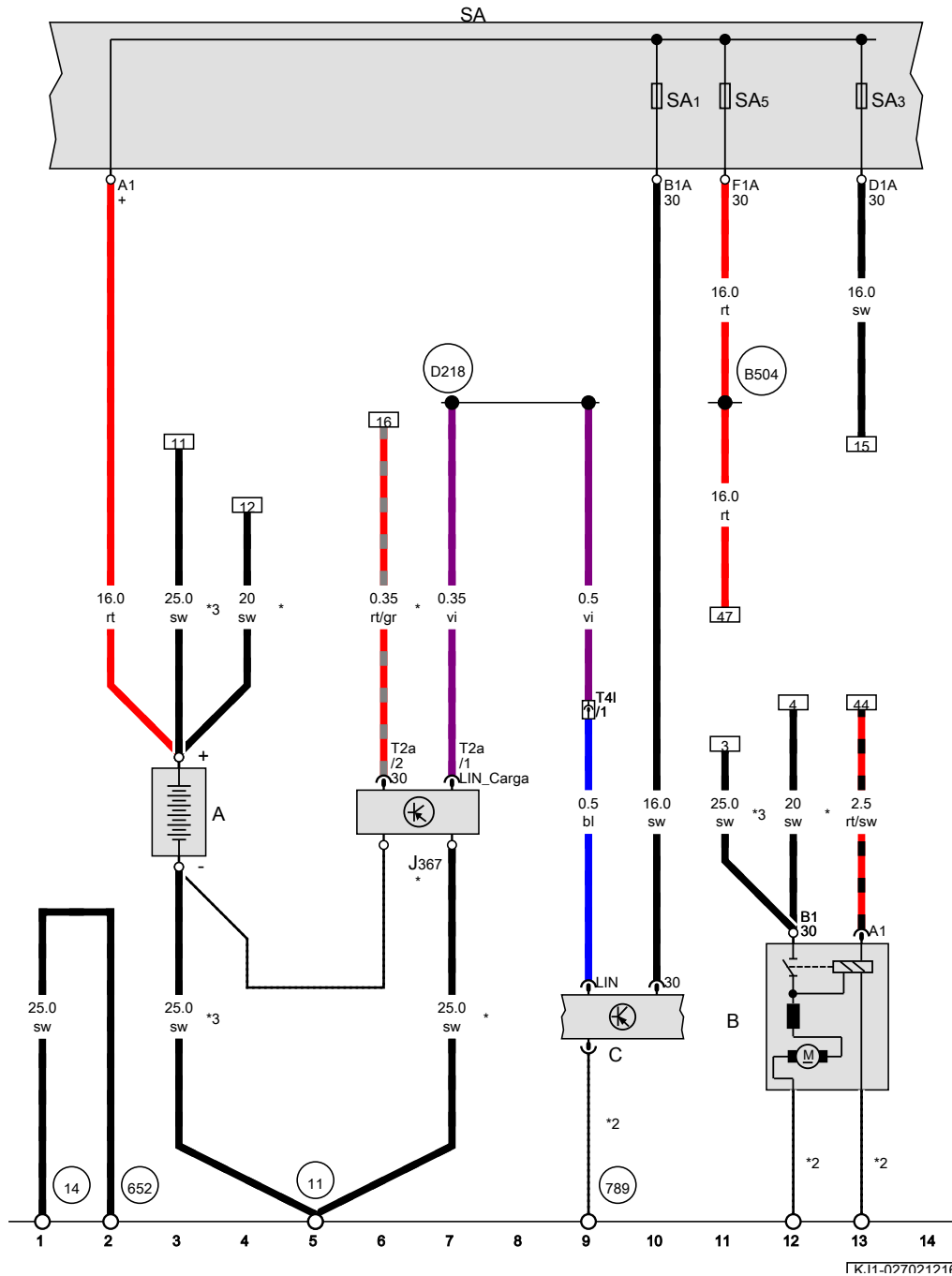




1.0l petrol engine , CHZL,(7L6)

From January 2017

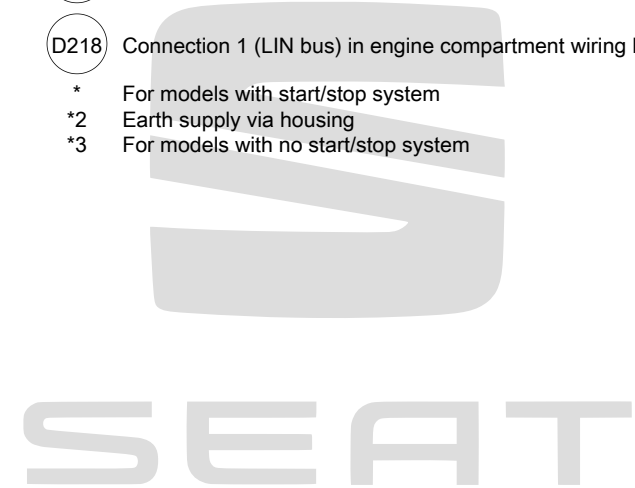




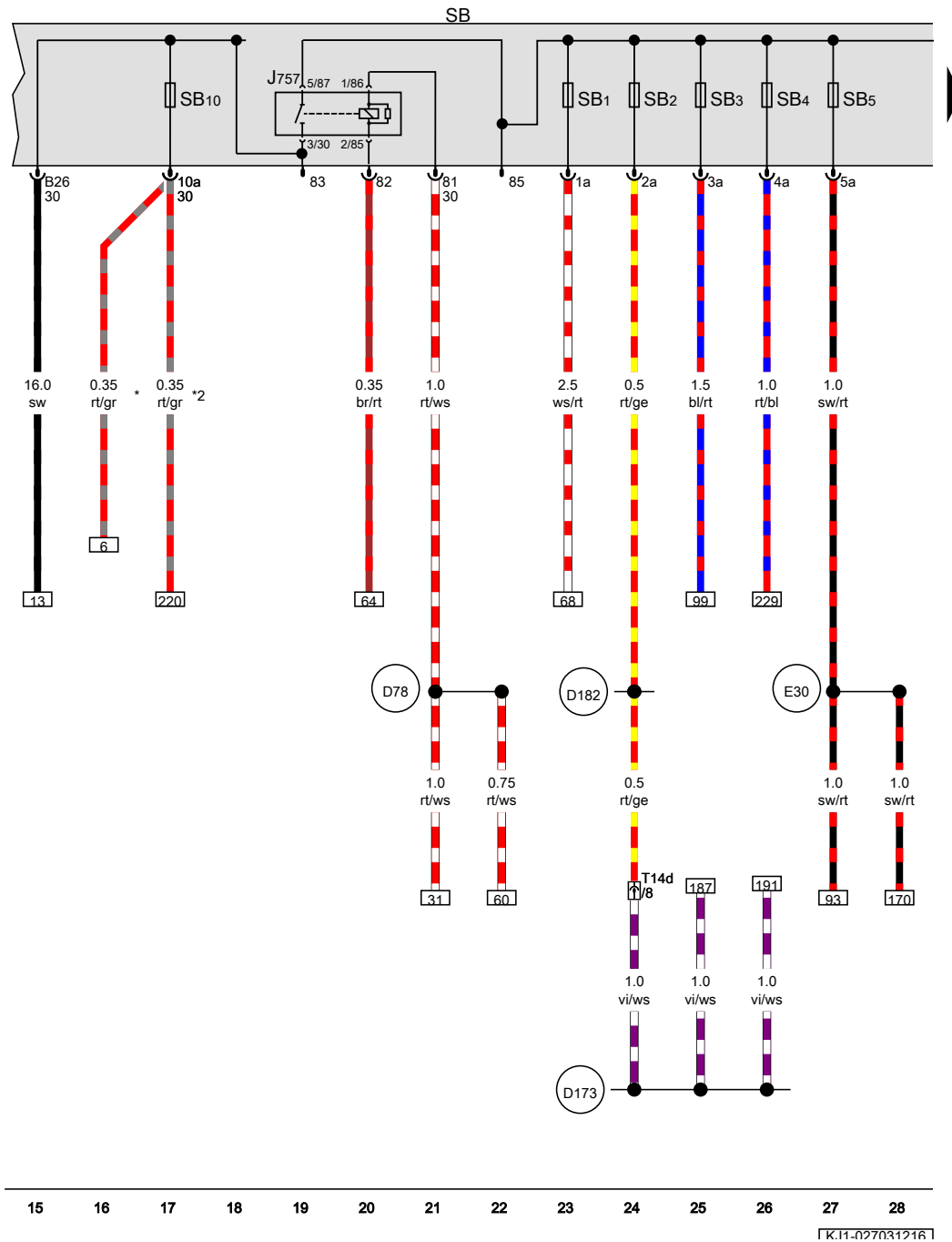
Battery, Starter, Battery monitor control unit, Fuse holder A

- A Battery
- B Starter
- C Alternator
- J367 Battery monitor control unit
- SA Fuse holder A
- SA1 Fuse 1 on fuse holder A
- SA3 Fuse 3 on fuse holder A
- SA5 Fuse 5 on fuse holder A
- T2a 2-pin connector
- T4l 4-pin connector
- 11 Earth point, in battery box
- 14 Earth point, on gearbox
- 652 Earth point, engine and gearbox earth
- 789 Earth point on alternator
- B504 Positive connection 8 (30a), in interior wiring harness
- D218 Connection 1 (LIN bus) in engine compartment wiring harness
- \* For models with start/stop system
- \*2 Earth supply via housing
- \*3 For models with no start/stop system

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



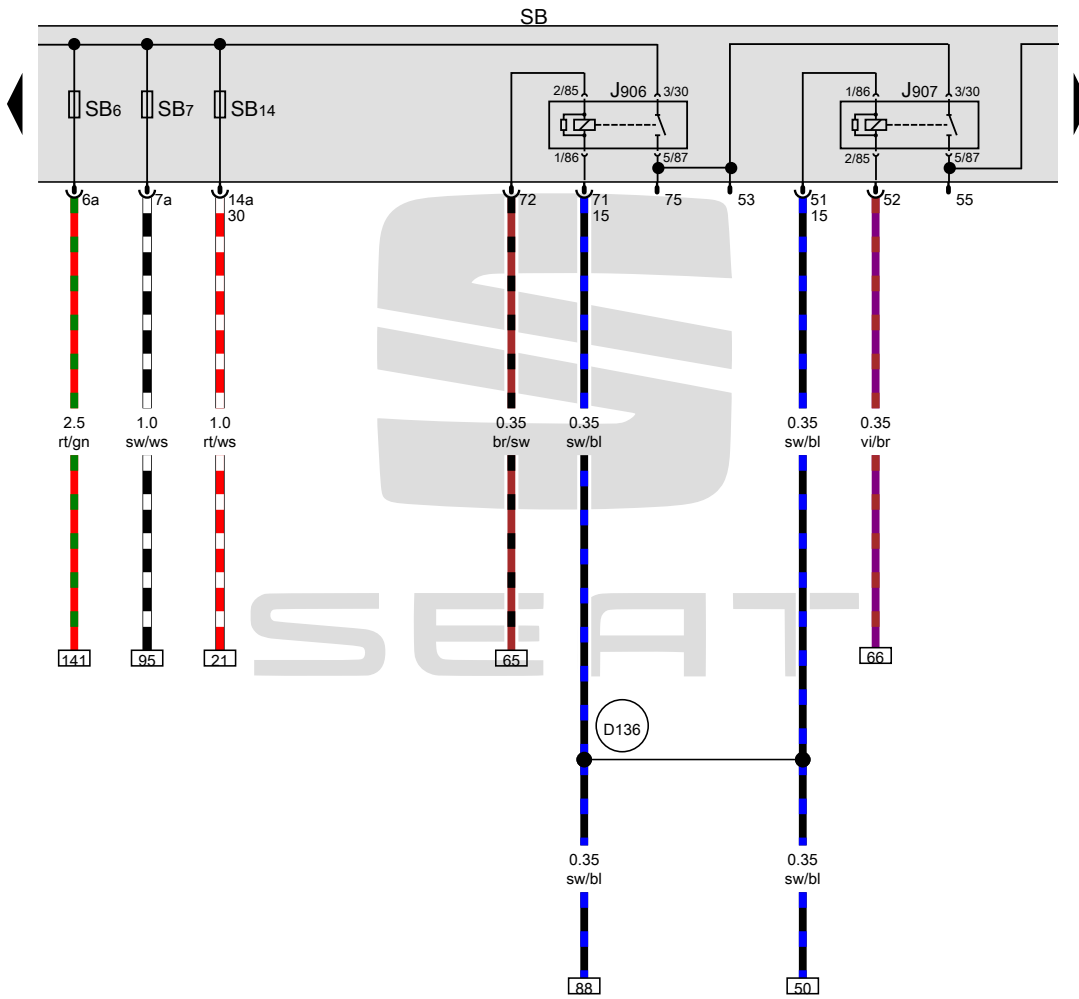
[K.11-027021216]



Engine component current supply relay, Fuse holder B

- J757 Engine component current supply relay
- 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
- SB10 Fuse 10 on fuse holder B
- T14d 14-pin connector
- (D78) Positive connection 1 (30a), in engine compartment wiring harness
- (D173) Connection (87), in engine prewiring harness
- (D182) Connection 3 (87a), in engine compartment wiring harness
- (E30) Connection (87a), in engine wiring harness
- \* For models with start/stop system
- \*2 For models with no start/stop system

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



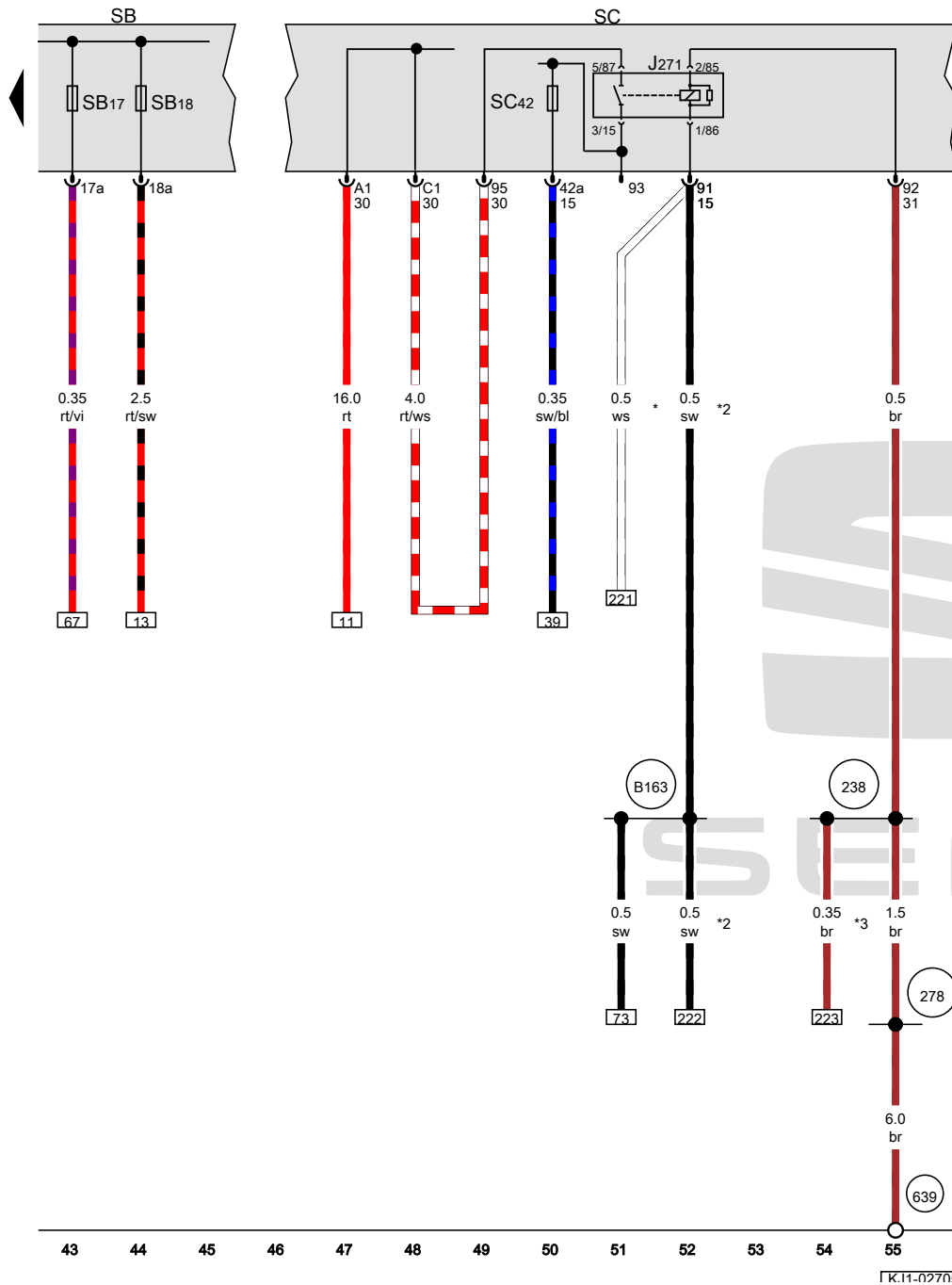
**Starter relay 1, Starter relay 2, Fuse holder B**

- J906 Starter relay 1
- J907 Starter relay 2
- SB Fuse holder B
- SB6 Fuse 6 on fuse holder B
- SB7 Fuse 7 on fuse holder B
- SB14 Fuse 14 on fuse holder B
- (D136) Positive connection 2 (15a), in engine compartment wiring harness

- ws = white
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- bl = blue
- gr = grey
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29 30 31 32 33 34 35 36 37 38 39 40 41 42

[K.11-027041216]



Main relay, Fuse holder B

- J271 Main relay
- SB Fuse holder B
- SB17 Fuse 17 on fuse holder B
- SB18 Fuse 18 on fuse holder B
- SC Fuse holder C
- SC42 Fuse 42 on fuse holder C

238 Earth connection 1, in interior wiring harness

278 Earth connection 4, in interior wiring harness

639 Earth point, left A-pillar

B163 Positive connection 1 (15), in interior wiring harness

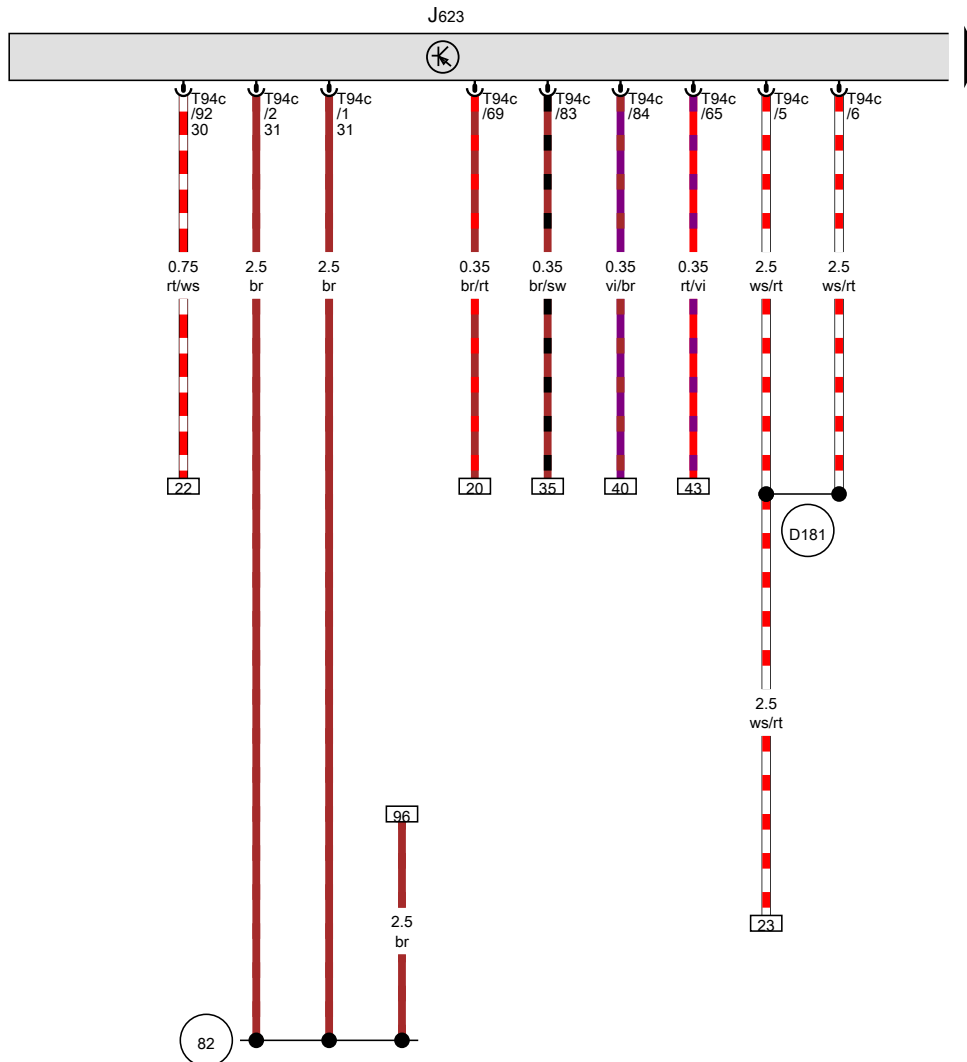
\* For models with "keyless access" locking and starting system

\*2 For models with no entry and start authorisation

\*3 For models with no start/stop system

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- ro = red
- rt = red
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[K.11-027051216]



Engine/motor control unit

J623 Engine/motor control unit  
T94c 94-pin connector

82 Earth connection 1, in front left wiring harness

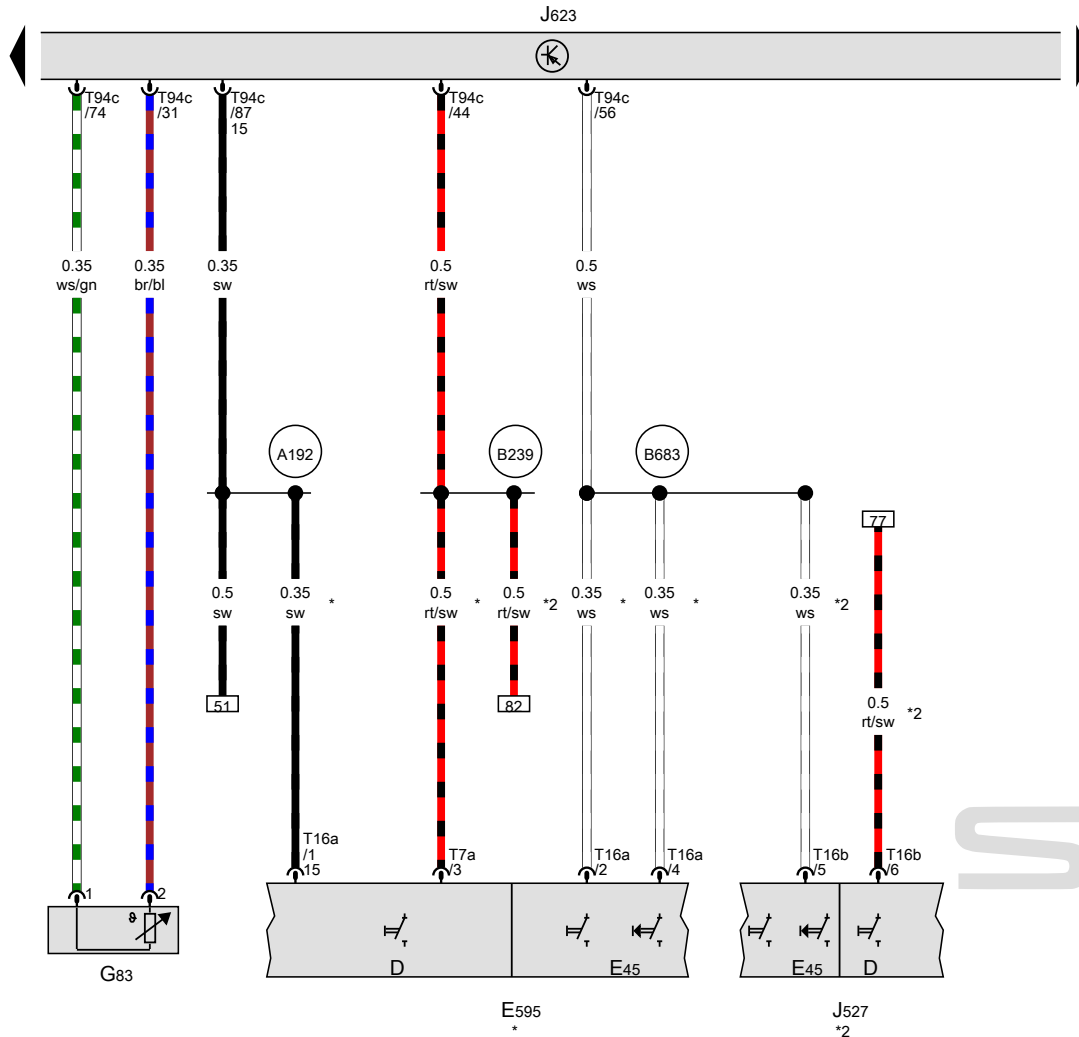
D181 Connection 2 (87a), in engine compartment wiring harness



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

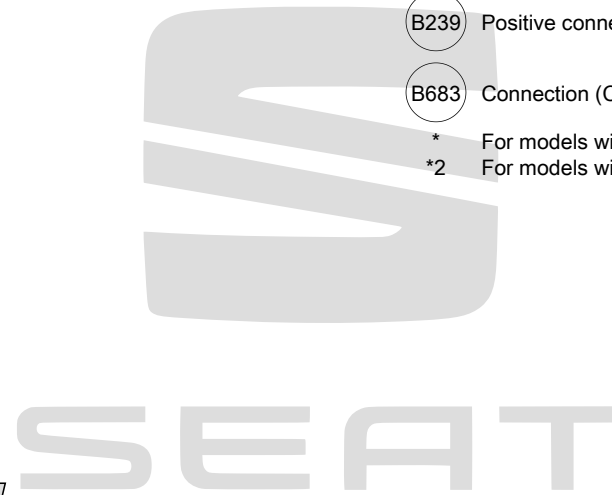
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[K.11-027061216]



Steering column combination switch, Radiator outlet coolant temperature sender, Steering column electronics control unit, Engine/motor control unit

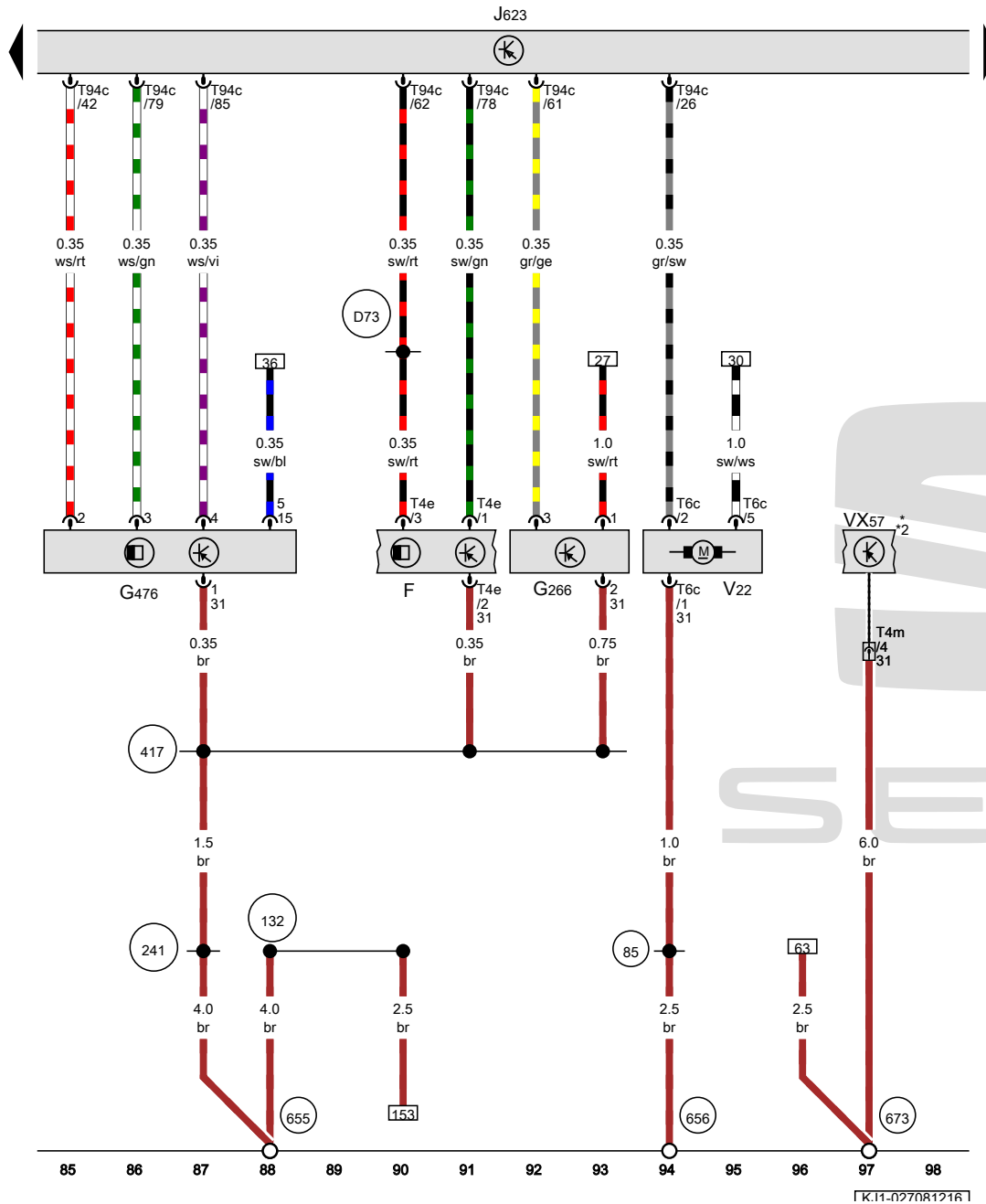
- D Ignition/starter switch
- E45 Cruise control system switch
- E595 Steering column combination switch
- G83 Radiator outlet coolant temperature sender
- J527 Steering column electronics control unit
- J623 Engine/motor control unit
- T7a 7-pin connector
- T16a 16-pin connector
- T16b 16-pin connector
- T94c 94-pin connector
- (A192) Positive connection 3 (15a) in dash panel wiring harness
- (B239) Positive connection 1 (50), in interior wiring harness
- (B683) Connection (CCS) in interior wiring harness
- \* For models with no adaptive cruise control (ACC)
- \*2 For models with adaptive cruise control (ACC)



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- gn = green
- bl = blue
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71 72 73 74 75 76 77 78 79 80 81 82 83 84

[K.11-027071216]



Brake light switch, Clutch position sender, Engine/motor control unit, Vacuum pump

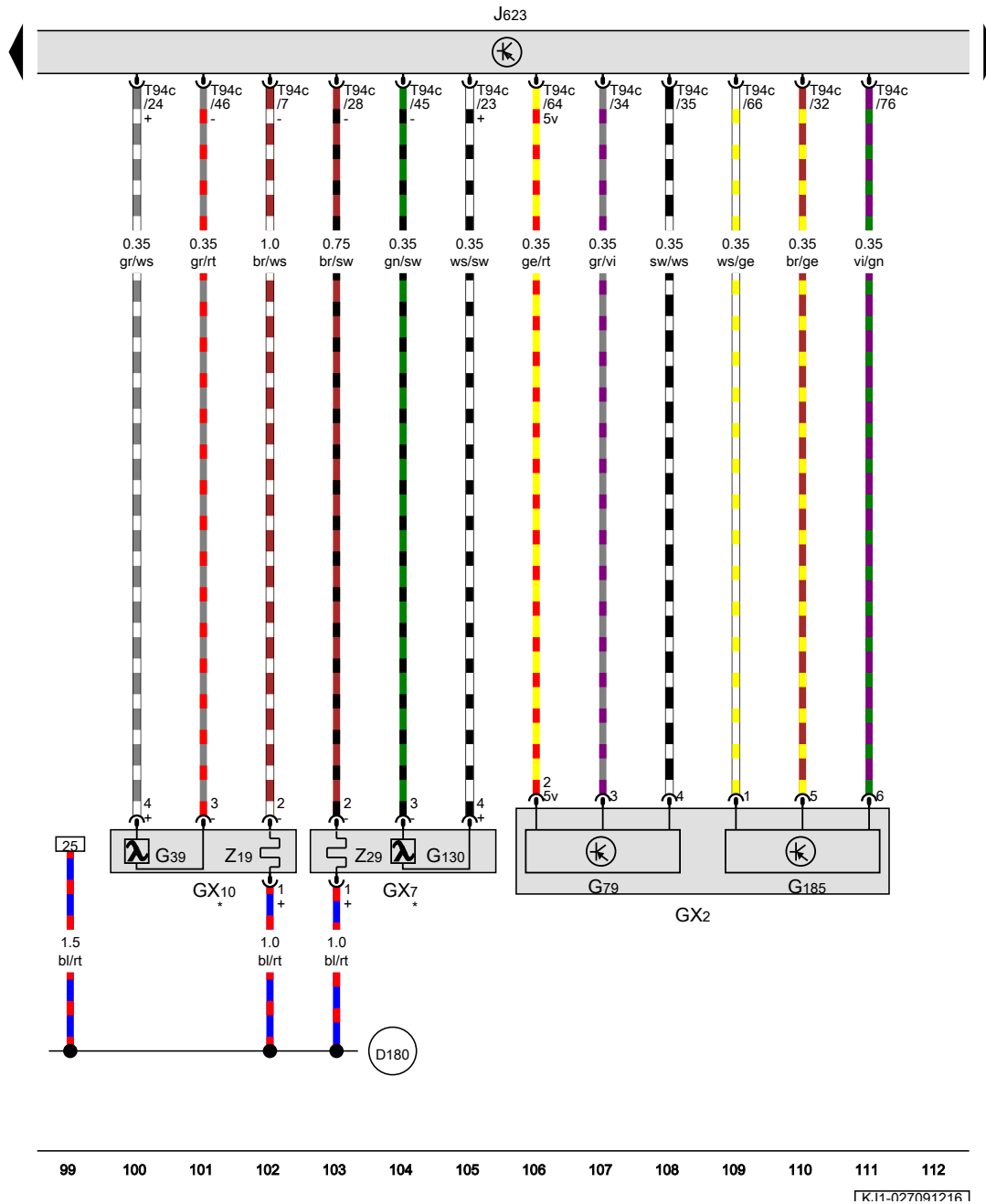
- F Brake light switch
- G266 Oil level and oil temperature sender
- G476 Clutch position sender
- J623 Engine/motor control unit
- T4e 4-pin connector
- T4m 4-pin connector
- T6c 6-pin connector
- T94c 94-pin connector
- V22 Vacuum pump
- VX57 Radiator fan

- (85) Earth connection 1, in engine compartment wiring harness
- (132) Earth connection 3, in engine compartment wiring harness
- (241) Earth connection 2, engine earth in engine wiring harness
- (417) Earth connection 9, in engine compartment wiring harness
- (655) Earth point, on left headlight
- (656) Earth point, on right headlight
- (673) Earth point 3, on front of left longitudinal member
- (D73) Positive connection (54), in engine compartment wiring harness
- \* see applicable current flow diagram for radiator fan
- \*2 Pre-wired component

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

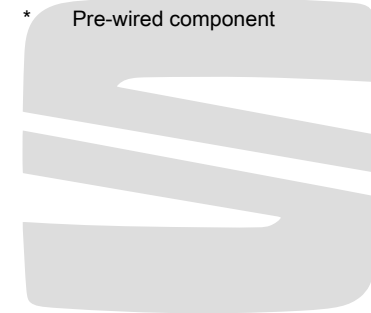
[K.11-027081216]





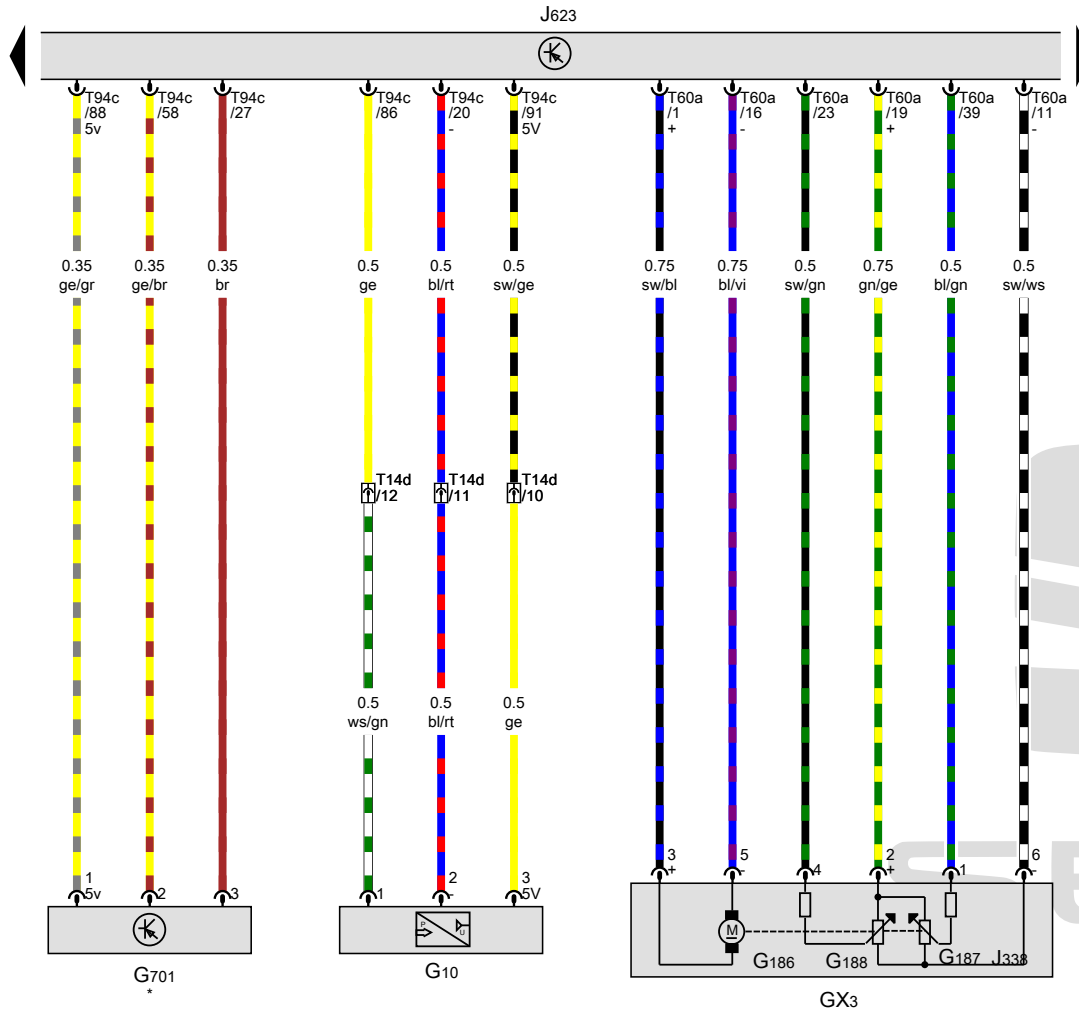
Accelerator pedal module, Lambda probe 1 after catalytic converter, Lambda probe 1 before catalytic converter, Engine/motor control unit

- GX2 Accelerator pedal module
- GX7 Lambda probe 1 after catalytic converter
- GX10 Lambda probe 1 before catalytic converter
- G39 Lambda probe
- G79 Accelerator position sender
- G130 Lambda probe after catalytic converter
- G185 Accelerator position sender 2
- J623 Engine/motor control unit
- T94c 94-pin connector
- Z19 Lambda probe heater
- Z29 Lambda probe 1 heater after catalytic converter
- D180 Connection (87a), in engine compartment wiring harness



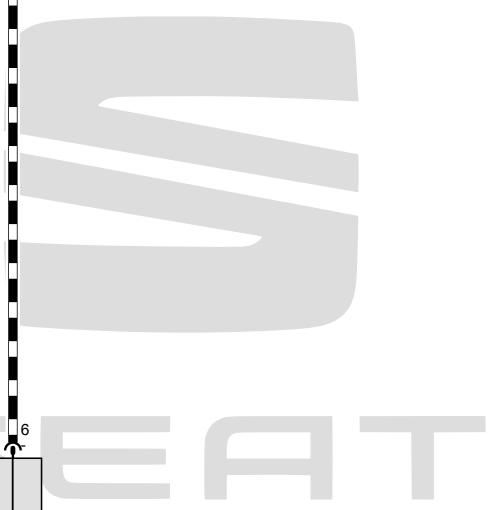
SEAT

\* Pre-wired component

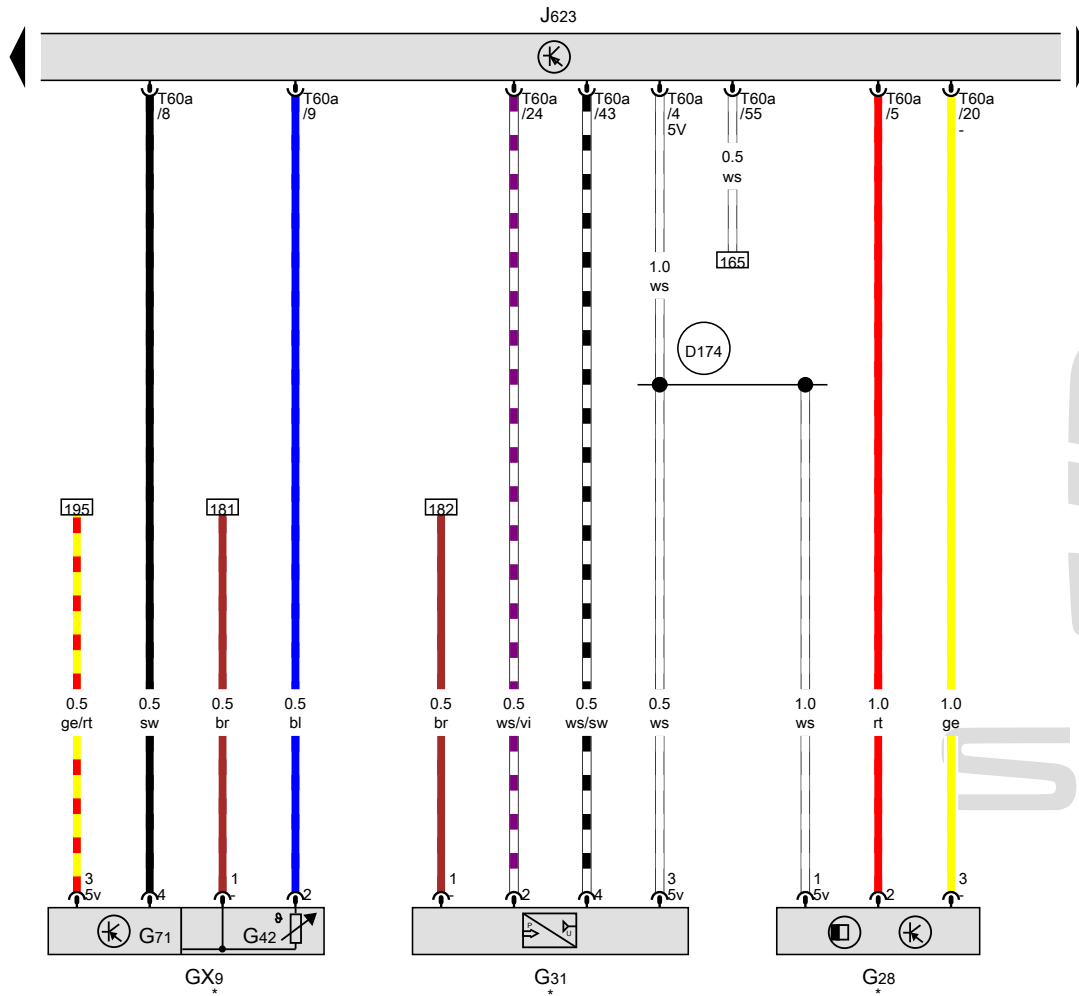


Throttle valve module, Oil pressure sender, Gearbox neutral position sender, Engine/motor control unit

- GX3 Throttle valve module
- G10 Oil 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
- G701 Gearbox neutral position sender
- J338 Throttle valve module
- J623 Engine/motor control unit
- T14d 14-pin connector
- T60a 60-pin connector
- T94c 94-pin connector
- \* For models with stop/start system



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Intake manifold sender, Engine speed sender, Charge pressure sender, Intake air temperature sender, Intake manifold pressure sender, Engine/motor control unit

- GX9 Intake manifold sender
- G28 Engine speed sender
- G31 Charge pressure sender
- G42 Intake air temperature sender
- G71 Intake manifold pressure sender
- J623 Engine/motor control unit
- T60a 60-pin connector

- Connection 2 (5V) in engine prewiring harness
- \* Pre-wired component



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- gr = grey
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- vi = purple
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- or = orange
- rs = pink

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

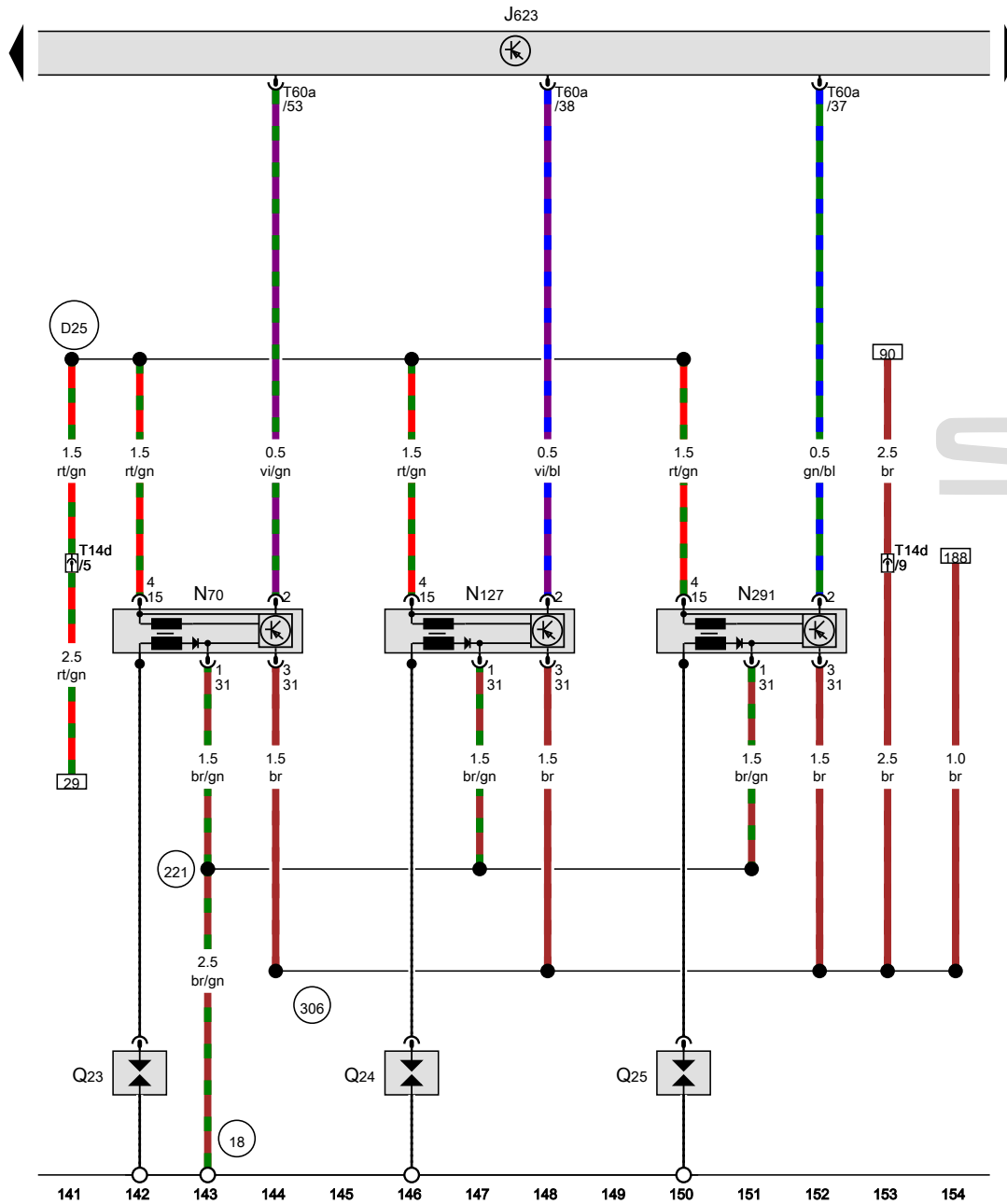
[K.11-027111216]

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

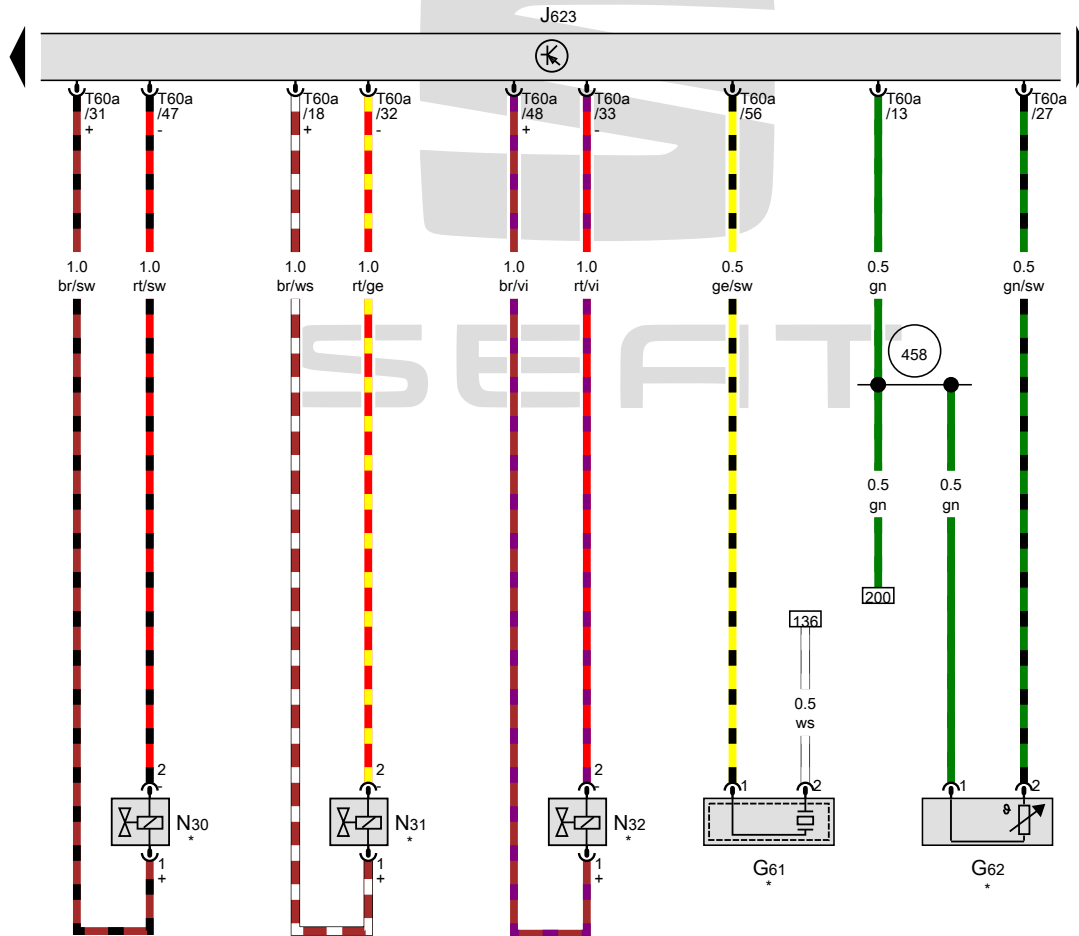
- J623 Engine/motor control unit
- N70 Ignition coil 1 with output stage
- N127 Ignition coil 2 with output stage
- N291 Ignition coil 3 with output stage
- Q23 Spark plug 1
- Q24 Spark plug 2
- Q25 Spark plug 3
- T14d 14-pin connector
- T60a 60-pin connector

- 18 Earth point, on cylinder block
- 221 Earth connection (engine earth), in engine wiring harness
- 306 Earth connection (ignition coils), in engine prewiring harness
- D25 Positive connection (15), in engine prewiring harness

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- vi = purple
- ge = yellow
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- rs = pink



[K11-027121216]



Knock sensor 1, Coolant temperature sender, Engine/motor control unit, Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3

- G61 Knock sensor 1
- G62 Coolant temperature sender
- J623 Engine/motor control unit
- N30 Injector, cylinder 1
- N31 Injector, cylinder 2
- N32 Injector, cylinder 3
- T60a 60-pin connector

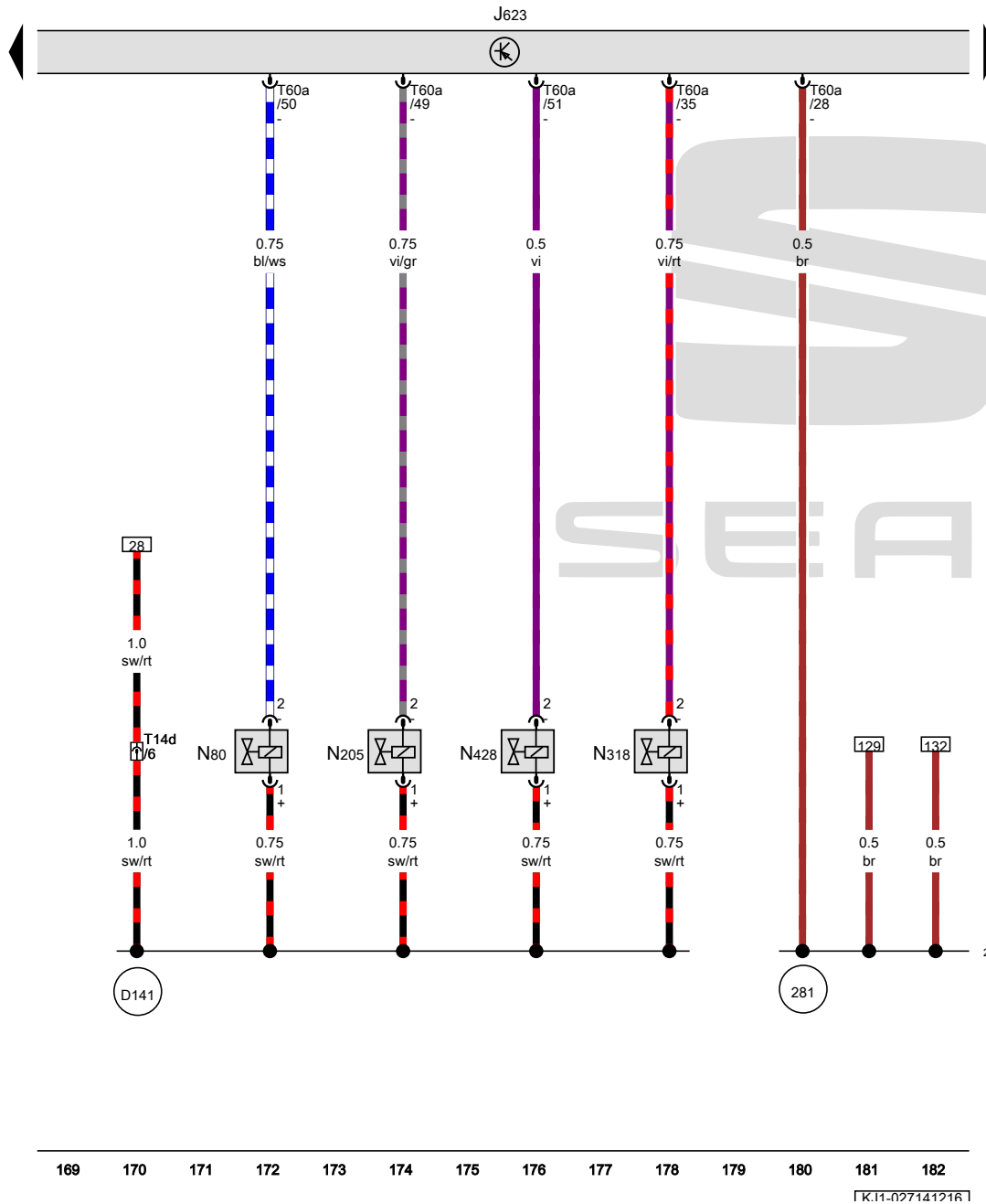
458 Earth point 3, engine prewiring harness

\* Pre-wired component

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- br = brown
- gn = green
- bl = blue
- gr = grey
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155 156 157 158 159 160 161 162 163 164 165 166 167 168

[K11-027131216]



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

- 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
- T14d 14-pin connector
- T60a 60-pin connector

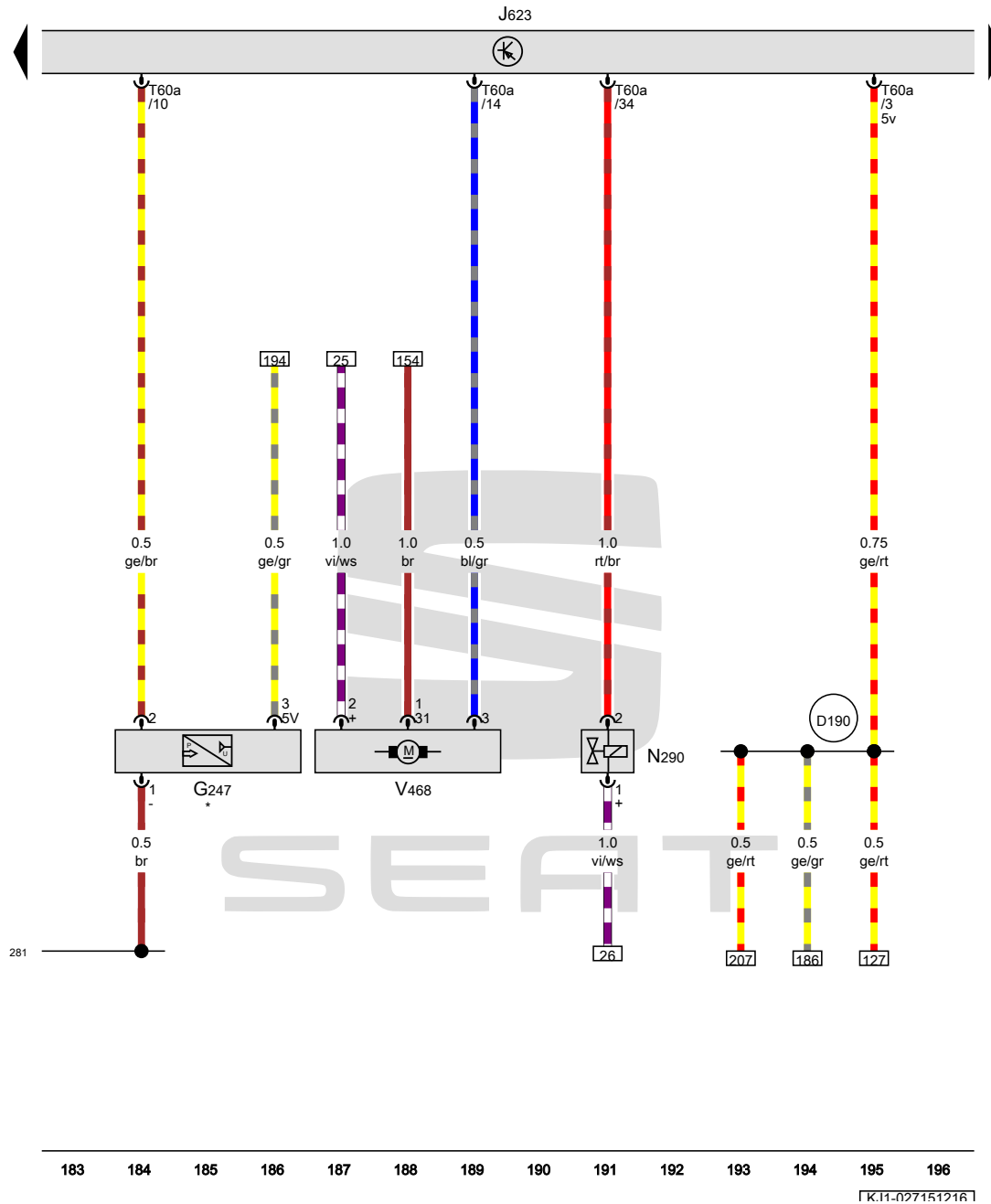
281 Earth point 1, engine prewiring harness

D141 Connection (5V) in engine prewiring harness

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

169 170 171 172 173 174 175 176 177 178 179 180 181 182

[K.11-027141216]



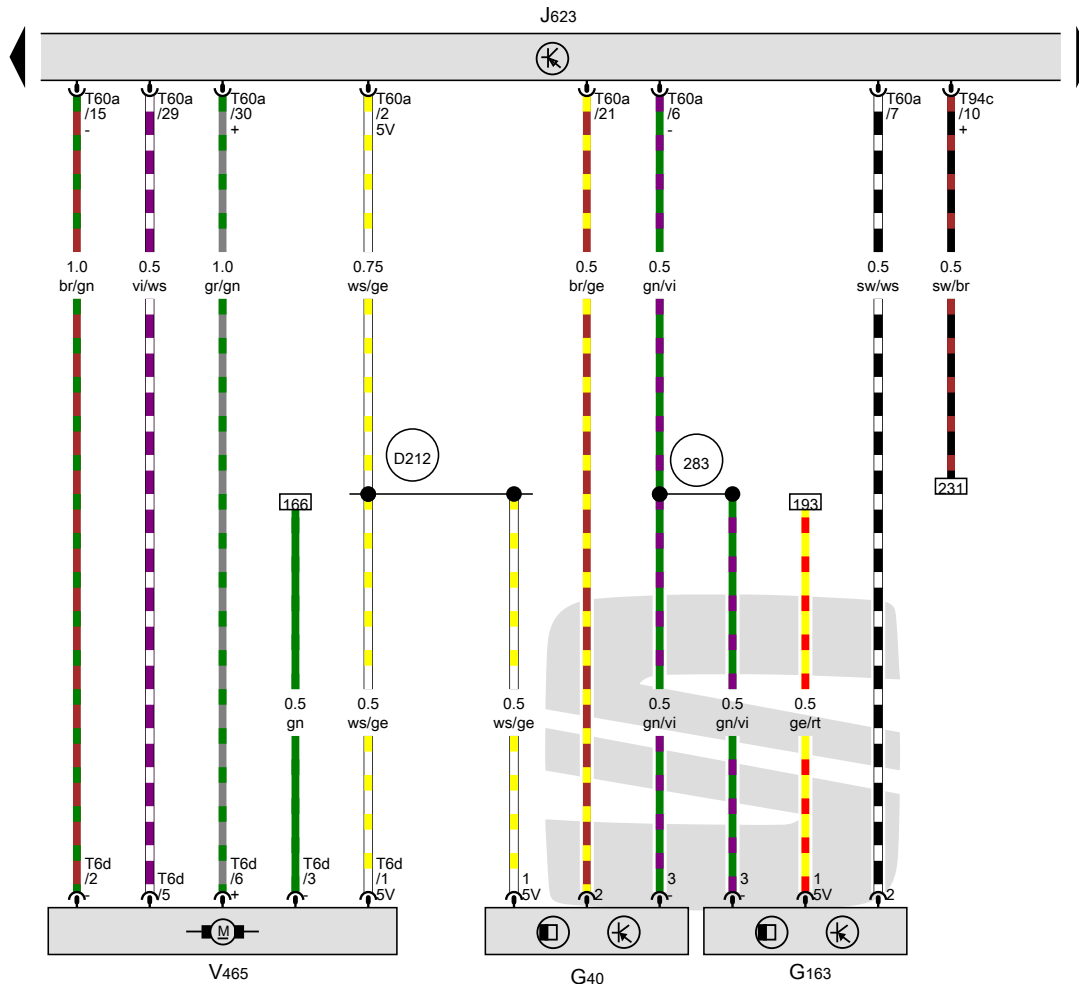
Fuel pressure sender, Engine/motor control unit, Fuel metering valve, Coolant pump for low-temperature circuit

- G247 Fuel pressure sender
- J623 Engine/motor control unit
- N290 Fuel metering valve
- T60a 60-pin connector
- V468 Coolant pump for low-temperature circuit
- 281 Earth point 1, engine prewiring harness
- D190 Connection 3 (5V) in engine prewiring harness
- \* Pre-wired component

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- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
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183 184 185 186 187 188 189 190 191 192 193 194 195 196

[K11-027151216]



Hall sender, Hall sender 2, Engine/motor control unit, Charge pressure positioner

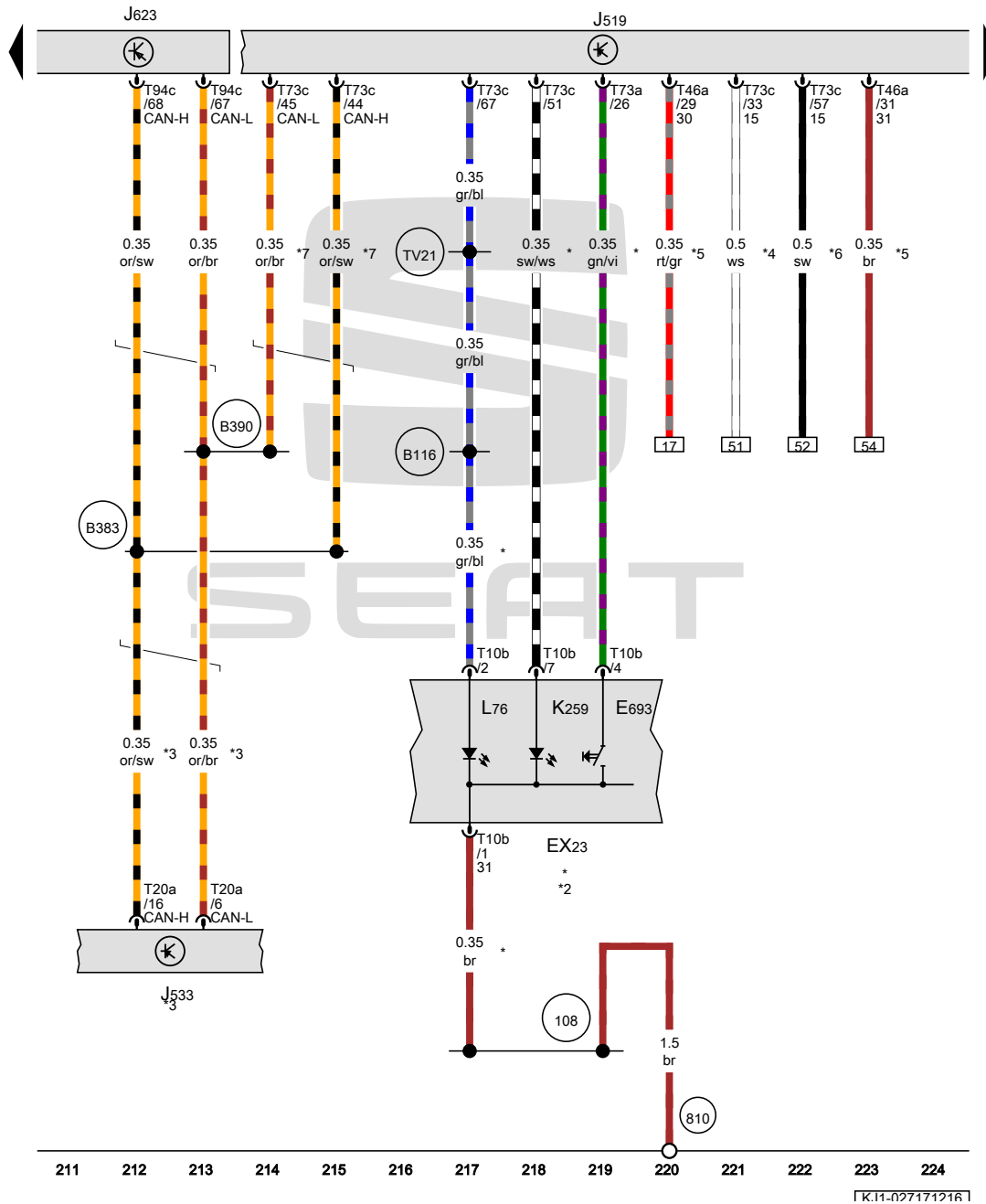
- G40 Hall sender
- G163 Hall sender 2
- J623 Engine/motor control unit
- T6d 6-pin connector
- T60a 60-pin connector
- T94c 94-pin connector
- V465 Charge pressure positioner

- (283) Earth point 2, engine prewiring harness
- (D212) Connection 4 (5V) in engine prewiring harness
- \* Pre-wired component



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- br = brown
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- bl = blue
- gr = grey
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- vi = purple
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- or = orange
- rs = pink



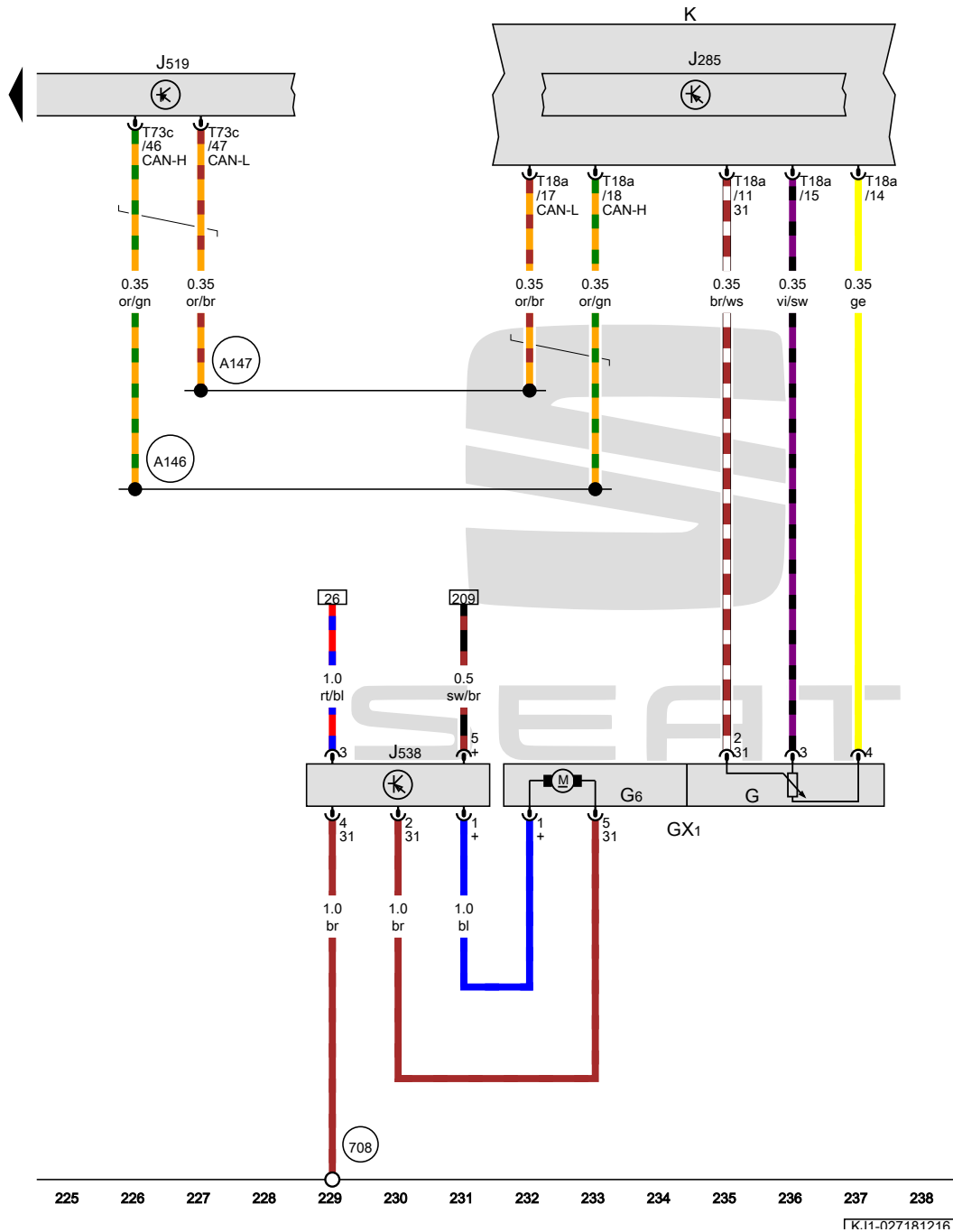


Switch module 1 in centre console, Onboard supply control unit, Data bus diagnostic interface, Engine/motor control unit

- EX23 Switch module 1 in centre console
- E693 Start/Stop operation button
- J519 Onboard supply control unit
- J533 Data bus diagnostic interface
- J623 Engine/motor control unit
- K259 Start/Stop operation warning lamp
- L76 Button illumination bulb
- T10b 10-pin connector
- T20a 20-pin connector
- T46a 46-pin connector
- T73a 73-pin connector
- T73c 73-pin connector
- T94c 94-pin connector

- 108 Earth connection 2, in front left wiring harness
- 810 Earth point on central tube for dash panel, centre left
- B116 Connection (58d), in interior wiring harness
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- TV21 Terminal 58b wiring junction 2
- \* For models with start/stop system
- \*2 see applicable current flow diagram for convenience system
- \*3 For models with separate data bus diagnostic interface
- \*4 For models with "keyless access" locking and starting system
- \*5 For models with no start/stop system
- \*6 For models with no entry and start authorisation
- \*7 For models without separate data bus diagnostic interface

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- ge = yellow
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Fuel delivery unit, Fuel system pressurisation pump, Onboard supply control unit, Fuel pump control unit, Dash panel insert

- G Fuel gauge sender
- GX1 Fuel delivery unit
- G6 Fuel system pressurisation pump
- J285 Control unit in dash panel insert
- J519 Onboard supply control unit
- J538 Fuel pump control unit
- K Dash panel insert
- T18a 18-pin connector
- T73c 73-pin connector

- (708) Earth point 2 on rear right longitudinal member
- (A146) Connection (convenience CAN bus, high), in dash panel wiring harness
- (A147) Connection (convenience CAN bus, low), in dash panel wiring harness

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

[K.11-027181216]