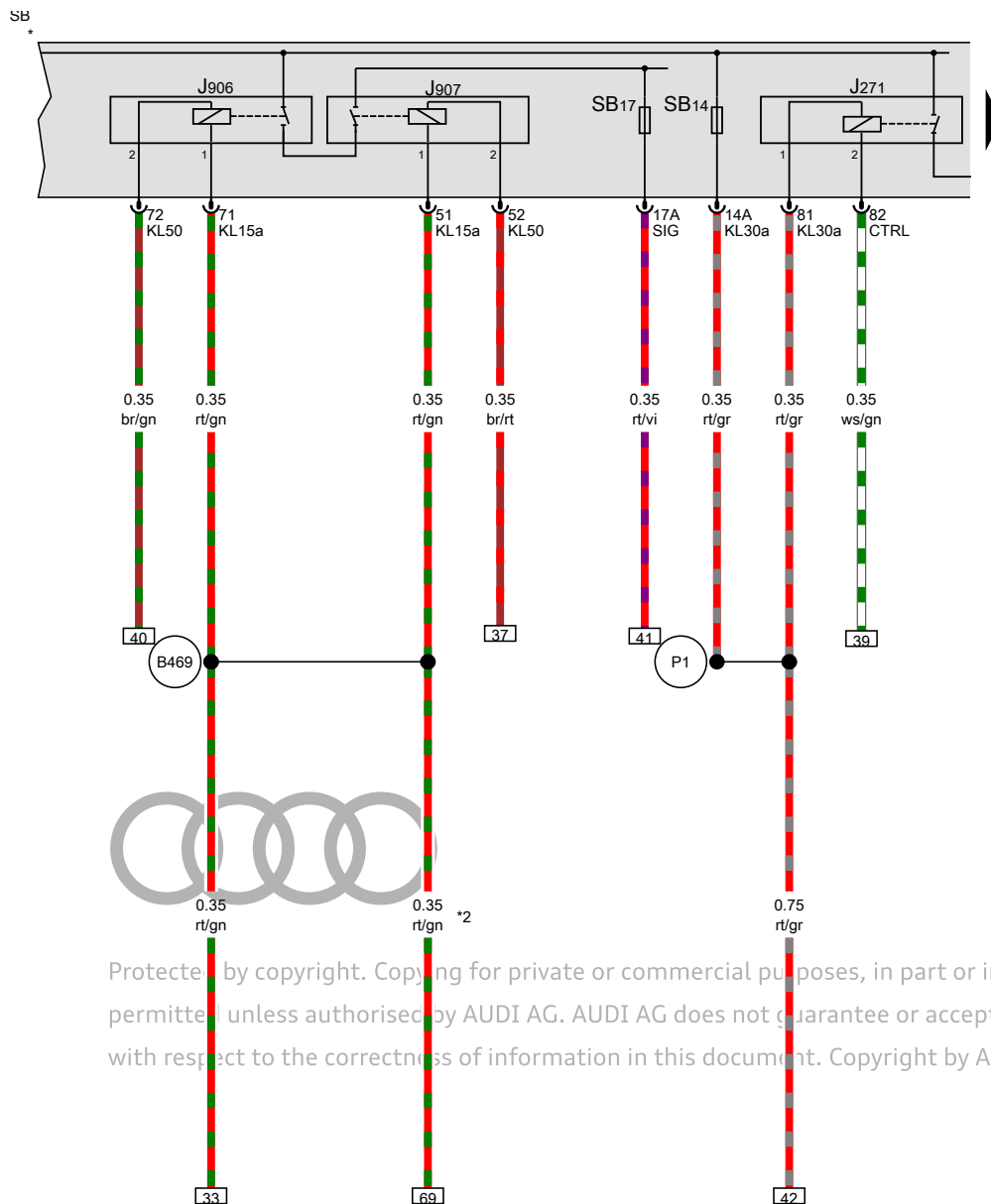


1.0l petrol engine , DKJA,DKLA,DKRF

From July 2018



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Main relay, Starter relay 1, Starter relay 2, Fuse holder B

- J271 Main relay
- J906 Starter relay 1
- J907 Starter relay 2
- SB Fuse holder B
- SB14 Fuse 14 on fuse holder B
- SB17 Fuse 17 on fuse holder B

B469 Connection 5, in main wiring harness

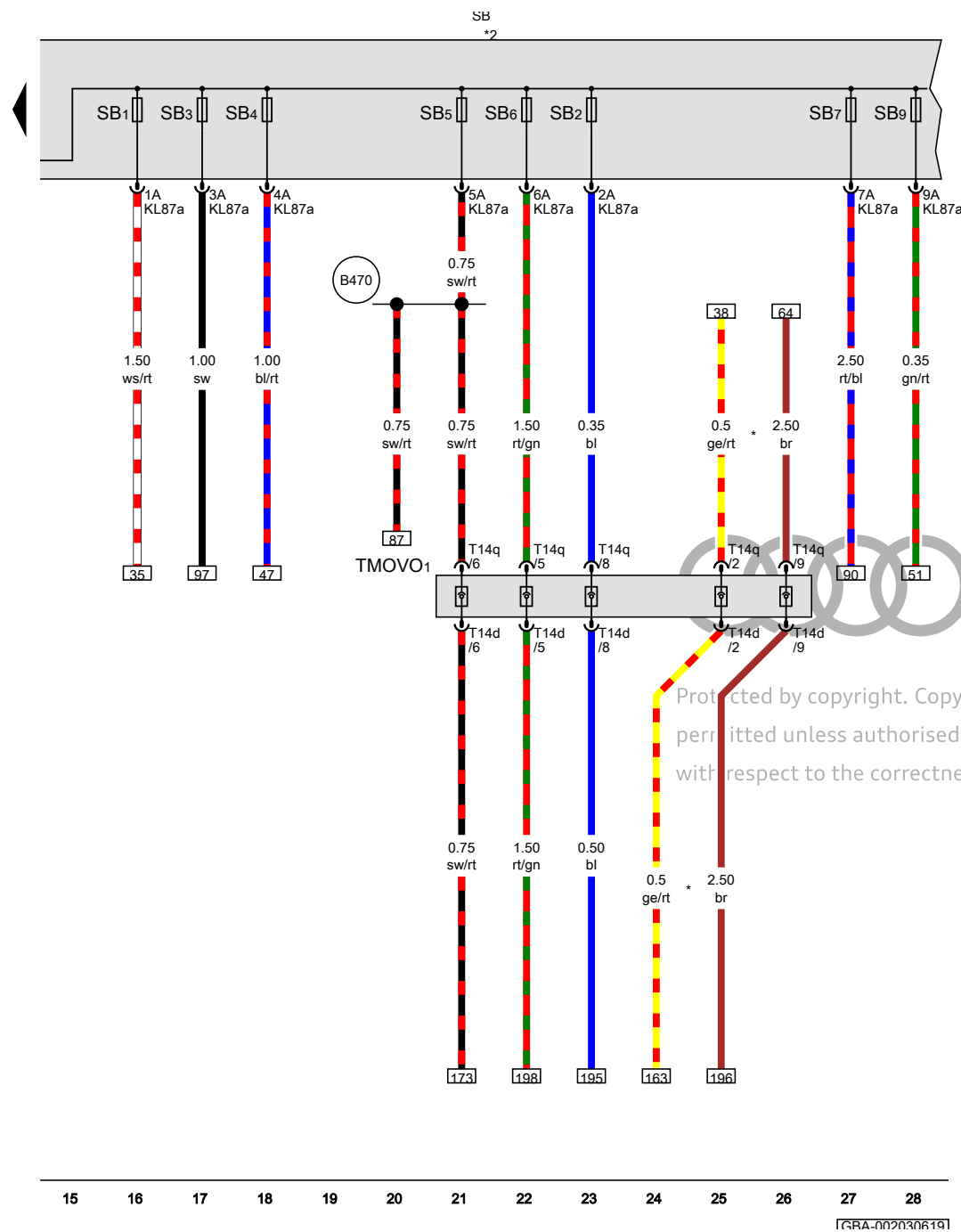
P1 Positive connection (30), in battery fuse holder

* see applicable current flow diagram for fuses in engine compartment

*2 For models with manual gearbox

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Fuse holder B

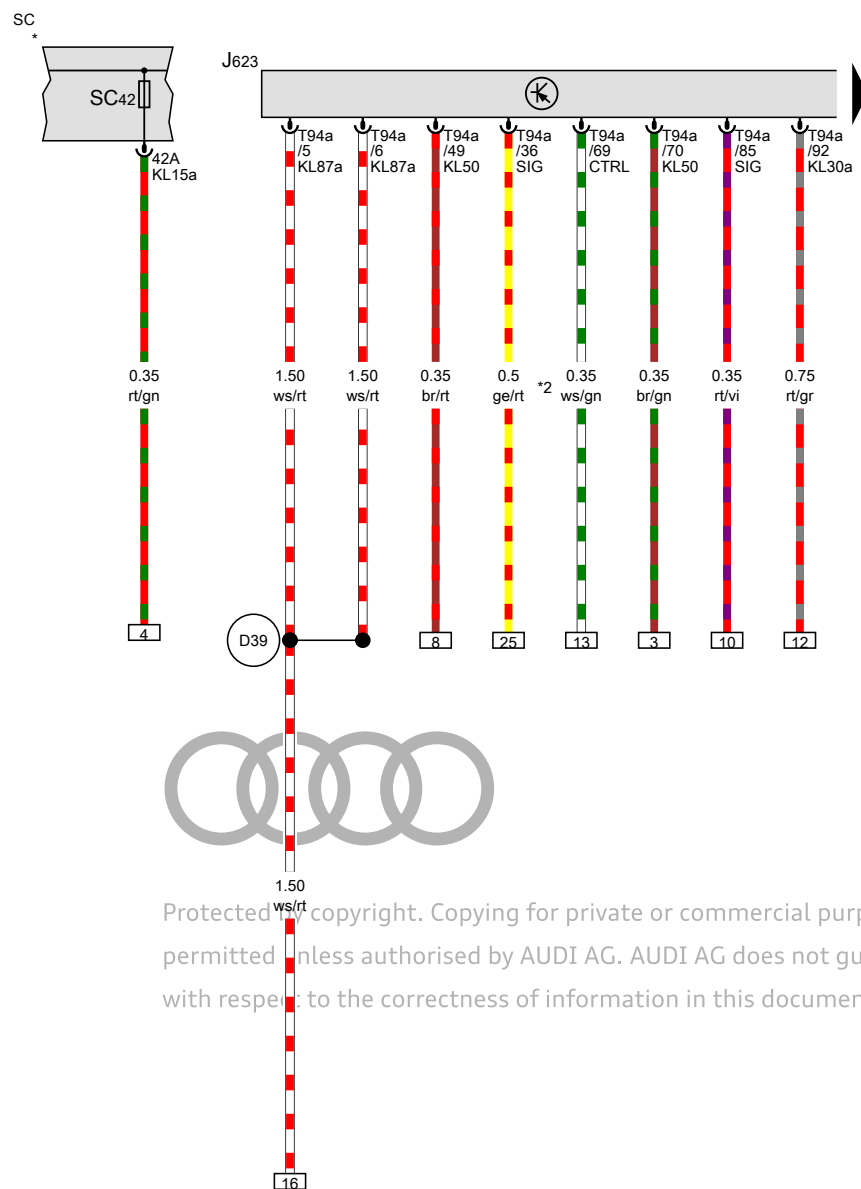
- SB Fuse holder B
- SB1 Fuse 1 on fuse holder B
- SB2 Fuse 2 on fuse holder B
- SB3 Fuse 3 on fuse holder B
- SB4 Fuse 4 on fuse holder B
- SB5 Fuse 5 on fuse holder B
- SB6 Fuse 6 on fuse holder B
- SB7 Fuse 7 on fuse holder B
- SB9 Fuse 9 on fuse holder B
- T14d 14-pin connector, grey
- T14q 14-pin connector, grey
- TMOVO1 Coupling point 1 for engine prewiring harness

B470 Connection 6, in main wiring harness

- * For emission standard Euro 6 DG
- *2 see applicable current flow diagram for fuses in engine compartment

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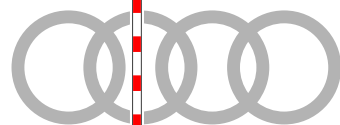


Engine/motor control unit, Fuse holder C

J623 Engine/motor control unit
SC Fuse holder C
SC42 Fuse 42 on fuse holder C
T94a 94-pin connector, black

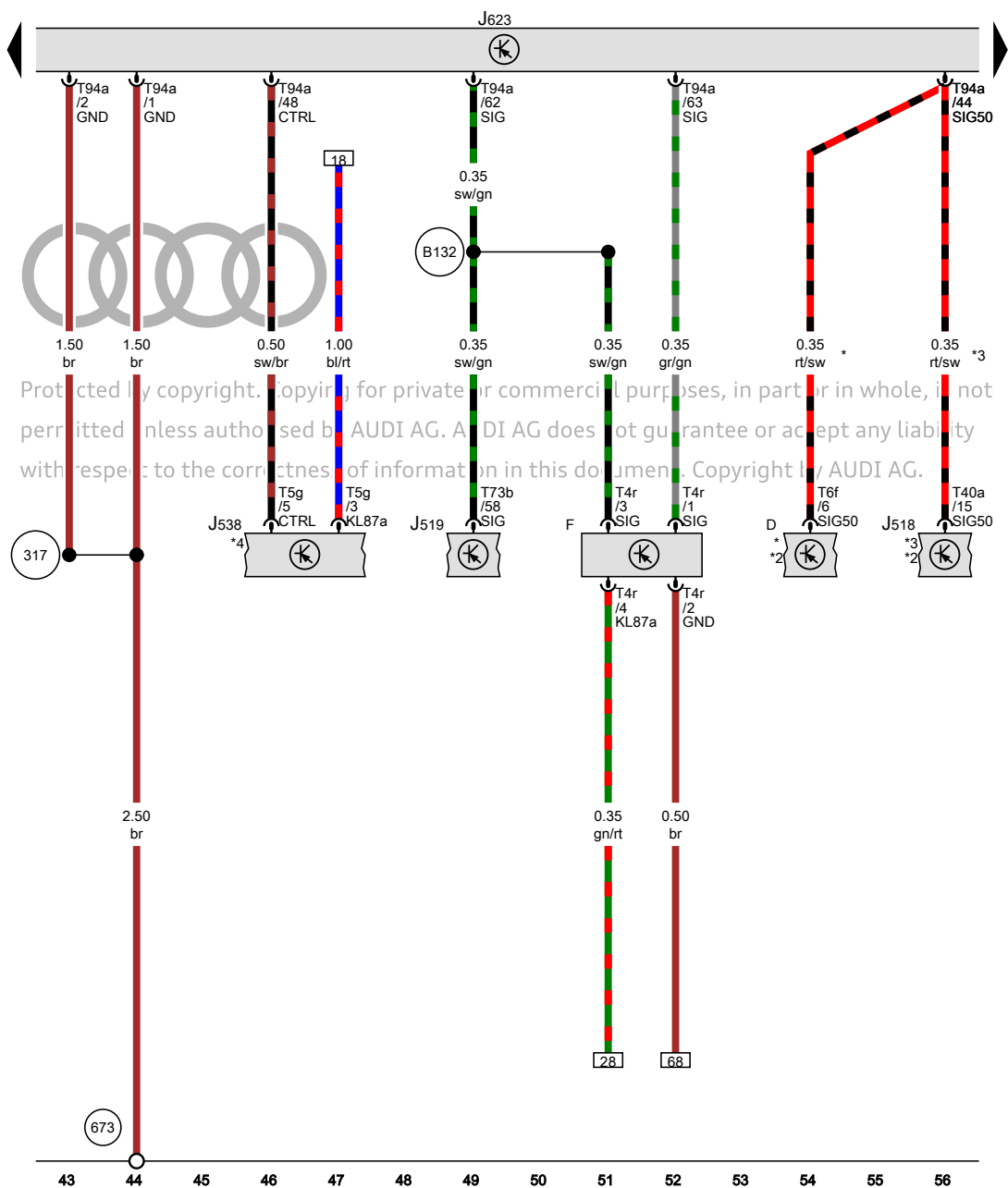
D39 Connection 1, in engine prewiring harness

* see applicable current flow diagram for fuses in interior
*2 For emission standard Euro 6 DG



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Ignition/starter switch, Brake light switch, Entry and start authorisation control unit, Onboard supply control unit, Fuel pump control unit, Engine/motor control unit

- D Ignition/starter switch
- F Brake light switch
- J518 Entry and start authorisation control unit
- J519 Onboard supply control unit
- J538 Fuel pump control unit
- J623 Engine/motor control unit
- T4r 4-pin connector, black
- T5g 5-pin connector, black
- T6f 6-pin connector, black
- T40a 40-pin connector, black
- T73b 73-pin connector, black
- T94a 94-pin connector, black

317 Earth connection 7, in engine compartment wiring harness

673 Earth point 3, on front of left longitudinal member

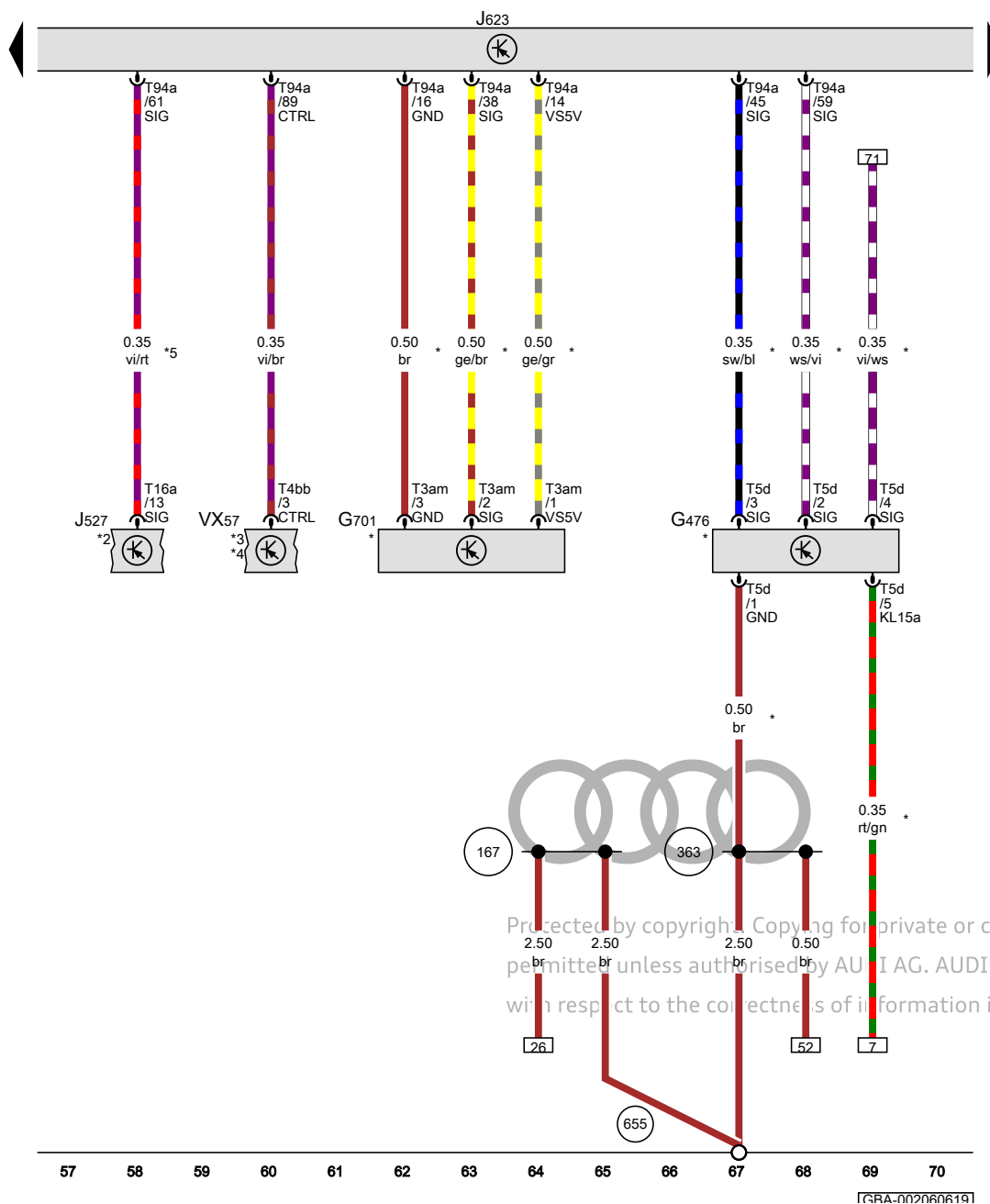
B132 Connection (number plate lights), in interior wiring harness

* For models with no start/stop system
see applicable current flow diagram

*2 For models with start/stop system

*3 see applicable current flow diagram for fuel system

*4 see applicable current flow diagram for fuel system

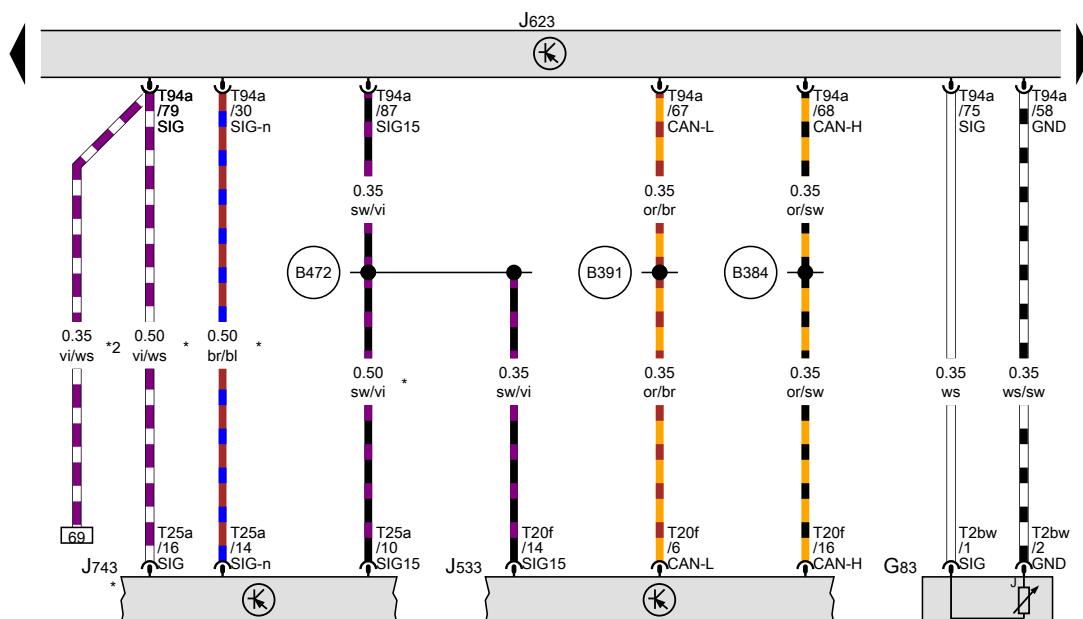


Clutch position sender, Gearbox neutral position sender, Steering column electronics control unit, Engine/motor control unit, Radiator fan

- G476 Clutch position sender
- G701 Gearbox neutral position sender
- J527 Steering column electronics control unit
- J623 Engine/motor control unit
- T3am 3-pin connector, black
- T4bb 4-pin connector, black
- T5d 5-pin connector, black
- T16a 16-pin connector, black
- T94a 94-pin connector, black
- VX57 Radiator fan

- 167 Earth connection 4, in engine compartment wiring harness
- 363 Earth connection 8, in engine compartment wiring harness
- 655 Earth point, on left headlight
- * For models with manual gearbox
- *2 see applicable current flow diagram for steering column electronics
- *3 Pre-wired component
- *4 see applicable current flow diagram for radiator fan
- *5 For models with cruise control system (CCS)

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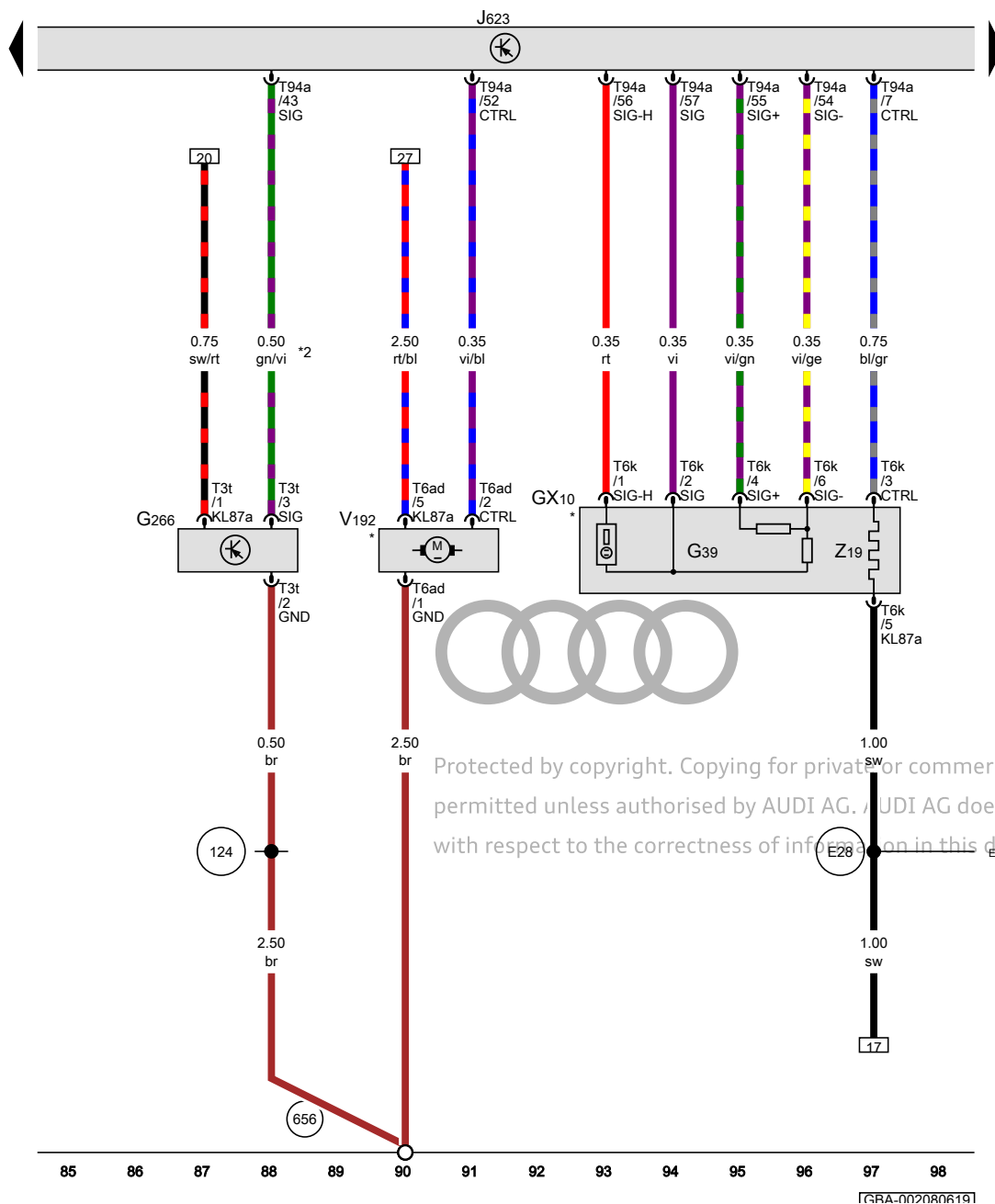
Radiator outlet coolant temperature sender, Data bus diagnostic interface, Engine/motor control unit, Mechatronic unit for dual clutch gearbox

- G83 Radiator outlet coolant temperature sender
- J533 Data bus diagnostic interface
- J623 Engine/motor control unit
- J743 Mechatronic unit for dual clutch gearbox
- T2bw 2-pin connector, black
- T20f 20-pin connector, red
- T25a 25-pin connector, black
- T94a 94-pin connector, black
- B384 Connection 2 (powertrain CAN bus, high), in main wiring harness
- B391 Connection 2 (powertrain CAN bus, low), in main wiring harness
- B472 Connection 8, in main wiring harness
- * For models with dual clutch gearbox (DSG)
- *2 For models with manual gearbox



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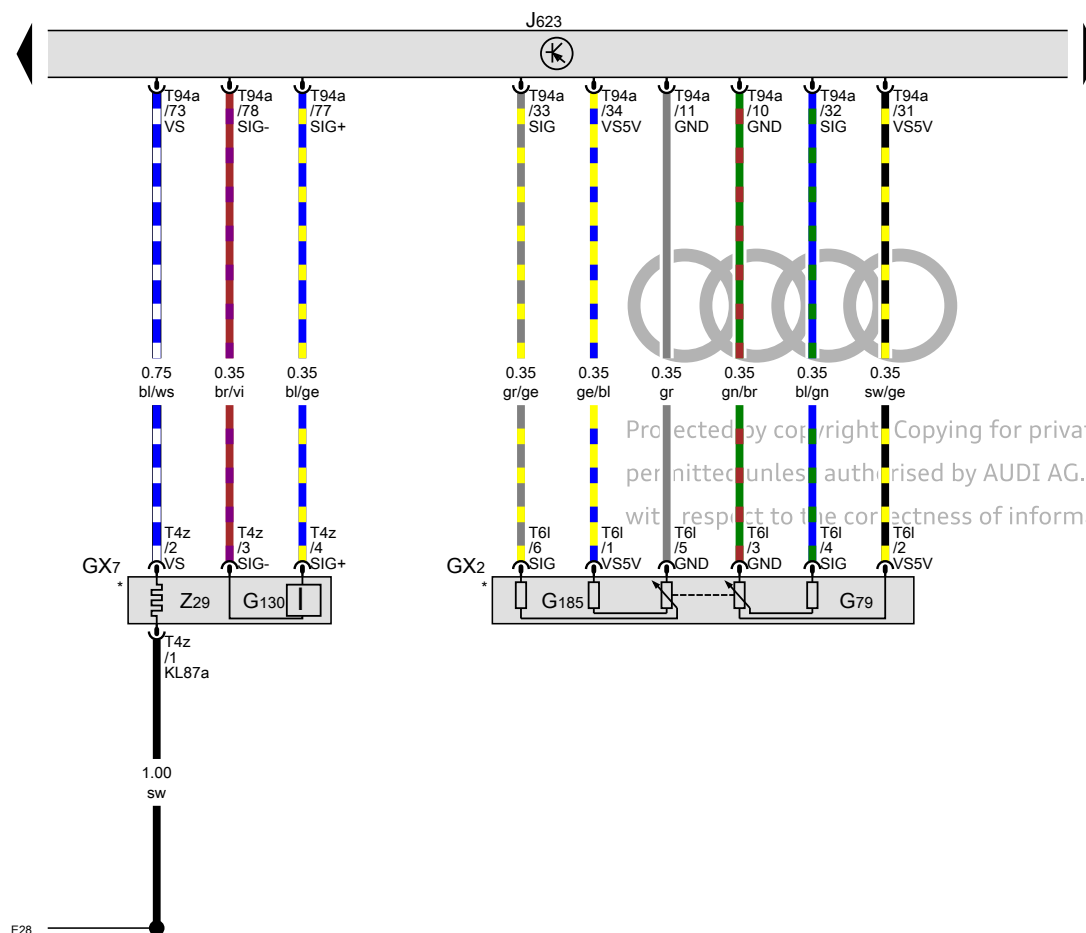


Lambda probe 1 before catalytic converter, Oil level and oil temperature sender, Engine/motor control unit, Vacuum pump for brakes

- GX10 Lambda probe 1 before catalytic converter
- G39 Lambda probe
- G266 Oil level and oil temperature sender
- J623 Engine/motor control unit
- T3t 3-pin connector, black
- T6ad 6-pin connector, black
- T6k 6-pin connector, black
- T94a 94-pin connector, black
- V192 Vacuum pump for brakes
- Z19 Lambda probe heater

- 124 Earth connection, in right side engine compartment wiring harness
- 656 Earth point, on right headlight
- E28 Connection (Lambda probe heating), in Motronic wiring harness
- * Pre-wired component
- *2 For left-hand drive models

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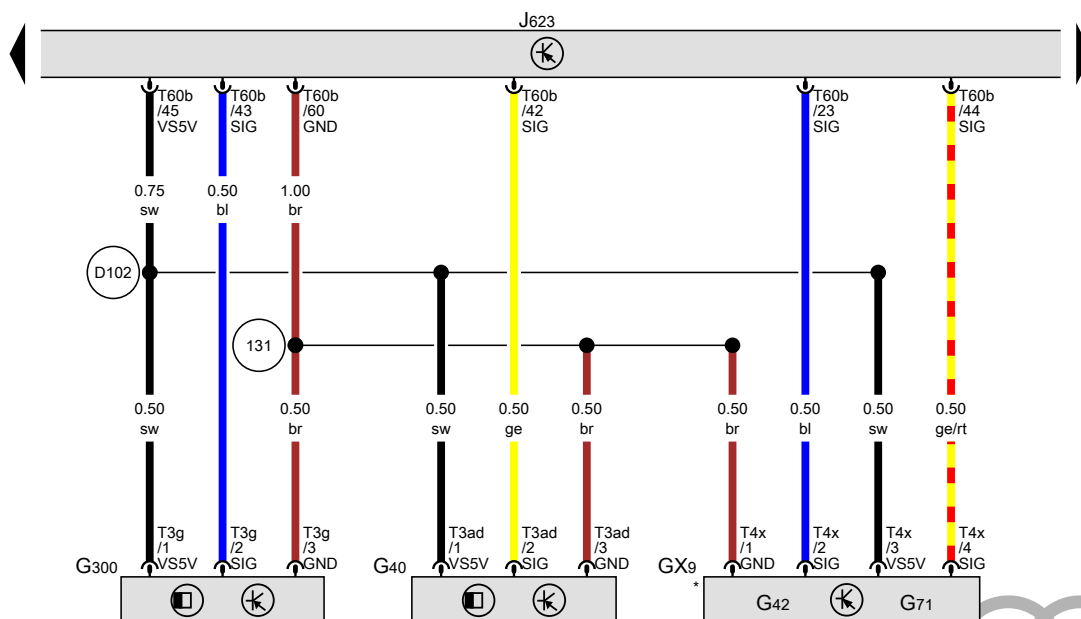
Accelerator pedal module, Lambda probe 1 after catalytic converter, Engine/motor control unit

- GX2 Accelerator pedal module
- GX7 Lambda probe 1 after catalytic converter
- G79 Accelerator position sender
- G130 Lambda probe after catalytic converter
- G185 Accelerator position sender 2
- J623 Engine/motor control unit
- T4z 4-pin connector, black
- T6l 6-pin connector, black
- T94a 94-pin connector, black
- Z29 Lambda probe 1 heater after catalytic converter
- E28 Connection (Lambda probe heating), in Motronic wiring harness

* Pre-wired component

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Intake manifold sender, Hall sender, Hall sender 3, Engine/motor control unit

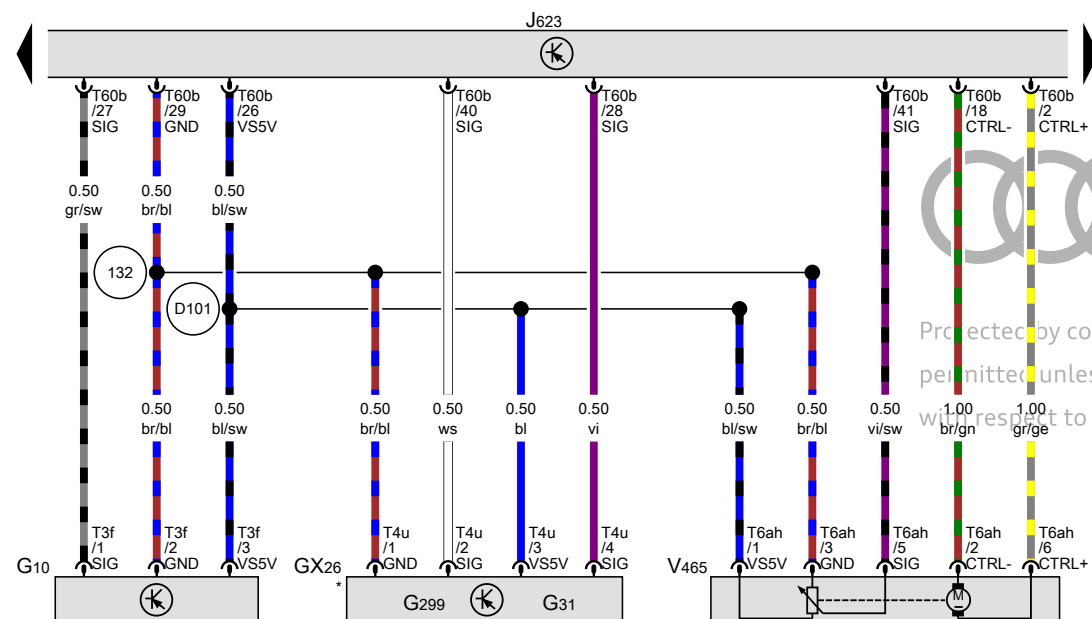
- GX9 Intake manifold sender
- G40 Hall sender
- G42 Intake air temperature sender
- G71 Intake manifold pressure sender
- G300 Hall sender 3
- J623 Engine/motor control unit
- T3ad 3-pin connector, black
- T3g 3-pin connector, black
- T4x 4-pin connector, black
- T60b 60-pin connector, black

- 131 Earth connection 2, in engine compartment wiring harness
- D102 Connection 2 in engine compartment wiring harness
- * Pre-wired component



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Oil pressure sender, Charge pressure sender, Engine/ motor control unit, Charge pressure positioner

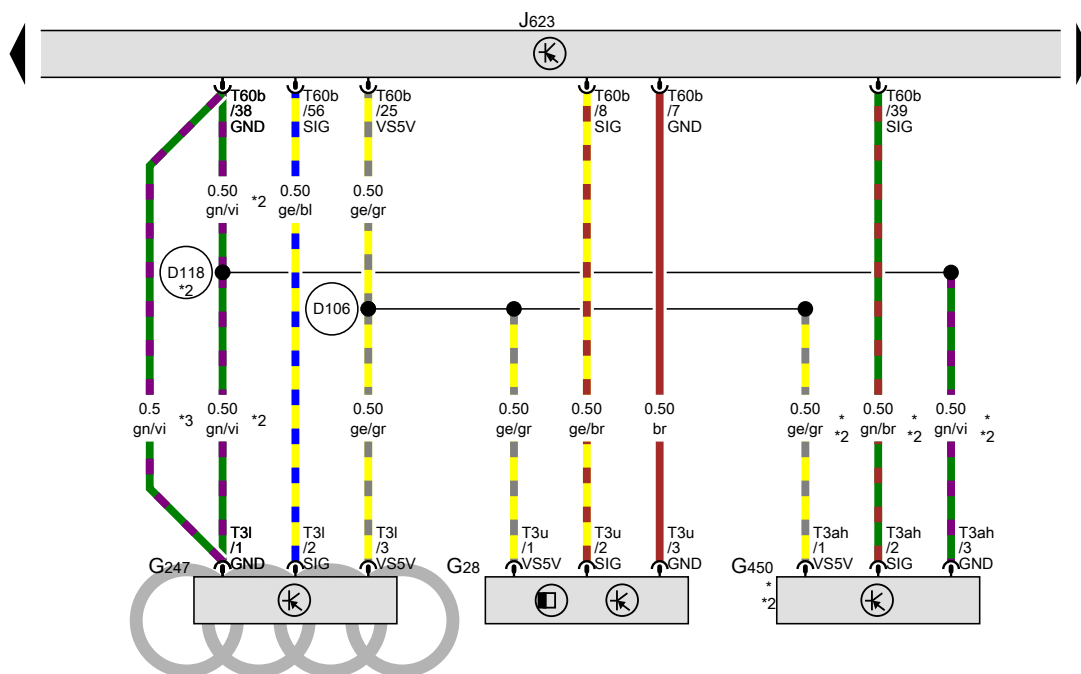
- G10 Oil pressure sender
- GX26 Charge pressure sender
- G31 Charge pressure sender
- G299 Intake air temperature sender 2
- J623 Engine/motor control unit
- T3f 3-pin connector, black
- T4u 4-pin connector, black
- T6ah 6-pin connector, grey
- T60b 60-pin connector, black
- V465 Charge pressure positioner

- 132 Earth connection 3, in engine compartment wiring harness
- D101 Connection 1 in engine compartment wiring harness
- * Pre-wired component

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

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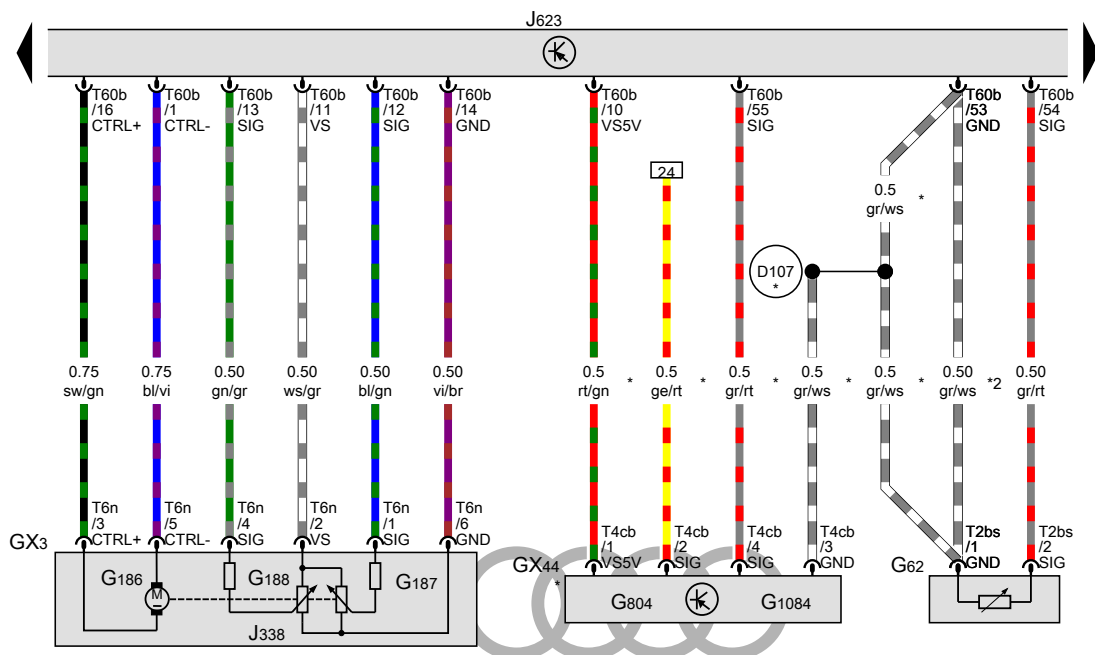


Engine speed sender, Fuel pressure sender, Exhaust gas pressure sensor 1, Engine/motor control unit

- G28 Engine speed sender
- G247 Fuel pressure sender
- G450 Exhaust gas pressure sensor 1
- J623 Engine/motor control unit
- T3ah 3-pin connector, black
- T3I 3-pin connector, black
- T3u 3-pin connector, black
- T60b 60-pin connector, black
- D106 Connection 4 in engine compartment wiring harness
- D118 Connection 16 in engine compartment wiring harness
- * Not for emission standard Euro 6 DG
- *2 Not for models with Euro 6 plus emission standard
- *3 For models with Euro 6 plus emission standard

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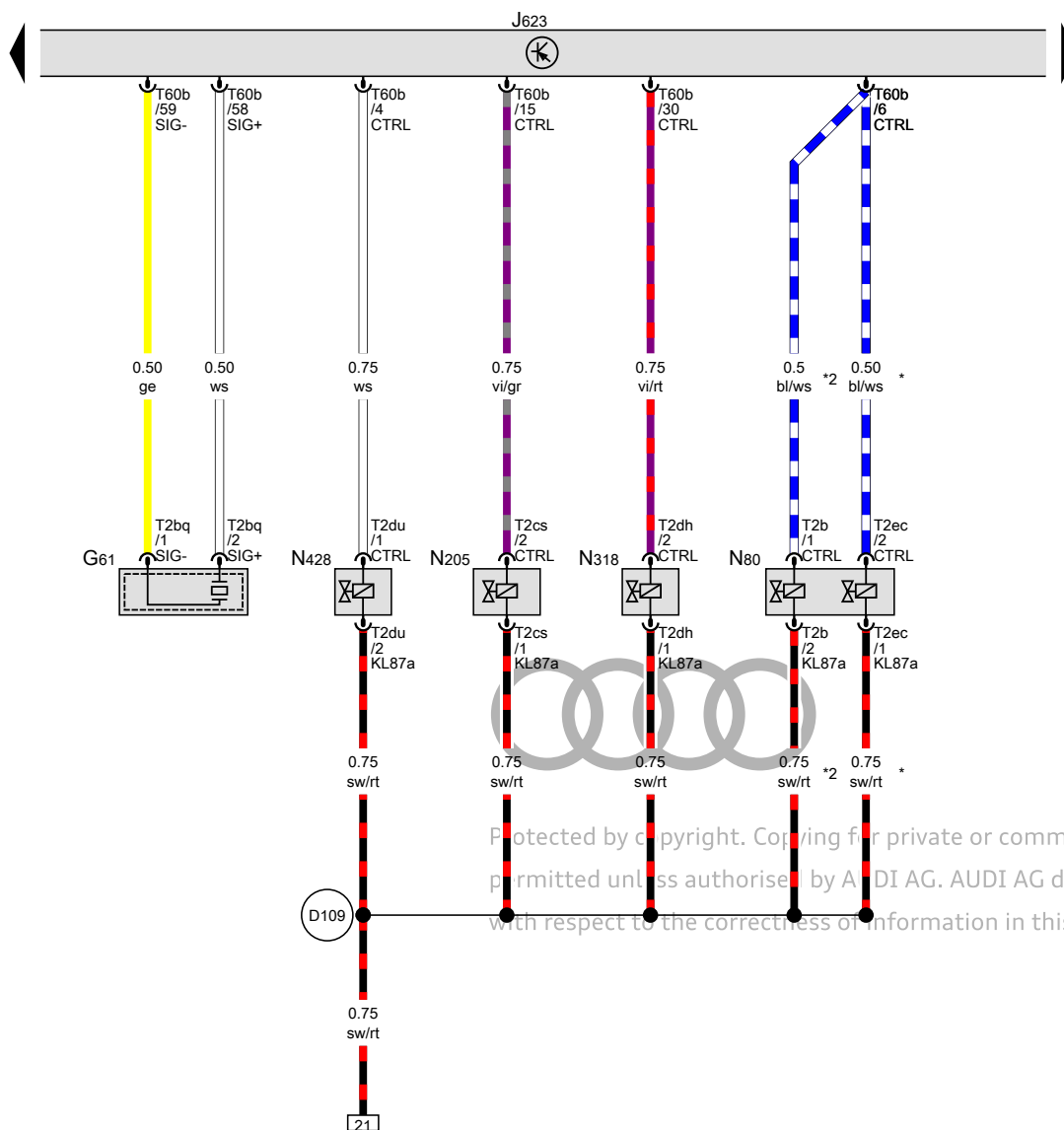


Throttle valve module, Pressure sensor for activated charcoal filter air flushing, Coolant temperature sender, Engine/motor control unit

- GX3 Throttle valve module
- GX44 Pressure sensor for activated charcoal filter air flushing
- G62 Coolant temperature sender
- G186 Throttle valve drive for electric throttle
- G187 Throttle valve drive angle sender 1 for electric throttle
- G188 Throttle valve drive angle sender 2 for electric throttle
- G804 Pressure sensor for activated charcoal filter system
- G1084 Temperature sensor for activated charcoal filter air flushing
- J338 Throttle valve module
- J623 Engine/motor control unit
- T2bs 2-pin connector, black
- T4cb 4-pin connector, black
- T6n 6-pin connector, black
- T60b 60-pin connector, black
- D107 Connection 5 in engine compartment wiring harness
- * For emission standard Euro 6 DG
- *2 Not for emission standard Euro 6 DG

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Knock sensor 1, Engine/motor control unit, Activated charcoal filter solenoid valve 1, Camshaft control valve 1, Exhaust camshaft control valve 1, Valve for oil pressure control

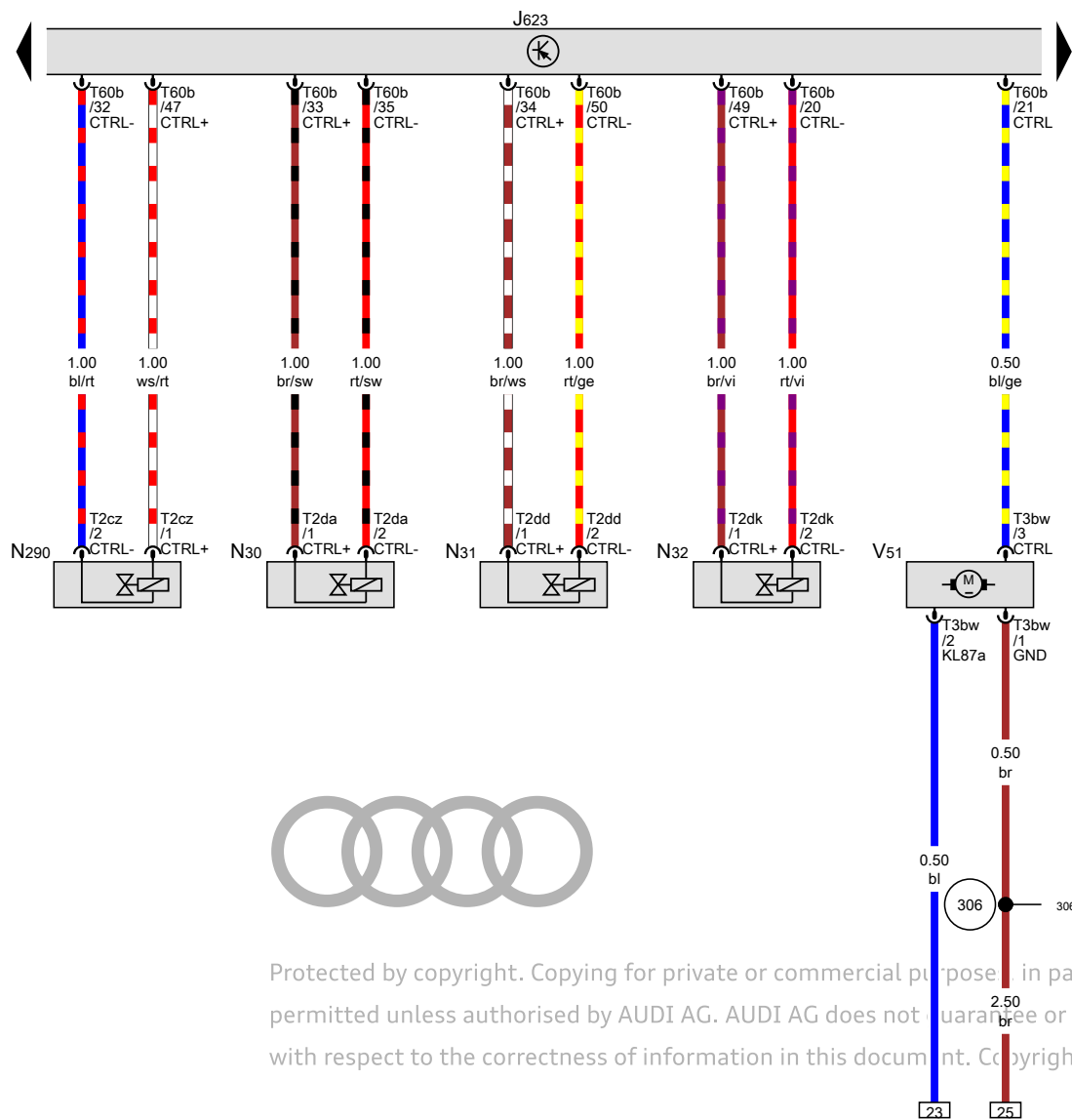
G61	Knock sensor 1
J623	Engine/motor control unit
N80	Activated charcoal filter solenoid valve 1
N205	Camshaft control valve 1
N318	Exhaust camshaft control valve 1
N428	Valve for oil pressure control
T2b	2-pin connector, black
T2bq	2-pin connector, black
T2cs	2-pin connector, black
T2dh	2-pin connector, black
T2du	2-pin connector, black
T2ec	2-pin connector, black
T60b	60-pin connector, black

(D109) Connection 7 in engine compartment wiring harness

* Not for emission standard Euro 6 DG
*2 For emission standard Euro 6 DG

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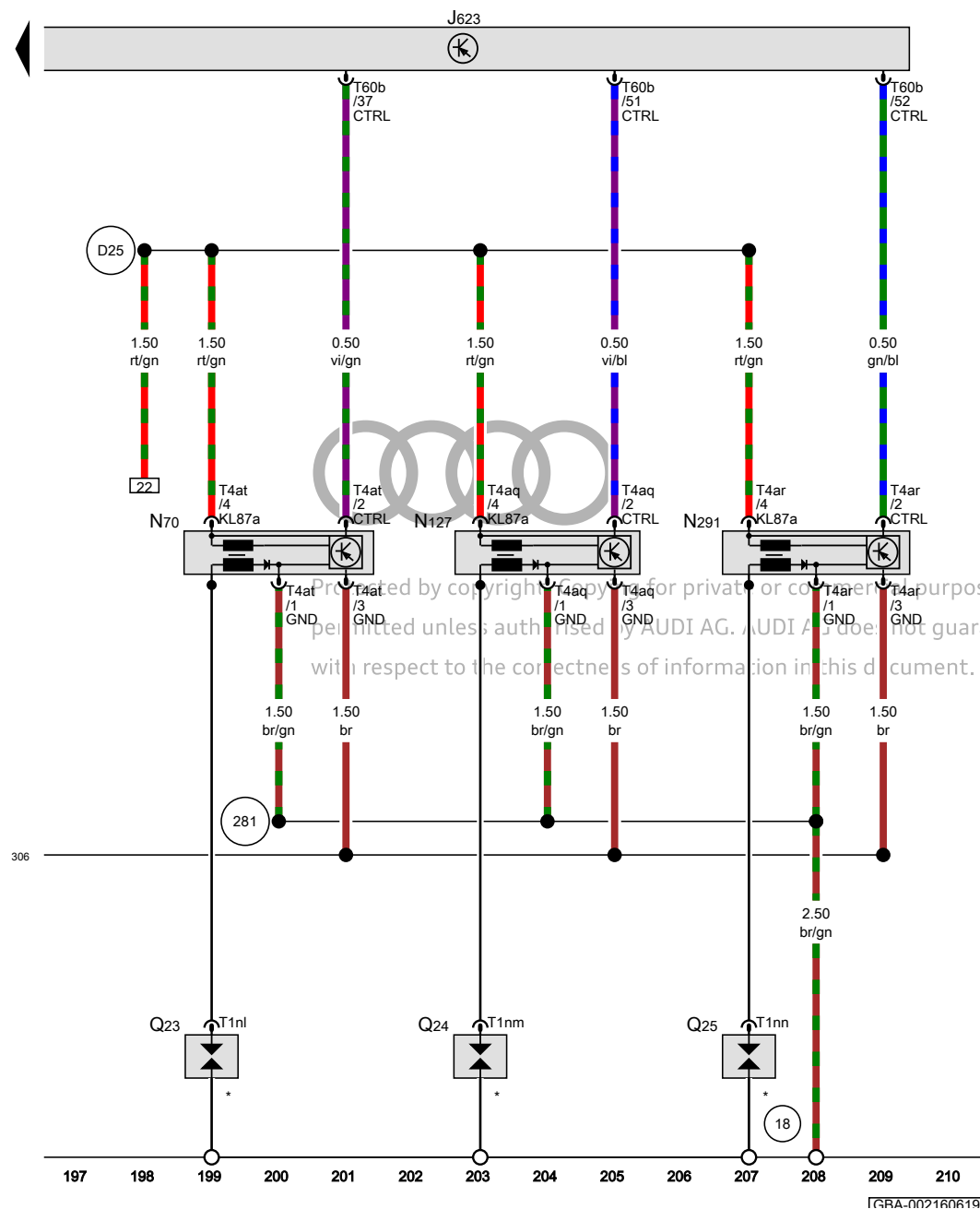
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Engine/motor control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Fuel metering valve, Continued coolant circulation pump

- J623 Engine/motor control unit
- N30 Injector, cylinder 1
- N31 Injector, cylinder 2
- N32 Injector, cylinder 3
- N290 Fuel metering valve
- T2cz 2-pin connector, black
- T2da 2-pin connector, black
- T2dd 2-pin connector, black
- T2dk 2-pin connector, black
- T3bw 3-pin connector, black
- T60b 60-pin connector, black
- V51 Continued coolant circulation pump

306 Earth connection (ignition coils), in engine prewiring harness



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

- J623 Engine/motor control unit
- N70 Ignition coil 1 with output stage
- N127 Ignition coil 2 with output stage
- N291 Ignition coil 3 with output stage
- Q23 Spark plug 1
- Q24 Spark plug 2
- Q25 Spark plug 3
- T1nl 1-pin connector, black
- T1nm 1-pin connector, black
- T1nn 1-pin connector, black
- T4aq 4-pin connector, black
- T4ar 4-pin connector, black
- T4at 4-pin connector, black
- T60b 60-pin connector, black
- 18 Earth point, on cylinder block
- 281 Earth point 1, engine prewiring harness
- 306 Earth connection (ignition coils), in engine prewiring harness
- D25 Positive connection (15), in engine prewiring harness
- * Earth supply via housing

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