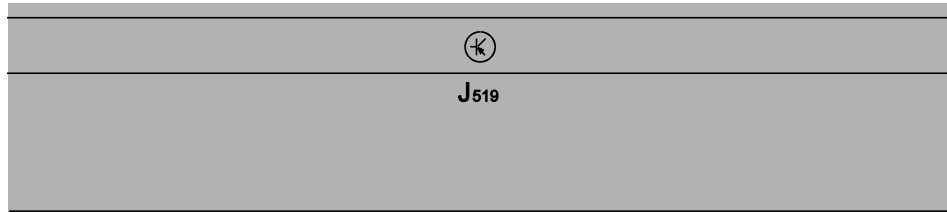


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ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink

Onboard power supply control unit, ignition/starter switch, fuses

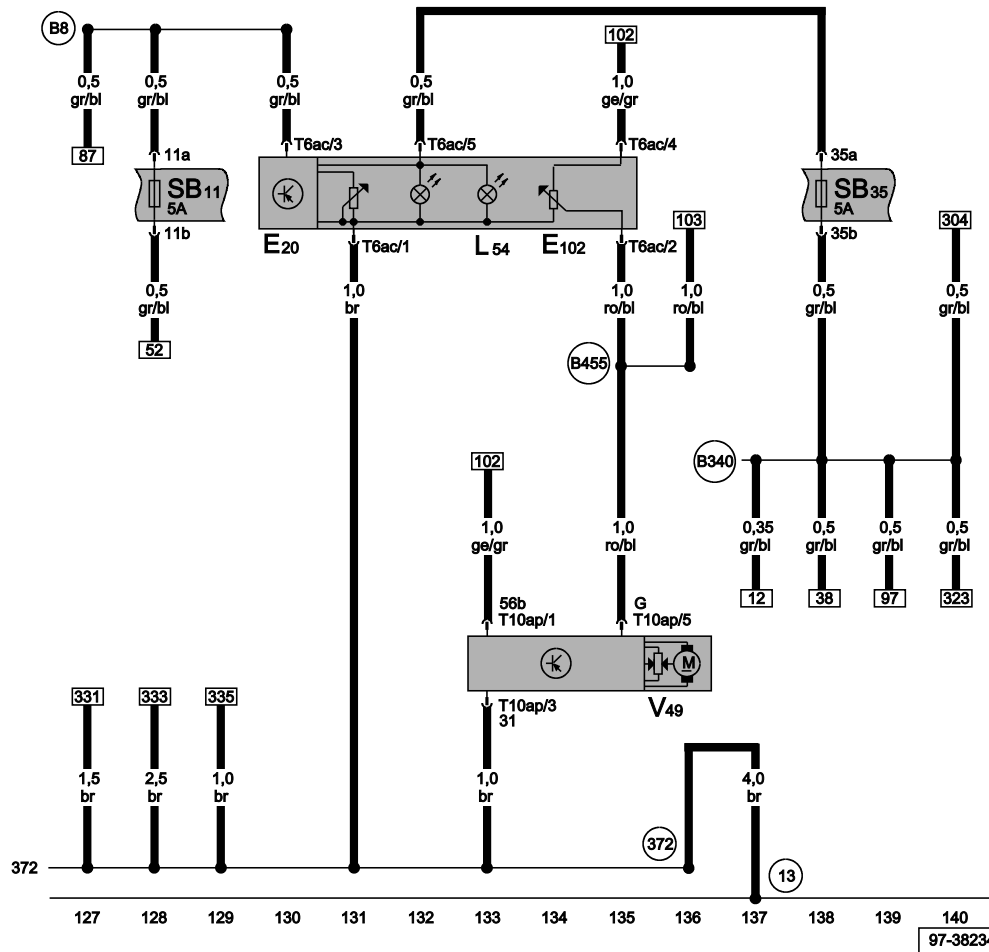
- B Starter
- D Ignition/starter switch
- J519 Onboard supply control unit
- SA9 Fuse 9 on fuse holder A
- SB19 Fuse 19 on fuse holder B
- SB23 Fuse 23 on fuse holder B
- SB34 Fuse 34 on fuse holder B
- SD29 Fuse 29 on fuse holder D
- T10 10-pin connector, black, coupling station on electronics box, in engine compartment
- T10a 10-pin connector, brown, coupling station on electronics box, in engine compartment
- T10m 10-pin connector, light-pink, coupling station on electronics box, in engine compartment
- T18a 18-pin connector, brown
- (B165) Positive connection 2 (15), in interior wiring harness
- (B272) Positive connection (30), in main wiring harness
- (B273) Positive connection (15), in main wiring harness
- (B308) Positive connection 12 (30), in main wiring harness
- (B518) Connection (86s), in main wiring harness
- (D17) Positive connection 1 (15), in engine harness
- * for models with engine codes AXB and AXC only, is dropped from June 2003
- ** applicable up to January 2004, for models with manual gearbox and without electric interface only
- *** applicable from February 2004, for models with manual gearbox and without electric interface only



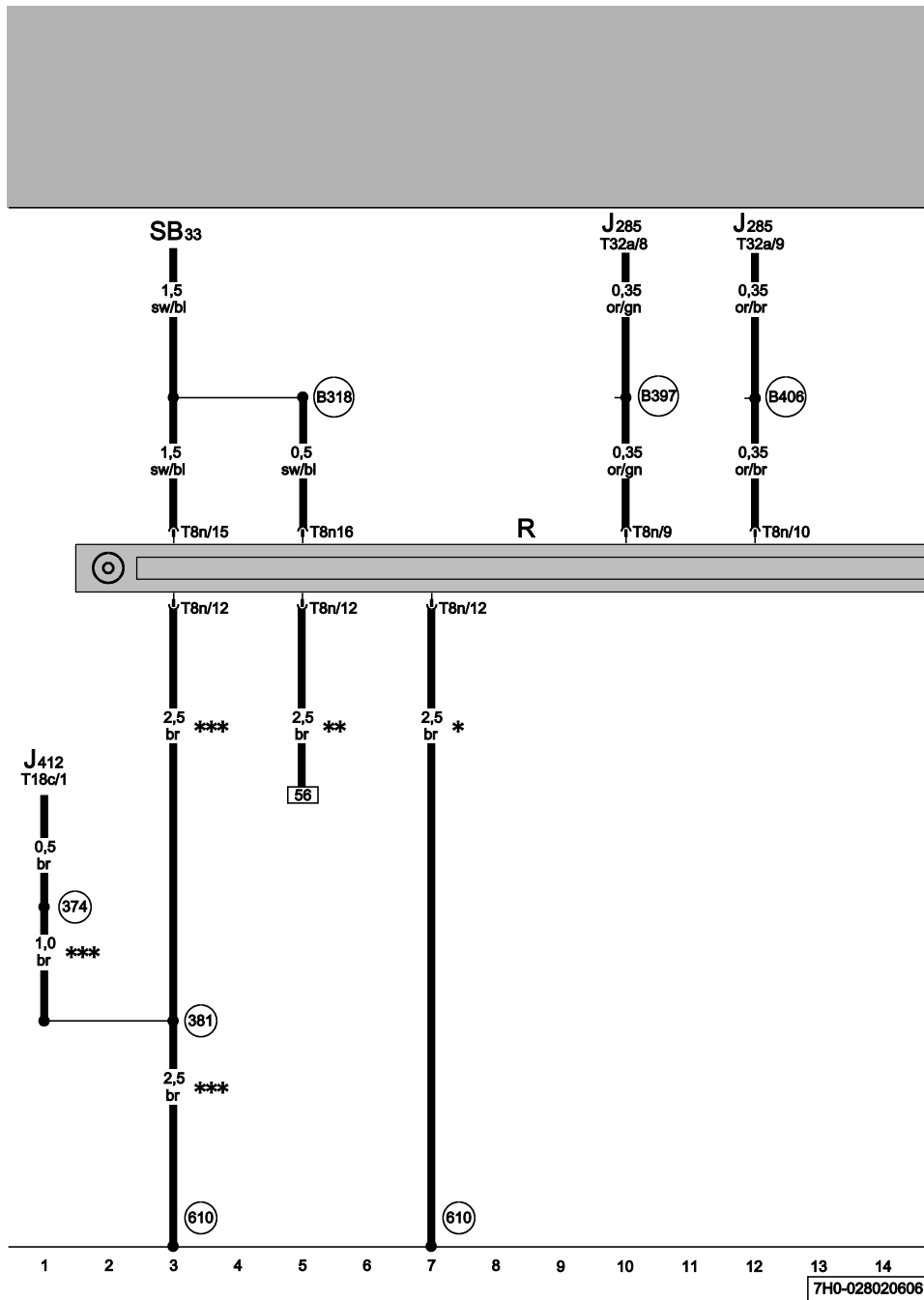
Headlight range control regulator, right headlight range control motor, illumination regulators - switches and instruments

- E20 Switches and instruments illumination regulator
- E102 Headlight range control regulator
- J519 Onboard supply control unit
- L54 Headlight range control regulator illumination bulb
- SB11 Fuse 11 on fuse holder B
- SB35 Fuse 35 on fuse holder B
- T6ac 6-pin connector
- T10ap 10-pin connector, black, on right of headlight
- V49 Right headlight range control motor

- (13) Earth point, on right in engine compartment
- (372) Earth connection 7, in main wiring harness
- (B8) Positive connection (58), in light switch wiring harness
- (B340) Connection 1 (58d), in main wiring harness
- (B455) Connection (HRC), in main wiring harness



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Voltage supply radio

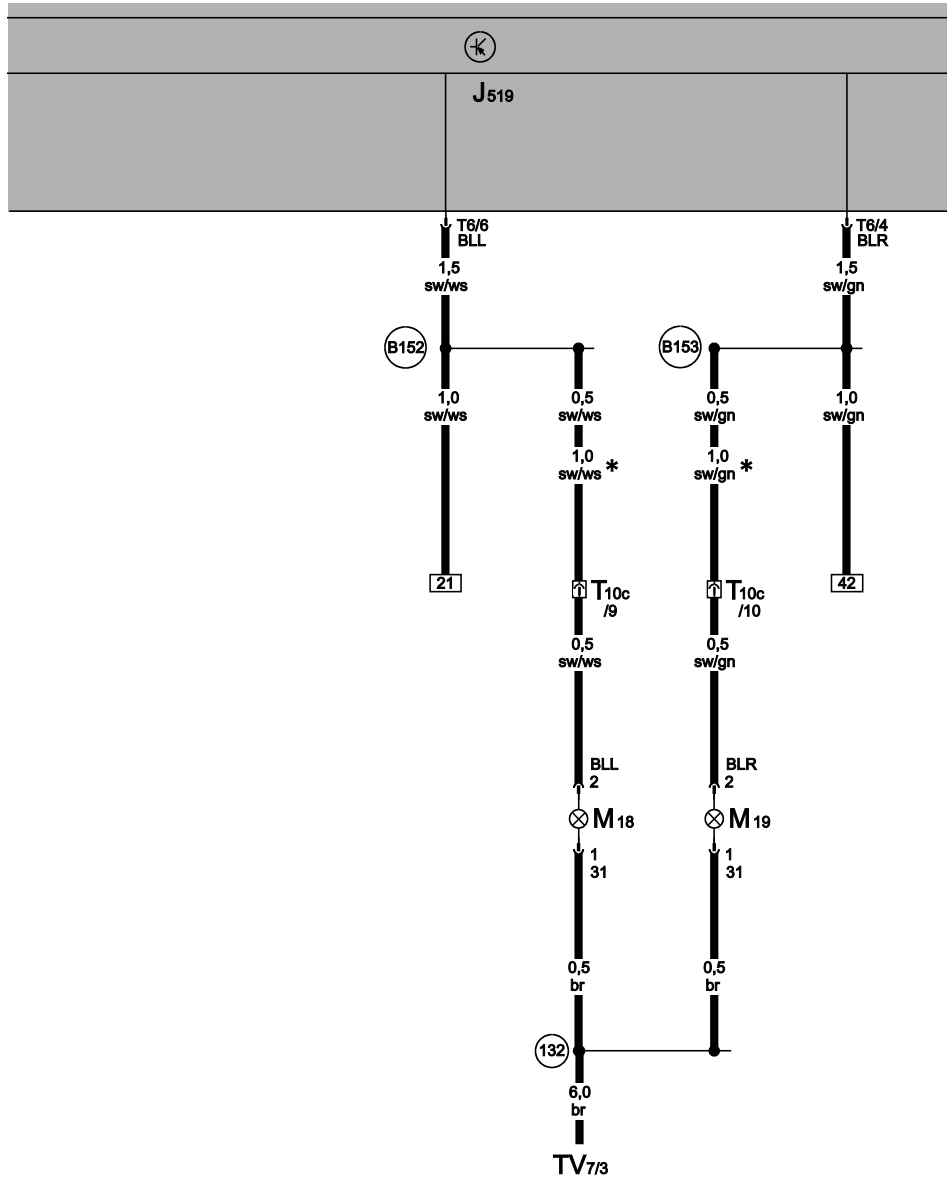
- J285 Control unit in dash panel insert
- J412 Mobile telephone operating electronics control unit
- R Radio
- SB33 Fuse 33 on fuse holder B
- T8n 8-pin connector
- T18c 18-pin connector, VDA connection
- T32a 32-pin connector, green

- 374 Earth connection 9, in main wiring harness
- 381 Earth connection 16, in main wiring harness
- 610 Earth point (audio), under centre console, front
- B318 Positive connection 4 (30a), in main wiring harness
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness

- * applicable up to December 2005, for models without CD changer or prepared for CD changer only
- ** applicable up to December 2005, for models with CD changer or prepared for CD changer only
- *** applicable from January 2006

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- bl = blue
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- li = purple
- ge = yellow
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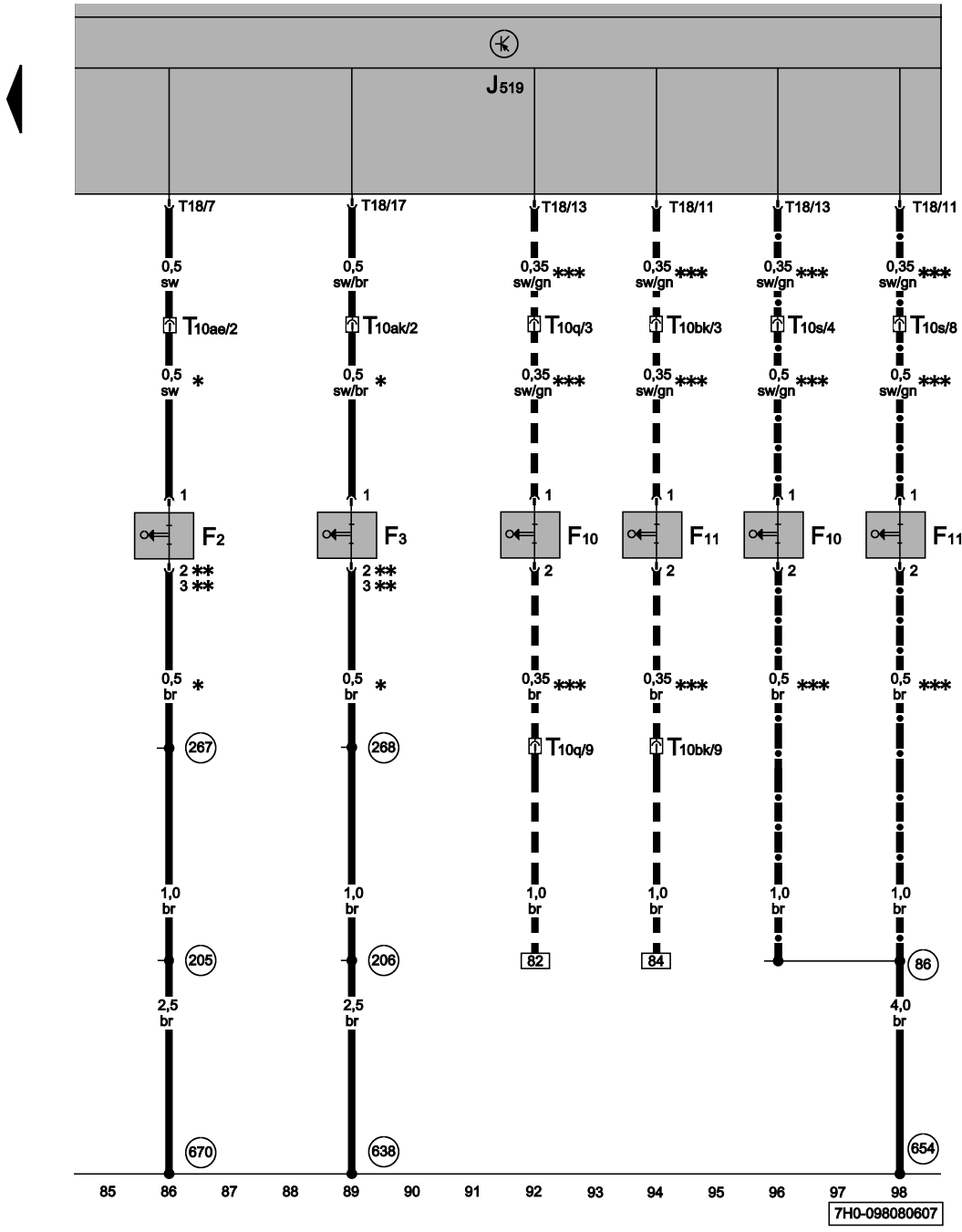
Left side mounted turn signal bulb, right side mounted turn signal bulb

- J519 Onboard supply control unit
- M18 Left side mounted turn signal bulb
- M19 Right side mounted turn signal bulb
- T6 6-pin connector, black
- T10c 10-pin connector, yellow, coupling station on electronics box, in engine compartment
- TV7 Terminal 31 wiring junction

- 132 Earth connection 3, in engine compartment wiring harness
- B152 Connection (BL), in interior wiring harness
- B153 Connection (RTS), in interior wiring harness

* applicable from March 2004

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Door contact switch

- F2 Driver door contact switch
- F3 Front passenger door contact switch
- F10 Rear left door contact switch
- F11 Rear right door contact switch
- J519 Onboard supply control unit
- T10q 10-pin connector, grey, coupling station under driver seat
- T10s 10-pin connector, brown, coupling station under driver seat
- T10ae 10-pin connector, black, coupling station on left of A-pillar
- T10ak 10-pin connector, black, coupling station on right of A-pillar
- T10bk 10-pin connector, grey, coupling station under front passenger seat
- T18 18-pin connector, black

- 86 Earth connection 1, in rear wiring harness
- 205 Earth connection, in driver door wiring harness
- 206 Earth connection, in door wiring harness, front passenger side
- 267 Earth connection 2, in driver door wiring harness
- 268 Earth connection 2, in front passenger side door wiring harness
- 638 Earth point, right A-pillar
- 654 Earth point, right D-pillar
- 670 Earth point 2, left A-pillar
- * for models without central locking only
- ** depends on equipment
- *** for models with mechanical sliding door and without anti-theft alarm system only

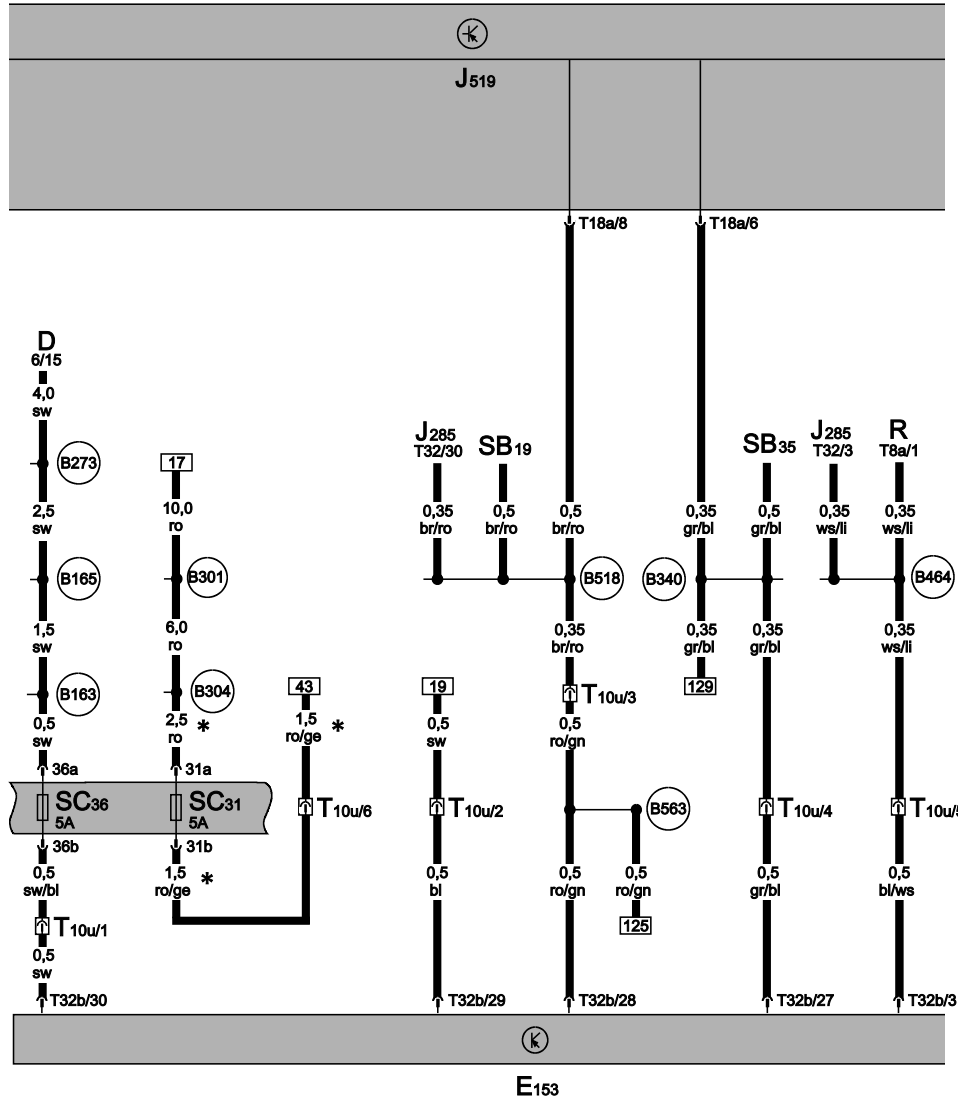
<fo:exter applicable from January 2005 up to December 2005

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ws = white

Fuses, operating and display unit for camping equipment

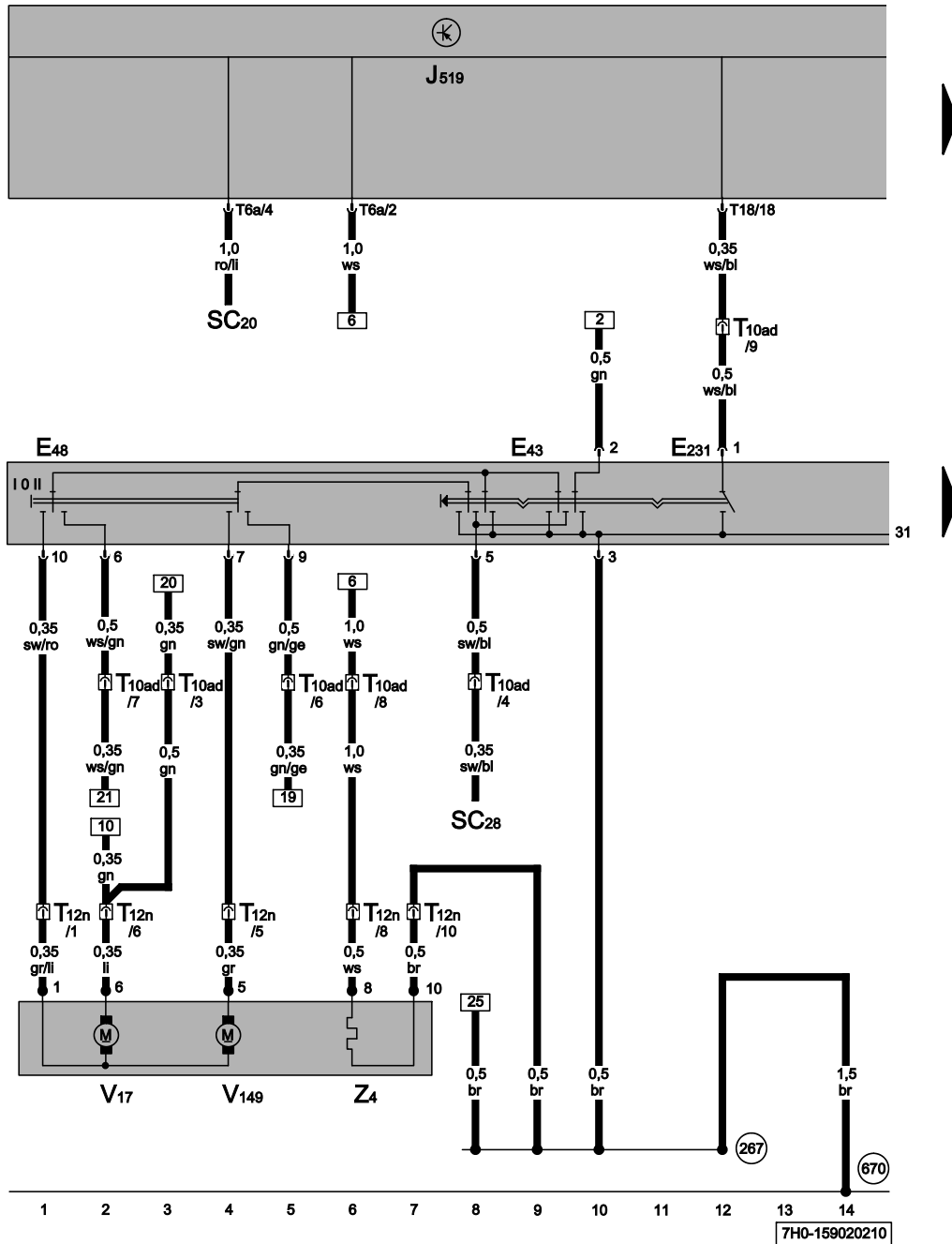


- D Ignition/starter switch
- E153 Operating and display unit for camping equipment
- J285 Control unit in dash panel insert
- J519 Onboard supply control unit
- R Radio
- SB19 Fuse 19 on fuse holder B
- SB35 Fuse 35 on fuse holder B
- SC31 Fuse 31 on fuse holder C
- SC36 Fuse 36 on fuse holder C
- T8a 8-pin connector, black
- T10u 10-pin connector, blue, coupling station under driver seat
- T18a 18-pin connector, brown
- T32 32-pin connector, blue
- T32b 32-pin connector, black

- (B163) Positive connection 1 (15), in interior wiring harness
- (B165) Positive connection 2 (15), in interior wiring harness
- (B273) Positive connection (15), in main wiring harness
- (B301) Positive connection 5 (30), in main wiring harness
- (B304) Positive connection 8 (30), in main wiring harness
- (B340) Connection 1 (58d), in main wiring harness
- (B464) Connection (speed signal), in main wiring harness
- (B518) Connection (86s), in main wiring harness
- (B563) Positive connection 3, in Camper wiring harness

* applicable from November 2006

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Mirror adjustment switch, driver side mirror adjustment motor, exterior mirror heater button, driver side heated exterior mirror

- E43 Mirror adjustment switch
- E48 Mirror adjustment change-over switch
- E231 Exterior mirror heater button
- J519 Onboard supply control unit
- SC20 Fuse 20 on fuse holder C
- SC28 Fuse 28 on fuse holder C
- T6a 6-pin connector, brown
- T10ad 10-pin connector, red, coupling station on left of A-pillar
- T12n 12-pin connector, brown, in driver door on exterior mirror
- T18 18-pin connector, black
- V17 Driver side mirror adjustment motor
- V149 Driver side mirror adjustment motor
- Z4 Driver side heated exterior mirror
- 267 Earth connection 2, in driver door wiring harness
- 670 Earth point 2, left A-pillar

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Engine control unit, intake air temperature sender, air mass meter, additional coolant pump relay, valves, fuel system diagnostic pump

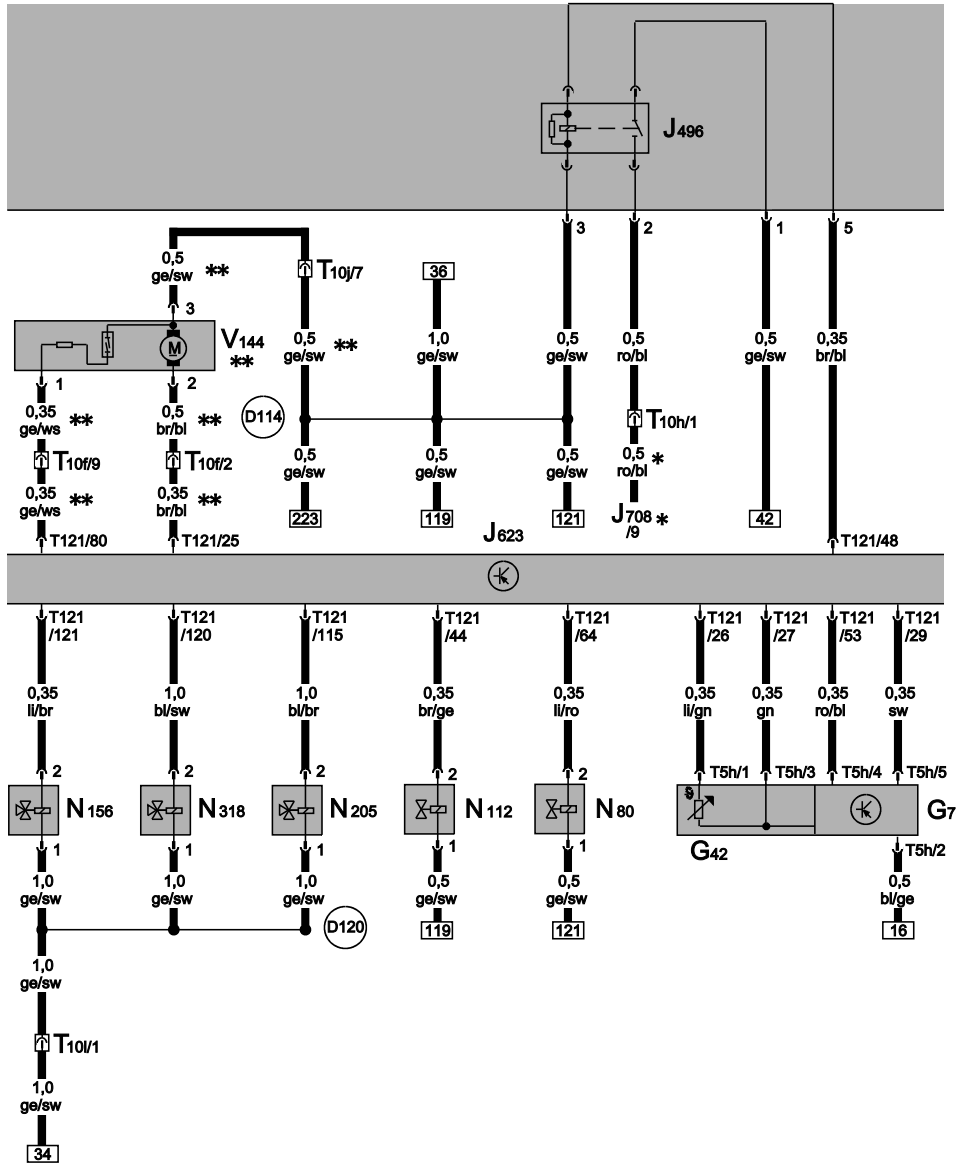
- G42 Intake air temperature sender
- G70 Air mass meter
- J496 Additional coolant pump relay
- J623 Engine control unit
- J708 Residual heat relay
- N80 Activated charcoal filter system solenoid valve 1
- N112 Secondary air inlet valve
- N156 Variable intake manifold change-over valve
- N205 Inlet camshaft control valve 1
- N318 Exhaust camshaft control valve 1
- T5h 5-pin connector, brown
- T10f 10-pin connector, green, coupling station on electronics box, in engine compartment
- T10h 10-pin connector, orange, coupling station on electronics box, in engine compartment
- T10j 10-pin connector, dark brown, coupling station on electronics box, in engine compartment
- T10l 10-pin connector, light-green, coupling station on electronics box, in engine compartment
- T121 121-pin connector
- V144 Fuel system diagnostic pump

D114 Connection 12, in engine compartment wiring harness

D120 Connection 18, in engine compartment wiring harness

* ⇒ auxiliary coolant heater Current Flow Diagram for models with engine code BDM only

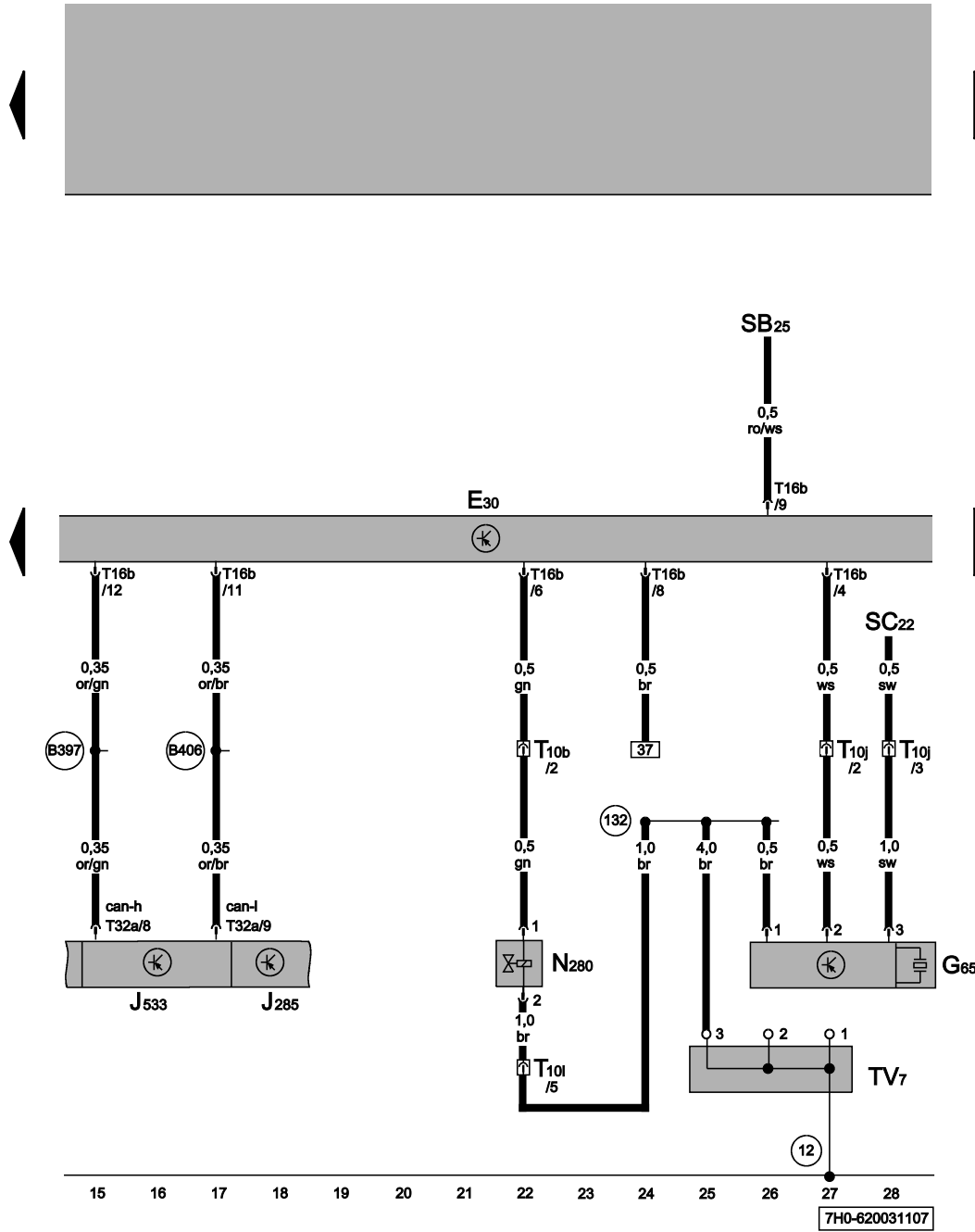
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High-pressure sender, air conditioner compressor regulating valve, air conditioning system switch, data bus diagnostic interface

- E30 Air conditioning system switch
- G65 High pressure sender
- J285 Control unit in dash panel insert
- J533 Data bus diagnostic interface
- N280 Air conditioning system compressor regulating valve
- SB25 Fuse 25 on fuse holder B
- SC22 Fuse 22 on fuse holder C
- T10b 10-pin connector, red, coupling station on electronics box, in engine compartment
- T10j 10-pin connector, dark brown, coupling station on electronics box, in engine compartment
- T10l 10-pin connector, light-green, coupling station on electronics box, in engine compartment
- T16b 16-pin connector, black
- T32a 32-pin connector, green
- TV7 Terminal 31 wiring junction

- 12 Earth point, on left in engine compartment
- 132 Earth connection 3, in engine compartment wiring harness
- B397 Connection 1 (convenience CAN bus, high), in main wiring harness
- B406 Connection 1 (convenience CAN bus, low), in main wiring harness



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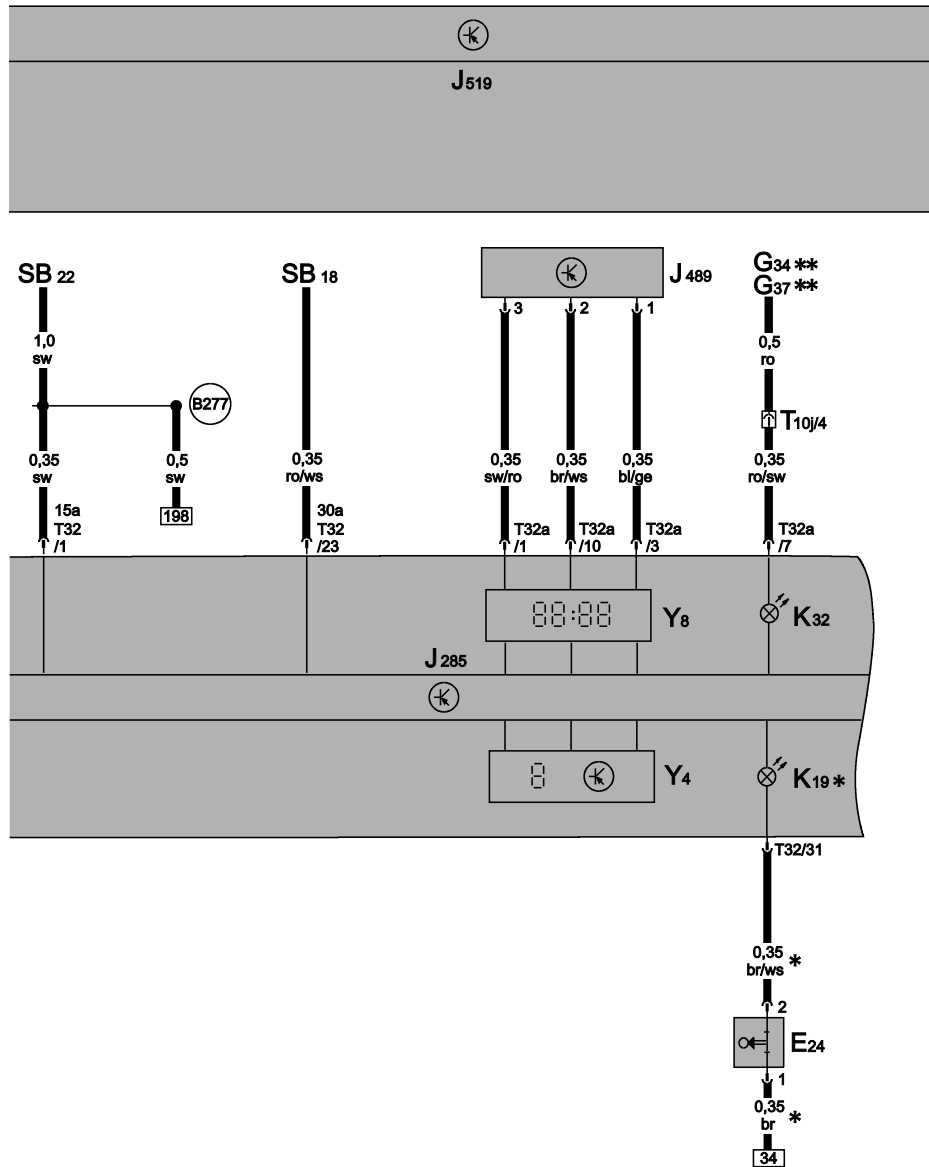
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Dash panel insert, seat belt warning system warning lamp, brake pad warning lamp, belt switch, brake pad wear sender, radio controlled clock

- E24 Driver side belt switch
- G34 Front left brake pad wear sender
- G37 Rear right brake pad wear sender
- J285 Control unit in dash panel insert
- J489 Radio controlled clock receiver
- J519 Onboard supply control unit
- K19 Seat belt warning system warning lamp
- K32 Brake pad warning lamp
- SB18 Fuse 18 on fuse holder B
- SB22 Fuse 22 on fuse holder B
- T10j 10-pin connector, dark brown, coupling station on electronics box, in engine compartment
- T32 32-pin connector, blue
- T32a 32-pin connector, green
- Y4 Odometer display
- Y8 Radio controlled clock

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

* for models with belt switch only
 ** => ABS Current Flow Diagram



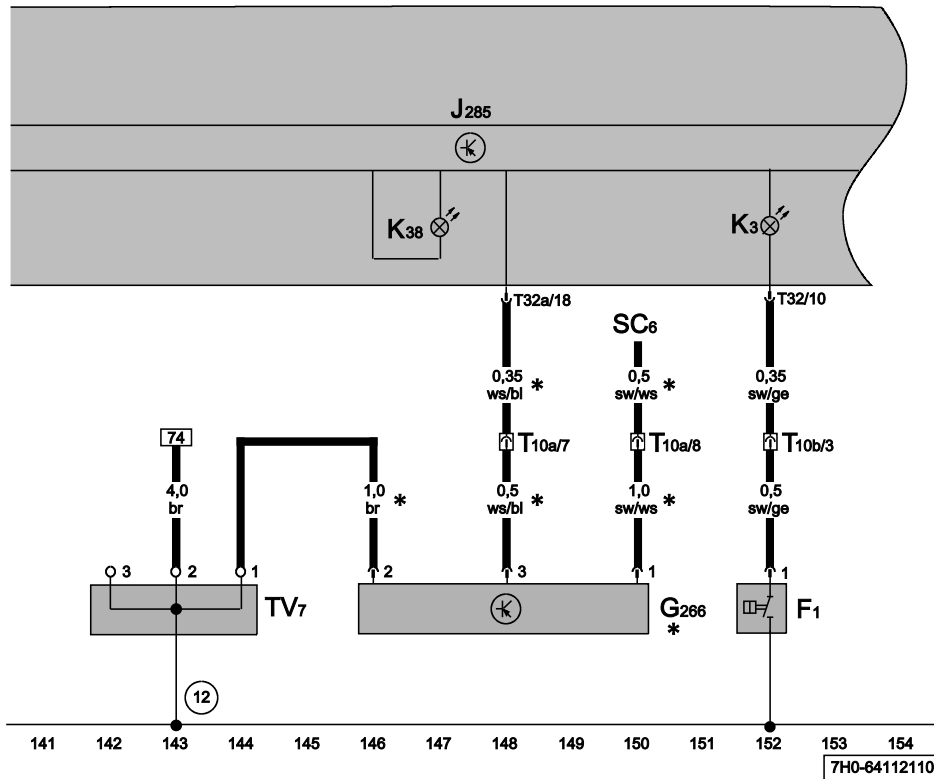
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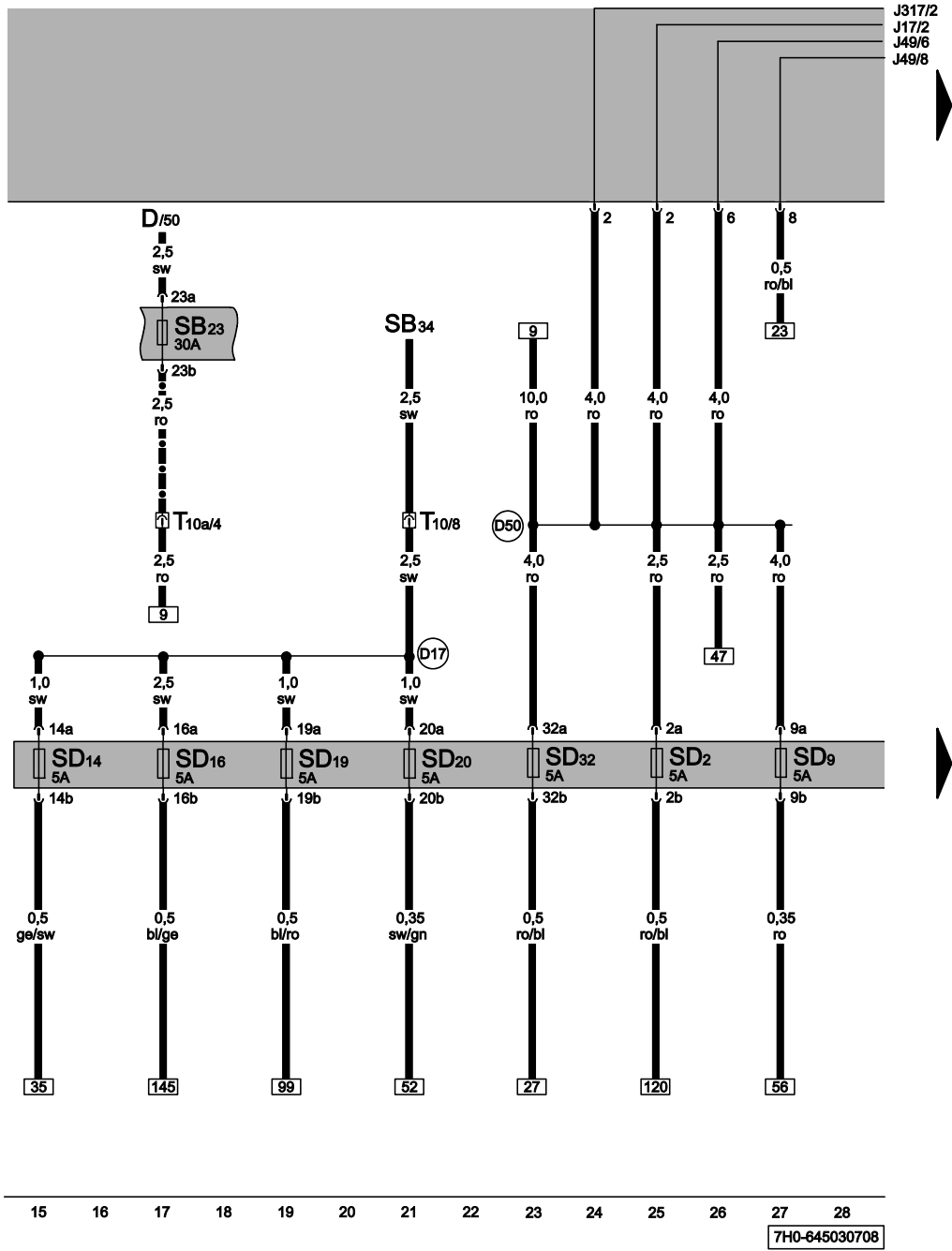
Control unit in dash panel insert, oil pressure switch, oil level and oil temperature sender, warning lamps

- F1 Oil pressure switch
- G266 Oil level and oil temperature sender
- J285 Control unit in dash panel insert
- K3 Oil pressure warning lamp
- K38 Oil level warning lamp
- SC6 Fuse 6 on fuse holder C
- T10a 10-pin connector, brown, coupling station on electronics box, in engine compartment
- T10b 10-pin connector, red, coupling station on electronics box, in engine compartment
- T32 32-pin connector, blue
- T32a 32-pin connector, green
- TV7 Terminal 31 wiring junction

12 Earth point, on left in engine compartment

* for models with extended servicing intervals only





Fuses

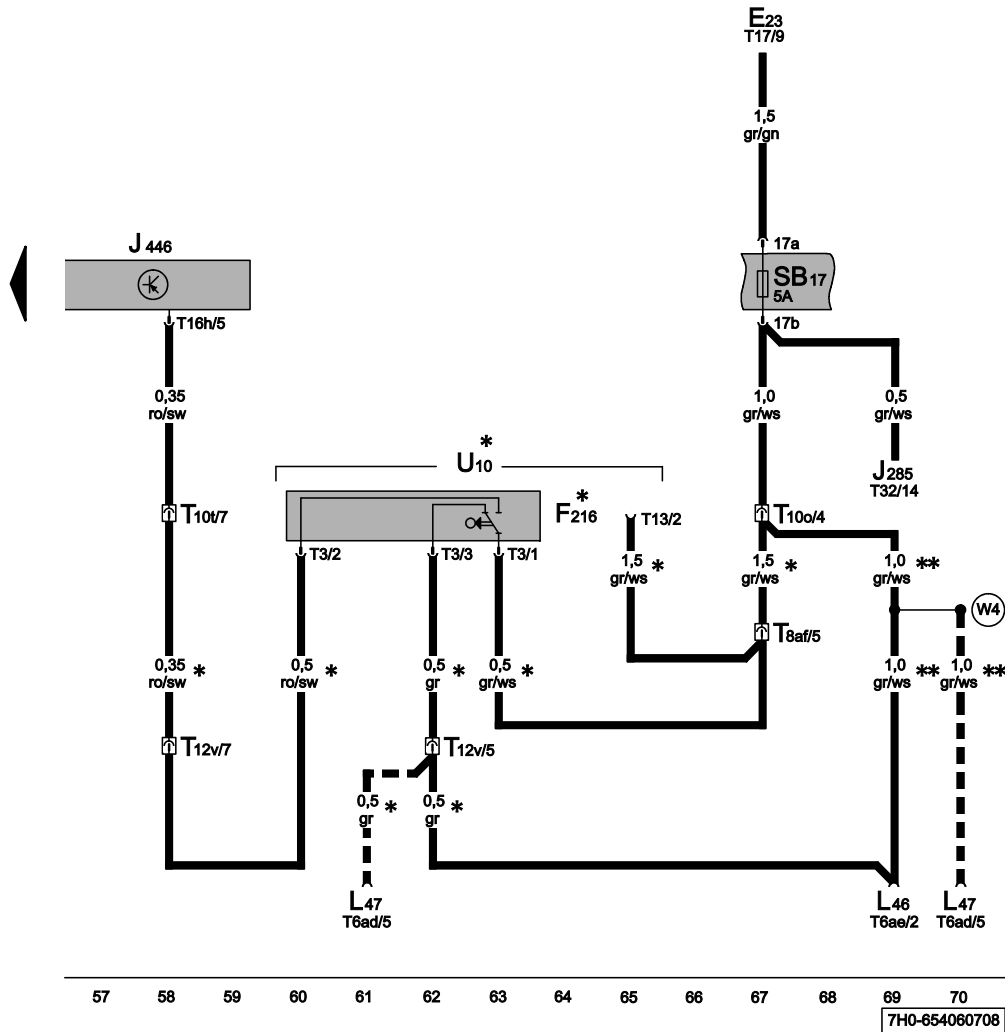
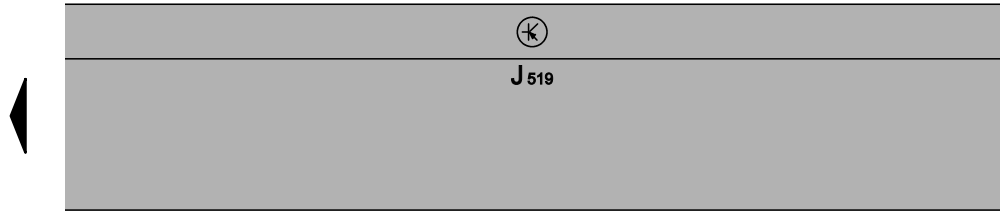
- D Ignition/starter switch
- SB23 Fuse 23 on fuse holder B
- SB34 Fuse 34 on fuse holder B
- SD2 Fuse 2 on fuse holder D
- SD9 Fuse 9 on fuse holder D
- SD14 Fuse 14 on fuse holder D
- SD16 Fuse 16 on fuse holder D
- SD19 Fuse 19 on fuse holder D
- SD20 Fuse 20 on fuse holder D
- SD32 Fuse 32 on fuse holder D
- T10 10-pin connector, black, coupling station on electronics box, in engine compartment
- T10a 10-pin connector, brown, coupling station on electronics box, in engine compartment

(D17) Positive connection 1 (15), in engine harness

(D50) Positive connection (30), in engine compartment wiring harness

<fo:exter for models with manual gearbox and without electric interface
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Parking aid control unit, rear fog light cut-out contact switch, trailer socket, rear left fog light bulb

- E23 Front and rear fog light switch
- F216 Rear fog light cut-out contact switch
- J285 Control unit in dash panel insert
- J446 Parking aid control unit
- J519 Onboard supply control unit
- L46 Rear left fog light bulb
- L47 Rear right fog light bulb
- SB17 Fuse 17 on fuse holder B
- T3 3-pin connector, trailer socket
- T6ad 6-pin connector
- T6ae 6-pin connector
- T8af 8-pin connector, black, coupling station left D-pillar
- T10o 10-pin connector, light-green, coupling station under driver seat
- T10t 10-pin connector, black, coupling station under driver seat
- T12v 12-pin connector, black, coupling station on left of D-pillar
- T13 13-pin connector
- T16h 16-pin connector, brown
- T17 17-pin connector
- T32 32-pin connector, blue
- U10 Trailer socket

W4 Connection 1 (rear fog lights), in rear wiring harness

- * for models with trailer operation only
- ** for models without trailer operation only

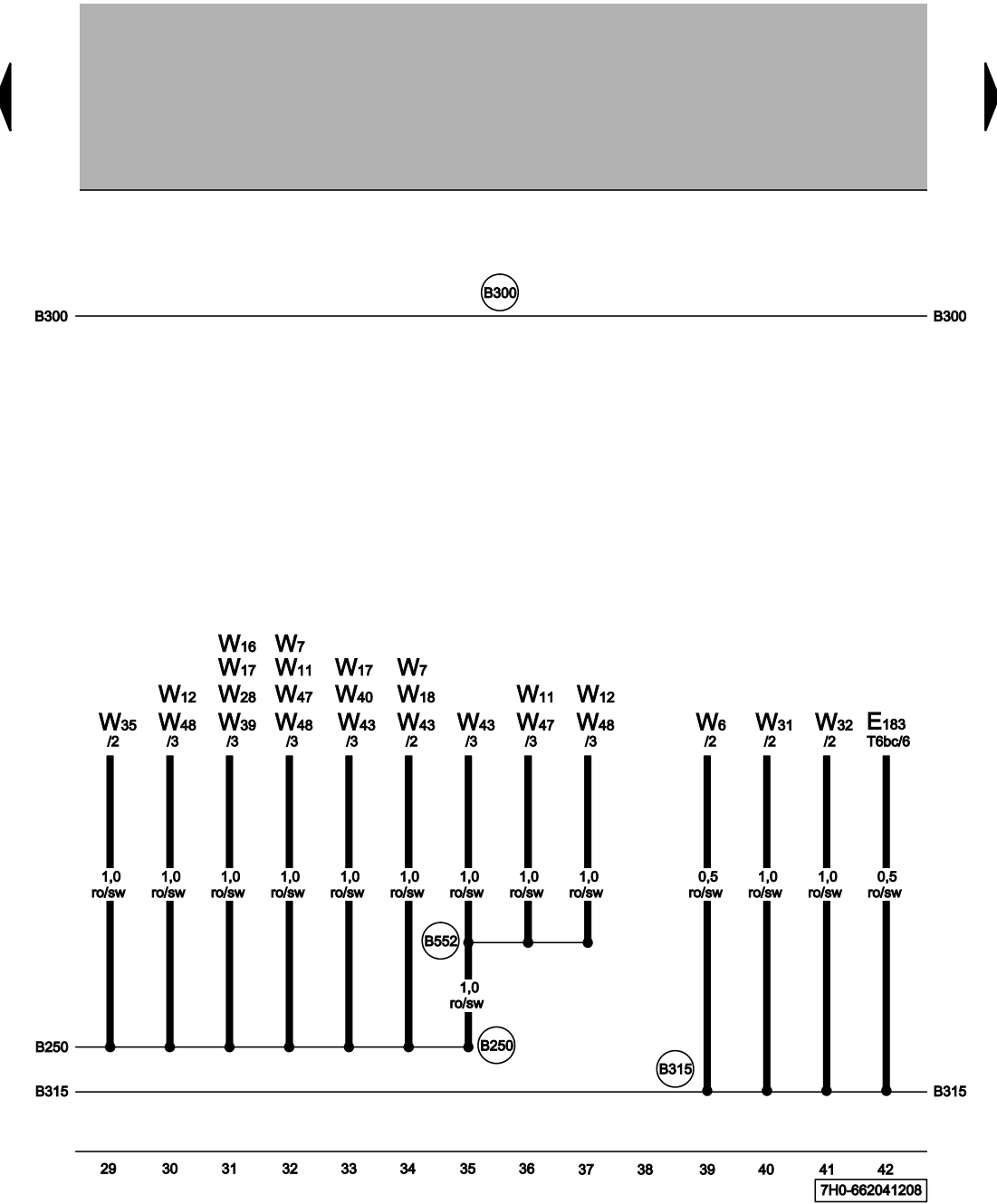
<fo:exter for Multivan only, applicable from June 2007

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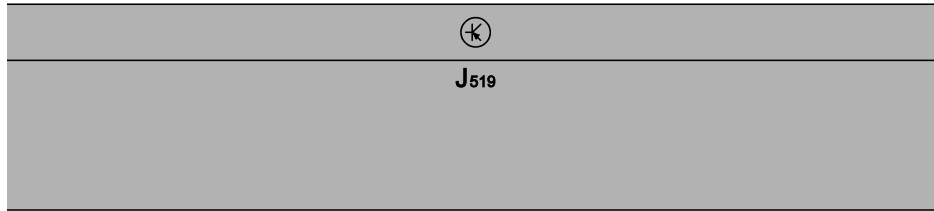
Illumination

- E183 Interior monitor deactivation switch
- W6 Glove compartment light
- W7 Centre interior light
- W11 Rear left reading light
- W12 Rear right reading light
- W16 Left interior light
- W17 Right interior light
- W18 Luggage compartment light on left
- W28 Front interior light in high roof
- W31 Front left entry light
- W32 Front right entry light
- W35 Right luggage compartment light
- W39 Left centre reading light
- W40 Right centre reading light
- W43 Rear interior light
- W47 Rear left interior light
- W48 Rear right interior light
- T6bc 6-pin connector, blue

- (B250) Positive connection in roof wiring harness
- (B300) Positive connection 4 (30), in main wiring harness
- (B315) Positive connection 1 (30a), in main wiring harness
- (B552) Positive connection 2, in roof wiring harness



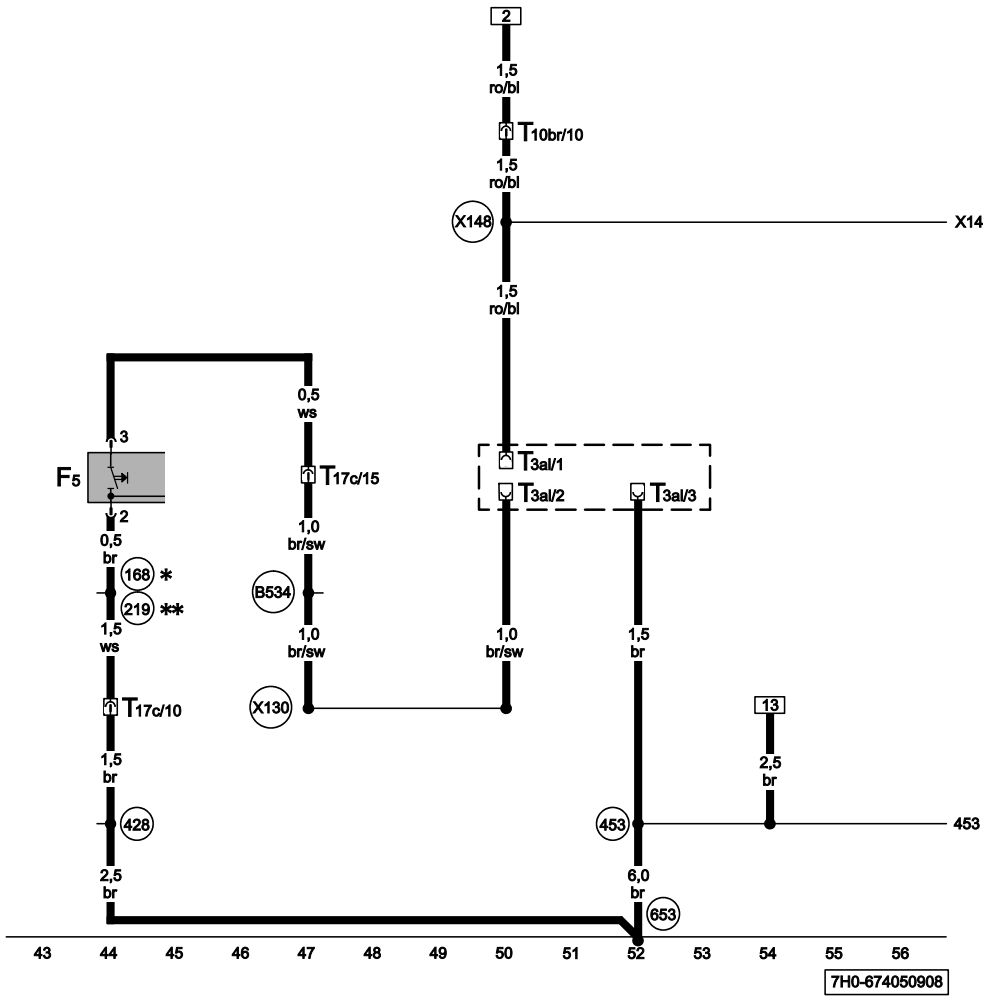
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Rear interior light interface, luggage compartment light switch

- F5 Luggage compartment light switch
- J519 Onboard supply control unit
- T3al 3-pin connector, black, rear interior light interface, under roof, between C-pillar and left D-pillar
- T10br 10-pin connector, blue, coupling station under driver seat
- T17c 17-pin connector, black, coupling station on left of D-pillar

- (168) Earth connection, in rear left wing door wiring harness
- (219) Earth connection 2, in rear lid wiring harness
- (428) Earth connection 4, in left rear end wiring harness
- (453) Earth connection 3, in optional equipment wiring harness
- (653) Earth point, left D-pillar
- (B534) Connection 1 (luggage compartment switch), in roof wiring harness
- (X130) Connection 3, in optional equipment wiring harness
- (X148) Positive connection 7 (30), in optional equipment wiring harness
- * for models with rear wing doors only
- ** for models with rear lid only



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