

# 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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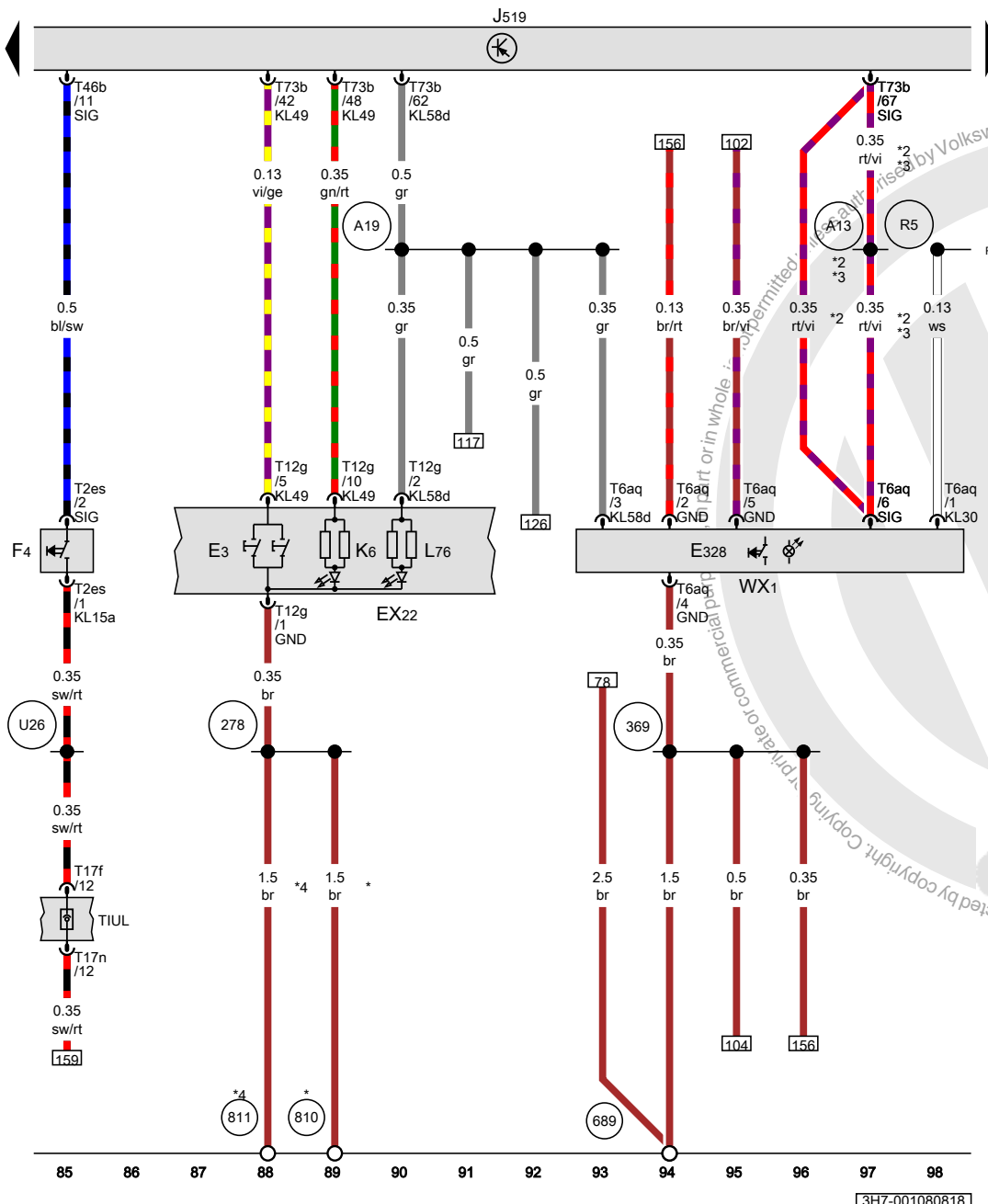
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- You can download the complete manual from: [www.heydownloads.com](http://www.heydownloads.com) by clicking the link below



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Centre switch module in dash panel, Reversing light switch, Onboard supply control unit, Front interior light



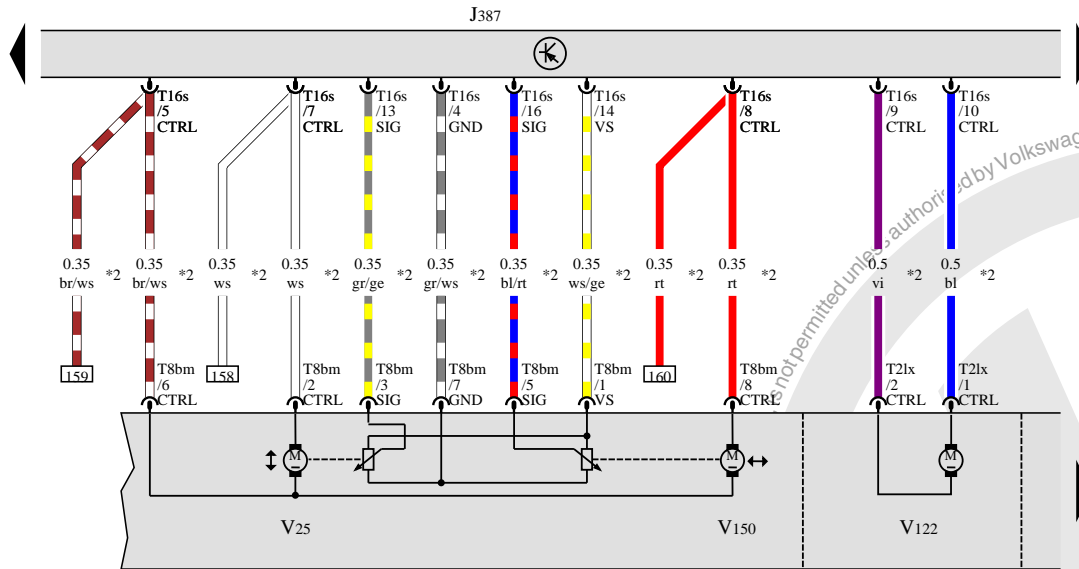
- E3 Hazard warning light switch
- EX22 Centre switch module in dash panel
- E328 Front reading light button
- F4 Reversing light switch
- J519 Onboard supply control unit
- K6 Indicator lamp for hazard warning light
- L76 Button illumination bulb
- T2es 2-pin connector, black
- T6aq 6-pin connector, blue
- T12g 12-pin connector, black
- T17f 17-pin connector, brown
- T17n 17-pin connector, brown
- T46b 46-pin connector, black
- T73b 73-pin connector, black
- TIUL Coupling point in interior, below left
- WX1 Front interior light

- 278 Earth connection 4, in interior wiring harness
- 369 Earth connection 4, in main wiring harness
- 689 Earth point, at front, central in roof
- 810 Earth point on central tube for dash panel, centre left
- 811 Earth point on central tube for dash panel, centre right
- A13 Connection (door contact switch), in dash panel wiring harness
- A19 Connection (58d), in dash panel wiring harness
- R5 Connection 2, in interior light wiring harness
- U26 Connection (15), in gearbox switch 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

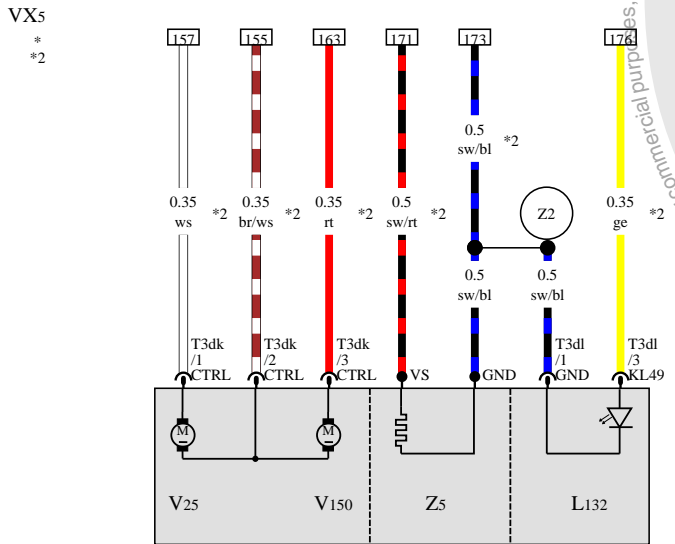
- \* For left-hand drive models
- \*2 According to equipment
- \*3 Up to May 2017
- \*4 For right-hand drive models

Front passenger door control unit, Passenger side exterior mirror



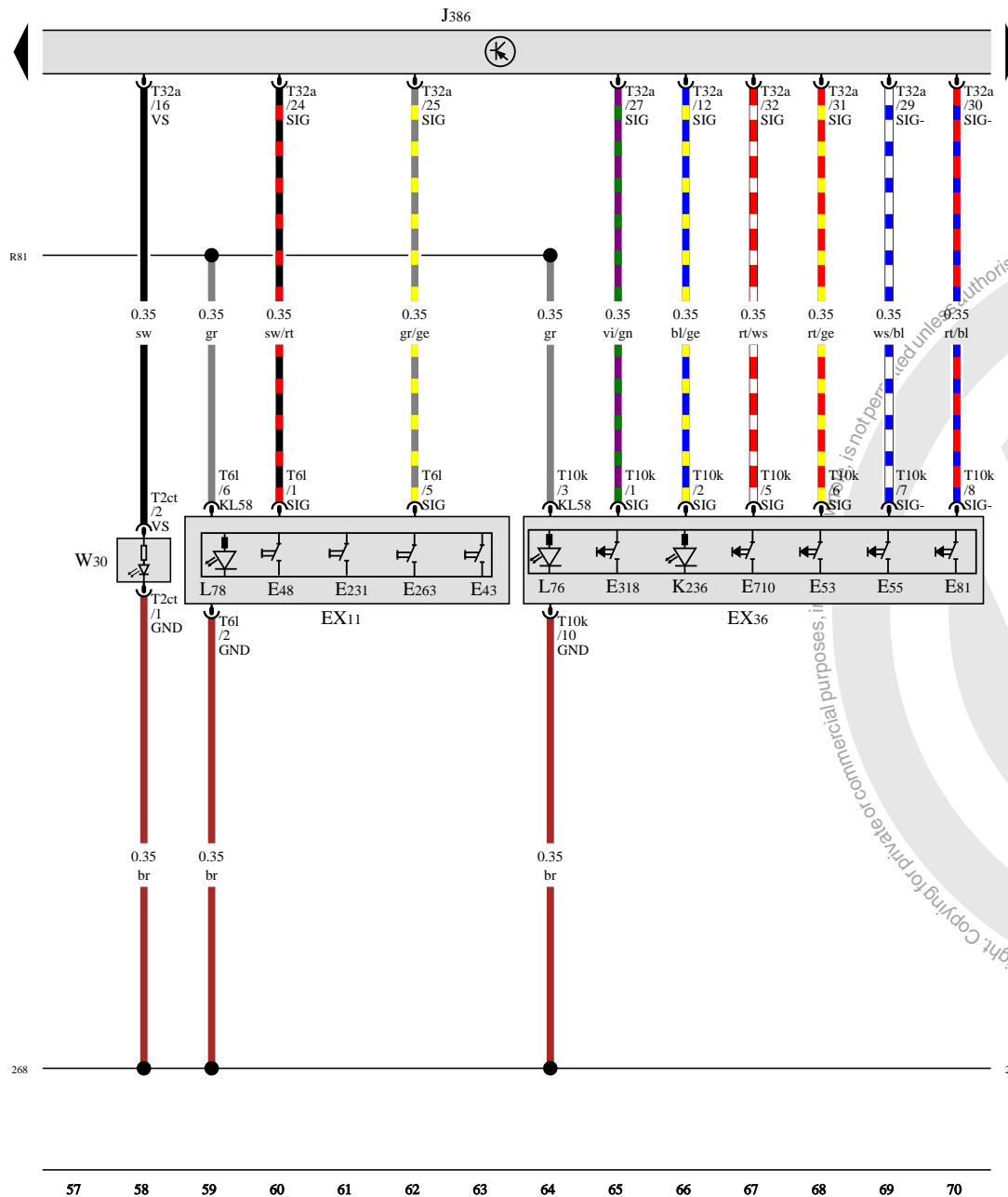
- J387 Front passenger door control unit
- L132 Front passenger side exterior mirror turn signal bulb
- T2lx 2-pin connector, black
- T3dk 3-pin connector, black
- T3dl 3-pin connector, black
- T8bm 8-pin connector, black
- T16s 16-pin connector, black
- VX5 Passenger side exterior mirror
- V25 Front passenger side mirror adjustment motor 2
- V122 Front passenger side fold-in mirror motor
- V150 Front passenger side mirror adjustment motor
- Z5 Heated exterior mirror on passenger side
- Z2 Connection 2, in mirror adjustment/heating wiring harness

\* Pre-wired component  
 \*2 According to equipment



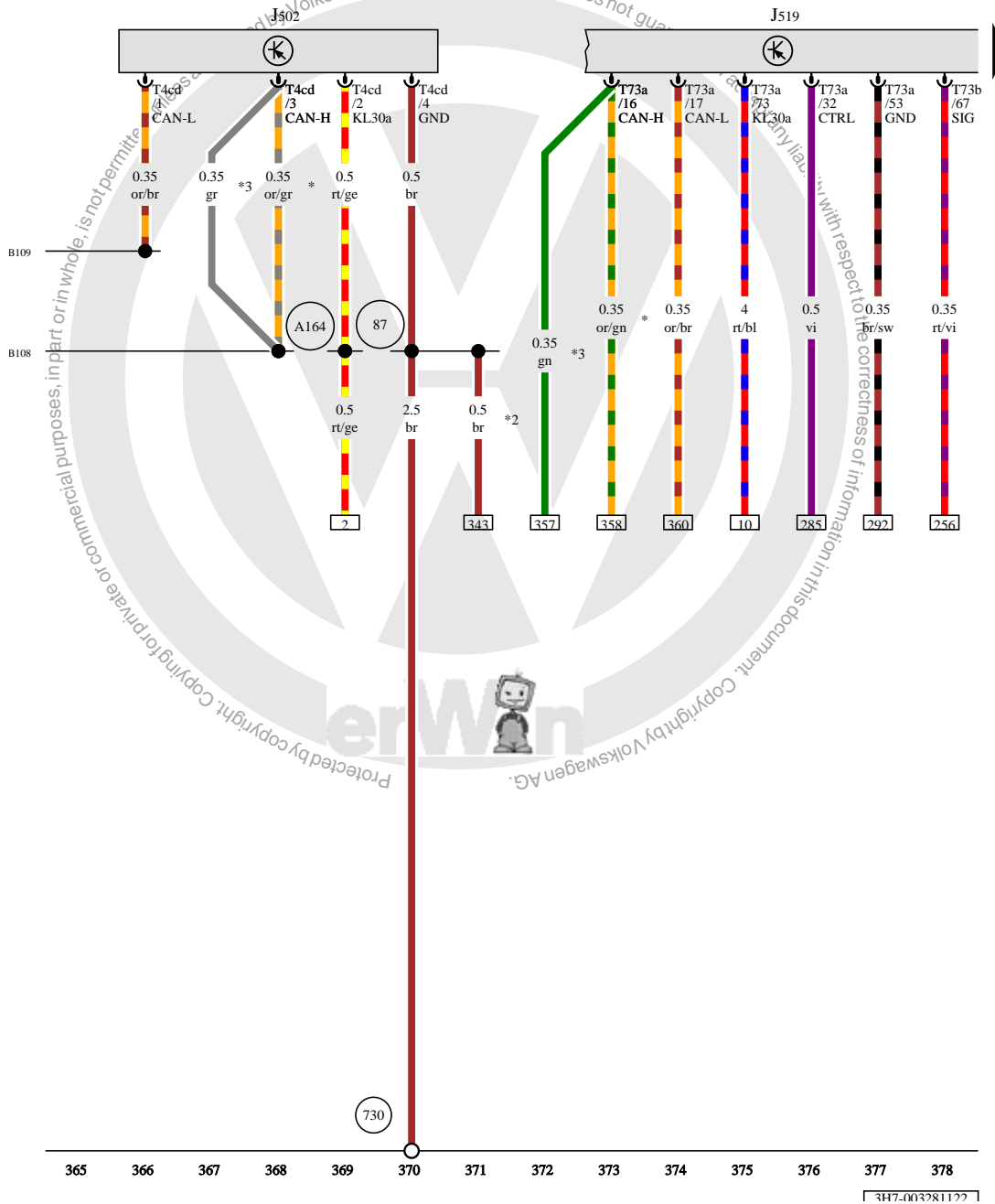
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
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Exterior mirror adjuster, Operating unit for window regulator in driver door, Driver door control unit, Driver side door warning lamp



- EX11 Exterior mirror adjuster
  - EX36 Operating unit for window regulator in driver door
  - E43 Mirror adjustment switch
  - E48 Mirror adjustment changeover switch
  - E53 Rear left window regulator switch, in driver door
  - E55 Rear right window regulator switch, in driver door
  - E81 Front right window regulator switch in driver door
  - E231 Exterior mirror heater button
  - E263 Fold-in mirror switch
  - E318 Childproof lock button
  - E710 Front driver side window regulator button
  - J386 Driver door control unit
  - K236 Warning light for activated childproof lock
  - L76 Button illumination bulb
  - L78 Mirror adjustment switch illumination bulb
  - T2ct 2-pin connector, black
  - T61 6-pin connector, brown
  - T10k 10-pin connector, black
  - T32a 32-pin connector, blue
  - W30 Driver side door warning lamp
- (268) Earth connection 2, in front passenger side door wiring harness
- (R81) Connection 1 (58d), in driver side door wiring harness

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**Tyre Pressure Monitoring System control unit, Onboard supply control unit**

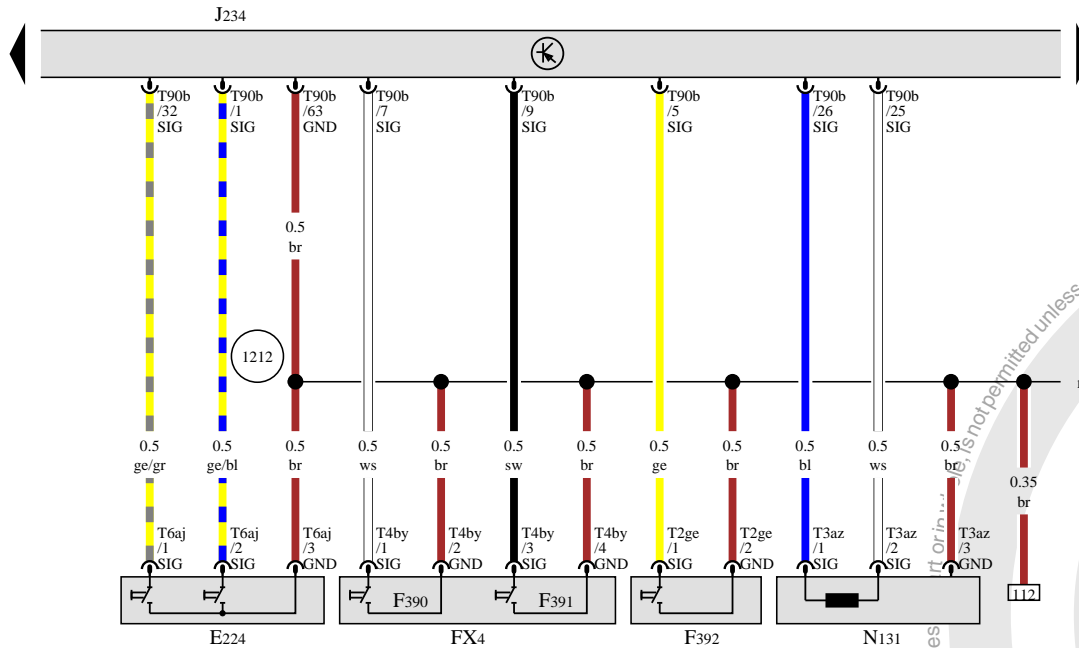
- J502 Tyre Pressure Monitoring System control unit
- J519 Onboard supply control unit
- T4cd 4-pin connector, grey
- T73a 73-pin connector, black
- T73b 73-pin connector, black

- 87 Earth connection 2, in rear wiring harness
- 730 Earth point 1, on right rear wheel housing
- A164 Positive connection 2 (30a) in dash panel wiring harness
- B108 Connection 1 (CAN bus extended high), in main wiring harness
- B109 Connection 1 (CAN bus extended low), in main wiring harness
- \* Up to July 2018
- \*2 For models with sensor-controlled rear lid opener
- \*3 From July 2018

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

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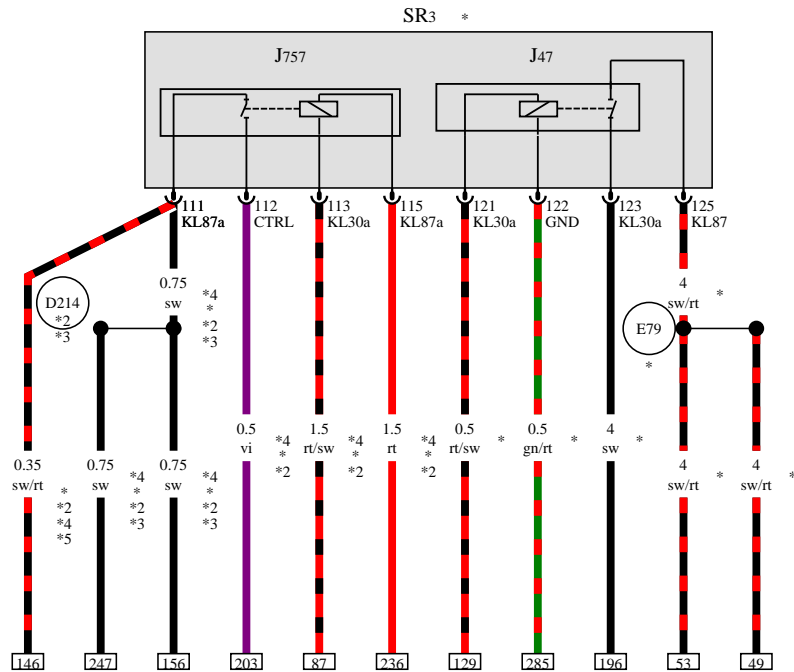
Key-operated switch to deactivate airbag on front passenger side, Twin belt buckle, Belt switch for seat row 2, passenger side, Airbag control unit, Airbag igniter 1 on front passenger side



- E224 Key-operated switch to deactivate airbag on front passenger side
- FX4 Twin belt buckle
- F390 Belt switch for seat row 2, driver side
- F391 Belt switch for seat row 2, centre
- F392 Belt switch for seat row 2, passenger side
- J234 Airbag control unit
- N131 Airbag igniter 1 on front passenger side
- T2ge 2-pin connector, black
- T3az 3-pin connector, yellow
- T4by 4-pin connector, black
- T6aj 6-pin connector, yellow
- T90b 90-pin connector, yellow

1212 Earth connection 3, in airbag wiring harness

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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



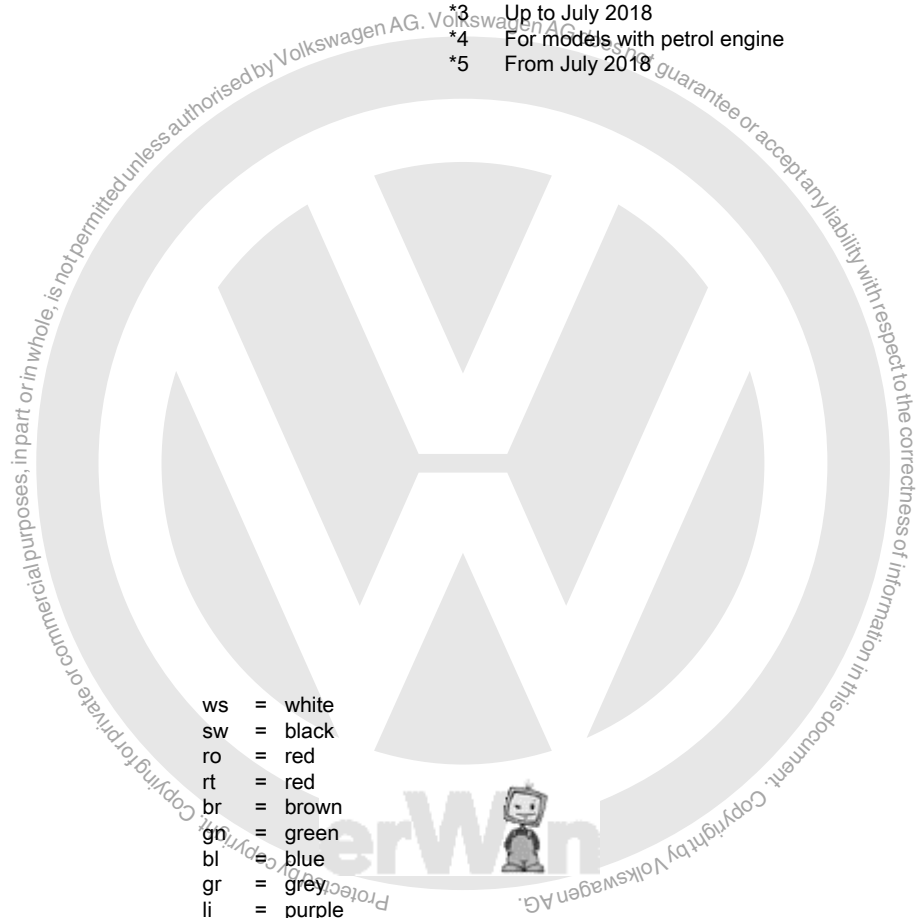
Heated windscreen relay, Engine component power supply relay, Relay and fuse carrier 3

- J47 Heated windscreen relay
- J757 Engine component power supply relay
- SR3 Relay and fuse carrier 3

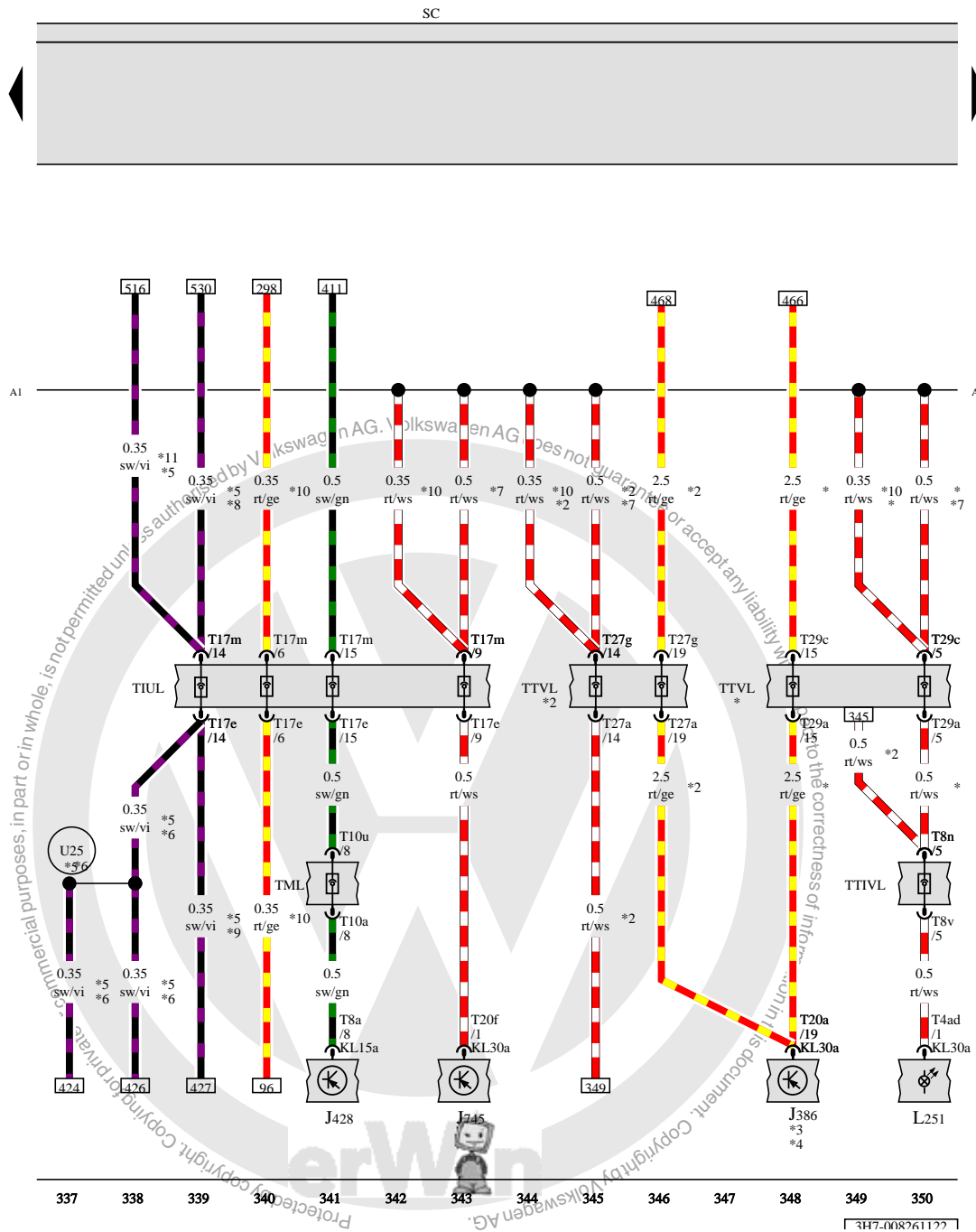
D214 Connection 8 (87a), in engine compartment wiring harness

E79 Connection 3 (87a) in engine wiring harness

- \* According to equipment
- \*2 see applicable current flow diagram for engine
- \*3 Up to July 2018
- \*4 For models with petrol engine
- \*5 From July 2018



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Driver door control unit, Adaptive cruise control unit, Control unit for cornering light and headlight range control, Light for front left door contour lighting, Fuse holder C

- J386 Driver door control unit
- J428 Adaptive cruise control unit
- J745 Control unit for cornering light and headlight range control
- L251 Light for front left door contour lighting
- SC Fuse holder C
- T4ad 4-pin connector, black
- T8a 8-pin connector, black
- T8n 8-pin connector, black
- T8v 8-pin connector, black
- T10a 10-pin connector, black
- T10u 10-pin connector, black
- T17e 17-pin connector, black
- T17m 17-pin connector, black
- T20a 20-pin connector, black
- T20f 20-pin connector, brown
- T27a 27-pin connector, black
- T27g 27-pin connector, black
- T29a 29-pin connector, white
- T29c 29-pin connector, white
- TIUL Coupling point in interior, below left
- TML Coupling point in engine compartment, left
- TTIVL Coupling point in front left door
- TTVL Coupling point for front left door

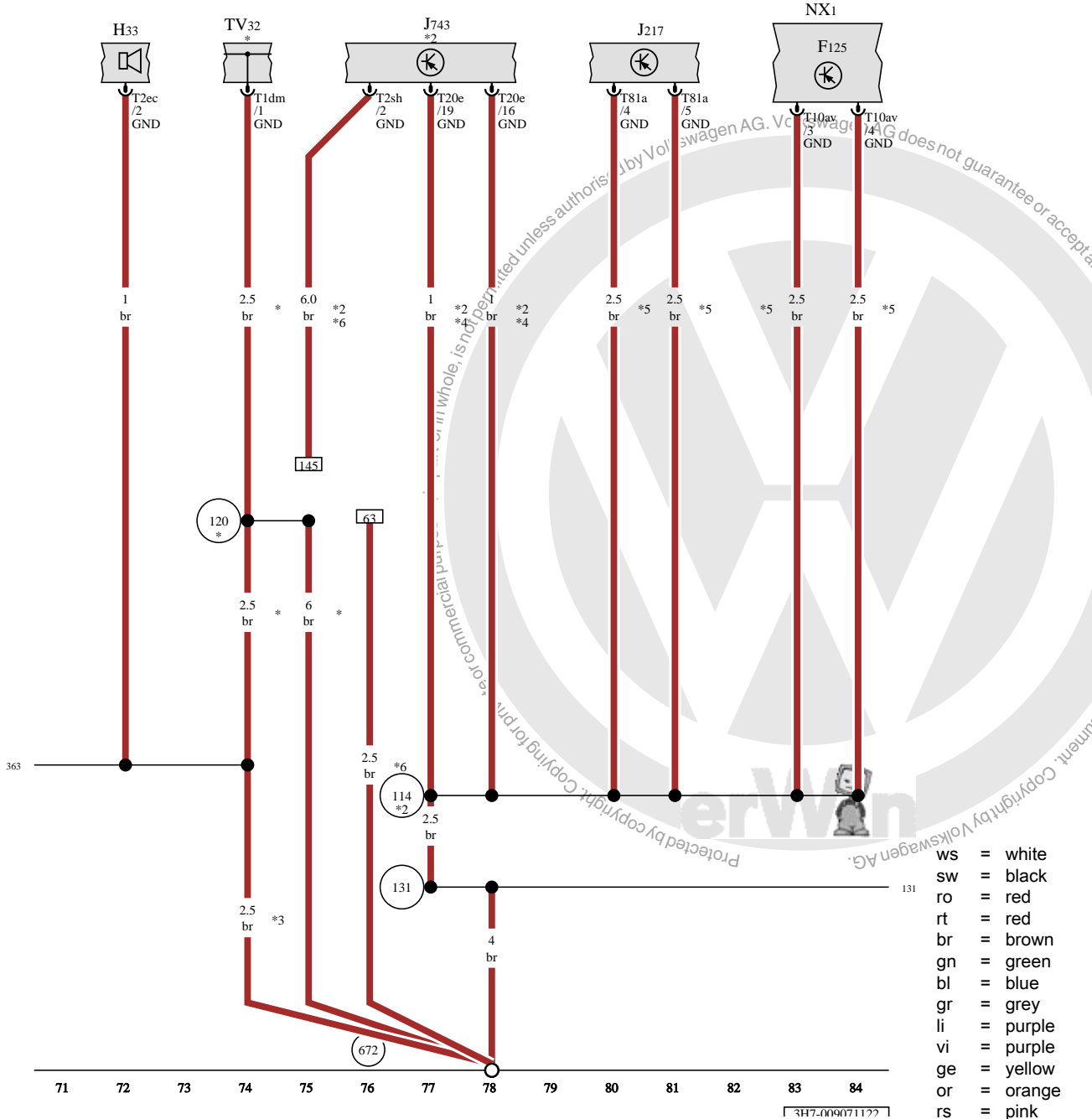
A1 Positive connection (30a), in dash panel wiring harness

U25 Connection (15), in manual gearbox wiring harness

- \* For models with overhead view camera
- \*2 For models with no overhead view camera
- \*3 For left-hand drive models
- \*4 see applicable current flow diagram for convenience system
- \*5 For American markets
- \*6 For models with Climatronic
- \*7 Up to July 2018
- \*8 Up to November 2018
- \*9 For models with air conditioning system
- \*10 From July 2018
- \*11 From November 2018

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- ro = red
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- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
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Left horn, Automatic gearbox control unit, Mechatronic unit for dual clutch gearbox, Gearbox, Jump start connection

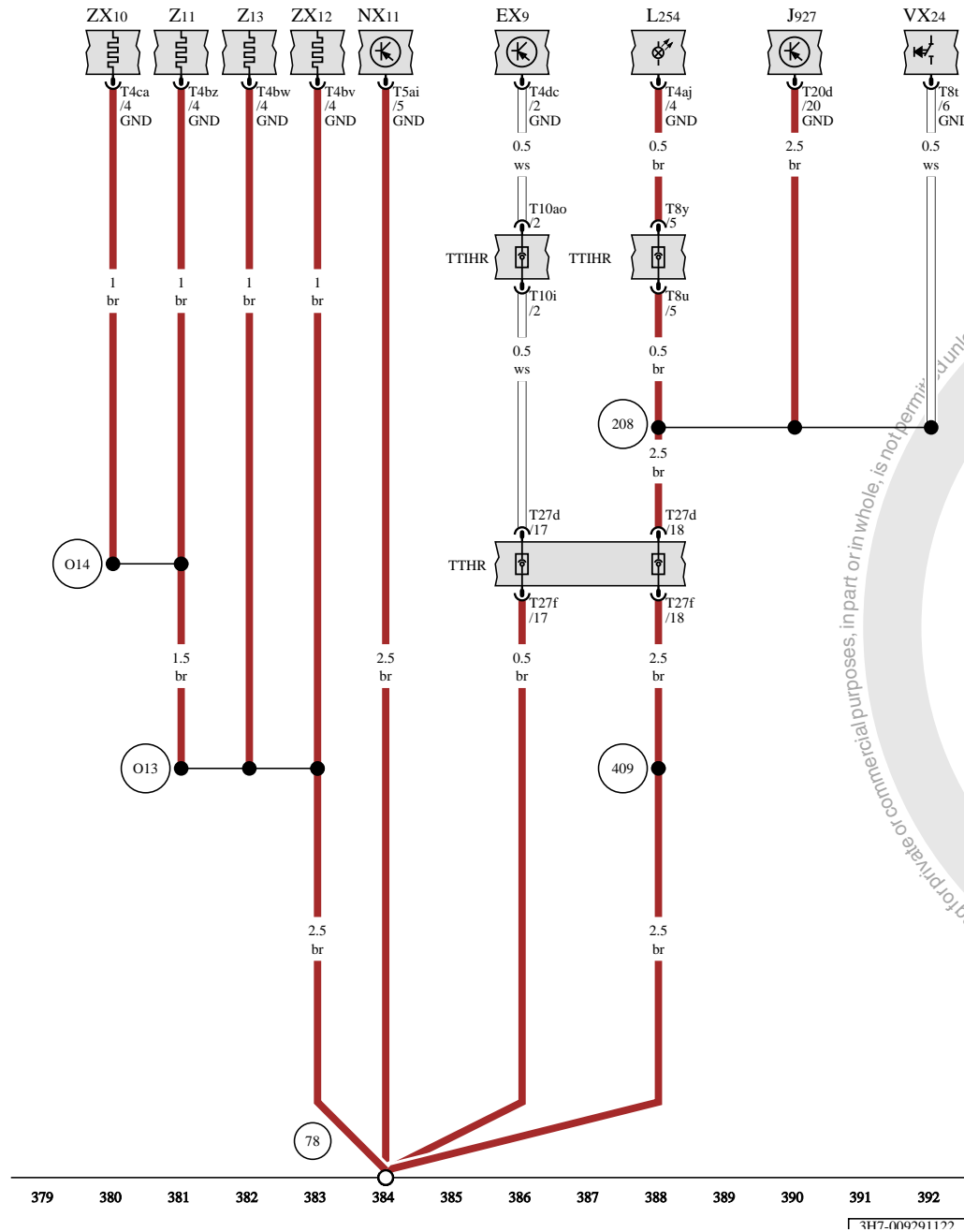


- F125 Multifunction switch
  - H33 Left horn
  - J217 Automatic gearbox control unit
  - J743 Mechatronic unit for dual clutch gearbox
  - NX1 Gearbox
  - T1dm 1-pin connector, black
  - T2ec 2-pin connector, black
  - T2sh 2-pin connector, black
  - T10av 10-pin connector, black
  - T20e 20-pin connector, black
  - T81a 81-pin connector, black
  - TV32 Jump start connection
- 114 Earth connection, in automatic gearbox wiring harness
  - 120 Earth connection 2, in headlight wiring harness
  - 131 Earth connection 2, in engine compartment wiring harness
  - 363 Earth connection 8, in engine compartment wiring harness
  - 672 Earth point 2, on front of left longitudinal member
- \* For models with battery in luggage compartment
  - \*2 see applicable current flow diagram for dual clutch gearbox
  - \*3 For models with battery in engine compartment
  - \*4 For models with no hybrid drive system
  - \*5 see applicable current flow diagram for automatic gearbox
  - \*6 For models with hybrid drive system

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- gr = grey
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- vi = purple
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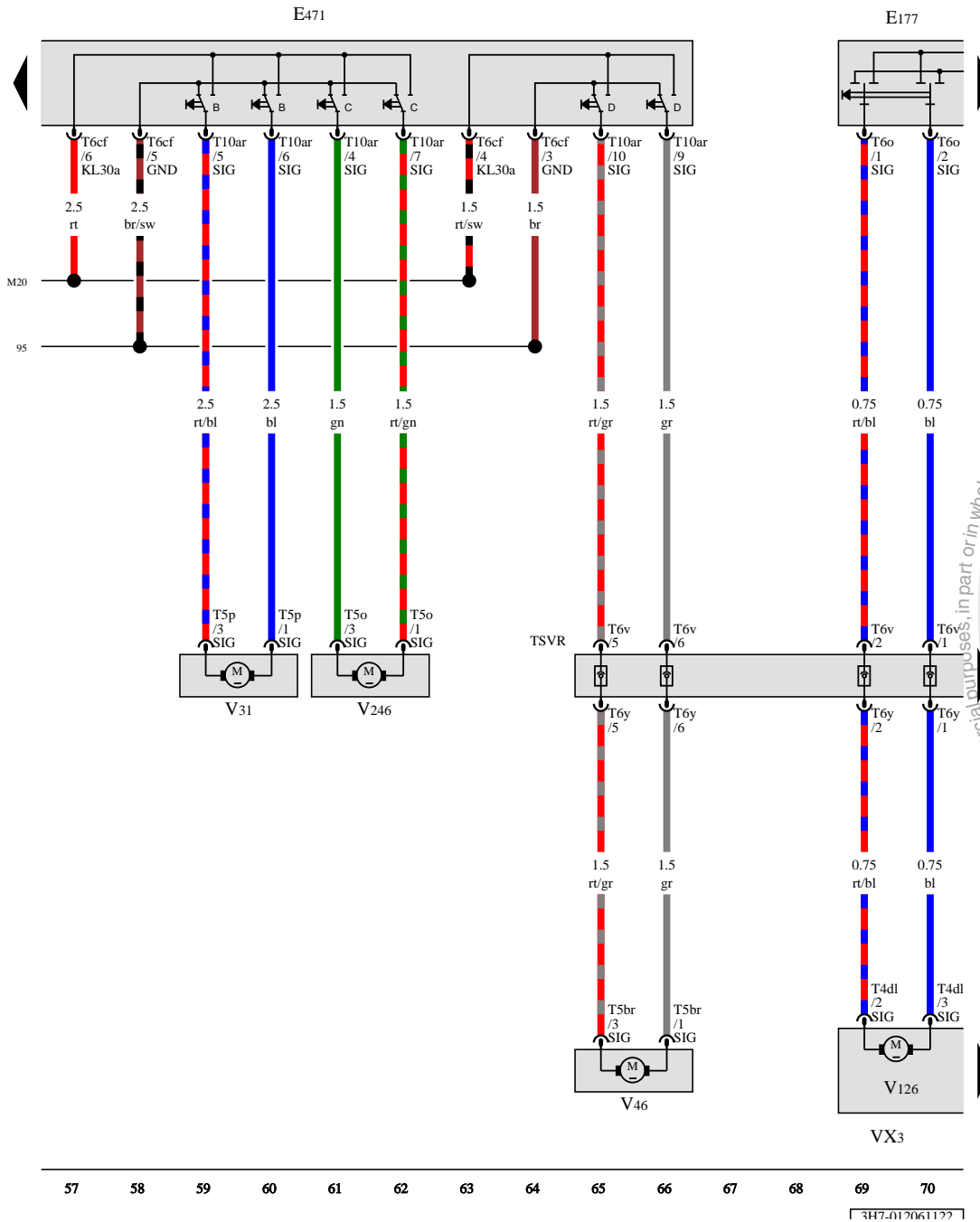
Rear right exterior door handle, Rear passenger side door control unit, Light for rear right door contour lighting, Front right seat belt, Rear right door lock unit, Rear left seat heating, Heated backrest for rear left seat, Rear right seat heating, Heated backrest for rear right seat



- EX9 Rear right exterior door handle
- J927 Rear passenger side door control unit
- L254 Light for rear right door contour lighting
- NX11 Front right seat belt
- T4aj 4-pin connector, black
- T4bv 4-pin connector, black
- T4bw 4-pin connector, white
- T4bz 4-pin connector, white
- T4ca 4-pin connector, black
- T4dc 4-pin connector, black
- T5ai 5-pin connector, colourless
- T8t 8-pin connector, black
- T8u 8-pin connector, black
- T8y 8-pin connector, black
- T10ao 10-pin connector, red
- T10i 10-pin connector, red
- T20d 20-pin connector, black
- T27d 27-pin connector, black
- T27f 27-pin connector, black
- TTHR Coupling point for rear right door
- TTIHR Coupling point in rear right door
- VX24 Rear right door lock unit
- ZX10 Rear left seat heating
- Z11 Heated backrest for rear left seat
- ZX12 Rear right seat heating
- Z13 Heated backrest for rear right seat
- 78 Earth point, on lower part of right B-pillar
- 208 Earth connection, in rear right door wiring harness
- 409 Earth connection 3, in rear right door wiring harness
- O13 Connection 2, in seat heating wiring harness
- O14 Connection 3, in seat heating wiring harness

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Front passenger seat lumbar support adjustment switch, Front passenger seat adjustment operating unit, Lumbar support for front passenger seat, Front passenger seat longitudinal adjustment motor, Front passenger seat backrest adjustment motor, Front passenger seat height adjustment motor

- E177 Front passenger seat lumbar support adjustment switch
- E471 Front passenger seat adjustment operating unit
- T4dl 4-pin connector, black
- T5br 5-pin connector, brown
- T5o 5-pin connector, brown
- T5p 5-pin connector, brown
- T6cf 6-pin connector, black
- T6o 6-pin connector, black
- T6v 6-pin connector, black
- T6y 6-pin connector, black
- T10ar 10-pin connector, black
- TSVR Coupling point for front right seat
- VX3 Lumbar support for front passenger seat
- V31 Front passenger seat longitudinal adjustment motor
- V46 Front passenger seat backrest adjustment motor
- V126 Front passenger seat lumbar support longitudinal adjustment motor
- V246 Front passenger seat height adjustment motor
- 95 Earth connection 1, in seat adjustment wiring harness
- M20 Connection 3, in front passenger seat adjustment wiring harness

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## Heated windscreen , (4GX)

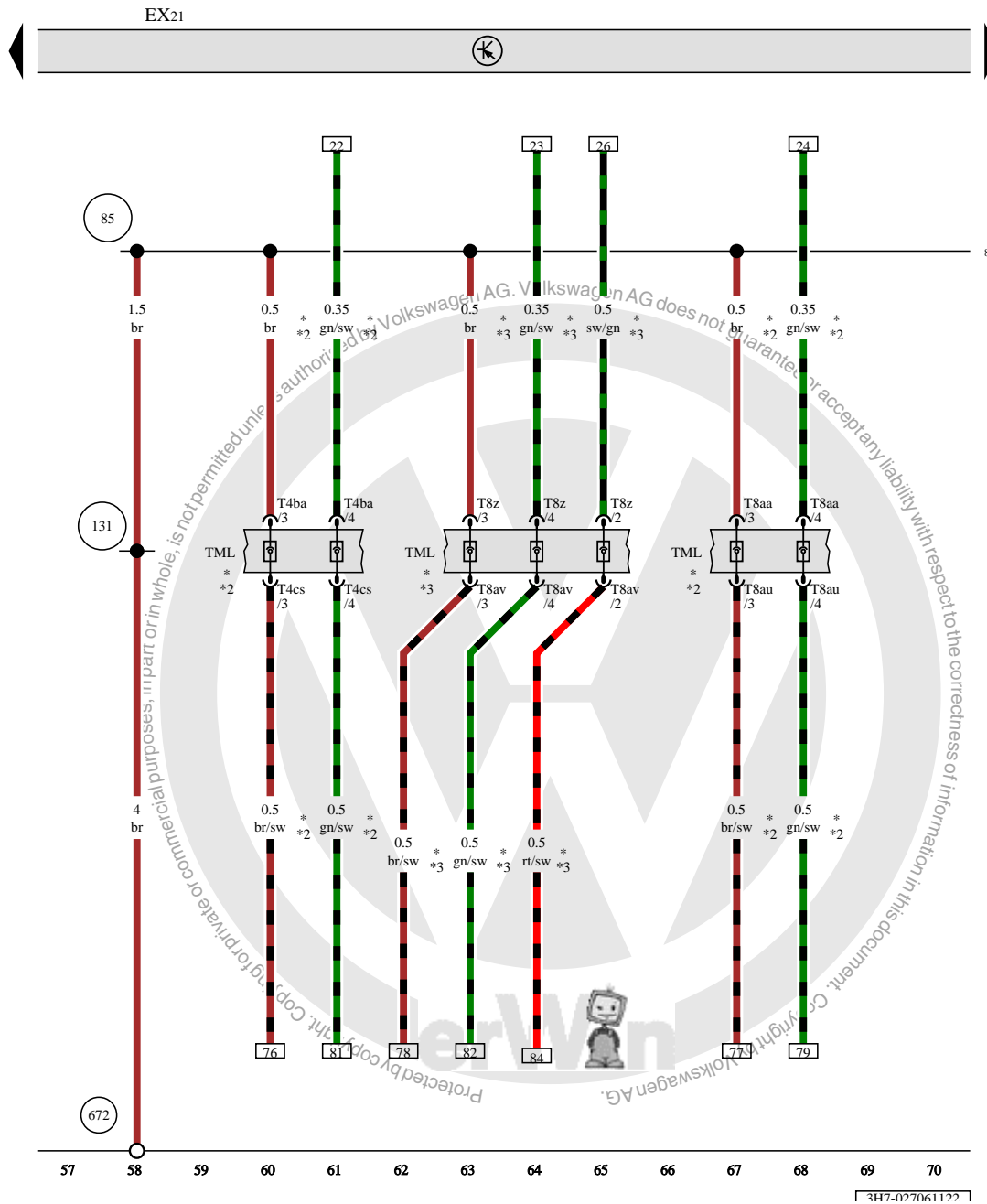
From March 2017

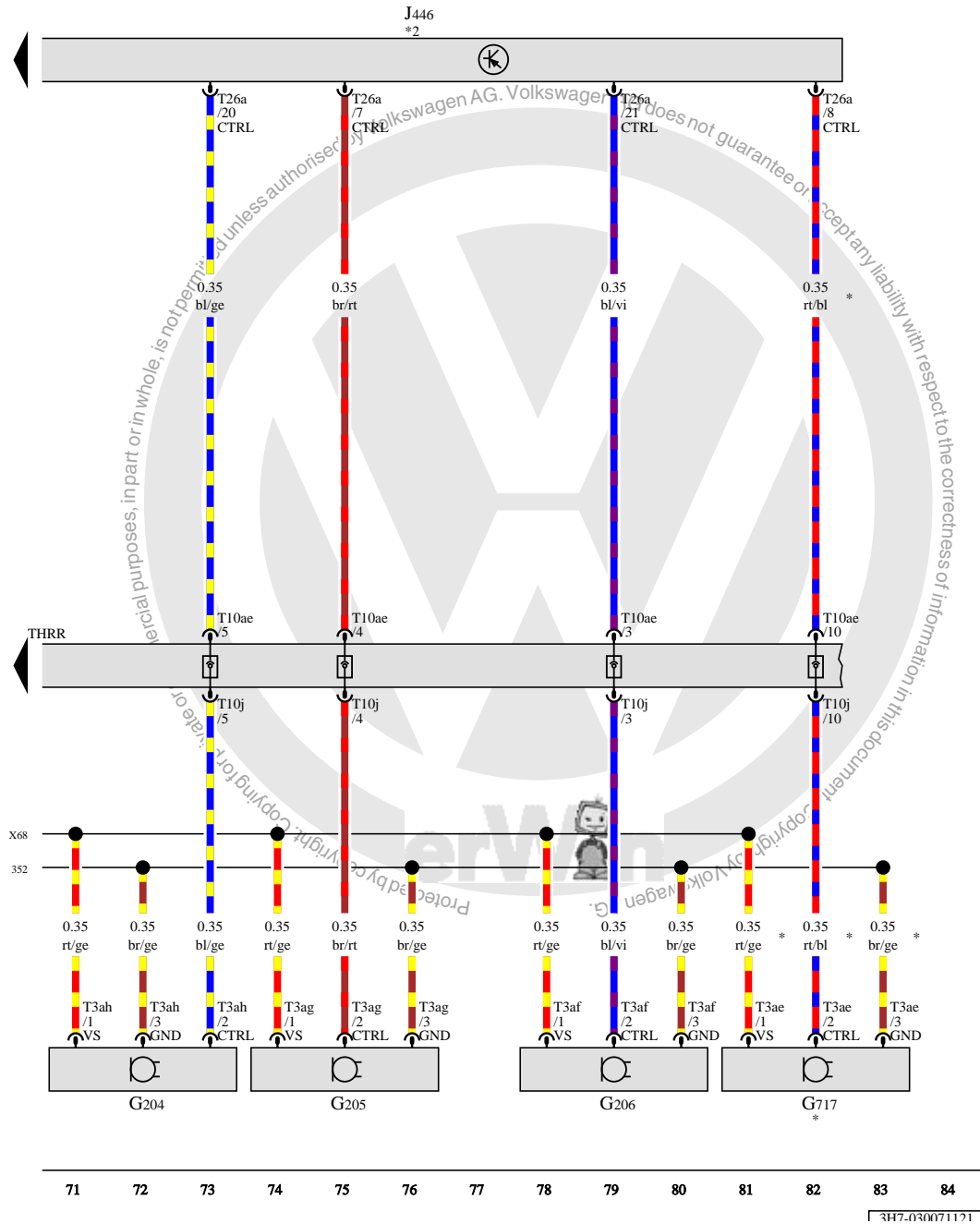


Heater and air conditioning controls

- EX21 Heater and air conditioning controls
- T4ba 4-pin connector, black
- T4cs 4-pin connector, black
- T8aa 8-pin connector, black
- T8au 8-pin connector, black
- T8av 8-pin connector, black
- T8z 8-pin connector, black
- TML Coupling point in engine compartment, left

- 85 Earth connection 1, in engine compartment wiring harness
- 131 Earth connection 2, in engine compartment wiring harness
- 672 Earth point 2, on front of left longitudinal member
- \* According to equipment
- \*2 For models with petrol engine
- \*3 For models with diesel engine





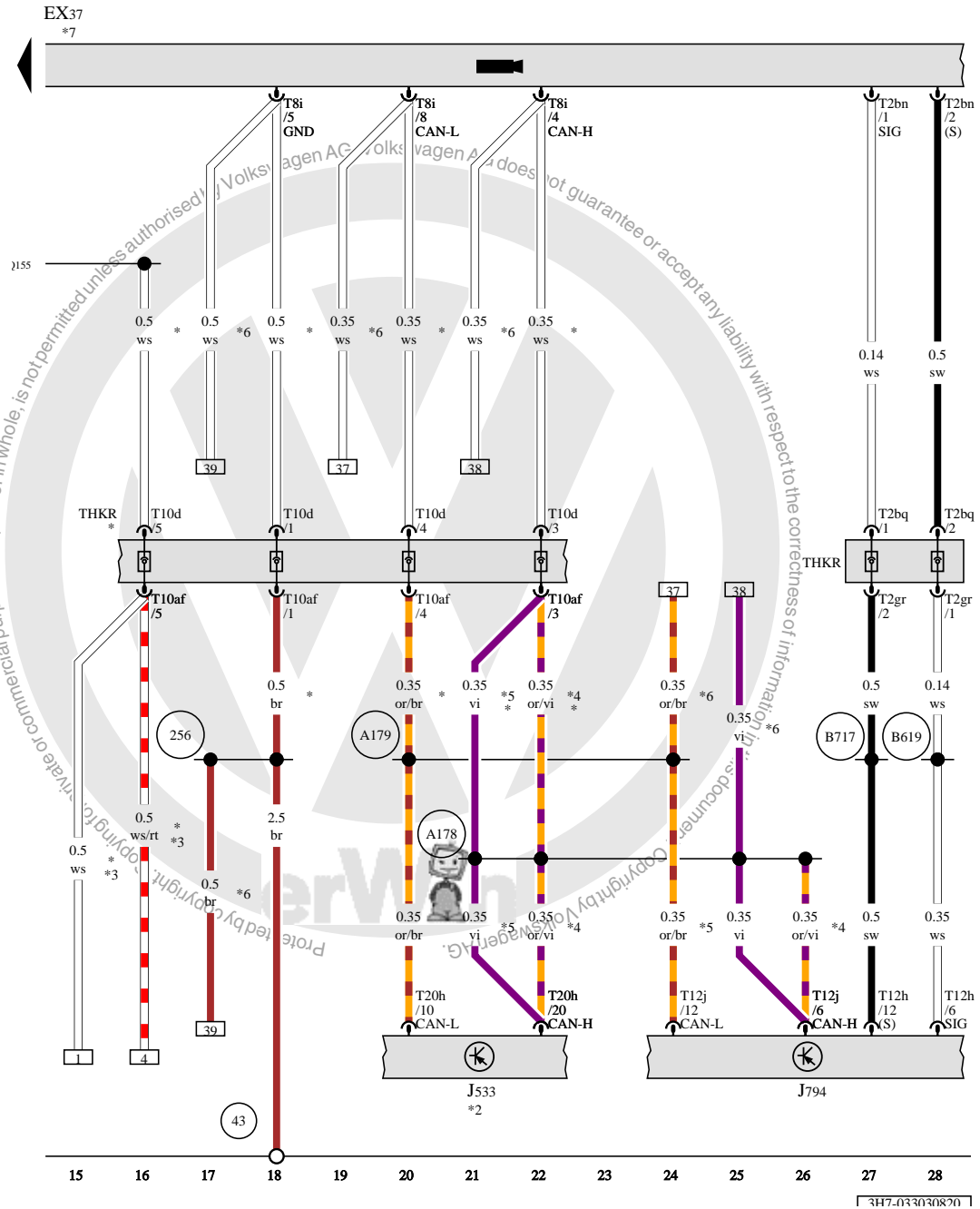
Rear centre left parking aid sender, Rear centre right parking aid sender, Rear right parking aid sender, Rear right park assist steering sender, Parking aid control unit

- G204 Rear centre left parking aid sender
- G205 Rear centre right parking aid sender
- G206 Rear right parking aid sender
- G717 Rear right park assist steering sender
- J446 Parking aid control unit
- T3ae 3-pin connector, black
- T3af 3-pin connector, black
- T3ag 3-pin connector, black
- T3ah 3-pin connector, black
- T10ae 10-pin connector, black
- T10j 10-pin connector, black
- T26a 26-pin connector, black
- THRR Coupling point in luggage compartment, right

- 352 Earth connection (parking aid), in rear bumper wiring harness
- X68 Positive connection (parking aid), in rear bumper wiring harness
- \* For models with park assist steering
- \*2 According to equipment

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Rear lid handle, Data bus diagnostic interface, Control unit 1 for information electronics



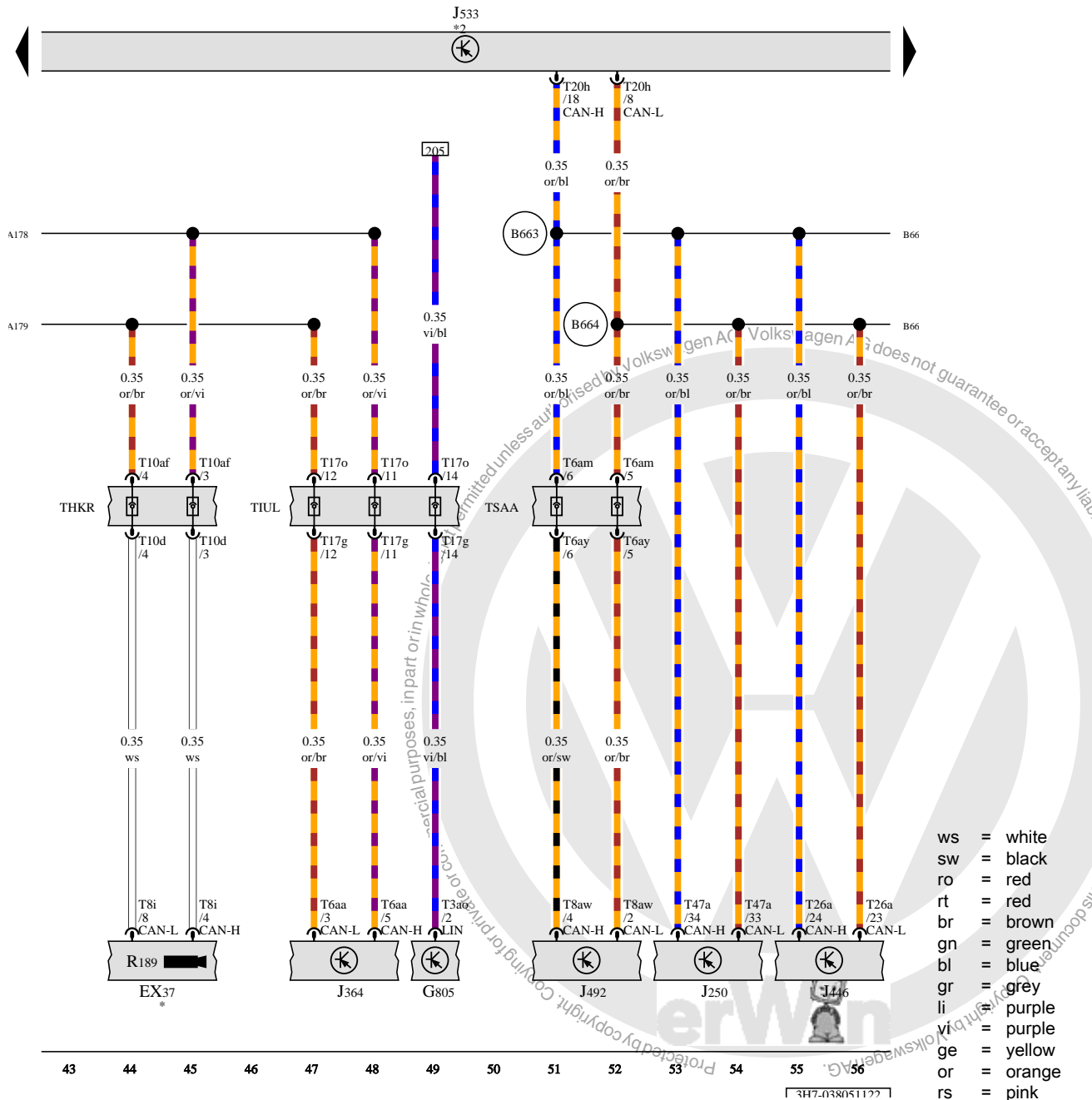
- EX37 Rear lid handle
- J533 Data bus diagnostic interface
- J794 Control unit 1 for information electronics
- T2bn 2-pin connector, grey
- T2bq 2-pin connector, green
- T2gr 2-pin connector, green
- T8i 8-pin connector, black
- T10af 10-pin connector, black
- T10d 10-pin connector, black
- T12h 12-pin connector, blue
- T12j 12-pin connector, grey
- T20h 20-pin connector, red
- THKR Coupling point on rear lid, right

- (43) Earth point, lower part of right A-pillar
- (256) Earth connection 2, in radio wiring harness
- (A178) Connection (infotainment CAN bus, high), in dash panel wiring harness
- (A179) Connection (infotainment CAN bus, low), in dash panel wiring harness
- (B619) Connection (parking aid), in interior wiring harness
- (B717) Connection (parking aid), in main wiring harness
- (Q155) Connection (30a), in rear lid wiring harness

- \* Saloon
- \*2 Different connector colour possible
- \*3 According to equipment
- \*4 Up to July 2018
- \*5 From July 2018
- \*6 Sportback
- \*7 Pre-wired component

- ws = white
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- li = purple
- vi = purple
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13H7-033030870



Rear lid handle, Pressure sender for refrigerant circuit, Electronically controlled damping control unit, Auxiliary heater control unit, Parking aid control unit, All-wheel drive control unit, Data bus diagnostic interface

- EX37 Rear lid handle
- G805 Pressure sender for refrigerant circuit
- J250 Electronically controlled damping control unit
- J364 Auxiliary heater control unit
- J446 Parking aid control unit
- J492 All-wheel drive control unit
- J533 Data bus diagnostic interface
- R189 Reversing camera
- T3ao 3-pin connector, black
- T6aa 6-pin connector, black
- T6am 6-pin connector, black
- T6ay 6-pin connector, black
- T8aw 8-pin connector, black
- T8i 8-pin connector, black
- T10af 10-pin connector, black
- T10d 10-pin connector, black
- T17g 17-pin connector, red
- T17o 17-pin connector, red
- T20h 20-pin connector, red
- T26a 26-pin connector, black
- T47a 47-pin connector, black
- THKR Coupling point on rear lid, right
- TIUL Coupling point in interior, below left
- TSAA Coupling point for all-wheel drive
- A178 Connection (infotainment CAN bus, high), in dash panel wiring harness
- A179 Connection (infotainment CAN bus, low), in dash panel wiring harness
- B663 Connection (running gear sensors CAN bus, high), in main wiring harness
- B664 Connection (running gear sensors CAN bus, low), in main wiring harness
- \* Pre-wired component
- \*2 Different connector colour possible

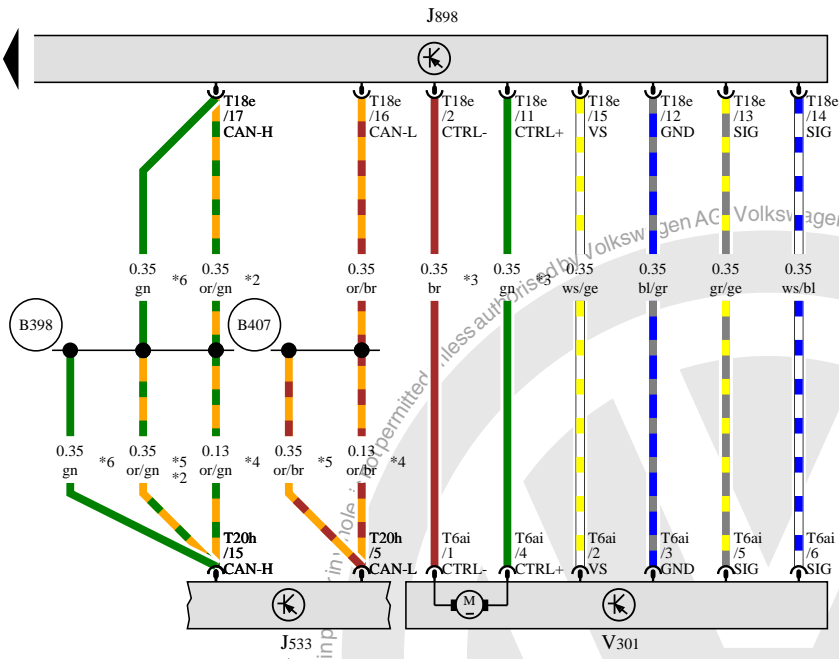
43 44 45 46

47 48 49 50

51 52 53

54 55 56

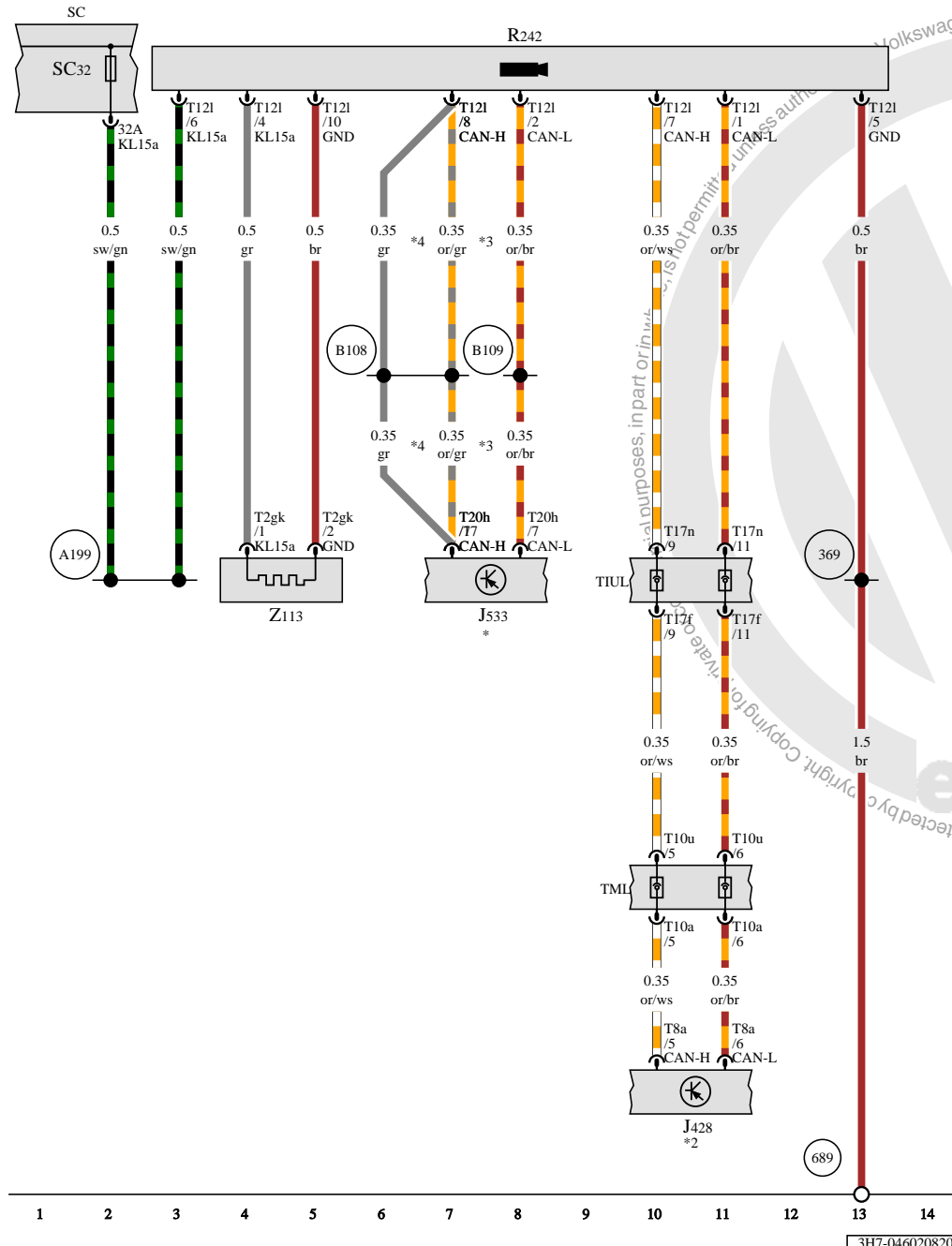
3H7-038051127



Data bus diagnostic interface, Control unit for head-up display, Open and close display motor

- J533 Data bus diagnostic interface
- J898 Control unit for head-up display
- T6ai 6-pin connector, black
- T18e 18-pin connector, colourless
- T20h 20-pin connector, red
- V301 Open and close display motor
- B398 Connection 2 (convenience CAN bus, high), in main wiring harness
- B407 Connection 2 (convenience CAN bus, low), in main wiring harness
- \* Different connector colour possible
- \*2 Up to July 2018
- \*3 Different wire colour possible
- \*4 Up to November 2017
- \*5 From November 2017
- \*6 From July 2018

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Adaptive cruise control unit, Data bus diagnostic interface, Front camera for driver assist systems, Fuse holder C, Windscreen heater for front sensors

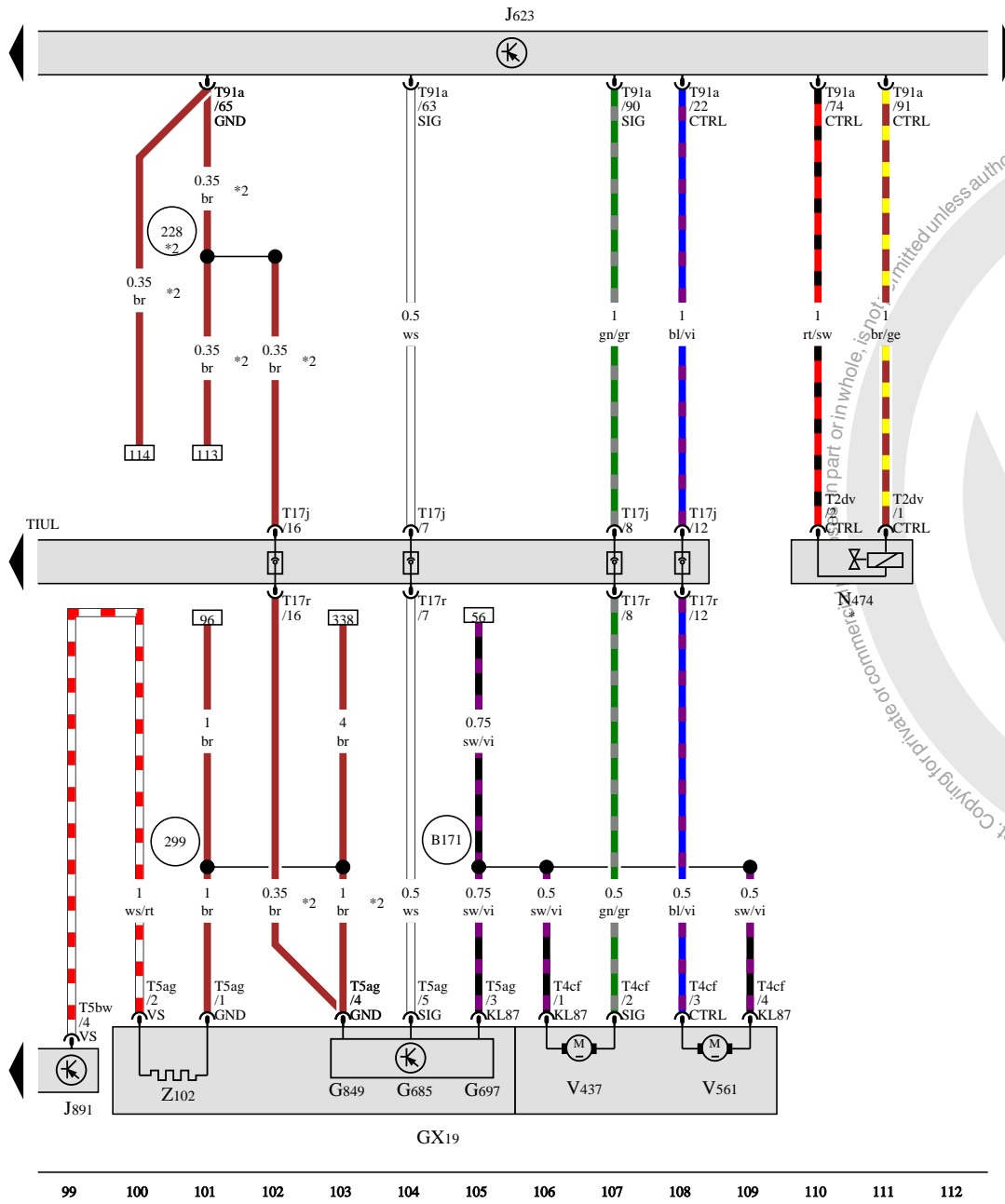
- J428 Adaptive cruise control unit
- J533 Data bus diagnostic interface
- R242 Front camera for driver assist systems
- SC Fuse holder C
- SC32 Fuse 32 on fuse holder C
- T2gk 2-pin connector, black
- T8a 8-pin connector, black
- T10a 10-pin connector, black
- T10u 10-pin connector, black
- T121 12-pin connector, black
- T17f 17-pin connector, brown
- T17n 17-pin connector, brown
- T20h 20-pin connector, red
- TIUL Coupling point in interior, below left
- TML Coupling point in engine compartment, left
- Z113 Windscreen heater for front sensors

- 369 Earth connection 4, in main wiring harness
- 689 Earth point, at front, central in roof
- A199 Positive connection 4 (15a) in dash panel wiring harness
- B108 Connection 1 (CAN bus extended high), in main wiring harness
- B109 Connection 1 (CAN bus extended low), in main wiring harness
- \* Different connector colour possible
- \*2 see applicable current flow diagram
- \*3 Up to July 2018
- \*4 From July 2018

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- bl = blue
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- vi = purple
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- or = orange
- rs = pink

1 2 3 4 5 6 7 8 9 10 11 12 13 14

3H7-046070870



Delivery unit for reducing agent metering system, Engine/motor control unit, Control unit for reducing agent heater, Injector for reducing agent

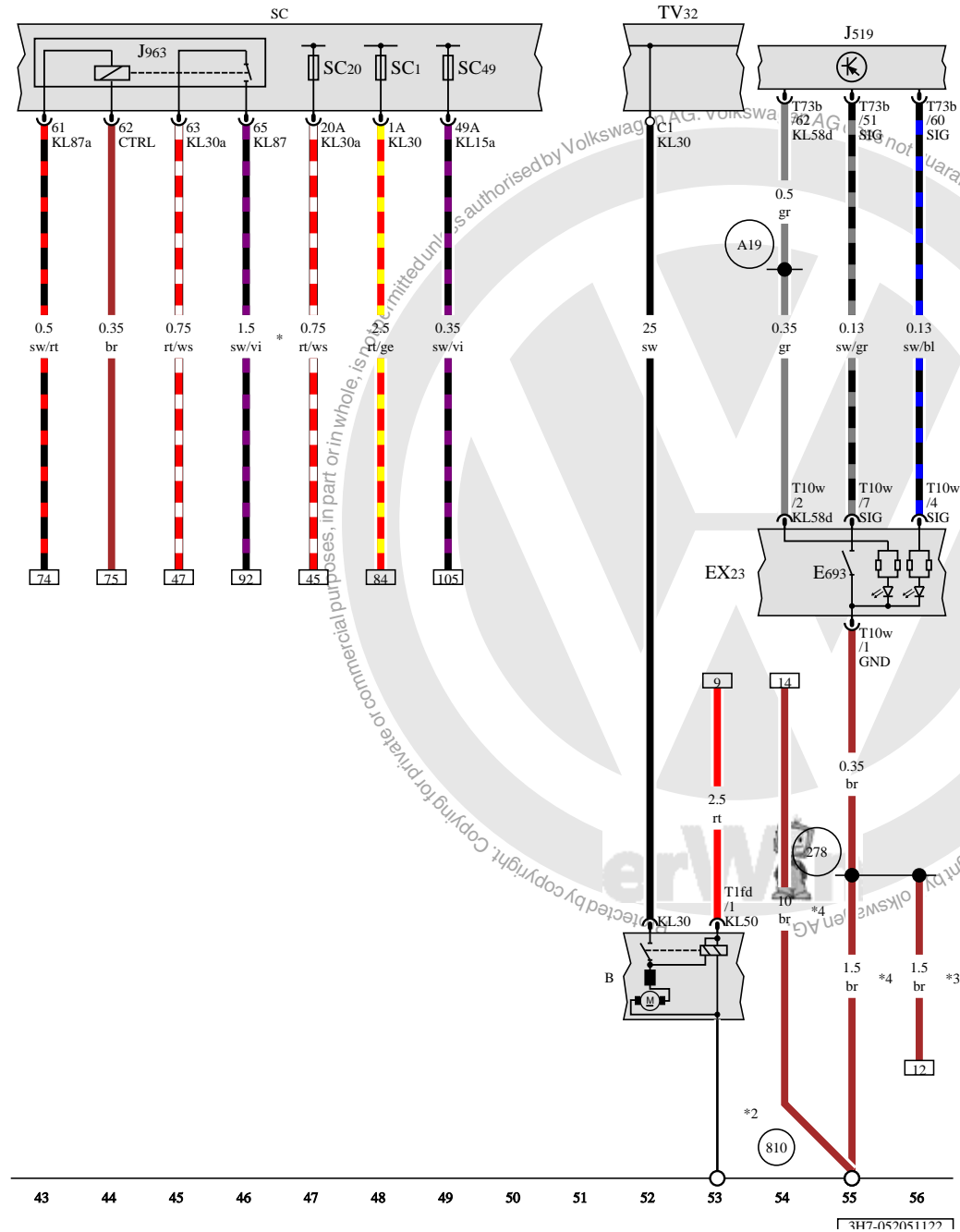
- GX19 Delivery unit for reducing agent metering system
- G685 Temperature sender for reducing agent
- G697 Reducing agent level sender
- G849 Reducing agent quality sensor
- J623 Engine/motor control unit
- J891 Control unit for reducing agent heater
- N474 Injector for reducing agent
- T2dv 2-pin connector, brown
- T4cf 4-pin connector, black
- T5ag 5-pin connector, black
- T5bw 5-pin connector, colourless
- T17j 17-pin connector, green
- T17r 17-pin connector, green
- T91a 91-pin connector, black
- TIUL Coupling point in interior, below left
- V437 Pump for reducing agent
- V561 Reducing agent return flow pump
- Z102 Heater for reducing agent tank (heater circuit 1)

- 228 Connection, in harness
- 299 Earth connection 14, in interior wiring harness
- B171 Positive connection 3 (30), in interior wiring harness
- \* Pre-wired component
- \*2 According to equipment

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

3H7-051091122

Starter, Switch module 1 in centre console, Onboard supply control unit, Relay for reducing agent metering system, Fuse holder C, Jump start connection



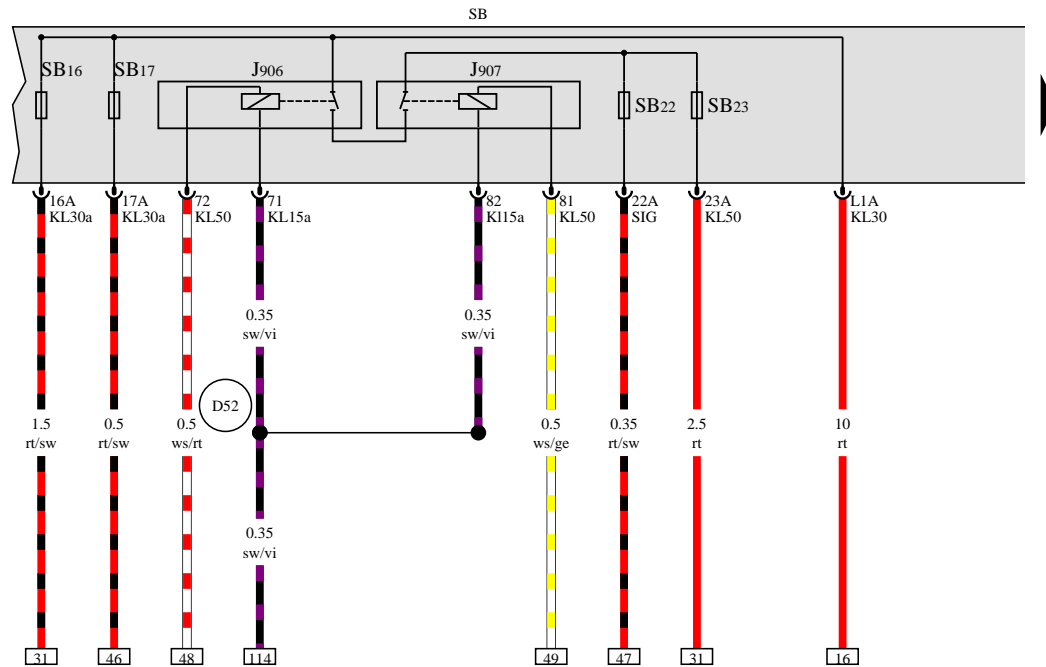
- B Starter
- EX23 Switch module 1 in centre console
- E693 Start/stop operation button
- J519 Onboard supply control unit
- J963 Relay for reducing agent metering system
- SC Fuse holder C
- SC1 Fuse 1 on fuse holder C
- SC20 Fuse 20 on fuse holder C
- SC49 Fuse 49 on fuse holder C
- T1fd 1-pin connector, black
- T10w 10-pin connector, black
- T73b 73-pin connector, black
- TV32 Jump start connection

- (278) Earth connection 4, in interior wiring harness
- (810) Earth point on central tube for dash panel, centre left
- (A19) Connection (58d), in dash panel wiring harness
- \* Cross section depends on equipment
- \*2 Earth supply via housing
- \*3 For right-hand drive models
- \*4 For left-hand drive models

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

43 44 45 46 47 48 49 50 51 52 53 54 55 56

3H7-057051122



Starter relay 1, Starter relay 2, Fuse holder B

- J906 Starter relay 1
- J907 Starter relay 2
- SB Fuse holder B
- SB16 Fuse 16 on fuse holder B
- SB17 Fuse 17 on fuse holder B
- SB22 Fuse 22 on fuse holder B
- SB23 Fuse 23 on fuse holder B
- D52 Positive connection (15a), in engine compartment wiring harness



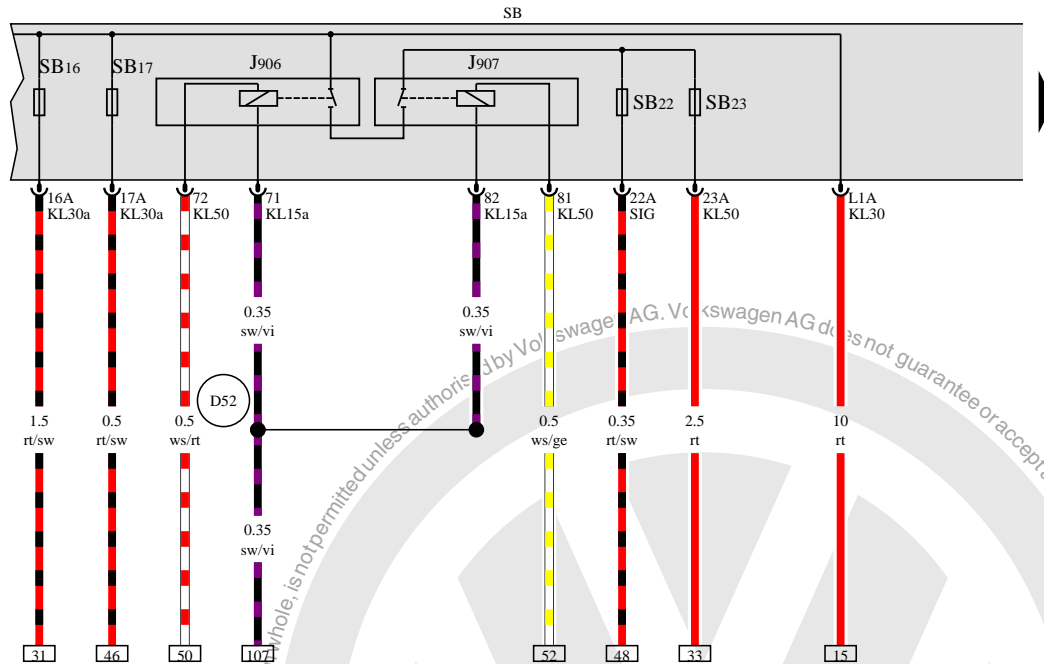
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- sw = black
- ro = red
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- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

1 2 3 4 5 6 7 8 9 10 11 12 13 14

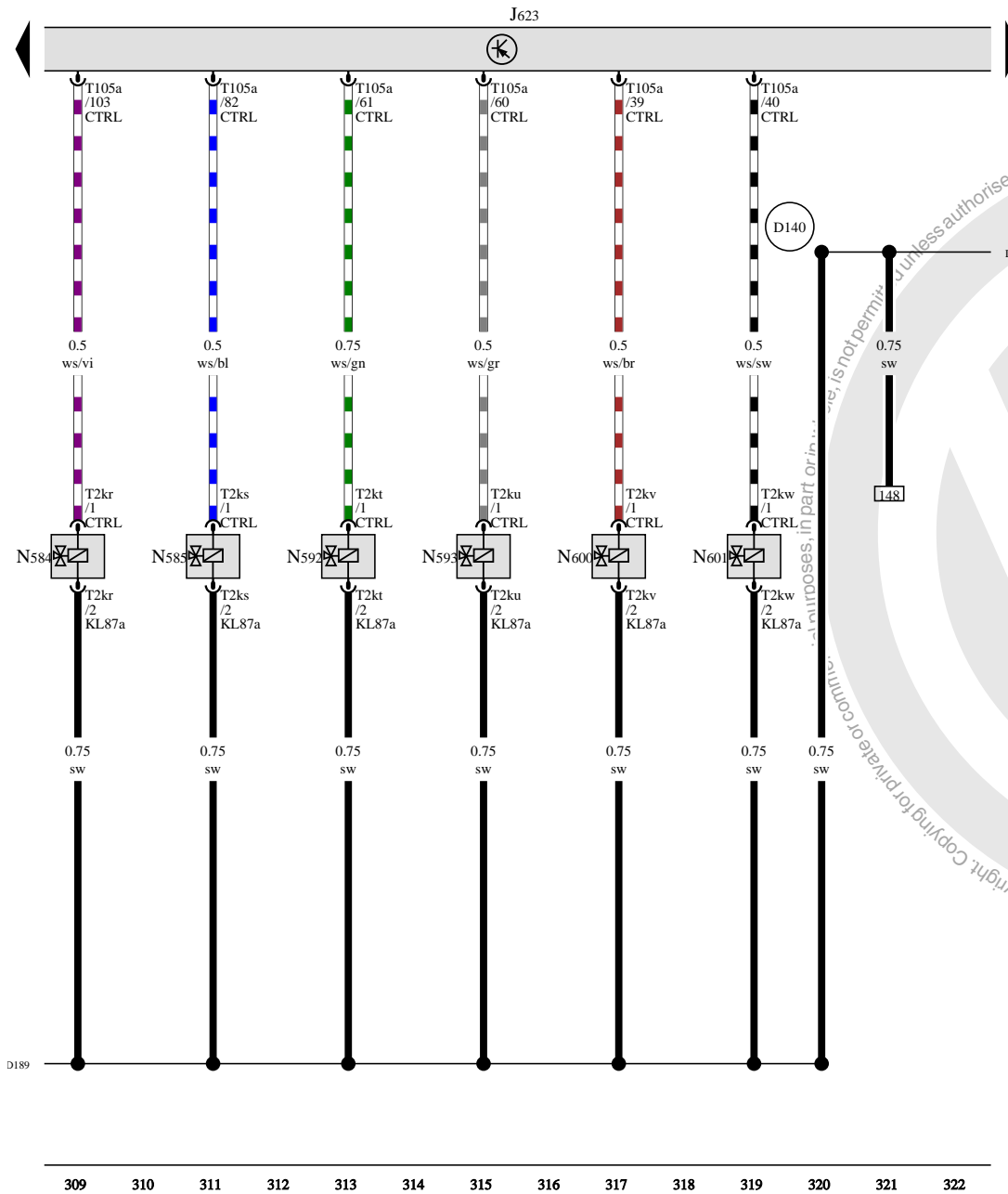
3H7.053071122

Starter relay 1, Starter relay 2, Fuse holder B

- J906 Starter relay 1
- J907 Starter relay 2
- SB Fuse holder B
- SB16 Fuse 16 on fuse holder B
- SB17 Fuse 17 on fuse holder B
- SB22 Fuse 22 on fuse holder B
- SB23 Fuse 23 on fuse holder B
- (D52) Positive connection (15a), in engine compartment wiring harness



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- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
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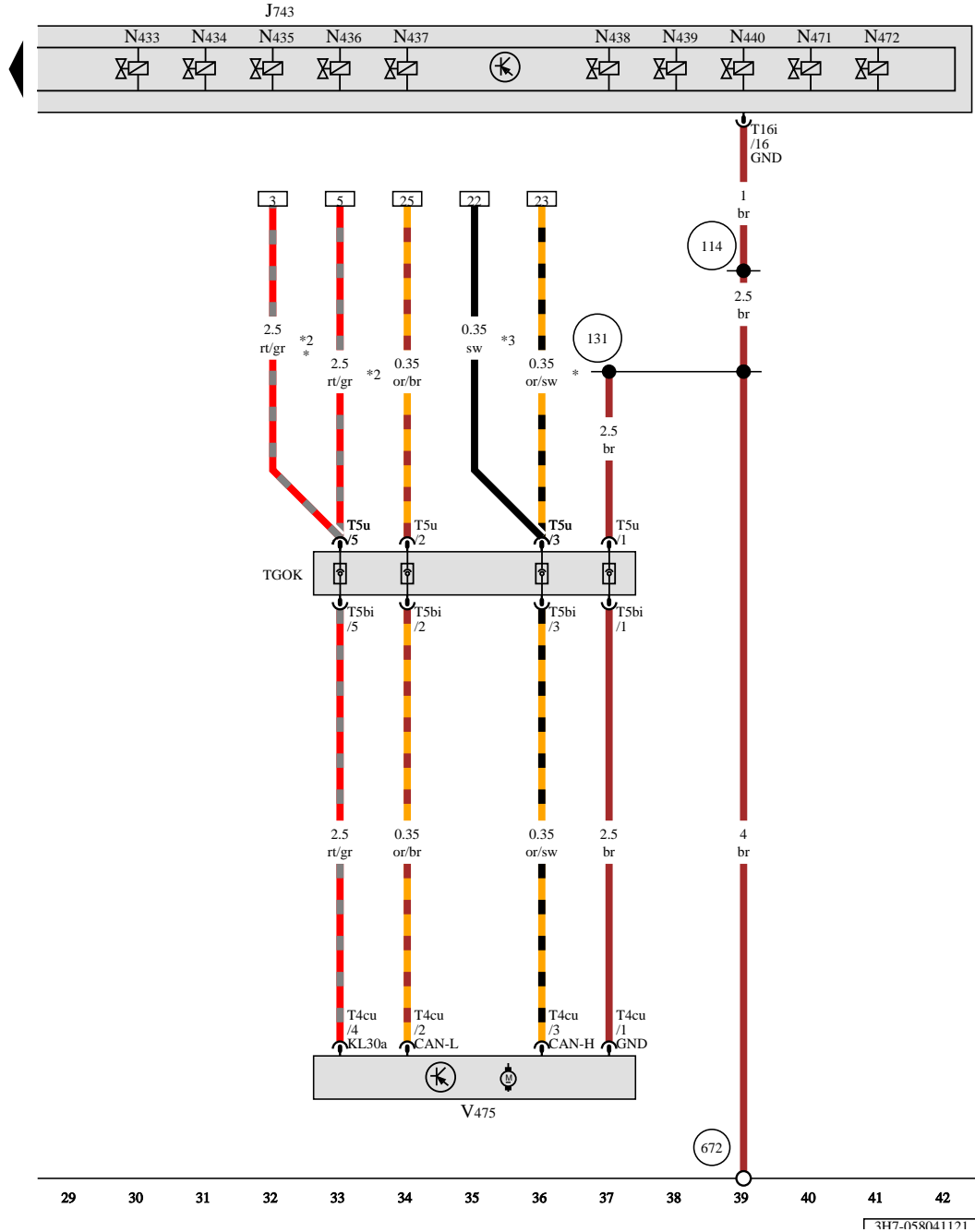
Engine/motor control unit, Inlet cam actuator A for cylinder 2, Inlet cam actuator B for cylinder 2, Inlet cam actuator A for cylinder 3, Inlet cam actuator B for cylinder 3, Inlet cam actuator A for cylinder 4, Inlet cam actuator B for cylinder 4

- J623 Engine/motor control unit
- 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
- T2kr 2-pin connector, black
- T2ks 2-pin connector, black
- T2kt 2-pin connector, black
- T2ku 2-pin connector, black
- T2kv 2-pin connector, black
- T2kw 2-pin connector, black
- T105a 105-pin connector, black

- D140 Connection (injectors), in engine prewiring harness
- D189 Connection (87a) in engine prewiring harness

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

3H7-054241122

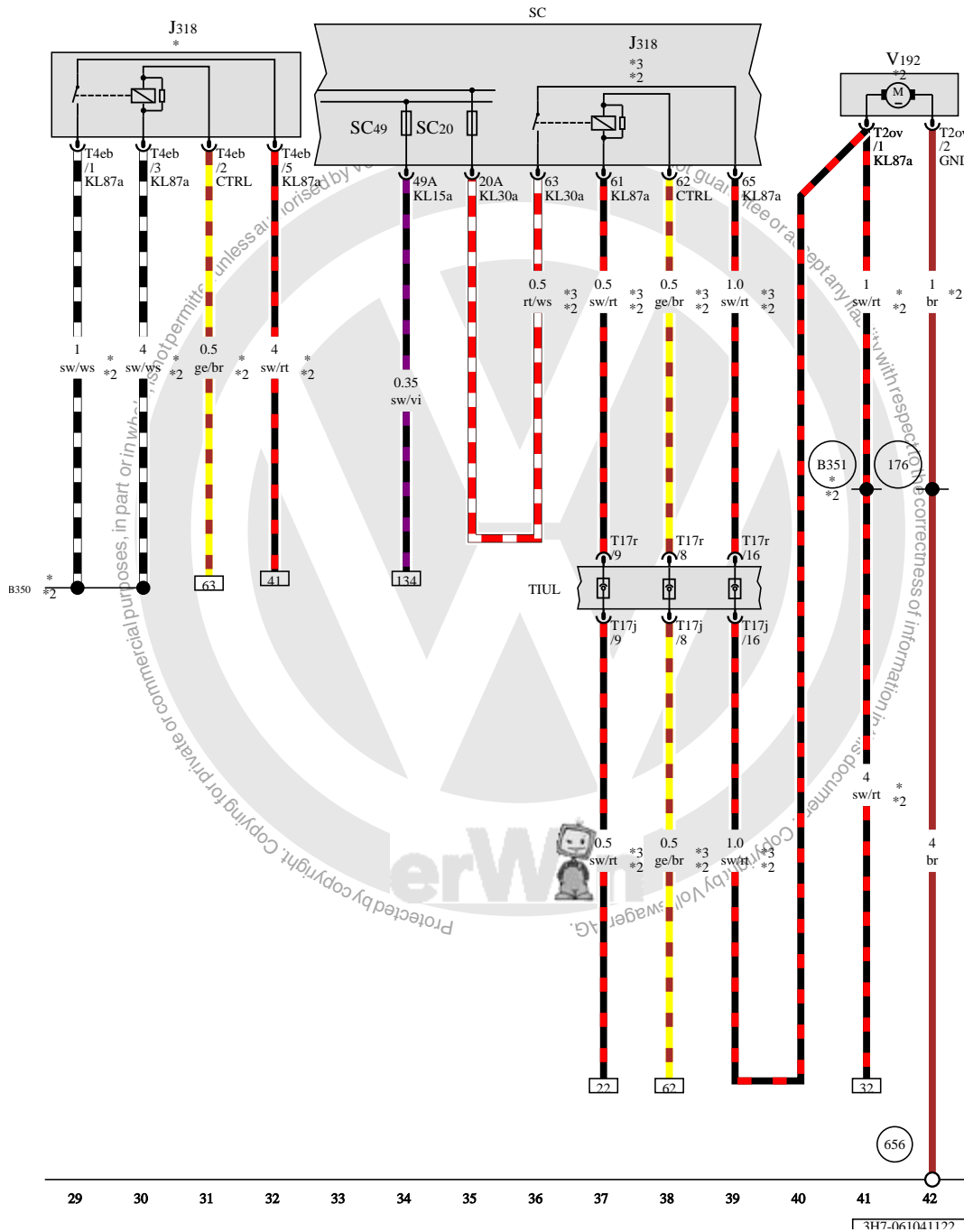


**Mechatronic unit for dual clutch gearbox, Auxiliary hydraulic pump 1 for gearbox oil**

- J743 Mechatronic unit for dual clutch gearbox
- 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
- N438 Valve 2 in gear train half 2
- N439 Valve 3 in gear train half 2
- N440 Valve 4 in gear train half 2
- N471 Cooling oil valve
- N472 Main pressure valve
- T4cu 4-pin connector, black
- T5bi 5-pin connector, black
- T5u 5-pin connector, black
- T16i 16-pin connector, black
- TGOK Coupling point for gearbox oil cooling
- V475 Auxiliary hydraulic pump 1 for gearbox oil

- 114 Earth connection, in automatic gearbox wiring harness
- 131 Earth connection 2, in engine compartment wiring harness
- 672 Earth point 2, on front of left longitudinal member
- \* Up to July 2018
- \*2 According to equipment
- \*3 From July 2018

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- bl = blue
- gr = grey
- li = purple
- vi = purple
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- rs = pink

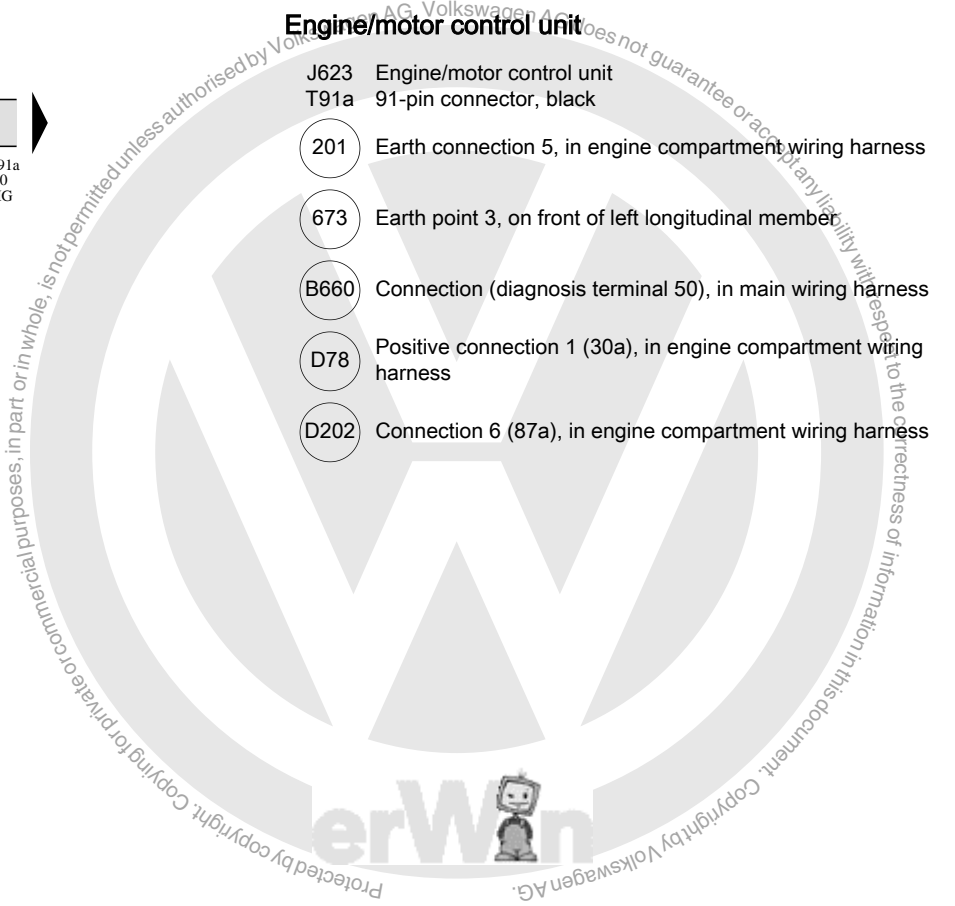
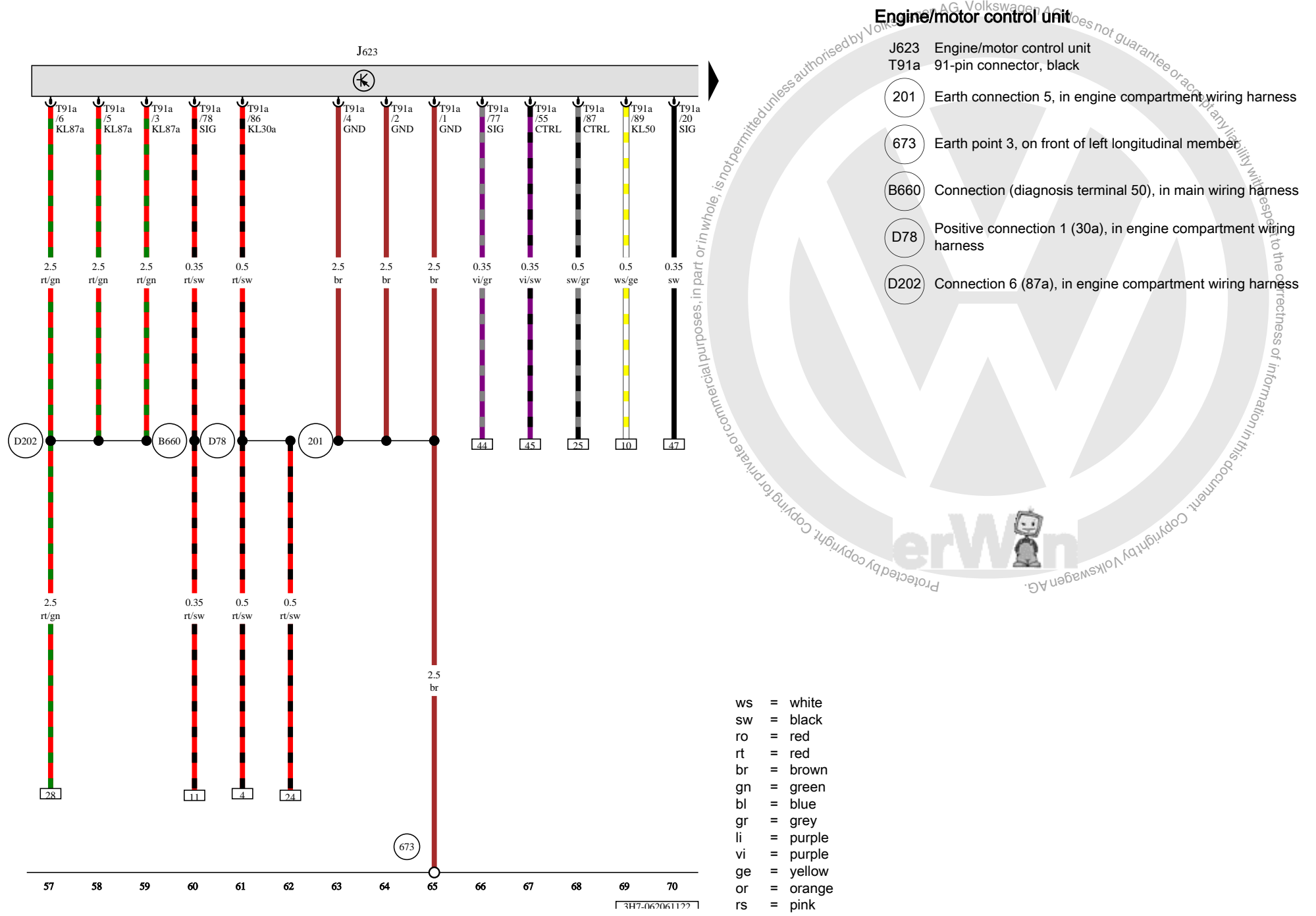


Vacuum pump relay, Fuse holder C, Vacuum pump for brakes

- J318 Vacuum pump relay
- SC Fuse holder C
- SC20 Fuse 20 on fuse holder C
- SC49 Fuse 49 on fuse holder C
- T2ov 2-pin connector, black
- T4eb 4-pin connector, black
- T17j 17-pin connector, green
- T17r 17-pin connector, green
- TIUL Coupling point in interior, below left
- V192 Vacuum pump for brakes

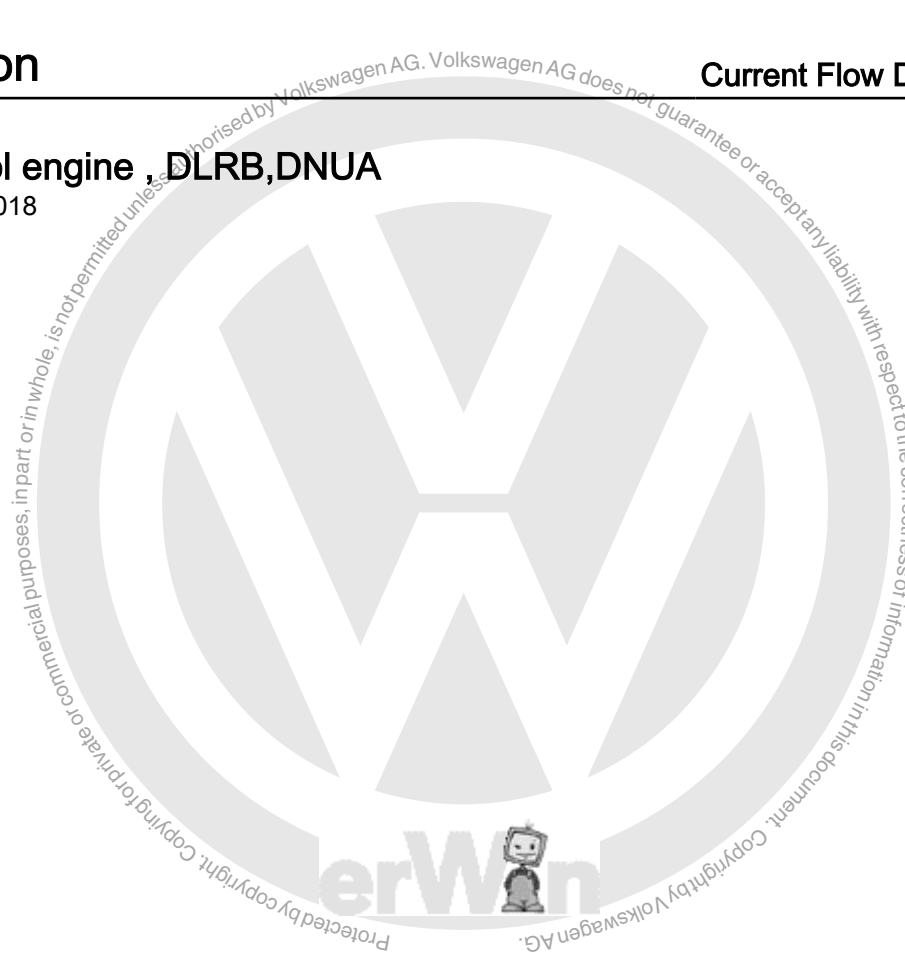
- 176 Earth connection, in right headlight wiring harness
- 656 Earth point, on right headlight
- B350 Positive connection 1 (87a) in main wiring harness
- B351 Positive connection 2 (87a) in main wiring harness
- \* Up to July 2018
- \*2 According to equipment
- \*3 From July 2018

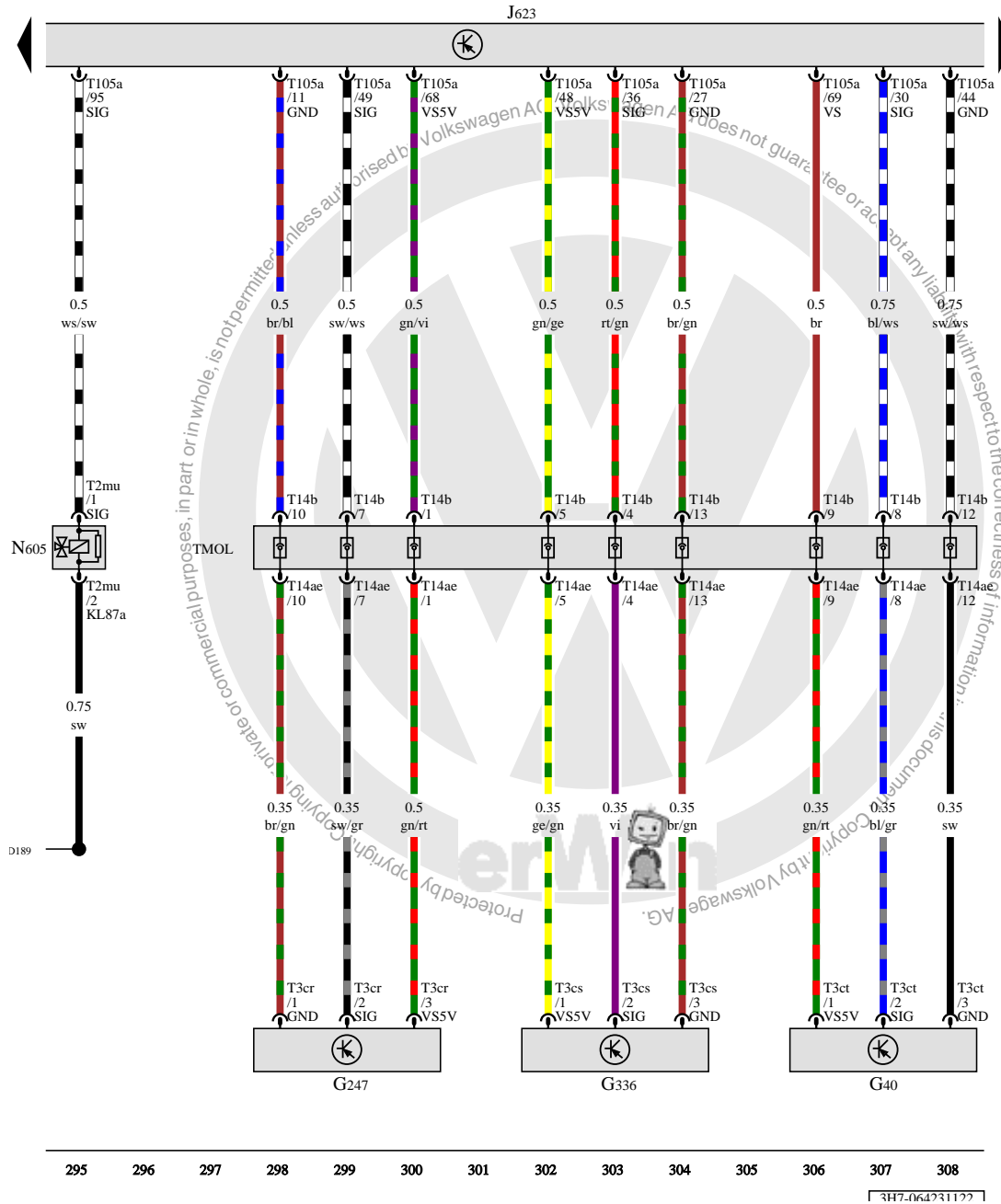
- ws = white
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- vi = purple
- ge = yellow
- or = orange
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**2.0l petrol engine , DLRB,DNUA**

From April 2018

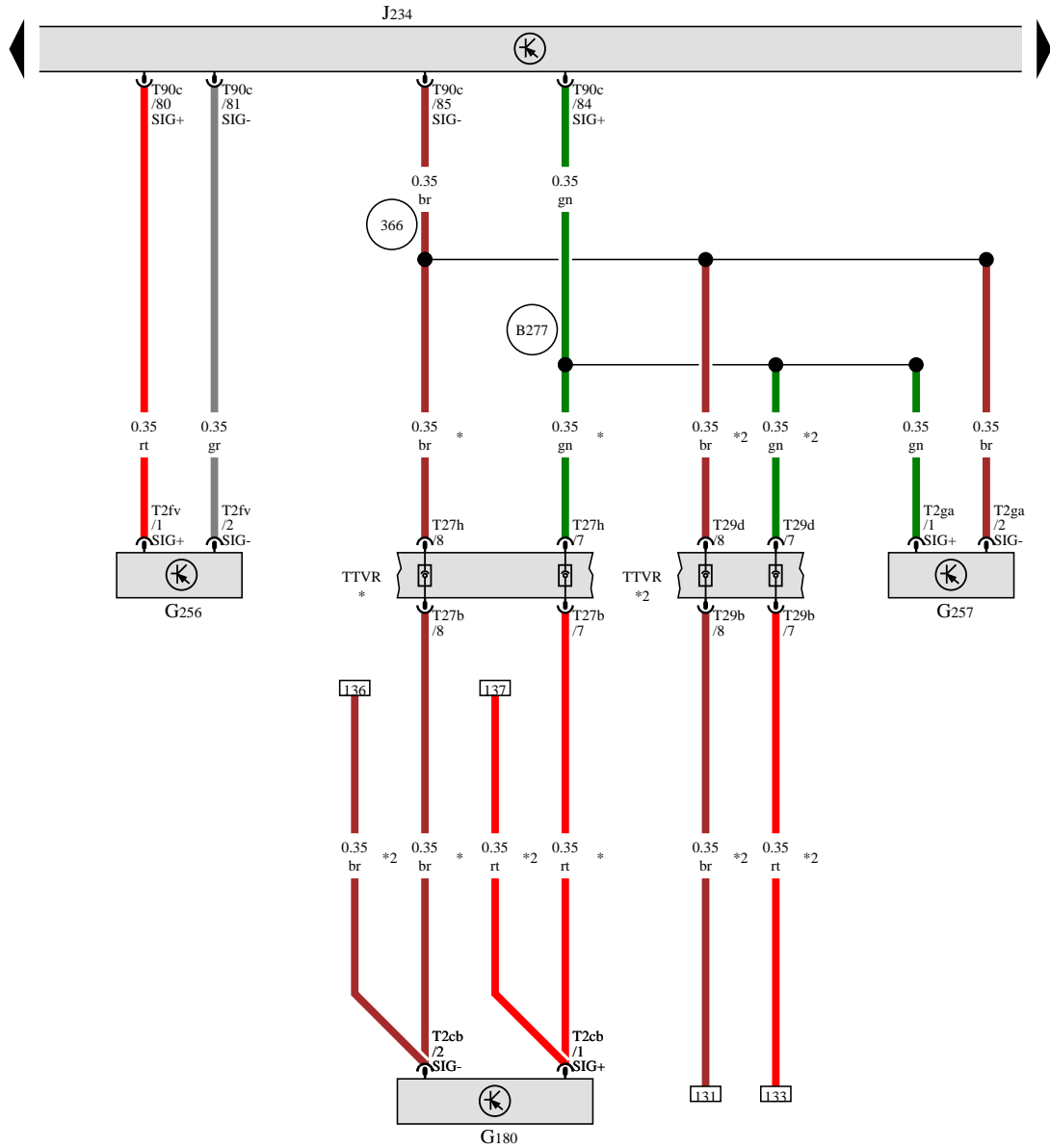




Hall sender, Fuel pressure sender, Intake manifold flap potentiometer, Engine/motor control unit, Exhaust cam actuator B for cylinder 4

- G40 Hall sender
- G247 Fuel pressure sender
- G336 Intake manifold flap potentiometer
- J623 Engine/motor control unit
- N605 Exhaust cam actuator B for cylinder 4
- T2mu 2-pin connector, black
- T3cr 3-pin connector, black
- T3cs 3-pin connector, black
- T3ct 3-pin connector, black
- T14ae 14-pin connector, black
- T14b 14-pin connector, black
- T105a 105-pin connector, black
- TMOL Coupling point on engine, top left

(D189) Connection (87a) in engine prewiring harness



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

- G180 Side airbag crash sensor on front passenger side
- G256 Rear side airbag crash sensor on driver side
- G257 Rear side airbag crash sensor on passenger side
- J234 Airbag control unit
- T2cb 2-pin connector, yellow
- T2fv 2-pin connector, yellow
- T2ga 2-pin connector, yellow
- T27b 27-pin connector, black
- T27h 27-pin connector, black
- T29b 29-pin connector, white
- T29d 29-pin connector, white
- T90c 90-pin connector, yellow
- TTVR Coupling point for front right door

366 Earth connection 1, in main wiring harness

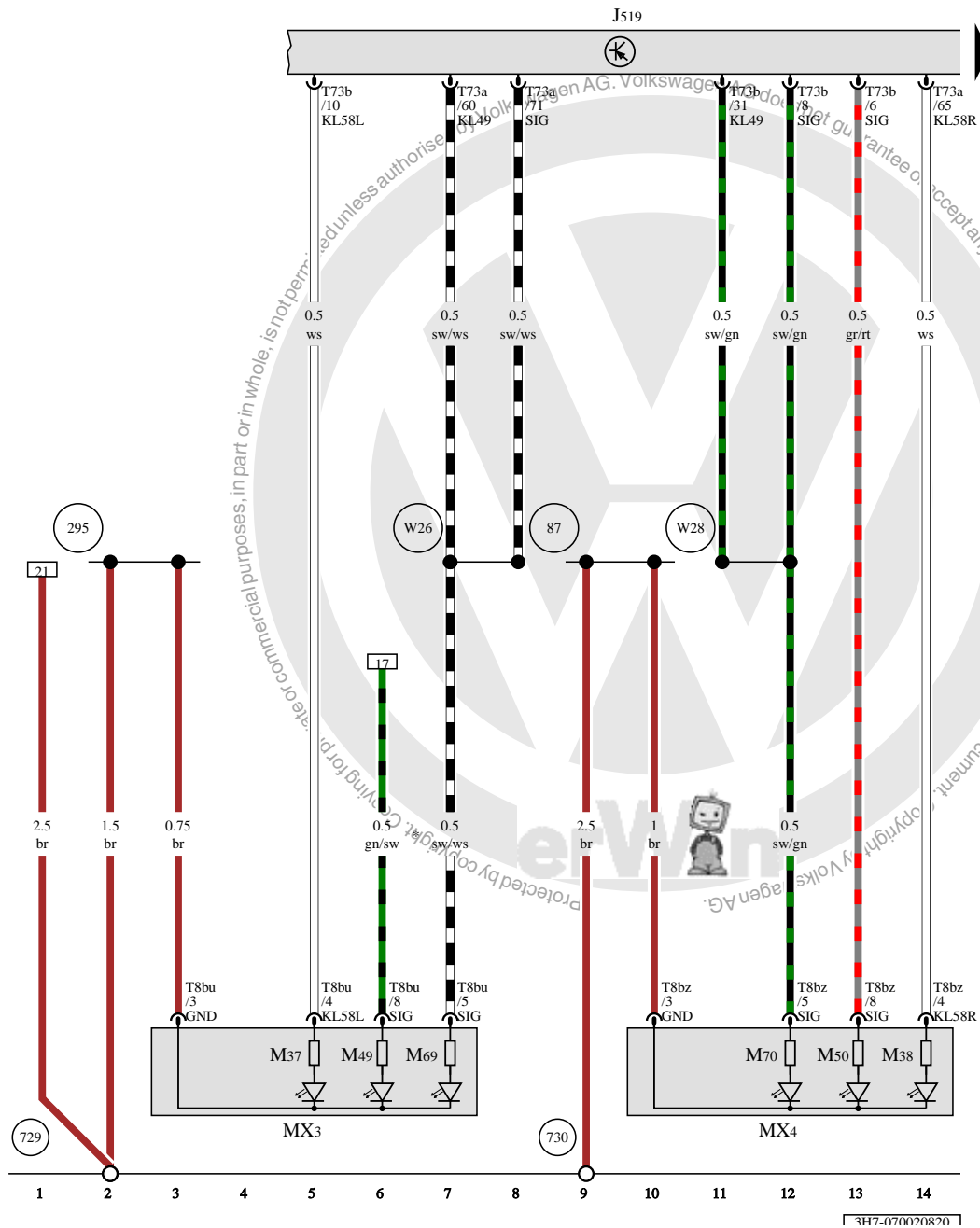
B277 Positive connection 1 (15a) in main wiring harness

\* For models with no overhead view camera  
 \*2 For models with overhead view camera

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

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

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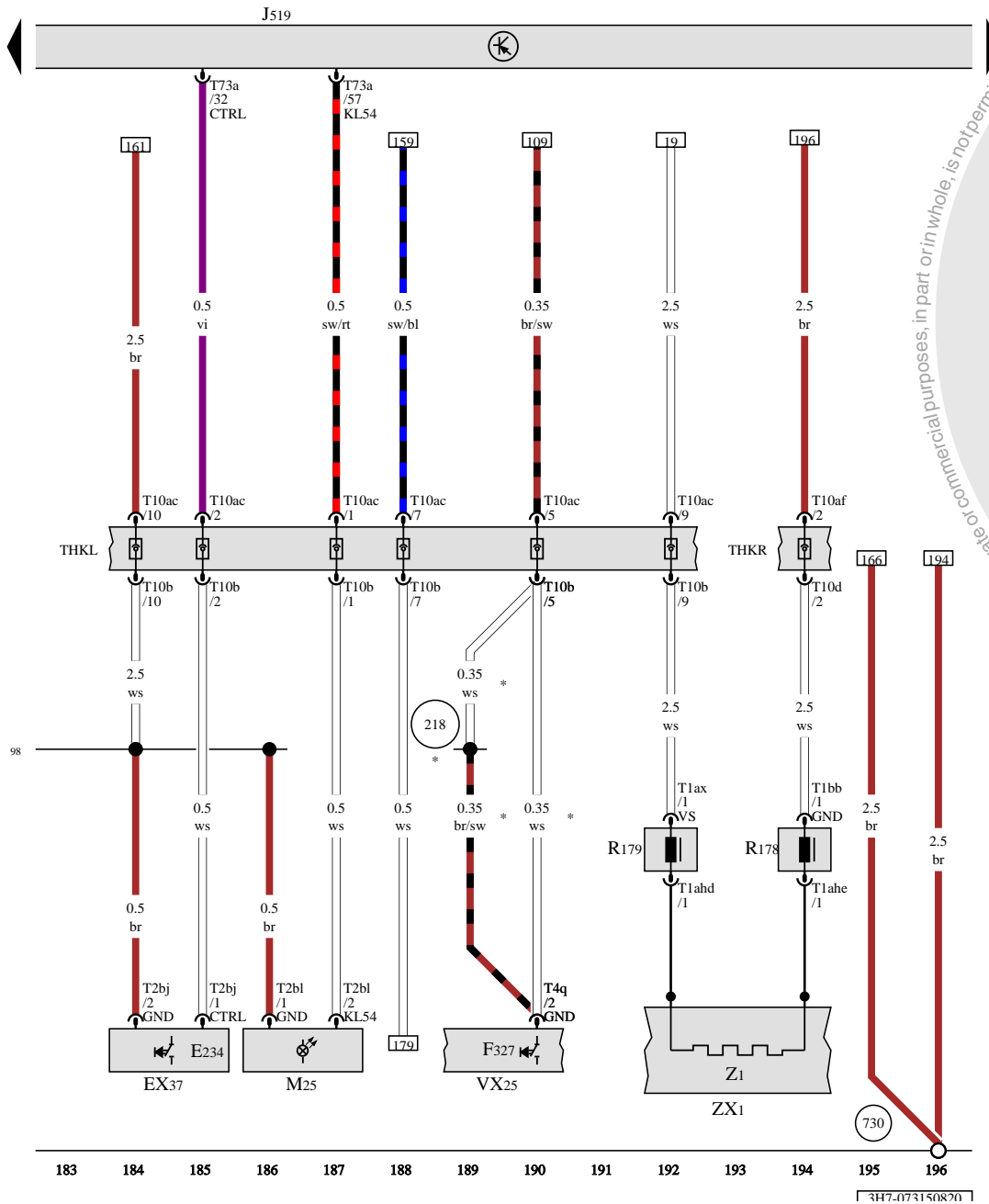
Onboard supply control unit, Left tail light cluster, Right tail light cluster, Rear left side marker bulb, Rear right side marker bulb, Left tail light bulb 2, Right tail light bulb 2, Left brake, turn signal and tail light bulb, Right brake, turn signal and tail light bulb

- J519 Onboard supply control unit
- MX3 Left tail light cluster
- MX4 Right tail light cluster
- M37 Rear left side marker bulb
- M38 Rear right side marker bulb
- M49 Left tail light bulb 2
- M50 Right tail light bulb 2
- M69 Left brake, turn signal and tail light bulb
- M70 Right brake, turn signal and tail light bulb
- T8bu 8-pin connector, blue
- T8bz 8-pin connector, blue
- T73a 73-pin connector, black
- T73b 73-pin connector, black

- (87) Earth connection 2, in rear wiring harness
- (295) Earth connection 10, in interior wiring harness
- (729) Earth point, on left rear wheel housing
- (730) Earth point 1, on right rear wheel housing
- (W26) Positive connection (54), in tail light cluster wiring harness
- (W28) Positive connection 2 (54), in tail light cluster wiring harness

\* According to equipment

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- gn = green
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- ge = yellow
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- rs = pink

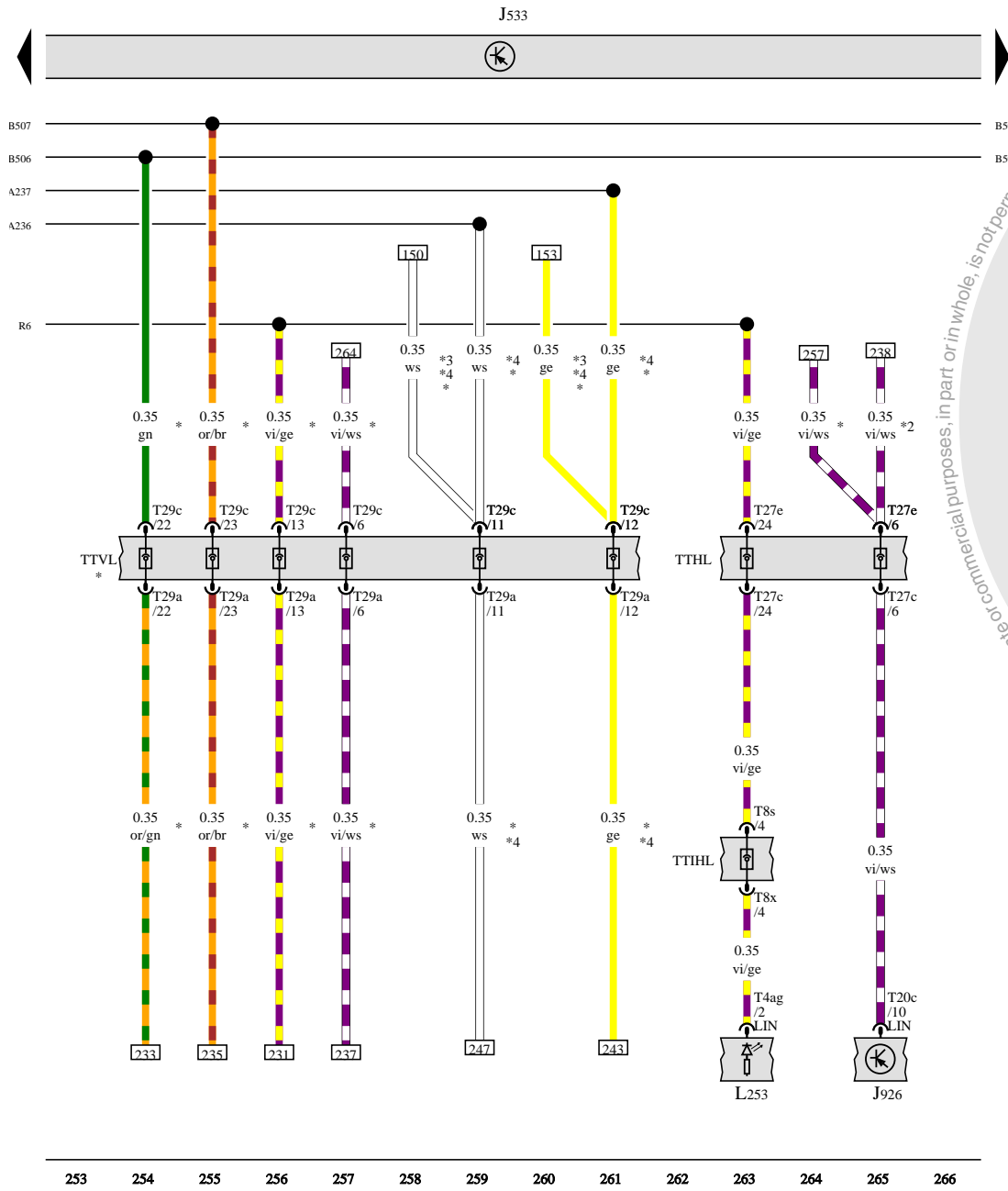


Rear lid handle, Onboard supply control unit, High-level brake light bulb, Frequency modulation (FM) frequency filter in negative wire, Frequency modulation (FM) frequency filter in positive wire, Rear lid lock unit, Rear window

- EX37 Rear lid handle
- E234 Rear lid handle release button
- F327 Central locking rear lid lock unit
- J519 Onboard supply control unit
- M25 High-level brake light bulb
- R178 Frequency modulation (FM) frequency filter in negative wire
- R179 Frequency modulation (FM) frequency filter in positive wire
- T1ahd 1-pin connector, black
- T1ahe 1-pin connector, black
- T1ax 1-pin connector, black
- T1bb 1-pin connector, black
- T2bj 2-pin connector, black
- T2bl 2-pin connector, black
- T4q 4-pin connector, black
- T10ac 10-pin connector, black
- T10af 10-pin connector, black
- T10b 10-pin connector, black
- T10d 10-pin connector, black
- T73a 73-pin connector, black
- THKL Coupling point on rear lid, left
- THKR Coupling point on rear lid, right
- VX25 Rear lid lock unit
- Z1 Heated rear window
- ZX1 Rear window

- 98 Earth connection, in rear lid wiring harness
- 218 Earth connection 1, in rear lid wiring harness
- 730 Earth point 1, on right rear wheel housing
- \* According to equipment

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Data bus diagnostic interface, Rear driver side door control unit, Light for rear left door contour lighting

- J533 Data bus diagnostic interface
- J926 Rear driver side door control unit
- L253 Light for rear left door contour lighting
- T4ag 4-pin connector, black
- T8s 8-pin connector, black
- T8x 8-pin connector, black
- T20c 20-pin connector, black
- T27c 27-pin connector, black
- T27e 27-pin connector, black
- T29a 29-pin connector, white
- T29c 29-pin connector, white
- TTJHL Coupling point for rear left door
- TTIVL Coupling point in rear left door
- TTVL Coupling point for front left door

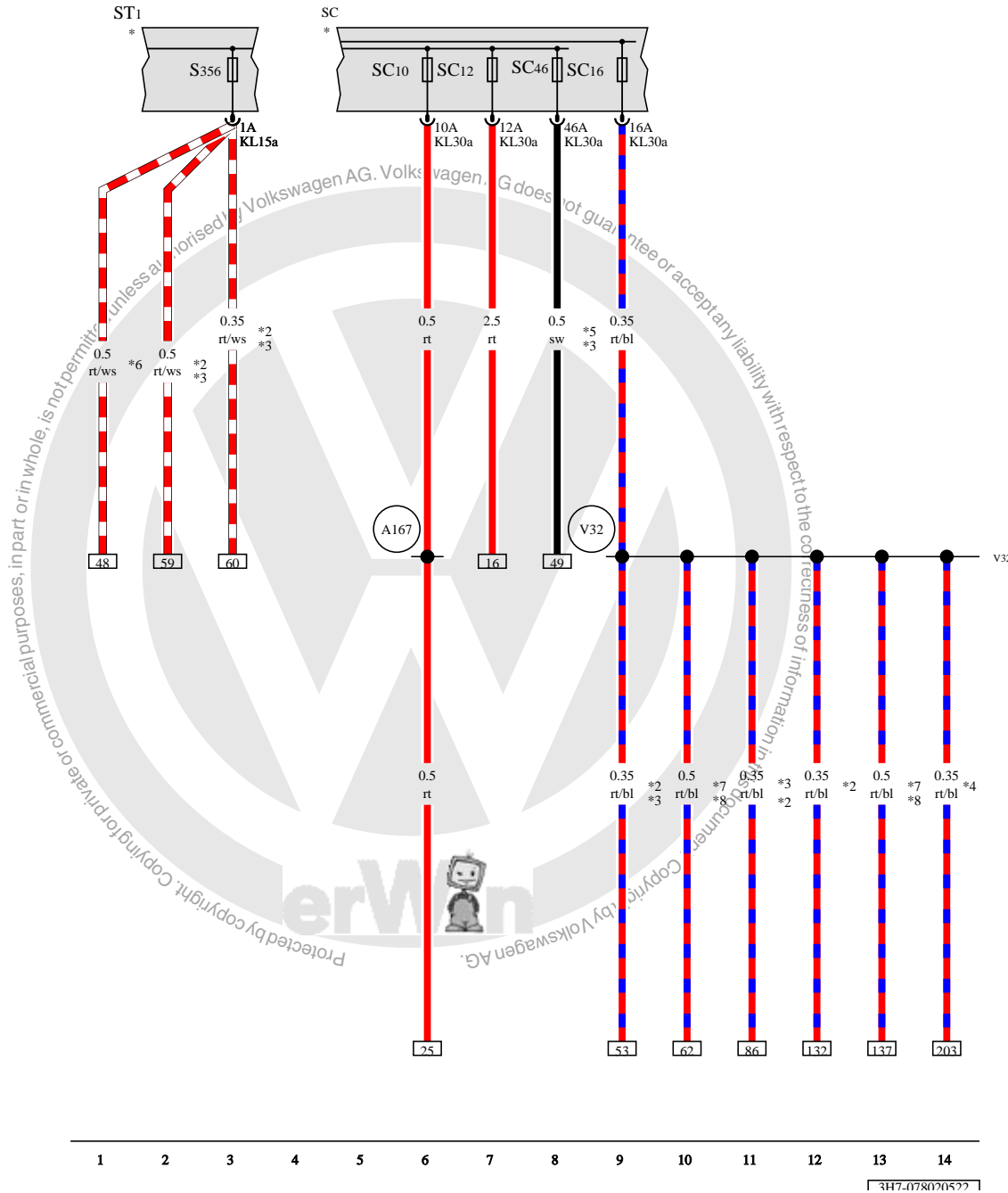
- (A236) Connection 1 (powertrain CAN bus, high), in dash panel wiring harness
- (A237) Connection 1 (powertrain CAN bus, low), in dash panel wiring harness
- (B506) Connection (convenience CAN bus, high), in interior wiring harness
- (B507) Connection (convenience CAN bus, low), in interior wiring harness
- (R6) Positive connection 1, in interior light wiring harness
- \* For models with overhead view camera
- \*2 For models with no overhead view camera
- \*3 For left-hand drive models
- \*4 For models with near field communication

- 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

253 254 255 256 257 258 259 260 261 262 263 264 265 266

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Fuse holder C, Fuse carrier 1



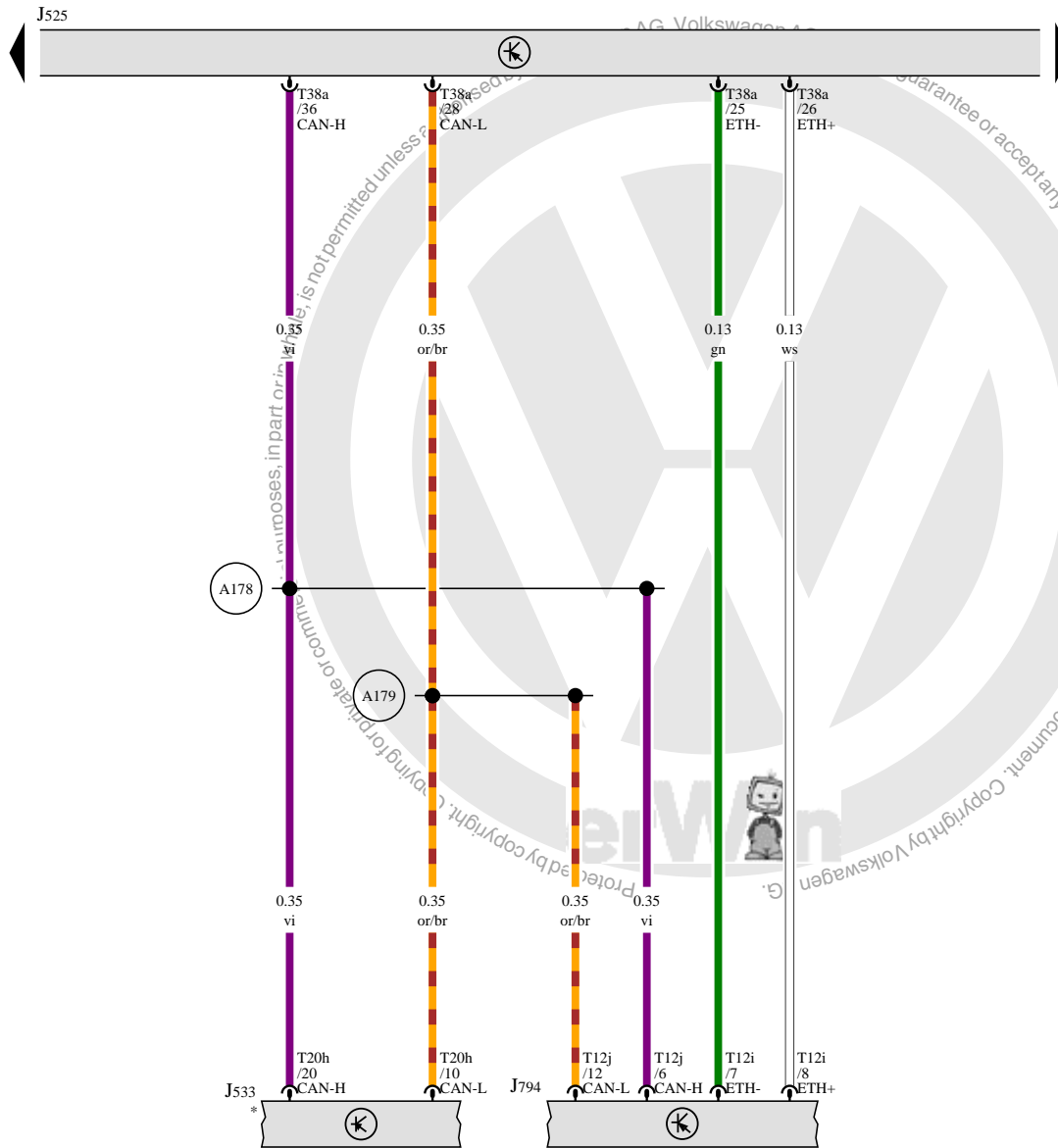
- SC Fuse holder C
  - ST1 Fuse carrier 1
  - SC10 Fuse 10 on fuse holder C
  - SC12 Fuse 12 on fuse holder C
  - SC16 Fuse 16 on fuse holder C
  - SC46 Fuse 46 on fuse holder C
  - S356 USB charging socket fuse
- (A167) Positive connection 3 (30a) in dash panel wiring harness
  - (V32) Positive connection (30), in telephone wiring harness
- \* see applicable current flow diagram for fuse assignment
  - \*2 According to equipment
  - \*3 Up to July 2022
  - \*4 For models with equipment for Japan
  - \*5 From July 2020
  - \*6 Up to July 2020
  - \*7 From July 2022
  - \*8 For models with USB connection for increased charging capacity

- ws = white
- sw = black
- ro = red
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Digital sound package control unit, Data bus diagnostic interface, Control unit 1 for information electronics

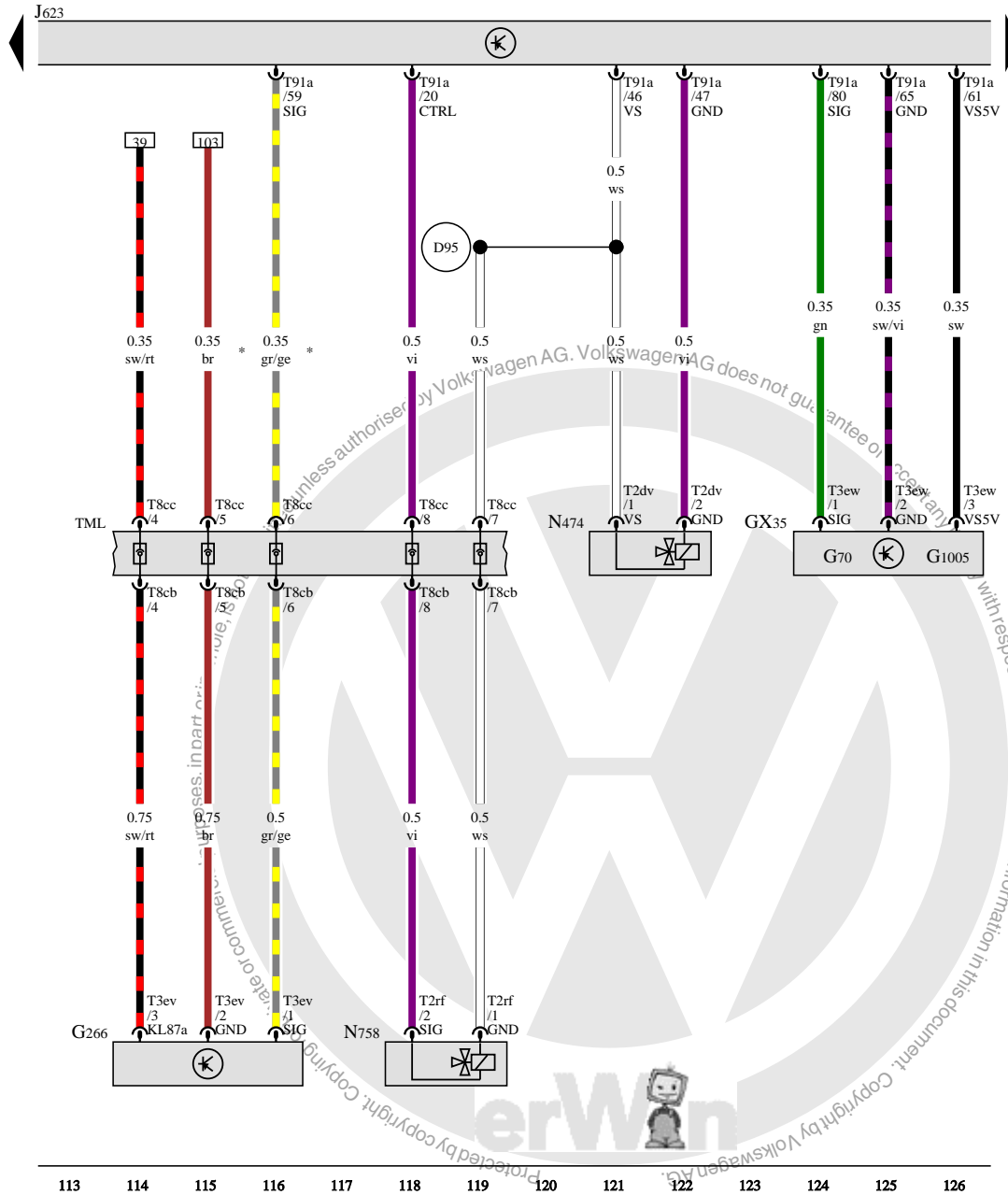
- J525 Digital sound package control unit
- J533 Data bus diagnostic interface
- J794 Control unit 1 for information electronics
- T12i 12-pin connector, green
- T12j 12-pin connector, grey
- T20h 20-pin connector, red
- T38a 38-pin connector, black

- (A178) Connection (infotainment CAN bus, high), in dash panel wiring harness
- (A179) Connection (infotainment CAN bus, low), in dash panel wiring harness
- \* see applicable current flow diagram for data bus network



- ws = white
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Air mass measurement module, Oil level and oil temperature sender, Engine/motor control unit, Injector for reducing agent, Injector 2 for reducing agent



- GX35 Air mass measurement module
- G70 Air mass meter
- G266 Oil level and oil temperature sender
- G1005 Temperature sender in air mass meter
- J623 Engine/motor control unit
- N474 Injector for reducing agent
- N758 Injector 2 for reducing agent
- T2dv 2-pin connector, brown
- T2rf 2-pin connector, black
- T3ev 3-pin connector, black
- T3ew 3-pin connector, black
- T8cb 8-pin connector, black
- T8cc 8-pin connector, black
- T91a 91-pin connector, black
- TML Coupling point in engine compartment, left
- D95 Connection (injectors), in engine compartment wiring harness
- \* For models with extended service intervals (ESI)

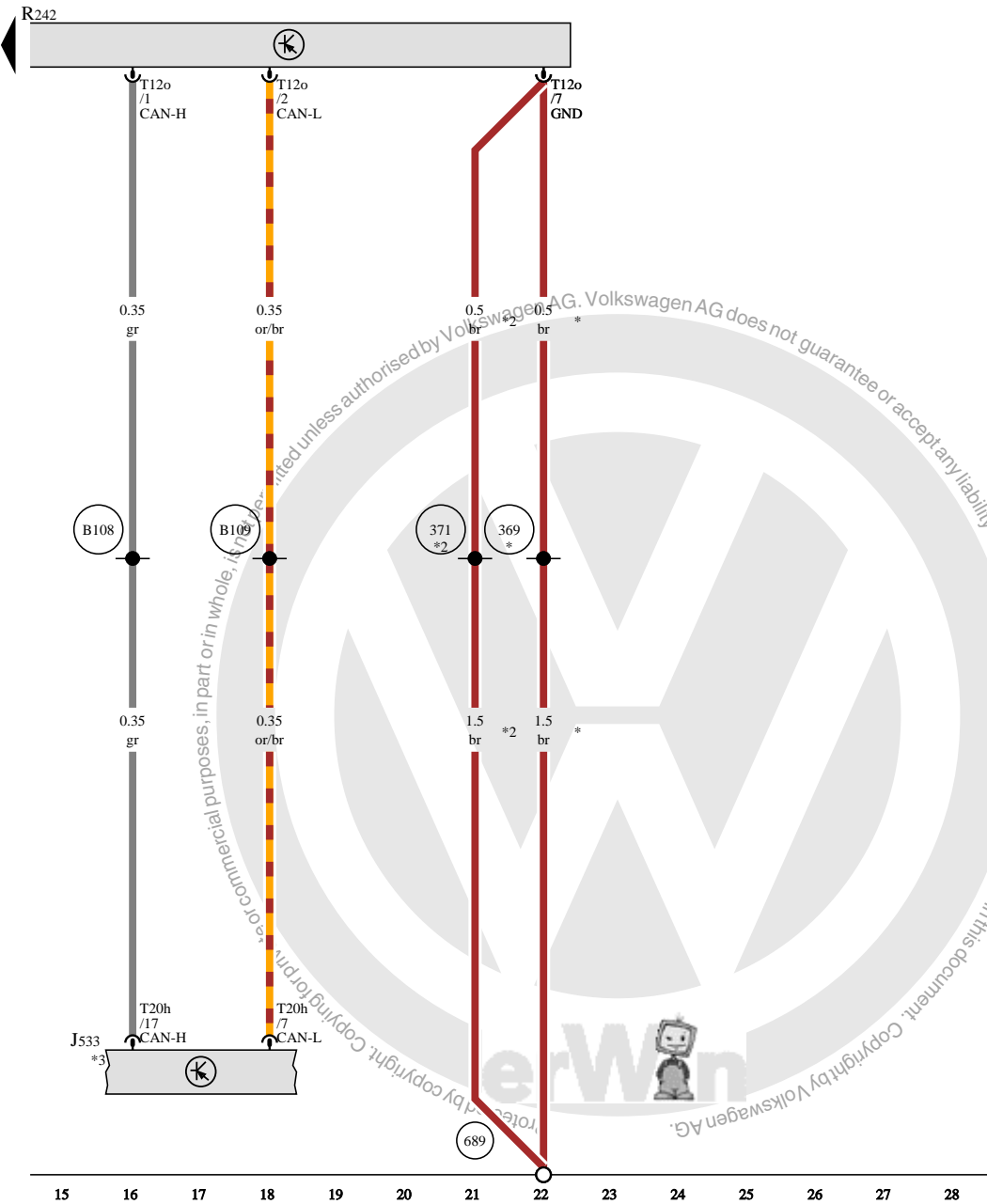
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- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

Data bus diagnostic interface, Front camera for driver assist systems

- J533 Data bus diagnostic interface
- R242 Front camera for driver assist systems
- T12o 12-pin connector, brown
- T20h 20-pin connector, red

- 369 Earth connection 4, in main wiring harness
- 371 Earth connection 6, in main wiring harness
- 689 Earth point, at front, central in roof
- B108 Connection 1 (CAN bus extended high), in main wiring harness
- B109 Connection 1 (CAN bus extended low), in main wiring harness

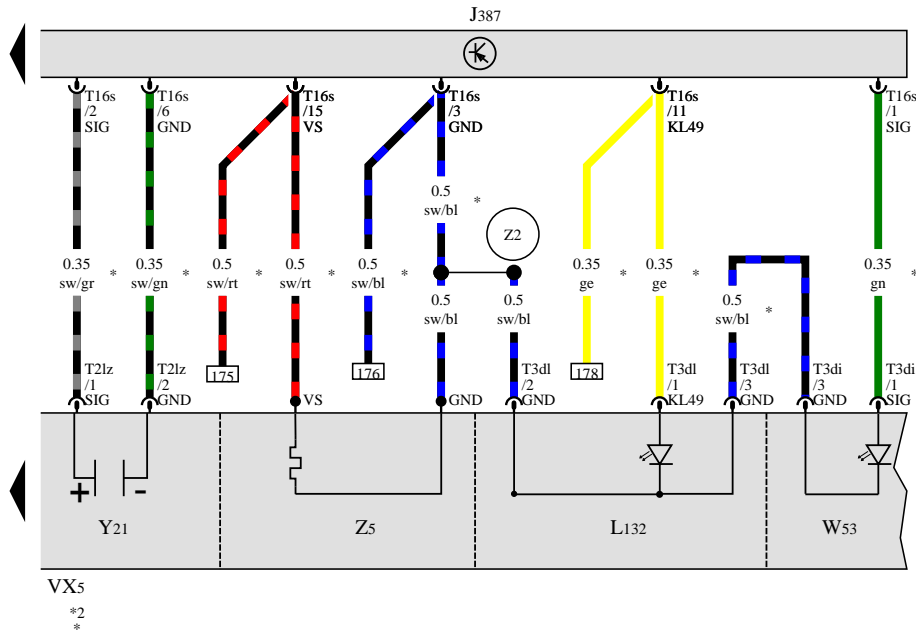
- \* Saloon
- \*2 Sportback
- \*3 see applicable current flow diagram for data bus network



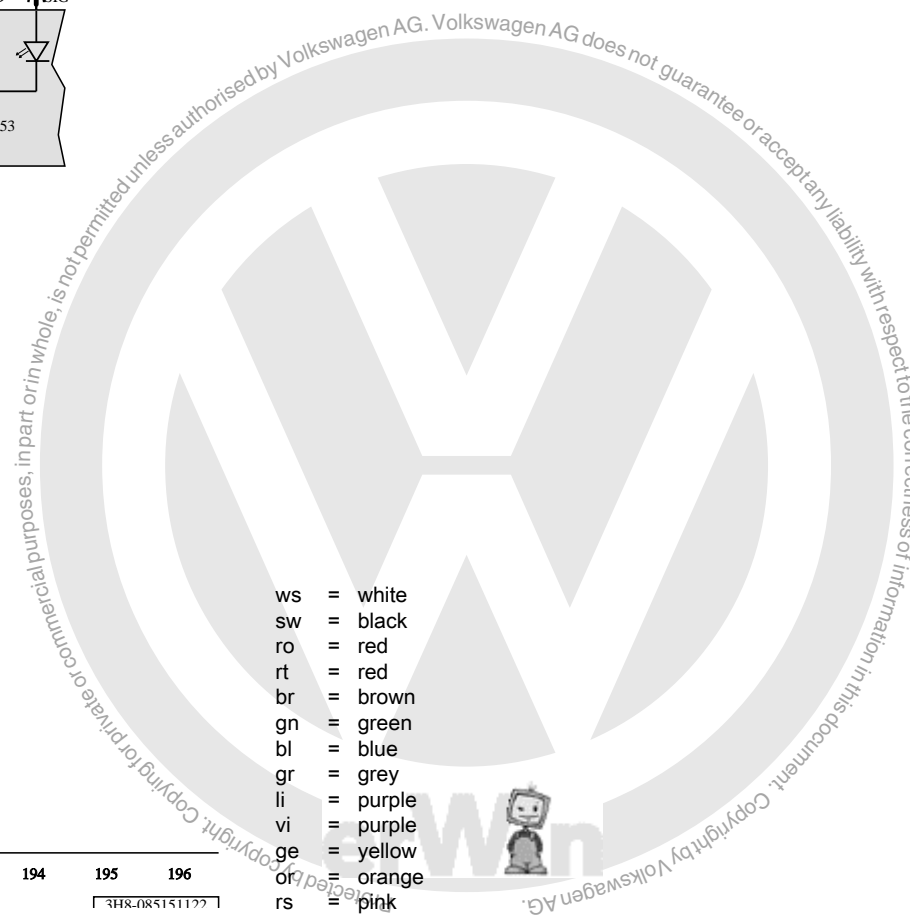
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- rs = pink

10830308-0848

Front passenger door control unit, Passenger side exterior mirror



- J387 Front passenger door control unit
- L132 Front passenger side exterior mirror turn signal bulb
- T2lz 2-pin connector, black
- T3di 3-pin connector, black
- T3dl 3-pin connector, black
- T16s 16-pin connector, black
- VX5 Passenger side exterior mirror
- W53 Entry light in exterior mirror, passenger side
- Y21 Automatic anti-dazzle exterior mirror, passenger side
- Z5 Heated exterior mirror on passenger side
- Z2 Connection 2, in mirror adjustment/heating wiring harness
- \* According to equipment
- \*2 Pre-wired component



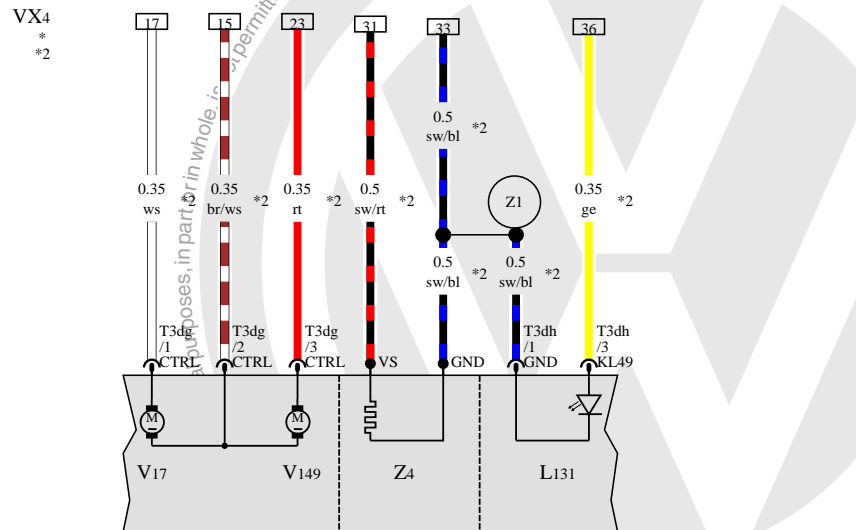
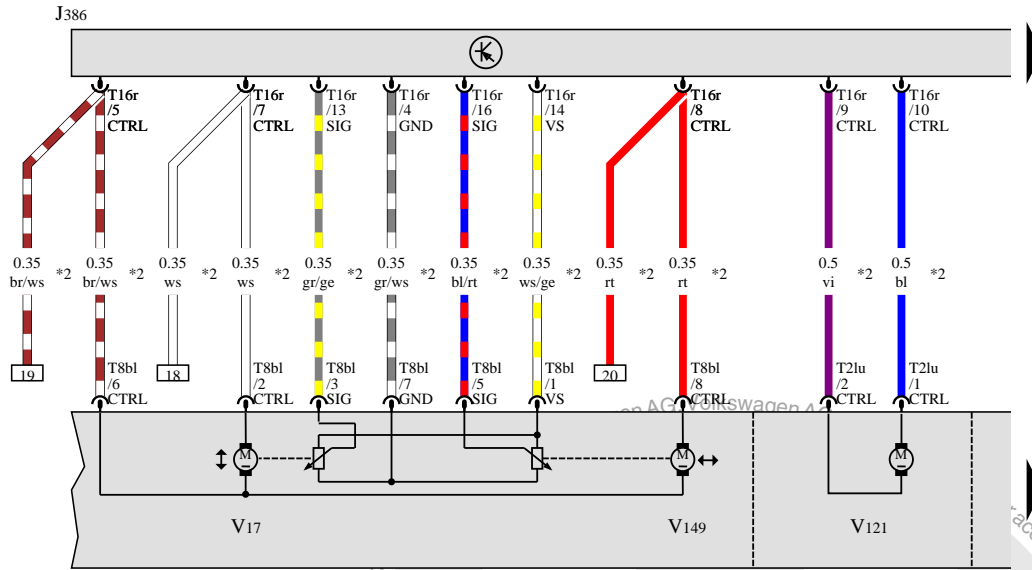
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- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
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Driver door control unit, Driver side exterior mirror

- J386 Driver door control unit
- L131 Driver side exterior mirror turn signal bulb
- T2lu 2-pin connector, black
- T3dg 3-pin connector, black
- T3dh 3-pin connector, black
- T8bl 8-pin connector, black
- T16r 16-pin connector, black
- VX4 Driver side exterior mirror
- V17 Driver side mirror adjustment motor 2
- V121 Driver side fold-in mirror motor
- V149 Driver side mirror adjustment motor
- Z4 Heated exterior mirror on driver side

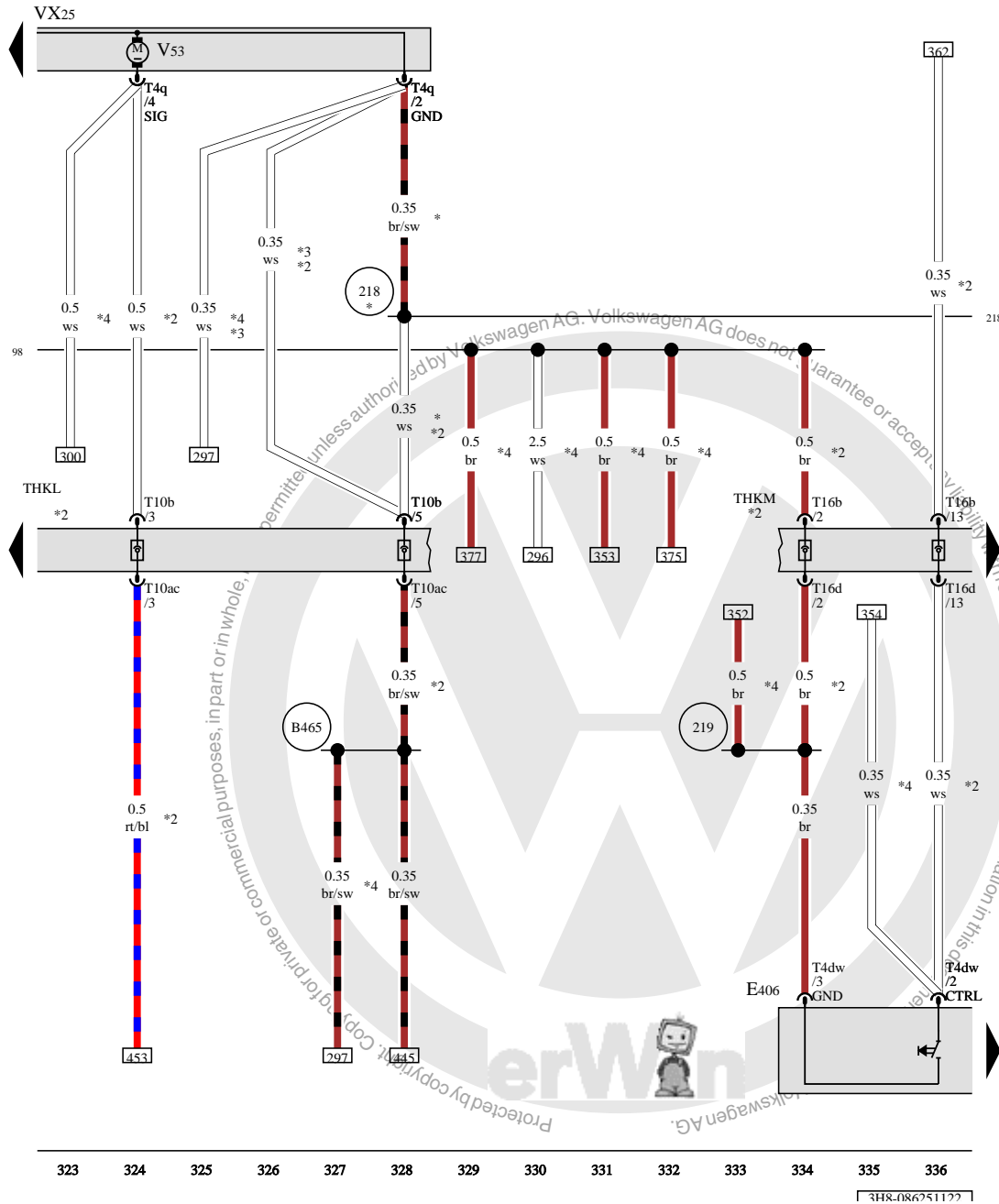
Z1 Connection 1, in mirror adjustment/heating wiring harness

- \* Pre-wired component
- \*2 According to equipment



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Button to close rear lid in luggage compartment, Rear lid lock unit



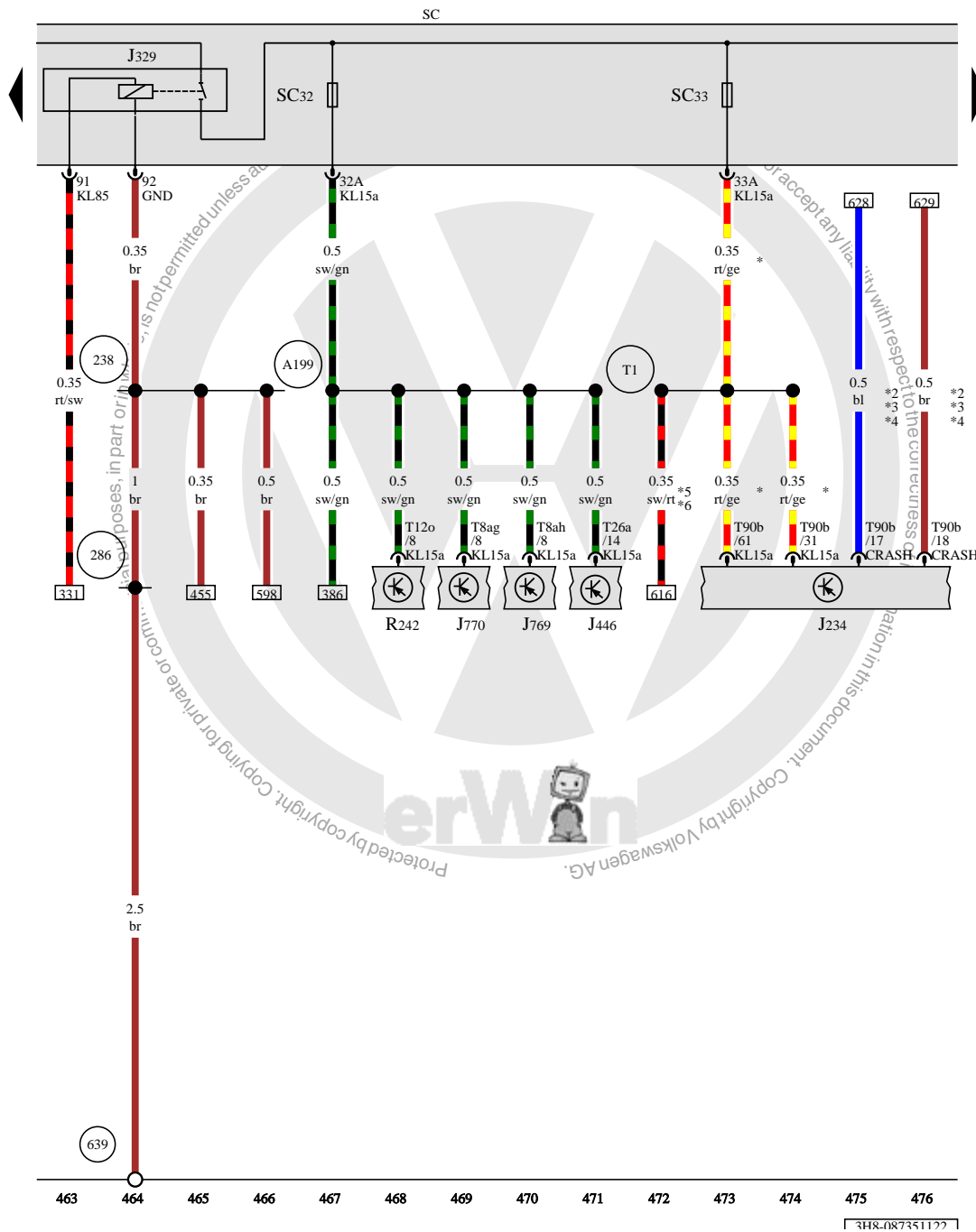
- E406 Button to close rear lid in luggage compartment
- T4dw 4-pin connector, black
- T4q 4-pin connector, black
- T10ac 10-pin connector, black
- T10b 10-pin connector, black
- T16b 16-pin connector, black
- T16d 16-pin connector, black
- THKL Coupling point on rear lid, left
- THKM Coupling point on rear lid, centre
- VX25 Rear lid lock unit
- V53 Rear lid central locking motor

- 98 Earth connection, in rear lid wiring harness
- 218 Earth connection 1, in rear lid wiring harness
- 219 Earth connection 2, in rear lid wiring harness
- B465 Connection 1, in main wiring harness

- \* For models with sensor-controlled rear lid opener
- \*2 Saloon
- \*3 For models with no sensor-controlled rear lid opener
- \*4 Sportback

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Airbag control unit, Terminal 15 voltage supply relay, Parking aid control unit, Lane change assist control unit, Lane change assist control unit 2, Front camera for driver assist systems, Fuse holder C

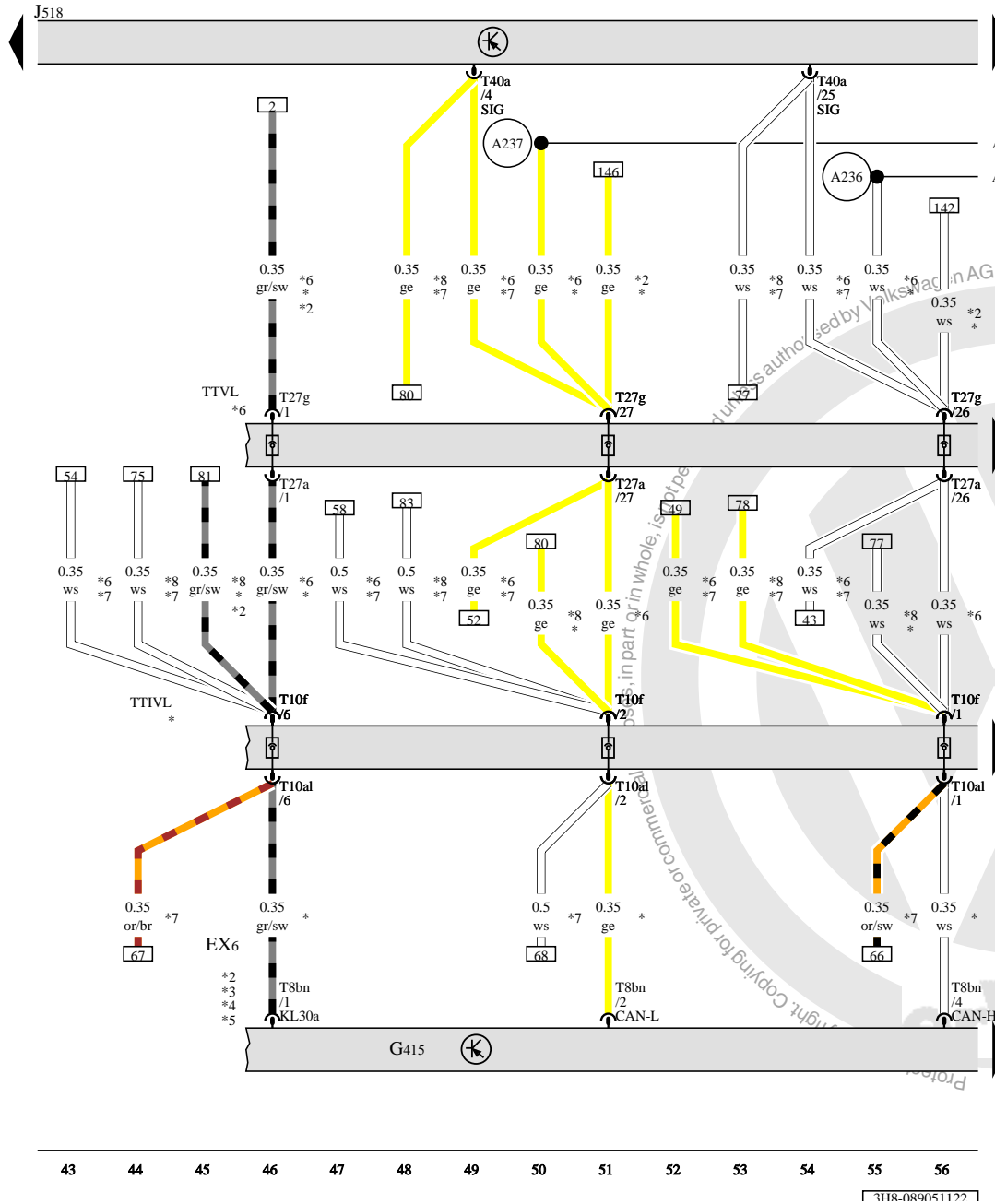
- J234 Airbag control unit
- J329 Terminal 15 voltage supply relay
- J446 Parking aid control unit
- J769 Lane change assist control unit
- J770 Lane change assist control unit 2
- R242 Front camera for driver assist systems
- SC Fuse holder C
- SC32 Fuse 32 on fuse holder C
- SC33 Fuse 33 on fuse holder C
- T8ag 8-pin connector, black
- T8ah 8-pin connector, black
- T12o 12-pin connector, brown
- T26a 26-pin connector, black
- T90b 90-pin connector, yellow

- 238 Earth connection 1, in interior wiring harness
- 286 Earth connection 8, in interior wiring harness
- 639 Earth point, on left A-pillar
- A199 Positive connection 4 (15a) in dash panel wiring harness
- T1 Positive connection 1, in airbag wiring harness
- \* Different wire colour possible
- \*2 According to equipment
- \*3 For models with battery in luggage compartment
- \*4 For models with no hybrid drive system
- \*5 see applicable current flow diagram
- \*6 Up to July 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

3HR-087351122

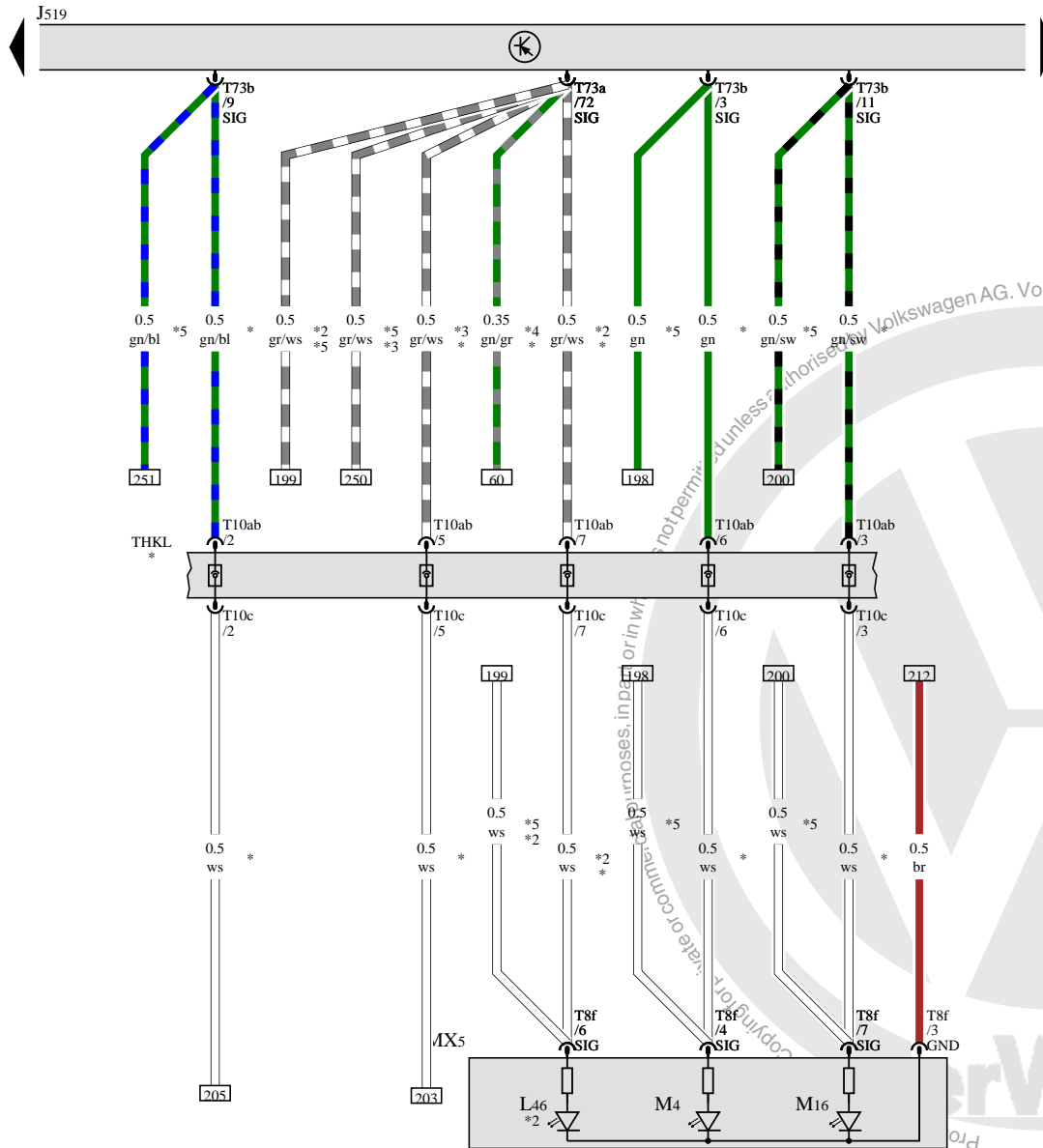
Driver exterior door handle, Entry and start authorisation control unit



- EX6 Driver exterior door handle
- G415 Contact sensor for driver exterior door handle
- J518 Entry and start authorisation control unit
- T8bn 8-pin connector, black
- T10al 10-pin connector, red
- T10f 10-pin connector, red
- T27a 27-pin connector, black
- T27g 27-pin connector, black
- T40a 40-pin connector, black
- TTVL Coupling point in front left door
- TTVL Coupling point for front left door
- A236 Connection 1 (powertrain CAN bus, high), in dash panel wiring harness
- A237 Connection 1 (powertrain CAN bus, low), in dash panel wiring harness
- \* For models with near field communication
- \*2 For left-hand drive models
- \*3 Pre-wired component
- \*4 Component included in passenger side specification on right-hand drive models
- \*5 see applicable current flow diagram for convenience system
- \*6 For models with no overhead view camera
- \*7 For models without near field communication
- \*8 For models with overhead view camera

- 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, Left tail light cluster 2



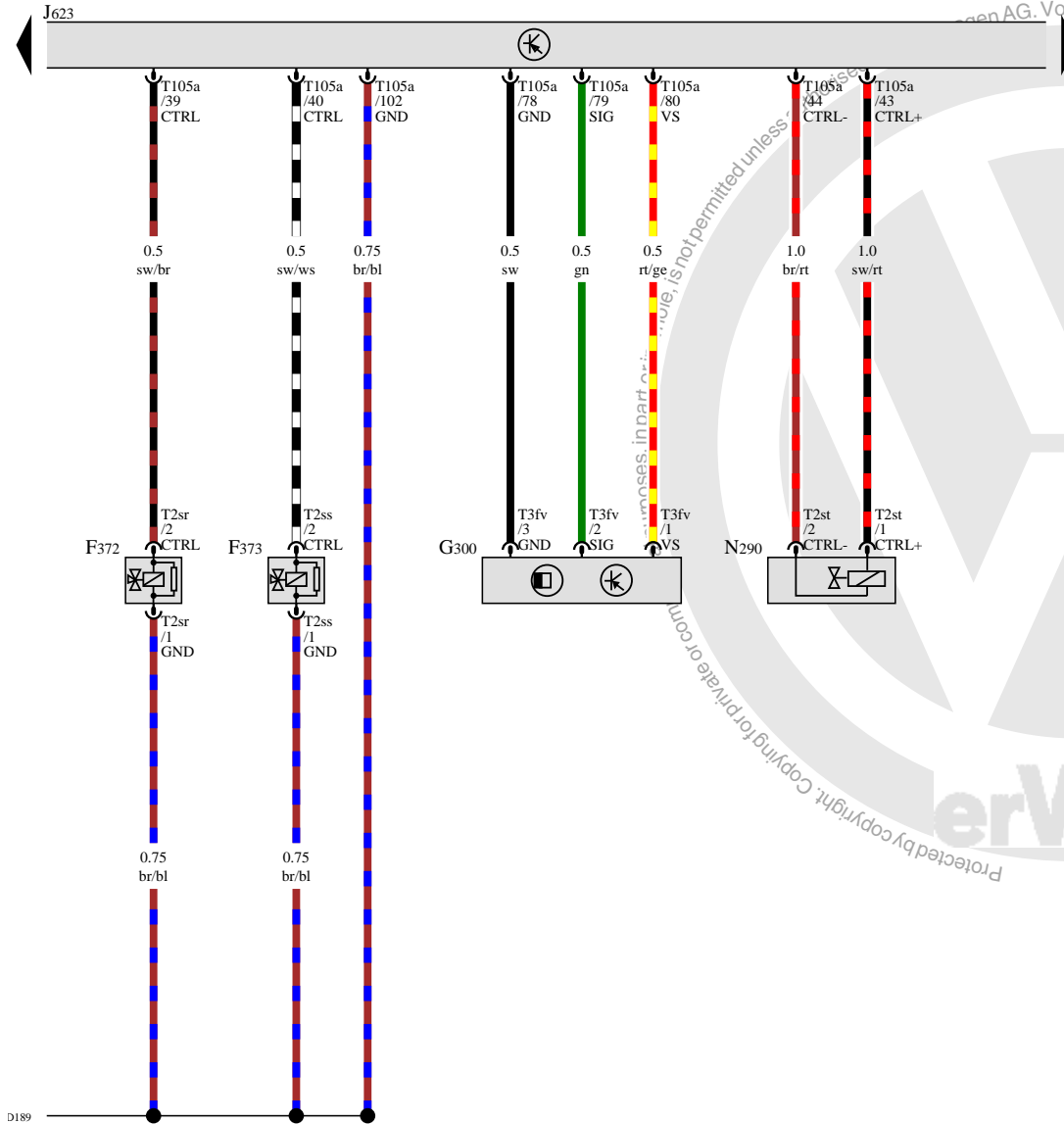
- J519 Onboard supply control unit
- L46 Rear left fog light bulb
- M4 Left tail light bulb
- MX5 Left tail light cluster 2
- M16 Left reversing light bulb
- T8f 8-pin connector, brown
- T10ab 10-pin connector, brown
- T10c 10-pin connector, brown
- T73a 73-pin connector, black
- T73b 73-pin connector, black
- THKL Coupling point on rear lid, left Saloon
- \* For right-hand drive models
- \*2 For left-hand drive models
- \*3 For American markets
- \*4 Sportback
- \*5

- 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

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

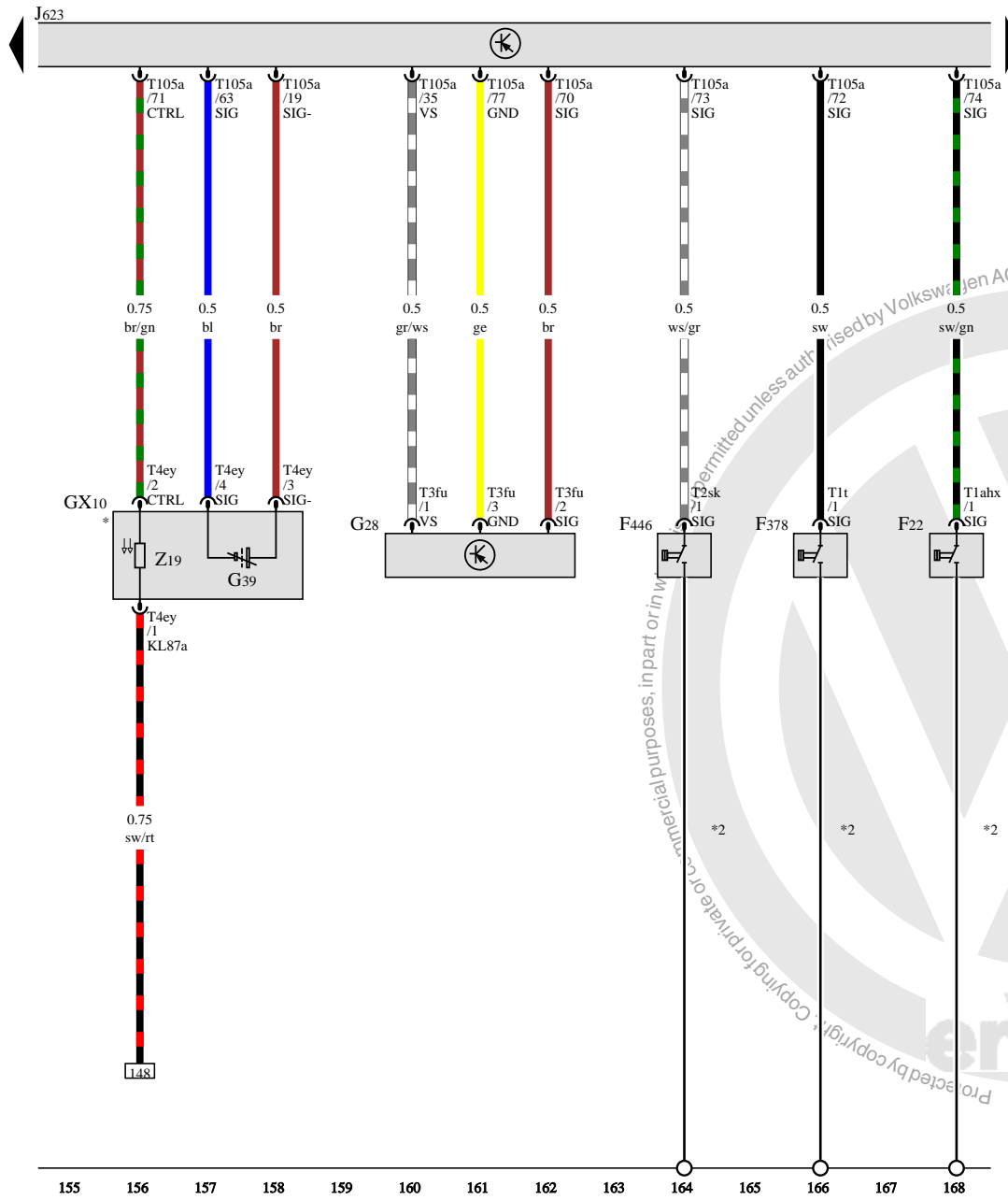
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Cam adjustment actuator 7, Cam adjustment actuator 8, Hall sender 3, Engine/motor control unit, Fuel metering valve



- F372 Cam adjustment actuator 7
- F373 Cam adjustment actuator 8
- G300 Hall sender 3
- J623 Engine/motor control unit
- N290 Fuel metering valve
- T2sr 2-pin connector, yellow
- T2ss 2-pin connector, yellow
- T2st 2-pin connector, yellow
- T3fv 3-pin connector, black
- T105a 105-pin connector, black
- D189 Connection (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



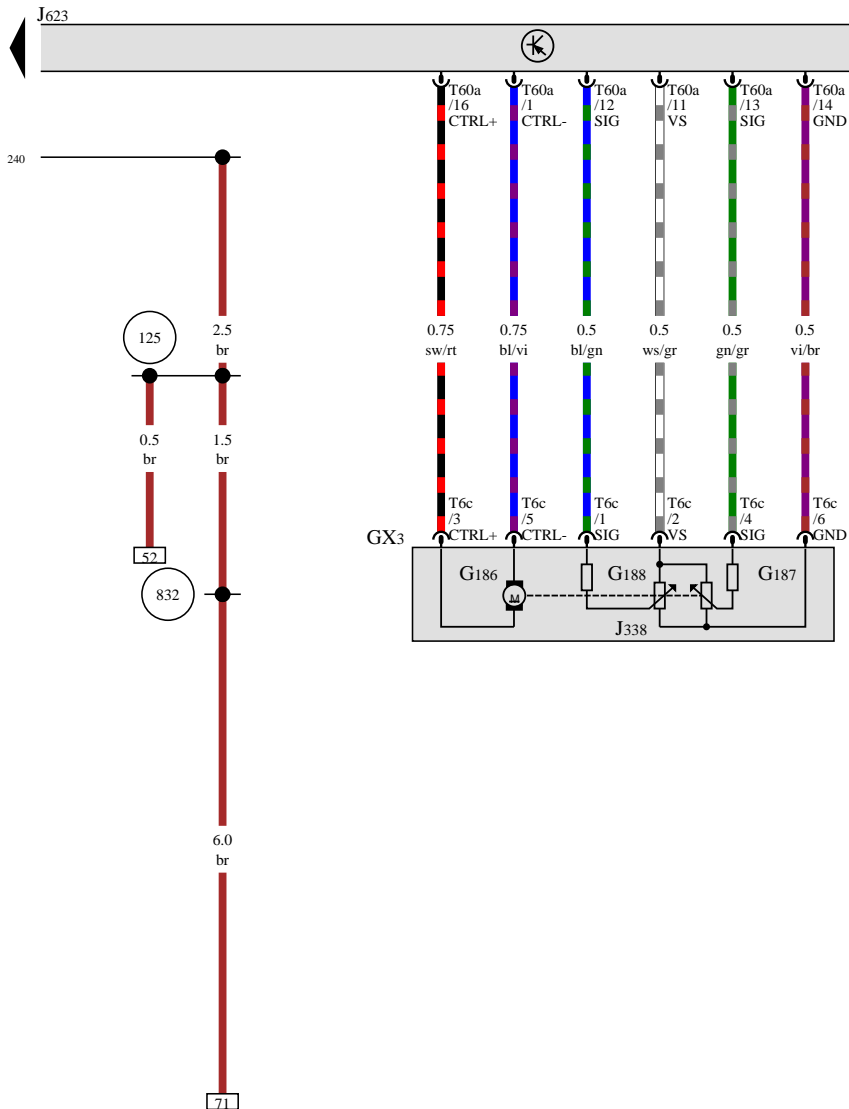
Oil pressure switch, Oil pressure switch for reduced oil pressure, Stage 2 oil pressure switch, Lambda probe 1 before catalytic converter, Engine speed sender, Engine/motor control unit

- F22 Oil pressure switch
- F378 Oil pressure switch for reduced oil pressure
- F446 Stage 2 oil pressure switch
- GX10 Lambda probe 1 before catalytic converter
- G28 Engine speed sender
- G39 Lambda probe
- J623 Engine/motor control unit
- T1ahx 1-pin connector, dark blue
- T1t 1-pin connector, black
- T2sk 2-pin connector, black
- T3fu 3-pin connector, black
- T4ey 4-pin connector, brown
- T105a 105-pin connector, black
- Z19 Lambda probe heater
- \* Pre-wired component
- \*2 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

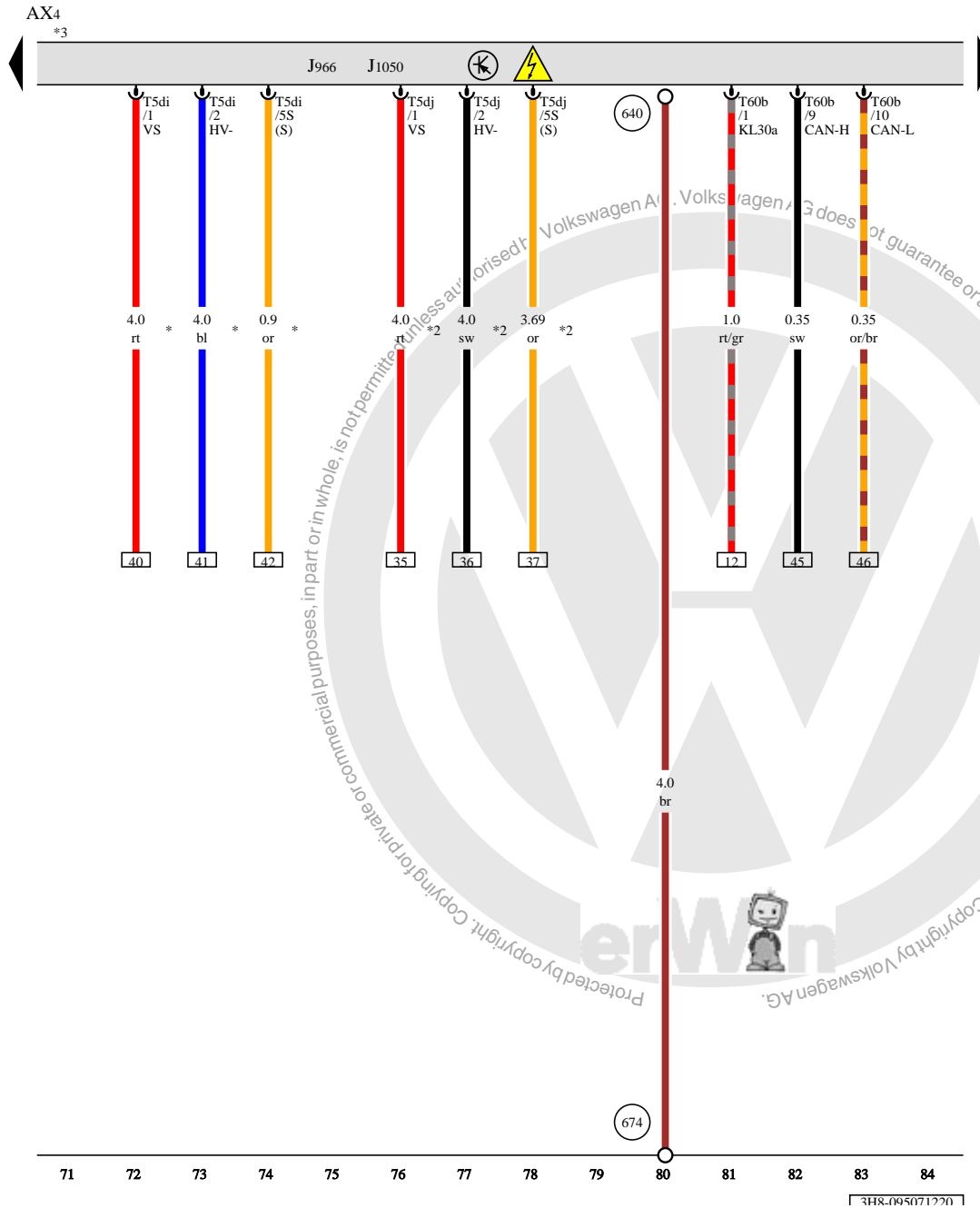
38-097131122

Throttle valve module, Engine/motor control unit



- GX3 Throttle valve module
- G186 Throttle valve drive for electric throttle
- G187 Throttle valve drive angle sender 1 for electric throttle
- G188 Throttle valve drive angle sender 2 for electric throttle
- J338 Throttle valve module
- J623 Engine/motor control unit
- T6c 6-pin connector, black
- T60a 60-pin connector, black
- 125 Earth connection 3, in headlight wiring harness
- 240 Earth connection 4, in headlight wiring harness
- 832 Earth connection 14, 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



Charging unit 1 for high-voltage battery

- AX4 Charging unit 1 for high-voltage battery
- J966 Charge voltage control unit for high-voltage battery
- J1050 Control unit for high-voltage battery charging unit
- T5di 5-pin connector, orange
- T5dj 5-pin connector, orange
- T60b 60-pin connector, black

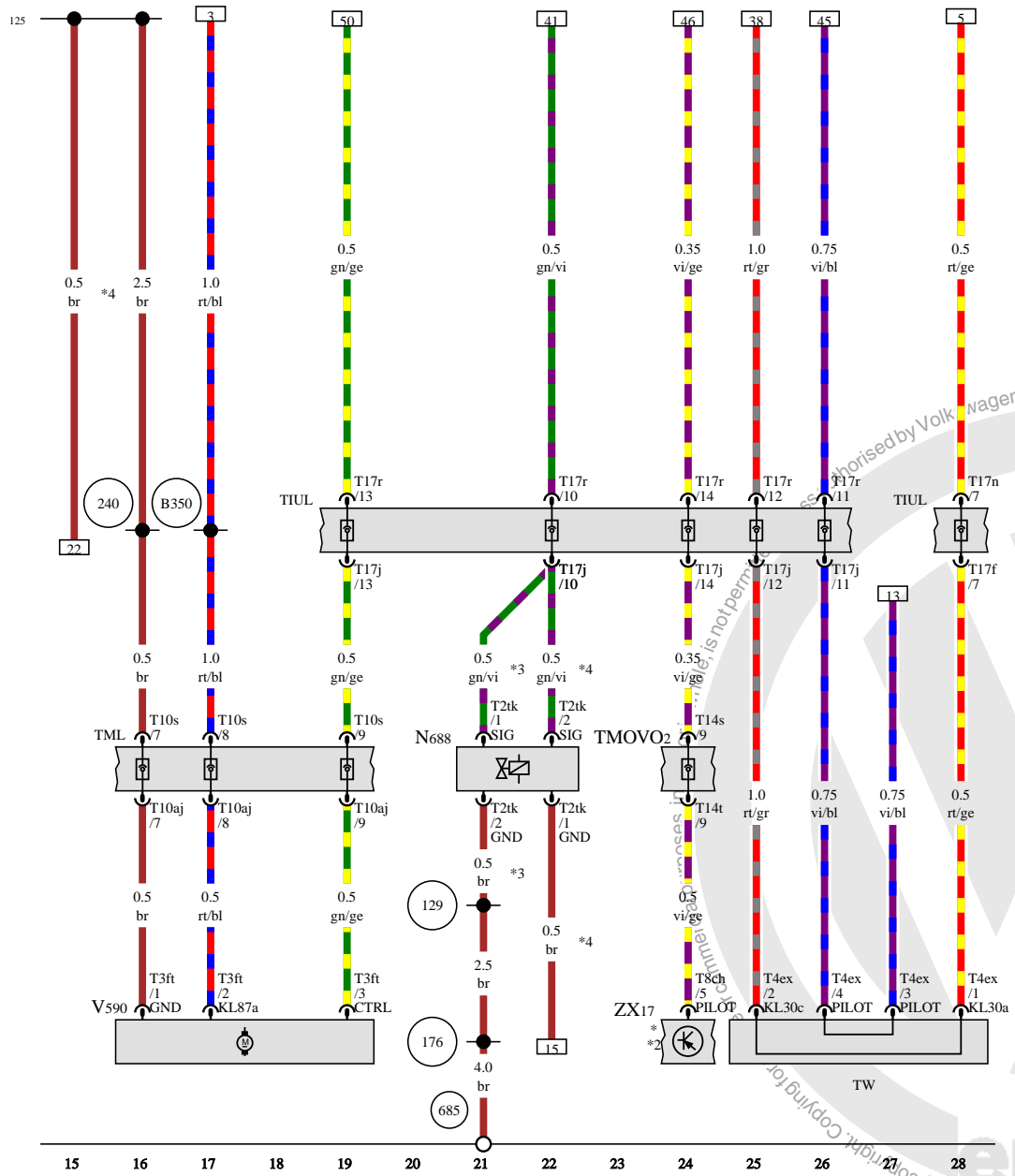
640 Earth point 2, left in engine compartment

674 Earth point 4, on front of left longitudinal member

- \* High-voltage wire for electrical air conditioner compressor (P3)
- \*2 High-voltage wire for high-voltage heater (PTC) (P11)
- \*3 see applicable current flow diagram for pilot line for high-voltage system

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

Coolant valve for high-voltage battery, Maintenance connector for high-voltage system, Coolant pump for high-voltage battery, High-voltage heater (PTC)



- N688 Coolant valve for high-voltage battery
- T2tk 2-pin connector, black
- T3ft 3-pin connector, black
- T4ex 4-pin connector, green
- T8ch 8-pin connector, black
- T10aj 10-pin connector, black
- T10s 10-pin connector, black
- T14s 14-pin connector, black
- T14t 14-pin connector, black
- T17f 17-pin connector, brown
- T17j 17-pin connector, green
- T17n 17-pin connector, brown
- T17r 17-pin connector, green
- TIUL Coupling point in interior, below left
- TML Coupling point in engine compartment, left
- TMOVO2 Coupling point 2 for engine prewiring harness
- TW Maintenance connector for high-voltage system
- V590 Coolant pump for high-voltage battery
- ZX17 High-voltage heater (PTC)

- 125 Earth connection 3, in headlight wiring harness
- 129 Earth connection, in dual tone horn wiring harness
- 176 Earth connection, in right headlight wiring harness
- 240 Earth connection 4, in headlight wiring harness
- 685 Earth point 1, on front of right longitudinal member
- B350 Positive connection 1 (87a) in main wiring harness

- \* see applicable current flow diagram for high-voltage system
- \*2 see applicable current flow diagram for pilot line for high-voltage system
- \*3 Up to November 2021
- \*4 From November 2021

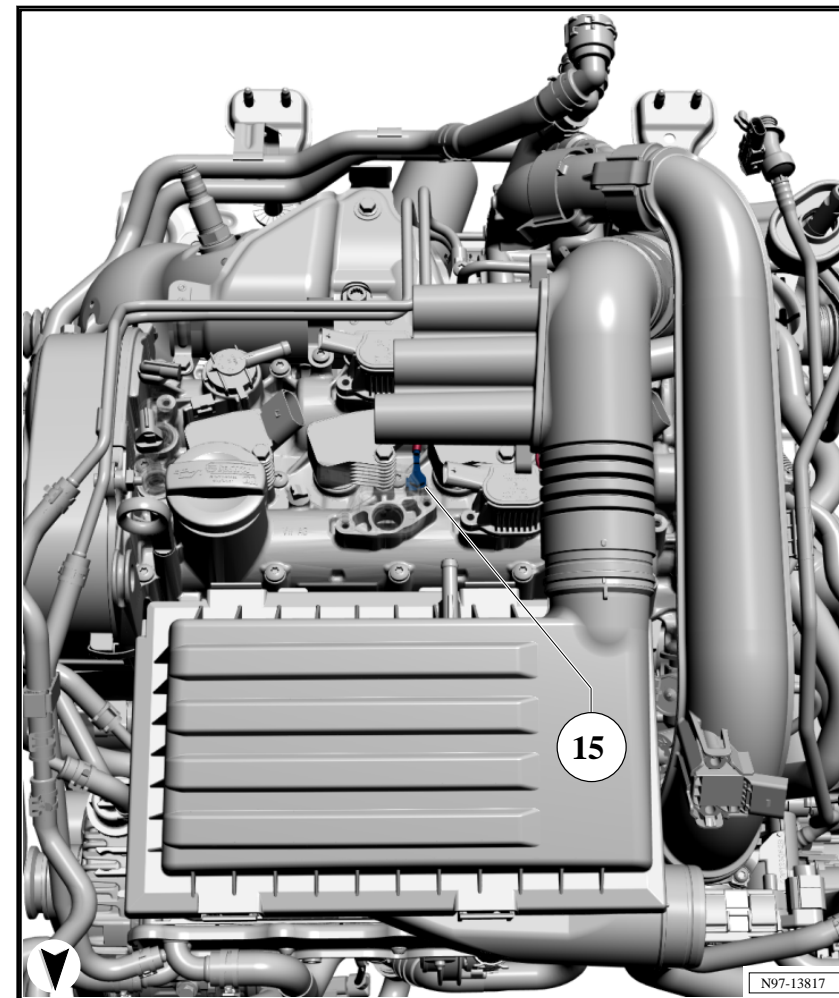
- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- vi = purple
- ge = yellow
- or = orange
- rs = pink

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

348-09903022

15 - Earth point, on cylinder head

- Torque 9 Nm



1.1.6 1.5l petrol engine, DADA, DPCA



Note

For models with 1.5l petrol engine, DADA, DPCA

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- ◆ ⇒ [a1.1.2 ssignment for multifuse fuse strip on fuse holder BSB, battery at front, from March 2017”](#), page 6
- ◆ ⇒ [a1.1.3 ssignment for multifuse fuse strip on fuse holder BSB, battery at rear, from March 2017”](#), page 7

### 1.1.1 Fitting location of multifuse fuse strip on fuse holder B-SB-, from March 2017



Note

*The fuse strip (multifuse) can be replaced as a complete unit.*



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

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1.6.2 Fuse assignment for fuse holder B -SB-, from May 2019

Slot	Current flow diagram designation	Nominal value	Function / component	Terminal
SB1	Fuse 1 on fuse holder B -SB1-	25 A	ABS control unit -J104-	30
SB2	Fuse 2 on fuse holder B -SB2-	40 A 60 A (6)	ABS control unit -J104- ◆ ABS hydraulic pump -V64-	30
SB3	Fuse 3 on fuse holder B -SB3-	15 A 1) 30 A 2)	Engine/motor control unit -J623-	87
SB4	Fuse 4 on fuse holder B -SB4-	7.5 A 2) 10 A 1)	Radiator fan -VX57-4)  High heat output relay -J360- Low heat output relay -J359-2), 4) Valve for oil pressure control -N428-1), 4) Turbocharger air recirculation valve -N249-1), 4) Intake manifold flap valve -N316-1), 4) Piston cooling jet control valve -N522-1), 4)	87

Slot	Current flow diagram designation	Nominal value	Function / component	Terminal
			Coolant pump for low-temperature circuit -V468- <sup>10)</sup> Auxiliary pump for heating -V488- <sup>2), 4)</sup>	
SB8	Fuse 8 on fuse holder B -SB8-	10 A 15 A <sup>10)</sup>	Lambda probe 1 before catalytic converter -GX10- <sup>4)</sup>  Lambda probe 1 after catalytic converter -GX7- <sup>4)</sup> Control unit for NOx sender -GX30- <sup>4)</sup> Control unit for NOx sender 2 -J881- <sup>4)</sup> NOx sender 3 -G932- <sup>4)</sup> Particulate sensor -G784- <sup>4)</sup>	87
SB9	Fuse 9 on fuse holder B -SB9-	10 A 20 A <sup>10)</sup>	Air mass meter -G70- <sup>10)</sup>  Automatic glow period control unit -J179- <sup>2), 4)</sup> Exhaust flap control unit -J883- Exhaust flap control unit 2 -J945- Ignition coil 1 with output stage -N70- <sup>10)</sup> Heater element for crankcase breather -N79- Activated charcoal filter solenoid valve 1 -N80- Ignition coil 2 with output stage -N127- <sup>10)</sup> Camshaft control valve 1 -N205- Ignition coil 3 with output stage -N291- <sup>10)</sup> Ignition coil 4 with output stage -N292- <sup>10)</sup> Exhaust camshaft control valve 1 -N318- Auxiliary pump for heating -V488- <sup>4)</sup>	87
SB10	Fuse 10 on fuse holder B -SB10-	15 A <sup>10)</sup> 20 A	Fuel pump control unit -J538-	87
SB11	Fuse 11 on fuse holder B -SB11-	40 A <sup>2)</sup>	Auxiliary air heater element -Z35-	87
SB12	Fuse 12 on fuse holder B -SB12-	40 A <sup>2)</sup>	Auxiliary air heater element -Z35-	87
SB13	Fuse 13 on fuse holder B -SB13-	30 A	Auxiliary hydraulic pump 1 for gearbox oil -V475-	30

Slot	Current flow diagram designation	Nominal value	Function / component	Terminal
SC13	Fuse 13 on fuse holder C -SC13-	25 A	Front left seat belt -NX10-	30
SC14	Fuse 14 on fuse holder C -SC14- <sup>6)</sup>	40 A	Fresh air blower control unit -J126-	30
SC15	Fuse 15 on fuse holder C -SC15-	10 A	Control unit for electronic steering column lock -J764-	30
SC16	Fuse 16 on fuse holder C -SC16-	7.5 A	Two-way signal amplifier for mobile telephone/data services -J984- USB charging socket 1 -U37- Storage compartment with interface for mobile telephone -R265- USB hub -R293-	30
SC17	Fuse 17 on fuse holder C -SC17-	7.5 A	Dash panel insert -KX2- Emergency call module control unit and communication unit -J949-	30
SC18	Fuse 18 on fuse holder C -SC18-	7.5 A	Control unit for overhead view camera -J928- Rear lid handle -EX37- Rear overhead view camera -R246-	30
SC19	Fuse 19 on fuse holder C -SC19-	7.5 A	Entry and start authorisation control unit -J518-	30
SC20	Fuse 20 on fuse holder C -SC20-	7.5 A 2) 10 A 2)	Relay for reducing agent metering system -J963-	30
SC21	Fuse 21 on fuse holder C -SC21-	15 A	All-wheel drive control unit -J492-	30
SC22	Fuse 22 on fuse holder C -SC22-	15 A	Trailer detector control unit -J345-	30
SC23	Fuse 23 on fuse holder C -SC23-	30 A	Sliding sunroof adjustment control unit -J245-	30
SC24	Fuse 24 on fuse holder C -SC24- <sup>6)</sup>	40 A	Onboard supply control unit -J519-	30
SC25	Fuse 25 on fuse holder C -SC25-	30 A	Driver door control unit -J386- <sup>4)</sup> Rear driver side door control unit -J926- <sup>4)</sup> Front passenger door control unit -J387- <sup>5)</sup> Passenger side rear door control unit -J927- <sup>5)</sup>	30
SC26	Fuse 26 on fuse holder C -SC26-	30 A	Onboard supply control unit -J519-	30
SC27	Fuse 27 on fuse holder C -SC27-	30 A	Onboard supply control unit -J519-	-
SC28	Fuse 28 on fuse holder C -SC28-	25 A	Trailer detector control unit -J345-	30
SC29	not assigned	-	-	-
SC30	Fuse 30 on fuse holder C -SC30-	10 A 3)	Remote starting system relay -J471- <sup>3)</sup>	30
SC31	not assigned	-	-	-

**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](#)

**1.16.2 Fitting location of fuse holder C -SC- right-hand drive models, from July 2019**



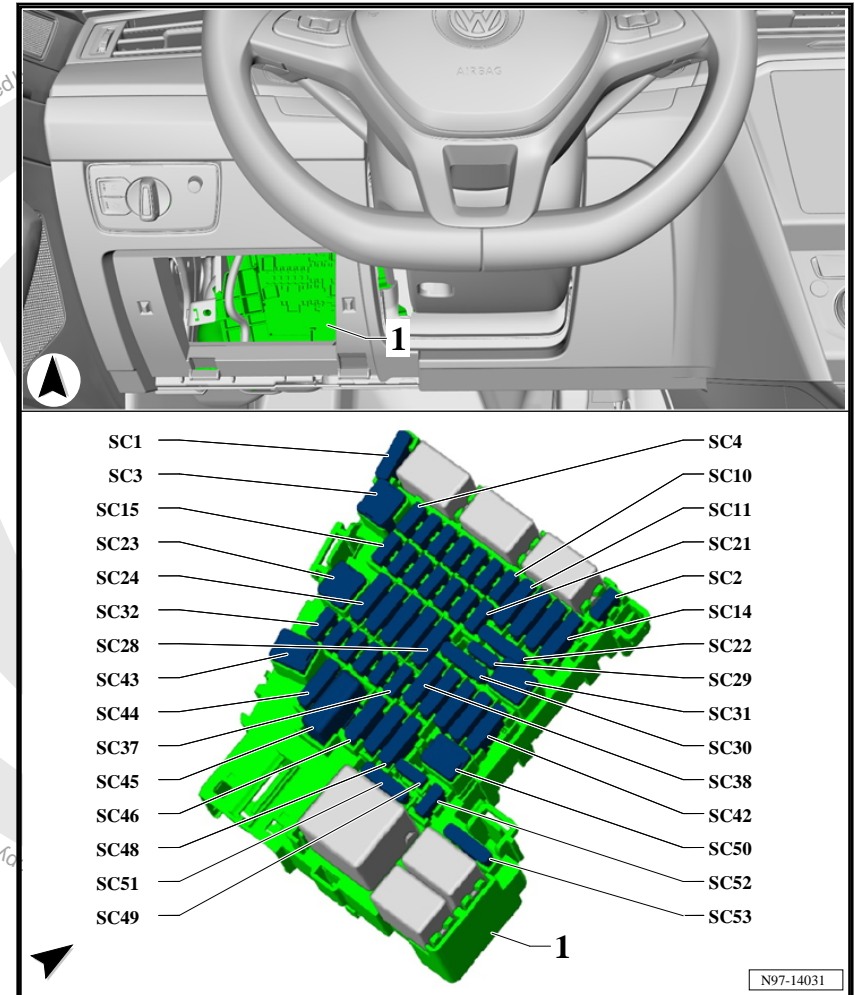
*For right-hand drive models*



Slot	Current flow diagram designation	Nominal value	Function / component	Terminal
			Control unit for Head-up Display -J898-	
SC11	Fuse 11 on fuse holder C -SC11- <sup>9)</sup>	40 A	Onboard supply control unit -J519-	30
SC12	Fuse 12 on fuse holder C -SC12-	20 A	Control unit 1 for information electronics -J794-	30
SC13	Fuse 13 on fuse holder C -SC13-	25 A	Front left seat belt -NX10-	30
SC14	Fuse 14 on fuse holder C -SC14- <sup>9)</sup>	40 A	Fresh air blower control unit -J126-	30
SC15	Fuse 15 on fuse holder C -SC15-	10 A	Control unit for electronic steering column lock -J764-	30
SC16	Fuse 16 on fuse holder C -SC16-	7.5 A	Two-way signal amplifier for mobile telephone/data services -J984- USB charging socket 1 -U37- USB connection 1 -U41- Storage compartment with interface for mobile telephone -R265- USB hub -R293- TV tuner -RX6- <sup>2)</sup>	30
SC17	Fuse 17 on fuse holder C -SC17-	7.5 A	Dash panel insert -KX2- Emergency call module control unit and communication unit -J949-	30
SC18	Fuse 18 on fuse holder C -SC18-	7.5 A	Control unit for overhead view camera -J928- Rear lid handle -EX37- Rear overhead view camera -R246-	30
SC19	Fuse 19 on fuse holder C -SC19-	7.5 A	Entry and start authorisation control unit -J518-	30
SC20	Fuse 20 on fuse holder C -SC20-	7.5 A <sup>2)</sup> 10 A <sup>2)</sup> 15 A <sup>4)</sup>	Relay for reducing agent metering system -J963-  Vacuum pump relay -J318- <sup>4)</sup>	30
SC21	Fuse 21 on fuse holder C -SC21-	15 A	All-wheel drive control unit -J492-	30
SC22	Fuse 22 on fuse holder C -SC22-	15 A	Trailer detector control unit -J345-	30
SC23	Fuse 23 on fuse holder C -SC23-	20 A	Sliding sunroof adjustment control unit -J245-	30
SC24	Fuse 24 on fuse holder C -SC24- <sup>9)</sup>	40 A	Onboard supply control unit -J519-	30
SC25	Fuse 25 on fuse holder C -SC25-	30 A	Driver door control unit -J386- <sup>5)</sup> Rear driver side door control unit -J926- <sup>5)</sup> Front passenger door control unit -J387- <sup>6)</sup>	30

1 - Fuse holder C -SC-

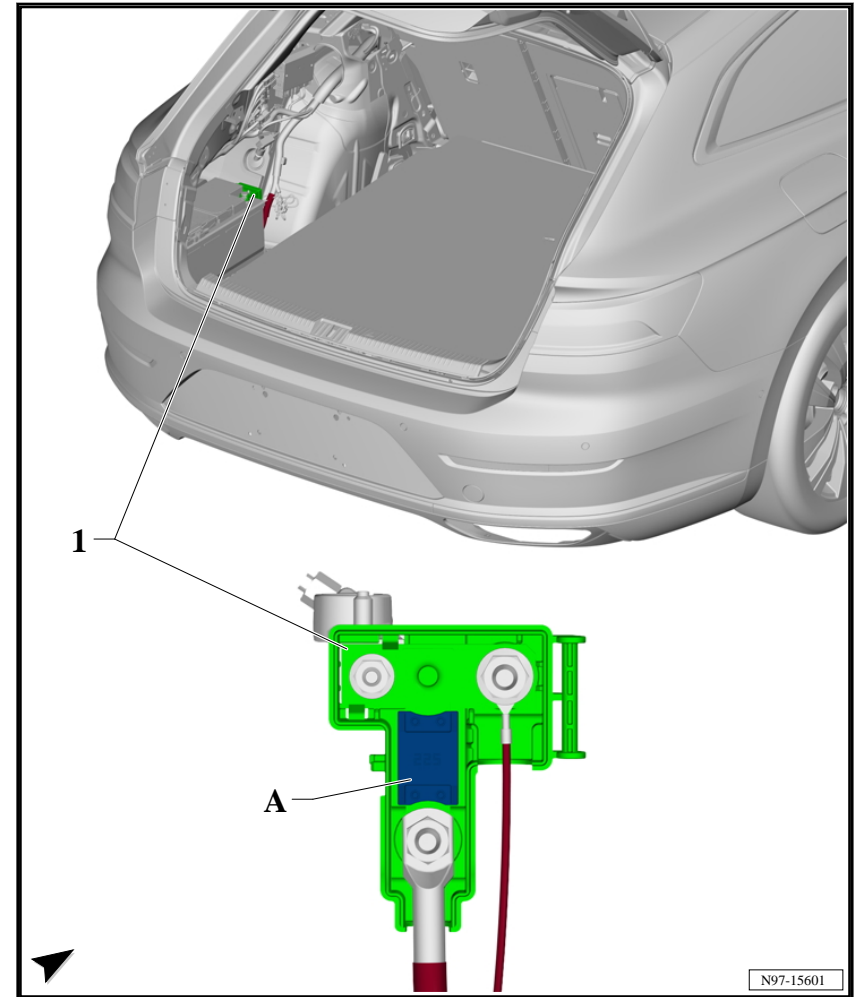
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Fuse colours for J-Case fuse:

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

1 - Fuse holder F -SF-



⇒ Rep. Gr. 97; Removing and installing fuse holder

**i** Note

The fuse strip (multifuse) can be replaced as a complete unit.

Slot	Current flow diagram designation	Nominal value	Function / component	Terminal
G	not assigned	-		-
H	Fuse 1 on fuse carrier 9 -S407-	7.5 A	DC/AC converter with socket, 12 V - 230 V -U13-	30
I	not assigned	-		-
J	not assigned	-		-
K	not assigned	-		-
L	not assigned	-		-
M	not assigned	-		-
N	not assigned	-		-

Back to overview ⇒ [page 1](#)

### 1.34 High-voltage system fuse 3 -S353-, from November 2020



Note

For models with hybrid drive

- ◆ ⇒ [1.34.1 location of high-voltage system fuse 3S353, from November 2020", page 180](#)
- ◆ ⇒ [a1.34.2 assignment for high-voltage system fuse 3S353, from November 2020", page 181](#)

#### 1.34.1 Fitting location of high-voltage system fuse 3 -S353-, from November 2020

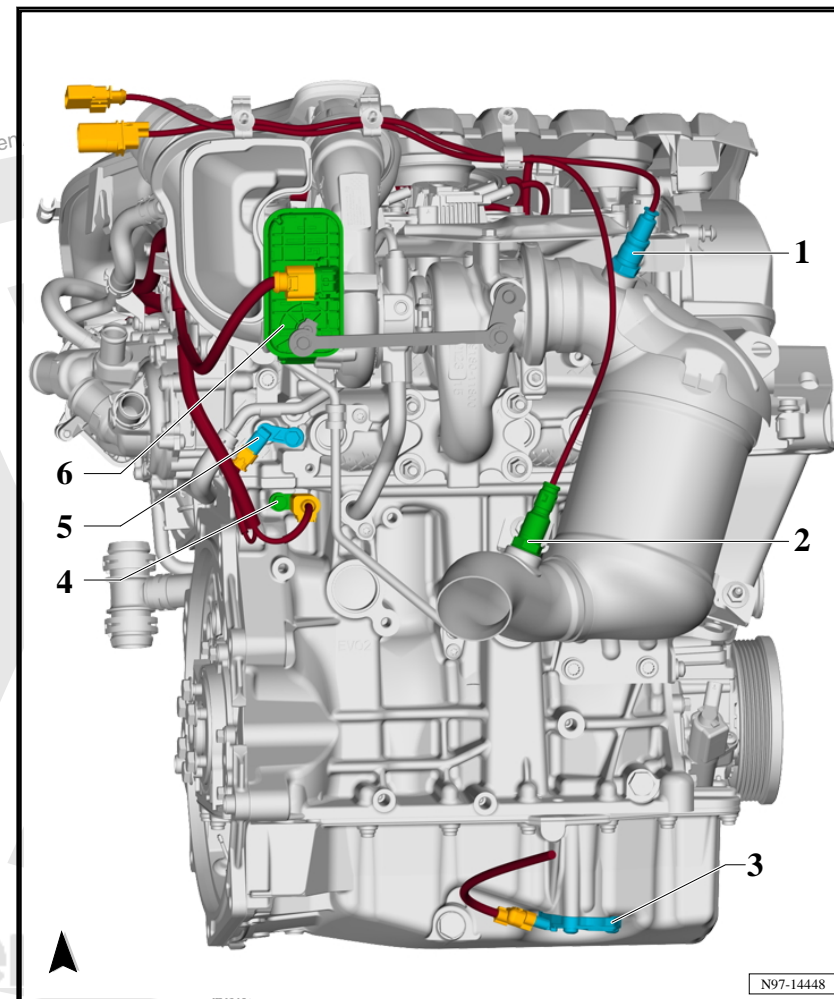
1 Fitting location: front part of vehicle

- ◆ ⇒ [v1.1 iew from front", page 27](#)
- ◆ ⇒ [v1.2 iew from left", page 28](#)
- ◆ ⇒ [v1.3 iew from right", page 31](#)
- ◆ ⇒ [v1.4 iew from right, additional components for vehicles with hybrid drive", page 36](#)
- ◆ ⇒ [p1.5 etrol engine, DGEB, for models with hybrid drive system", page 38](#)
- ◆ ⇒ [p1.6 etrol engine, DADA, DPCA", page 41](#)
- ◆ ⇒ [p1.7 etrol engine, CZPB, DJHC, DKZA, DLRB, DNUA, DUNA", page 45](#)
- ◆ ⇒ [p1.8 etrol engine, DNNA", page 54](#)
- ◆ ⇒ [p1.9 etrol engine, DNFE, DNFG, DSFB", page 59](#)
- ◆ ⇒ [d1.10 iesel engine, CRGA, DBGA, DFGA, DFHA", page 63](#)
- ◆ ⇒ [d1.11 iesel engine, DSRA, DSRB, DTSA, DTSB, DTUA", page 68](#)
- ◆ ⇒ [b1.12 i-turbo diesel engine, CUA", page 71](#)
- ◆ ⇒ [c1.13 lutch gearbox", page 75](#)
- ◆ ⇒ [g1.14 earbox", page 80](#)
- ◆ ⇒ [g1.15 earbox, 09P", page 81](#)

Component	Chapter	Comment
Maintenance connector for high-voltage system -TW-	⇒ <a href="#">v1.4.1 iew from right, additional components for vehicles with hybrid drive", page 36</a>	
Battery -A-	⇒ <a href="#">v1.2.2 iew from left, part 2", page 29</a>	For models with battery in engine compartment
Battery -A-	⇒ Fitting locations: rear part of vehicle	For models with battery in luggage compartment
Charging unit 1 for high-voltage battery -AX4-	⇒ <a href="#">v1.4.1 iew from right, additional components for vehicles with hybrid drive", page 36</a>	
Starter -B-	⇒ <a href="#">c1.13.1 lutch gearbox 0GC", page 76</a>	
Starter -B-	⇒ <a href="#">c1.13.2 lutch gearbox 0DL", page 76</a>	
Starter -B-	⇒ <a href="#">c1.13.3 lutch gearbox 0D9", page 77</a>	
Starter -B-	⇒ <a href="#">g1.14.1 earbox, 02S", page 80</a>	
Starter -B-	⇒ <a href="#">g1.14.2 earbox, 0FB", page 81</a>	
Starter -B-	⇒ <a href="#">g1.15 earbox, 09P", page 81</a>	

Component	Chapter	Comment
Front overhead view camera -R243-	⇒ <a href="#">v1.1 iew from front", page 27</a>	
Actuator 1 for engine sound generator -R257-	⇒ <a href="#">v1.4.1 iew from right, additional components for vehicles with hybrid drive", page 36</a>	
10-pin connector -T10a-	⇒ <a href="#">v1.1 iew from front", page 27</a>	
10-pin connector -T10aj-	⇒ <a href="#">v1.3.2 iew from right, part 2", page 34</a>	
10-pin connector -T10ak-	⇒ <a href="#">v1.2.2 iew from left, part 2", page 29</a>	
10-pin connector -T10be-	⇒ <a href="#">v1.2.2 iew from left, part 2", page 29</a>	
10-pin connector -T10bf-	⇒ <a href="#">v1.2.2 iew from left, part 2", page 29</a>	
10-pin connector -T10s-	⇒ <a href="#">v1.3.2 iew from right, part 2", page 34</a>	
10-pin connector -T10t-	⇒ <a href="#">v1.2.2 iew from left, part 2", page 29</a>	
10-pin connector -T10u-	⇒ <a href="#">v1.1 iew from front", page 27</a>	
14-pin connector -T14a-	⇒ <a href="#">v1.2.2 iew from left, part 2", page 29</a>	
14-pin connector -T14aa-	⇒ <a href="#">p1.8.1 etrol engine, DNNA, from front", page 54</a>	
14-pin connector -T14aa-	⇒ <a href="#">p1.9.1 etrol engine, DNFE, DNFG, DSFB, from front", page 59</a>	
14-pin connector -T14ae-	⇒ <a href="#">p1.7.1 etrol engine, CZPB, DJHC, DKZA, DLRB, DNUA, DUNA, from front", page 46</a>	
14-pin connector -T14ae-	⇒ <a href="#">p1.8.1 etrol engine, DNNA, from front", page 54</a>	
14-pin connector -T14ae-	⇒ <a href="#">p1.9.1 etrol engine, DNFE, DNFG, DSFB, from front", page 59</a>	
14-pin connector -T14af-	⇒ <a href="#">p1.7.1 etrol engine, CZPB, DJHC, DKZA, DLRB, DNUA, DUNA, from front", page 46</a>	
14-pin connector -T14as-	⇒ <a href="#">v1.2.2 iew from left, part 2", page 29</a>	
14-pin connector -T14b-	⇒ <a href="#">p1.7.1 etrol engine, CZPB, DJHC, DKZA, DLRB, DNUA, DUNA, from front", page 46</a>	
14-pin connector -T14b-	⇒ <a href="#">p1.7.1 etrol engine, CZPB, DJHC, DKZA, DLRB, DNUA, DUNA, from front", page 46</a>	
14-pin connector -T14c-	⇒ <a href="#">v1.2.2 iew from left, part 2", page 29</a>	
14-pin connector -T14d-	⇒ <a href="#">v1.2.2 iew from left, part 2", page 29</a>	
14-pin connector -T14i-	⇒ <a href="#">v1.2.2 iew from left, part 2", page 29</a>	
14-pin connector -T14j-	⇒ <a href="#">v1.2.2 iew from left, part 2", page 29</a>	
14-pin connector -T14l-	⇒ <a href="#">v1.2.2 iew from left, part 2", page 29</a>	
14-pin connector -T14l-	⇒ <a href="#">v1.2.2 iew from left, part 2", page 29</a>	
14-pin connector -T14l-	⇒ <a href="#">v1.2.2 iew from left, part 2", page 29</a>	
14-pin connector -T14l-	⇒ <a href="#">v1.2.2 iew from left, part 2", page 29</a>	
14-pin connector -T14l-	⇒ <a href="#">v1.2.2 iew from left, part 2", page 29</a>	

- 1 - Lambda probe 1 before catalytic converter -GX10-
- 2 - Lambda probe 1 after catalytic converter -GX7-
- 3 - Oil level and oil temperature sender -G266-
- 4 - Engine outlet coolant temperature sender -G82-
- 5 - Coolant temperature sender -G62-
- 6 - Charge pressure control module -GX34-

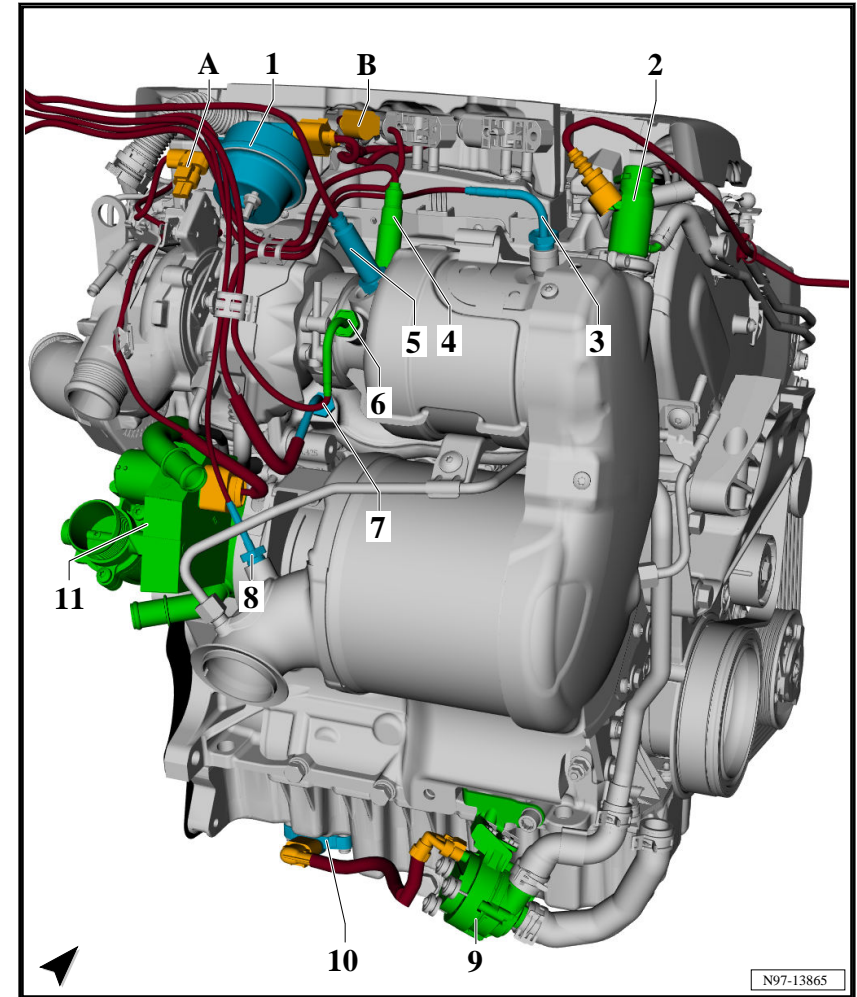


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1.7 2.0l petrol engine, CZPB, DJHC, DKZA, DLRB, DNUA, DUNA

- ◆ ⇒ [p1.7.1 etrol engine, CZPB, DJHC, DKZA, DLRB, DNUA, DUNA, from front”, page 46](#)
- ◆ ⇒ [p1.7.2 etrol engine, CZPB, DKZA, DUNA, from above”, page 48](#)
- ◆ ⇒ [p1.7.3 etrol engine, DJHC, DLRB, DNUA, from above”, page 48](#)

- A - 3-pin connector -T3aa-
- B - 2-pin connector -T2bt-
- 1 - Position sender for charge pressure positioner -G581-
- 2 - Injector for reducing agent -N474-
- 3 - Exhaust gas temperature sender 3 -G495-
- 4 - Lambda probe 1 before catalytic converter -GX10-
- 5 - NOx sender -G295-
- 6 - Exhaust gas temperature sender 2 -G448-
- 7 - Exhaust gas temperature sender 1 -G235-
- 8 - Exhaust gas temperature sender 4 -G648-
- 9 - Auxiliary pump for heating -V488-
- 10 - Oil level and oil temperature sender -G266-
- 11 - Exhaust gas recirculation valve 2 -GX6-



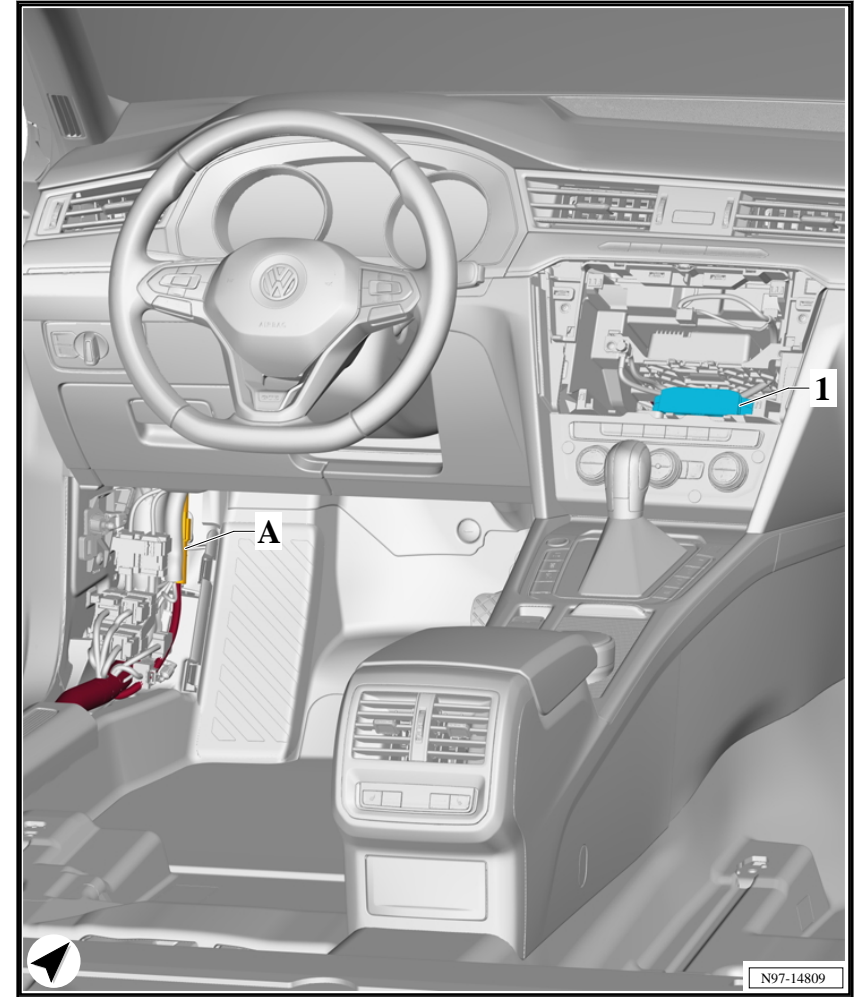
Component	Chapter	Comment
Display unit for front information display and operating unit control unit -J685-	⇒ <a href="#">p1.1.10 anel, right-hand drive models, from March 2017", page 37</a>	
Display unit for front information display and operating unit control unit -J685-	⇒ <a href="#">p1.1.11 anel, right-hand drive models, from July 2020", page 38</a>	
Seat occupied recognition control unit -J706-	⇒ <a href="#">f1.1.17 ront seat", page 46</a>	
Massage control unit -J740-	⇒ <a href="#">f1.1.16 ront seat", page 43</a>	For left-hand drive models
Massage control unit -J740-	⇒ <a href="#">f1.1.17 ront seat", page 46</a>	For right-hand drive models
Control unit for cornering light and headlight range control -J745-	⇒ <a href="#">f1.1.4 ootwell, LHD models", page 30</a>	
Control unit for cornering light and headlight range control -J745-	⇒ <a href="#">f1.1.5 ootwell, RHD models", page 31</a>	
Control unit for electronic steering column lock -J764-	⇒ <a href="#">f1.1.4 ootwell, LHD models", page 30</a>	
Control unit for electronic steering column lock -J764-	⇒ <a href="#">f1.1.5 ootwell, RHD models", page 31</a>	
Control unit 1 for information electronics -J794-	⇒ <a href="#">I1.1.2 eft of interior, RHD models", page 26</a>	
Control unit 1 for information electronics -J794-	⇒ <a href="#">r1.1.6 ight of interior, LHD models", page 32</a>	
Driver seat adjustment control unit -J810-	⇒ <a href="#">f1.1.16 ront seat", page 43</a>	For left-hand drive models
Driver seat adjustment control unit -J810-	⇒ <a href="#">f1.1.17 ront seat", page 46</a>	For right-hand drive models
Control unit for Head-up Display -J898-	⇒ <a href="#">p1.1.8 anel, left-hand drive models, from March 2017", page 35</a>	
Control unit for Head-up Display -J898-	⇒ <a href="#">p1.1.9 anel, left-hand drive models, from July 2020", page 36</a>	
Control unit for Head-up Display -J898-	⇒ <a href="#">p1.1.10 anel, right-hand drive models, from March 2017", page 37</a>	
Control unit for Head-up Display -J898-	⇒ <a href="#">p1.1.11 anel, right-hand drive models, from July 2020", page 38</a>	
Rear driver side door control unit -J926-	⇒ <a href="#">I1.4.5 eft door", page 74</a>	For left-hand drive models
Rear driver side door control unit -J926-	⇒ <a href="#">r1.4.6 ight door", page 76</a>	For right-hand drive models
Rear passenger side door control unit -J927-	⇒ <a href="#">I1.4.5 eft door", page 74</a>	For right-hand drive models
Rear passenger side door control unit -J927-	⇒ <a href="#">r1.4.6 ight door", page 76</a>	For left-hand drive models
Control unit for overhead view camera -J928-	⇒ <a href="#">r1.1.6 ight of interior, LHD models", page 32</a>	
Control unit for overhead view camera -J928-	⇒ <a href="#">r1.1.7 ight of interior, RHD models", page 34</a>	
Engine sound generator control unit -J943-	⇒ <a href="#">I1.1.3 eft of interior, additional components for vehicles with hybrid drive", page 28</a>	
Emergency call module control unit and communication unit -J949-	⇒ <a href="#">c1.1.14 entre console, LHD models", page 41</a>	

A - 1-pin electrical connector -T1ahy-, black / 1-pin electrical connector -T1ahz-, black

- ❑ Fitting location for right-hand drive models on same side of vehicle

1 - Engine sound generator control unit -J943-

- ❑ Fitting location for right-hand drive models on same side of vehicle



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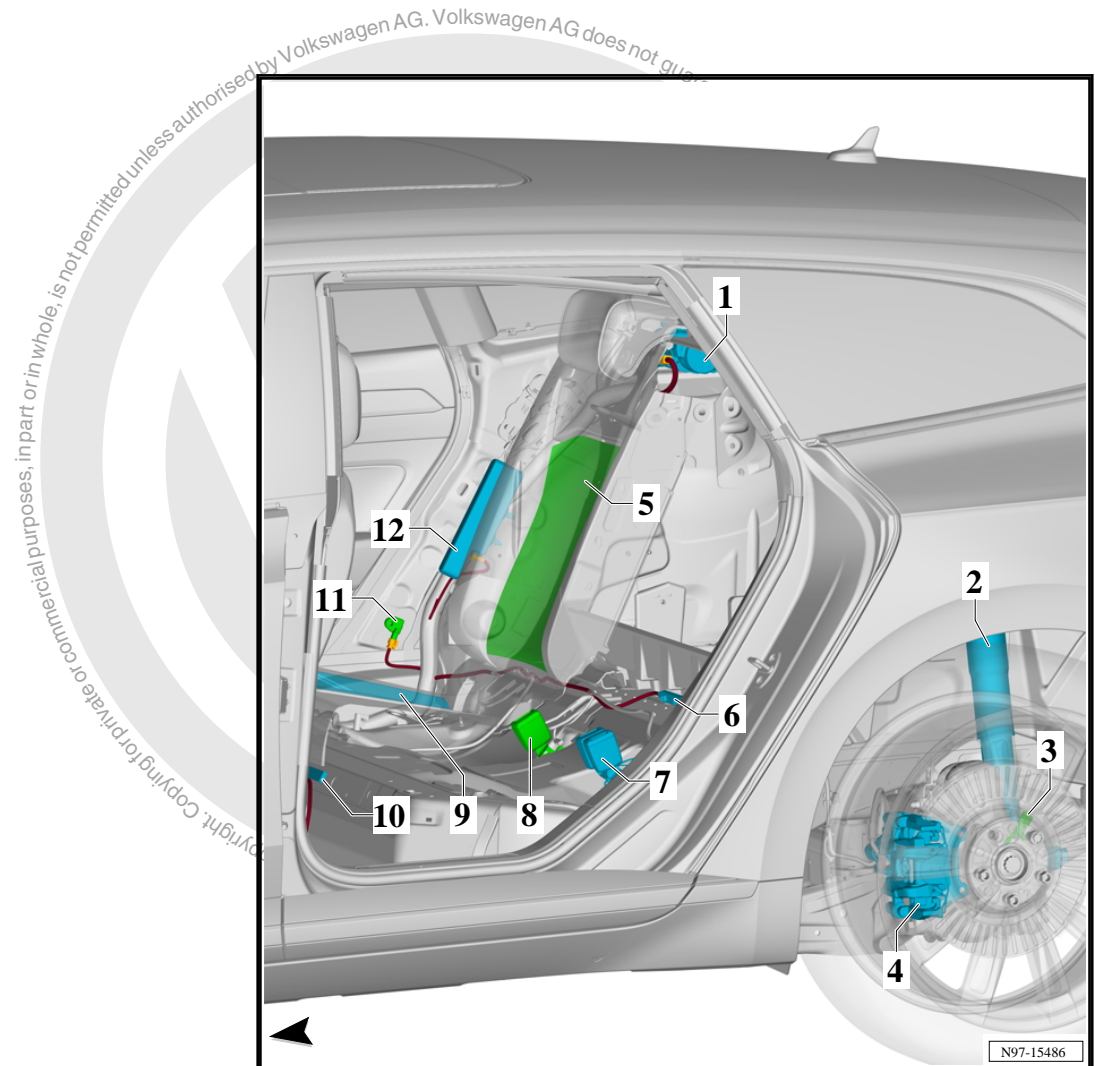
### 1.2.2 Rear interior, view from left, Sportback



Note

For Sportback

- 1 - Rear belt tensioner igniter on passenger side -N197-
  - For left-hand drive models
- 1 - Rear belt tensioner igniter on driver side -N196-
  - For right-hand drive models
- 2 - Rear left shock absorber damping adjustment valve -N338-
- 3 - Rear left speed sensor -G46-
- 4 - Left parking brake motor -V282-
- 5 - Heated backrest for rear right seat -Z13-
- 6 - Luggage compartment aerial for entry and start system -R137-
- 7 - Twin belt buckle -FX4-
- 8 - Belt switch for seat row 2, passenger side -F392-
  - For left-hand drive models
- 8 - Belt switch for seat row 2, driver side -F390-
  - For right-hand drive models
- 9 - Rear right seat heating -ZX12-
- 10 - Interior aerial 2 for entry and start system -R139-
- 11 - Rear side airbag crash sensor on passenger side -G257-
  - For left-hand drive models
- 11 - Rear side airbag crash sensor on driver side -G256-
  - For right-hand drive models
- 12 - Rear side airbag igniter on passenger side -N202-
  - For left-hand drive models
- 12 - Rear side airbag igniter on driver side -N201-
  - For right-hand drive models



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### 1.4.4 Front passenger door, right-hand drive models



*For right-hand drive models*



A - 3-pin electrical connector -T3ak-, black / 3-pin electrical connector -T3bk-, black

For models with no parking aid

A - 10-pin electrical connector -T10j-, black / 10-pin electrical connector -T10ae-, black

For models with parking aid

1 - Rear right parking aid sender -G206-

2 - Rear right park assist steering sender -G717-

3 - Lane change assist control unit -J769-

4 - LTE aerial 2 -R306-

5 - Tyre Pressure Monitoring System control unit -J502-

6 - Rear lid power opening control unit -J938-

7 - Rear lid power opening sender -G750-

8 - Rear lid power opening sender 2 -G760-

9 - Trailer socket -U10-

10 - Trailer towing coupling -VX15-

11 - LTE aerial 1 -R297-

For models with no mobile online services

12 - Lane change assist control unit 2 -J770-

13 - Rear left parking aid sender -G203-

14 - Rear left park assist steering sender -G716-

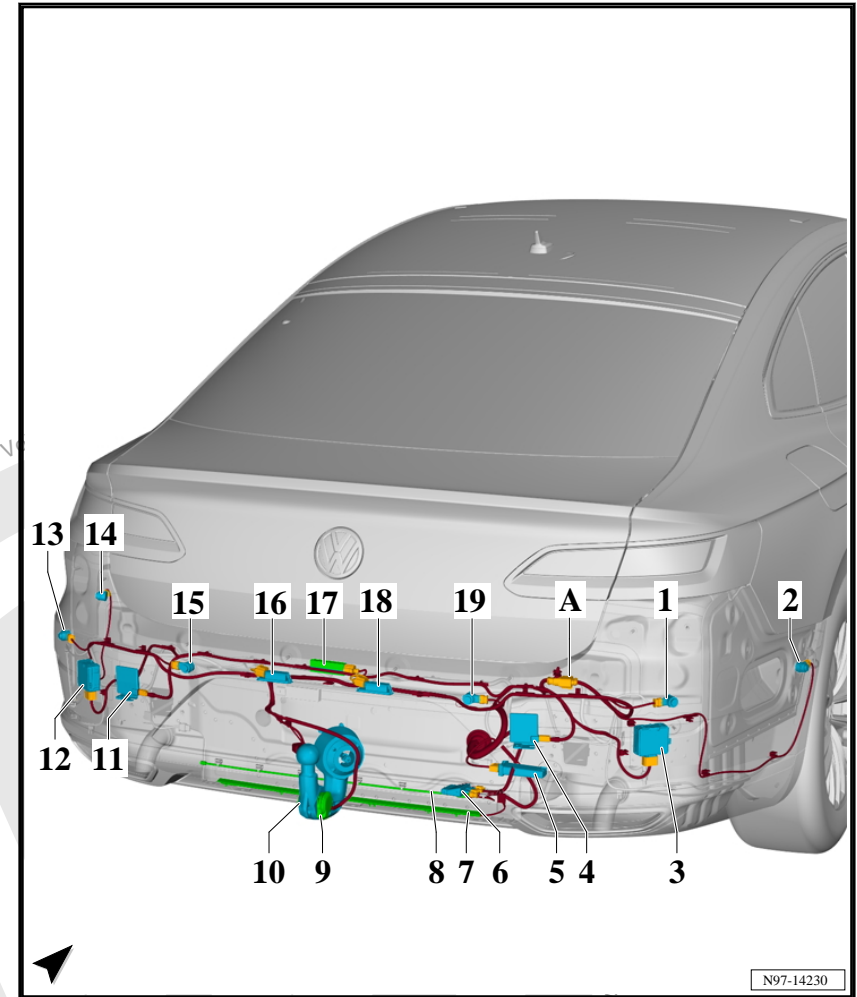
15 - Rear centre left parking aid sender -G204-

16 - Left number plate light -X4-

17 - Rear bumper aerial for entry and start system -R136-

18 - Right number plate light -X5-

19 - Rear centre right parking aid sender -G205-



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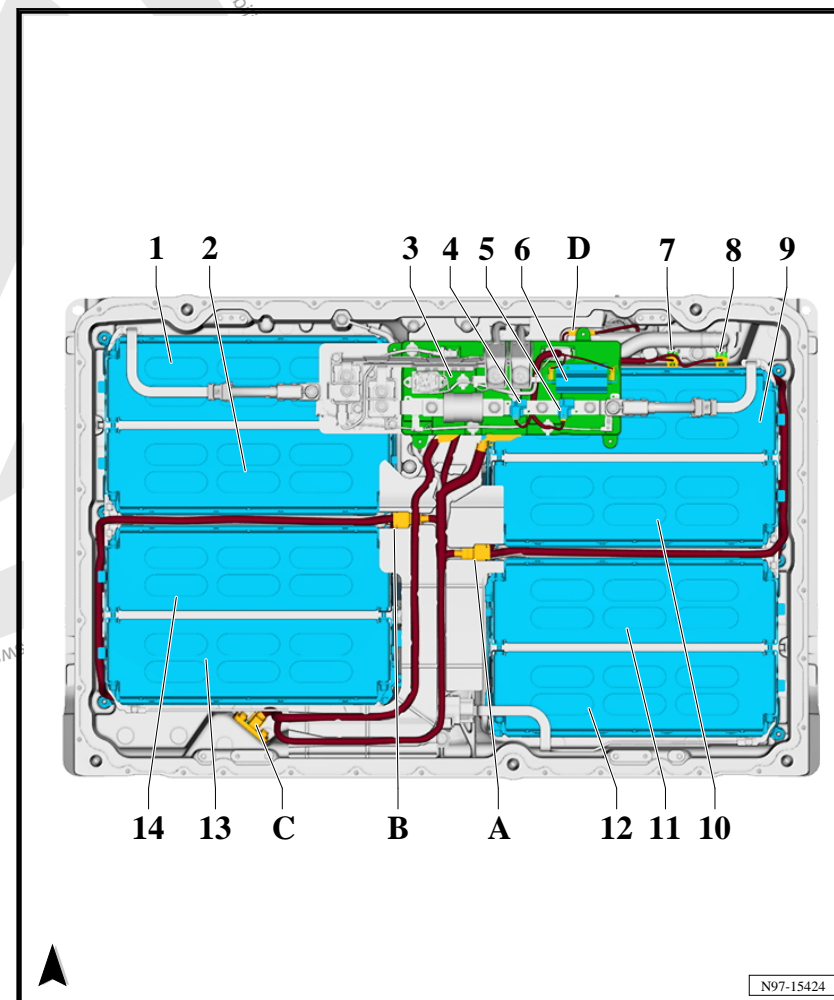
## 1.6 High-voltage battery system



Note

*For models with hybrid drive*

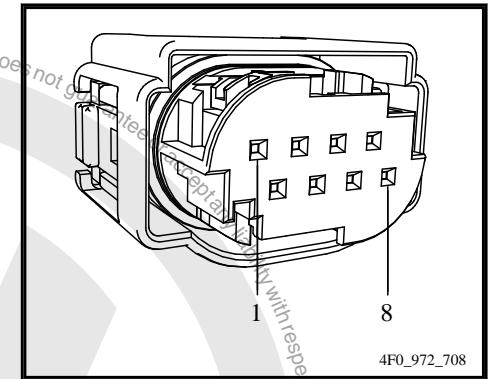
- A - 10-pin connector -T10bs-, red/10-pin connector -T10bt-, red
- B - 10-pin connector -T10bq-, black/10-pin connector -T10br-, black
- C - 14-pin connector -T14u-, black/14-pin connector -T14ab-, black
- D - 2-pin connector -T2tf-, black/2-pin connector -T2tg-, black
- 1 - Battery module 7 -J997-
- 2 - Battery module 6 -J996-
- 3 - Module monitor control unit for batteries -J497-
- 4 - Current sensor for high-voltage battery -G848-
- 5 - Current sensor 2 for high-voltage battery -G1131-
- 6 - Protection resistor for high-voltage battery -N662-
- 7 - Battery temperature sender -G729-
- 8 - Battery temperature sender 2 -G734-
- 9 - Battery module 0 -J1068-
- 10 - Battery module 1 -J991-
- 11 - Battery module 2 -J992-
- 12 - Battery module 3 -J993-
- 13 - Battery module 4 -J994-
- 14 - Battery module 5 -J995-



N97-15424

1.11.3 8-pin connector -T8j-

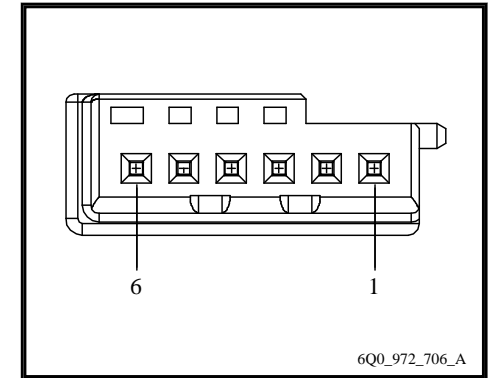
8-pin connector -T8j-



1.12 Remote release button for fuel filler flap and rear lid -E463-

1.12.1 4-pin connector -T4fd-

4-pin connector -T4fd-

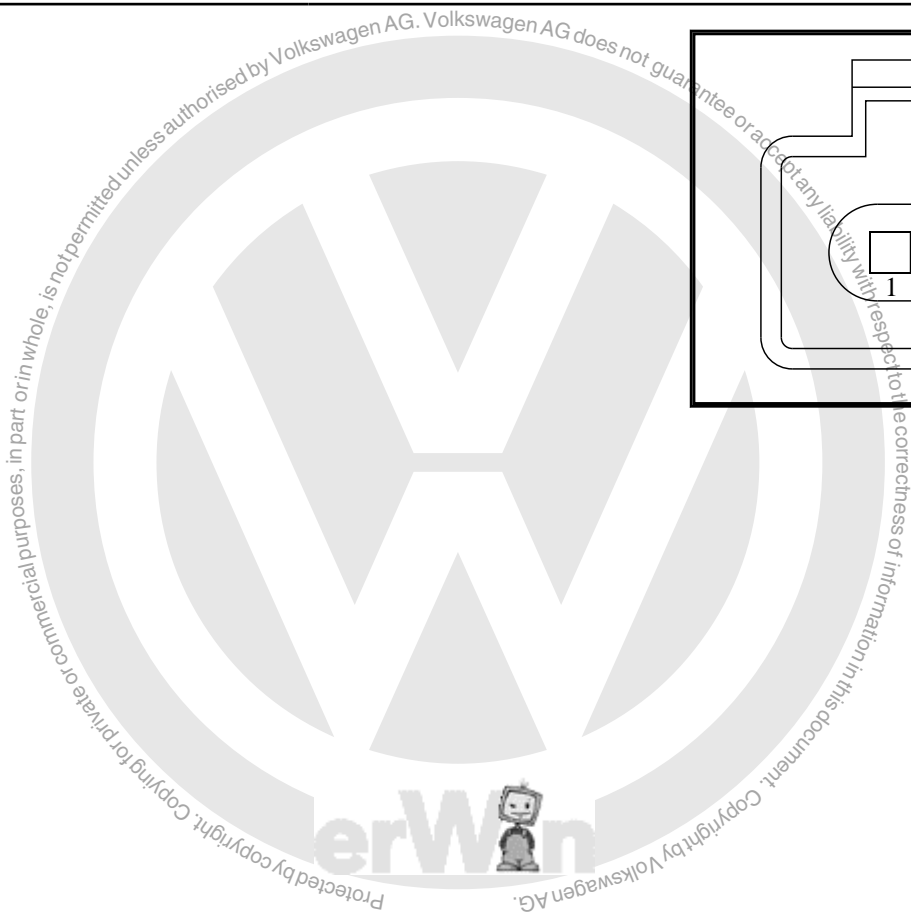
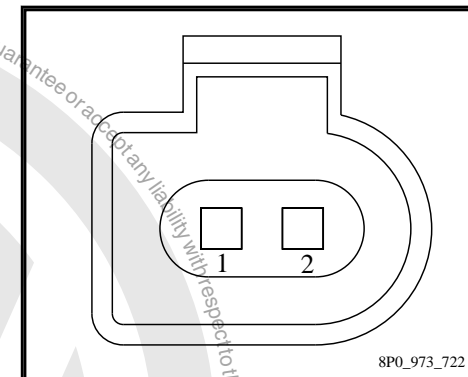


**1.29 Heater and air conditioning controls -EX21-**

- ◆ ⇒ [c1.29.1 onnectorT16o", page 36](#)
- ◆ ⇒ [c1.29.2 onnectorT16p", page 37](#)
- ◆ ⇒ [c1.29.3 onnectorT20g", page 38](#)

**1.29.1 16-pin connector -T16o-**

16-pin connector -T16o-

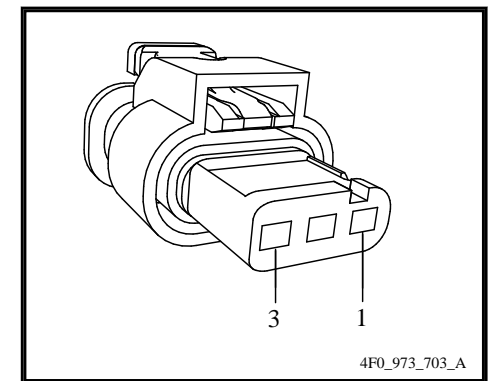
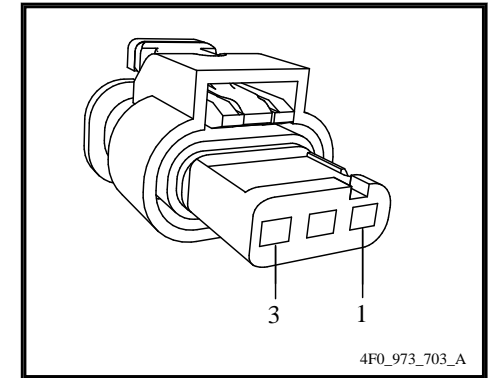


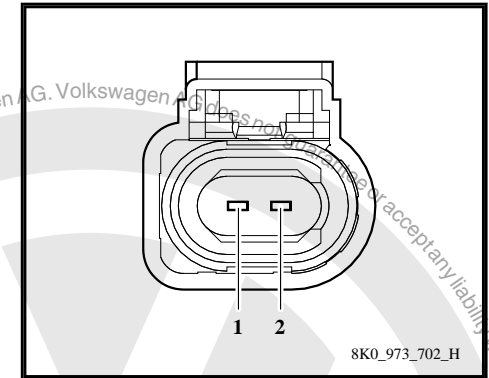
1.10 Actuator 1 for camshaft adjustment -F366-

1.10.1 2-pin connector -T2sl-

2-pin connector -T2sl-

1.2.4 3-pin connector -T3m-  
3-pin connector -T3m-





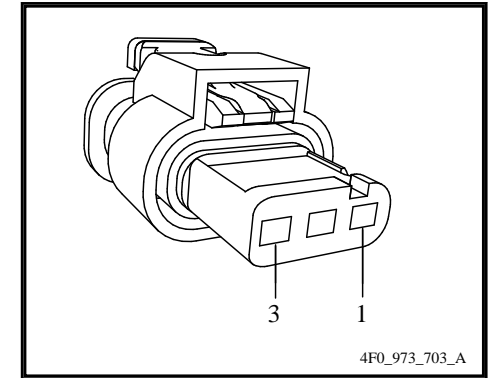
1.18 Sunlight penetration photosensor -G107-

1.18.1 6-pin connector -T6ag-

6-pin connector -T6ag-

1.34.2 3-pin connector -T3fv-

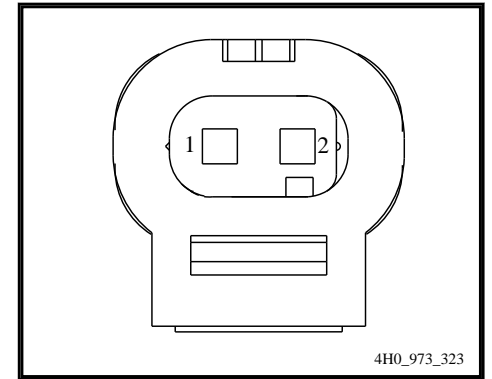
3-pin connector -T3fv-



1.34.3 3-pin connector -T3j-

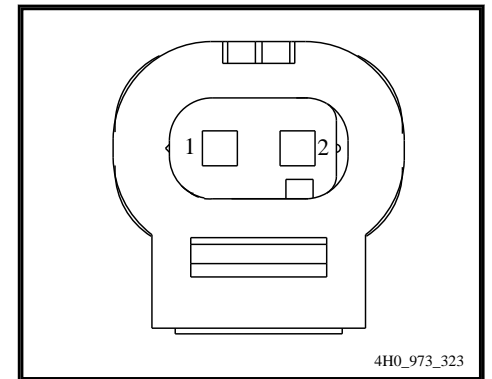
3-pin connector -T3j-

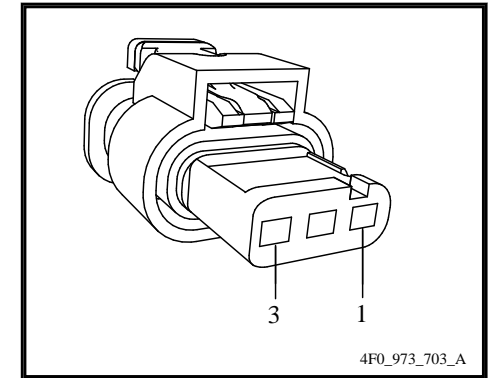




1.51.2 2-pin connector -T2ej-

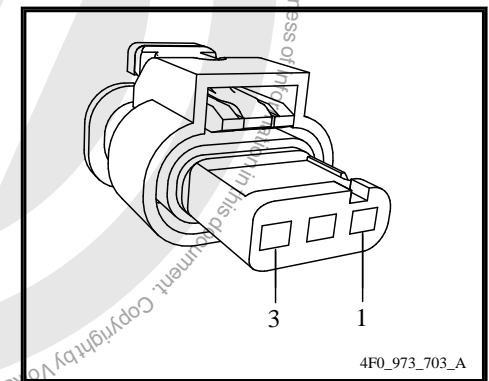
2-pin connector -T2ej-



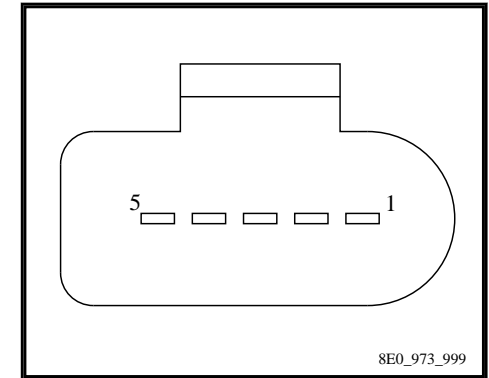


### 1.73.2 3-pin connector -T3et-

3-pin connector -T3et-



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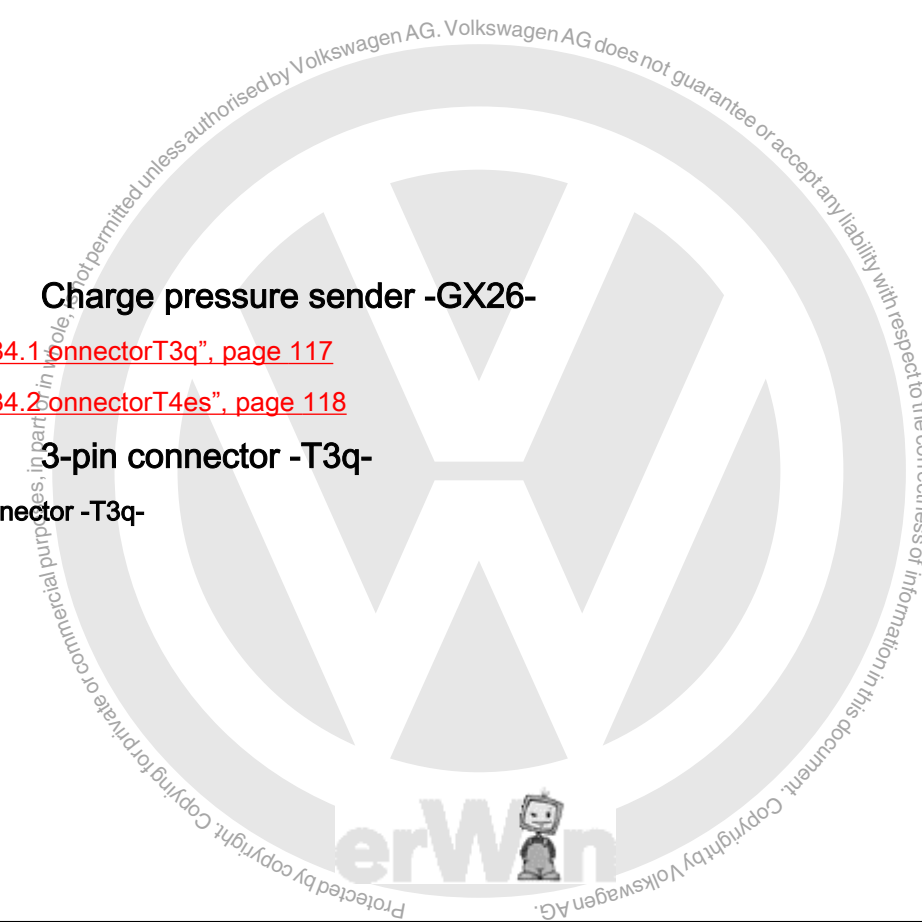


**1.84 Charge pressure sender -GX26-**

- ◆ ⇒ [c1.84.1 connector T3q", page 117](#)
- ◆ ⇒ [c1.84.2 connector T4es", page 118](#)

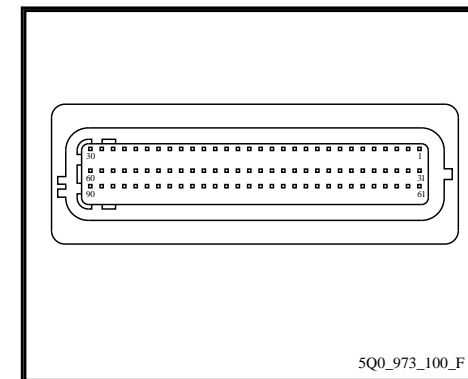
**1.84.1 3-pin connector -T3q-**

**3-pin connector -T3q-**



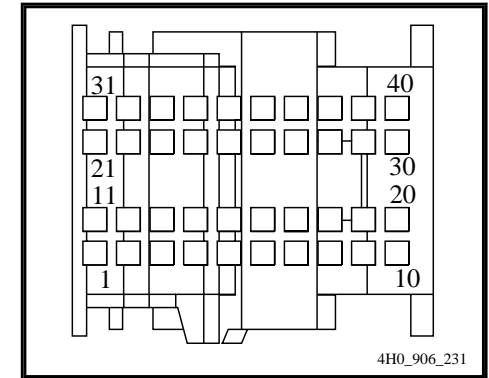
1.4.3 90-pin connector -T90d-

90-pin connector -T90d-



1.4.4 90-pin connector -T90e-

90-pin connector -T90e-

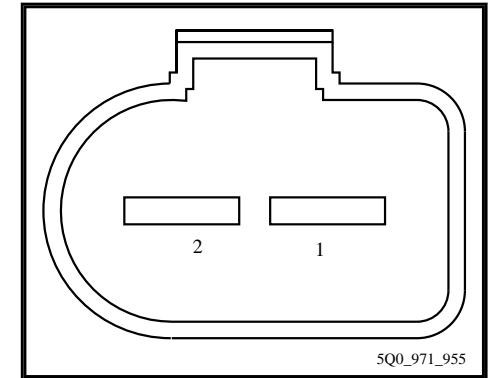


**1.20 Onboard supply control unit -J519-**

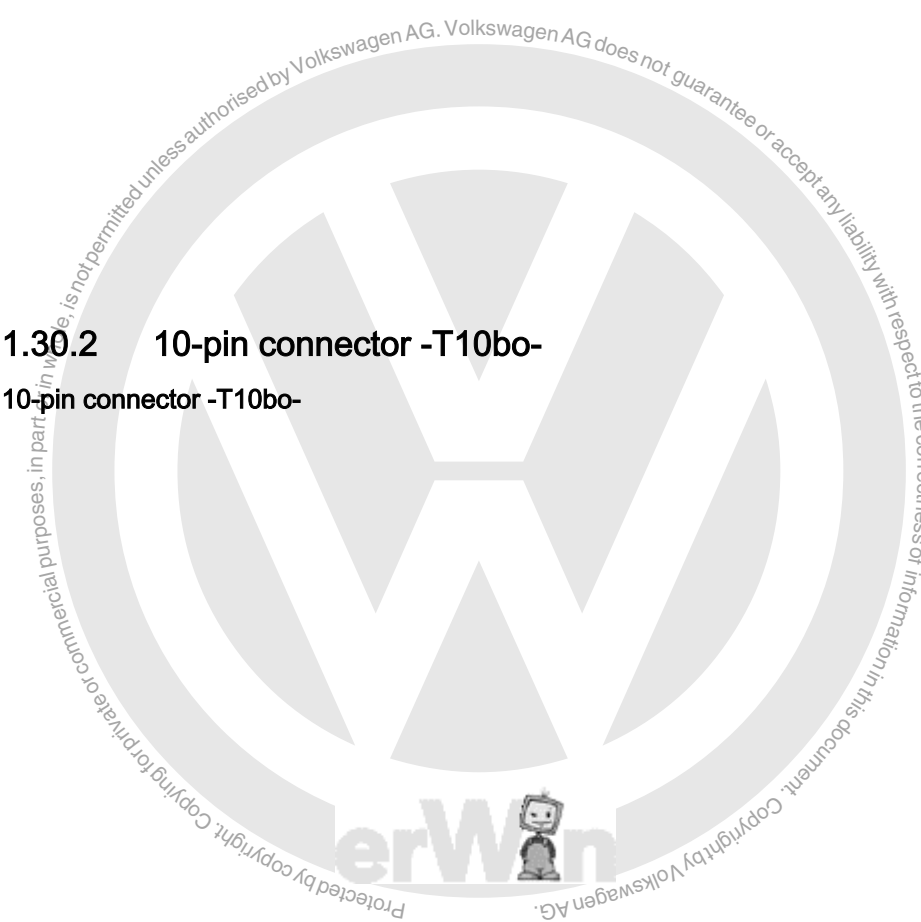
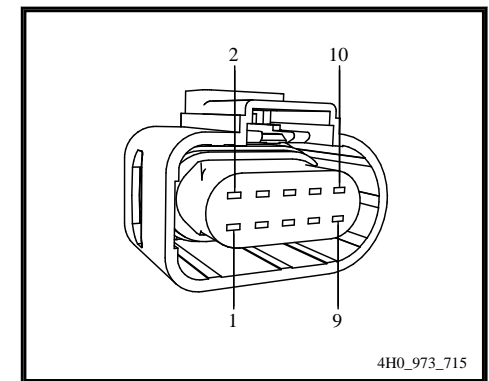
- ◆ ⇒ [c1.20.1 onnectorT46b", page 29](#)
- ◆ ⇒ [c1.20.2 onnectorT73a", page 30](#)
- ◆ ⇒ [c1.20.3 onnectorT73b", page 31](#)
- ◆ ⇒ [c1.20.4 onnectorT73c", page 31](#)
- ◆ ⇒ [c1.20.5 onnectorT73d", page 32](#)

**1.20.1 46-pin connector -T46b-**

46-pin connector -T46b-

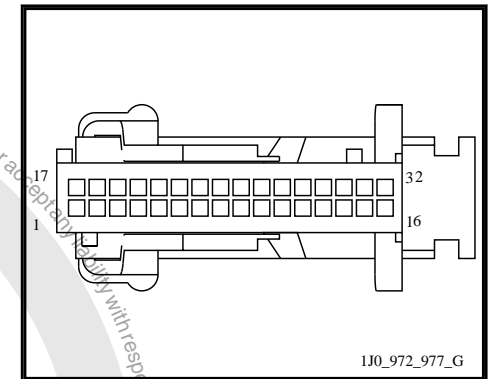


1.30.2 10-pin connector -T10bo-  
10-pin connector -T10bo-



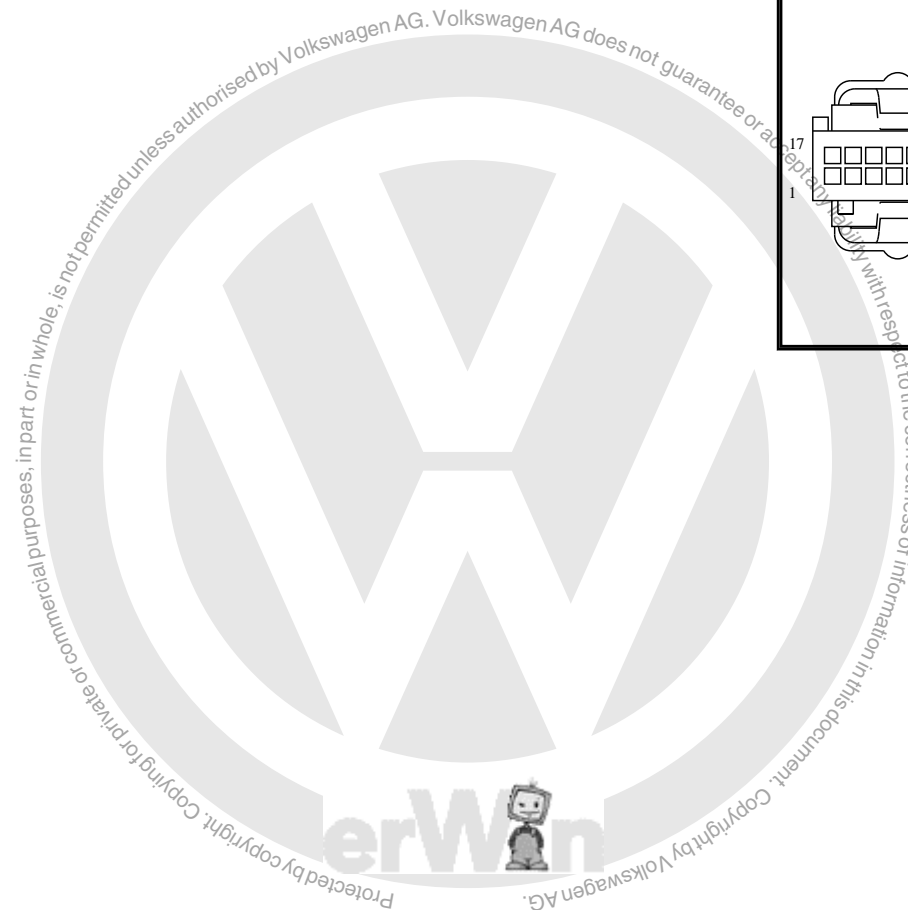
1.36.8 32-pin connector -T32d-

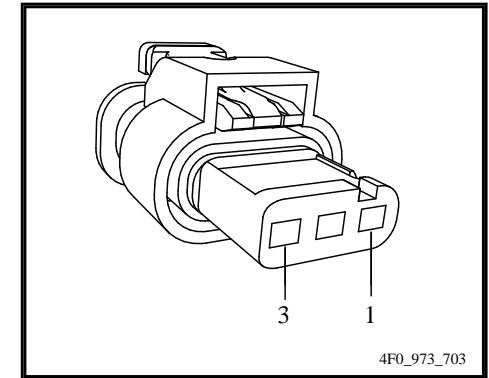
32-pin connector -T32d-



1.37 Control unit for navigation system -J856-

- ◆ ⇒ [c1.37.1 onnectorT2hk](#)", page 74
- ◆ ⇒ [c1.37.2 onnectorT2hu](#)", page 74
- ◆ ⇒ [c1.37.3 onnectorT10ag](#)", page 75





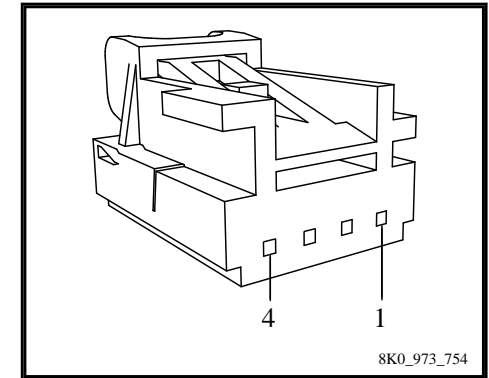
**1.49 Emergency call module control unit and communication unit -J949-**

- ◆ ⇒ [c1.49.1 onnectorT4cn", page 95](#)
- ◆ ⇒ [c1.49.2 onnectorT26b", page 96](#)
- ◆ ⇒ [c1.49.3 onnectorT36a", page 97](#)

**1.49.1 4-pin connector -T4cn-**

**4-pin connector -T4cn-**





1.13 Light for front left door contour lighting -L251-

1.13.1 4-pin connector -T4ad-

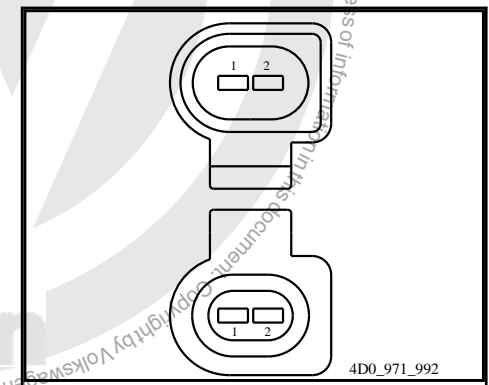
4-pin connector -T4ad-

### 1.3 Injector, cylinder 3 -N32-

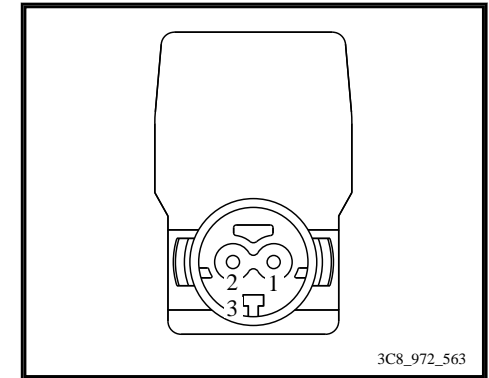
- ◆ ⇒ [c1.3.1 onnectorT2d", page 11](#)
- ◆ ⇒ [c1.3.2 onnectorT2jo", page 12](#)
- ◆ ⇒ [c1.3.3 onnectorT2pb", page 12](#)
- ◆ ⇒ [c1.3.4 onnectorT2td", page 13](#)
- ◆ ⇒ [c1.3.5 onnectorT3fg", page 14](#)

#### 1.3.1 2-pin connector -T2d-

2-pin connector -T2d-



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**1.19 Rear side airbag igniter on passenger side -N202-**

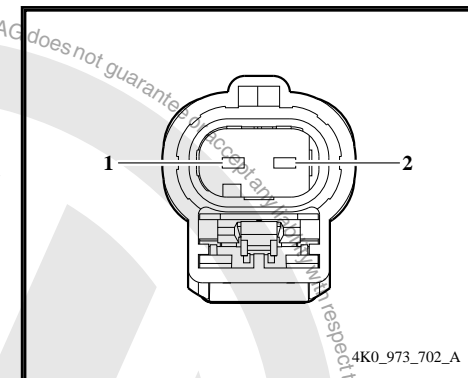
**1.19.1 3-pin connector -T3bh-**

**3-pin connector -T3bh-**



1.35.1 2-pin connector -T2ml-

2-pin connector -T2ml-

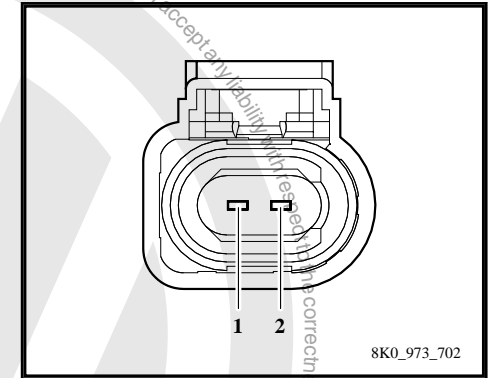


1.35.2 2-pin connector -T2sw-

2-pin connector -T2sw-

2-pin connector -T2tj-

2-pin connector -T2tj-



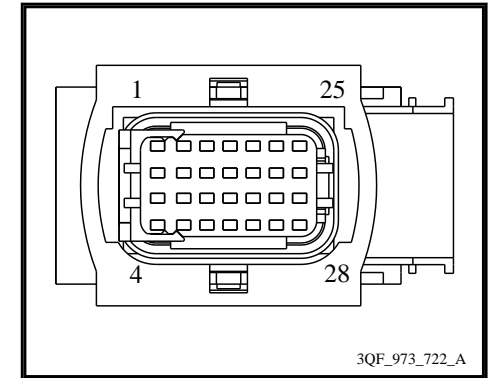
1.51 Exhaust cam actuator A for cylinder 1 -N580-

◆ ⇒ [c1.51.1 onnectorT2aa", page 77](#)

◆ ⇒ [c1.51.2 onnectorT2mn", page 78](#)

1.51.1 2-pin connector -T2aa-

2-pin connector -T2aa-

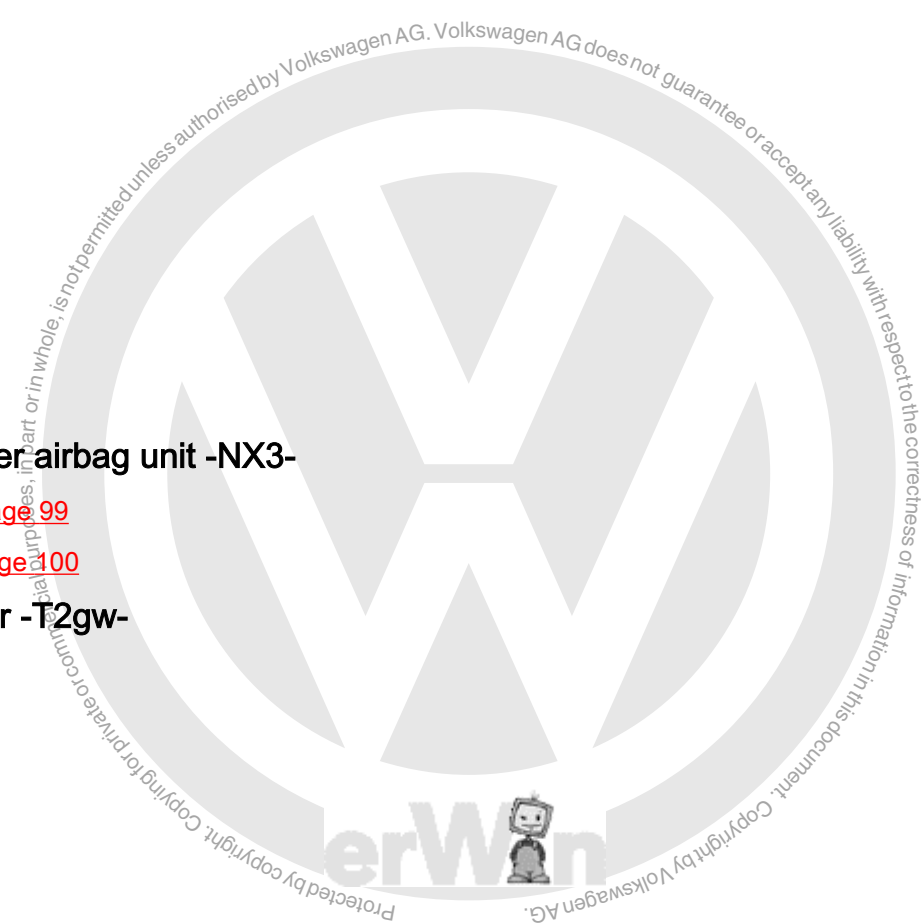


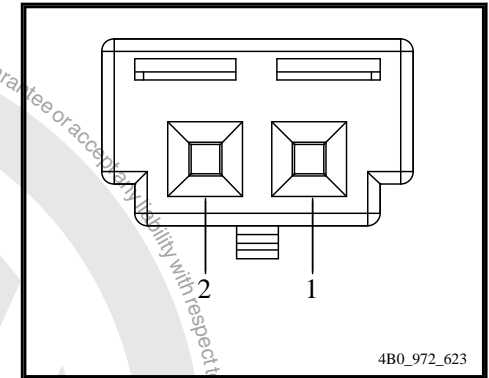
1.68 Front passenger airbag unit -NX3-

- ◆ ⇒ [c1.68.1 onnectorT2gw", page 99](#)
- ◆ ⇒ [c1.68.2 onnectorT3bo", page 100](#)

1.68.1 2-pin connector -T2gw-

2-pin connector -T2gw-





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**1.7 Remote control receiver for auxiliary coolant heater -R149-**

◆ ⇒ [c1.7.1 onnectorT2hg", page 7](#)

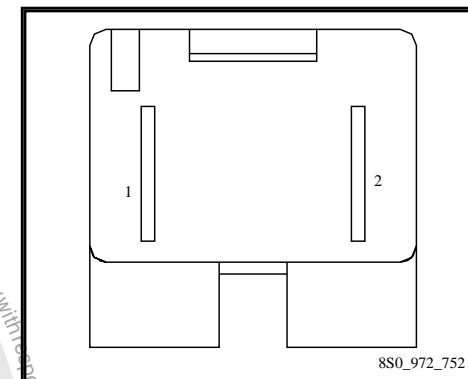
◆ ⇒ [c1.7.2 onnectorT6ap", page 8](#)

**1.7.1 2-pin connector -T2hg-**

2-pin connector -T2hg-

1.2.2 2-pin connector -T2ex-

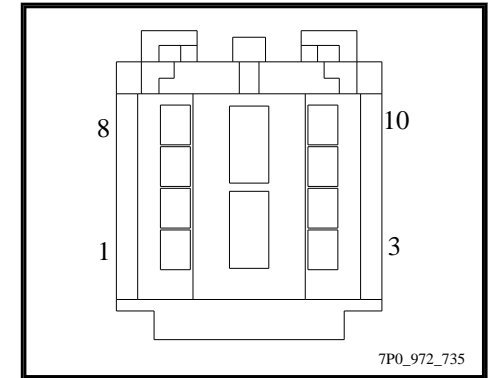
2-pin connector -T2ex-



1.2.3 4-pin connector -T4cp-

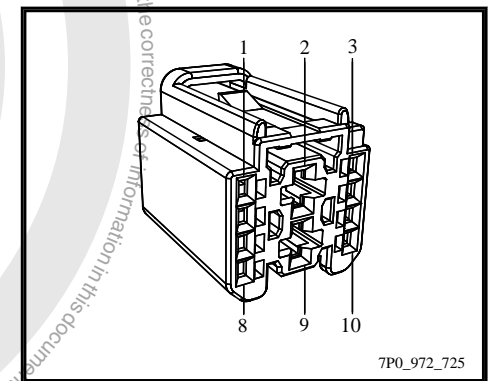
4-pin connector -T4cp-





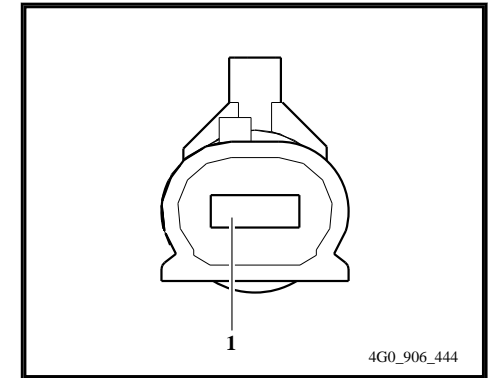
### 1.9.2 10-pin connector -T10bj-

10-pin connector -T10bj-



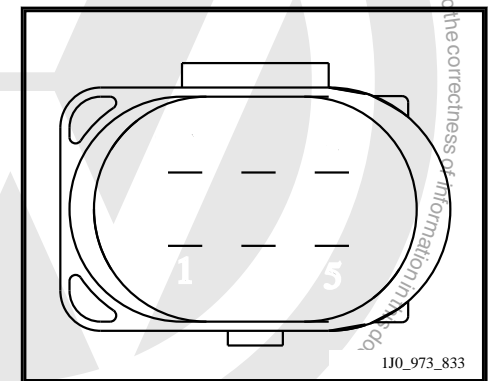
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1.18.5 6-pin connector -T6ab-

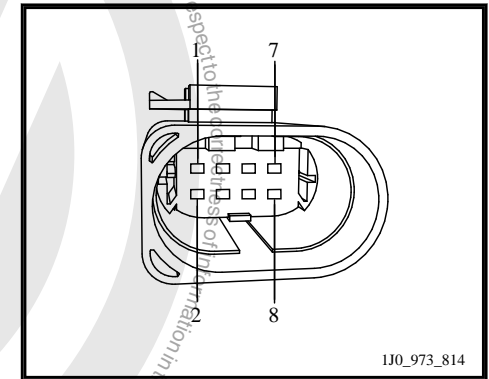
6-pin connector -T6ab-



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1.22.8 8-pin connector -T8au-

8-pin connector -T8au-

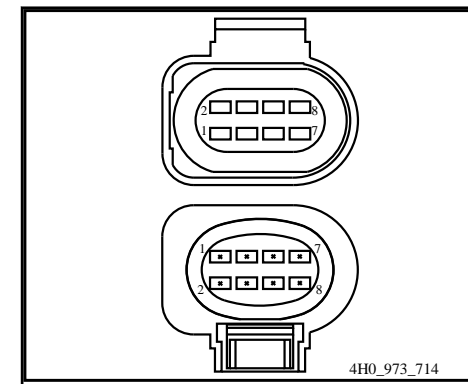


1.22.9 8-pin connector -T8av-

8-pin connector -T8av-

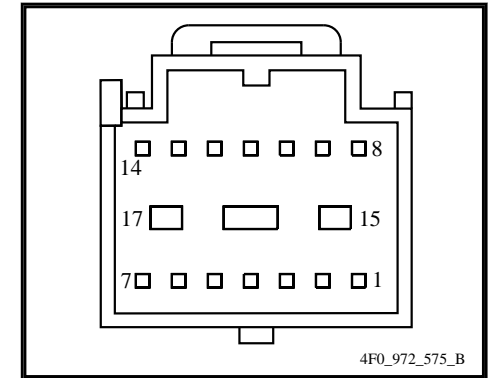
1.24.3 8-pin connector -T8c-

8-pin connector -T8c-



1.24.4 8-pin connector -T8cg-

8-pin connector -T8cg-

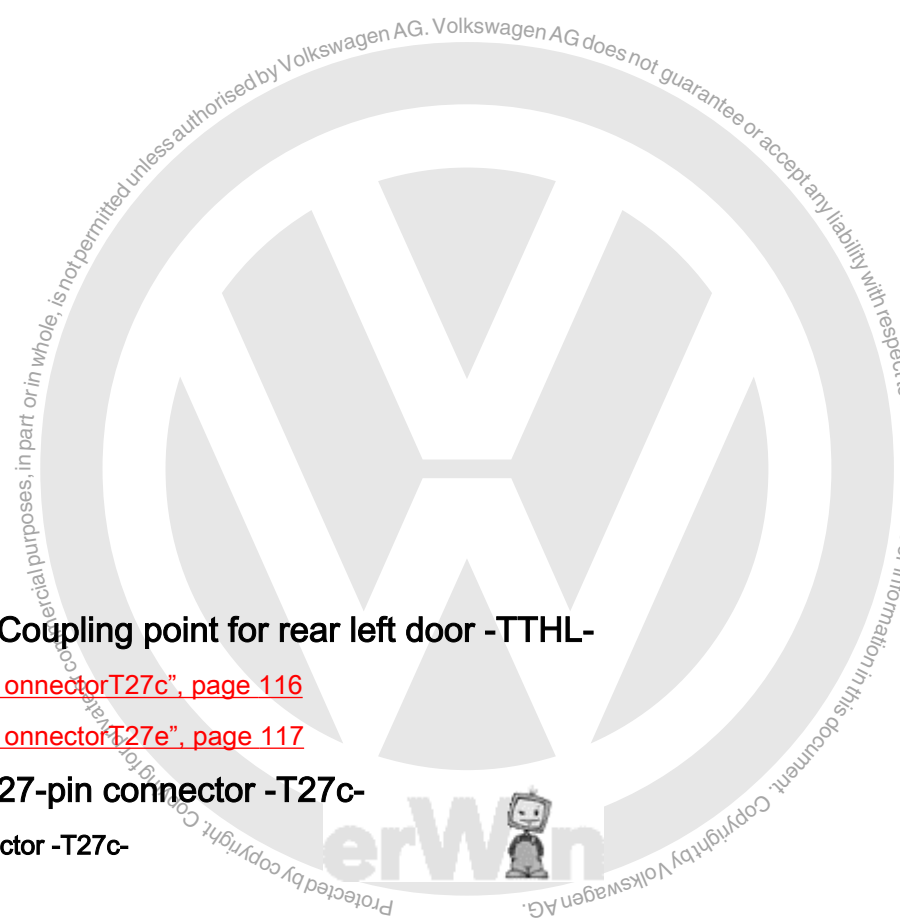


**1.30 Coupling point for rear left door -TTHL-**

- ◆ ⇒ [c1.30.1 onnector T27c", page 116](#)
- ◆ ⇒ [c1.30.2 onnector T27e", page 117](#)

**1.30.1 27-pin connector -T27c-**

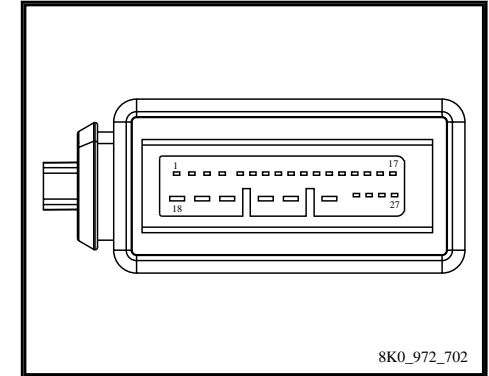
27-pin connector -T27c-



◆ ⇒ [c1.37.4 onnectorT29d", page 140](#)

1.37.1 27-pin connector -T27b-

27-pin connector -T27b-

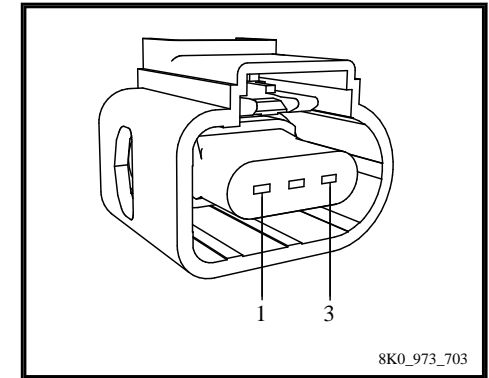


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1.37.2 27-pin connector -T27h-

27-pin connector -T27h-





8K0\_973\_703

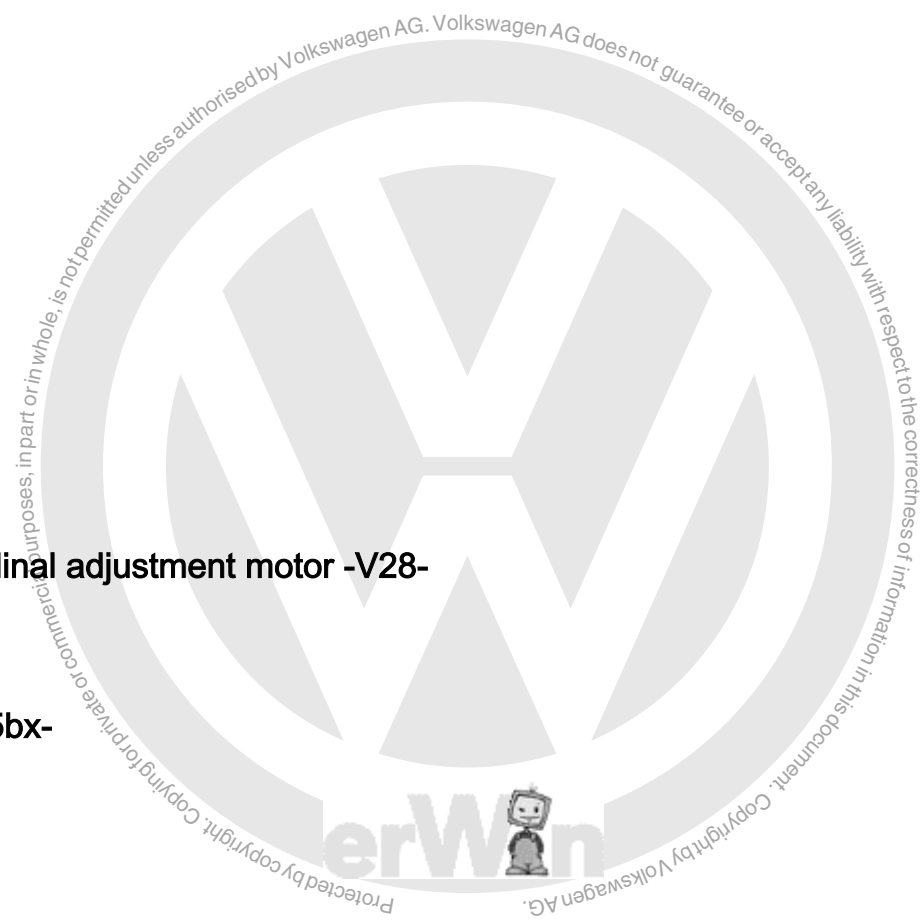
### 1.3 Driver seat longitudinal adjustment motor -V28-

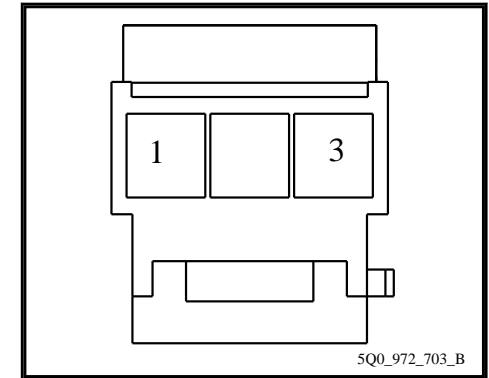
◆ ⇒ [c1.3.1 onnectorT5bx", page 4](#)

◆ ⇒ [c1.3.2 onnectorT5I", page 5](#)

#### 1.3.1 5-pin connector -T5bx-

5-pin connector -T5bx-



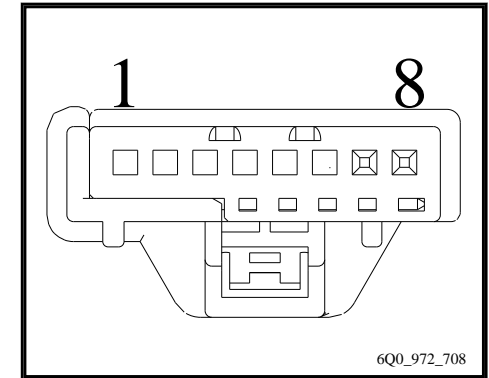


1.22 Auxiliary hydraulic pump 1 for gearbox oil -V475-

1.22.1 4-pin connector -T4cu-

4-pin connector -T4cu-





1.38 Rear right door lock unit -VX24-

1.38.1 8-pin connector -T8t-

8-pin connector -T8t-



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