

# 1 Current flow diagram - general information

- ◆ ⇒ [n1.1 ames", page 1](#)
- ◆ ⇒ [1.2 , page 10](#)
- ◆ ⇒ [c1.3 colours", page 12](#)

## 1.1 Signal names

- ◆ ⇒ [n1.1.1 ames, from 2017", page 1](#)
- ◆ ⇒ [n1.1.2 ames - DIN standard 72552", page 5](#)
- ◆ ⇒ [n1.1.3 ames - supplement", page 9](#)

### 1.1.1 Signal names, from 2017



**Note**

These signal names will be used from 2017. You will find the old terminal designations in the chapters ⇒ [n1.1.2 ames - DIN standard 72552", page 5](#) and ⇒ [n1.1.3 ames - supplement", page 9](#)

Signal names	Explanation
(S)	Shield for aerial or video wires
A~	Alternating current phase A
AIR	Air wire
ANT	Aerial wire
ANT-	Aerial wire, negative
ANT+	Aerial wire, positive
B~	Alternating current phase B
C~	Alternating current phase C
CAN-H	CAN bus High
CAN-L	CAN bus Low
CRASH	Crash signal
CTRL	Activation for actuators
CTRL-	Activation, negative (for actuators)
CTRL+	Activation, positive (for actuators)
CTRL1-	Engine/motor activation 1, negative

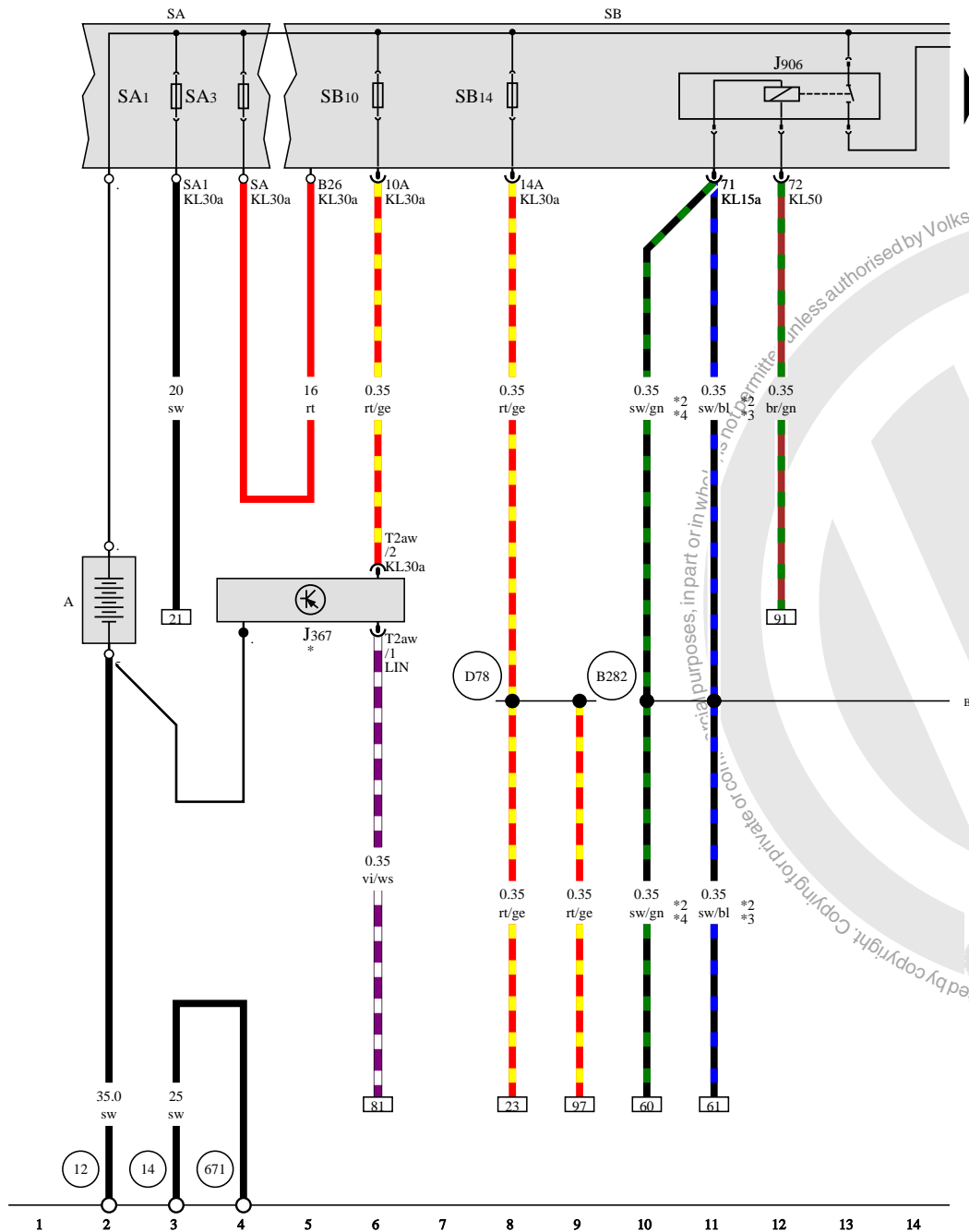
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**Battery, Battery monitor control unit, Fuse holder A, Fuse holder B**

- A Battery
  - J367 Battery monitor control unit
  - J906 Starter relay 1
  - SA Fuse holder A
  - SA1 Fuse 1 on fuse holder A
  - SA3 Fuse 3 on fuse holder A
  - SB Fuse holder B
  - SB10 Fuse 10 on fuse holder B
  - SB14 Fuse 14 on fuse holder B
  - T2aw 2-pin connector, black
- 12 Earth point, on left in engine compartment
  - 14 Earth point, on gearbox
  - 671 Earth point 1, on front of left longitudinal member
  - B282 Positive connection 6 (15a) in main wiring harness
  - D78 Positive connection 1 (30a), in engine compartment wiring harness
- \* For models with start/stop system
  - \*2 According to equipment
  - \*3 Up to November 2017
  - \*4 From November 2017

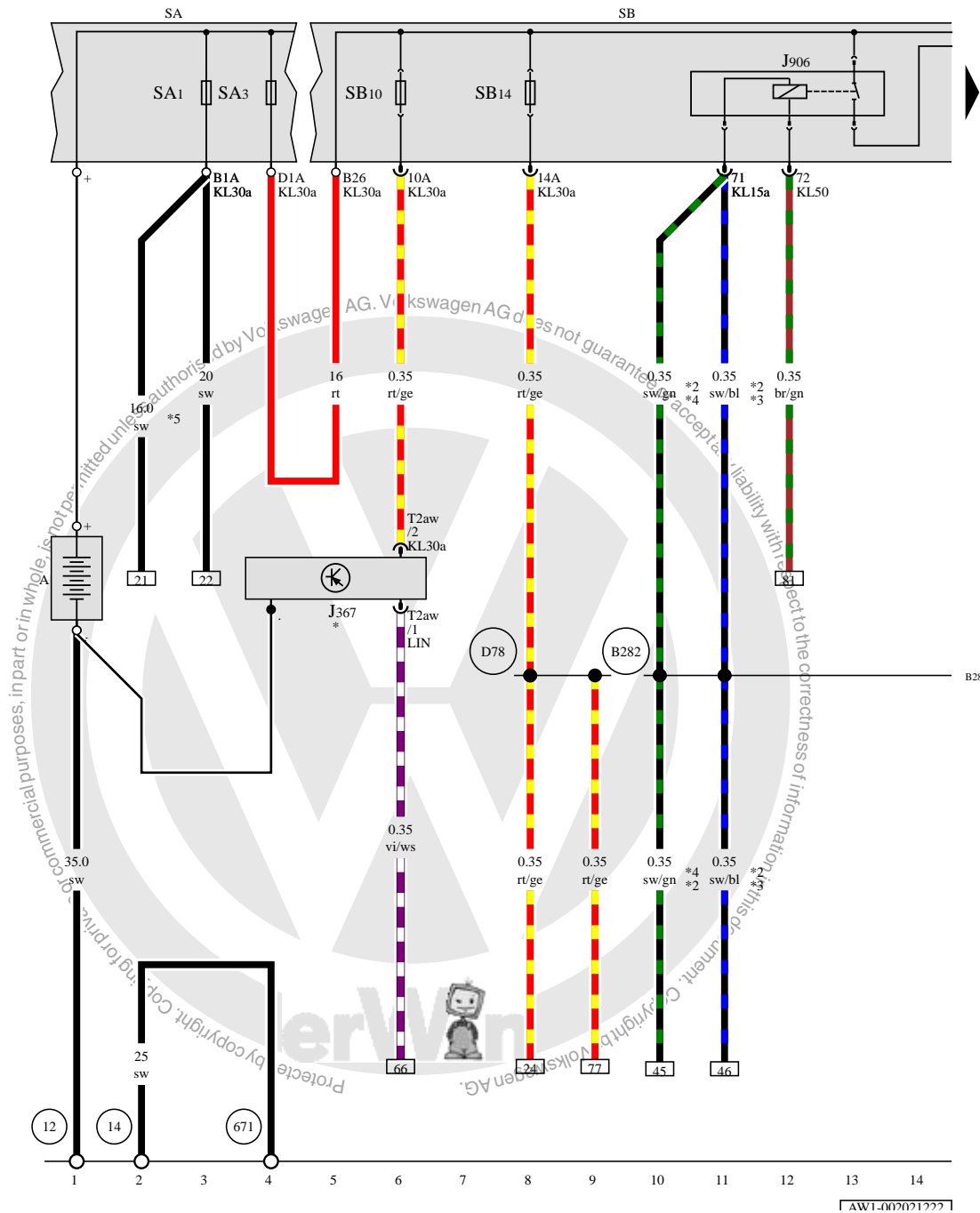
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

**Battery, Battery monitor control unit, Fuse holder A, Fuse holder B**

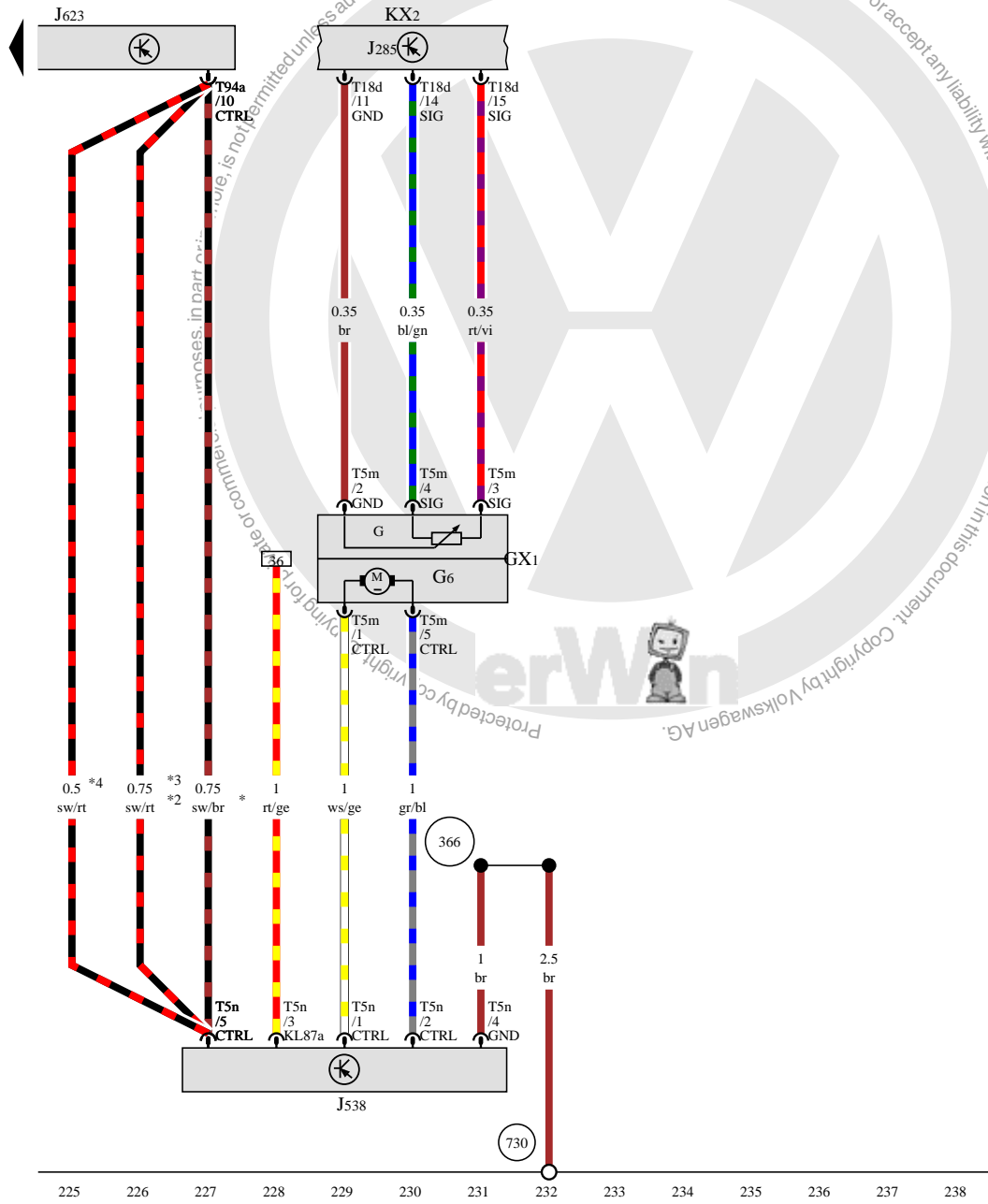
- A Battery
- J367 Battery monitor control unit
- J906 Starter relay 1
- SA Fuse holder A
- SA1 Fuse 1 on fuse holder A
- SA3 Fuse 3 on fuse holder A
- SB Fuse holder B
- SB10 Fuse 10 on fuse holder B
- SB14 Fuse 14 on fuse holder B
- T2aw 2-pin connector, black

- 12 Earth point, on left in engine compartment
- 14 Earth point, on gearbox
- 671 Earth point 1, on front of left longitudinal member
- B282 Positive connection 6 (15a) in main wiring harness
- D78 Positive connection 1 (30a), in engine compartment wiring harness
- \* For models with start/stop system
- \*2 According to equipment
- \*3 Up to November 2017
- \*4 From November 2017
- \*5 From July 2018

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AW1-000012221



Fuel delivery unit, Fuel pump control unit, Engine/motor 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
- J538 Fuel pump control unit
- J623 Engine/motor control unit
- KX2 Dash panel insert
- T5m 5-pin connector, black
- T5n 5-pin connector, black
- T18d 18-pin connector, black
- T94a 94-pin connector, black

366 Earth connection 1, in main wiring harness

730 Earth point 1, on right rear wheel housing

\* Up to July 2018

\*2 From July 2018

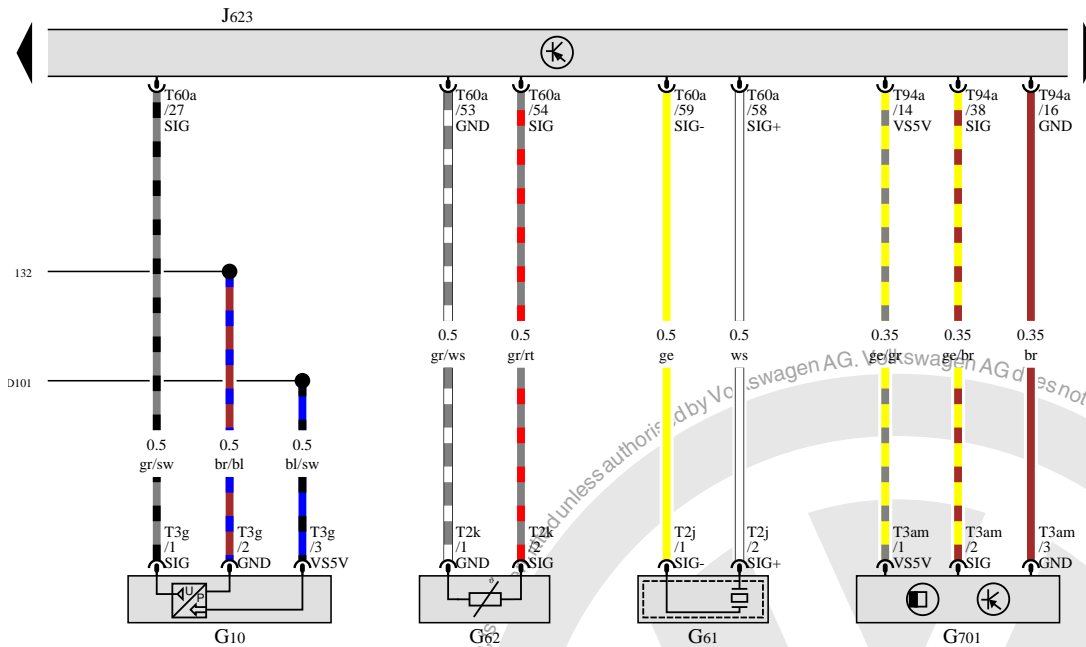
\*3 Up to July 2019

\*4 From July 2019

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225 226 227 228 229 230 231 232 233 234 235 236 237 238

AWT-007181222



Oil pressure sender, Knock sensor 1, Coolant temperature sender, Gearbox neutral position sender, Engine/motor control unit

- G10 Oil pressure sender
- G61 Knock sensor 1
- G62 Coolant temperature sender
- G701 Gearbox neutral position sender
- J623 Engine/motor control unit
- T2j 2-pin connector, black
- T2k 2-pin connector, black
- T3am 3-pin connector, black
- T3g 3-pin connector, black
- T60a 60-pin connector, black
- T94a 94-pin connector, black

- 132 Earth connection 3, in engine compartment wiring harness
- D101 Connection 1 in engine compartment wiring harness

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
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- bl = blue
- gr = grey
- li = purple
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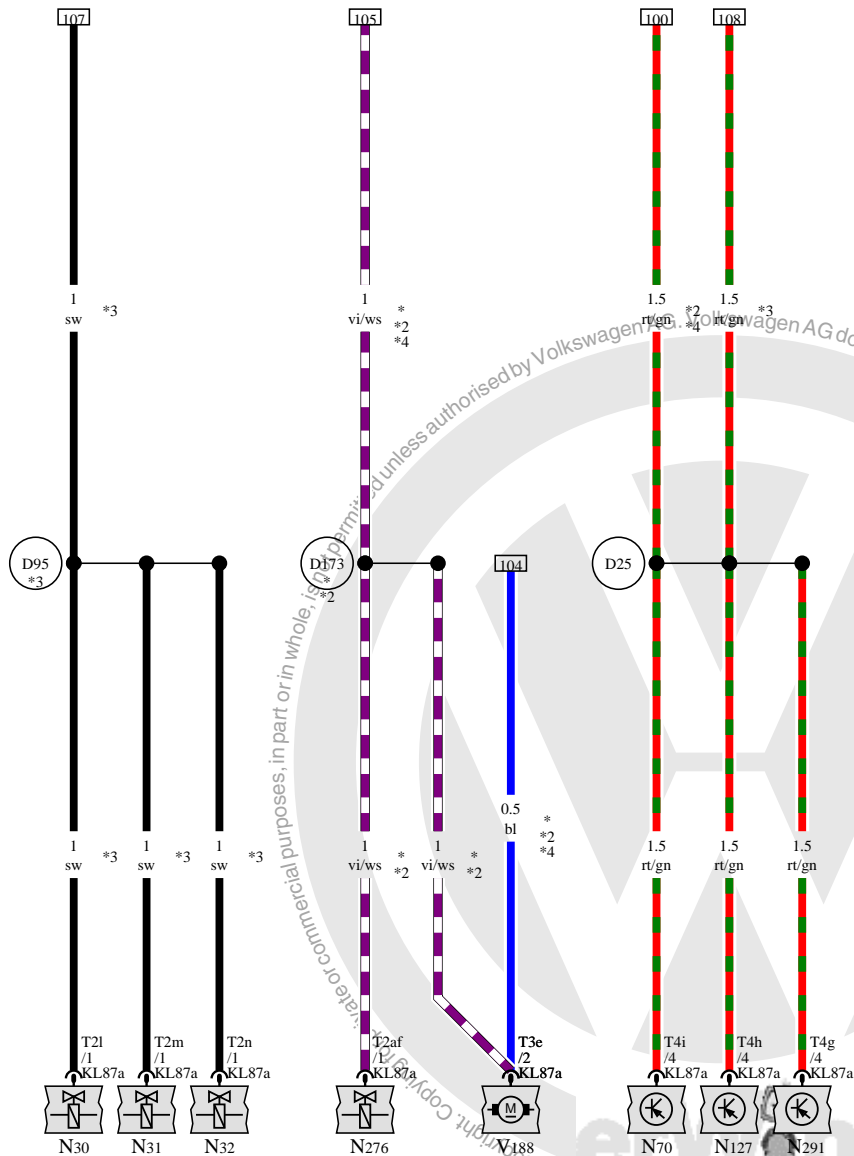
Injector, cylinder 1, Injector, cylinder 2, Injector, cylinder 3, Ignition coil 1 with output stage, Ignition coil 2 with output stage, Fuel pressure regulating valve, Ignition coil 3 with output stage, Charge air cooling pump

- N30 Injector, cylinder 1
- N31 Injector, cylinder 2
- N32 Injector, cylinder 3
- N70 Ignition coil 1 with output stage
- N127 Ignition coil 2 with output stage
- N276 Fuel pressure regulating valve
- N291 Ignition coil 3 with output stage
- T2af 2-pin connector, black
- T2l 2-pin connector, black
- T2m 2-pin connector, black
- T2n 2-pin connector, black
- T3e 3-pin connector, black
- T4g 4-pin connector, black
- T4h 4-pin connector, black
- T4i 4-pin connector, black
- V188 Charge air cooling pump

- D25 Positive connection (15), in engine prewiring harness
- D95 Connection (injectors), in engine compartment wiring harness
- D173 Connection (87), in engine prewiring harness

- \* According to equipment
- \*2 For petrol engine with forced induction
- \*3 For petrol engine with no forced induction
- \*4 see applicable current flow diagram for engine

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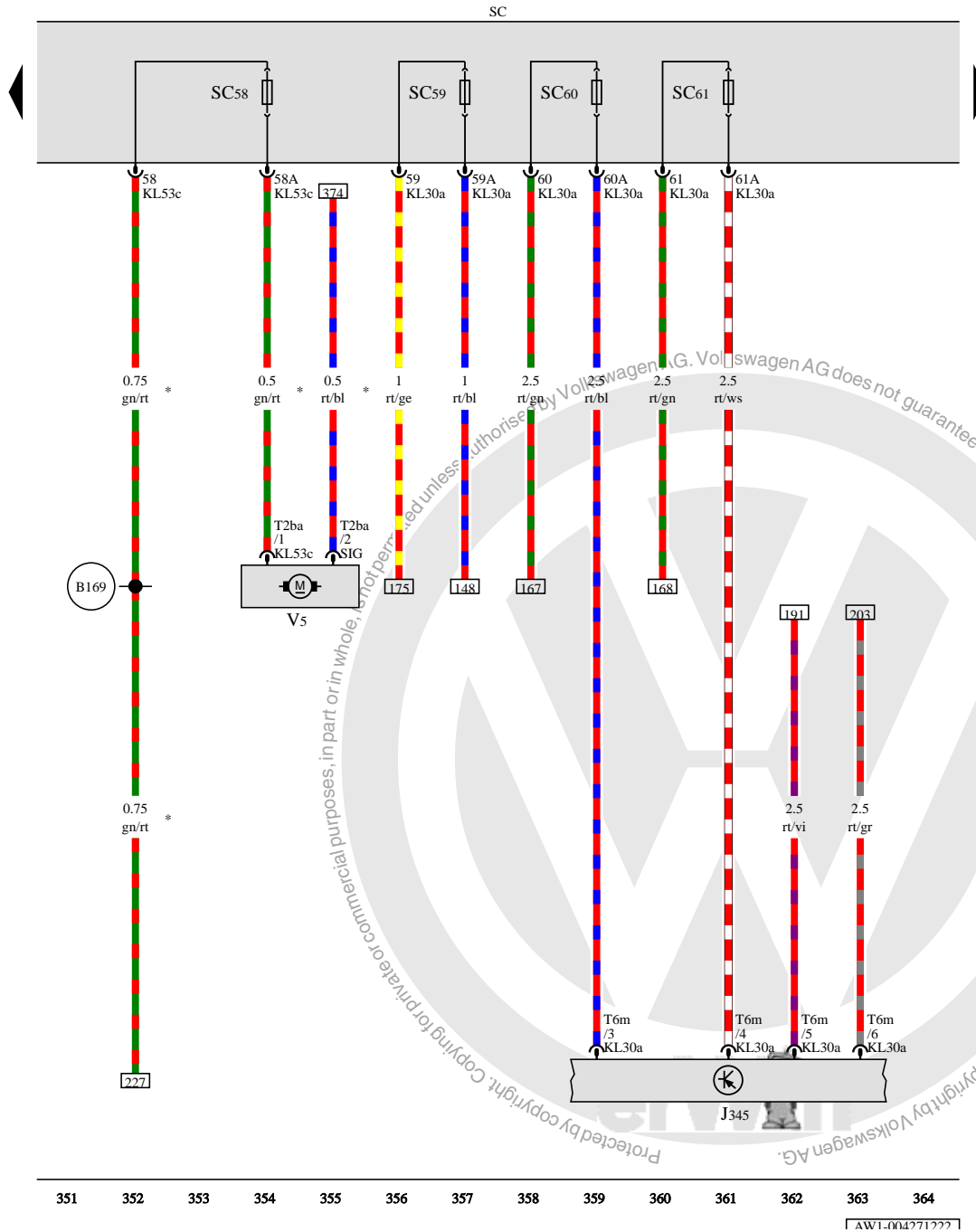
127 128 129 130 131 132 133 134 135 136 137 138 139 140

AW1-0041112221

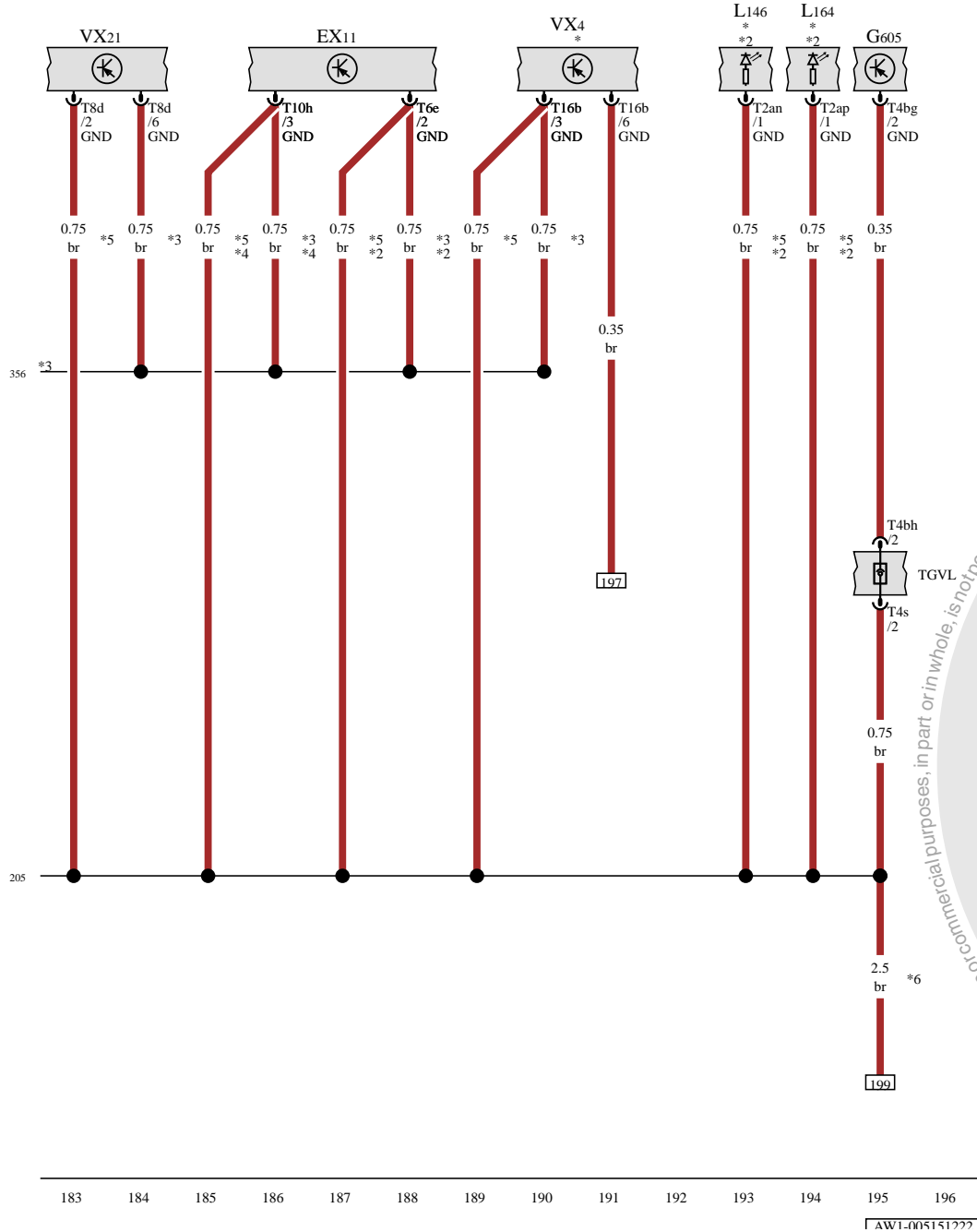
Trailer detector control unit, Fuse holder C, Washer pump

- J345 Trailer detector control unit
- SC Fuse holder C
- SC58 Fuse 58 on fuse holder C
- SC59 Fuse 59 on fuse holder C
- SC60 Fuse 60 on fuse holder C
- SC61 Fuse 61 on fuse holder C
- T2ba 2-pin connector, black
- T6m 6-pin connector, black
- V5 Washer pump

- B169 Positive connection 1 (30), in interior wiring harness
- \* For models without separate data bus diagnostic interface



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Exterior mirror adjuster, Contact sensor for front left exterior door handle, Driver side interior door handle illumination bulb, Driver door background lighting bulb, Driver side exterior mirror, Driver door lock unit

- EX11 Exterior mirror adjuster
- G605 Contact sensor for front left exterior door handle
- L146 Driver side interior door handle illumination bulb
- L164 Driver door background lighting bulb
- T2an 2-pin connector, green
- T2ap 2-pin connector, black
- T4bg 4-pin connector, black
- T4bh 4-pin connector, black
- T4s 4-pin connector, black
- T6e 6-pin connector, brown
- T8d 8-pin connector, black
- T10h 10-pin connector, black
- T16b 16-pin connector, black
- TGVL Coupling point on front left exterior door handle
- VX4 Driver side exterior mirror
- VX21 Driver door lock unit

205 Earth connection, in driver door wiring harness

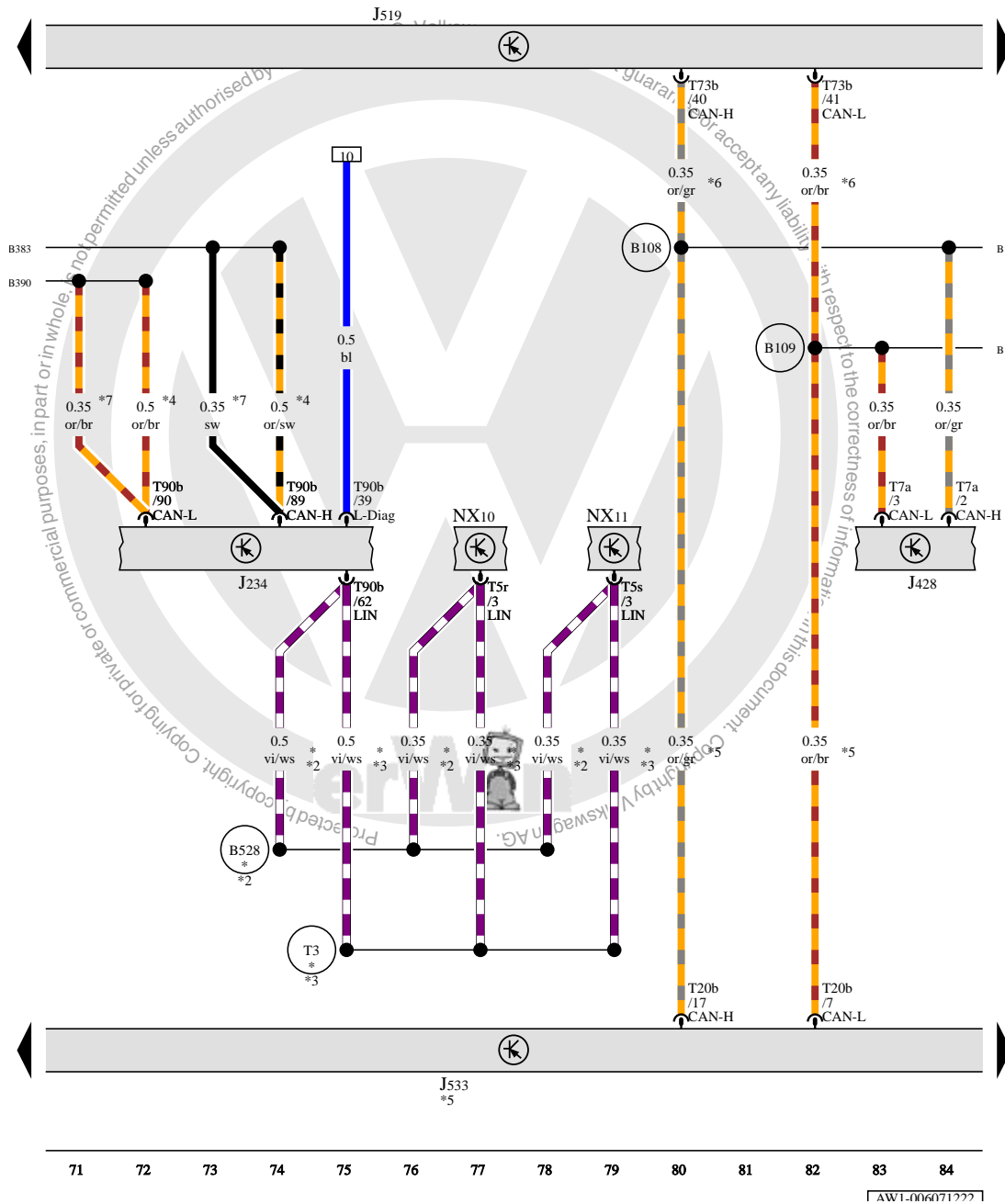
356 Earth connection (CL), in door wiring harness

- \* Pre-wired component
- \*2 For models with background lighting
- \*3 For right-hand drive models
- \*4 For models with no background lighting
- \*5 For left-hand drive models
- \*6 For models with entry and start authorisation

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

AW1-005151222



Airbag control unit, Adaptive cruise control unit, Onboard supply control unit, Data bus diagnostic interface, Front left seat belt, Front right seat belt

- J234 Airbag control unit
- J428 Adaptive cruise control unit
- J519 Onboard supply control unit
- J533 Data bus diagnostic interface
- NX10 Front left seat belt
- NX11 Front right seat belt
- T5r 5-pin connector, colourless
- T5s 5-pin connector, colourless
- T7a 7-pin connector, black
- T20b 20-pin connector, red
- T73b 73-pin connector, black
- T90b 90-pin connector, yellow

- (B108) Connection 1 (CAN bus extended high), in main wiring harness
- (B109) Connection 1 (CAN bus extended low), in main wiring harness
- (B383) Connection 1 (powertrain CAN bus, high), in main wiring harness
- (B390) Connection 1 (powertrain CAN bus, low), in main wiring harness
- (B528) Connection 1 (LIN bus) in main wiring harness
- (T3) Connection, in airbag wiring harness
- \* According to equipment
- \*2 For left-hand drive models
- \*3 For right-hand drive models
- \*4 Up to November 2019
- \*5 For models with separate data bus diagnostic interface
- \*6 For models without separate data bus diagnostic interface
- \*7 From November 2019

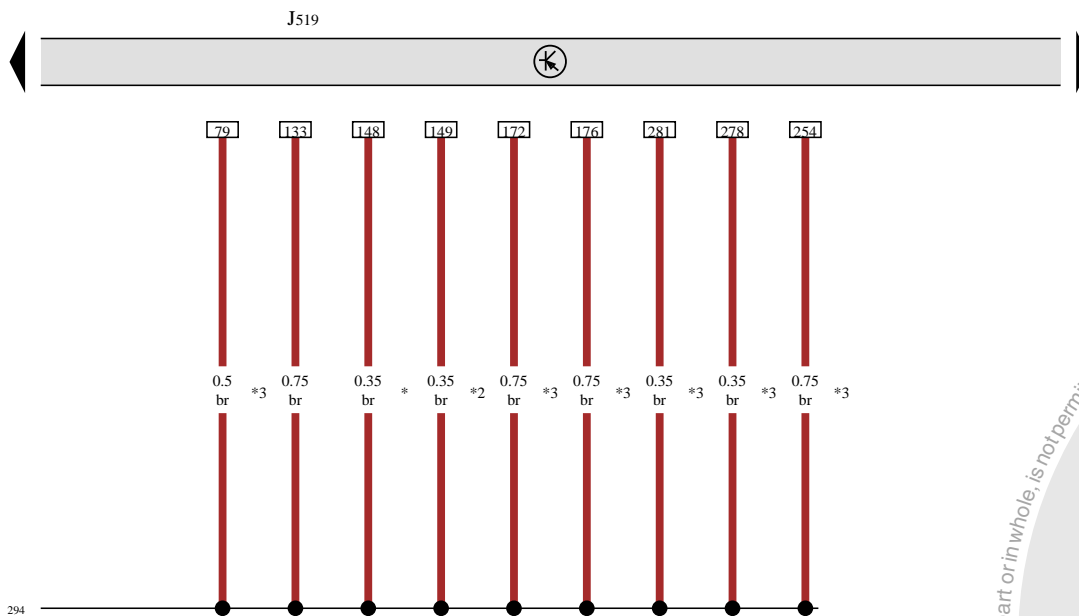
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
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Onboard supply control unit

J519 Onboard supply control unit

294 Earth connection 9, in interior wiring harness

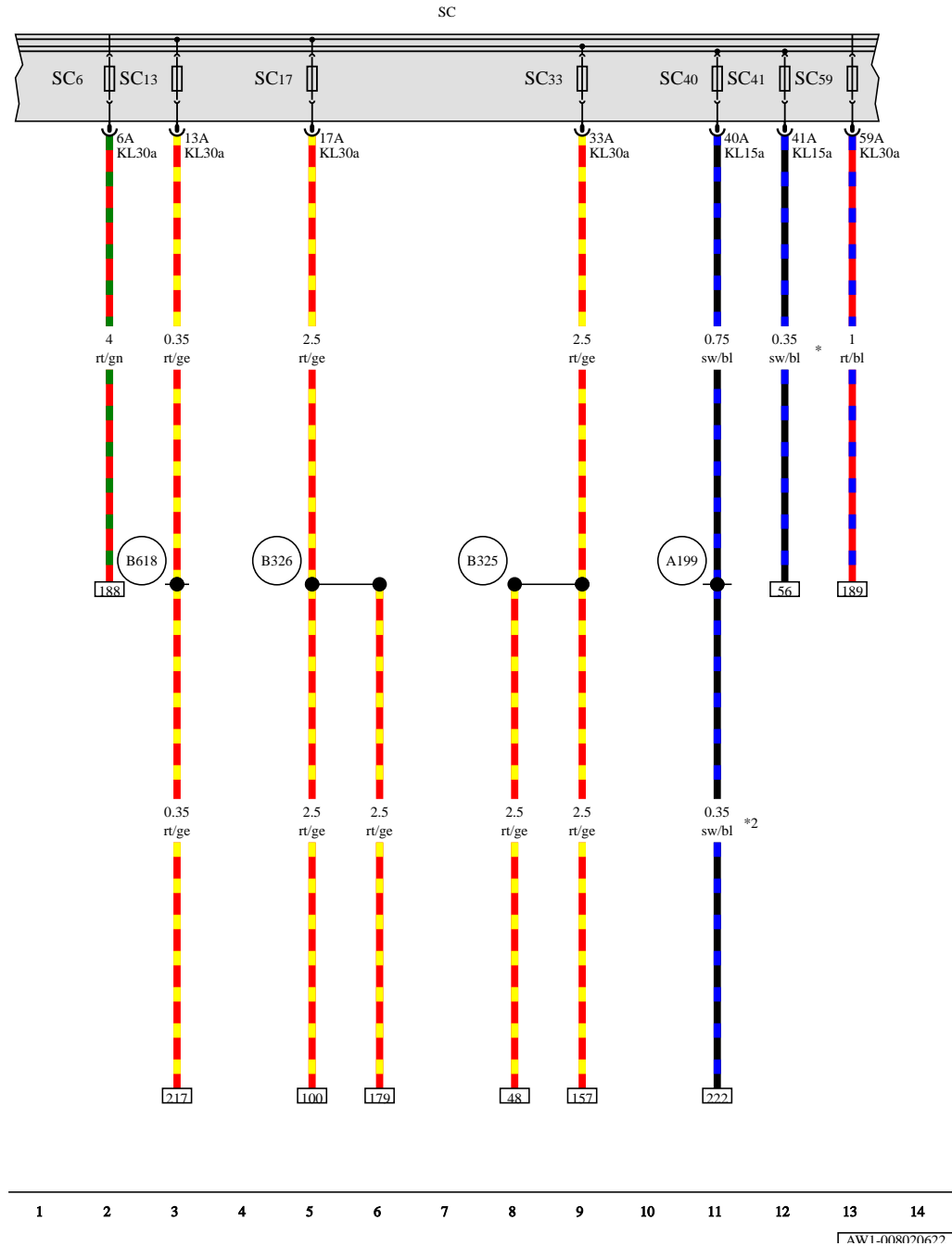
- \* For models with reading lights
- \*2 For models with no reading lights
- \*3 For left-hand drive models



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- gr = grey
- li = purple
- vi = purple
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113 114 115 116 117 118 119 120 121 122 123 124 125 126

[AW1-007100622]



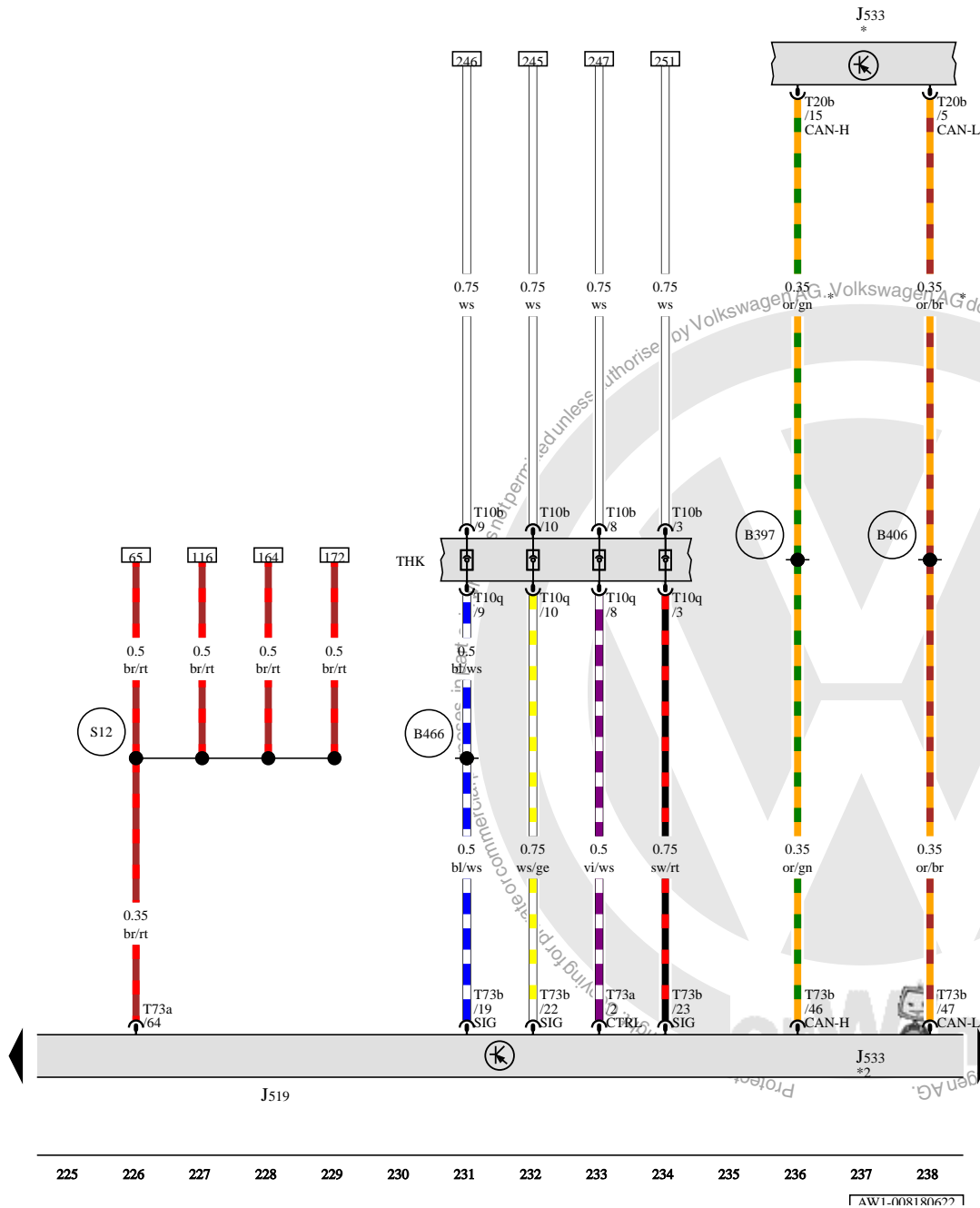
Fuse holder C

- SC Fuse holder C
- SC6 Fuse 6 on fuse holder C
- SC13 Fuse 13 on fuse holder C
- SC17 Fuse 17 on fuse holder C
- SC33 Fuse 33 on fuse holder C
- SC40 Fuse 40 on fuse holder C
- SC41 Fuse 41 on fuse holder C
- SC59 Fuse 59 on fuse holder C

- A199 Positive connection 4 (15a) in dash panel wiring harness
- B325 Positive connection 11 (30a) in main wiring harness
- B326 Positive connection 12 (30a) in main wiring harness
- B618 Positive connection 13 (30a) in interior wiring harness
- \* For models with no background lighting
- \*2 For models with automatic anti-dazzle interior mirror

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- sw = black
- ro = red
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- gr = grey
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- ge = yellow
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Onboard supply control unit, Data bus diagnostic interface



- J519 Onboard supply control unit
- J533 Data bus diagnostic interface
- T10b 10-pin connector, black
- T10q 10-pin connector, black
- T20b 20-pin connector, red
- T73a 73-pin connector, black
- T73b 73-pin connector, black
- THK Coupling point for rear lid

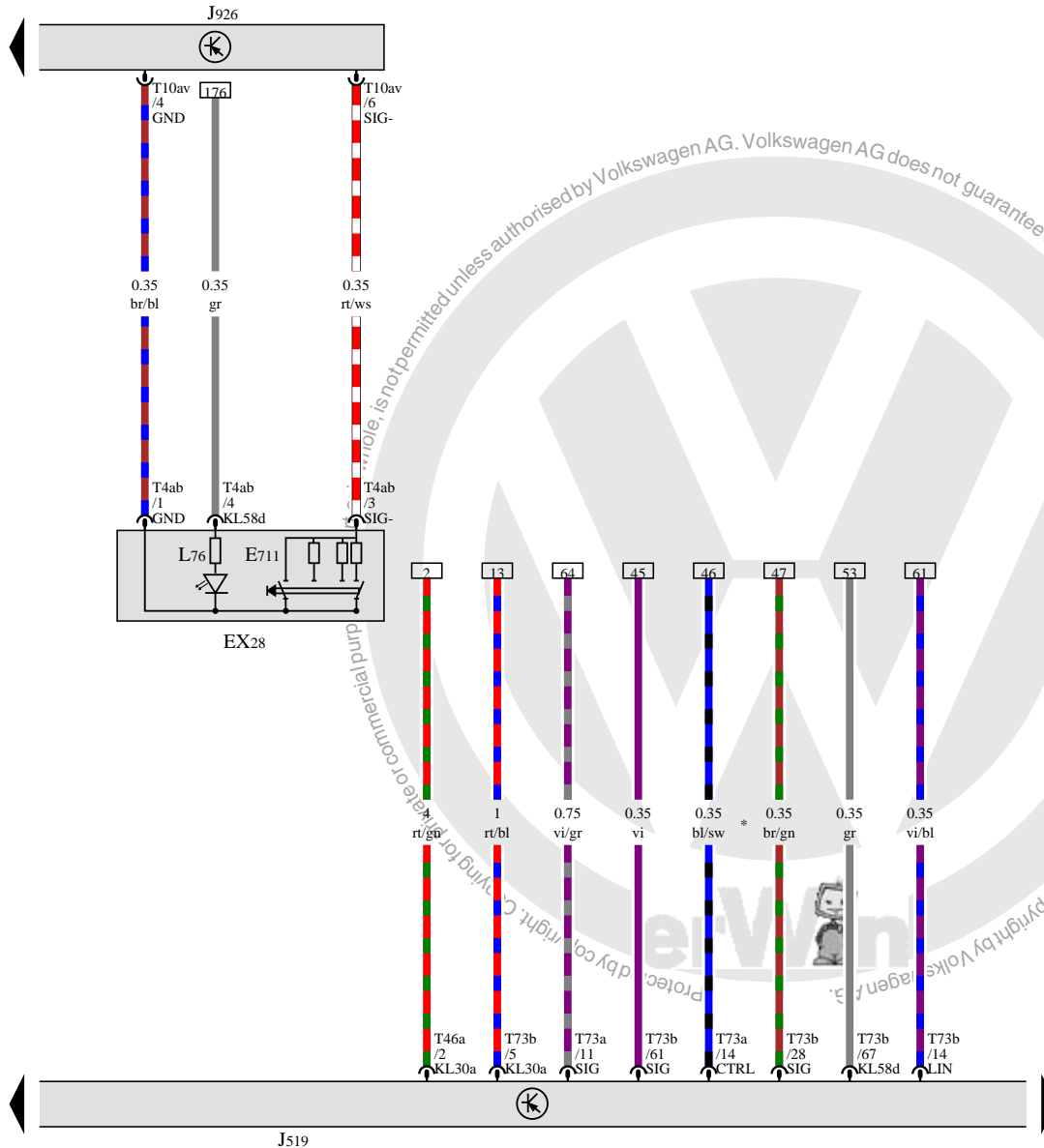
- (B397) Connection 1 (convenience CAN bus, high), in main wiring harness
- (B406) Connection 1 (convenience CAN bus, low), in main wiring harness
- (B466) Connection 2, in main wiring harness
- (S12) Connection (SAFE 1), in central locking wiring harness

\* For models with separate data bus diagnostic interface  
 \*2 For models without separate data bus diagnostic interface

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Operating unit for window regulator in rear right door, Rear driver side window regulator button, Onboard supply control unit, Rear driver side door control unit, Button illumination bulb

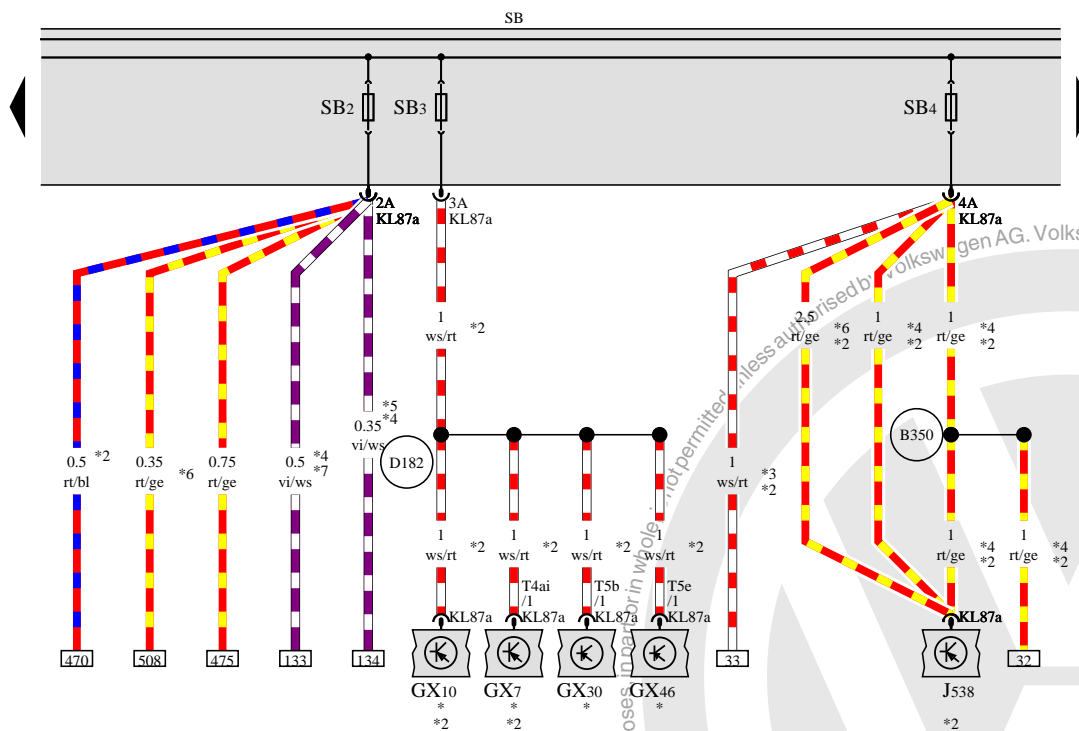
- EX28 Operating unit for window regulator in rear right door
- E711 Rear driver side window regulator button
- J519 Onboard supply control unit
- J926 Rear driver side door control unit
- L76 Button illumination bulb
- T4ab 4-pin connector, black
- T10av 10-pin connector, black
- T46a 46-pin connector, brown
- T73a 73-pin connector, black
- T73b 73-pin connector, black
- \* For models with no background lighting



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

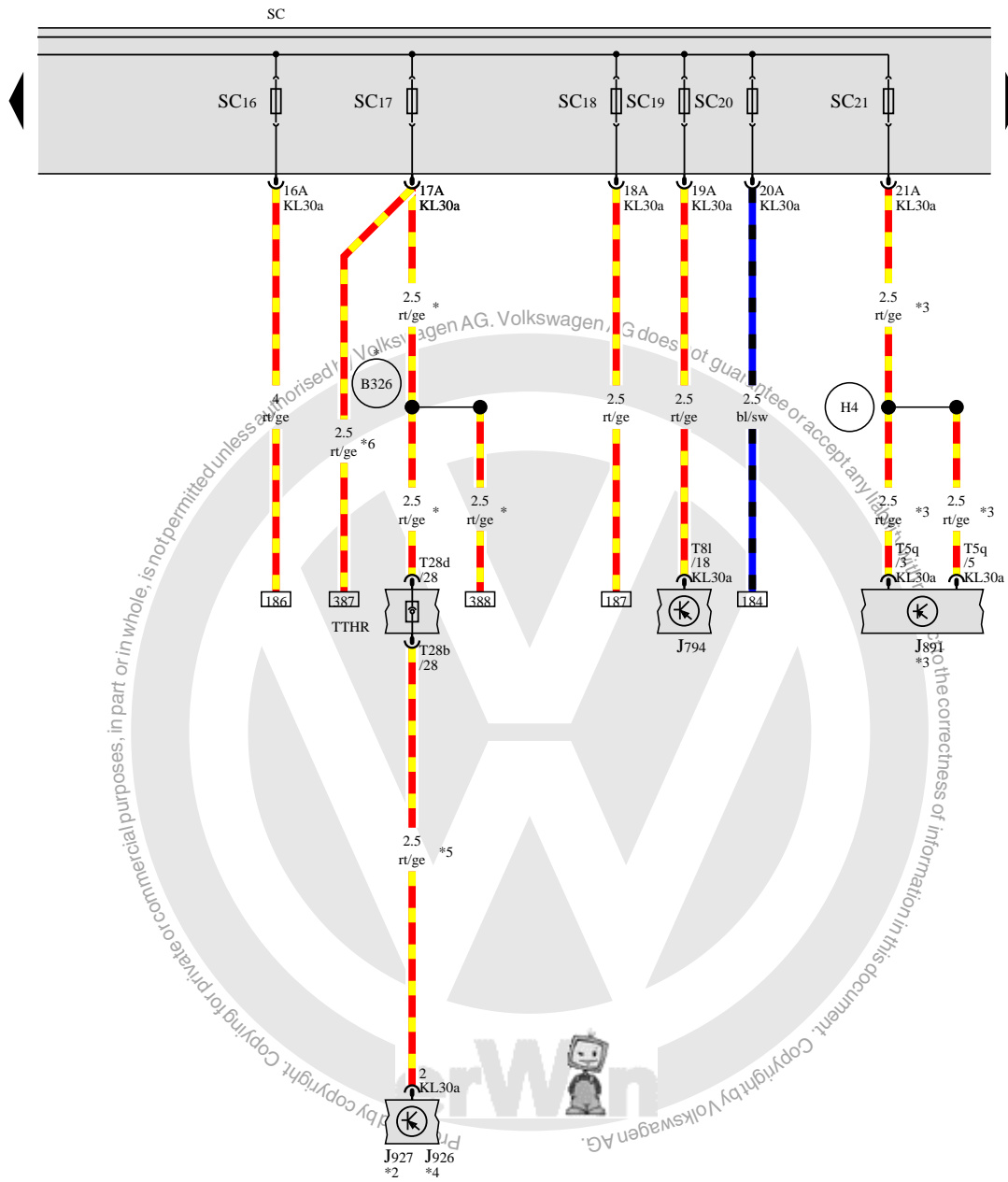
[AWT-009150677]



Lambda probe 1 after catalytic converter, Lambda probe 1 before catalytic converter, Control unit for NOx sender, Control unit 2 for NOx sender, Fuel pump control unit, Fuse holder B

- GX7 Lambda probe 1 after catalytic converter
- GX10 Lambda probe 1 before catalytic converter
- GX30 Control unit for NOx sender
- GX46 Control unit 2 for NOx sender
- J538 Fuel pump control unit
- SB Fuse holder B
- SB2 Fuse 2 on fuse holder B
- SB3 Fuse 3 on fuse holder B
- SB4 Fuse 4 on fuse holder B
- T4ai 4-pin connector, black
- T5b 5-pin connector, black
- T5e 5-pin connector, black
- B350 Positive connection 1 (87a) in main wiring harness
- D182 Connection 3 (87a), in engine compartment wiring harness
- \* Pre-wired component
- \*2 see applicable current flow diagram for engine
- \*3 For petrol engine with no forced induction
- \*4 For petrol engine with forced induction
- \*5 Up to June 2021
- \*6 For models with diesel engine
- \*7 From June 2021

- ws = white
- sw = black
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- rt = red
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- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
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Control unit 1 for information electronics, Control unit for reducing agent heater, Rear driver side door control unit, Rear passenger side door control unit, Fuse holder C

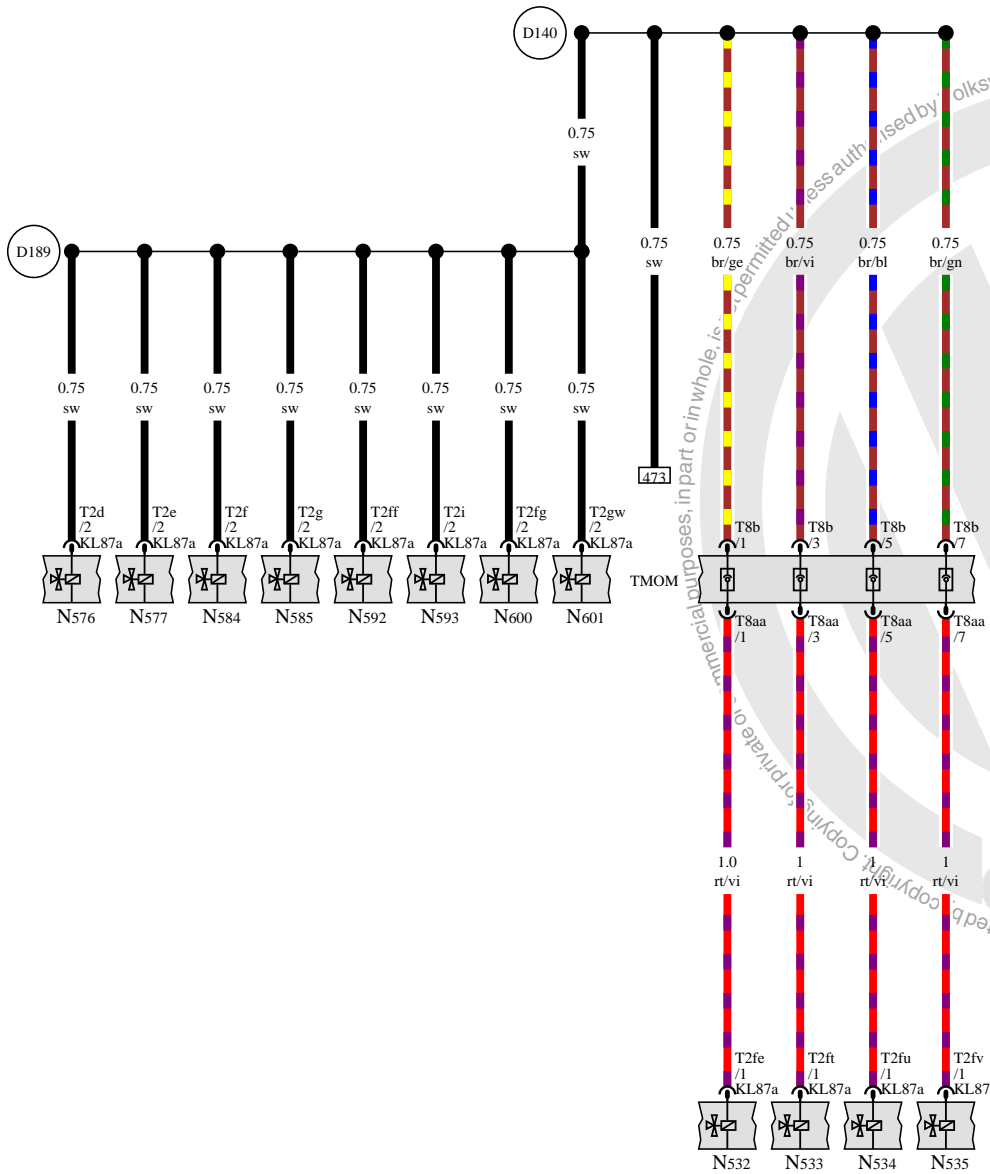
- J794 Control unit 1 for information electronics
- J891 Control unit for reducing agent heater
- J926 Rear driver side door control unit
- J927 Rear passenger side door control unit
- SC Fuse holder C
- SC16 Fuse 16 on fuse holder C
- SC17 Fuse 17 on fuse holder C
- SC18 Fuse 18 on fuse holder C
- SC19 Fuse 19 on fuse holder C
- SC20 Fuse 20 on fuse holder C
- SC21 Fuse 21 on fuse holder C
- T5q 5-pin connector, colourless
- T81 8-pin connector, black
- T28b 28-pin connector, black
- T28d 28-pin connector, grey
- TTHR Coupling point for rear right door

B326 Positive connection 12 (30a) in main wiring harness

H4 Connection 2 in wiring harness for reducing agent tank

- \* For models with front and rear door window regulators
- \*2 For left-hand drive models
- \*3 see applicable current flow diagram for engine
- \*4 For right-hand drive models
- \*5 see applicable current flow diagram for convenience system
- \*6 For models with front window regulators

- ws = white
- sw = black
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- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
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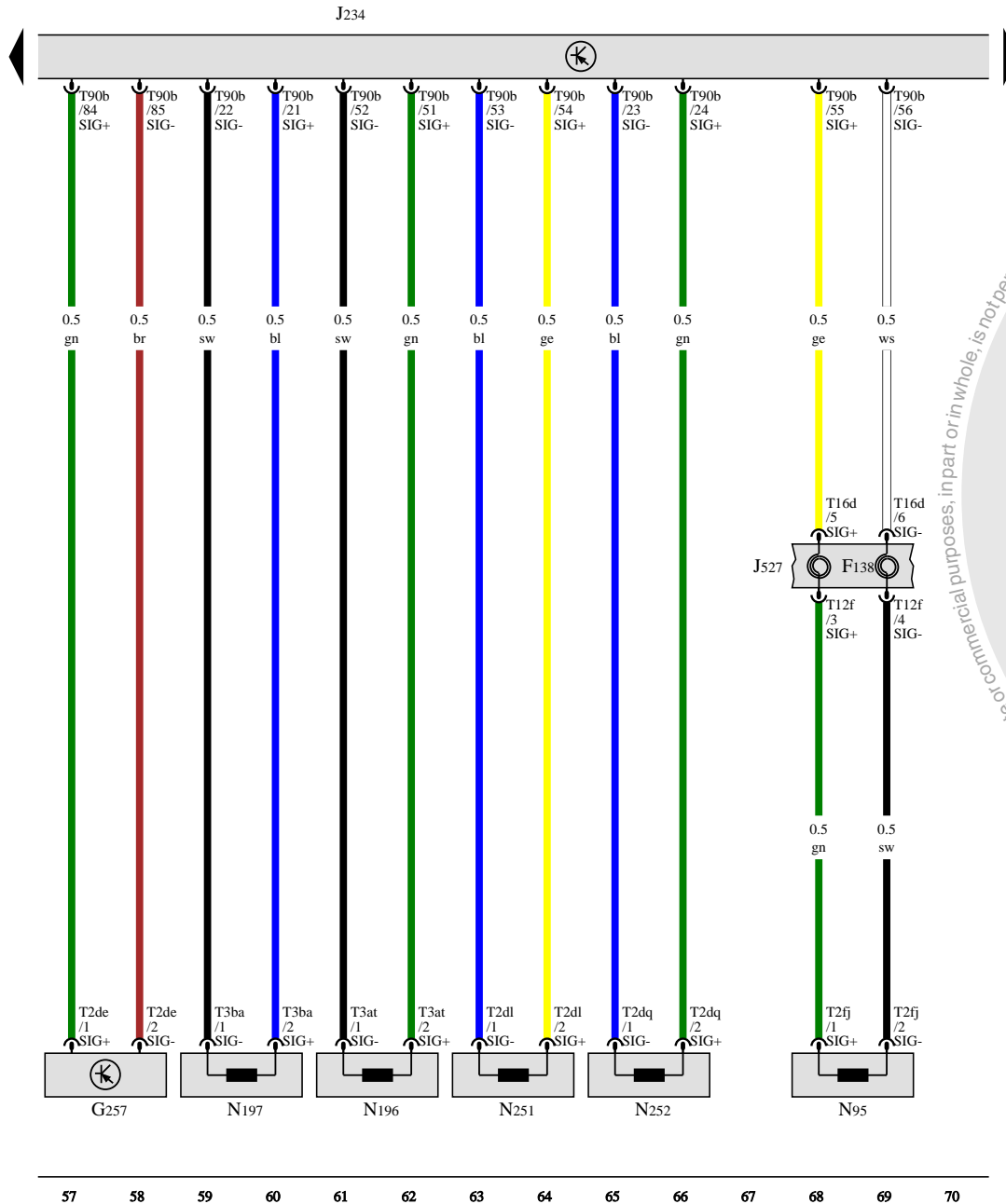
Injector 2, cylinder 1, Injector 2, cylinder 2, Injector 2, cylinder 3, Injector 2, cylinder 4, Inlet cam actuator A for cylinder 1, Inlet cam actuator B for cylinder 1, Inlet cam actuator A for cylinder 2, Inlet cam actuator B for cylinder 2, Inlet cam actuator A for cylinder 3, Inlet cam actuator B for cylinder 3, Inlet cam actuator A for cylinder 4, Inlet cam actuator B for cylinder 4, Coupling point on engine, top centre

- N532 Injector 2, cylinder 1
- N533 Injector 2, cylinder 2
- N534 Injector 2, cylinder 3
- N535 Injector 2, cylinder 4
- N576 Inlet cam actuator A for cylinder 1
- N577 Inlet cam actuator B for cylinder 1
- N584 Inlet cam actuator A for cylinder 2
- N585 Inlet cam actuator B for cylinder 2
- N592 Inlet cam actuator A for cylinder 3
- N593 Inlet cam actuator B for cylinder 3
- N600 Inlet cam actuator A for cylinder 4
- N601 Inlet cam actuator B for cylinder 4
- T2d 2-pin connector, black
- T2e 2-pin connector, black
- T2f 2-pin connector, black
- T2fe 2-pin connector, black
- T2ff 2-pin connector, black
- T2fg 2-pin connector, black
- T2ft 2-pin connector, black
- T2fu 2-pin connector, black
- T2fv 2-pin connector, black
- T2g 2-pin connector, black
- T2gw 2-pin connector, black
- T2i 2-pin connector, black
- T8aa 8-pin connector, black
- T8b 8-pin connector, black
- TMOM Coupling point on engine, top centre

D140 Connection (injectors), in engine prewiring harness

D189 Connection (87a) in engine prewiring harness

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- gr = grey
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- vi = purple
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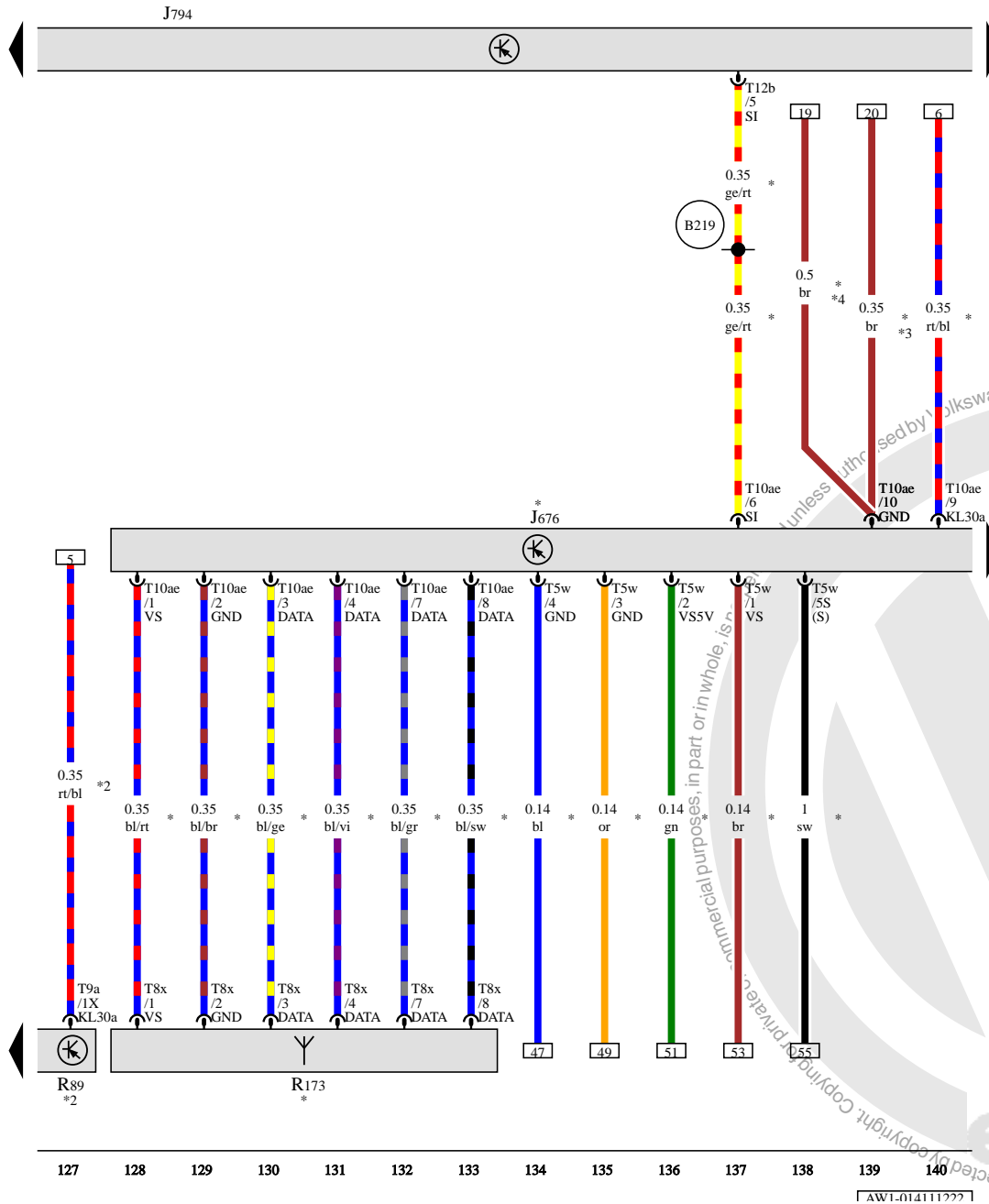
Rear side airbag crash sensor on passenger side, Airbag control unit, Airbag igniter on driver side, Rear belt tensioner igniter on driver side, Rear belt tensioner igniter on passenger side, Driver side curtain airbag igniter, Front passenger side curtain airbag igniter

- F138 Airbag coil connector and return ring with slip ring
- G257 Rear side airbag crash sensor on passenger side
- J234 Airbag control unit
- J527 Steering column electronics control unit
- N95 Airbag igniter on driver side
- N196 Rear belt tensioner igniter on driver side
- N197 Rear belt tensioner igniter on passenger side
- N251 Driver side curtain airbag igniter
- N252 Front passenger side curtain airbag igniter
- T2de 2-pin connector, yellow
- T2dl 2-pin connector, yellow
- T2dq 2-pin connector, yellow
- T2fj 2-pin connector, yellow
- T3at 3-pin connector, yellow
- T3ba 3-pin connector, yellow
- T12f 12-pin connector, white
- T16d 16-pin connector, black
- T90b 90-pin connector, yellow

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Chip card reader control unit, Control unit 1 for information electronics, CD player, Traffic data aerial

- J676 Chip card reader control unit
- J794 Control unit 1 for information electronics
- R89 CD player
- R173 Traffic data aerial
- T5w 5-pin connector, brown
- T8x 8-pin connector, black
- T9a 9-pin connector, black
- T10ae 10-pin connector, black
- T12b 12-pin connector, grey
- B219 Positive connection 4 (30a), in interior wiring harness
- \* For models with equipment for Japan
- \*2 According to equipment
- \*3 Up to July 2018
- \*4 From July 2018



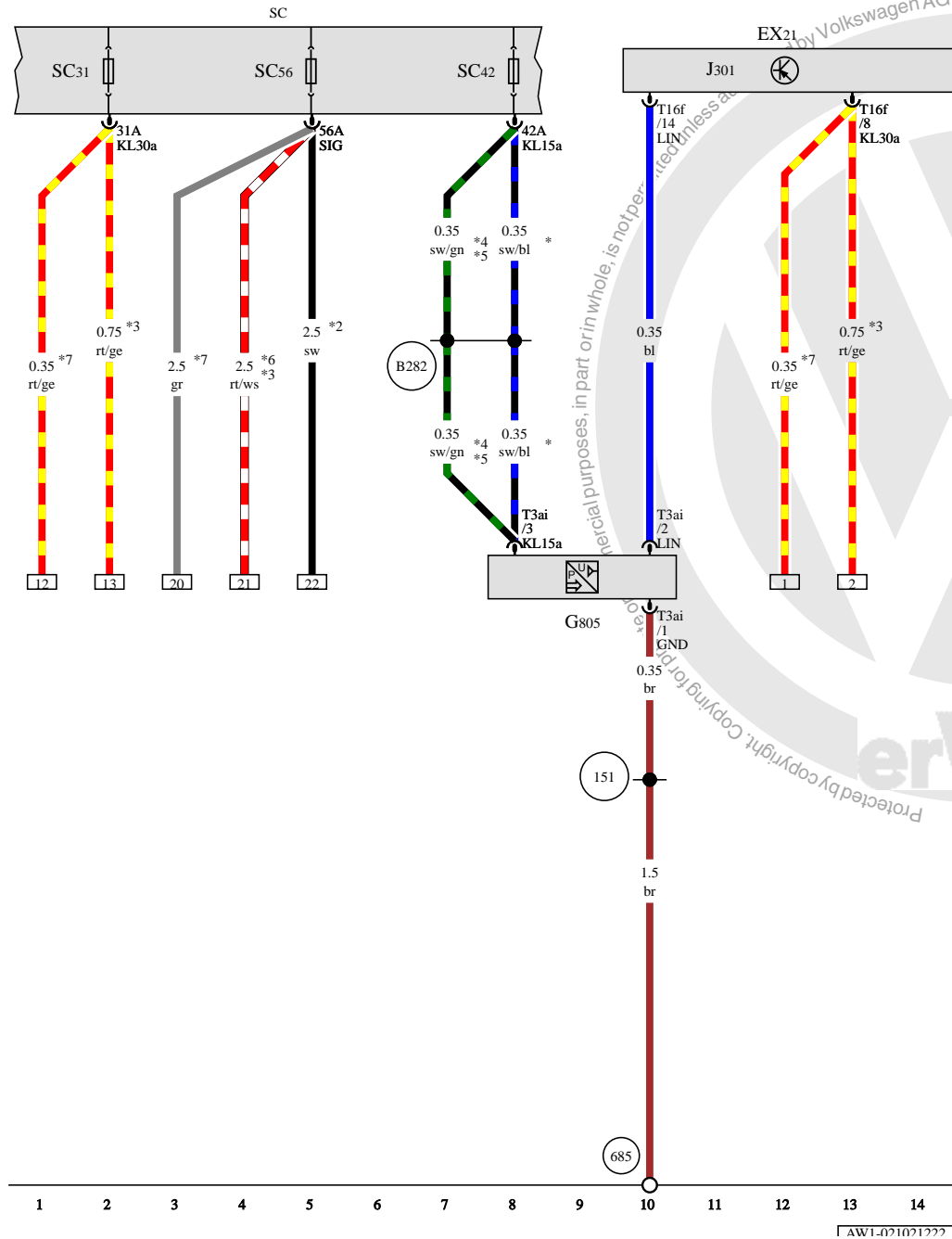
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- or = orange
- Ts = pink

[AWT.014111222]

# Adaptive chassis control DCC, (2H4)

From June 2017





Heater and air conditioning controls, Pressure sender for refrigerant circuit, Air conditioning system control unit, Fuse holder C

- EX21 Heater and air conditioning controls
- G805 Pressure sender for refrigerant circuit
- J301 Air conditioning system control unit
- SC Fuse holder C
- SC31 Fuse 31 on fuse holder C
- SC42 Fuse 42 on fuse holder C
- SC56 Fuse 56 on fuse holder C
- T3ai 3-pin connector, black
- T16f 16-pin connector, black

- 151 Earth connection 1, in front wiring harness
- 685 Earth point 1 on front of right longitudinal member
- B282 Positive connection 6 (15a) in main wiring harness
- \* According to equipment
- \*2 Up to June 2021
- \*3 Up to November 2022
- \*4 For left-hand drive models
- \*5 From November 2017
- \*6 From June 2021
- \*7 From November 2022

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Multifunction steering wheel , (1XX),(2FB),(2FS),(2FW),(2PK),(2PU),(2ZH),(2ZA)

From June 2017



# Trailer coupling , (1D2)

From June 2017



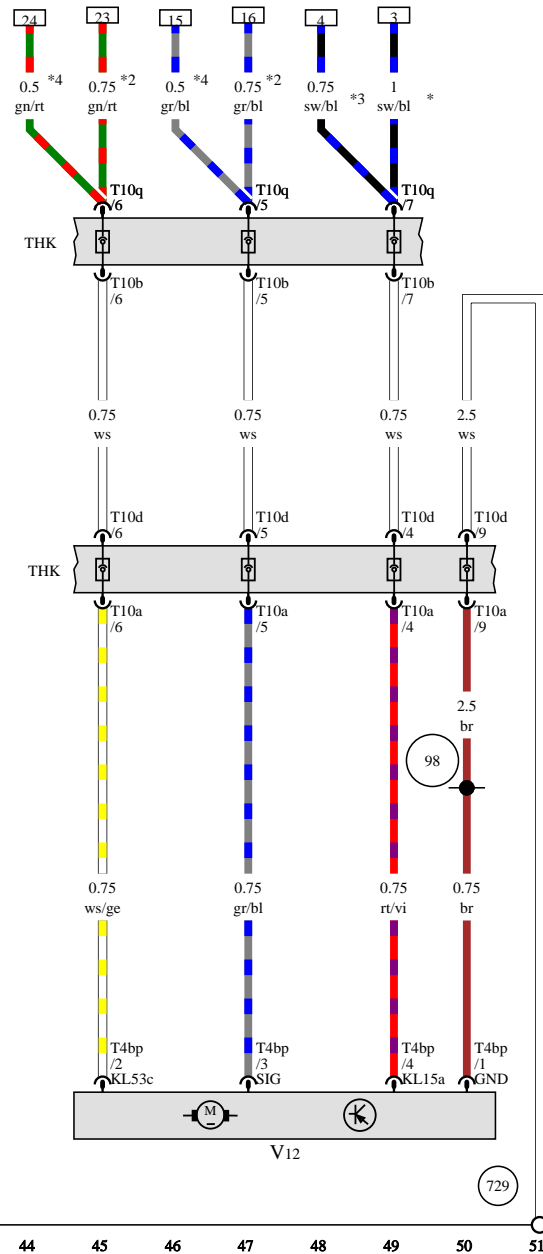
Rear window wiper motor

- T4bp 4-pin connector, black
- T10a 10-pin connector, black
- T10b 10-pin connector, black
- T10d 10-pin connector, black
- T10q 10-pin connector, black
- THK Coupling point for rear lid
- V12 Rear window wiper motor

98 Earth connection, in rear lid wiring harness

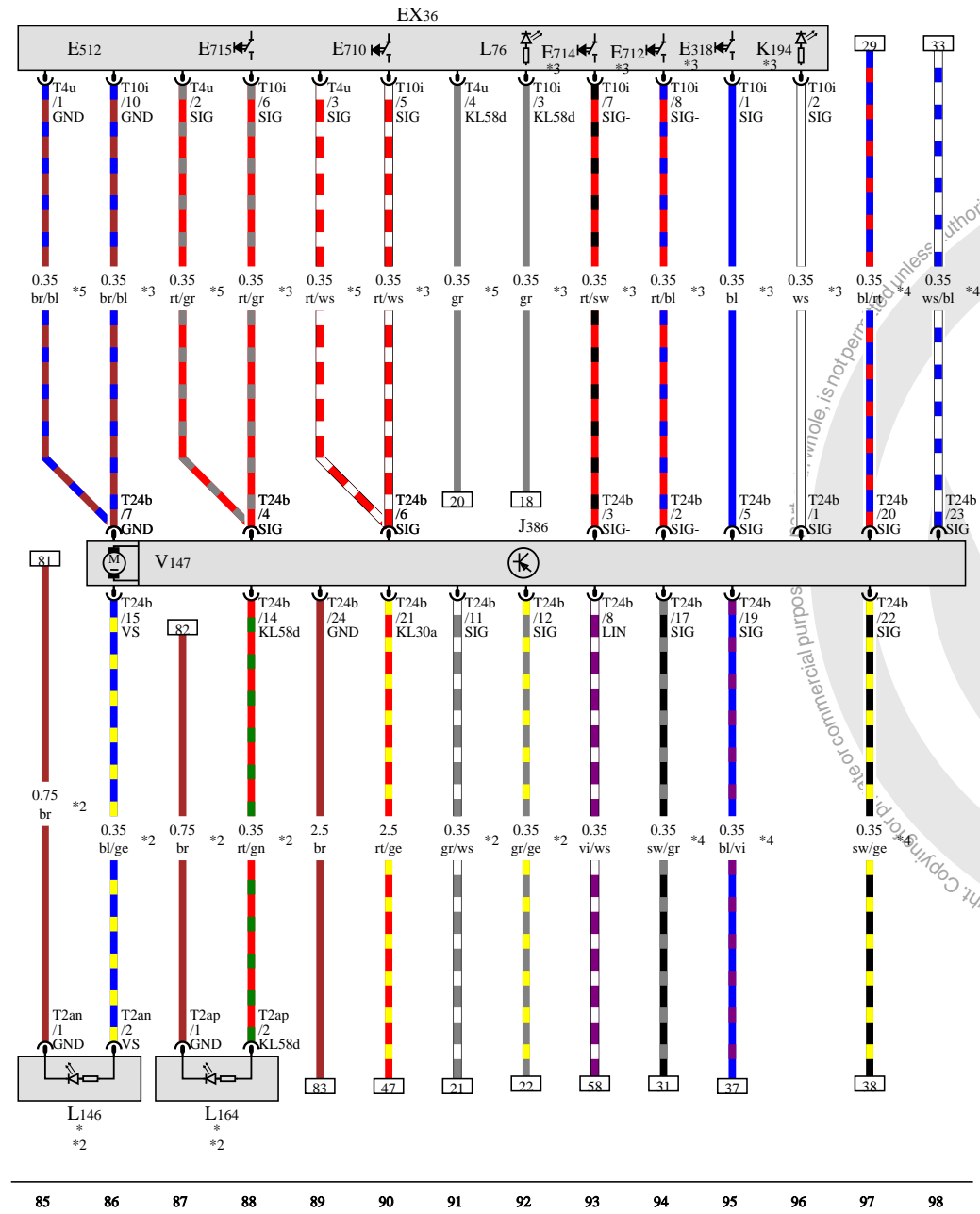
729 Earth point, on left rear wheel housing

- \* Up to July 2018
- \*2 Up to November 2022
- \*3 From July 2018
- \*4 From November 2022



- 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

AW1-030051222



Operating unit for window regulator in driver door, Childproof lock button, Operating unit for window regulator in driver door, Front driver side window regulator button, Rear driver side window regulator button, in driver door, Rear passenger side window regulator button, in driver door, Front passenger side window regulator button, in driver door, Driver door control unit, Window regulator lock warning lamp, Button illumination bulb, Driver side interior door handle illumination bulb, Driver door background lighting bulb, Driver side window regulator motor

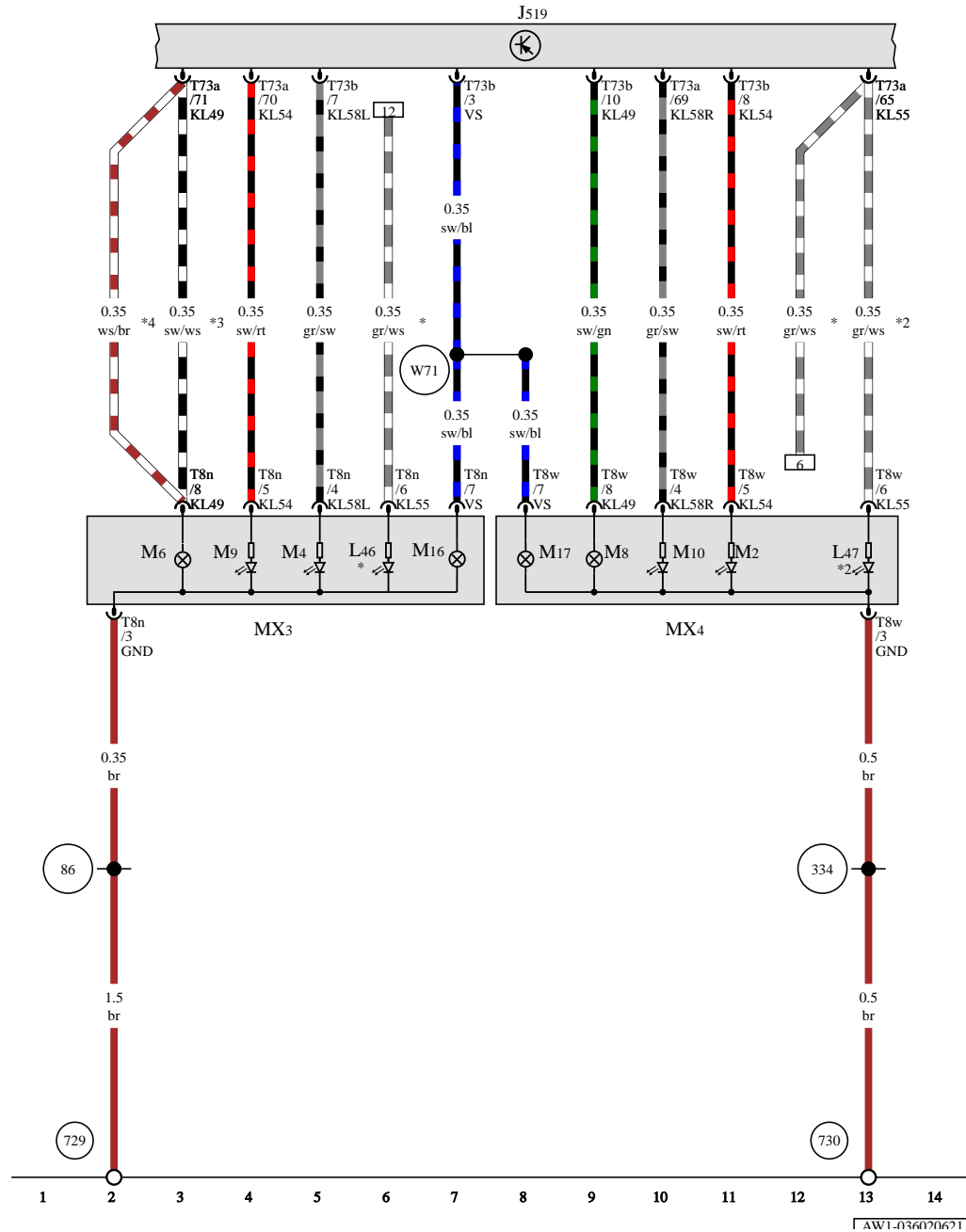
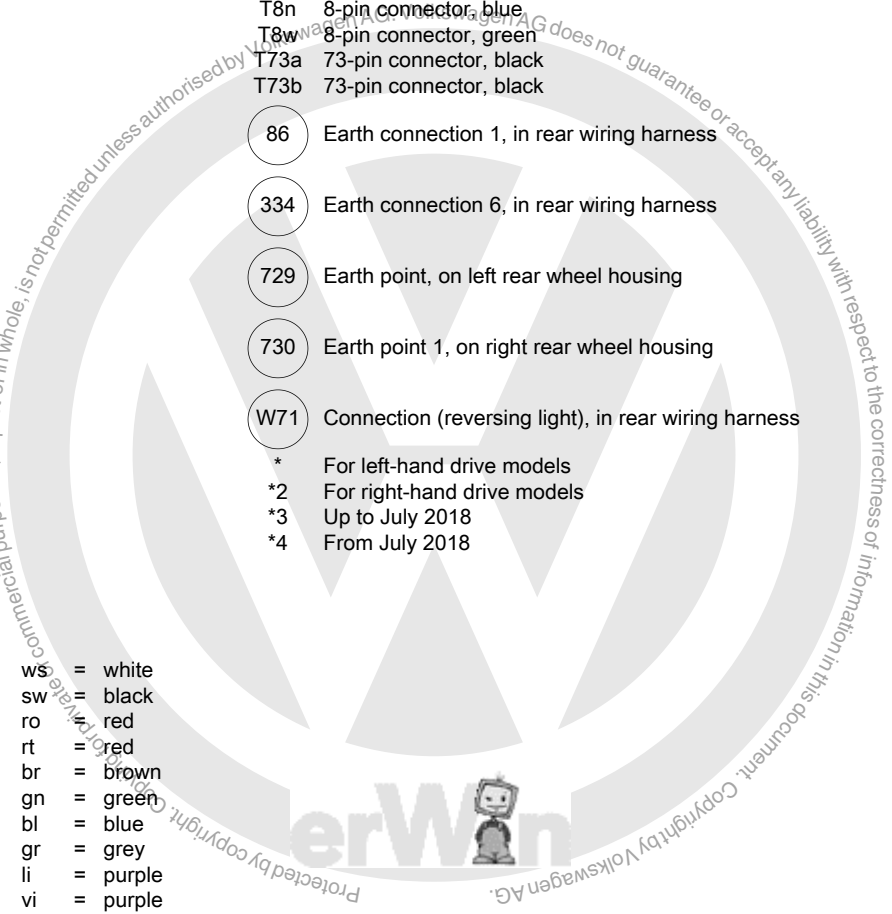
- EX36 Operating unit for window regulator in driver door
- E318 Childproof lock button
- E512 Operating unit for window regulator in driver door
- E710 Front driver side window regulator button
- E712 Rear driver side window regulator button, in driver door
- E714 Rear passenger side window regulator button, in driver door
- E715 Front passenger side window regulator button, in driver door
- J386 Driver door control unit
- K194 Window regulator lock warning lamp
- L76 Button illumination bulb
- L146 Driver side interior door handle illumination bulb
- L164 Driver door background lighting bulb
- T2an 2-pin connector, green
- T2ap 2-pin connector, black
- T4u 4-pin connector, brown
- T10i 10-pin connector, black
- T24b 24-pin connector, black
- V147 Driver side window regulator motor
- \* Pre-wired component
- \*2 For models with background lighting
- \*3 For models with rear electric window regulators
- \*4 For models with electric folding exterior mirrors
- \*5 For models with front window regulators

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- vi = purple
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Onboard supply control unit

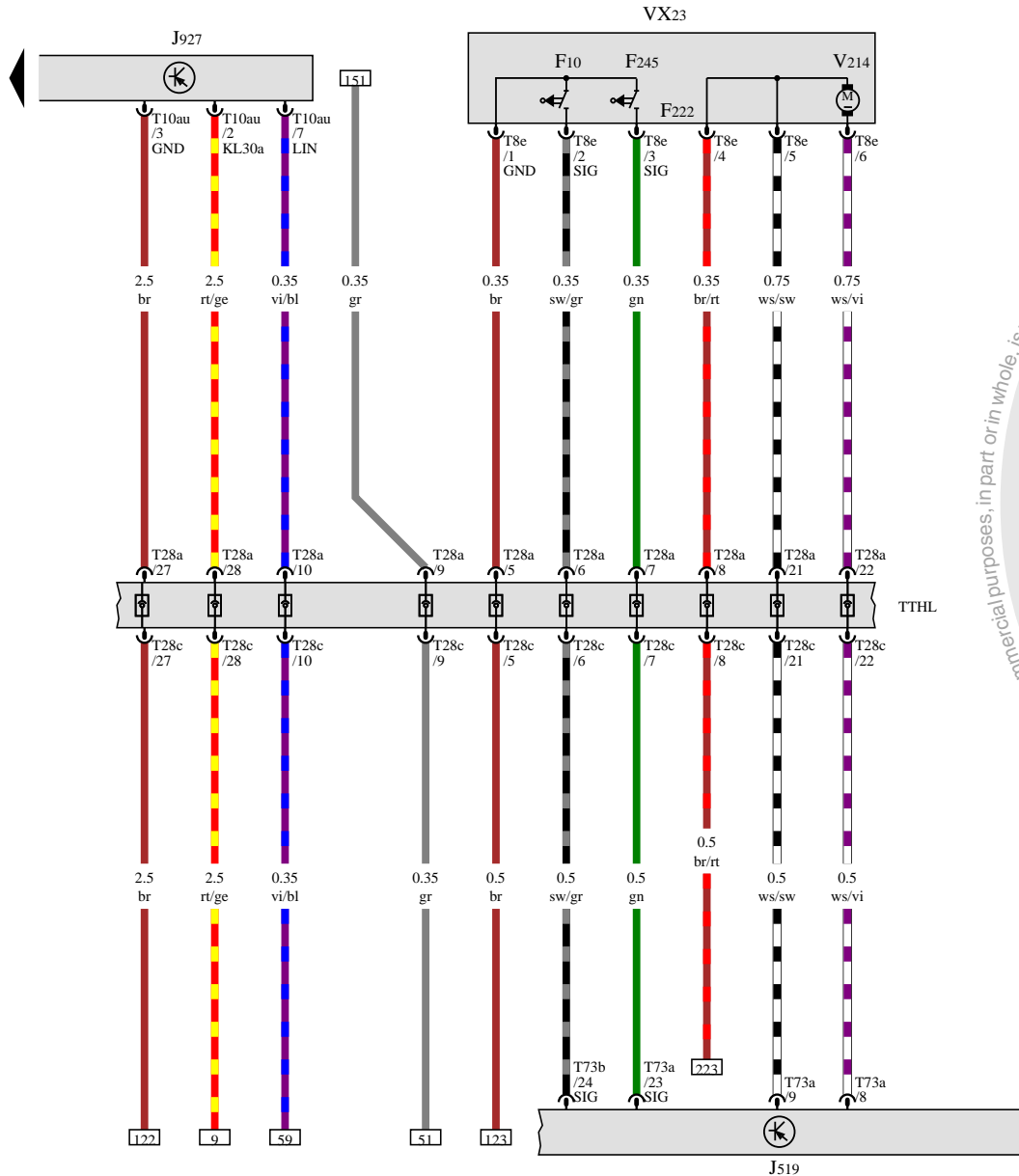
- J519 Onboard supply control unit
- L46 Rear left fog light bulb
- L47 Rear right fog light bulb
- M2 Right tail light bulb
- MX3 Left tail light cluster
- MX4 Right tail light cluster
- M4 Left tail light bulb
- M6 Rear left turn signal bulb
- M8 Rear right turn signal bulb
- M9 Left brake light bulb
- M10 Right brake light bulb
- M16 Left reversing light bulb
- M17 Right reversing light bulb
- T8n 8-pin connector, blue
- T8w 8-pin connector, green
- T73a 73-pin connector, black
- T73b 73-pin connector, black

- 86 Earth connection 1, in rear wiring harness
- 334 Earth connection 6, in rear wiring harness
- 729 Earth point, on left rear wheel housing
- 730 Earth point 1, on right rear wheel housing
- W71 Connection (reversing light), in rear wiring harness
- \* For left-hand drive models
- \*2 For right-hand drive models
- \*3 Up to July 2018
- \*4 From July 2018



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- li = purple
- vi = purple
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- rs = pink

[AWL-036020621]



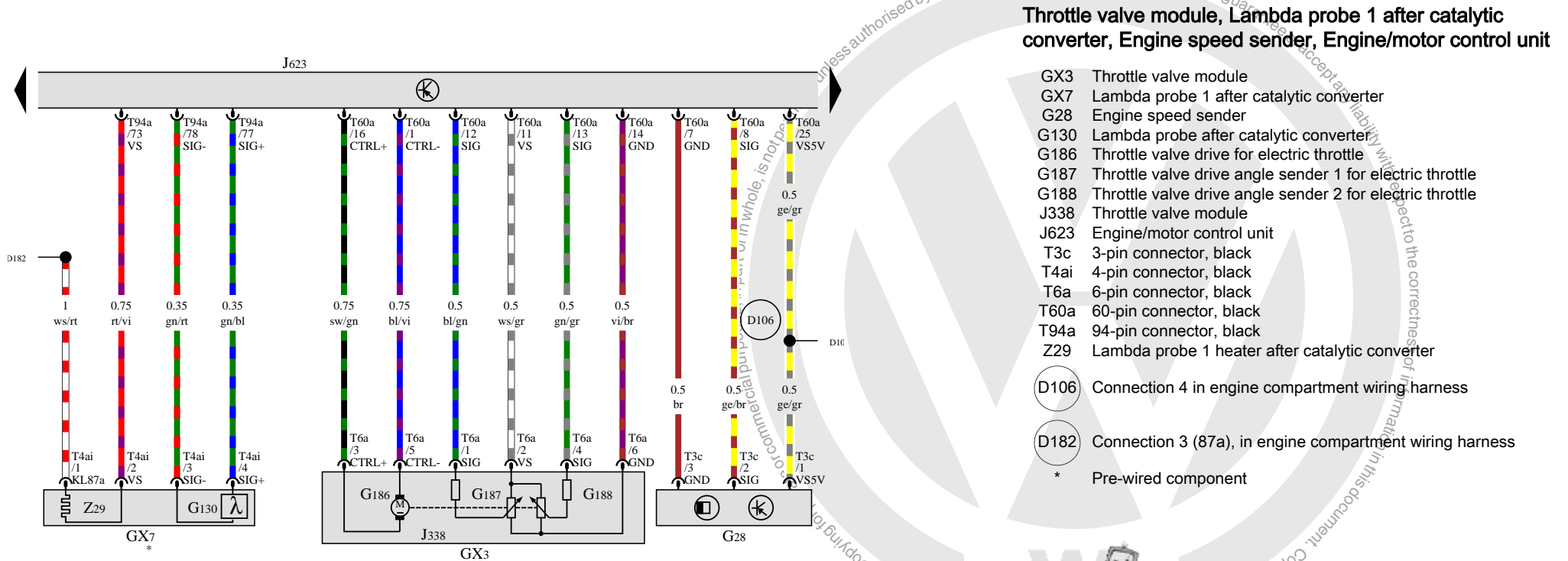
Rear left door contact switch, Rear left central locking lock unit, Rear left door central locking actuator for SAFELOCK function, Onboard supply control unit, Rear passenger side door control unit, Rear left door lock unit, Rear left door central locking motor, lock

- F10 Rear left door contact switch
- F222 Rear left central locking lock unit
- F245 Rear left door central locking actuator for SAFELOCK function
- J519 Onboard supply control unit
- J927 Rear passenger side door control unit
- T8e 8-pin connector, black
- T10au 10-pin connector, black
- T28a 28-pin connector, black
- T28c 28-pin connector, grey
- T73a 73-pin connector, black
- T73b 73-pin connector, black
- TTHL Coupling point for rear left door
- VX23 Rear left door lock unit
- V214 Rear left door central locking motor, lock

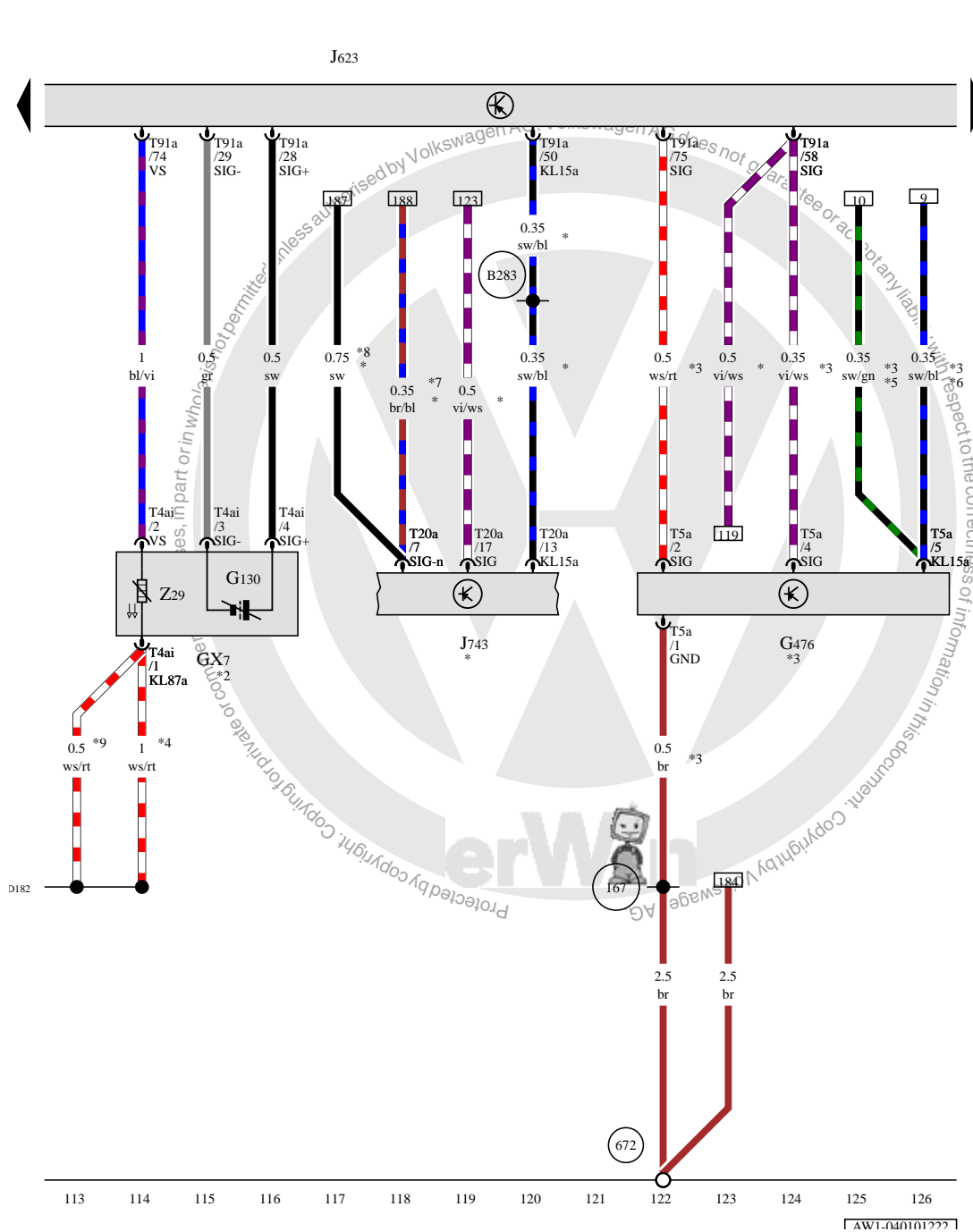
- ws = white
- sw = black
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- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

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

[AW1-0381306??]



- 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



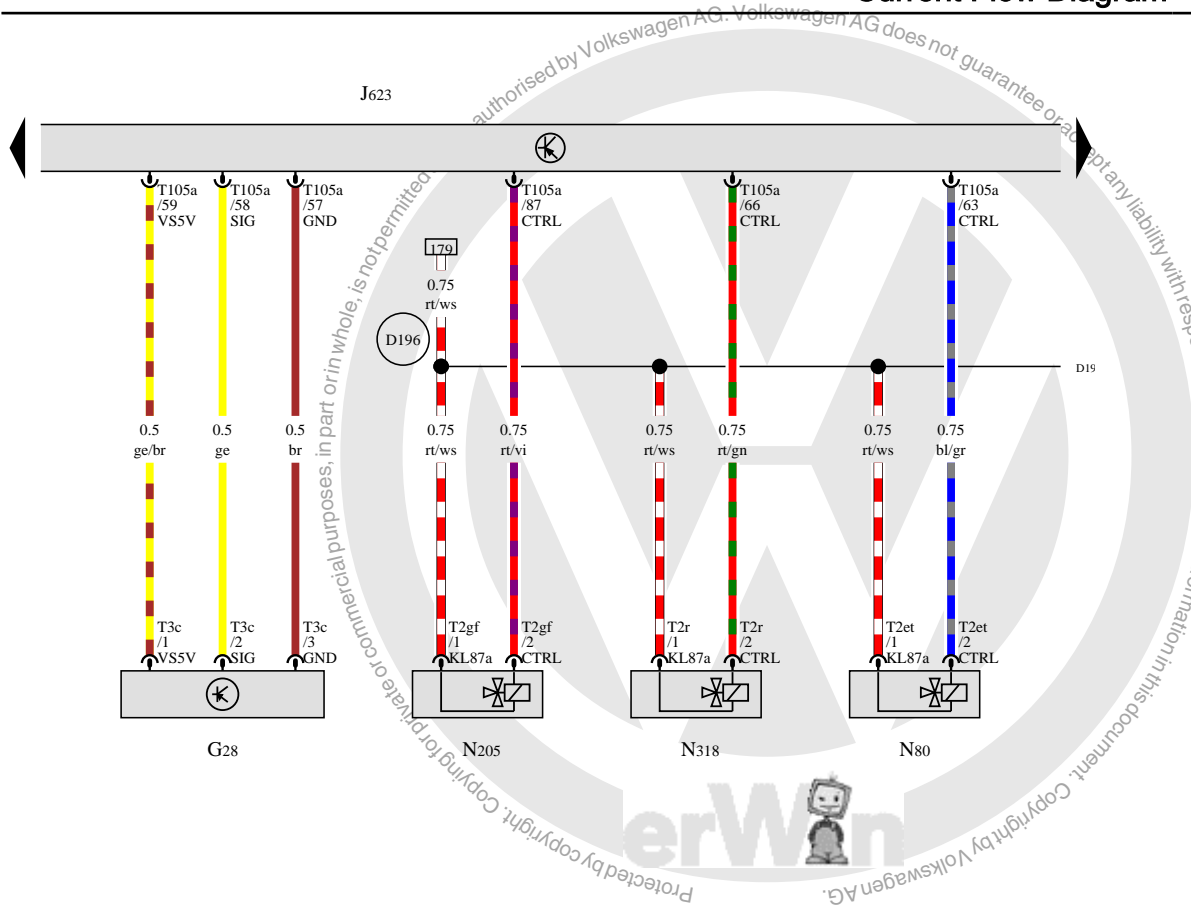
**Lambda probe 1 after catalytic converter, Clutch position sender, Engine/motor control unit, Mechatronic unit for dual clutch gearbox**

- GX7 Lambda probe 1 after catalytic converter
- G130 Lambda probe after catalytic converter
- G476 Clutch position sender
- J623 Engine/motor control unit
- J743 Mechatronic unit for dual clutch gearbox
- T4ai 4-pin connector, black
- T5a 5-pin connector, black
- T20a 20-pin connector, black
- T91a 91-pin connector, black
- Z29 Lambda probe 1 heater after catalytic converter

- 167 Earth connection 4, in engine compartment wiring harness
- 672 Earth point 2, on front of left longitudinal member
- B283 Positive connection 7 (15a) in main wiring harness
- D182 Connection 3 (87a), in engine compartment wiring harness
- \* For models with dual clutch gearbox
- \*2 Pre-wired component
- \*3 For models with manual gearbox
- \*4 Up to November 2022
- \*5 From November 2017
- \*6 Up to November 2017
- \*7 Up to June 2021
- \*8 From June 2021
- \*9 From November 2022

- 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

AW1-040101222

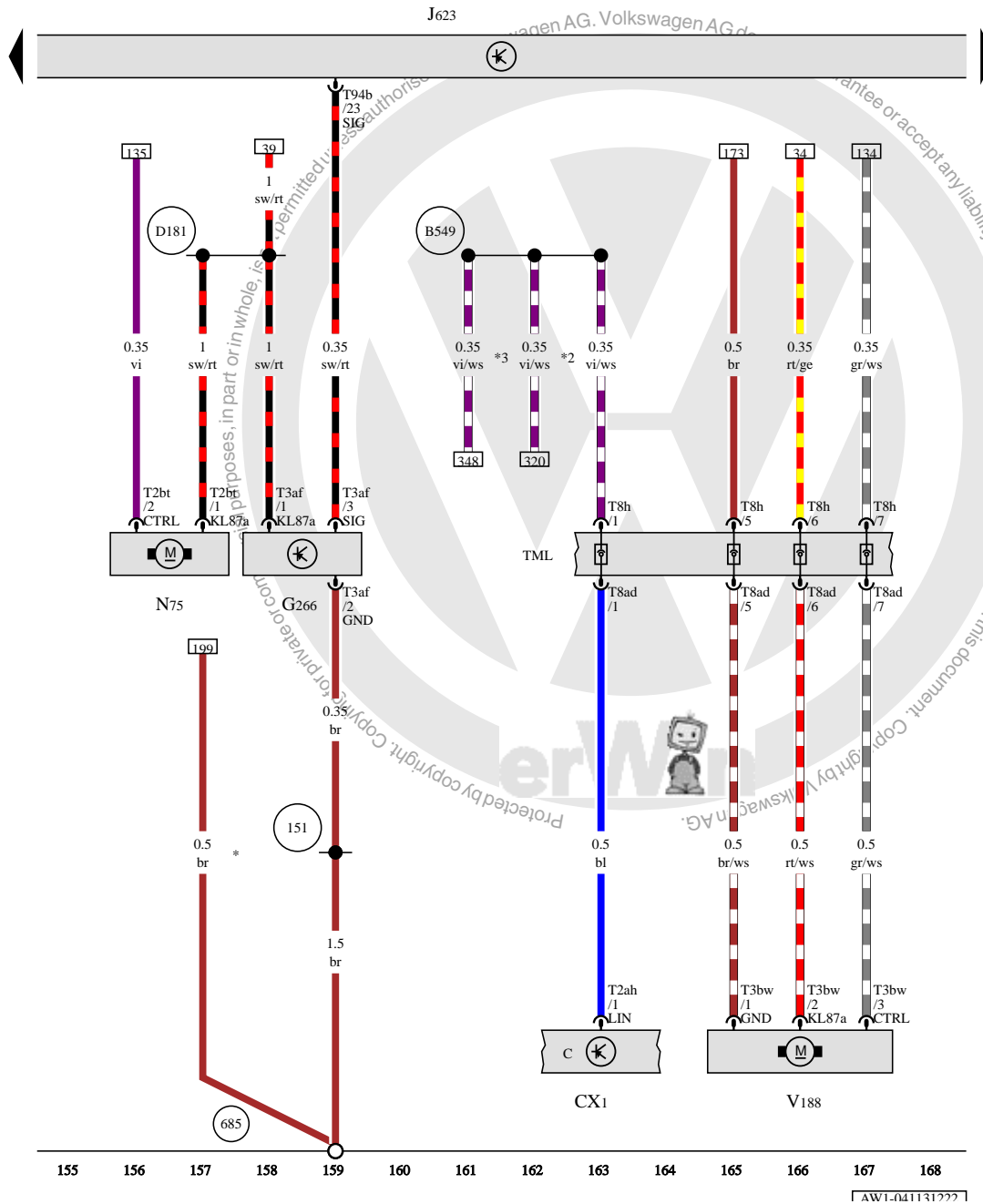


Engine speed sender, Engine/motor control unit, Activated charcoal filter solenoid valve 1, Camshaft control valve 1, Exhaust camshaft control valve 1

- G28 Engine speed sender
- J623 Engine/motor control unit
- N80 Activated charcoal filter solenoid valve 1
- N205 Camshaft control valve 1
- N318 Exhaust camshaft control valve 1
- T2et 2-pin connector, black
- T2gf 2-pin connector, black
- T2r 2-pin connector, black
- T3c 3-pin connector, black
- T105a 105-pin connector, black

D196 Connection 2 (87a) in engine prewiring 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



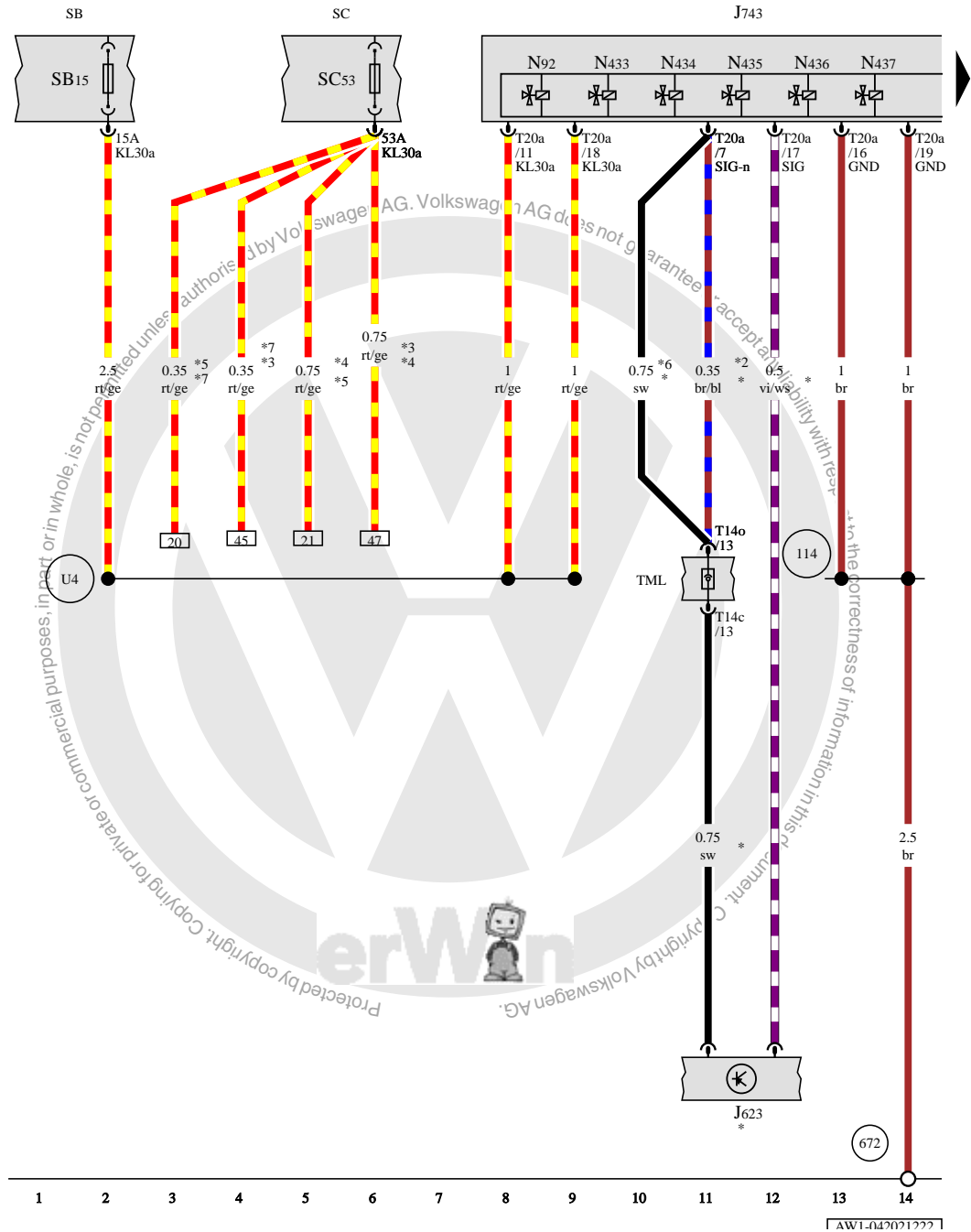
Alternator with voltage regulator, Oil level and oil temperature sender, Engine/motor control unit, Charge pressure control solenoid valve, Charge air cooling pump

- C Alternator
- CX1 Alternator with voltage regulator
- G266 Oil level and oil temperature sender
- J623 Engine/motor control unit
- N75 Charge pressure control solenoid valve
- T2ah 2-pin connector, black
- T2bt 2-pin connector, black
- T3af 3-pin connector, black
- T3bw 3-pin connector, black
- T8ad 8-pin connector, black
- T8h 8-pin connector, black
- T94b 94-pin connector, black
- TML Coupling point in engine compartment, left
- V188 Charge air cooling pump

- 151 Earth connection 1, in front wiring harness
- 685 Earth point 1, on front of right longitudinal member
- B549 Connection 2 (LIN bus) in main wiring harness
- D181 Connection 2 (87a), in engine compartment wiring harness
- \* Up to November 2018
- \*2 For models with separate data bus diagnostic interface
- \*3 For models without separate data bus diagnostic interface

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- sw = black
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- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
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**Mechatronic unit for dual clutch gearbox, Fuse holder B, Fuse holder C**

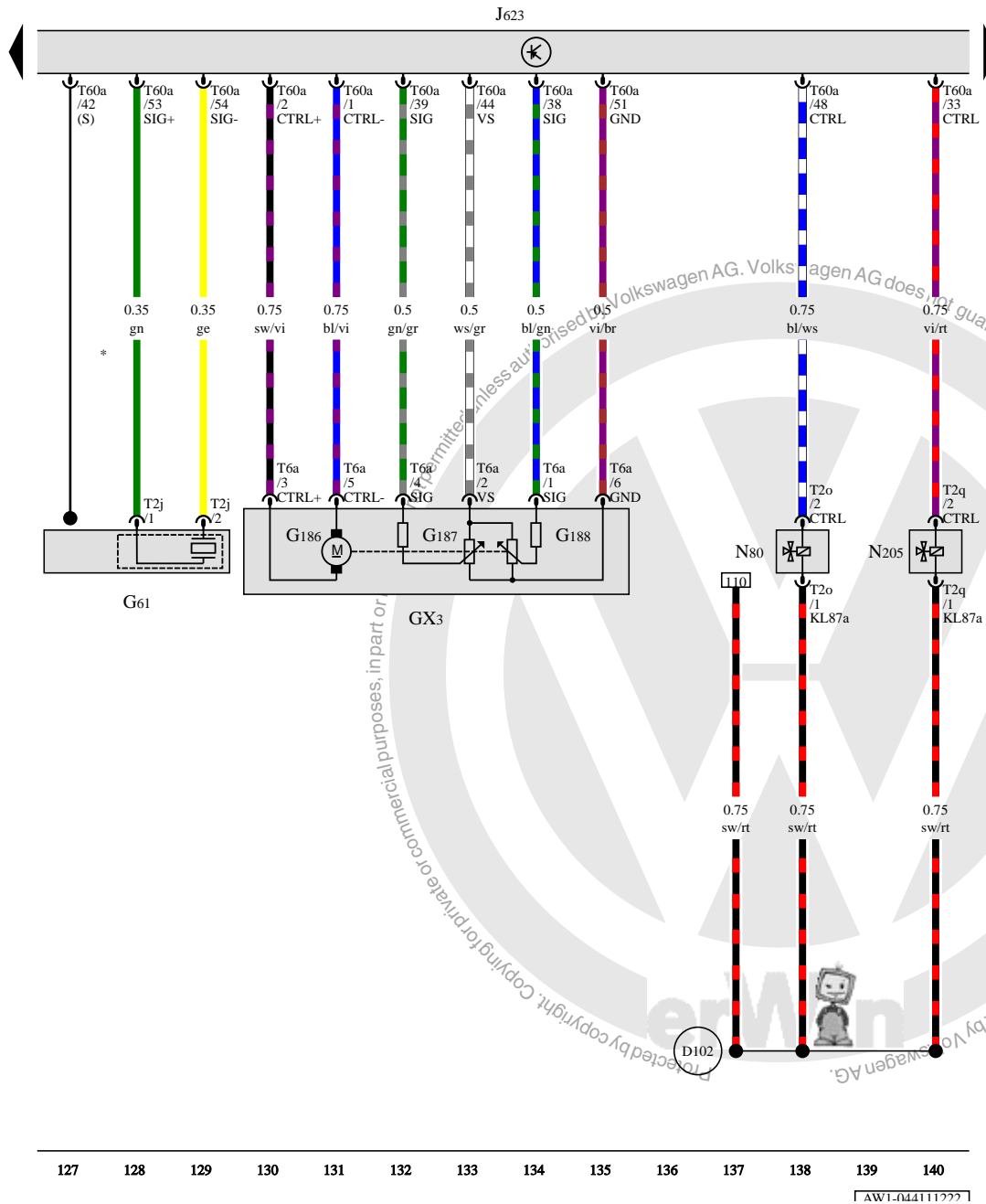


- J623 Engine/motor control unit
- J743 Mechatronic unit for dual clutch gearbox
- N92 Solenoid valve 5
- N433 Valve 1 in gear train half 1
- N434 Valve 2 in gear train half 1
- N435 Valve 3 in gear train half 1
- N436 Valve 4 in gear train half 1
- N437 Valve 1 in gear train half 2
- SB Fuse holder B
- SB15 Fuse 15 on fuse holder B
- SC Fuse holder C
- SC53 Fuse 53 on fuse holder C
- T14c 14-pin connector, grey
- T14o 14-pin connector, grey
- T20a 20-pin connector, black
- TML Coupling point in engine compartment, left

- 114 Earth connection, in automatic gearbox wiring harness
- 672 Earth point 2, on front of left longitudinal member
- U4 Connection (30), in automatic gearbox wiring harness

- \* see applicable current flow diagram for engine
- \*2 Up to June 2021
- \*3 For models with no entry and start authorisation
- \*4 Up to November 2022
- \*5 For models with entry and start authorisation
- \*6 From June 2021
- \*7 From November 2022

- 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



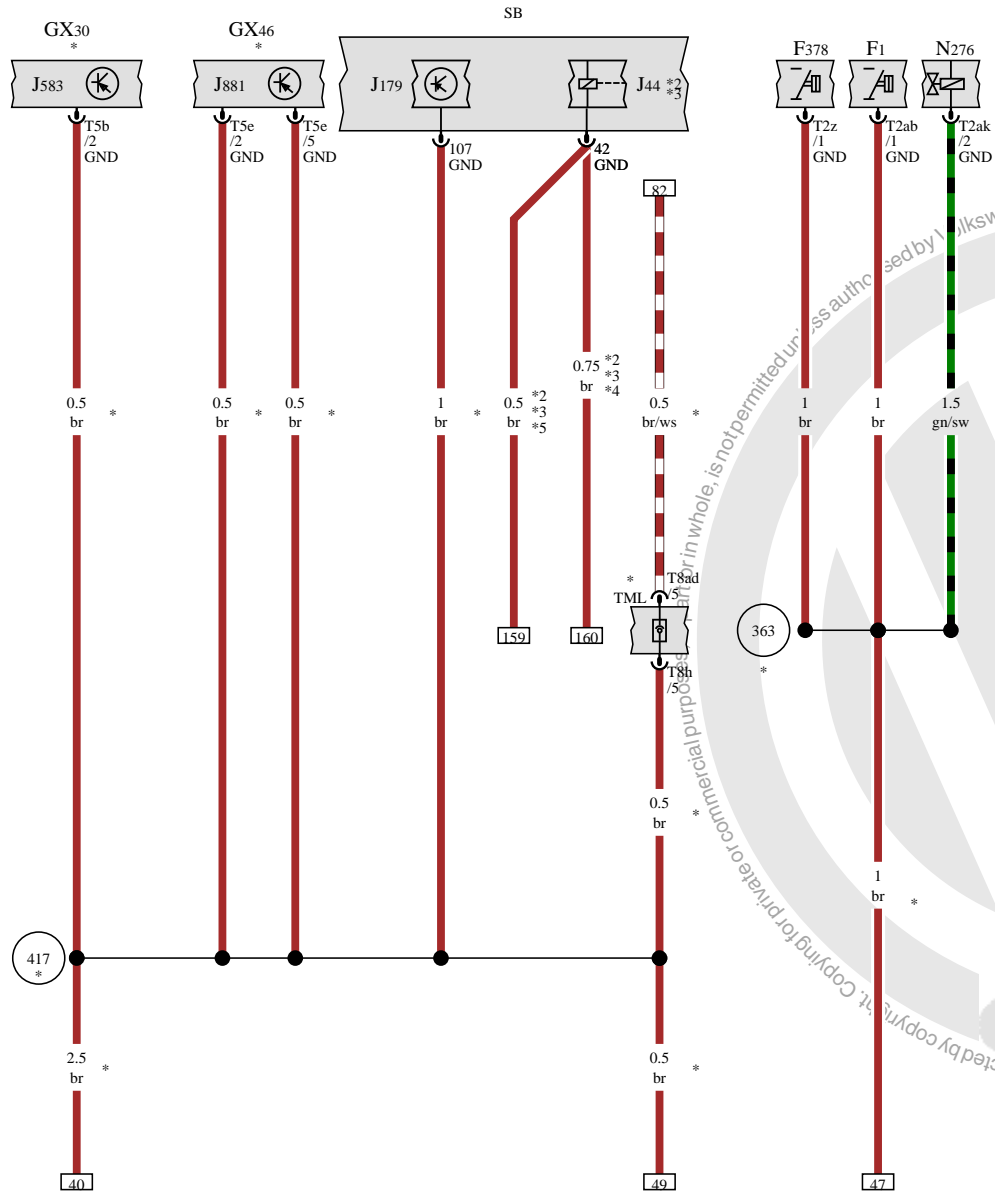
Throttle valve module, Knock sensor 1, Engine/motor control unit, Activated charcoal filter solenoid valve 1, Camshaft control valve 1

- GX3 Throttle valve module
- G61 Knock sensor 1
- 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
- J623 Engine/motor control unit
- N80 Activated charcoal filter solenoid valve 1
- N205 Camshaft control valve 1
- T2j 2-pin connector, black
- T2o 2-pin connector, black
- T2q 2-pin connector, black
- T6a 6-pin connector, black
- T60a 60-pin connector, black

D102 Connection 2 in engine compartment wiring harness

\* Wiring open end

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
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Oil pressure switch, Oil pressure switch for reduced oil pressure, Control unit for NOx sender, Fuel pressure regulating valve, Fuse holder B

- F1 Oil pressure switch
- F378 Oil pressure switch for reduced oil pressure
- GX30 Control unit for NOx sender
- GX46 Control unit 2 for NOx sender
- J44 Magnetic clutch relay
- J179 Automatic glow period control unit
- J583 Control unit for NOx sender
- J881 Control unit for NOx sender 2
- N276 Fuel pressure regulating valve
- SB Fuse holder B
- T2ab 2-pin connector, red
- T2ak 2-pin connector, black
- T2z 2-pin connector, black
- T5b 5-pin connector, black
- T5e 5-pin connector, black
- T8ad 8-pin connector, black
- T8h 8-pin connector, black
- TML Coupling point in engine compartment, left

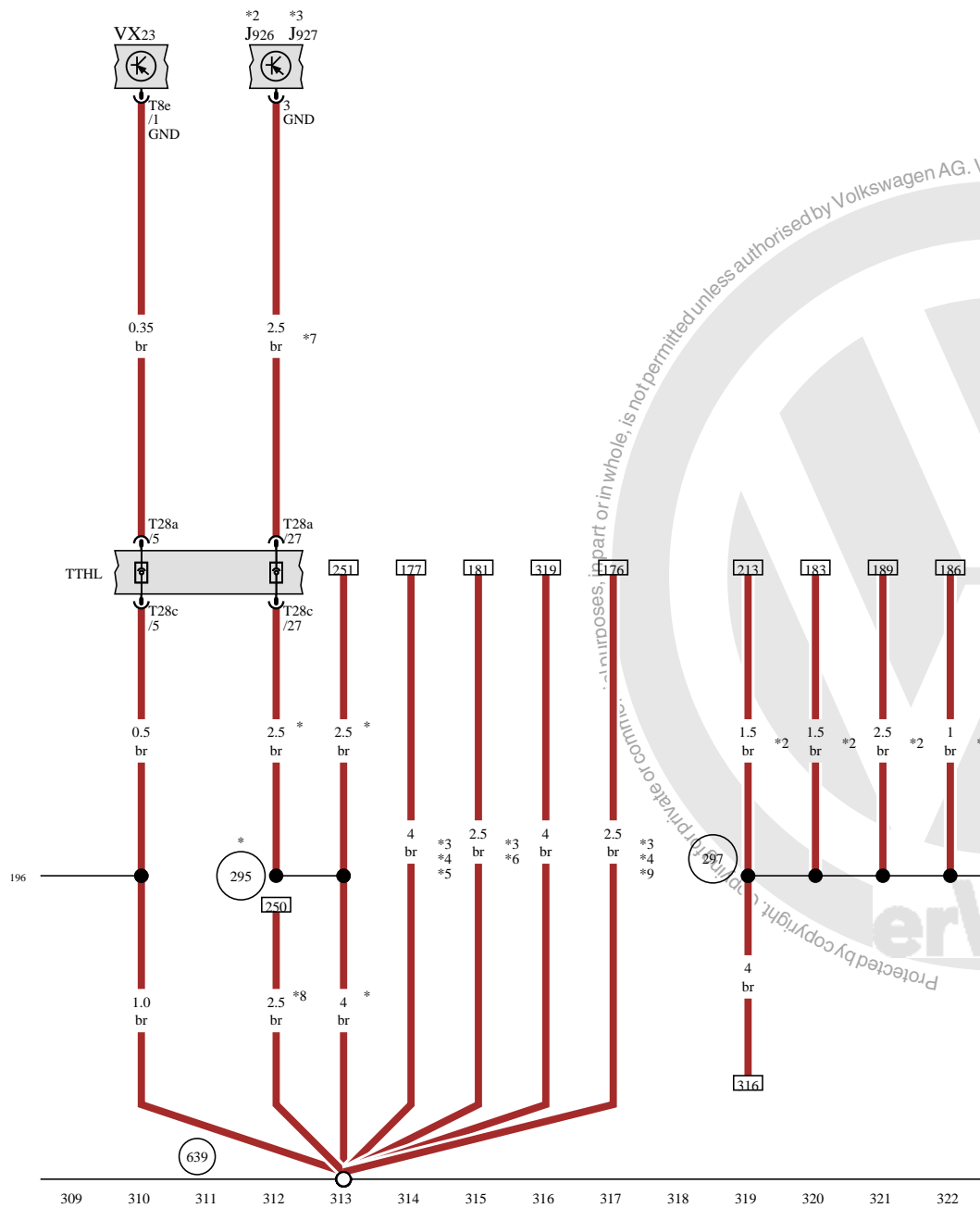
363 Earth connection 8, in engine compartment wiring harness

417 Earth connection 9, in engine compartment wiring harness

- \* see applicable current flow diagram for engine
- \*2 For models with petrol engine
- \*3 For emission standard Euro 6 DG
- \*4 Up to November 2022
- \*5 From November 2022

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- gr = grey
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- vi = purple
- ge = yellow
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Rear driver side door control unit, Rear left door lock unit



- J926 Rear driver side door control unit
- J927 Rear passenger side door control unit
- T8e 8-pin connector, black
- T28a 28-pin connector, black
- T28c 28-pin connector, grey
- TTHL Coupling point for rear left door
- VX23 Rear left door lock unit

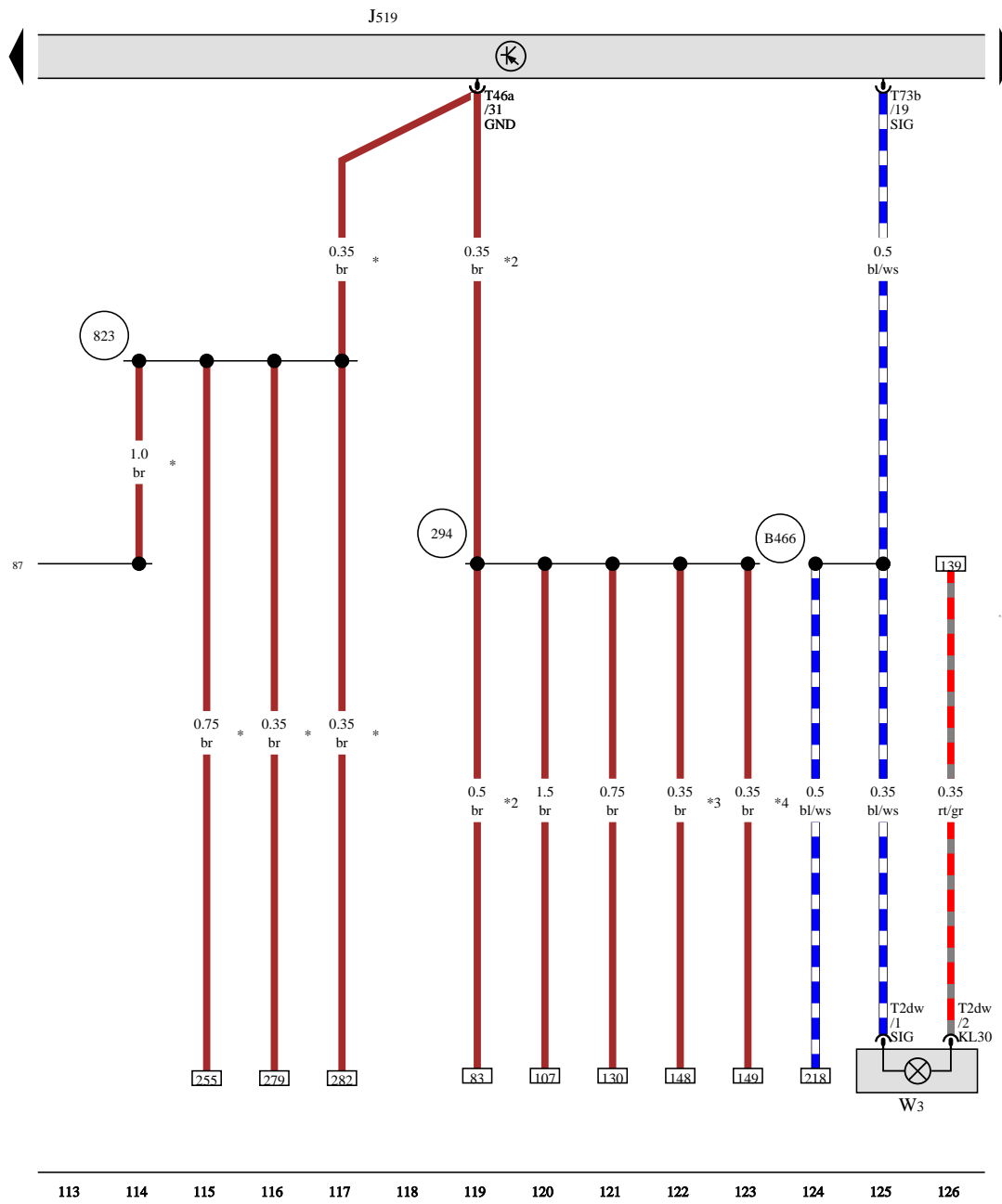
- 196 Earth connection 3, in rear wiring harness
- 295 Earth connection 10, in interior wiring harness
- 297 Earth connection 12, in interior wiring harness
- 639 Earth point, on left A-pillar

- \* For models with front and rear door window regulators
- \*2 For left-hand drive models
- \*3 For right-hand drive models
- \*4 For models with no Climatronic
- \*5 Up to June 2021
- \*6 For models with Climatronic
- \*7 see applicable current flow diagram for convenience system
- \*8 For models with front window regulators
- \*9 From June 2021

- ws = white
- sw = black
- ro = red
- rt = red
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- bl = blue
- gr = grey
- li = purple
- vi = purple
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AW1-046741222

Onboard supply control unit, Luggage compartment light

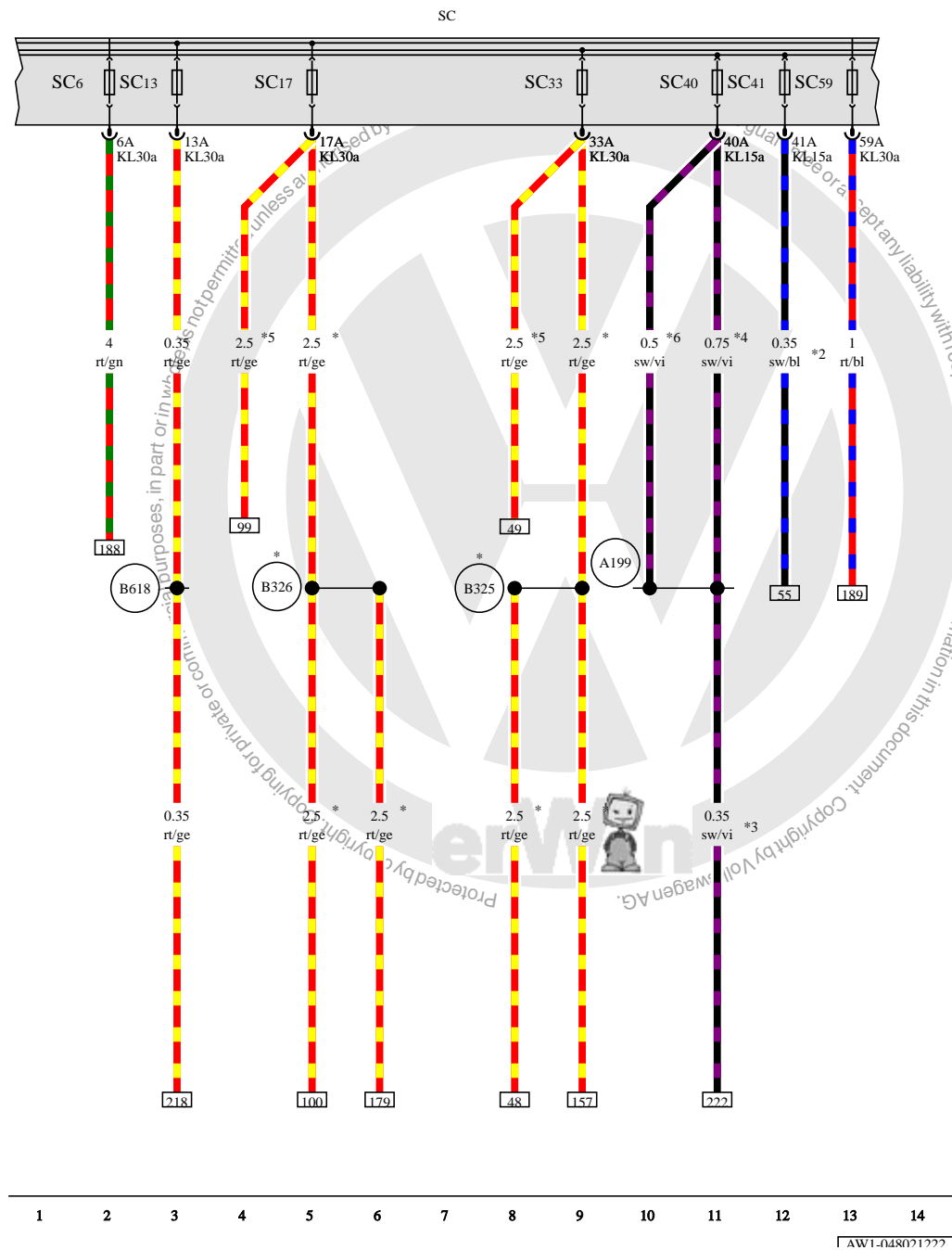


- J519 Onboard supply control unit
- T2dw 2-pin connector, black
- T46a 46-pin connector, brown
- T73b 73-pin connector, black
- W3 Luggage compartment light

- 87 Earth connection 2, in rear wiring harness
- 294 Earth connection 9, in interior wiring harness
- 823 Earth connection 16, in interior wiring harness
- B466 Connection 2, in main wiring harness
- \* For right-hand drive models
- \*2 For left-hand drive models
- \*3 For models with reading lights
- \*4 For models with no reading lights

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- sw = black
- ro = red
- rt = red
- br = brown
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- gr = grey
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AWT-0471006???



Fuse holder C

- SC Fuse holder C
- SC6 Fuse 6 on fuse holder C
- SC13 Fuse 13 on fuse holder C
- SC17 Fuse 17 on fuse holder C
- SC33 Fuse 33 on fuse holder C
- SC40 Fuse 40 on fuse holder C
- SC41 Fuse 41 on fuse holder C
- SC59 Fuse 59 on fuse holder C

(A199) Positive connection 4 (15a) in dash panel wiring harness

(B325) Positive connection 11 (30a) in main wiring harness

(B326) Positive connection 12 (30a) in main wiring harness

(B618) Positive connection 13 (30a), in interior wiring harness

- \* For models with front and rear door window regulators
- \*2 For models with no background lighting
- \*3 For models with automatic anti-dazzle interior mirror
- \*4 Up to November 2022
- \*5 For models with front window regulators
- \*6 From November 2022

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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

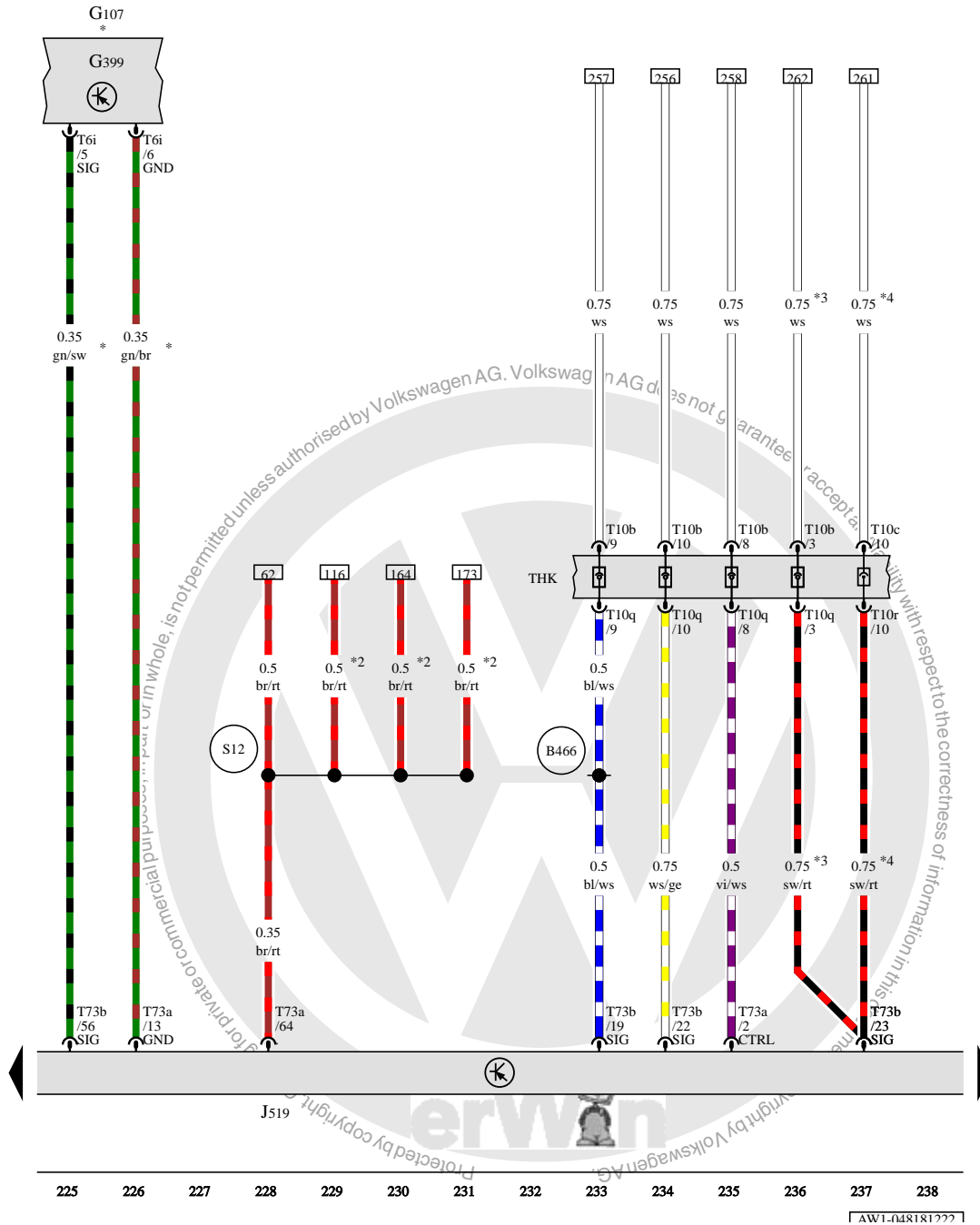
Sunlight penetration photosensor, Onboard supply control unit

- G107 Sunlight penetration photosensor
- G399 Light sensor
- J519 Onboard supply control unit
- T6i 6-pin connector, black
- T10b 10-pin connector, black
- T10c 10-pin connector, blue
- T10q 10-pin connector, black
- T10r 10-pin connector, blue
- T73a 73-pin connector, black
- T73b 73-pin connector, black
- THK Coupling point for rear lid

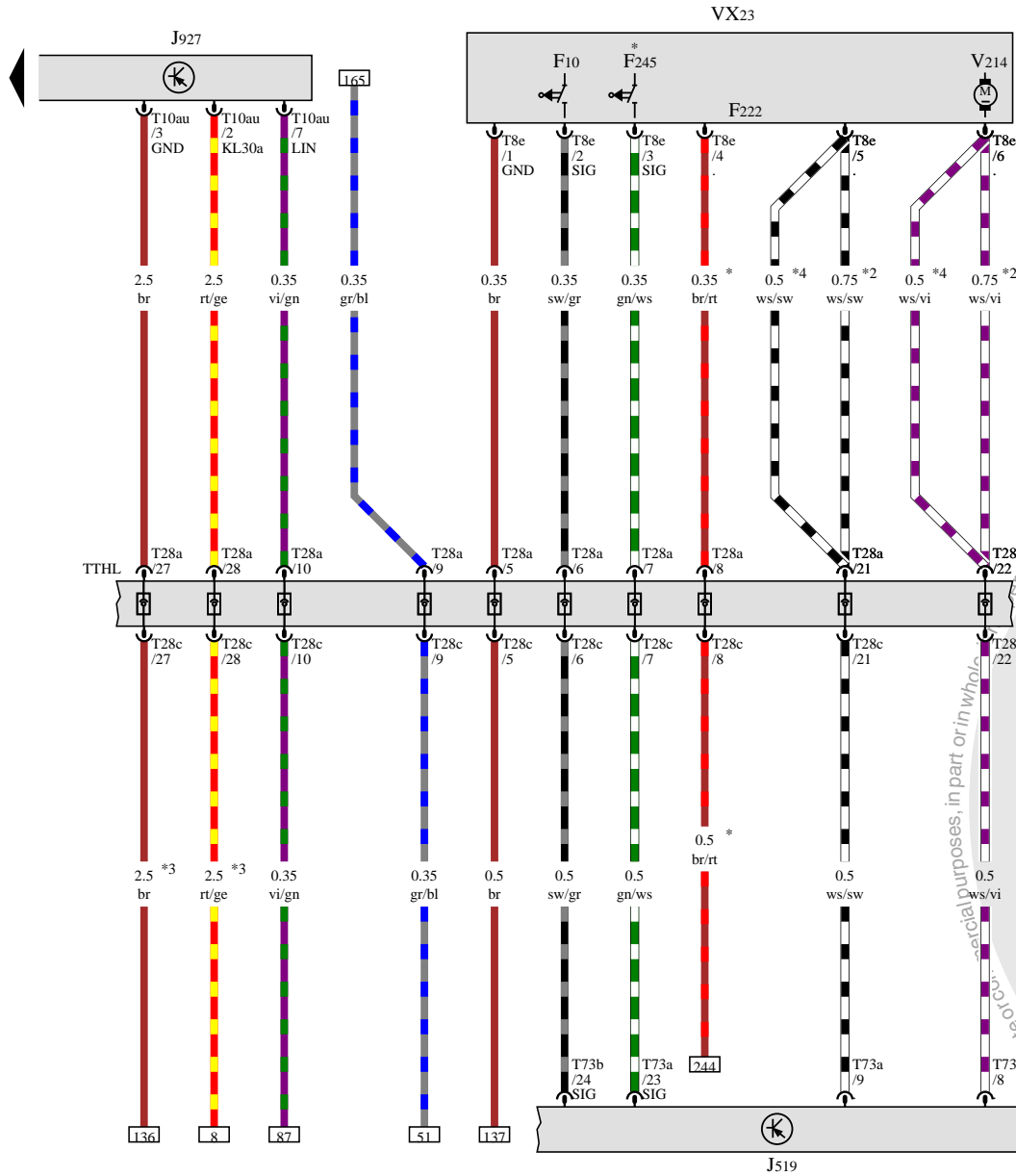
**B466** Connection 2, in main wiring harness

**S12** Connection (SAFE 1), in central locking wiring harness

- \* For models with no rain and light sensor
- \*2 For models with SAFELOCK function
- \*3 Up to June 2021
- \*4 From June 2021



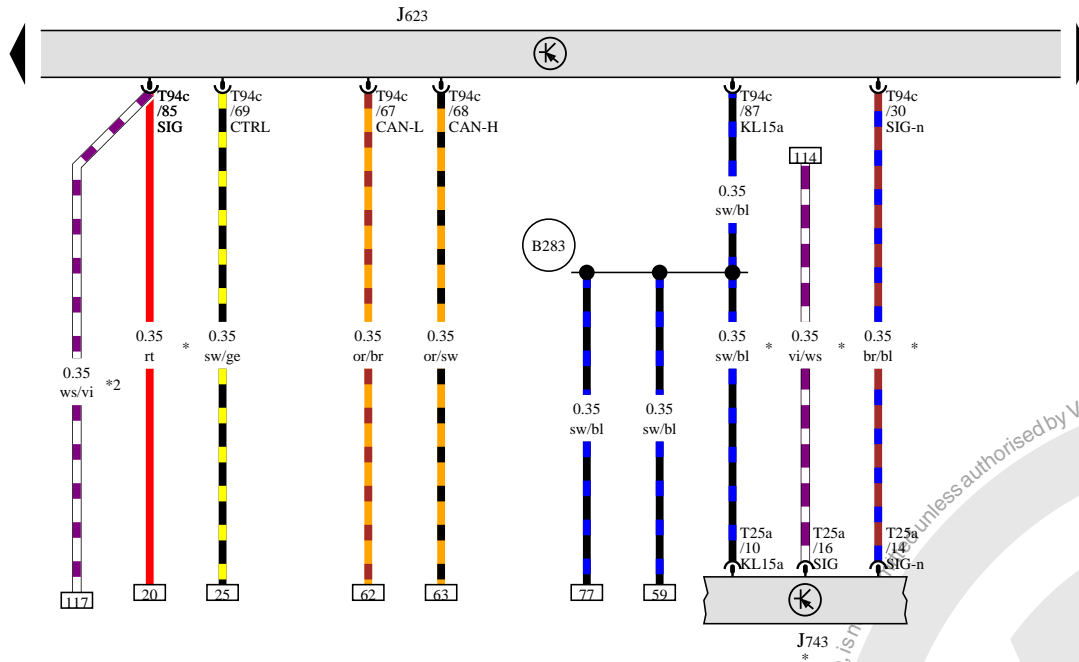
- ws = white
- sw = black
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- gr = grey
- li = purple
- vi = purple
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Rear left door contact switch, Rear left central locking lock unit, Rear left door central locking actuator for SAFELOCK function, Onboard supply control unit, Rear passenger side door control unit, Rear left door lock unit, Rear left door central locking motor, lock

- F10 Rear left door contact switch
- F222 Rear left central locking lock unit
- F245 Rear left door central locking actuator for SAFELOCK function
- J519 Onboard supply control unit
- J927 Rear passenger side door control unit
- T8e 8-pin connector, black
- T10au 10-pin connector, black
- T28a 28-pin connector, black
- T28c 28-pin connector, grey
- T73a 73-pin connector, black
- T73b 73-pin connector, black
- TTHL Coupling point for rear left door
- VX23 Rear left door lock unit
- V214 Rear left door central locking motor, lock
- \* For models with SAFELOCK function
- \*2 Up to June 2022
- \*3 For models with front and rear door window regulators
- \*4 From June 2022

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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

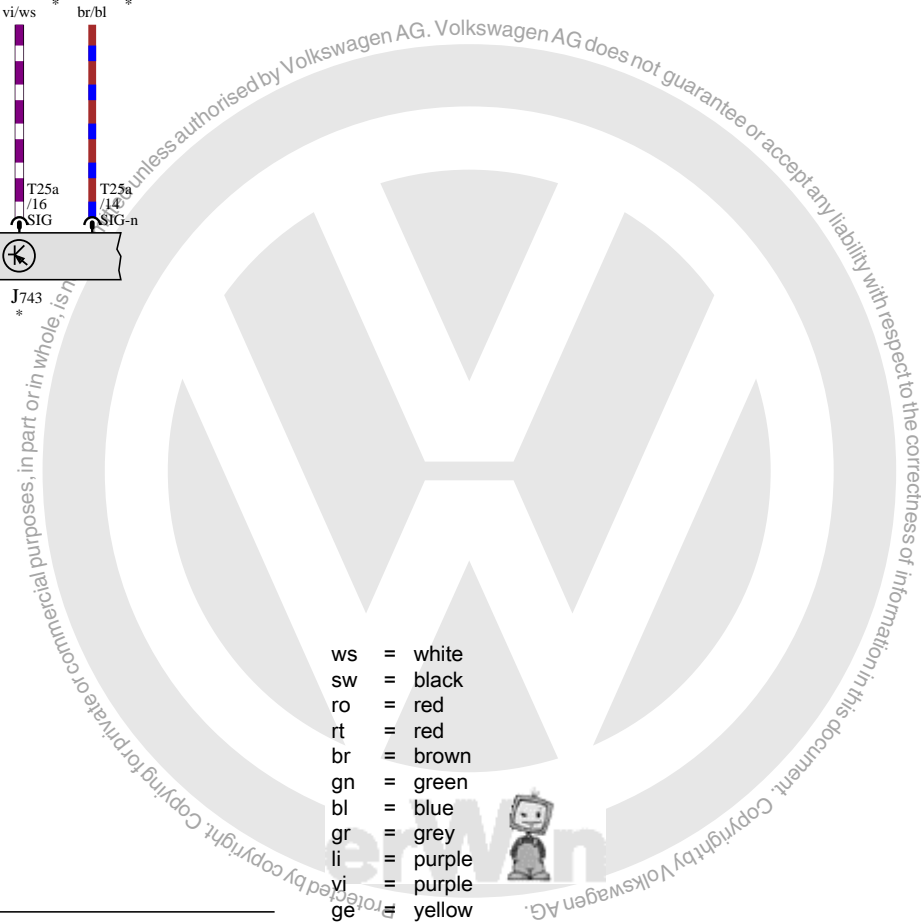


Engine/motor control unit, Mechatronic unit for dual clutch gearbox

- J623 Engine/motor control unit
- J743 Mechatronic unit for dual clutch gearbox
- T25a 25-pin connector, black
- T94c 94-pin connector, black

B283 Positive connection 7 (15a) in main wiring harness

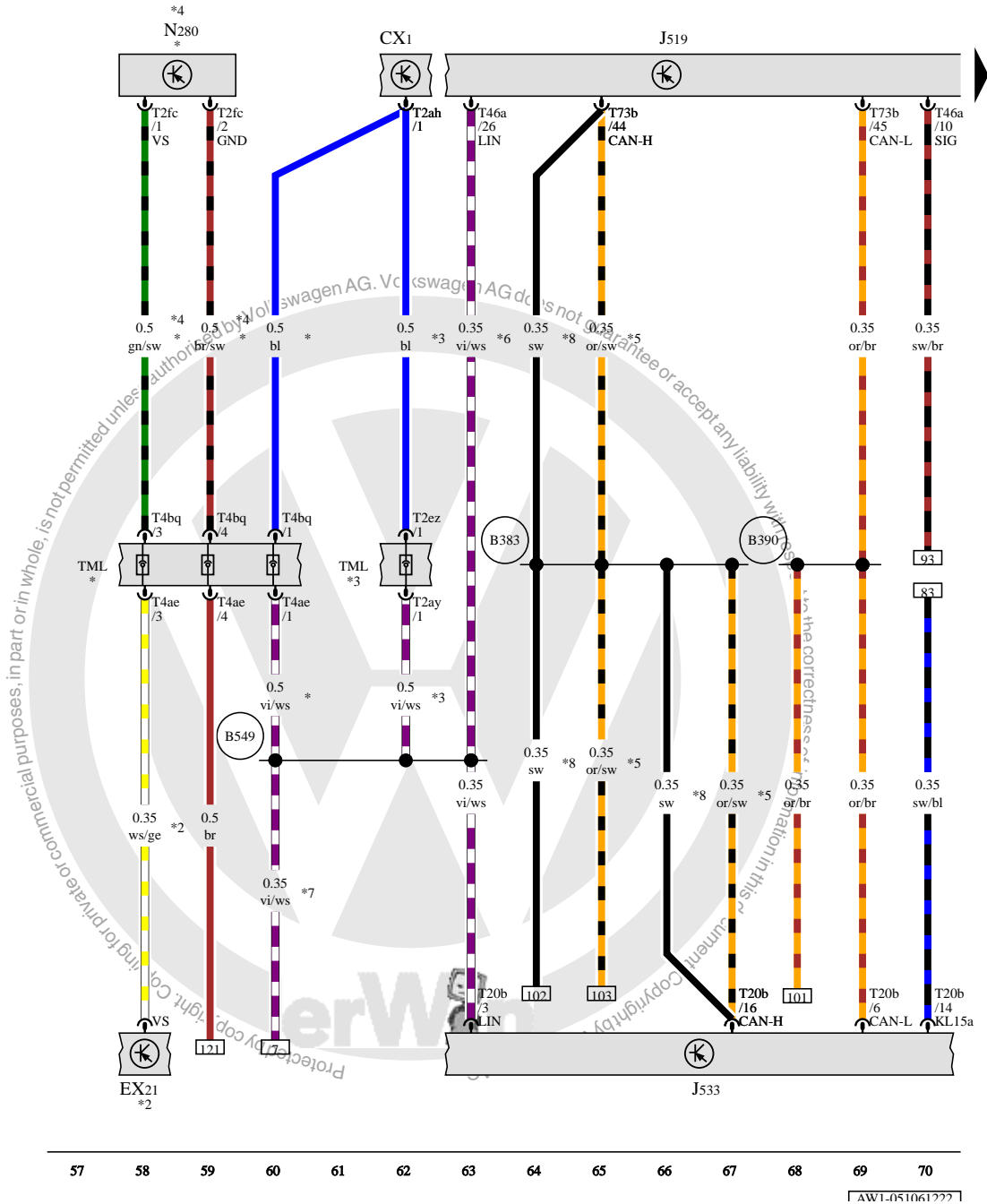
- \* For models with dual clutch gearbox
- \*2 For models with manual gearbox



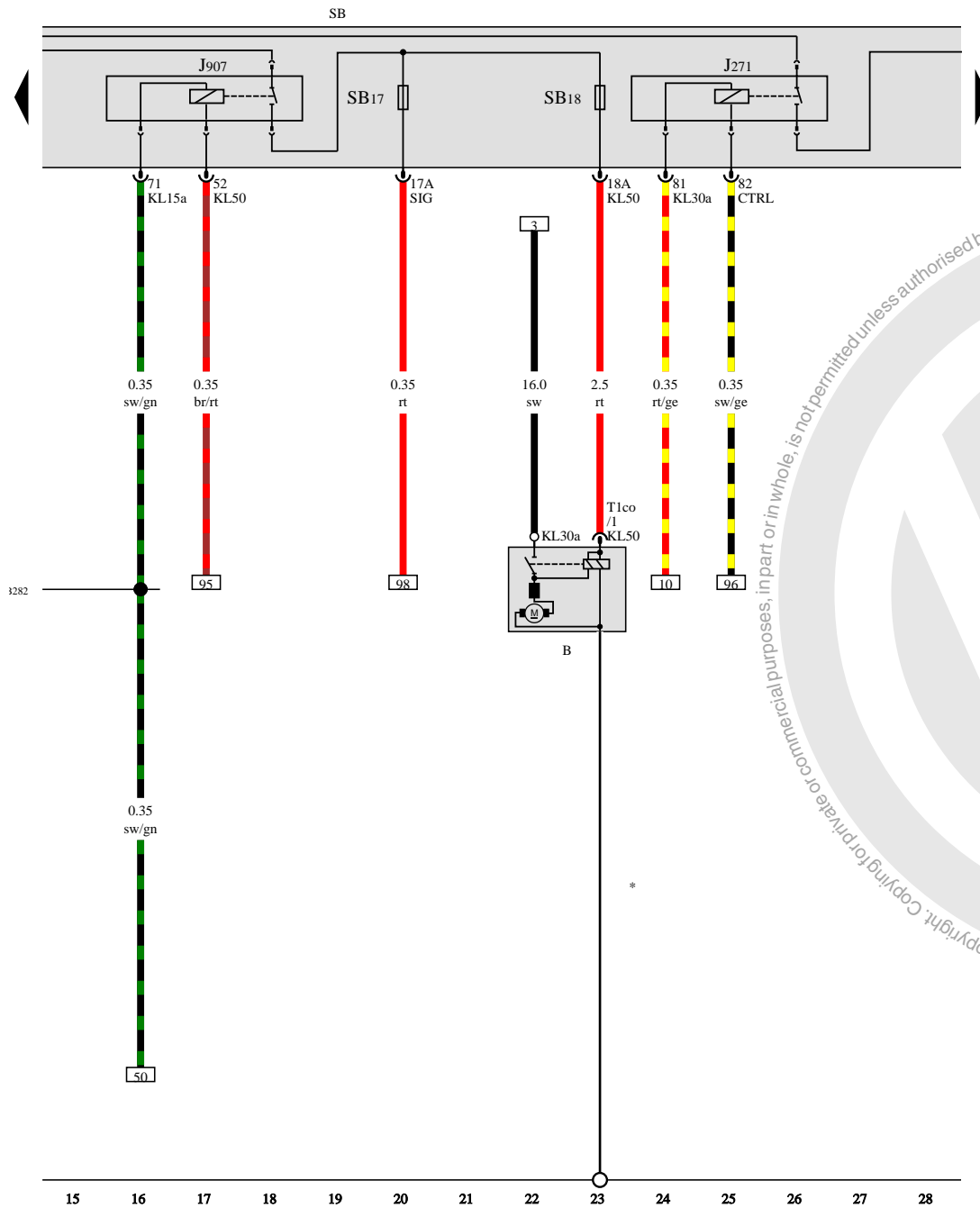
- ws = white
- sw = black
- ro = red
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- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
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- rs = pink



Heater and air conditioning controls, Onboard supply control unit, Data bus diagnostic interface, Air conditioner compressor regulating valve

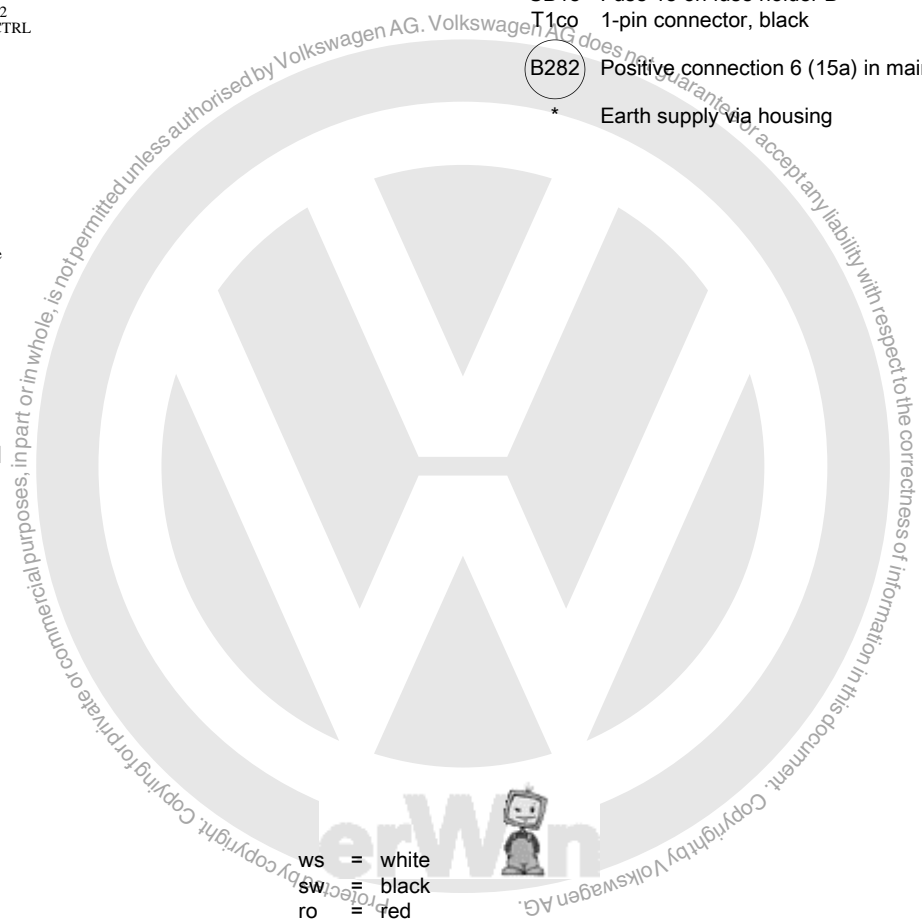


- CX1 Alternator with voltage regulator
- EX21 Heater and air conditioning controls
- J519 Onboard supply control unit
- J533 Data bus diagnostic interface
- N280 Air conditioner compressor regulating valve
- T2ah 2-pin connector, black
- T2ay 2-pin connector, black
- T2ez 2-pin connector, black
- T2fc 2-pin connector, black
- T4ae 4-pin connector, black
- T4bq 4-pin connector, black
- T20b 20-pin connector, red
- T46a 46-pin connector, brown
- T73b 73-pin connector, black
- TML Coupling point in engine compartment, left
- B383 Connection 1 (powertrain CAN bus, high), in main wiring harness
- B390 Connection 1 (powertrain CAN bus, low), in main wiring harness
- B549 Connection 2 (LIN bus) in main wiring harness
- \* For models with air conditioning system/Climatronic
- \*2 see applicable current flow diagram
- \*3 For models with no air conditioning system
- \*4 For emission standard Euro 6 AG/H/I
- \*5 Up to November 2019
- \*6 For models without separate data bus diagnostic interface
- \*7 For models with stop/start system
- \*8 From November 2019



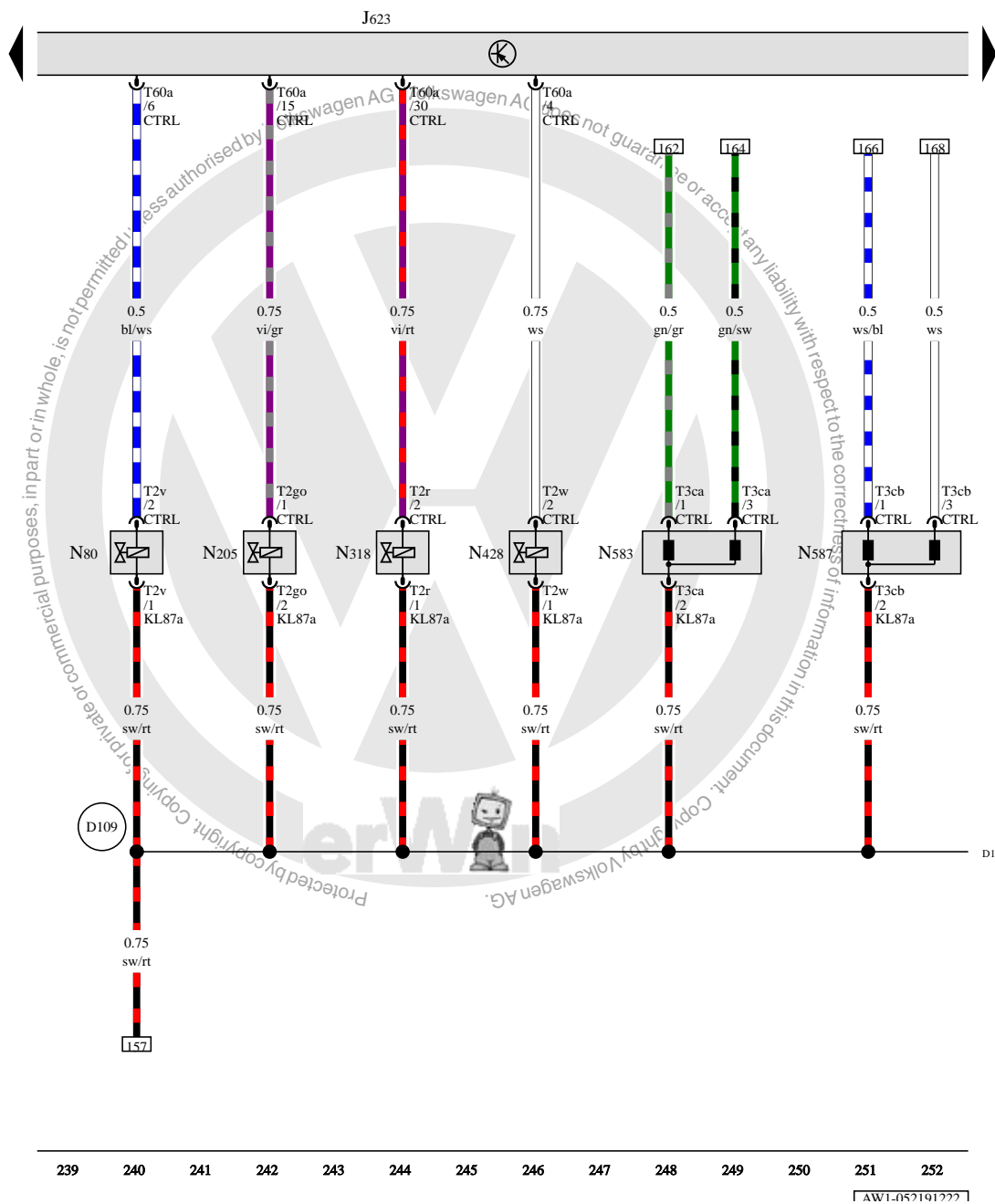
**Starter, Fuse holder B**

- B Starter
- J271 Main relay
- J907 Starter relay 2
- SB Fuse holder B
- SB17 Fuse 17 on fuse holder B
- SB18 Fuse 18 on fuse holder B
- T1co 1-pin connector, black
- B282 Positive connection 6 (15a) in main wiring harness
- \* Earth supply via housing



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

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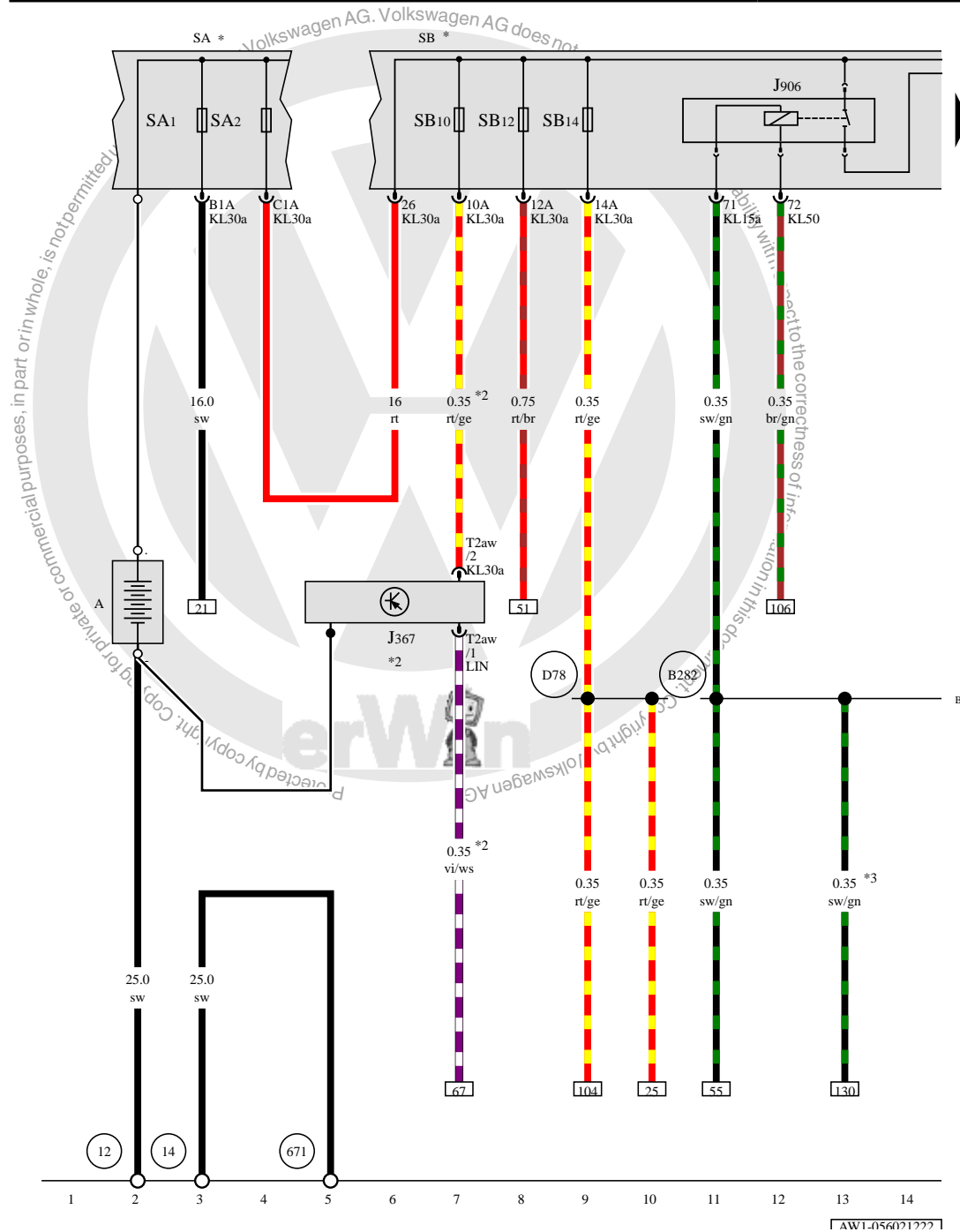
Engine/motor control unit, Activated charcoal filter solenoid valve 1, Camshaft control valve 1, Exhaust camshaft control valve 1, Valve for oil pressure control, Inlet cam actuator for cylinder 2, Exhaust cam actuator for cylinder 2

- 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
- N583 Inlet cam actuator for cylinder 2
- N587 Exhaust cam actuator for cylinder 2
- T2go 2-pin connector, black
- T2r 2-pin connector, black
- T2v 2-pin connector, black
- T2w 2-pin connector, black
- T3ca 3-pin connector, black
- T3cb 3-pin connector, black
- T60a 60-pin connector, black
- (D109) Connection 7 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

239 240 241 242 243 244 245 246 247 248 249 250 251 252

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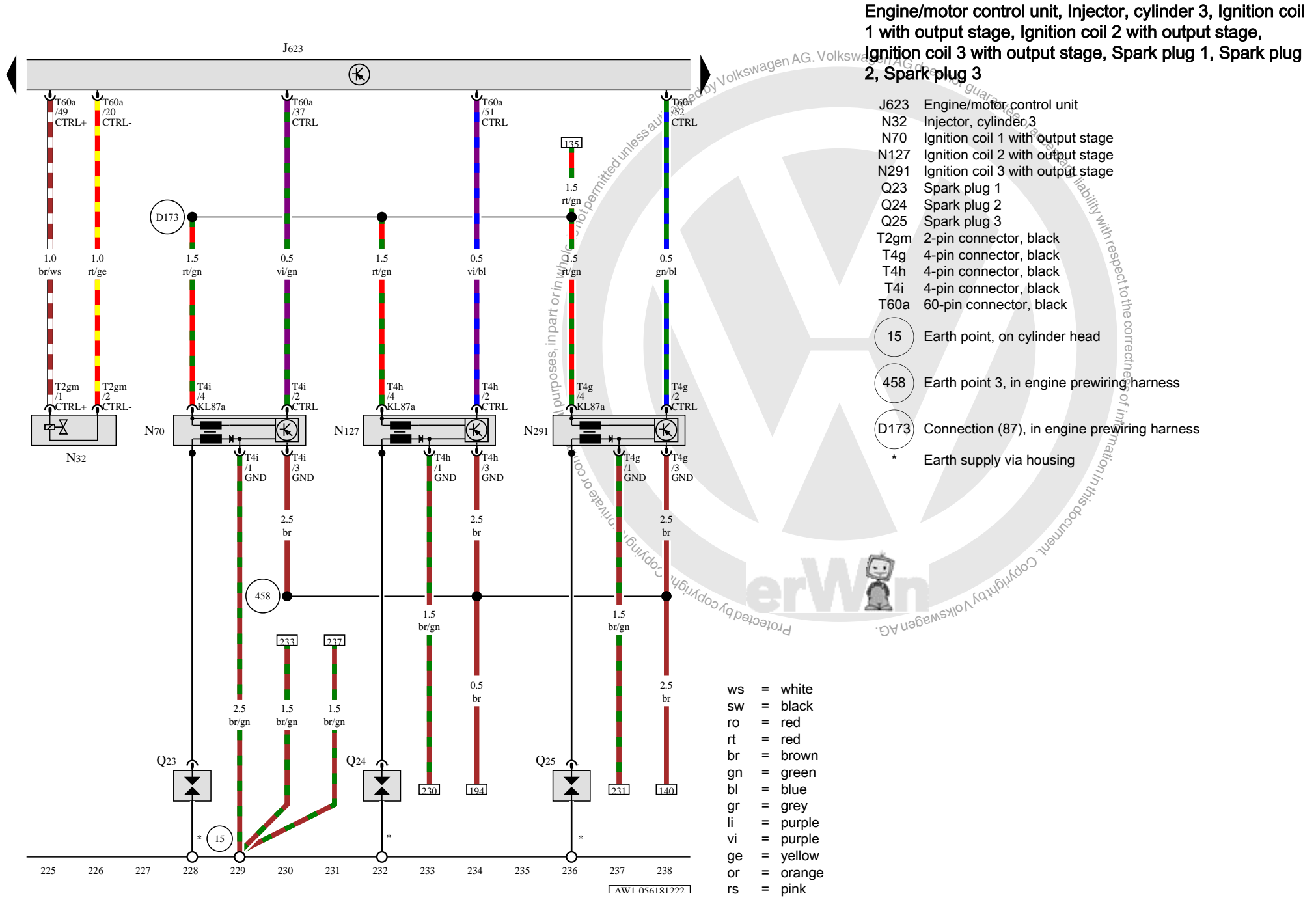


Battery, Battery monitor control unit, Fuse holder B

- A Battery
  - J367 Battery monitor control unit
  - J906 Starter relay 1
  - SA Fuse holder A
  - SA1 Fuse 1 on fuse holder A
  - SA2 Fuse 2 on fuse holder A
  - SB Fuse holder B
  - SB10 Fuse 10 on fuse holder B
  - SB12 Fuse 12 on fuse holder B
  - SB14 Fuse 14 on fuse holder B
  - T2aw 2-pin connector, black
- (12) Earth point, on left in engine compartment
  - (14) Earth point, on gearbox
  - (671) Earth point 1, on front of left longitudinal member
  - (B282) Positive connection 6 (15a) in main wiring harness
  - (D78) Positive connection 1 (30a), in engine compartment wiring harness
- \* see applicable current flow diagram for fuse assignment
  - \*2 For models with start/stop system
  - \*3 For models with manual gearbox

- 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

[AWT-056091222]

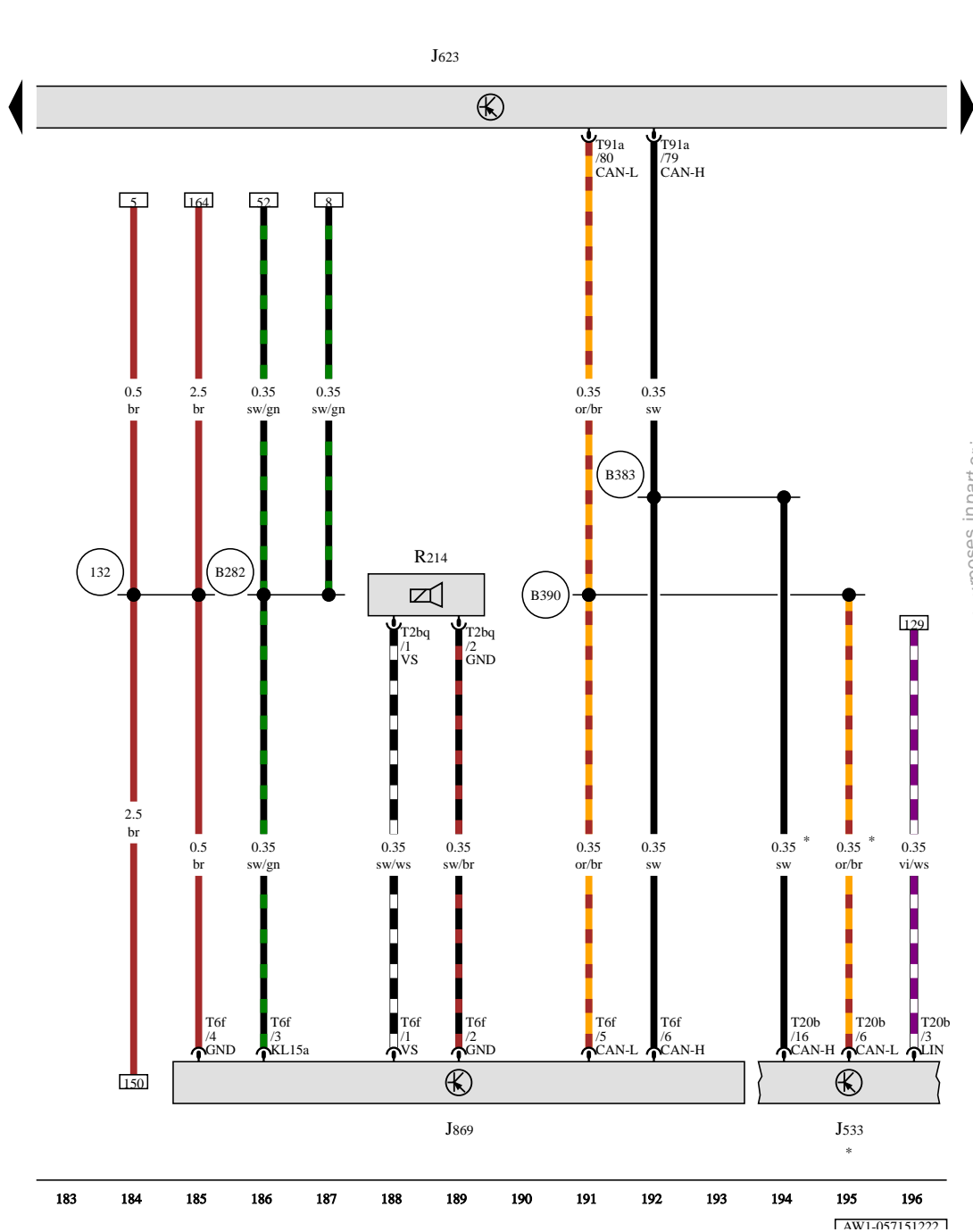


Engine/motor control unit, Injector, cylinder 3, Ignition coil 1 with output stage, Ignition coil 2 with output stage, Ignition coil 3 with output stage, Spark plug 1, Spark plug 2, Spark plug 3

- J623 Engine/motor control unit
- N32 Injector, cylinder 3
- 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
- T2gm 2-pin connector, black
- T4g 4-pin connector, black
- T4h 4-pin connector, black
- T4i 4-pin connector, black
- T60a 60-pin connector, black
- 15 Earth point, on cylinder head
- 458 Earth point 3, in engine prewiring harness
- D173 Connection (87), in engine prewiring harness
- \* Earth supply via housing

- 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

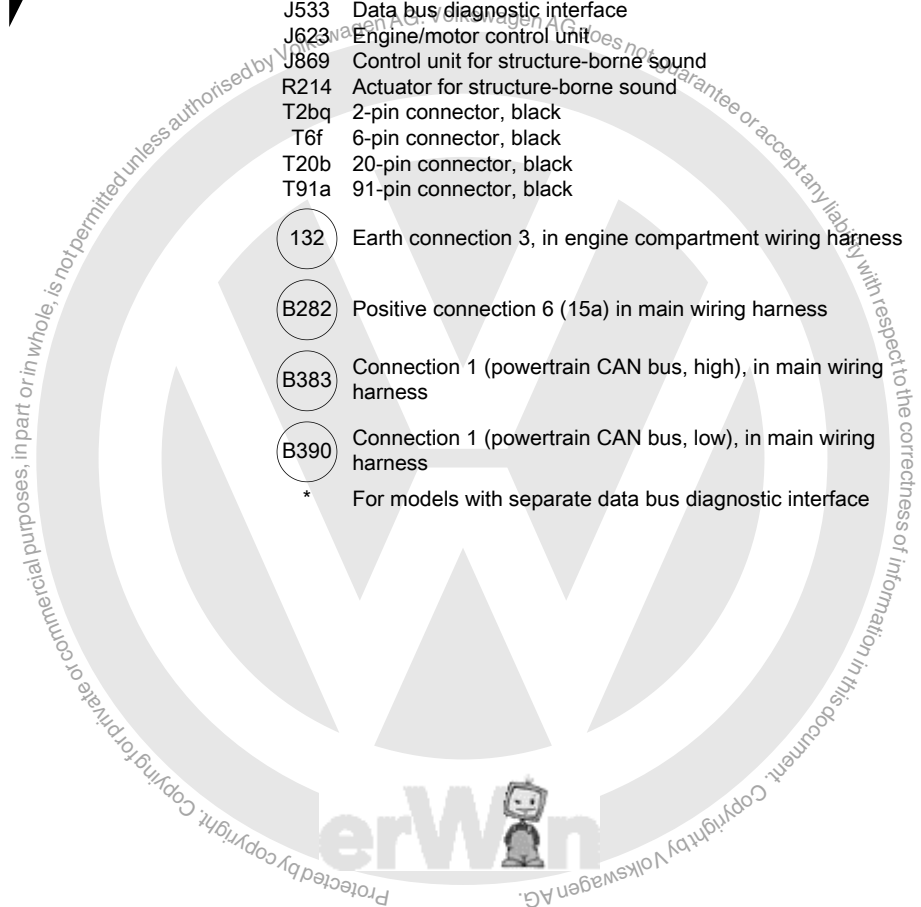
AWL-056181222



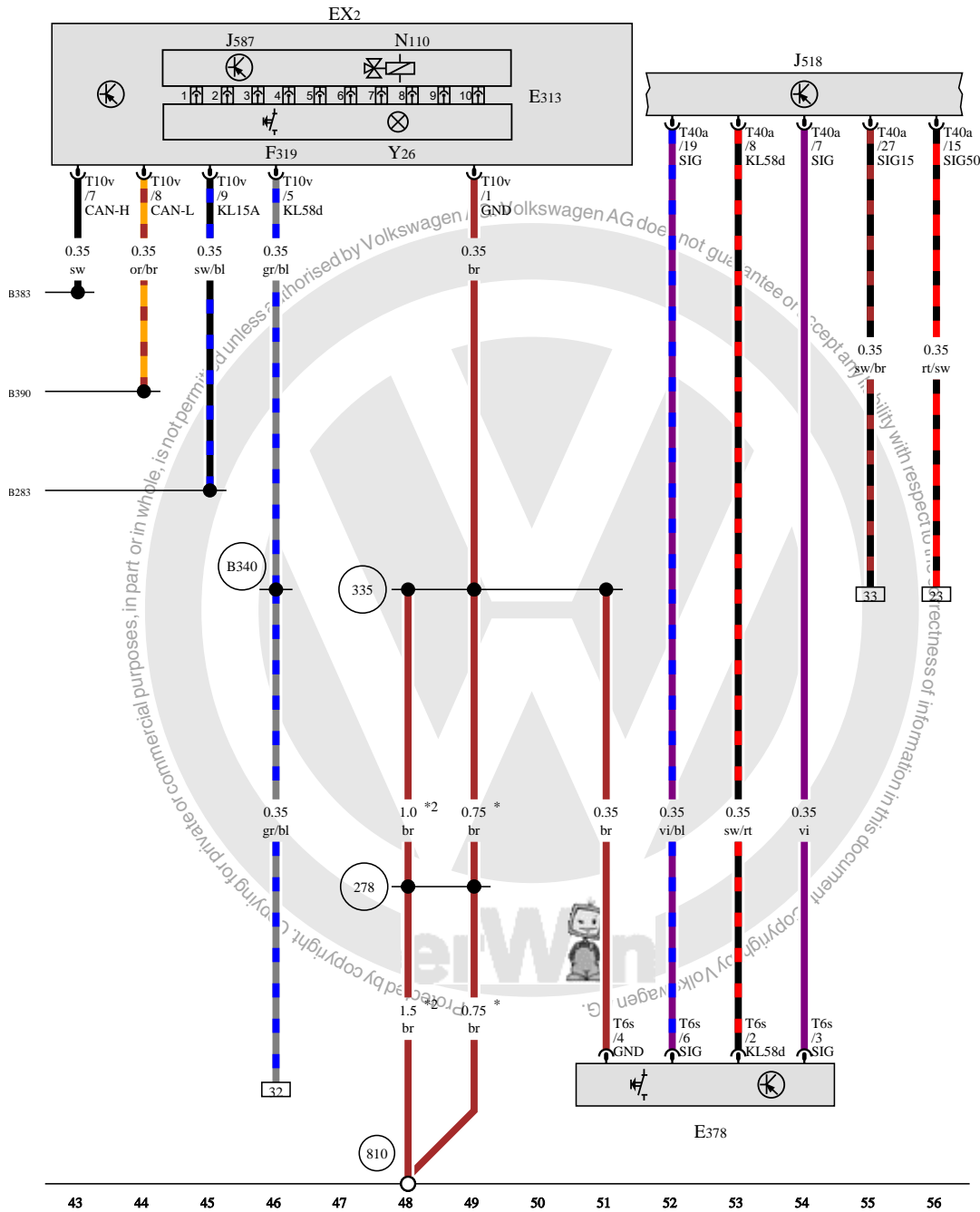
**Data bus diagnostic interface, Engine/motor control unit, Control unit for structure-borne sound, Actuator for structure-borne sound**

- J533 Data bus diagnostic interface
- J623 Engine/motor control unit
- J869 Control unit for structure-borne sound
- R214 Actuator for structure-borne sound
- T2bq 2-pin connector, black
- T6f 6-pin connector, black
- T20b 20-pin connector, black
- T91a 91-pin connector, black

- (132) Earth connection 3, in engine compartment wiring harness
- (B282) Positive connection 6 (15a) in main wiring harness
- (B383) Connection 1 (powertrain CAN bus, high), in main wiring harness
- (B390) Connection 1 (powertrain CAN bus, low), in main wiring harness
- \* For models with separate data bus diagnostic interface



- 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



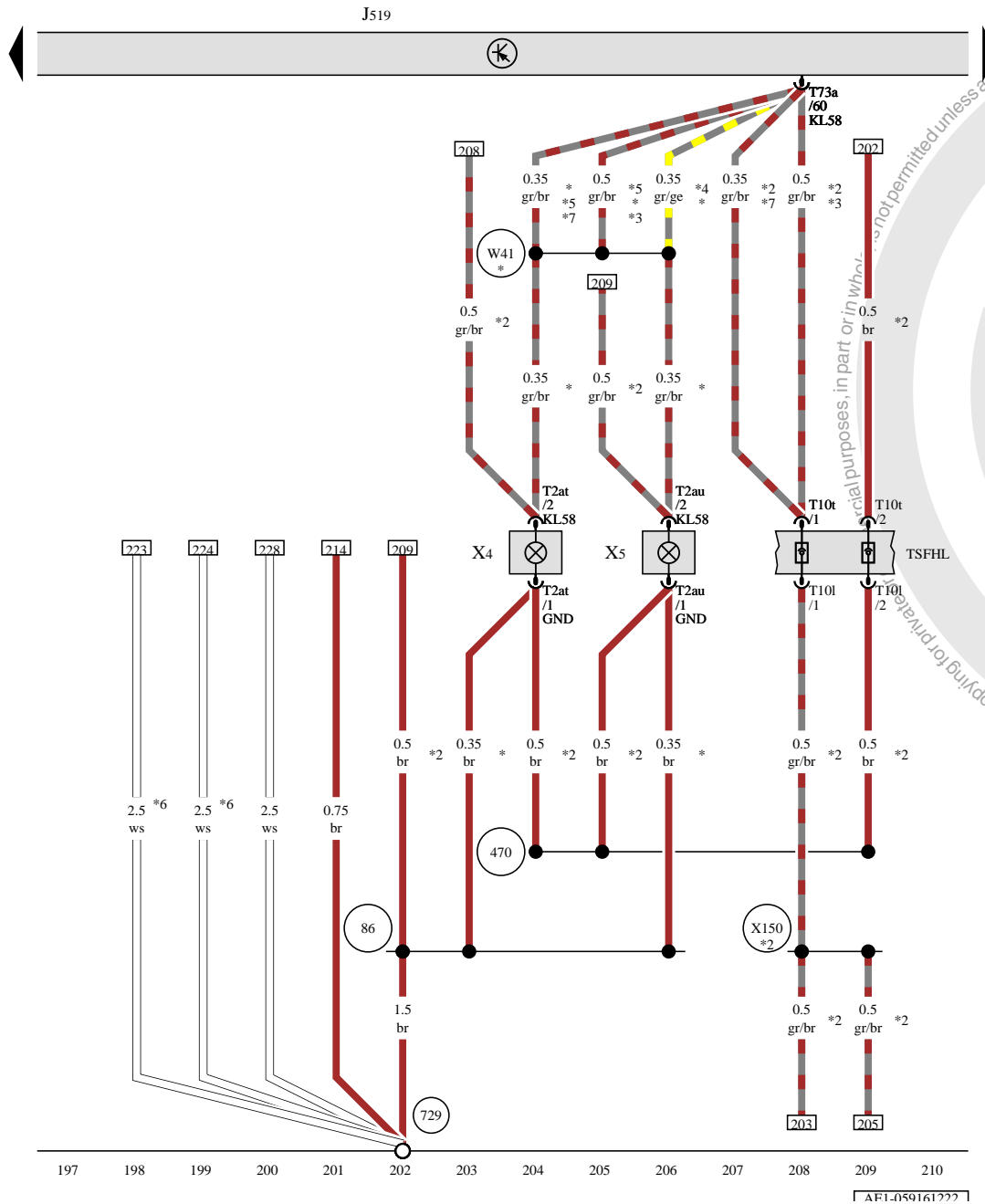
**Selector mechanism, Starter button, Entry and start authorisation control unit**

- EX2 Selector mechanism
  - E313 Selector lever
  - E378 Starter button
  - F319 Selector lever locked in position P switch
  - J518 Entry and start authorisation control unit
  - J587 Selector lever sensors control unit
  - N110 Selector lever lock solenoid
  - T6s 6-pin connector, white
  - T10v 10-pin connector, black
  - T40a 40-pin connector, black
  - Y26 Selector lever position display
- (278) Earth connection 4, in interior wiring harness
  - (335) Earth connection 5, in dash panel wiring harness
  - (810) Earth point on central tube for dash panel, centre left
  - (B283) Positive connection 7 (15a) in main wiring harness
  - (B340) Connection 1 (58d), in main wiring harness
  - (B383) Connection 1 (powertrain CAN bus, high), in main wiring harness
  - (B390) Connection 1 (powertrain CAN bus, low), in main wiring harness
- \* Up to November 2022  
 \*2 From November 2022

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

AW1-058051222

Onboard supply control unit, Left number plate light, Right number plate light



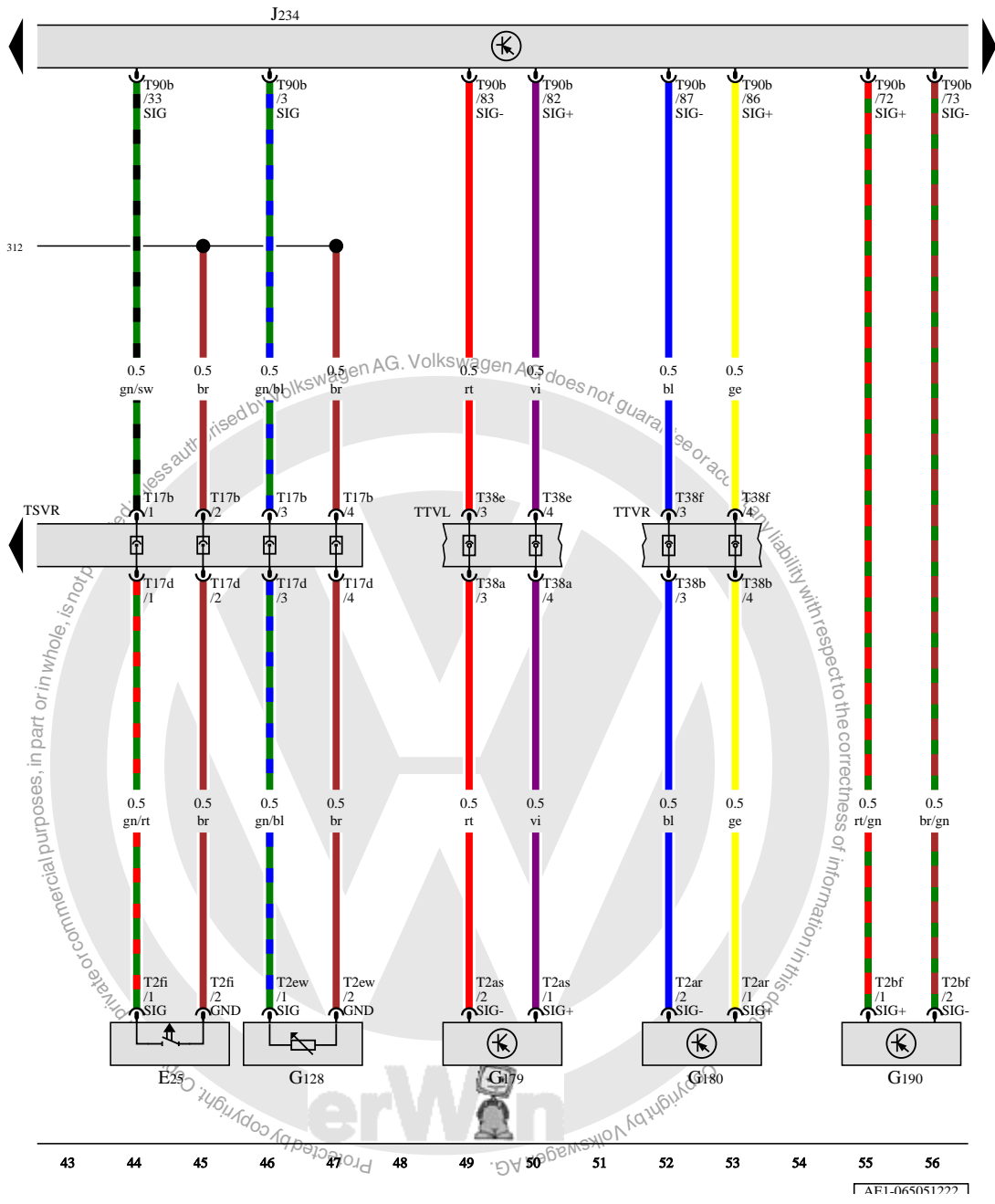
- J519 Onboard supply control unit
- T2at 2-pin connector, black
- T2au 2-pin connector, black
- T10t 10-pin connector, black
- T10t 10-pin connector, black
- T73a 73-pin connector, black
- TSFHL Coupling point on rear left bumper
- X4 Left number plate light
- X5 Right number plate light
- 86 Earth connection 1, in rear wiring harness
- 470 Earth connection 1, in rear bumper wiring harness
- 729 Earth point, on left rear wheel housing
- W41 Positive connection (58), in number plate lights wiring harness
- X150 Connection (58), in rear bumper wiring harness
- \* For models with no parking aid
- \*2 For models with parking aid (PDC)
- \*3 Up to November 2022
- \*4 For right-hand drive models
- \*5 For left-hand drive models
- \*6 According to equipment
- \*7 From November 2022

- ws = white
- sw = black
- ro = red
- rt = red
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- gn = green
- bl = blue
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- ge = yellow
- or = orange
- rs = pink

# Tail light clusters with LEDs , (8VP)

From June 2021





Front passenger side belt switch, Seat occupied sensor on front passenger side, Side airbag crash sensor on driver side, Side airbag crash sensor on front passenger side, Crash sensor for front airbag, Airbag control unit

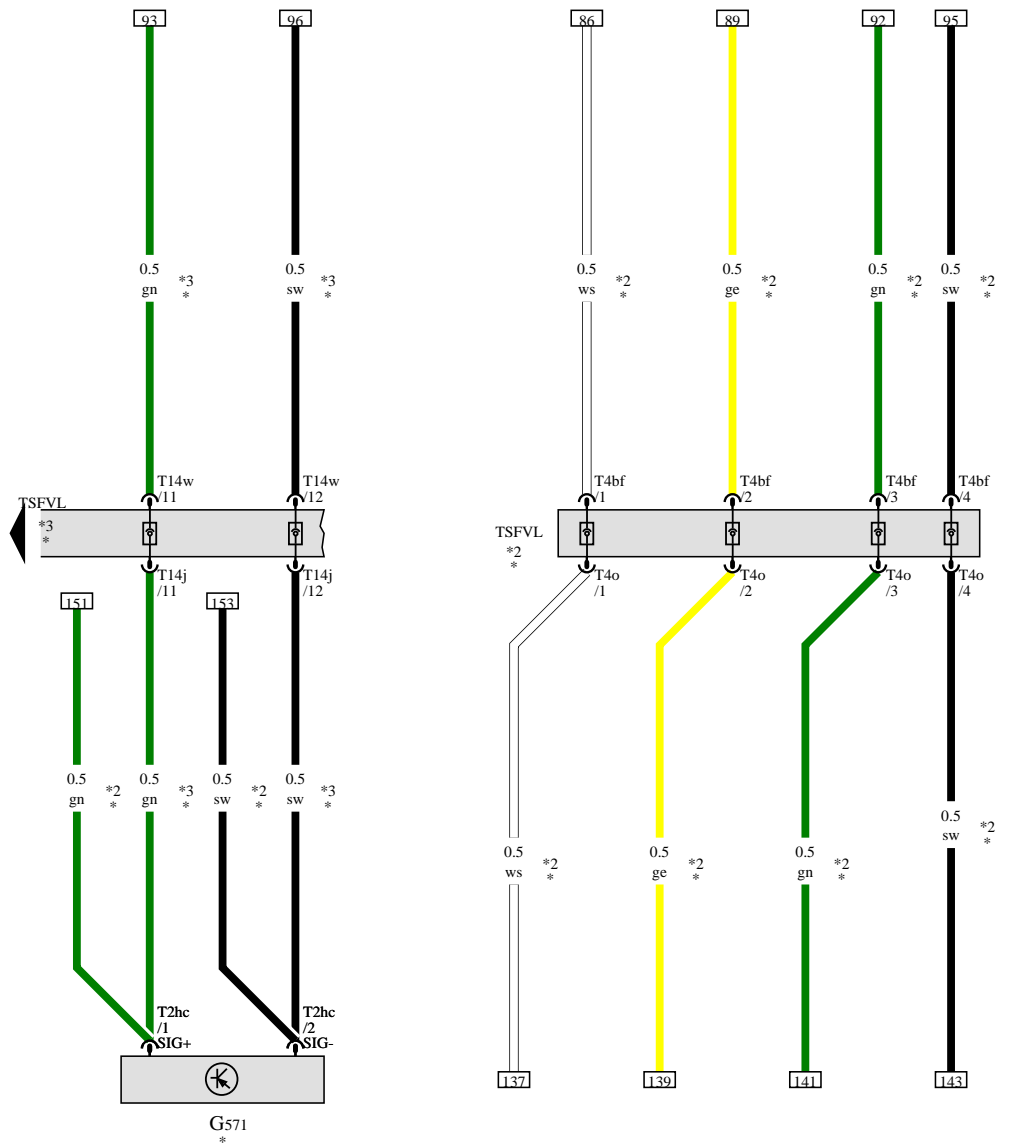
- E25 Front passenger side belt switch
- G128 Seat occupied sensor on front passenger side
- G179 Side airbag crash sensor on driver side
- G180 Side airbag crash sensor on front passenger side
- G190 Crash sensor for front airbag
- J234 Airbag control unit
- T2ar 2-pin connector, yellow
- T2as 2-pin connector, yellow
- T2bf 2-pin connector, yellow
- T2ew 2-pin connector, black
- T2fi 2-pin connector, black
- T17b 17-pin connector, yellow
- T17d 17-pin connector, yellow
- T38a 38-pin connector, black
- T38b 38-pin connector, black
- T38e 38-pin connector, black
- T38f 38-pin connector, black
- T90b 90-pin connector, yellow
- TSVR Coupling point for front right seat
- TTVL Coupling point for front left door
- TTVR Coupling point for front right door

312 Earth connection 2, in airbag 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

Front passenger side crash sensor for pedestrian protection, Coupling point on front left bumper

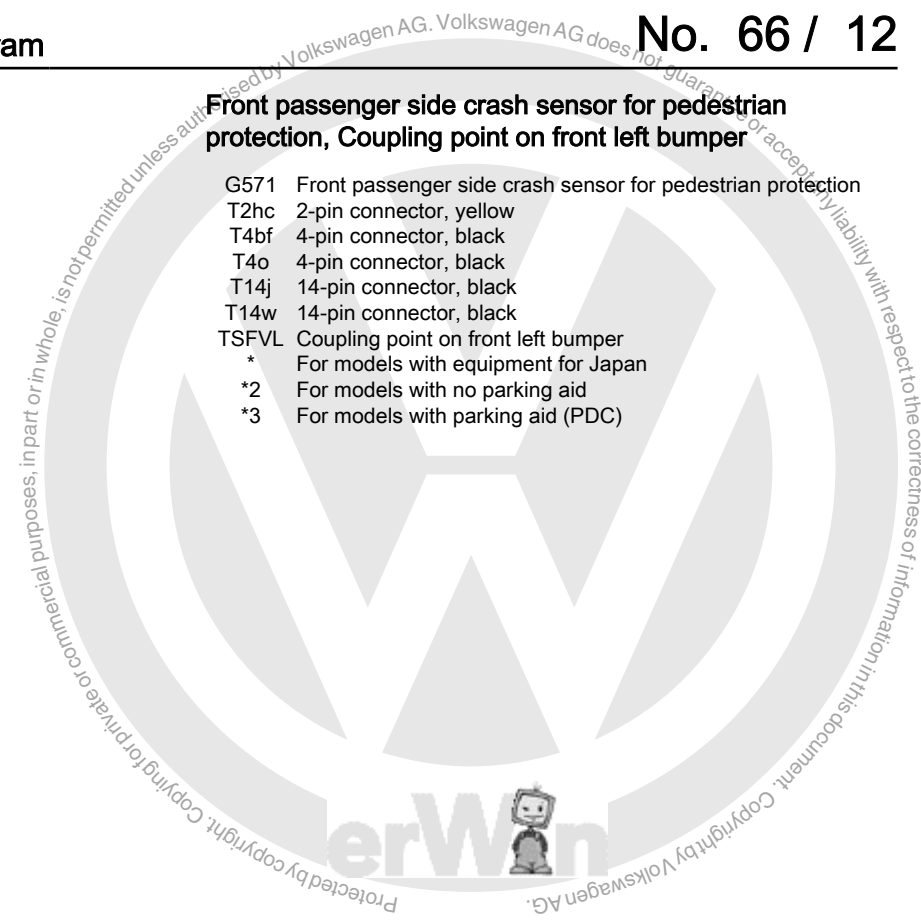
- G571 Front passenger side crash sensor for pedestrian protection
- T2hc 2-pin connector, yellow
- T4bf 4-pin connector, black
- T4o 4-pin connector, black
- T14j 14-pin connector, black
- T14w 14-pin connector, black
- TSFVL Coupling point on front left bumper
- \* For models with equipment for Japan
- \*2 For models with no parking aid
- \*3 For models with parking aid (PDC)



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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

141 142 143 144 145 146 147 148 149 150 151 152 153 154

[AFI-066121222]



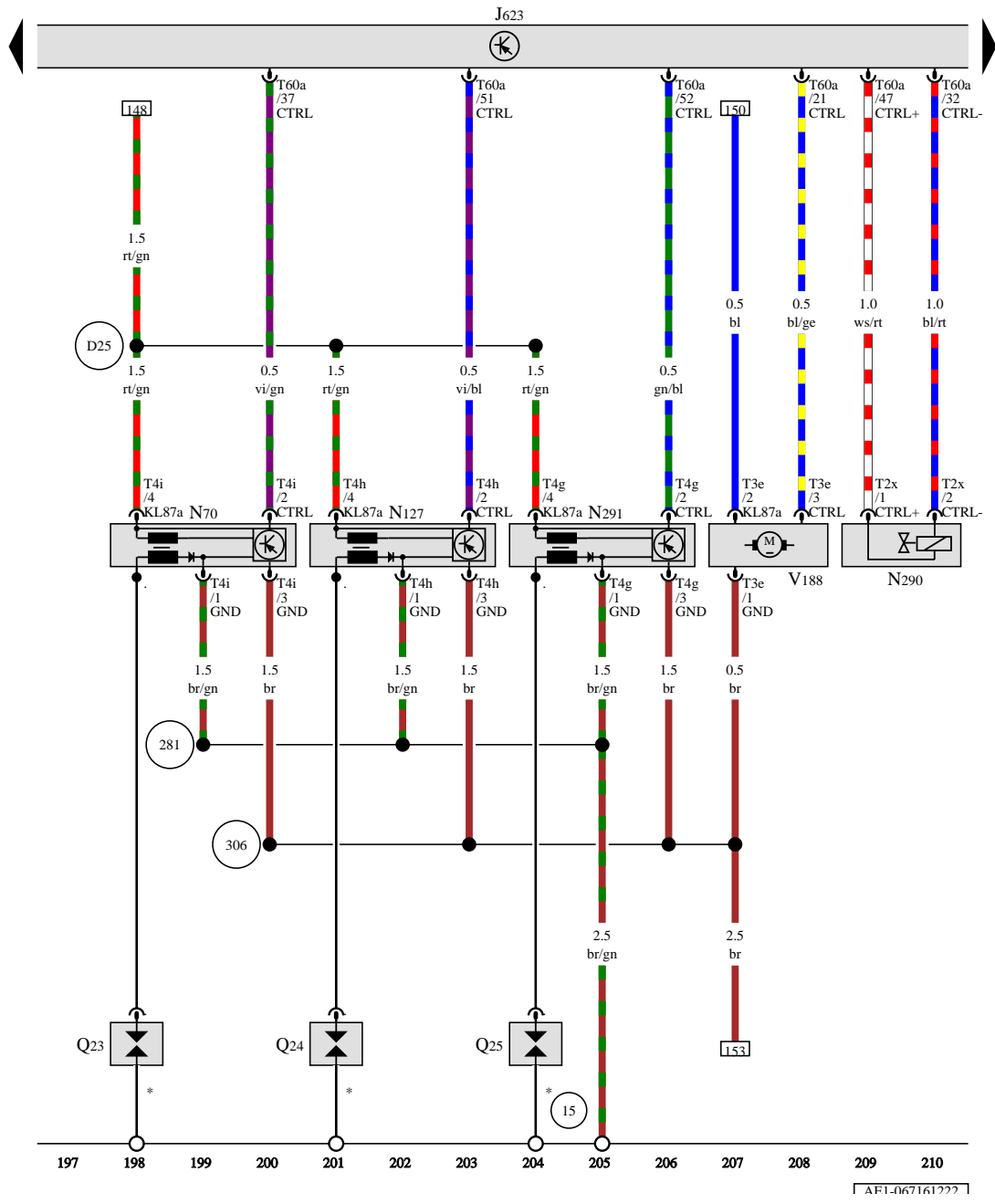
CLICK HERE TO **DOWNLOAD** THE COMPLETE MANUAL

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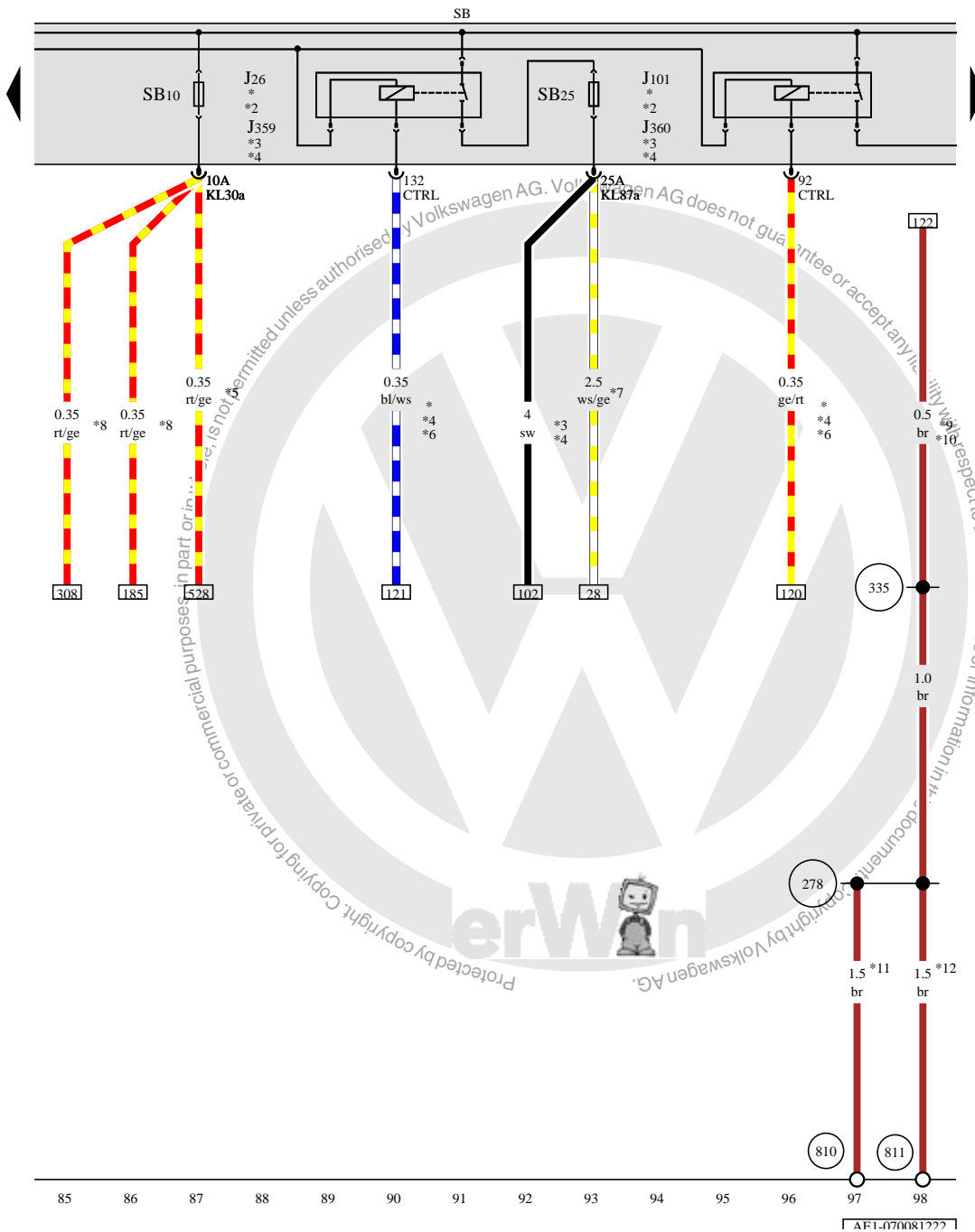
Engine/motor control unit, Ignition coil 1 with output stage, Ignition coil 2 with output stage, Fuel metering valve, Ignition coil 3 with output stage, Spark plug 1, Spark plug 2, Spark plug 3, Charge air cooling pump

- J623 Engine/motor control unit
- N70 Ignition coil 1 with output stage
- N127 Ignition coil 2 with output stage
- N290 Fuel metering valve
- N291 Ignition coil 3 with output stage
- Q23 Spark plug 1
- Q24 Spark plug 2
- Q25 Spark plug 3
- T2x 2-pin connector, black
- T3e 3-pin connector, black
- T4g 4-pin connector, black
- T4h 4-pin connector, black
- T4i 4-pin connector, black
- T60a 60-pin connector, black
- V188 Charge air cooling pump

- 15 Earth point, on cylinder head
- 281 Earth point 1, in engine prewiring harness
- 306 Earth connection (ignition coils), in engine prewiring harness
- D25 Positive connection (15), in engine prewiring harness
- \* Earth supply via housing

- 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

Radiator fan relay, Radiator fan 2nd speed relay, Low heat output relay, High heat output relay, Fuse holder B



- J26 Radiator fan relay
- J101 Radiator fan 2nd speed relay
- J359 Low heat output relay
- J360 High heat output relay
- SB Fuse holder B
- SB10 Fuse 10 on fuse holder B
- SB25 Fuse 25 on fuse holder B

- 278 Earth connection 4, in interior wiring harness
- 335 Earth connection 5, in dash panel wiring harness
- 810 Earth point on central tube for dash panel, centre left
- 811 Earth point on central tube for dash panel, centre right

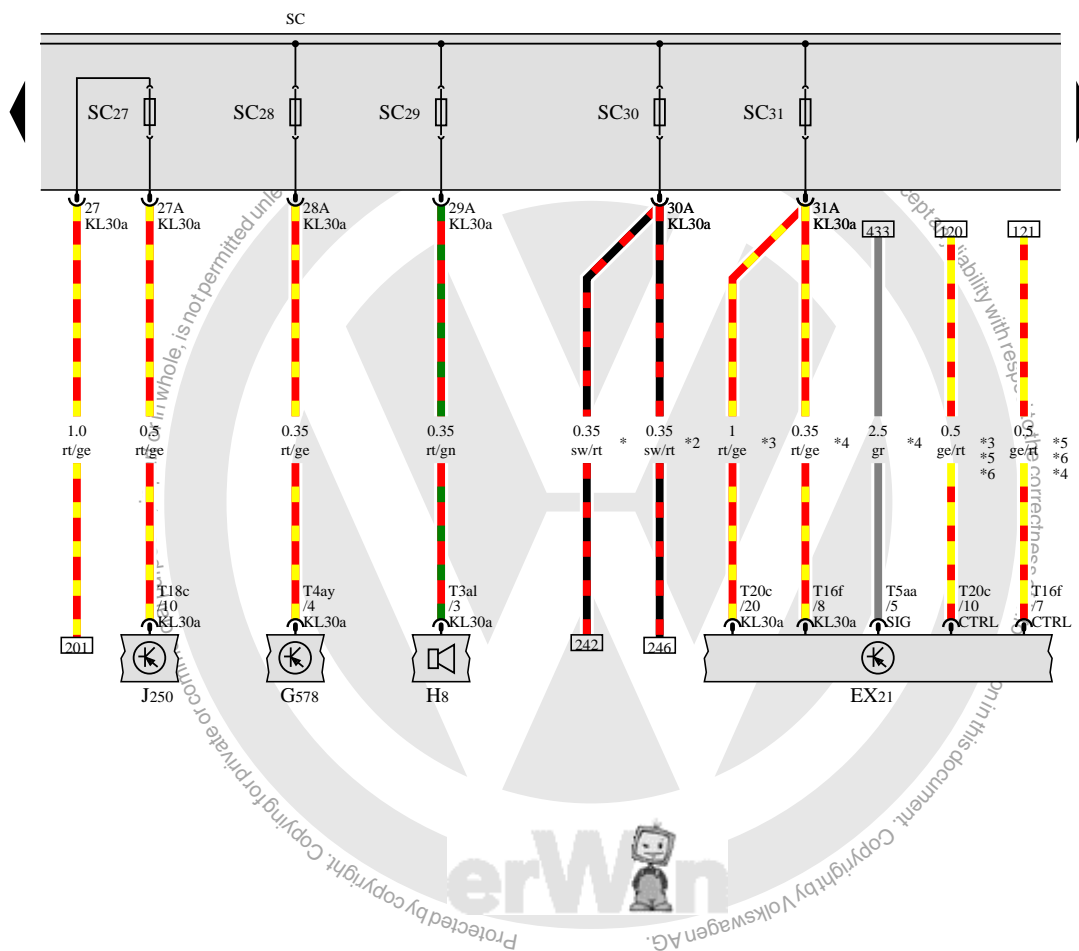
- \* For models with air conditioning system
- \*2 For petrol engine with no forced induction
- \*3 For models with diesel engine
- \*4 see applicable current flow diagram for engine
- \*5 For models with start/stop system
- \*6 Wiring colour depends on equipment
- \*7 According to equipment
- \*8 For models with no start/stop system
- \*9 For models with petrol engine
- \*10 For emission standard Euro 6 DG
- \*11 For left-hand drive models
- \*12 For right-hand drive models

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

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

AF1-070081???

Heater and air conditioning controls, Anti-theft alarm sensor, Anti-theft alarm system horn, Electronically controlled damping control unit, Fuse holder C



- EX21 Heater and air conditioning controls
- G578 Anti-theft alarm sensor
- H8 Anti-theft alarm system horn
- J250 Electronically controlled damping control unit
- SC Fuse holder C
- SC27 Fuse 27 on fuse holder C
- SC28 Fuse 28 on fuse holder C
- SC29 Fuse 29 on fuse holder C
- SC30 Fuse 30 on fuse holder C
- SC31 Fuse 31 on fuse holder C
- T3al 3-pin connector, black
- T4ay 4-pin connector, black
- T5aa 5-pin connector, black
- T16f 16-pin connector, black
- T18c 18-pin connector, black
- T20c 20-pin connector, black
- \* For right-hand drive models
- \*2 For left-hand drive models
- \*3 For models with Climatronic
- \*4 For models with no Climatronic
- \*5 For models with petrol engine
- \*6 For emission standard Euro 6 DG

- 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

# 1 Earth points

- ◆ ⇒ [p1.1 oints in front part of vehicle”, page 3](#)
- ◆ ⇒ [p1.2 oints in middle part of vehicle”, page 16](#)
- ◆ ⇒ [p1.3 oints in rear part of vehicle”, page 20](#)

Component	Chapter	Comment
12 Earth point, on left in engine compartment	⇒ <a href="#">f1.1.1 rom left”, page 4</a>	Torque 20 Nm
14 Earth point, on gearbox	⇒ <a href="#">g1.1.10 earbox”, page 13</a>	Torque 20 Nm
14 Earth point, on gearbox	⇒ <a href="#">c1.1.11 lutch gearbox 0CW”, page 14</a>	Torque 20 Nm
14 Earth point, on gearbox	⇒ <a href="#">c1.1.12 lutch gearbox, 0D9, 0GC”, page 15</a>	Torque 20 Nm
15 Earth point on cylinder head	⇒ <a href="#">p1.1.3 etrol engine, CHZB, CHZL, CHZJ, DKJA, DKLA, DKRA, DKRF, DLAA, DLAC, DXTA, DXUA”, page 6</a>	Torque 9 Nm
15 Earth point on cylinder head	⇒ <a href="#">p1.1.4 etrol and natural gas engine, CHYB, CHYC, DBYA”, page 7</a>	Torque 9 Nm
15 Earth point on cylinder head	⇒ <a href="#">p1.1.5 etrol engine, DFNA, DFNB, DSGB, DSGD”, page 8</a>	Torque 9 Nm
15 Earth point on cylinder head	⇒ <a href="#">p1.1.7 etrol engine, CWVB, DWYB”, page 10</a>	Torque 9 Nm
19 Earth point, near coil	⇒ <a href="#">p1.1.5 etrol engine, DFNA, DFNB, DSGB, DSGD”, page 8</a>	Torque 9 Nm
43 Earth point, lower part of right A-pillar	⇒ <a href="#">r1.2.2 ight of interior”, page 17</a>	Torque 9 Nm
44 Earth point, lower part of left A-pillar	⇒ <a href="#">l1.2.1 eft of interior”, page 16</a>	Torque 9 Nm
612 Earth point, centre on rear lid	⇒ <a href="#">r1.3.3 ight in luggage compartment, rear lid”, page 23</a>	Torque 2 Nm
618 Earth point on left of engine	⇒ <a href="#">p1.1.9 etrol engine, DNND”, page 12</a>	Torque 9 Nm
638 Earth point, on right A-pillar	⇒ <a href="#">r1.2.2 ight of interior”, page 17</a>	Torque 9 Nm

**44 - Earth point, lower part of left A-pillar**

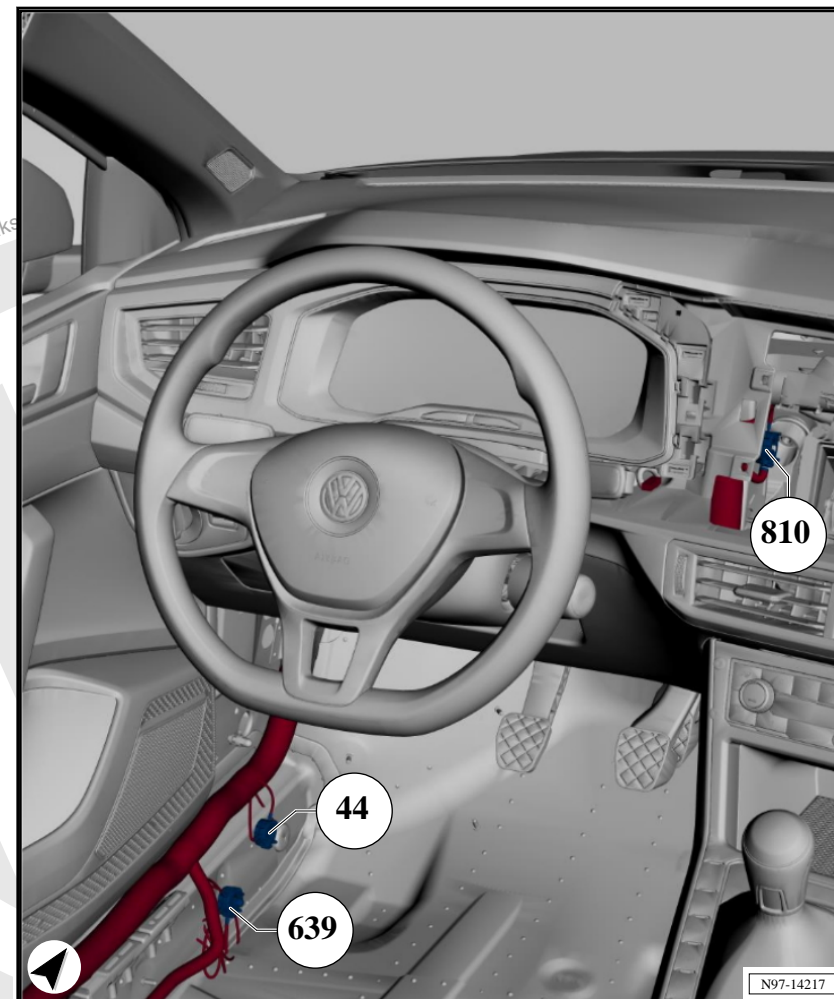
- Torque 9 Nm
- For right-hand drive models

**639 - Earth point, left A-pillar**

- Torque 9 Nm

**810 - Earth point on central tube for dash panel, centre left**

- Torque 9 Nm
- For left-hand drive models



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**1.2.2 Front right of interior**

Back to overview ⇒ [page 1](#)

1.3 Fuse holder B -SB-, sales type AW1, from November 2017

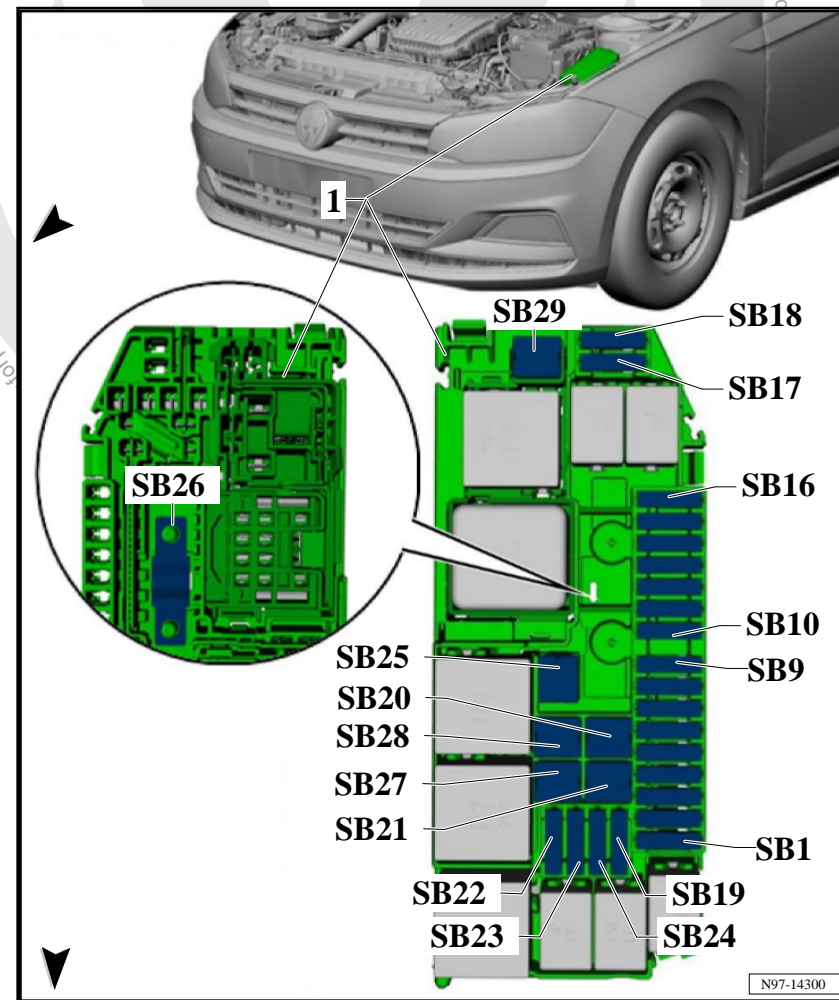
- ◆ ⇒ [1.3.1 location of fuse holder BSB, sales type AW1, from November 2017", page 10](#)
- ◆ ⇒ [a1.3.2 assignment for fuse holder BSB, sales type AW1, from November 2017", page 11](#)

1.3.1 Fitting location of fuse holder B -SB-, sales type AW1, from November 2017

**i** Note

For models with sales type AW1

1 - Fuse holder B -SB-



Slot	Current flow diagram designation	Nominal value	Function / component	Terminal
SB15	Fuse 15 on fuse holder B -SB15-	30 A <sup>13)</sup> 15 A <sup>14)</sup>	Mechatronic unit for dual clutch gearbox -J743-	30
SB16	not assigned	-		-
SB17	Fuse 17 on fuse holder B -SB17-	7.5 A	Engine/motor control unit -J623-	50
SB18	Fuse 18 on fuse holder B -SB18-	30 A	Starter -B-	50
SB19	not assigned	-		-
SB20	Fuse 20 on fuse holder B -SB20-	60 A	ABS control unit -J104-	30
SB21	Fuse 21 on fuse holder B -SB21-	25 A	ABS control unit -J104-	30
SB22	not assigned	-		-
SB23	not assigned	-		-
SB24	Fuse 24 on fuse holder B -SB24-	30 A	Radiator fan thermal switch -F18-	30
SB25	Fuse 25 on fuse holder B -SB25-	20 A <sup>1)5)</sup> 40 A <sup>7)</sup>	Radiator fan -VX57- <sup>1)5)</sup> Auxiliary air heater element -Z35- <sup>7)</sup>	87
SB26	Fuse 26 on fuse holder B -SB26- <sup>6)</sup>	50 A	Radiator fan -VX57- <sup>2)</sup>	30
SB27	Fuse 27 on fuse holder B -SB27-	30 A <sup>1)5)</sup> 40 A <sup>7)</sup>	Radiator fan -VX57- <sup>1)5)</sup> Auxiliary air heater element -Z35- <sup>7)</sup>	87
SB28	Fuse 28 on fuse holder B -SB28-	40 A <sup>7)</sup>	Auxiliary air heater element -Z35- <sup>7)</sup>	87
SB29	not assigned	-		-

1) For petrol engine with no forced induction

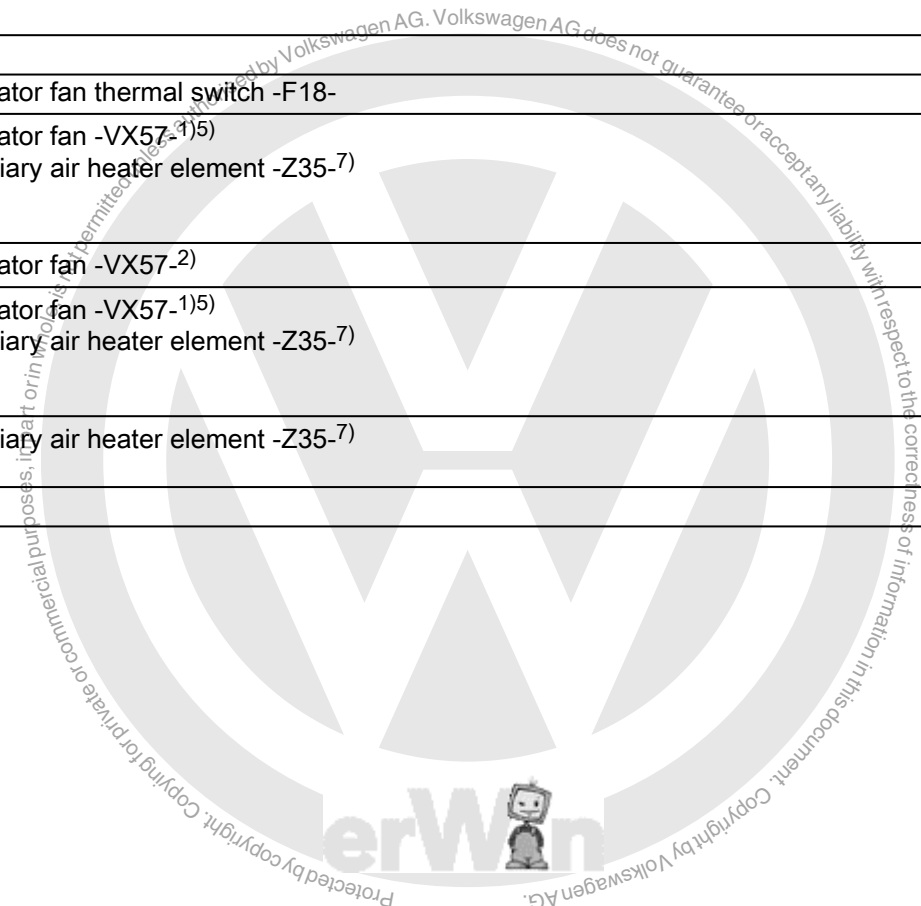
2) For petrol engine with forced induction

3) According to equipment

4) For models with natural gas engine

5) For models with air conditioning system

6) Fitting location on bottom of fuse holder B -SB-



Slot	Current flow diagram designation	Nominal value	Function / component	Terminal
SB3	Fuse 3 on fuse holder B -SB3-	10 A	Lambda probe 1 after catalytic converter -GX7- Lambda probe 1 before catalytic converter -GX10-	87
SB4	Fuse 4 on fuse holder B -SB4-	15 A	Fuel pump control unit -J538- <sup>2)</sup> Fuel pump relay -J17- <sup>1)</sup> Engine component power supply relay -J757- <sup>7)15)</sup>	87
SB5	Fuse 5 on fuse holder B -SB5-	10 A	Radiator fan -VX57- <sup>2)</sup> Activated charcoal filter solenoid valve 1 -N80- Camshaft control valve 1 -N205- Turbocharger air recirculation valve -N249- <sup>7)</sup> Intake manifold flap valve -N316- <sup>7)</sup> Exhaust camshaft control valve 1 -N318- <sup>2)</sup> High-pressure valve for gas mode -N372- Valve for oil pressure control -N428- <sup>2)7)</sup> Piston cooling jet control valve -N522- <sup>7)8)</sup> Inlet cam actuator for cylinder 2 -N583- <sup>13)</sup> Exhaust cam actuator for cylinder 2 -N587- <sup>13)</sup> Inlet cam actuator for cylinder 3 -N591- <sup>13)</sup> Exhaust cam actuator for cylinder 3 -N595- <sup>13)</sup> Inlet camshaft control valve 1 -N727- Oil level and oil temperature sender -G266- <sup>7)8)13)15)</sup>	87
SB6	Fuse 6 on fuse holder B -SB6-	20 A	Ignition coil 1 with output stage -N70- Ignition coil 2 with output stage -N127- Ignition coil 3 with output stage -N291-	87
SB7	Fuse 7 on fuse holder B -SB7-	10 A <sup>7)</sup> 15 A <sup>2)</sup>	Coolant shut-off valve -N82- <sup>7)</sup> Coolant valve for gearbox -N488- <sup>7)</sup> Vacuum pump for brakes -V192- <sup>2)</sup>	87
SB8	Fuse 8 on fuse holder B -SB8-	10 A	Engine component power supply relay -J757- <sup>7)15)</sup> Injector, cylinder 1 -N30- <sup>1)</sup> Injector, cylinder 2 -N31- <sup>1)</sup> Injector, cylinder 3 -N32- <sup>1)</sup> Injector, cylinder 4 -N33- <sup>1)</sup> Gas injection valve 1 -N366- <sup>4)</sup> Gas injection valve 2 -N367- <sup>4)</sup>	87

**Fuse colours for ATO flat blade fuse:**

- ◆ 40 A - orange
- ◆ 30 A - light green
- ◆ 25 A - natural (white)
- ◆ 20 A - yellow
- ◆ 15 A - light blue
- ◆ 10 A - red
- ◆ 7.5 A - brown
- ◆ 5 A - light brown
- ◆ 1 A - black

**Fuse colours, for mini fuses:**

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

[Back to overview ⇒ page 1](#)

**1.10.3 Fuse assignment for fuse holder C -SC1, sales type AW1, from November 2017**



**Note**

*For models with sales type AW1*

Slot	Current flow diagram designation	Nominal value	Function / component	Terminal
SC1	Fuse 1 on fuse holder C -SC1-	20 A	Trailer detector control unit -J345-	30
SC2	not assigned	-		-
SC3	Fuse 3 on fuse holder C -SC3-	30 A	Digital sound package control unit -J525-	30

[Back to overview](#) ⇒ [page 1](#)

### 1.12.2 Fitting location of fuse holder C -SC-, RHD models, sales type AW1, from July 2019



**Note**

- ◆ *For right-hand drive models*
- ◆ *For models with sales type AW1*



◆ ⇒ [a1.14.3 ssignment for fuse holder CSC, sales type AE1, from June 2021", page 94](#)

### 1.14.1 Fitting location of fuse holder C -SC-, LHD models, sales type AE1, from June 2021

 Note

- ◆ *For left-hand drive models*
- ◆ *For models with sales type AE1*



Slot	Current flow diagram designation	Nominal value	Function / component	Terminal
SC40	Fuse 40 on fuse holder C -SC40-	7.5 A	Diagnostic connection -U31- Rotary light switch -EX1- Steering column electronics control unit -J527- Front left headlight -MX1- <sup>7)</sup> Front right headlight -MX2- <sup>7)</sup> Headlight range control regulator -E102- Switch module 1 in centre console -EX23- Reversing light switch -F4- Interior mirror -EX5-	15
SC41	Fuse 41 on fuse holder C -SC41-	7.5 A	Exterior mirror adjuster -EX11-	15
SC42	Fuse 42 on fuse holder C -SC42-	7.5 A	Starter relay 1 -J906- Starter relay 2 -J907- Clutch position sender -G476- <sup>8)</sup> Pressure sender for refrigerant circuit -G805- <sup>5)</sup> Control unit for structure-borne sound -J869- <sup>12)</sup> Relay for gas shut-off valves -J908- <sup>1)</sup>	15
SC43	Fuse 43 on fuse holder C -SC43-	15 A	Washer pump relay -J576- <sup>9)</sup> Rear window wiper motor -V12- Left washer jet heater element -Z20- Right washer jet heater element -Z21-	15
SC44	Fuse 44 on fuse holder C -SC44-	7.5 A	Airbag control unit -J234- Warning lamp for airbag deactivated on front passenger side -K145-	15
SC45	not assigned	-		
SC46	not assigned	-		
SC47	not assigned	-		-
SC48	Fuse 48 on fuse holder C -SC48-	7.5 A	Control unit for electronic steering column lock -J764- Entry and start authorisation control unit -J518-	30
SC49	not assigned	-		-
SC50	not assigned	-		-
SC51	not assigned	-		-
SC52	Fuse 52 on fuse holder C -SC52-	10 A	Front right headlight -MX2- <sup>10)</sup>	30

[Back to overview](#) ⇒ [page 1](#)

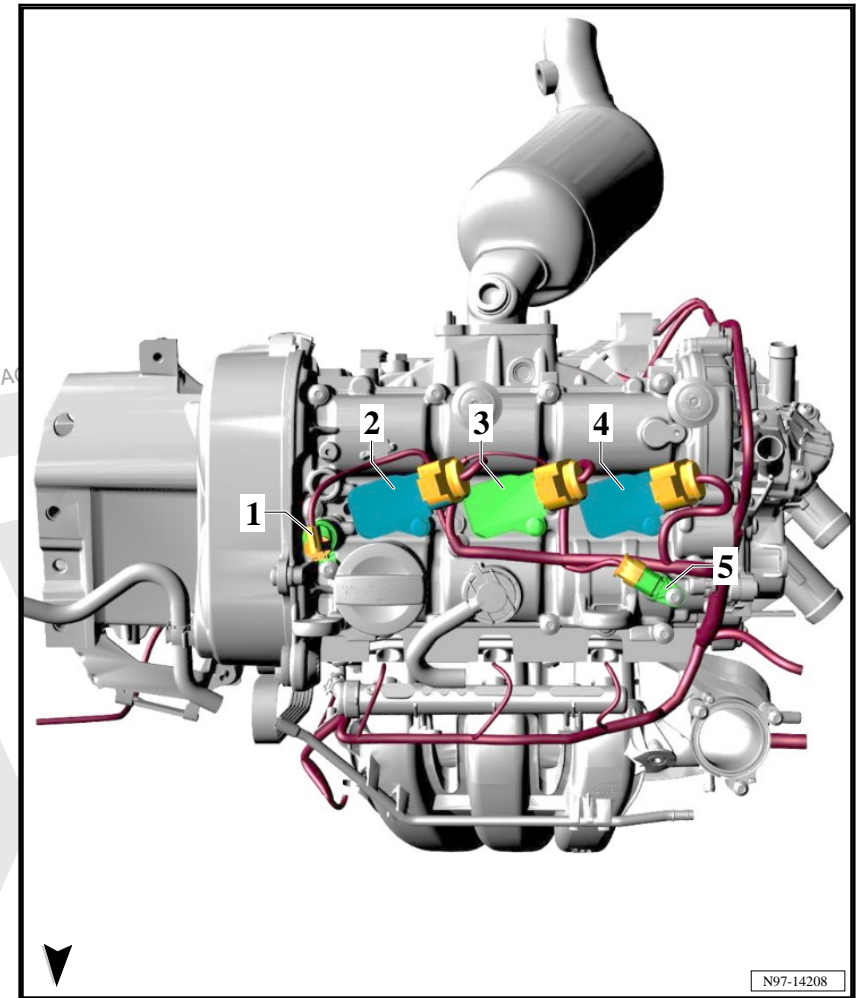


Component	Chapter	Comment
Air conditioner compressor regulating valve -N280-	⇒ <a href="#">p1.10.1 etrol engine, CWVB, DWYB, from front", page 47</a>	
Air conditioner compressor regulating valve -N280-	⇒ <a href="#">d1.11.1 iesel engine, DGTC, DGTD, from front", page 51</a>	
Air conditioner compressor regulating valve -N280-	⇒ <a href="#">p1.12.1 etrol engine, CZPC, DKZC, from front", page 55</a>	
Fuel metering valve -N290-	⇒ <a href="#">p1.6.1 etrol/natural gas engine, CHZB, CHZJ, CHZL, DBYA, DKJA, DKLA, DKRA, DKRF, DXTA, DXUA, from front", page 34</a>	For models with engine code DXTA, DXUA
Fuel metering valve -N290-	⇒ <a href="#">p1.8.2 etrol engine, DLAA, DLAC, from above", page 40</a>	
Fuel metering valve -N290-	⇒ <a href="#">p1.9.2 etrol engine, DADA, DPCA, from above", page 43</a>	
Fuel metering valve -N290-	⇒ <a href="#">d1.11.1 iesel engine, DGTC, DGTD, from front", page 51</a>	
Fuel metering valve -N290-	⇒ <a href="#">p1.12.4 etrol engine, DNND, from above", page 58</a>	
Ignition coil 3 with output stage -N291-	⇒ <a href="#">p1.5.2 etrol engine, CHYB,CHYC from above", page 32</a>	
Ignition coil 3 with output stage -N291-	⇒ <a href="#">p1.6.2 etrol/natural gas engine, CHZB, CHZJ, CHZL, DBYA, DKJA, DKLA, DKRA, DKRF, DXTA, DXUA, from above", page 35</a>	
Ignition coil 3 with output stage -N291-	⇒ <a href="#">p1.7.2 etrol engine, DFNA, DFNB, DSGB, DSGD, from above", page 37</a>	
Ignition coil 3 with output stage -N291-	⇒ <a href="#">p1.8.2 etrol engine, DLAA, DLAC, from above", page 40</a>	
Ignition coil 3 with output stage -N291-	⇒ <a href="#">p1.9.2 etrol engine, DADA, DPCA, from above", page 43</a>	
Ignition coil 3 with output stage -N291-	⇒ <a href="#">p1.10.2 etrol engine, CWVB, DWYB, from above", page 47</a>	
Ignition coil 3 with output stage -N291-	⇒ <a href="#">p1.12.3 etrol engine, CZPC, DKZC, from above", page 57</a>	
Ignition coil 3 with output stage -N291-	⇒ <a href="#">p1.12.4 etrol engine, DNND, from above", page 58</a>	
Ignition coil 4 with output stage -N292-	⇒ <a href="#">p1.9.2 etrol engine, DADA, DPCA, from above", page 43</a>	
Ignition coil 4 with output stage -N292-	⇒ <a href="#">p1.10.2 etrol engine, CWVB, DWYB, from above", page 47</a>	
Ignition coil 4 with output stage -N292-	⇒ <a href="#">p1.12.3 etrol engine, CZPC, DKZC, from above", page 57</a>	
Ignition coil 4 with output stage -N292-	⇒ <a href="#">p1.12.4 etrol engine, DNND, from above", page 58</a>	

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1.5.2 1.0l petrol engine, CHYB, CHYC from above

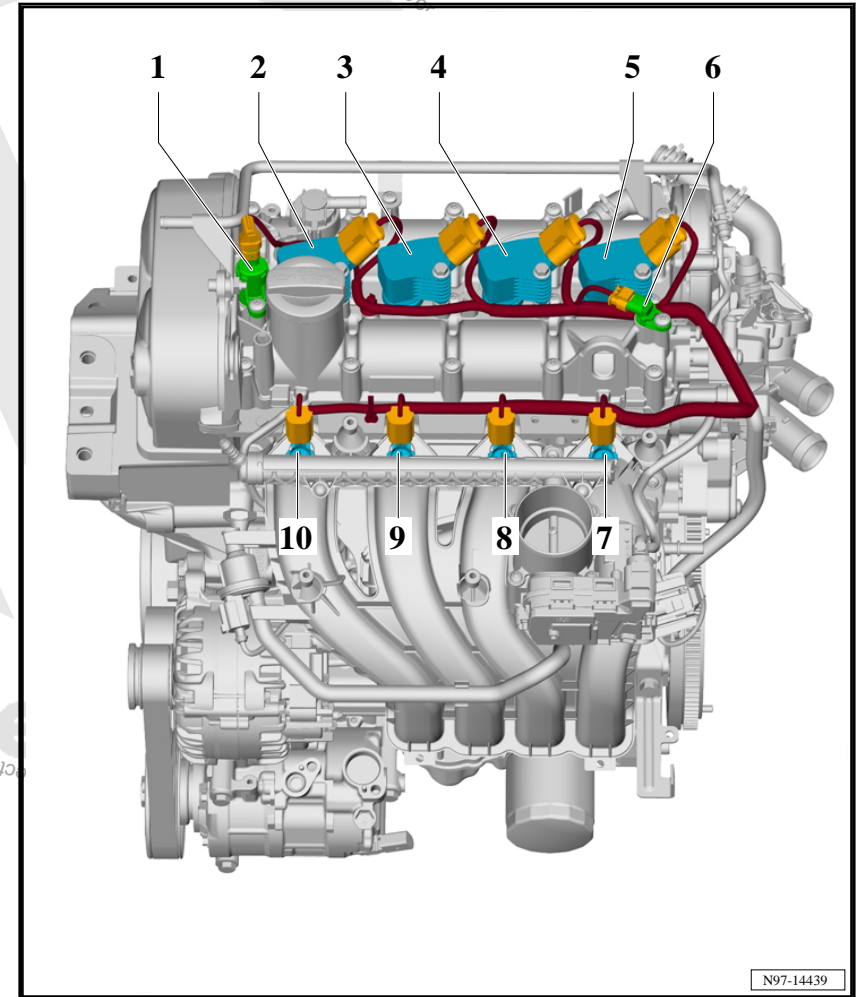
- 1 - Camshaft control valve 1 -N205-
- 2 - Ignition coil 1 with output stage -N70-
- 3 - Ignition coil 2 with output stage -N127-
- 4 - Ignition coil 3 with output stage -N291-
- 5 - Hall sender -G40-



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1.5.3 1.0l petrol engine, CHYB, CHYC from rear

- 1 - Camshaft control valve 1 -N205-
- 2 - Ignition coil 1 with output stage -N70-
- 3 - Ignition coil 2 with output stage -N127-
- 4 - Ignition coil 3 with output stage -N291-
- 5 - Ignition coil 4 with output stage -N292-
- 6 - Hall sender -G40-
- 7 - Injector, cylinder 4 -N33-
- 8 - Injector, cylinder 3 -N32-
- 9 - Injector, cylinder 2 -N31-
- 10 - Injector, cylinder 1 -N30-



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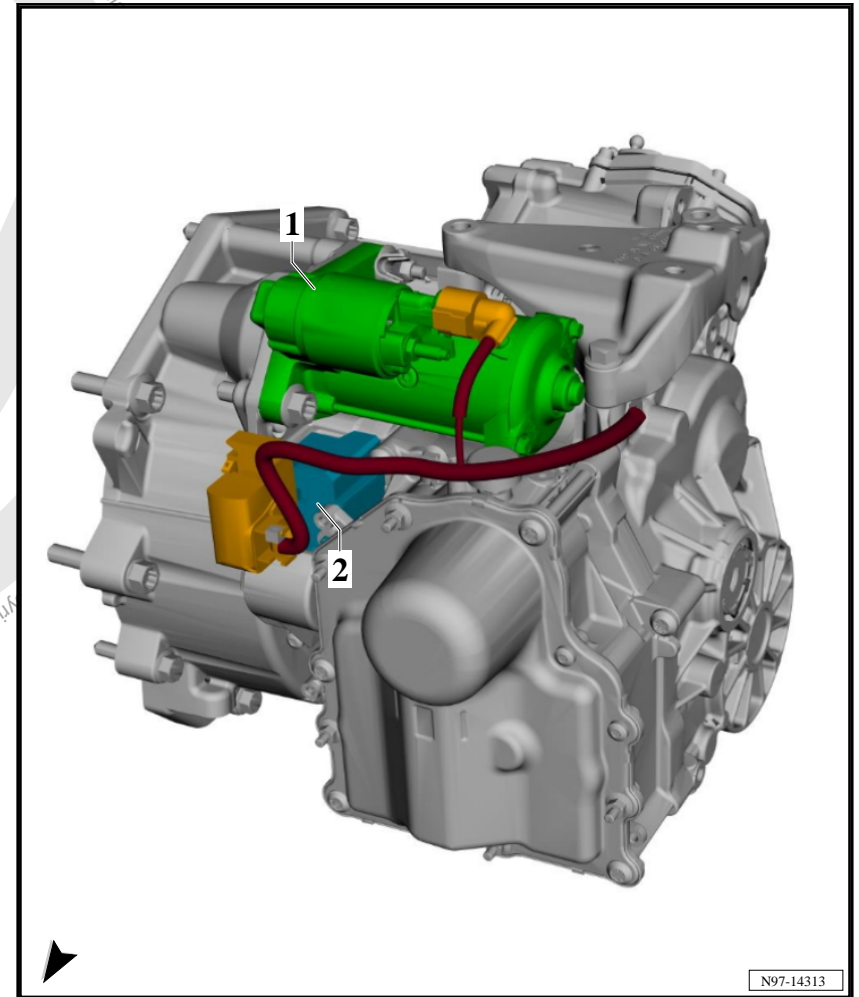
1.10.3 1.6l petrol engine, CWVB, DWYB, from left

◆ ⇒ [g1.14 earbox", page 66](#)

1.13.1 Dual clutch gearbox, 0CW

1 - Starter -B-

2 - Mechatronic unit for dual clutch gearbox -J743-

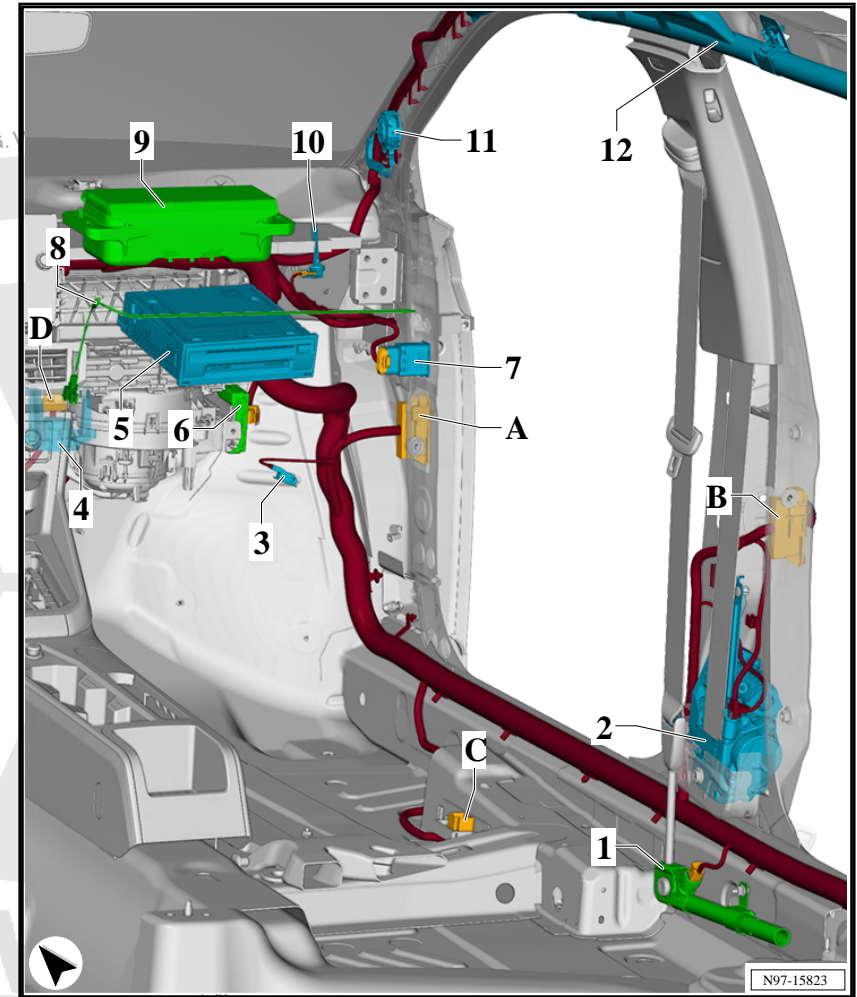


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1.13.2 Dual clutch gearbox, 0D9

Component	Chapter	Comment
38-pin connector -T38e-	⇒ I1.1.1 eft of interior, LHD models, sales type AW1", page 16	
38-pin connector -T38e-	⇒ I1.1.2 eft of interior, LHD models, sales type AE1", page 18	
38-pin connector -T38e-	⇒ I1.1.3 eft of interior, RHD models, sales type AW1", page 20	
38-pin connector -T38e-	⇒ I1.1.4 eft of interior, RHD models, sales type AE1", page 22	
38-pin connector -T38f-	⇒ r1.1.7 ight of interior, LHD models, sales type AW1", page 26	
38-pin connector -T38f-	⇒ r1.1.8 ight of interior, LHD models, sales type AE1", page 28	
38-pin connector -T38f-	⇒ r1.1.9 ight of interior, RHD models, sales type AW1", page 30	
38-pin connector -T38f-	⇒ r1.1.10 ight of interior, RHD models, sales type AE1", page 32	
3-pin connector -T3ar-	⇒ r1.1.7 ight of interior, LHD models, sales type AW1", page 26	
3-pin connector -T3ar-	⇒ r1.1.9 ight of interior, RHD models, sales type AW1", page 30	
3-pin connector -T3as-	⇒ I1.1.1 eft of interior, LHD models, sales type AW1", page 16	
3-pin connector -T3as-	⇒ I1.1.3 eft of interior, RHD models, sales type AW1", page 20	
3-pin connector -T3bf-	⇒ I1.1.1 eft of interior, LHD models, sales type AW1", page 16	
3-pin connector -T3bj-	⇒ r1.1.7 ight of interior, LHD models, sales type AW1", page 26	
3-pin connector -T3cq-	⇒ r1.1.9 ight of interior, RHD models, sales type AW1", page 30	
3-pin connector -T3cr-	⇒ I1.1.3 eft of interior, RHD models, sales type AW1", page 20	
46-pin connector -T46a-	⇒ s1.6.1 upply control unitJ519", page 58	
4-pin connector -T4aq-	⇒ r1.1.7 ight of interior, LHD models, sales type AW1", page 26	
4-pin connector -T4bc-	⇒ I1.1.3 eft of interior, RHD models, sales type AW1", page 20	
4-pin connector -T4bh-	⇒ d1.4.1 oor, left-hand drive models", page 47	

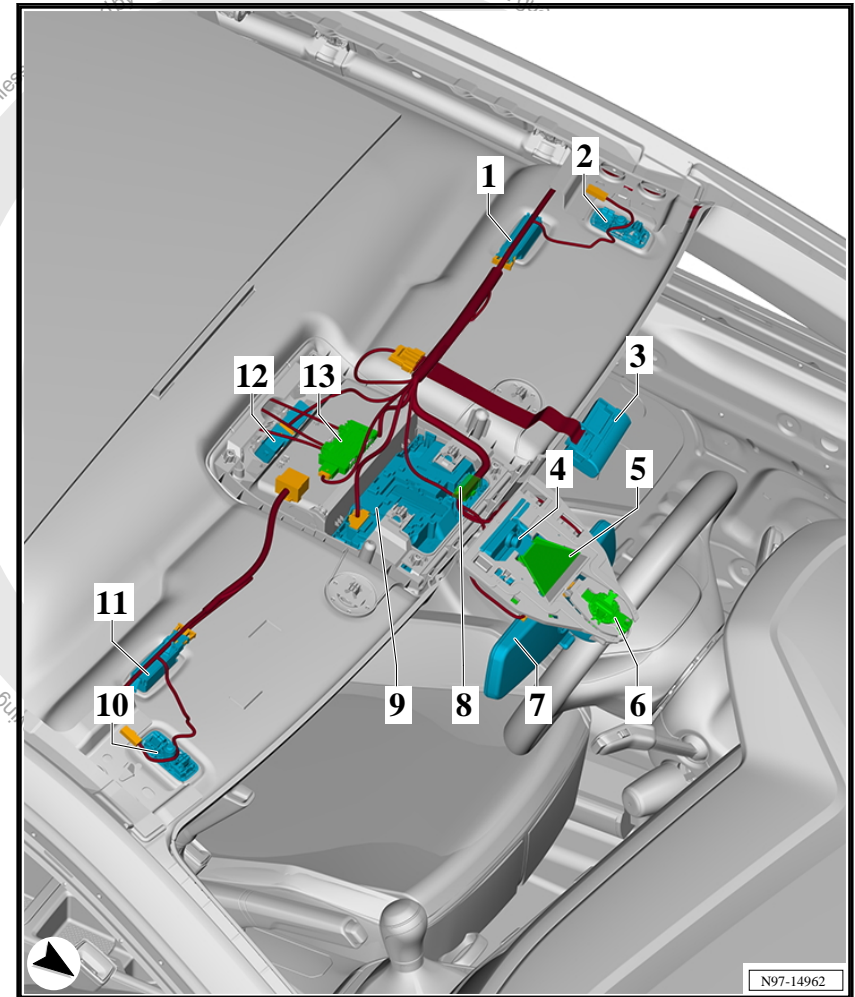
- A - 38-pin connector -T38f- , black
- B - 28-pin connector -T28b- , black
- C - 17-pin connector -T17b-, yellow/17-pin connector -T17d-, yellow
- D - 2-pin connector -T2cb- , black/2-pin connector -T2ha-, black
  - For models with air conditioning system
- 1 - Igniter for front passenger side seat belt tensioner 2 -N298-
- 2 - Front right seat belt -NX11-
- 3 - Front right footwell light -K269-
- 4 - Loudspeaker for emergency call module -R335-
- 5 - Control unit 1 for information electronics -J794-
  - For models with Composition Media, Discover Media/Discover Pro (Standard/High)
  - Fitting location for models with Composition Touch, Composition Colour (Entry)
    - [⇒ Item 7 \(page 34\)](#)
- 5 - CD player -R89-
  - According to equipment
- 6 - Entry and start authorisation control unit -J518-
  - For models with entry and start authorisation
- 7 - Key operated switch to deactivate airbag on front passenger side -E224-
- 8 - Light for right dashboard background lighting -L230-
- 9 - Airbag igniter 1 on front passenger side -N131-
- 10 - Right vent temperature sender -G151-
- 11 - Front right treble loudspeaker -R22-
- 12 - Front passenger side curtain airbag igniter -N252-



◆ => s1.3.2 liding/tilting sunroof, 3FB", page 46

### 1.3.1 Roof, part 1

- 1 - Rear left illuminated vanity mirror -W49-
- 2 - Rear left vanity mirror contact switch -F298-
- 3 - Traffic data aerial -R173-
  - For models with equipment for Japan
- 4 - Front camera for driver assist systems -R242-
- 5 - Windscreen heater for front sensors -Z113-
- 6 - Rain and light sensor -G397-
- 7 - Interior mirror -EX5-
- 8 - Telephone microphone -R38-
- 9 - Front interior light -WX1-
- 10 - Rear right vanity mirror contact switch -F299-
- 11 - Rear right illuminated vanity mirror -W50-
- 12 - Operating unit for preparation for mobile telephone -E508-
- 13 - Anti-theft alarm sensor -G578-



Component	Chapter	Comment
Left tail light cluster -MX3-	⇒ <a href="#">s1.3.2 ide, view from left, sales type AE1", page 9</a>	
Right tail light cluster -MX4-	⇒ <a href="#">s1.5 ide, view from right", page 11</a>	
Left tail light cluster 2 -MX5-	⇒ <a href="#">I1.1.2 id, sales type AE1", page 6</a>	
Right tail light cluster 2 -MX6-	⇒ <a href="#">I1.1.2 id, sales type AE1", page 6</a>	
Rear belt tensioner igniter on driver side -N196-	⇒ <a href="#">s1.5 ide, view from right", page 11</a>	
Rear belt tensioner igniter on passenger side -N197-	⇒ <a href="#">s1.3.1 ide, view from left, sales type AW1", page 8</a>	
Rear belt tensioner igniter on passenger side -N197-	⇒ <a href="#">s1.3.2 ide, view from left, sales type AE1", page 9</a>	
Battery isolation igniter -N253-	⇒ <a href="#">c1.4 entre view", page 10</a>	For models with battery at rear
Left aerial module -R108-	⇒ <a href="#">I1.1.1 id, sales type AW1", page 4</a>	
Left aerial module -R108-	⇒ <a href="#">I1.1.2 id, sales type AE1", page 6</a>	
Right aerial module -R109-	⇒ <a href="#">I1.1.1 id, sales type AW1", page 4</a>	
Right aerial module -R109-	⇒ <a href="#">I1.1.2 id, sales type AE1", page 6</a>	
Rear bumper aerial for entry and start system -R136-	⇒ <a href="#">b1.2 umper", page 7</a>	
Frequency modulation (FM) frequency filter in negative wire -R178-	⇒ <a href="#">I1.1.1 id, sales type AW1", page 4</a>	
Frequency modulation (FM) frequency filter in negative wire -R178-	⇒ <a href="#">I1.1.2 id, sales type AE1", page 6</a>	
Frequency modulation (FM) frequency filter in positive wire -R179-	⇒ <a href="#">I1.1.1 id, sales type AW1", page 4</a>	
Frequency modulation (FM) frequency filter in positive wire -R179-	⇒ <a href="#">I1.1.2 id, sales type AE1", page 6</a>	
Subwoofer -R211-	⇒ <a href="#">s1.5 ide, view from right", page 11</a>	
LTE aerial 1 -R297-	⇒ <a href="#">b1.2 umper", page 7</a>	
LTE aerial 2 -R306-	⇒ <a href="#">b1.2 umper", page 7</a>	
Transmission and reception stabilisation control unit -R308-	⇒ <a href="#">s1.3.1 ide, view from left, sales type AW1", page 8</a>	
Transmission and reception stabilisation control unit -R308-	⇒ <a href="#">s1.3.2 ide, view from left, sales type AE1", page 9</a>	
10-pin connector -T10a-	⇒ <a href="#">I1.1.1 id, sales type AW1", page 4</a>	
10-pin connector -T10a-	⇒ <a href="#">I1.1.2 id, sales type AE1", page 6</a>	
10-pin connector -T10aw-	⇒ <a href="#">s1.3.2 ide, view from left, sales type AE1", page 9</a>	
10-pin connector -T10b-	⇒ <a href="#">s1.5 ide, view from right", page 11</a>	
10-pin connector -T10c-	⇒ <a href="#">s1.5 ide, view from right", page 11</a>	
10-pin connector -T10d-	⇒ <a href="#">I1.1.1 id, sales type AW1", page 4</a>	
10-pin connector -T10d-	⇒ <a href="#">I1.1.2 id, sales type AE1", page 6</a>	

**A - 4-pin connector -T4ax-, black/4-pin connector -T4bk-, black**

For models up to November 2018

**A - 6-pin connector -T6v-, black/6-pin connector -T6w-, black**

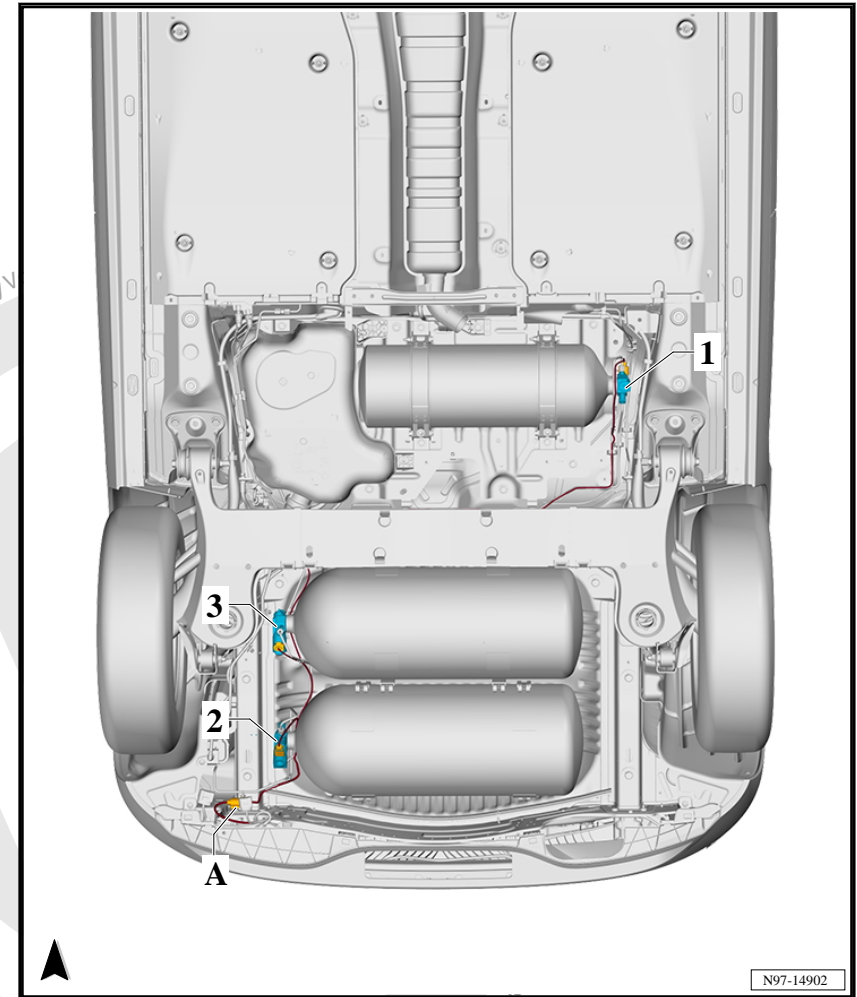
for models from November 2018 only

**1 - Fuel tank shut-off valve 3 -N363-**

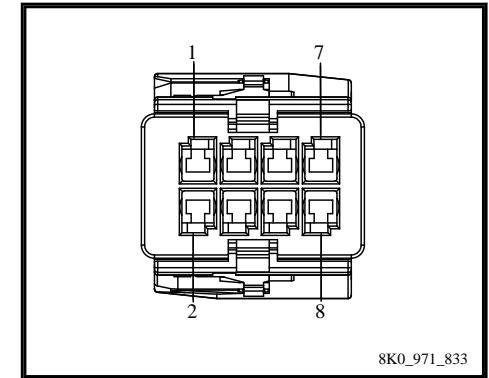
for models from November 2018 only

**2 - Fuel tank shut-off valve 2 -N362-**

**3 - Fuel tank shut-off valve 1 -N361-**



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**1.11 Exterior mirror adjuster -EX11-**

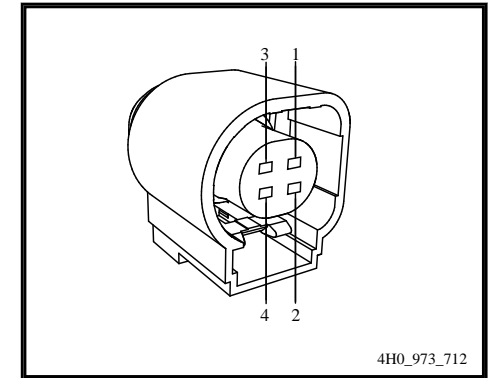
◆ ⇒ [c1.11.1 connector T6e", page 11](#)

◆ ⇒ [c1.11.2 connector T10h", page 12](#)

**1.11.1 6-pin connector -T6e-**

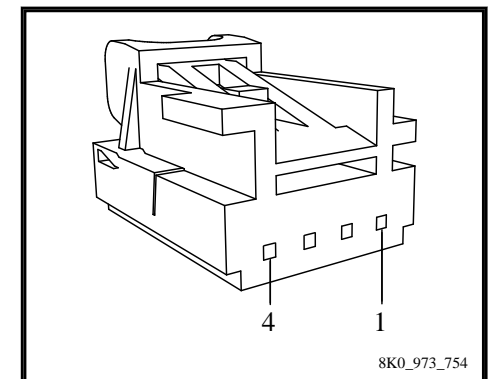
**6-pin connector -T6e-**

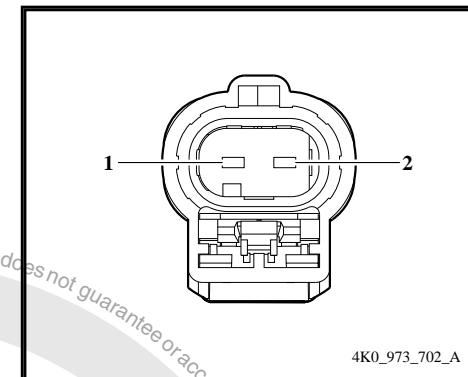




1.19.4 4-pin connector -T4e-

4-pin connector -T4e-

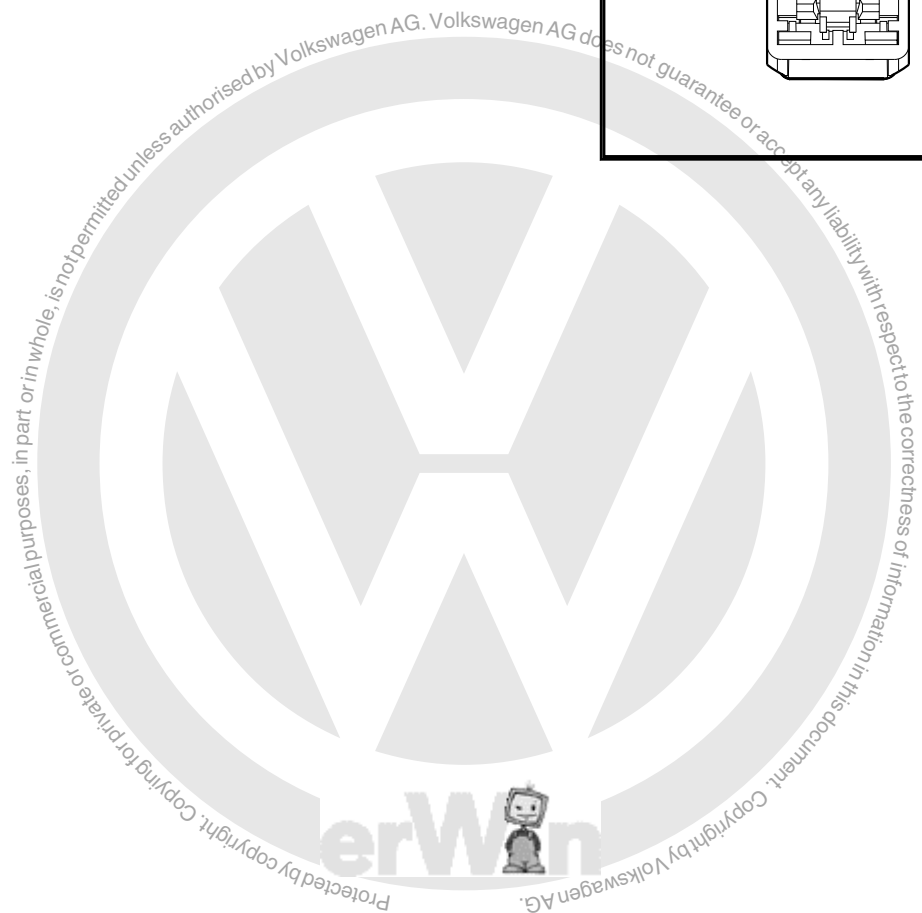




1.14 Actuator 3 for camshaft adjustment -F368-

1.14.1 2-pin connector -T2iw-

2-pin connector -T2iw-

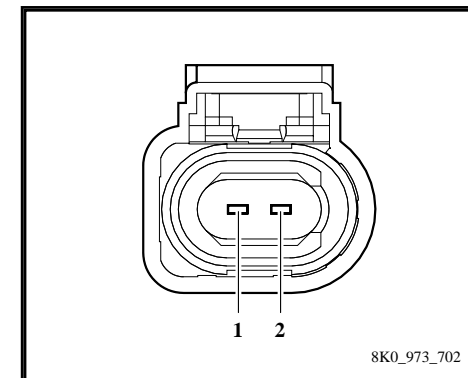


- ◆ ⇒ [p1.52 position senderG476", page 60](#)
- ◆ ⇒ [d1.53 differential senderG505", page 61](#)
- ◆ ⇒ [l1.54 left sender for park assist steering on left side of vehicleG568", page 62](#)
- ◆ ⇒ [r1.55 right sender for park assist steering on right side of vehicleG569", page 63](#)
- ◆ ⇒ [s1.56 side crash sensor for pedestrian protectionG570", page 64](#)
- ◆ ⇒ [p1.57 passenger side crash sensor for pedestrian protectionG571", page 65](#)
- ◆ ⇒ [a1.58 alarm sensorG578", page 66](#)
- ◆ ⇒ [p1.59 pressure hose sensor for pedestrian protectionG579", page 67](#)
- ◆ ⇒ [11.60 for pedestrian protectionG598", page 69](#)
- ◆ ⇒ [21.61 for pedestrian protectionG599", page 69](#)
- ◆ ⇒ [s1.62 sensor for front left exterior door handleG605", page 70](#)
- ◆ ⇒ [s1.63 sensor for front right exterior door handleG606", page 71](#)
- ◆ ⇒ [s1.64 senderG608", page 72](#)
- ◆ ⇒ [c1.65 crash sensor for pedestrian protectionG693", page 73](#)
- ◆ ⇒ [n1.66 neutral position senderG704", page 74](#)
- ◆ ⇒ [l1.67 left park assist steering senderG716", page 75](#)
- ◆ ⇒ [r1.68 right park assist steering senderG717", page 76](#)
- ◆ ⇒ [s1.69 sender for refrigerant circuitG805", page 77](#)
- ◆ ⇒ [c1.70 camshaft position senderG1002", page 78](#)
- ◆ ⇒ [c1.71 camshaft position senderG1003", page 80](#)
- ◆ ⇒ [s1.72 seat occupied sensor, centreG1010", page 80](#)
- ◆ ⇒ [d1.73 delivery unitGX1", page 81](#)
- ◆ ⇒ [p1.74 pedal moduleGX2", page 83](#)
- ◆ ⇒ [v1.75 valve moduleGX3", page 83](#)
- ◆ ⇒ [p1.76 probe 1 after catalytic converterGX7", page 85](#)
- ◆ ⇒ [m1.77 manifold senderGX9", page 86](#)



2-pin connector -T2k-

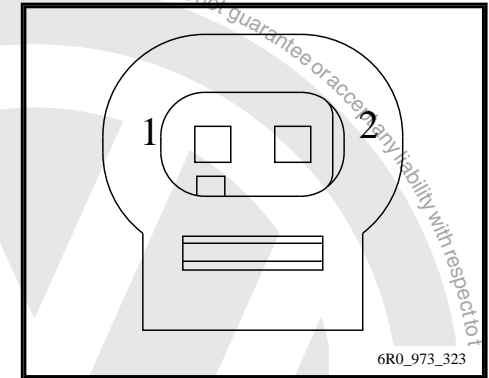
2-pin connector -T2k-



1.14.2 2-pin connector -T2es-

2-pin connector -T2es-

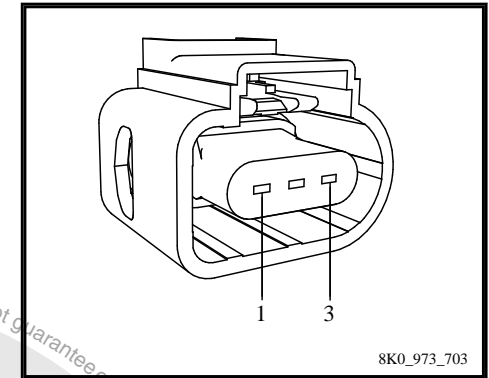




1.28 Side airbag crash sensor on front passenger side -G180-

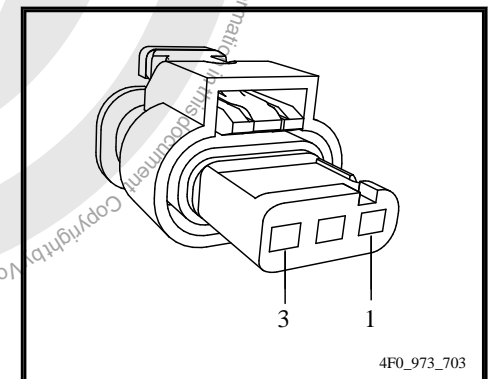
1.28.1 2-pin connector -T2ar-

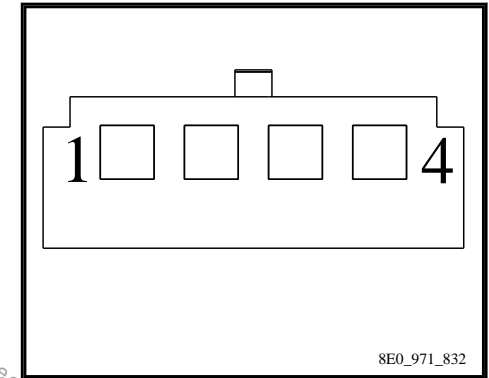
2-pin connector -T2ar-



1.43.2 3-pin connector -T3ah-

3-pin connector -T3ah-





**1.59 Front pressure hose sensor for pedestrian protection -G579-**

- ◆ ⇒ [c1.59.1 onnectorT2ep", page 67](#)
- ◆ ⇒ [c1.59.2 onnectorT2eq", page 68](#)

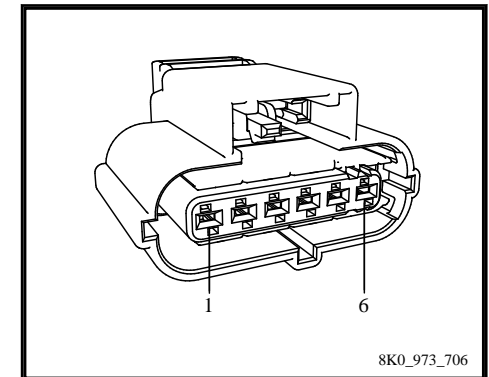
**1.59.1 2-pin connector -T2ep-**

2-pin connector -T2ep-

1.74 Accelerator pedal module -GX2-

1.74.1 6-pin connector -T6k-

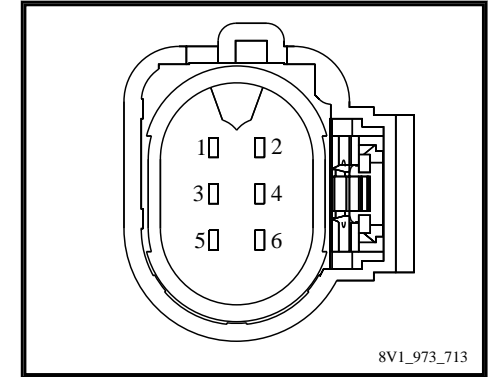
6-pin connector -T6k-



1.75 Throttle valve module -GX3-

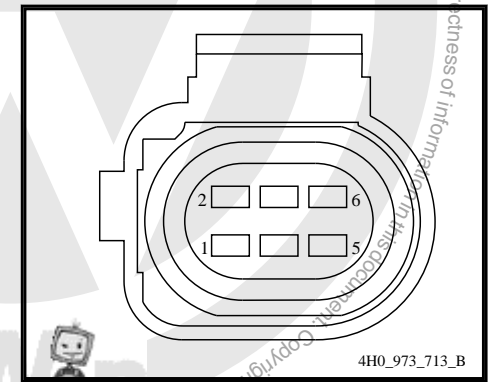
◆ ⇒ [c1.75.1 onnectorT6a", page 84](#)





1.84.2 6-pin connector -T6t-

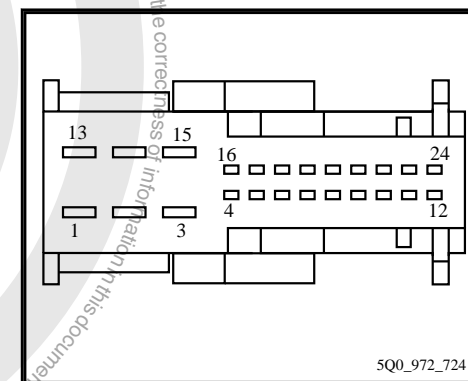
6-pin connector -T6t-



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**1.5.3 24-pin connector -T24c-**

24-pin connector -T24c-



5Q0\_972\_724

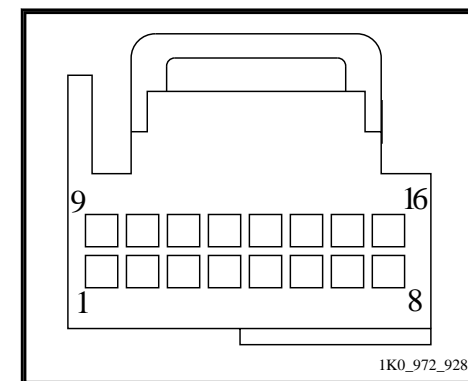
**1.6 Battery monitor control unit -J367-**

**1.6.1 2-pin connector -T2aw-**

2-pin connector -T2aw-

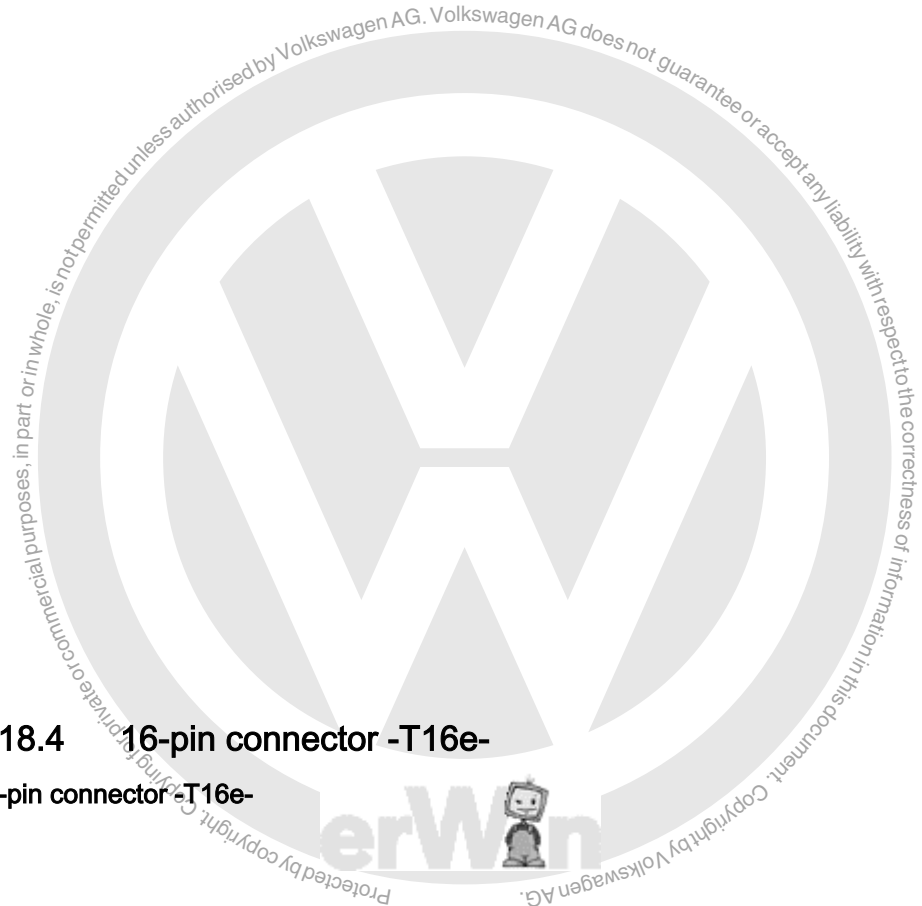
**1.18.3 16-pin connector -T16d-**

16-pin connector -T16d-



**1.18.4 16-pin connector -T16e-**

16-pin connector -T16e-

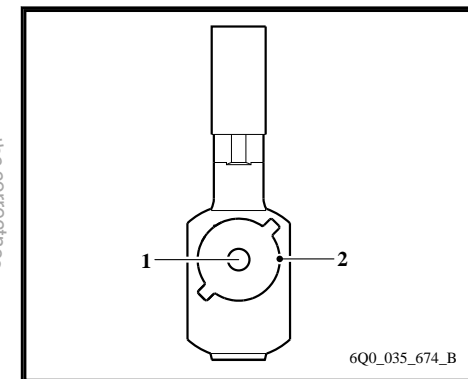


◆ ⇒ [c1.26.11 onnectorT12c", page 45](#)

◆ ⇒ [c1.26.12 onnectorT12a", page 46](#)

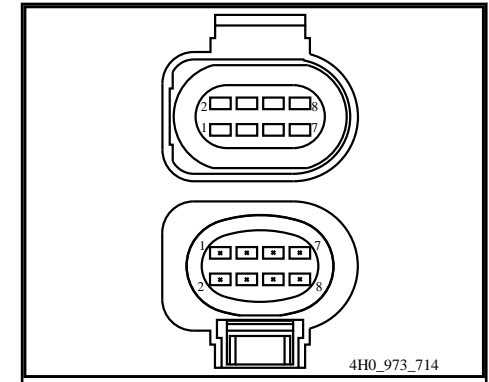
**1.26.1 2-pin connector -T2cc-**

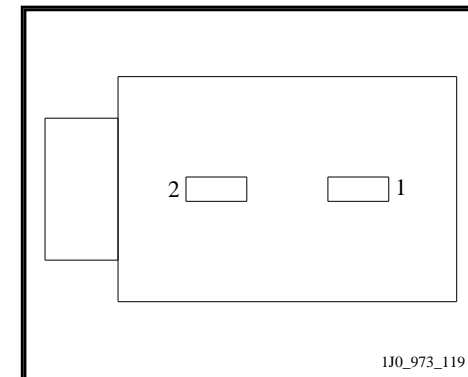
2-pin connector -T2cc-



**1.26.2 2-pin connector -T2cd-**

2-pin connector -T2cd-

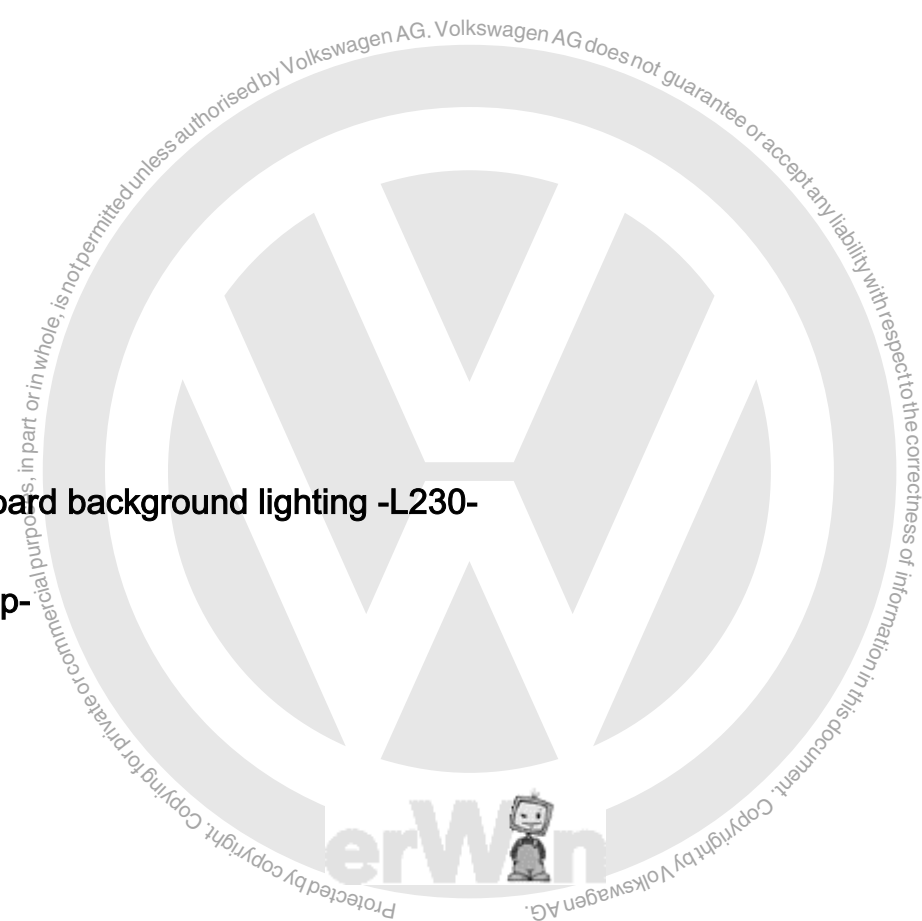




**1.16 Light for right dashboard background lighting -L230-**

**1.16.1 2-pin connector -T2cp-**

2-pin connector -T2cp-

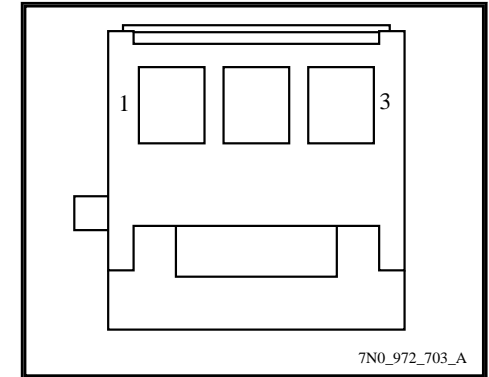


**1.26 Right tail light cluster 2 -MX6-**

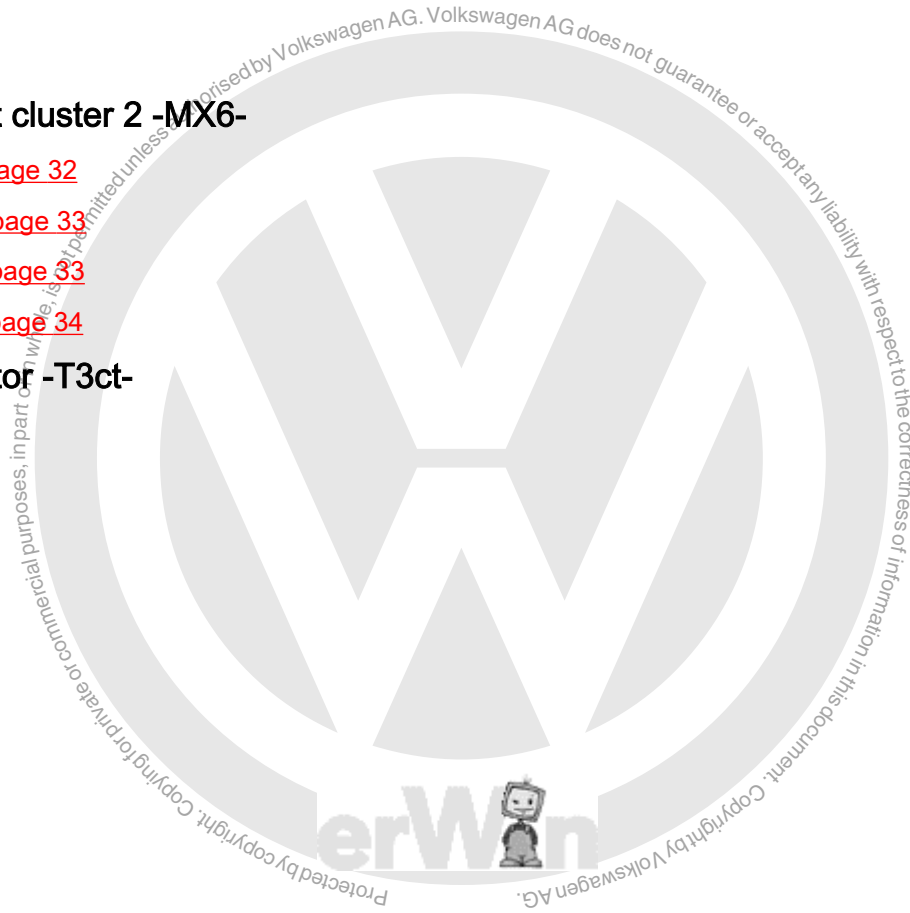
- ◆ ⇒ [c1.26.1 onnectorT3ct", page 32](#)
- ◆ ⇒ [c1.26.2 onnectorT3dg", page 33](#)
- ◆ ⇒ [c1.26.3 onnectorT4cd", page 33](#)
- ◆ ⇒ [c1.26.4 onnectorT4cc", page 34](#)

**1.26.1 3-pin connector -T3ct-**

3-pin connector -T3ct-

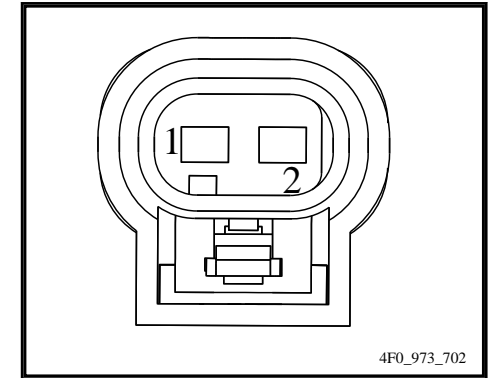


7N0\_972\_703\_A



1.4.2 2-pin connector -T2u-

2-pin connector -T2u-



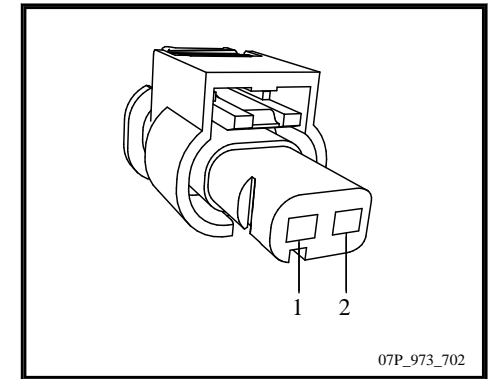
1.4.3 2-pin connector -T2gm-

2-pin connector -T2gm-



1.17.3 2-pin connector -T2p-

2-pin connector -T2p-



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1.17.4 2-pin connector -T2q-

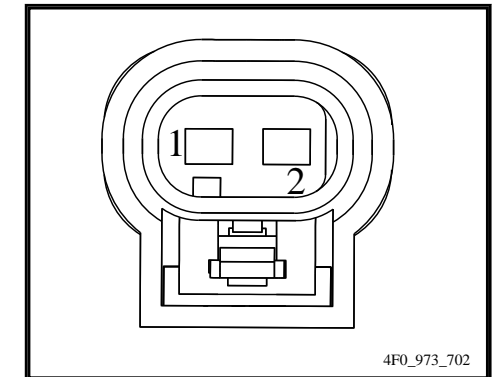
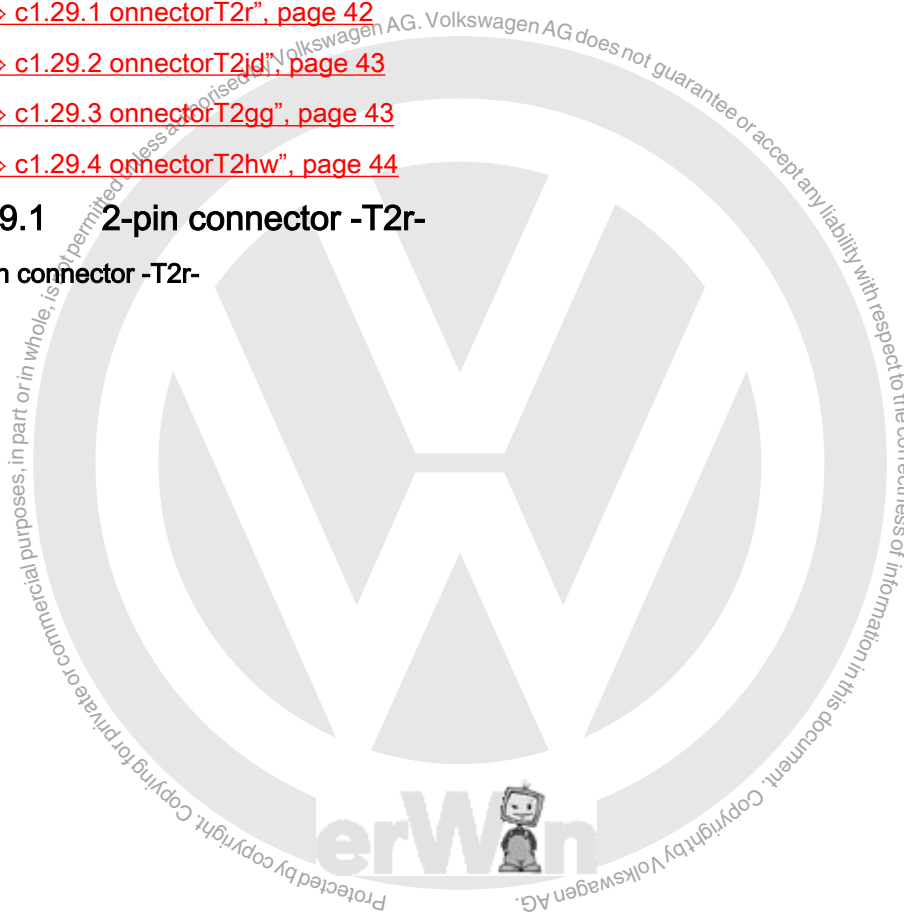
2-pin connector -T2q-

## 1.29 Exhaust camshaft control valve 1 -N318-

- ◆ ⇒ [c1.29.1 onnectorT2r", page 42](#)
- ◆ ⇒ [c1.29.2 onnectorT2jd", page 43](#)
- ◆ ⇒ [c1.29.3 onnectorT2gg", page 43](#)
- ◆ ⇒ [c1.29.4 onnectorT2hw", page 44](#)

### 1.29.1 2-pin connector -T2r-

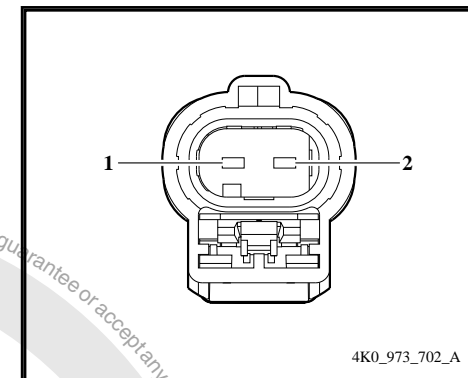
2-pin connector -T2r-



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1.42.2 2-pin connector -T2hv-

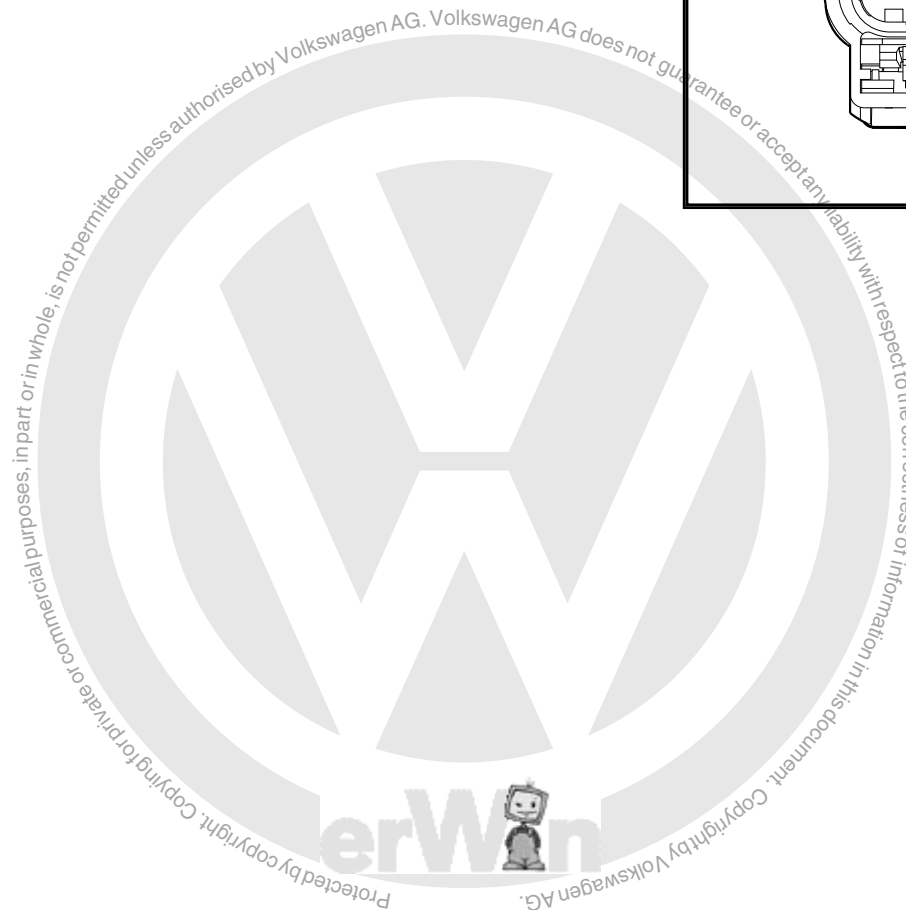
2-pin connector -T2hv-

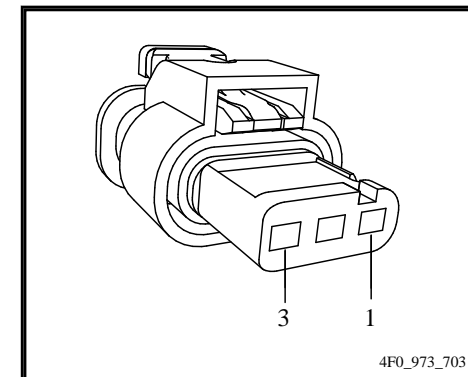


4K0\_973\_702\_A

1.42.3 2-pin connector -T2w-

2-pin connector -T2w-

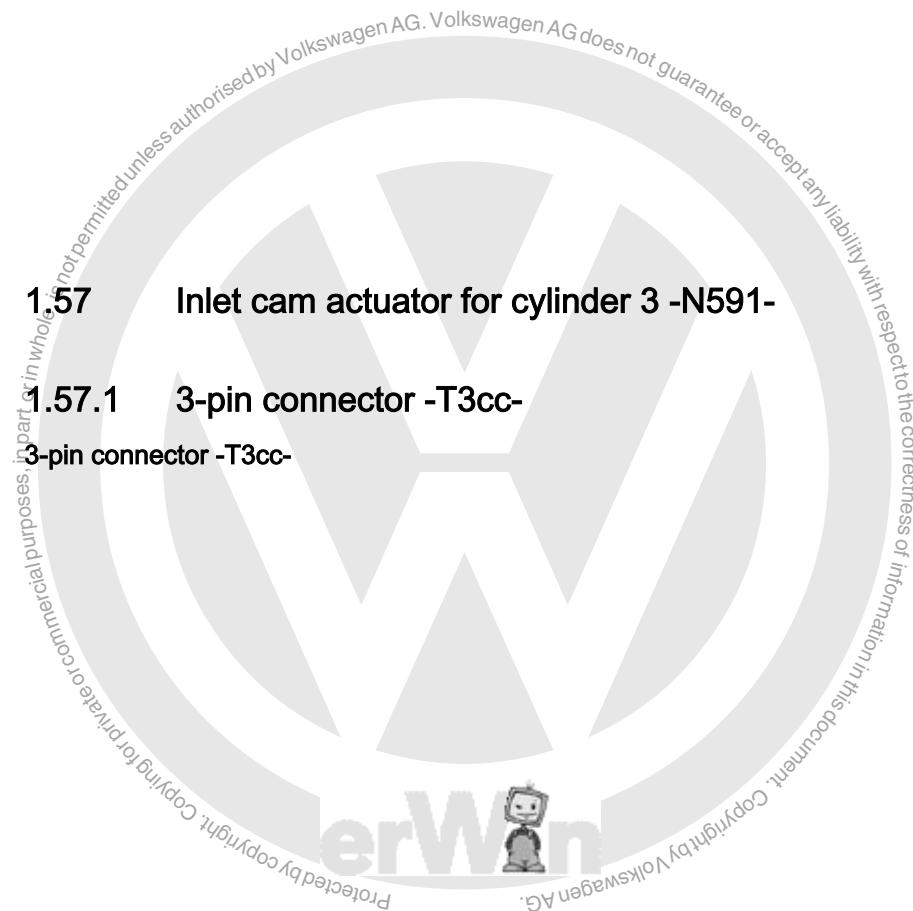


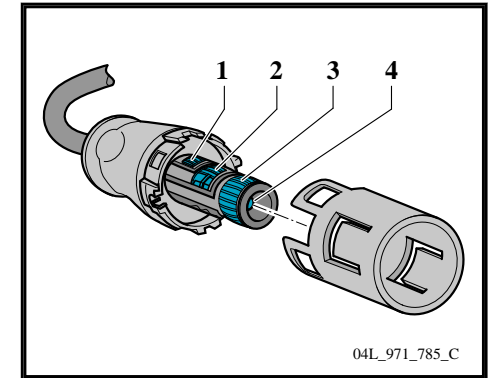


**1.57 Inlet cam actuator for cylinder 3 -N591-**

**1.57.1 3-pin connector -T3cc-**

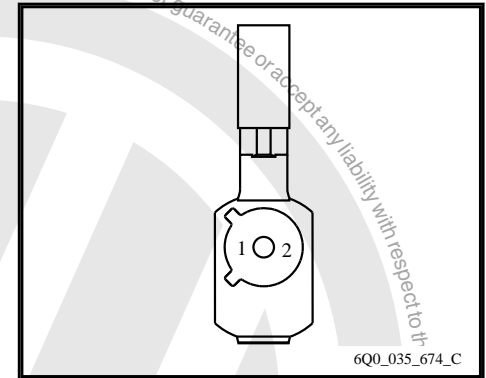
**3-pin connector -T3cc-**





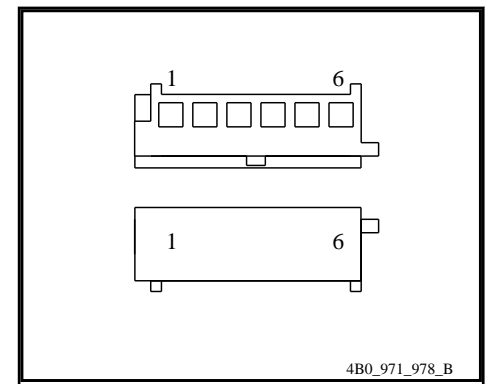
04L\_971\_785\_C

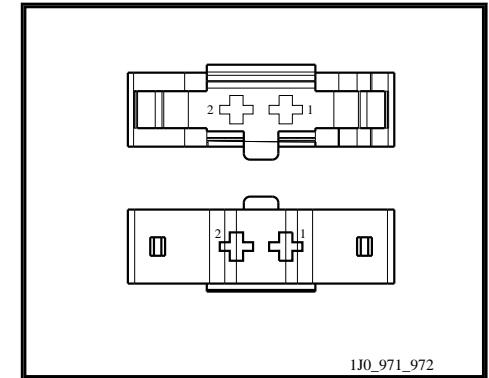




1.12.2 6-pin connector -T6ad-

6-pin connector -T6ad-





## 1.25 Roof aerial -RX5-

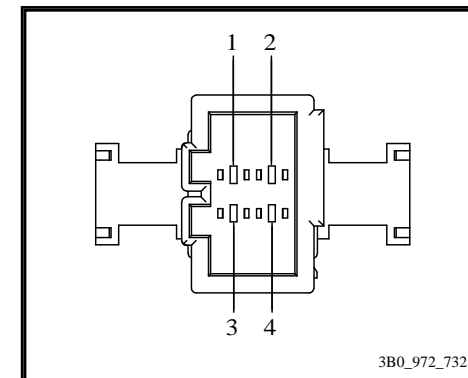
- ◆ ⇒ [c1.25.1 onnectorT2dx", page 32](#)
- ◆ ⇒ [c1.25.2 onnectorT2dy", page 33](#)
- ◆ ⇒ [c1.25.3 onnectorT2dz", page 34](#)
- ◆ ⇒ [c1.25.4 onnectorT2en", page 34](#)
- ◆ ⇒ [c1.25.5 onnectorT2eo", page 35](#)
- ◆ ⇒ [c1.25.6 onnectorT2ea", page 36](#)

### 1.25.1 2-pin connector -T2dx-

2-pin connector -T2dx-

4-pin connector -T4x-

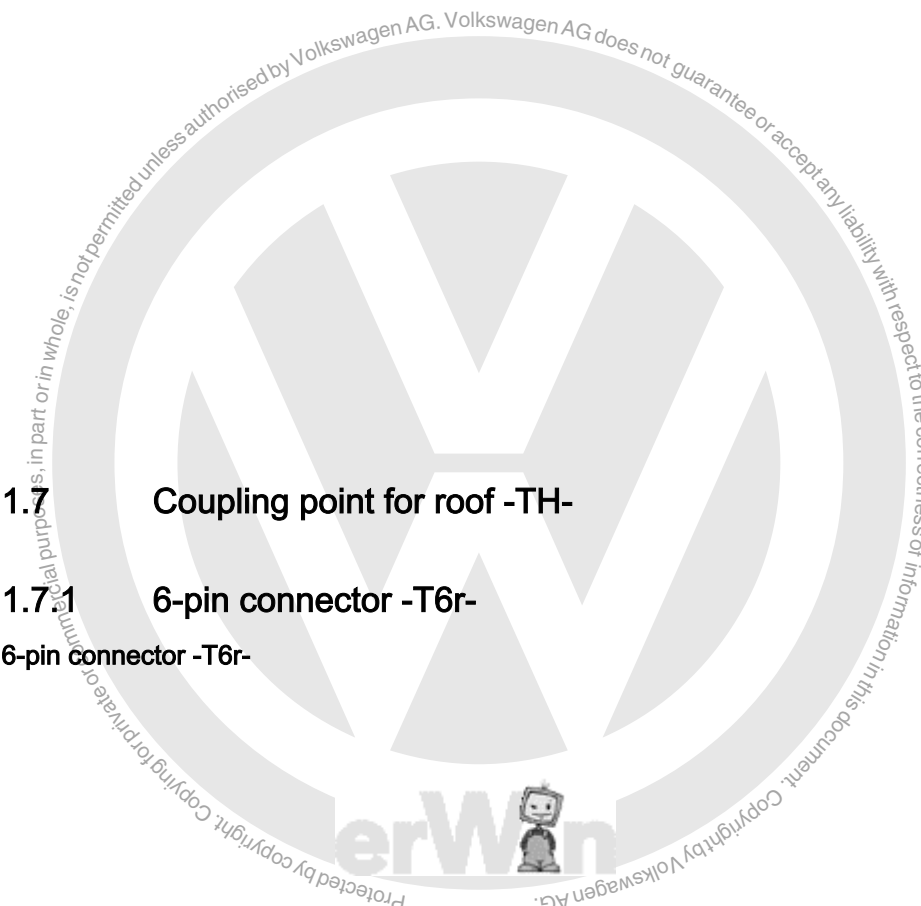
4-pin connector -T4x-



1.7 Coupling point for roof -TH-

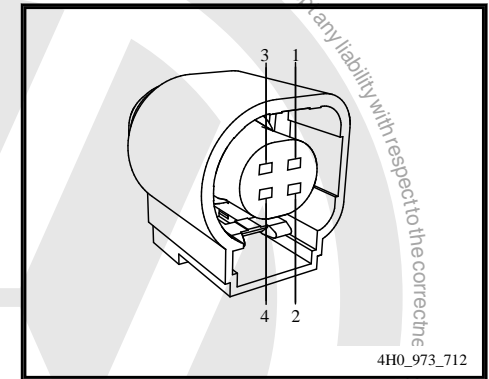
1.7.1 6-pin connector -T6r-

6-pin connector -T6r-



1.10.4 4-pin connector -T4bq-

4-pin connector -T4bq-



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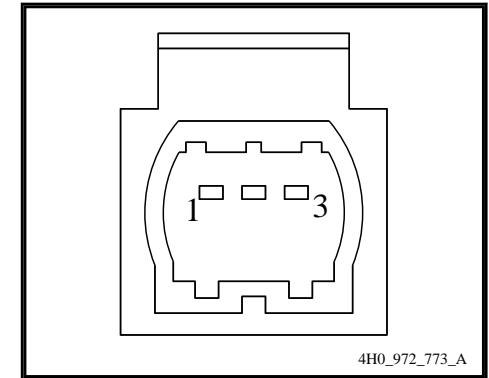
1.10.5 4-pin connector -T4bo-

4-pin connector -T4bo-

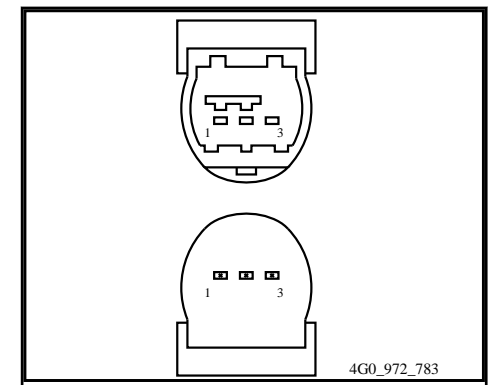


1.15.2 3-pin connector -T3as-

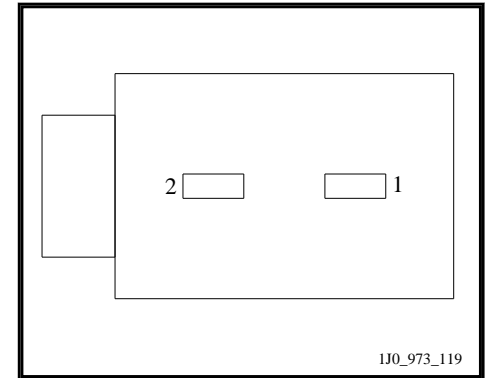
3-pin connector -T3as-



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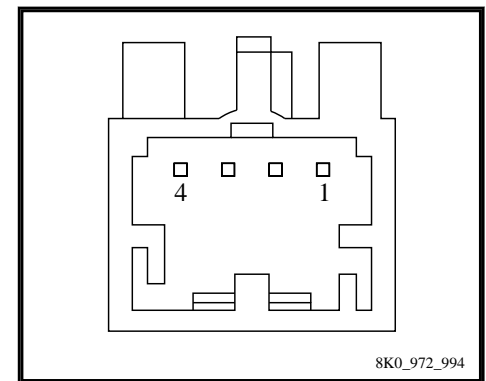


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1.20.4 4-pin connector -T4aq-

4-pin connector -T4aq-



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