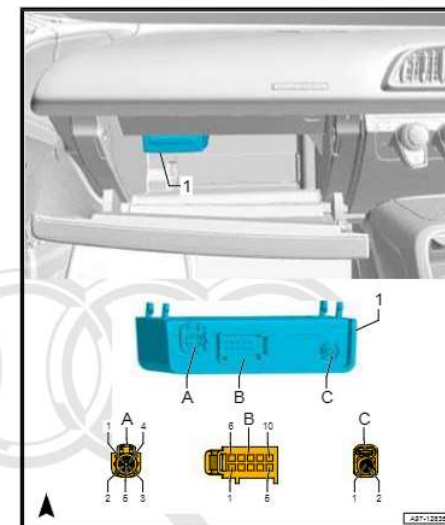


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1.20.2 Chip card reader control module  
-J676- , connector views

10-Pin Connector -T10k-



T10k (A)	Designation	T10k (A)	Designation
1	Traffic Data Antenna R173	6	Control Module for Information Electronics 1 J794
2	Traffic Data Antenna R173	7	Traffic Data Antenna R173
3	Traffic Data Antenna R173	8	Traffic Data Antenna R173
4	Traffic Data Antenna R173	9	Terminal 30, from Fuse Carrier 6 ST6 in Fuse Panel C SC
5		10	Terminal 31, to 638 Ground Connection (on right A-pillar)

1.21 Passenger occupant detection system control module J706

◆ ⇒ ["1.21.1 Passenger occupant detection system control module J706 , location", page 70](#)

◆ ⇒ ["1.21.2 Passenger occupant detection system control module J706 , connector views", page 72](#)

1.21.1 Passenger occupant detection system control module -J706- , location

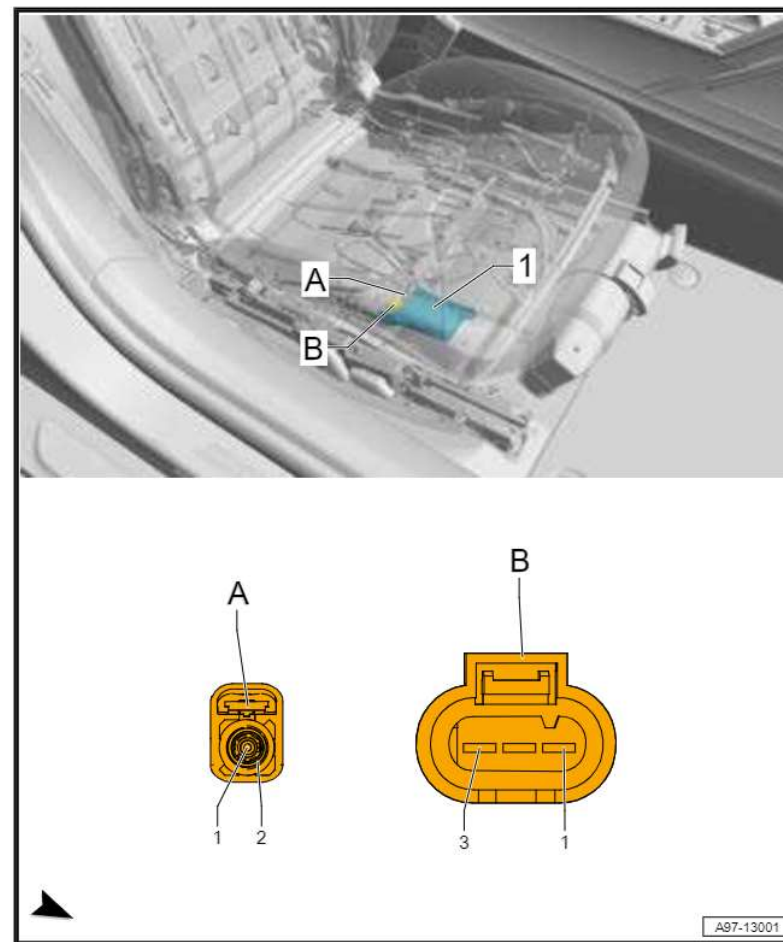
1 - Seat Occupied Recognition Control Module -J706-

A - Double Connector -T2-

B - 3-Pin Connector -T3bi-

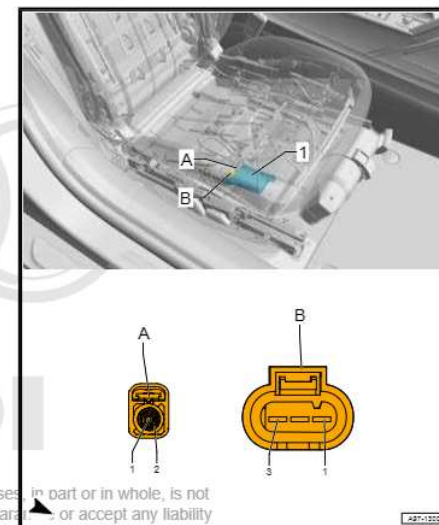


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1.21.2 Passenger occupant detection system control module -J706- , connector views

3-Pin Connector -T3bi-



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T3bi (B)	Designation
1	Terminal 15, from Fuse Carrier 1 ST1 in Fuse Panel C SC
2	Airbag Control Module J234
3	Terminal 31, to 471 Ground Connection 5 (in power seat wiring harness)

1.22 Electronic steering column lock control module J764

- ◆ ⇒ ["1.22.1 Electronic steering column lock control module J764 , location", page 72](#)
- ◆ ⇒ ["1.22.2 Electronic steering column lock control module J764 , connector views", page 74](#)

1.22.1 Electronic steering column lock control module -J764- , location

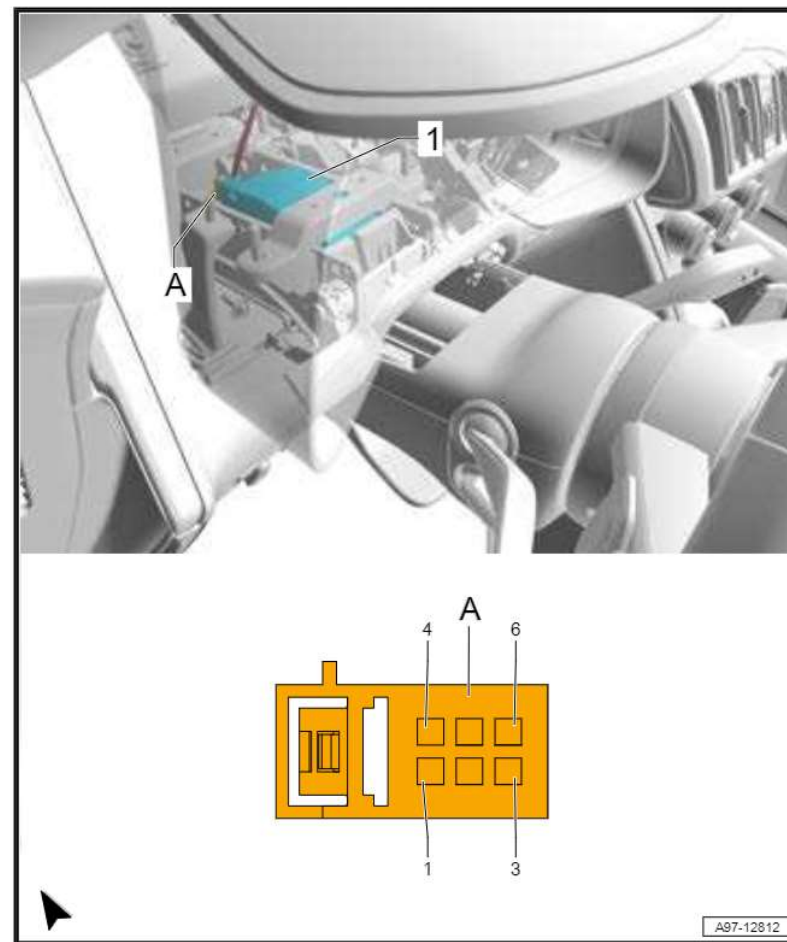
1 - Electronic Steering Column Lock Control Module -J764-

A - 6-Pin Connector -T6s-



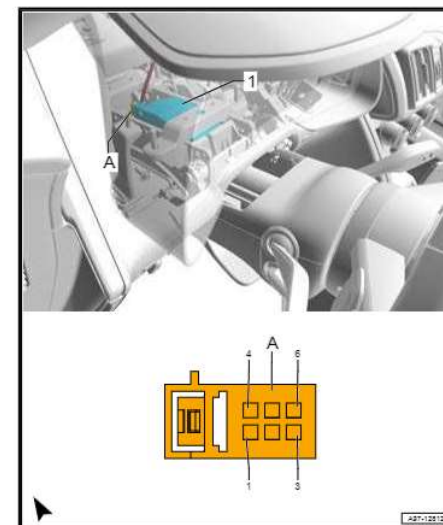
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1.22.2 Electronic steering column lock control module -J764- , connector views

6-Pin Connector -T6s-



T6s (A)	Designation
1	Comfort System Central Control Module J393
2	Vehicle Electrical System Control Module J519
3	Terminal 31, to 664 Ground Connection (behind instrument panel, left)
4	Comfort System Central Control Module J393
5	LIN-Bus, to B698 LIN-Bus Connection 3 (in main wiring harness)
6	Terminal 30, from Fuse Carrier 3, ST3 in Fuse Panel C, SC

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1.23 Rear View Camera System Control Module J772

- ◆ ⇒ ["1.23.1 Rear View Camera System Control Module J772 , location", page 75](#)
- ◆ ⇒ ["1.23.2 Rear View Camera System Control Module J772 , connector views", page 76](#)

1.23.1 Rear View Camera System Control Module -J772- , location



Note

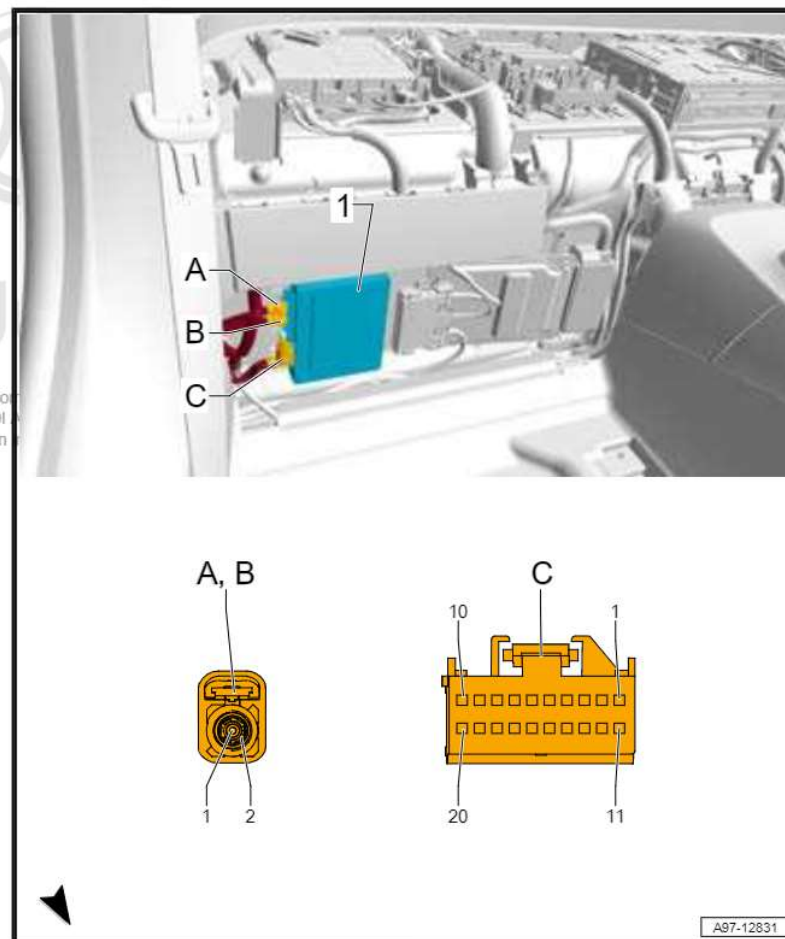
- ◆ The illustration shows installation for models through October 2016.
- ◆ Component Location for models from November 2016 refer to Component Locations: Control modules vehicle rear

1 - Rear View Camera System Control Module -J772-

- A - Double Connector -T2br- , grey
- B - Double Connector -T2bs- , green
- C - 20-Pin Connector -T20a- , black



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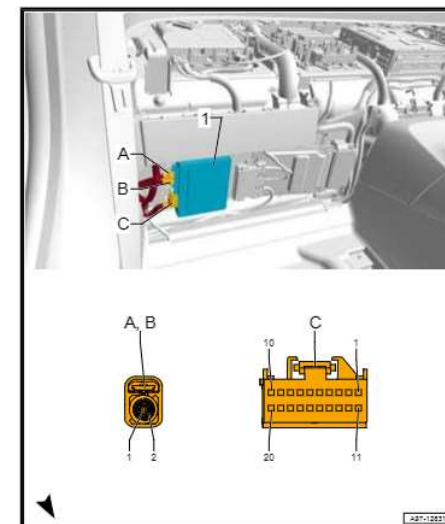


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1.23.2 Rear View Camera System Control Module -J772- , connector views

20-Pin Connector -T20a-

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T20a C)	Designation	T20a (C)	Designation
1		11	CAN-Bus Instrument Cluster, Low, to B709 Instrument cluster CAN bus low connection 1 (in main wiring harness)
2		12	CAN-Bus Instrument Cluster, High, to B708 Instrument cluster CAN bus high connection 1 (in main wiring harness)
3		13	
4		14	
5		15	
6		16	
7		17	
8		18	
9	Rear View Camera R189	19	Rear View Camera R189
10	Terminal 30, from Fuse Carrier 6 ST6 in Fuse Panel C SC	20	Terminal 31, to 35 Ground Connection (below front passenger's seat)

1.24 Active steering control module J792

- ◆ ⇒ ["1.24.1 Active steering control module J792 , location", page 77](#)
- ◆ ⇒ ["1.24.2 Active steering control module J792 , connector views", page 78](#)

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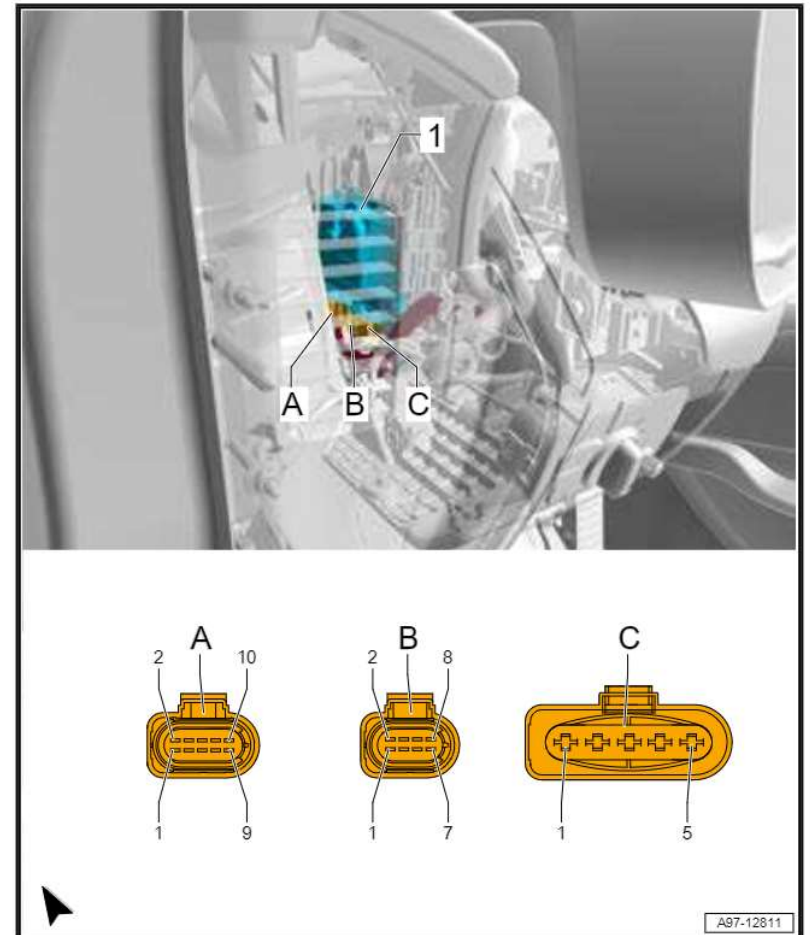
1.24.1 Active steering control module -J792- , location

1 - Active Steering Control Module -J792-

A - 10-Pin Connector -T10i- , black

B - 8-Pin Connector -T8n- , black

C - 5-Pin Connector -T5f- , black

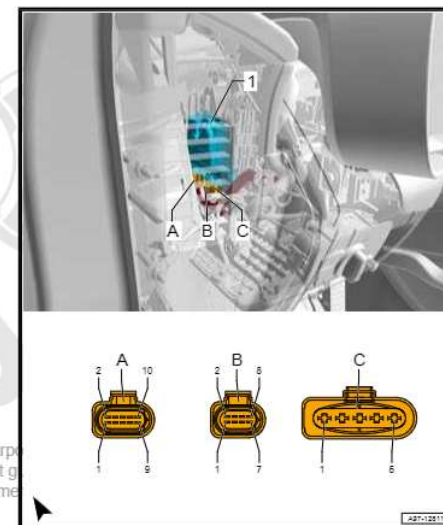


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1.24.2 Active steering control module -J792- , connector views

10-Pin Connector -T10i- / 8-Pin Connector -T8n- / 5-Pin Connector -T5f-



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T10i (A)	Designation	T8n (B)	Designation	T5f (C)	Designation
1	Active steering safety lock actuator F437	1		1	Active Steering Motor V477
2	Active steering safety lock actuator F437	2	Terminal 15, from Fuse Carrier 1 ST1 in Fuse Panel C SC	2	Active Steering Motor V477
3	CAN-Bus suspension sensor Low, to B664 Suspension sensor CAN bus low connection (in main wiring harness)	3	Position sensor signal 4	3	Active Steering Motor V477
4	CAN-Bus suspension sensor High, to B663 Suspension sensor CAN bus high connection (in main wiring harness)	4	Position sensor signal 3	4	Terminal 31, to 670 Ground Connection 2 (on left A-pillar)
5		5	Position sensor signal 2	5	Terminal 30, from Fuse 3 (30) S206 on cover for main fuse carrier
6		6	Position sensor signal 1		
7		7	Ground Supply for Position Sensors		
8		8	Positive supply for position sensors		
9					
10					

1.25 Control Module for Information Electronics 1 J794

- ◆ ⇒ ["1.25.1 Control Module for Information Electronics 1 J794 , location", page 79](#)
- ◆ ⇒ ["1.25.2 Control Module for Information Electronics 1 J794 , connector views, T8h, T12i, T12k", page 80](#)
- ◆ ⇒ ["1.25.3 Control Module for Information Electronics 1 J794 , connector views, T12h, T8g", page 81](#)

1.25.1 Control Module for Information Electronics 1 -J794- , location

1 - Control Module for Information Electronics 1 -J794-

A - 4-Pin Connector -T4cy- , purple

- Antenna connection LTE/GSM

B -

Double Connector -T2hf- , black

- except USA: Antenna connection DAB (black)
- only USA: Antenna connection SAT (brown)
- Installation is equipment-dependent

B - Double Connector -T2hr- , brown

- except USA: Antenna connection DAB (black)
- only USA: Antenna connection SAT (brown)
- Installation is equipment-dependent

C - 8-Pin Connector -T8h- , black

D - 12-Pin Connector -T12i- , grey

E - 12-Pin Connector -T12k- , green

F - 12-Pin Connector -T12h- , blue

G - 8-Pin Connector -T8g- , brown

H - Double Connector -T2cn- , black

- MOST Bus

J - 5-Pin Connector -T5v- , yellow

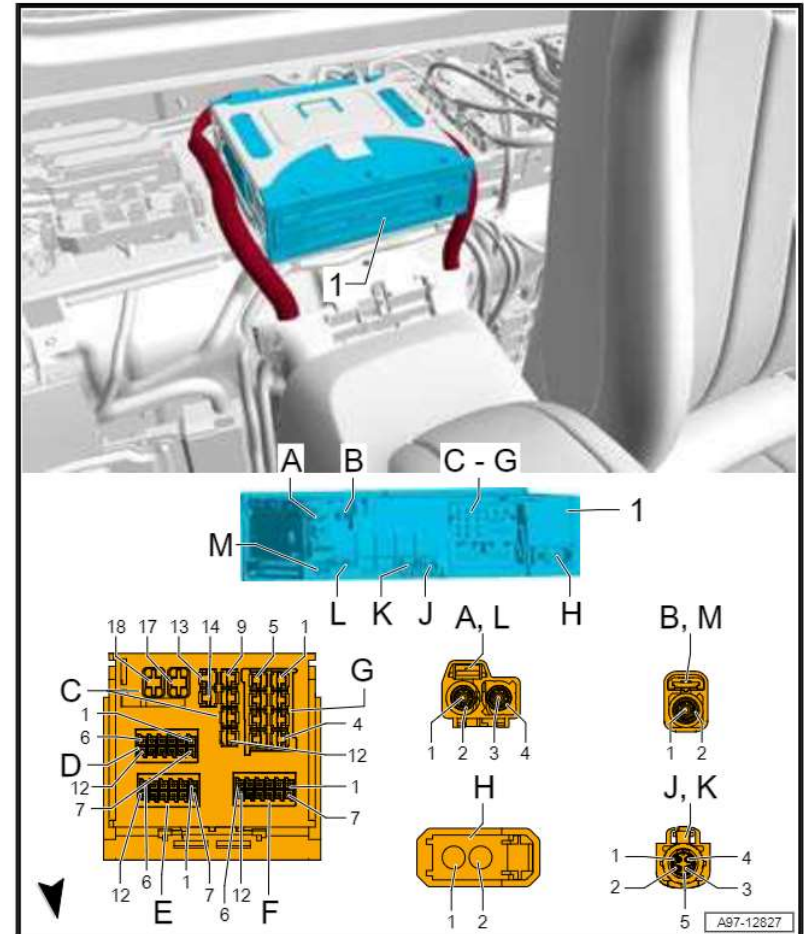
K - 5-Pin Connector -T5s- , grey

L - 4-Pin Connector -T4z- , white

- Antenna connection AM/FM
- Antenna connection FM2

M - Double Connector -T2hq- , blue

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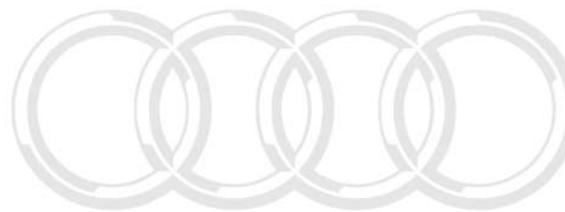


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☐ Antenna connection GPS

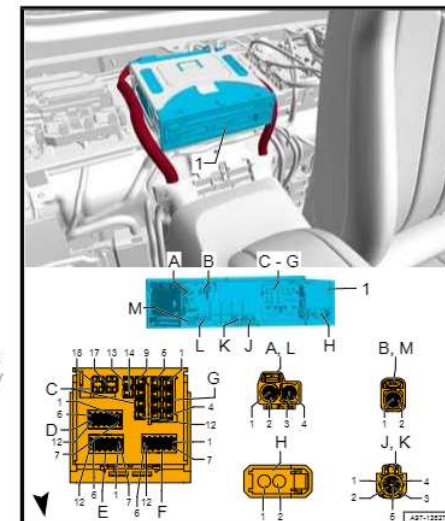
1.25.2 Control Module for Information Electronics 1 -J794- , connector views, T8h, T12i, T12k

12-Pin Connector -T12i- / 12-Pin Connector -T12k- / 8-Pin Connector -T8h-



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T8h (C)	Designation	T12i (D)	Designation	T12k (E)	Designation
9		1	CAN Bus, Control Module for Information Electronics 1 High, to E145 Connection 1 (CAN Bus, Control Module for Information Electronics 1, High)	1	External Audio Source Connector R199, AUX-In Ground
10	Center speaker R208 <sup>1)</sup>	2	Multimedia Control Head E380	2	External Audio Source Connector R199, AUX-In right
11		3	Ringbreak diagnosis, to B444 OBD connection 1 (in main wiring harness)	3	External Audio Source Connector R199, USB Ground
12		4		4	
13		5	Chip Card Reader Control Module J676/ Amplifier for telephone R86/ telephone baseplate R126	5	
14	Center speaker R208 <sup>1)</sup>	6	CAN-Bus Instrument Cluster, High, to A204 CAN-Bus High Instrument Cluster Connection (in instrument panel wiring harness)	6	
17	Terminal 31, to 688 Ground Connection 2 (on Center Tunnel)	7	CAN Bus, Control Module for Information Electronics 1 Low, to E147 Connection 1 (CAN Bus, Control Module for Information Electronics 1, Low)	7	External Audio Source Connector R199, AUX-In left

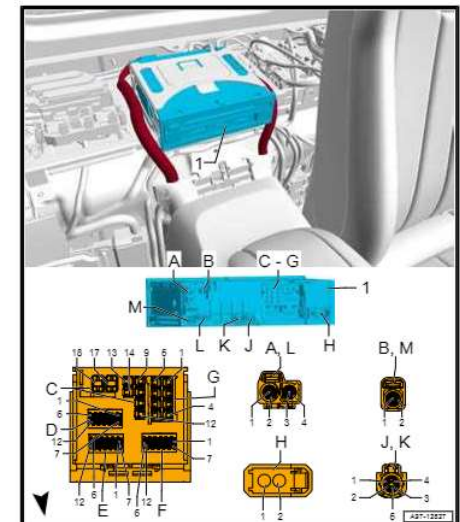
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T8h (C)	Designation	T12i (D)	Designation	T12k (E)	Designation
18	Terminal 30, from Fuse Carrier 6 ST6 in Fuse Panel C SC	8	Multimedia Control Head E380	8	External Audio Source Connector R199, Ground-shielding
		9		9	
		10		10	
		11	Telephone Baseplate R126	11	
		12	CAN-Bus Instrument Cluster, Low, to A205 CAN-Bus Low Instrument Cluster Connection (in instrument panel wiring harness)	12	

1) Only models without Digital Sound System Control Module - J525-

### 1.25.3 Control Module for Information Electronics 1 -J794- , connector views, T12h, T8g

12-Pin Connector -T12h- / 8-Pin Connector -T8g-



T12h (F)	Designation	T8g (G)	Designation
1	Seat Belt Microphone Control Module J886	1	Right Front Treble Speaker R22 1)
2	Seat Belt Microphone Control Module J886	2	Right Front Bass Speaker R23 1)
3		3	Left Front Bass Speaker R21 1)
4		4	Left Front Treble Speaker R20 1)
5		5	Right Front Treble Speaker R22 1)

T12h (F)	Designation	T8g (G)	Designation
6	Rear View Camera System Control Module J772	6	Right Front Bass Speaker R23 <sup>1)</sup>
7	Seat Belt Microphone Control Module J886	7	Left Front Bass Speaker R21 <sup>1)</sup>
8	Seat Belt Microphone Control Module J886	8	Left Front Treble Speaker R20 <sup>1)</sup>
9			
10			
11			
12	Rear View Camera System Control Module J772		

<sup>1)</sup> Only models without Digital Sound System Control Module - J525-

## 1.26 Vehicle positioning system interface control module J843

- ◆ ⇒ ["1.26.1 Vehicle positioning system interface control module J843 , location", page 82](#)
- ◆ ⇒ ["1.26.2 Vehicle positioning system interface control module J843 , connector views", page 84](#)

### 1.26.1 Vehicle positioning system interface control module J843 , location

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1 - Vehicle positioning system interface control module -J843-

A - 12-Pin Connector -T12-

Not used

B - 12-Pin Connector -T12b- , brown

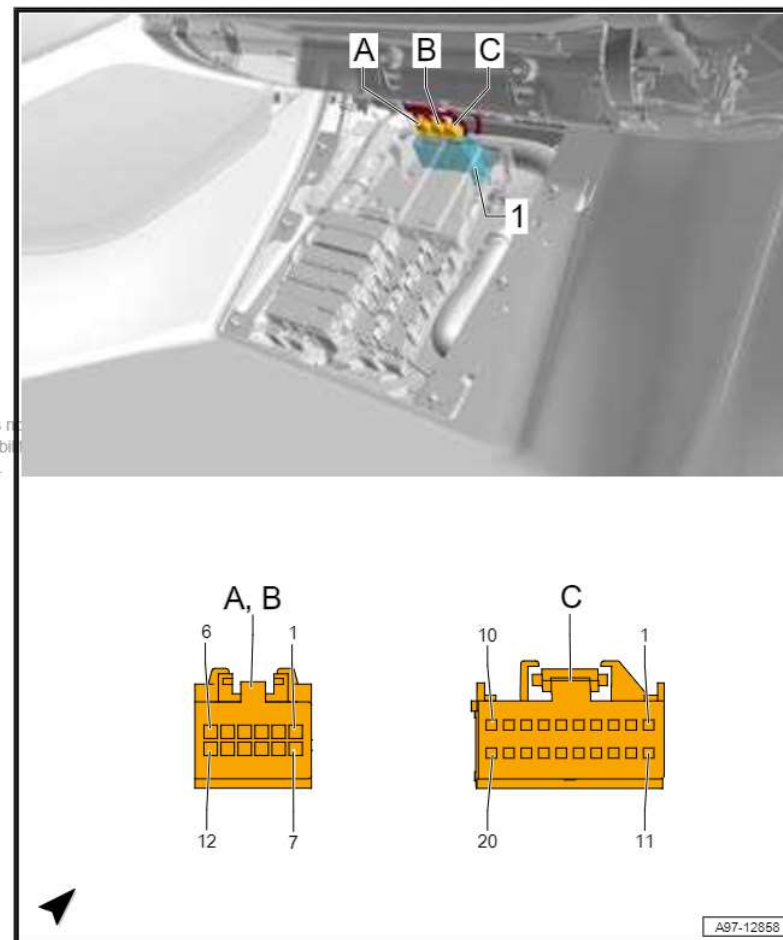
C - 20-Pin Connector -T20-

Not used



Audi

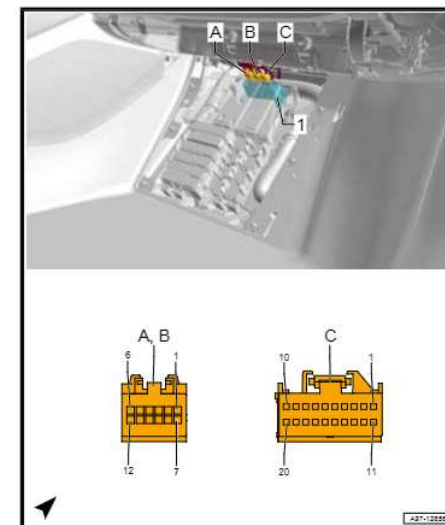
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1.26.2 Vehicle positioning system interface control module -J843- , connector views

12-Pin Connector -T12b-



T12b (B)	Designation	T12b (B)	Designation
1		7	Comfort System CAN-Bus High, to B398 Comfort System CAN-Bus High Connection 2 (in main wiring harness)
2		8	Comfort System CAN-Bus Low, to B407 Comfort System CAN-Bus Low Connection 2 (in main wiring harness)
3	Terminal 30, from Fuse Carrier 5 ST5 in Fuse Panel C SC	9	
4		10	
5		11	
6	Terminal 31, to 751 Ground Connection 2 (on right A-pillar)	12	

1.27 Automatic high beam assist control module J844

- ◆ ⇒ ["1.27.1 Automatic high beam assist control module J844 , location", page 84](#)
- ◆ ⇒ ["1.27.2 Automatic high beam assist control module J844 , connector views", page 86](#)

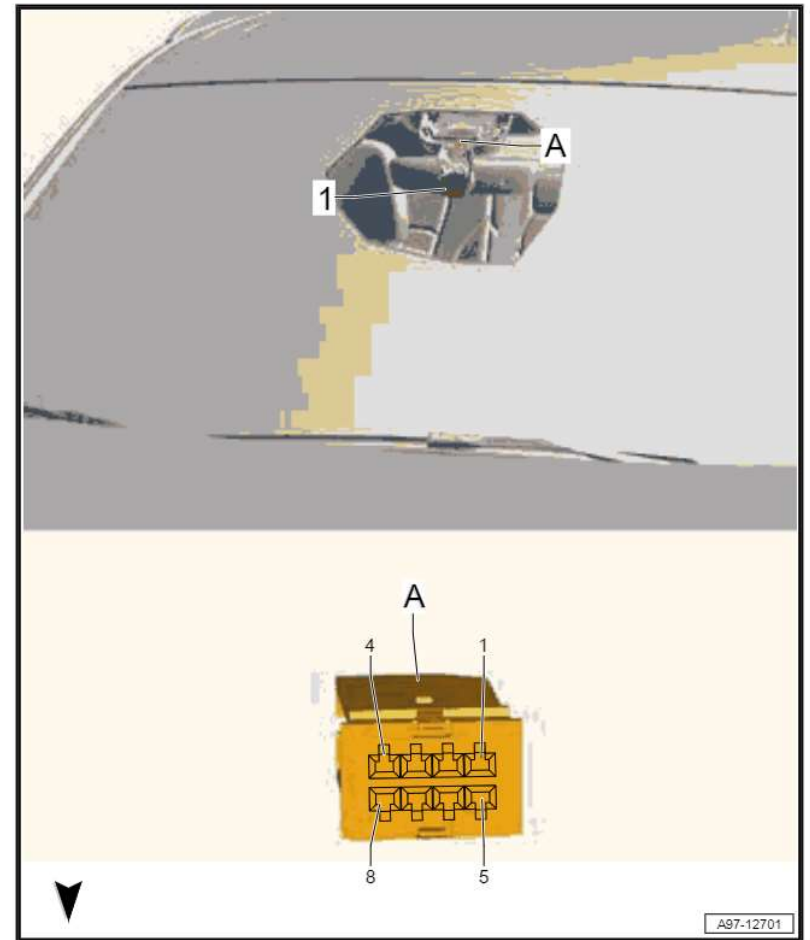
1.27.1 Automatic high beam assist control module -J844- , location

1 - Automatic High Beam Assist Control Module -J844-

A - 8-Pin Connector -T8b- , black



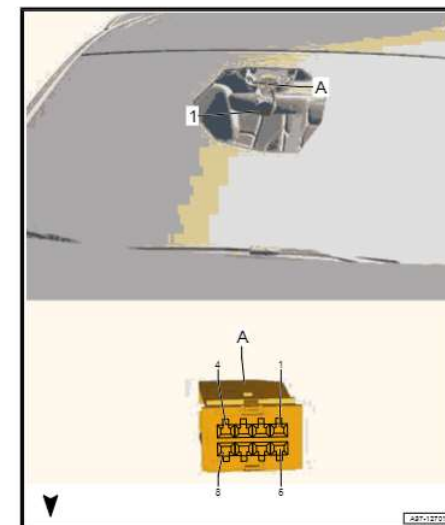
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1.27.2 Automatic high beam assist control module -J844- , connector views

8-Pin Connector -T8b-



T8b (A)	Designation	T8b (A)	Designation
1	Terminal 15, from Fuse Carrier 1 ST1 in Fuse Panel C SC	5	Mirror Dimming Signal Line, to B428 Mirror auto-dimming signal connection 2 (in main wiring harness)
2	Terminal 31, to 689 Ground connection (on center/front roof)	6	Roof Electronics Control Module J528
3	Extended System CAN-Bus High, to B108 CAN-Bus Extended High Connection 1 (in main wiring harness)	7	
4	Mirror Dimming Signal Line, to B427 Mirror auto-dimming signal connection 1 (in main wiring harness)	8	Extended System CAN-Bus Low, from B109 CAN-Bus Extended Low Connection 1 (in main wiring harness)

1.28 Sensor electronics control module J849

- ◆ ⇒ ["1.28.1 Sensor electronics control module J849 , location", page 86](#)
- ◆ ⇒ ["1.28.2 Sensor electronics control module J849 , connector views", page 88](#)

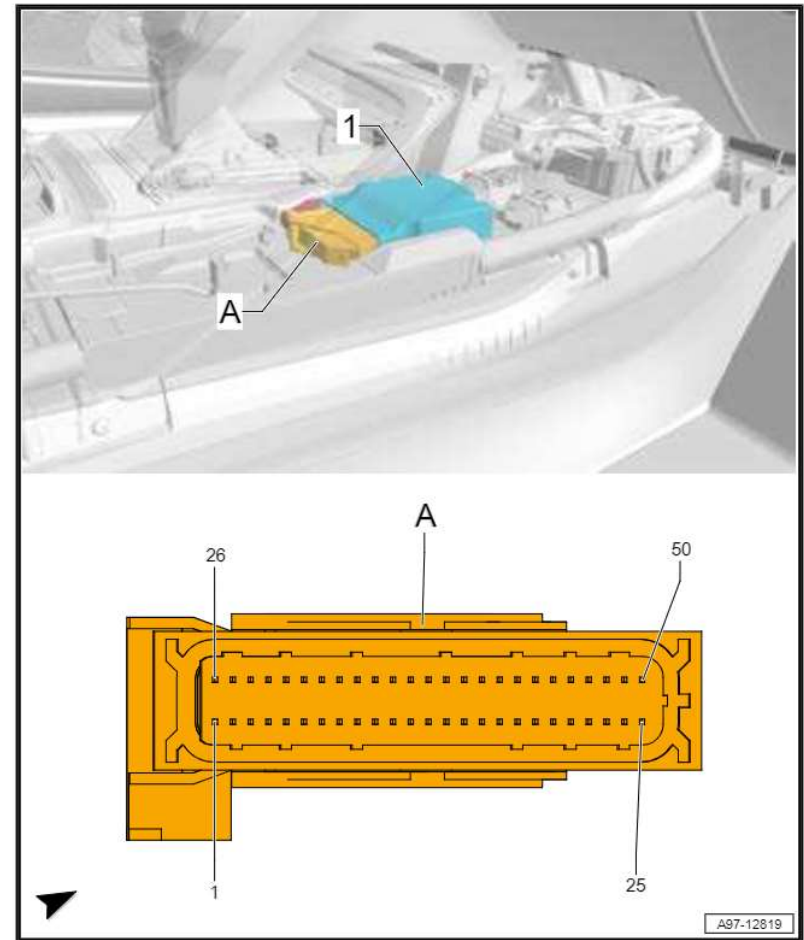
1.28.1 Sensor electronics control module -J849- , location

1 - Sensor Electronics Control Module -J849-

A - 50-Pin Connector -T50a- , yellow

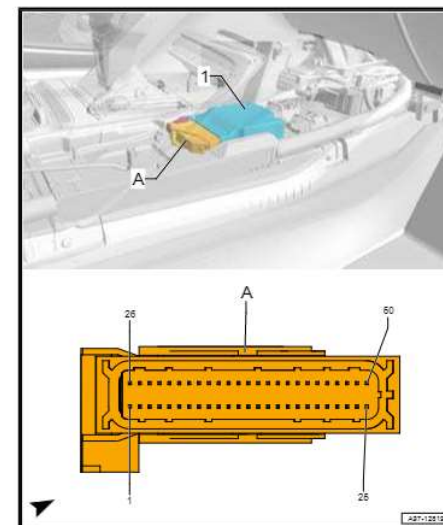


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1.28.2 Sensor electronics control module  
-J849- , connector views

50-Pin Connector -T50a-



T50a (A)	Designation	T50a (A)	Designation
1		26	Terminal 31, to 687 Ground Connection 1 (on Center Tunnel)
2		27	
3	Terminal 15, from Fuse Carrier 1 ST1 in Fuse Panel C SC	28	
4		29	
5		30	
6		31	
7		32	
8		33	
9		34	
10		35	
11		36	
12		37	
13		38	
14		39	
15		40	
16		41	
17		42	
18		43	

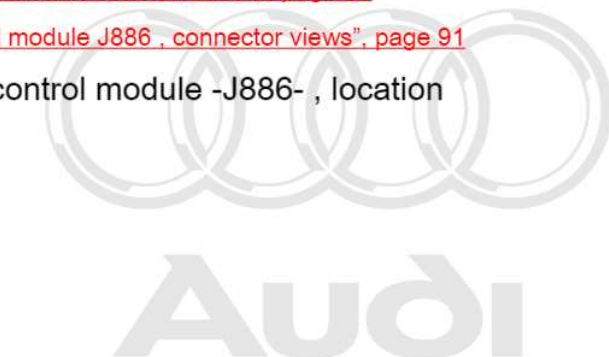
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T50a (A)	Designation	T50a (A)	Designation
19	FlexRay-Bus, from Data Bus On Board Diagnostic Interface J533	44	
20	FlexRay-Bus, from Data Bus On Board Diagnostic Interface J533	45	
21		46	
22		47	
23		48	
24		49	
25		50	

### 1.29 Seat belt microphone control module J886

- ◆ ⇒ ["1.29.1 Seat belt microphone control module J886 , location", page 89](#)
- ◆ ⇒ ["1.29.2 Seat belt microphone control module J886 , connector views", page 91](#)

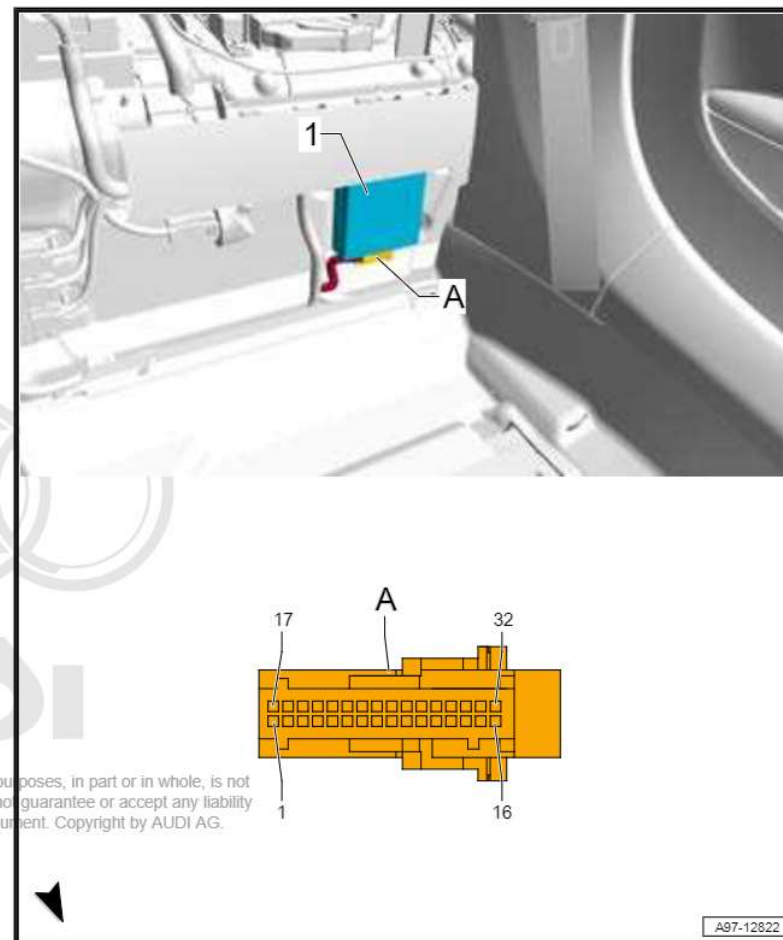
#### 1.29.1 Seat belt microphone control module -J886- , location



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1 - Seat Belt Microphone Control Module -J886-

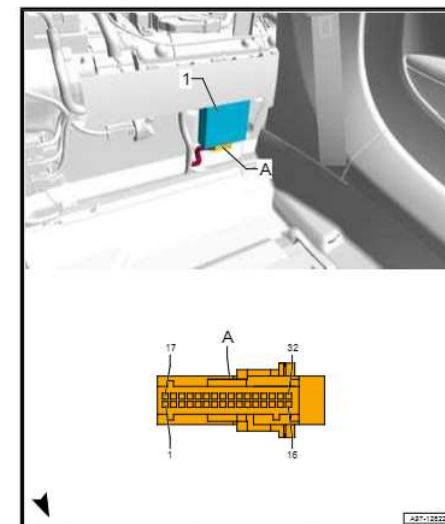
A - 32-Pin Connector -T32g- , black



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1.29.2 Seat belt microphone control module  
-J886- , connector views

32-Pin Connector -T32g-



T32g (A)	Designation	T32g (A)	Designation
1	Telephone Microphone R38 in Microphone Unit (in front roof module) R164	17	Telephone Microphone R38 in Microphone Unit (in front roof module) R164
2	Driver microphone 1 R224	18	Front passenger microphone 1 R227
3	Driver microphone 2 R225	19	Front passenger microphone 2 R228
4	Driver microphone 3 R226	20	Front passenger microphone 3 R229
5	Shielding Driver Microphone	21	Shielding Front Passenger Microphone
6	Positive Supply Driver Microphone	22	Positive Supply Front Passenger Microphone
7	Ground Supply Driver Microphone	23	Ground Supply Front Passenger Microphone
8	Terminal 31, to 688 Ground Connection 2 (on Center Tunnel)	24	
9	Control Module for Information Electronics 1 J794	25	Control Module for Information Electronics 1 J794
10	Control Module for Information Electronics 1 J794	26	Control Module for Information Electronics 1 J794
11		27	
12		28	
13		29	
14	Terminal 30, from Fuse Carrier 6 ST6 in Fuse Panel C SC	30	
15		31	
16	CAN-Bus Instrument Cluster, High, to B708 Instrument cluster CAN bus high connection 1 (in main wiring harness)	32	CAN-Bus Instrument Cluster, Low, to B709 Instrument cluster CAN bus low connection 1 (in main wiring harness)

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## 1.30 TV Tuner R78

- ◆ ⇒ [“1.30.1 TV Tuner R78 , location, Coupé”, page 92](#)
- ◆ ⇒ [“1.30.2 TV Tuner R78 , connector views, Coupé”, page 94](#)
- ◆ ⇒ [“1.30.3 TV Tuner R78 , location, Spyder”, page 94](#)
- ◆ ⇒ [“1.30.4 TV Tuner R78 , connector views, Spyder”, page 96](#)

## 1.30.1 TV Tuner -R78- , location, Coupé

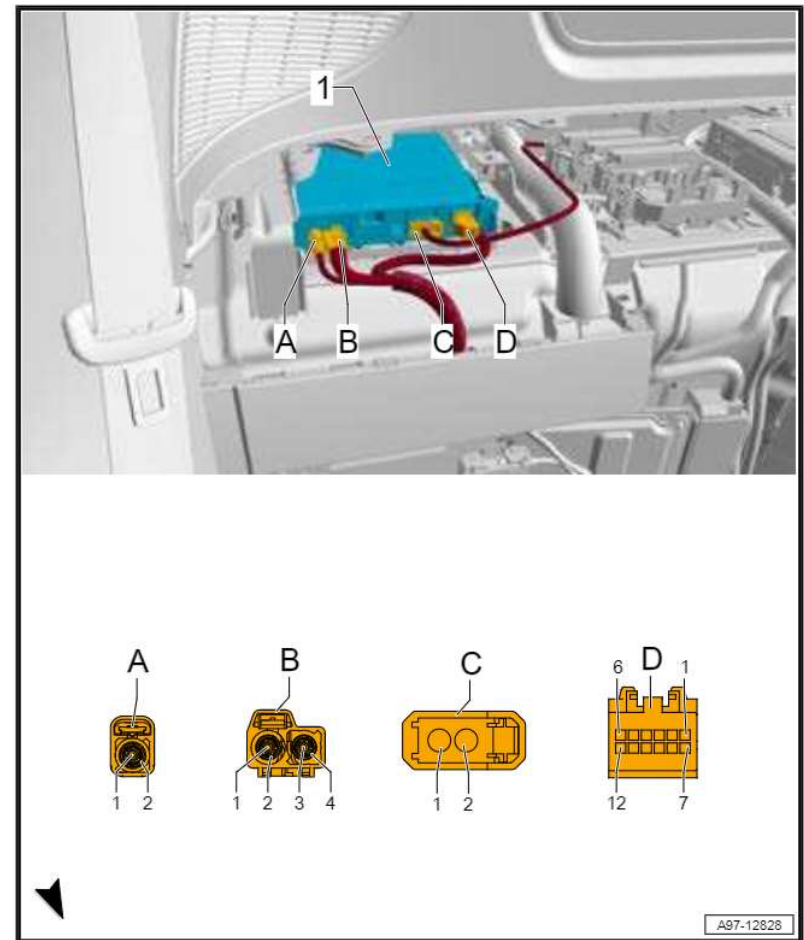


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- 1 - TV Tuner -R78-
- A - Double Connector -T2bo- , brown
- B - 4-Pin Connector -T4q- , green
- C - Double Connector -T2v- , black
- MOST Bus
- D - 12-Pin Connector -T12f- , black



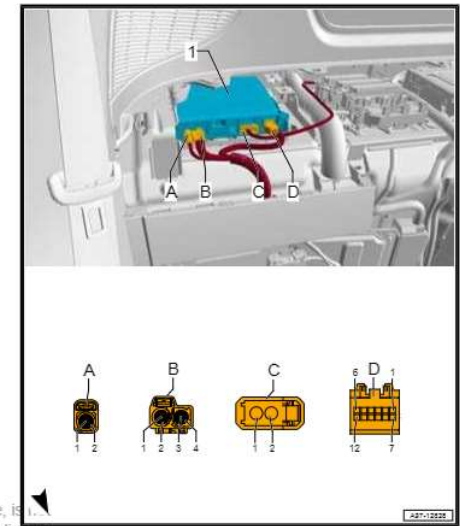
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1.30.2 TV Tuner -R78- , connector views, Coupé

12-Pin Connector -T12f-



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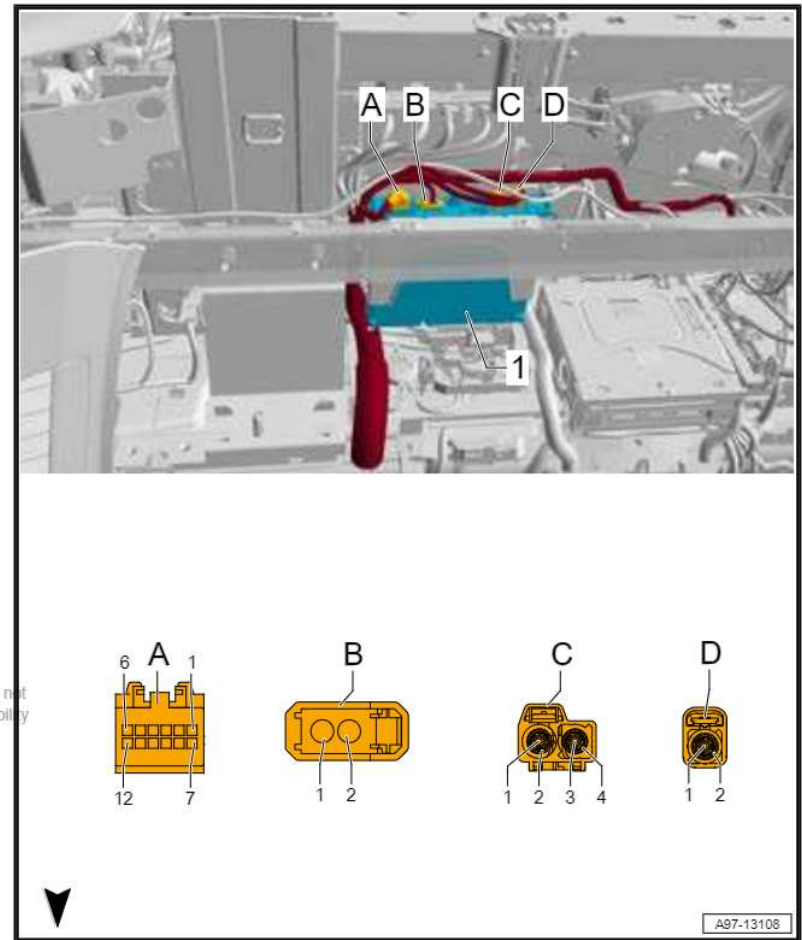
T12f (D)	Designation	T12f (D)	Designation
1	Terminal 30, from Fuse Carrier 2 ST2 in Fuse Panel D SD	7	
2	Terminal 31, to 688 Ground Connection 2 (on Center Tunnel)	8	
3	Ringbreak diagnosis, to B444 OBD connection 1 (in main wiring harness)	9	
4		10	
5		11	
6		12	

1.30.3 TV Tuner -R78- , location, Spyder

- 1 - TV Tuner -R78-
- A - 12-Pin Connector -T12f- , black
- B - Double Connector -T2v- , black
- MOST Bus
- C - 4-Pin Connector -T4q- , green
- D - Double Connector -T2bo- , brown

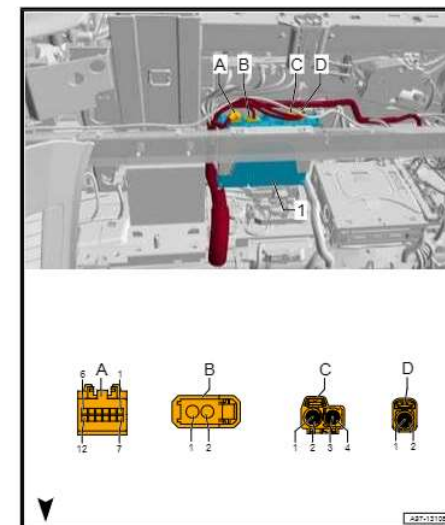


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1.30.4 TV Tuner -R78- , connector views,  
Spyder

12-Pin Connector -T12f-



T12f (A)	Designation	T12f (A)	Designation
1	Terminal 30, from Fuse Carrier 2 ST2 in Fuse Panel D SD	7	
2	Terminal 31, to 688 Ground Connection 2 (on Center Tunnel)	8	
3	Ringbreak diagnosis, to B444 OBD connection 1 (in main wiring harness)	9	
4		10	
5		11	
6		12	

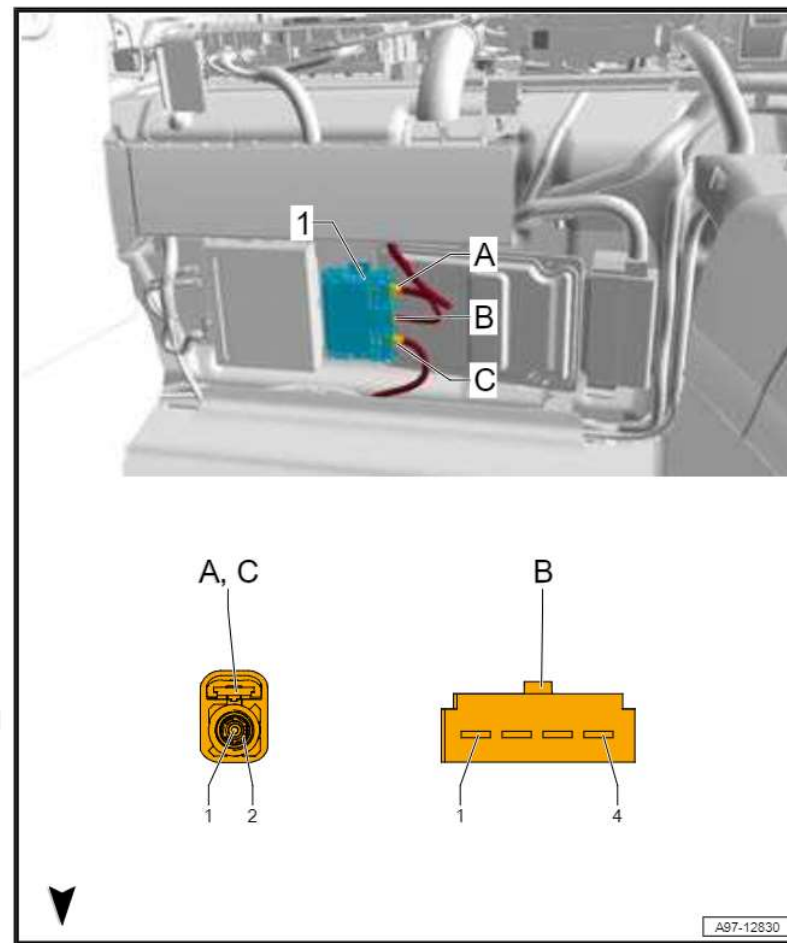
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1.31 Amplifier for Telephone R86

- ◆ ⇒ ["1.31.1 Amplifier for Telephone R86 , location", page 96](#)
- ◆ ⇒ ["1.31.2 Amplifier for Telephone R86 , connector views", page 98](#)

1.31.1 Amplifier for Telephone -R86- , location

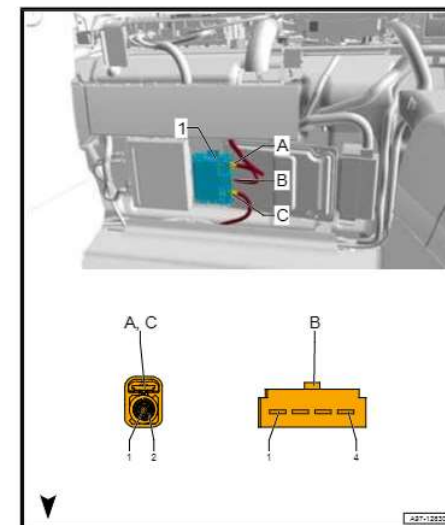
- 1 - Amplifier for Telephone -R86-
- A - Double Connector -T2ho- , black
- B - 4-Pin Connector -T4p- , black
- C - Double Connector -T2bn- , purple



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1.31.2 Amplifier for Telephone -R86- ,  
connector views

4-Pin Connector -T4p-



T4p (B)	Designation
1	Terminal 30, from Fuse Carrier 2 ST2 in Fuse Panel FD SD
2	Terminal 31, to 35 Ground Connection (below front passenger's seat)
3	Control Module for Information Electronics 1 J794
4	



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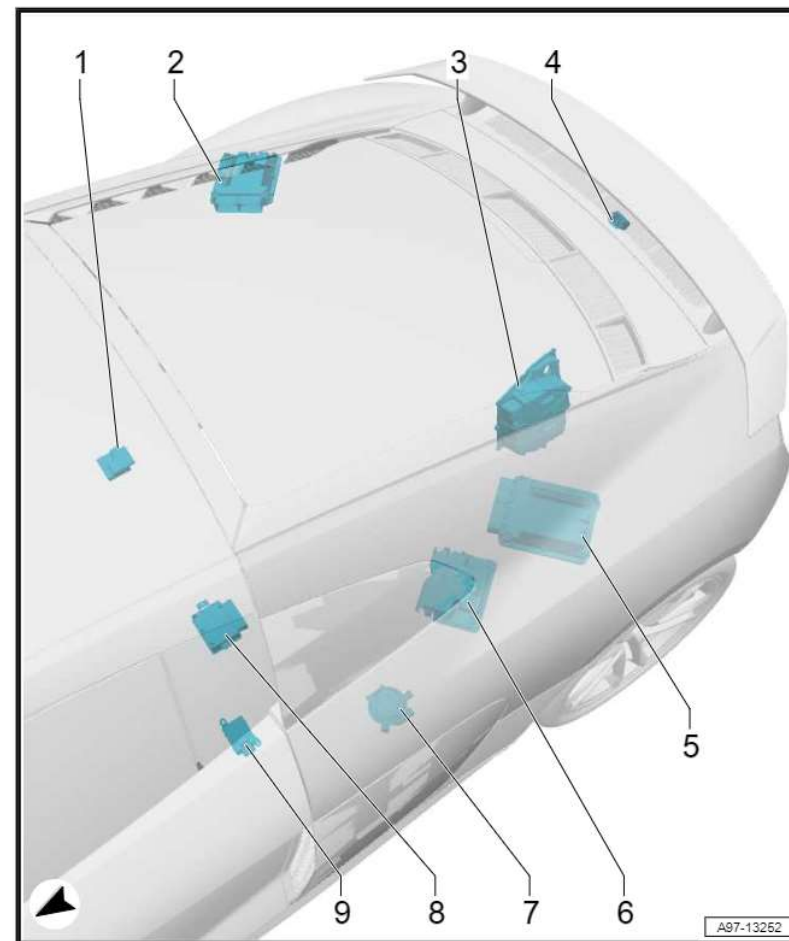
1 Comp. Loc. Vehicle Rear Modules

1.1 Vehicle Rear Modules Overview

- 1 - ⇒ ["1.3 Fuel Pump \(FP\) Control Module J538", page 3](#)
- 2 - ⇒ ["1.5 Engine Control Module \(ECM\) J623 / Engine Control Module \(ECM\) 2 J624", page 8](#)
- 3 - ⇒ ["1.6 Direct Shift Gearbox \(DSG\) Mechatronic J743", page 9](#)
- 4 - ⇒ ["1.7 Rear View Camera System Control Module J772", page 11](#)
- 5 - ⇒ ["1.5 Engine Control Module \(ECM\) J623 / Engine Control Module \(ECM\) 2 J624", page 8](#)
- 6 - ⇒ ["1.9 Transmission Control Module 2 \(TCM\) J1006", page 15](#)
- 7 - ⇒ ["1.8 Fuel tank leak detection control module J909", page 13](#)
- 8 - ⇒ ["1.4 Electromechanical parking brake control module J540", page 5](#)
- 9 - ⇒ ["1.2 Tire Pressure Monitoring Control Module J502", page 2](#)



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1.2 Tire Pressure Monitoring Control Module J502

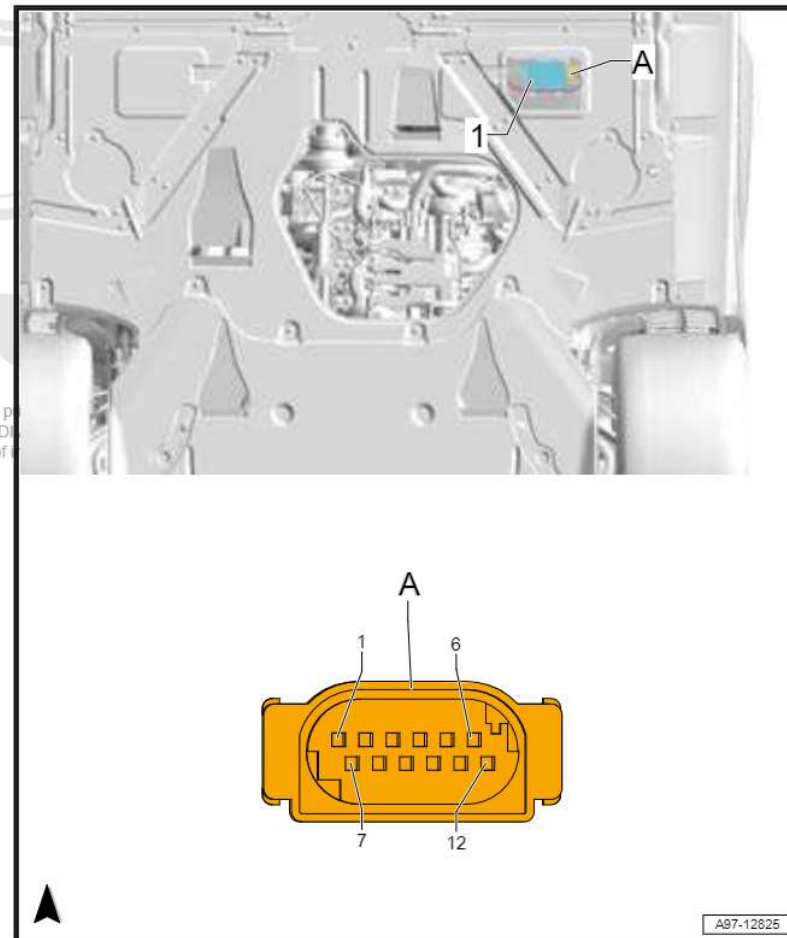
- ◆ ⇒ "1.2.1 Tire Pressure Monitoring Control Module J502 , location", page 2
- ◆ ⇒ "1.2.2 Tire Pressure Monitoring Control Module J502 , connector view", page 3

1.2.1 Tire Pressure Monitoring Control Module -J502- , location

1 - Tire Pressure Monitoring Control Module -J502-

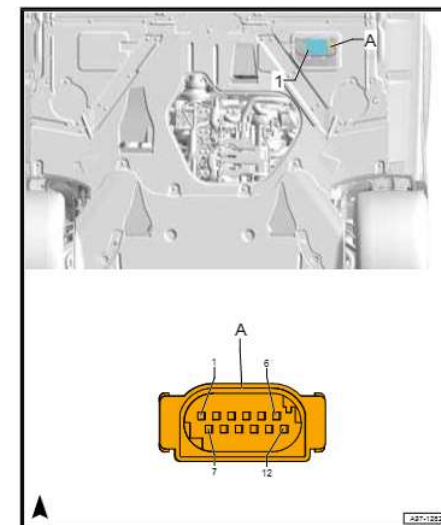
A - 12-Pin Connector -T12e- , black

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1.2.2 Tire Pressure Monitoring Control Module -J502- , connector view

12-Pin Connector -T12e-



T12e (A)	Designation	T12e (A)	Designation
1		7	CAN-Bus Instrument Cluster, High, to B708 Instrument cluster CAN bus high connection 1 (in main wiring harness)
2		8	CAN-Bus Instrument Cluster, Low, to B709 Instrument cluster CAN bus low connection 1 (in main wiring harness)
3	Ground Supply for Tire Pressure Monitoring Sensors G222/G223/ G224/ G225	9	Left Front Tire Pressure Monitoring Sensor G222/Left Front Tire Pressure Monitoring Antenna R59
4	Right Front Tire Pressure Monitoring Sensor G223/Right Front Tire Pressure Monitoring Antenna R60	10	Left Rear Tire Pressure Monitoring Sensor G224/Left Rear Tire Pressure Monitoring Antenna R61
5	Right Rear Tire Pressure Monitoring Sensor G225/Right Rear Tire Pressure Monitoring Antenna R62	11	Data Wire to Tire Pressure Monitoring Sensors G222/G223/G224/ G225
6	Terminal 30, from Fuse Carrier 1 ST1 in Fuse Panel D SD	12	Terminal 31, to 758 Ground Connection 3 (on Center Tunnel)

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1.3 Fuel Pump (FP) Control Module J538

- ◆ ⇒ ["1.3.1 Fuel Pump \(FP\) Control Module J538 , location", page 3](#)
- ◆ ⇒ ["1.3.2 Fuel Pump \(FP\) Control Module J538 , connector views", page 5](#)

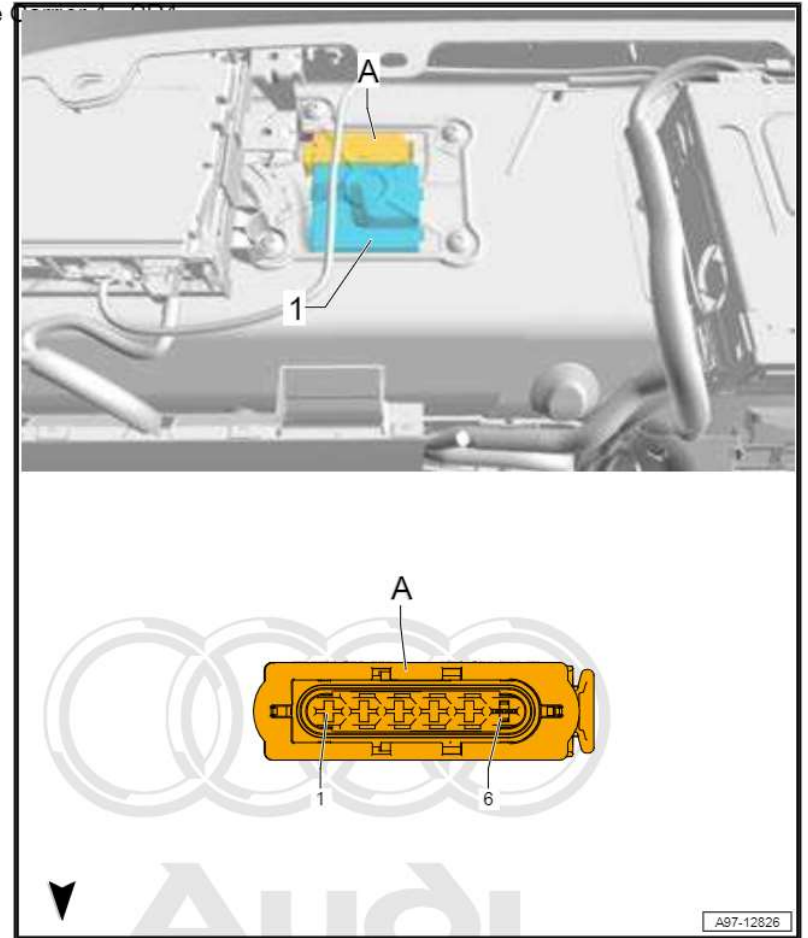
1.3.1 Fuel Pump (FP) Control Module -J538- , location



On the underside of the cover for the fuel tank sealing flange on the right under the Relay and Fuse

1 - Fuel Pump (FP) Control Module -J538-

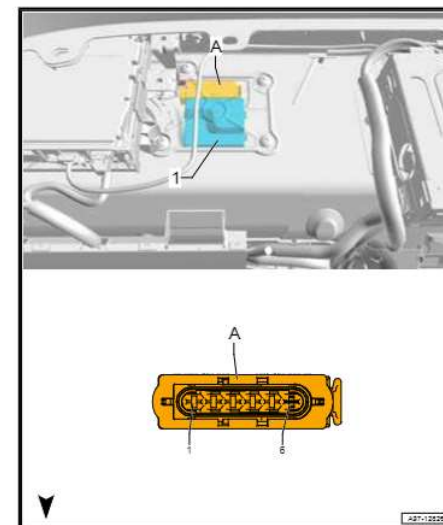
A - 6-Pin Connector -T6h- , black



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1.3.2 Fuel Pump (FP) Control Module  
-J538-, connector views

6-Pin Connector -T6h-



T6h (A)	Designation
1	Transfer Fuel Pump (FP) G6
2	Transfer Fuel Pump (FP) G6
3	Transfer Fuel Pump (FP) G6
4	Terminal 31, to 35 Ground Connection (below front passenger's seat)
5	Terminal 30, from Fuse Carrier 1 ST1 in Fuse Panel D SD
6	Engine Control Module (ECM) J623

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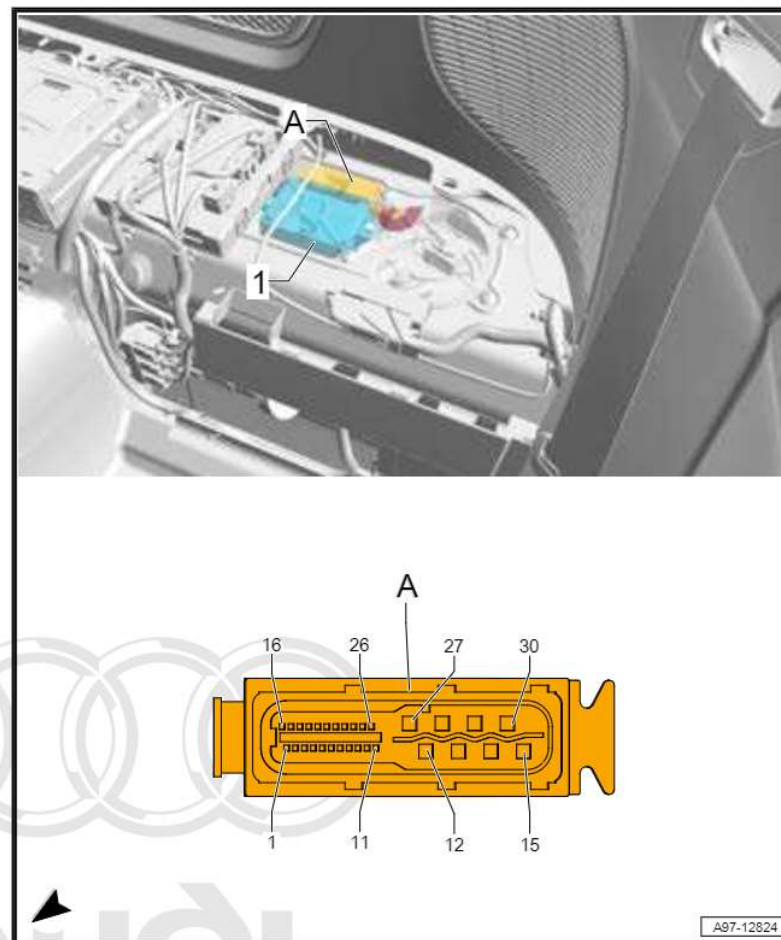
1.4 Electromechanical parking brake control module J540

- ◆ ⇒ ["1.4.1 Electromechanical parking brake control module J540 , location", page 5](#)
- ◆ . ⇒ ["1.4.2 Electromechanical parking brake control module J540 , connector views", page 7](#)

1.4.1 Electromechanical parking brake control module -J540-, location

1 - Electro-Mechanical Parking Brake Control Module -J540-

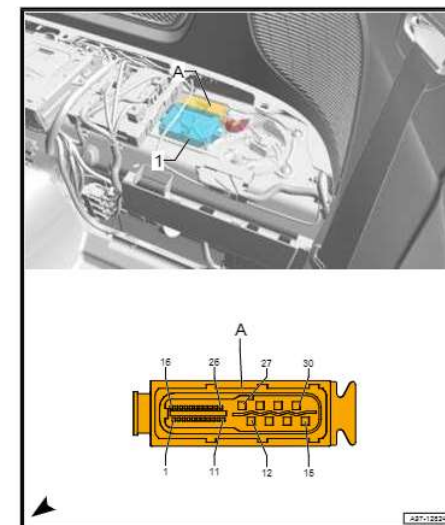
A - 30-Pin Connector -T30a- , black



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1.4.2 Electromechanical parking brake control module -J540- , connector views

30-Pin Connector -T30a-



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T30a (A)	Designation	T30a (A)	Designation	T30a (A)	Designation
1		11		21	
2		12	Right Parking Brake Motor V283	22	Terminal 15, from Fuse Carrier 2ST2 in Fuse Panel D SD
3		13	Terminal 30, from Fuse Carrier 1 ST1 in Fuse Panel D SD	23	
4		14	Left Parking Brake Motor V282	24	
5		15	Terminal 30, from Fuse Carrier 1 ST1 in Fuse Panel D SD	25	
6		16	CAN-Bus suspension sensor High, to B663 Suspension sensor CAN bus high connection (in main wiring harness) <sup>1)</sup> B773 Suspension sensor CAN bus high connection 2 (in main wiring harness) <sup>2)</sup>	26	
7		17	CAN-Bus suspension sensor Low, to B664 Suspension sensor CAN bus low connection (in main wiring harness) <sup>1)</sup> B783 Suspension sensor CAN bus low connection 2 (in main wiring harness) <sup>2)</sup>	27	Right Parking Brake Motor V283
8	Electro-mechanical Parking Brake Indicator Lamp K213 in Electro-Mechanical Parking Brake Button E538	18	Mechanical Parking Brake Button E538	28	Terminal 31, to 758 Ground Connection 3 (on Center Tunnel)
9	Mechanical Parking Brake Button E538	19	Mechanical Parking Brake Button E538	29	Left Parking Brake Motor V282

T30a (A)	Designation	T30a (A)	Designation	T30a (A)	Designation
10	Mechanical Parking Brake Button E538	20		30	Terminal 31, to 758 Ground Connection 3 (on Center Tunnel)

1) Models without Electronic Damping Control Module

2) Models with Electronic Damping Control Module

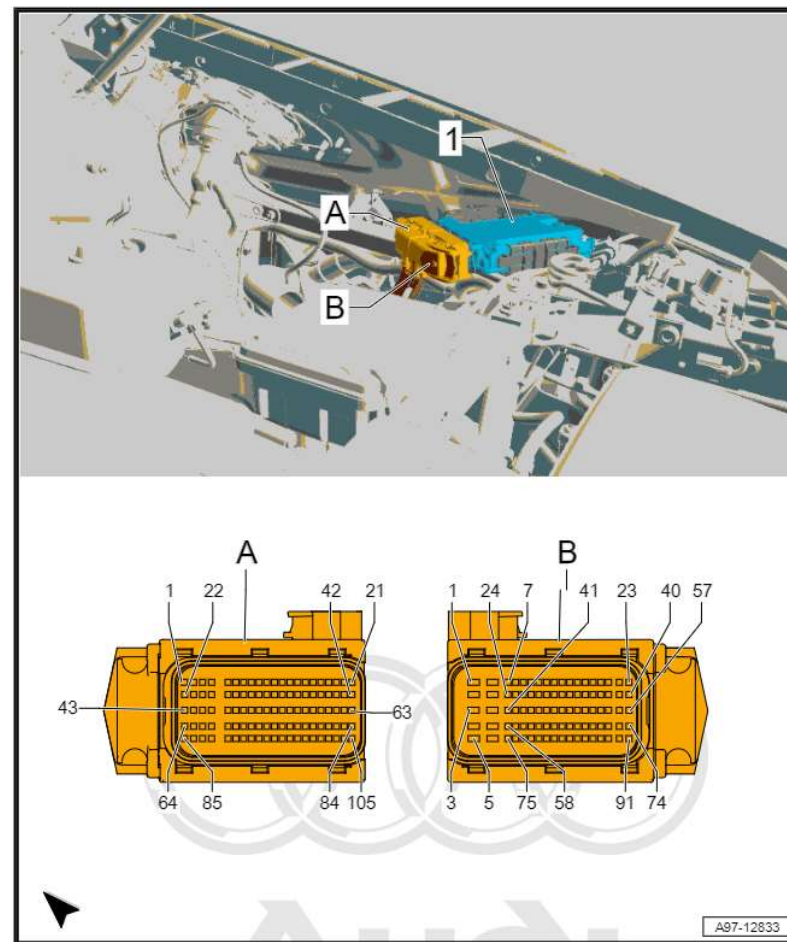
## 1.5 Engine Control Module (ECM) J623 / Engine Control Module (ECM) 2 J624



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- 1 - Engine Control Module (ECM) -J623-
- 1 - Engine Control Module (ECM) 2 -J624-

- A - 91-Pin Connector -T91a-
  - ❑ T91a for Engine Control Module (ECM)
- A - 91-Pin Connector -T91b-
  - ❑ T91b for Engine Control Module (ECM) 2
- B - 105-Pin Connector -T105a-
  - ❑ T105a for Engine Control Module (ECM)
- B - 105-Pin Connector -T105b-
  - ❑ T105b for Engine Control Module (ECM) 2



### 1.6 Direct Shift Gearbox (DSG) Mechatronic J743

- ◆ ⇒ ["1.6.1 Direct Shift Gearbox \(DSG\) Mechatronic J743 , location", page 10](#)
- ◆ ⇒ ["1.6.2 Direct Shift Gearbox \(DSG\) Mechatronic J743 , connector views", page 11](#)

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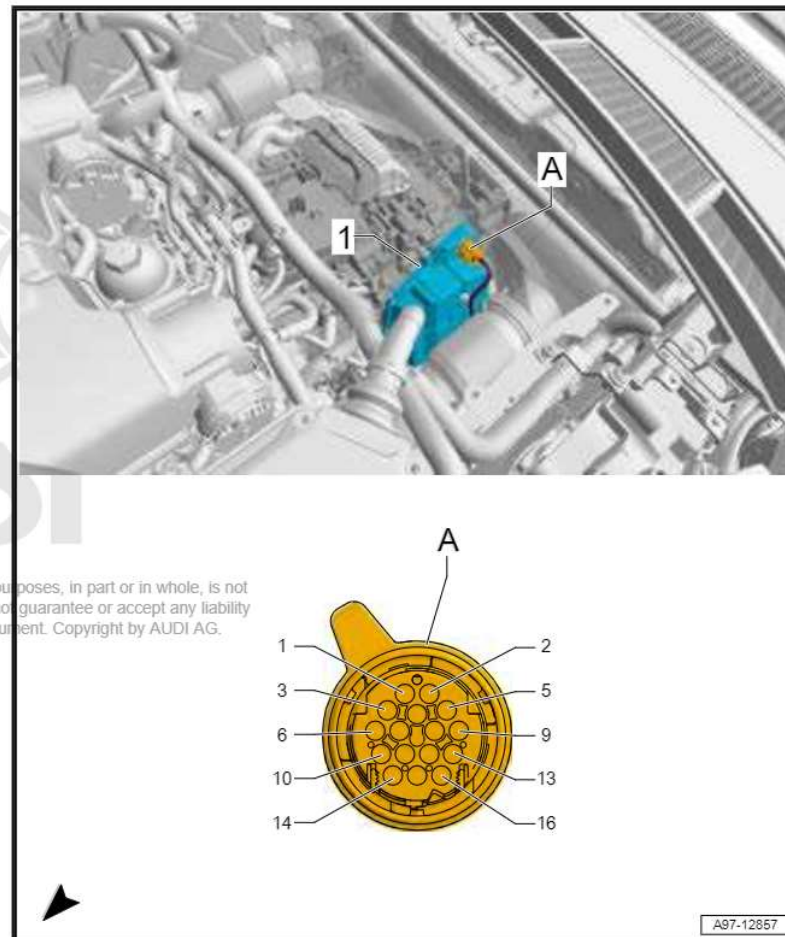
1.6.1 Direct Shift Gearbox (DSG) Mechatronic -J743- , location

1 - Direct Shift Gearbox (DSG) Mechatronic -J743-

A - 16-Pin Connector -T16c- , black

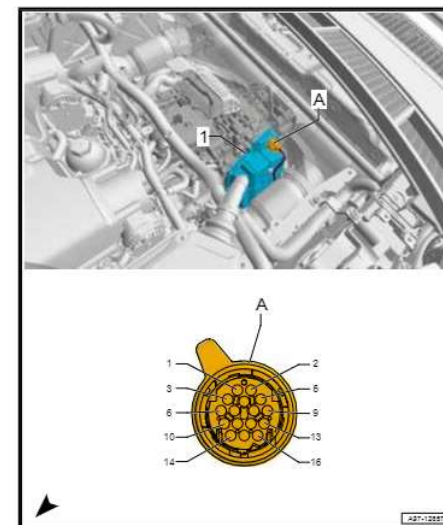


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1.6.2 Direct Shift Gearbox (DSG) Mechatronic  
-J743- , connector views

16-Pin Connector -T16c-



T16c (A)	Designation	T16c (A)	Designation
1		9	Terminal 30, from Fuse Carrier 2 ST2 in fuse panel B SB
2	Selector Lever P/N Wiring, to E26 Connection (selector lever P/N) (in Motronic wiring harness)	10	
3		11	
4		12	
5		13	
6	CAN-Bus High, to E93 CAN-Bus High Connection 1 (in engine wiring harness)	14	
7	CAN-Bus Low, to E94 CAN-Bus Low Connection 1 (in engine wiring harness)	15	Terminal 15, from Fuse Carrier 2 ST2 in fuse panel B SB
8		16	Terminal 31, to 13 Ground Connection (in engine compartment, right)

1.7 Rear View Camera System Control Module J772

1.7.1 Rear View Camera System Control Module -J772- , location



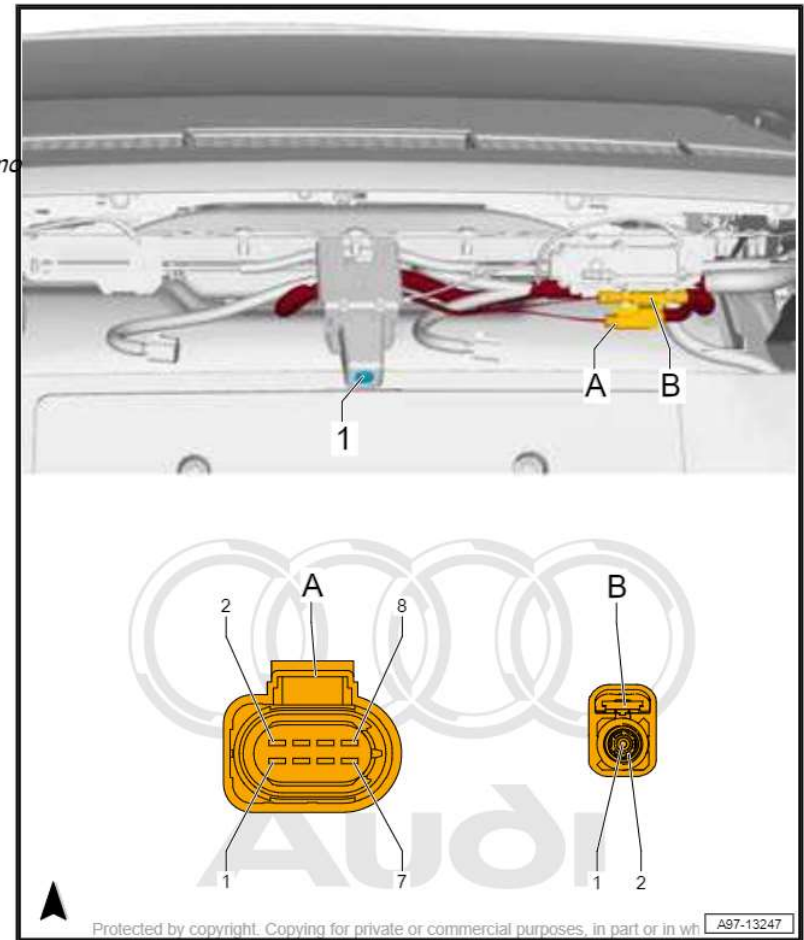
 Note

- ◆ The illustration shows installation for models from November 2016
- ◆ Component Location for models through October 2016 refer to Component Locations: Control mo

1 - Rear View Camera System Control Module -J772-

A - 8-Pin Connector -T8ab- , black

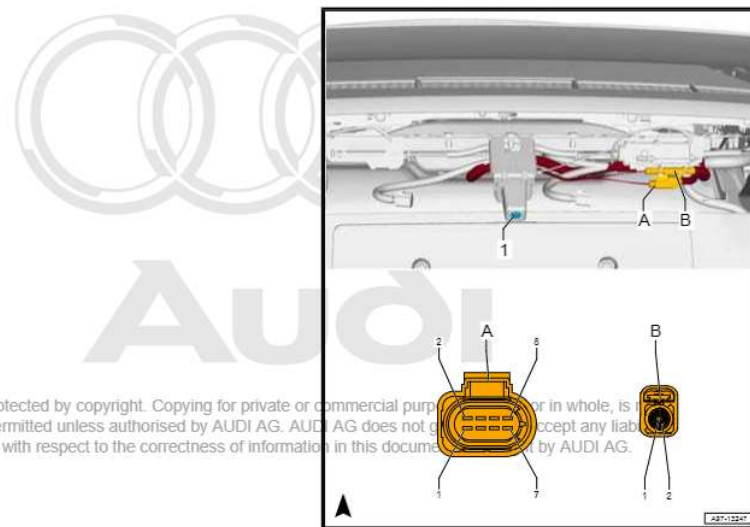
B - Double Connector -T2ig- , white



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1.7.2 Rear View Camera System Control Module -J772- , connector views

8-Pin Connector -T8ab-



T8ab (A)	Designation	T8ab (A)	Designation
1	Terminal 15, from Fuse Carrier 2ST2 in Fuse Panel C SC	5	Terminal 31, to 626 Right tail lamp ground connection
2		6	
3		7	
4	Extended System CAN-Bus High, to B108 CAN-Bus Extended High Connection 1 (in main wiring harness)	8	Extended System CAN-Bus Low, to B109 CAN-Bus Extended Low Connection 1 (in main wiring harness)

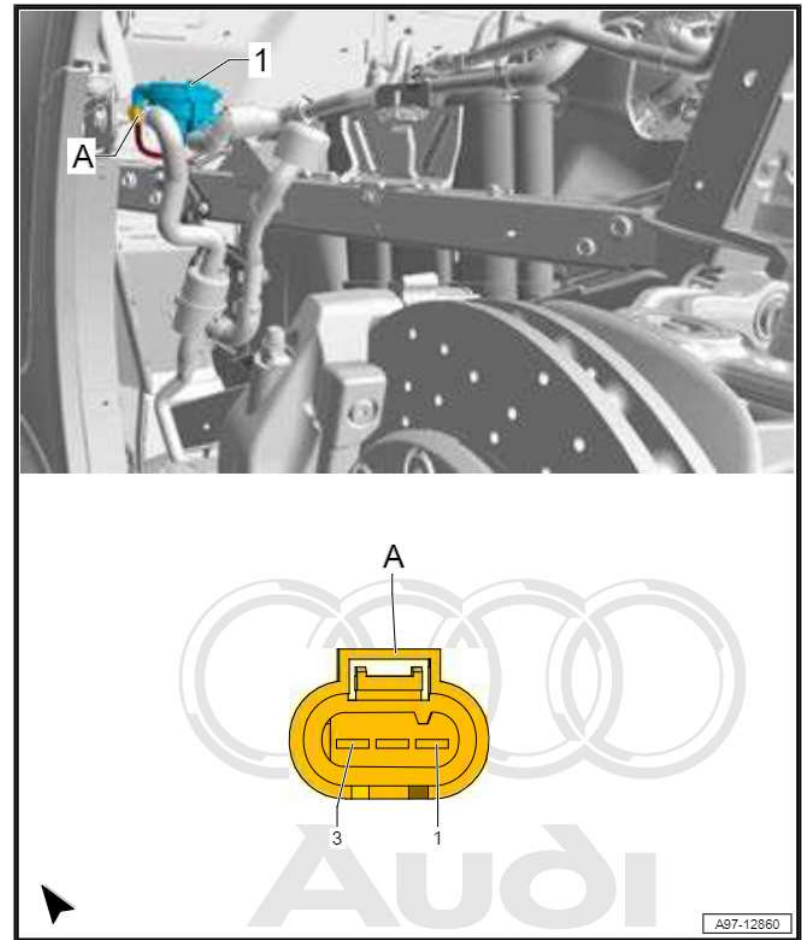
1.8 Fuel tank leak detection control module J909

- ◆ ⇒ ["1.8.1 Fuel tank leak detection control module J909 , location", page 13](#)
- ◆ ⇒ ["1.8.2 Fuel tank leak detection control module J909 , connector views", page 15](#)

1.8.1 Fuel tank leak detection control module -J909- , location

1 - Fuel Tank Lead Detection Control Module -J909-

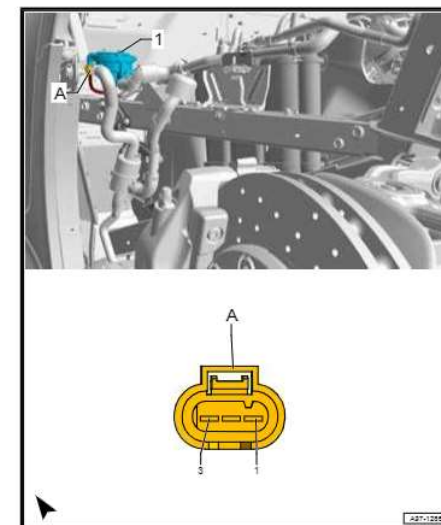
A - 3-Pin Connector -T3s- , black



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1.8.2 Fuel tank leak detection control module  
-J909- , connector views

3-Pin Connector -T3s-



T3s (A)	Designation
1	Terminal 30, from Fuse Carrier 2 ST2 in Fuse Panel D SD
2	Engine Control Module (ECM) J623
3	Engine Control Module (ECM) J623

1.9 Transmission Control Module 2 (TCM) J1006

- ◆ ⇒ ["1.9.1 Transmission Control Module 2 \(TCM\) J1006 , location", page 15](#)
- ◆ ⇒ ["1.9.2 Transmission Control Module 2 \(TCM\) J1006 , connector views, 40-pin", page 17](#)
- ◆ ⇒ ["1.9.3 Transmission Control Module 2 \(TCM\) J1006 , connector views, 81-pin", page 18](#)

1.9.1 Transmission Control Module 2 (TCM) -J1006- , location

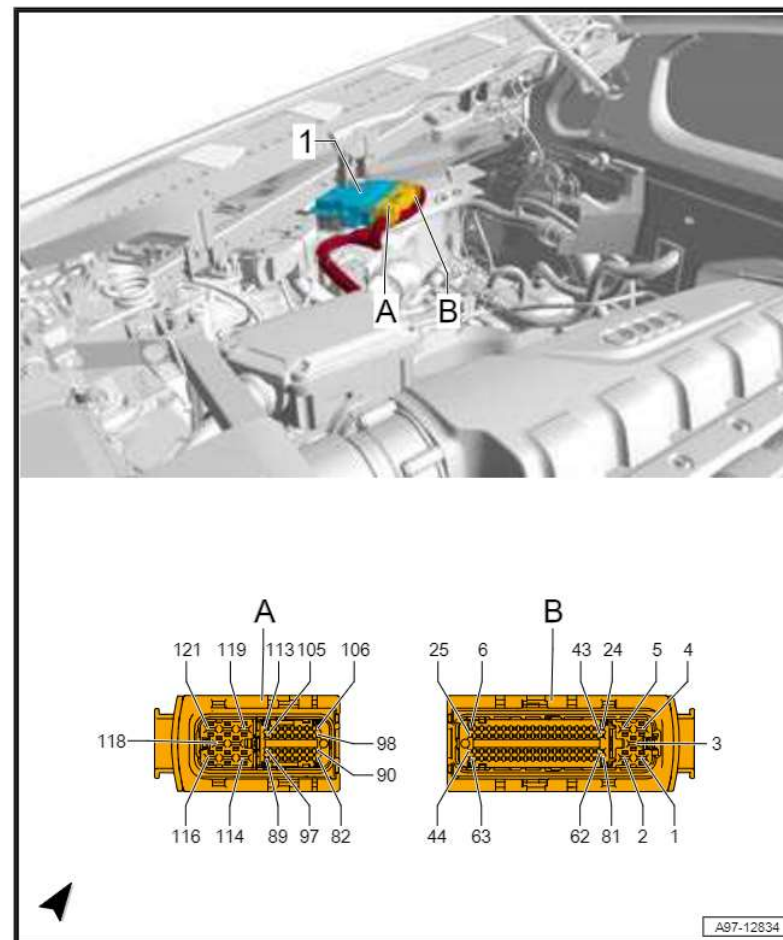


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1 - Transmission Control Module 2 (TCM) -J1006-

A - 40-Pin Connector -T40a- , black

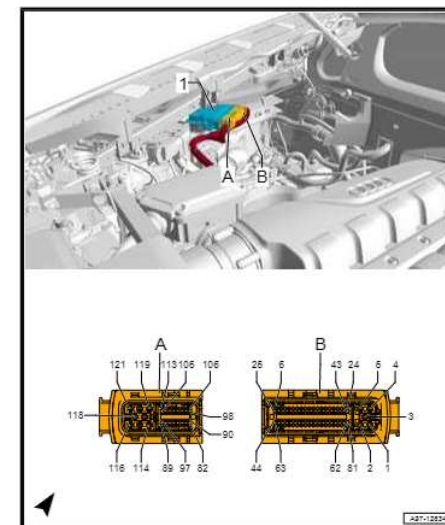
B - 81-Pin Connector -T81a- , black



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1.9.2 Transmission Control Module 2 (TCM)  
-J1006- , connector views, 40-pin

40-Pin Connector -T40a-

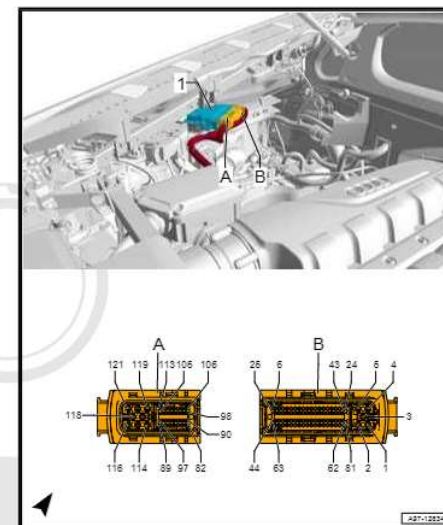


T40a (A)	Designation	T40a (A)	Designation	T40a (A)	Designation
82		96		110	
83		97		111	
84		98		112	
85	Clutch Cooling Valve 2 N448	99		113	
86	Parking Lock Solenoid Valve N573	100		114	Clutch Cooling Valve 2 N448
87	Parking Lock Solenoid N486	101		115	Parking Lock Solenoid Valve N573
88	Parking Lock Solenoid Valve 2 N574	102		116	Parking Lock Solenoid Valve 2 N574
89		103		117	Parking Lock Solenoid N486
90		104		118	
91		105		119	
92		106		120	
93		107		121	
94		108	Steering Column Electronic Systems Control Module J527		
95		109			

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1.9.3 Transmission Control Module 2 (TCM)  
-J1006- , connector views, 81-pin

81-Pin Connector -T81a-



T81a (B)	Designation	T81a (B)	Designation	T81a (B)	Designation
1	Terminal 31, to on engine, left	28		55	
2		29		56	
3	Terminal 30, from Fuse Carrier 2 ST2 in Fuse Panel D SD	30		57	
4		31		58	
5		32		59	
6		33		60	
7		34		61	
8		35		62	Terminal 15, from Fuse Carrier 2 ST2 in fuse panel B SB
9		36		63	
10		37	Clutch Temperature Sensor 2 G659	64	Parking Lock Sensor G747
11	Clutch Temperature Sensor 2 G659	38		65	
12		39		66	
13		40		67	
14		41		68	
15		42		69	
16		43		70	

T81a (B)	Designation	T81a (B)	Designation	T81a (B)	Designation
17		44		71	
18	Parking Lock Sensor G747	45	Parking Lock Sensor G747	72	
19		46		73	
20	CAN-Bus High, to E93 CAN-Bus High Connection 1 (in engine wiring harness)	47		74	
21	CAN-Bus Low, to E94 CAN-Bus Low Connection 1 (in engine wiring harness)	48		75	
22		49		76	
23		50		77	
24		51	Parking Lock Sensor G747	78	
25		52		79	Steering Column Electronic Systems Control Module J527
26		53		80	
27		54		81	

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1 Comp. Loc. Connector stations

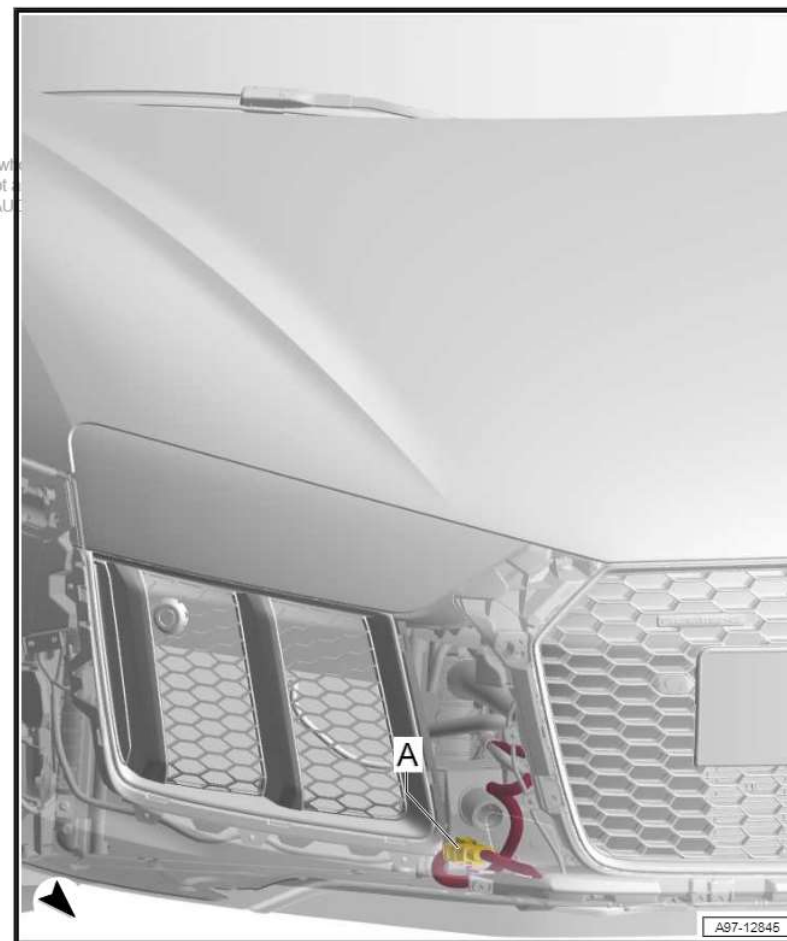
1.1 Connector station, on front bumper left -TSFVL-

A - 14-Pin Connector -T14j- , black

A -  
14-Pin Connector -T14jx- , black



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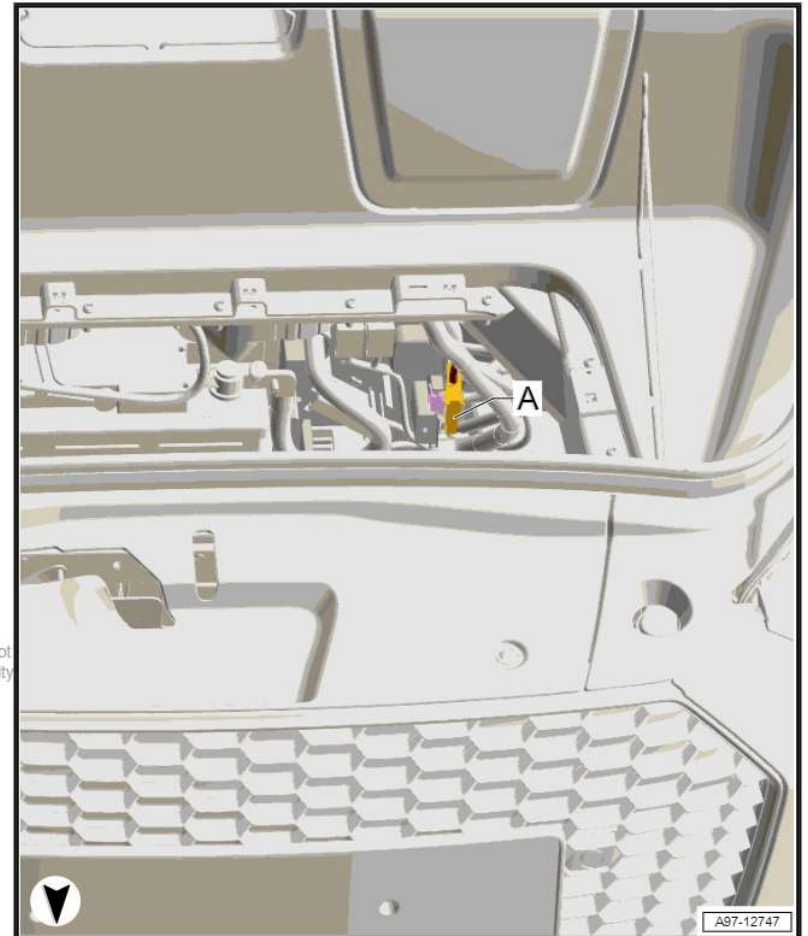
1.2 Center Luggage Compartment Connection Point -TKM-

A - 3-Pin Connector -T3at- , black

A -  
3-Pin Connector -T3atx- , black



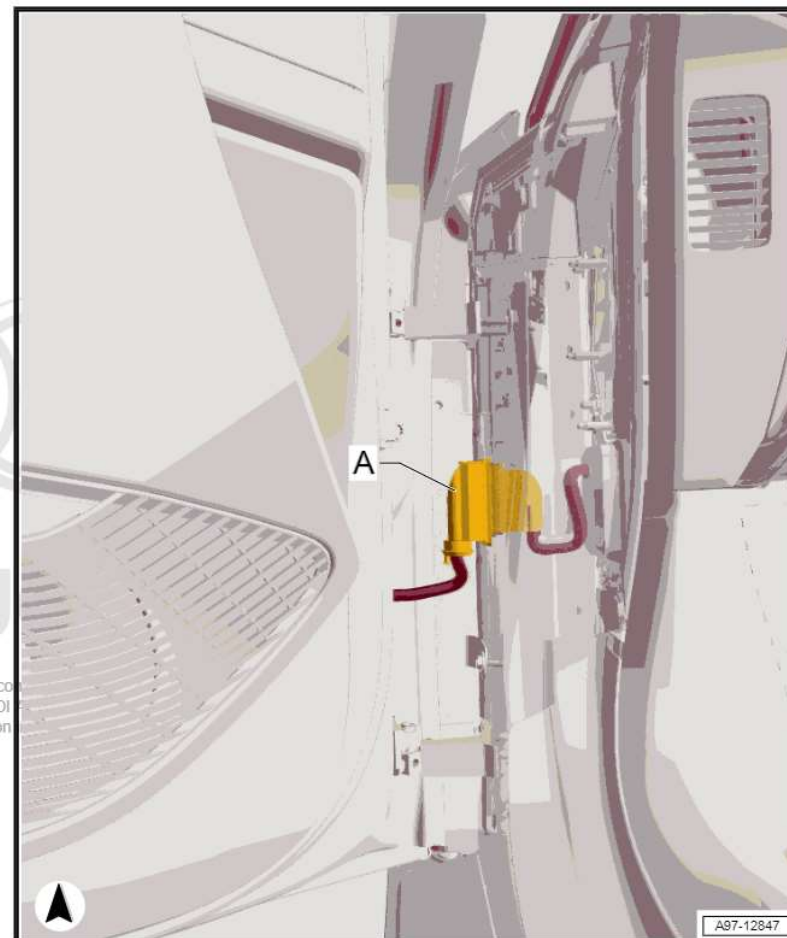
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1.3 Connector station on left front door -TTVL- / Connector station on right front door -TTVR-

A -  
27-Pin Connector -T27a- / 27-Pin Connector -T27ax- , black  
□ for TTVL:

A -  
27-Pin Connector -T27b- / 27-Pin Connector -T27bx- , black  
□ For TTVR



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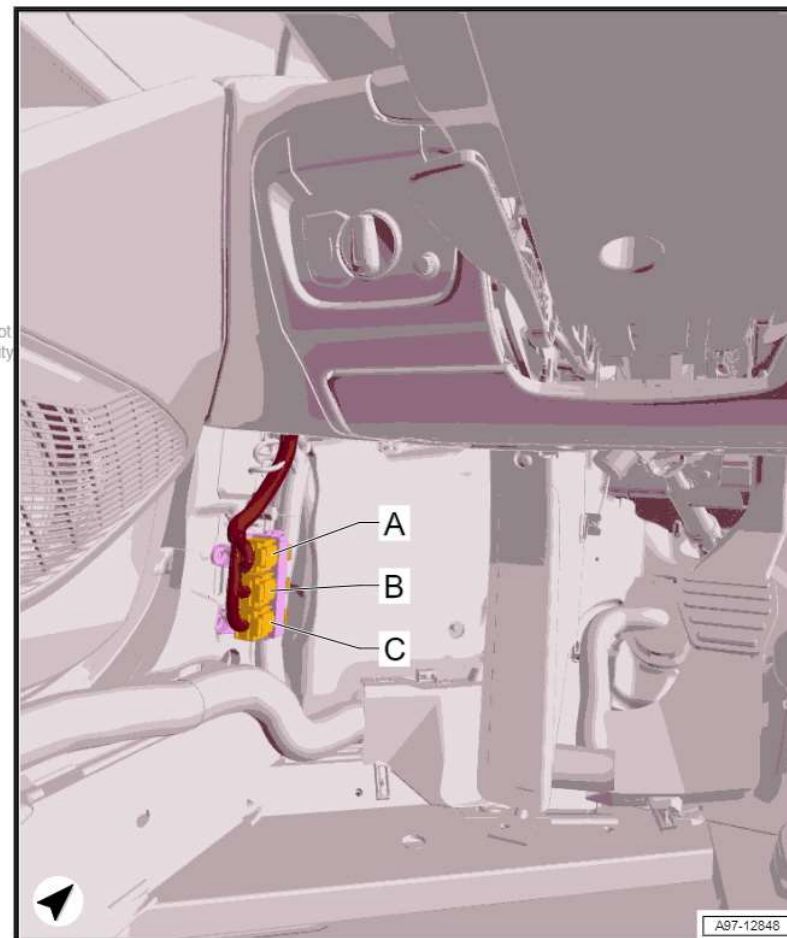
1.4 Connector station, on left lower A-pillar -TALU-

- A - 17-Pin Connector -T17q- , red
- A - 17-Pin Connector -T17qx- , red
- B - 17-Pin Connector -T17p- , brown
- B - 17-Pin Connector -T17px- , brown
- C - 17-Pin Connector -T17o- , black
- 17-Pin Connector -T17ox- , black



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1.5 Connector station, on right lower A-pillar -TARU-

A - 6-Pin Connector -T6r- , green

A - 6-Pin Connector -T6rx- , green

B - 17-Pin Connector -T17h- , yellow

B - 17-Pin Connector -T17hx- , yellow

C - 17-Pin Connector -T17n- , red

C - 17-Pin Connector -T17nx- , red



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1.6 Connector station on instrument panel -TCP-

A - Double Connector -T2cl- , black

A - Double Connector -T2clx- , black

B - 5-Pin Connector -T5w- , black

B - 5-Pin Connector -T5wx- , black

C - 5-Pin Connector -T5h- , yellow

C - 5-Pin Connector -T5hx- , yellow

D - Double Connector -T2hu- , purple/  
 Except for vehicles for Japan

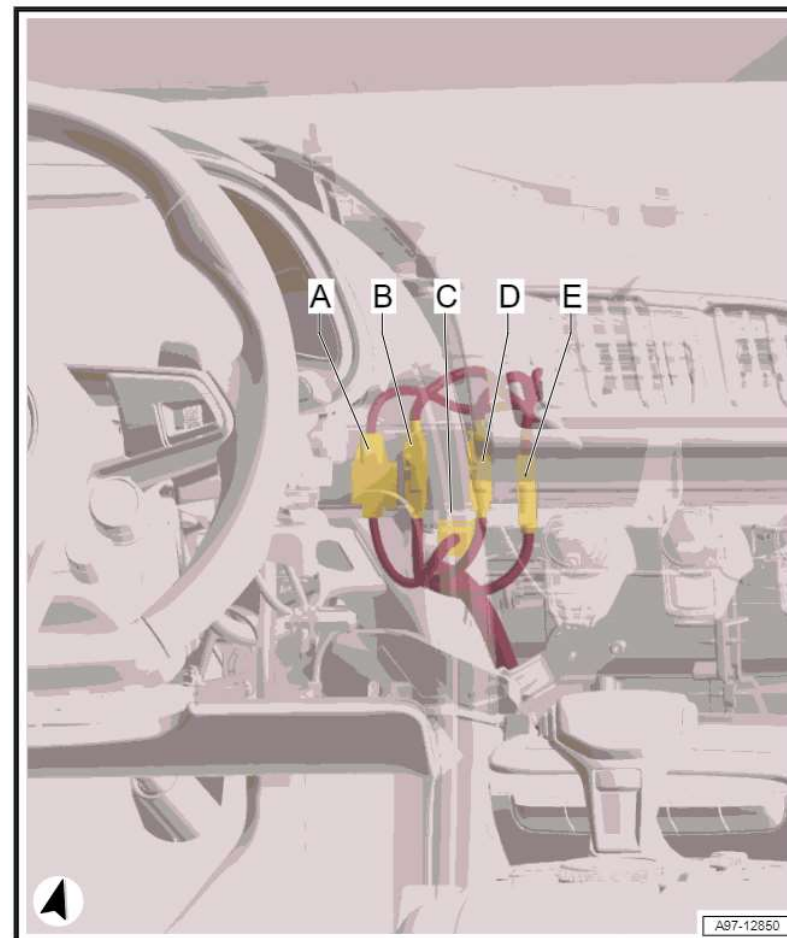
D - Double Connector -T2hux- , purple  
 Except for vehicles for Japan

D - 5-Pin Connector -T5y- , white  
 Only for vehicles for Japan

D - 5-Pin Connector -T5yx- , white  
 Only for vehicles for Japan

E - Double Connector -T2ey- , blue

E - Double Connector -T2eyx- , blue



1.7 Connector station for left front seat -TSVL-

A - 6-Pin Connector -T6k- , green

A -  
6-Pin Connector -T6kx- , green

B - 10-Pin Connector -T10f- , red

B -  
10-Pin Connector -T10fx- , red

C - 3-Pin Connector -T3aa- , yellow

C -  
3-Pin Connector -T3aax- , yellow

D - 5-Pin Connector -T5e- , black

D -  
5-Pin Connector -T5ex- , black



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1.8 Connector Station for right front seat -TSVR-

A - 5-Pin Connector -T5d- , black

A -  
5-Pin Connector -T5dx- , black

B - 3-Pin Connector -T3z- , yellow

B -  
3-Pin Connector -T3zx- , yellow

C - 10-Pin Connector -T10e- , red

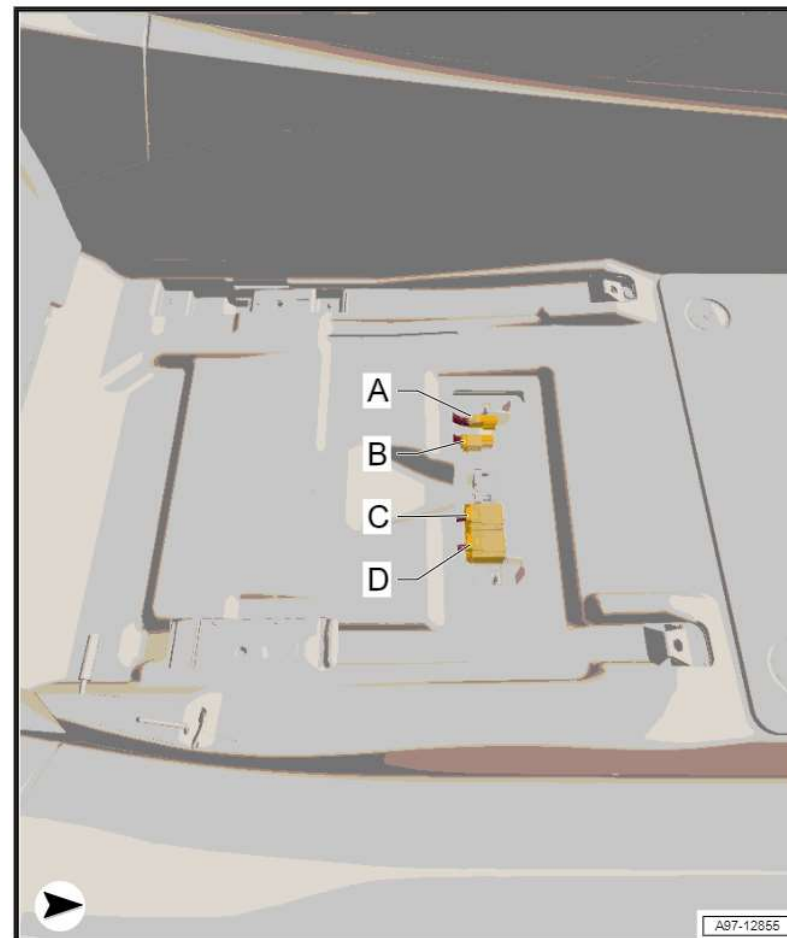
C -  
10-Pin Connector -T10ex- , red

D - 6-Pin Connector -T6i- , green

D -  
6-Pin Connector -T6ix- , green



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1.9 Connector station, in interior, centre -TIM-

◆ ⇒ ["1.9.1 Connector station, in interior, centre TIM , part I", page 9](#)

◆ ⇒ ["1.9.2 Connector station, in interior, centre TIM , part II", page 10](#)



1.9.1 Connector station, in interior, centre -TIM- , part I

A - 17-Pin Connector -T17t- , brown

A - 17-Pin Connector -T17tx- , brown

B - 17-Pin Connector -T17s- , red

B - 17-Pin Connector -T17sx- , red

C - 17-Pin Connector -T17r- , black

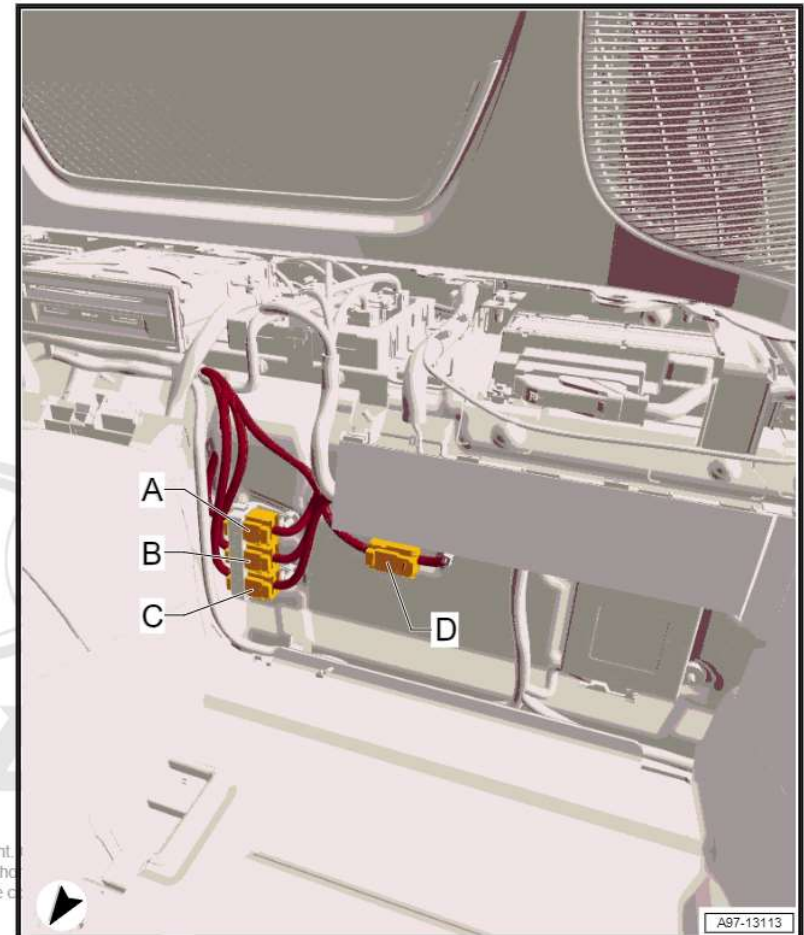
C - 17-Pin Connector -T17rx- , black

D - 17-Pin Connector -T17u- , blue

Models with Bang & Olufsen Sound System (9VS) only

D - 17-Pin Connector -T17ux- , blue

Models with Bang & Olufsen Sound System (9VS) only



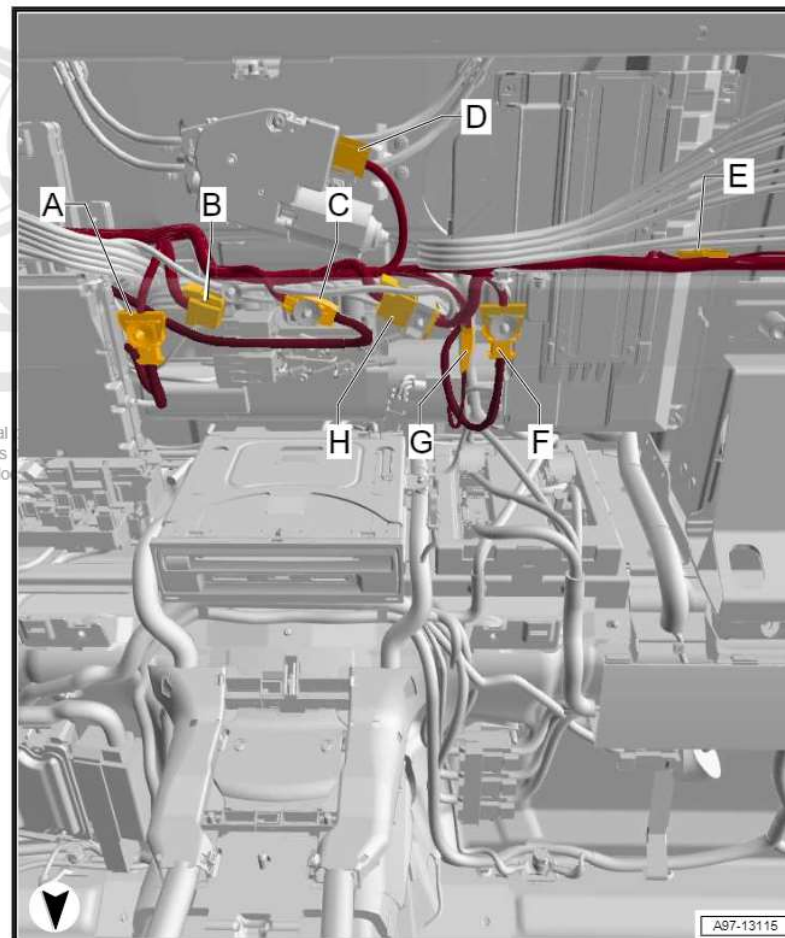
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1.9.2 Connector station, in interior, centre -TIM-, part II

- A - Double Connector -T2hw- , black
- B - 17-Pin Connector -T17v- , black
- C - 10-Pin Connector -T10r- , black
- D - 10-Pin Connector -T10s- , black
- E - 4-Pin Connector -T4dh- , brown
- F - Double Connector -T2in- , black
- G - Double Connector -T2im- , black
- H - 17-Pin Connector -T17w- , brown
- 17-Pin Connector -T17wx- , brown



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1.10 Connector station in interior -TI-

A - Double Connector -T2hh- , green  
 not for models with Japan equipment

A -  
2-Pin Connector -T2hxx- , green  
 not for models with Japan equipment

A - Double Connector -T2he- , brown  
 Only models with Japan equipment

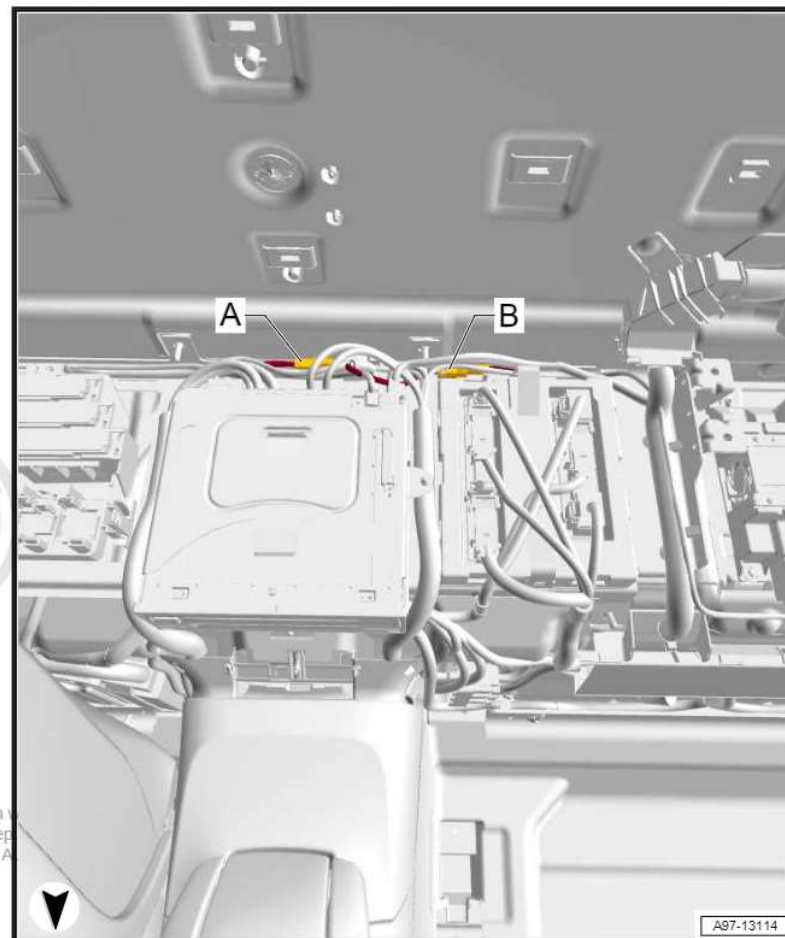
A -  
Double Connector -T2hex- , brown

B - Double Connector -T2hl- , white

B -  
Double Connector -T2hlx- , white



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A - 5-Pin Connector -T5ah- , yellow

A -  
5-Pin Connector -T5ahx- , yellow



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1.11 Coupling point on rear lid, left -THKL-

A - 8-Pin Connector -T8ac- , black

- on hinge for convertible roof compartment lid left
- only accessible from below with open (extended) convertible roof compartment lid

A - 8-Pin Connector -T8acx- , black

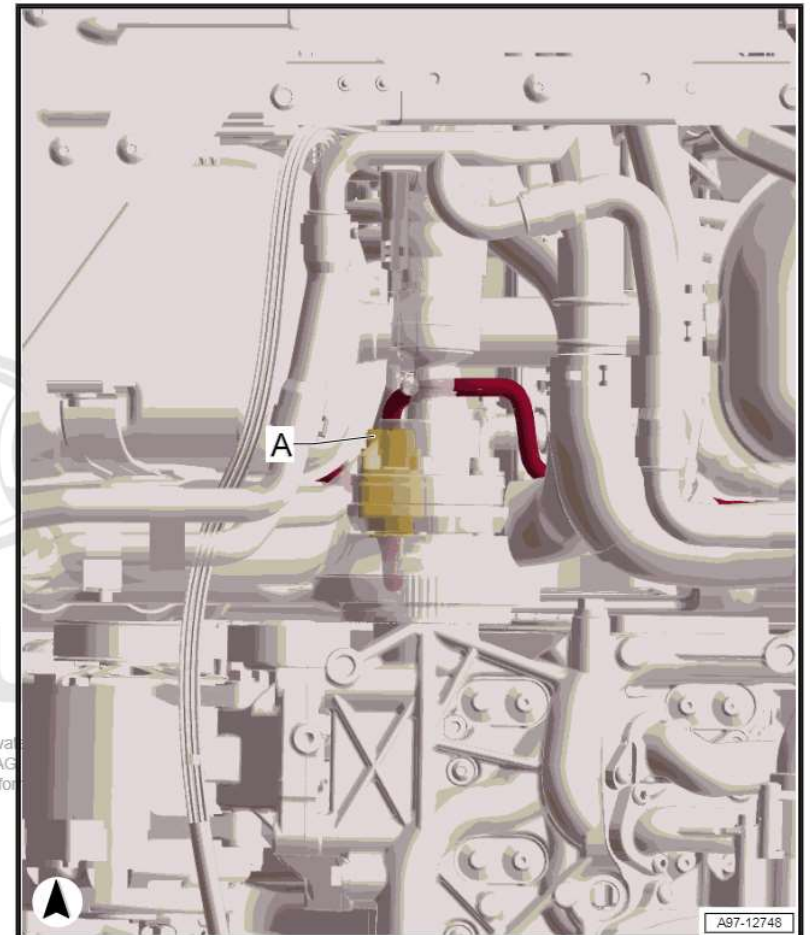
- on hinge for convertible roof compartment lid left
- only accessible from below with open (extended) convertible roof compartment lid



1.12 Coupling point in luggage compartment, center -THRM-

A - 4-Pin Connector -T4bb- , black

A -  
4-Pin Connector -T4bbx- , black



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1.13 Connector station on engine, top -TMO-

A - 14-Pin Connector -T14f- , black

A -  
14-Pin Connector -T14fx- , black

B - 14-Pin Connector -T14c- , brown

B -  
14-Pin Connector -T14cx- , brown

C - 14-Pin Connector -T14d- , black

C -  
14-Pin Connector -T14dx- , black



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1.14 Connector station in engine compartment, left -TML-

A - 14-Pin Connector -T14e- , brown/

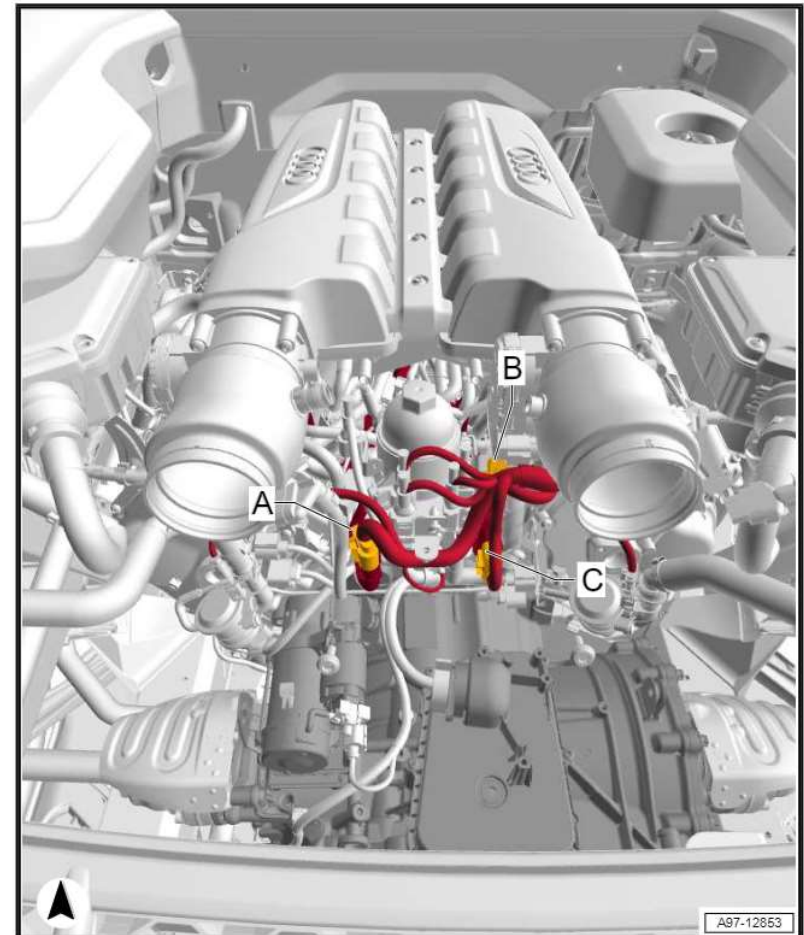
A -  
14-Pin Connector -T14ex- , brown

B - 14-Pin Connector -T14a- , black

B -  
14-Pin Connector -T14ax- , black

C - 14-Pin Connector -T14b- , black/

C -  
14-Pin Connector -T14bx- , black





1.15 Connector station in electronics box in engine compartment -TEBM-

A - 17-Pin Connector -T17b- , brown

A -  
17-Pin Connector -T17bx- , brown

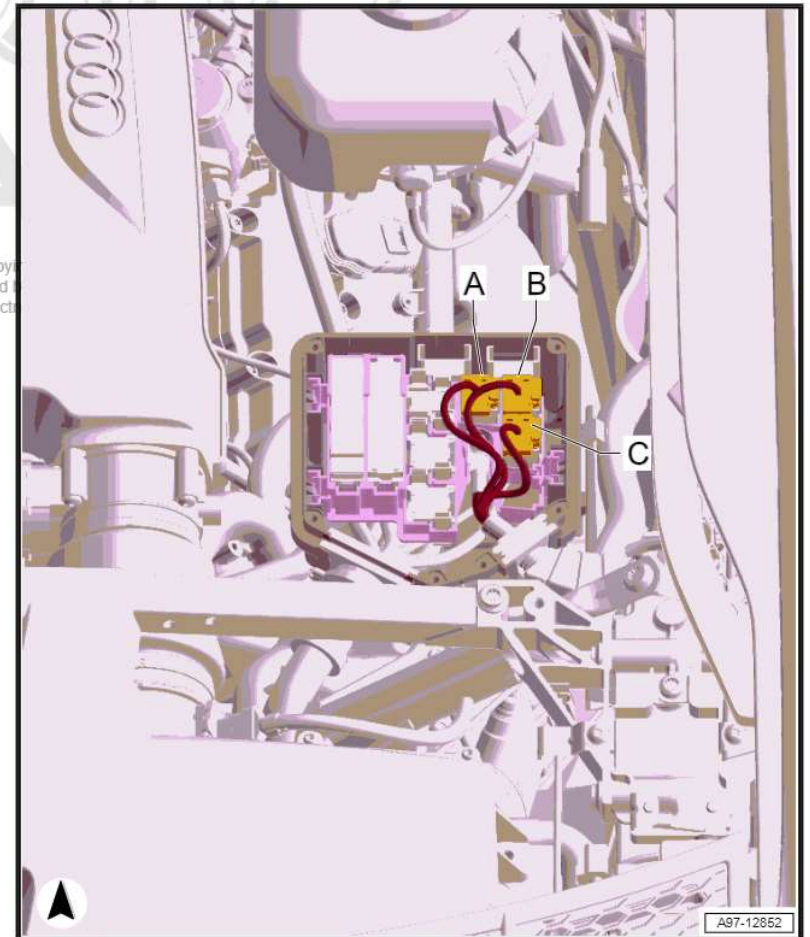
B - 17-Pin Connector -T17a- , black

B -  
17-Pin Connector -T17ax- , black

C - 17-Pin Connector -T17c- , red/

C -  
17-Pin Connector -T17cx- , red

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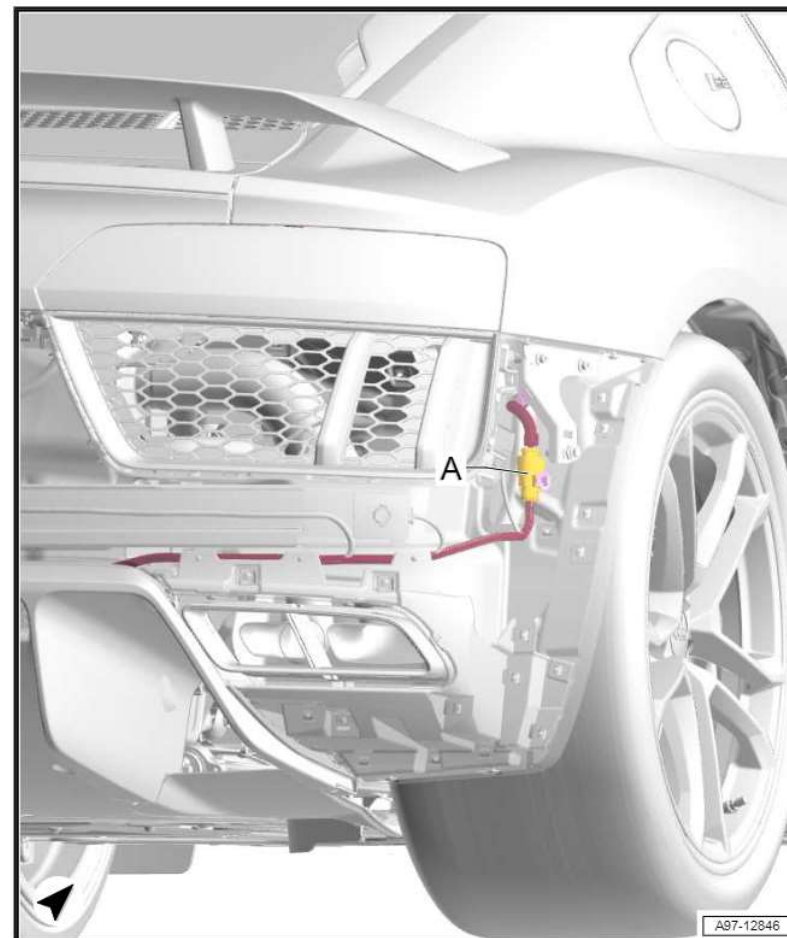
1.16 Connector station, on rear bumper left -TSFHL-

A - 10-Pin Connector -T10c- , black

A -  
10-Pin Connector -T10cx- , black



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## 1 Comp. Loc. A/C

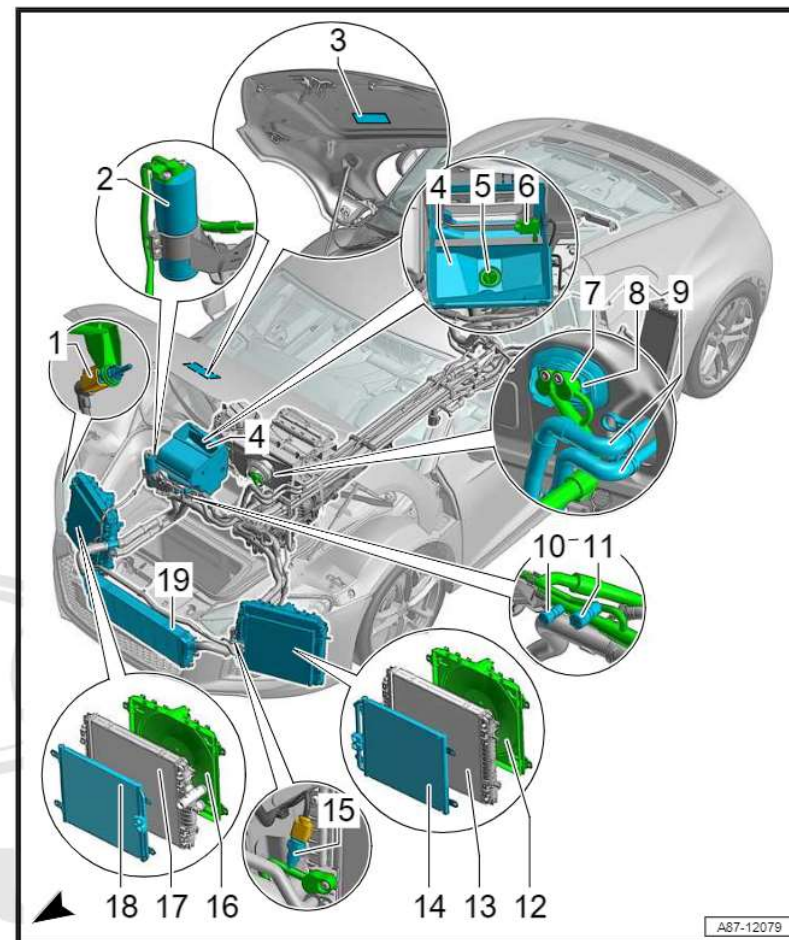
- ◆ ⇒ ["1.1 Vehicle Front", page 1](#)
- ◆ ⇒ ["1.2 Vehicle Rear", page 3](#)
- ◆ ⇒ ["1.3 Vehicle Cabin", page 3](#)
- ◆ ⇒ ["1.4 Plenum", page 6](#)

## 1.1 Vehicle Front



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- 1 - Outside air temperature sensor -G17-
- 2 - Air quality sensor -G238-
- 6 - Humidity sensor in fresh air intake duct -G657-
- 12 - Radiator fan -V7-
- 15 - High pressure sensor -G65-
- 16 - Radiator fan 2 -V177-



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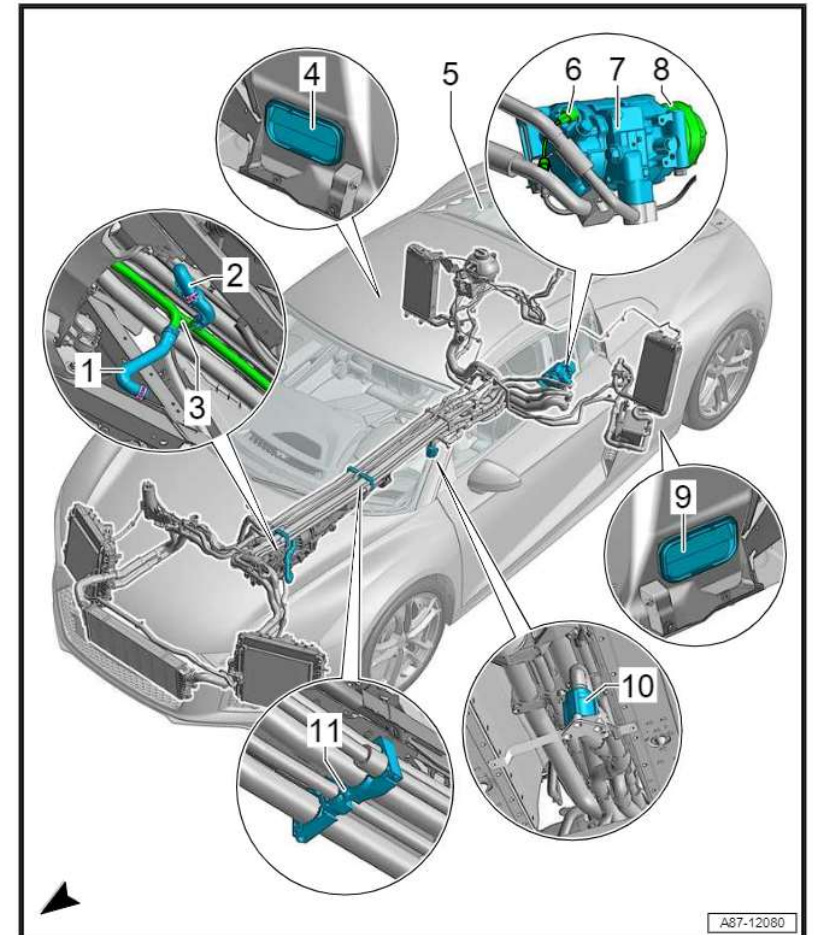
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1.2 Vehicle Rear

- 5 - Heated Rear Window -Z1-
- 6 - A/C Compressor Regulator Valve -N280-
- 10 - After-run coolant pump V51



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1.3 Vehicle Cabin

- ◆ ⇒ ["1.3.1 Cabin, Front "](#), page 4
- ◆ ⇒ ["1.3.2 Cabin, Left "](#), page 5

◆ ⇒ "1.3.3 Cabin, Right ", page 6

1.3.1 Cabin, Front

4 - Sunlight photo sensor -G107-

5 - Humidity sensor -G355-

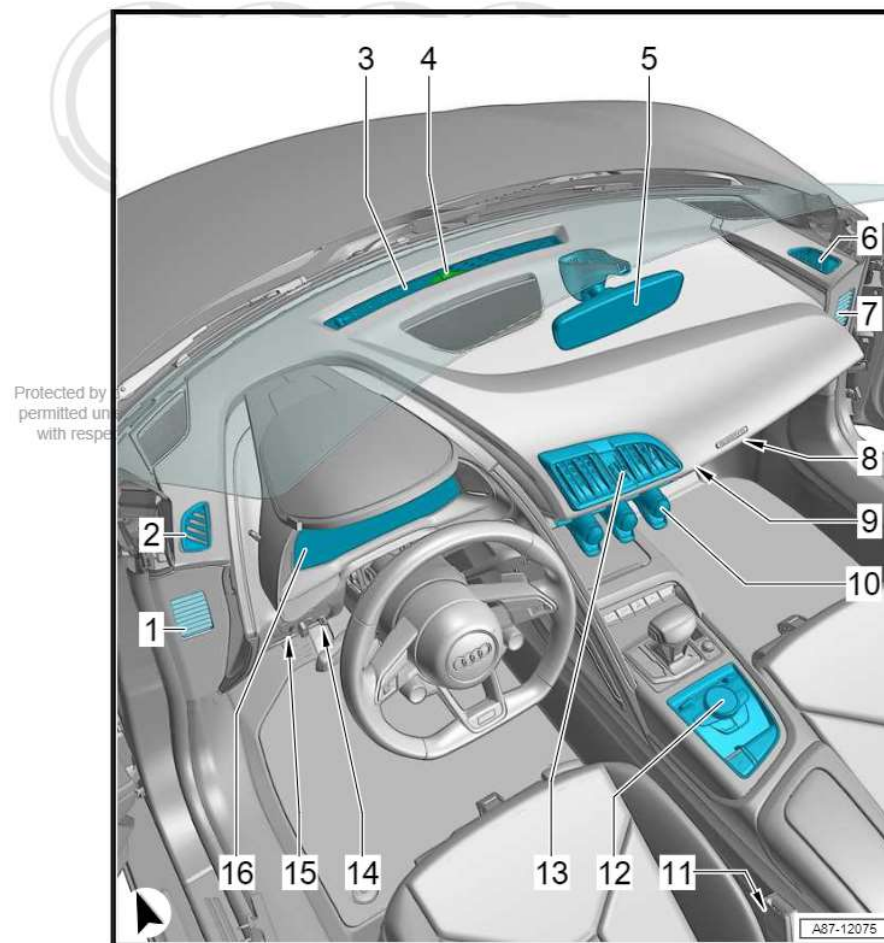
5 - Rain/light recognition sensor -G397-

8 - Vehicle electrical system control module J519

10 - Front A/C display control head E87

11 - Comfort system central control module J393

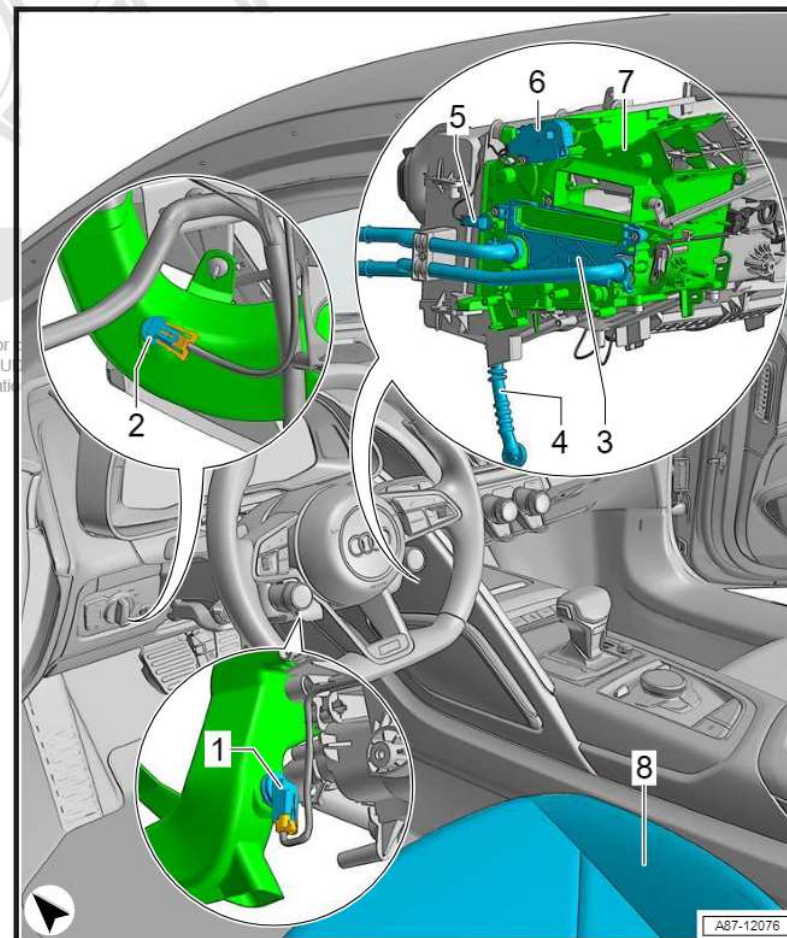
15 - Data bus on board diagnostic interface J533



1.3.2 Cabin, Left

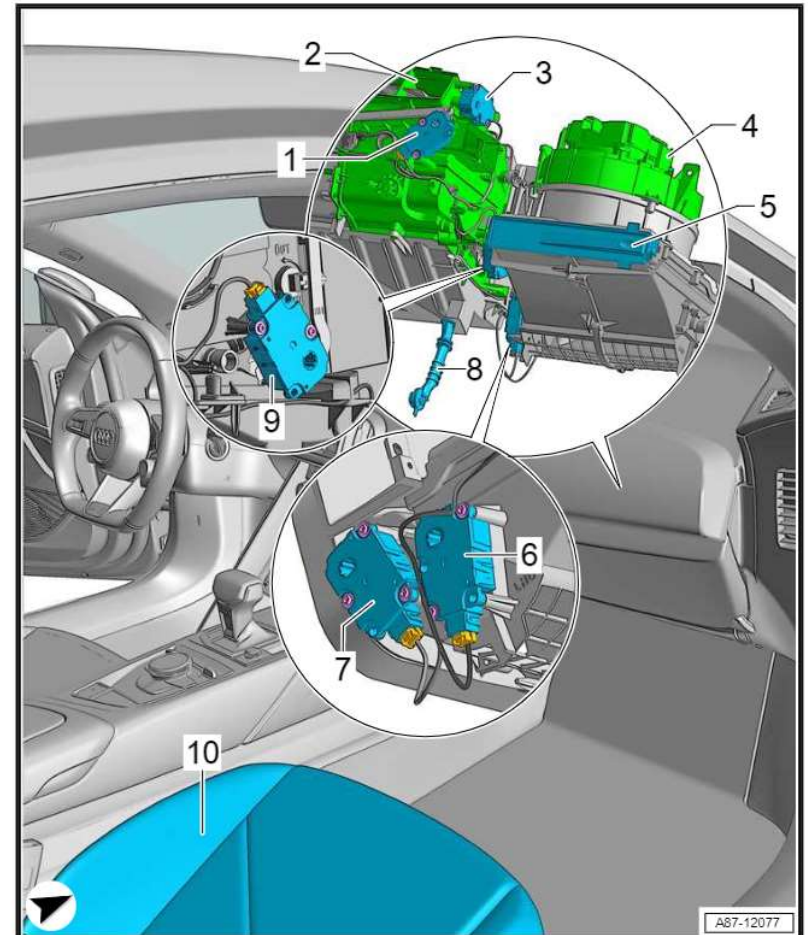
- 1 - Footwell vent temperature sensor -G192-
- 2 - Left front upper body vent temperature sensor -G385-
- 2 - Right front upper body vent temperature sensor -G386-
- 5 - Evaporator vent temperature sensor -G263-
- 6 - Defroster door motor -V107-

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1.3.3 Cabin, Right

- 1 - Footwell door motor -V261-
- 3 - Center vent adjustment motor -V102-
- 4 - Fresh air blower -V2-
- 4 - Fresh air blower control module J126
- 6 - Fresh air door motor -V438-
- 7 - Back pressure door motor -V71-
- 9 - Temperature control door motor -V68-

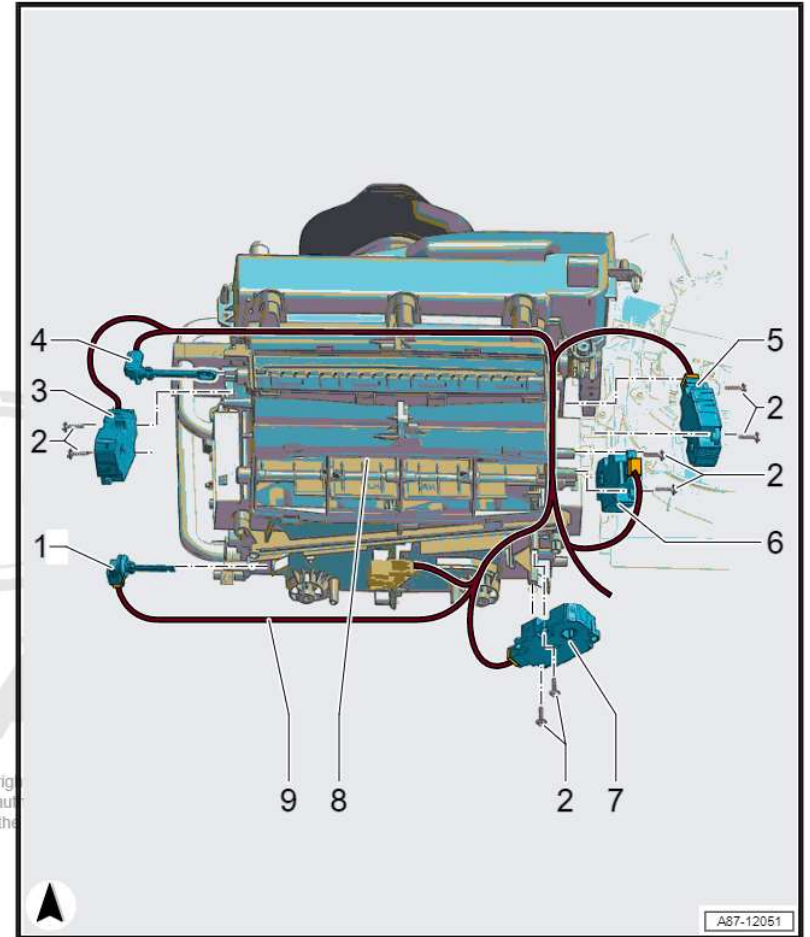


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1.4 Plenum



- 1 - Footwell vent temperature sensor G192
- 3 - Defroster Door Motor V107
- 3 - Defroster Door Motor Position Sensor -G135-
- 4 - Evaporator Vent Temperature Sensor G263
- 5 - Temperature control door motor V68
- 6 - Footwell Door Motor V261
- 7 - Center Vent Adjustment Motor V102



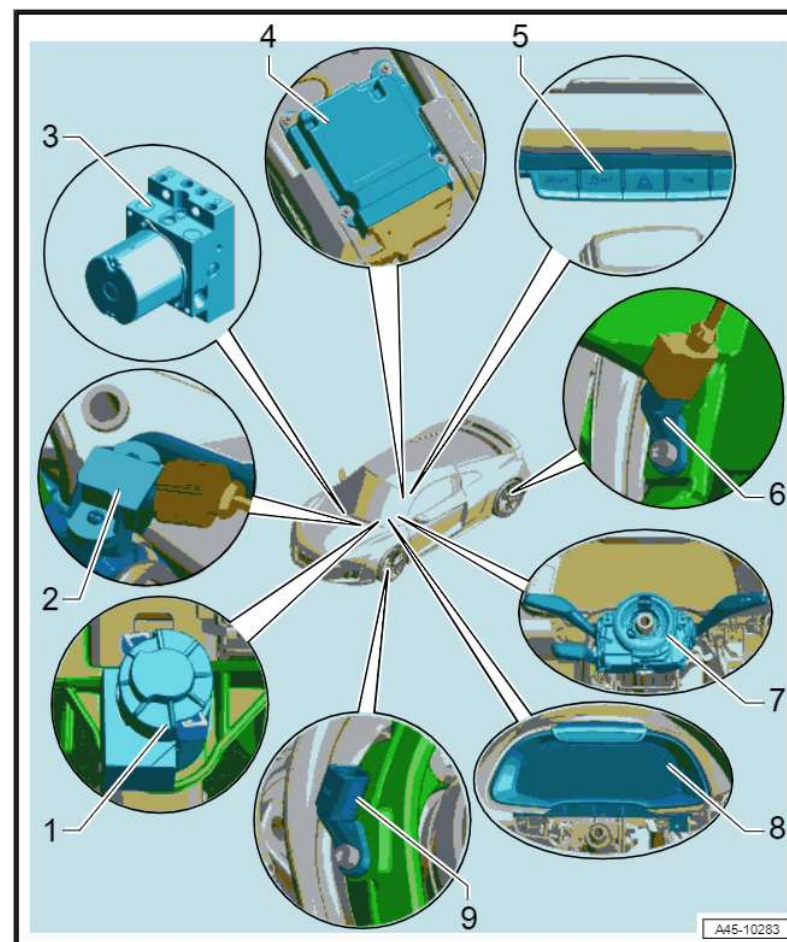
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1 Comp. Loc. ABS

1.1 ABS

- 1 - Brake Light Switch -F-
- 2 - Brake booster pressure sensor -G294-
- 3 - ABS control module J104
- 3 - ABS hydraulic unit -N55-
- 4 - Sensor electronics control module -J849-
- 5 - Switch module in instrument panel, center -EX22-
- 5 - ASR/ESP button -E256-
- 6 - Right Rear ABS Wheel Speed Sensor -G44-
  - ❑ The sensor ring/rotor is installed in the respective wheel bearing unit and cannot be replaced.
- 6 - Left Rear ABS Wheel Speed Sensor -G46-
  - ❑ The sensor ring/rotor is installed in the respective wheel bearing unit and cannot be replaced.
- 7 - Steering column electronics control module J527
- 8 - Instrument cluster control module J285
- 9 - Right Front ABS Wheel Speed Sensor -G45-
  - ❑ The sensor ring/rotor is installed in the respective wheel bearing unit and cannot be replaced.
- 9 - Left Front ABS Wheel Speed Speed Sensor -G47-
  - ❑ The sensor ring/rotor is installed in the respective wheel bearing unit and cannot be replaced.



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1 Comp. Loc. Airbag

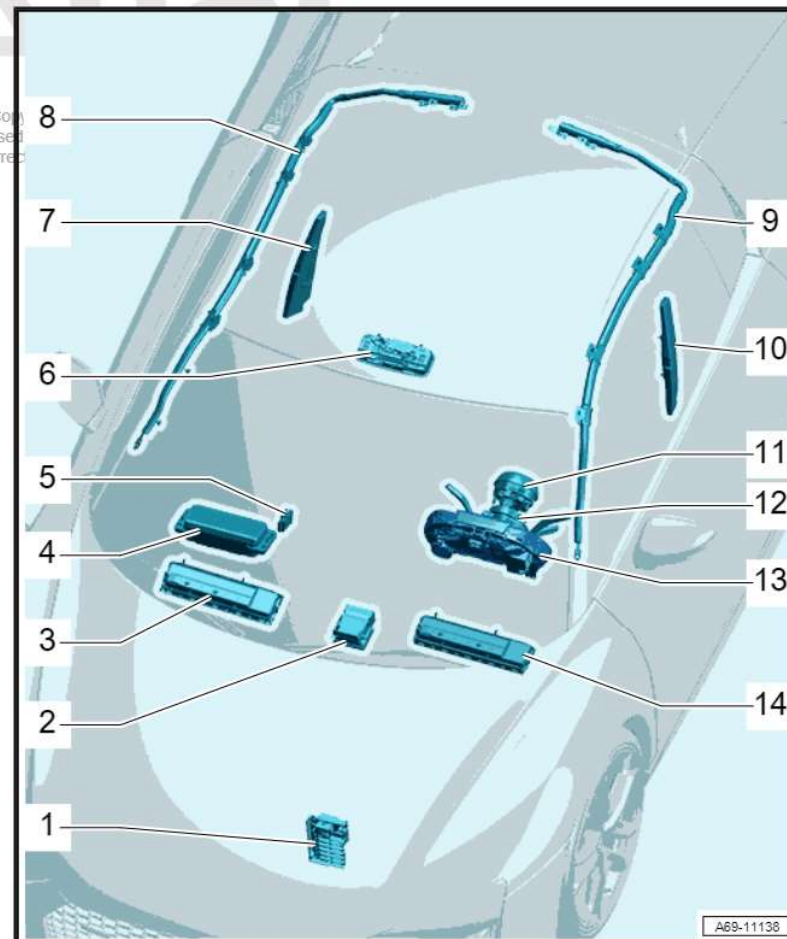
◆ => "1.1 Airbag", page 1

◆ => "1.2 Crash Sensors", page 1

1.1 Airbag

- 1 - Battery Interrupt Igniter N253
- 2 - Airbag Control Module J234
- 3 - Front Passenger Knee Airbag Igniter -N296-
- 4 - Front Passenger Airbag Igniter 1 -N131-
- 4 - Front Passenger Airbag Igniter 2 -N132-
- 4 - Front passenger airbag release valve igniter -N491-
- 5 - Front Passenger Airbag -Off- Key Switch -E224-  
 Not for North American market
- 6 - Front Passenger Airbag Disabled Indicator Lamp -K145-
- 7 - Front Passenger Side Airbag Igniter -N200-
- 8 - Front passenger head curtain airbag igniter -N252-
- 9 - Driver head curtain airbag igniter -N251-
- 10 - Driver Side Airbag Igniter -N199-
- 11 - Driver Airbag Igniter -N95-
- 11 - Driver Airbag Igniter 2 -N250-
- 12 - Steering column electronics control module J527
- 12 - Spiral spring -F350-
- 13 - Airbag Malfunction Indicator Lamp (MIL) -K75-  
 Location: in instrument panel
- 14 - Driver Knee Airbag Igniter -N295-

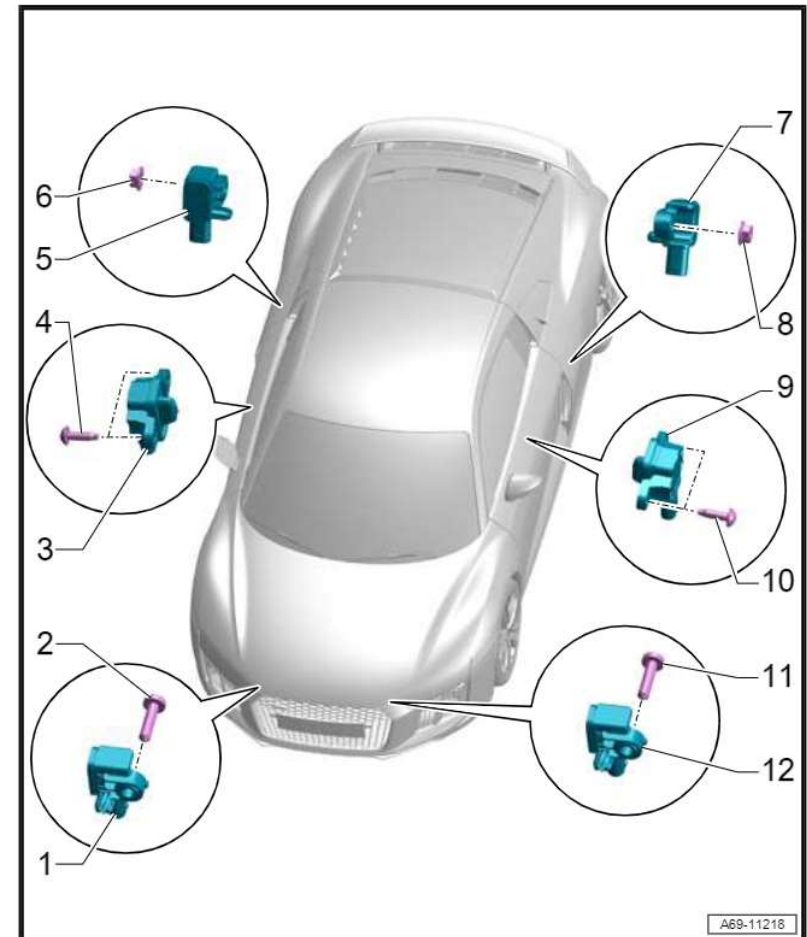
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1.2 Crash Sensors

- 1 - Passenger side front airbag crash sensor -G284-
  - ❑ Right side of the longitudinal member
- 3 - Front passenger thorax airbag crash sensor -G180-
  - ❑ Inside the door
- 5 - Passenger side rear thorax airbag crash sensor -G257-
  - ❑ Behind the side trim panel
- 7 - Driver side rear thorax airbag crash sensor -G256-
  - ❑ Inside the door
- 12 - Driver front airbag crash sensor -G283-
  - ❑ On the left side of the longitudinal member



1 Comp. Loc. Camera

1.1 Rear Camera

1 - Rearview camera system control module J772

- located behind the rear shelf on the rear panel at the lower right.

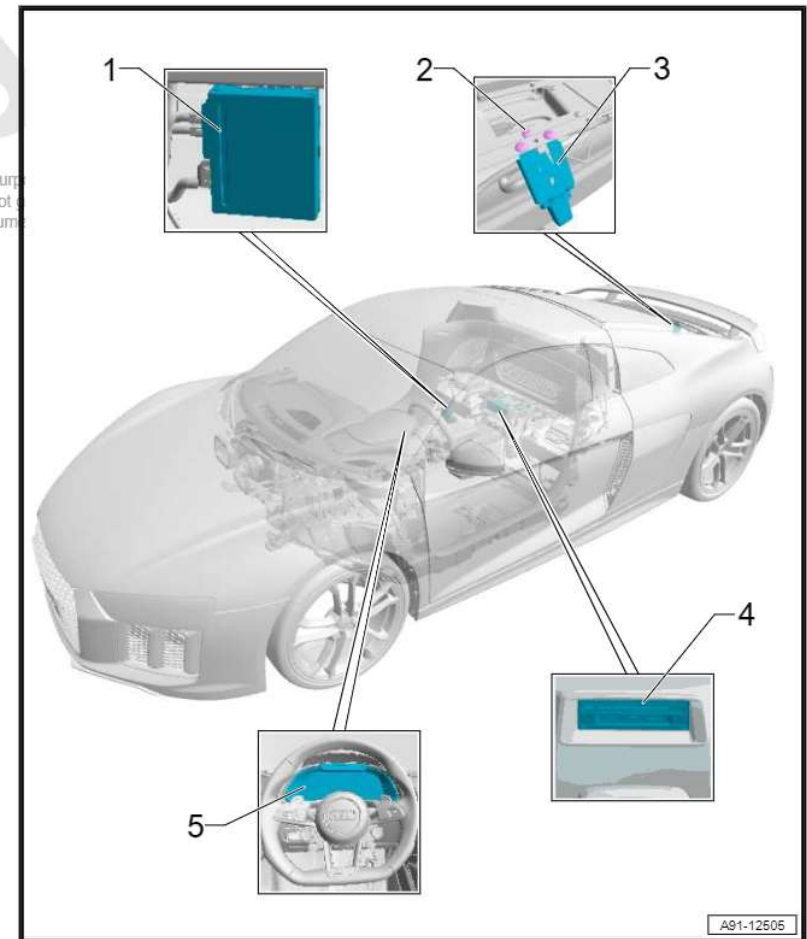
3 - Rearview camera -R189-

- under the bumper cover center section on the rear lid rack.

4 - Information electronics control module 1 J794

5 - Instrument cluster control module J285

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## 1 Comp. Loc. Engine

- ◆ ⇒ ["1.1 5.2L CSPA/CSPB", page 1](#)
- ◆ ⇒ ["1.2 Oxygen Sensors", page 7](#)
- ◆ ⇒ ["1.3 Cooling Fans", page 8](#)
- ◆ ⇒ ["1.4 Fuel Pump", page 8](#)

### 1.1 5.2L CSPA/CSPB

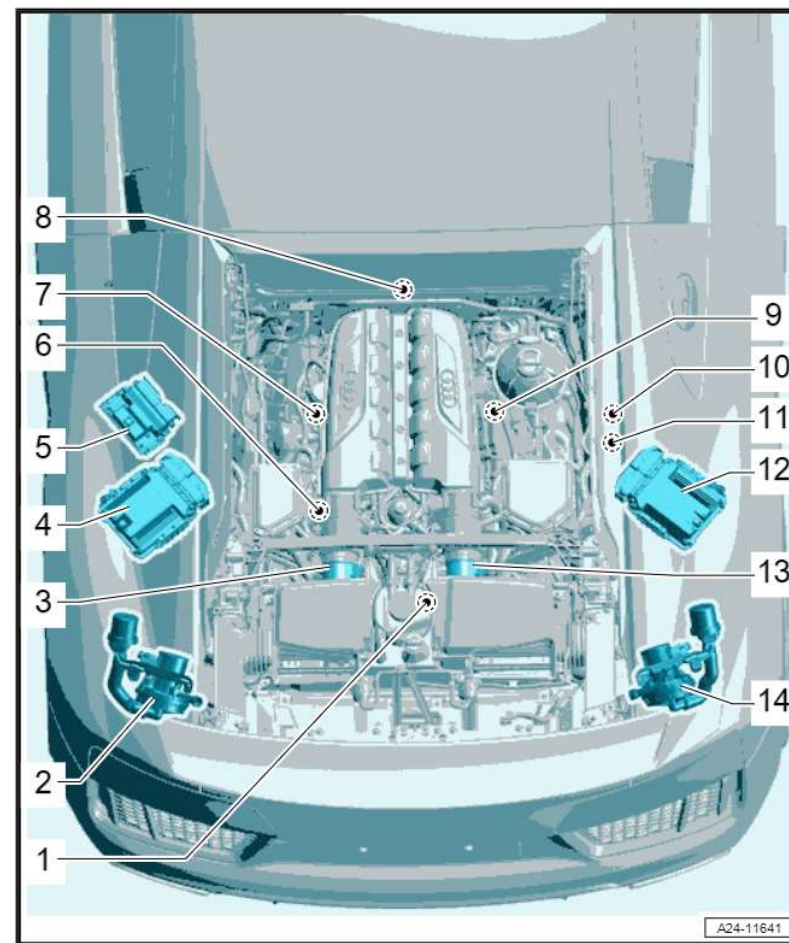
- ◆ ⇒ ["1.1.1 Overview", page 1](#)
- ◆ ⇒ ["1.1.2 Top View Part I", page 2](#)
- ◆ ⇒ ["1.1.3 Top View Part II", page 4](#)
- ◆ ⇒ ["1.1.4 Left View", page 5](#)
- ◆ ⇒ ["1.1.5 Right View", page 6](#)

#### 1.1.1 Overview



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- 1 - Oil level thermal sensor -G266-
- 2 - Secondary Air Injection (AIR) Pump Motor 2 -V189-
- 3 - Intake Air Temperature (IAT) Sensor 2 -G299-
- 3 - Mass Air Flow (MAF) Sensor 2 -G246-
- 4 - Engine Control Module (ECM) 2 J624
- 5 - Automatic transmission control module 2 J1006
- 6 - Engine Speed (RPM) Sensor -G28-
- 7 - Left electrohydraulic engine mount solenoid valve -N144-
- 8 - After-run coolant pump -V51-
- 9 - Right electrohydraulic engine mount solenoid valve -N145-
- 10 - Air filter bypass door valve -N275-
- 11 - Exhaust Flap Valve 1 -N321-
- 12 - Engine Control Module (ECM) J623
- 13 - Intake Air Temperature (IAT) Sensor -G42-
- 13 - Mass Air Flow (MAF) Sensor -G70-
- 14 - Secondary Air Injection (AIR) Pump Motor -V101-



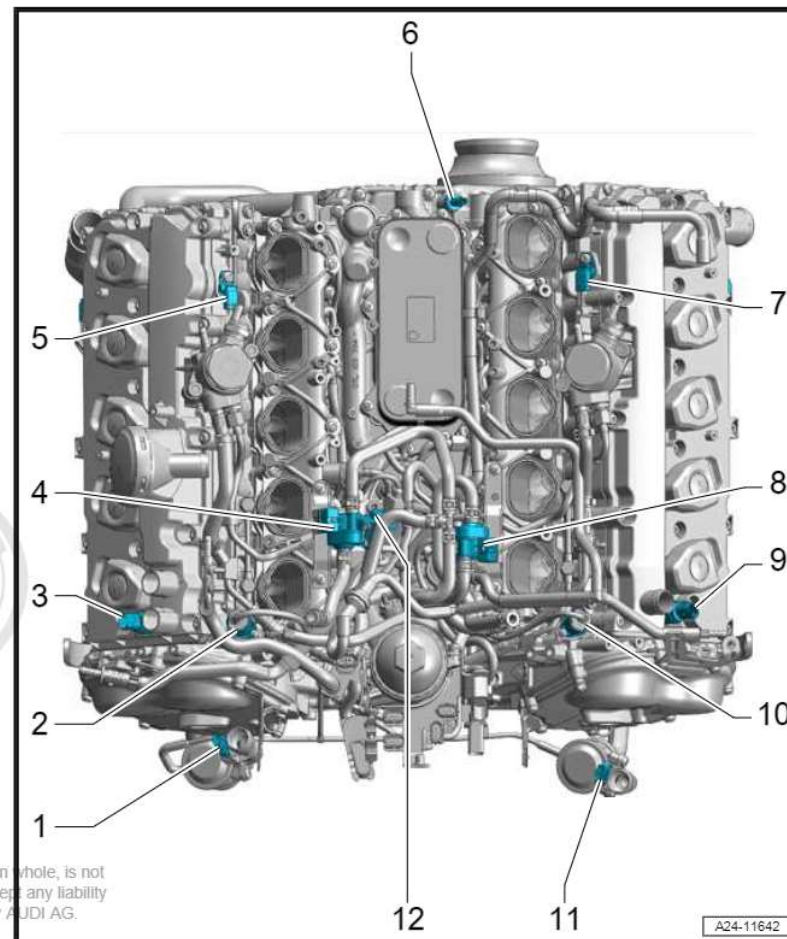
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### 1.1.2 Top View Part I

- 1 - Secondary air injection sensor 2 -G610-
- 2 - Camshaft Adjustment Valve 2 -N208-
- 3 - Camshaft Adjustment Valve 2 (exhaust) -N319-
- 4 - EVAP canister purge regulator valve 2 -N115-
- 5 - Camshaft Position (CMP) Sensor 2 -G163-
- 6 - Engine Coolant Temperature (ECT) Sensor -G62-
- 7 - Camshaft Position (CMP) Sensor -G40-
- 8 - Evaporative Emission (EVAP) Canister Purge Regulator Valve 1 -N80-
- 9 - Camshaft Adjustment Valve 1 (exhaust) -N318-
- 10 - Camshaft Adjustment Valve 1 -N205-
- 11 - Secondary Air Injection Sensor 1 -G609-
- 12 - Secondary Air Injection (AIR) Solenoid Valve -N112-



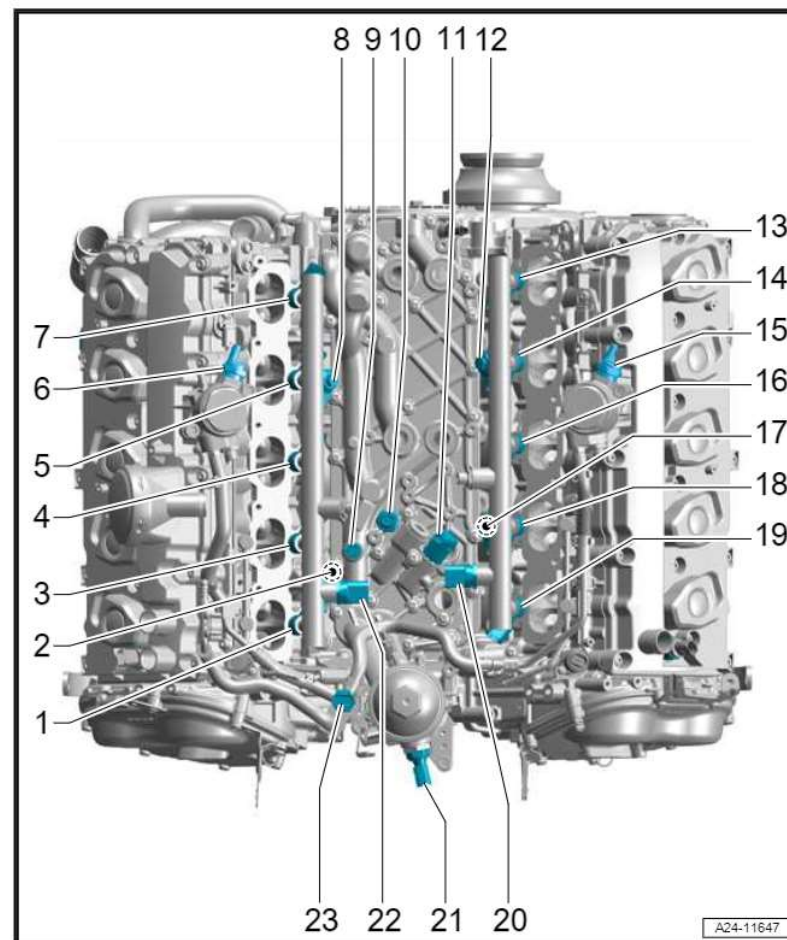
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1.1.3 Top View Part II

- 1 - Cylinder 10 Fuel Injector -N300-
- 2 - Knock Sensor 4 -G199-
- 3 - Cylinder 9 Fuel Injector -N299-
- 4 - Cylinder 8 Fuel Injector -N86-
- 5 - Cylinder 7 Fuel Injector -N85-
- 6 - Fuel metering valve 2 -N402-
- 7 - Cylinder 6 Fuel Injector -N84-
- 8 - Knock Sensor 3 -G198-
- 9 - Oil Temperature Sensor 2 -G664-
- 10 - Reduced oil pressure switch -F378-
- 11 - Piston cooling nozzle control valve -N522-
- 12 - Knock Sensor 1 -G61-
- 13 - Cylinder 1 Fuel Injector -N30-
- 14 - Cylinder 2 Fuel Injector -N31-
- 15 - Fuel metering valve -N290-
- 16 - Cylinder 3 Fuel Injector -N32-
- 17 - Cylinder 4 Fuel Injector -N33-
- 18 - Knock Sensor 2 -G66-
- 19 - Cylinder 5 Fuel Injector -N83-
- 20 - Fuel Pressure Sensor -G247-
- 21 - Oil pressure switch -F1-
- 22 - Fuel Pressure Sensor 2 -G624-
- 23 - Low Fuel Pressure Sensor -G410-

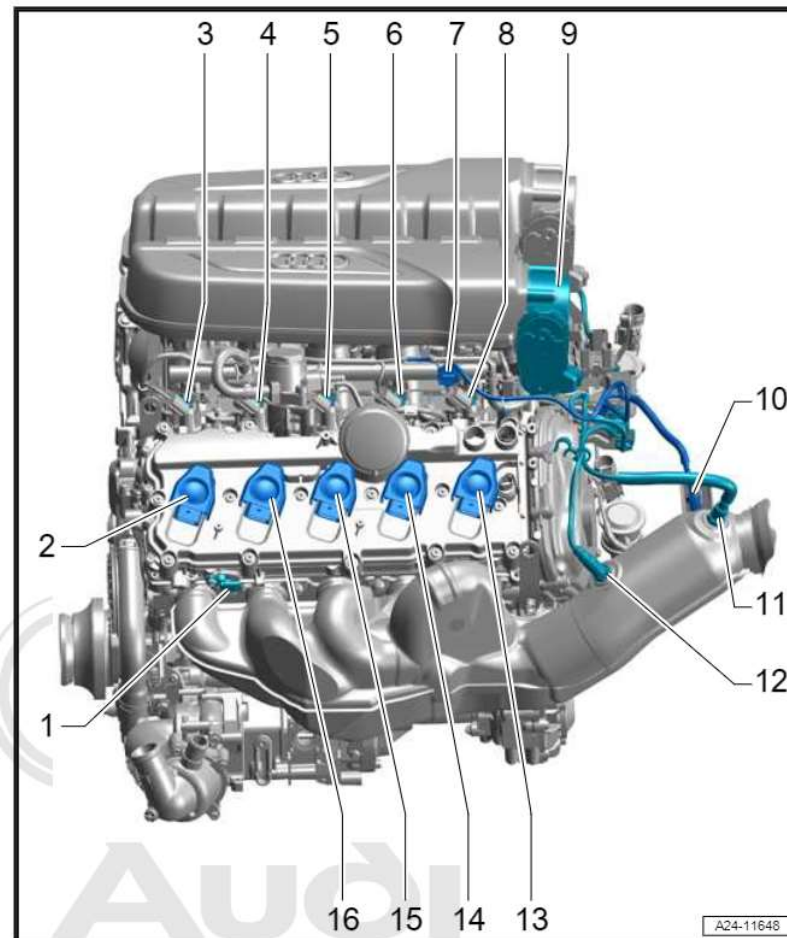


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1.1.4 Left View

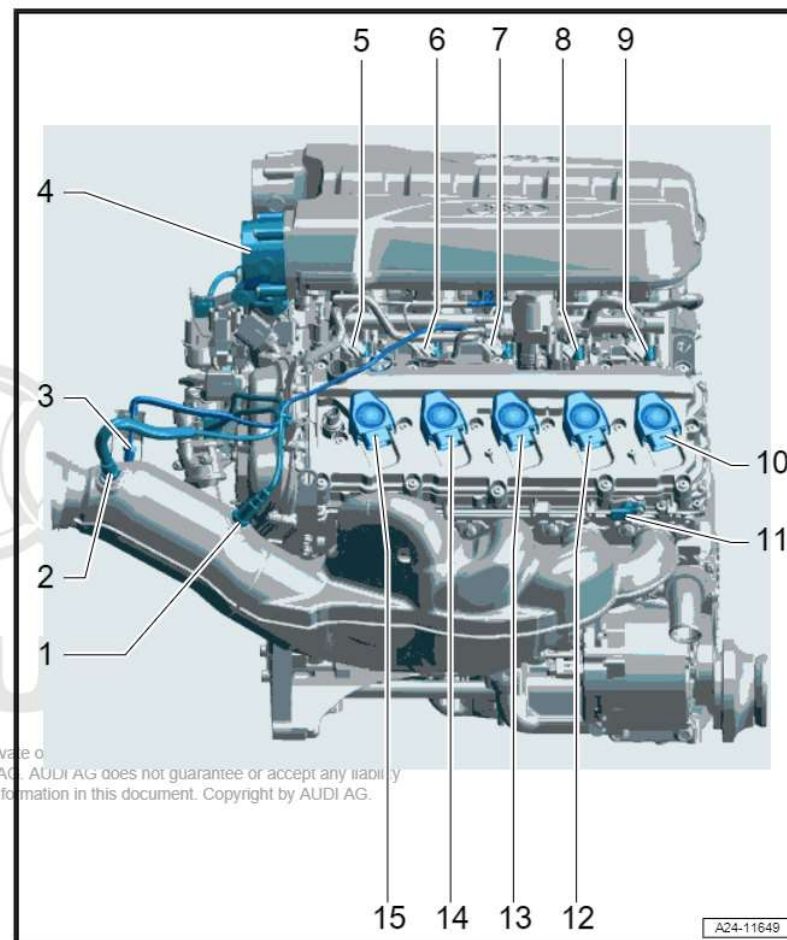
- 1 - Camshaft Position (CMP) Sensor 4 -G301-
- 2 - Ignition Coil 6 with Power Output Stage -N324-
- 3 - Cylinder 6 fuel injector 2 -N537-
- 4 - Cylinder 7 fuel injector 2 -N538-
- 5 - Cylinder 8 fuel injector 2 -N539-
- 6 - Cylinder 9 fuel injector 2 -N555-
- 7 - Low fuel pressure sensor 2 -G896-
- 8 - Cylinder 10 fuel injector 2 -N557-
- 9 - Throttle valve control module 2 -J544-
- 10 - Exhaust gas temperature sensor 2 G448
- 11 - Oxygen Sensor (O2S) 2 Behind Three Way Catalytic Converter (TWC) G131
- 12 - Heated Oxygen Sensor (HO2S) 2 G108
- 13 - Ignition coil 10 with power output stage -N328-
- 14 - Ignition Coil 9 with Power Output Stage -N327-
- 15 - Ignition Coil 8 with Power Output Stage -N326-
- 16 - Ignition Coil 7 with Power Output Stage -N325-



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1.1.5 Right View

- 1 - Heated Oxygen Sensor (HO2S) G39
- 2 - Oxygen Sensor (O2S) Behind Three Way Catalytic Converter (TWC) G130
- 3 - Exhaust gas temperature sensor 1 G235
- 4 - Throttle Valve Control Module J338
- 5 - Cylinder 5 fuel injector 2 -N536-
- 6 - Cylinder 4 fuel injector 2 -N535-
- 7 - Cylinder 3 fuel injector 2 -N534-
- 8 - Cylinder 2 fuel injector 2 -N533-
- 9 - Cylinder 1 fuel injector 2 -N532-
- 10 - Ignition Coil 1 with Power Output Stage -N70-
- 11 - Camshaft Position (CMP) Sensor 3 -G300-
- 12 - Ignition Coil 2 with Power Output Stage -N127-
- 13 - Ignition Coil 3 with Power Output Stage -N291-
- 14 - Ignition Coil 4 with Power Output Stage -N292-
- 15 - Ignition Coil 5 with Power Output Stage -N323-



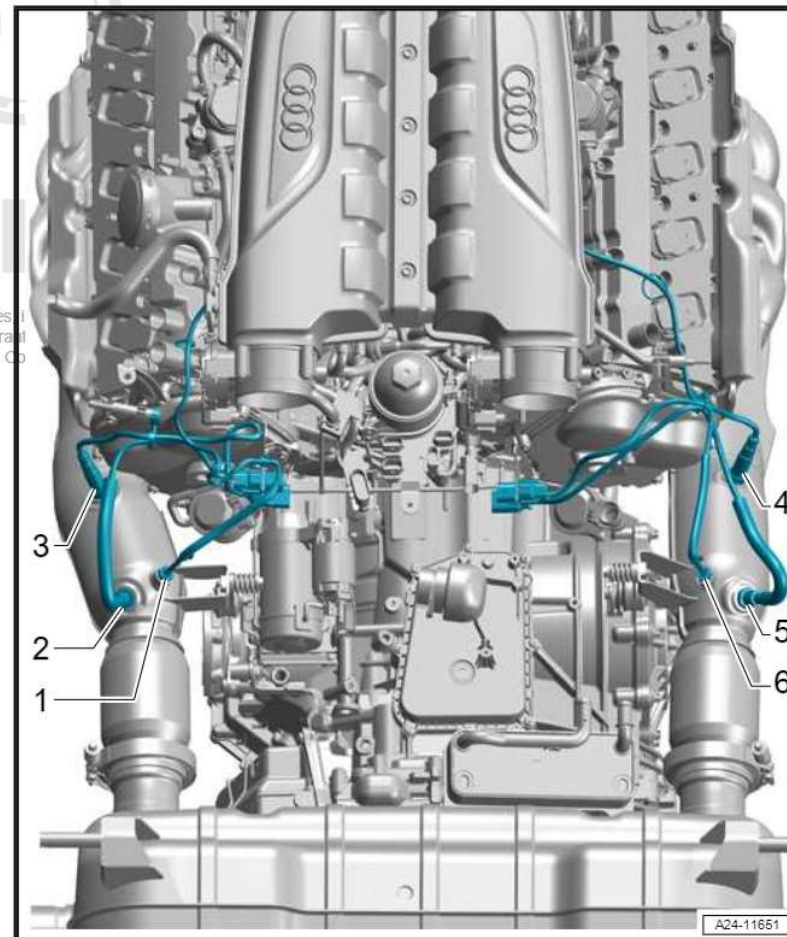
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## 1.2 Oxygen Sensors

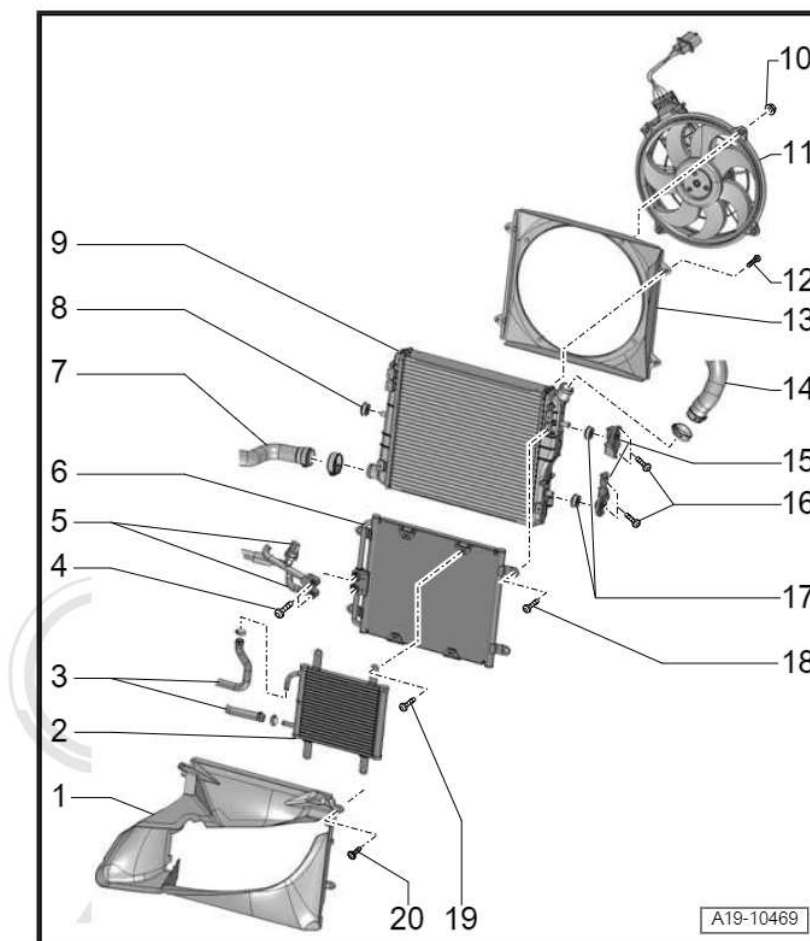
- 1 - Exhaust gas temperature sensor 2 -G448-
- 2 - Oxygen sensor 2 after catalytic converter -G131-
- 3 - Heated oxygen sensor 2 -G108-
- 4 - Heated oxygen sensor -G39-
- 5 - Oxygen sensor after catalytic converter -G130-
- 6 - Exhaust gas temperature sensor 1 -G235-

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### 1.3 Cooling Fans

- 11 - Coolant Fan V7
- 11 - Coolant Fan Control (FC) Control Module J293
- 11 - Coolant Fan 2 V177
- 11 - Coolant Fan Control (FC) Control Module 2 J671



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### 1.4 Fuel Pump

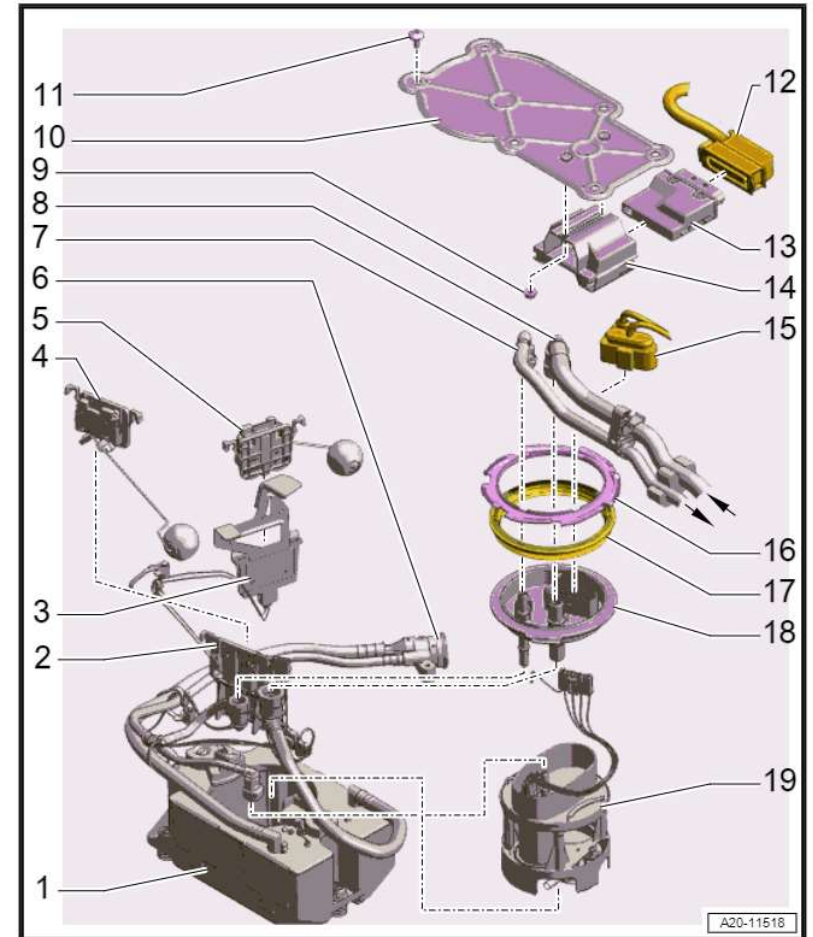
- ◆ ⇒ ["1.4.1 Right Chamber", page 9](#)
- ◆ ⇒ ["1.4.2 Left Chamber", page 10](#)

1.4.1 Right Chamber

- 4 - Fuel Level Sensor -G-
- 5 - Fuel Level Sensor 2 -G169-
- 13 - Fuel pump control module J538
- 19 - Transfer fuel pump -G6-



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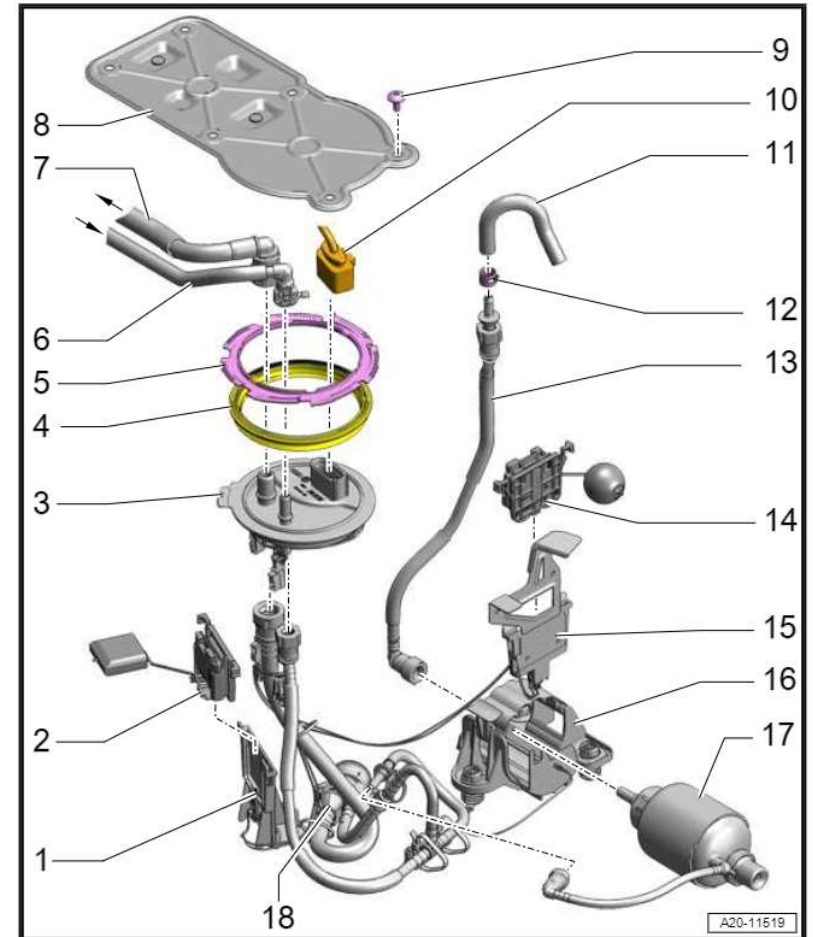
1.4.2 Left Chamber

2 - Fuel Level Sensor 3 -G237-

14 - Fuel Level Sensor 4 -G393-



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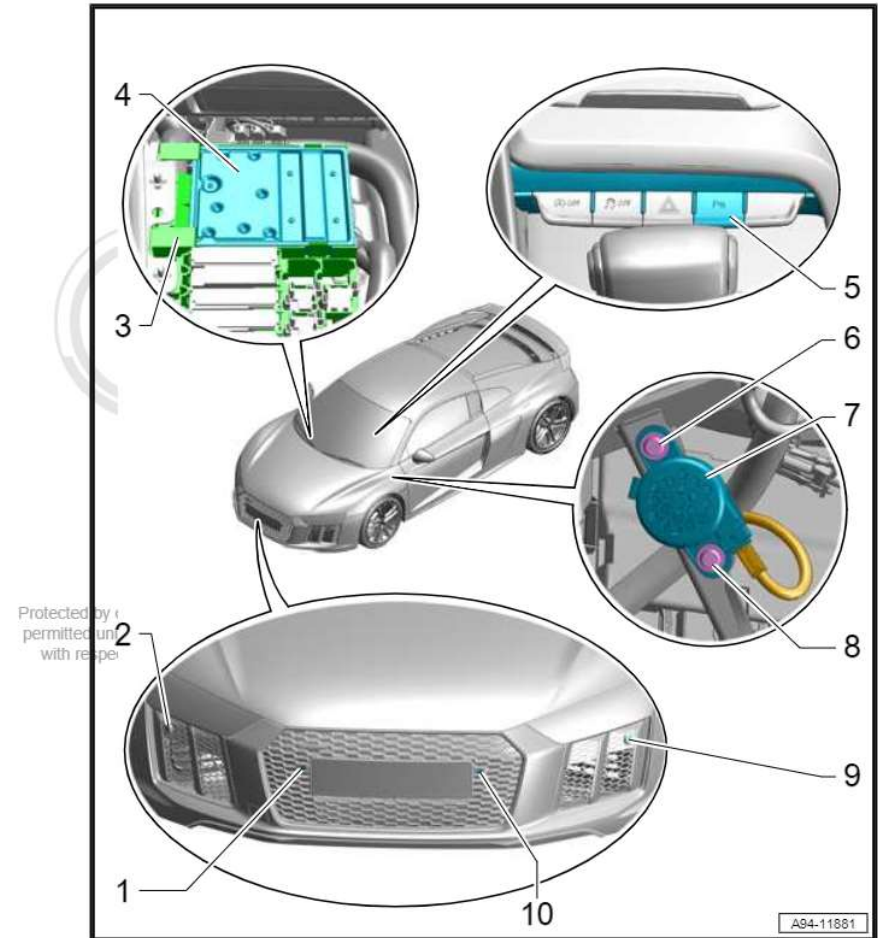
1 Comp. Loc. Park Aid

◆ => "1.1 Front Park Aid", page 1

◆ => "1.2 Rear Park Aid", page 2

1.1 Front Park Aid

- 1 - Right Front Center Parking Aid Sensor -G253-  
 In front bumper
- 2 - Right Front Parking Aid Sensor -G252-  
 In front bumper
- 4 - Vehicle electrical system control module J519
- 5 - Parking Aid Button -E266-
- 7 - Front Parking Aid Warning Buzzer -H22-
- 9 - Left Front Parking Aid Sensor -G255-  
 In front bumper
- 10 - Left Front Center Parking Aid Sensor -G254-  
 In front bumper



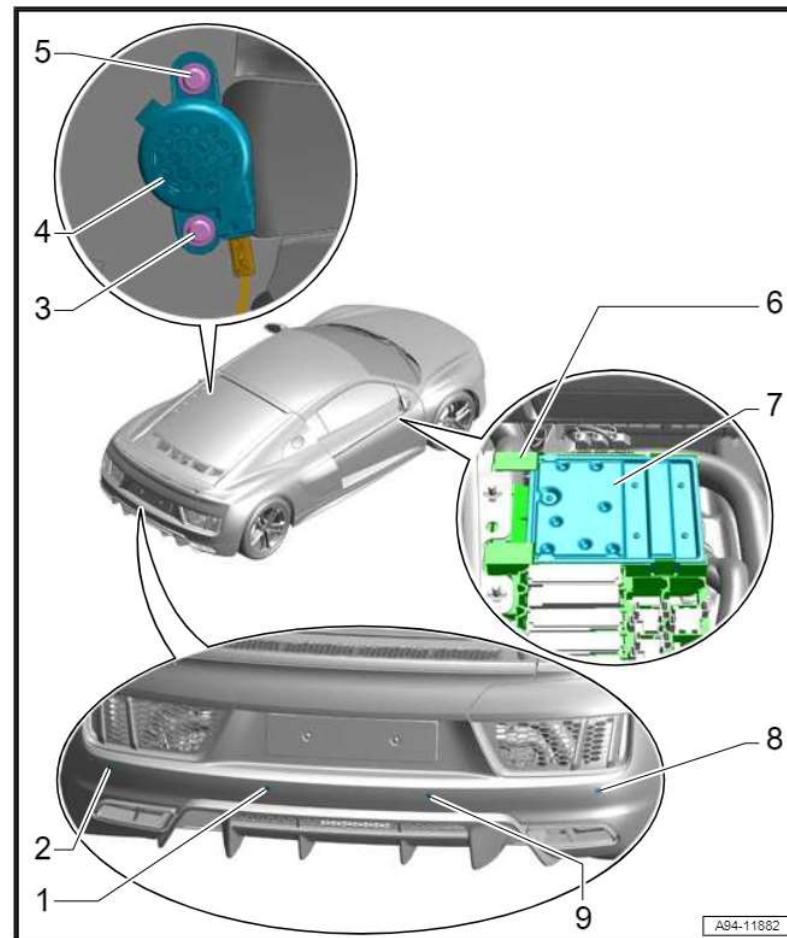


1.2 Rear Park Aid

- 1 - Left rear center parking aid sensor -G204-
- 2 - Left rear parking aid sensor -G203-
- 4 - Rear parking aid warning buzzer -H15-
  - Always on the driver side
- 7 - Vehicle electrical system control module J519
- 8 - Right rear parking aid sensor -G206-
- 9 - Right rear center parking aid sensor -G205-



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## 1 Comp. Loc. Radio/Nav

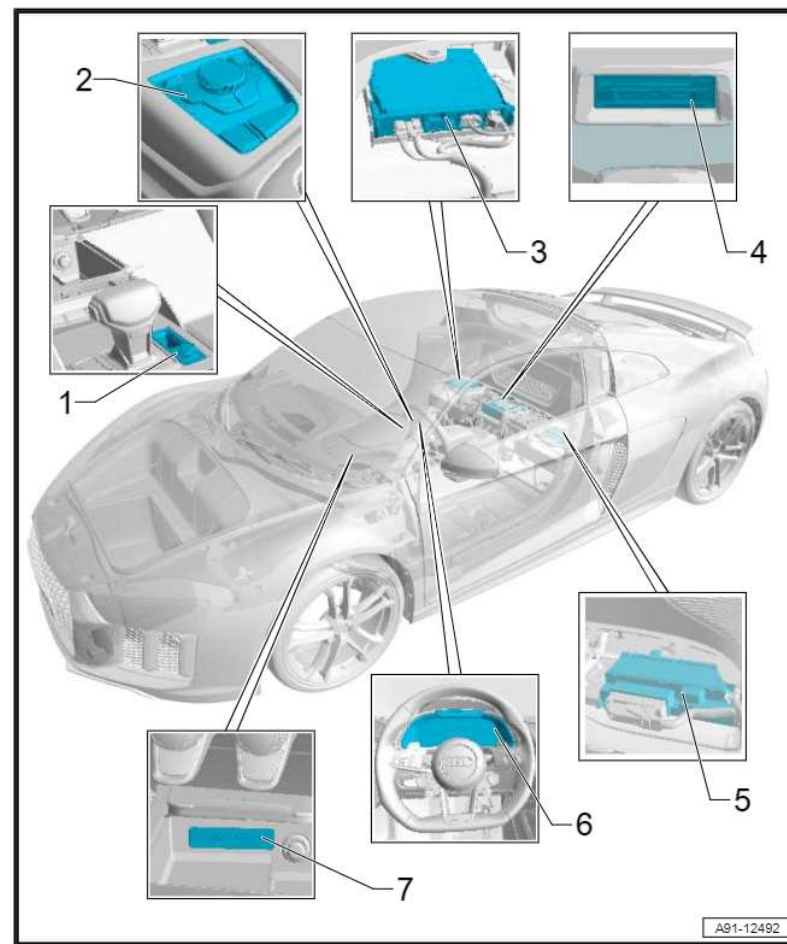
- ◆ ⇒ ["1.1 Infotainment", page 1](#)
- ◆ ⇒ ["1.2 Navigation", page 3](#)
- ◆ ⇒ ["1.3 TV", page 4](#)
- ◆ ⇒ ["1.4 Telephone", page 4](#)
- ◆ ⇒ ["1.5 Antenna", page 6](#)
- ◆ ⇒ ["1.6 Sound System", page 8](#)

### 1.1 Infotainment



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- 1 - Driver volume control -E67-
- 2 - Multimedia system control head -E380-
- 3 - TV tuner R78
- 4 - Information electronics control module 1 J794
- 5 - Digital sound system control module J525
- 6 - Instrument cluster control module J285
- 7 - External audio source connection -R199-



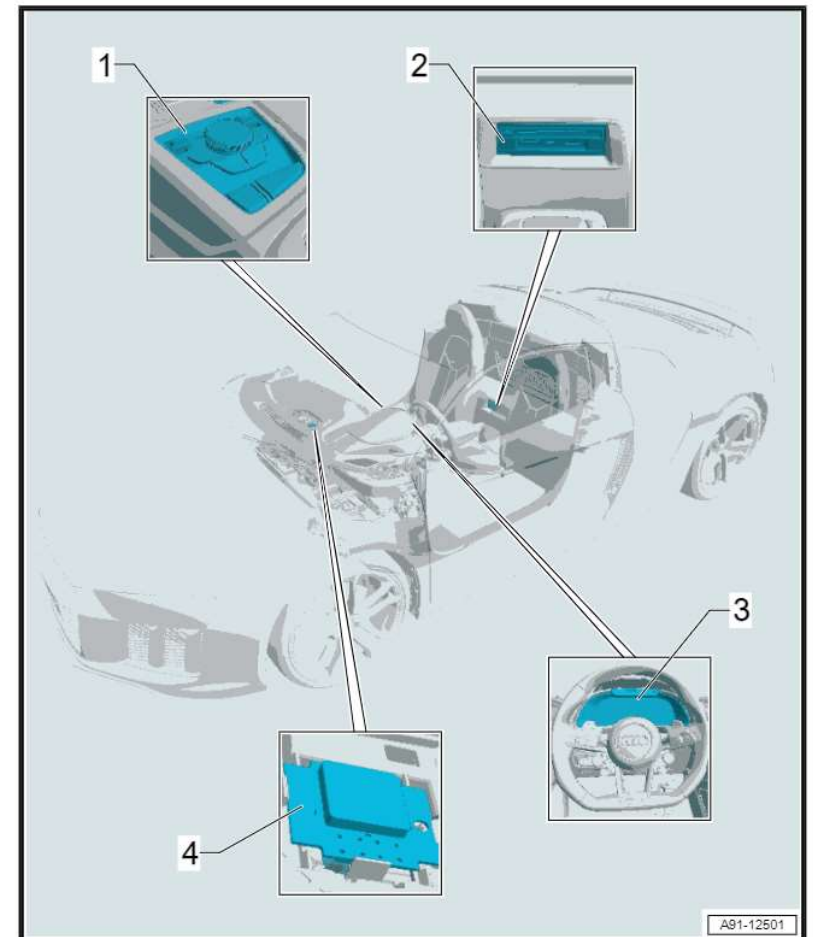
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1.2 Navigation

- 1 - Multimedia system control head E380
- 2 - Information electronics control module 1 J794
- 3 - Instrument cluster control module J285
- 4 - GPS antenna -R50-



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1.3 TV

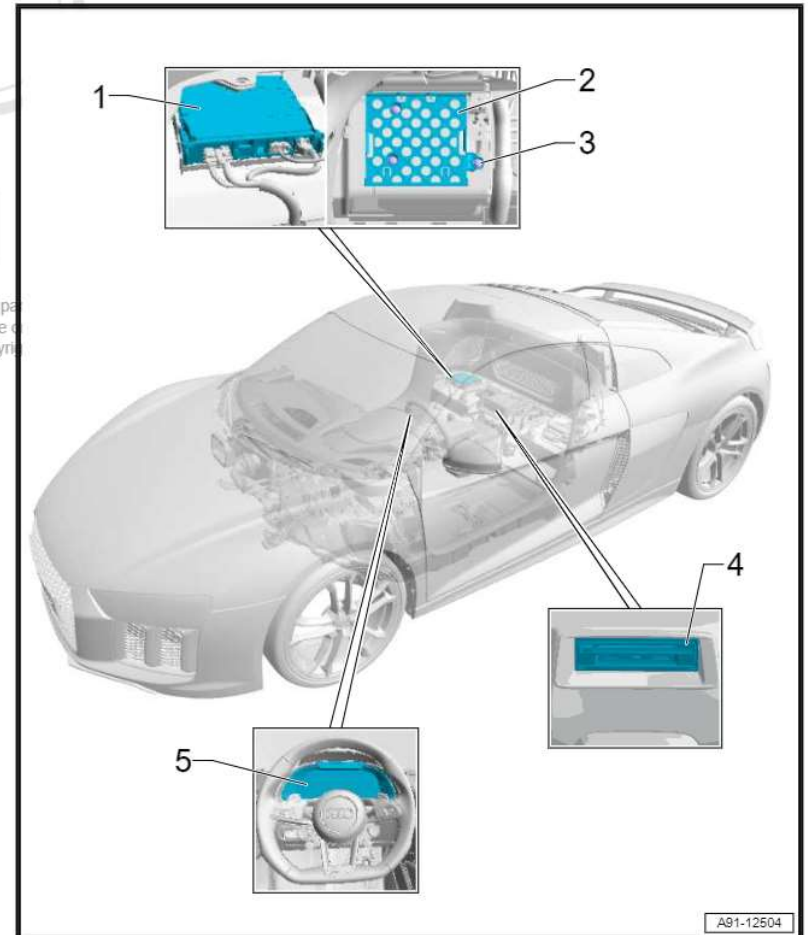
1 - TV tuner R78

4 - Information electronics control module 1 J794

5 - Instrument cluster control module J285



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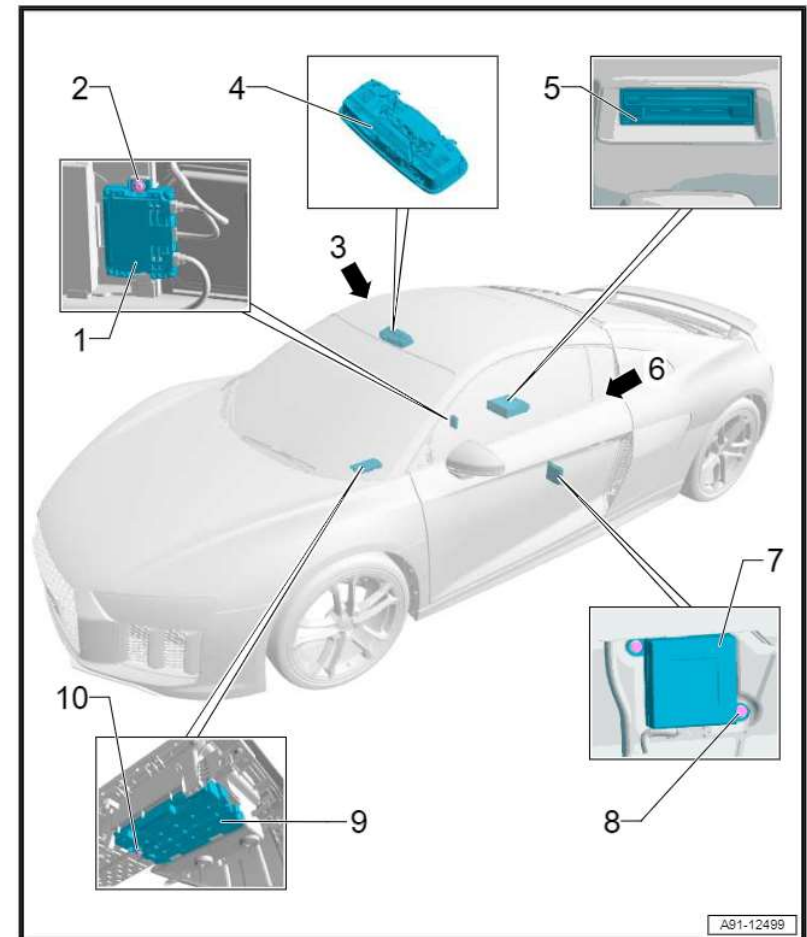


1.4 Telephone

- ◆ ⇒ ["1.4.1 Telephone System", page 5](#)
- ◆ ⇒ ["1.4.2 Audi Phone Box, 9ZE", page 6](#)

1.4.1 Telephone System

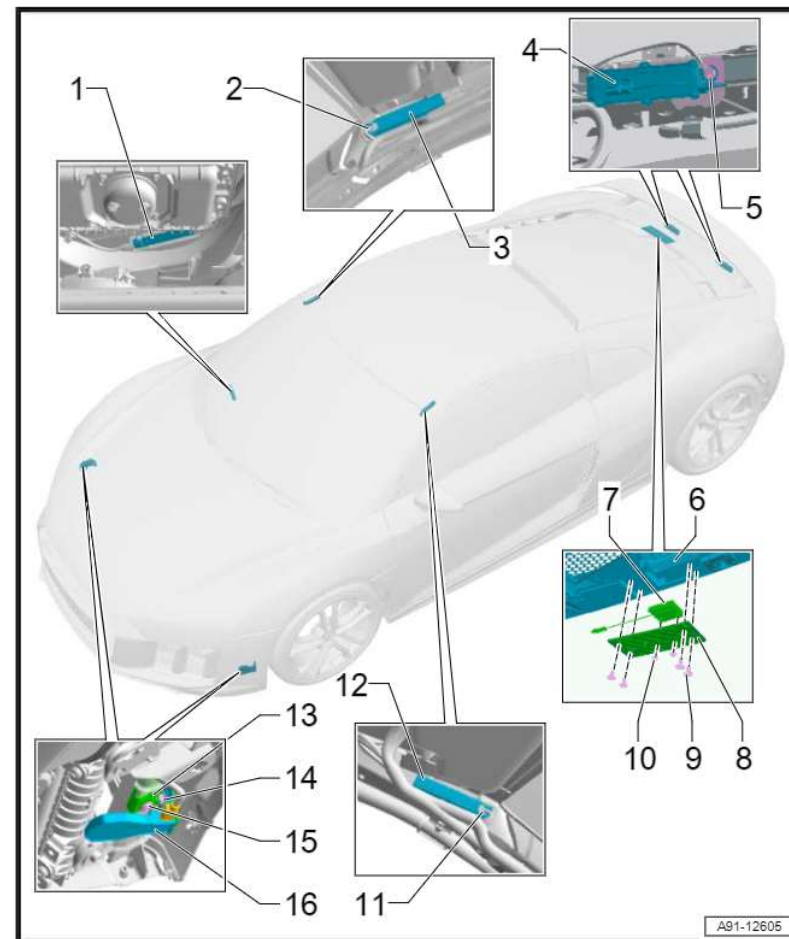
- 1 - Cellular telephone amplifier R86
- 4 - Front roof module -WX3-
- 4 - Microphone Unit (in front roof module) -R164-
- 5 - Information electronics control module 1 J794
- 7 - Seat belt microphone control module J886
- 9 - Telephone Baseplate -R126-



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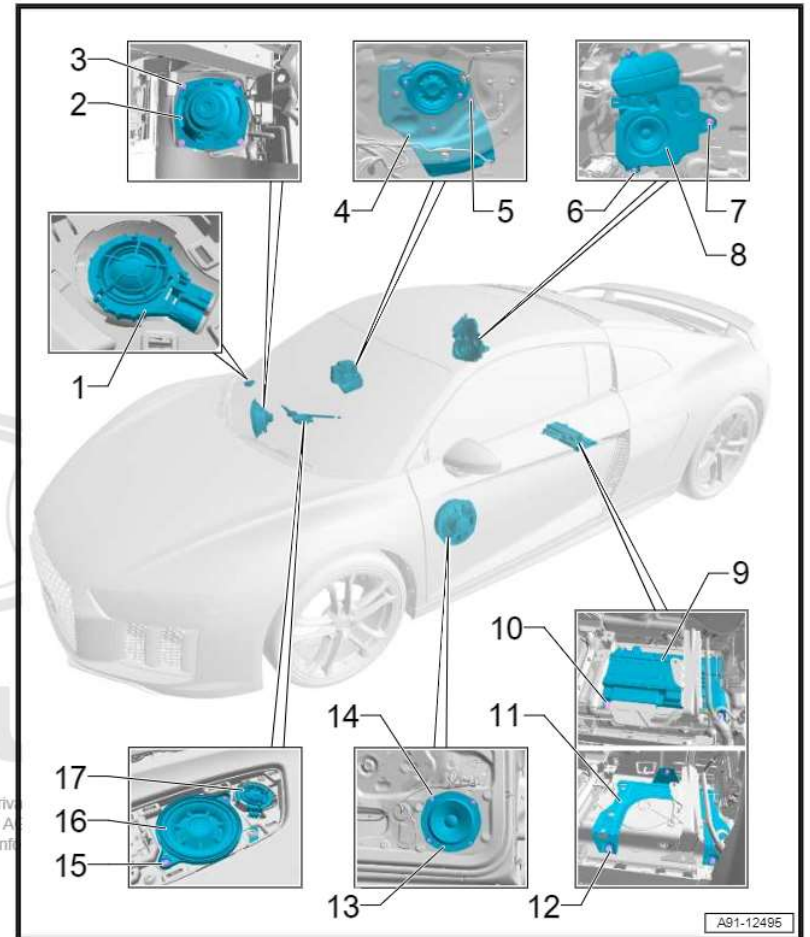
- 1 - LTE antenna 2 -R306-
- 3 - Antenna Amplifier 2 -R111-
  - ❑ located on the right A-pillar near the transition to the roof.
- 3 - Digital radio antenna -R183-
- 3 - Radio antenna 2 -R93-
- 4 - Antenna Amplifier -R24-
  - ❑ on the left side of the rear lid rack
- 4 - TV antenna amplifier 1 -R82-
  - ❑ on the right side of the rear lid rack
- 4 - Antenna -R11-
  - ❑ antenna under rear cover
- 4 - TV antenna 1 -R55- , if equipped
  - ❑ antenna under rear cover
- 4 - TV antenna 2 -R56- , if equipped
  - ❑ antenna under rear cover
- 7 - Satellite Antenna -R170-
  - ❑ located on the bottom of the rear trim.
- 12 - Antenna Amplifier 3 -R112-
  - ❑ located on the left A-pillar near the transition to the roof.
- 12 - Central locking and anti-theft alarm system antenna -R47-
- 12 - TV antenna 3 -R57- , if equipped
- 16 - Telephone antenna -R65-
  - ❑ Located on right side of vehicle.
- 16 - LTE antenna 1 -R297-
  - ❑ Located on left side of vehicle.





1.6 Sound System

- 1 - Left Front Treble Speaker -R20-
- 1 - Right Front Treble Speaker -R22-
- 2 - Subwoofer -R211- , 9VS only
  - ❑ located in the front passenger footwell behind the glove compartment.
- 4 - Left Front Midrange Speaker -R103- , 9VS only
- 4 - Right Front Midrange Speaker -R104- , 9VS only
- 8 - Left Rear Treble Speaker -R14- , 9VS only
- 8 - Left rear midrange speaker -R105- , 9VS only
- 8 - Right Rear Treble Speaker -R16- , 9VS only
- 8 - Right rear midrange speaker -R106- , 9VS only
- 9 - Digital Sound System Control Module J525, 9VS only
  - ❑ Below rear shelf, left
- 13 - Left Front Bass Speaker -R21-
- 13 - Right Front Bass Speaker -R23-
- 16 - Center speaker -R208-
- 17 - Center speaker 2 -R219- , 9VS only



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1 Comp. Loc. Suspension

1.1 Suspension

1 - Left Front Level Control System Sensor -G78-

❑ Component location: On the left track transverse link

2 - Left Front Dampening Adjustment Valve -N336-

3 - Right Front Dampening Adjustment Valve -N337-

4 - Right Front Level Control Sensor -G289-

❑ Component location: On the right track transverse link

5 - Right Rear Level Control System Sensor -G77-

❑ Component location: On the right track transverse link

6 - Right Rear Dampening Adjustment Valve -N339-

7 - Electronic Damping Control Module J250

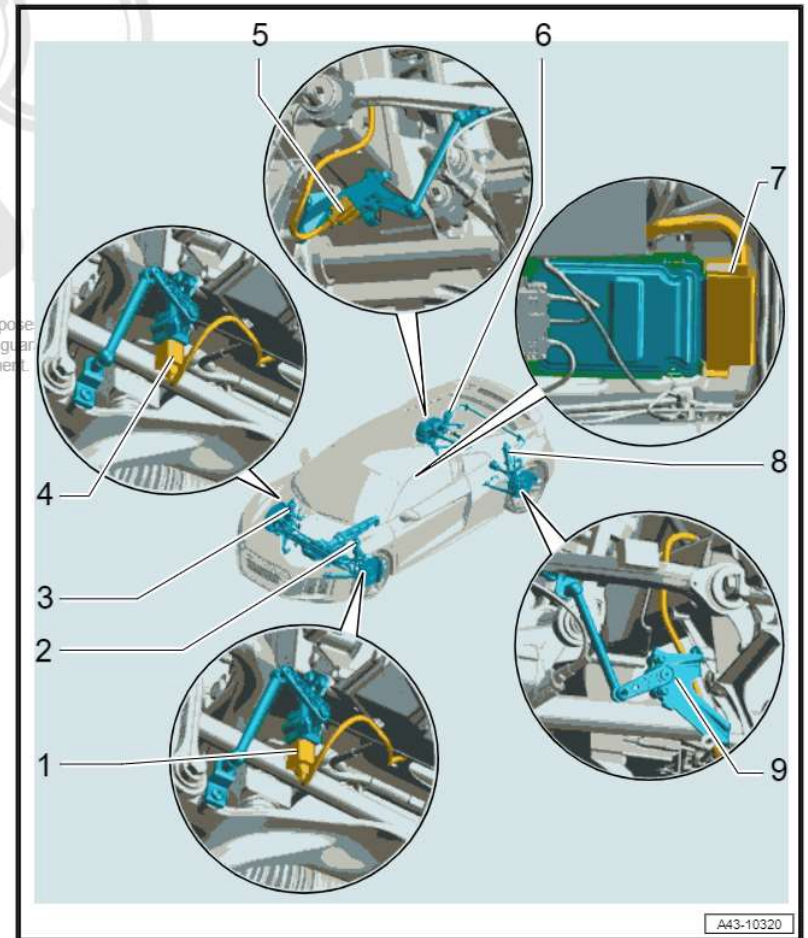
❑ Component location: behind the glove compartment on the right side.

8 - Left Rear Dampening Adjustment Valve -N338-

9 - Left Rear Level Control System Sensor -G76-

❑ Component location: On the left track transverse link

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## 1 Comp. Loc. Transmission

### 1.1 Automatic DSG Transmission 0BZ

◆ ⇒ ["1.1.1 Transmission Housing Sensor", page 1](#)

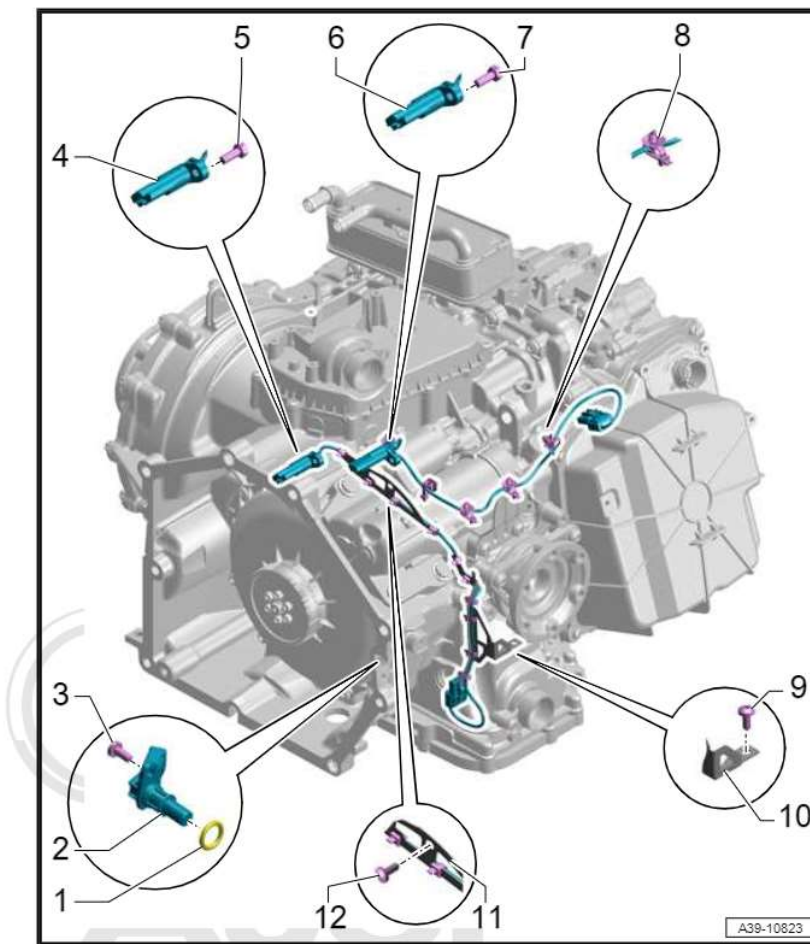
◆ ⇒ ["1.1.2 Transmission Control", page 3](#)

#### 1.1.1 Transmission Housing Sensor



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- 2 - Engine speed sensor G28
- 4 - Clutch temperature sensor 2 -G659-
- 6 - Transmission input speed sensor -G182-
- 6 - Clutch temperature sensor 1 -G658-



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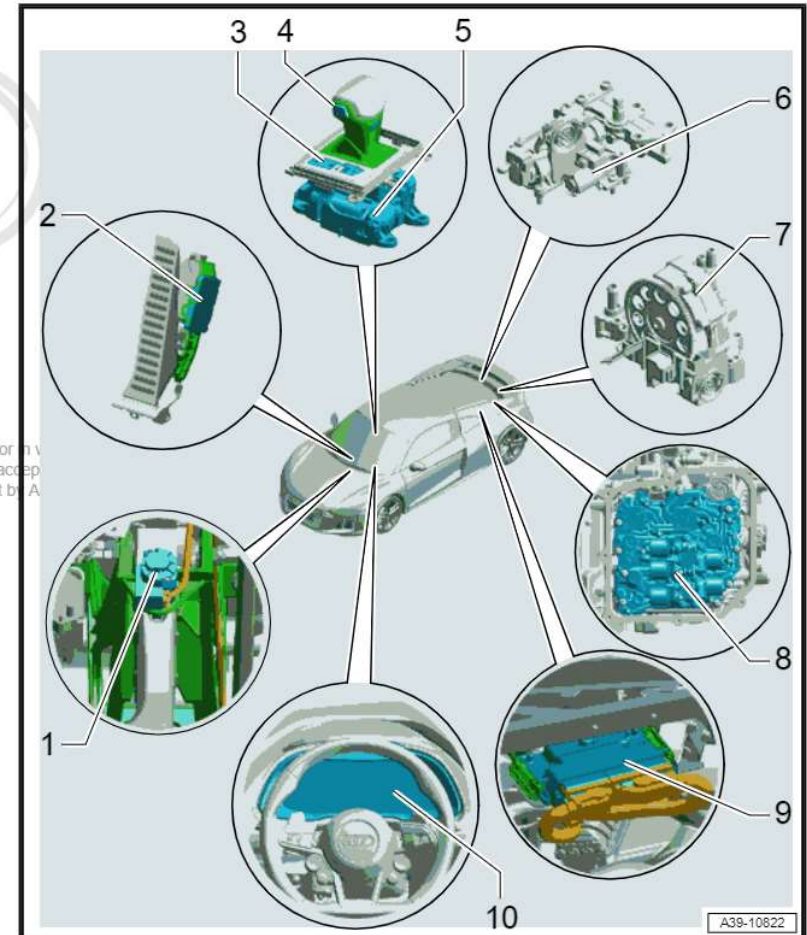
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1.1.2 Transmission Control

- 1 - Brake lamp switch F
- 2 - Accelerator pedal position sensor -G79-
- 2 - Accelerator pedal position sensor 2 -G185-
- 3 - Selector lever transmission range display -Y5-
- 4 - Selector lever release button -E681-
- 4 - Parking lock button -E816-
- 5 - Selector lever -E313-
- 6 - Parking lock sensor -G747-
- 6 - Parking lock solenoid -N486-
- 6 - Parking lock solenoid valve -N573-
- 7 - Clutch cooling valve 2 -N448-
- 7 - Parking lock solenoid valve 2 -N574-
- 7 - Clutch temperature sensor 2 -G659-
- 8 - DSG transmission Mechatronic J743
- 8 - Transmission fluid temperature sensor -G93-
- 8 - Gear position distance sensor 1 -G487-
- 8 - Gear position distance sensor 2 -G488-
- 8 - Gear position distance sensor 3 -G489-
- 8 - Gear position distance sensor 4 -G490-
- 8 - Hydraulic pressure sensor 1 -G545-
- 8 - Hydraulic pressure sensor 2 -G546-
- 8 - Transmission input speed sensor 2 -G612-
- 8 - Transmission input speed sensor 1 -G632-
- 8 - Sub-transmission 1 valve 1 -N433-
- 8 - Sub-transmission 1 valve 2 -N434-
- 8 - Sub-transmission 1 valve 3 -N435-
- 8 - Sub-transmission 1 valve 4 -N436-



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- 8 - Sub-transmission 2 valve 1 -N437-
- 8 - Sub-transmission 2 valve 2 -N438-
- 8 - Sub-transmission 2 valve 3 -N439-
- 8 - Sub-transmission 2 valve 4 -N440-
- 8 - Clutch cooling valve 1 -N447-
- 8 - Main pressure valve -N472-
- 9 - Automatic transmission control module 2 J1006
- 10 - Instrument cluster control module J285

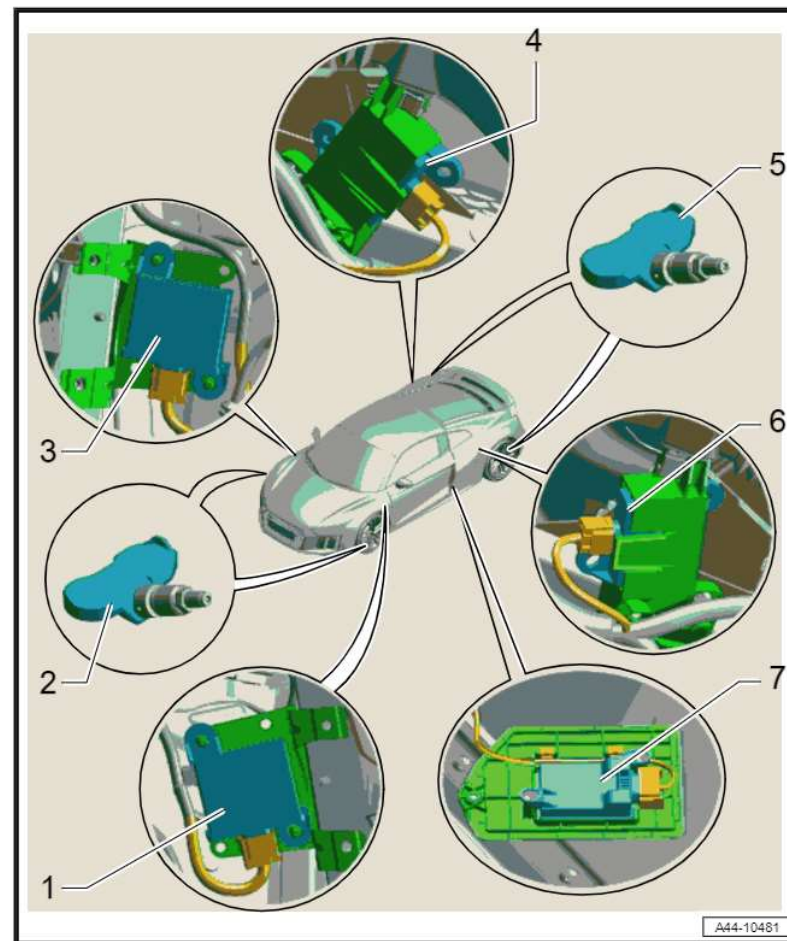


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1 Comp. Loc. TPMS

1.1 TPMS

- 1 - Left front tire pressure monitoring antenna -R59-
- 2 - Left Front Tire Pressure Monitoring Sensor -G222-
- 2 - Right Front Tire Pressure Monitoring Sensor -G223-
- 3 - Right Front Tire Pressure Monitoring Antenna -R60-
  - ❑ Component location: Right front longitudinal member on the outer side
- 4 - Right Rear Tire Pressure Monitoring Antenna -R62-
  - ❑ Component location: Right rear longitudinal member on the outer side
- 5 - Left Rear Tire Pressure Monitoring Sensor -G224-
- 5 - Right Rear Tire Pressure Monitoring Sensor -G225-
- 6 - Left rear tire pressure monitoring antenna -R61-
- 7 - Tire Pressure Monitoring Control Module J502
  - ❑ Component location: Behind the rear shelf on the left side



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1 Comp. Loc. Central Locking

◆ => "1.1 Central Locking", page 1

◆ => "1.2 Keyless Access Authorization", page 2

1.1 Central Locking

1 - Front Hood Contact Switch -F387-

□ Component location in front latch

2 - Front Hood Release Motor -V394-

3 - Vehicle positioning system interface control module J843

4 - Front Passenger Door Control Module J387

5 - Anti-Theft Alarm System Sensor G578

6 - Fuel Tank Lid Unlock Motor -V155-

□ Installation location in the lid lock

7 - Hood contact switch 2 -F329-

□ In the right rear latch

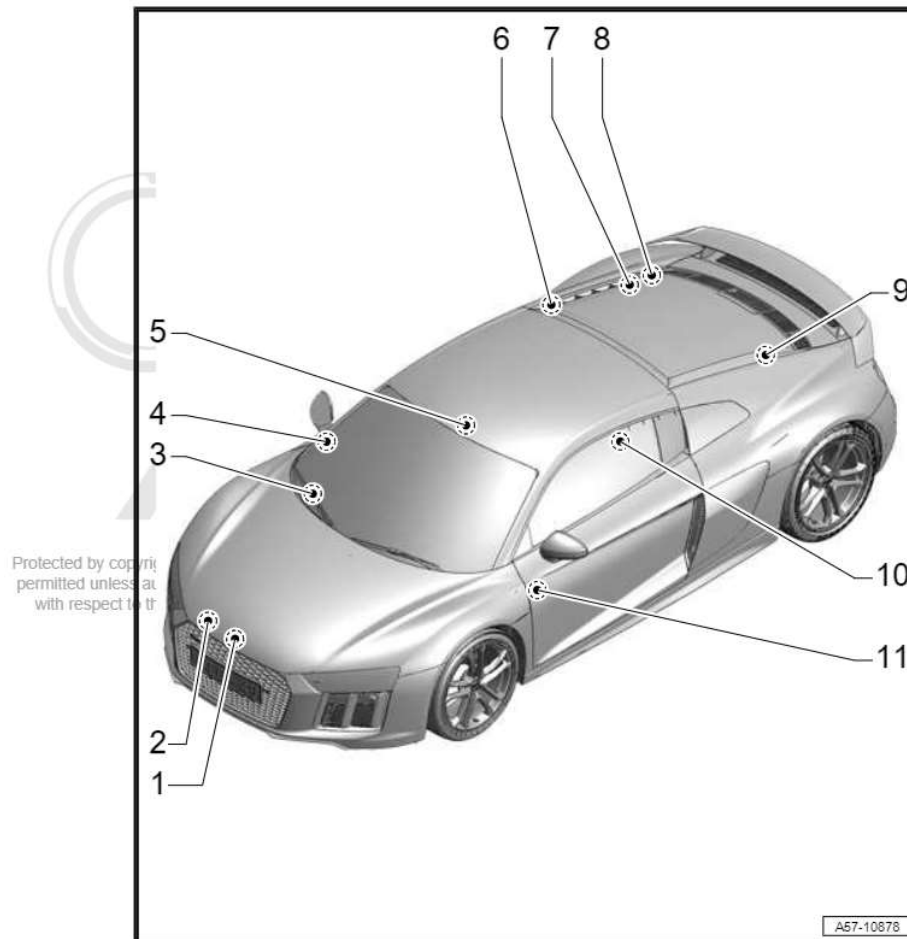
8 - Rear lid unlock motor -V139-

9 - Front Hood Switch -F266-

□ In the left rear latch

10 - Comfort System Central Control Module J393

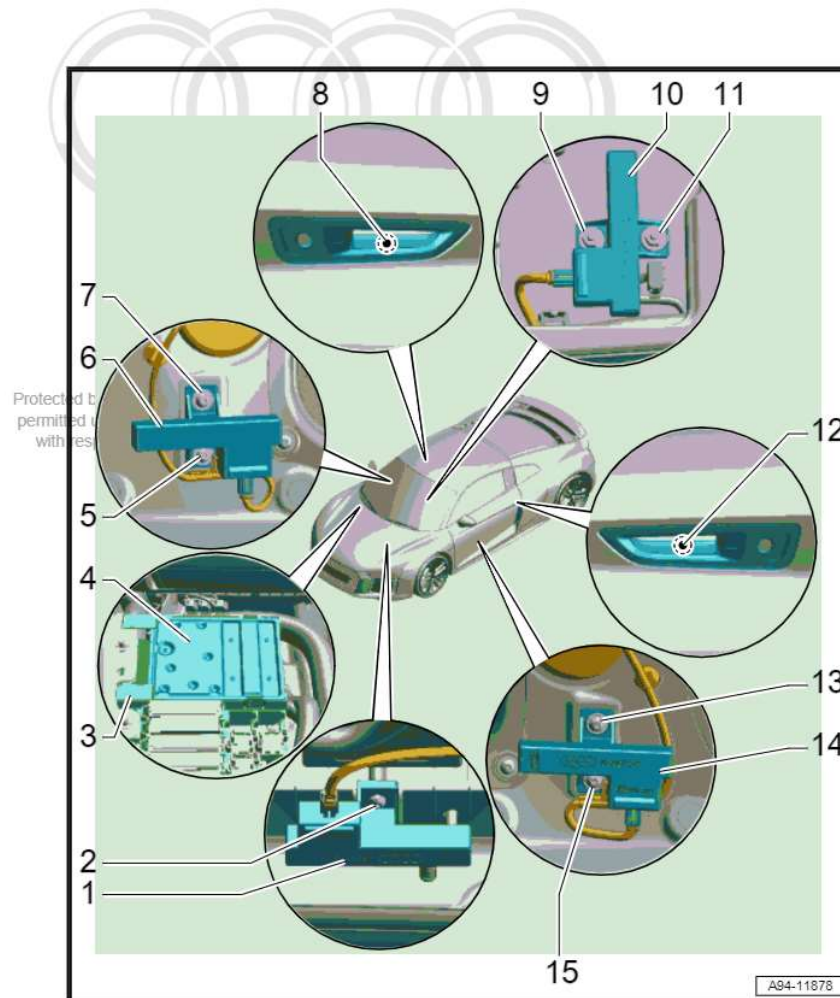
11 - Driver Door Control Module J386





1.2 Keyless Access Authorization

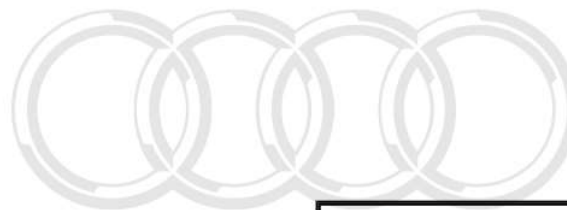
- 1 - Access/start system antenna in luggage compartment -R137-
- 4 - Vehicle electrical system control module J519
- 6 - Right access/start authorization antenna -R201-
- 8 - Right front exterior door handle touch sensor -G606-
- 10 - Access/start system antenna 1 in vehicle interior -R138-
- 12 - Left front exterior door handle touch sensor -G605-
- 14 - Left access/start authorization antenna -R200-



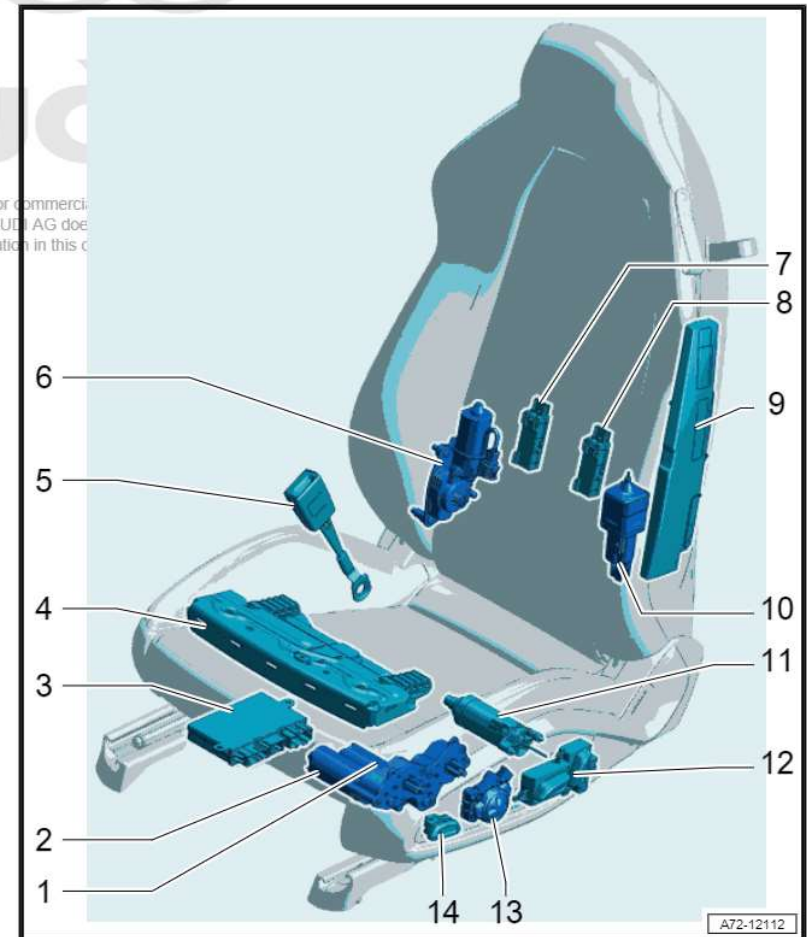
1 Comp. Loc. Comfort

1.1 Seat

- 1 - Driver Seat Height Adjustment Motor -V245-  
  - ❑ Left side shown, right side similar
- 1 - Front Passenger Seat Height Adjustment Motor -V246-  
  - ❑ Left side shown, right side similar
- 2 - Driver Seat Angle Adjustment Motor -V243-  
  - ❑ Left side shown, right side similar
- 2 - Front Passenger Seat Angle Adjustment Motor -V244-  
  - ❑ Left side shown, right side similar
- 2 - Seat Forward/Back Adjustment Motor -V288-
- 3 - Memory seat/steering column adjustment control module J136
- 3 - Front passenger memory seat control module J521
- 4 - Driver seat depth adjustment motor -V256-
- 4 - Front passenger seat depth adjustment motor -V257-
- 5 - Driver seat belt switch -E24-
- 5 - Front passenger seat belt switch -E25-
- 6 - Driver Backrest Adjustment Motor -V45-
- 6 - Front Passenger Backrest Adjustment Motor -V46-
- 7 - Driver seat lumbar support lower air cushion valve -N714-
- 7 - Driver seat lumbar support upper air cushion valve -N715-
- 7 - Front passenger seat lumbar support upper air cushion valve -N718-
- 7 - Front passenger seat lumbar support lower air cushion valve -N719-
- 8 - Driver seat bolster air cushion valve -N716-
- 8 - Driver seat backrest bolster air cushion valve -N717-
- 8 - Front passenger seat bolster air cushion valve -N720-
- 8 - Front passenger seat backrest bolster air cushion valve -N721-
- 9 - Driver thorax airbag igniter N199

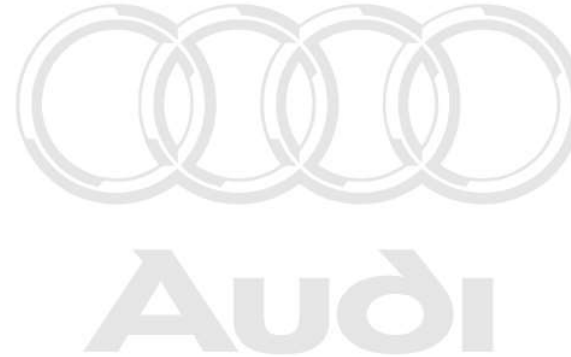


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- 9 - Front passenger thorax airbag igniter N200
- 10 - Driver multi-contour seat compressor -V439-
- 10 - Front passenger multi-contour seat compressor -V440-
- 11 - Driver seat forward/back adjustment motor -V28-
- 11 - Front passenger seat forward/back adjustment motor -V31-
- 12 - Driver seat adjustment control head -E470-
- 13 - Driver seat switch module -E663-
- 14 - Seat depth adjustment button -E350-



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## Cautions & Warnings

**Please read these WARNINGS and CAUTIONS before proceeding with maintenance and repair work. You must answer that you have read and you understand these WARNINGS and CAUTIONS before you will be allowed to view this information.**

- If you lack the skills, tools and equipment, or a suitable workshop for any procedure described in this manual, we suggest you leave such repairs to an authorized Audi retailer or other qualified shop. We especially urge you to consult an authorized Audi retailer before beginning repairs on any vehicle that may still be covered wholly or in part by any of the extensive warranties issued by Audi.
- Disconnect the battery negative terminal (ground strap) whenever you work on the fuel system or the electrical system. Do not smoke or work near heaters or other fire hazards. Keep an approved fire extinguisher handy.
- Audi is constantly improving its vehicles and sometimes these changes, both in parts and specifications, are made applicable to earlier models. Therefore, part numbers listed in this manual are for reference only. Always check with your authorized Audi retailer parts department for the latest information.
- Any time the battery has been disconnected on an automatic transmission vehicle, it will be necessary to reestablish Transmission Control Module (TCM) basic settings using the VAG 1551 Scan Tool (ST).
- Never work under a lifted vehicle unless it is solidly supported on stands designed for the purpose. Do not support a vehicle on cinder blocks, hollow tiles or other props that may crumble under continuous load. Never work under a vehicle that is supported solely by a jack. Never work under the vehicle while the engine is running.
- For vehicles equipped with an anti-theft radio, be sure of the correct radio activation code before disconnecting the battery or removing the radio. If the wrong code is entered when the power is restored, the radio may lock up and become inoperable, even if the correct code is used in a later attempt.
- If you are going to work under a vehicle on the ground, make sure that the ground is level. Block the wheels to keep the vehicle from rolling. Disconnect the battery negative terminal (ground strap) to prevent others from starting the vehicle while you are under it.
- Do not attempt to work on your vehicle if you do not feel well. You increase the danger of injury to yourself and others if you are tired, upset or have taken medicine or any other substances that may impair you or keep you from being fully alert.
- Never run the engine unless the work area is well ventilated. Carbon monoxide (CO) kills.

## Cautions & Warnings

- Do not re-use any fasteners that are worn or deformed in normal use. Some fasteners are designed to be used only once and are unreliable and may fail if used a second time. This includes, but is not limited to, nuts, bolts, washers, circlips and cotter pins. Always follow the recommendations in this manual - replace these fasteners with new parts where indicated, and any other time it is deemed necessary by inspection.
- Illuminate the work area adequately but safely. Use a portable safety light for working inside or under the vehicle. Make sure the bulb is enclosed by a wire cage. The hot filament of an accidentally broken bulb can ignite spilled fuel or oil.
- Friction materials such as brake pads and clutch discs may contain asbestos fibers. Do not create dust by grinding, sanding, or by cleaning with compressed air. Avoid breathing asbestos fibers and asbestos dust. Breathing asbestos can cause serious diseases such as asbestosis or cancer, and may result in death.
- Finger rings should be removed so that they cannot cause electrical shorts, get caught in running machinery, or be crushed by heavy parts.
- Before starting a job, make certain that you have all the necessary tools and parts on hand. Read all the instructions thoroughly, do not attempt shortcuts. Use tools that are appropriate to the work and use only replacement parts meeting Audi specifications. Makeshift tools, parts and procedures will not make good repairs.
- Catch draining fuel, oil or brake fluid in suitable containers. Do not use empty food or beverage containers that might mislead someone into drinking from them. Store flammable fluids away from fire hazards. Wipe up spills at once, but do not store the oily rags, which can ignite and burn spontaneously.
- Use pneumatic and electric tools only to loosen threaded parts and fasteners. Never use these tools to tighten fasteners, especially on light alloy parts. Always use a torque wrench to tighten fasteners to the tightening torque listed.
- Keep sparks, lighted matches, and open flame away from the top of the battery. If escaping hydrogen gas is ignited, it will ignite gas trapped in the cells and cause the battery to explode.
- Be mindful of the environment and ecology. Before you drain the crankcase, find out the proper way to dispose of the oil. Do not pour oil onto the ground, down a drain, or into a stream, pond, or lake. Consult local ordinances that govern the disposal of wastes.
- The air-conditioning (A/C) system is filled with a chemical refrigerant that is hazardous. The A/C system should be serviced only by trained automotive service technicians using approved refrigerant recovery/recycling equipment, trained in related safety precautions, and familiar with regulations governing the discharging and disposal of automotive chemical refrigerants.

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## Cautions & Warnings

- When boost-charging the battery, first remove the fuses for the Engine Control Module (ECM), the Transmission Control Module (TCM), the ABS control module, and the trip computer. In cases where one or more of these components is not separately fused, disconnect the control module connector(s).
- Some of the vehicles covered by this manual are equipped with a supplemental restraint system (SRS), that automatically deploys an airbag in the event of a frontal impact. The airbag is operated by an explosive device. Handled improperly or without adequate safeguards, it can be accidentally activated and cause serious personal injury. To guard against personal injury or airbag system failure, only trained Audi Service technicians should test, disassemble or service the airbag system.
- Do not quick-charge the battery (for boost starting) for longer than one minute, and do not exceed 16.5 volts at the battery with the boosting cables attached. Wait at least one minute before boosting the battery a second time.
- Never use a test light to conduct electrical tests of the airbag system. The system must only be tested by trained Audi Service technicians using the VAG 1551 Scan Tool (ST) or an approved equivalent. The airbag unit must never be electrically tested while it is not installed in the vehicle.
- Some aerosol tire inflators are highly flammable. Be extremely cautious when repairing a tire that may have been inflated using an aerosol tire inflator. Keep sparks, open flame or other sources of ignition away from the tire repair area. Inflate and deflate the tire at least four times before breaking the bead from the rim. Completely remove the tire from the rim before attempting any repair.
- When driving or riding in an airbag-equipped vehicle, never hold test equipment in your hands or lap while the vehicle is in motion. Objects between you and the airbag can increase the risk of injury in an accident.

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**I have read and understand these Cautions and Warnings.**

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