

Electric drive system, motor control unit , EBJA,EBJC,EBJD

From March 2020



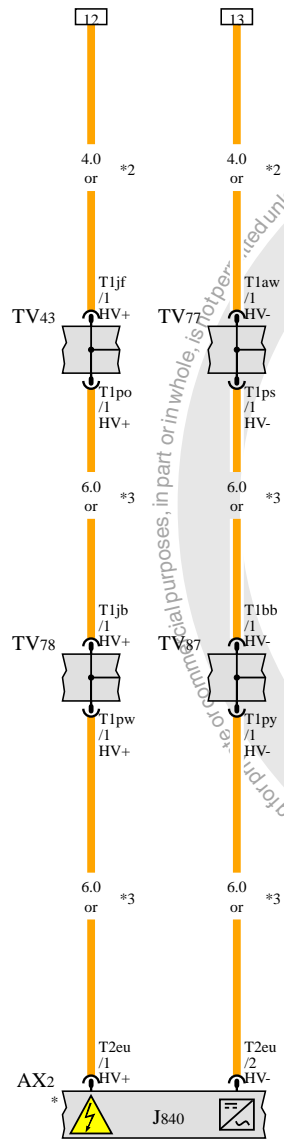
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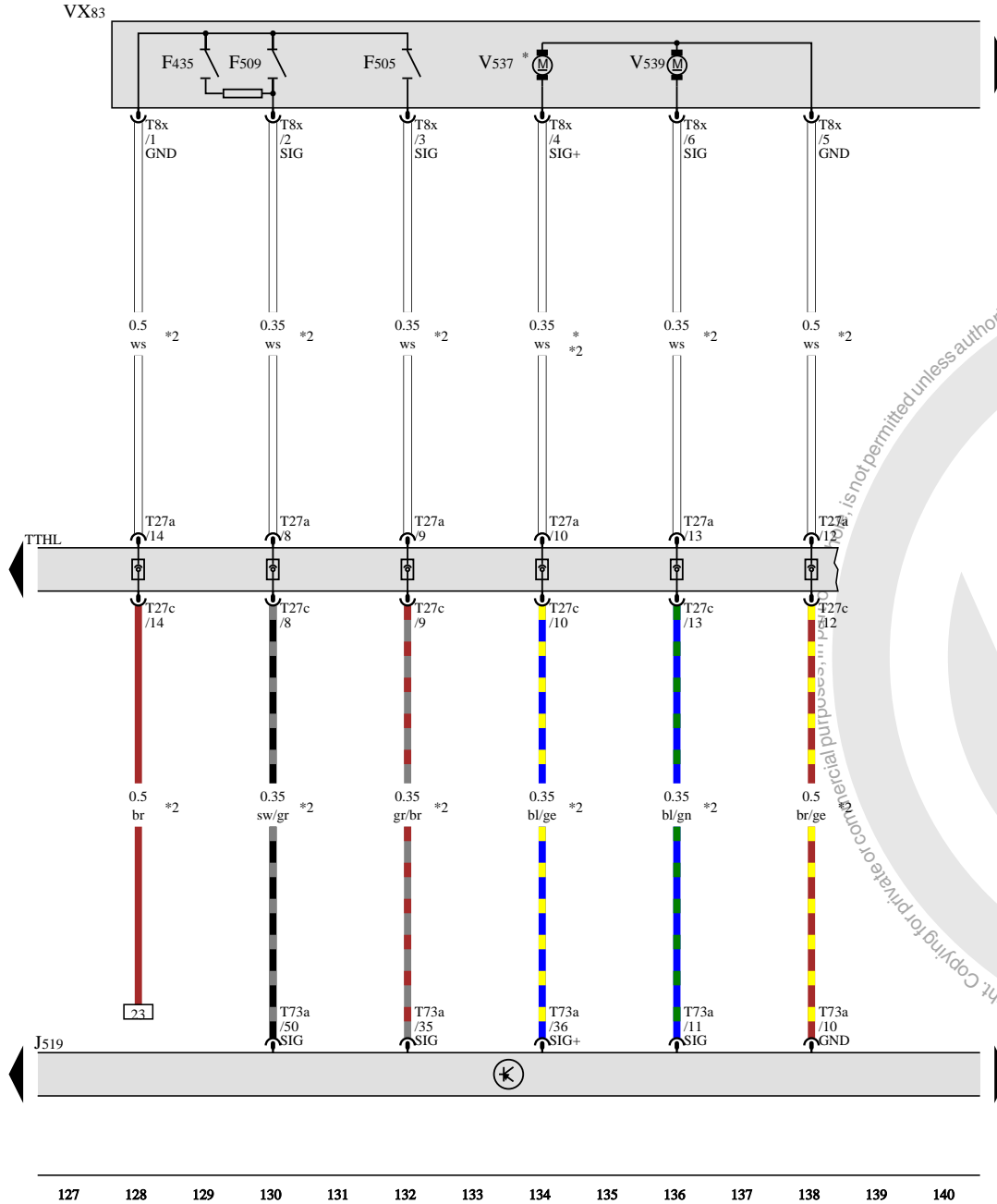


High-voltage battery 1

- AX2 High-voltage battery 1, High-voltage connection for electrical equipment
- J840 Battery regulation control unit
- T1aw 1-pin connector, orange
- T1bb 1-pin connector, orange
- T1jb 1-pin connector, orange
- T1jf 1-pin connector, orange
- T1po 1-pin connector, orange
- T1ps 1-pin connector, orange
- T1pw 1-pin connector, orange
- T1py 1-pin connector, orange
- T2eu 2-pin connector, High-voltage connection for electrical equipment
- TV43 High-voltage network wiring junction
- TV77 High-voltage network wiring junction 2
- TV78 High-voltage network wiring junction 3
- TV87 High-voltage network wiring junction 4
- * see applicable current flow diagram for high-voltage system
- *2 High-voltage wire for high-voltage heater (PTC) (P11)
- *3 High-voltage wire for wiring junction/high-voltage battery (P8)

- 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

Onboard supply control unit, Rear door lock unit, driver side

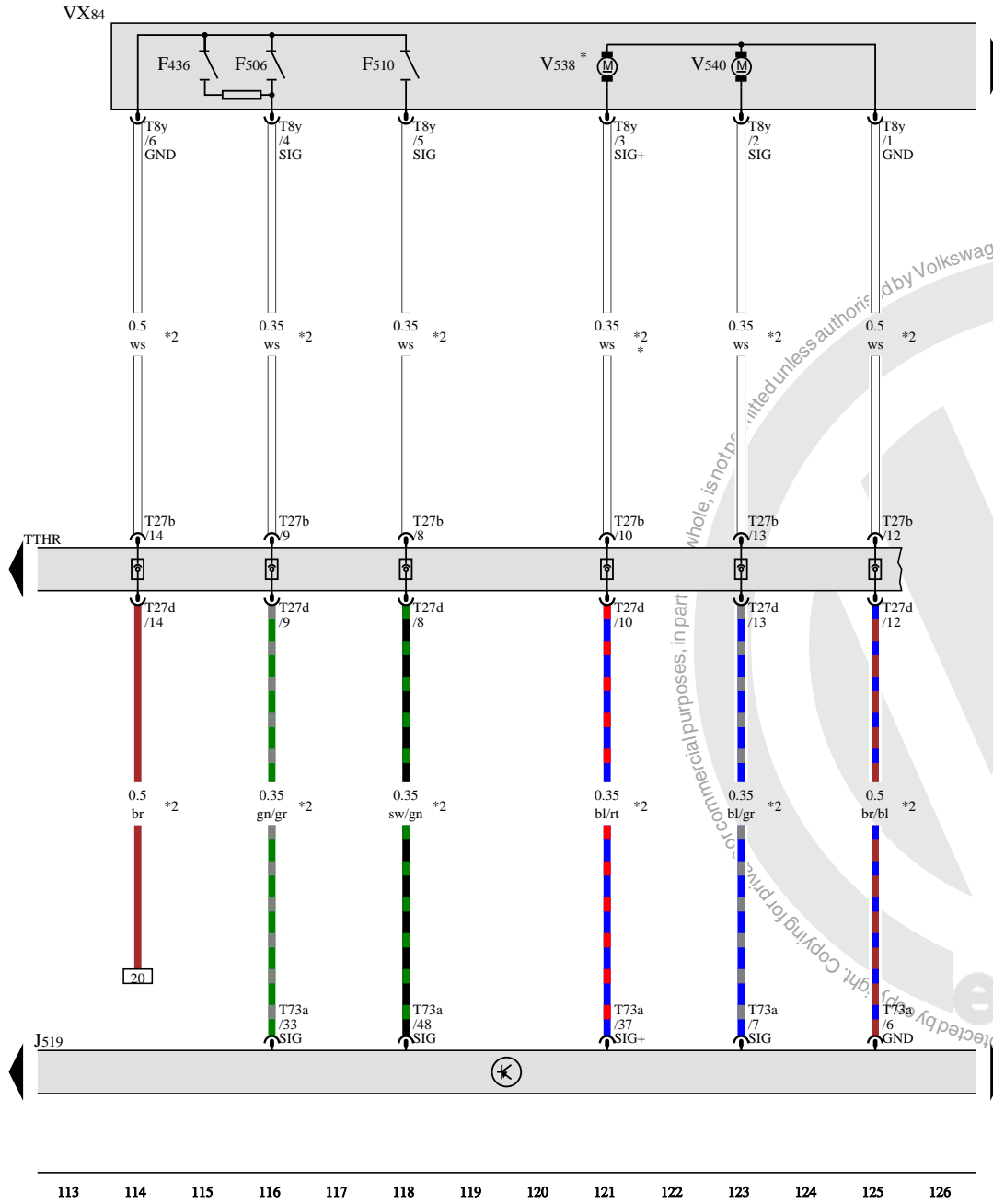


- F435 Rear driver side central locking lock unit
- F505 Rear door contact switch, driver side
- F509 Rear central locking actuator, driver side
- J519 Onboard supply control unit
- T8x 8-pin connector, black
- T27a 27-pin connector, black
- T27c 27-pin connector, black
- T73a 73-pin connector, black
- TTHL Coupling point for rear left door
- VX83 Rear door lock unit, driver side
- V537 Rear central locking SAFELOCK function motor, driver side
- V539 Rear central locking motor, driver side
- * For models with SAFELOCK function
- *2 For left-hand drive models

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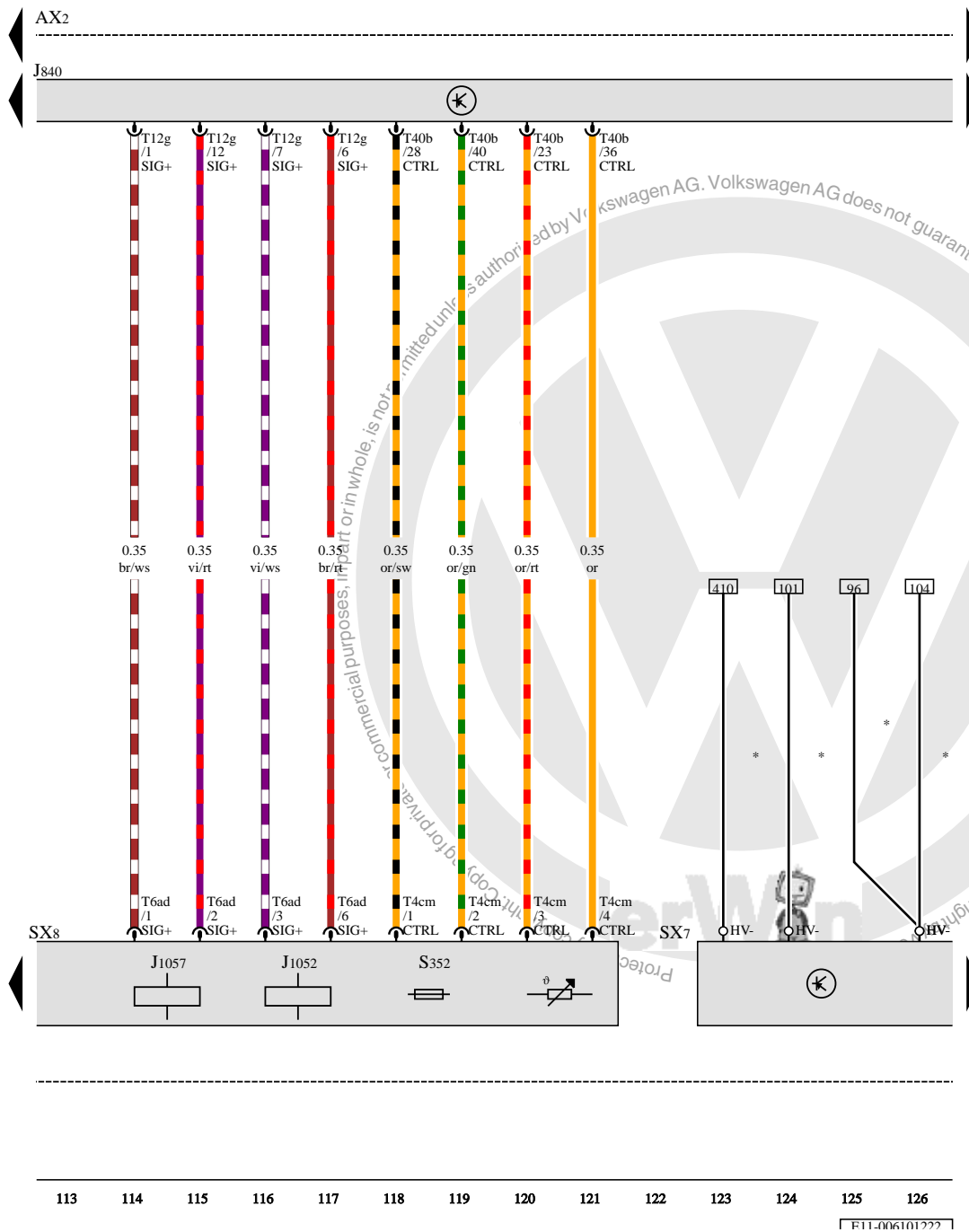
Onboard supply control unit, Rear door lock unit, passenger side

- F436 Rear passenger side central locking lock unit
- F506 Rear door contact switch, passenger side
- F510 Rear central locking actuator, passenger side
- J519 Onboard supply control unit
- T8y 8-pin connector, black
- T27b 27-pin connector, black
- T27d 27-pin connector, black
- T73a 73-pin connector, black
- TTHR Coupling point for rear right door
- VX84 Rear door lock unit, passenger side
- V538 Rear central locking SAFELOCK function motor, passenger side
- V540 Rear central locking motor, passenger side
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- *2 For left-hand drive models

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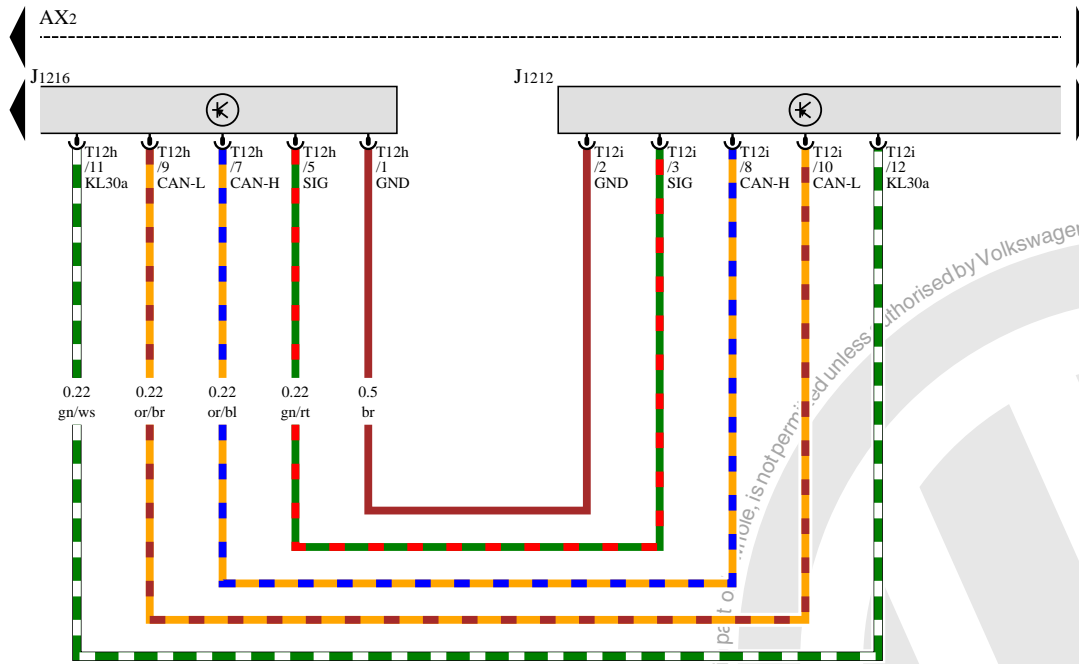
High-voltage battery 1, Battery regulation control unit, Switching unit for high-voltage battery, negative terminal, Switching unit for high-voltage battery, positive terminal

- AX2 High-voltage battery 1
- J840 Battery regulation control unit
- J1052 DC charge contactor 1
- J1057 High-voltage battery power contactor 1
- SX7 Switching unit for high-voltage battery, negative terminal
- SX8 Switching unit for high-voltage battery, positive terminal
- S352 High-voltage system fuse 2
- T4cm 4-pin connector, black
- T6ad 6-pin connector, black
- T12g 12-pin connector, black
- T40b 40-pin connector, black
- * Push-in bridge

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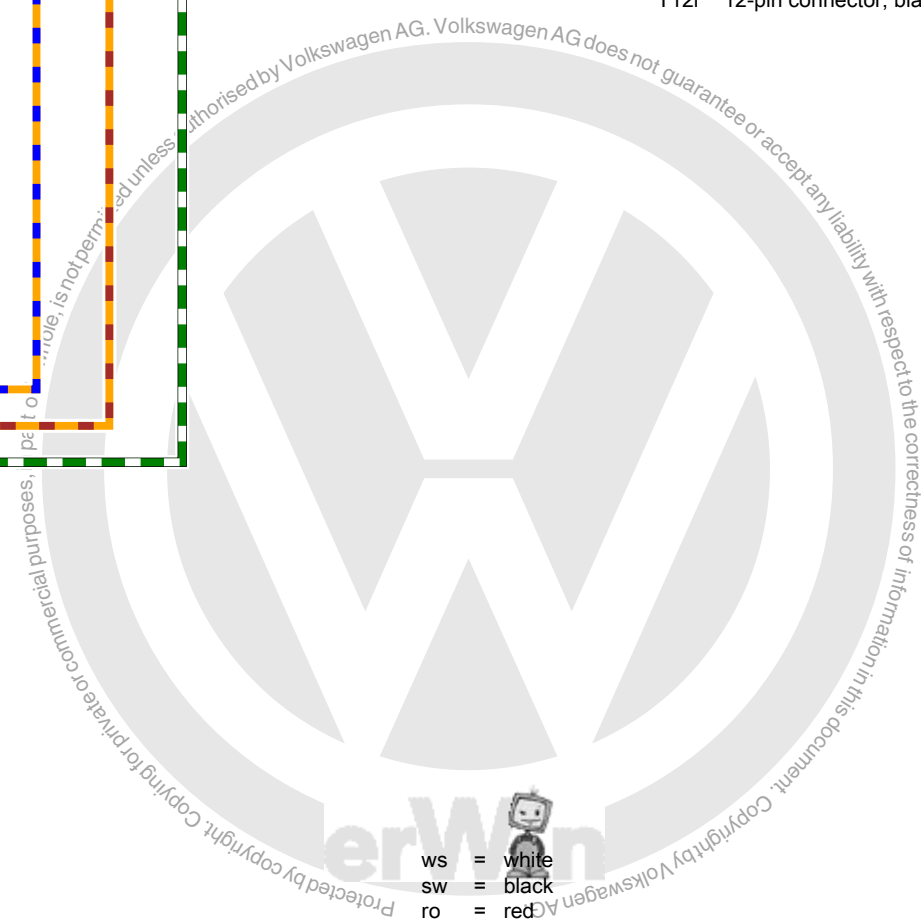
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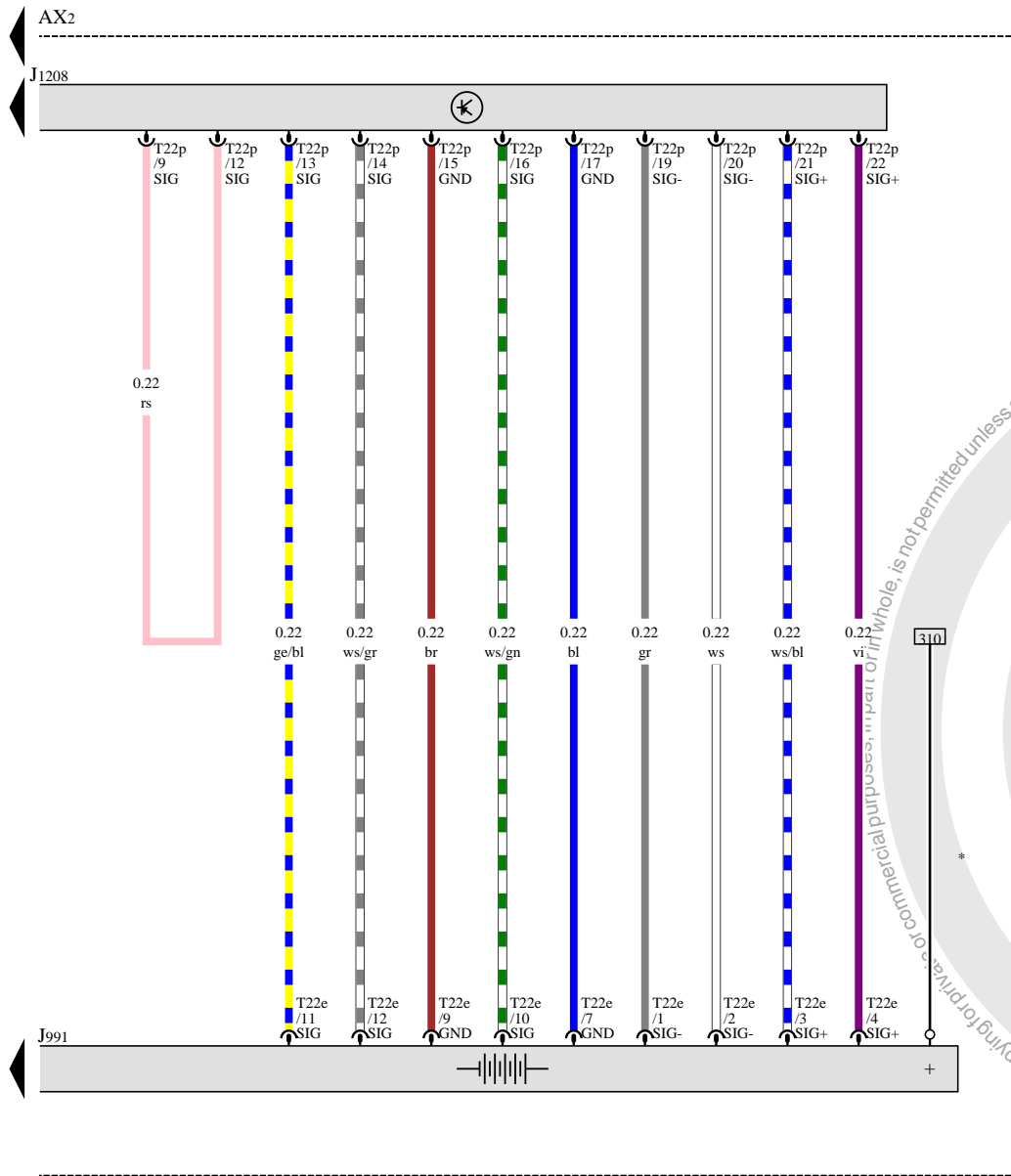


High-voltage battery 1, Battery modules control unit 5, Battery modules control unit 9

- AX2 High-voltage battery 1
- J1212 Battery modules control unit 5
- J1216 Battery modules control unit 9
- T12h 12-pin connector, black
- T12i 12-pin connector, black

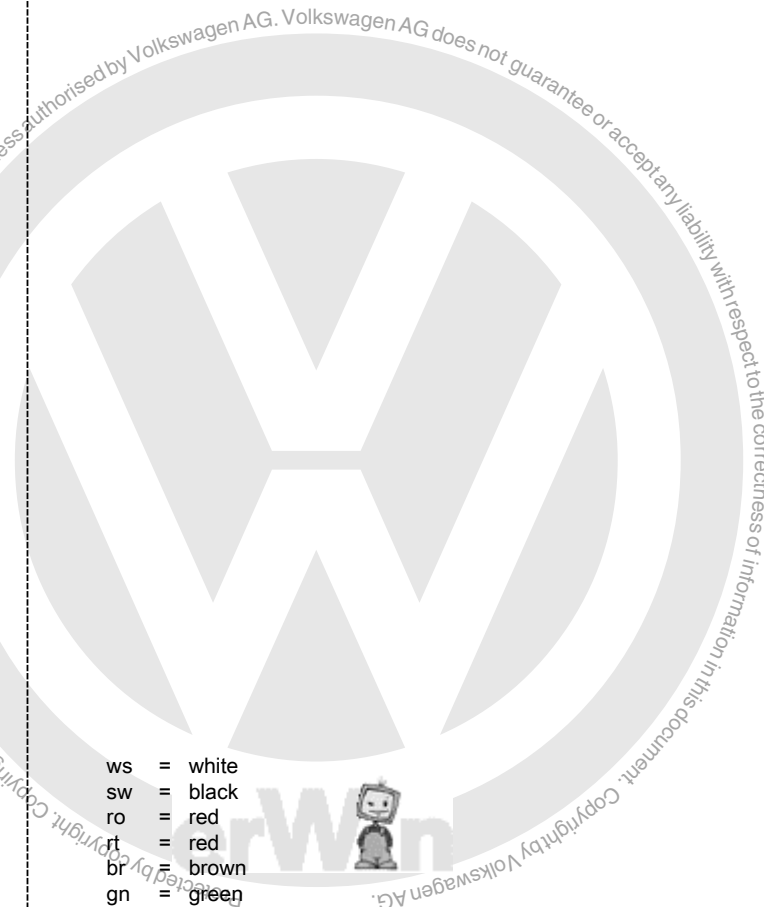


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High-voltage battery 1, Battery module 1, Battery modules control unit

- AX2 High-voltage battery 1
- J991 Battery module 1
- J1208 Battery modules control unit
- T22e 22-pin connector, black
- T22p 22-pin connector, brown
- * Push-in bridge

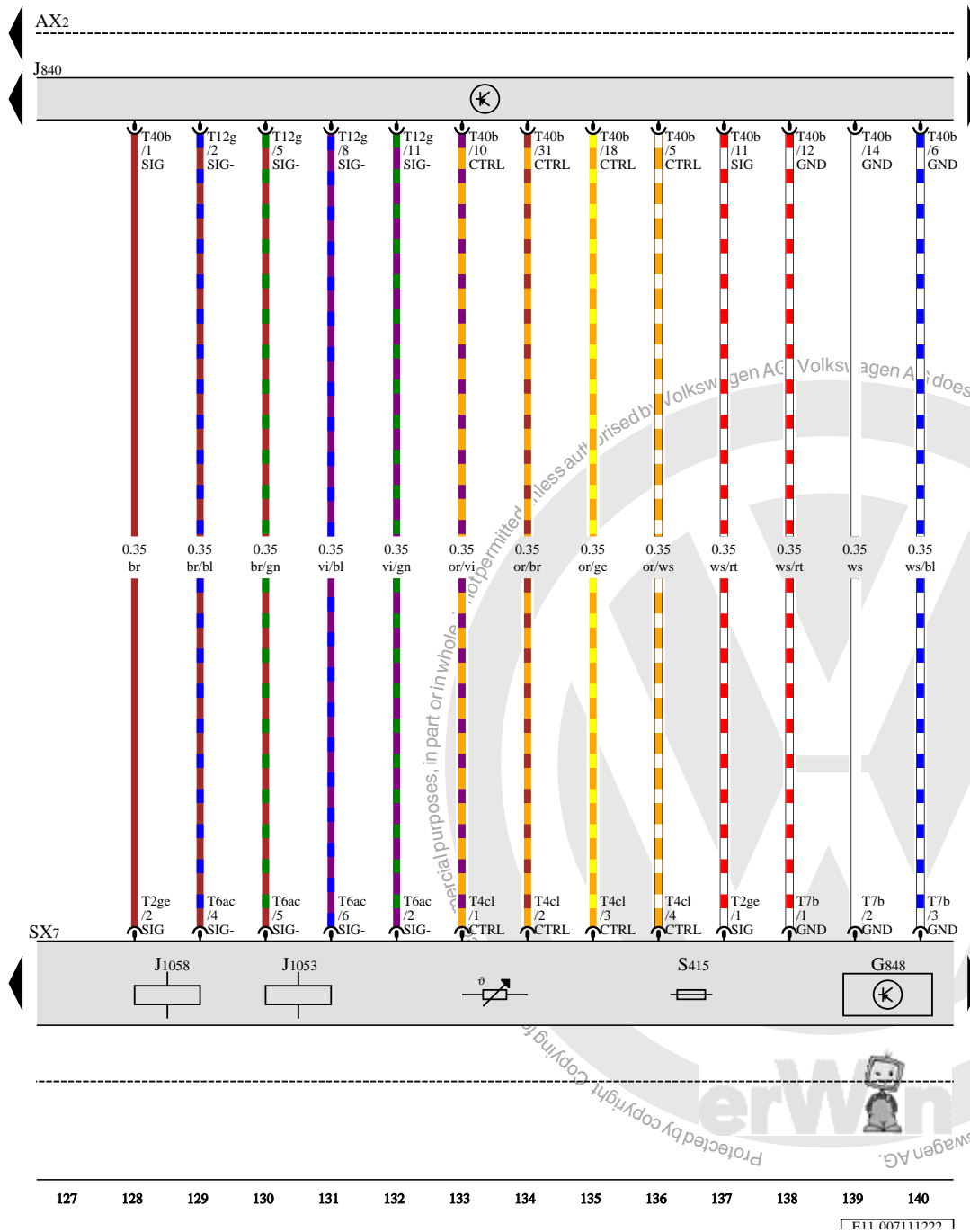


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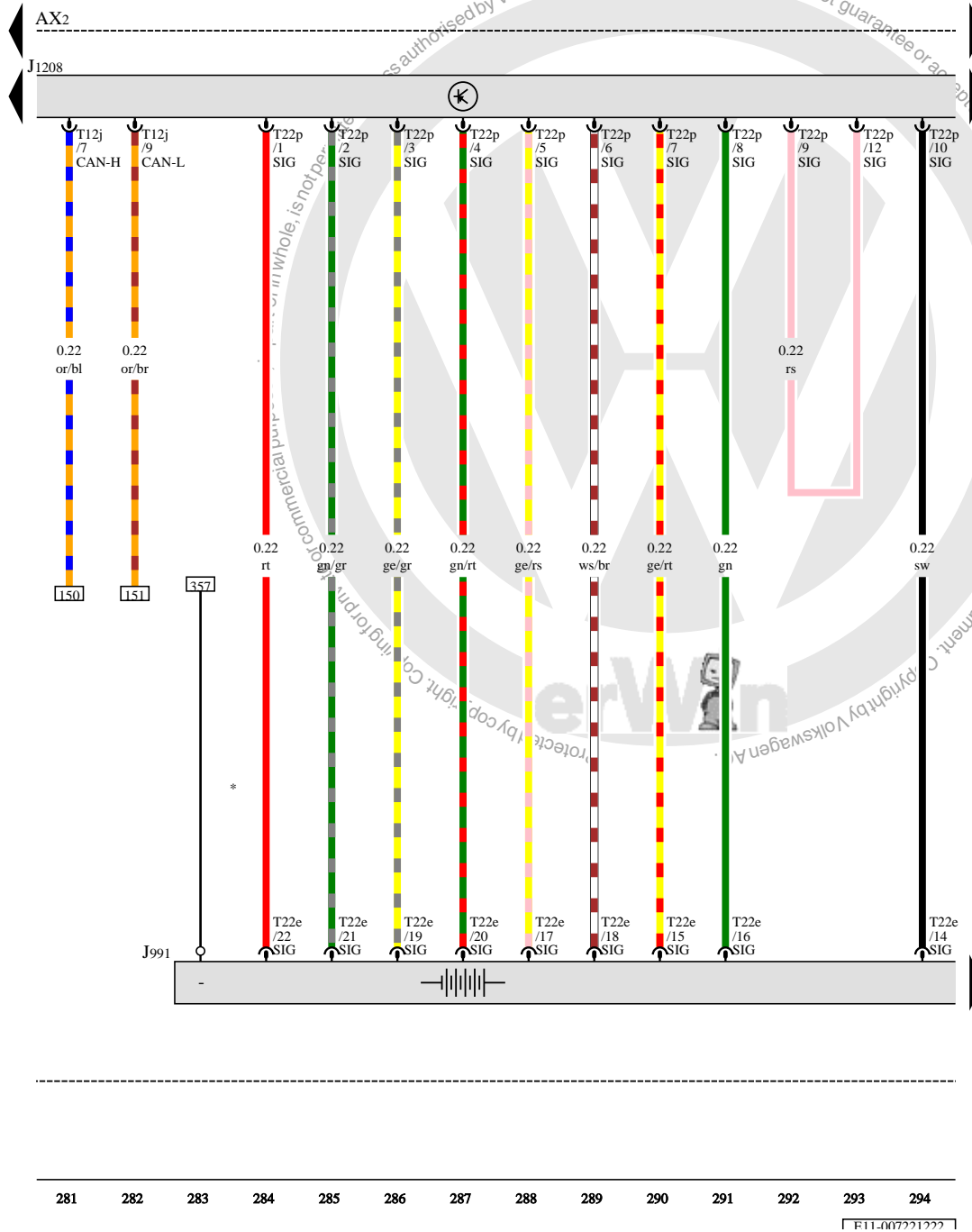
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High-voltage battery 1, Battery regulation control unit, Switching unit for high-voltage battery, negative terminal

- AX2 High-voltage battery 1
- G848 Current sensor for high-voltage battery
- J840 Battery regulation control unit
- J1053 DC charge contactor 2
- J1058 High-voltage battery power contactor 2
- SX7 Switching unit for high-voltage battery, negative terminal
- S415 Fuse for high-voltage battery isolation
- T2ge 2-pin connector, yellow
- T4cl 4-pin connector, black
- T6ac 6-pin connector, black
- T7b 7-pin connector, black
- T12g 12-pin connector, black
- T40b 40-pin connector, black



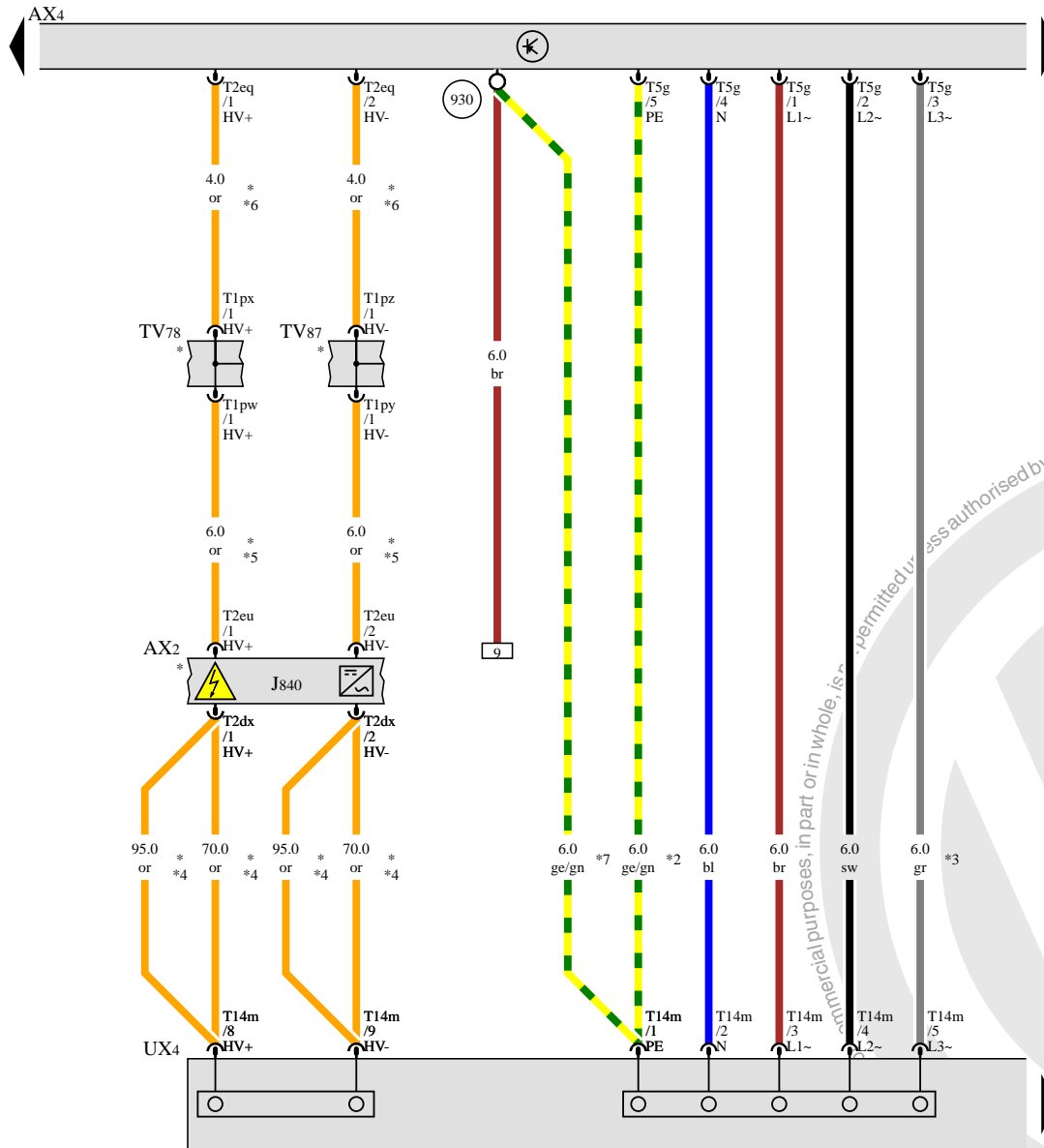
High-voltage battery 1, Battery module 1, Battery modules control unit

- AX2 High-voltage battery 1
- J991 Battery module 1
- J1208 Battery modules control unit
- T12j 12-pin connector, black
- T22e 22-pin connector, black
- T22p 22-pin connector, brown
- * Push-in bridge

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High-voltage battery 1, Charging unit 1 for high-voltage battery, High-voltage battery charging socket 1

- AX2 High-voltage battery 1
- AX4 Charging unit 1 for high-voltage battery
- J840 Battery regulation control unit
- T1nb 1-pin connector, black
- T1pw 1-pin connector, orange
- T1px 1-pin connector, orange
- T1py 1-pin connector, orange
- T1pz 1-pin connector, orange
- T2dx 2-pin connector, High-voltage connection for DC charging
- T2eq 2-pin connector, orange
- T2eu 2-pin connector, High-voltage connection for electrical equipment
- T5g 5-pin connector, orange
- T14m 14-pin connector, black
- TV78 High-voltage network wiring junction 3
- TV87 High-voltage network wiring junction 4
- UX4 High-voltage battery charging socket 1

930 Earth point for charging unit for high-voltage battery

- * see applicable current flow diagram for high-voltage battery system
- *2 Up to June 2020
- *3 According to equipment
- *4 High-voltage wire for high-voltage battery charging (P52)
- *5 High-voltage wire for wiring junction/high-voltage battery (P8)
- *6 High-voltage wire for charging unit 1/wiring junction (P12)
- *7 From June 2020

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- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
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- ts = pink

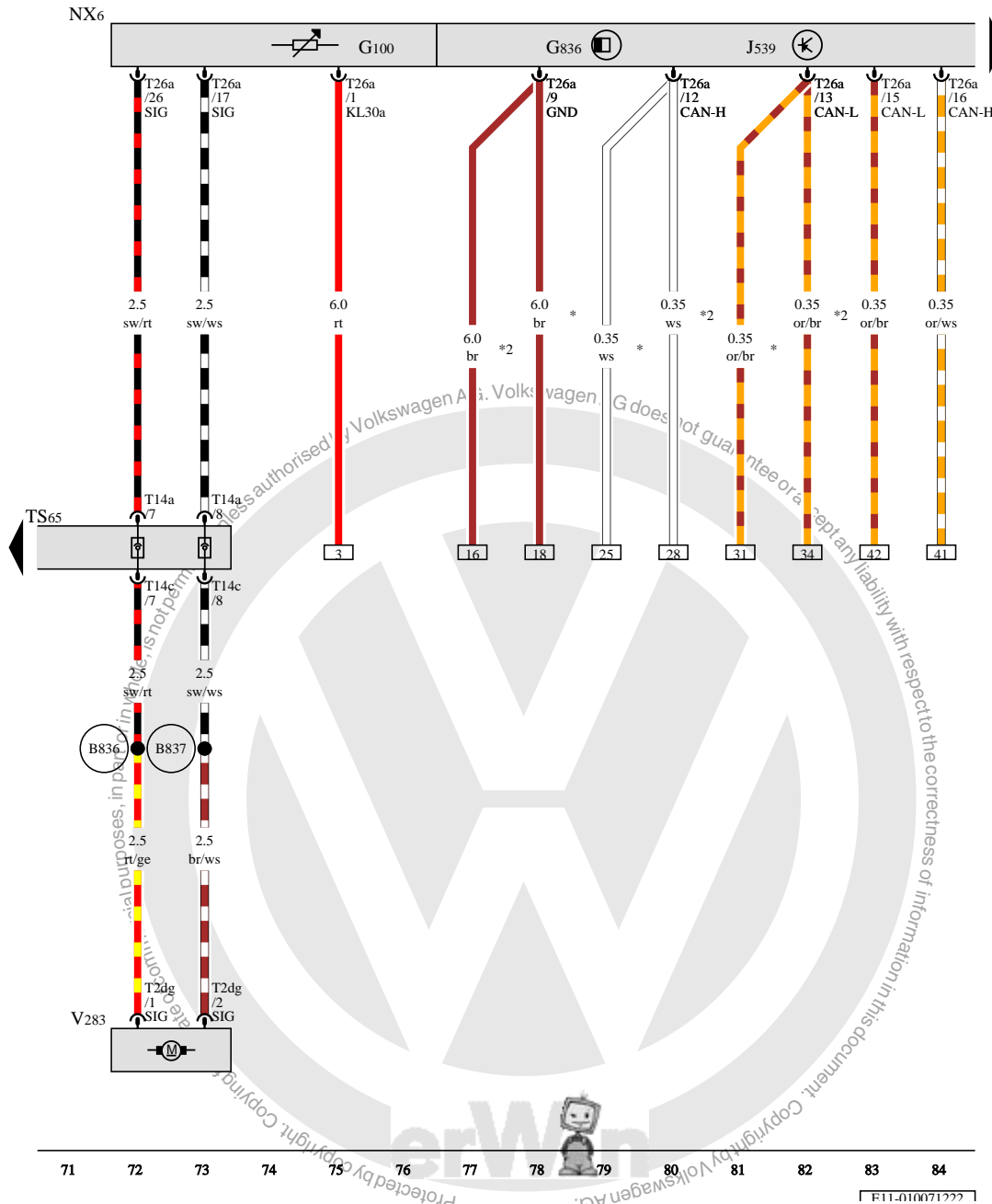
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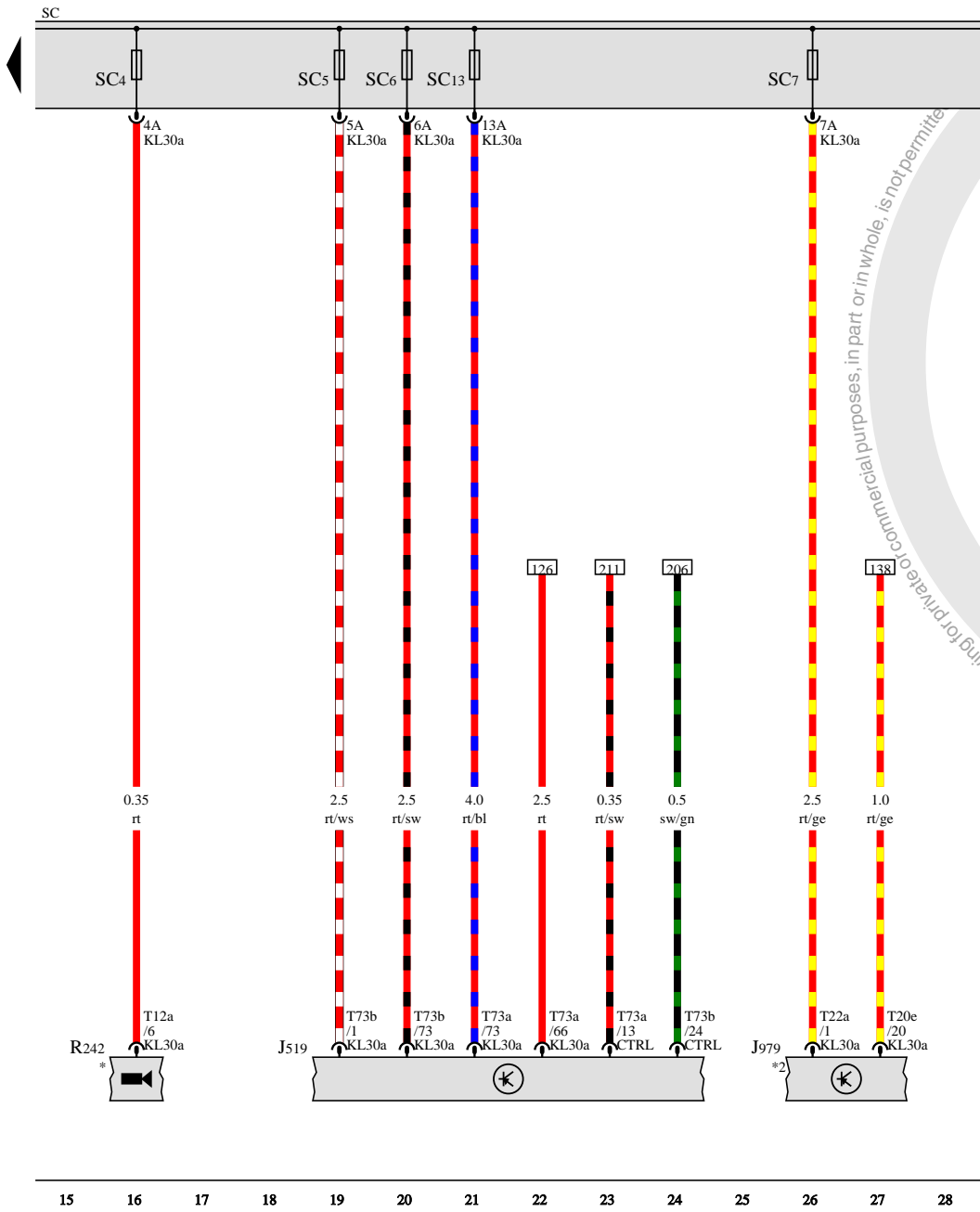
Brake servo, Right parking brake motor

- G100 Brake pedal position sender
- G836 Brake pedal position sender 2
- J539 Brake servo control unit
- NX6 Brake servo
- T2dg 2-pin connector, black
- T14a 14-pin connector, black
- T14c 14-pin connector, black
- T26a 26-pin connector, black
- TS65 Coupling point for running gear, front
- V283 Right parking brake motor

- B836 Connection 3 (parking brake motor), in main wiring harness
- B837 Connection 4 (parking brake motor), in main wiring harness
- * For left-hand drive models
- *2 For right-hand drive models



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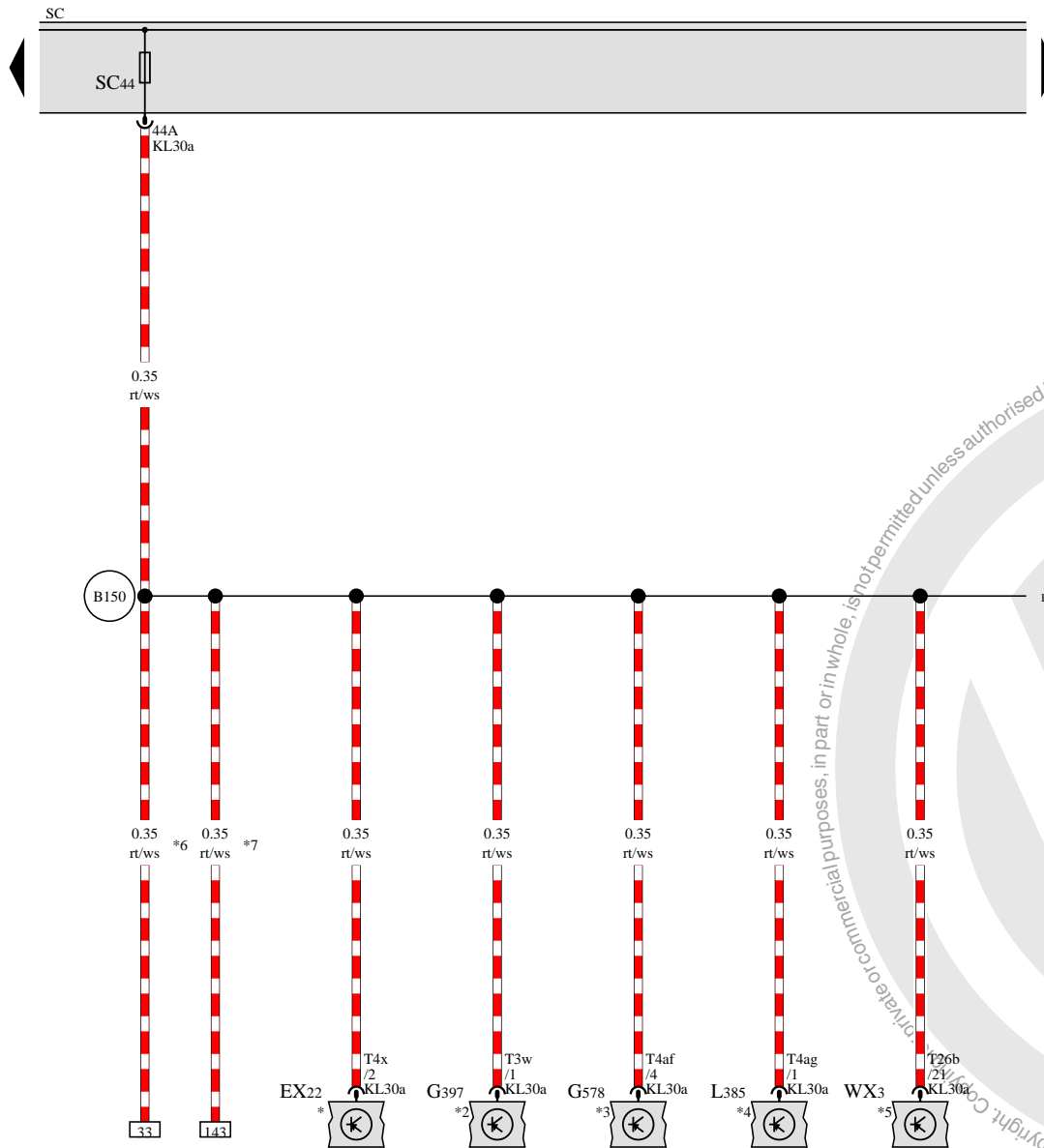
Onboard supply control unit, Heater and air conditioning system control unit, Front camera for driver assist systems, Fuse holder C

- J519 Onboard supply control unit
- J979 Heater and air conditioning system control unit
- R242 Front camera for driver assist systems
- SC Fuse holder C
- SC4 Fuse 4 on fuse holder C
- SC5 Fuse 5 on fuse holder C
- SC6 Fuse 6 on fuse holder C
- SC7 Fuse 7 on fuse holder C
- SC13 Fuse 13 on fuse holder C
- T12a 12-pin connector, black
- T20e 20-pin connector, black
- T22a 22-pin connector, black
- T73a 73-pin connector, black
- T73b 73-pin connector, black
- * see applicable current flow diagram for front camera for driver assist systems
- *2 see applicable current flow diagram for air conditioning

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15 16 17 18 19 20 21 22 23 24 25 26 27 28

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Centre switch module in dash panel, Rain and light sensor, Anti-theft alarm sensor, Dynamic light strip 3 for information, Fuse holder C, Front roof module

- EX22 Centre switch module in dash panel
- G397 Rain and light sensor
- G578 Anti-theft alarm sensor
- L385 Dynamic light strip 3 for information
- SC Fuse holder C
- SC44 Fuse 44 on fuse holder C
- T3w 3-pin connector, black
- T4af 4-pin connector, black
- T4ag 4-pin connector, black
- T4x 4-pin connector, red
- T26b 26-pin connector, black
- WX3 Front roof module

B150 Positive connection 2 (30a), in interior wiring harness

- * see applicable current flow diagram for multimedia system
- *2 see applicable current flow diagram for window wash/wipe system
- *3 see applicable current flow diagram for anti-theft alarm system
- *4 see applicable current flow diagram for dash panel insert
- *5 see applicable current flow diagram for interior lights
- *6 For left-hand drive models
- *7 For right-hand drive models

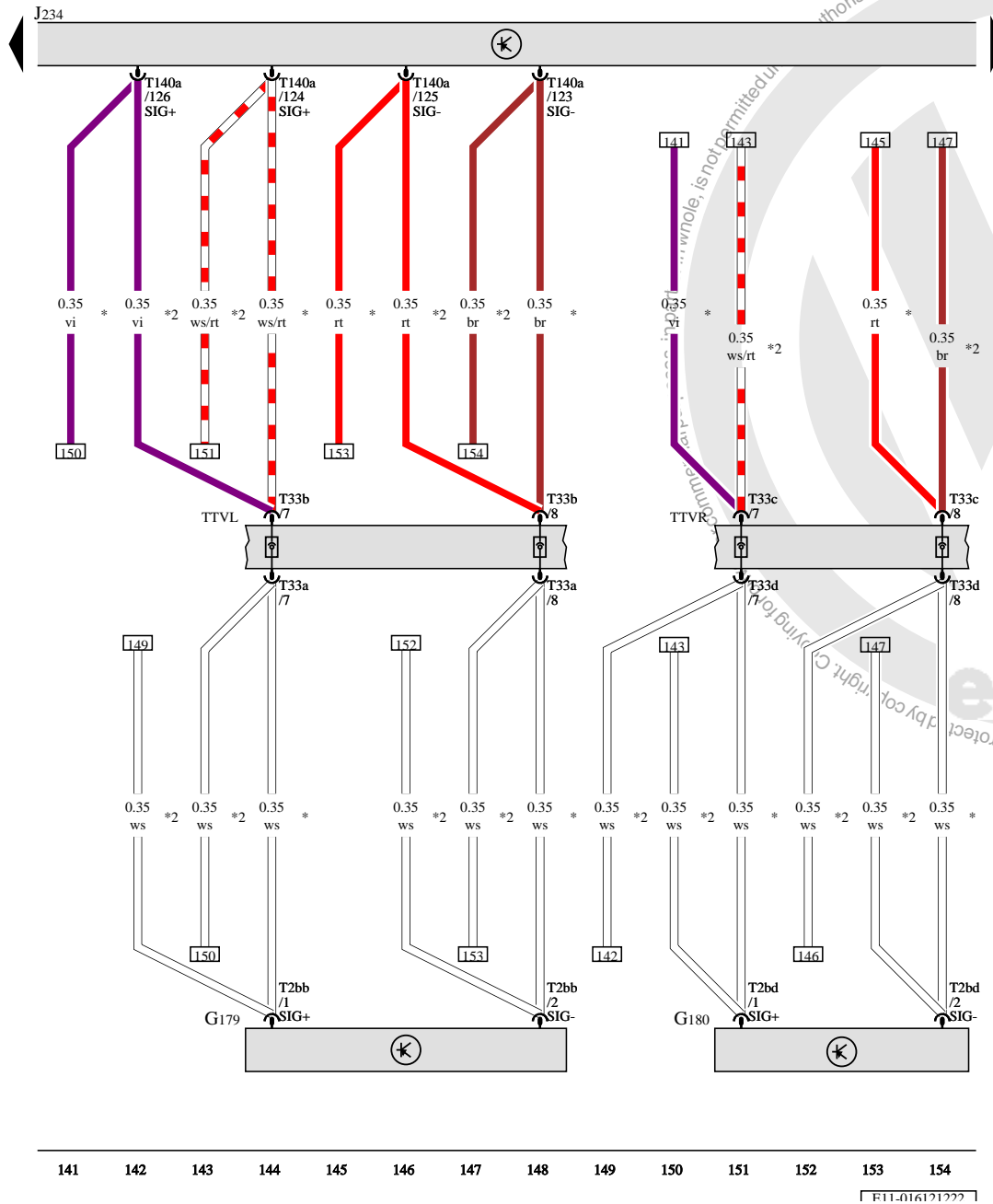
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Airbag systems

From March 2020



Side airbag crash sensor on driver side, Side airbag crash sensor on front passenger side, Airbag control unit



- G179 Side airbag crash sensor on driver side
- G180 Side airbag crash sensor on front passenger side
- J234 Airbag control unit
- T2bb 2-pin connector, yellow
- T2bd 2-pin connector, yellow
- T33a 33-pin connector, black
- T33b 33-pin connector, black
- T33c 33-pin connector, black
- T33d 33-pin connector, black
- T140a 140-pin connector, yellow
- TTVL Coupling point for front left door
- TTVR Coupling point for front right door
- * For left-hand drive models
- *2 For right-hand drive models

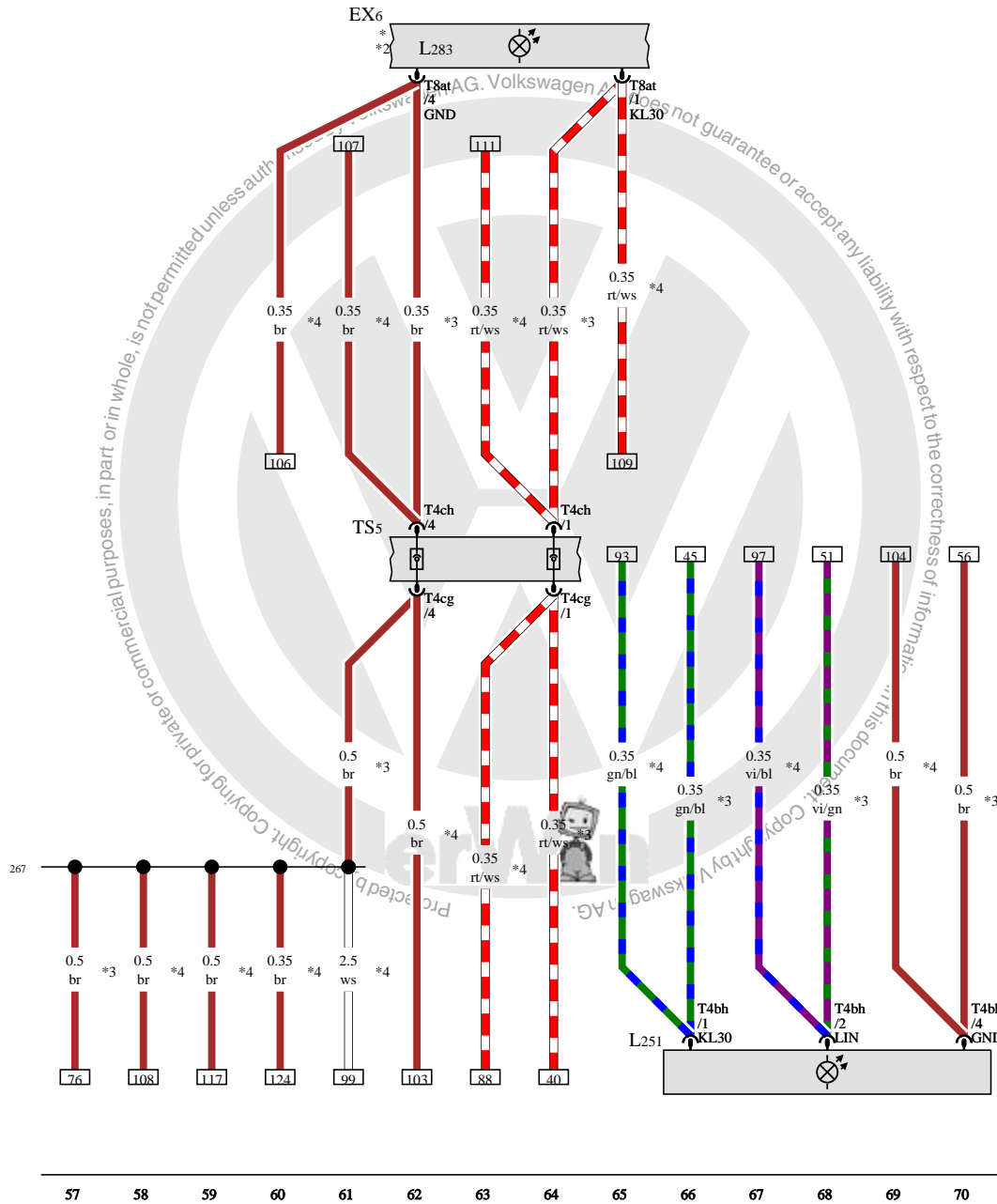
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Driver exterior door handle, Light for front left door contour lighting

- EX6 Driver exterior door handle
- L251 Light for front left door contour lighting
- L283 Light for exterior door handle illumination, driver side
- T4bh 4-pin connector, black
- T4cg 4-pin connector, black
- T4ch 4-pin connector, black
- T8at 8-pin connector, black
- TS5 Coupling point 2 in front left door

267 Earth connection 2, in driver side door wiring harness

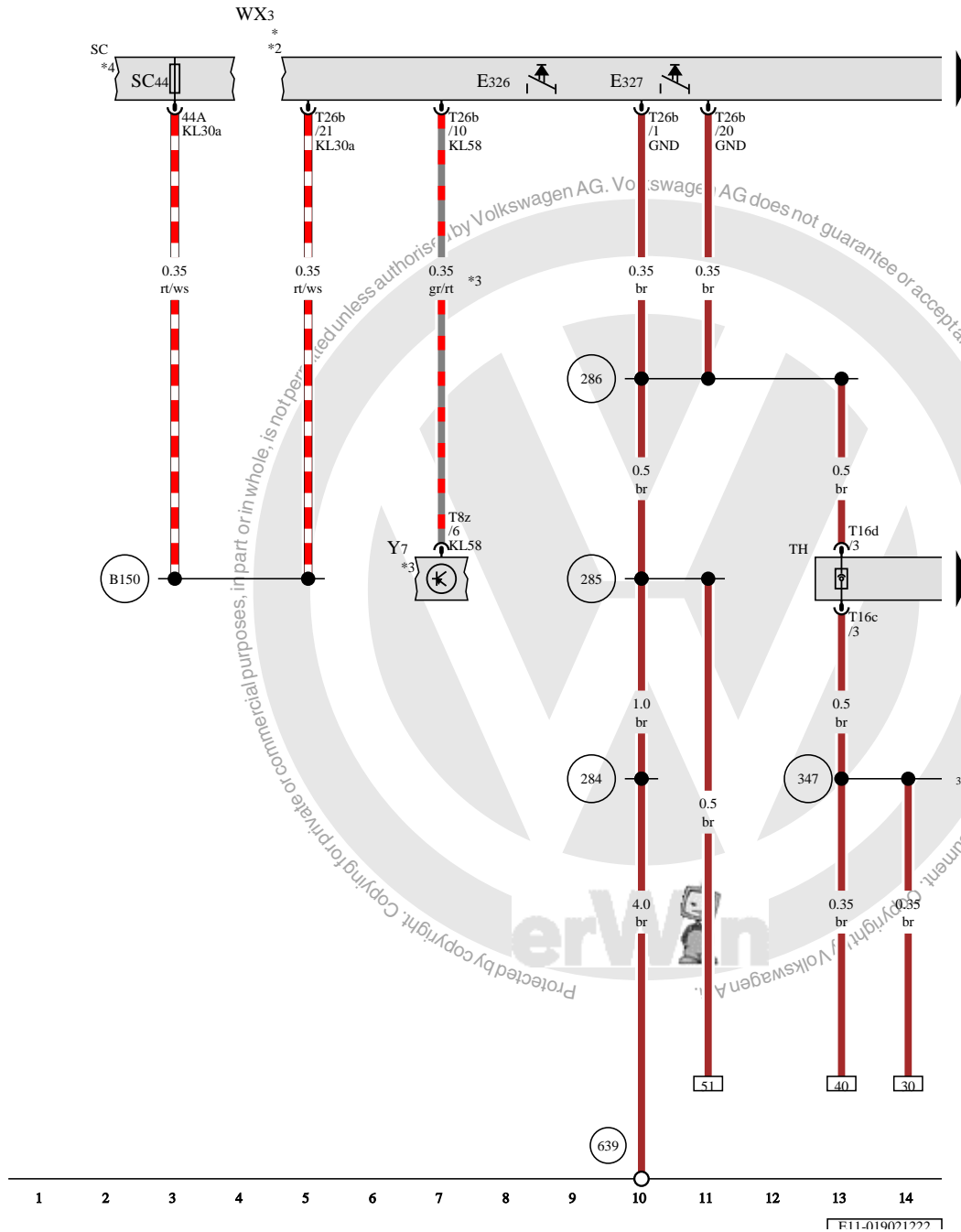
- * Pre-wired component
- *2 see applicable current flow diagram for entry and start authorisation
- *3 For left-hand drive models
- *4 For right-hand drive models



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Fuse holder C, Front roof module, Automatic anti-dazzle interior mirror



- E326 Front interior light button
- E327 Rear interior light button
- SC Fuse holder C
- SC44 Fuse 44 on fuse holder C
- T8z 8-pin connector, black
- T16c 16-pin connector, brown
- T16d 16-pin connector, brown
- T26b 26-pin connector, black
- TH Coupling point for roof
- WX3 Front roof module
- Y7 Automatic anti-dazzle interior mirror

- 284 Earth connection 6, in interior wiring harness
- 285 Earth connection 7, in interior wiring harness
- 286 Earth connection 8, in interior wiring harness
- 347 Earth connection, in roof wiring harness
- 639 Earth point, on left A-pillar
- B150 Positive connection 2 (30a), in interior wiring harness

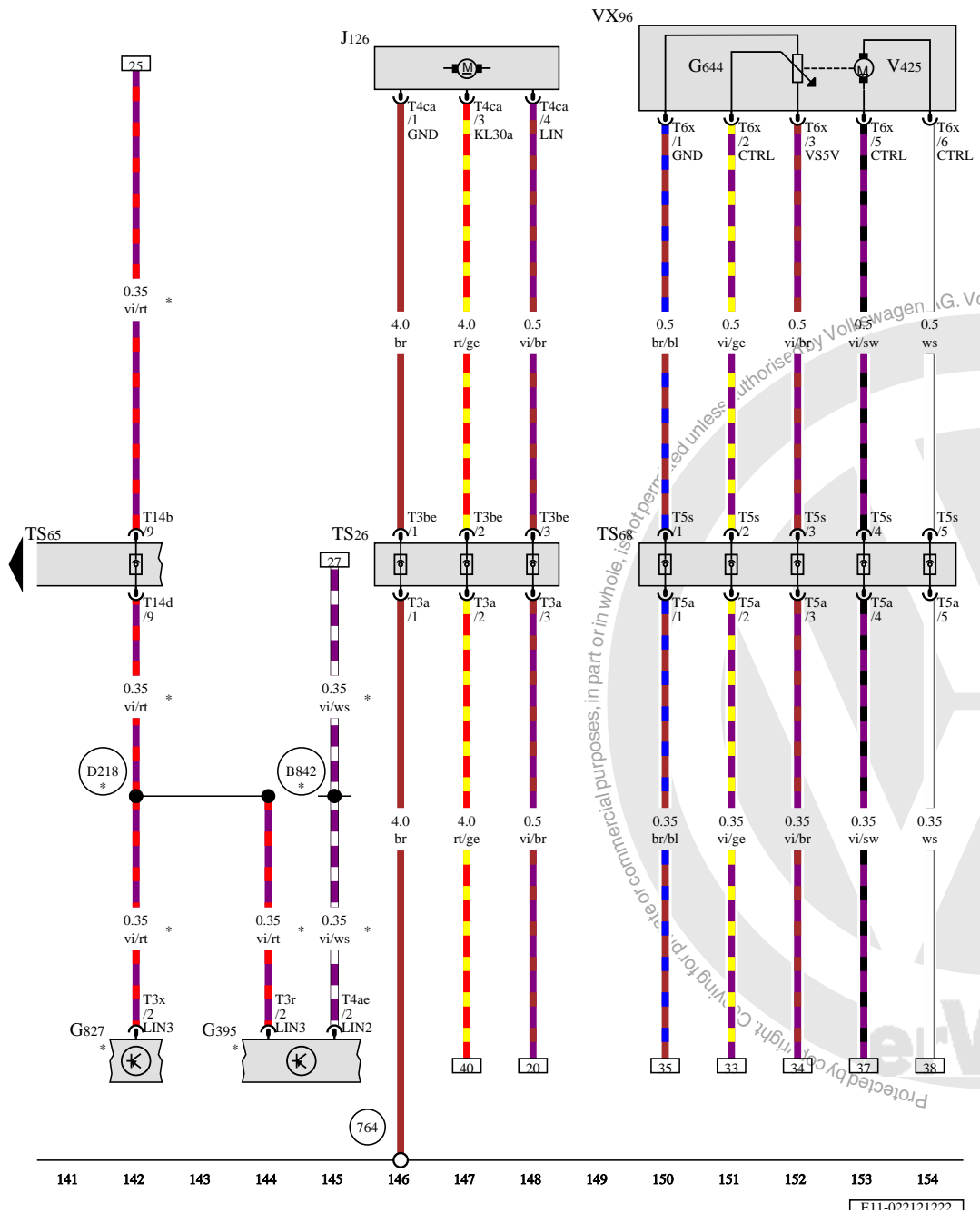
- * see applicable current flow diagram for airbag
- *2 see applicable current flow diagram for emergency call module
- *3 see applicable current flow diagram for interior mirror
- *4 see applicable current flow diagram for fuses in interior

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Climatronic , (KC0),(KH4)

From March 2020





Refrigerant pressure and temperature sender, Refrigerant pressure and temperature sender 3, Fresh air blower control unit, Fresh air and air recirculation flap

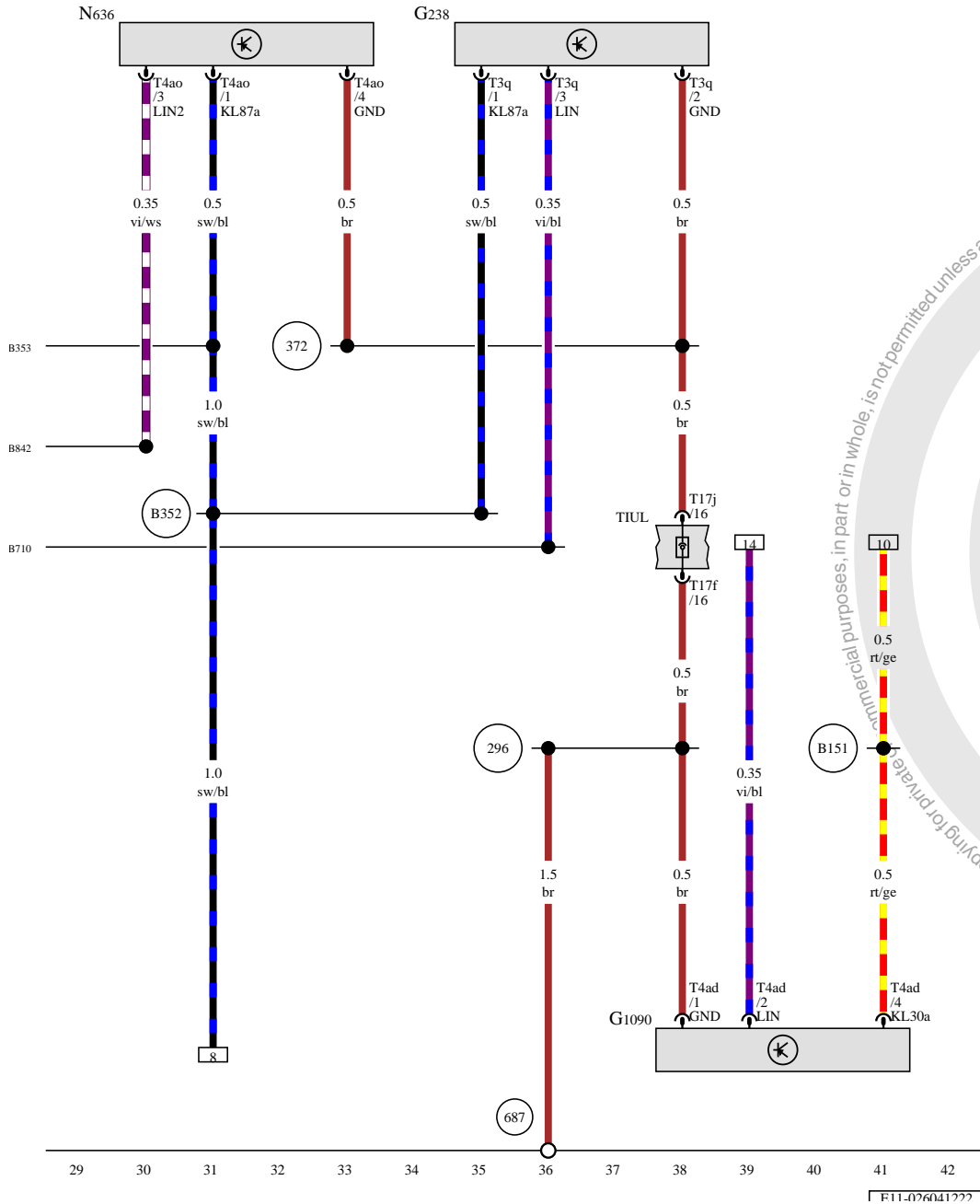
- G395 Refrigerant pressure and temperature sender
 - G644 Potentiometer for fresh air/air recirculation, air flow flap control motor
 - G827 Refrigerant pressure and temperature sender 3
 - J126 Fresh air blower control unit
 - T3a 3-pin connector, black
 - T3be 3-pin connector, black
 - T3r 3-pin connector, black
 - T3x 3-pin connector, brown
 - T4ae 4-pin connector, brown
 - T4ca 4-pin connector, black
 - T5a 5-pin connector, black
 - T5s 5-pin connector, black
 - T6x 6-pin connector, blue
 - T14b 14-pin connector, black
 - T14d 14-pin connector, black
 - TS26 Coupling point for blower
 - TS65 Coupling point for running gear, front
 - TS68 Coupling point for fresh air and air recirculation flap
 - VX96 Fresh air and air recirculation flap
 - V425 Fresh air/air recirculation, air flow flap control motor
- 764 Earth point, in front left wheel housing
 - B842 Connection 8 (LIN bus) in main wiring harness
 - D218 Connection 1 (LIN bus) in engine compartment wiring harness
 - * see applicable current flow diagram for thermal management

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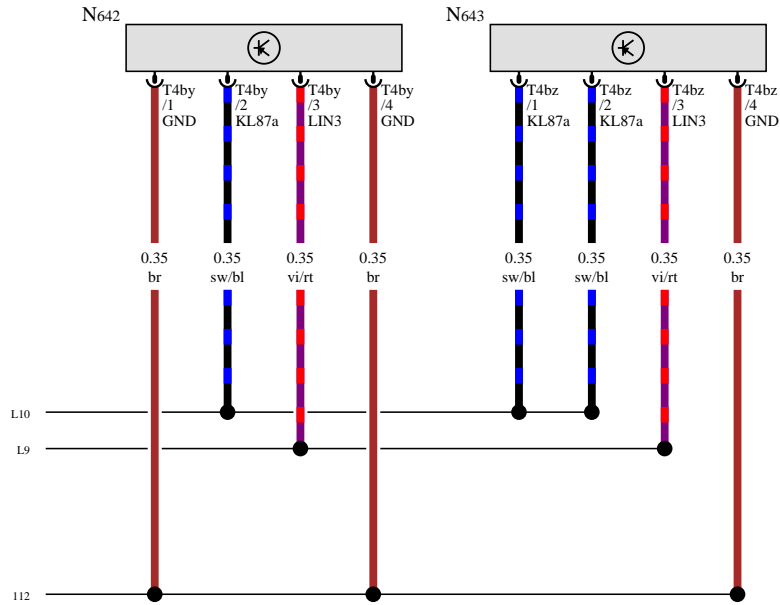
Air quality sensor, Vehicle interior temperature sensor, Refrigerant expansion valve 1



- G238 Air quality sensor
- G1090 Vehicle interior temperature sensor
- N636 Refrigerant expansion valve 1
- T3q 3-pin connector, grey
- T4ad 4-pin connector, black
- T4ao 4-pin connector, black
- T17f 17-pin connector, brown
- T17j 17-pin connector, brown
- TIUL Coupling point in interior, below left
- 296 Earth connection 11, in interior wiring harness
- 372 Earth connection 7, in main wiring harness
- 687 Earth point 1, on centre tunnel
- B151 Positive connection 3 (30a), in interior wiring harness
- B352 Positive connection 3 (87a) in main wiring harness
- B353 Positive connection 4 (87a) in main wiring harness
- B710 Connection 5 (LIN bus) in main wiring harness
- B842 Connection 8 (LIN bus) in main wiring harness

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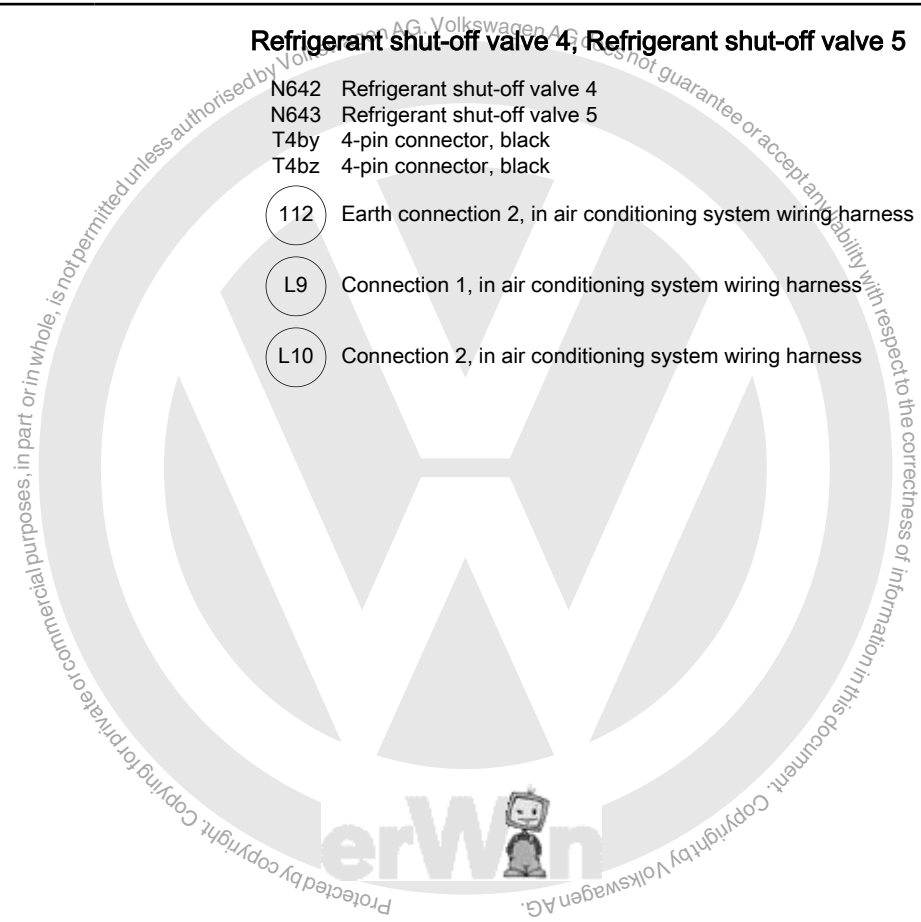
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Refrigerant shut-off valve 4; Refrigerant shut-off valve 5

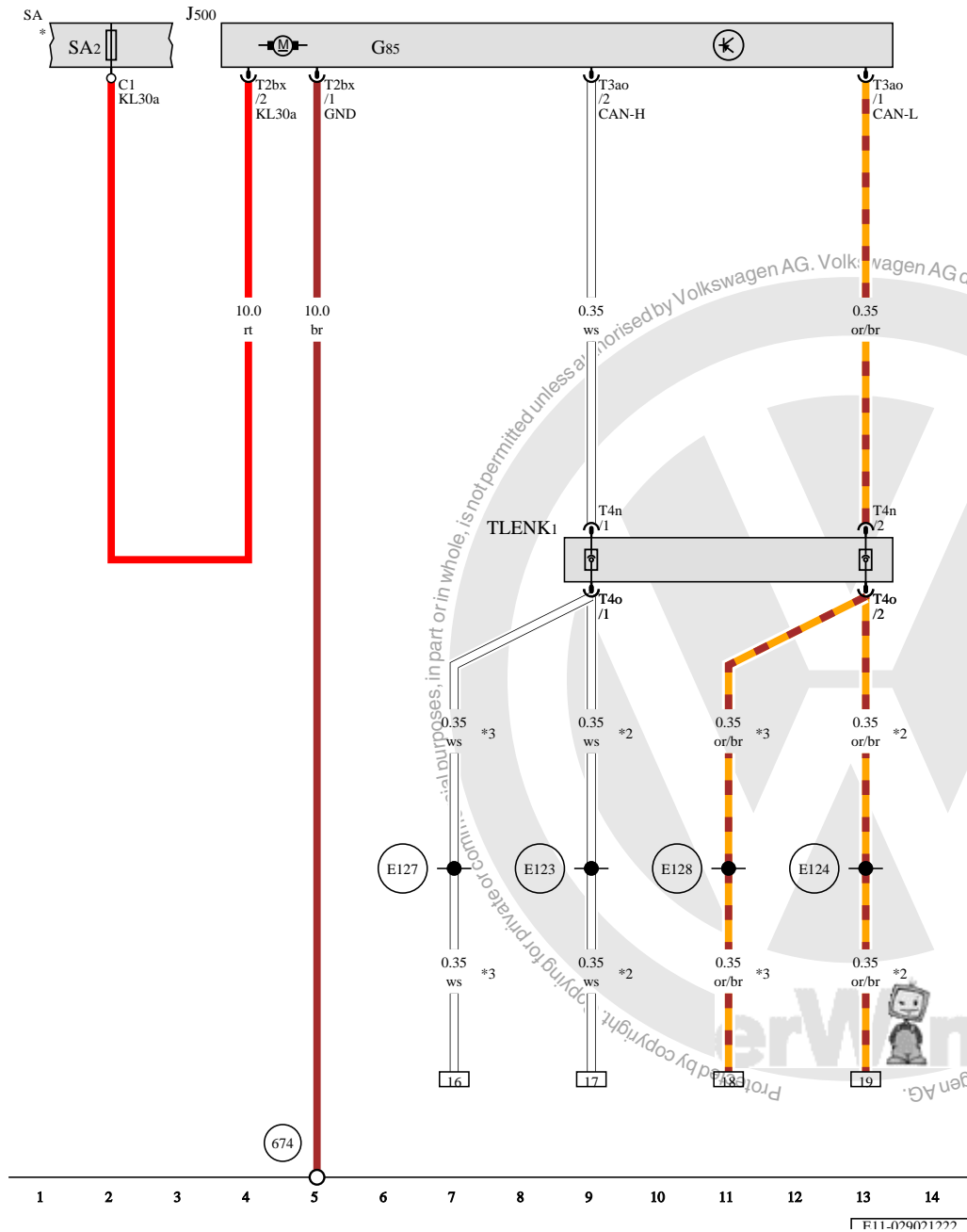
- N642 Refrigerant shut-off valve 4
- N643 Refrigerant shut-off valve 5
- T4by 4-pin connector, black
- T4bz 4-pin connector, black

- (112) Earth connection 2, in air conditioning system wiring harness
- (L9) Connection 1, in air conditioning system wiring harness
- (L10) Connection 2, in air conditioning system wiring harness



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Power steering control unit, Fuse holder A



- G85 Steering angle sender
- J500 Power steering control unit
- SA Fuse holder A
- SA2 Fuse 2 on fuse holder A
- T2bx 2-pin connector, black
- T3ao 3-pin connector, black
- T4n 4-pin connector, black
- T4o 4-pin connector, black
- TLENK1 Coupling point 1 for steering

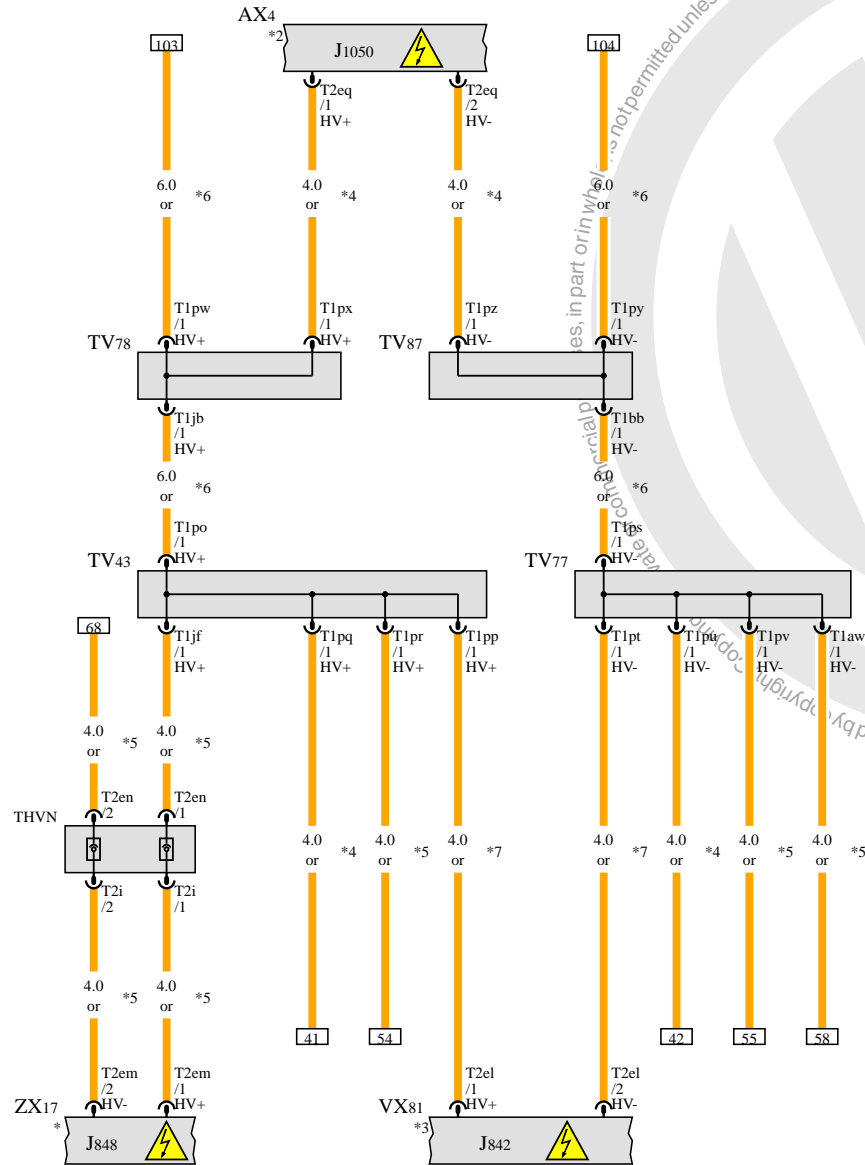
- 674 Earth point 4, on front of left longitudinal member
 - E123 Connection 1 (powertrain CAN bus, high), in engine wiring harness
 - E124 Connection 1 (powertrain CAN bus, low), in engine wiring harness
 - E127 Connection 3 (powertrain CAN bus, high), in engine wiring harness
 - E128 Connection 3 (powertrain CAN bus, low), in engine wiring harness
- * see applicable current flow diagram for fuses in engine compartment
 For left-hand drive models
 For right-hand drive models

Seat heating , (4A3)

From March 2020



Charging unit 1 for high-voltage battery, Air conditioner compressor, High-voltage heater (PTC)

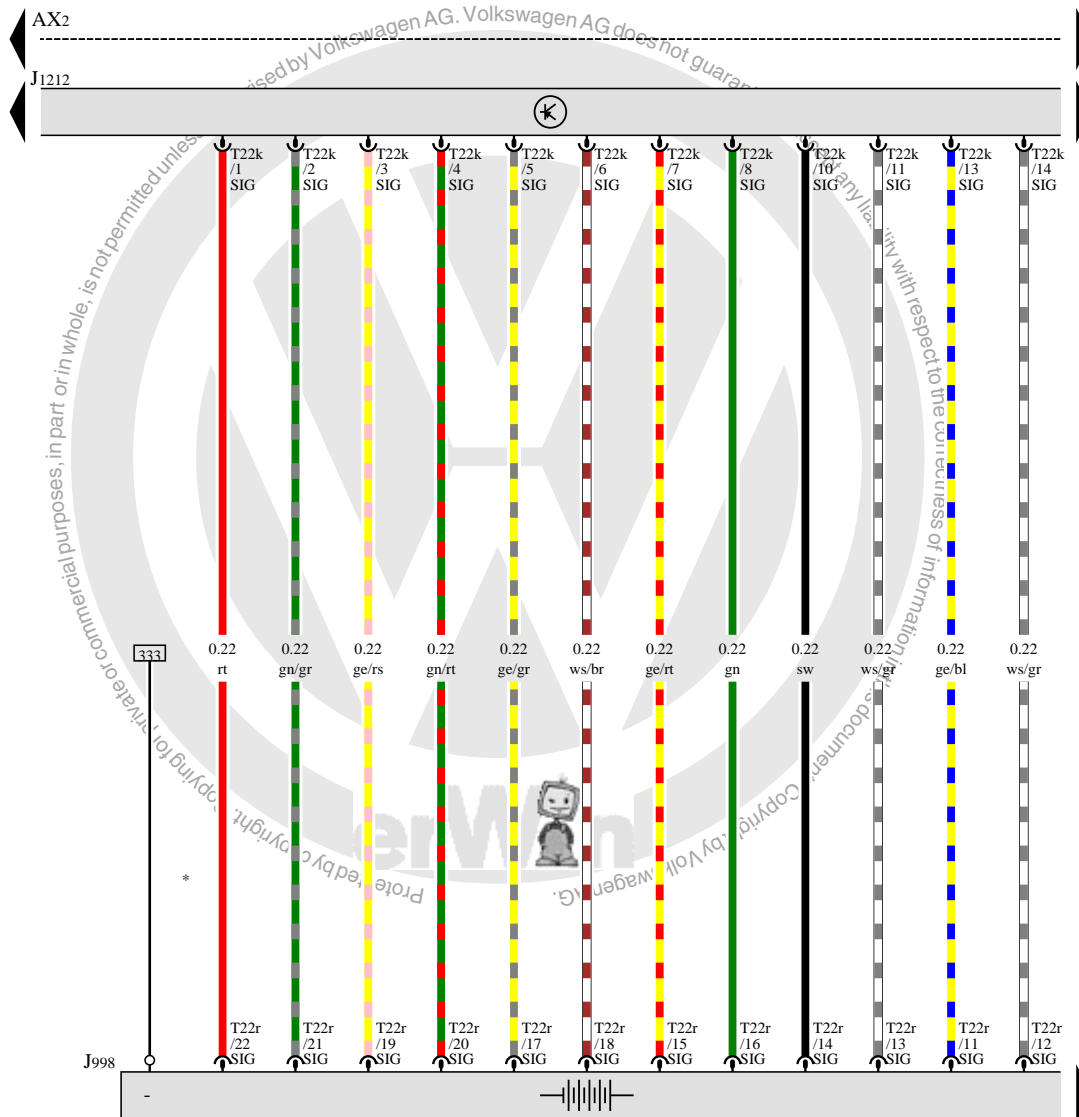


- AX4 Charging unit 1 for high-voltage battery
- J842 Control unit for air conditioner compressor
- J848 High-voltage heater (PTC) control unit
- J1050 Control unit for high-voltage battery charging unit
- T1aw 1-pin connector, orange
- T1bb 1-pin connector, orange
- T1jb 1-pin connector, orange
- T1jf 1-pin connector, orange
- T1po 1-pin connector, orange
- T1pp 1-pin connector, orange
- T1pq 1-pin connector, orange
- T1pr 1-pin connector, orange
- T1ps 1-pin connector, orange
- T1pt 1-pin connector, orange
- T1pu 1-pin connector, orange
- T1pv 1-pin connector, orange
- T1pw 1-pin connector, orange
- T1px 1-pin connector, orange
- T1py 1-pin connector, orange
- T1pz 1-pin connector, orange
- T2el 2-pin connector, orange
- T2em 2-pin connector, orange
- T2en 2-pin connector, orange
- T2eq 2-pin connector, orange
- T2i 2-pin connector, orange
- THVN Coupling point for high-voltage network
- TV43 High-voltage network wiring junction
- TV77 High-voltage network wiring junction 2
- TV78 High-voltage network wiring junction 3
- TV87 High-voltage network wiring junction 4
- VX81 Air conditioner compressor
- ZX17 High-voltage heater (PTC)
- * see applicable current flow diagram for auxiliary air heater
- *2 see applicable current flow diagram for high-voltage battery charging
- *3 see applicable current flow diagram for air conditioning
- *4 High-voltage wire for charging unit 1/wiring junction (P12)
- *5 High-voltage wire for high-voltage heater (PTC) (P11)
- *6 High-voltage wire for wiring junction/high-voltage battery (P8)
- *7 High-voltage wire for electrical air conditioner compressor (P3)

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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

57 58 59 60 61 62 63 64 65 66 67 68 69 70

F11-035061222



High-voltage battery 1, Battery module 8, Battery modules control unit 5

- AX2 High-voltage battery 1
- J998 Battery module 8
- J1212 Battery modules control unit 5
- T22k 22-pin connector, light blue
- T22r 22-pin connector, colourless
- * Push-in bridge

- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
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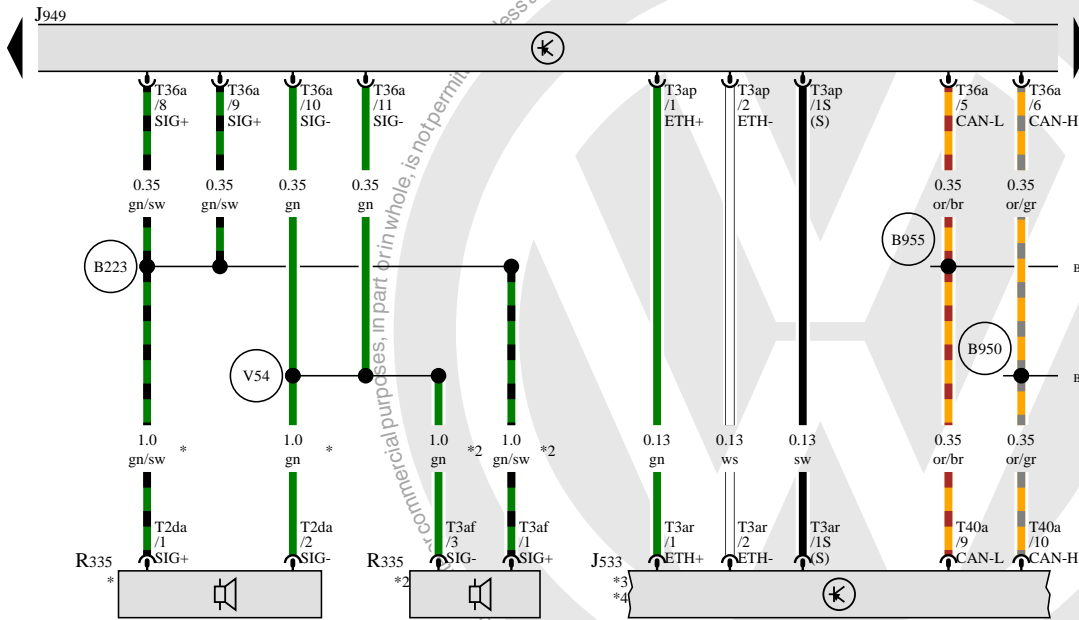
365 366 367 368 369 370 371 372 373 374 375 376 377 378

F11J035281222

Light switch

From March 2020





Data bus diagnostic interface, Emergency call module control unit and communication unit, Loudspeaker for emergency call module

- J533 Data bus diagnostic interface
- J949 Emergency call module control unit and communication unit
- R335 Loudspeaker for emergency call module
- T2da 2-pin connector, black
- T3af 3-pin connector, black
- T3ap 3-pin connector, black
- T3ar 3-pin connector, black
- T36a 36-pin connector, black
- T40a 40-pin connector, black

- B223 Connection navigation (telephone), in interior wiring harness
- B950 Connection 1 (connectivity CAN bus, high), in main wiring harness
- B955 Connection 1 (connectivity CAN bus, low), in main wiring harness
- V54 Connection 1 (telephone), in main wiring harness

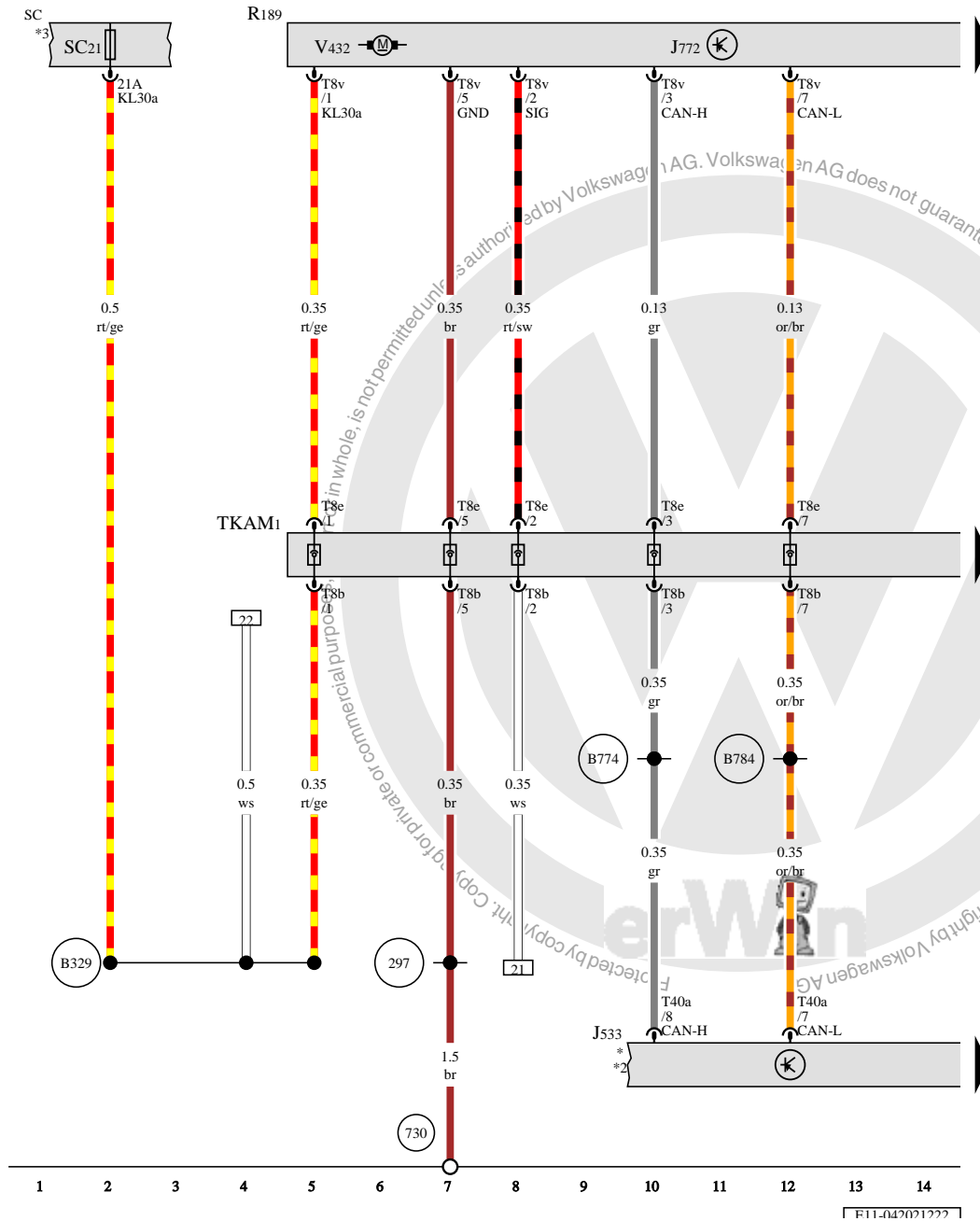
- * For models with sound system
- *2 For models with no sound system
- *3 see applicable current flow diagram for data bus network for communication CAN bus
- *4 see applicable current flow diagram for ethernet data bus network

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

[F11-039031222]

Data bus diagnostic interface, Reversing camera, Fuse holder C



- J533 Data bus diagnostic interface
- J772 Reversing camera system control unit
- R189 Reversing camera
- SC Fuse holder C
- SC21 Fuse 21 on fuse holder C
- T8b 8-pin connector, black
- T8e 8-pin connector, black
- T8v 8-pin connector, black
- T40a 40-pin connector, black
- TKAM1 Coupling point for reversing camera
- V432 Emblem motor

- (297) Earth connection 12, in interior wiring harness
- (730) Earth point 1, on right rear wheel housing
- (B329) Positive connection 15 (30a) in main wiring harness
- (B774) Connection 3 (running gear sensors CAN bus, high), in main wiring harness
- (B784) Connection 3 (running gear sensors CAN bus, low), in main wiring harness
- * see applicable current flow diagram for data bus network for running gear CAN bus
- *2 see applicable current flow diagram for ethernet data bus network
- *3 see applicable current flow diagram for fuses in interior

- ws = white
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- bl = blue
- gr = grey
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- vi = purple
- ge = yellow
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F11-042071222

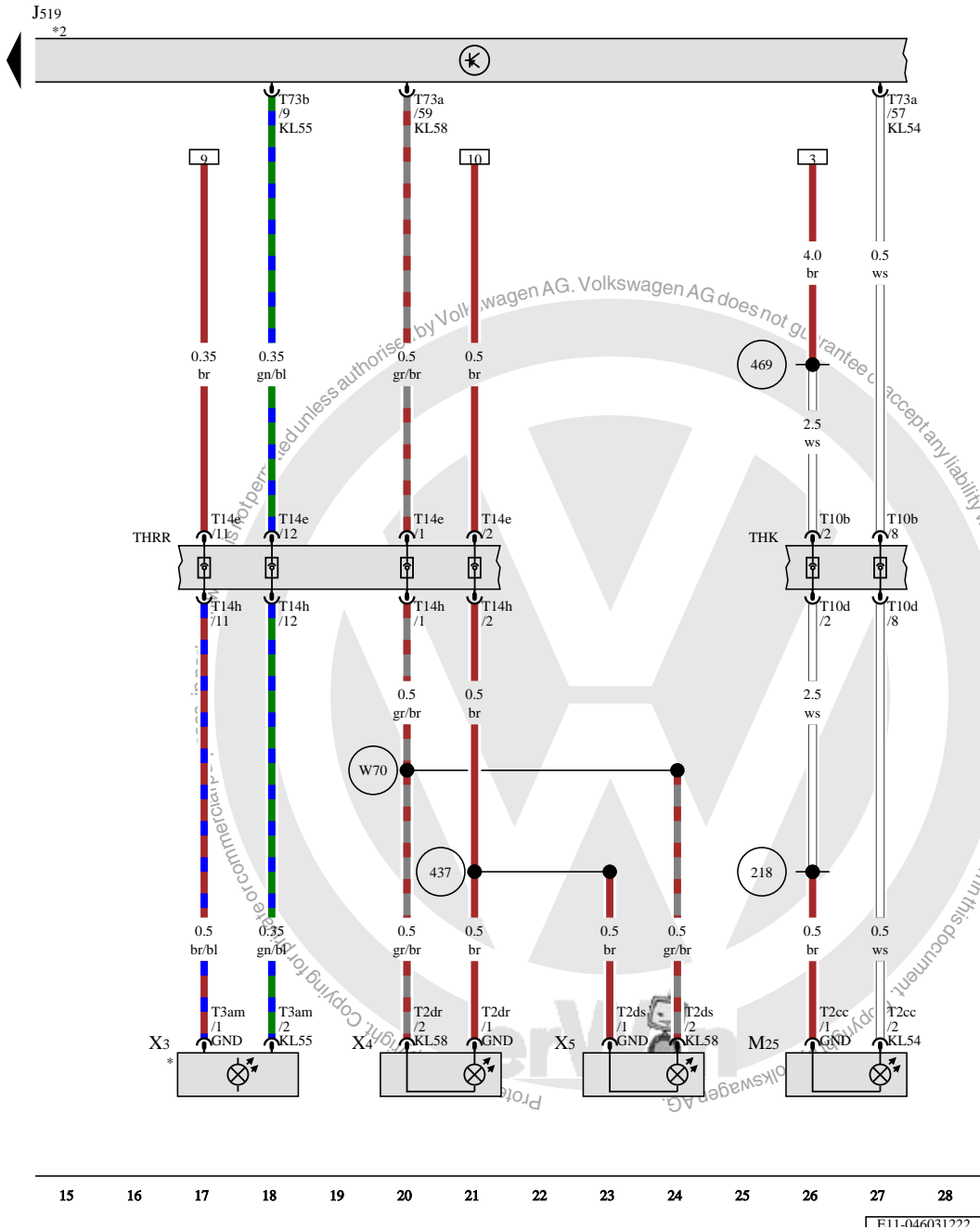
Dash panel insert

From March 2020



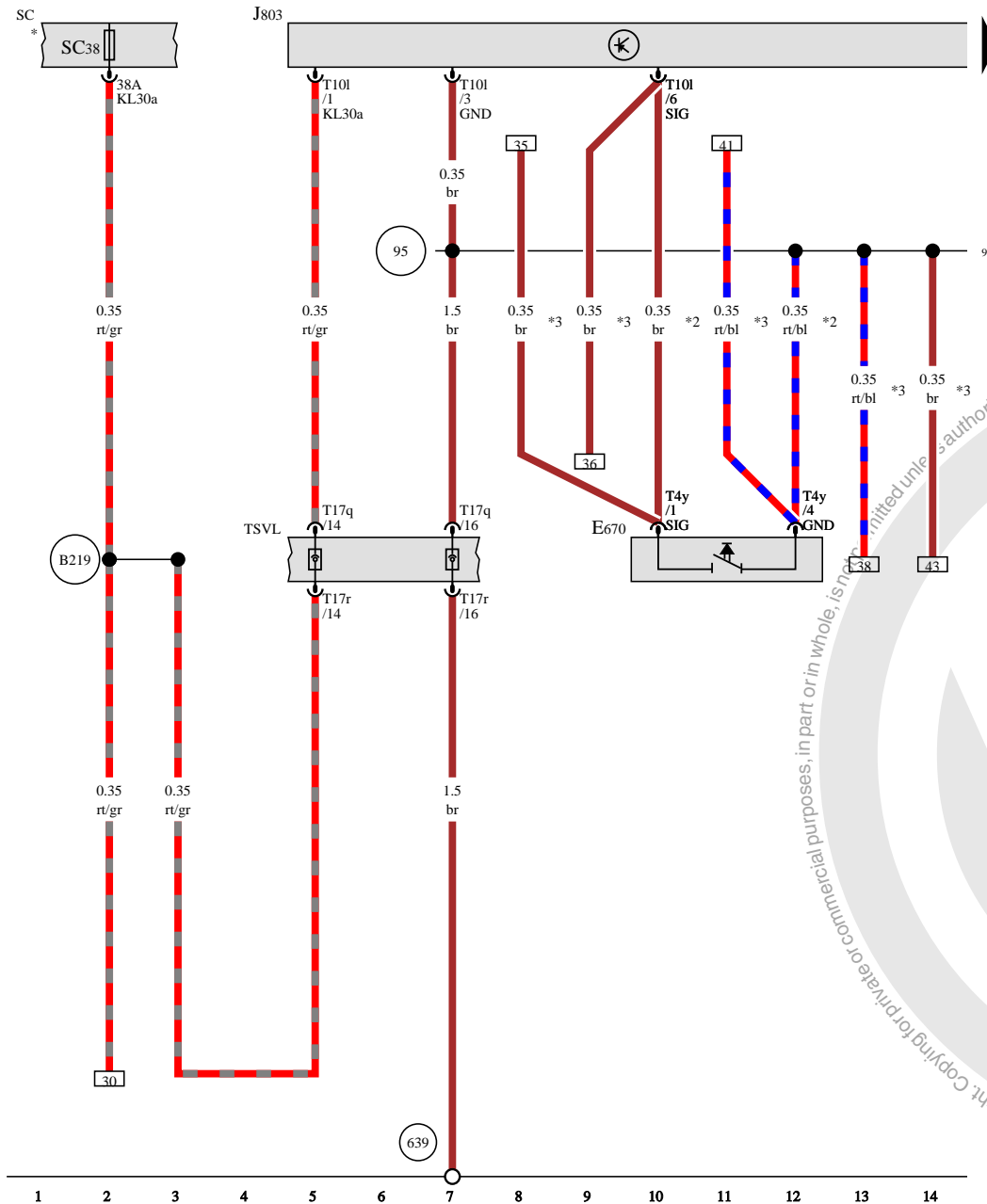
Onboard supply control unit, Rear fog light, Left number plate light, Right number plate light

- J519 Onboard supply control unit
- M25 High-level brake light bulb
- T2cc 2-pin connector, black
- T2dr 2-pin connector, black
- T2ds 2-pin connector, black
- T3am 3-pin connector, black
- T10b 10-pin connector, black
- T10d 10-pin connector, black
- T14e 14-pin connector, black
- T14h 14-pin connector, black
- T73a 73-pin connector, black
- T73b 73-pin connector, black
- THK Coupling point for rear lid
- THRR Coupling point in luggage compartment, right
- X3 Rear fog light
- X4 Left number plate light
- X5 Right number plate light
- 218 Earth connection 1, in rear lid wiring harness
- 437 Earth connection, in number plate light wiring harness
- 469 Earth connection 20, in interior wiring harness
- W70 Positive connection 2 (58), in number plate wiring harness
- * Pre-wired component
- *2 see applicable current flow diagram for light switch



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- bl = blue
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Driver seat massage function button, Control unit for front left massage seat, Fuse holder C



- E670 Driver seat massage function button
- J803 Control unit for front left massage seat
- SC Fuse holder C
- SC38 Fuse 38 on fuse holder C
- T4y 4-pin connector, black
- T101 10-pin connector, black
- T17q 17-pin connector, yellow
- T17r 17-pin connector, yellow
- TSVL Coupling point for front left seat

- 95 Earth connection 1, in seat adjustment wiring harness
- 639 Earth point, on left A-pillar
- B219 Positive connection 4 (30a), in interior wiring harness
- * see applicable current flow diagram for fuses in interior
- *2 For left-hand drive models
- *3 For right-hand drive models

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- gn = green
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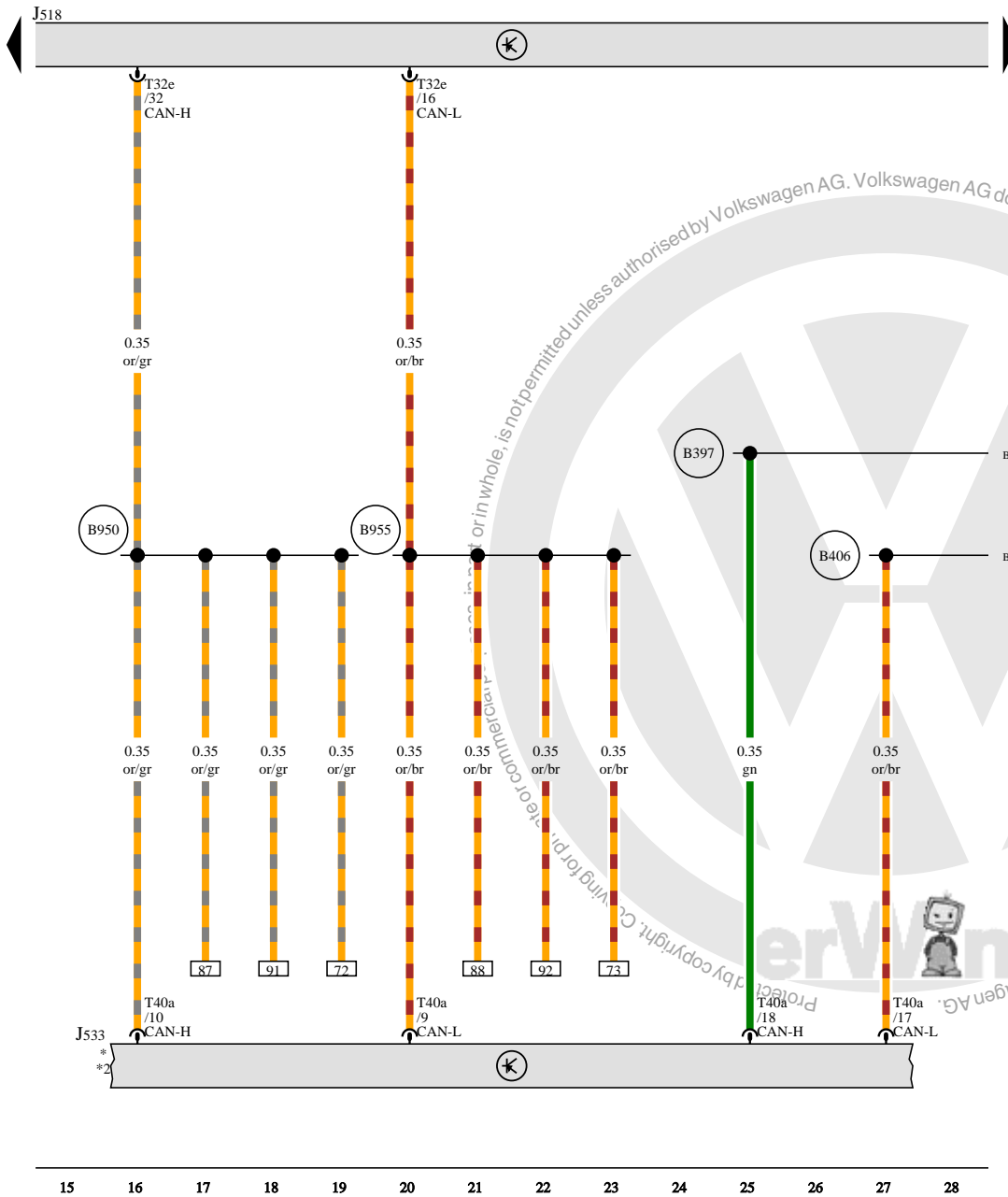
F11-049071222

Entry and start authorisation control unit, Data bus diagnostic interface

- J518 Entry and start authorisation control unit
- J533 Data bus diagnostic interface
- T32e 32-pin connector, grey
- T40a 40-pin connector, black

- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness
- B950 Connection 1 (connectivity CAN bus, high), in main wiring harness
- B955 Connection 1 (connectivity CAN bus, low), in main wiring harness

* see applicable current flow diagram for data bus network for communication CAN bus
 *2 see applicable current flow diagram for data bus network for convenience CAN bus



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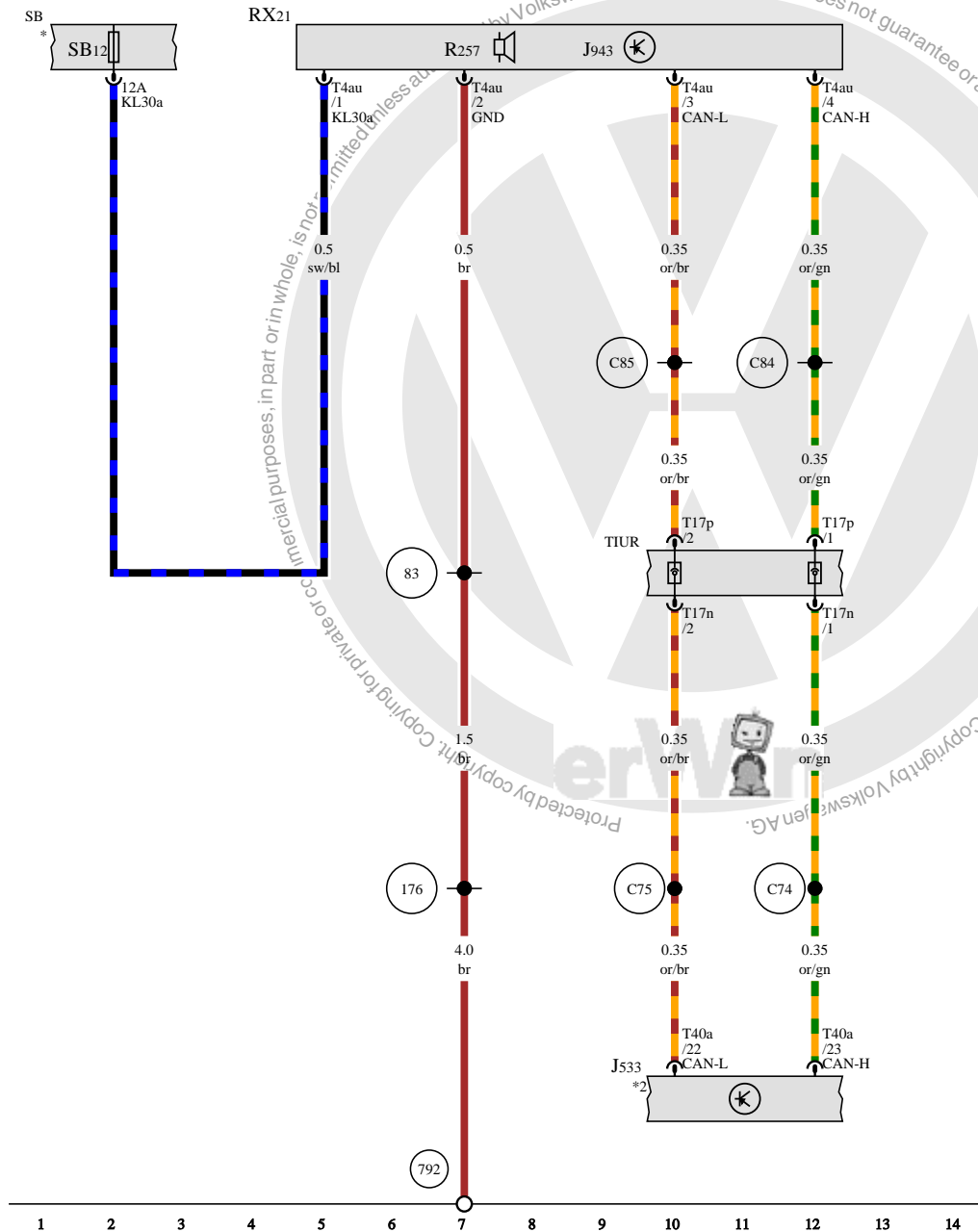
15 16 17 18 19 20 21 22 23 24 25 26 27 28

[F11-052031222]

Data bus diagnostic interface, Engine sound generator module 1, Fuse holder B

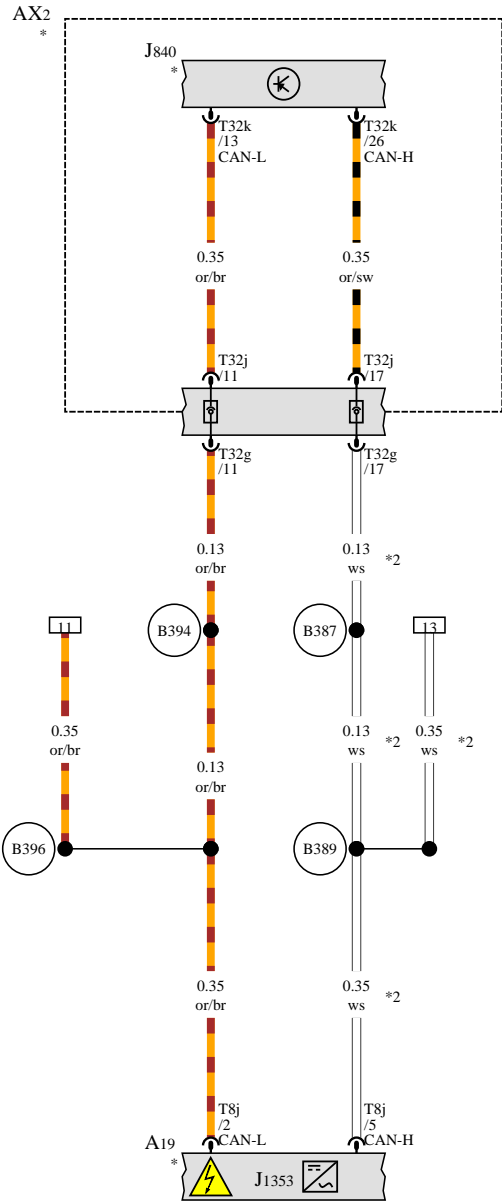
- J533 Data bus diagnostic interface
- J943 Engine sound generator control unit
- RX21 Engine sound generator module 1
- R257 Actuator 1 for engine sound generator
- SB Fuse holder B
- SB12 Fuse 12 on fuse holder B
- T4au 4-pin connector, black
- T17n 17-pin connector, brown
- T17p 17-pin connector, brown
- T40a 40-pin connector, black
- TIUR Coupling point in interior, below right

- (83) Earth connection 1, in front right wiring harness
- (176) Earth connection, in right headlight wiring harness
- (792) Earth point, in front right wheel housing
- (C74) Connection 1 (VARILIS headlights CAN bus, high), in main wiring harness
- (C75) Connection 1 (VARILIS headlights CAN bus, low), in main wiring harness
- (C84) Connection 1 (VARILIS headlights CAN bus, high), in engine compartment
- (C85) Connection 1 (VARILIS headlights CAN bus, low), in engine compartment
- * see applicable current flow diagram for fuses in engine compartment
- *2 see applicable current flow diagram for data bus network for convenience CAN bus



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F11-055021222



High-voltage battery 1, Voltage converter, Battery regulation control unit

- AX2 High-voltage battery 1
- A19 Voltage converter
- J840 Battery regulation control unit
- J1353 Voltage converter control unit
- T8j 8-pin connector, black
- T32g 32-pin connector, Onboard supply connection
- T32j 32-pin connector, Onboard supply connection
- T32k 32-pin connector, black

- B387** Connection 5 (powertrain CAN bus, high), in main wiring harness
- B389** Connection 7 (powertrain CAN bus, high), in main wiring harness
- B394** Connection 5 (powertrain CAN bus, low), in main wiring harness
- B396** Connection 7 (powertrain CAN bus, low), in main wiring harness

* see applicable current flow diagram for high-voltage battery system
 *2 Wire colour purple

- ws = white
- sw = black
- ro = red
- ri = red
- br = brown
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- bl = blue
- gr = grey
- li = purple
- vi = purple
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15 16 17 18 19 20 21 22 23 24 25 26 27 28

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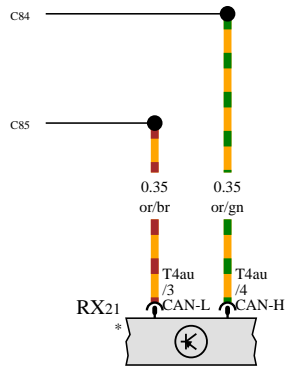
Engine sound generator module 1

RX21 Engine sound generator module 1
 T4au 4-pin connector, black

C84 Connection 1 (VARILIS headlights CAN bus, high), in engine compartment

C85 Connection 1 (VARILIS headlights CAN bus, low), in engine compartment

* see applicable current flow diagram



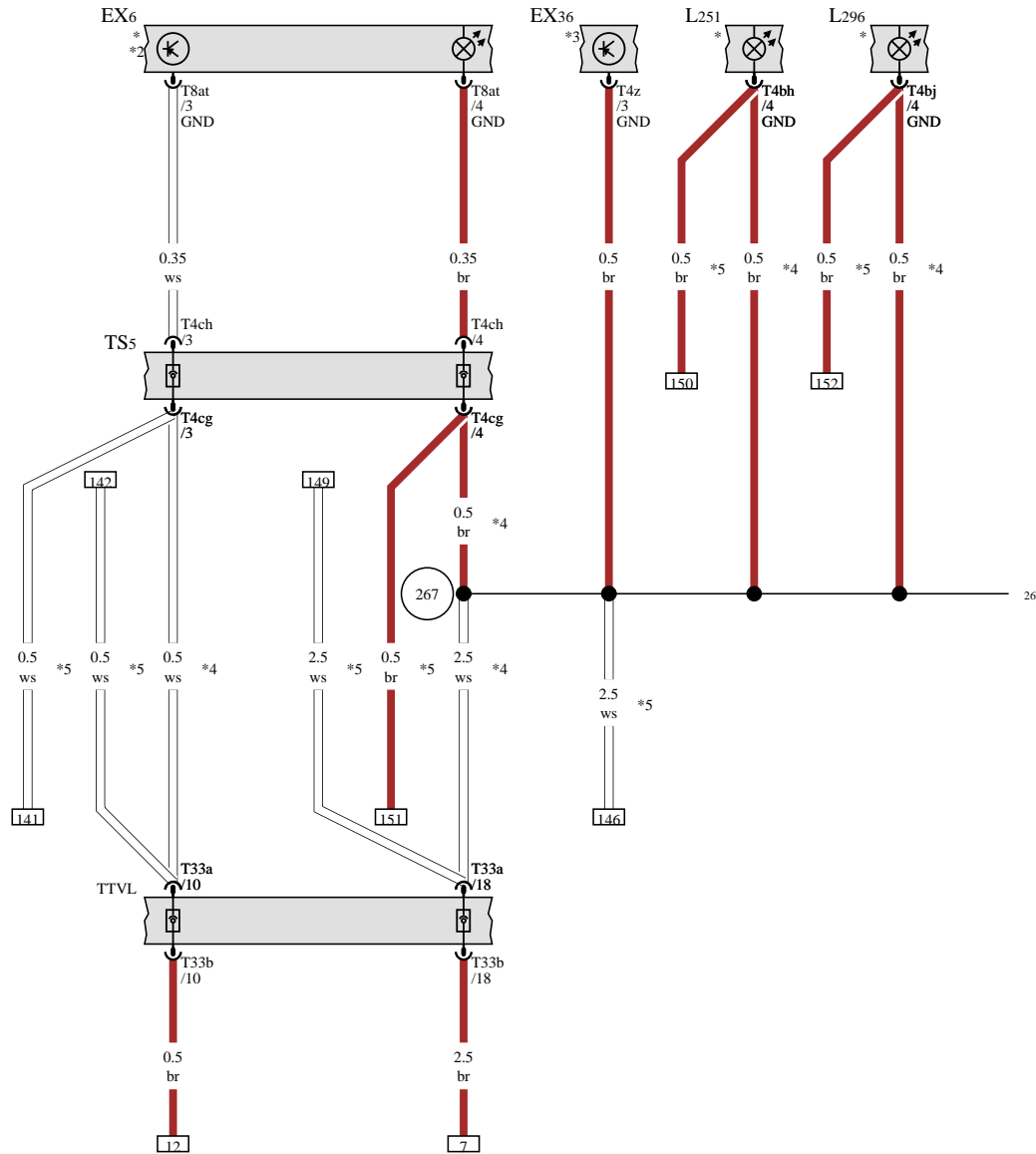
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Internet access , (GW2)

From March 2020



Driver exterior door handle, Operating unit for window regulator in driver door, Light for front left door contour lighting, Light 2 for front left door contour lighting

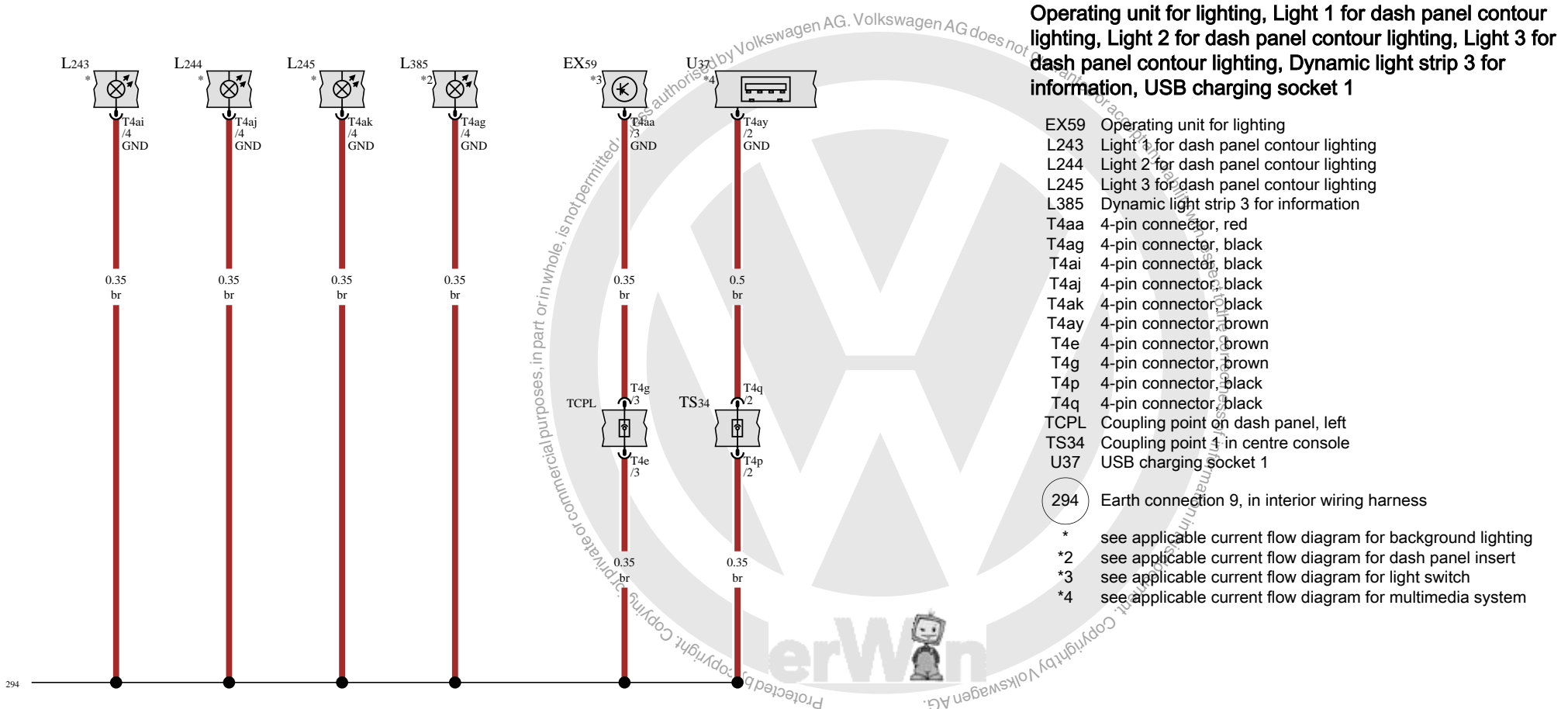


- EX6 Driver exterior door handle
- EX36 Operating unit for window regulator in driver door
- L251 Light for front left door contour lighting
- L296 Light 2 for front left door contour lighting
- T4bh 4-pin connector, black
- T4bj 4-pin connector, black
- T4cg 4-pin connector, black
- T4ch 4-pin connector, black
- T4z 4-pin connector, red
- T8at 8-pin connector, black
- T33a 33-pin connector, black
- T33b 33-pin connector, black
- TS5 Coupling point 2 in front left door
- TTVL Coupling point for front left door

267 Earth connection 2, in driver side door wiring harness

- * see applicable current flow diagram for background lighting
- *2 see applicable current flow diagram for entry and start authorisation
- *3 see applicable current flow diagram for door control units, driver side
- *4 For left-hand drive models
- *5 For right-hand drive models

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Operating unit for lighting, Light 1 for dash panel contour lighting, Light 2 for dash panel contour lighting, Light 3 for dash panel contour lighting, Dynamic light strip 3 for information, USB charging socket 1

- EX59 Operating unit for lighting
- L243 Light 1 for dash panel contour lighting
- L244 Light 2 for dash panel contour lighting
- L245 Light 3 for dash panel contour lighting
- L385 Dynamic light strip 3 for information
- T4aa 4-pin connector, red
- T4ag 4-pin connector, black
- T4ai 4-pin connector, black
- T4aj 4-pin connector, black
- T4ak 4-pin connector, black
- T4ay 4-pin connector, brown
- T4e 4-pin connector, brown
- T4g 4-pin connector, brown
- T4p 4-pin connector, black
- T4q 4-pin connector, black
- TCPL Coupling point on dash panel, left
- TS34 Coupling point 1 in centre console
- U37 USB charging socket 1

294 Earth connection 9, in interior wiring harness

- * see applicable current flow diagram for background lighting
- *2 see applicable current flow diagram for dash panel insert
- *3 see applicable current flow diagram for light switch
- *4 see applicable current flow diagram for multimedia system

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Adjustable seat , (L0R),(3L5)

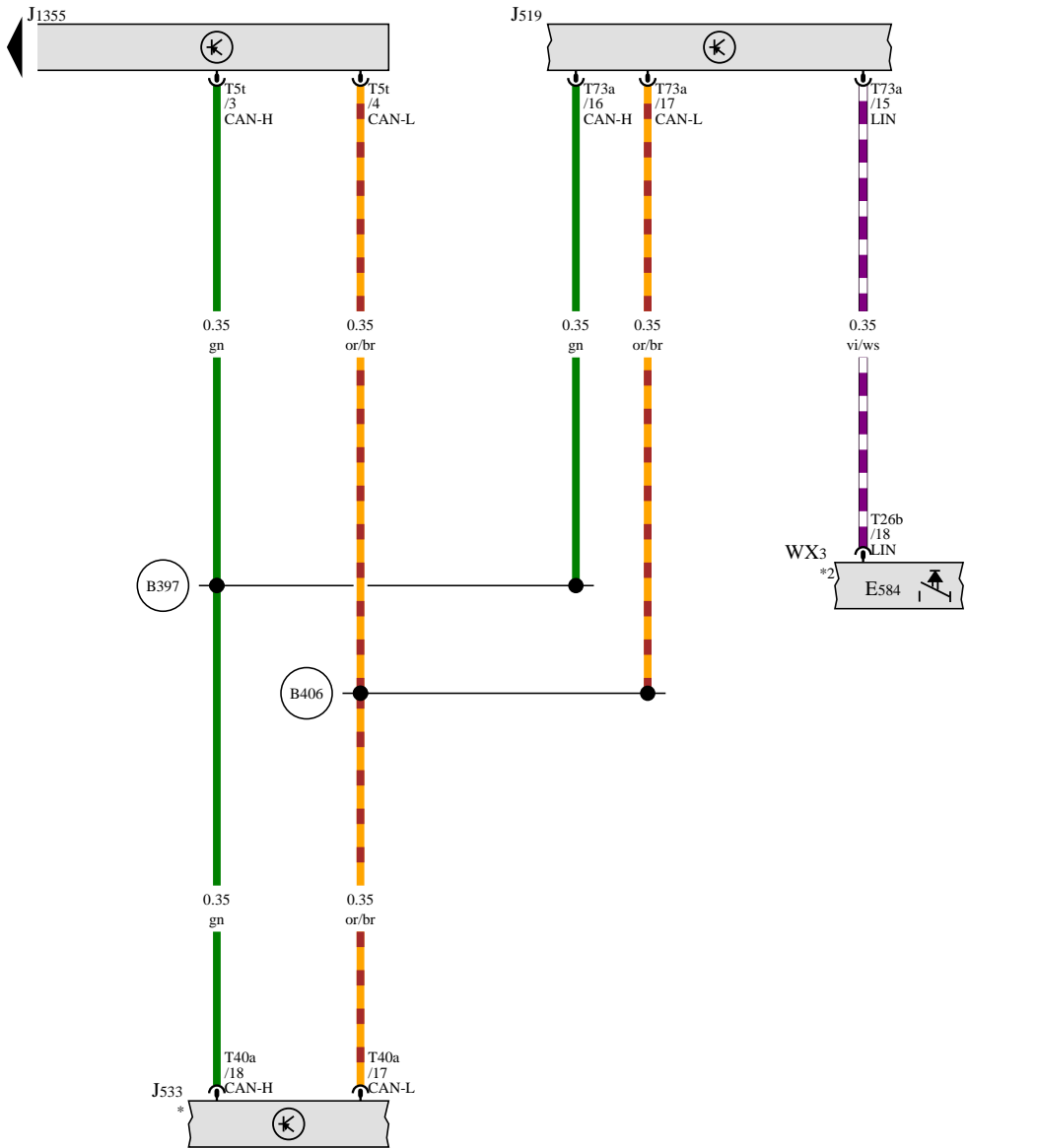
From March 2020



Adaptive chassis control DCC , (2I0)

From July 2020





Onboard supply control unit, Data bus diagnostic interface, Roof system control unit, Front roof module

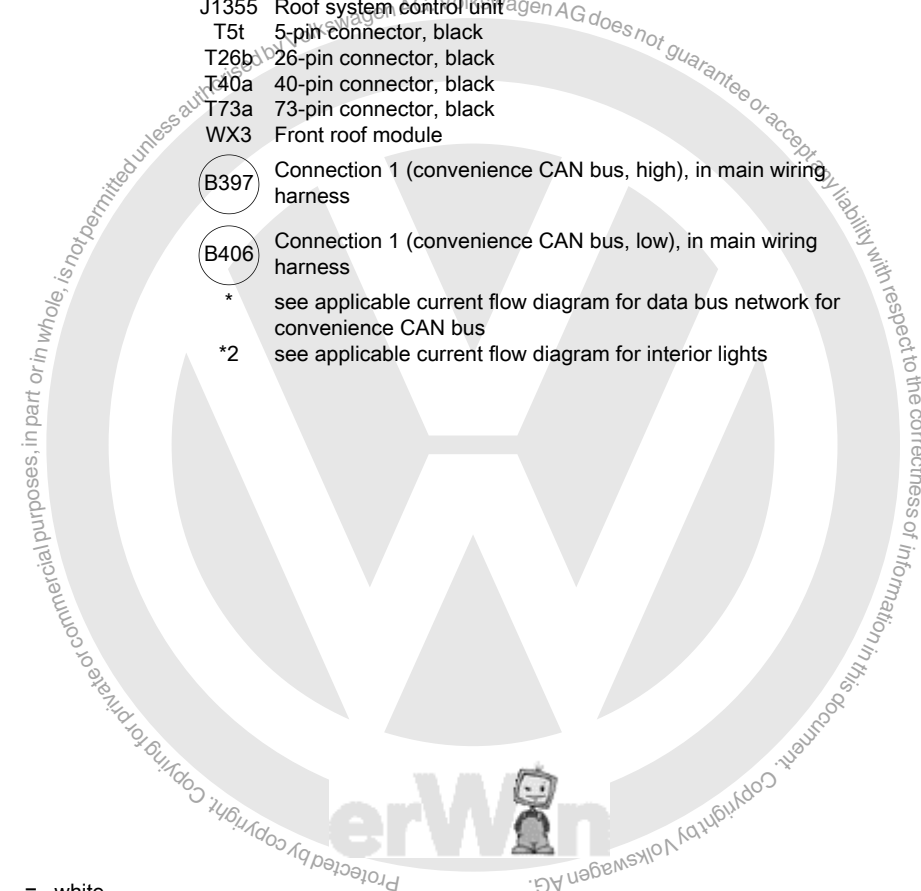
- E584 Button 1 for roof roller blind
- J519 Onboard supply control unit
- J533 Data bus diagnostic interface
- J1355 Roof system control unit
- T5t 5-pin connector, black
- T26b 26-pin connector, black
- T40a 40-pin connector, black
- T73a 73-pin connector, black
- WX3 Front roof module

B397 Connection 1 (convenience CAN bus, high), in main wiring harness

B406 Connection 1 (convenience CAN bus, low), in main wiring harness

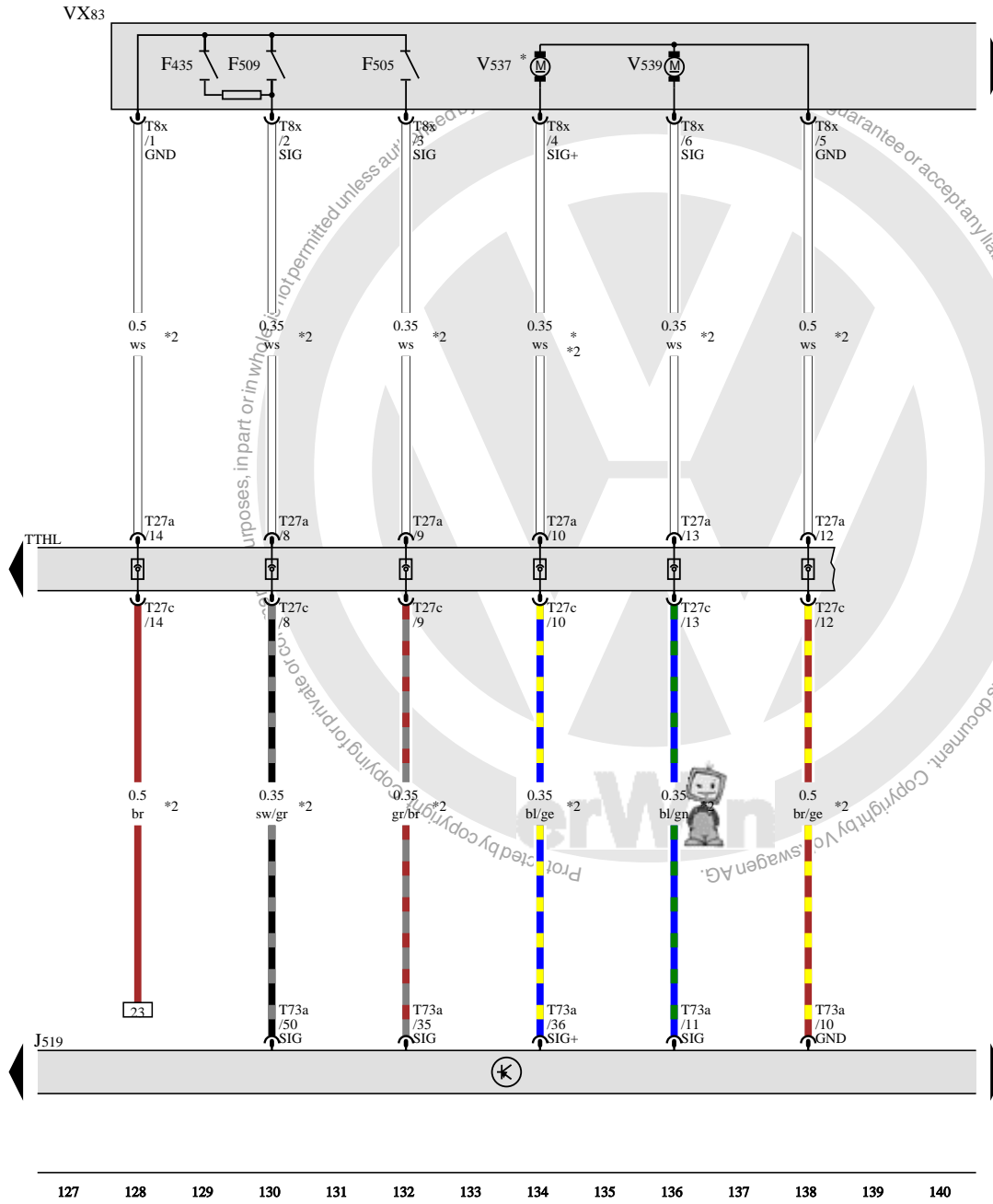
* see applicable current flow diagram for data bus network for convenience CAN bus

*2 see applicable current flow diagram for interior lights



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- br = brown
- gn = green
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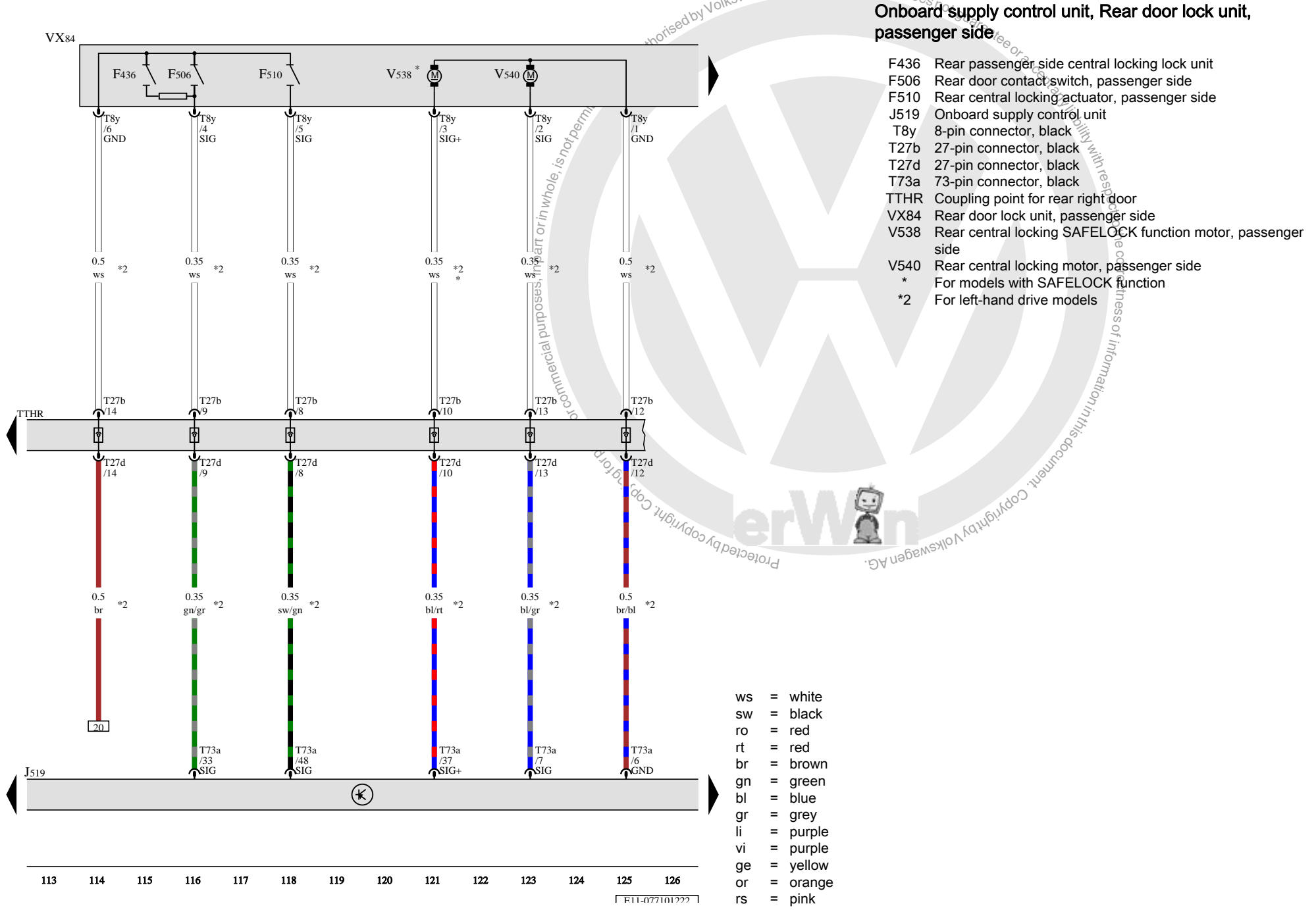
Onboard supply control unit, Rear door lock unit, driver side



- F435 Rear driver side central locking lock unit
- F505 Rear door contact switch, driver side
- F509 Rear central locking actuator, driver side
- J519 Onboard supply control unit
- T8x 8-pin connector, black
- T27a 27-pin connector, black
- T27c 27-pin connector, black
- T73a 73-pin connector, black
- TTHL Coupling point for rear left door
- VX83 Rear door lock unit, driver side
- V537 Rear central locking SAFELOCK function motor, driver side
- V539 Rear central locking motor, driver side
- * For models with SAFELOCK function
- *2 For left-hand drive models

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

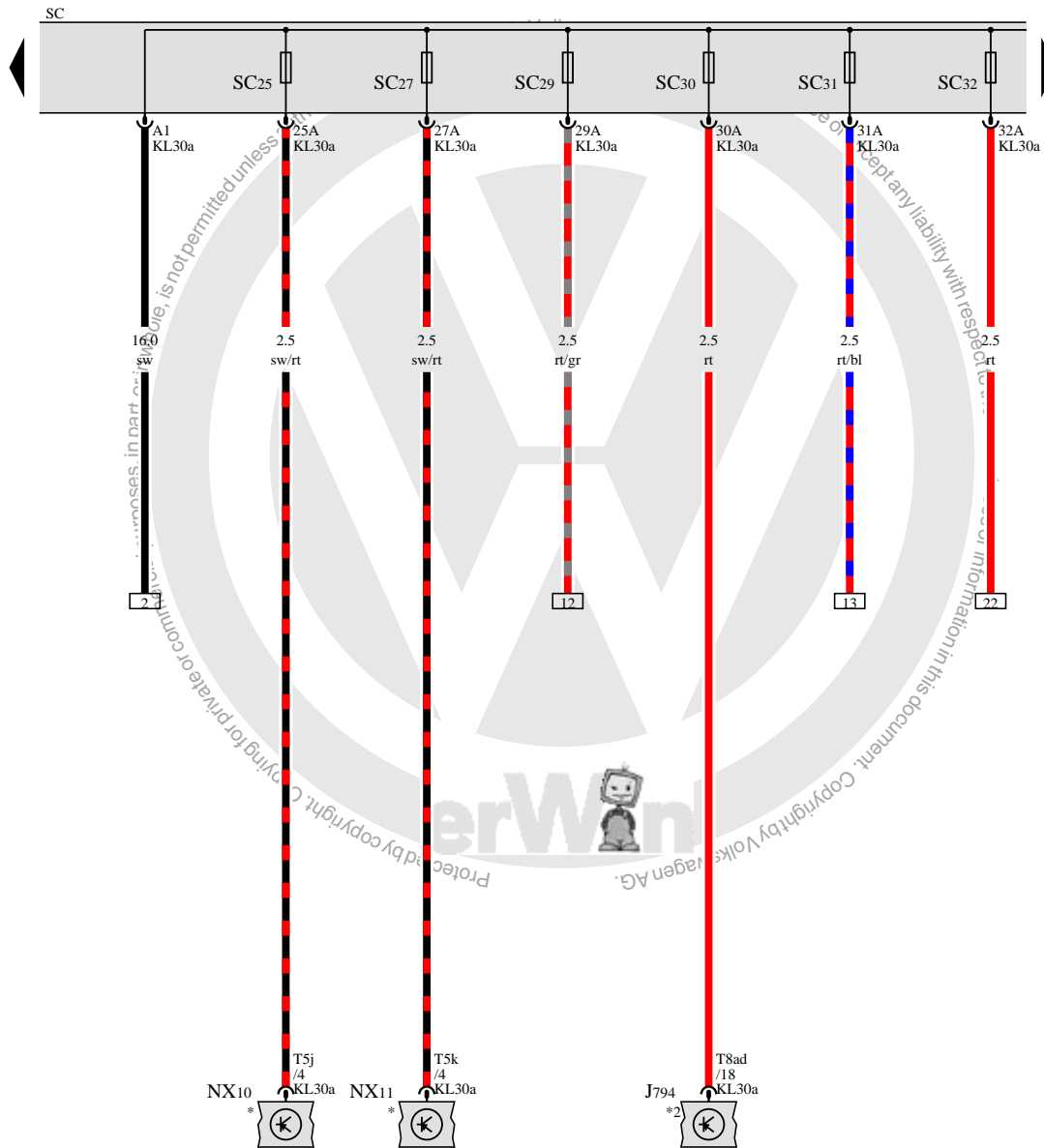
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F11-077101222

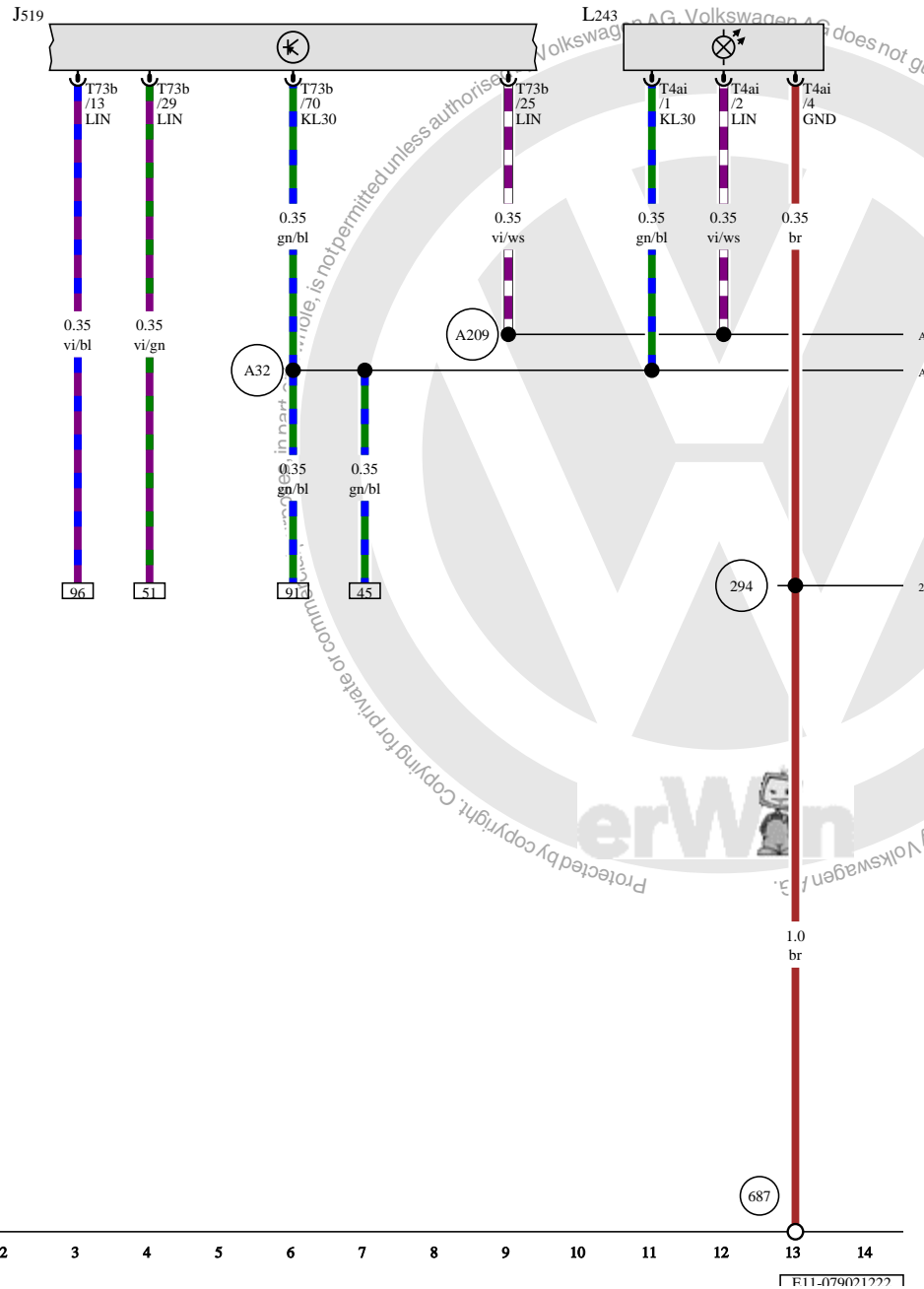
Control unit 1 for information electronics, Front left seat belt, Front right seat belt, Fuse holder C

- J794 Control unit 1 for information electronics
- NX10 Front left seat belt
- NX11 Front right seat belt
- SC Fuse holder C
- SC25 Fuse 25 on fuse holder C
- SC27 Fuse 27 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
- SC32 Fuse 32 on fuse holder C
- T5j 5-pin connector, colourless
- T5k 5-pin connector, colourless
- T8ad 8-pin connector, black
- * see applicable current flow diagram for airbag
- *2 see applicable current flow diagram for multimedia system



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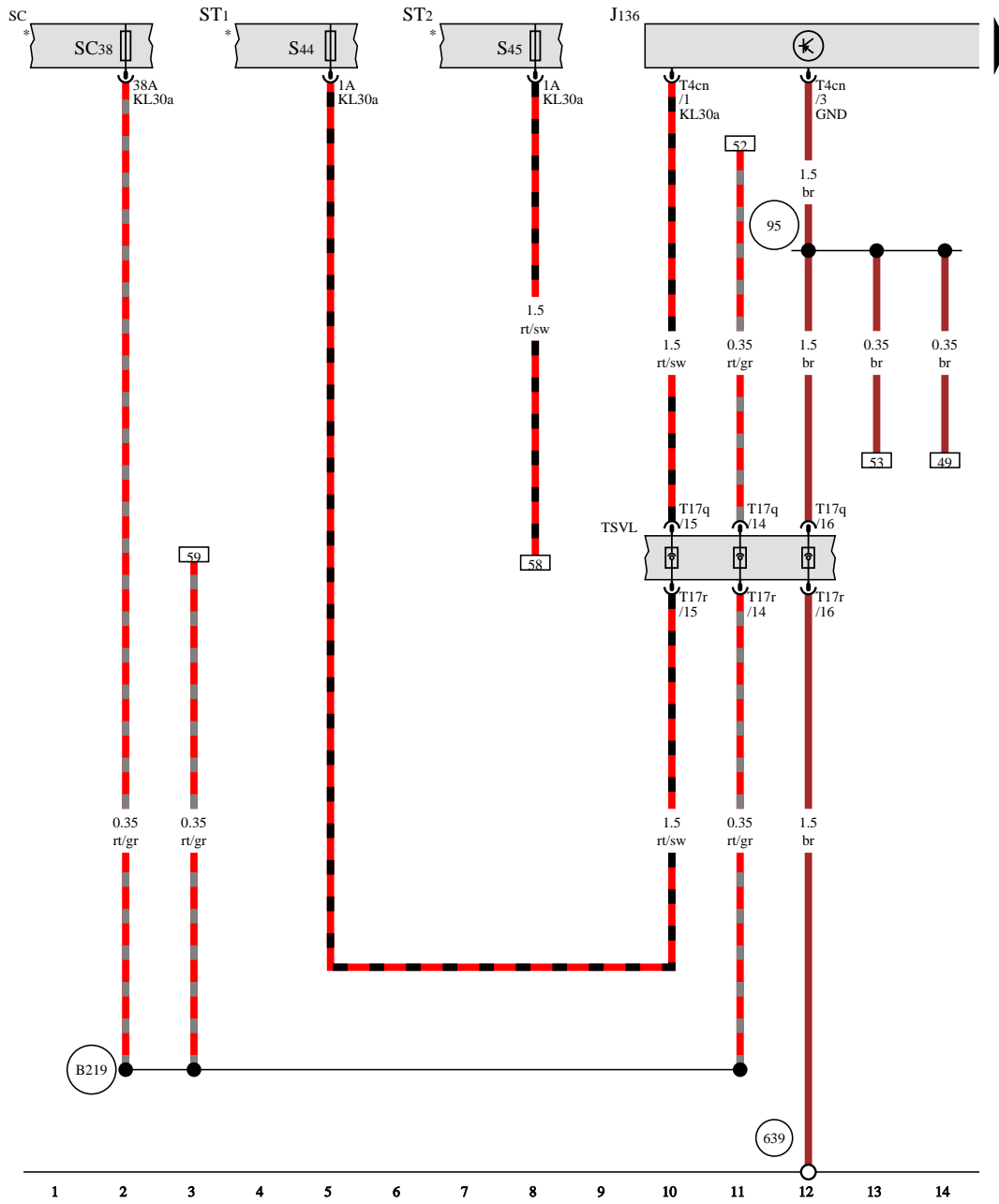
Onboard supply control unit, Light 1 for dash panel contour lighting



- J519 Onboard supply control unit
- L243 Light 1 for dash panel contour lighting
- T4ai 4-pin connector, black
- T73b 73-pin connector, black

- (294) Earth connection 9, in interior wiring harness
- (687) Earth point 1, on centre tunnel
- (A32) Positive connection (30), in dash panel wiring harness
- (A209) Connection 1 (LIN bus) in dash panel wiring harness

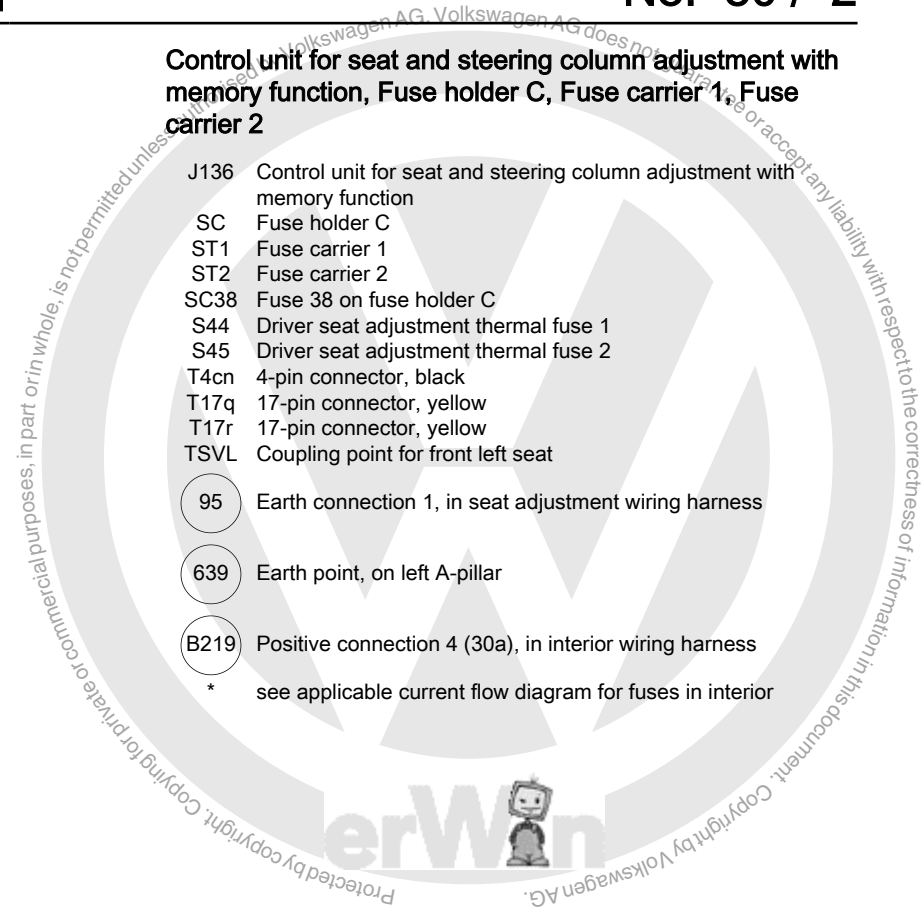
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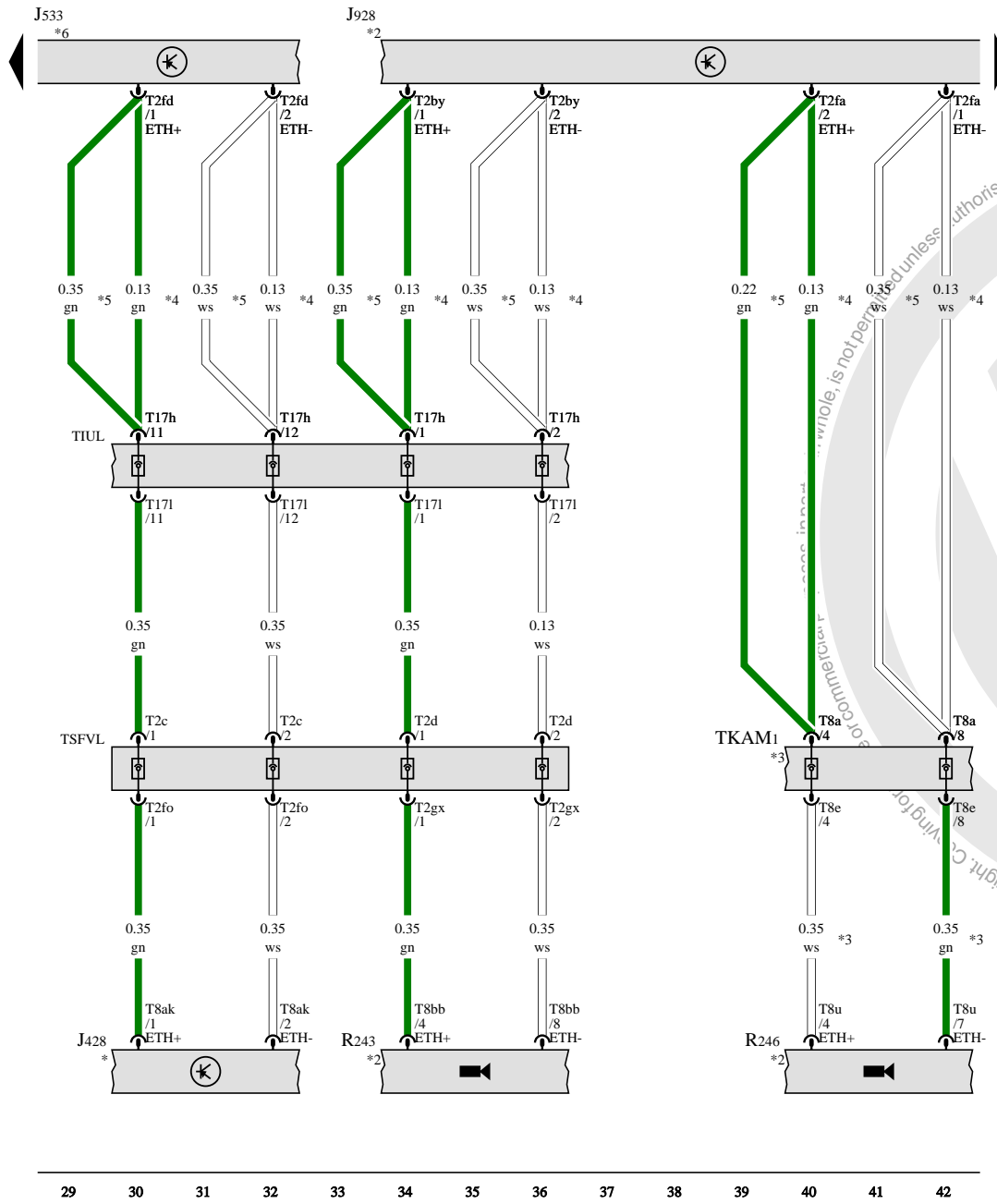


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Control unit for seat and steering column adjustment with memory function, Fuse holder C, Fuse carrier 1, Fuse carrier 2

- J136 Control unit for seat and steering column adjustment with memory function
- SC Fuse holder C
- ST1 Fuse carrier 1
- ST2 Fuse carrier 2
- SC38 Fuse 38 on fuse holder C
- S44 Driver seat adjustment thermal fuse 1
- S45 Driver seat adjustment thermal fuse 2
- T4cn 4-pin connector, black
- T17q 17-pin connector, yellow
- T17r 17-pin connector, yellow
- TSVL Coupling point for front left seat
- 95 Earth connection 1, in seat adjustment wiring harness
- 639 Earth point, on left A-pillar
- B219 Positive connection 4 (30a), in interior wiring harness
- * see applicable current flow diagram for fuses in interior





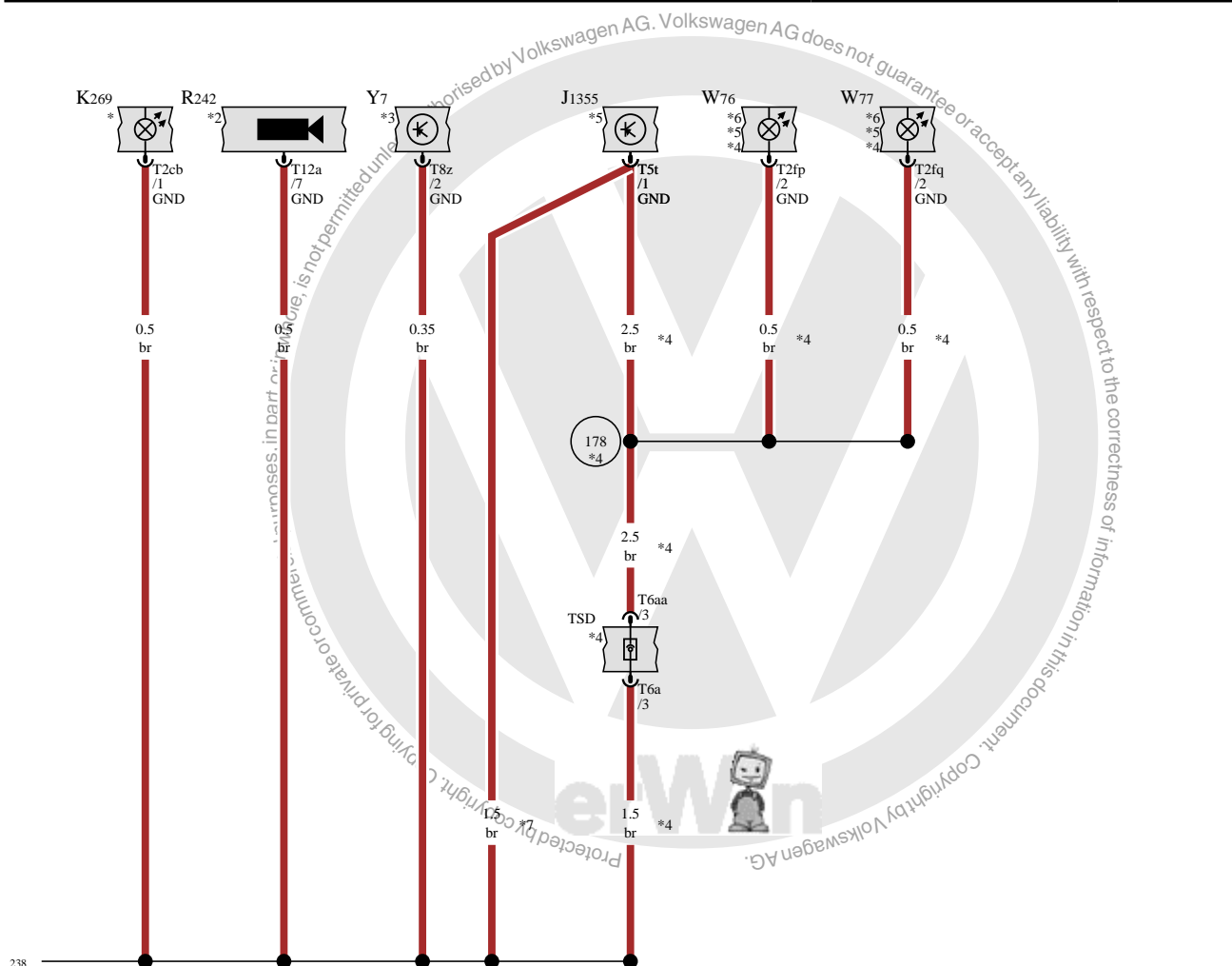
Adaptive cruise control unit, Data bus diagnostic interface, Control unit for overhead view camera, Front overhead view camera, Rear overhead view camera

- J428 Adaptive cruise control unit
- J533 Data bus diagnostic interface
- J928 Control unit for overhead view camera
- R243 Front overhead view camera
- R246 Rear overhead view camera
- T2by 2-pin connector, white
- T2c 2-pin connector, white
- T2d 2-pin connector, white
- T2fa 2-pin connector, white
- T2fd 2-pin connector, white
- T2fo 2-pin connector, white
- T2gx 2-pin connector, white
- T8a 8-pin connector, black
- T8ak 8-pin connector, black
- T8bb 8-pin connector, black
- T8e 8-pin connector, black
- T8u 8-pin connector, black
- T17h 17-pin connector, blue
- T17i 17-pin connector, blue
- TIUL Coupling point in interior, below left
- TKAM1 Coupling point for reversing camera
- TSFVL Coupling point on front left bumper
- * see applicable current flow diagram for adaptive cruise control
- *2 see applicable current flow diagram for overhead view camera
- *3 For models with overhead view camera
- *4 Up to June 2022
- *5 From June 2022
- *6 see applicable current flow diagram for data bus network

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

F11J081041222



Roof system control unit, Front right footwell light, Front camera for driver assist systems, Roof background lighting bulb, left, Roof background lighting bulb, right, Automatic anti-dazzle interior mirror

- J1355 Roof system control unit
- K269 Front right footwell light
- R242 Front camera for driver assist systems
- T2cb 2-pin connector, black
- T2fp 2-pin connector, black
- T2fq 2-pin connector, black
- T5t 5-pin connector, black
- T6a 6-pin connector, black
- T6aa 6-pin connector, black
- T8z 8-pin connector, black
- T12a 12-pin connector, black
- TSD Coupling point for sliding sunroof
- W76 Roof background lighting bulb, left
- W77 Roof background lighting bulb, right
- Y7 Automatic anti-dazzle interior mirror

- 178 Earth connection, in sliding sunroof wiring harness
- 238 Earth connection 1, in interior wiring harness
- * see applicable current flow diagram for interior lights
- *2 see applicable current flow diagram for front camera for driver assist systems
- *3 see applicable current flow diagram for interior mirror
- *4 Up to November 2020
- *5 see applicable current flow diagram for sunroof
- *6 Pre-wired component
- *7 From November 2020

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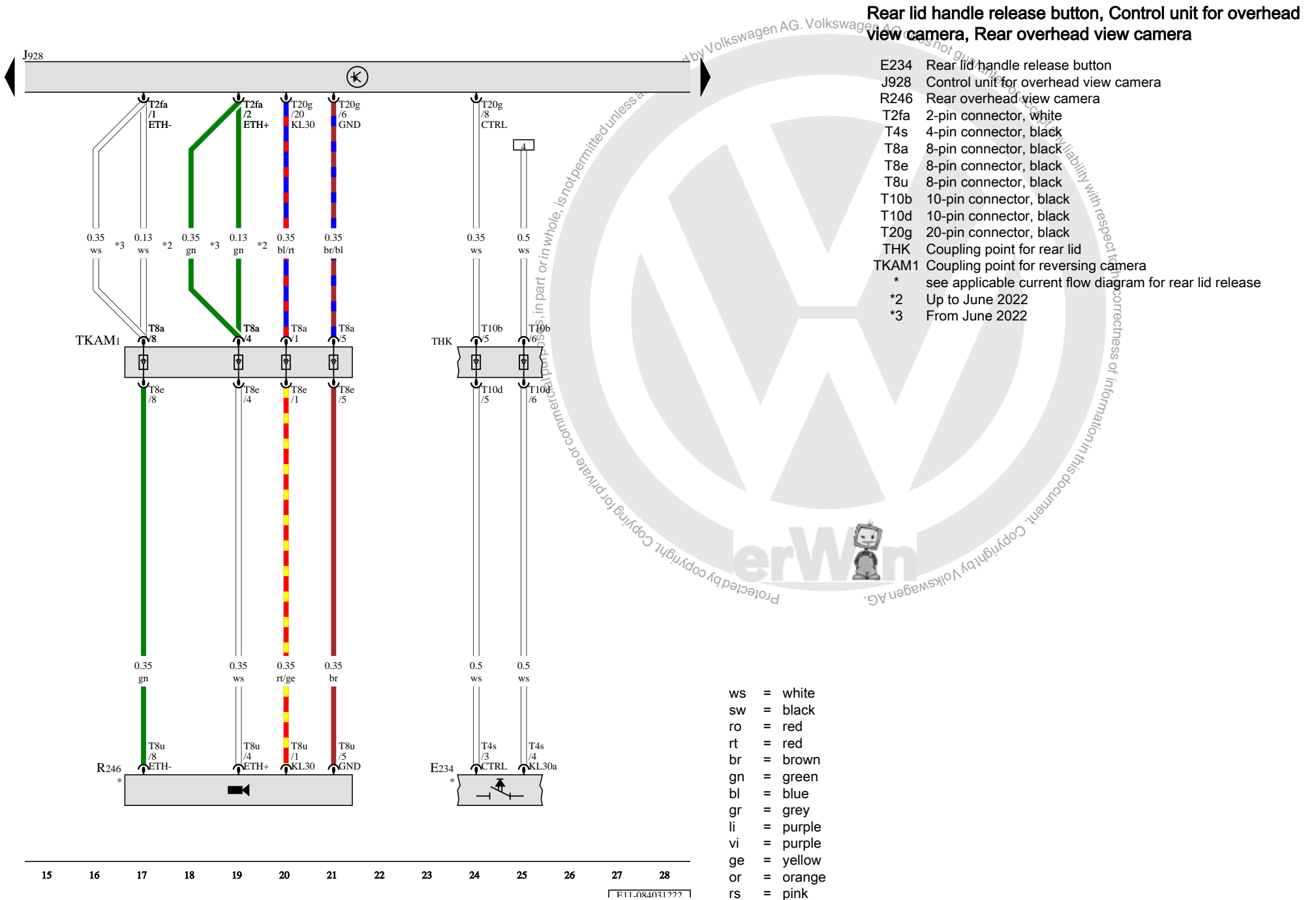
- Please note: If there is no response to CLICKING the link, please download this PDF first and then click on it.

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Adjustable seat , (1R3),(L0R)

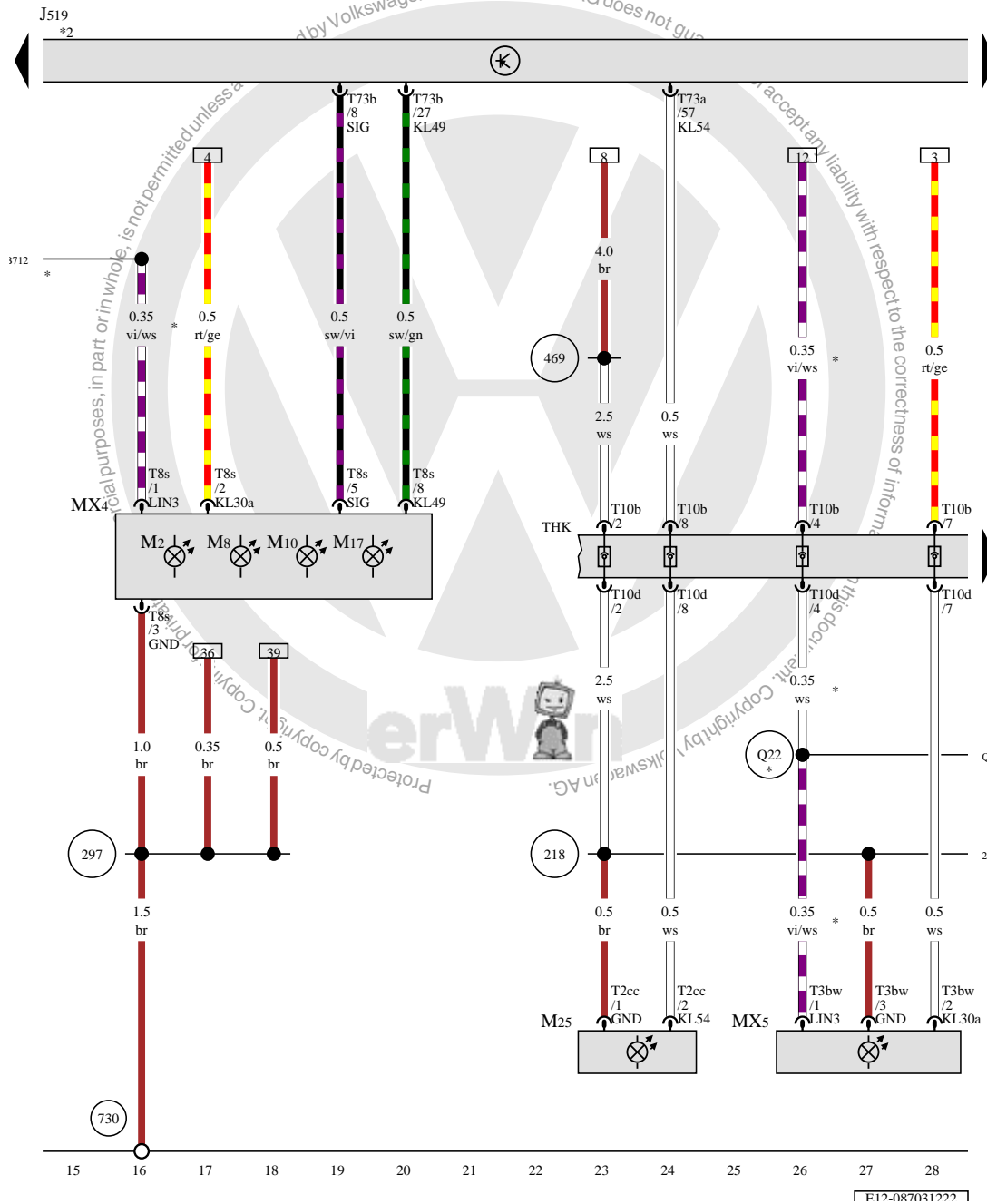
From November 2021





15 16 17 18 19 20 21 22 23 24 25 26 27 28

F11-084031222



Onboard supply control unit, Right tail light cluster, High-level brake light bulb

- J519 Onboard supply control unit
- M2 Right tail light bulb
- MX4 Right tail light cluster
- MX5 Left tail light cluster 2
- M8 Rear right turn signal bulb
- M10 Right brake light bulb
- M17 Right reversing light bulb
- M25 High-level brake light bulb
- T2cc 2-pin connector, black
- T3bw 3-pin connector, blue
- T8s 8-pin connector, brown
- T10b 10-pin connector, black
- T10d 10-pin connector, black
- T73a 73-pin connector, black
- T73b 73-pin connector, black
- THK Coupling point for rear lid

218 Earth connection 1, in rear lid wiring harness

297 Earth connection 12, in interior wiring harness

469 Earth connection 20, in interior wiring harness

730 Earth point 1, on right rear wheel housing

B712 Connection 7 (LIN bus) in main wiring harness

Q22 Connection 1, in rear lid wiring harness

* see applicable current flow diagram for data bus network for convenience CAN bus

*2 see applicable current flow diagram for light switch

- ws = white
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- ro = red
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- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

52 - Earth point, on left in rear lid

- Torque 2 Nm

53 - Earth point, on right in rear lid

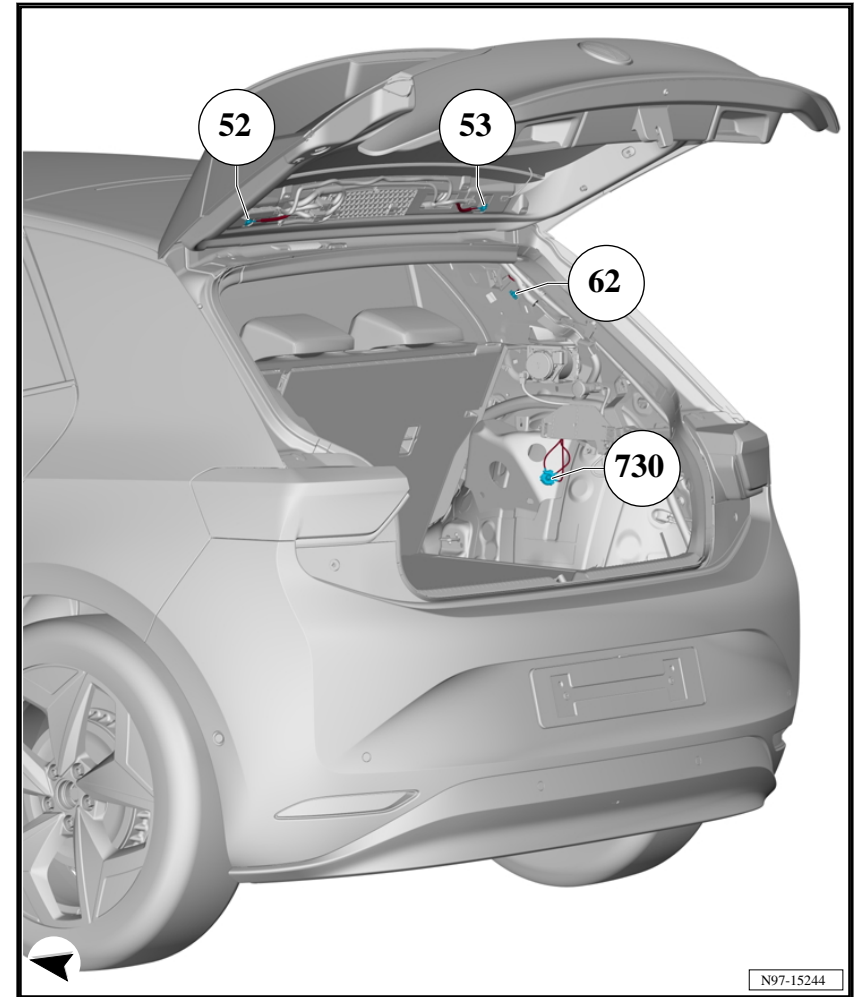
- Torque 2 Nm

62 - Earth point, right C-pillar

- Torque 2 Nm

730 - Earth point 1, on right rear wheel housing

- Torque 8 Nm



1.4 Earth points on vehicle underbody

◆ ⇒ [u1.4.1 underbody", page 10](#)

1.4.1 Rear underbody

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](#)

1.3.3 Fuse assignment for fuse holder C -SC-, from November 2019



Note

The fuse SC52 is supplied via terminal 15 from the factory and can be supplied via terminal 30 by reconnecting. If a consumer is connected to the electric socket or to the cigarette lighter, ensure that the consumer is disconnected from the voltage supply when the ignition is switched off to prevent the drive battery being discharged.

Slot	Current flow diagram designation	Nominal value	Function / component	Terminal
SC1	not assigned	-		-

Slot	Current flow diagram designation	Nominal value	Function / component	Terminal
SC35	not assigned	-		-
SC36	Fuse 36 on fuse holder C -SC36-	40 A	Fresh air blower control unit -J126-	30
SC37	not assigned	-		-
SC38	Fuse 38 on fuse holder C -SC38-	7.5 A	Control unit for front left massage seat -J803- Control unit for front right massage seat -J804-	30
SC39	Fuse 39 on fuse holder C -SC39-	15 A	Steering column electronics control unit -J527-	30
SC40	Fuse 40 on fuse holder C -SC40-	7.5 A	Alarm horn -H12-	30
SC41	Fuse 41 on fuse holder C -SC41-	5 A	Data bus diagnostic interface -J533-	30
SC42	not assigned	-		-
SC43	Fuse 43 on fuse holder C -SC43-	7.5 A	Sensor for interior carbon dioxide concentration -G929- Vehicle interior temperature sensor -G1090- Heated rear window relay -J9-	30
SC44	Fuse 44 on fuse holder C -SC44-	7.5 A	Centre switch module in dash panel -EX22- Operating unit for window regulator in driver door -EX36- Operating unit for lighting -EX59- Rain and light sensor -G397- Anti-theft alarm sensor -G578- Dynamic light strip 1 for information in dash panel -L385- Front roof module -WX3- Diagnostic connection -U31-	30
SC45	Fuse 45 on fuse holder C -SC45-	5 A	Steering column electronics control unit -J527-	30
SC46	Fuse 46 on fuse holder C -SC46-	7.5 A	Display unit for front information display and operating unit control unit -J685- Control unit for Head-up Display -J898-	30
SC47	Fuse 47 on fuse holder C -SC47-	10 A	Electronically controlled damping control unit -J250-	30
SC48	Fuse 48 on fuse holder C -SC48-	7.5 A	USB charging socket 1 -U37-	15
SC49	not assigned	-		-
SC50	not assigned	-		-
SC51	not assigned	-		-
SC52	Fuse 52 on fuse holder C -SC52-	20 A	12 V socket 3 -U19- ³⁾	15
SC53	not assigned	-		-
SC54	not assigned	-		-
SC55	not assigned	-		-

Fuse colours for J-Case fuse:

- ◆ 50 A - red
- ◆ 40 A - green
- ◆ 30 A - pink

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

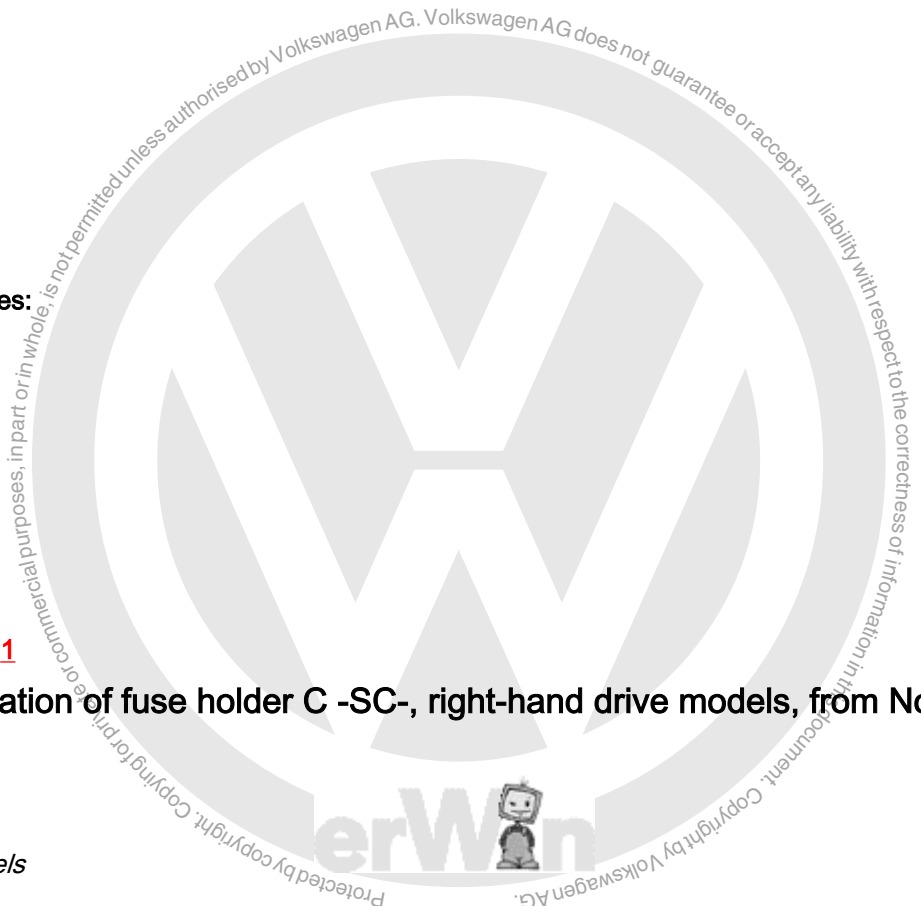
Back to overview ⇒ [page 1](#)

1.6.2 Fitting location of fuse holder C -SC-, right-hand drive models, from November 2022



Note

For right-hand drive models



[Back to overview](#) ⇒ [page 1](#)

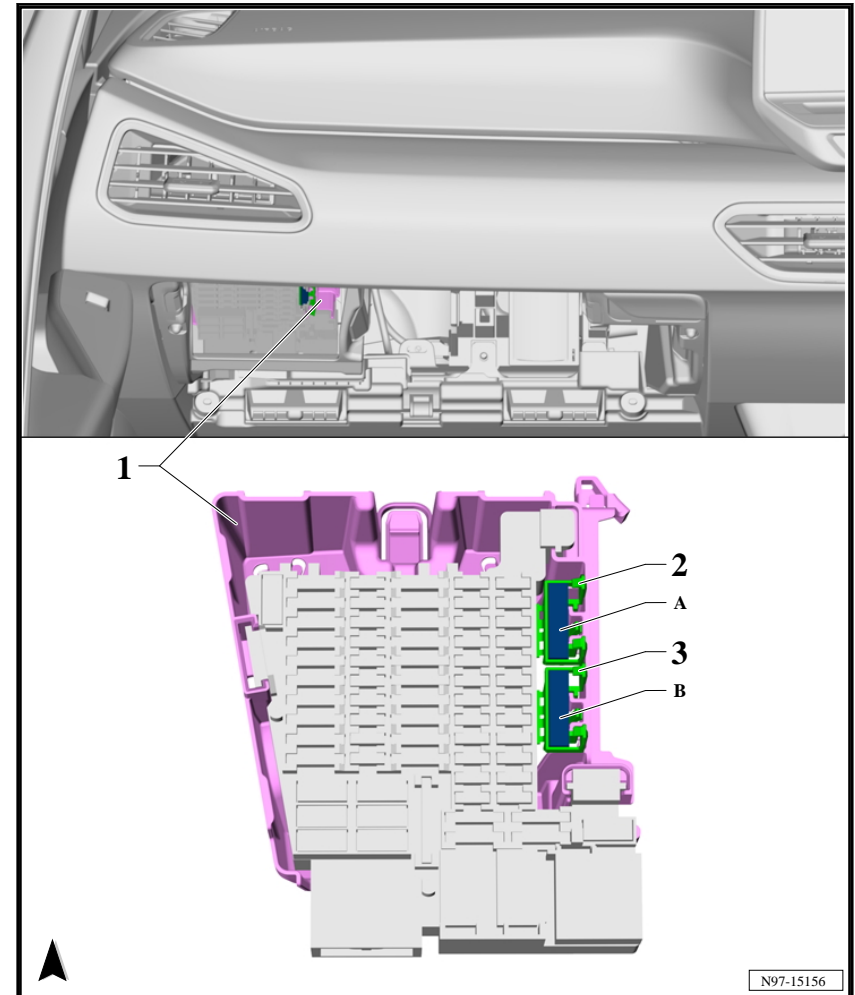
1.8.2 Fitting location of individual fuses, RHD models, from November 2021



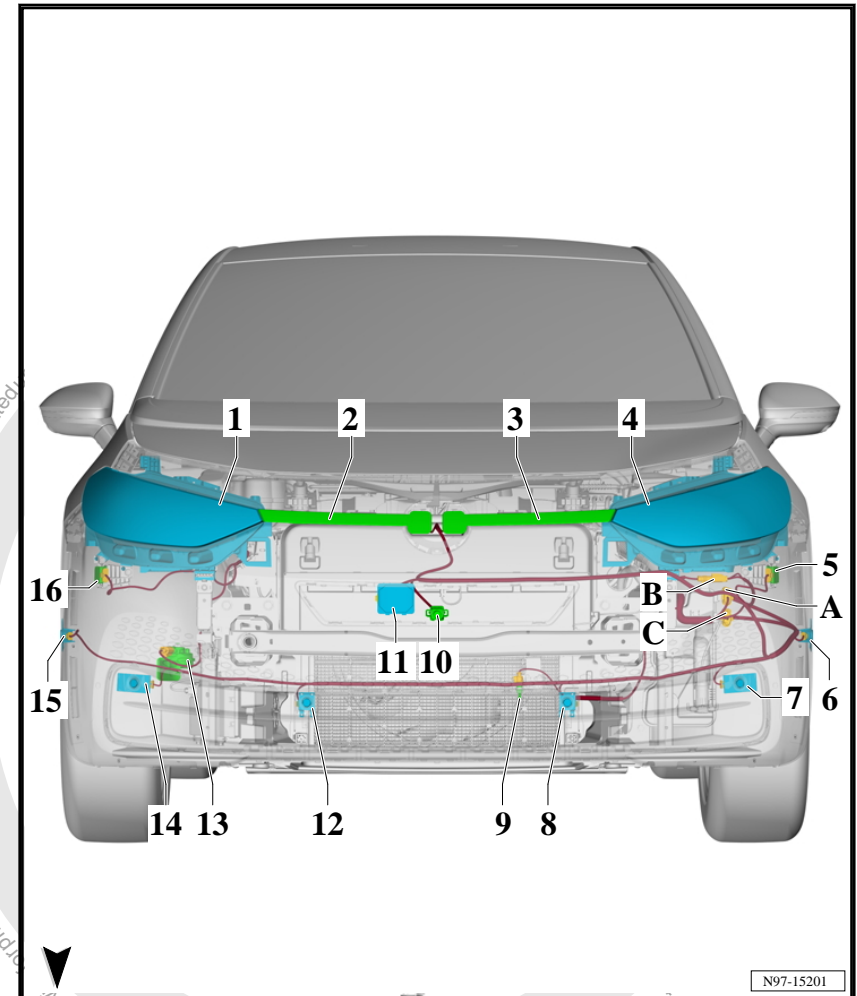
Note

For right-hand drive models

- 1 - Holder
- 2 - Fuse carrier 1 -ST1-
- 3 - Fuse carrier 2 -ST2-



- A - 14-pin connector -T14g-, brown / 14-pin connector -T14p-, brown
- B - 2-pin connector -T2c-, white / 2-pin connector -T2fo-, white
- C - 14-pin connector -T14f-, black/14-pin connector -T14q-, black
- 1 - Front right headlight -MX2-
- 2 - Light conductor for contour lighting in radiator grille, front right -L362-
- 3 - Light conductor for contour lighting in radiator grille, front left -L363-
- 4 - Front left headlight -MX1-
- 5 - Control unit 2 for break-in protection -J1192-
- 6 - Front left sender for park assist steering on left side of vehicle -G568-
- 7 - Front left parking aid sender -G255-
- 8 - Front centre left parking aid sender -G254-
- 9 - Ambient temperature sensor -G17-
- 10 - Front overhead view camera -R243-
- 11 - Adaptive cruise control unit -J428-
- 12 - Front centre right parking aid sender -G253-
- 13 - Horn or dual tone horn -H1-
- 14 - Front right parking aid sender -G252-
- 15 - Front right sender for park assist steering on right side of vehicle -G569-
- 16 - Control unit 3 for break-in protection -J1193-



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1.2 Front, view from left

- ◆ ⇒ [v1.2.1 iew from left, part 1", page 6](#)
- ◆ ⇒ [v1.2.2 iew from left, part 2, for models with no heat pump", page 7](#)
- ◆ ⇒ [v1.2.3 iew from left, part 2, for models with heat pump", page 8](#)

Component	Chapter	Comment
Rear seat occupied sensor, centre -G1010-	⇒ i1.2.1 nterior, view from left", page 33	
Seat occupied sensor on driver side -G1067-	⇒ s1.1.13 eat, left-hand drive models", page 29	
Seat occupied sensor on driver side -G1067-	⇒ s1.1.14 eat, RHD models", page 30	
Vehicle interior temperature sensor -G1090-	⇒ p1.1.7 anel, LHD models", page 23	
Vehicle interior temperature sensor -G1090-	⇒ p1.1.8 anel, RHD models", page 24	
Accelerator pedal module -GX2-	⇒ f1.1.3 ootwell, LHD models", page 19	
Accelerator pedal module -GX2-	⇒ f1.1.4 ootwell, RHD models", page 20	
Horn plate -H-	⇒ w1.1.9 heel", page 25	
Fresh air blower control unit -J126-	⇒ K1.5.1 C0, KH4, part 1", page 46	
Seat and steering column adjustment control unit with memory -J136-	⇒ s1.1.13 eat, left-hand drive models", page 29	
Seat and steering column adjustment control unit with memory -J136-	⇒ s1.1.14 eat, RHD models", page 30	
Airbag control unit -J234-	⇒ c1.1.11 entre console, LHD models", page 27	
Airbag control unit -J234-	⇒ c1.1.12 entre console, RHD models", page 28	
Driver door control unit -J386-	⇒ d1.4.1 oor, left-hand drive models", page 39	
Driver door control unit -J386-	⇒ d1.4.2 oor, right-hand drive models", page 41	
Front passenger door control unit -J387-	⇒ p1.4.3 assenger door, left-hand drive models", page 42	
Front passenger door control unit -J387-	⇒ p1.4.4 assenger door, right-hand drive models", page 43	
Multifunction steering wheel control unit -J453-	⇒ w1.1.9 heel", page 25	
Entry and start authorisation control unit -J518-	⇒ f1.1.3 ootwell, LHD models", page 19	
Entry and start authorisation control unit -J518-	⇒ f1.1.4 ootwell, RHD models", page 20	
Onboard supply control unit -J519-	⇒ f1.1.2 eft of interior, RHD models", page 17	
Onboard supply control unit -J519-	⇒ f1.1.3 ootwell, LHD models", page 19	
Front passenger seat adjustment with memory control unit -J521-	⇒ p1.1.15 assenger seat, left-hand drive models", page 31	
Front passenger seat adjustment with memory control unit -J521-	⇒ p1.1.16 assenger seat, right-hand drive models", page 32	
Steering column electronics control unit -J527-	⇒ w1.1.9 heel", page 25	
Steering column electronics control unit -J527-	⇒ c1.1.10 olumn", page 25	
Data bus diagnostic interface -J533-	⇒ l1.1.2 eft of interior, RHD models", page 17	
Data bus diagnostic interface -J533-	⇒ r1.1.5 ight of interior, LHD models", page 21	
Engine/motor control unit -J623-	⇒ f1.1.4 ootwell, RHD models", page 20	

- ◆ ⇒ [p1.1.7 anel, LHD models”, page 23](#)
- ◆ ⇒ [p1.1.8 anel, RHD models”, page 24](#)
- ◆ ⇒ [w1.1.9 heel”, page 25](#)
- ◆ ⇒ [c1.1.10 olumn”, page 25](#)
- ◆ ⇒ [c1.1.11 entre console, LHD models“, page 27](#)
- ◆ ⇒ [c1.1.12 entre console, RHD models“, page 28](#)
- ◆ ⇒ [s1.1.13 eat, left-hand drive models”, page 29](#)
- ◆ ⇒ [s1.1.14 eat, RHD models”, page 30](#)
- ◆ ⇒ [p1.1.15 assenger seat, left-hand drive models”, page 31](#)
- ◆ ⇒ [p1.1.16 assenger seat, right-hand drive models”, page 32](#)

1.1.1 Front left of interior, LHD models



Note

For left-hand drive models

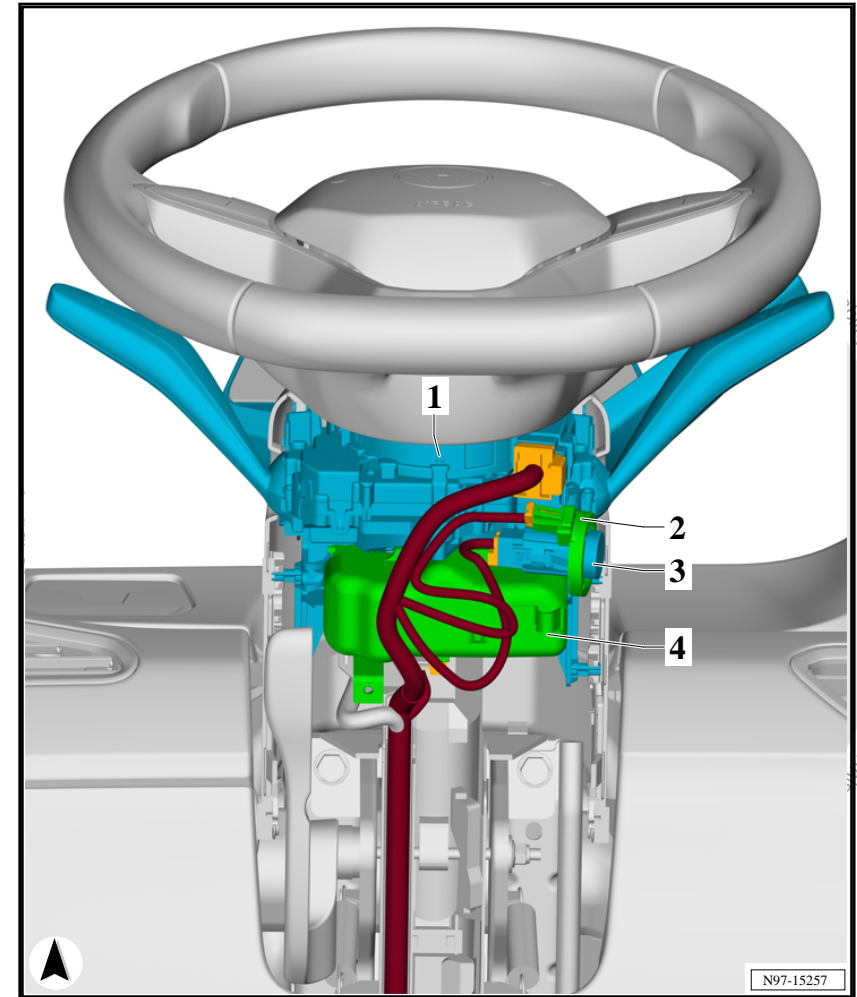
1 - Steering column electronics control unit -J527-

□ Fitting location of connection to steering wheel => [item 1 \(page 25\)](#)

2 - Immobiliser reader coil -D2-

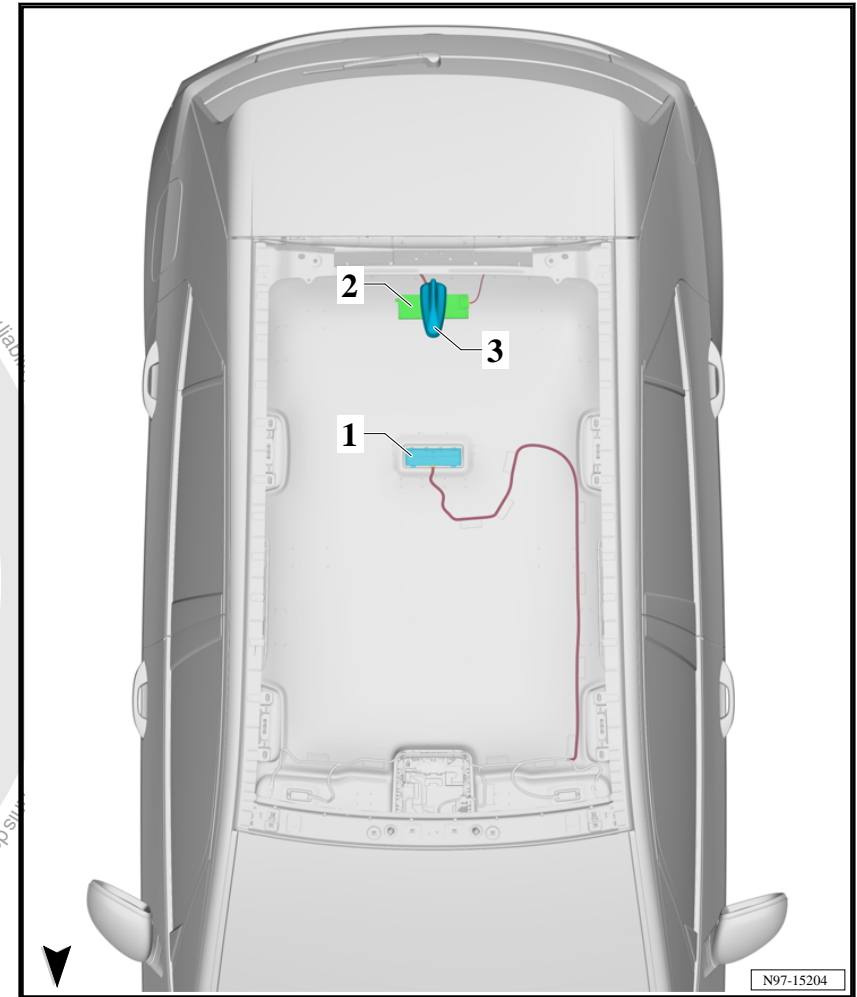
3 - Starter button -E378-

4 - Control unit for electronic steering column lock -J764-



ity with respect to the correctness of information in th

- 1 - Rear interior light -WX2-
- 2 - Internet access control unit -J666-
- 3 - Roof aerial -RX5-



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1.3.3 Roof, part 2, for models with glass roof

[Back to overview](#) ⇒ [page 1](#)

1.6 Connector assignments



Note

Only components that have several connections with the same number of pins and the same connector colour are documented here.

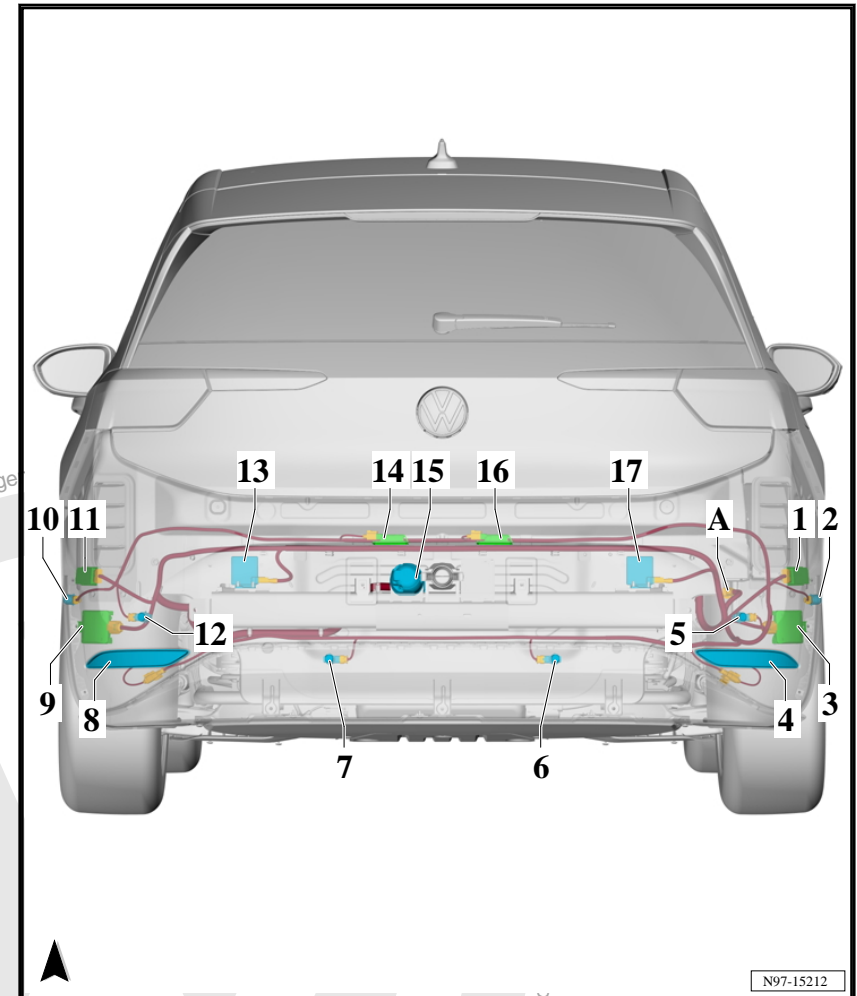
- ◆ ⇒ [s1.6.1 upply control unitJ519", page 48](#)
- ◆ ⇒ [b1.6.2 us diagnostic interfaceJ533", page 49](#)
- ◆ ⇒ [u1.6.3 nit for overhead view cameraJ928", page 50](#)

1.6.1 Onboard supply control unit -J519-



A - 14-pin connector -T14e-, black/14-pin connector -T14h-, black

- 1 - Control unit 5 for break-in protection -J1195-
- 2 - Rear right park assist steering sender -G717-
 - For models with park assist steering
- 3 - Lane change assist control unit -J769-
- 4 - Rear fog light -X3-
 - For right-hand drive models
- 5 - Rear right parking aid sender -G206-
- 6 - Rear centre right parking aid sender -G205-
- 7 - Rear centre left parking aid sender -G204-
- 8 - Rear fog light -X3-
 - For left-hand drive models
- 9 - Lane change assist control unit 2 -J770-
- 10 - Rear left park assist steering sender -G716-
 - For models with park assist steering
- 11 - Control unit 4 for break-in protection -J1194-
- 12 - Rear left parking aid sender -G203-
- 13 - LTE aerial 2 -R306-
 - For models with mobile telephone
- 14 - Left number plate light -X4-
- 15 - Trailer socket -U10-
- 16 - Right number plate light -X5-
- 17 - LTE aerial 2 -R306-
 - For models with emergency call module



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1.4 Rear side, view from left

A - 2-pin connector -T2dx-

- High-voltage connection for DC charging

B - 2-pin connector -T2eu-

- High-voltage connection for electrical equipment

C - 2-pin connector -T2ae-

- High-voltage connection for drive system

D - 32-pin connector -T32g-, black/32-pin connector -T32j-, black

- Onboard supply connection

1 - Battery module 11 -J1001-

2 - Battery modules control unit 9 -J1216-

3 - Battery module 12 -J1002-

4 - Battery module 10 -J1000-

5 - Battery module 8 -J998-

6 - Battery modules control unit 5 -J1212-

7 - Battery module 6 -J996-

8 - Battery module 4 -J994-

9 - Battery modules control unit -J1208-

10 - Battery module 2 -J992-

11 - Switching unit for high-voltage battery, negative terminal -SX7-

12 - Switching unit for high-voltage battery, positive terminal -SX8-

13 - Battery regulation control unit -J840-

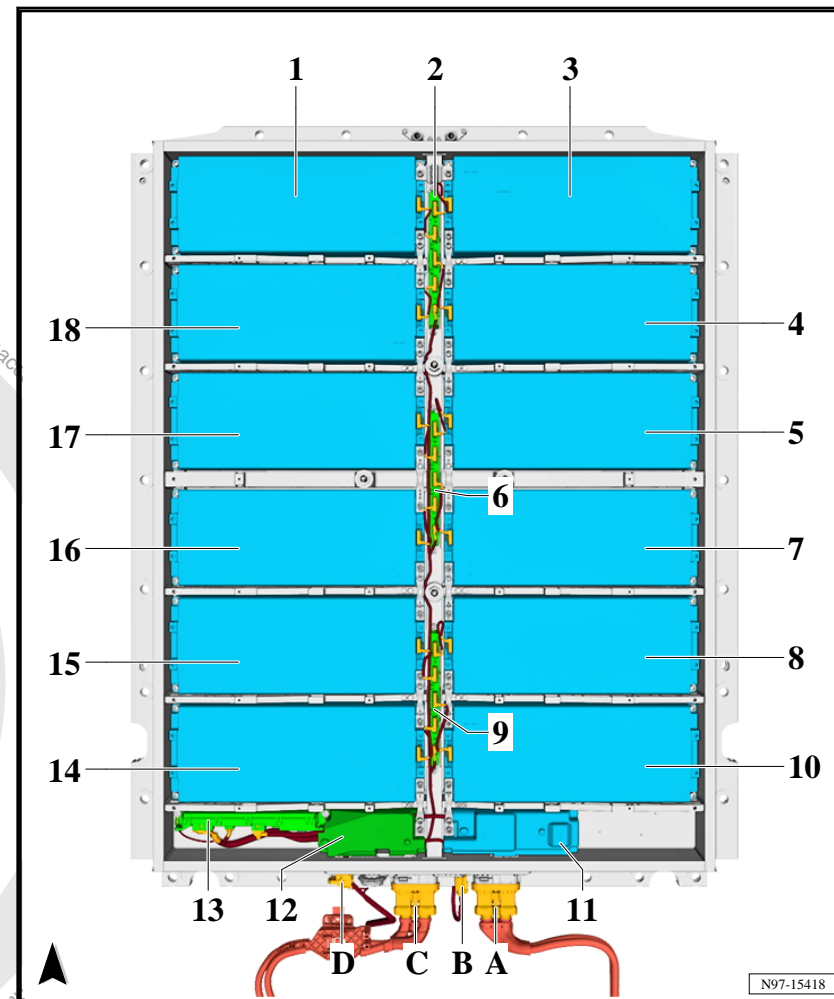
14 - Battery module 1 -J991-

15 - Battery module 3 -J993-

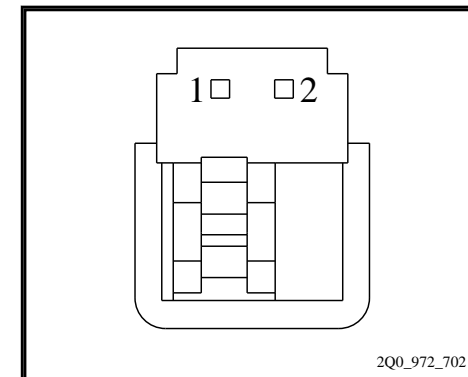
16 - Battery module 5 -J995-

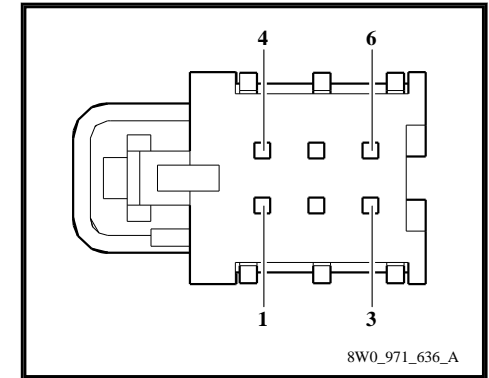
17 - Battery module 7 -J997-

18 - Battery module 9 -J999-



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1.10 Driver seat adjustment operating unit -E470-

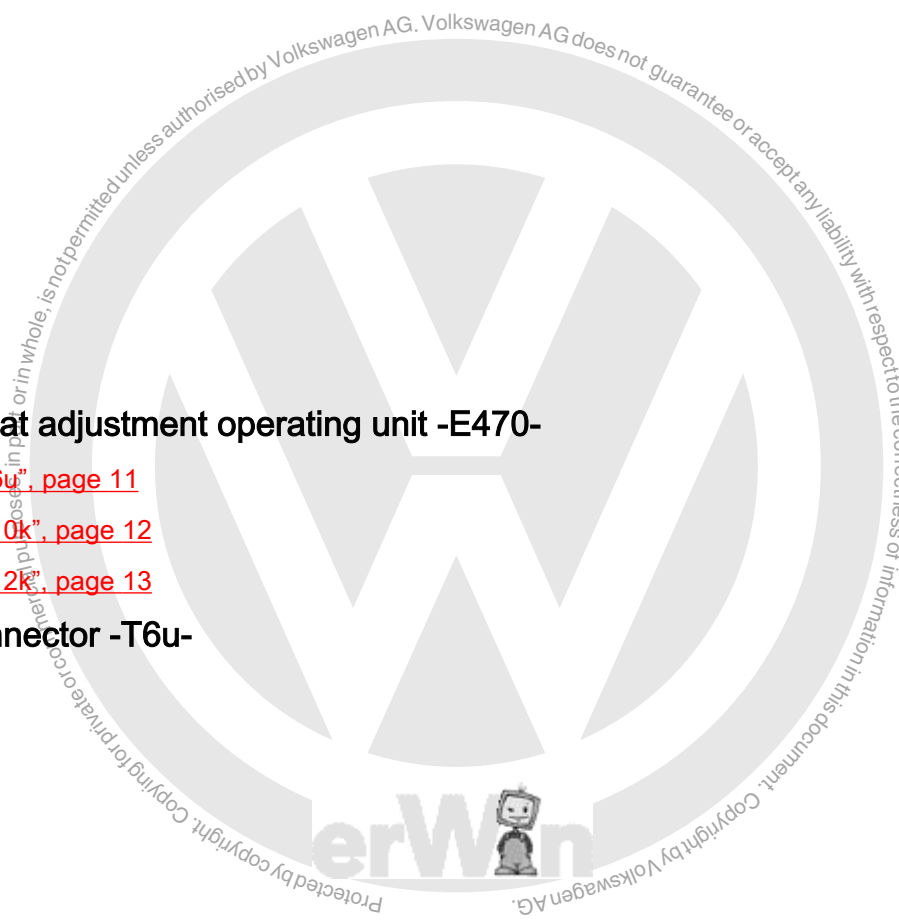
◆ ⇒ [c1.10.1 onnectorT6u", page 11](#)

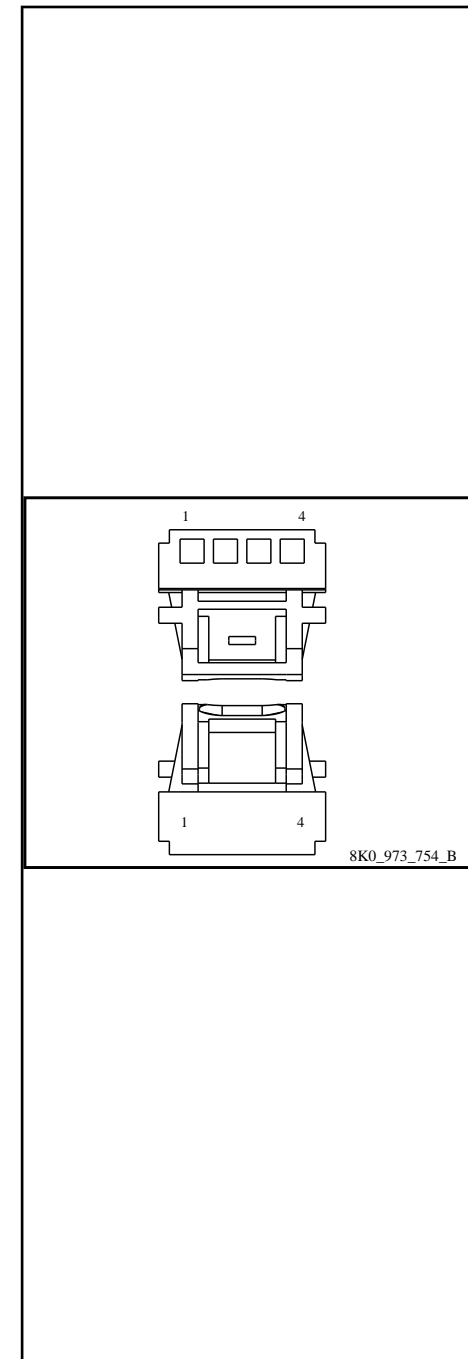
◆ ⇒ [c1.10.2 onnectorT10k", page 12](#)

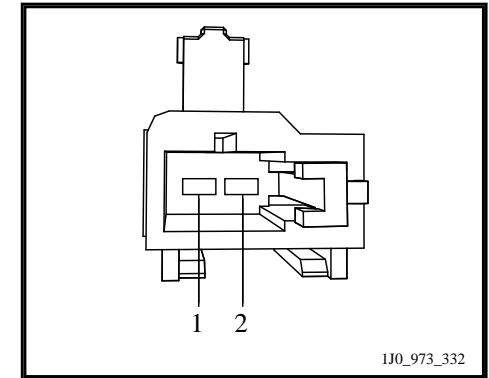
◆ ⇒ [c1.10.3 onnectorT12k", page 13](#)

1.10.1 6-pin connector -T6u-

6-pin connector -T6u-





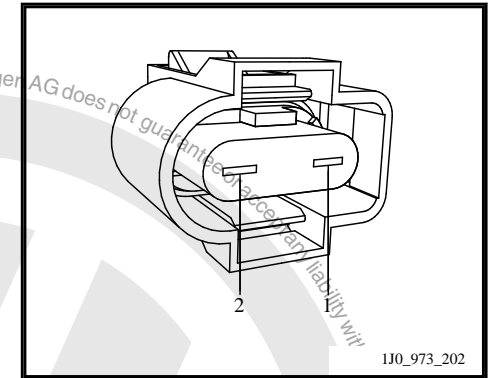


1.5 Belt switch for seat row 2, passenger side -F392-

1.5.1 2-pin connector -T2an-

2-pin connector -T2an-

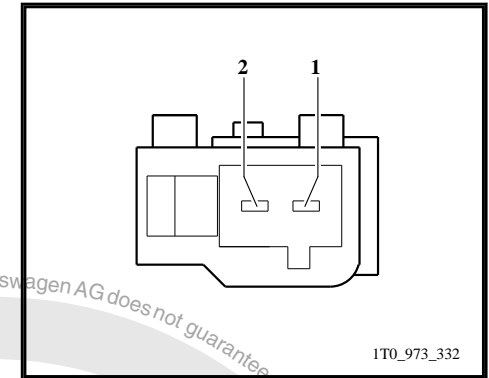




1.5 Front right brake pad wear sender -G35-

1.5.1 2-pin connector -T2bn-

2-pin connector -T2bn-

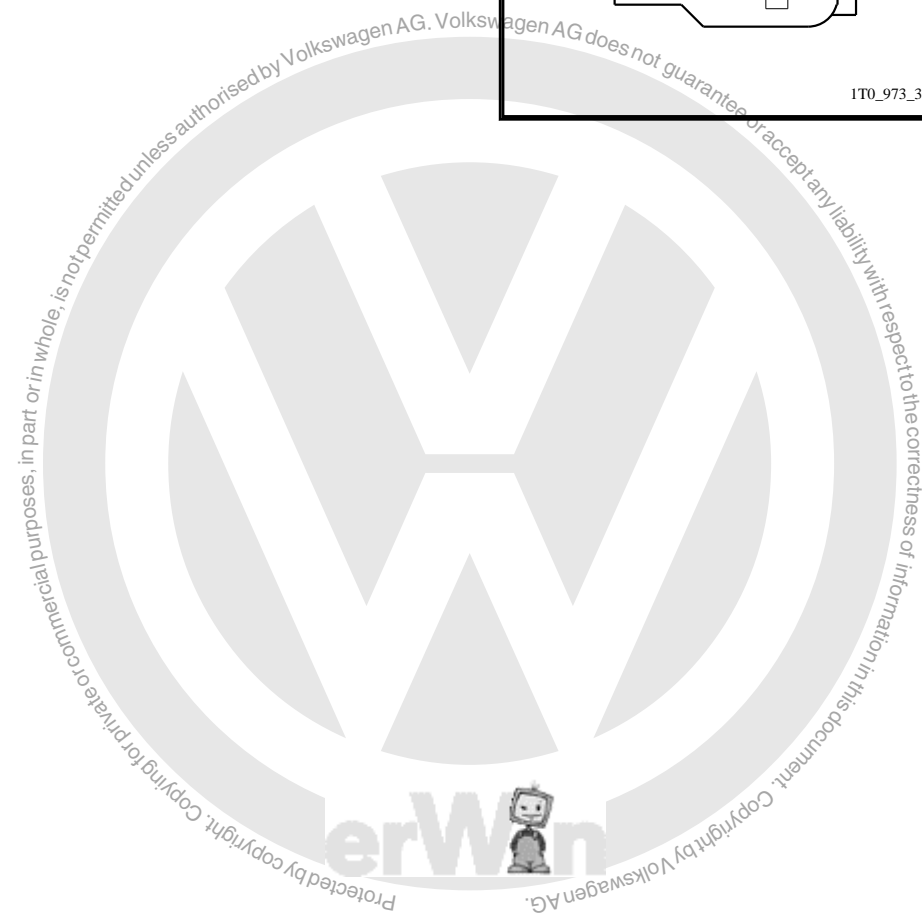


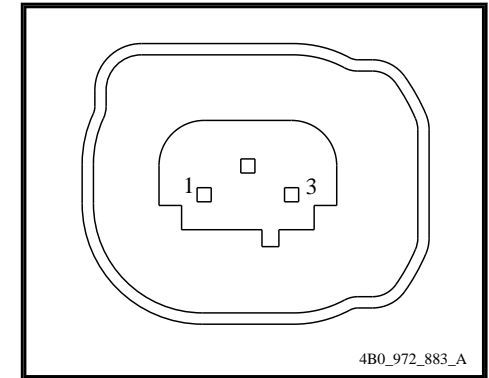
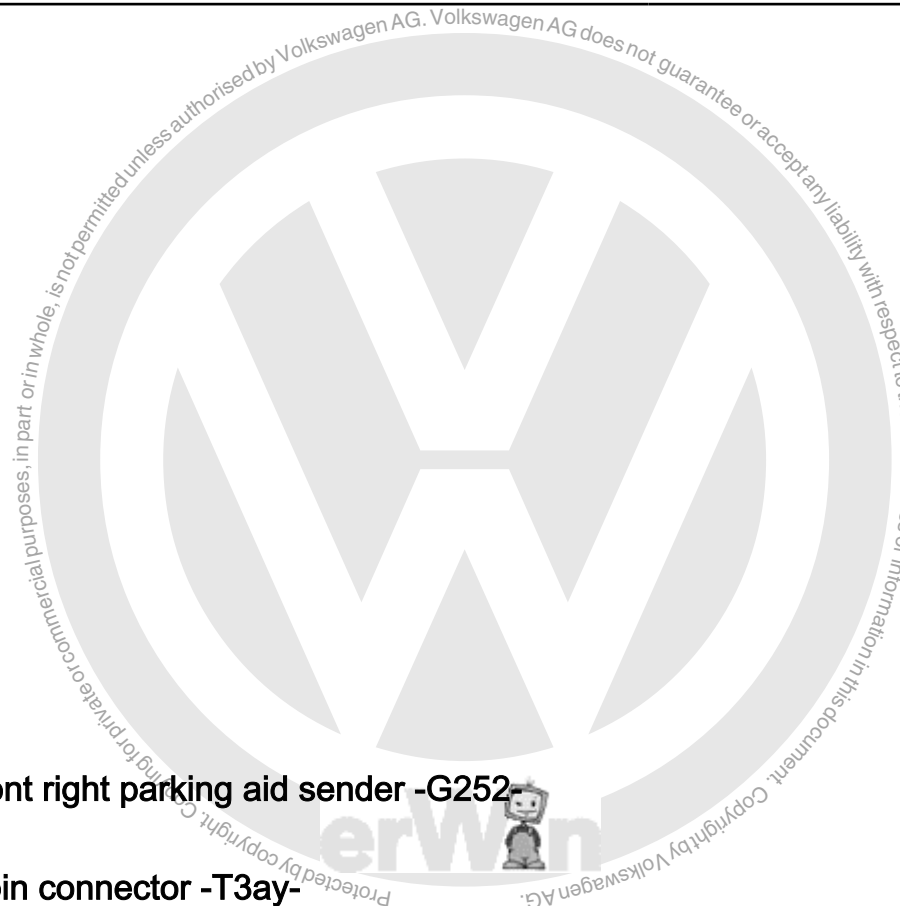
1T0_973_332

1.16 Rear seat occupied sensor on passenger side -G178-

1.16.1 2-pin connector -T2ba-

2-pin connector -T2ba-



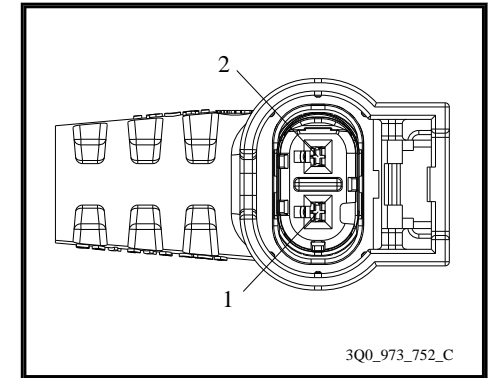


4B0_972_883_A

1.25 Front right parking aid sender -G252-

1.25.1 3-pin connector -T3ay-

3-pin connector -T3ay-



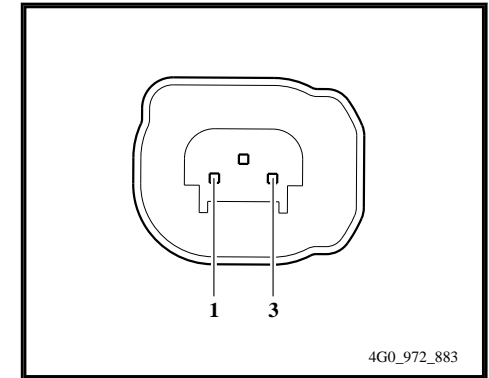
1.36 Front right body acceleration sender -G342-

1.36.1 2-pin connector -T2bl-

2-pin connector -T2bl-

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4G0_972_883

1.47 Refrigerant pressure and temperature sender 4 -G828-

1.47.1 3-pin connector -T3bc-

3-pin connector -T3bc-



1 -Connector views: parts with prefix H to I

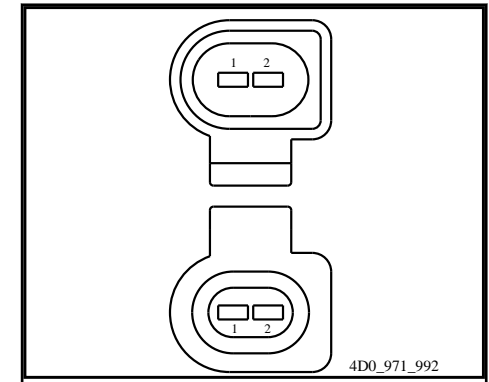
◆ ⇒ [o1.1 r dual tone hornH1", page 1](#)

◆ ⇒ [h1.2 ornH12", page 1](#)

1.1 Horn or dual tone horn -H1-

1.1.1 2-pin connector -T2bw-

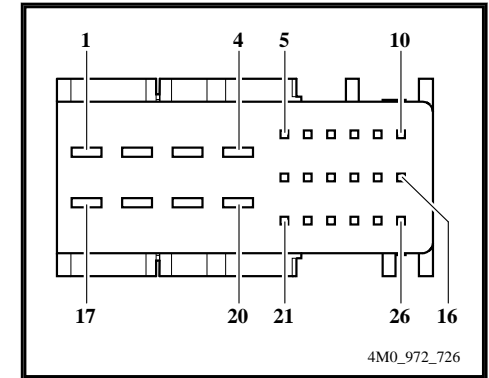
2-pin connector -T2bw-



1.2 Alarm horn -H12-

1.2.1 3-pin connector -T3ab-

3-pin connector -T3ab-

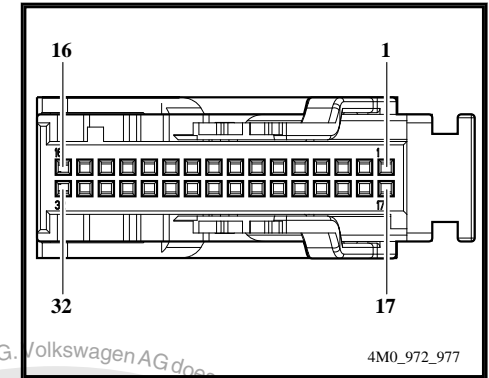


1.4 Airbag control unit -J234-

1.4.1 140-pin connector -T140a-

140-pin connector -T140a-

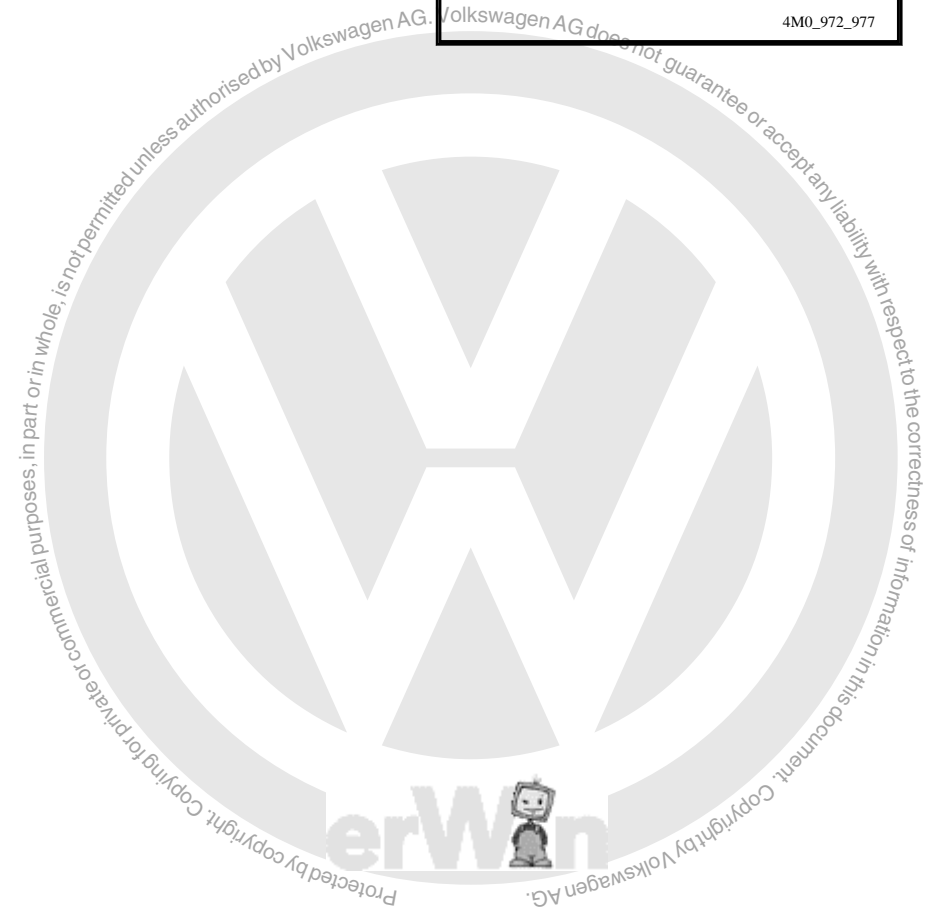




1.10 Adaptive cruise control unit -J428-

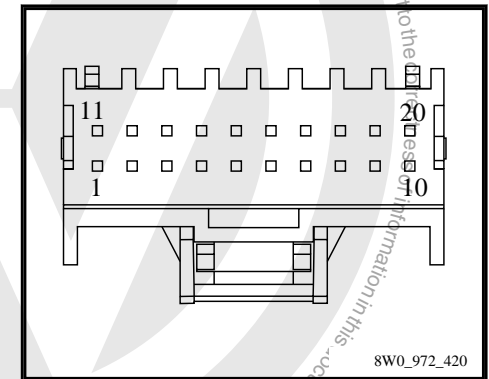
1.10.1 8-pin connector -T8ak-

8-pin connector -T8ak-



1.16.4 20-pin connector -T20I-

20-pin connector -T20I-

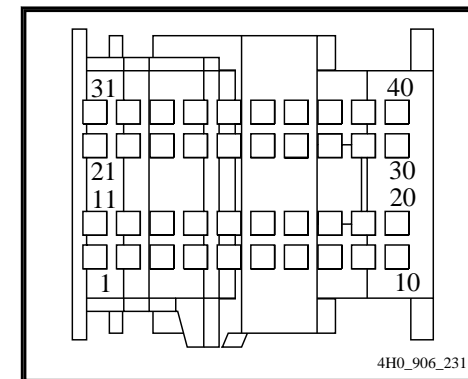
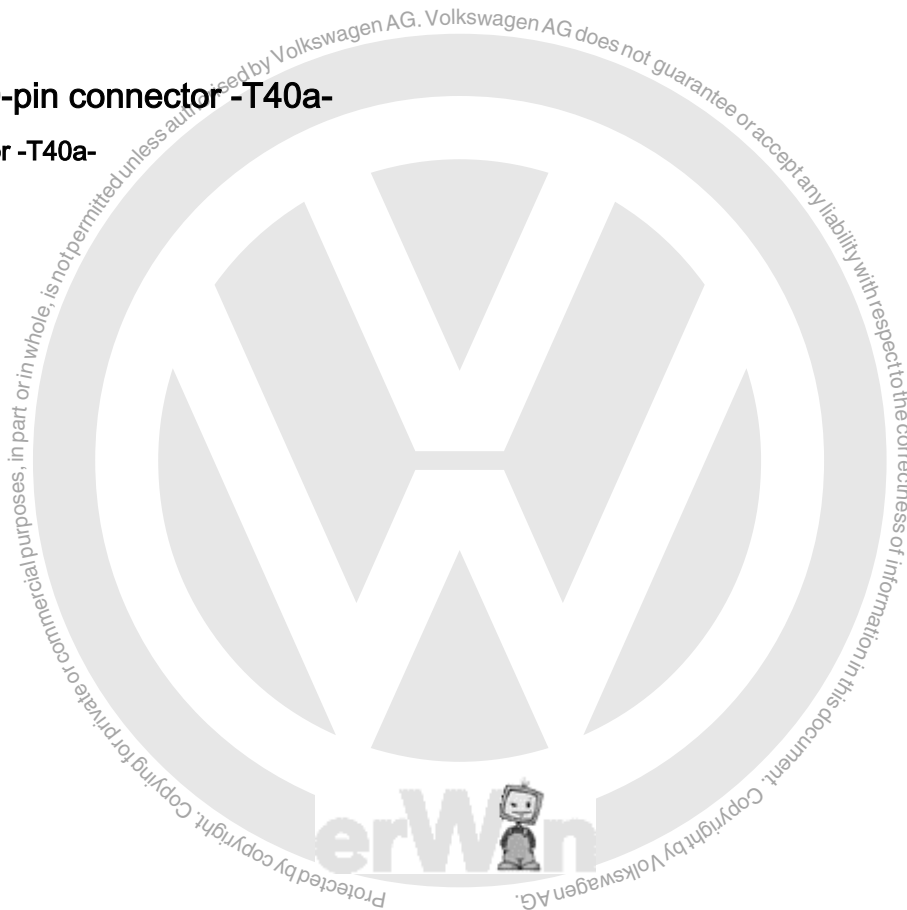


1.16.5 26-pin connector -T26f-

26-pin connector -T26f-

1.19.8 40-pin connector -T40a-

40-pin connector -T40a-



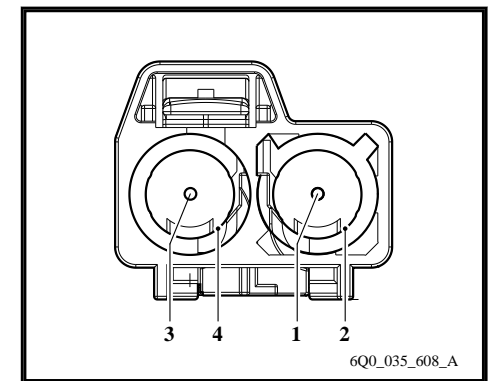
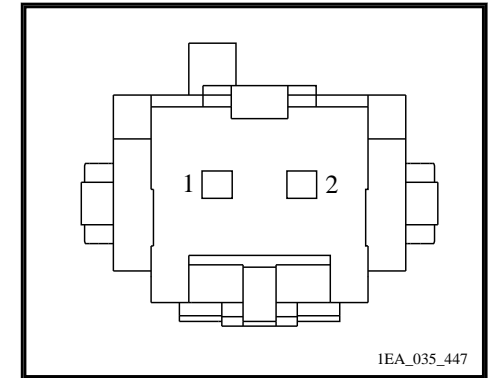
1.20 Engine/motor control unit -J623-

- ◆ ⇒ [c1.20.1 onnectorT4bn", page 44](#)
- ◆ ⇒ [c1.20.2 onnectorT32c", page 44](#)
- ◆ ⇒ [c1.20.3 onnectorT32f", page 45](#)



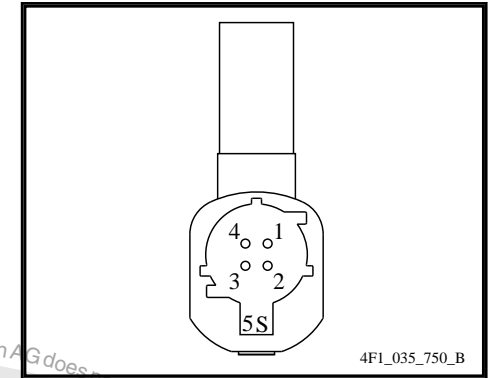
1.26.3 4-pin connector -T4br-

4-pin connector -T4br-



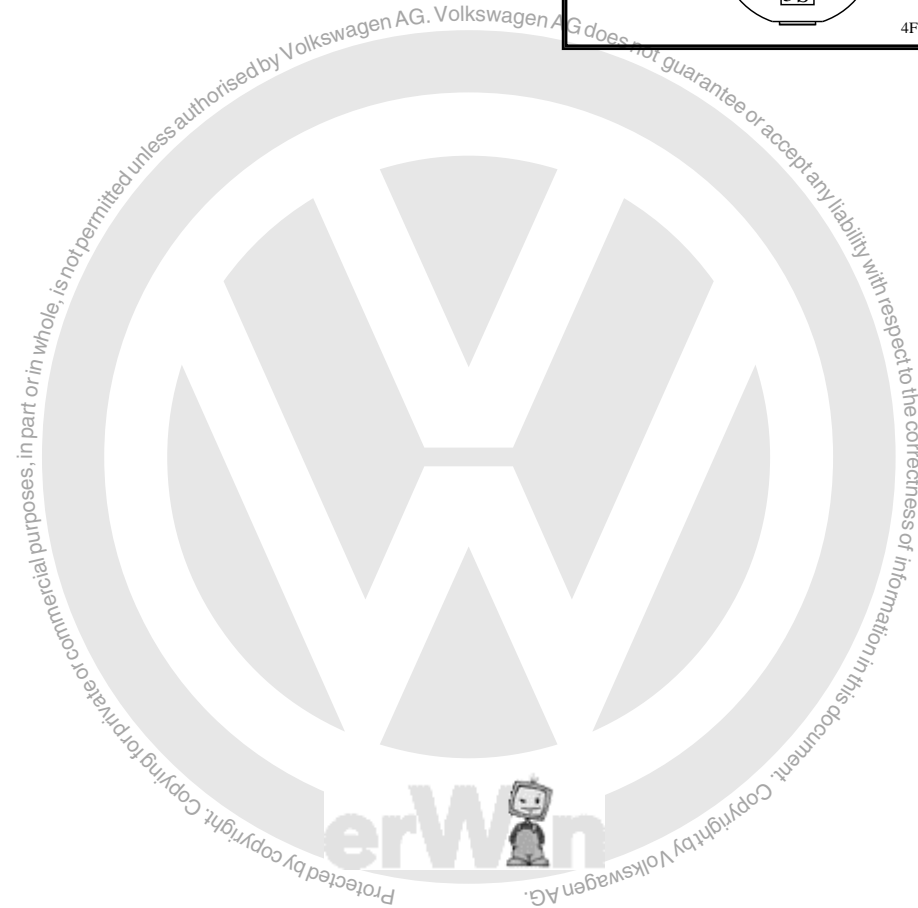
5-pin connector -T5i-

5-pin connector -T5i-



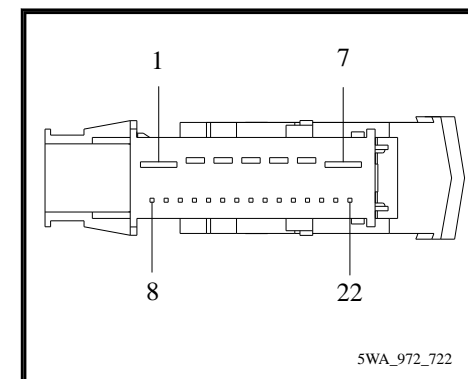
1.30.2 6-pin connector -T6m-

6-pin connector -T6m-



1.33.4 22-pin connector -T22a-

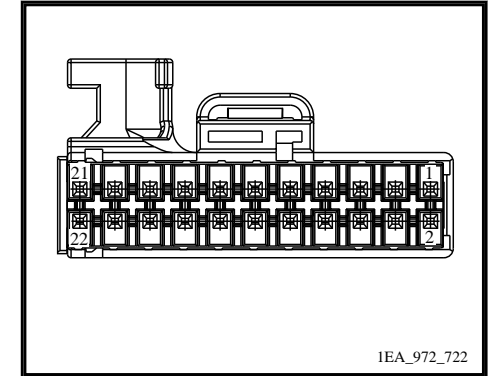
22-pin connector -T22a-



1.34 Battery module 1 -J991-

1.34.1 22-pin connector -T22e-

22-pin connector -T22e-



1.45 Battery module 12 -J1002-

1.45.1 22-pin connector -T22t-

22-pin connector -T22t-

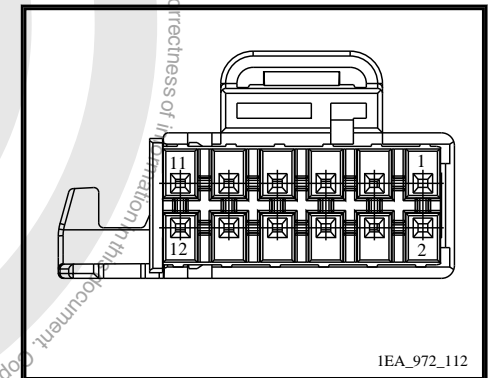
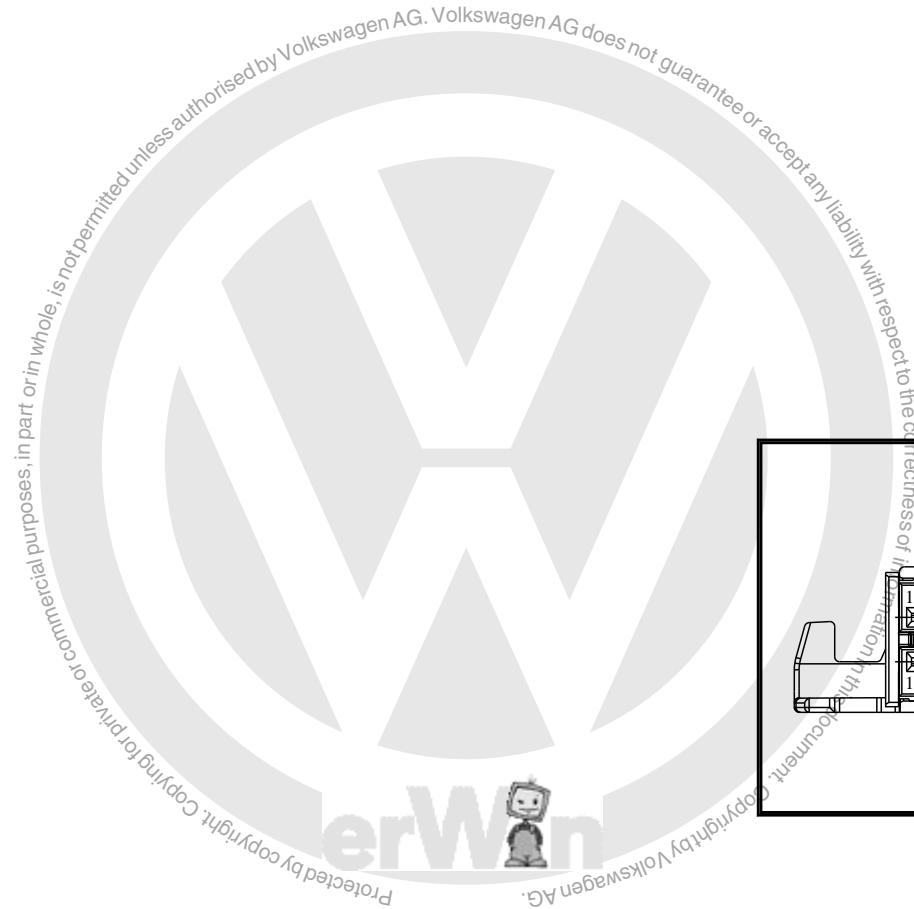


1.52 Battery modules control unit 5 -J1212-

- ◆ ⇒ [c1.52.1 onnectorT12i", page 98](#)
- ◆ ⇒ [c1.52.2 onnectorT22h", page 99](#)
- ◆ ⇒ [c1.52.3 onnectorT22i", page 99](#)
- ◆ ⇒ [c1.52.4 onnectorT22j", page 100](#)
- ◆ ⇒ [c1.52.5 onnectorT22k", page 101](#)

1.52.1 12-pin connector -T12i-

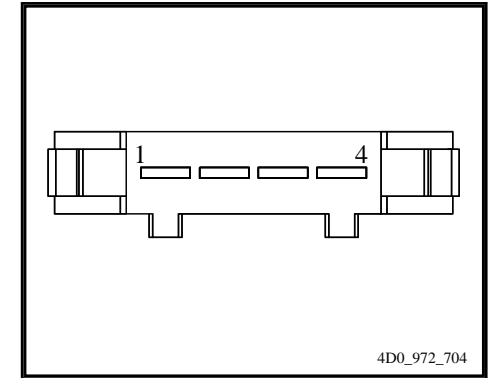
12-pin connector -T12i-



1EA_972_112

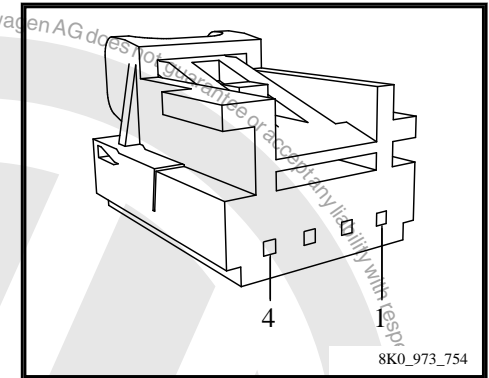
1.56.1 4-pin connector -T4cd-

4-pin connector -T4cd-



1.56.2 5-pin connector -T5t-

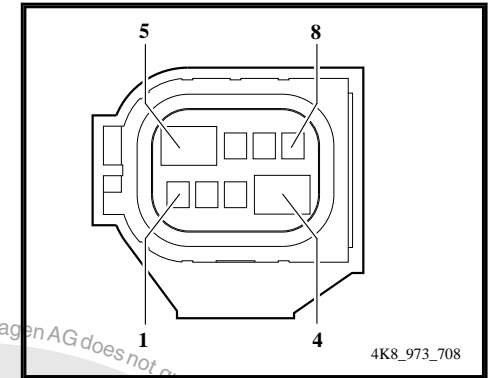
5-pin connector -T5t-



1.7 Light 3 for dash panel contour lighting -L245-

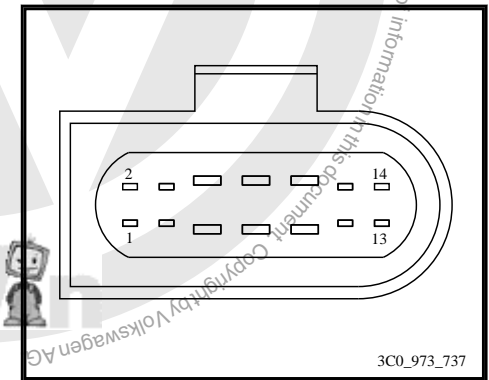
1.7.1 4-pin connector -T4ak-

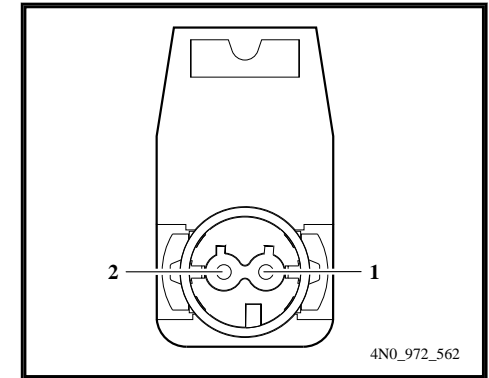
4-pin connector -T4ak-



1.17.2 14-pin connector -T14i-

14-pin connector -T14i-





4N0_972_562

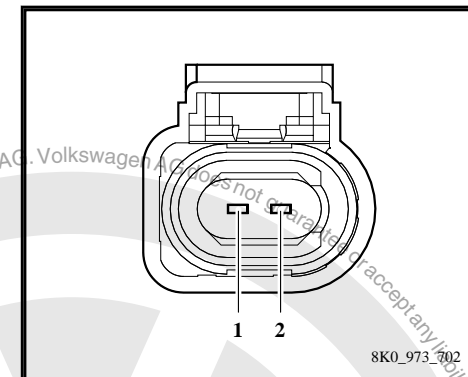
1.4 Side airbag igniter on driver side -N199-

1.4.1 3-pin connector -T3ad-

3-pin connector -T3ad-

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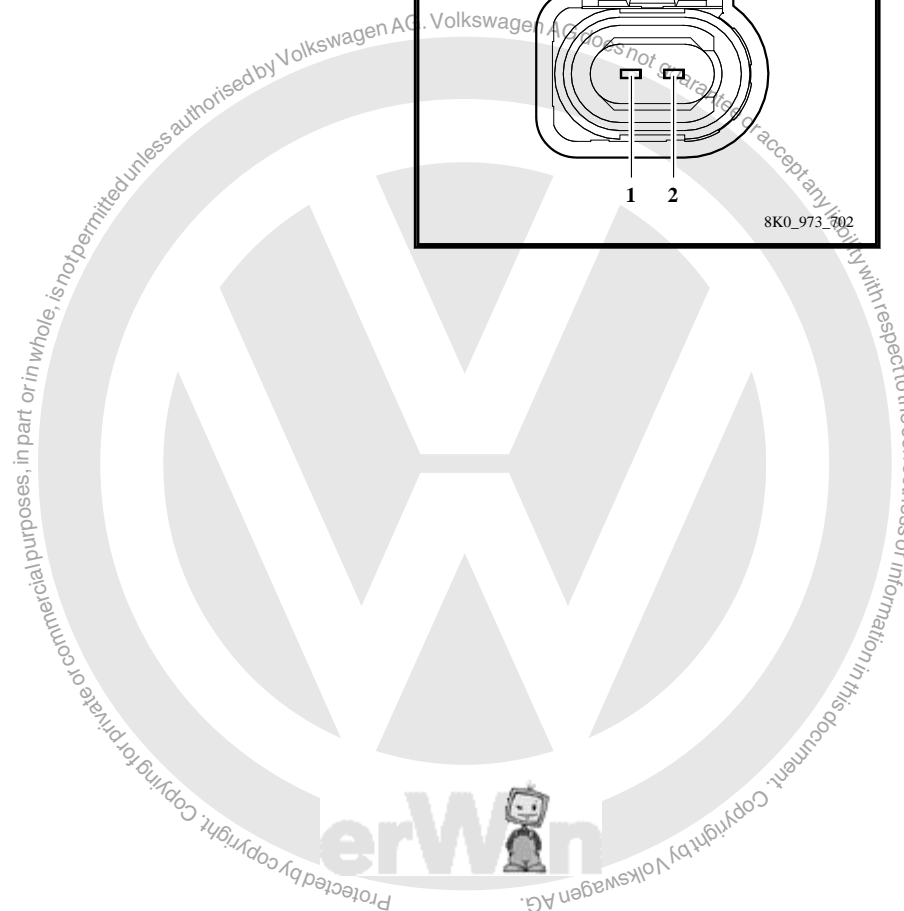
1.15 Refrigerant expansion valve 1 -N636-

◆ ⇒ [c1.15.1 onnectorT4ao", page 15](#)

◆ ⇒ [c1.15.2 onnectorT4bs", page 16](#)

1.15.1 4-pin connector -T4ao-

4-pin connector -T4ao-

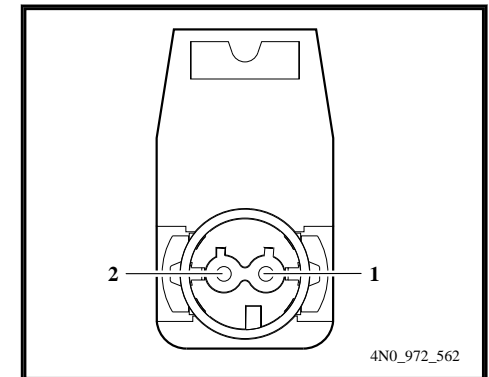


1.25 Front left seat belt -NX10-

- ◆ ⇒ [c1.25.1 onnectorT2cd", page 26](#)
- ◆ ⇒ [c1.25.2 onnectorT5j", page 26](#)

1.25.1 2-pin connector -T2cd-

2-pin connector -T2cd-



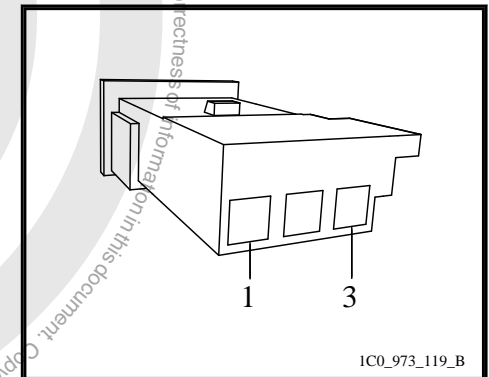
1.25.2

1.5 Aerial amplifier -R24-

- ◆ ⇒ [c1.5.1 onnectorT3bv", page 8](#)
- ◆ ⇒ [c1.5.2 onnectorT4bl", page 8](#)

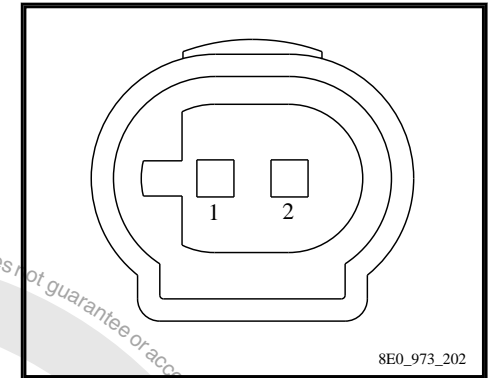
1.5.1 3-pin connector -T3bv-

3-pin connector -T3bv-



1C0_973_119_B

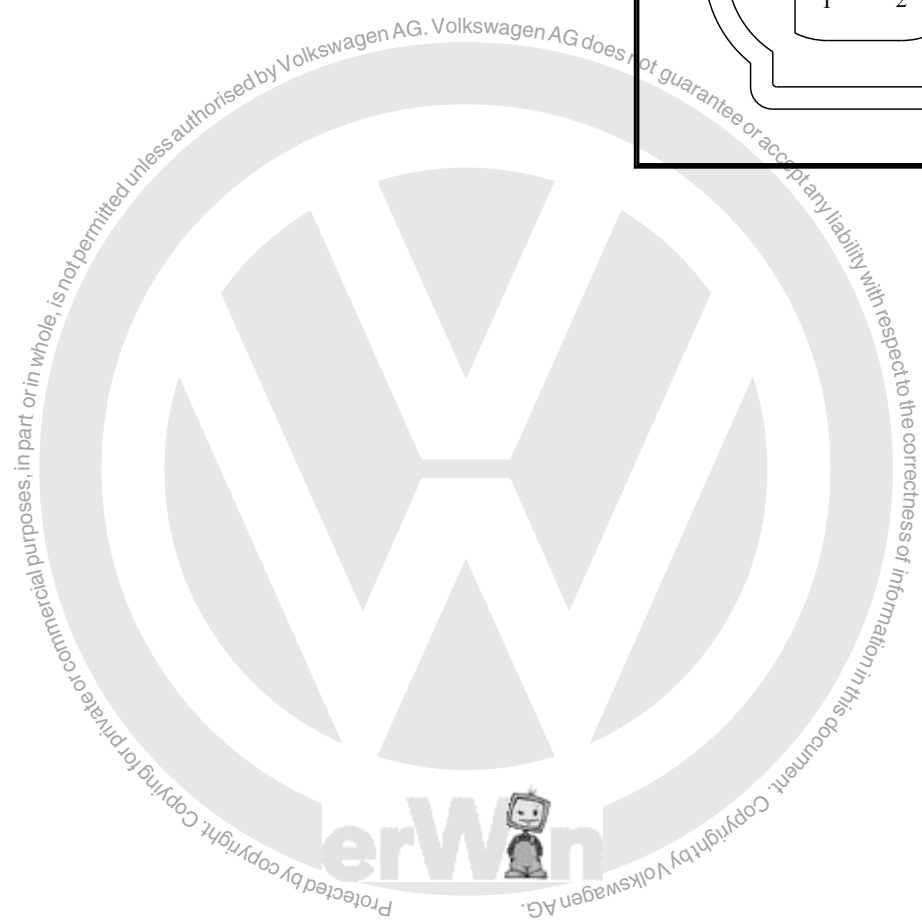
1.5.2

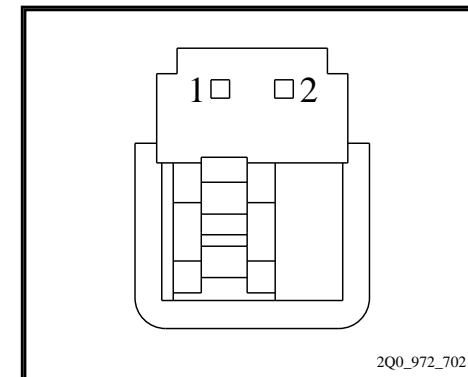


1.14 Subwoofer -R211-

1.14.1 4-pin connector -T4ar-

4-pin connector -T4ar-





2Q0_972_702

1.24 Roof aerial -RX5-

◆ ⇒ [c1.24.1 onnectorT2cu", page 30](#)

◆ ⇒ [c1.24.2 onnectorT2ed", page 31](#)

1.24.1 2-pin connector -T2cu-

2-pin connector -T2cu-



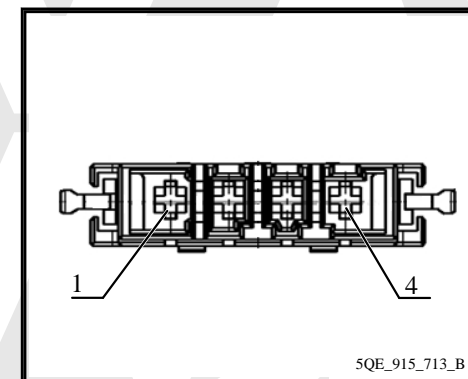
1.5 Switching unit for high-voltage battery, positive terminal -SX8-

◆ ⇒ [c1.5.1 onnectorT4cm", page 9](#)

◆ ⇒ [c1.5.2 onnectorT6ad", page 9](#)

1.5.1 4-pin connector -T4cm-

4-pin connector -T4cm-

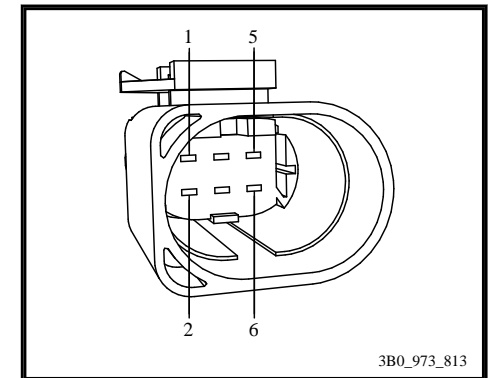
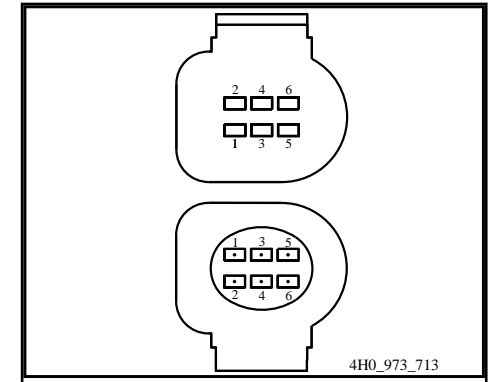


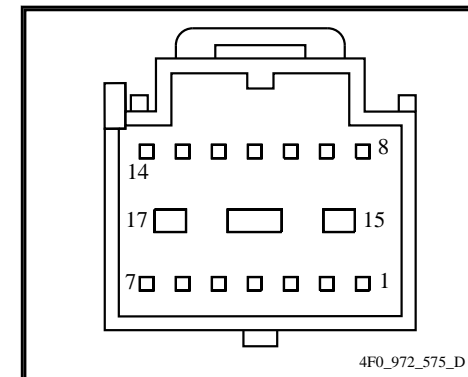
1.5.2



1.12.2 6-pin connector -T6w-

6-pin connector -T6w-





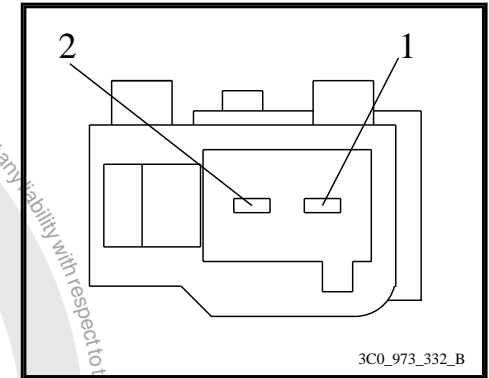
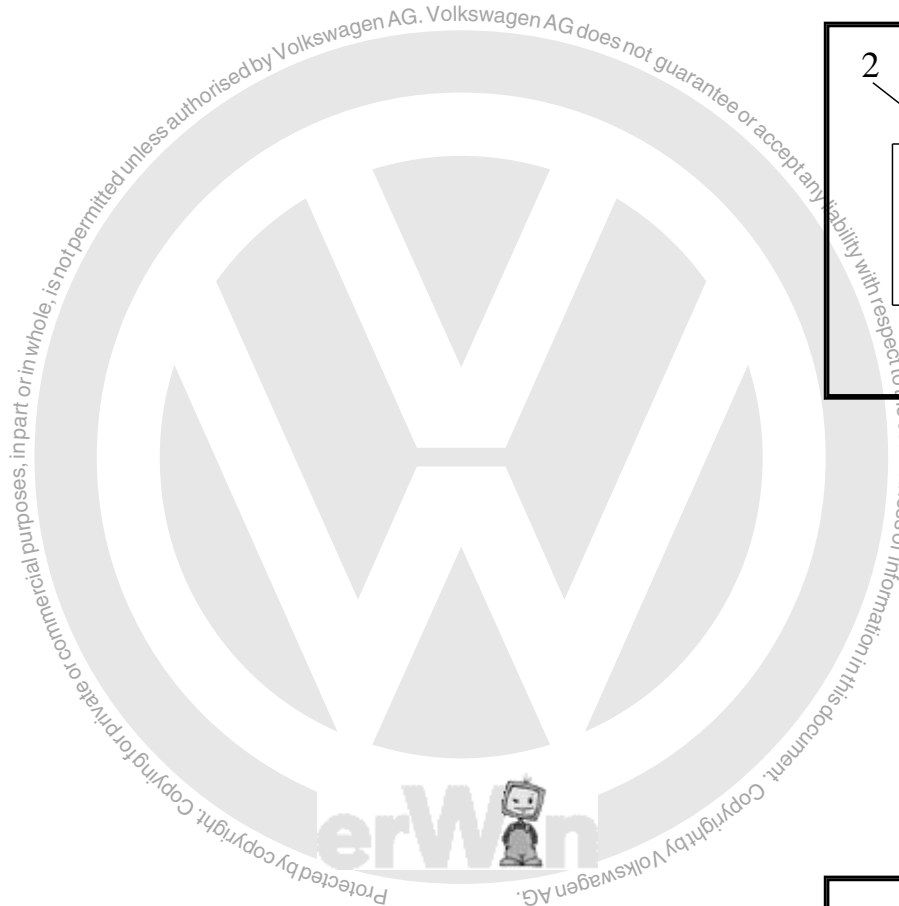
1.16 Coupling point in interior, below right -TIUR-

- ◆ ⇒ [c1.16.1 onnectorT17m", page 31](#)
- ◆ ⇒ [c1.16.2 onnectorT17n", page 32](#)
- ◆ ⇒ [c1.16.3 onnectorT17o", page 33](#)
- ◆ ⇒ [c1.16.4 onnectorT17p", page 33](#)

1.16.1 17-pin connector -T17m-

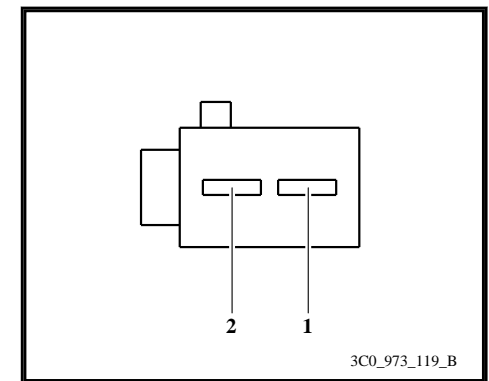
17-pin connector -T17m-

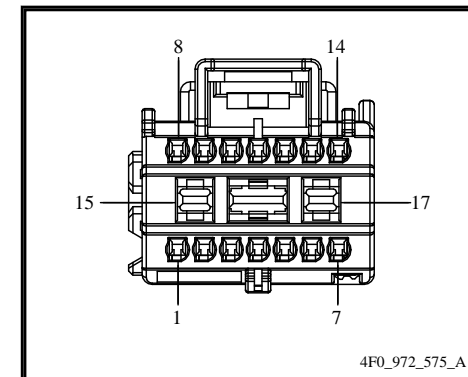




1.21.2 2-pin connector -T2fy-

2-pin connector -T2fy-





1.27 Coupling point for fresh air and air recirculation flap -TS68-

- ◆ ⇒ [c1.27.1 onnectorT5a", page 53](#)
- ◆ ⇒ [c1.27.2 onnectorT5s", page 54](#)

1.27.1 5-pin connector -T5a-

5-pin connector -T5a-

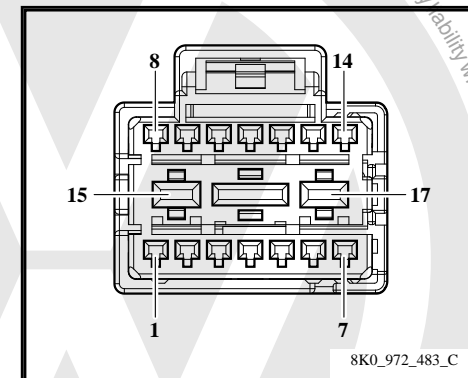


1.31 Coupling point for front left seat -TSVL-

- ◆ ⇒ [c1.31.1 onnectorT17q", page 64](#)
- ◆ ⇒ [c1.31.2 onnectorT17r", page 65](#)
- ◆ ⇒ [c1.31.3 onnectorT17v", page 65](#)
- ◆ ⇒ [c1.31.4 onnectorT17w", page 66](#)

1.31.1 17-pin connector -T17q-

17-pin connector -T17q-



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