

Transporter

Current Flow Diagram

No. 122 / 1

Edition 02.2010

Basic equipment

- Cruise control system
 - Multifunction display
 - Extended servicing intervals
- from January 2005

Notes:

For information concerning

- ◆ Position of relays and fuses
- ◆ Multi-pin connections
- ◆ Control units and relays
- ◆ Earth connections

→ List of Fitting Locations!

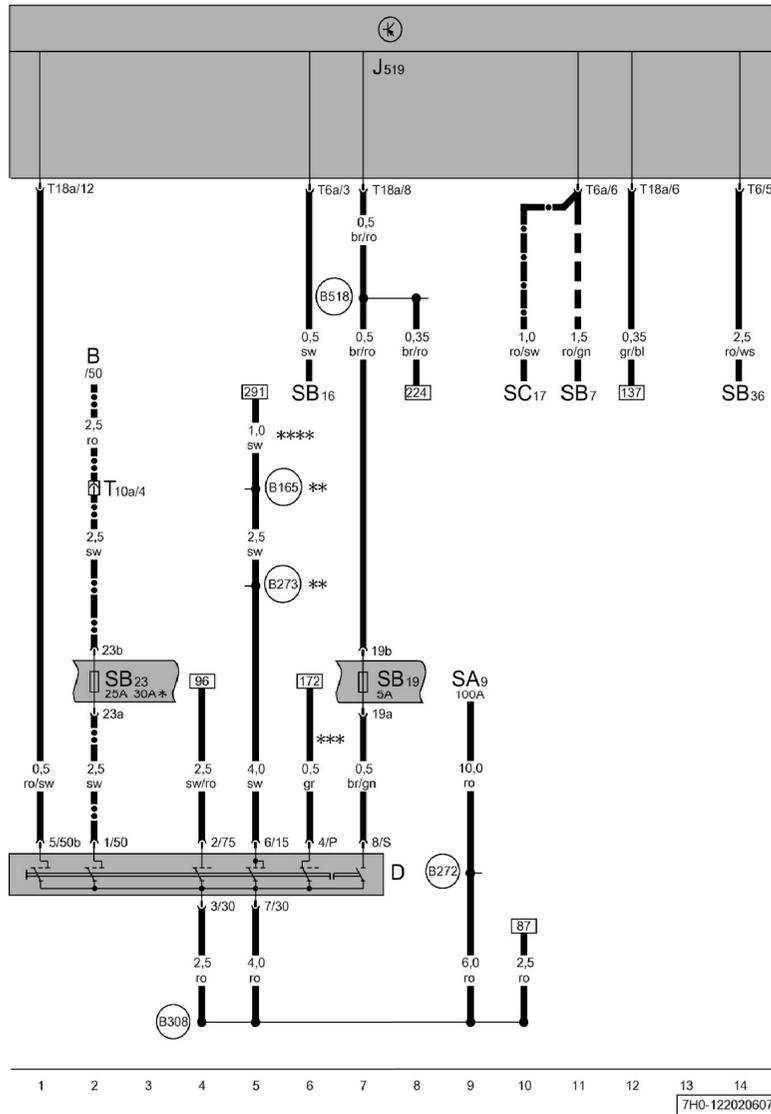
For information concerning

- ◆ Fault Finding Programs
- guided fault finding

Transporter

Current Flow Diagram

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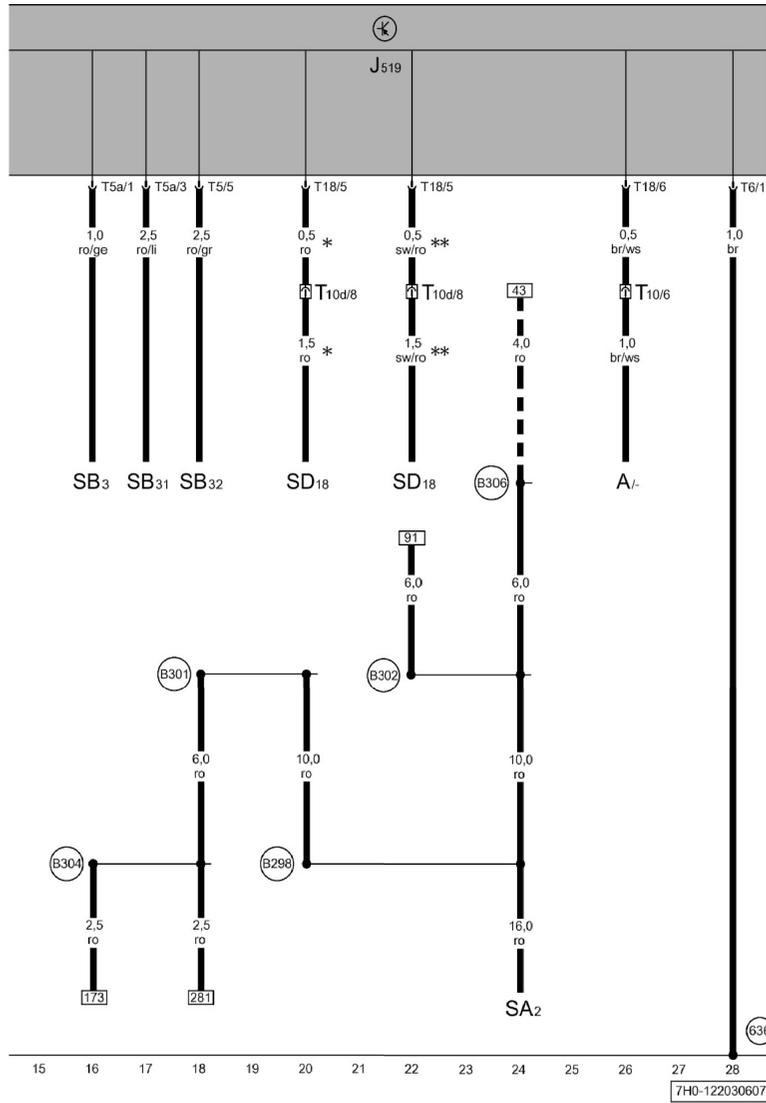
Onboard power supply control unit, ignition/starter switch, fuses

- B - Starter
 - D - Ignition/starter switch
 - J519 - Onboard supply control unit
 - SA9 - Fuse 9 on fuse holder A
 - SB7 - Fuse 7 on fuse holder B
 - SB16 - Fuse 16 on fuse holder B
 - SB19 - Fuse 19 on fuse holder B
 - SB23 - Fuse 23 on fuse holder B
 - SB36 - Fuse 36 on fuse holder B
 - SC17 - Fuse 17 on fuse holder C
 - T6 - 6-pin connector, black
 - T6a - 6-pin connector, brown
 - T10a - 10-pin connector, brown, 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
- * - applicable from January 2006
- ** - Fuse concept 2 Current Flow Diagram
- *** - for models without day driving light only
- **** - applicable up to December 2005
- - - - - for models with roof console only
- . - . - for models without roof console only
- - - - - for models with manual gearbox and without electric interface only

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Current Flow Diagram

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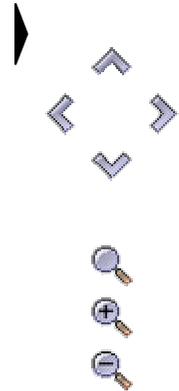
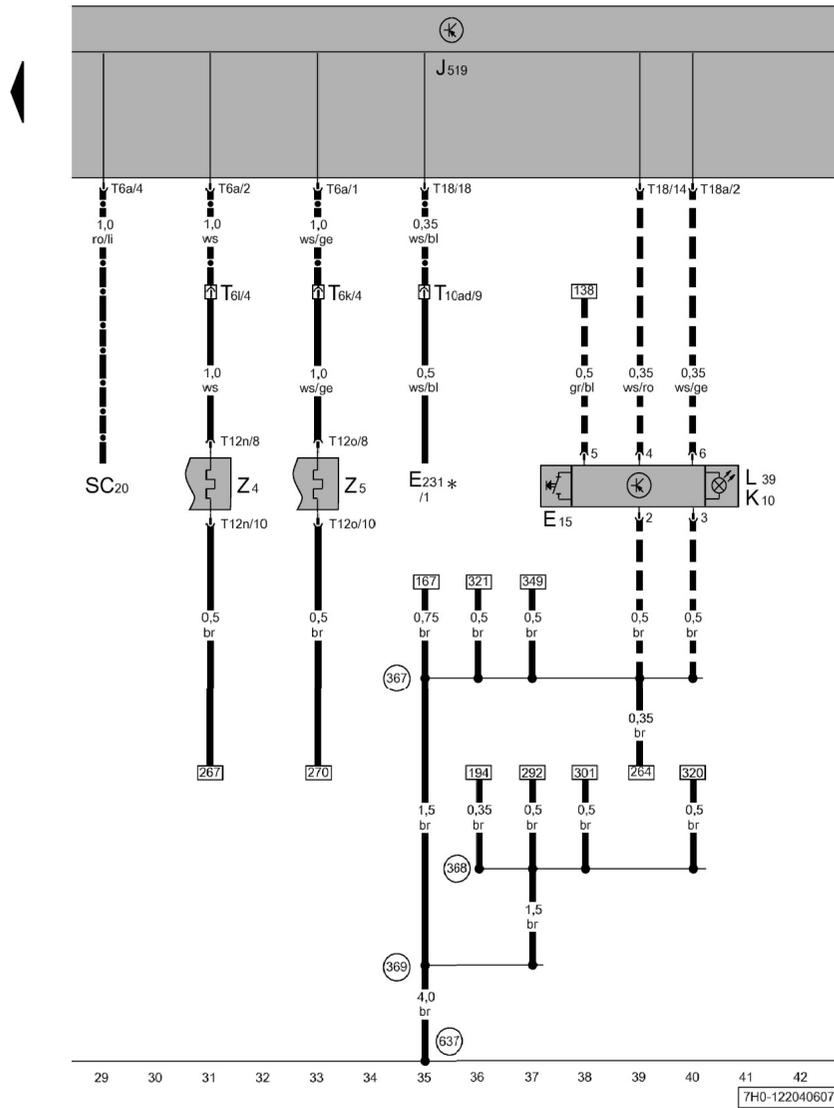
Onboard power supply control unit, fuses

- A - Battery
 - J519 - Onboard supply control unit
 - SA2 - Fuse 2 on fuse holder A
 - SB3 - Fuse 3 on fuse holder B
 - SB31 - Fuse 31 on fuse holder B
 - SB32 - Fuse 32 on fuse holder B
 - SD18 - Fuse 18 on fuse holder D
 - T5 - 5-pin connector, black
 - T5a - 5-pin connector, brown
 - T6 - 6-pin connector, black
 - T10 - 10-pin connector, black, coupling station on electronics box, in engine compartment
 - T10d - 10-pin connector, blue, coupling station on electronics box, in engine compartment
 - T18 - 18-pin connector, black
 - 636 - Earth point, onboard supply control unit
 - B298 - Positive connection 2 (30), in main wiring harness
 - B301 - Positive connection 5 (30), in main wiring harness
 - B302 - Positive connection 6 (30), in main wiring harness
 - B304 - Positive connection 8 (30), in main wiring harness
 - B306 - Positive connection 10 (30), in main wiring harness
- * - applicable up to August 2005
 ** - applicable from September 2005
 --- - for models with heated rear window only

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Current Flow Diagram

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Onboard power supply control unit, exterior mirror heater button, heated exterior mirror, heated rear window switch

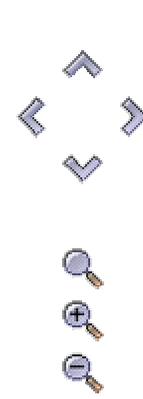
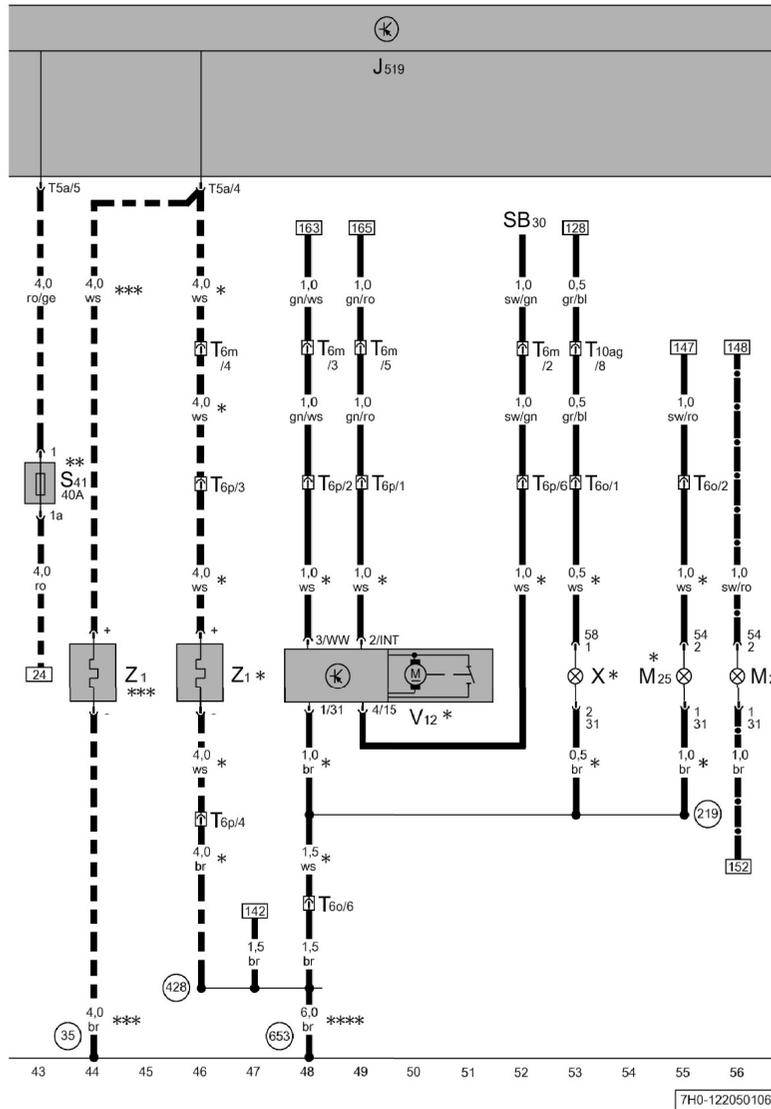
- E15 - Heated rear window switch
 - E231 - Exterior mirror heater button
 - J519 - Onboard supply control unit
 - K10 - Heated rear window warning lamp
 - L39 - Heated rear window switch illumination bulb
 - SC20 - Fuse 20 on fuse holder C
 - T6a - 6-pin connector, brown
 - T6k - 6-pin connector, brown, coupling station on right of A-pillar
 - T6l - 6-pin connector, brown, coupling station on left of A-pillar
 - T10ad - 10-pin connector, red, coupling station on left of A-pillar
 - T12n - 12-pin connector, brown, in driver door on exterior mirror
 - T12o - 12-pin connector, brown, in front passenger door on exterior mirror
 - T18 - 18-pin connector, black
 - T18a - 18-pin connector, brown
 - Z4 - Driver side heated exterior mirror
 - Z5 - Front passenger side heated exterior mirror
 - 367 - Earth connection 2, in main wiring harness
 - 368 - Earth connection 3, in main wiring harness
 - 369 - Earth connection 4, in main wiring harness
 - 637 - Earth point, airbag control unit
- * - ò Current Flow Diagram: convenience system without window regulator
 - - - for models with heated rear window only
 - · - · for models with heated exterior mirrors and without window regulator only

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

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Current Flow Diagram

No. 122 / 5



Onboard supply control unit, heated rear window, rear window wiper motor, number plate light, high level brake light bulb

- J519 - Onboard supply control unit
- M25 - High level brake light bulb
- S41 - Heated rear window fuse
- SB30 - Fuse 30 on fuse holder B
- T5a - 5-pin connector, brown
- T6m - 6-pin connector, red, coupling station on left of A-pillar
- T6o - 6-pin connector, red, coupling station on left of D-pillar
- T6p - 6-pin connector, brown, coupling station on left of D-pillar
- T10ag - 10-pin connector, brown, coupling station on left of A-pillar
- V12 - Rear window wiper motor
- X - Number plate light
- Z1 - Heated rear window
- 35 - Earth point, under front passenger seat
- 219 - Earth connection 2, in rear lid wiring harness
- 428 - Earth connection 4, in left rear end wiring harness
- 653 - Earth point, left D-pillar

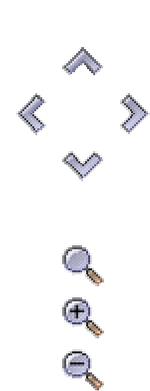
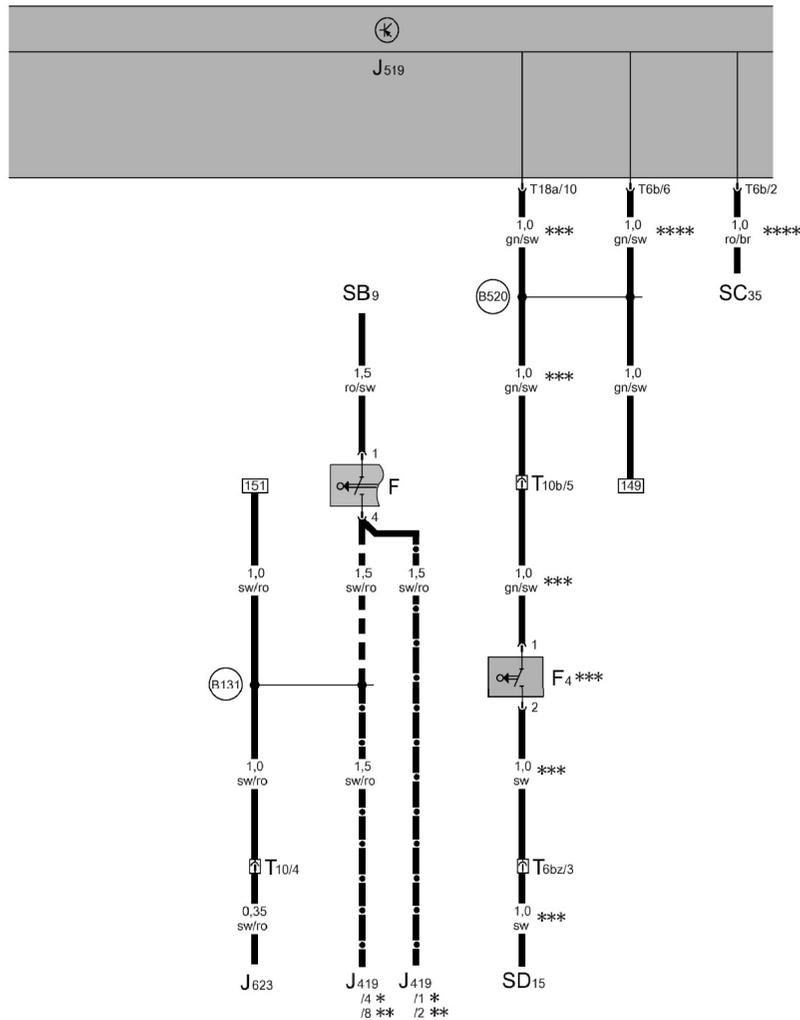
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

- * - for models with rear lid only, models with wing door Current Flow Diagram rear wing doors
- ** - on relay carrier (1) cockpit Fitting Locations
- *** - for double cab and plank bed vehicles only
- **** - cross-section depends on equipment
- - - - - for models with heated rear window only
- . - . - . for models with high roof only

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Current Flow Diagram

No. 122 / 6



Onboard power supply control unit, brake light switch, reversing light switch

- F - Brake light switch
- F4 - Reversing light switch
- J419 - Brake light additional relay
- J519 - Onboard supply control unit
- J623 - Engine control unit
- SB9 - Fuse 9 on fuse holder B
- SC35 - Fuse 35 on fuse holder C
- SD15 - Fuse 15 on fuse holder D
- T6b - 6-pin connector, red
- T6bz - 6-pin connector, light-pink, coupling station on electronics box, in engine compartment
- T10 - 10-pin connector, black, coupling station on electronics box, in engine compartment
- T10b - 10-pin connector, red, coupling station on electronics box, in engine compartment
- T18a - 18-pin connector, brown
- B131 - Connection (54), in interior wiring harness
- B520 - Connection (RL), in main wiring harness

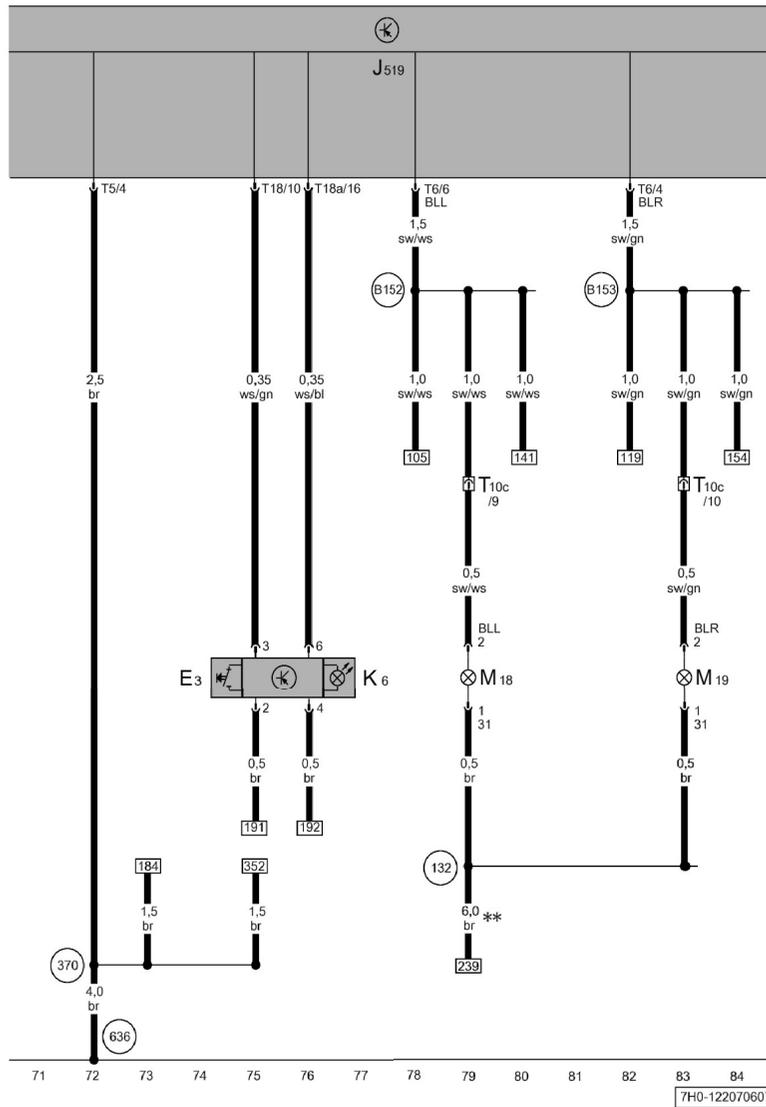
ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink

- * - only models with ESP and without serial trailer towing coupling
- ** - only models with ESP and serial trailer towing coupling
- *** - for models with manual gearbox only
- **** - for models with automatic gearbox only
- - for models with ABS and without ESP only
- - for models with ABS and ESP only

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Current Flow Diagram

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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

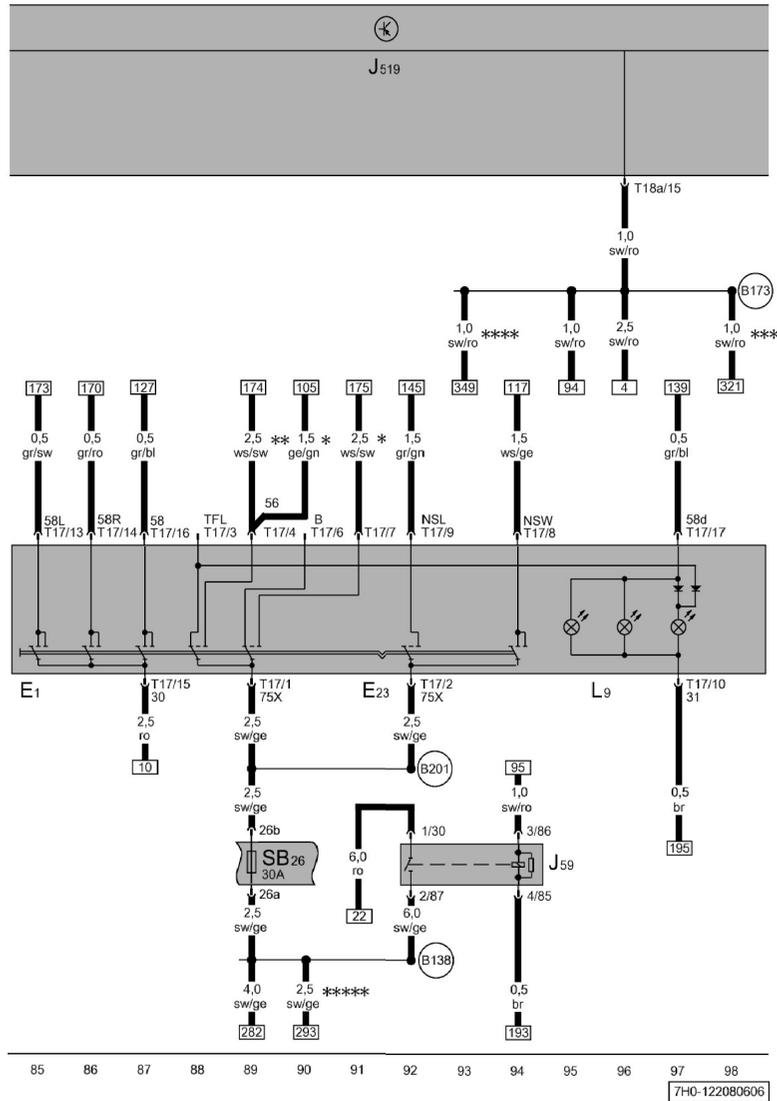
Onboard supply control unit, hazard warning light switch, left side mounted turn signal bulb, right side mounted turn signal bulb, hazard warning light system warning lamp

- E3 - Hazard warning light switch
- J519 - Onboard supply control unit
- K6 - Hazard warning light system warning lamp
- M18 - Left side mounted turn signal bulb
- M19 - Right side mounted turn signal bulb
- T5 - 5-pin connector, black
- T6 - 6-pin connector, black
- T10c - 10-pin connector, yellow, coupling station on electronics box, in engine compartment
- T18 - 18-pin connector, black
- T18a - 18-pin connector, brown
- 132 - Earth connection 3, in engine compartment wiring harness
- 370 - Earth connection 5, in main wiring harness
- 636 - Earth point, onboard supply control unit
- B152 - Connection (BL), in interior wiring harness
- B153 - Connection (RTS), in interior wiring harness
- ** - Cross-section 4.0 possible

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Current Flow Diagram

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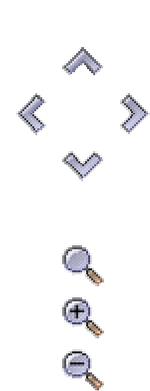
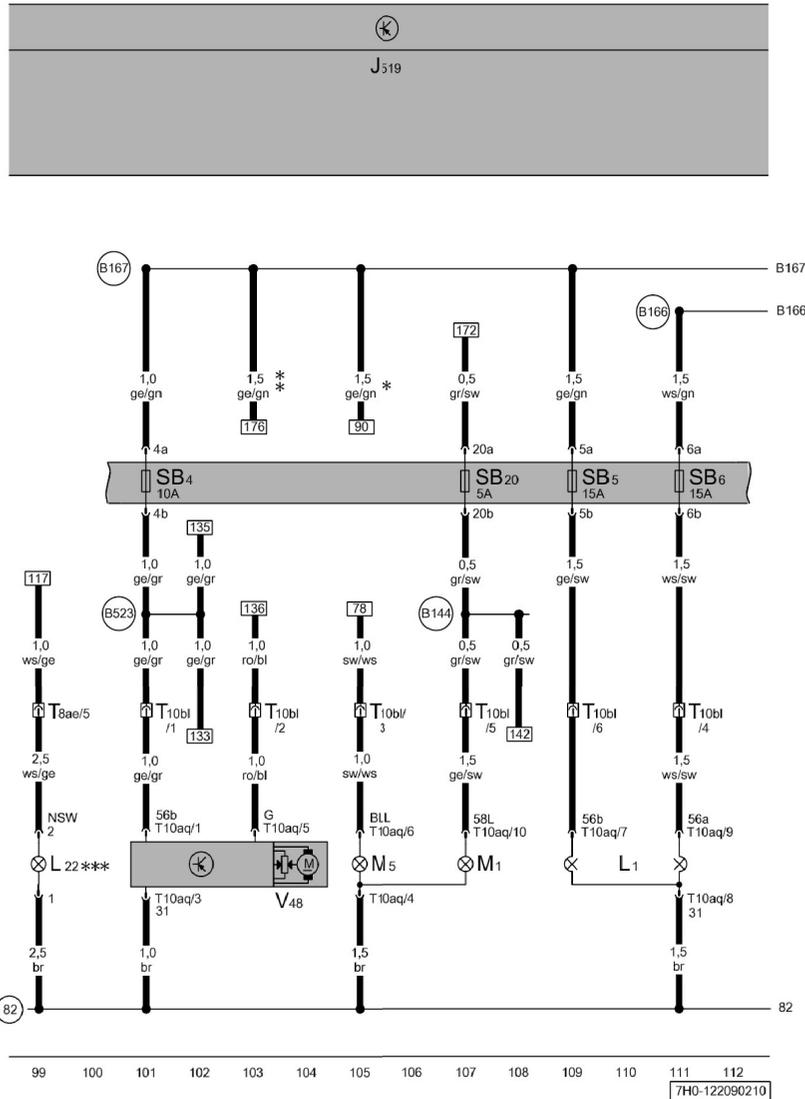
- Onboard supply control unit, X-contact relief relay, light switch, front and rear fog light switch**
- E1 - Light switch
 - E23 - Front and rear fog light switch
 - J59 - X-contact relief relay
 - J519 - Onboard supply control unit
 - L9 - Light switch illumination bulb
 - SB26 - Fuse 26 on fuse holder B
 - T17 - 17-pin connector
 - T18a - 18-pin connector, brown
 - B138 - Positive connection (X), in interior wiring harness
 - B173 - Positive connection 2 (X), in interior wiring harness
 - B201 - Positive connection 4 (X), in interior wiring harness
 - * - For multivan or camper Comfortline only
 - ** - applies only to commercial vehicles or Camper/Shuttle with base level of equipment
 - *** - for double cab, Box-type delivery van and hybrid vehicle without separate vehicle interior ventilation only
 - **** - for camper only
 - ***** - applicable from January 2006

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

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Current Flow Diagram

No. 122 / 9



Fuses, left headlight twin filament bulb, left headlight range control motor, side light bulb, front left turn signal bulb

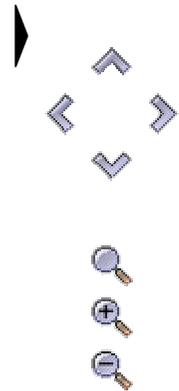
- J519 - Onboard supply control unit
- L1 - Left headlight twin filament bulb
- L22 - Left fog light bulb
- M1 - Left side light bulb
- M5 - Front left turn signal bulb
- SB4 - Fuse 4 on fuse holder B
- SB5 - Fuse 5 on fuse holder B
- SB6 - Fuse 6 on fuse holder B
- SB20 - Fuse 20 on fuse holder B
- T8ae - 8-pin connector, black, near headlight, front right
- T10aq - 10-pin connector, black, on left of headlight
- T10bl - 10-pin connector, black, near front right headlight
- V48 - Left headlight range control motor
- 82 - Earth connection 1, in front left wiring harness
- B144 - Positive connection (58L), in interior wiring harness
- B166 - Connection (56a), in interior wiring harness
- B167 - Connection (56b), in interior wiring harness
- B523 - Connection (56, HRC), in main wiring harness
- * - for multivan, camper Comfortline and caravelle only
- ** - applies only to commercial vehicles, multivan classic, camper and shuttle with base level of equipment
- *** - for models with front fog light only

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

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Current Flow Diagram

No. 122 / 10



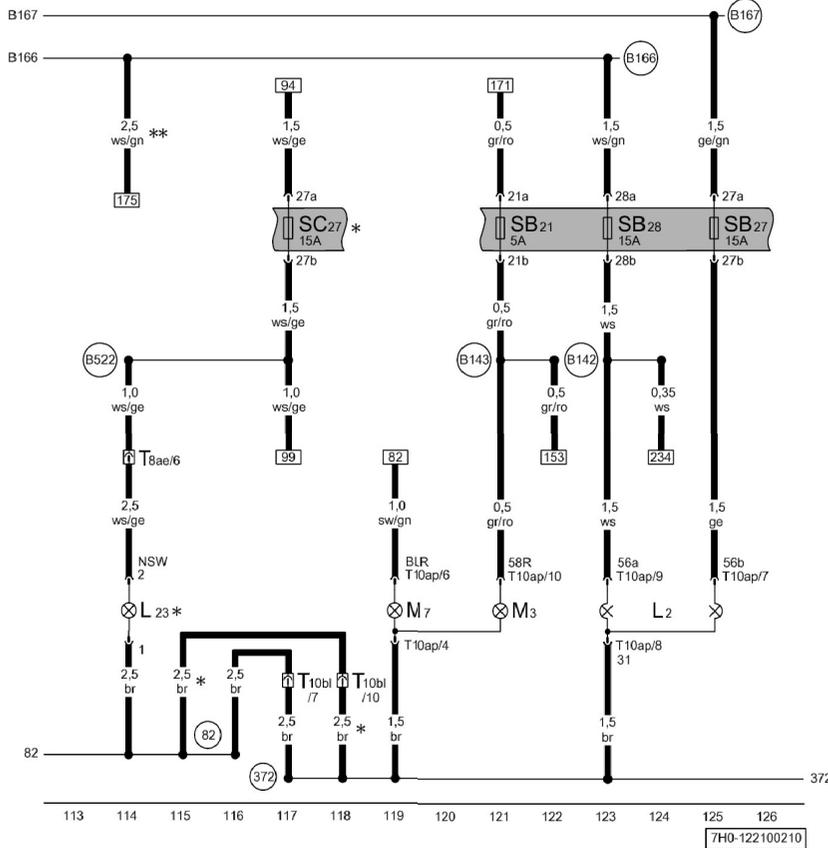
Fuses, right headlight twin filament bulb, right fog light bulb, right side light bulb, front right turn signal bulb

- J519 - Onboard supply control unit
- L2 - Right headlight twin filament bulb
- L23 - Right fog light bulb
- M3 - Right side light bulb
- M7 - Front right turn signal bulb
- SB21 - Fuse 21 on fuse holder B
- SB27 - Fuse 27 on fuse holder B
- SB28 - Fuse 28 on fuse holder B
- SC27 - Fuse 27 on fuse holder C
- T8ae - 8-pin connector, black, near headlight, front right
- T10bl - 10-pin connector, black, near front right headlight
- T10ap - 10-pin connector, black, on right of headlight
- 82 - Earth connection 1, in front left wiring harness

- 372 - Earth connection 7, in main wiring harness
- B142 - Positive connection 2 (56a), in interior wiring harness
- B143 - Positive connection (58R), in interior wiring harness
- B166 - Connection (56a), in interior wiring harness
- B167 - Connection (56b), in interior wiring harness
- B522 - Connection (FL), in main wiring harness

- * - for models with front fog light only
- ** - for models without taxi equipment only

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



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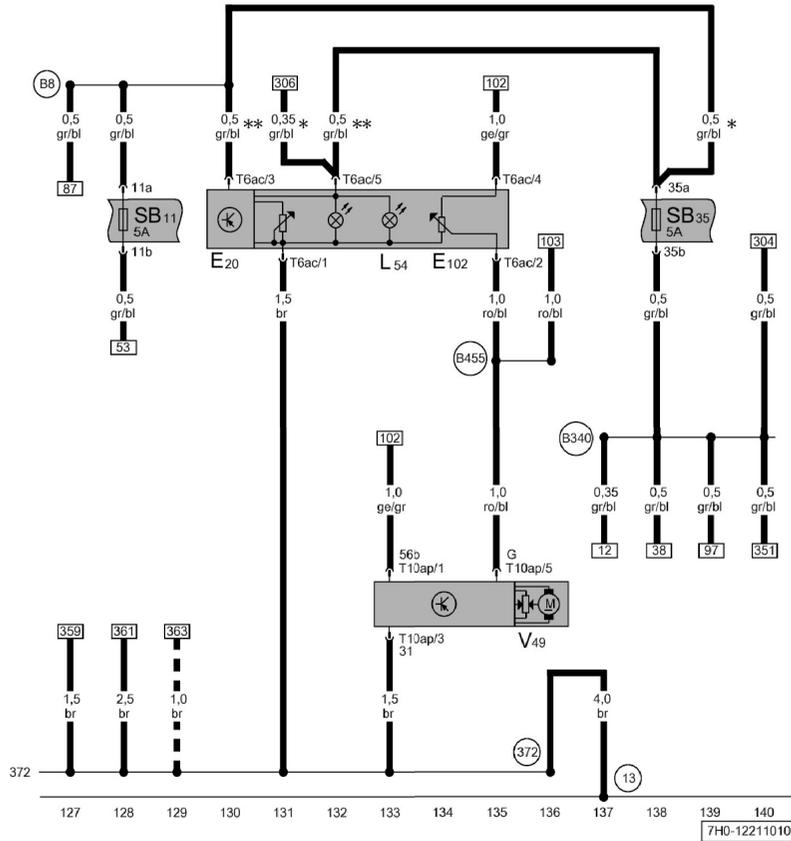
Current Flow Diagram

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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



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

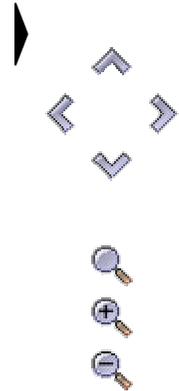
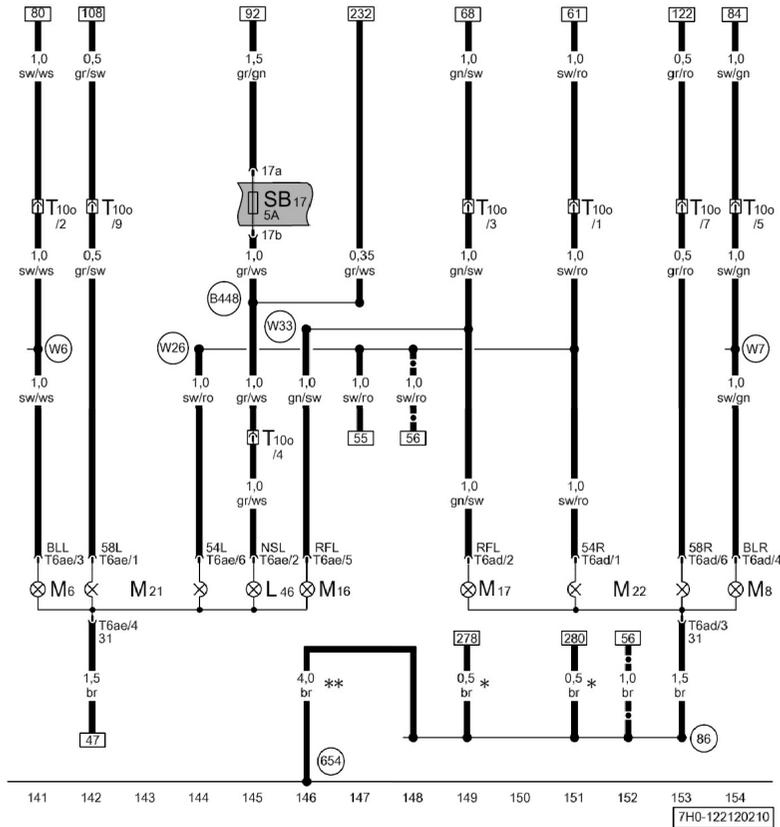
- 372 - Earth connection 7, in main wiring harness
- B8 - Positive connection (58), in light switch wiring harness
- B340 - Connection 1 (58d), in main wiring harness
- B455 - Connection (HRC), in main wiring harness

- * - for models without dimming instruments illumination only
- ** - for models with dimming instruments illumination only
- - - - - applicable up to December 2005

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Current Flow Diagram

No. 122 / 12



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

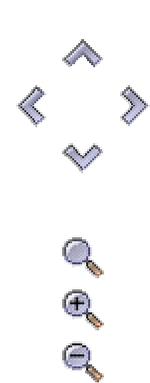
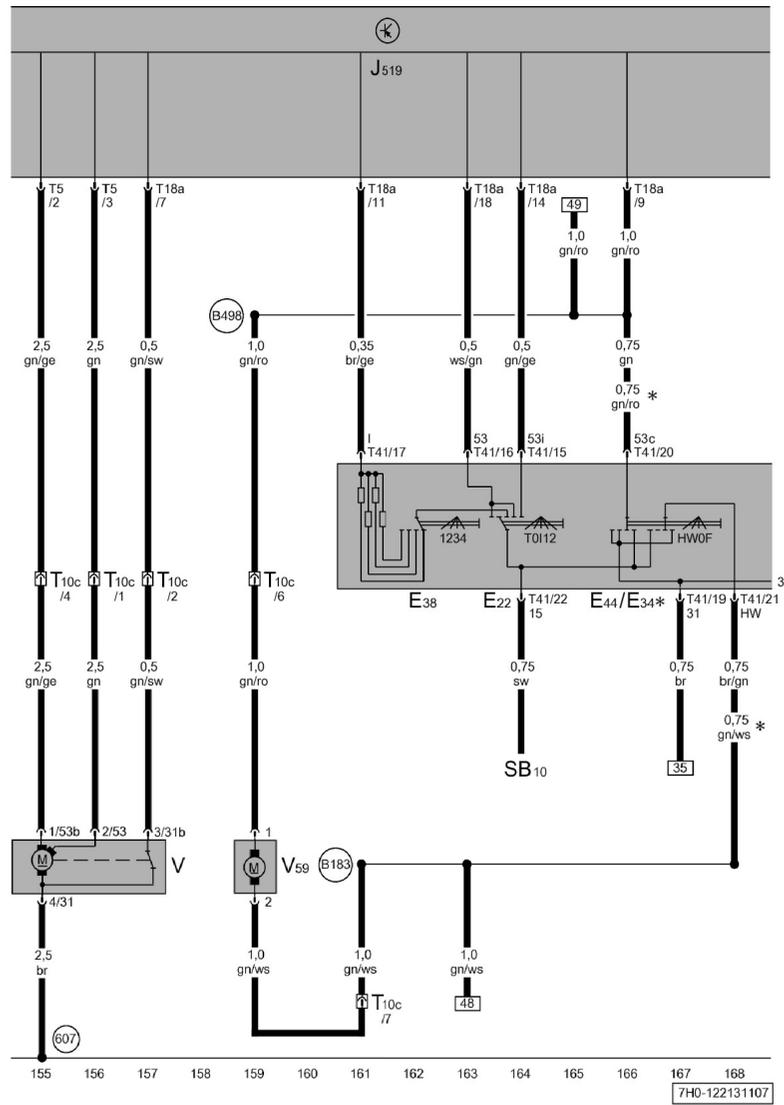
- Left brake and tail light bulb, right brake and tail light bulb, reversing light**
- J519 - Onboard supply control unit
- L46 - Rear left fog light bulb
- M6 - Rear left turn signal bulb
- M8 - Rear right turn signal bulb
- M16 - Left reversing light bulb
- M17 - Right reversing light bulb
- M21 - Left brake and tail light bulb
- M22 - Right brake and tail light bulb
- SB17 - Fuse 17 on fuse holder B
- T6ad - 6-pin connector
- T6ae - 6-pin connector
- T10o - 10-pin connector, light-green, coupling station under driver seat
- 86 - Earth connection 1, in rear wiring harness

- 654 - Earth point, right D-pillar
- B448 - Connection (rear fog light), in main wiring harness
- W6 - Connection (left turn signal) in rear wiring harness
- W7 - Connection (right turn signal), in rear wiring harness
- W26 - Positive connection (54), in tail light wiring harness
- W33 - Connection (reversing light), in rear lid wiring harness
- * - for models without anti-theft alarm system only Current Flow Diagram for convenience system anti-theft alarm system
- ** - cross-section depends on equipment
- - for models with high roof only

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Current Flow Diagram

No. 122 / 13



Onboard power supply control unit, intermittent wiper switch, windscreen wiper motor, windscreen and rear window washer pump

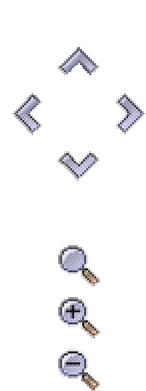
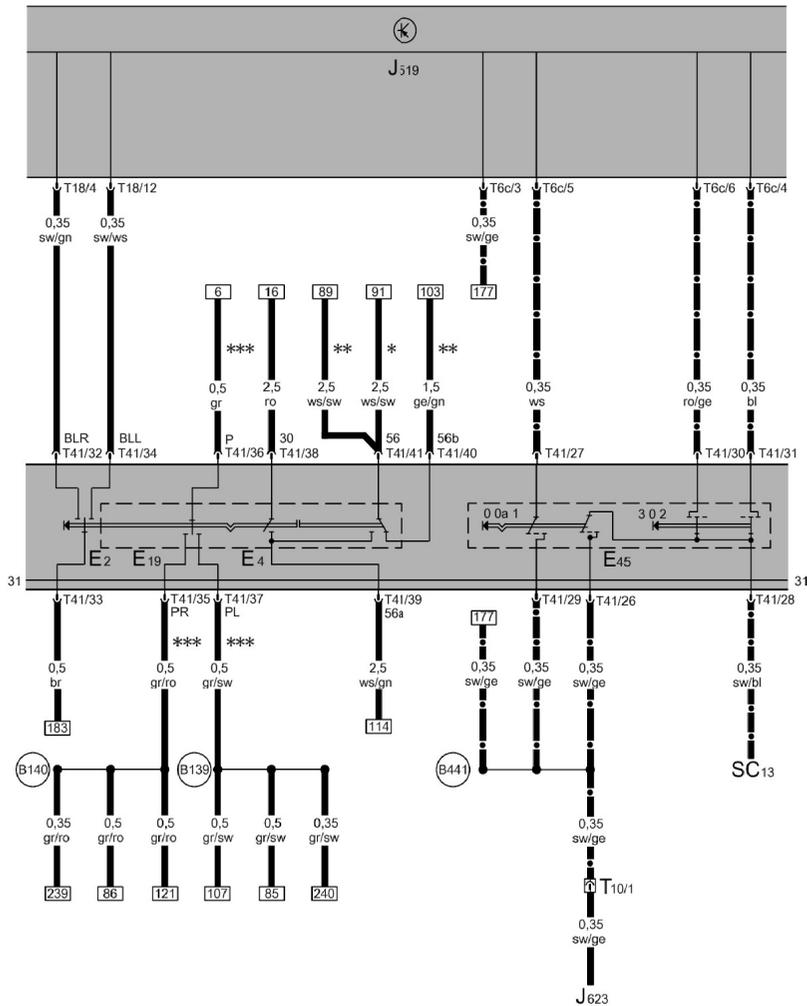
- E22 - Intermittent wiper switch
- E34 - Rear wiper switch
- E38 - Intermittent wiper regulator
- E44 - Washer pump switch (automatic wash/wipe and headlight washer system)
- J519 - Onboard supply control unit
- SB10 - Fuse 10 on fuse holder B
- T5 - 5-pin connector, black
- T10c - 10-pin connector, yellow, coupling station on electronics box, in engine compartment
- T18a - 18-pin connector, brown
- T41 - 41-pin connector
- V - Windscreen wiper motor
- V59 - Windscreen and rear window washer pump
- 607 - Earth point, on left in plenum chamber
- B183 - Connection 1 (washer pump), in interior wiring harness
- B498 - Connection 1 (53c), in interior wiring harness
- * - applicable from January 2006

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

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Current Flow Diagram

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- Onboard supply control unit, turn signal switch, parking light switch, headlight dipper/flasher switch, cruise control system switch**
- E2 - Turn signal switch
 - E4 - Headlight dipper/flasher switch
 - E19 - Parking light switch
 - E45 - Cruise control system switch
 - J519 - Onboard supply control unit
 - J623 - Engine control unit
 - SC13 - Fuse 13 on fuse holder C
 - T6c - 6-pin connector, black
 - T10 - 10-pin connector, black, coupling station on electronics box, in engine compartment
 - T18 - 18-pin connector, black
 - T41 - 41-pin connector
 - B139 - Connection (LPL), in interior wiring harness
 - B140 - Connection (RPL), in interior wiring harness
 - B441 - Connection (CCS), in main wiring harness
 - * - For multivan or camper Comfortline only
 - ** - applies only to commercial vehicles or Camper/Shuttle with base level of equipment
 - *** - for models without day driving light only
 - - for models with cruise control system and without multifunction steering wheel only

ws = white
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 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink

Transporter

Current Flow Diagram

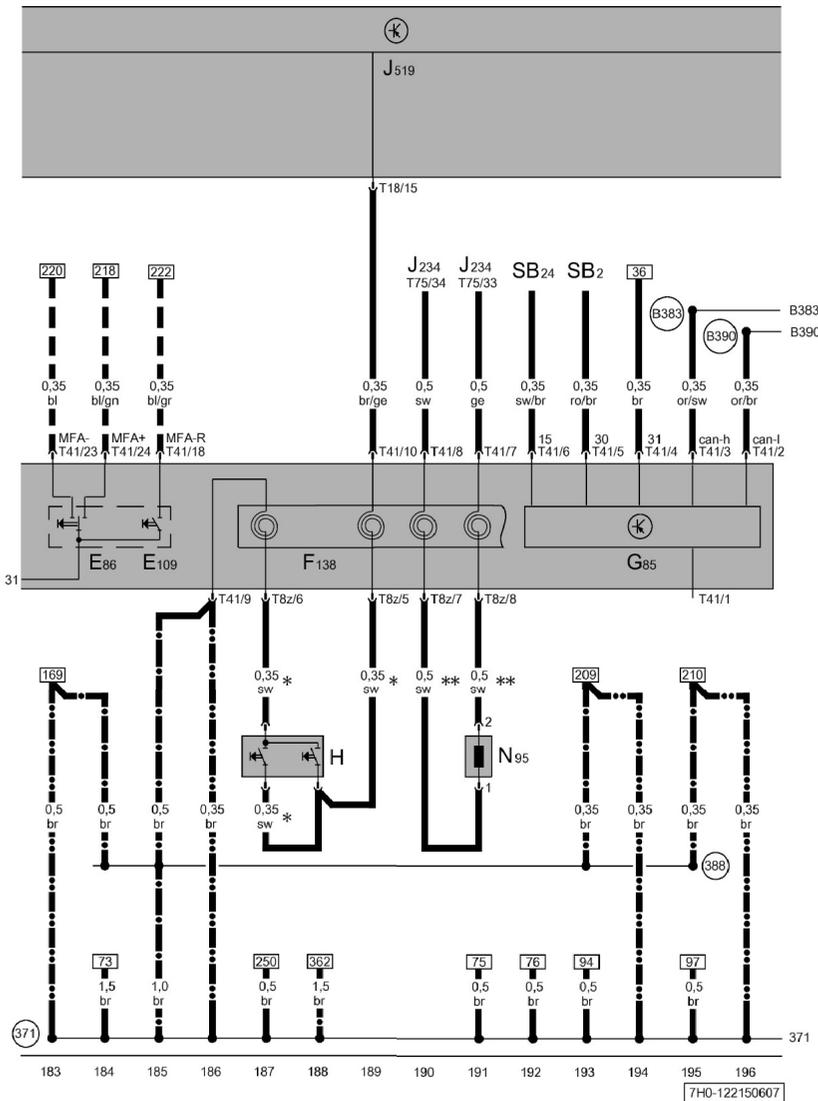
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Onboard supply control unit, multifunction display, horn plate, driver side airbag igniter, airbag coil connector/return spring with slip ring, steering angle sender

- E86 - Multifunction display call-up button
- E109 - Multifunction display memory switch
- F138 - Airbag coil connector and return spring with slip ring
- G85 - Steering angle sender
- H - Horn plate
- J234 - Airbag control unit
- J519 - Onboard supply control unit
- N95 - Driver side airbag igniter
- SB2 - Fuse 2 on fuse holder B
- SB24 - Fuse 24 on fuse holder B
- T8z - 8-pin connector, yellow, in steering wheel
- T18 - 18-pin connector, black
- T41 - 41-pin connector
- T75 - 75-pin connector
- 371 - Earth connection 6, in main wiring harness

- 388 - Earth connection 23, in main wiring harness
- B383 - Connection 1 (drive train CAN bus, high), in main wiring harness
- B390 - Connection 1 (drive train CAN bus, low), in main wiring harness

- * - for models without multifunction steering wheel only
- ** - for models without multifunction steering wheel only
- - Current Flow Diagram airbag
- - applicable up to December 2005
- - - - applicable from January 2006
- - - - for models with multifunction display only



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 bl = blue
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 rs = pink

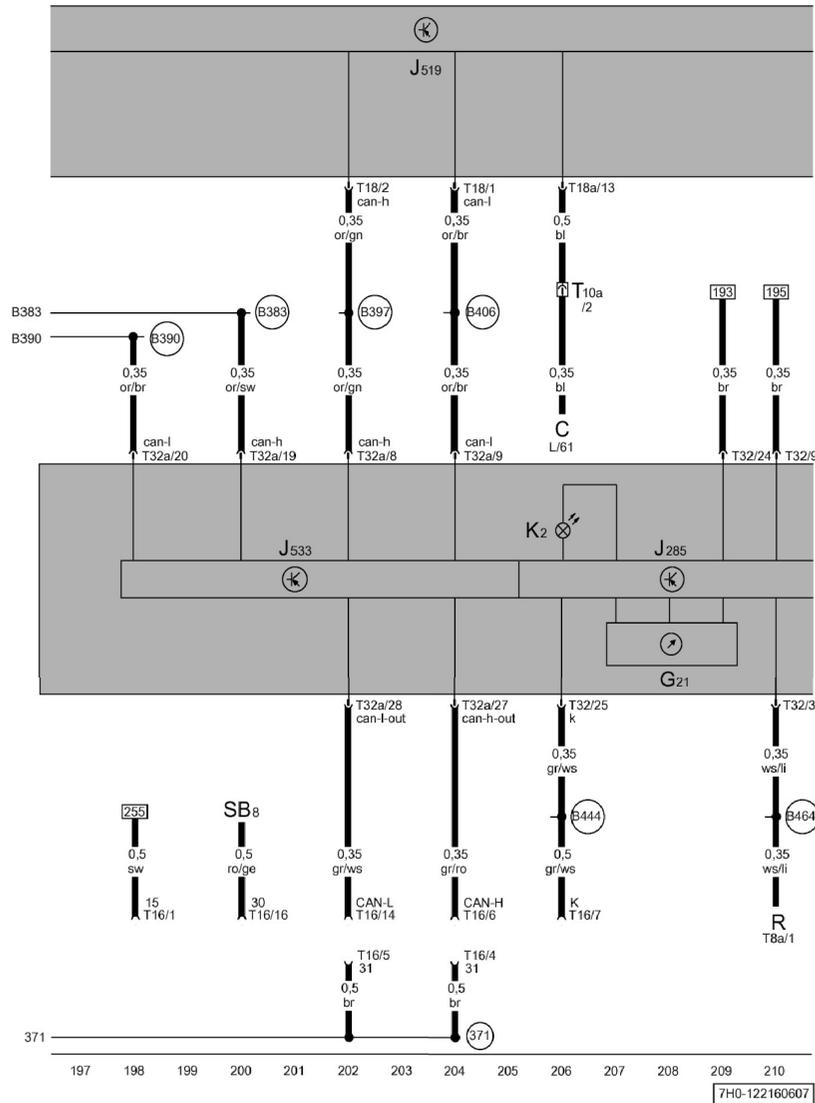


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Transporter

Current Flow Diagram

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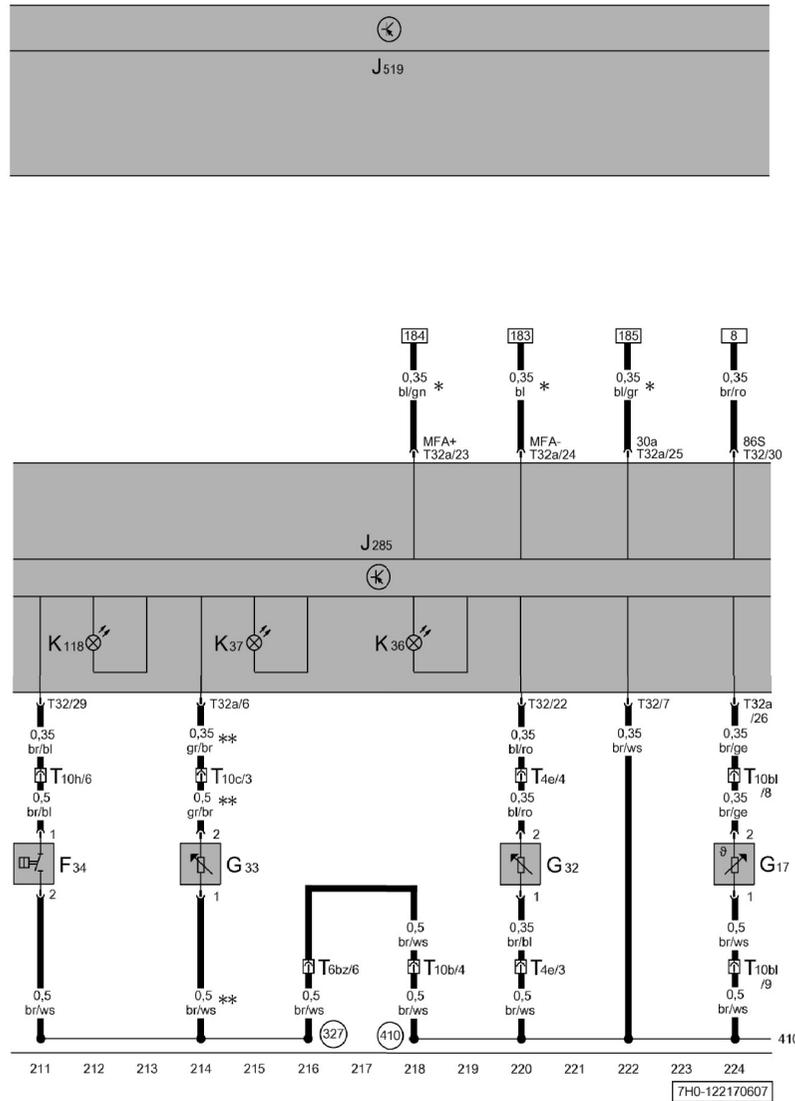


- Onboard supply control unit, control unit in dash panel insert, diagnostic connector, data bus diagnostic interface, alternator, speedometer**
- C - Alternator
 - G21 - Speedometer
 - J285 - Control unit in dash panel insert
 - J519 - Onboard supply control unit
 - J533 - Data bus diagnostic interface
 - K2 - Alternator warning lamp
 - R - Radio
 - SB8 - Fuse 8 on fuse holder B
 - T8a - 8-pin connector, black
 - T10a - 10-pin connector, brown, coupling station on electronics box, in engine compartment
 - T16 - 16-pin connector, diagnostic connector
 - T18 - 18-pin connector, black
 - T18a - 18-pin connector, brown
 - T32 - 32-pin connector, blue
 - T32a - 32-pin connector, green
 - 371 - Earth connection 6, in main wiring harness
-
- B383 - Connection 1 (drive train CAN bus, high), in main wiring harness
 - B390 - Connection 1 (drive train CAN bus, low), 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
 - B444 - Connection 1 (diagnosis), in main wiring harness
 - B464 - Connection (speed signal), in main wiring harness

Transporter

Current Flow Diagram

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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

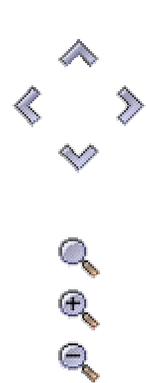
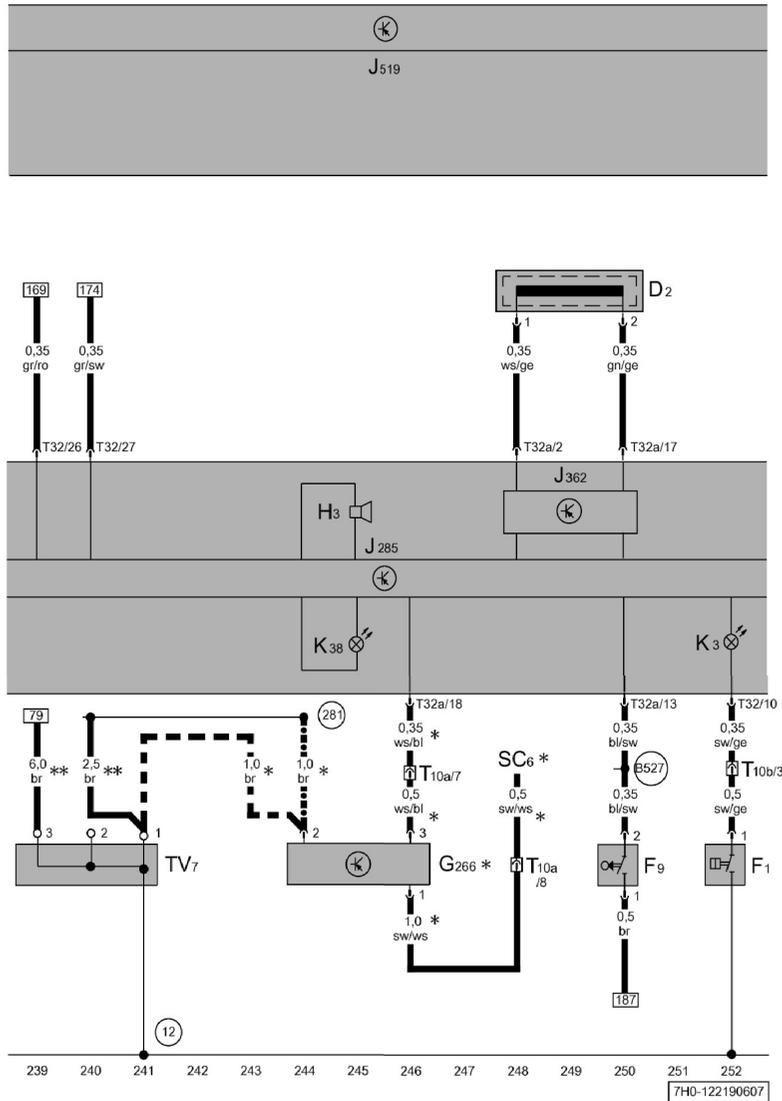
- Dash panel insert, brake fluid level warning contact, coolant shortage indicator sender, warning lamps, ambient temperature sensor, windscreen washer fluid level sender**
- F34 - Brake fluid level warning contact
 - G17 - Ambient temperature sensor
 - G32 - Coolant shortage indicator sender
 - G33 - Windscreen washer fluid level sender
 - J285 - Control unit in dash panel insert
 - J519 - Onboard supply control unit
 - K36 - Coolant shortage warning lamp
 - K37 - Washer fluid level warning lamp
 - K118 - Brake system warning lamp
 - T4e - 4-pin connector, black, near headlight, front right
 - T6bz - 6-pin connector, light-pink, coupling station on electronics box, in engine compartment
 - T10b - 10-pin connector, red, coupling station on electronics box, in engine compartment
 - T10c - 10-pin connector, yellow, coupling station on electronics box, in engine compartment
 - T10h - 10-pin connector, orange, coupling station on electronics box, in engine compartment
 - T10bl - 10-pin connector, black, near front right headlight
 - T32 - 32-pin connector, blue
 - T32a - 32-pin connector, green
 - 327 - Earth connection (sender earth), in engine compartment wiring harness
 - 410 - Earth connection 1 (sender earth), in main wiring harness
- * - for models with multifunction display only
 ** - for models with windscreen washer fluid level sender only

7H0-122170607

Transporter

Current Flow Diagram

No. 122 / 19



Dash panel insert, warning lamps, oil pressure switch, oil level and oil temperature sender, handbrake warning switch, immobilizer

- D2 - Immobilizer reader coil
- F1 - Oil pressure switch
- F9 - Handbrake warning switch
- G266 - Oil level and oil temperature sender
- H3 - Buzzer and gong
- J285 - Control unit in dash panel insert
- J362 - Immobilizer control unit
- J519 - Onboard supply control unit
- 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

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

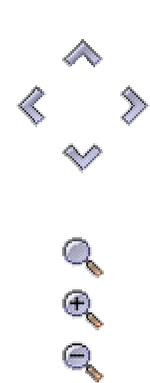
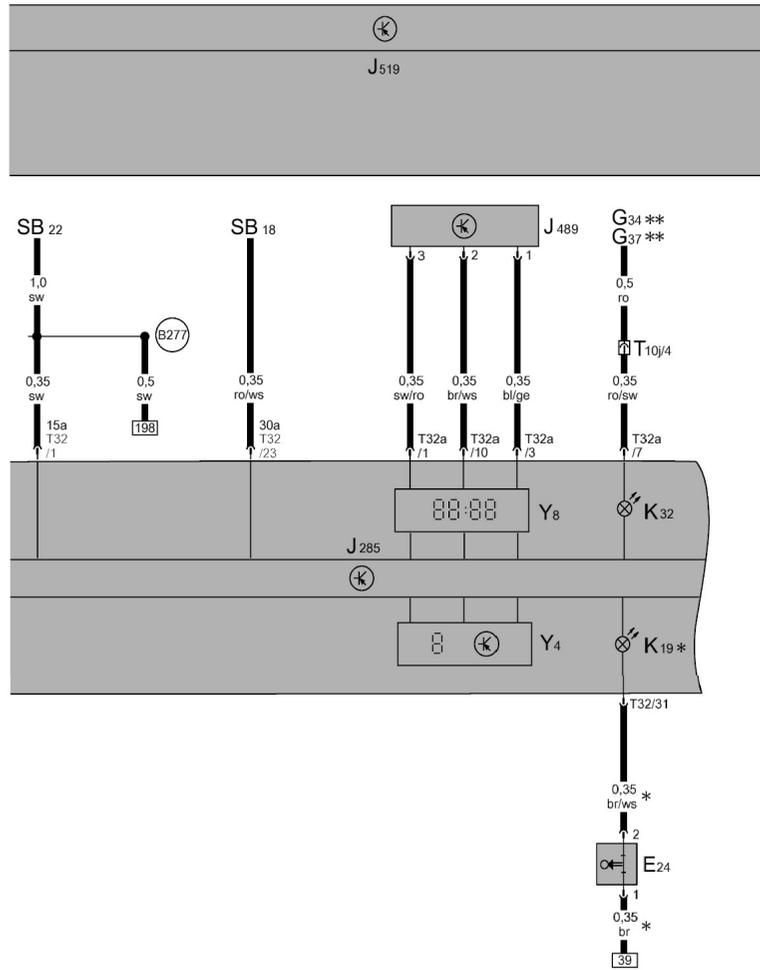
- 281 - Earth connection 1, in engine harness
- B527 - Connection (handbrake), in main wiring harness
- * - for models with extended servicing intervals only
- ** - Cross-section 4.0 possible
- - - - - for models with manual gearbox only
- - - - - for models with automatic gearbox only

7H0-122190607

Transporter

Current Flow Diagram

No. 122 / 20



- 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

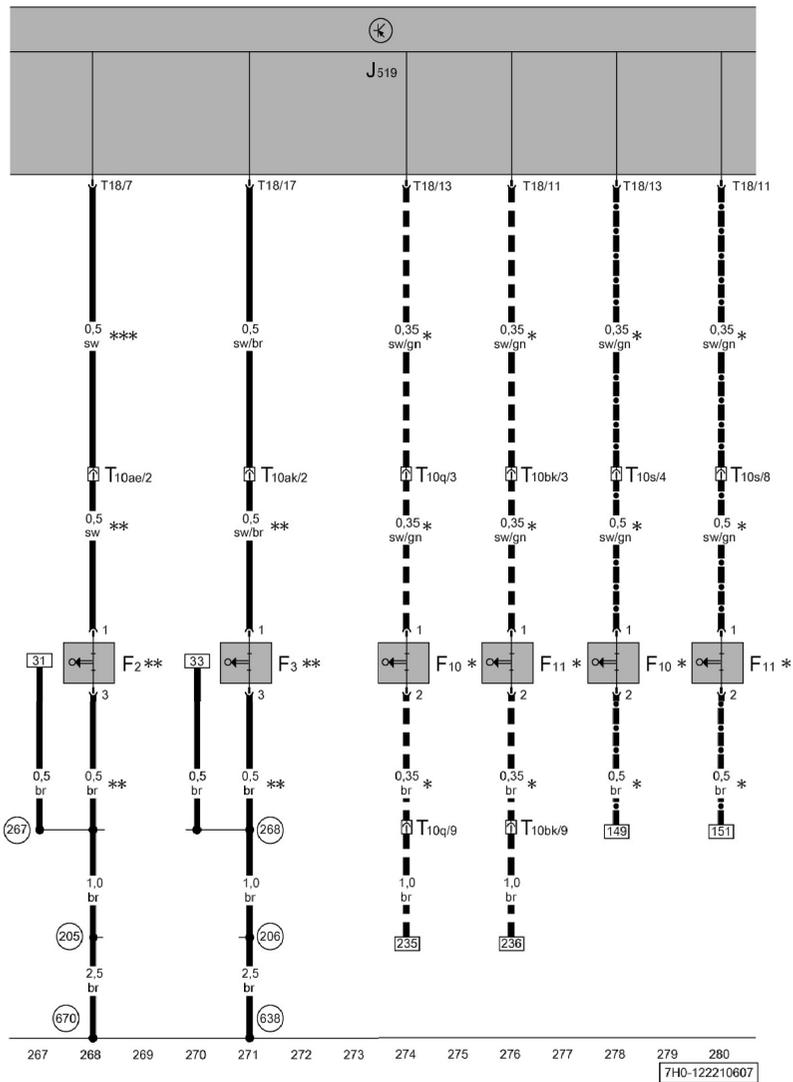
* - for models with belt switch only
 ** - ABS Current Flow Diagram

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

Transporter

Current Flow Diagram

No. 122 / 21



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

Onboard supply control unit, 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
- 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
- 670 - Earth point 2, left A-pillar
- * - for models without anti-theft alarm system only
- ** - for models without central locking only
- *** - for models without taxi equipment only
- - applicable up to December 2005
- - applicable from January 2006

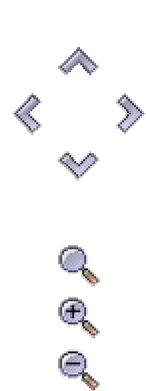
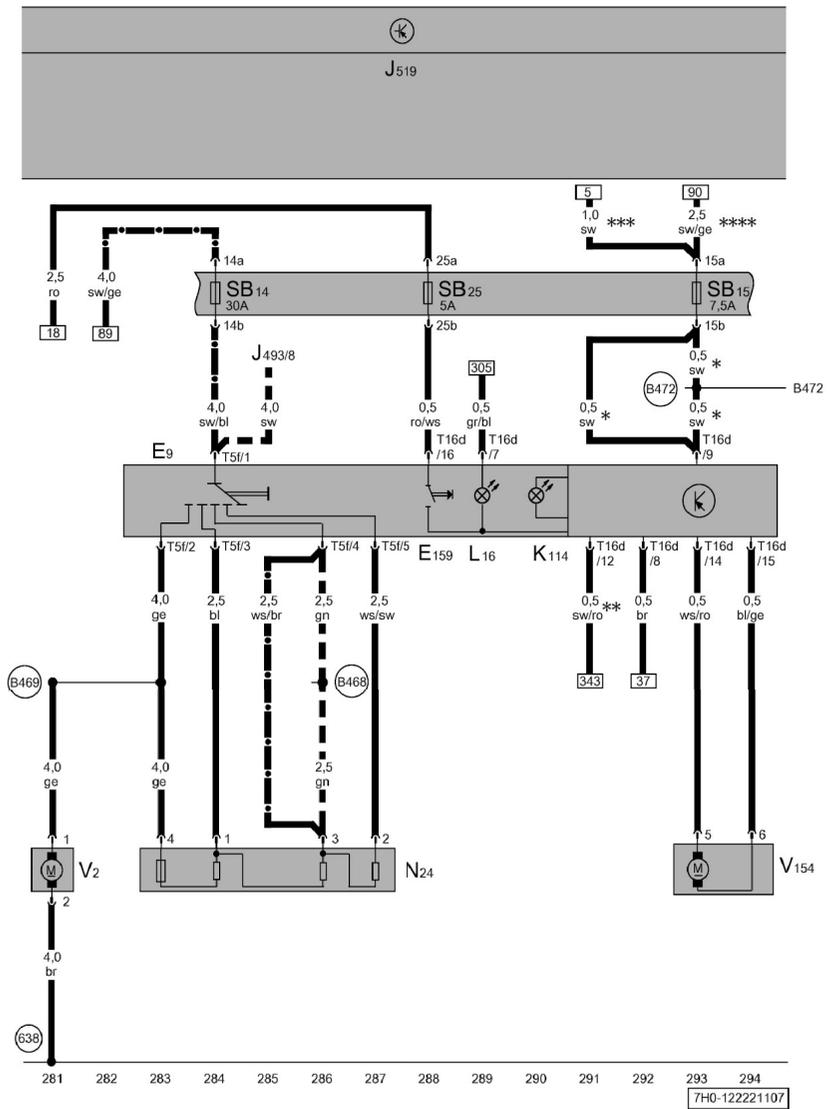
Current Flow Diagram

7H0-122210607

Transporter

Current Flow Diagram

No. 122 / 22



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

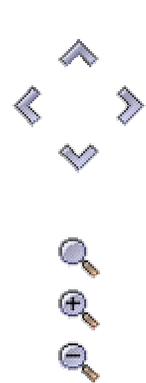
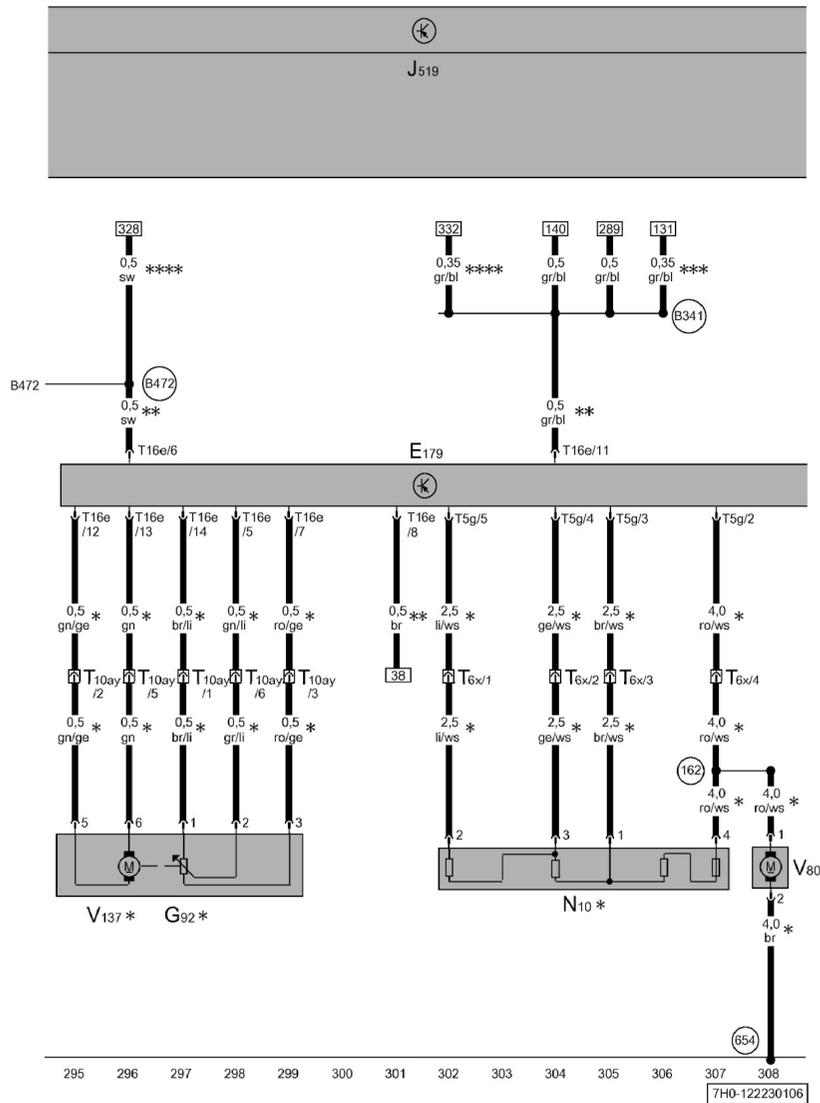
Fuses, fresh air blower switch, fresh air and air recirculation flap switch, fresh air blower, fresh air and air recirculation flap control motor

- E9 - Fresh air blower switch
 - E159 - Fresh air/air recirculation flap switch
 - J493 - Auxiliary coolant heater relay
 - J519 - Onboard supply control unit
 - K114 - Fresh air and air recirculation warning lamp
 - L16 - Fresh air regulator illumination bulb
 - N24 - Fresh air blower series resistor with overheating fuse
 - SB14 - Fuse 14 on fuse holder B
 - SB15 - Fuse 15 on fuse holder B
 - SB25 - Fuse 25 on fuse holder B
 - T5f - 5-pin connector
 - T16d - 16-pin connector, black
 - V2 - Fresh air blower
 - V154 - Fresh air/recirculated air flap control motor
 - 638 - Earth point, right A-pillar
-
- B468 - Connection 4 in main wiring harness
 - B469 - Connection 5 in main wiring harness
 - B472 - Connection 8 in main wiring harness
-
- * - depends on equipment
 - ** - for box-type delivery van and hybrid vehicle with separate vehicle interior ventilation only, for camper applicable from April 2006
 - *** - applicable up to December 2005
 - **** - applicable from January 2006
 - - for models without auxiliary coolant heater only
 - - for models with auxiliary coolant heater only

Transporter

Current Flow Diagram

No. 122 / 23



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

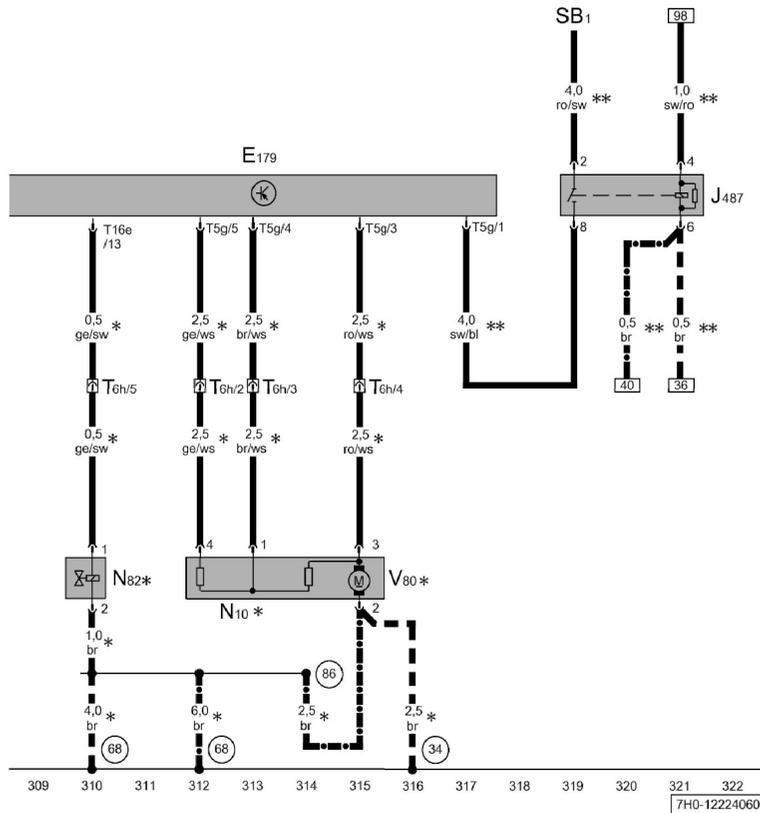
Rear fresh air blower switch, series resistor for rear fresh air blower, rear fresh air blower, rear temperature flap control motor, control motor potentiometer

- E179 - Rear fresh air blower switch
- G92 - Temperature flap control motor potentiometer
- J519 - Onboard supply control unit
- N10 - Series resistor for rear fresh air blower
- T5g - 5-pin connector
- T6x - 6-pin connector, purple, coupling station under front passenger seat
- T10ay - 10-pin connector, red, coupling station under front passenger seat
- T16e - 16-pin connector, black
- V80 - Rear fresh air blower
- V137 - Rear temperature flap control motor
- 162 - Earth connection, in blower motor wiring harness
- 654 - Earth point, right D-pillar
- B341 - Connection 2 (58d), in main wiring harness
- B472 - Connection 8 in main wiring harness
- * - for box-type delivery van and hybrid vehicle without separate vehicle interior ventilation only, not for double cab
- ** - for double cab, Box-type delivery van and hybrid vehicle without separate vehicle interior ventilation only
- *** - for models without dimming instruments illumination only
- **** - for camper, box-type delivery van and hybrid vehicle with separate vehicle interior ventilation only

Transporter

Current Flow Diagram

No. 122 / 24



Rear fresh air blower switch, series resistor for rear fresh air blower, rear fresh air blower, fresh air blower isolation relay

- E179 - Rear fresh air blower switch
- J487 - Fresh air blower isolation relay
- J519 - Onboard supply control unit
- N10 - Series resistor for rear fresh air blower
- N82 - Coolant shut-off valve
- SB1 - Fuse 1 on fuse holder B
- T5g - 5-pin connector
- T6h - 6-pin connector, purple, coupling station under driver seat
- T16e - 16-pin connector, black
- V80 - Rear fresh air blower
- 34 - Earth point, under driver seat
- 68 - Earth point, on left of rear cross member
- 86 - Earth connection 1, in rear wiring harness

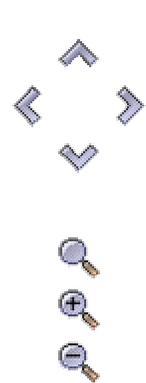
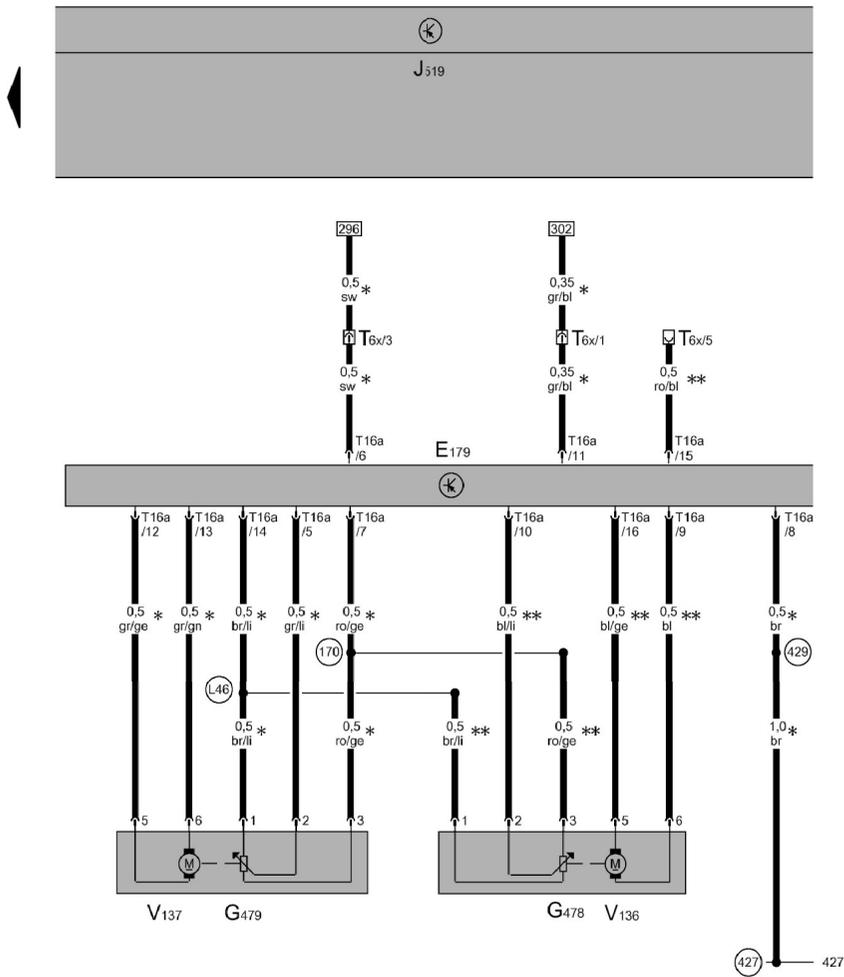
- * - for models with double cab only
- ** - for double cab, Box-type delivery van and hybrid vehicle without separate vehicle interior ventilation only
- - applicable up to December 2005
- - applicable from January 2006

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

Transporter

Current Flow Diagram

No. 122 / 25



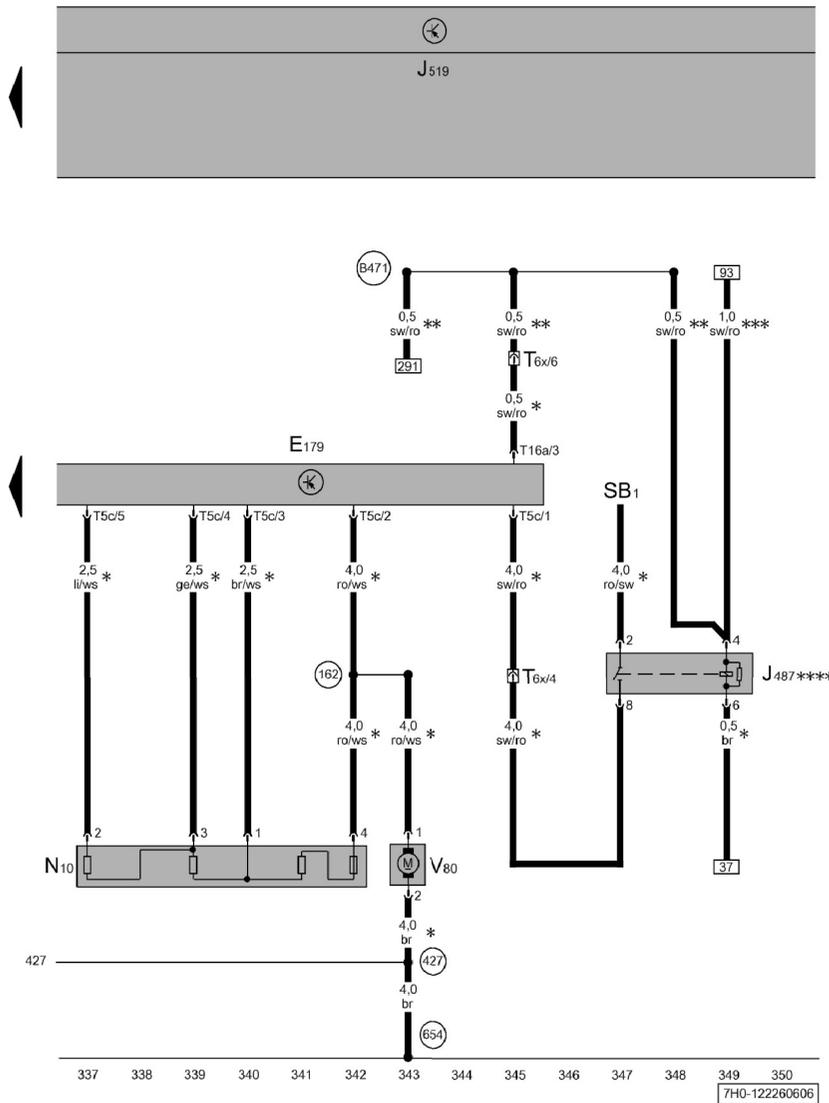
- Rear fresh air blower switch, rear air distribution control motor, rear temperature flap motor, potentiometer for control motor**
- E179 - Rear fresh air blower switch
 - G478 - Potentiometer for rear air distribution control motor
 - G479 - Potentiometer for rear temperature flap motor
 - J519 - Onboard supply control unit
 - T6x - 6-pin connector, purple, coupling station under front passenger seat
 - T16a - 16-pin connector, black
 - V136 - Rear air distribution control motor
 - V137 - Rear temperature flap control motor
 - 170 - Earth connection 1, in air conditioning system/Climatronic operating unit wiring harness
 - 427 - Earth connection 3, in right rear end wiring harness
 - 429 - Earth connection 4, in right rear end wiring harness
 - L46 - Connection (5 Volt), in Climatronic operating unit wiring harness
- * - for camper, box-type delivery van and hybrid vehicle with separate vehicle interior ventilation only
- ** - for box-type delivery van and hybrid vehicle with separate vehicle interior ventilation only, not for camper

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

Transporter

Current Flow Diagram

No. 122 / 26



Rear fresh air blower switch, series resistor for rear fresh air blower, rear fresh air blower, fresh air blower isolation relay

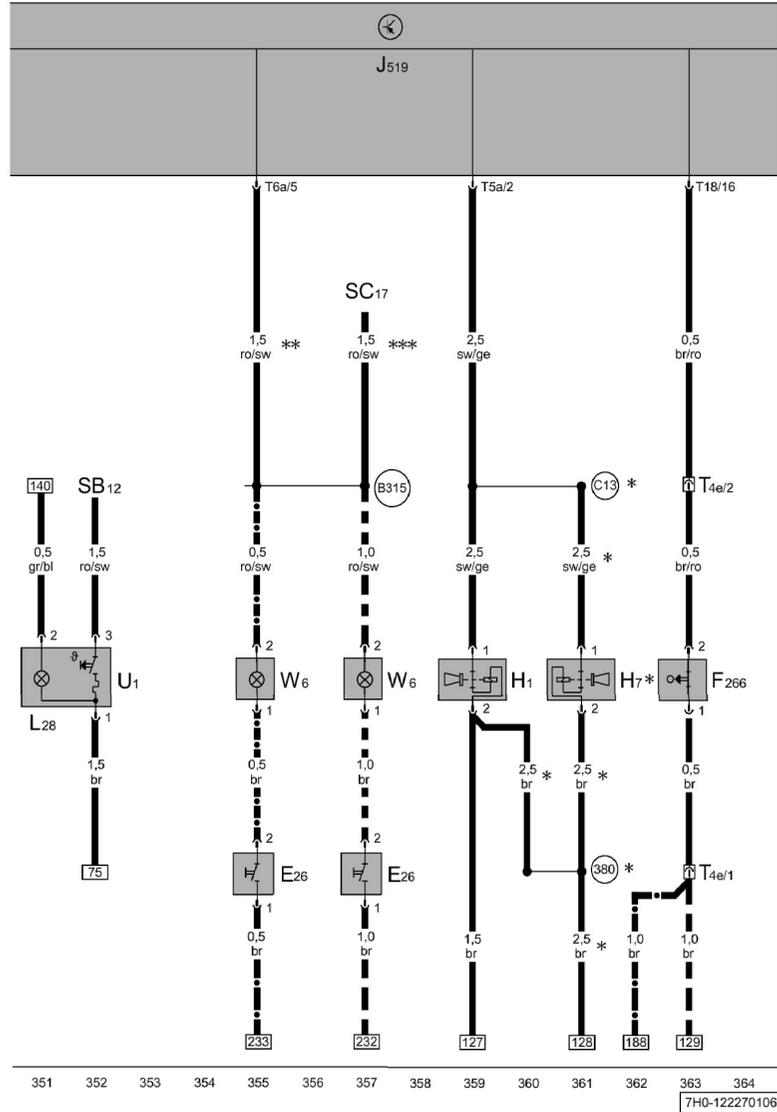
- E179 - Rear fresh air blower switch
- J487 - Fresh air blower isolation relay
- J519 - Onboard supply control unit
- N10 - Series resistor for rear fresh air blower
- T5c - 5-pin connector
- T6x - 6-pin connector, purple, coupling station under front passenger seat
- T16a - 16-pin connector, black
- SB1 - Fuse 1 on fuse holder B
- V80 - Rear fresh air blower
- 162 - Earth connection, in blower motor wiring harness
- 427 - Earth connection 3, in right rear end wiring harness
- 654 - Earth point, right D-pillar
- B471 - Connection 7 in main wiring harness
- * - for camper, box-type delivery van and hybrid vehicle with separate vehicle interior ventilation only
- ** - for box-type delivery van and hybrid vehicle with separate vehicle interior ventilation only, for camper applicable from April 2006
- *** - for camper only, applicable up to March 2006
- **** - applicable from January 2006, models up to December 2005 Ò heater with mechanical control Current Flow Diagram

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

Transporter

Current Flow Diagram

No. 122 / 27



Onboard supply control unit, cigarette lighter, glove compartment light, glove compartment light switch, horn or dual tone horn, bonnet contact switch

- E26 - Glove compartment light switch
- F266 - Bonnet contact switch
- H1 - Horn or dual tone horn
- H7 - Bass tone horn
- J519 - Onboard supply control unit
- L28 - Cigarette lighter illumination bulb
- SB12 - Fuse 12 on fuse holder B
- SC17 - Fuse 17 on fuse holder C
- T4e - 4-pin connector, black, near headlight, front right
- T5a - 5-pin connector, brown
- T6a - 6-pin connector, brown
- T18 - 18-pin connector, black
- U1 - Cigarette lighter
- W6 - Glove compartment light
- 380 - Earth connection 15, in main wiring harness
- B315 - Positive connection 1 (30a), in main wiring harness
- C13 - Positive connection in dual tone horn wiring harness