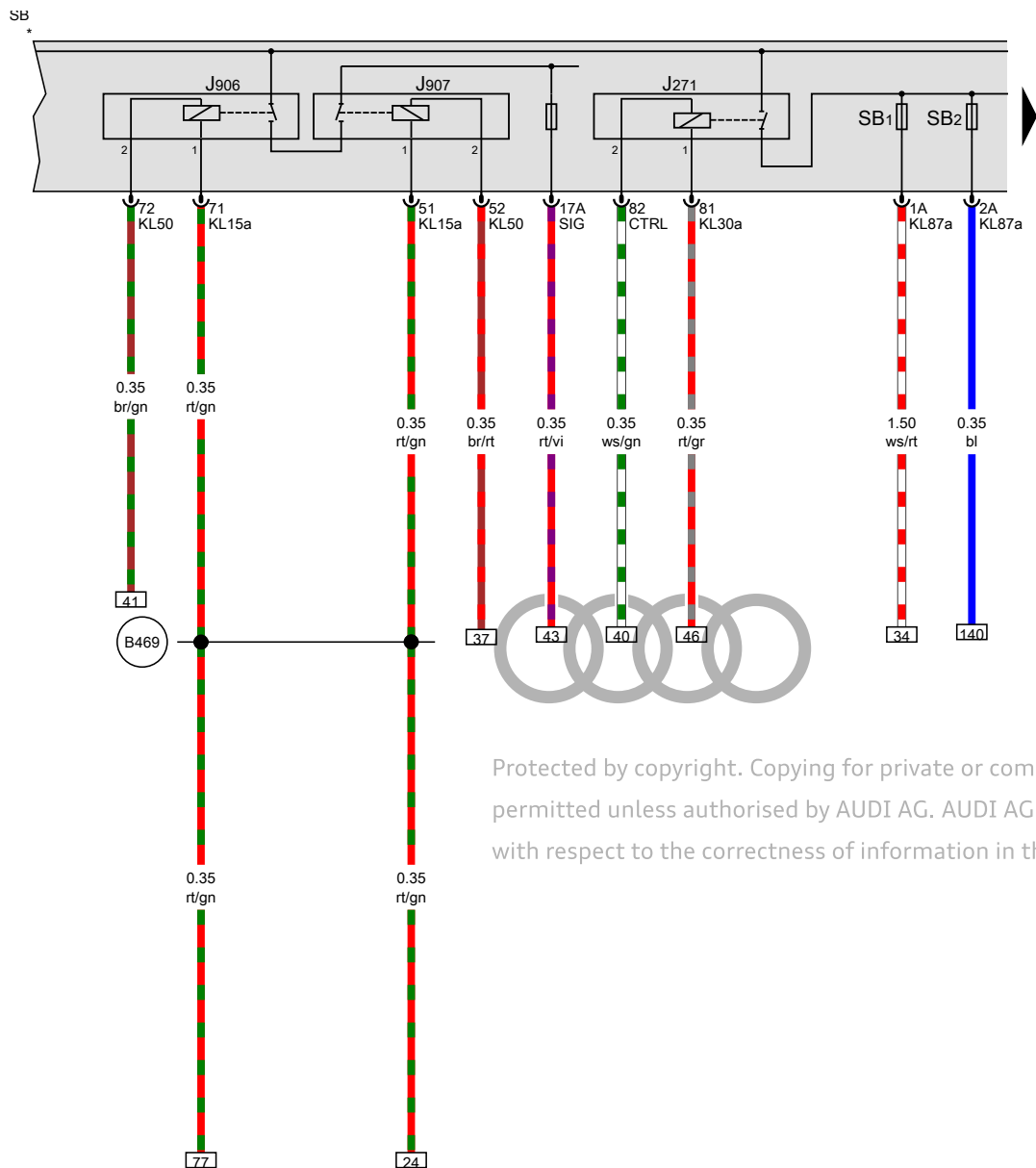


1.5l petrol engine , DADA,DPCA

From July 2018



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

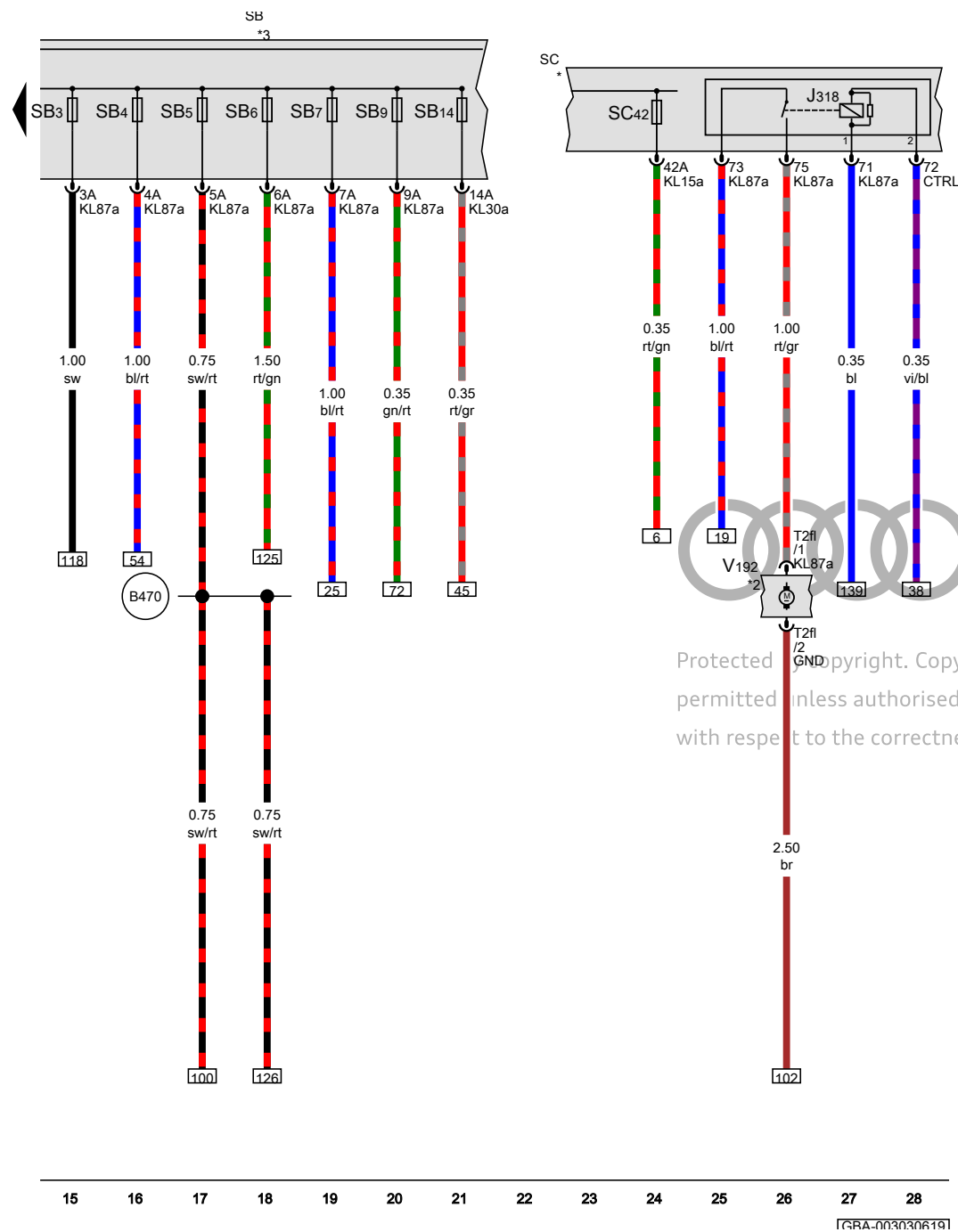
- J271 Main relay
- J906 Starter relay 1
- J907 Starter relay 2
- SB Fuse holder B
- SB1 Fuse 1 on fuse holder B
- SB2 Fuse 2 on fuse holder B

B469 Connection 5, in main wiring harness

* see applicable current flow diagram for fuses in engine compartment

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Vacuum pump relay, Fuse holder B, Fuse holder C, Vacuum pump for brakes

- J318 Vacuum pump relay
- SB 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
- SB14 Fuse 14 on fuse holder B
- SC Fuse holder C
- SC42 Fuse 42 on fuse holder C
- T2fl 2-pin connector, black
- V192 Vacuum pump for brakes

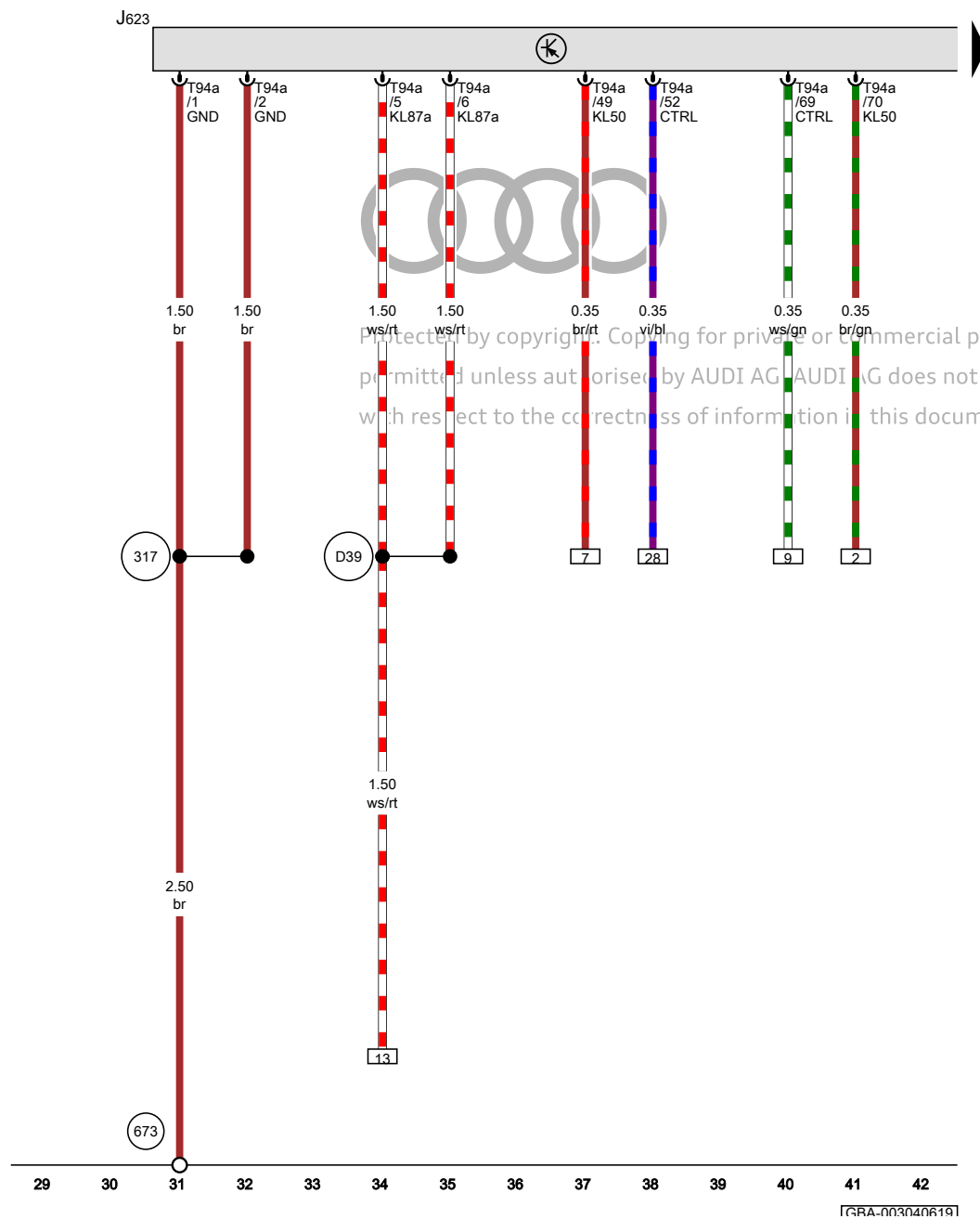
B470 Connection 6, in main wiring harness

- * see applicable current flow diagram for fuses in interior
- *2 Pre-wired component
- *3 see applicable current flow diagram for fuses in engine compartment

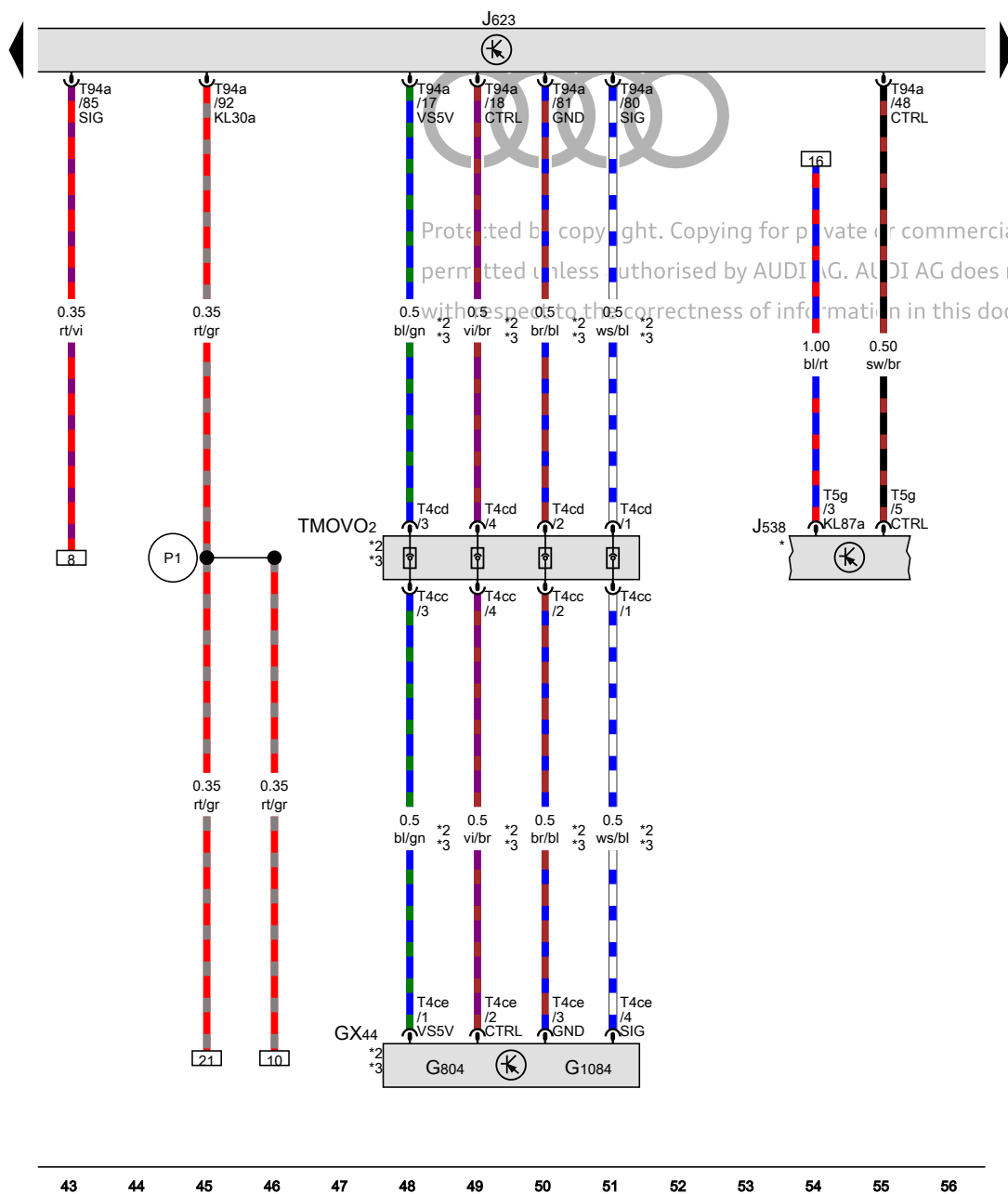
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Engine/motor control unit

- J623 Engine/motor control unit
 T94a 94-pin connector, black
 317 Earth connection 7, in engine compartment wiring harness
 673 Earth point 3, on front of left longitudinal member
 D39 Connection 1, in engine prewiring harness



16BA-0030406101



Pressure sensor for activated charcoal filter air flushing,
Fuel pump control unit, Engine/motor control unit

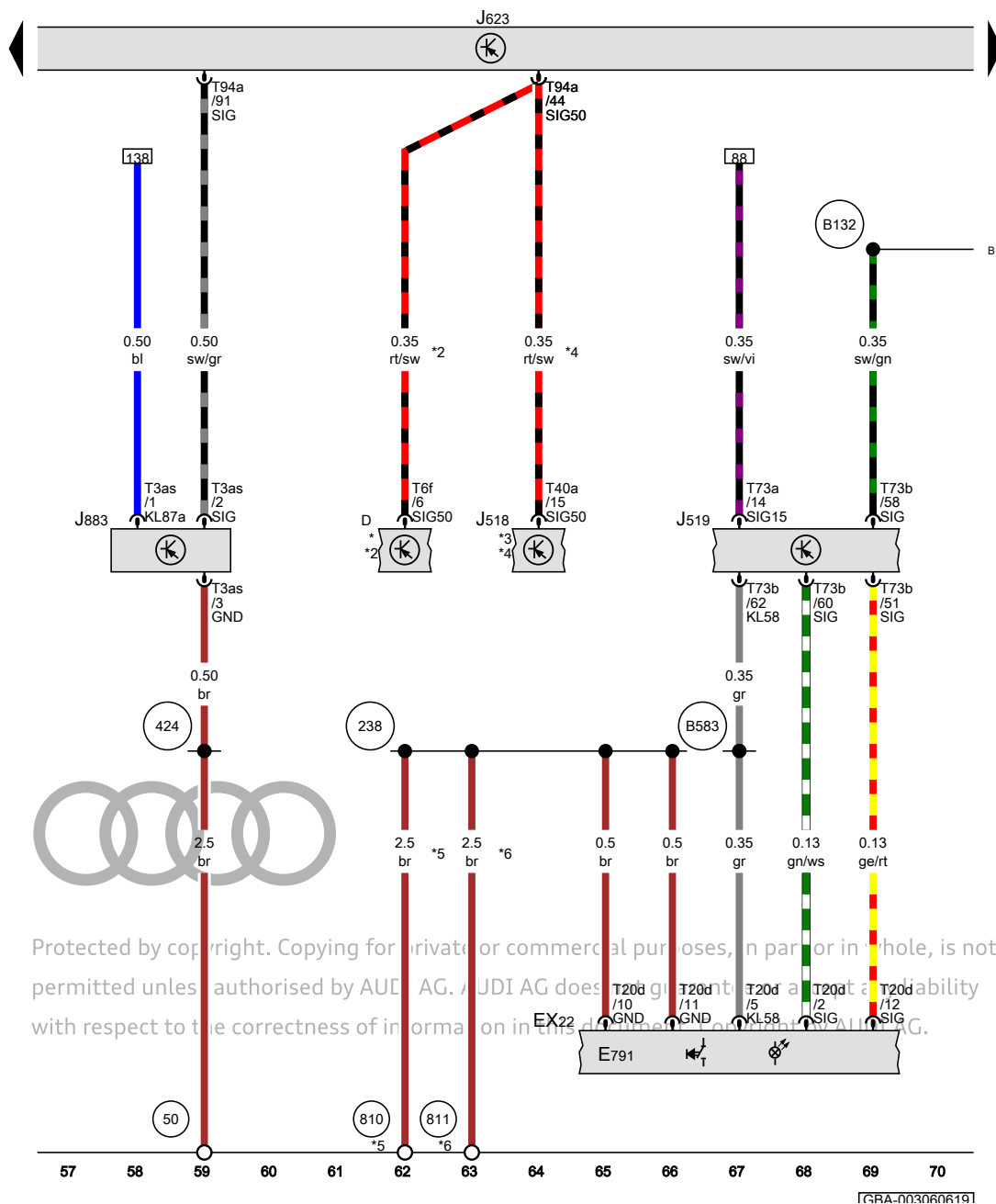
- GX44 Pressure sensor for activated charcoal filter air flushing
- G804 Pressure sensor for activated charcoal filter system
- G1084 Temperature sensor for activated charcoal filter air flushing
- J538 Fuel pump control unit
- J623 Engine/motor control unit
- T4cc 4-pin connector, black
- T4cd 4-pin connector, black
- T4ce 4-pin connector, black
- T5g 5-pin connector, black
- T94a 94-pin connector, black
- TMOVO2 Coupling point 2 for engine prewiring harness

P1 Positive connection (30), in battery fuse holder

- * see applicable current flow diagram for fuel system
- *2 For emission standard Euro 6 DG
- *3 For emission standard J18, Japan

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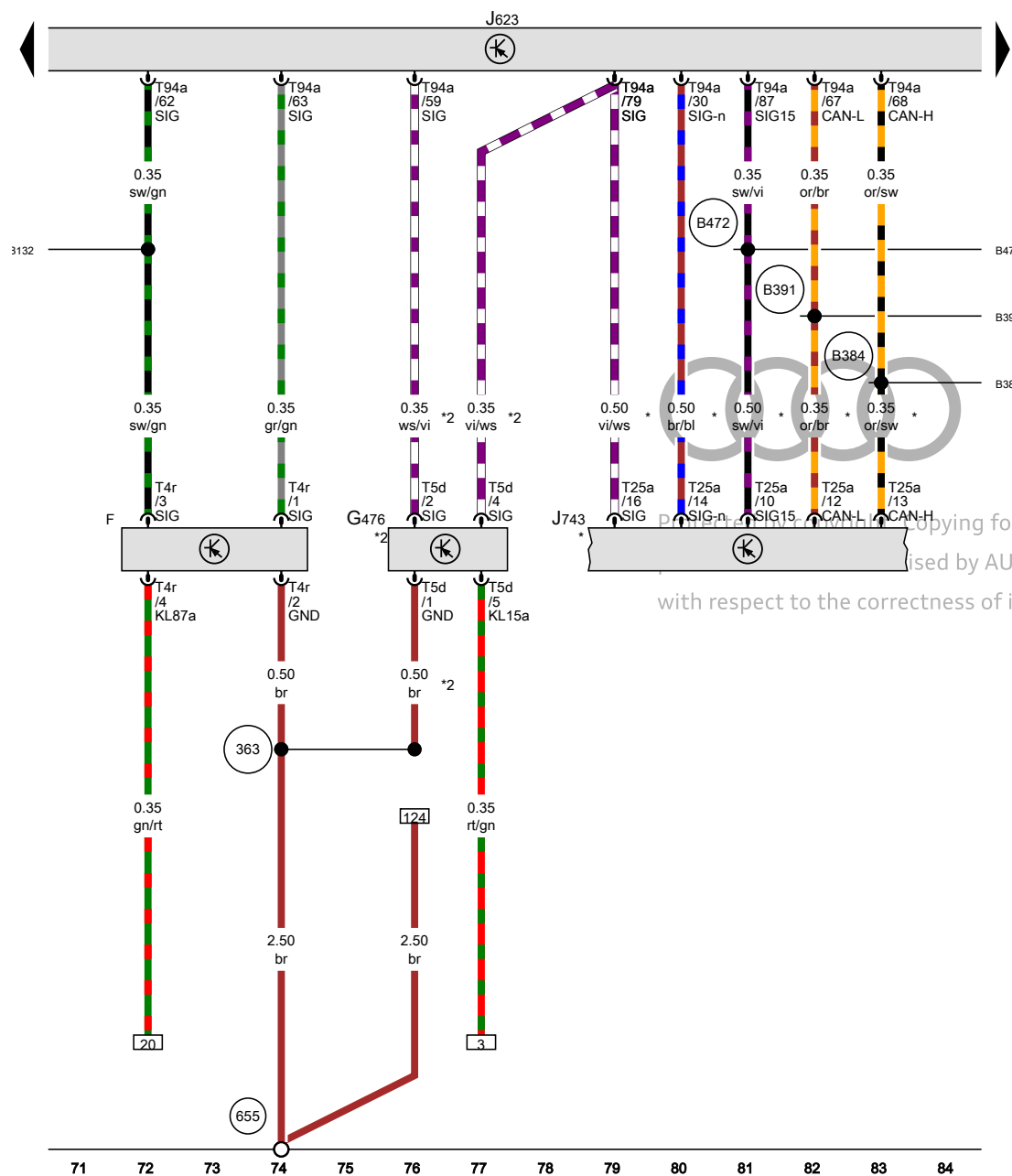
Ignition/starter switch, Centre switch module in dash panel, Operating unit 1 for driver and convenience functions, Entry and start authorisation control unit, Onboard supply control unit, Engine/motor control unit, Exhaust flap control unit

- D Ignition/starter switch
- EX22 Centre switch module in dash panel
- E791 Operating unit 1 for driver and convenience functions
- J518 Entry and start authorisation control unit
- J519 Onboard supply control unit
- J623 Engine/motor control unit
- J883 Exhaust flap control unit
- T3as 3-pin connector, black
- T6f 6-pin connector, black
- T20d 20-pin connector, black
- T40a 40-pin connector, black
- T73a 73-pin connector, black
- T73b 73-pin connector, black
- T94a 94-pin connector, black

- 50 Earth point, on left in luggage compartment
- 238 Earth connection 1, in interior wiring harness
- 424 Earth connection 2, in left rear end wiring harness
- 810 Earth point on central tube for dash panel, centre left
- 811 Earth point on central tube for dash panel, centre right
- B132 Connection (number plate lights), in interior wiring harness
- B583 Positive connection (58), in interior wiring harness

- * see applicable current flow diagram for steering column electronics
- *2 For models with no start/stop system
- *3 see applicable current flow diagram for entry and start authorisation
- *4 For models with start/stop system
- *5 For left-hand drive models
- *6 For right-hand drive models

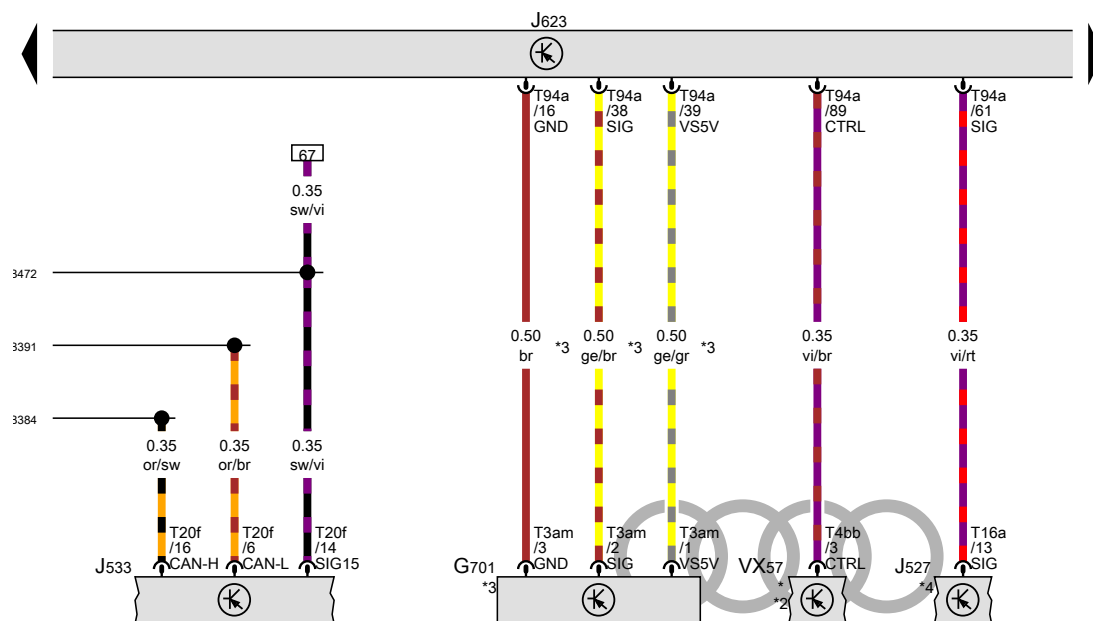
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Brake light switch, Clutch position sender, Engine/motor control unit, Mechatronic unit for dual clutch gearbox

- F Brake light switch
- G476 Clutch position sender
- J623 Engine/motor control unit
- J743 Mechatronic unit for dual clutch gearbox
- T4r 4-pin connector, black
- T5d 5-pin connector, black
- T25a 25-pin connector, black
- T94a 94-pin connector, black
- 363 Earth connection 8, in engine compartment wiring harness
- 655 Earth point, on left headlight
- B132 Connection (number plate lights), in interior wiring harness
- 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
- *2 For models with manual gearbox

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Gearbox neutral position sender, Steering column electronics control unit, Data bus diagnostic interface, Engine/motor control unit, Radiator fan

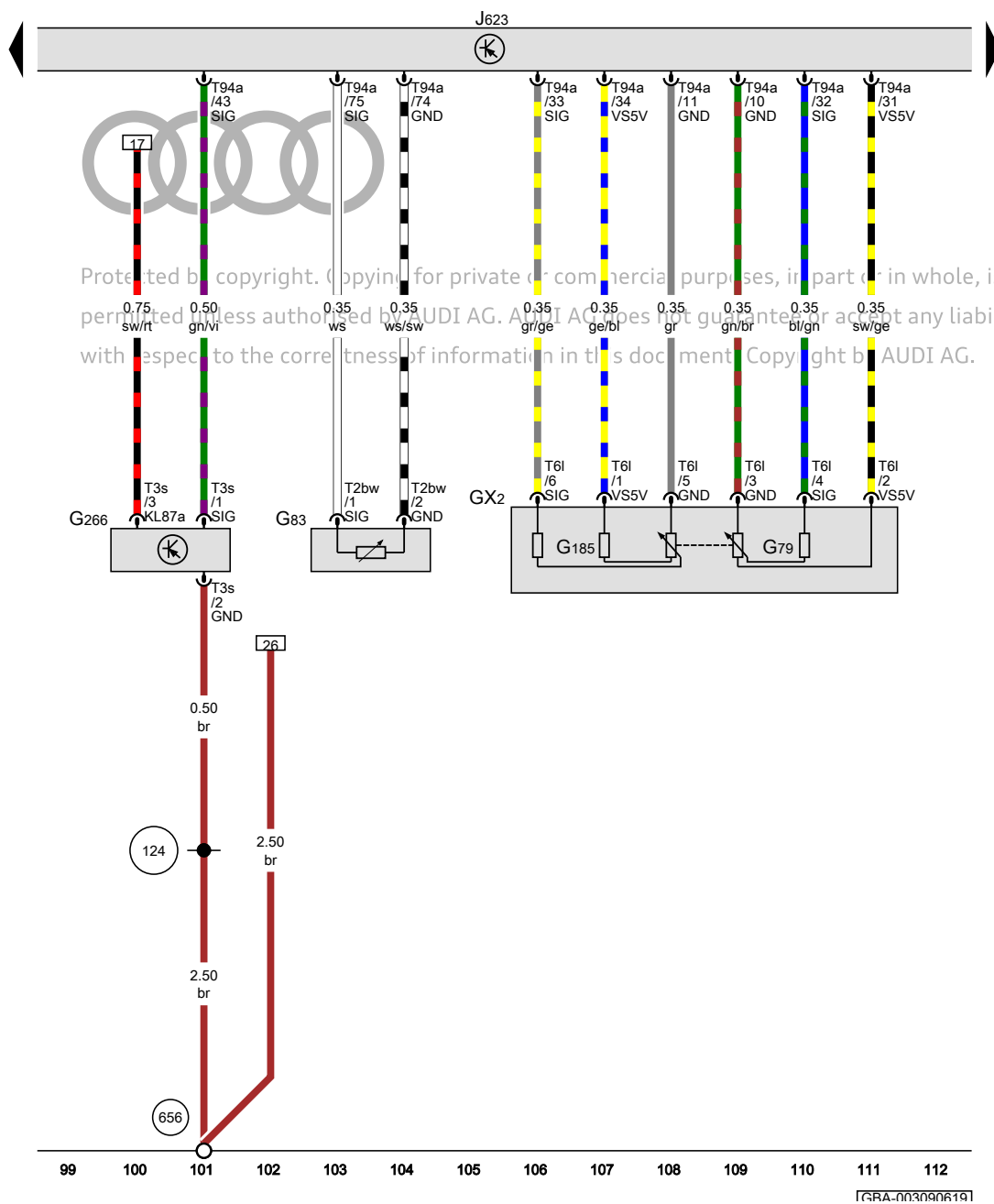
- G701 Gearbox neutral position sender
- J527 Steering column electronics control unit
- J533 Data bus diagnostic interface
- J623 Engine/motor control unit
- T3am 3-pin connector, black
- T4bb 4-pin connector, black
- T16a 16-pin connector, black
- T20f 20-pin connector, red
- T94a 94-pin connector, black
- VX57 Radiator fan

- 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

- * Pre-wired component
- *2 see applicable current flow diagram for radiator fan
- *3 For models with manual gearbox
- *4 see applicable current flow diagram for steering column electronics

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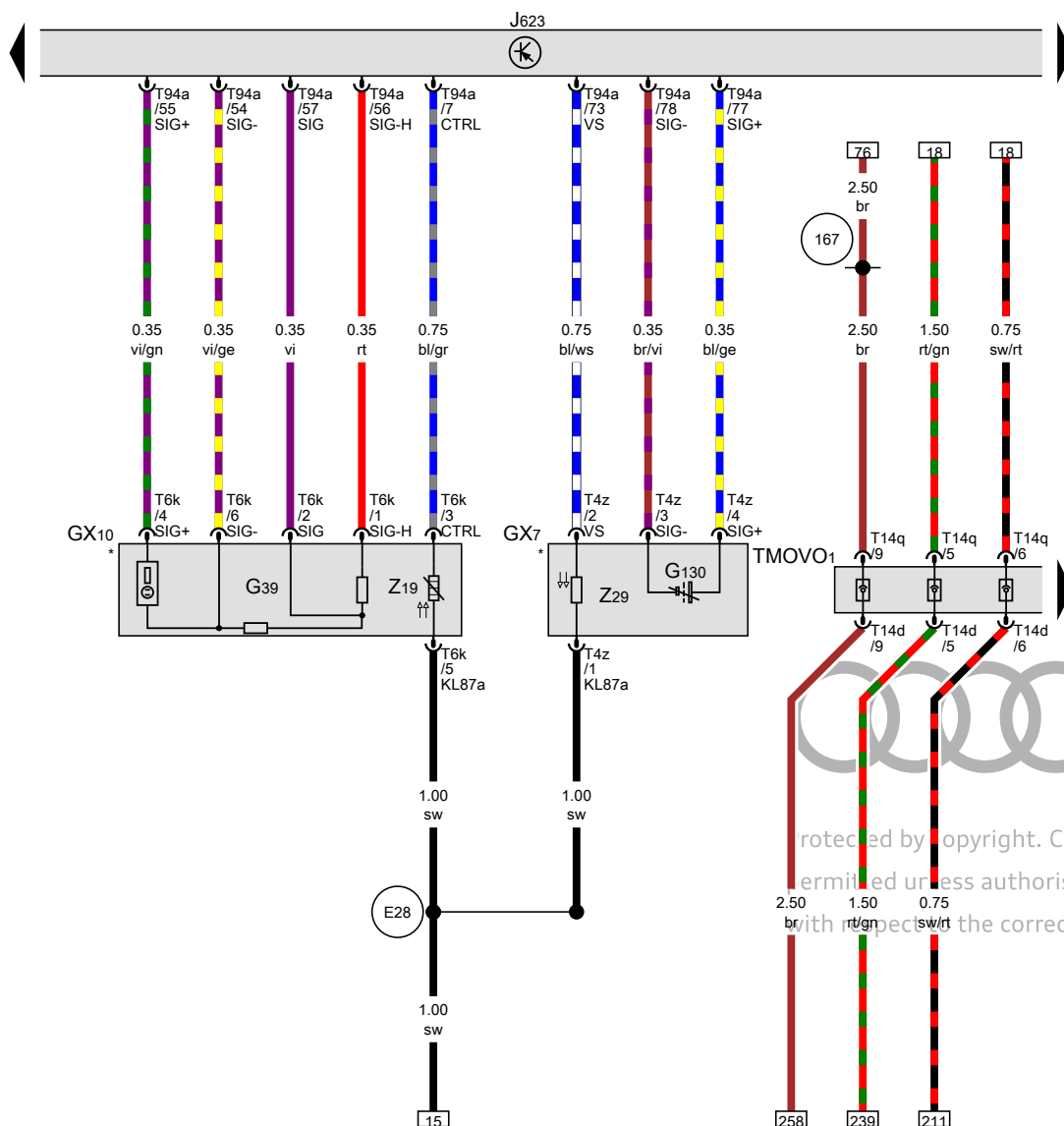
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Accelerator pedal module, Radiator outlet coolant temperature sender, Oil level and oil temperature sender, Engine/motor control unit

- GX2 Accelerator pedal module
- G79 Accelerator position sender
- G83 Radiator outlet coolant temperature sender
- G185 Accelerator position sender 2
- G266 Oil level and oil temperature sender
- J623 Engine/motor control unit
- T2bw 2-pin connector, black
- T3s 3-pin connector, black
- T6l 6-pin connector, black
- T94a 94-pin connector, black
- 124 Earth connection, in right side engine compartment wiring harness
- 656 Earth point, on right headlight

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Lambda probe 1 after catalytic converter, Lambda probe 1 before catalytic converter, Engine/motor control unit

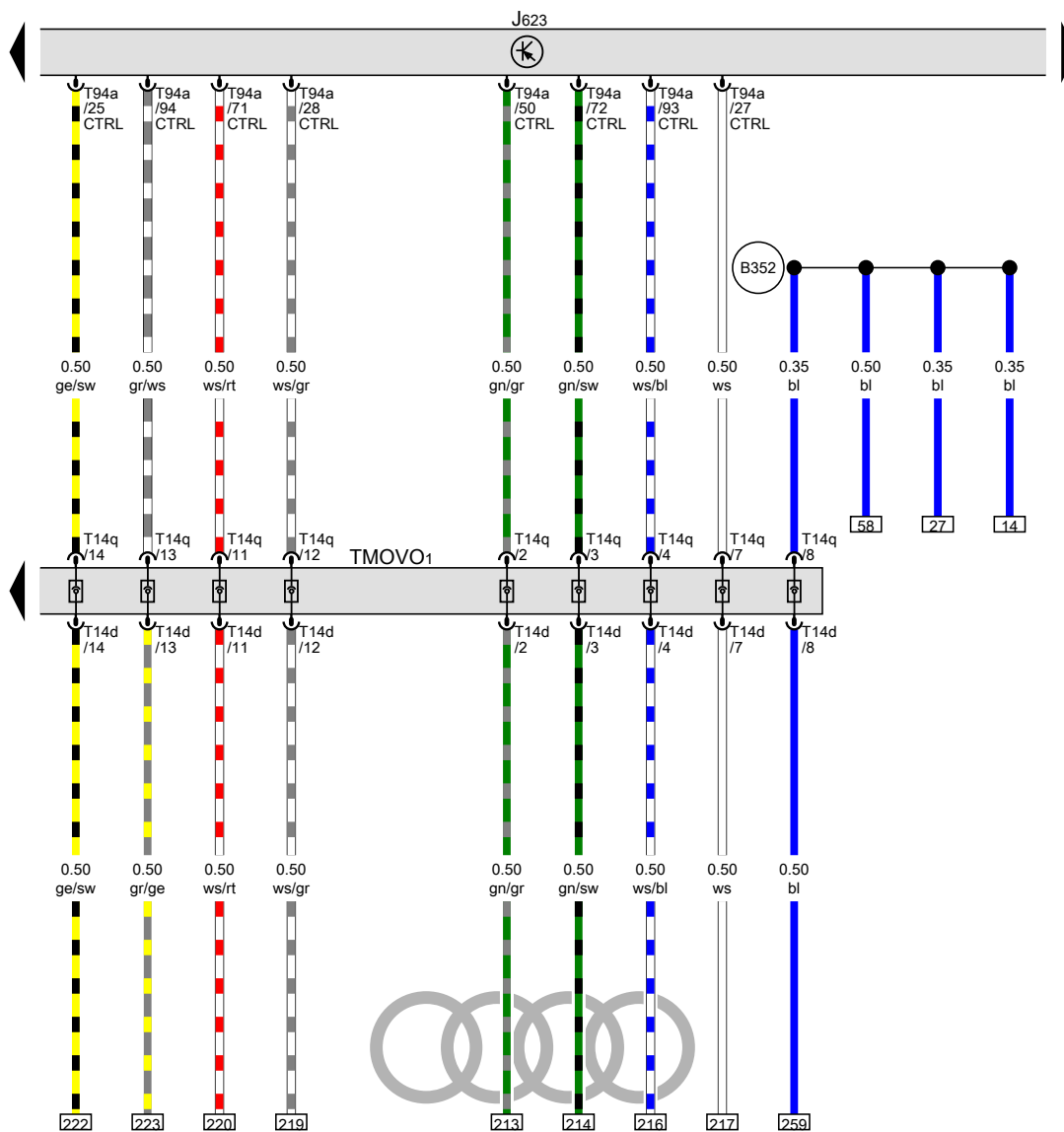
- GX7 Lambda probe 1 after catalytic converter
- GX10 Lambda probe 1 before catalytic converter
- G39 Lambda probe
- G130 Lambda probe after catalytic converter
- J623 Engine/motor control unit
- T4z 4-pin connector, black
- T6k 6-pin connector, black
- T14d 14-pin connector, grey
- T14q 14-pin connector, grey
- T94a 94-pin connector, black
- TMOVO1 Coupling point 1 for engine prewiring harness
- Z19 Lambda probe heater
- Z29 Lambda probe 1 heater after catalytic converter
- 167 Earth connection 4, in engine compartment wiring harness
- E28 Connection (Lambda probe heating), in Motronic wiring harness
- * Pre-wired component

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Engine/motor control unit

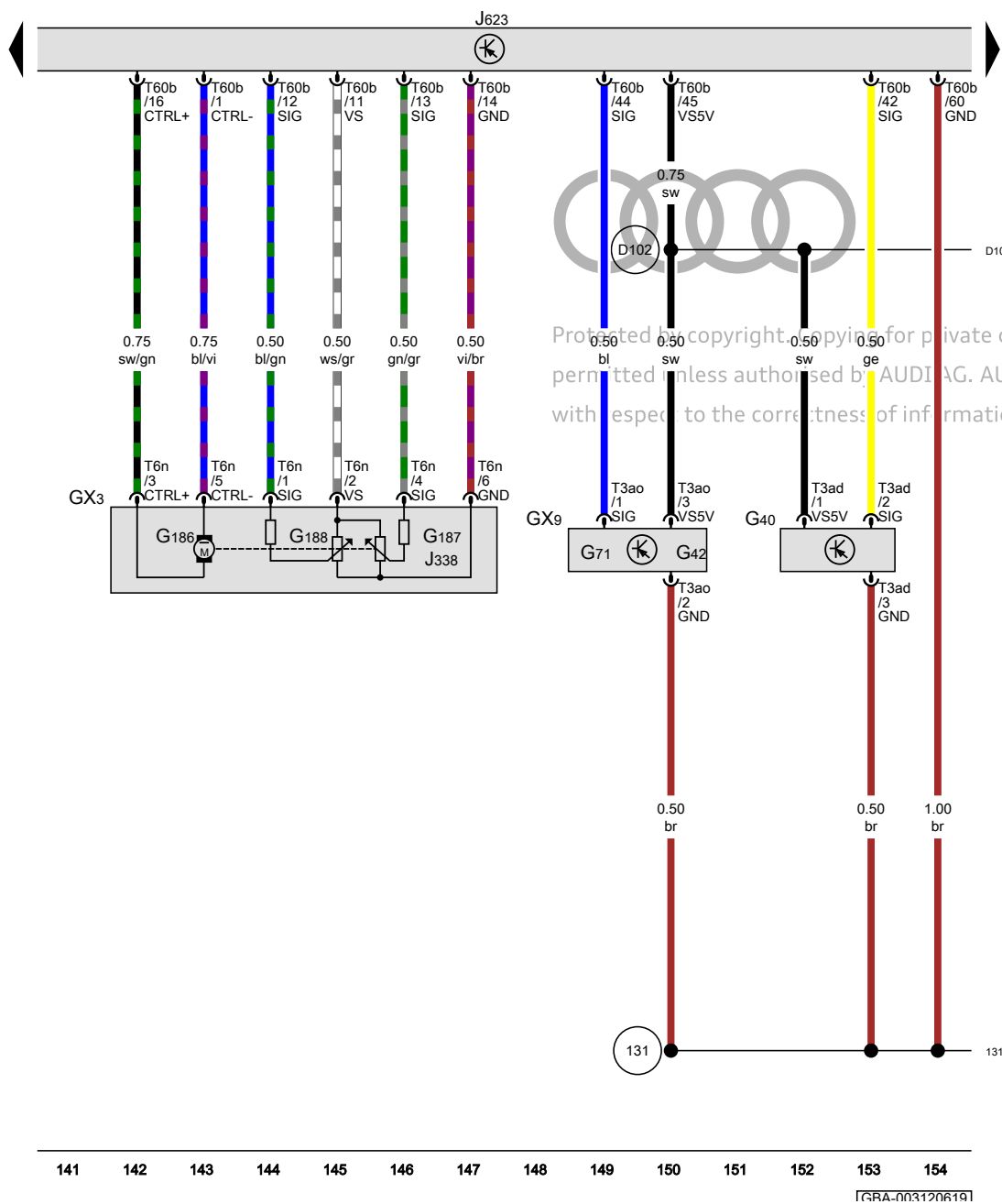
- J623 Engine/motor control unit
- T14d 14-pin connector, grey
- T14q 14-pin connector, grey
- T94a 94-pin connector, black
- TMOVO1 Coupling point 1 for engine prewiring harness
- B352 Positive connection 3 (87a) in main wiring harness



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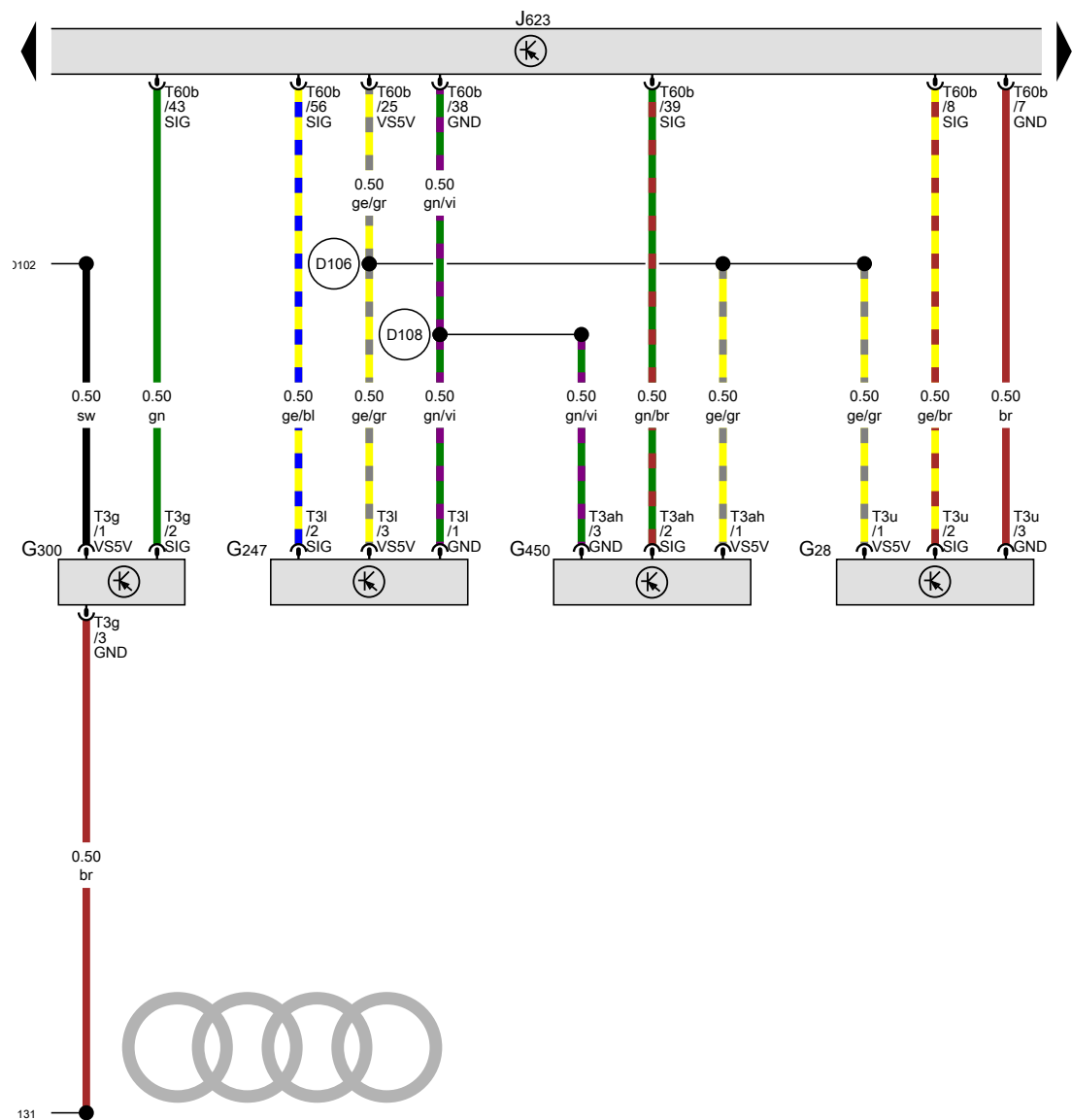
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Throttle valve module, Intake manifold sender, Hall sender, Engine/motor control unit

- GX3 Throttle valve module
- GX9 Intake manifold sender
- G40 Hall sender
- G42 Intake air temperature sender
- G71 Intake manifold pressure 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
- J338 Throttle valve module
- J623 Engine/motor control unit
- T3ad 3-pin connector, black
- T3ao 3-pin connector, black
- T6n 6-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

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Engine speed sender, Fuel pressure sender, Hall sender 3, Exhaust gas pressure sensor 1, Engine/motor control unit

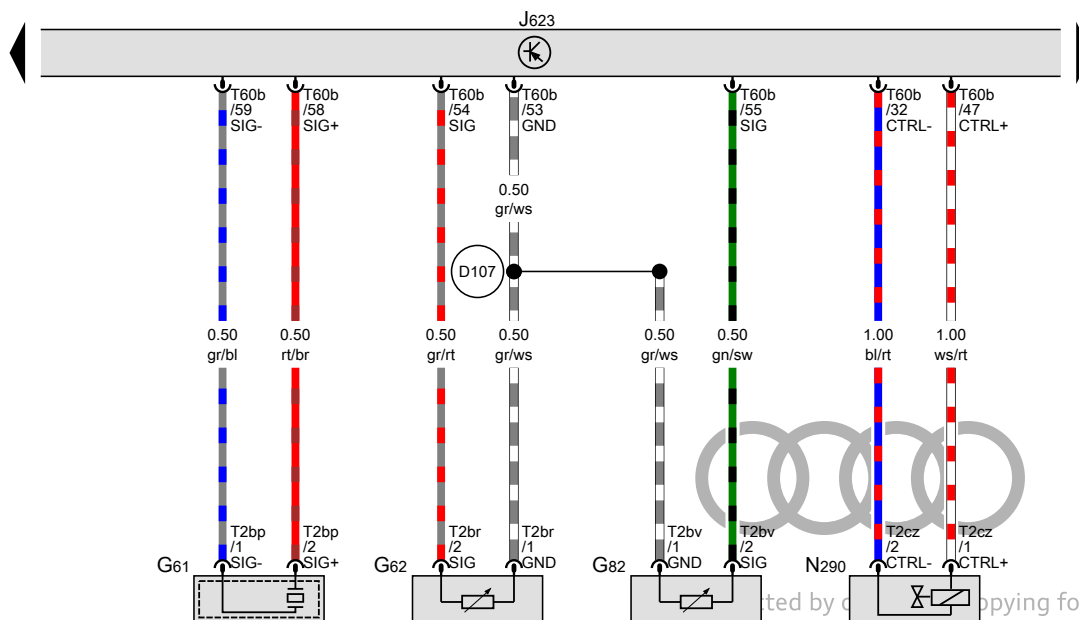
- G28 Engine speed sender
- G247 Fuel pressure sender
- G300 Hall sender 3
- G450 Exhaust gas pressure sensor 1
- J623 Engine/motor control unit
- T3ah 3-pin connector, black
- T3g 3-pin connector, black
- T3l 3-pin connector, black
- T3u 3-pin connector, black
- T60b 60-pin connector, black

- 131 Earth connection 2, in engine compartment wiring harness
- D102 Connection 2 in engine compartment wiring harness
- D106 Connection 4 in engine compartment wiring harness
- D108 Connection 6 in engine compartment wiring harness

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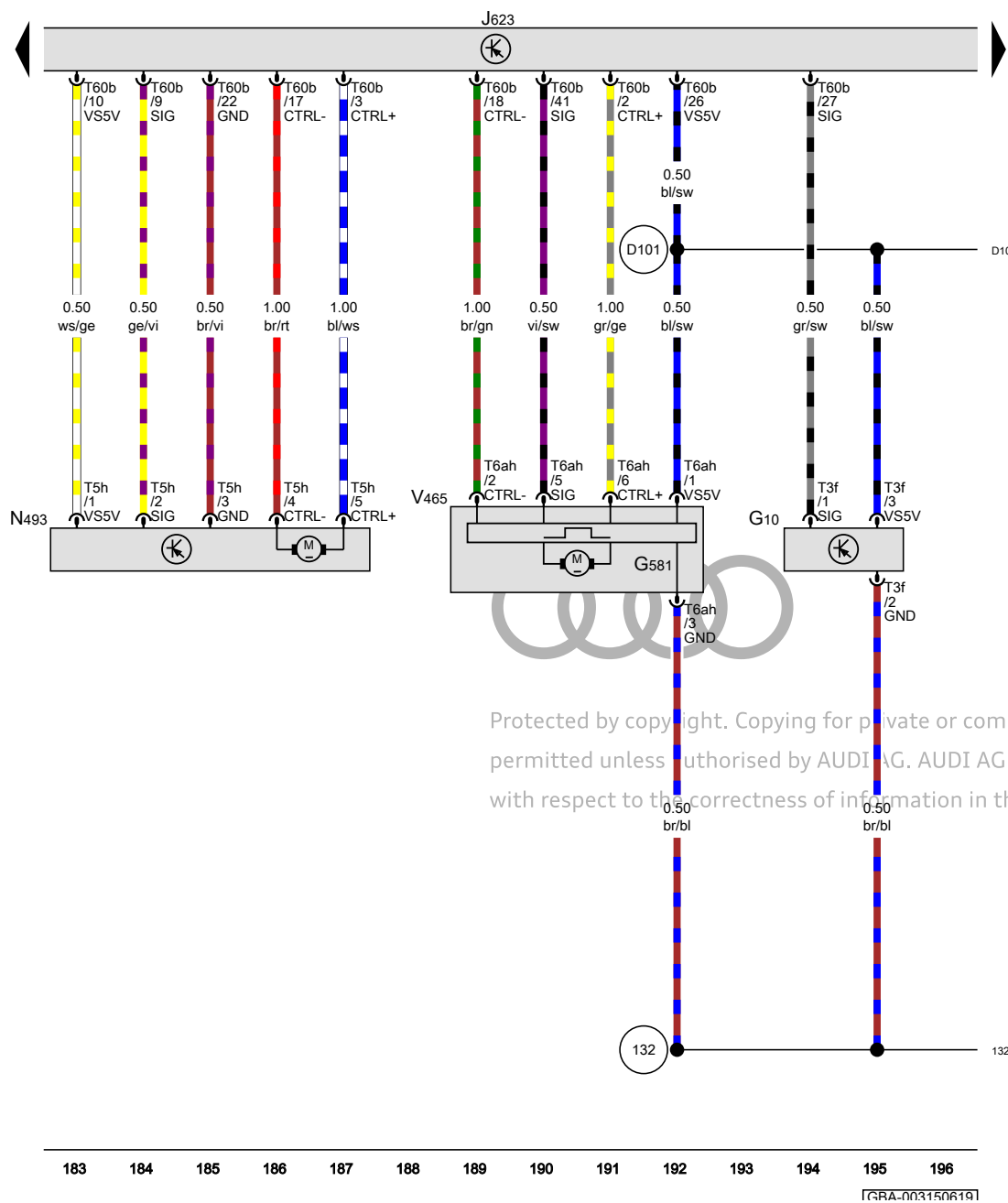


Knock sensor 1, Coolant temperature sender, Engine outlet coolant temperature sender, Engine/motor control unit, Fuel metering valve

- G61 Knock sensor 1
- G62 Coolant temperature sender
- G82 Engine outlet coolant temperature sender
- J623 Engine/motor control unit
- N290 Fuel metering valve
- T2bp 2-pin connector, black
- T2br 2-pin connector, black
- T2bv 2-pin connector, black
- T2cz 2-pin connector, black
- T60b 60-pin connector, black
- D107 Connection 5 in engine compartment wiring harness

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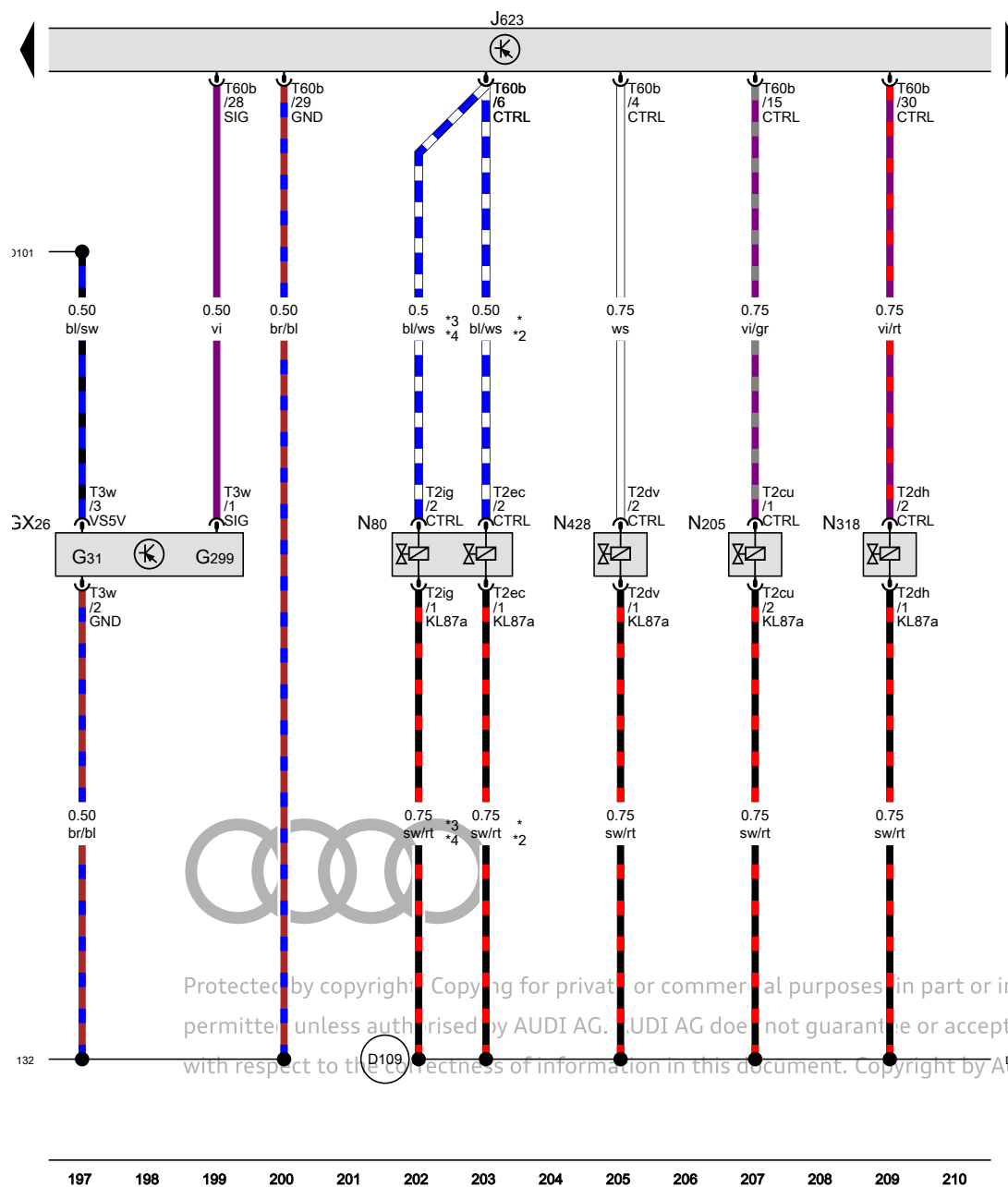
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Oil pressure sender, Engine/motor control unit, Actuator for engine temperature regulation, Charge pressure positioner

- G10 Oil pressure sender
- G581 Position sender for charge pressure positioner
- J623 Engine/motor control unit
- N493 Actuator for engine temperature regulation
- T3f 3-pin connector, black
- T5h 5-pin connector, brown
- 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

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

- GX26 Charge pressure sender
- G31 Charge pressure sender
- G299 Intake air temperature sender 2
- 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
- T2cu 2-pin connector, black
- T2dh 2-pin connector, black
- T2dv 2-pin connector, black
- T2ec 2-pin connector, black
- T2ig 2-pin connector, black
- T3w 3-pin connector, black
- T60b 60-pin connector, black

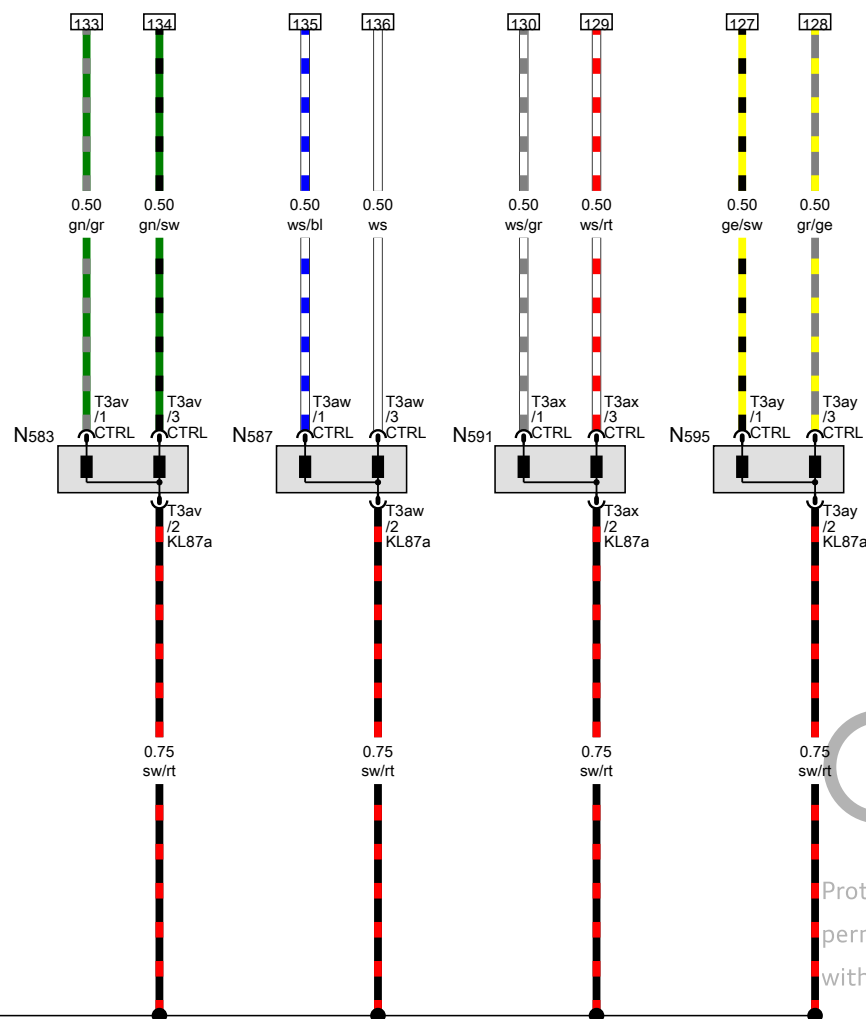
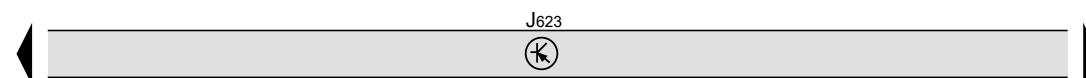
132 Earth connection 3, in engine compartment wiring harness

D101 Connection 1 in engine compartment wiring harness

D109 Connection 7 in engine compartment wiring harness

- * Not for emission standard Euro 6 DG
- *2 Not for emission standard J18, Japan
- *3 For emission standard Euro 6 DG
- *4 For emission standard J18, Japan

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Engine/motor control unit, Inlet cam actuator for cylinder 2, Exhaust cam actuator for cylinder 2, Inlet cam actuator for cylinder 3, Exhaust cam actuator for cylinder 3

J623	Engine/motor control unit
N583	Inlet cam actuator for cylinder 2
N587	Exhaust cam actuator for cylinder 2
N591	Inlet cam actuator for cylinder 3
N595	Exhaust cam actuator for cylinder 3
T3av	3-pin connector, black
T3aw	3-pin connector, black
T3ax	3-pin connector, black
T3ay	3-pin connector, black
D109	Connection 7 in engine compartment wiring harness

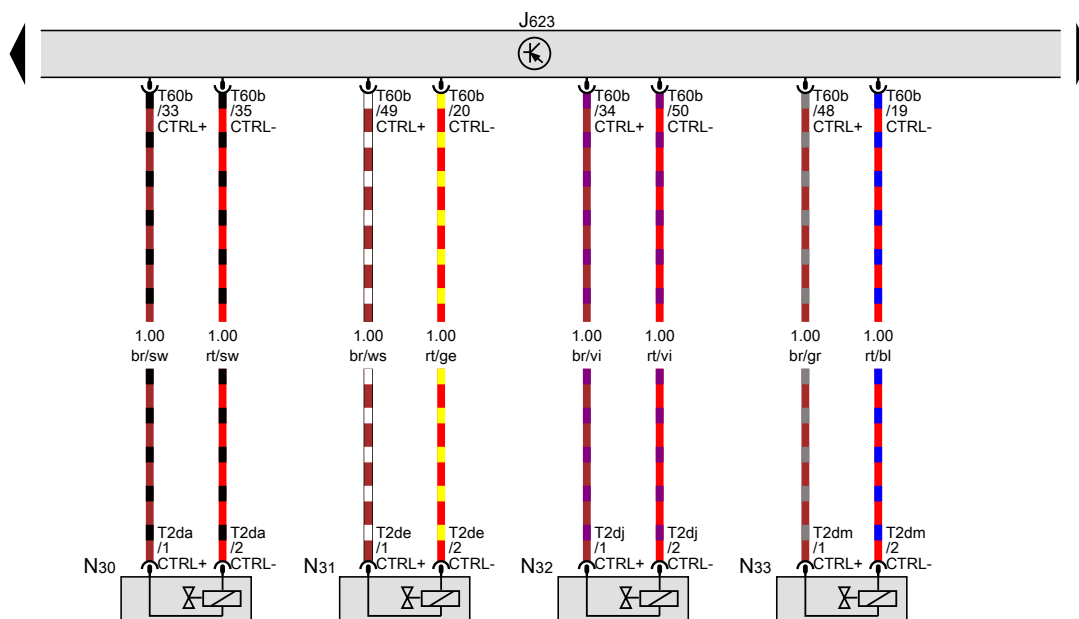
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211	212	213	214	215	216	217	218	219	220	221	222	223	224
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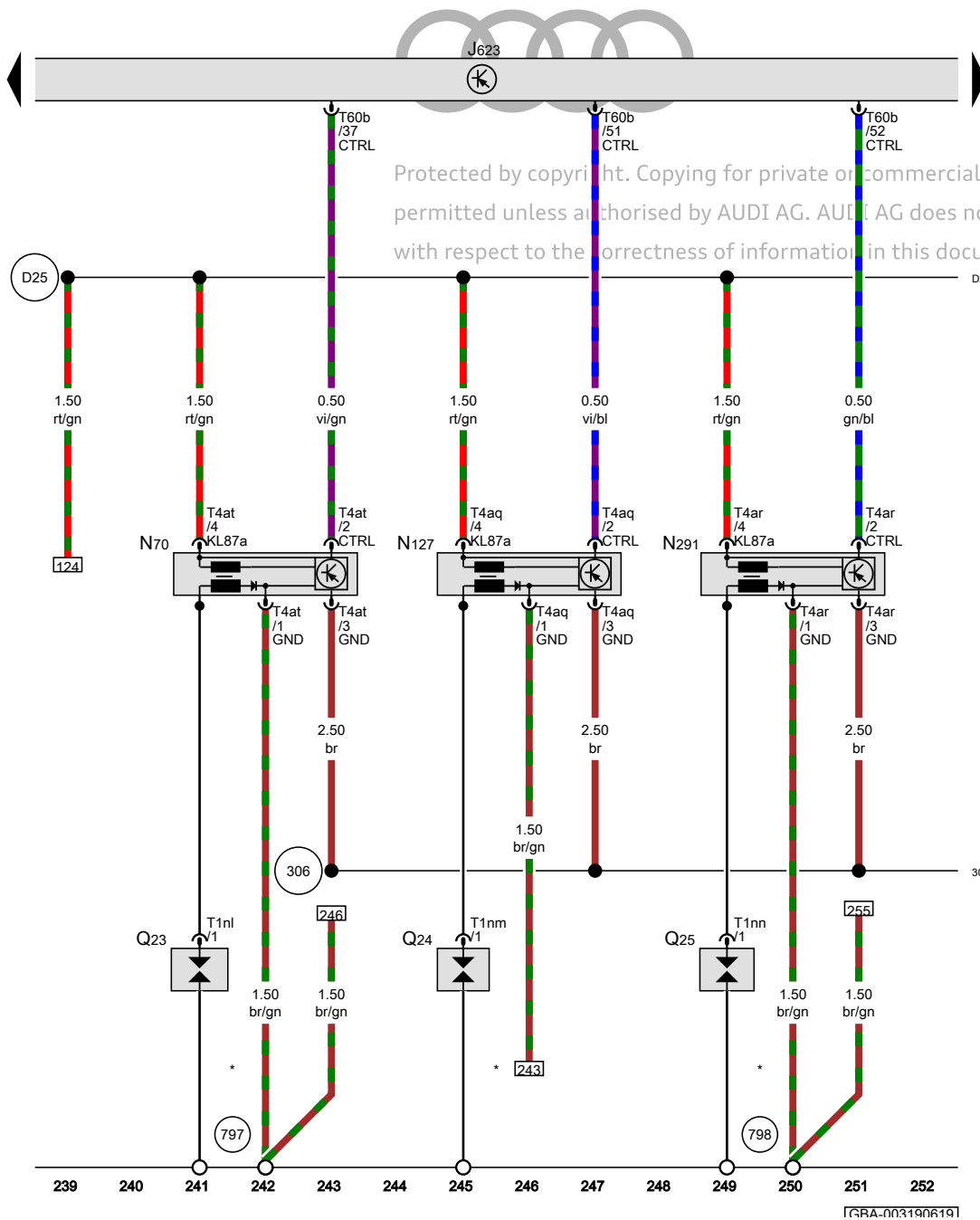
Engine/motor control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Injector, cylinder 4

- J623 Engine/motor control unit
- N30 Injector, cylinder 1
- N31 Injector, cylinder 2
- N32 Injector, cylinder 3
- N33 Injector, cylinder 4
- T2da 2-pin connector, black
- T2de 2-pin connector, black
- T2dj 2-pin connector, black
- T2dm 2-pin connector, black
- T60b 60-pin connector, black



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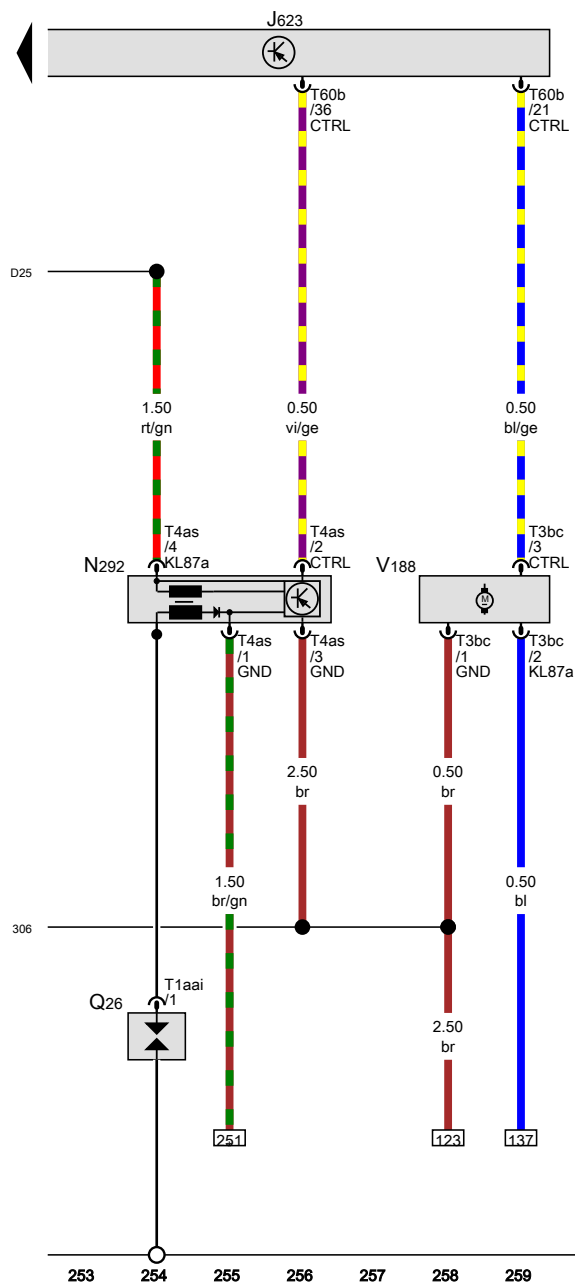
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Engine/motor control unit, Ignition coil 1 with output stage, Ignition coil 2 with output stage, Ignition coil 3 with output stage, Spark plug 1, Spark plug 2, Spark plug 3

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

306 Earth connection (ignition coils), in engine prewiring harness
797 Earth point on cylinder block for ignition coil, cylinders 1 and 2
798 Earth point on cylinder block for ignition coil, cylinders 3 and 4
D25 Positive connection (15), in engine prewiring harness
* Earth supply via housing



Engine/motor control unit, Ignition coil 4 with output stage, Spark plug 4, Charge air cooling pump

- J623 Engine/motor control unit
- N292 Ignition coil 4 with output stage
- Q26 Spark plug 4
- T1aai 1-pin connector, black
- T3bc 3-pin connector, black
- T4as 4-pin connector, black
- T60b 60-pin connector, black
- V188 Charge air cooling pump
- 306 Earth connection (ignition coils), in engine prewiring harness
- D25 Positive connection (15), in engine prewiring harness
- * Earth supply via housing

