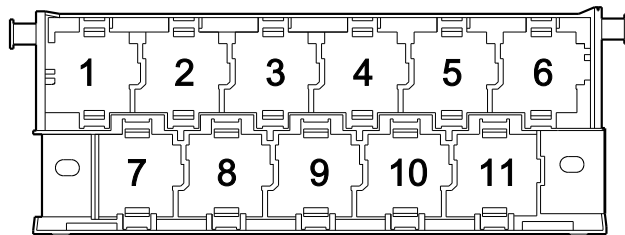


Basic equipment

From October 1999

For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.

Relay locations on relay plate:



97-25507

6 - X contact relief relay (100)

9 - Windscreen wiper relay (174)

11 - Automatic intermittent wash/wipe relay (19)



Note:

♦ *The number in brackets behind the part designation denotes the control number on the housing.*

Fuse colours

30 A - green

25 A - white

20 A - yellow

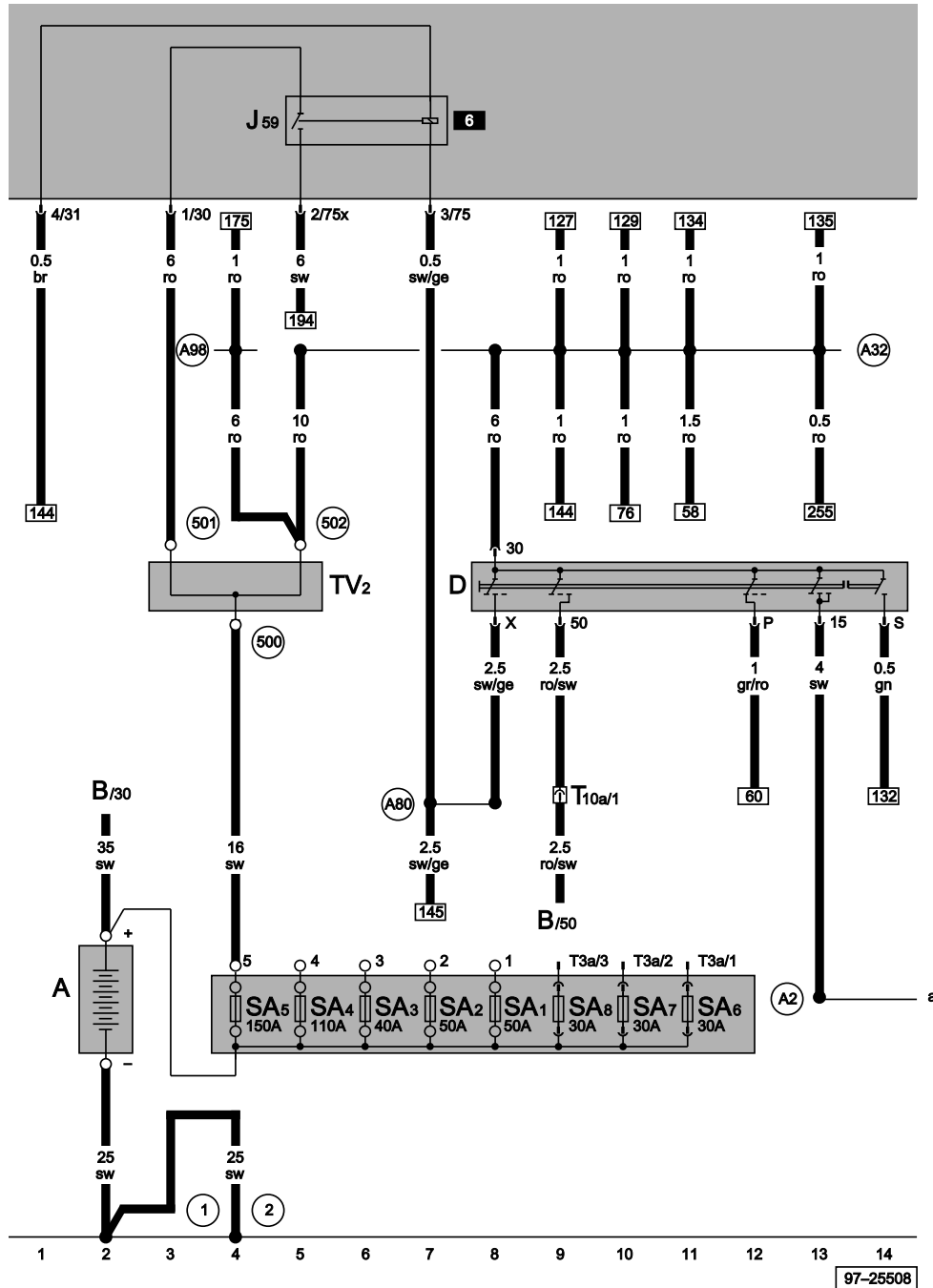
15 A - blue

10 A - red

7.5 A - brown

5 A - beige

3 A - purple



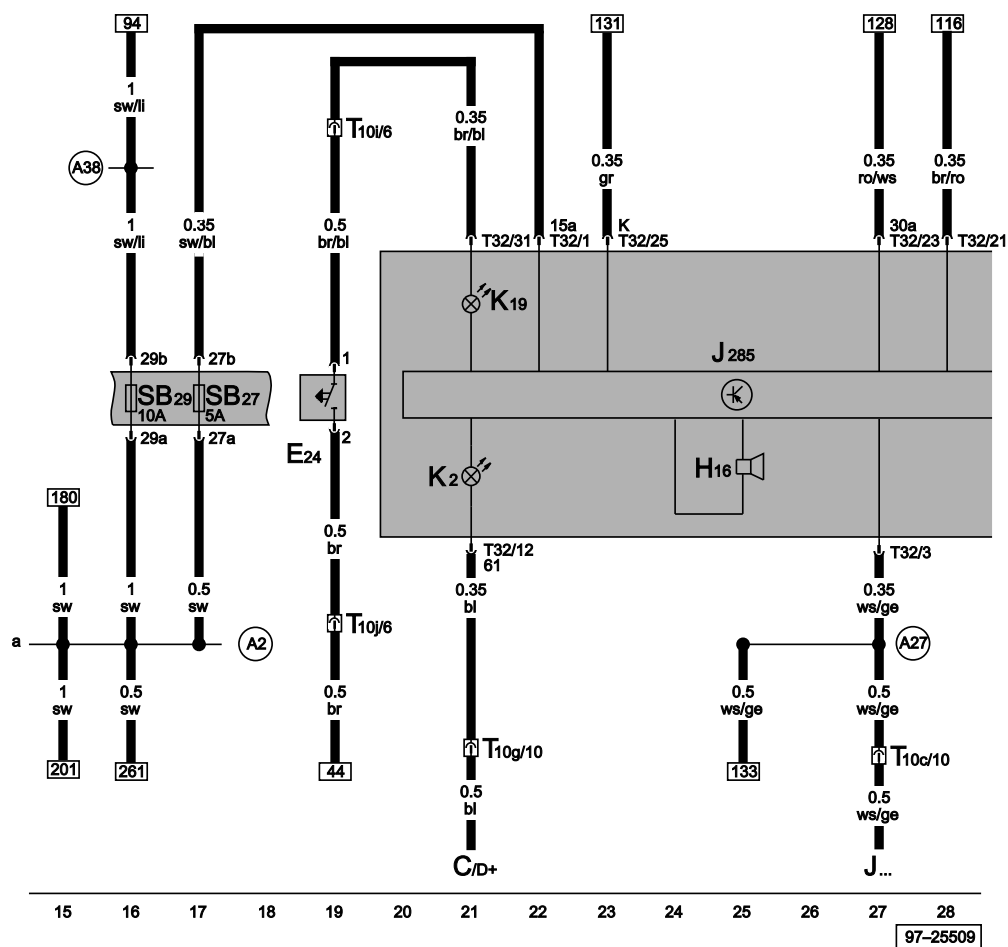
Battery, ignition/starter switch, X contact relief relay, terminal 30 junction box

- A Battery
- B Starter
- D Ignition/starter switch
- J59 X contact relief relay
- SA1 Fuse -1- on battery fuse box
- SA2 Fuse -2- on battery fuse box
- SA3 Fuse -3- on battery fuse box
- SA4 Fuse -4- on battery fuse box
- SA5 Fuse -5- on battery fuse box
- SA6 Fuse -6- on battery fuse box
- SA7 Fuse -7- on battery fuse box
- SA8 Fuse -2- on battery fuse box
- TV2 Terminal 30 junction box
- T3a 3-pin connector, in battery
- T10a 10-pin connector, black, in protective housing for connectors
- 1 Earth strap, battery - body
- 2 Earth strap, gearbox - body
- 500 Screw connection -1- (30), on relay plate
- 501 Screw connection -2- (30), on relay plate
- 502 Screw connection -1- (30a), on relay plate
- A2 Positive (+) connection (15), in dash panel wiring harness
- A32 Positive (+) connection (30), in dash panel wiring harness
- A80 Connection -1- (X), in dash panel wiring harness
- A98 Positive (+) connection -4- (30), in dash panel wiring harness

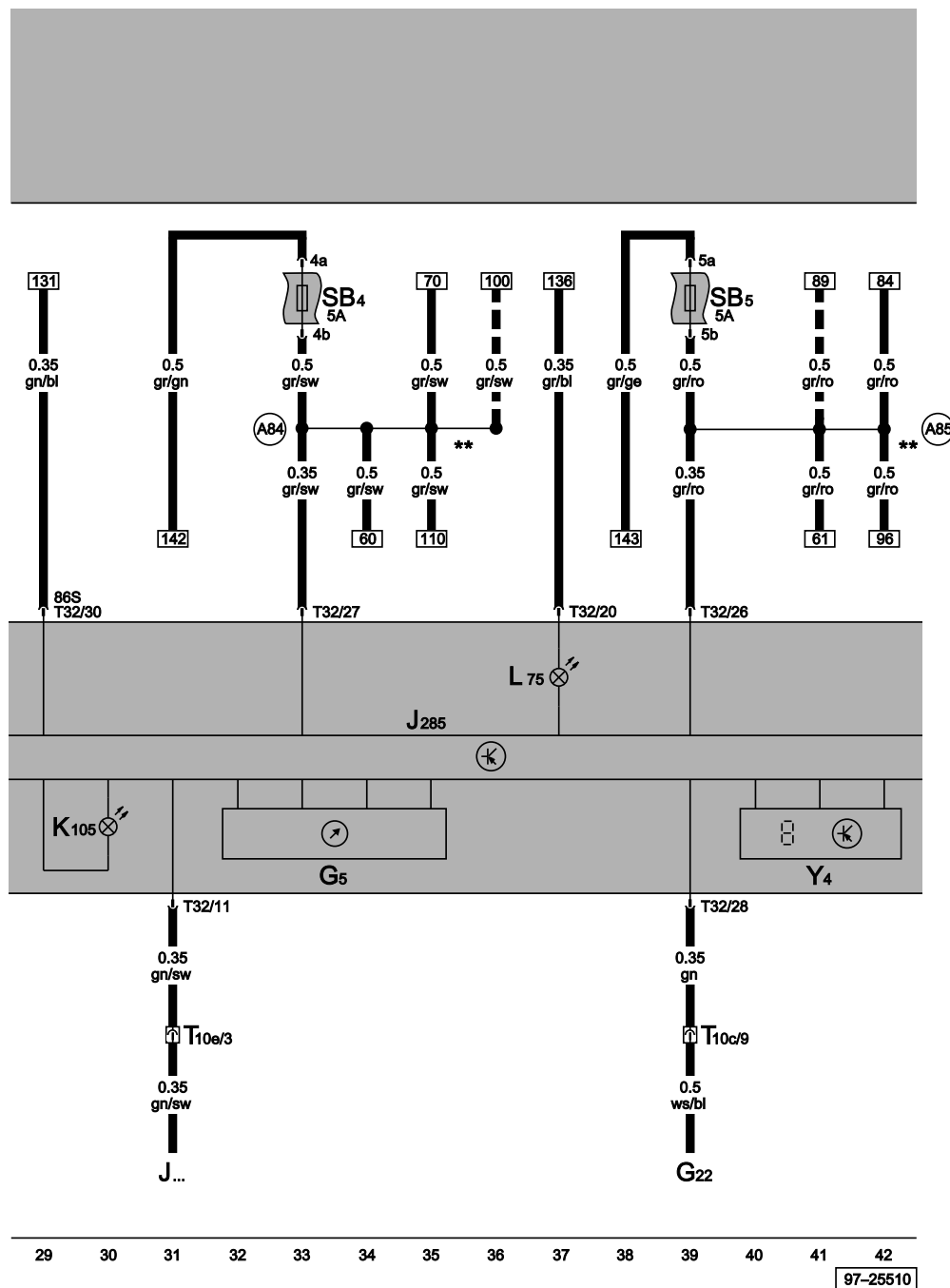
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sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Control unit with display in dash panel insert, belt switch, driver's side, lights switched on warning buzzer alternator warning lamp, seat belt warning system warning lamp

- C Alternator
- E24 Belt switch, driver's side
- H16 Lights switched on warning buzzer
- J... Engine control units
- J285 Control unit with display in dash panel insert
- K2 Alternator warning lamp
- K19 Seat belt warning system warning lamp
- SB27 Fuse -27- on fuse box
- SB29 Fuse -29- on fuse box
- T10c 10-pin connector, brown, in protective housing for connectors
- T10g 10-pin connector, red, in protective housing for connectors
- T10i 10-pin connector, orange, in protective housing for connectors
- T10j 10-pin connector, grey, in protective housing for connectors
- T32 32-pin connector, blue
- A2 Positive (+) connection (15), in dash panel wiring harness
- A27 Connection (speed signal), in dash panel wiring harness
- A38 Positive (+) connection -2- (15a), in dash panel wiring harness



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



Control unit with display in dash panel insert, rev. counter, reserve fuel warning lamp, digital display illumination, odometer display

- G5 Rev. counter
- G22 Speedometer sender (Hall sender, on gearbox)
- J... Engine control units
- J285 Control unit with display in dash panel insert
- K105 Reserve fuel warning lamp
- L75 Digital display illumination
- SB4 Fuse -4- on fuse box
- SB5 Fuse -5- on fuse box
- T10c 10-pin connector, brown, in protective housing for connectors
- T10e 10-pin connector, green, in protective housing for connectors
- T32 32-pin connector, blue
- Y4 Odometer display

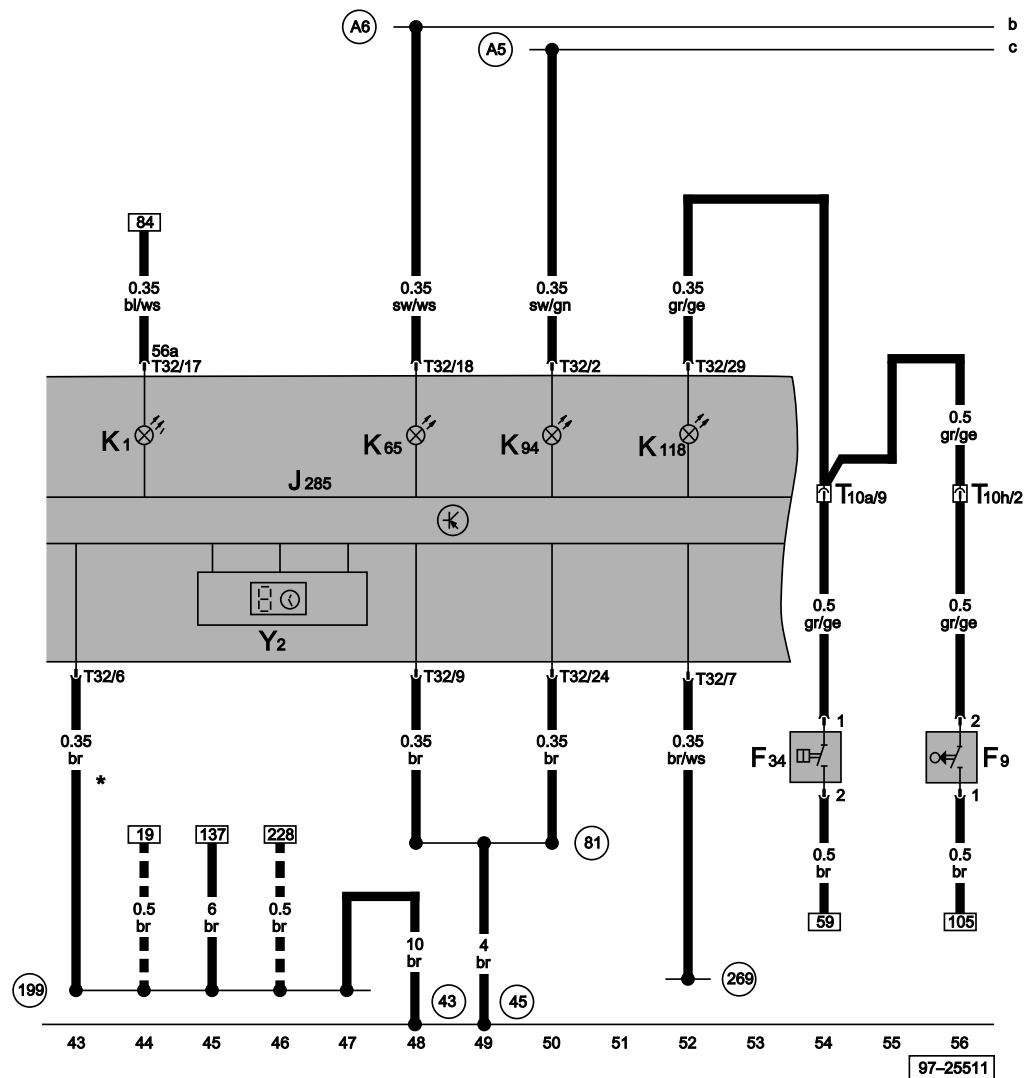
A84 Connection (58L), in dash panel wiring harness

A85 Connection (58R), in dash panel wiring harness

** Only models Polo Classic
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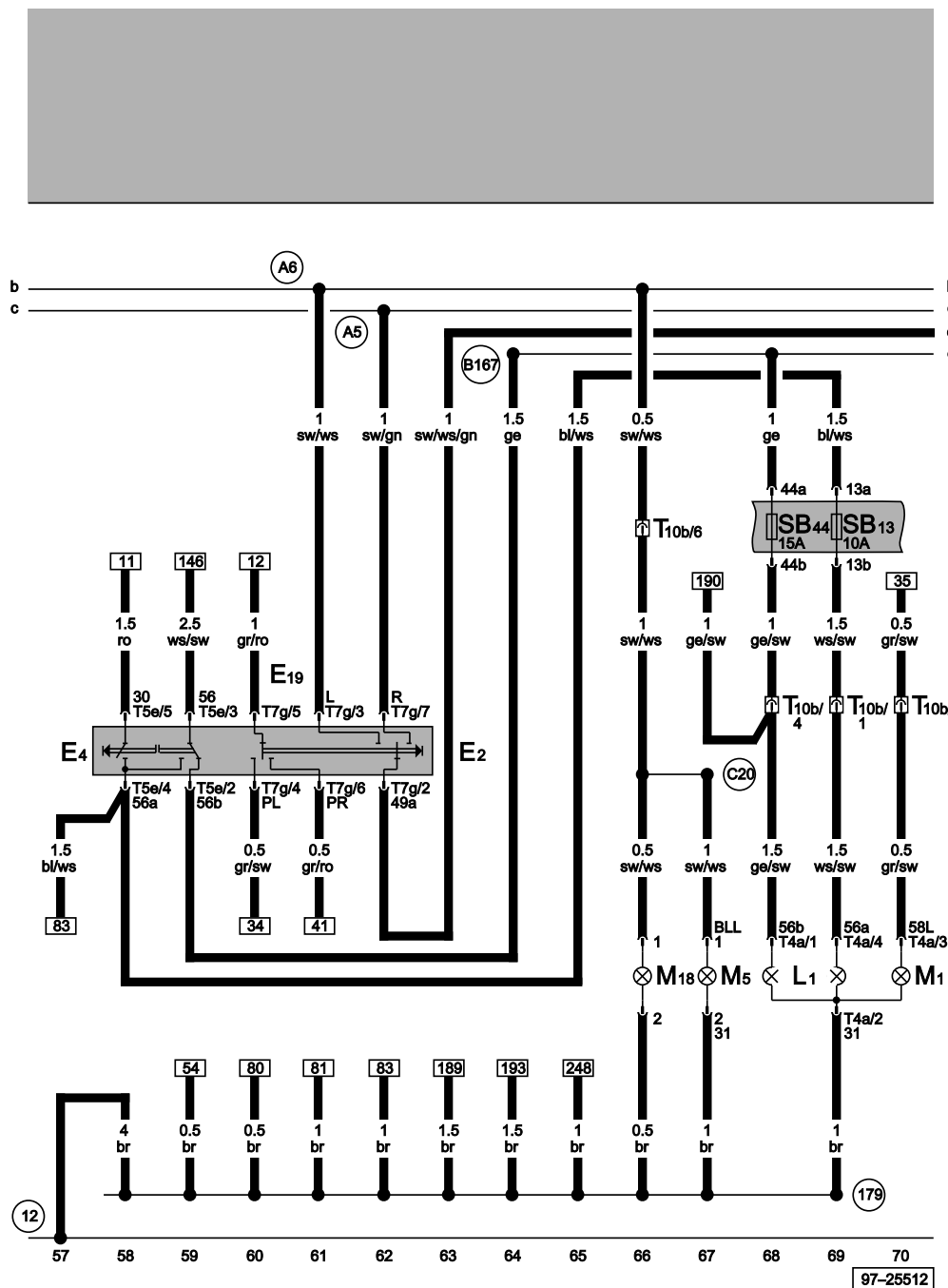


Control unit with display in dash panel insert, handbrake warning switch, brake fluid level warning contact, main beam warning lamp, brake system warning lamp, digital clock

- F9 Handbrake warning switch
 - F34 Brake fluid level warning contact
 - J285 Control unit with display in dash panel insert
 - K1 Main beam warning lamp
 - K65 Left turn signal warning lamp
 - K94 Right turn signal warning lamp
 - K118 Brake system warning lamp
 - T10a 10-pin connector, black, in protective housing for connectors
 - T10h 10-pin connector, green, in protective housing for connectors
 - T32 32-pin connector, blue
 - Y2 Digital clock
 - 43 Earth point, lower part of right A-pillar
 - 45 Earth point, behind dash panel - centre
 - 81 Earth connection -1-, in dash panel wiring harness
 - 199 Earth connection -3-, in dash panel wiring harness
 - 269 Earth connection (sender earth) -1-, in dash panel wiring harness
 - A5 Positive (+) connection (right turn signal), in dash panel wiring harness
 - A6 Positive (+) connection (left turn signal), in dash panel wiring harness
 - * Does not apply to airbag
- <fo:exter Only models Polo Variant
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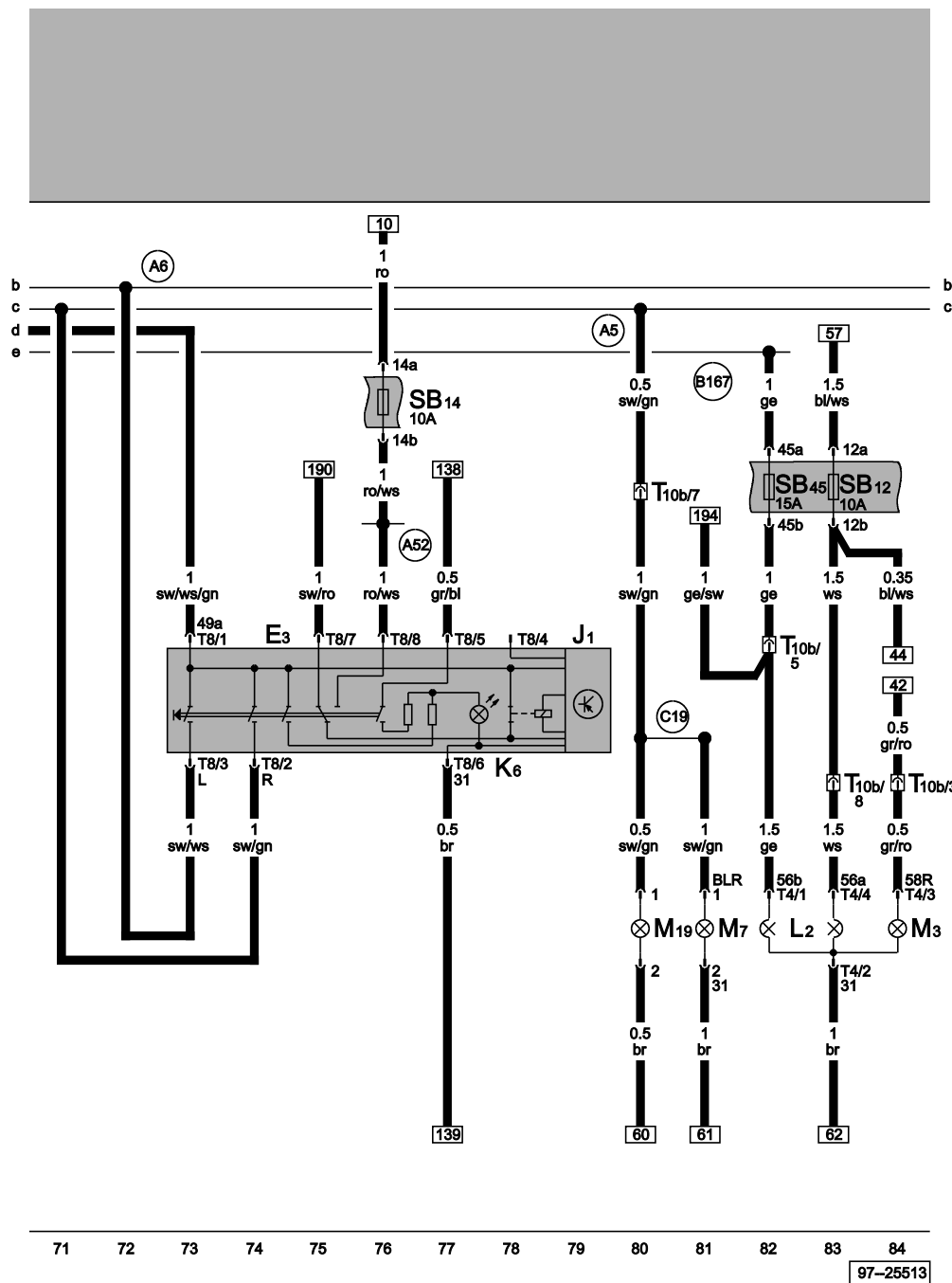


Turn signal switch, headlight dipper/flasher switch, parking light switch, twin filament bulb for headlight, left side light bulb, left

- E2 Turn signal switch
- E4 Headlight dipper/flasher switch
- E19 Parking light switch
- L1 Twin filament bulb for headlight, left
- M1 Side light bulb, left
- M5 Turn signal bulb, front left
- M18 Side turn signal bulb, left
- SB13 Fuse -13- on fuse box
- SB44 Fuse -44- on fuse box
- T4a 4-pin connector, in headlight, left
- T5e 5-pin connector
- T7g 7-pin connector
- T10b 10-pin connector, white, in protective housing for connectors

- 12 Earth point, in engine compartment, left
- 179 Earth connection, in left headlight wiring harness
- A5 Positive (+) connection (right turn signal), in dash panel wiring harness
- A6 Positive (+) connection (left turn signal), in dash panel wiring harness
- B167 Connection (56b), in interior wiring harness
- C20 Connection (turn signal, left), in headlight wiring harness

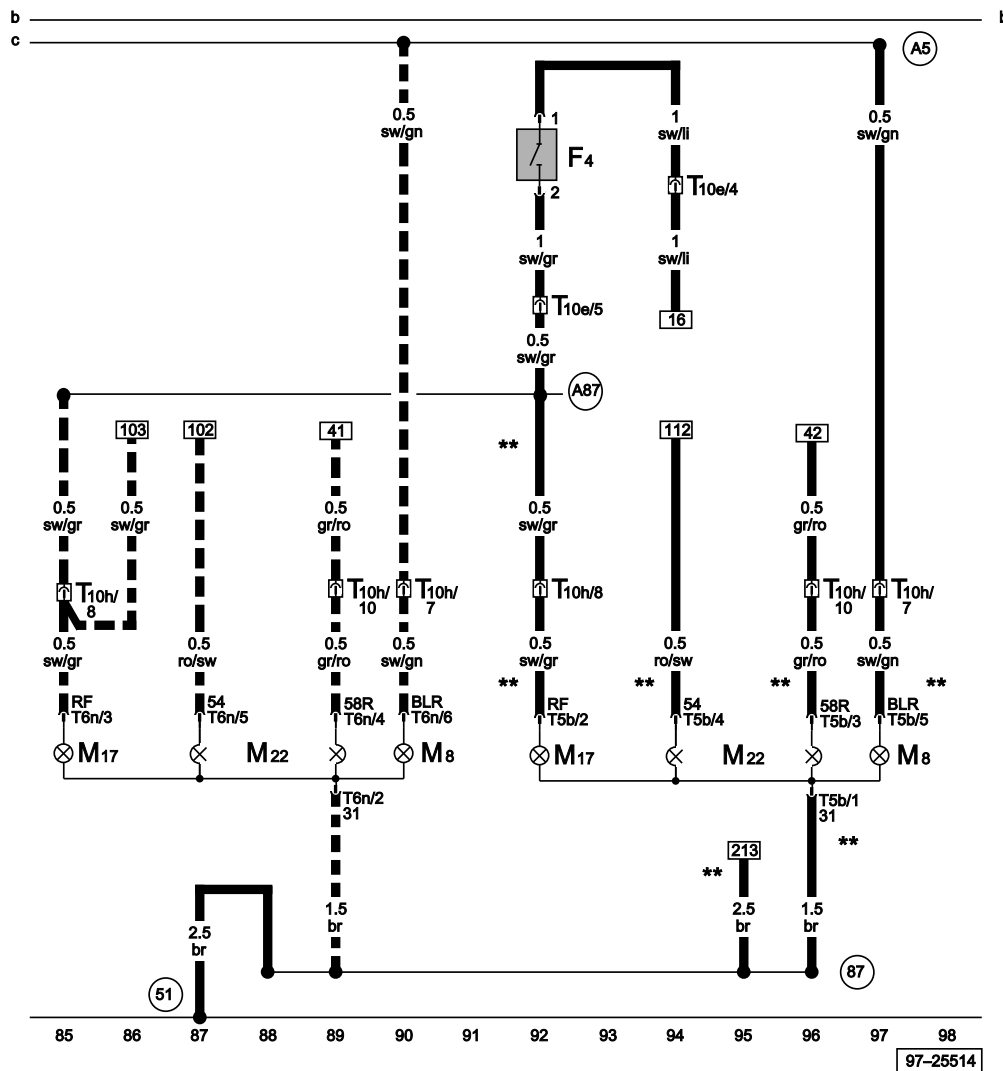
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 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink



Hazard warning light switch, turn signal relay, hazard warning light system warning lamp, twin filament bulb for headlight, right side light bulb, right turn signal bulb, front right

- E3 Hazard warning light switch
- J1 Turn signal relay
- K6 Hazard warning light system warning lamp
- L2 Twin filament bulb for headlight, right
- M3 Side light bulb, right
- M7 Turn signal bulb, front right
- M19 Side turn signal bulb, right
- SB12 Fuse -12- on fuse box
- SB14 Fuse -14- on fuse box
- SB45 Fuse -45- on fuse box
- T4 4-pin connector, in headlight, right
- T8 8-pin connector
- T10b 10-pin connector, white, in protective housing for connectors
- A5 Positive (+) connection (right turn signal), in dash panel wiring harness
- A6 Positive (+) connection (left turn signal), in dash panel wiring harness
- A52 Positive (+) connection -2- (30), in dash panel wiring harness
- B167 Connection (56b), in interior wiring harness
- C19 Connection -1- (turn signal, right), in headlight wiring harness

ws = white
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 bl = blue
 gr = grey
 li = purple
 ge = yellow
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Reversing light switch, turn signal bulb, rear right reversing light bulb, right brake and tail light bulb, right

- F4 Reversing light switch
- M8 Turn signal bulb, rear right
- M17 Reversing light bulb, right
- M22 Brake and tail light bulb, right
- T5b 5-pin connector
- T6n 6-pin connector
- T10e 10-pin connector, green, in protective housing for connectors
- T10h 10-pin connector, green, in protective housing for connectors
- 51 Earth point, in right luggage compartment
- 87 Earth connection -2-, in rear wiring harness
- A5 Positive (+) connection (right turn signal), in dash panel wiring harness
- A87 Connection (reversing light), in dash panel wiring harness

** Only models Polo Classic

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ws = white
sw = black
ro = red
br = brown
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gr = grey
li = purple
ge = yellow
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Brake light switch, turn signal bulb, rear left reversing light bulb, left brake and tail light bulb, left

- F Brake light switch
- M6 Turn signal bulb, rear left
- M16 Reversing light bulb, left
- M21 Brake and tail light bulb, left
- T2 2-pin connector
- T5a 5-pin connector
- T5k 5-pin connector, black, in C pillar, right
- T6p 6-pin connector
- T10a 10-pin connector, black, in protective housing for connectors
- T10h 10-pin connector, green, in protective housing for connectors

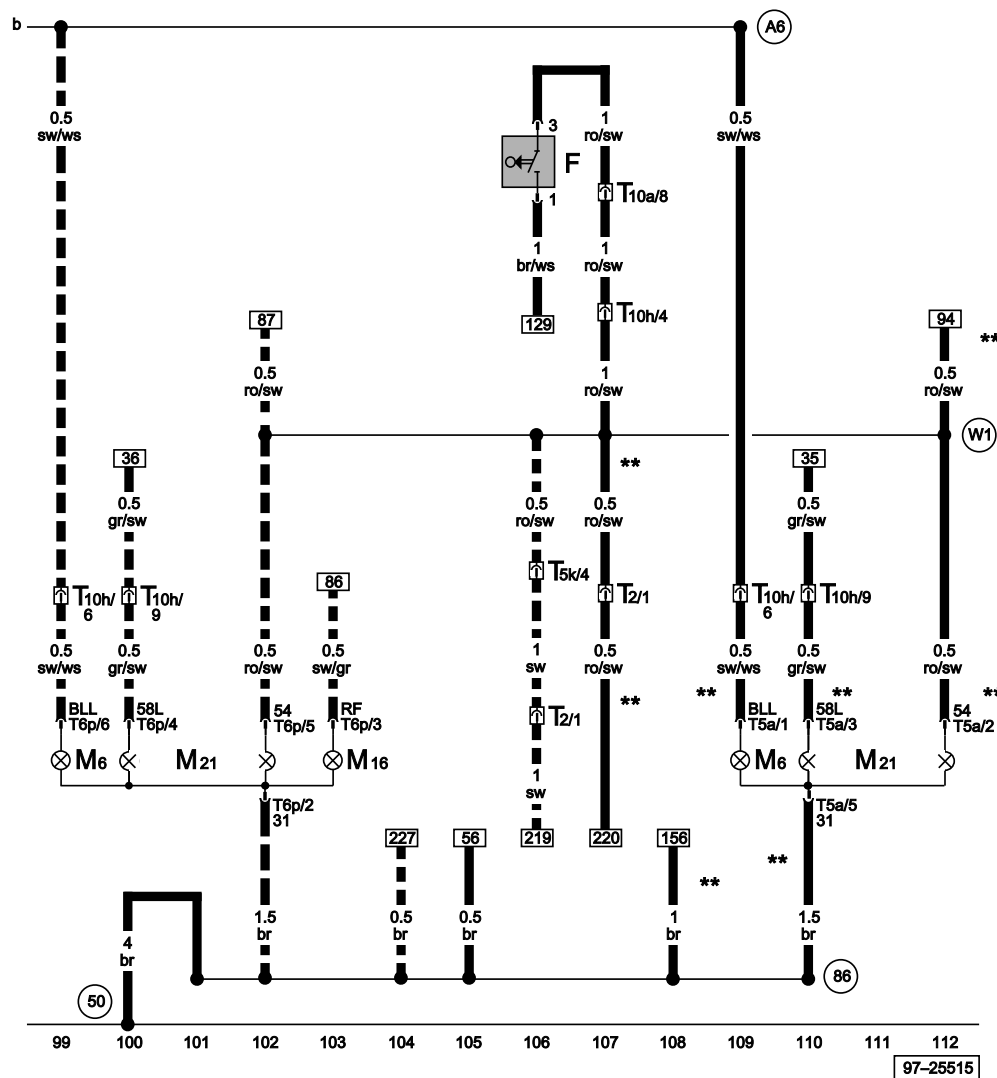
- 50 Earth point, in left luggage compartment
- 86 Earth connection -1-, in rear wiring harness
- A6 Positive (+) connection (left turn signal), in dash panel wiring harness
- W1 Positive (+) connection (54), in rear wiring harness

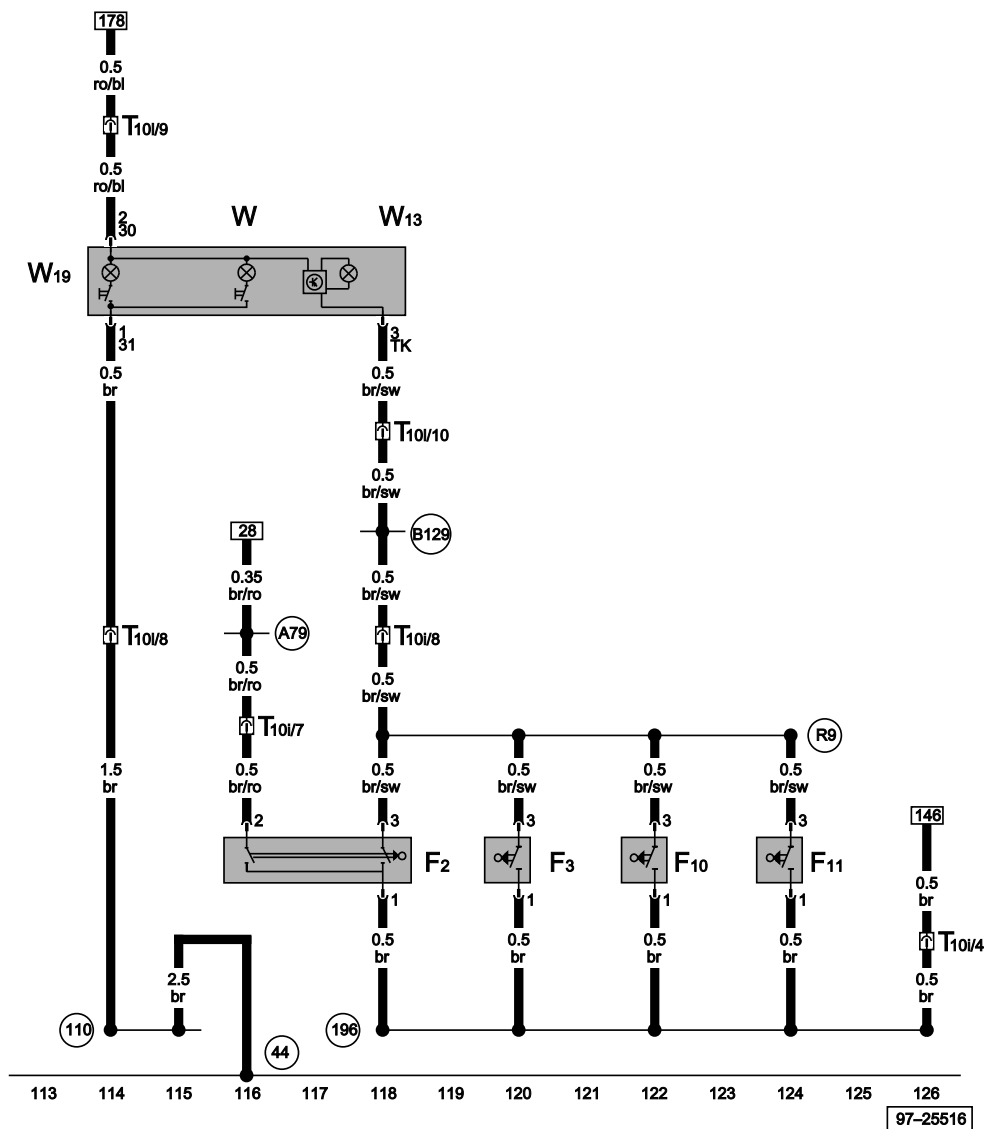
** Only models Polo Classic

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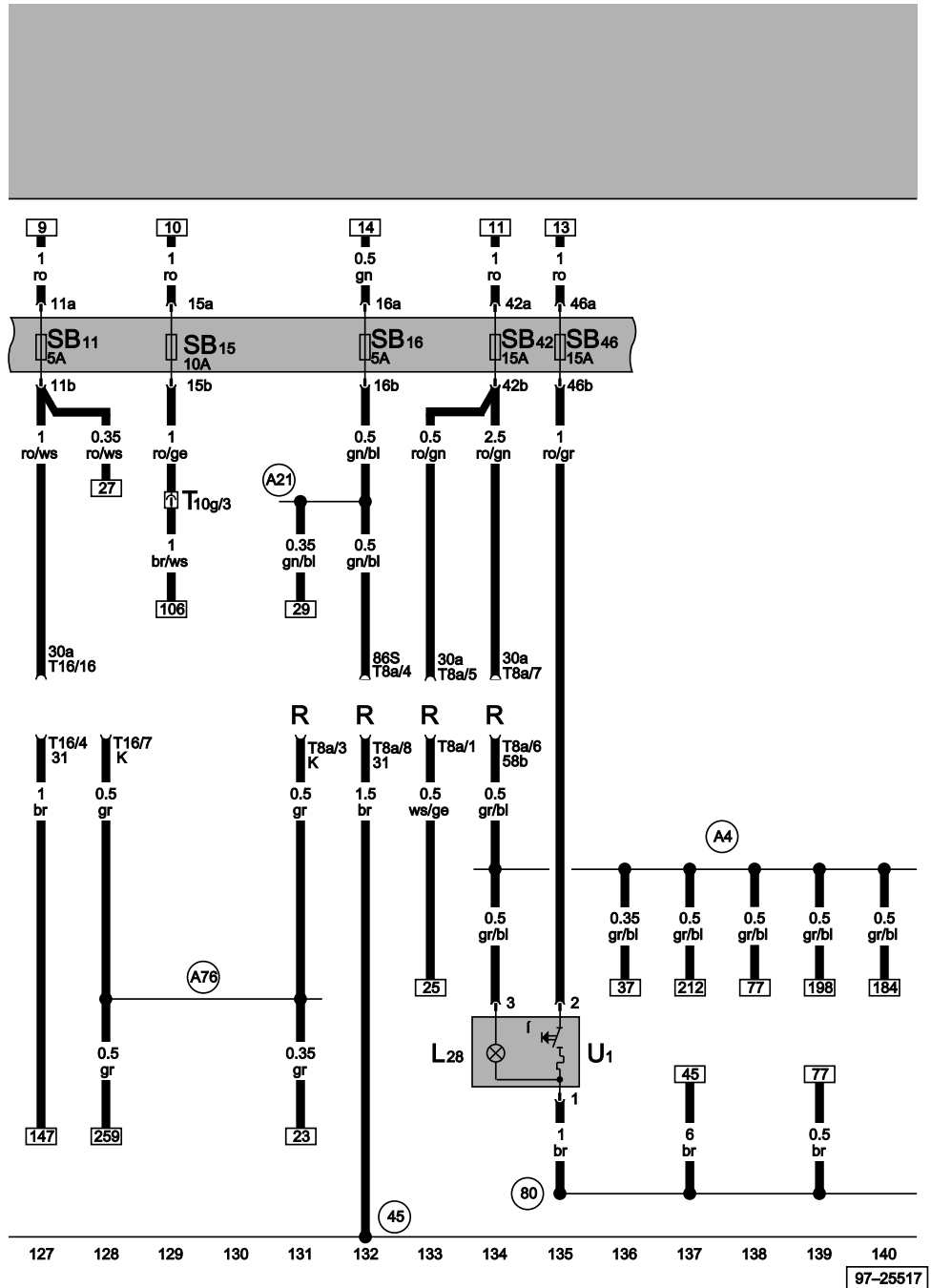


Door contact switch driver's side, door contact switch front passenger's side, door contact switch rear left, door contact switch rear right, front interior light

- F2 Door contact switch, driver's side
- F3 Door contact switch, front passenger's side
- F10 Rear left door contact switch
- F11 Rear right door contact switch
- T10i 10-pin connector, orange, in protective housing for connectors
- T10l 10-pin connector, black, left A pillar
- W Interior light, front
- W13 Front passenger reading lamp
- W19 Reading lamp, driver's side

- 44 Earth point, lower part of left A-pillar
- 110 Earth connection -2-, in instruments wiring harness
- 196 Earth connection -3-, in rear wiring harness
- A79 Connection (hot light switch), in dash panel wiring harness
- B129 Connection (interior light, 311), in interior wiring harness
- R9 Connection (door contact switch), in rear wiring harness

ws = white
 sw = black
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Cigarette lighter light bulb, radio, cigarette lighter self-diagnosis connection

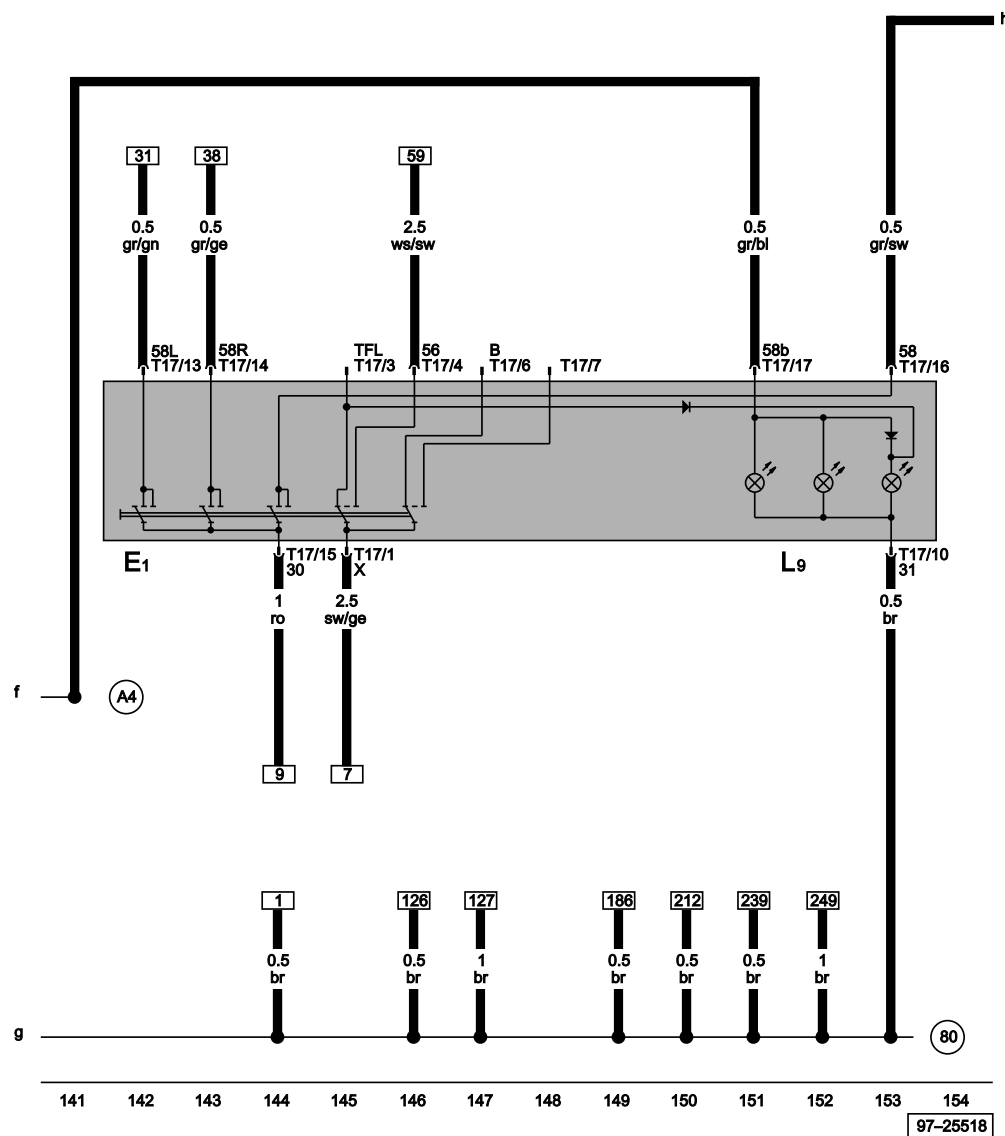
- L28 Cigarette lighter light bulb
- R Radio
- SB11 Fuse -11- on fuse box
- SB15 Fuse -15- on fuse box
- SB16 Fuse -16- on fuse box
- SB42 Fuse -42- on fuse box
- SB46 Fuse -46- on fuse box
- T8a 8-pin connector
- T10g 10-pin connector, red, in protective housing for connectors
- T16 16-pin connector, self-diagnosis connection in lower console under left
- U1 Cigarette lighter

- 45 Earth point, behind dash panel - centre
- 80 Earth connection -1-, in instruments wiring harness
- A4 Positive (+) connection (58b), in dash panel wiring harness
- A21 Connection (86s), in dash panel wiring harness
- A76 Connection (diagnosis wire K), in dash panel wiring harness

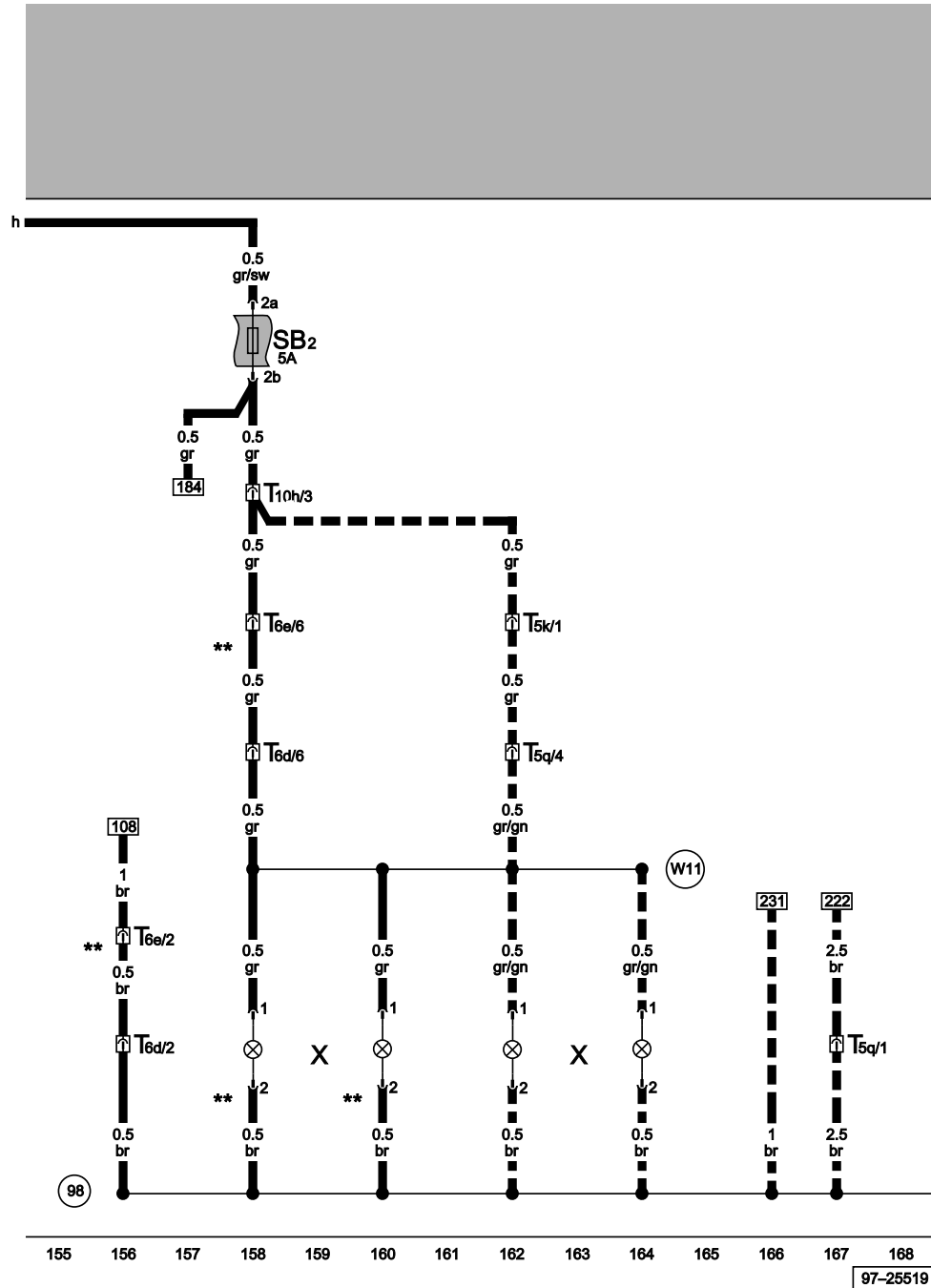
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 or = orange
 rs = pink

Lighting switch, rear fog lights, lighting switch light bulb

- E1 Lighting switch
- L9 Lighting switch light bulb
- T17 17-pin connector
- 80 Earth connection -1-, in instruments wiring harness
- A4 Positive (+) connection (58b), in dash panel wiring harness



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



Number plate light

- SB2 Fuse -2- on fuse box
- T5k 5-pin connector, black, in C pillar, right
- T5q 5-pin connector, black, in tailgate/bootlid, rear right
- T6d 6-pin connector, in tailgate/bootlid
- T6e 6-pin connector, on left C-pillar
- T10h 10-pin connector, green, in protective housing for connectors
- X Number plate light

98 Earth connection, in tailgate/bootlid wiring harness

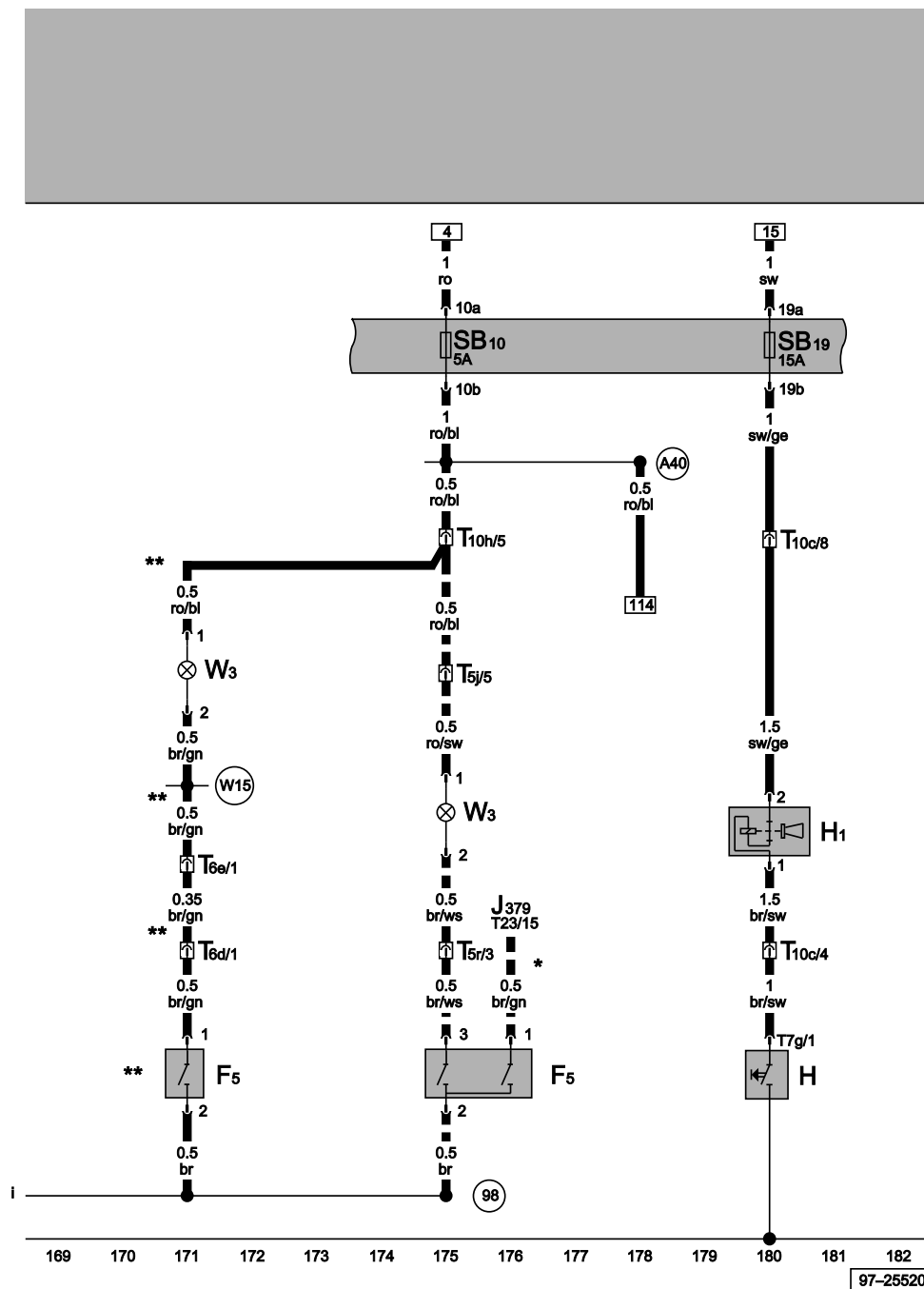
W11 Connection (58), in tailgate/bootlid wiring harness

** Only models Polo Classic

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Luggage compartment light switch, horn plate horn, luggage compartment light

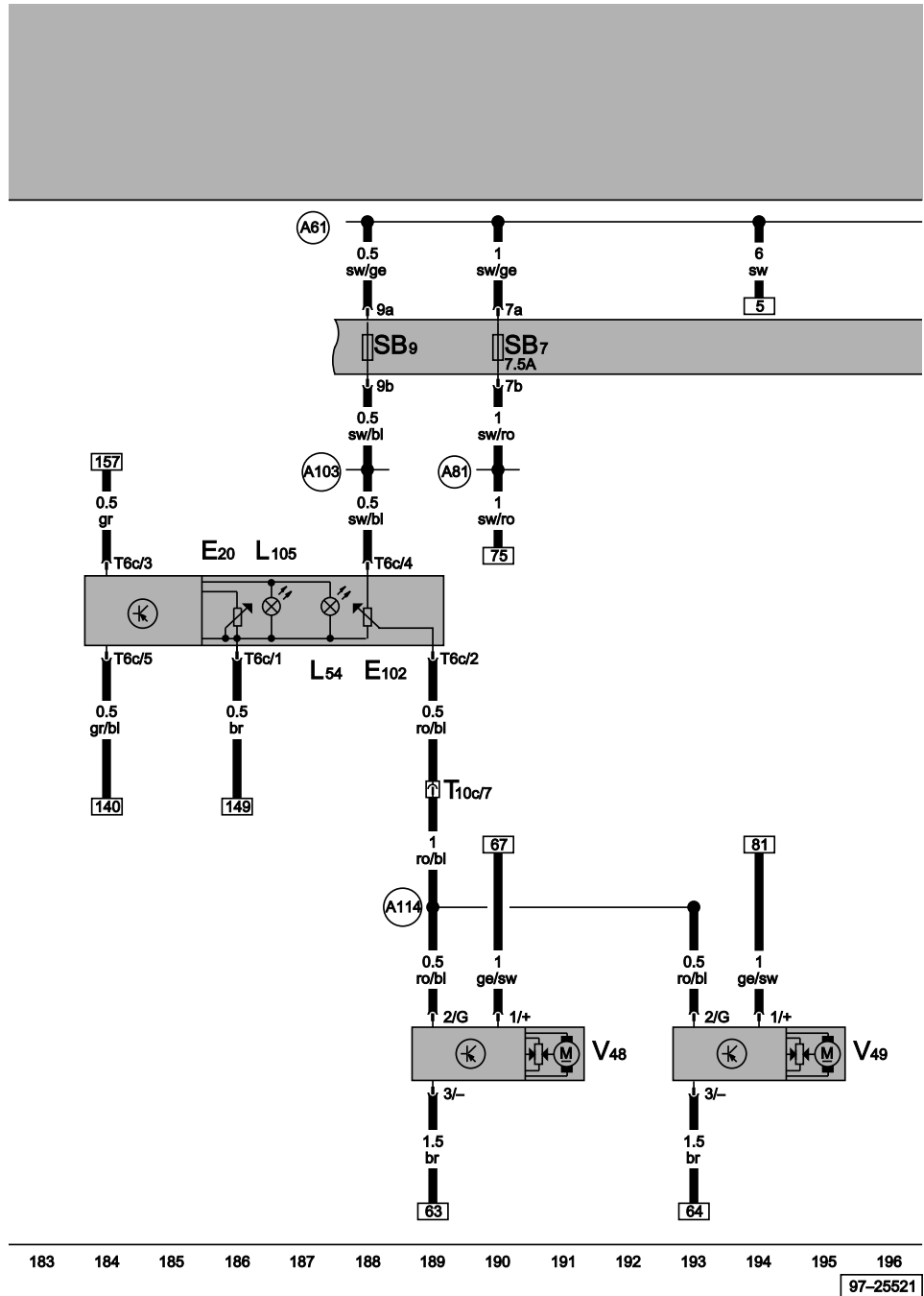
- F5 Luggage compartment light switch
- H Horn plate
- H1 Horn/dual tone horn
- J379 Central locking and anti-theft alarm system control unit
- SB10 Fuse -10- on fuse box
- SB19 Fuse -19- on fuse box
- T5j 5-pin connector, black, in C pillar, left
- T5r 5-pin connector, black, in tailgate/bootlid, rear left
- T6d 6-pin connector, in tailgate/bootlid
- T6e 6-pin connector, on left C-pillar
- T7g 7-pin connector
- T10c 10-pin connector, brown, in protective housing for connectors
- T10h 10-pin connector, green, in protective housing for connectors
- T23 23-pin connector
- W3 Luggage compartment light

- 98 Earth connection, in tailgate/bootlid wiring harness
- A40 Positive (+) connection-1- (30), in instruments wiring harness
- W15 Connection -1- (luggage compartment light), in rear wiring harness

- * Only models with alarm system
- ** Only models Polo Classic

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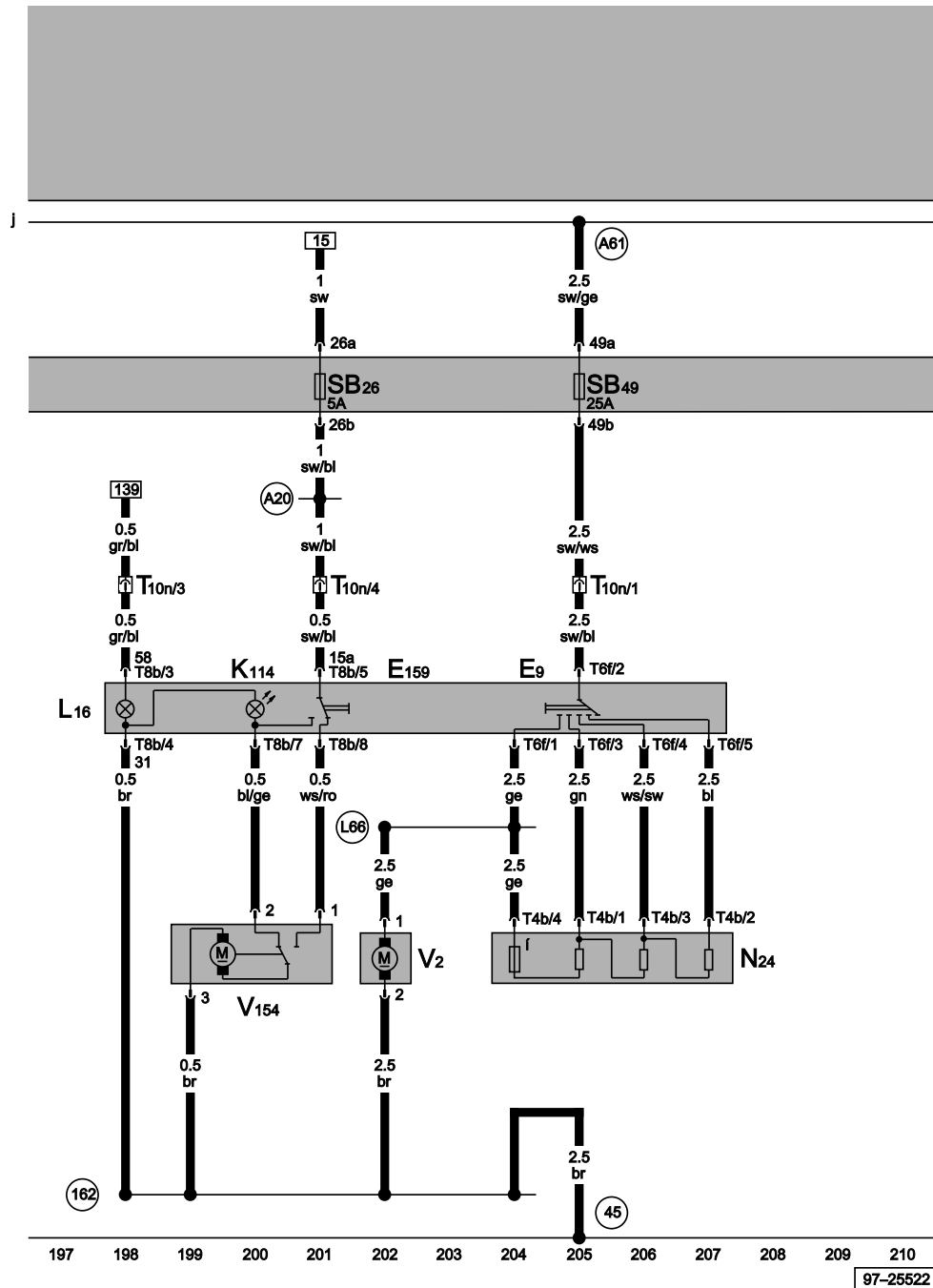
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Switches and instruments - lighting control, headlight range control adjuster

- E20 Switches and instruments, lighting control
- E102 Headlight range control adjuster
- L54 Headlight range control adjuster light bulb
- L105 Illumination control switch illumination
- SB7 Fuse -7- on fuse box
- SB9 Fuse -9- on fuse box
- T6c 6-pin connector
- T10c 10-pin connector, brown, in protective housing for connectors
- V48 Headlight range control motor, left
- V49 Headlight range control motor, right
- A61 Positive (+) connection (X), in instruments wiring harness
- A81 Connection -2- (X), in dash panel wiring harness
- A103 Connection -2- (56), in dash panel wiring harness
- A114 Connection (headlight range control), in dash panel wiring harness

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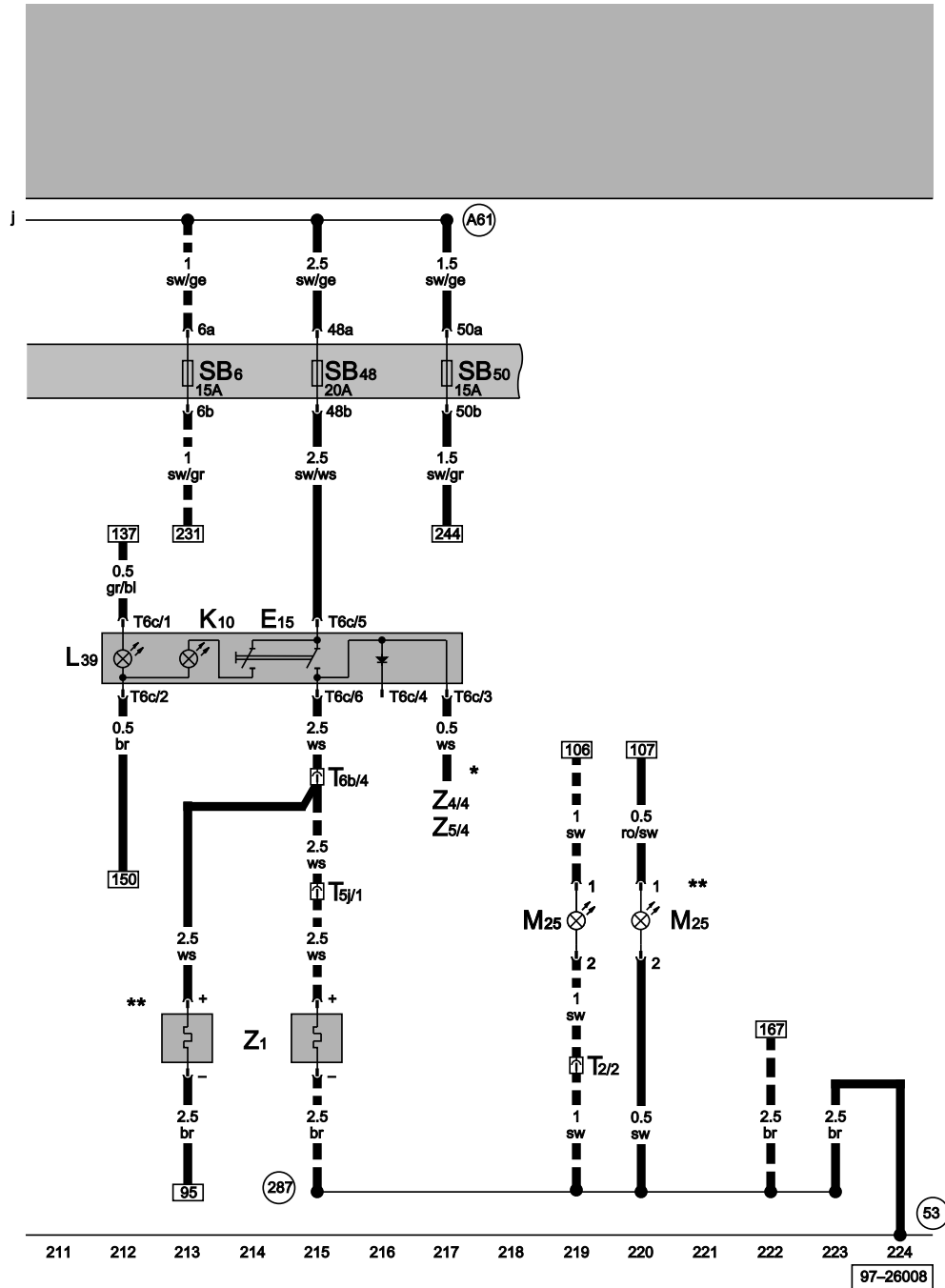


Fresh air blower switch, fresh air/air recirculating flap switch, fresh air/air recirculation warning lamp, fresh air control light bulb

- E9 Fresh air blower switch
- E159 Fresh air/air recirculating flap switch
- K114 Fresh air/air recirculation warning lamp
- L16 Fresh air control light bulb
- N24 Fresh air blower with overheating fuse series resistor
- SB26 Fuse -26- on fuse box
- SB49 Fuse -49- on fuse box
- T4b 4-pin connector
- T6f 6-pin connector
- T8b 8-pin connector
- T10n 10-pin connector, behind dash panel, centre
- V2 Fresh air blower
- V154 Fresh/recirculating air flap control motor

- 45 Earth point, behind dash panel - centre
- 162 Earth connection, in blower motor wiring harness
- A20 Connection (15a), in dash panel wiring harness
- A61 Positive (+) connection (X), in instruments wiring harness
- L66 Connection, in heater blower wiring harness

ws = white
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Heated rear window switch , heated rear window warning lamp, heated rear window switch bulb, high level brake light bulb, heated rear window

- E15 Heated rear window switch
- K10 Heated rear window warning lamp
- L39 Heated rear window switch bulb
- M25 High level brake light bulb
- SB6 Fuse -6- on fuse box
- SB48 Fuse -48- on fuse box
- SB50 Fuse -50- on fuse box
- T2 2-pin connector
- T5j 5-pin connector, black, in C pillar, left
- T6b 6-pin connector, grey, in protective housing for connectors
- T6c 6-pin connector
- Z1 Heated rear window
- Z4 Heated exterior mirror, driver's side
- Z5 Heated exterior mirror, front passenger's side

- 53 Earth point, in tailgate/bootlid, left
- 287 Earth connection, in rear lid pre - wiring wiring harness
- A61 Positive (+) connection (X), in instruments wiring harness

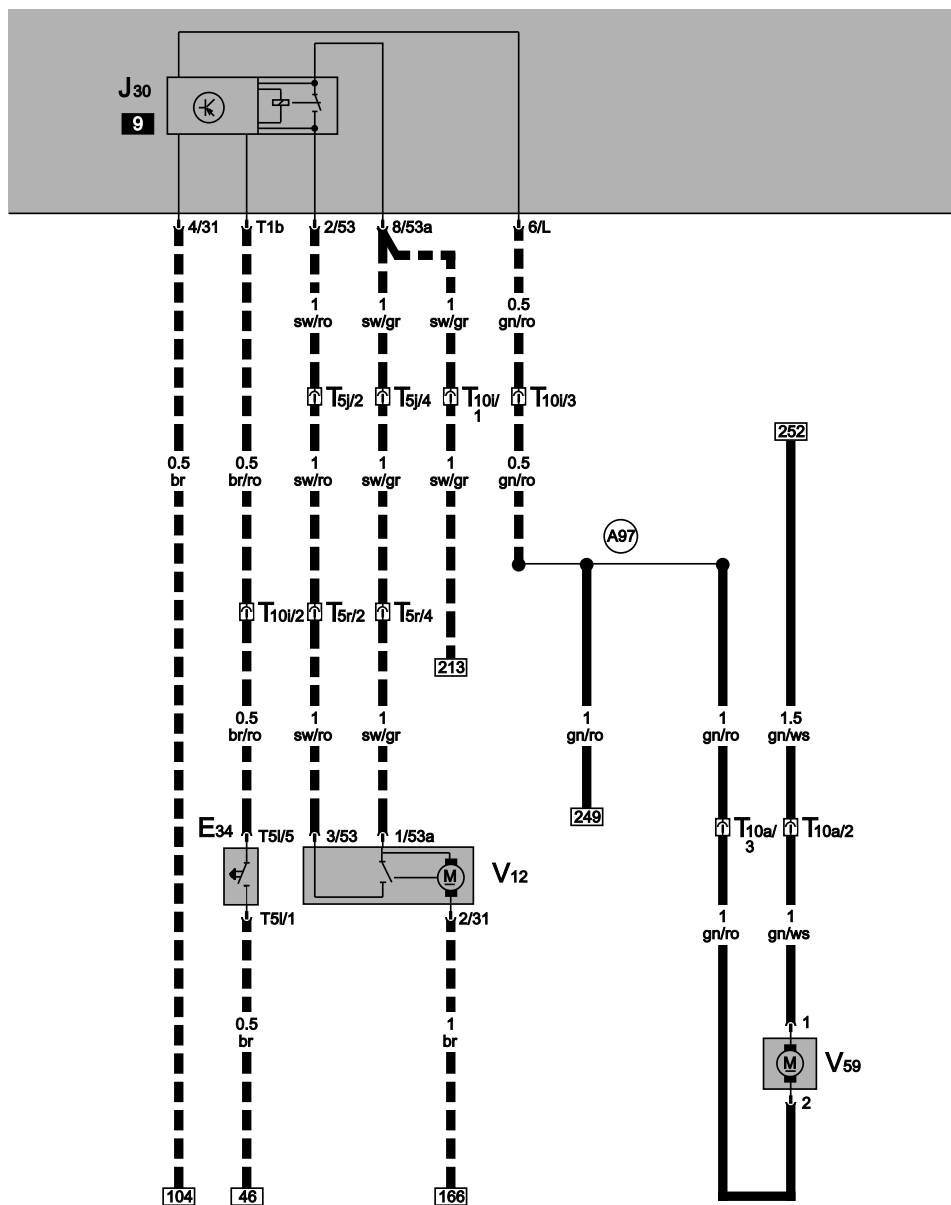
* Only models with adjustable exterior mirror

** Only models Polo Classic

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Rear wiper switch, rear window wiper/washer relay, rear window wiper motor, windscreen and rear window washer pump

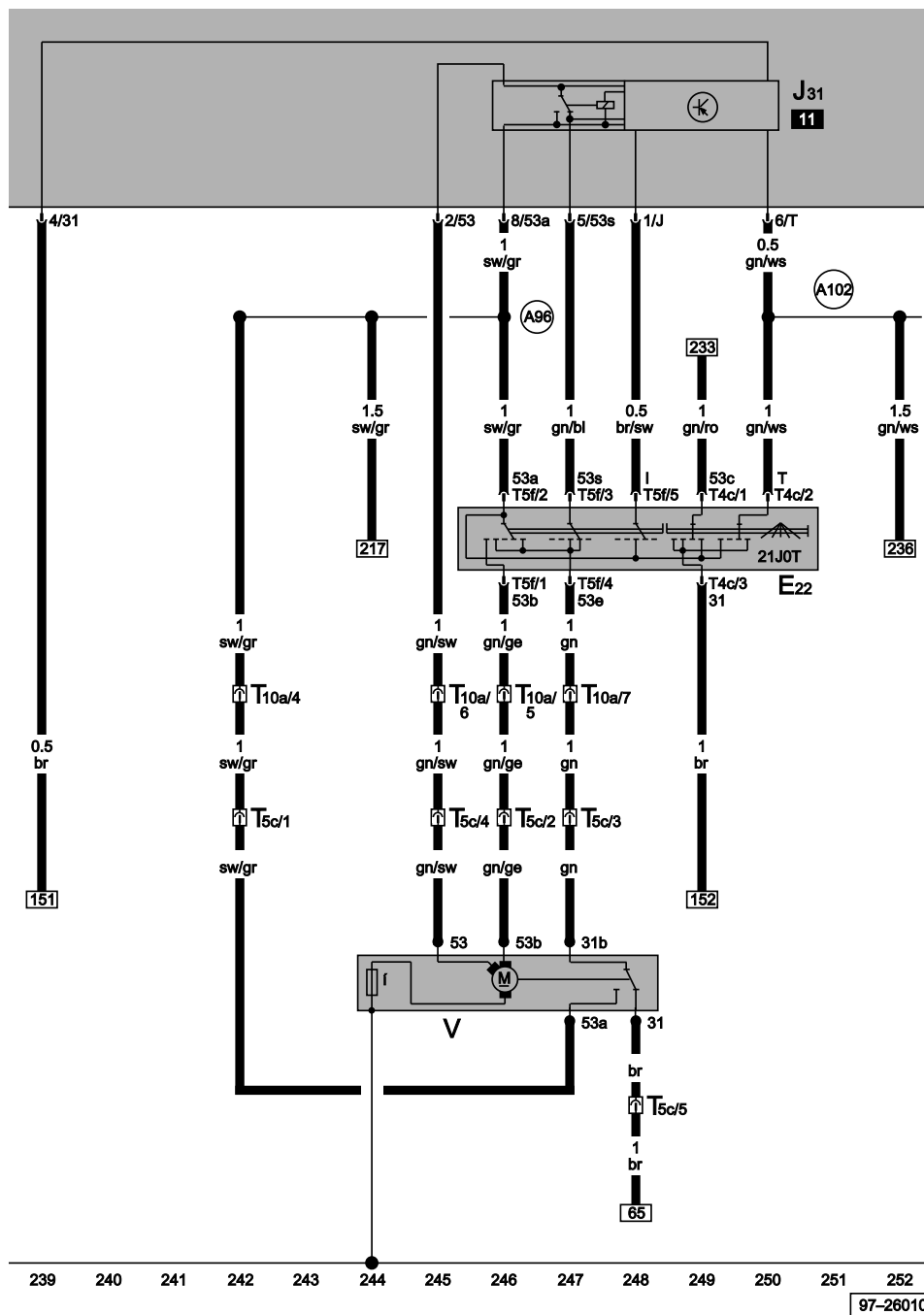
- E34 Rear wiper switch
- J30 Rear window wiper/washer relay
- T1b Single connector, black, rear window wiper/washer relay
- T5j 5-pin connector, black, in C pillar, left
- T5l 5-pin connector, black, under steering wheel
- T5r 5-pin connector, black, in tailgate/bootlid, rear left
- T10a 10-pin connector, black, in protective housing for connectors
- T10i 10-pin connector, orange, in protective housing for connectors
- V12 Rear window wiper motor
- V59 Windscreen and rear window washer pump

(A97) Connection (53), in dash panel wiring harness

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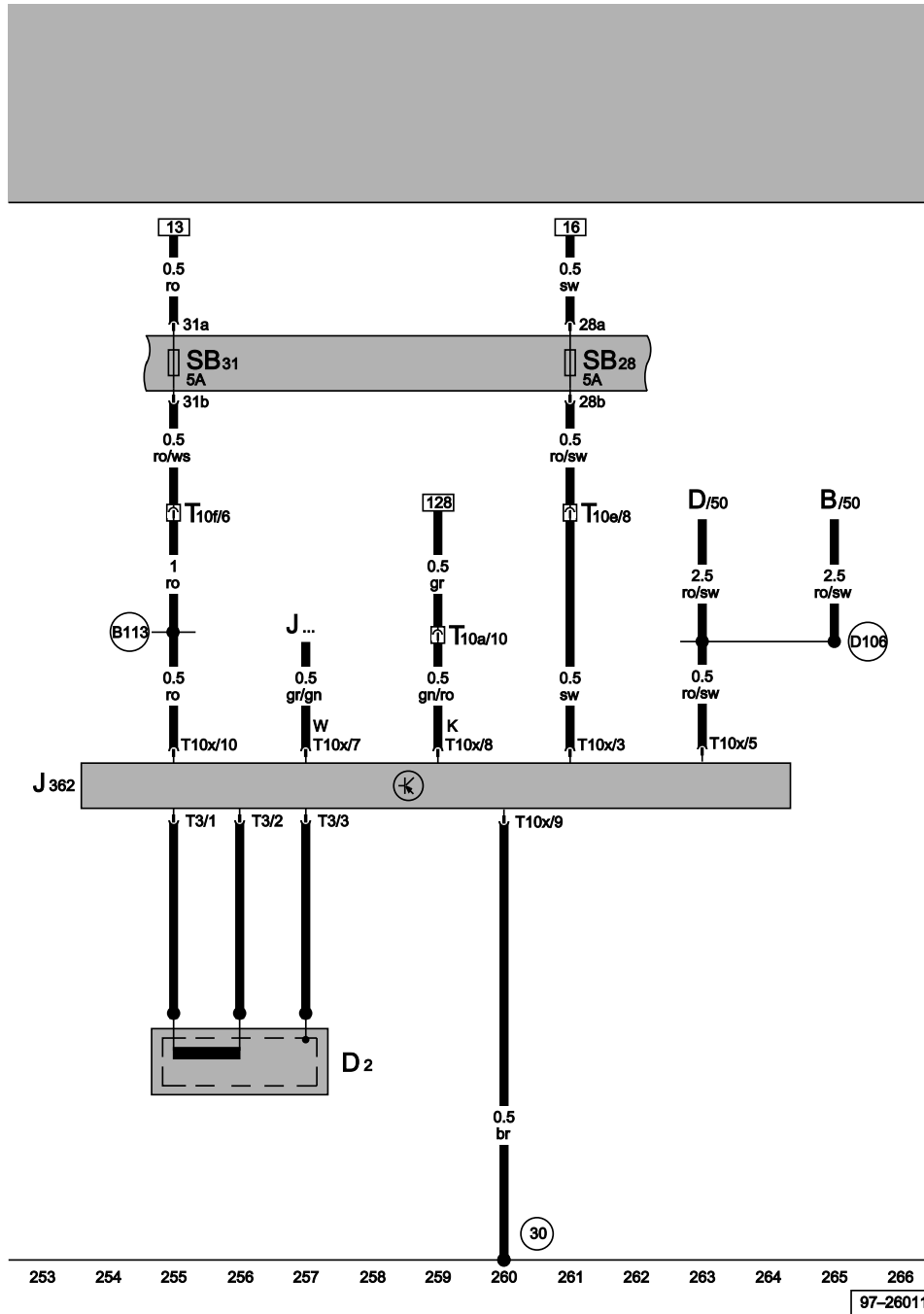
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Intermittent wiper switch, automatic intermittent wash/wipe relay, windscreen wiper motor

- E22 Intermittent wiper switch
- J31 Automatic intermittent wash/wipe relay
- T4c 4-pin connector
- T5c 5-pin connector, on windscreen wiper motor
- T5f 5-pin connector, in engine
- T10a 10-pin connector, black, in protective housing for connectors
- V Windscreen wiper motor
- A96 Connection (53a), in dash panel wiring harness
- A102 Connection (windscreen wiper), in dash panel wiring harness

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



Immobilizer control unit, immobilizer reading coil

- B Starter
- D Ignition/starter switch
- D2 Immobilizer reading coil
- J... Engine control units
- J362 Immobilizer control unit
- SB28 Fuse -28- on fuse box
- SB31 Fuse -31- on fuse box
- T3 3-pin connector, in immobilizer
- T10a 10-pin connector, black, in protective housing for connectors
- T10e 10-pin connector, green, in protective housing for connectors
- T10f 10-pin connector, purple, in protective housing for connectors
- T10x 10-pin connector

- 30 Earth point -1-, next to relay plate
- B113 Positive (+) connection (30a), in left interior wiring harness
- D106 Connection -4-, in engine compartment wiring harness

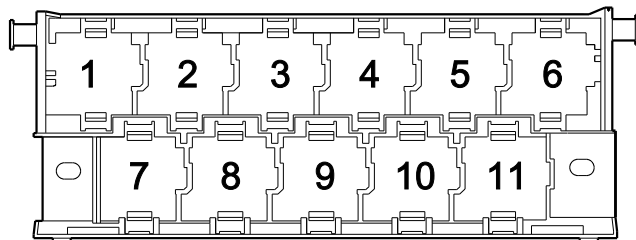
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1.4 l/74 kW Motronic, engine codes AQQ

From October 1999

For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.

Relay locations on relay plate:



97-22850

2 - Fuel pump relay (167)

4 - Fuel shut-off control unit (405)

6 - X contact relief relay (100)



Note:

♦ *The number in brackets behind the part designation denotes the control number on the housing.*

Fuse colours

30 A - green

25 A - white

20 A - yellow

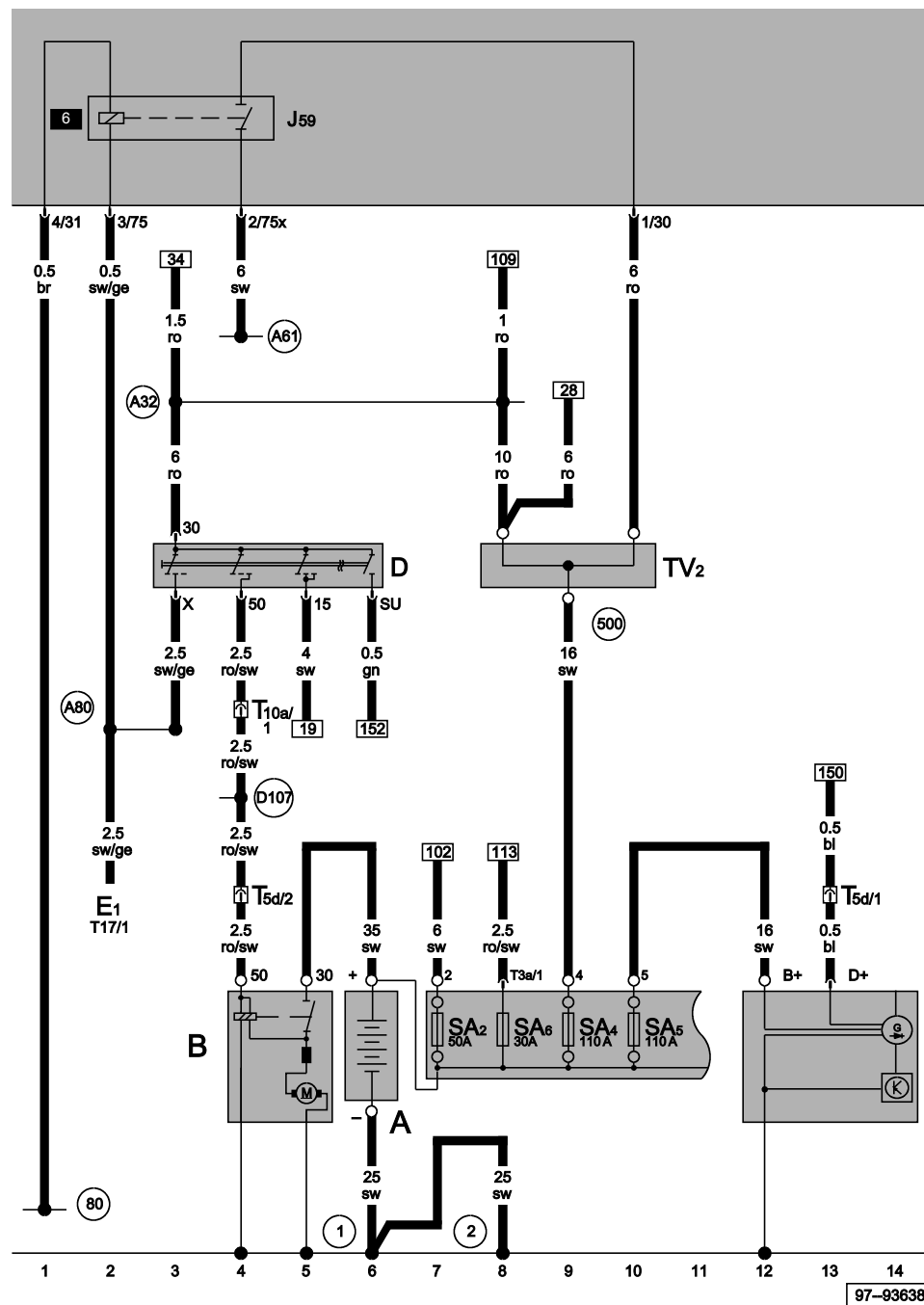
15 A - blue

10 A - red

7.5 A - brown

5 A - beige

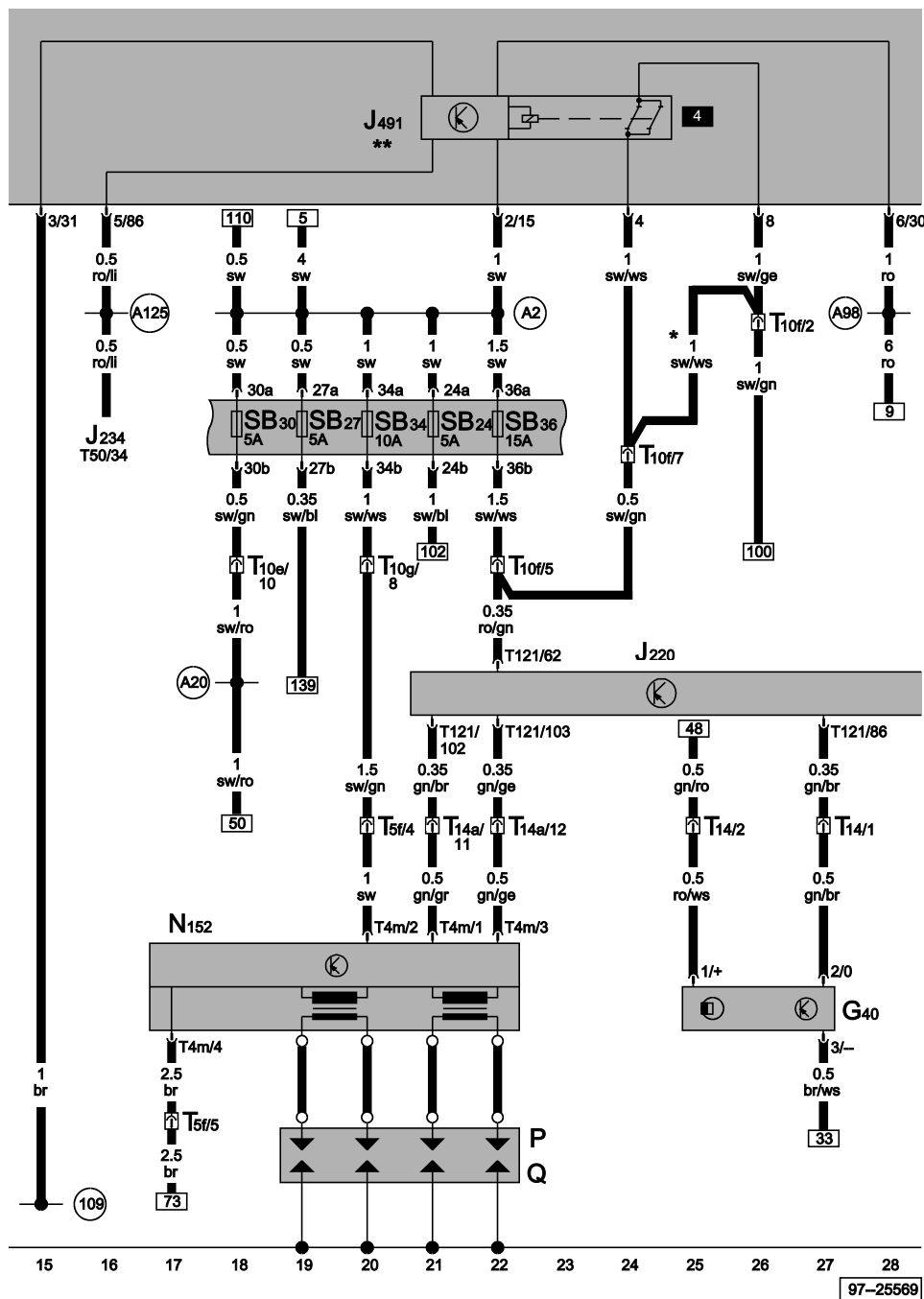
3 A - purple



Starter, battery, alternator, voltage regulator, ignition/starter switch, terminal 30 junction box, X contact relief relay

- A Battery
- B Starter
- C Alternator
- C1 Voltage regulator
- D Ignition/starter switch
- E1 Lighting switch
- J59 X contact relief relay
- SA2 Fuse -2- on battery fuse box
- SA4 Fuse -4- on battery fuse box
- SA5 Fuse -5- on battery fuse box
- SA6 Fuse -6- on battery fuse box
- TV2 Terminal 30 junction box
- T3a 3-pin connector, near battery
- T5d 5-pin connector, near gearbox
- T10a 10-pin connector, black
- T17 17-pin connector
- 1 Earth strap, battery - body
- 2 Earth strap, gearbox - body
- 80 Earth connection -1-, in instruments wiring harness
- 500 Screw connection -1- (30), on relay plate
- A32 Positive (+) connection (30), in dash panel wiring harness
- A61 Positive (+) connection (X), in instruments wiring harness
- A80 Connection -1- (X), in dash panel wiring harness
- D107 Connection -5-, in engine compartment wiring harness

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



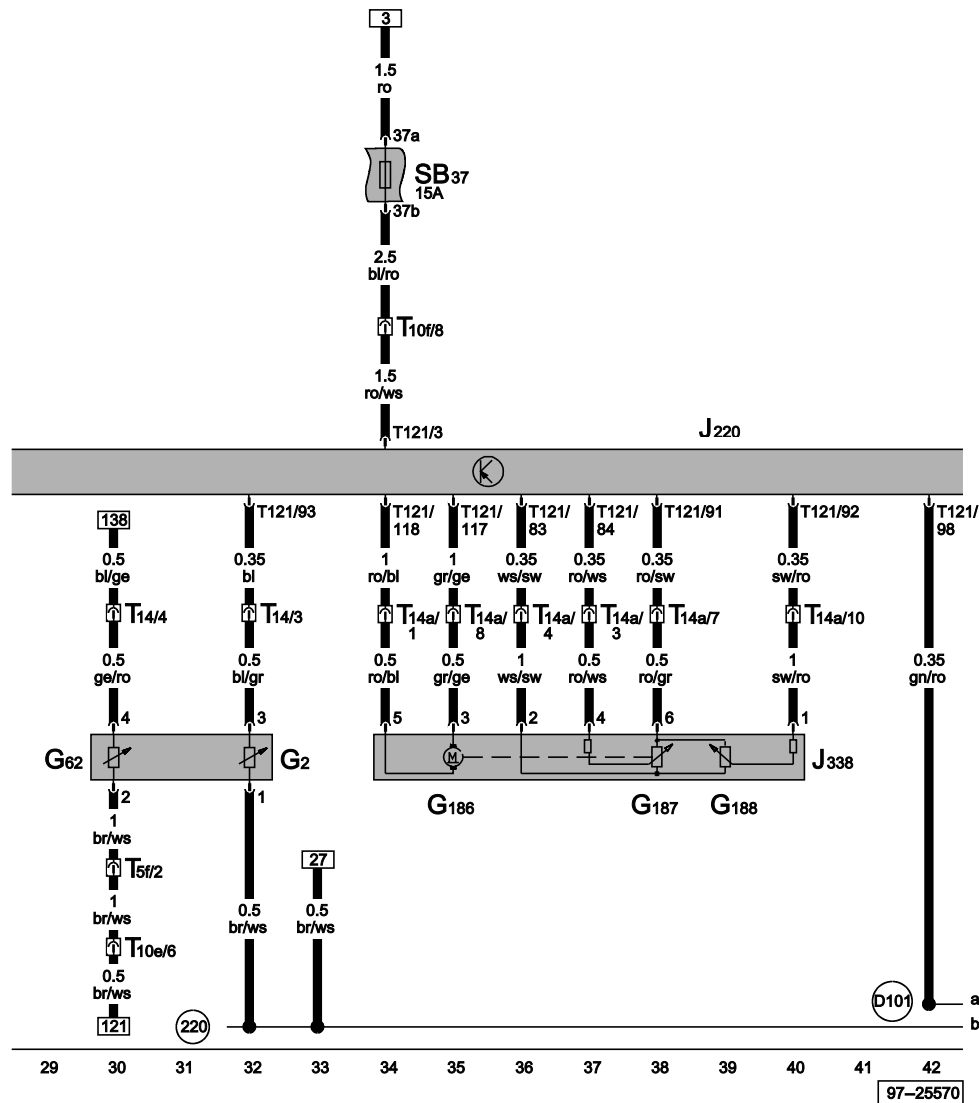
Motronic control unit, hall sender, ignition transformer, spark plug connector, spark plugs, fuel shut-off control unit (crash)

- G40 Hall sender
- J220 Motronic control unit
- J234 Airbag control unit
- J491 Fuel shut-off control unit (crash)
- N152 Ignition transformer
- P Spark plug connector
- Q Spark plugs
- SB24 Fuse -24- on fuse box
- SB27 Fuse -27- on fuse box
- SB30 Fuse -30- on fuse box
- SB34 Fuse -34- on fuse box
- SB36 Fuse -36- on fuse box
- T4m 4-pin connector, yellow, in ignition transformer
- T5f 5-pin connector, in engine
- T10e 10-pin connector, green, in protective housing for connectors
- T10f 10-pin connector, purple, in protective housing for connectors
- T10g 10-pin connector, red, in protective housing for connectors
- T14 14-pin connector, in engine
- T50 50-pin connector
- T121 121-pin connector
- 109 Earth connection, in airbag wiring harness
- A2 Positive (+) connection (15), in dash panel wiring harness
- A20 Connection (15a), in dash panel wiring harness
- A98 Positive (+) connection -4- (30), in dash panel wiring harness
- A125 Connection (crash signal), in dash panel wiring harness
- * Does not apply to airbag
- ** Only models with airbag

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

Motronic control unit, throttle valve control unit, coolant temperature sender, throttle valve drive (electric throttle operation)

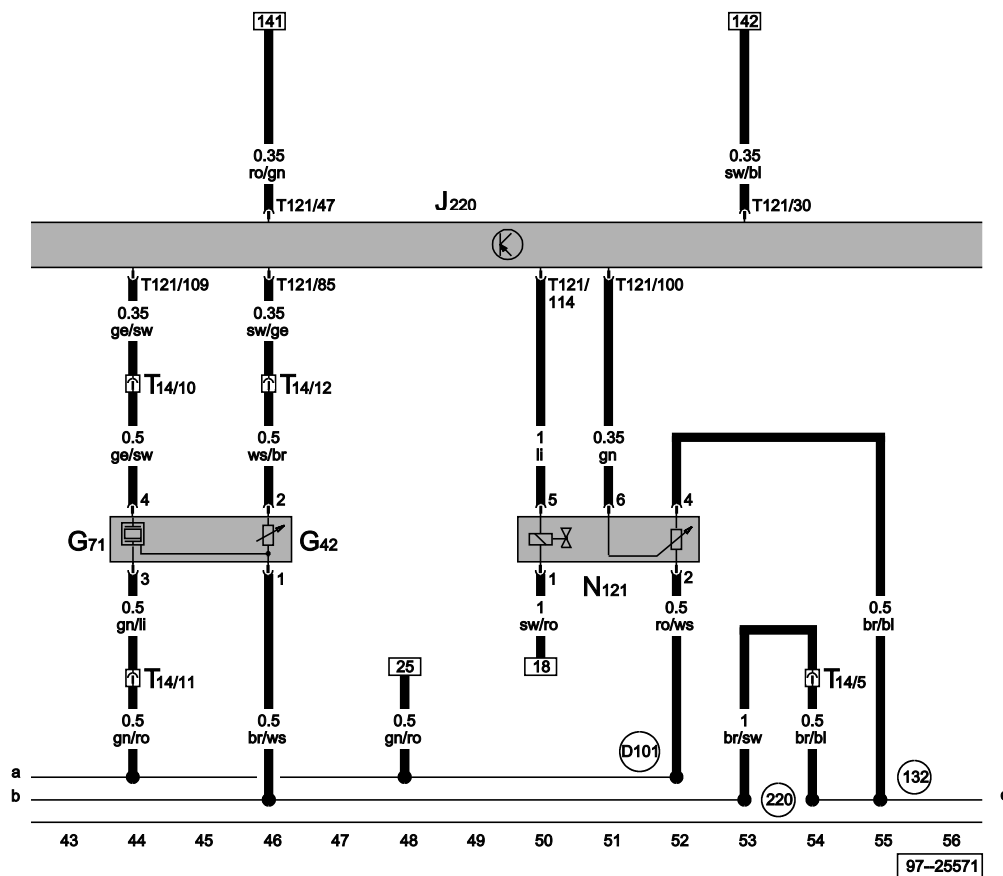
- G2 Coolant temperature sender
- G62 Coolant temperature sender
- G186 Throttle valve drive (electric throttle operation)
- G187 Throttle valve drive angle sender -1- (electric throttle operation)
- G188 Throttle valve drive angle sender -2- (electric throttle operation)
- J220 Motronic control unit
- J338 Throttle valve control unit
- SB37 Fuse -37- on fuse box
- T5f 5-pin connector, in engine
- T10e 10-pin connector, green, in protective housing for connectors
- T10f 10-pin connector, purple, in protective housing for connectors
- T14 14-pin connector, in engine
- T14a 14-pin connector, in engine
- T121 121-pin connector
- 220 Earth connection (sender earth), in engine wiring harness
- D101 Connection -1-, in engine compartment wiring harness



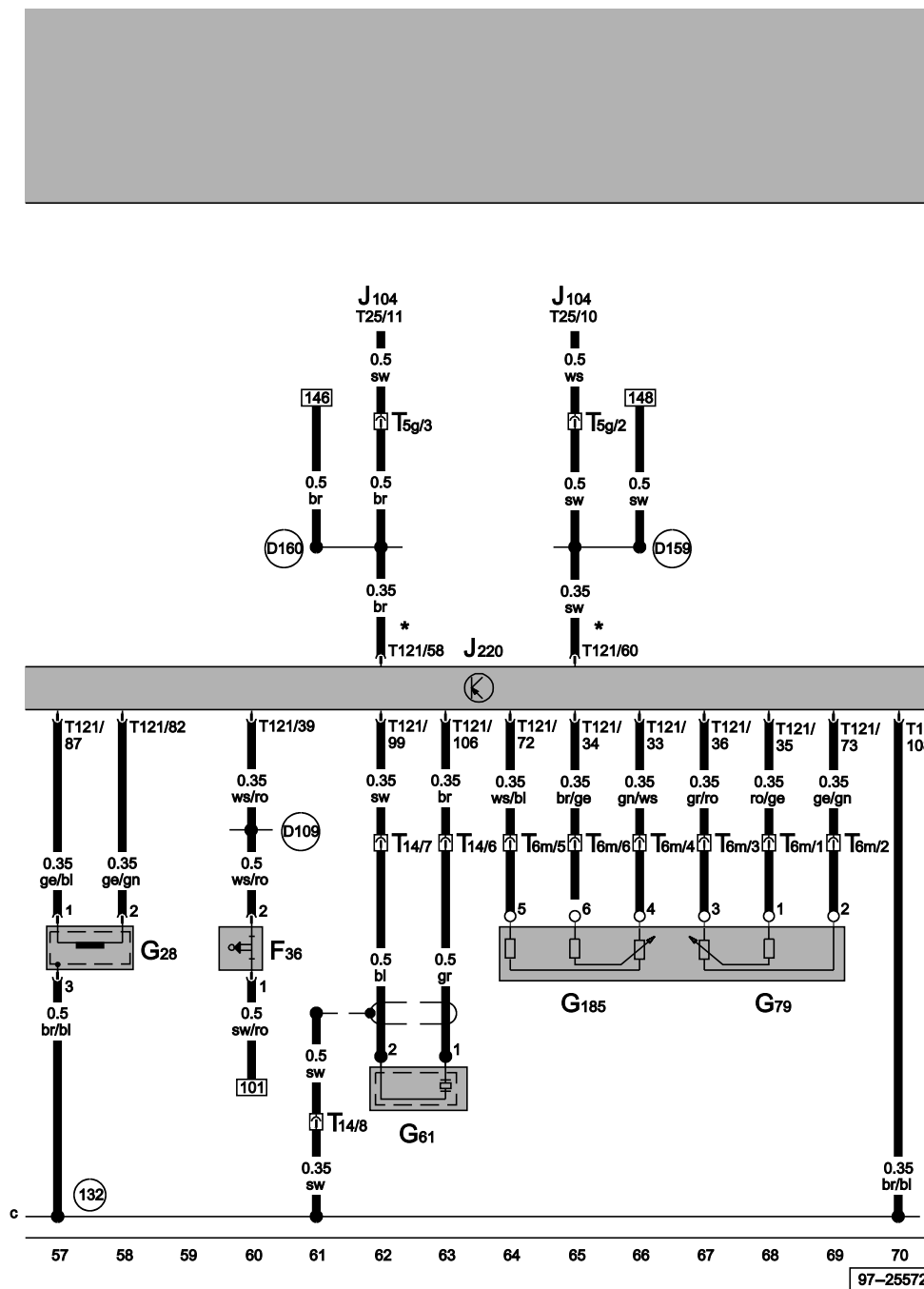
ws = white
 sw = black
 ro = red
 br = brown
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 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink

Motronic control unit, intake air temperature sender, intake manifold pressure sender, exhaust gas recirculation frequency valve

- G42 Intake air temperature sender
- G71 Intake manifold pressure sender
- J220 Motronic control unit
- N121 Exhaust gas recirculation frequency valve
- T14 14-pin connector, in engine
- T121 121-pin connector
- 132 Earth connection -3-, in engine compartment wiring harness
- 220 Earth connection (sender earth), in engine wiring harness
- D101 Connection -1-, in engine compartment wiring harness



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



Motronic control unit, engine speed sender, knock sensor I, accelerator pedal position sender, clutch pedal switch

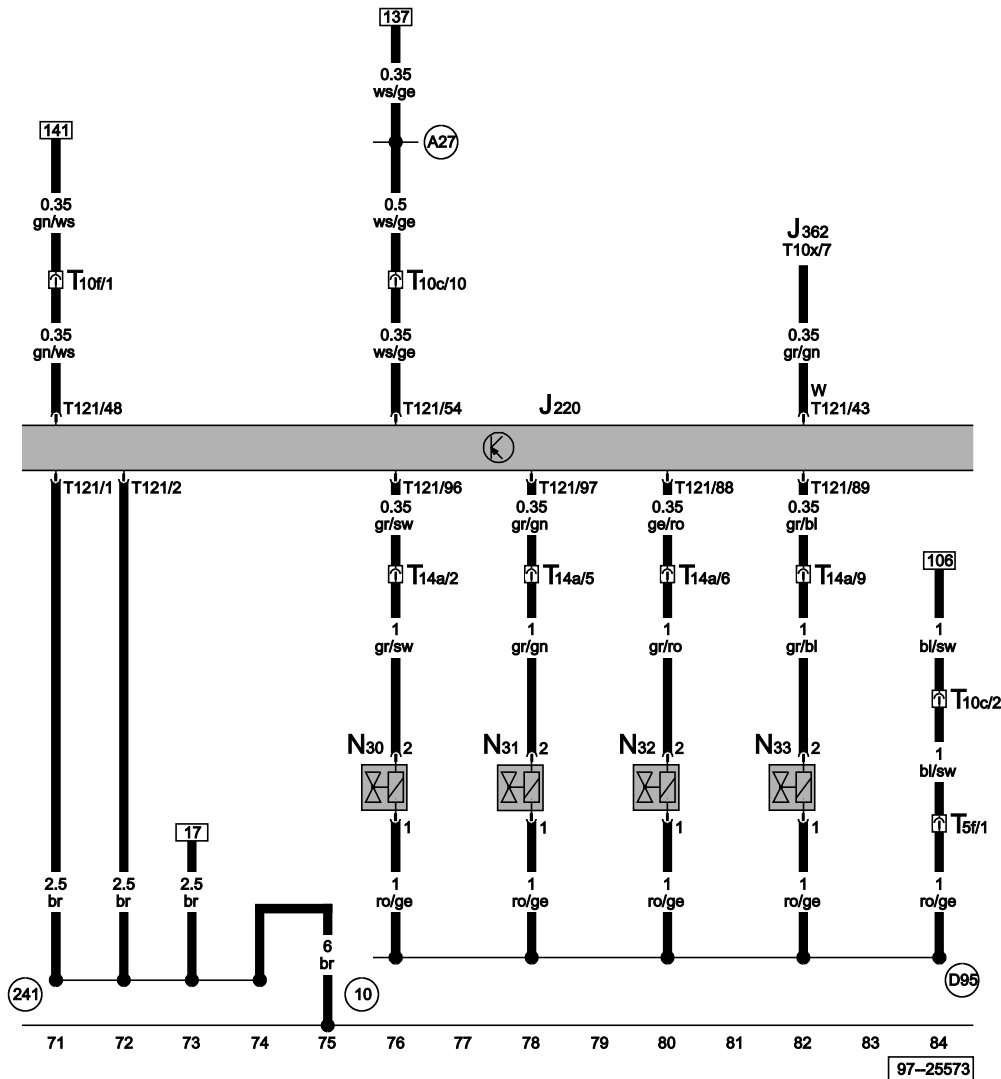
- F36 Clutch pedal switch
- G28 Engine speed sender
- G61 Knock sensor I
- G79 Accelerator pedal position sender
- G185 Accelerator pedal position sender -2-
- J104 ABS with EDL control unit
- J220 Motronic control unit
- T5g 5-pin connector, pink, in protective housing for connectors
- T6m 6-pin connector
- T14 14-pin connector, in engine
- T25 25-pin connector
- T121 121-pin connector

- 132 Earth connection -3-, in engine compartment wiring harness
- D109 Connection -7-, in engine compartment wiring harness
- D159 Positive (+) connection (high bus), in engine compartment wiring harness
- D160 Positive (+) connection (low bus), in engine compartment wiring harness
- * Data wire

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sw = black
ro = red
br = brown
gn = green
bl = blue
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li = purple
ge = yellow
or = orange
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Motronic control unit, injectors

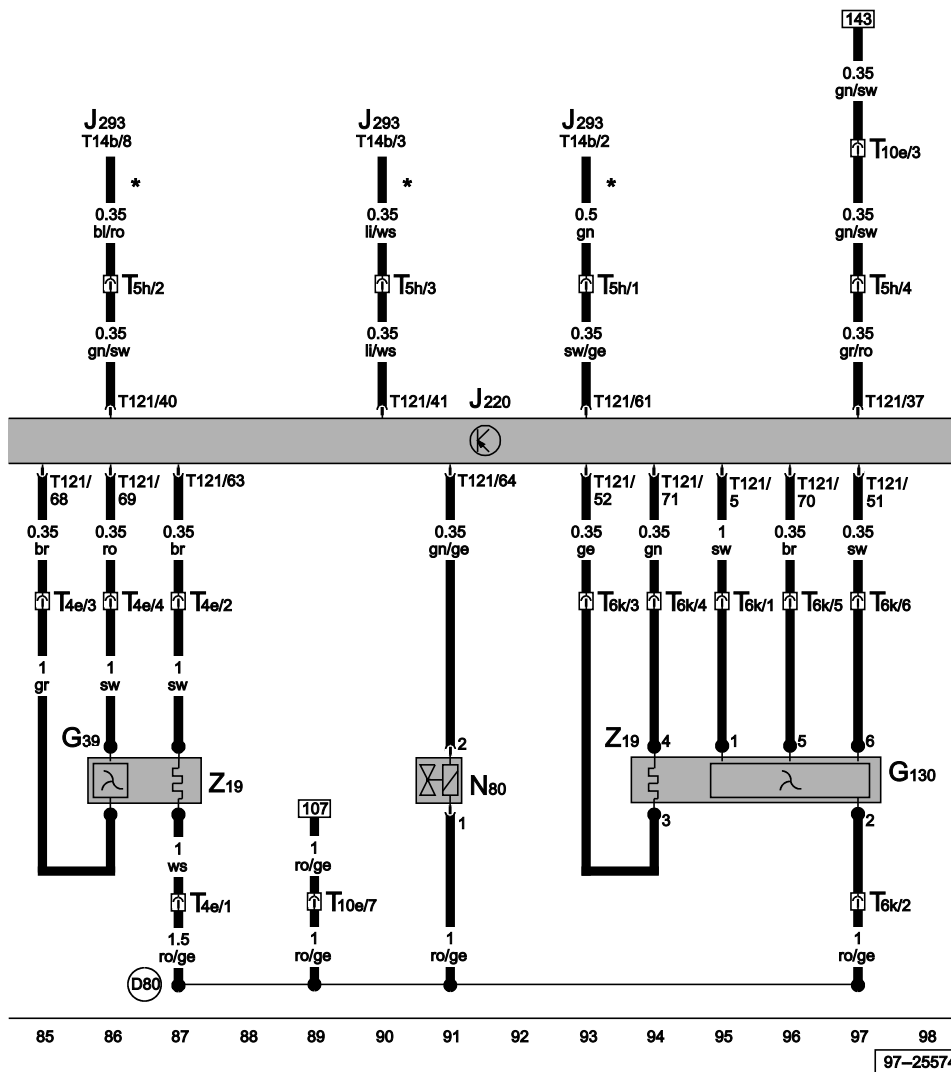
- J220 Motronic control unit
- J362 Immobilizer control unit
- N30 Injector, cylinder 1
- N31 Injector, cylinder 2
- N32 Injector, cylinder 3
- N33 Injector, cylinder 4
- T5f 5-pin connector, in engine
- T10c 10-pin connector, brown, in protective housing for connectors
- T10f 10-pin connector, purple, in protective housing for connectors
- T10x 10-pin connector
- T14a 14-pin connector, in engine
- T121 121-pin connector
- 10 Earth point, in plenum chamber
- 241 Earth connection -2-, engine earth, in engine wiring harness
- A27 Connection (speed signal), in dash panel wiring harness
- D95 Connection (injectors), in engine compartment wiring harness



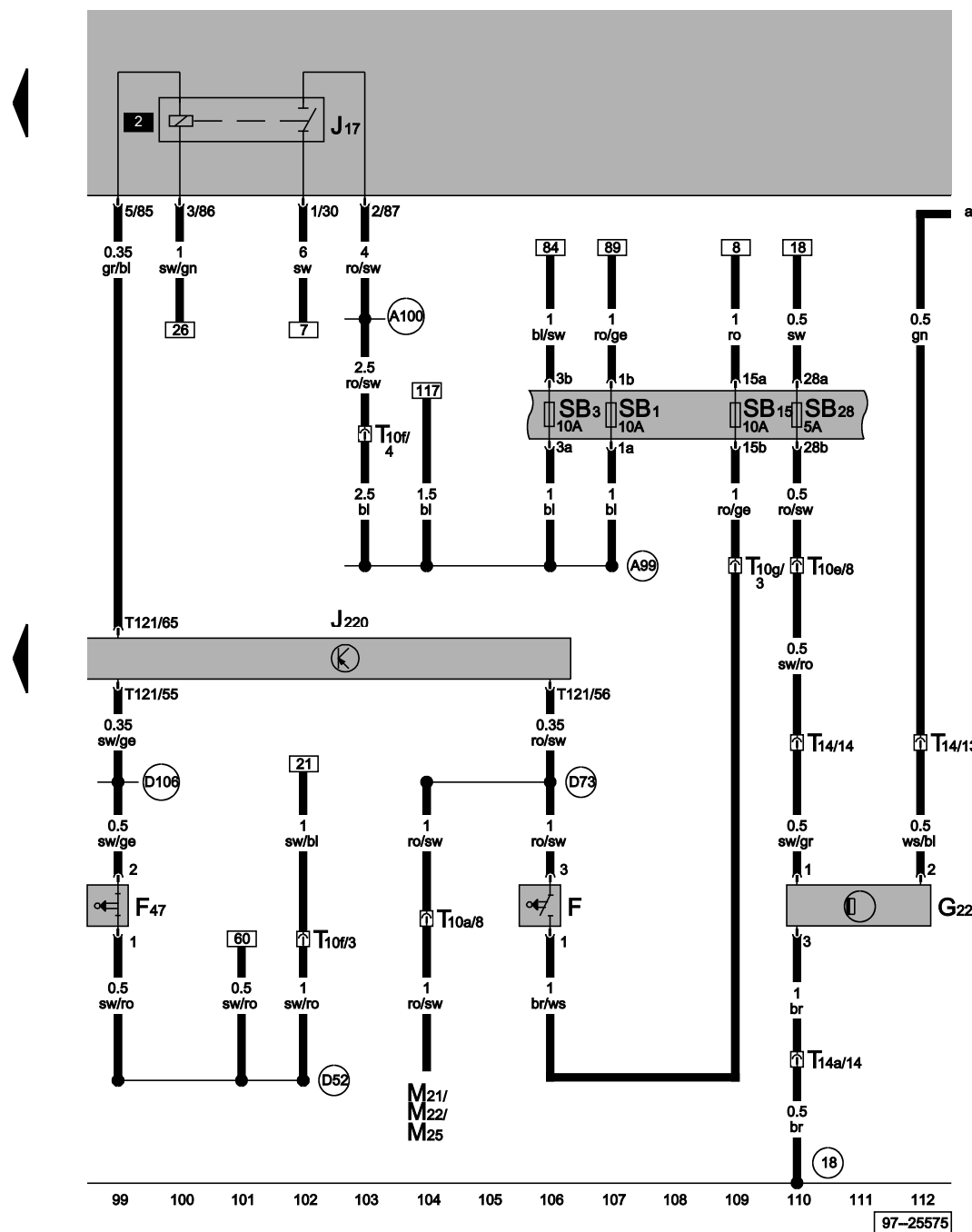


Motronic control unit, lambda probe, lambda probe downstream of catalytic converter, lambda probe heater, activated charcoal filter system solenoid valve 1 (pulsed)

- G39 Lambda probe
- G130 Lambda probe downstream of catalytic converter
- J220 Motronic control unit
- J293 Radiator fan control unit
- N80 Activated charcoal filter system solenoid valve 1 (pulsed)
- T4e 4-pin connector, in engine
- T5h 5-pin connector, brown, in protective housing for connectors
- T6k 6-pin connector, in exhaust pipe
- T10e 10-pin connector, green, in protective housing for connectors
- T14b 14-pin connector, in engine compartment, left
- T121 121-pin connector
- Z19 Lambda probe heater
- D80 Positive (+) connection (87a - for active charcoal filter system solenoid), in engine compartment wiring harness
- * Only models with air conditioner



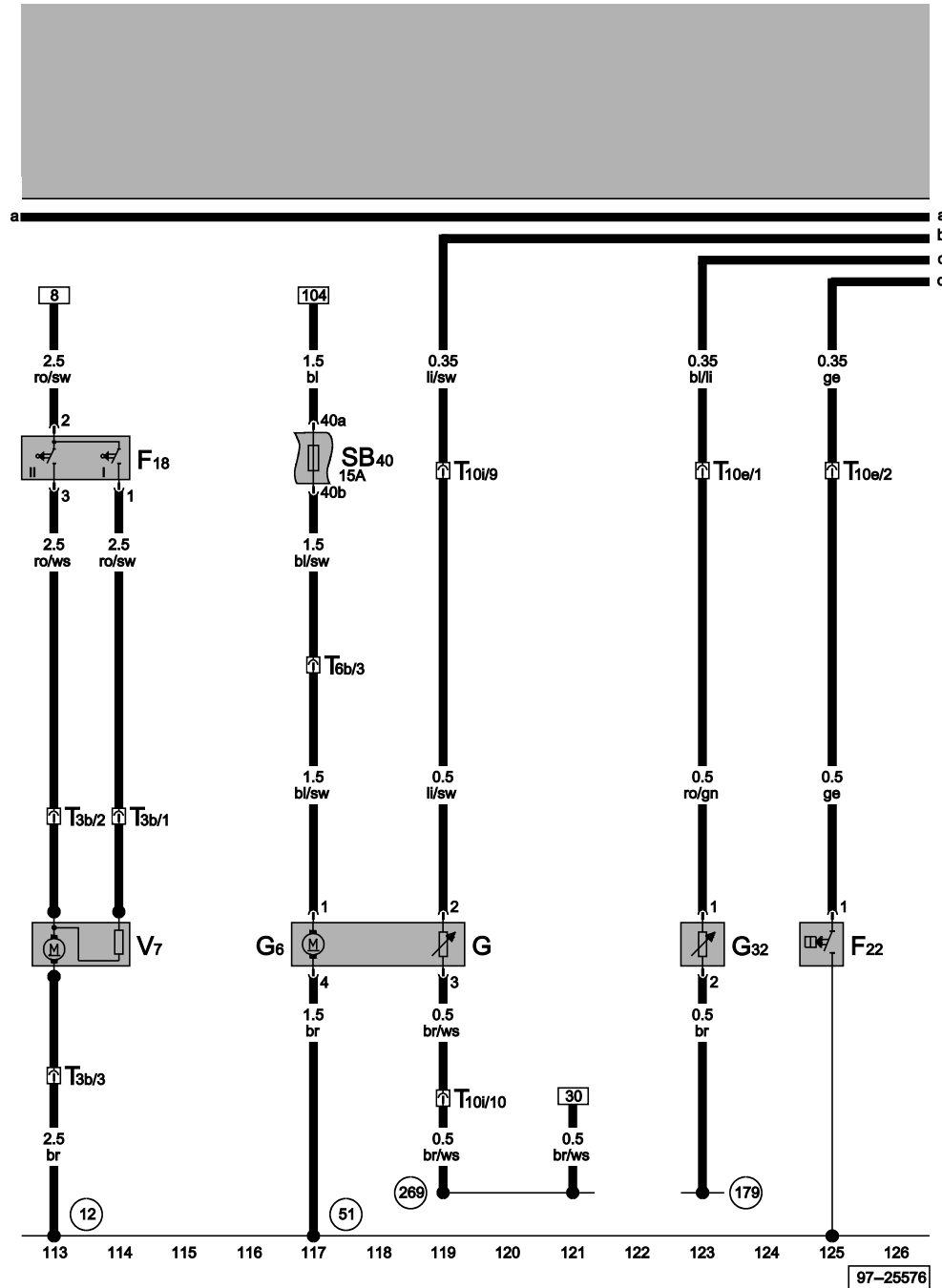
- ws = white
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- or = orange
- rs = pink



Motronic control unit, speedometer sender (hall sender, on gearbox), brake light switch, cruise control system brake pedal switch (diesel direct injection system), fuel pump relay

- F Brake light switch
- F47 Cruise control system brake pedal switch (diesel direct injection system)
- G22 Speedometer sender (Hall sender, on gearbox)
- J17 Fuel pump relay
- J220 Motronic control unit
- M21 Brake and tail light bulb, left
- M22 Brake and tail light bulb, right
- M25 High level brake light bulb
- SB1 Fuse -1- on fuse box
- SB3 Fuse -3- on fuse box
- SB15 Fuse -15- on fuse box
- SB28 Fuse -28- on fuse box
- T10a 10-pin connector, black, in protective housing for connectors
- T10e 10-pin connector, green, in protective housing for connectors
- T10f 10-pin connector, purple, in protective housing for connectors
- T10g 10-pin connector, red, in protective housing for connectors
- T14 14-pin connector, in engine
- T14a 14-pin connector, in engine
- 18 Earth point, on engine block
- A99 Connection -1- (87), in dash panel wiring harness
- A100 Connection -2- (87), in dash panel wiring harness
- D52 Positive (+) connection (15a), in engine compartment wiring harness
- D73 Positive (+) connection (54), in engine compartment wiring harness
- D106 Connection -4-, in engine compartment wiring harness

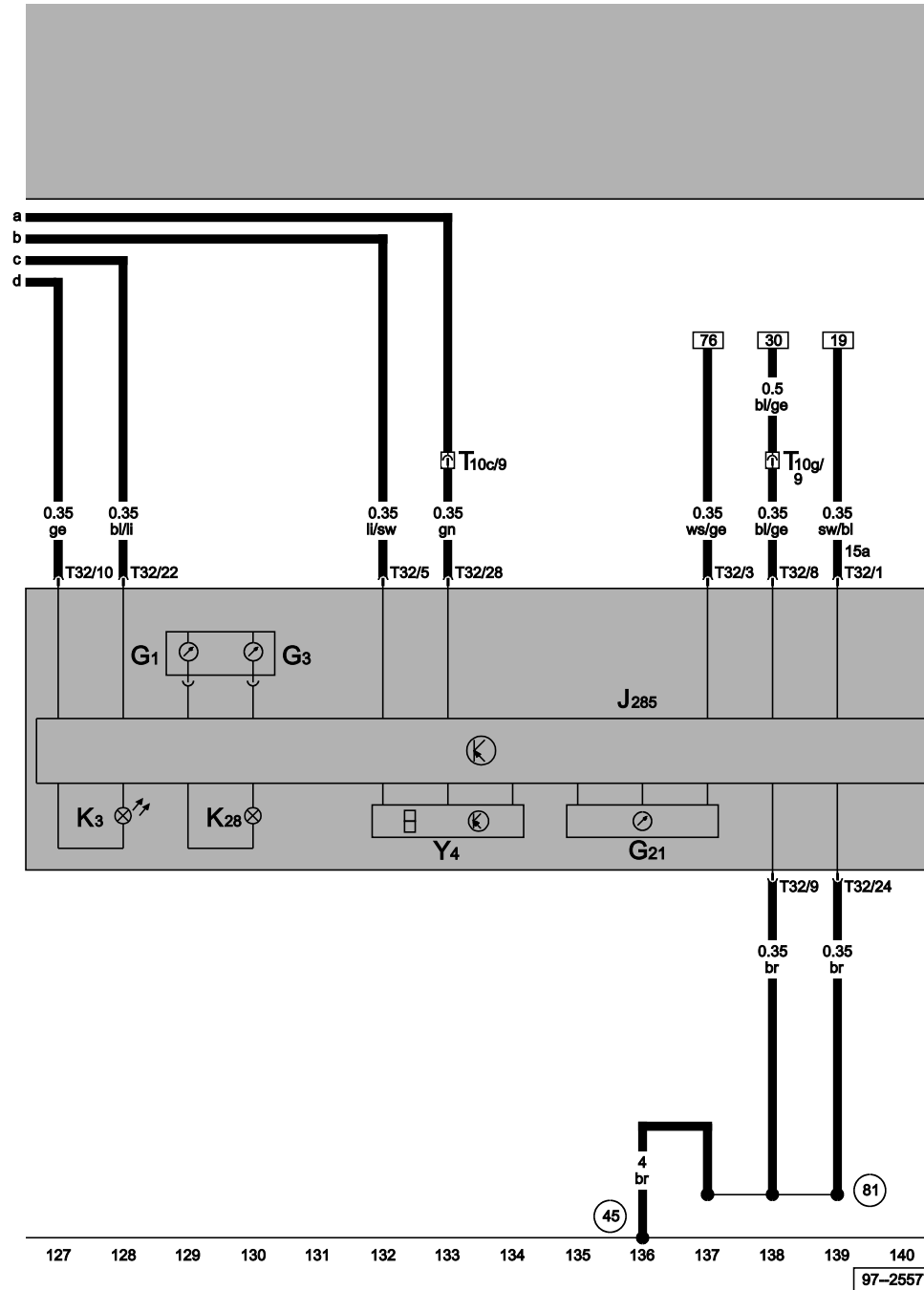
ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
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li = purple
ge = yellow
or = orange
rs = pink



Radiator fan thermo-switch, oil pressure switch (0.3 bar), fuel gauge sender, fuel pump (pre-supply pump)

- F18 Radiator fan thermo-switch
- F22 Oil pressure switch (0.3 bar)
- G Fuel gauge sender
- G6 Fuel pump (pre-supply pump)
- G32 Coolant shortage indicator sender
- SB40 Fuse -40- on fuse box
- T3b 3-pin connector, in engine compartment, front left
- T6b 6-pin connector, grey, in protective housing for connectors
- T10e 10-pin connector, green, in protective housing for connectors
- T10i 10-pin connector, orange, in protective housing for connectors
- V7 Radiator fan
- 12 Earth point, in engine compartment, left
- 51 Earth point, in right luggage compartment
- 179 Earth connection, in left headlight wiring harness
- 269 Earth connection (sender earth) -1-, in dash panel wiring harness

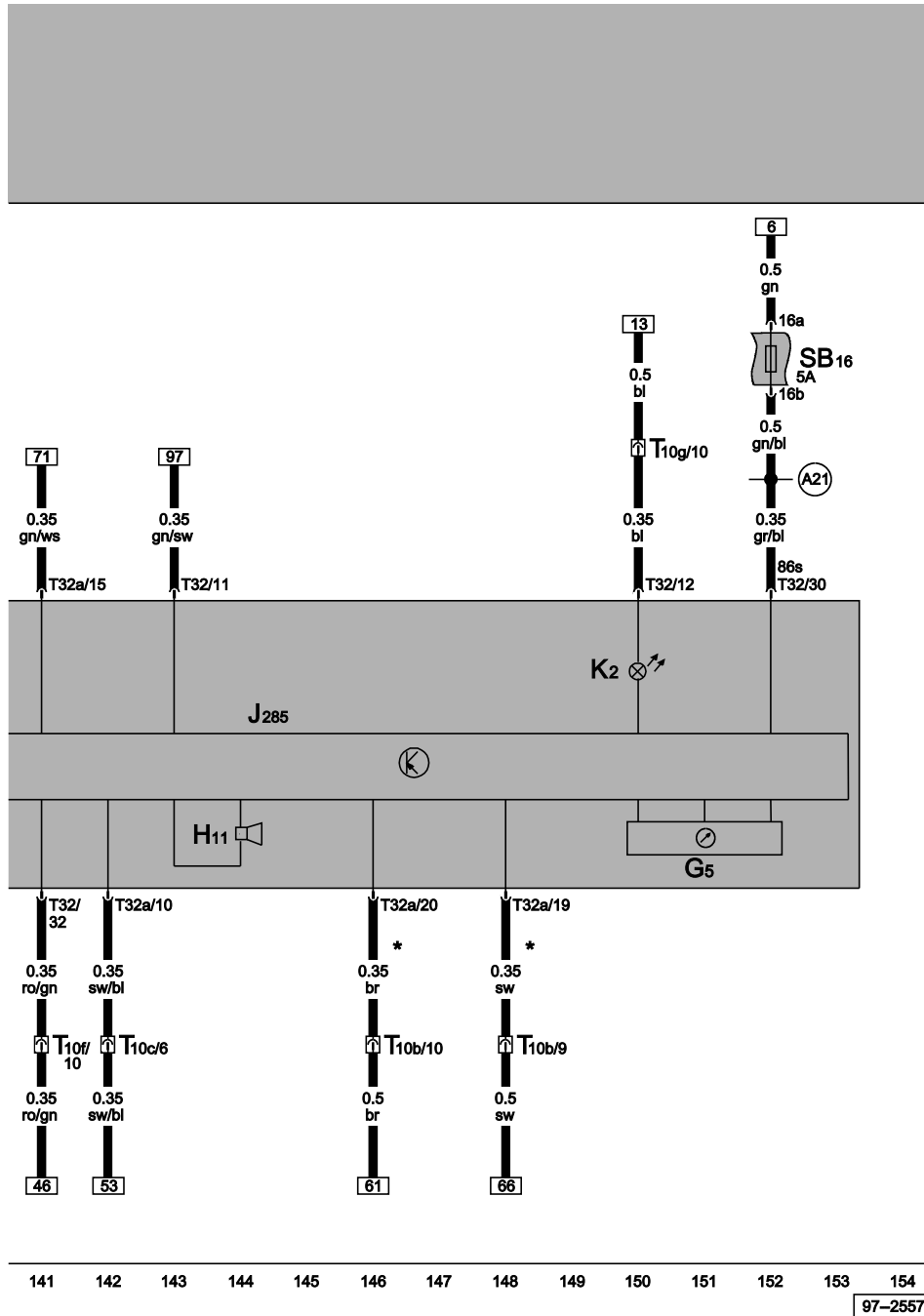
ws = white
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 gr = grey
 li = purple
 ge = yellow
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 rs = pink



Control unit with display in dash panel insert, fuel gauge, coolant temperature gauge, speedometer, oil pressure warning lamp

- G1 Fuel gauge
- G3 Coolant temperature gauge
- G21 Speedometer
- J285 Control unit with display in dash panel insert
- K3 Oil pressure warning lamp
- K28 Coolant temperature/coolant shortage warning lamp
- T10c 10-pin connector, brown, in protective housing for connectors
- T10g 10-pin connector, red, in protective housing for connectors
- T32 32-pin connector, blue
- Y4 Odometer display
- 45 Earth point, behind dash panel - centre
- 81 Earth connection -1-, in dash panel wiring harness

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



Control unit with display in dash panel insert, rev. counter, oil pressure warning buzzer, alternator warning lamp

- G5 Rev. counter
- H11 Oil pressure warning buzzer
- J285 Control unit with display in dash panel insert
- K2 Alternator warning lamp
- SB16 Fuse -16- on fuse box
- T10b 10-pin connector, white, in protective housing for connectors
- T10c 10-pin connector, brown, in protective housing for connectors
- T10f 10-pin connector, purple, in protective housing for connectors
- T10g 10-pin connector, red, in protective housing for connectors
- T32 32-pin connector, blue
- T32a 32-pin connector, green

A21 Connection (86s), in dash panel wiring harness

* Data wire

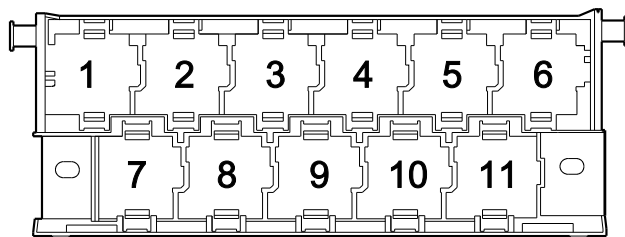
1.9 l/50 kW naturally aspirated diesel engine, engine codes AGP/AQM

From October 1999

1.9 l/50 kW naturally aspirated diesel engine, engine codes AQM, from October 1999

For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.

Relay locations on relay plate:



97-25507

2 - Glow plug relay (103)

4 - Fuel shut-off control unit (405)

6 - X contact relief relay (100)

7 - Terminal 30 voltage supply relay, only engine compartment SDI/TDI (109)



Note:

♦ The number in brackets behind the part designation denotes the control number on the housing.

Fuse colours

30 A - green

25 A - white

20 A - yellow

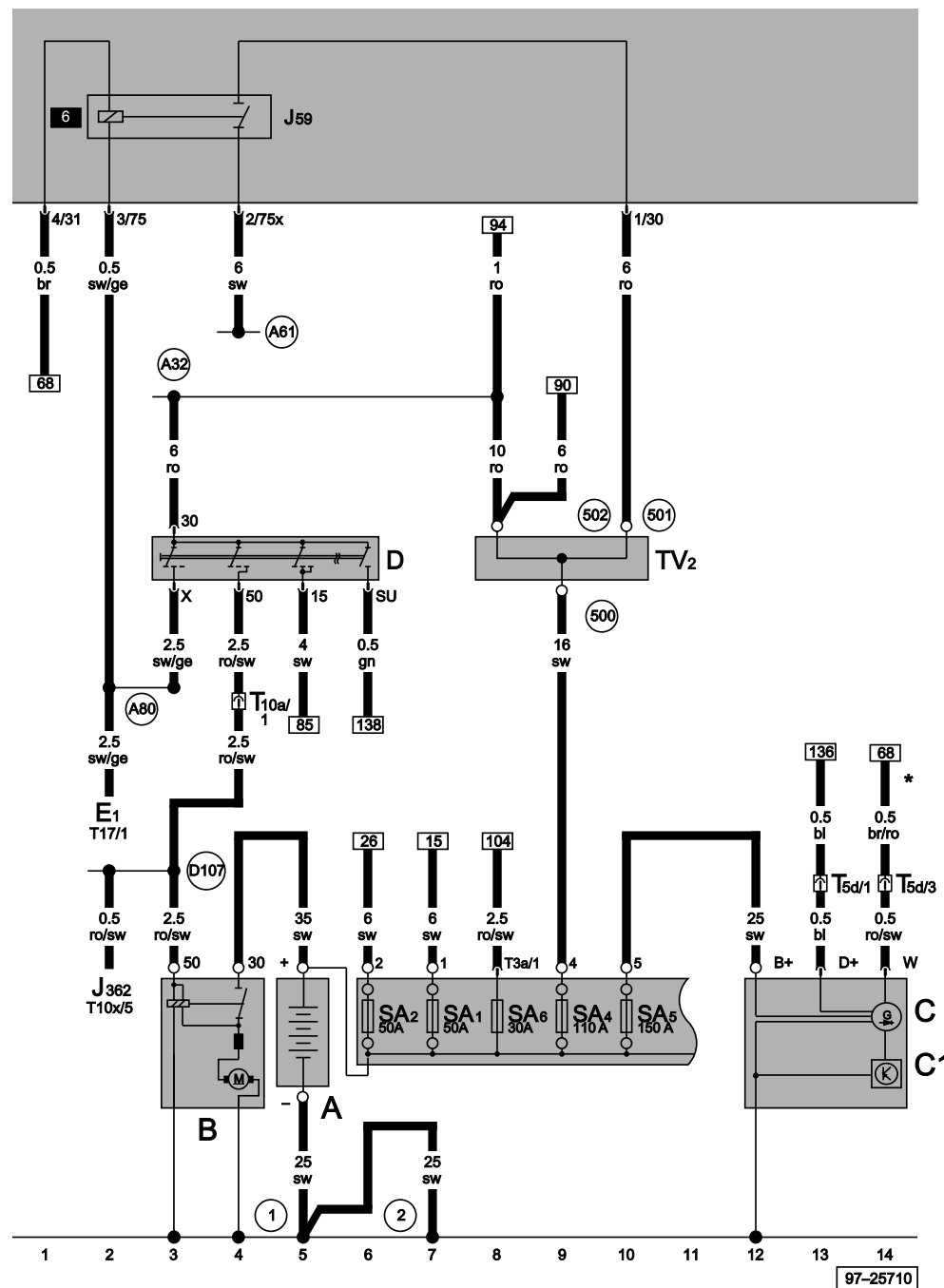
15 A - blue

10 A - red

7.5 A - brown

5 A - beige

3 A - purple

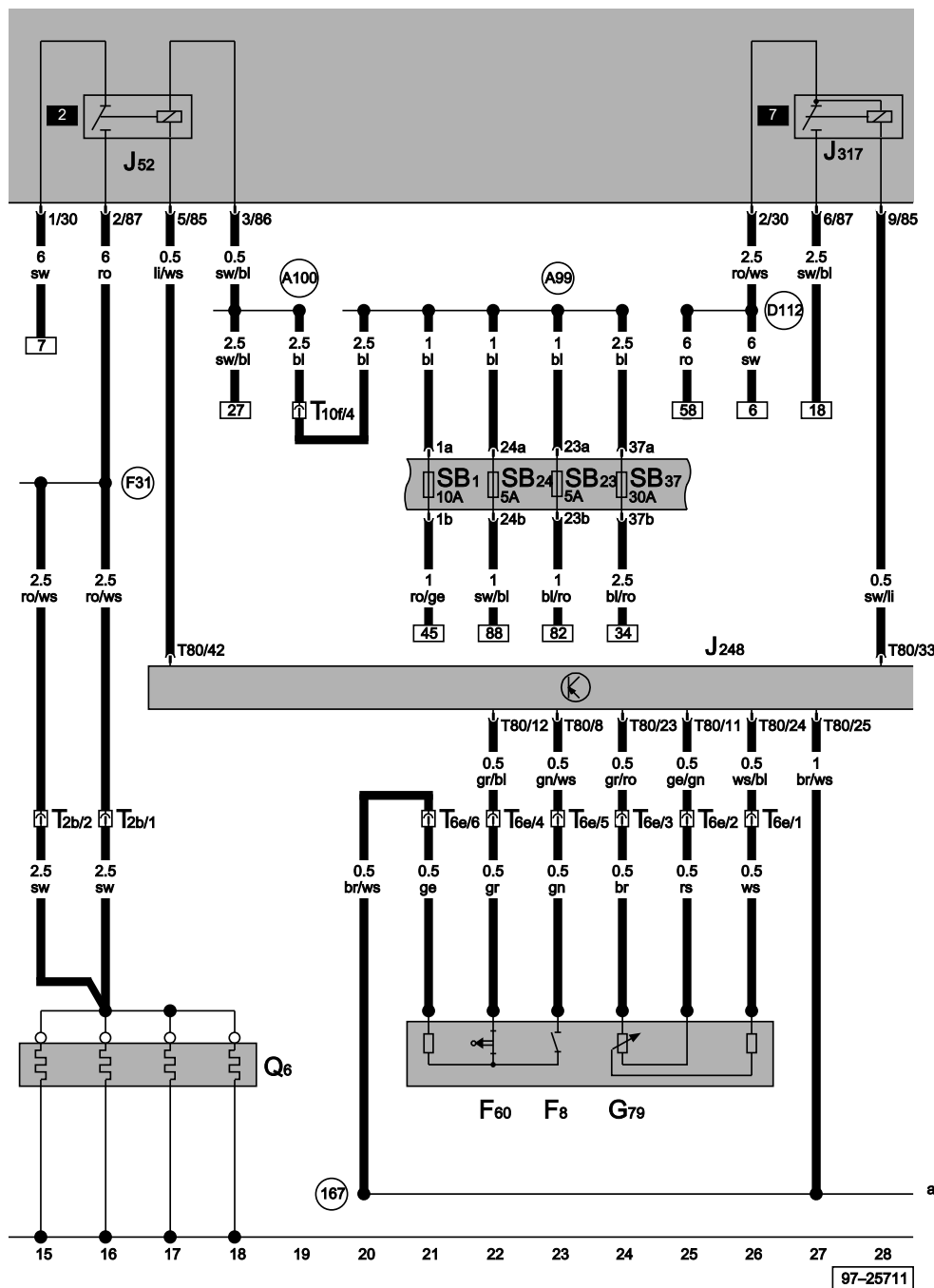


Battery, starter, alternator, voltage regulator, ignition/starter switch, terminal 30 junction box , X contact relief relay

- A Battery
- B Starter
- C Alternator
- C1 Voltage regulator
- D Ignition/starter switch
- E1 Lighting switch
- J59 X contact relief relay
- J362 Immobilizer control unit
- SA1 Fuse -1- on battery fuse box
- SA2 Fuse -2- on battery fuse box
- SA4 Fuse -4- on battery fuse box
- SA5 Fuse -5- on battery fuse box
- SA6 Fuse -6- on battery fuse box
- TV2 Terminal 30 junction box
- T3a 3-pin connector, in battery
- T5d 5-pin connector, in engine, near gearbox
- T10a 10-pin connector, black, in protective housing for connectors
- T10x 10-pin connector
- T17 17-pin connector

- 1 Earth strap, battery - body
- 2 Earth strap, gearbox - body
- 500 Screw connection -1- (30), on relay plate
- 501 Screw connection -2- (30), on relay plate
- 502 Screw connection -1- (30a), on relay plate
- A32 Positive (+) connection (30), in dash panel wiring harness
- A61 Positive (+) connection (X), in instruments wiring harness
- A80 Connection -1- (X), in dash panel wiring harness
- D107 Connection -5-, in engine compartment wiring harness
- * Only models with auxiliary heating

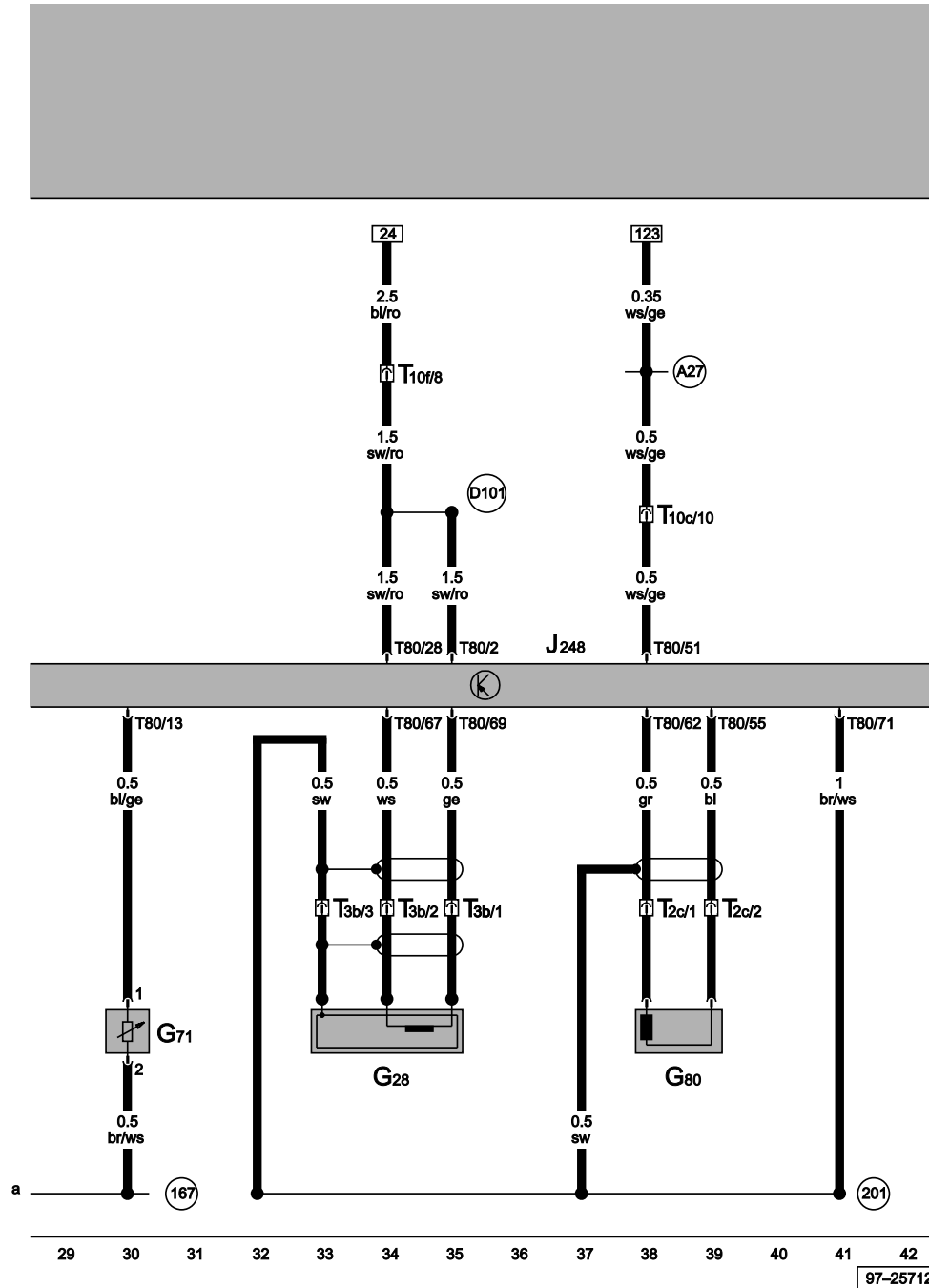
ws = white
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Diesel direct injection system control unit, relay for glow plugs, glow plugs (engine), terminal 30 voltage supply relay, kick-down switch, idling switch, accelerator pedal position sender

- F8 Kick-down switch
- F60 Idling switch
- G79 Accelerator pedal position sender
- J52 Glow plug relay
- J248 Diesel direct injection system control unit
- J317 Terminal 30 voltage supply relay
- Q6 Glow plugs - (engine)
- SB1 Fuse -1- on fuse box
- SB23 Fuse -23- on fuse box
- SB24 Fuse -24- on fuse box
- SB37 Fuse -37- on fuse box
- T2b 2-pin connector, in engine
- T6e 6-pin connector, on left C-pillar
- T10f 10-pin connector, purple, in protective housing for connectors
- T80 80-pin connector
- 167 Earth connection -4-, in engine compartment wiring harness
- A99 Connection -1- (87), in dash panel wiring harness
- A100 Connection -2- (87), in dash panel wiring harness
- D112 Connection -10-, in engine compartment wiring harness
- F31 Connection (glow plugs - engine), in diesel direct injection system wiring harness

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



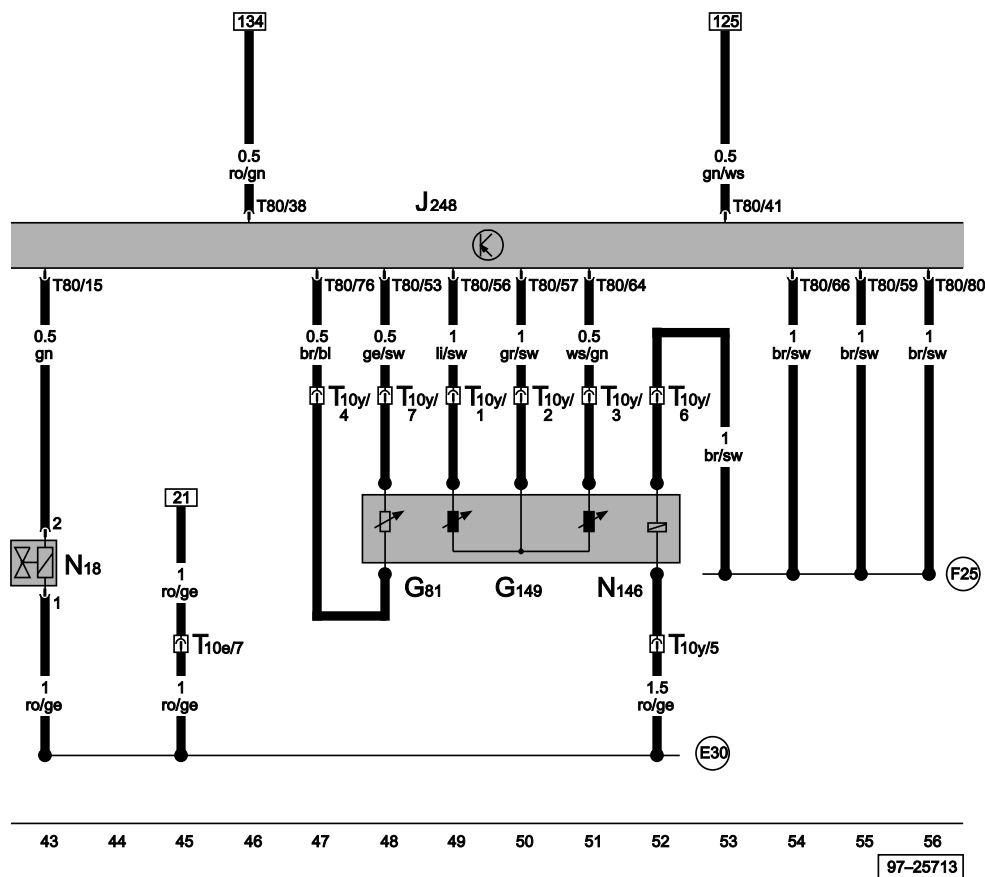
Diesel direct injection system control unit, engine speed sender, intake manifold pressure sender, needle lift sender

- G28 Engine speed sender
- G71 Intake manifold pressure sender
- G80 Needle lift sender
- J248 Diesel direct injection system control unit
- T2c 2-pin connector
- T3b 3-pin connector, in engine compartment, front left
- T10c 10-pin connector, brown, in protective housing for connectors
- T10f 10-pin connector, purple, in protective housing for connectors
- T80 80-pin connector
- 167 Earth connection -4-, in engine compartment wiring harness
- 201 Earth connection -5-, in engine compartment wiring harness
- A27 Connection (speed signal), in dash panel wiring harness
- D101 Connection -1-, in engine compartment wiring harness

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

Diesel direct injection system control unit, exhaust gas recirculation valve, fuel temperature sender, modulating piston movement sender, metering adjuster

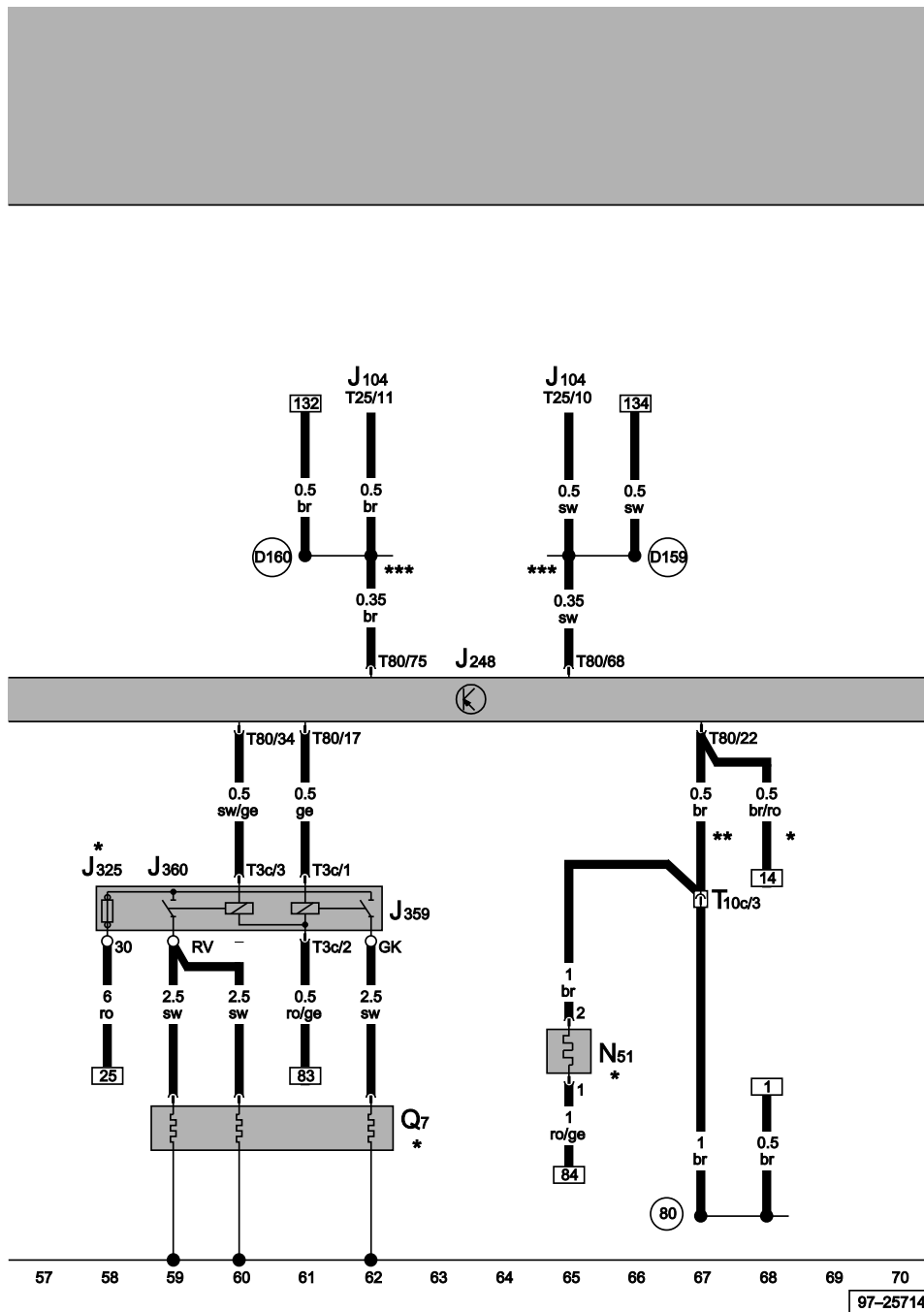
- G81 Fuel temperature sender
- G149 Modulating piston movement sender
- J248 Diesel direct injection system control unit
- N18 Exhaust gas recirculation valve
- N146 Metering adjuster
- T10e 10-pin connector, green, in protective housing for connectors
- T10y 10-pin connector, blue, A pillar, left
- T80 80-pin connector
- E30 Connection (87a), in engine wiring harness
- F25 Connection -1-, in diesel direct injection system wiring harness



ws = white
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gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Diesel direct injection system control unit, relay for coolant heater elements, coolant heating elements, intake manifold preheating heater element

- J104 ABS with EDL control unit
- J248 Diesel direct injection system control unit
- J325 Coolant heater element relay
- J359 Low heat output relay
- J360 High heat output relay
- N51 Intake manifold preheating heater element
- Q7 Coolant heating elements
- T10c 10-pin connector, brown, in protective housing for connectors
- T25 25-pin connector
- T80 80-pin connector
- 80 Earth connection -1-, in instruments wiring harness
- D159 Positive (+) connection (high bus), in engine compartment wiring harness
- D160 Positive (+) connection (low bus), in engine compartment wiring harness
- * Only models with heater for radiator
- ** Only models without heater for radiator
- *** Data wire

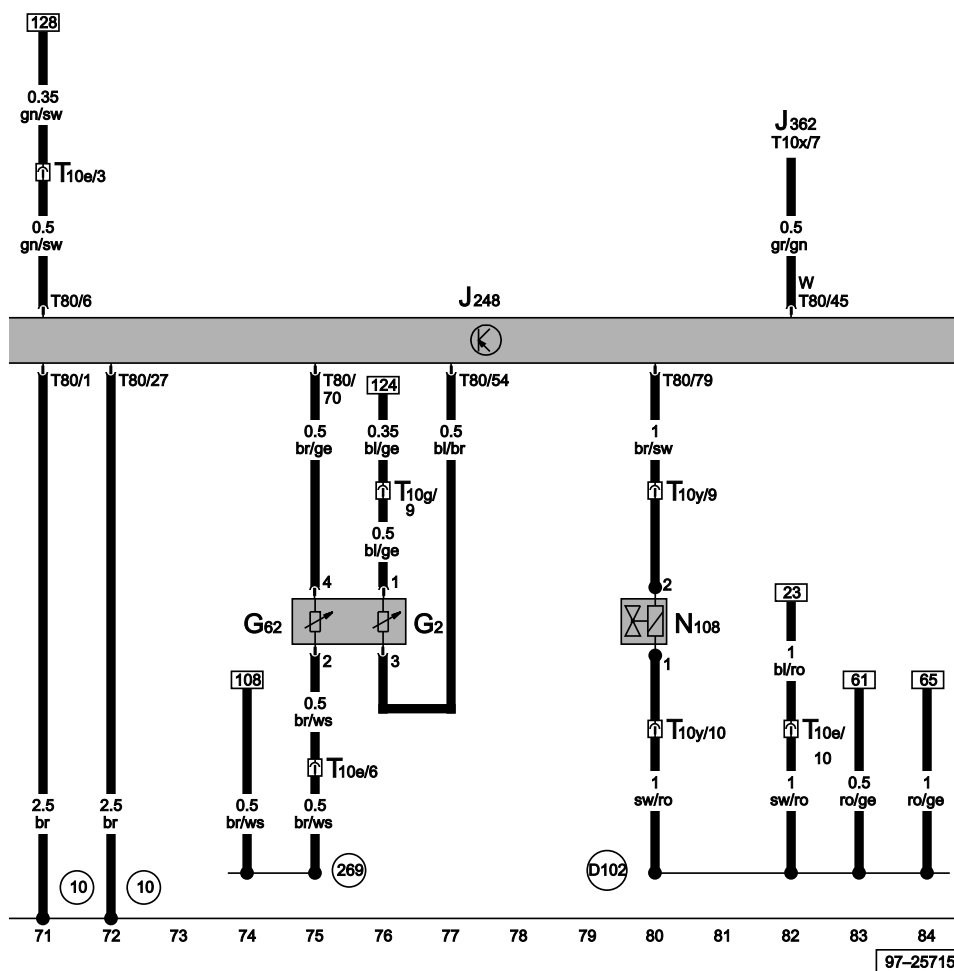


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 or = orange
 rs = pink

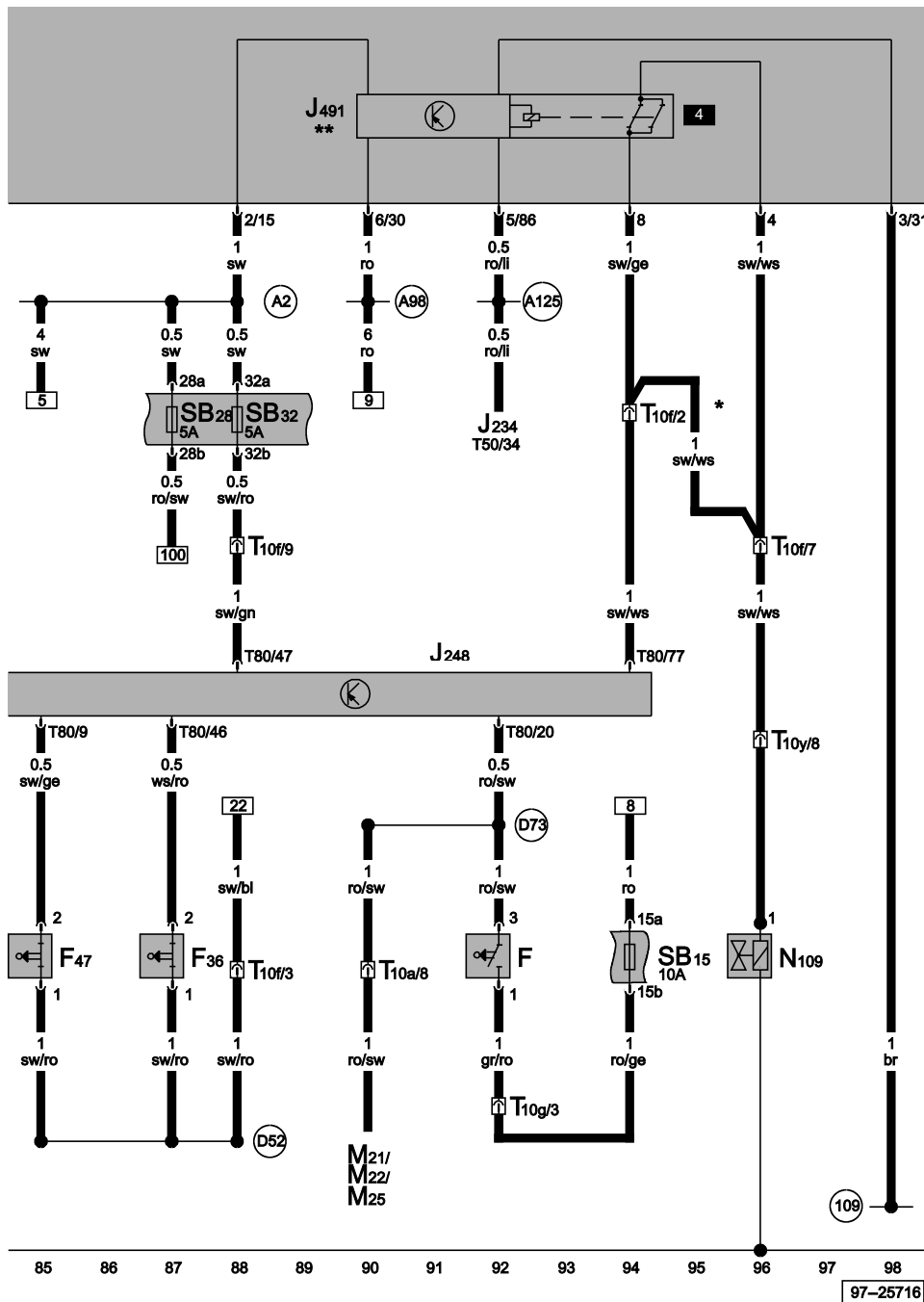
Diesel direct injection system control unit, coolant temperature sender, commencement of injection valve

- G2 Coolant temperature sender
- G62 Coolant temperature sender
- J248 Diesel direct injection system control unit
- J362 Immobilizer control unit
- N108 Commencement of injection valve
- T10e 10-pin connector, green, in protective housing for connectors
- T10g 10-pin connector, red, in protective housing for connectors
- T10x 10-pin connector
- T10y 10-pin connector, blue, A pillar, left
- T80 80-pin connector

- 10 Earth point, in plenum chamber
- 269 Earth connection (sender earth) -1-, in dash panel wiring harness
- D102 Connection -2-, in engine compartment wiring harness



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- li = purple
- ge = yellow
- or = orange
- rs = pink



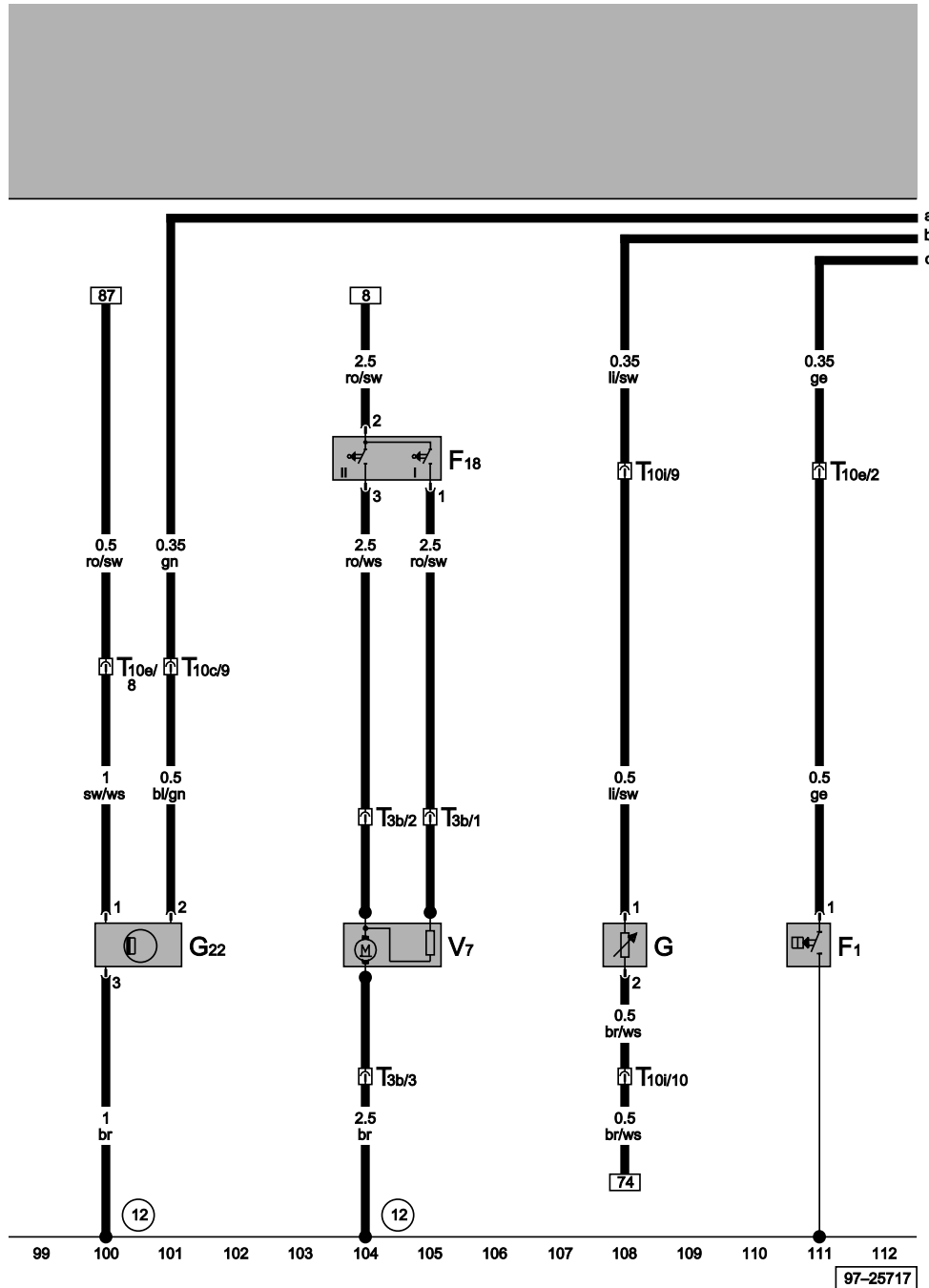
Diesel direct injection system control unit, fuel shut-off control unit (crash), brake light switch, clutch pedal switch, cruise control system brake pedal switch (diesel direct injection system), fuel shut-off valve

- F Brake light switch
- F36 Clutch pedal switch
- F47 Cruise control system brake pedal switch (diesel direct injection system)
- J234 Airbag control unit
- J248 Diesel direct injection system control unit
- J491 Fuel shut-off control unit (crash)
- M21 Brake and tail light bulb, left
- M22 Brake and tail light bulb, right
- M25 High level brake light bulb
- N109 Fuel shut-off valve
- SB15 Fuse -15- on fuse box
- SB28 Fuse -28- on fuse box
- SB32 Fuse -32- on fuse box
- T10a 10-pin connector, black, in protective housing for connectors
- T10f 10-pin connector, purple, in protective housing for connectors
- T50 50-pin connector
- T80 80-pin connector
- T10g 10-pin connector, red, in protective housing for connectors
- T10y 10-pin connector, blue, A pillar, left

- 109 Earth connection, in airbag wiring harness
- A2 Positive (+) connection (15), in dash panel wiring harness
- A98 Positive (+) connection -4- (30), in dash panel wiring harness
- A125 Connection (crash signal), in dash panel wiring harness
- D52 Positive (+) connection (15a), in engine compartment wiring harness
- D73 Positive (+) connection (54), in engine compartment wiring harness

* Does not apply to airbag
** Only models with airbag

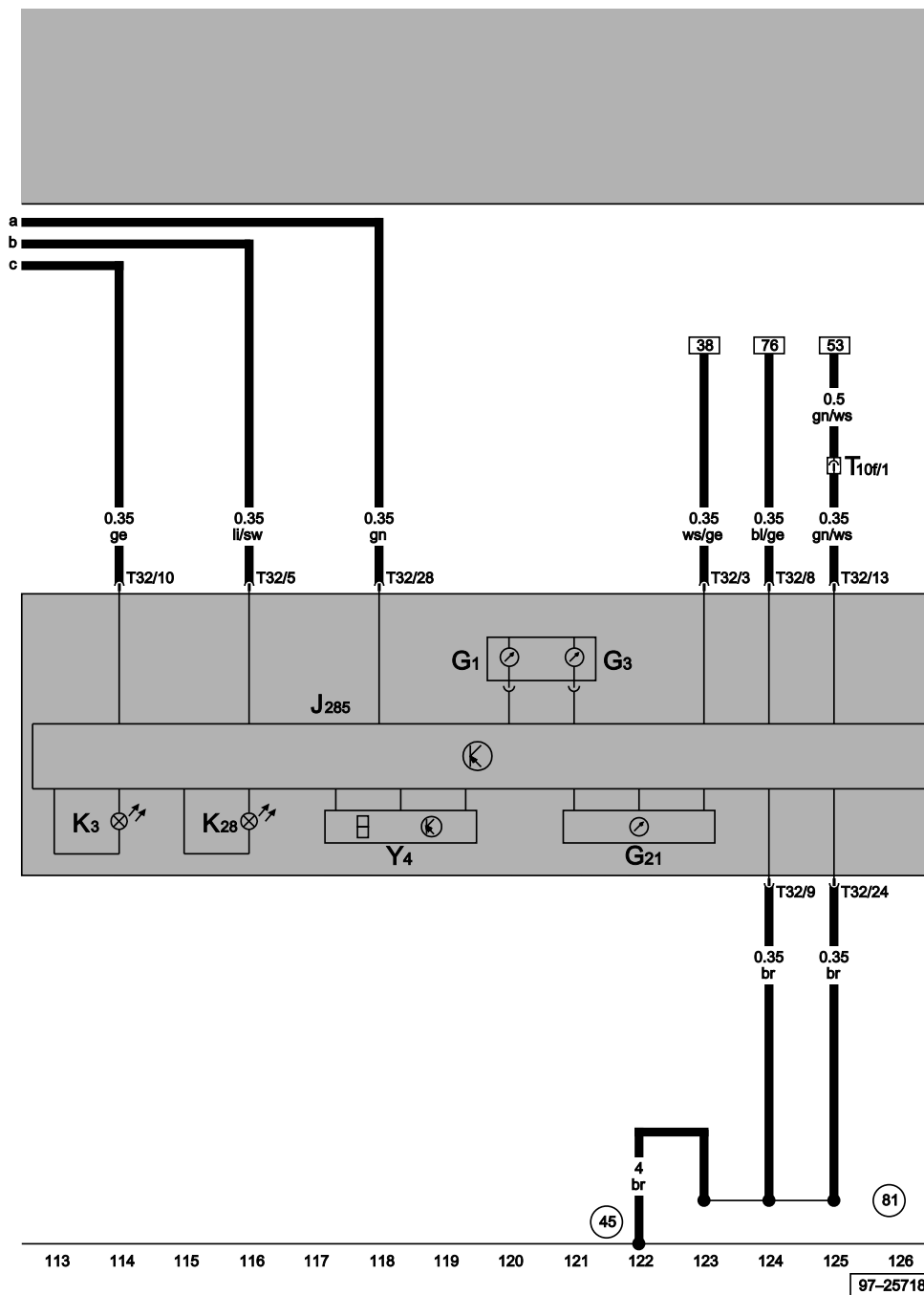
ws = white
sw = black
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bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink



Radiator fan thermo-switch, oil pressure switch, fuel gauge sender, speedometer sender (hall sender, on gearbox)

- F1 Oil pressure switch
- F18 Radiator fan thermo-switch
- G Fuel gauge sender
- G22 Speedometer sender (Hall sender, on gearbox)
- T3b 3-pin connector, in engine compartment, front left
- T10c 10-pin connector, brown, in protective housing for connectors
- T10e 10-pin connector, green, in protective housing for connectors
- T10i 10-pin connector, orange, in protective housing for connectors
- V7 Radiator fan
- 12 Earth point, in engine compartment, left

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



Control unit with display in dash panel insert, fuel gauge, coolant temperature gauge, speedometer, oil pressure warning lamp, coolant temperature/coolant shortage warning lamp, odometer display

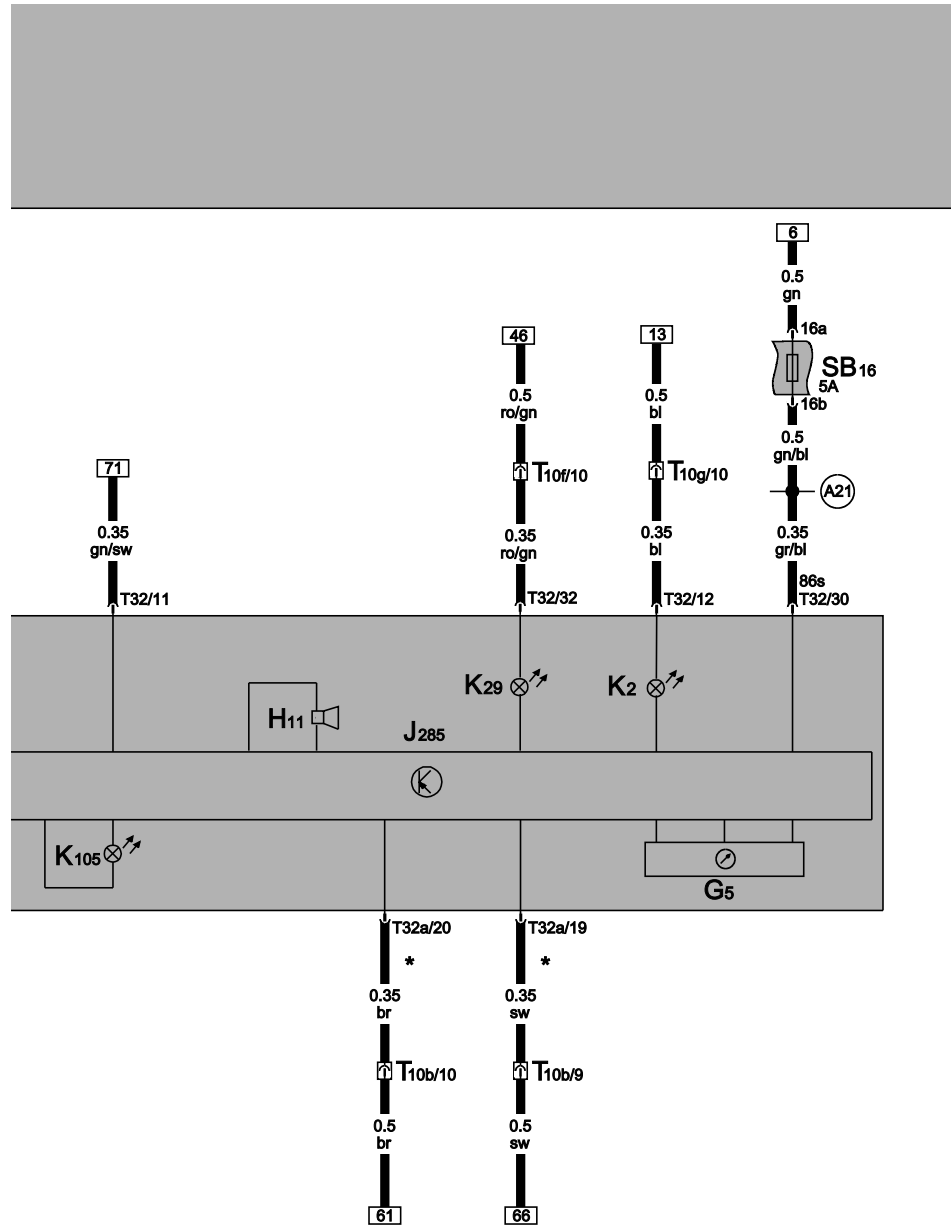
- G1 Fuel gauge
- G3 Coolant temperature gauge
- G21 Speedometer
- J285 Control unit with display in dash panel insert
- K3 Oil pressure warning lamp
- K28 Coolant temperature/coolant shortage warning lamp
- T10f 10-pin connector, purple, in protective housing for connectors
- T32 32-pin connector, blue
- Y4 Odometer display
- 45 Earth point, behind dash panel - centre
- 81 Earth connection -1-, in dash panel wiring harness

Control unit with display in dash panel insert, rev. counter oil pressure warning buzzer, alternator warning lamp

- G5 Rev. counter
- H11 Oil pressure warning buzzer
- J285 Control unit with display in dash panel insert
- K2 Alternator warning lamp
- K29 Glow period warning lamp
- K105 Reserve fuel warning lamp
- SB16 Fuse -16- on fuse box
- T10b 10-pin connector, white, in protective housing for connectors
- T10f 10-pin connector, purple, in protective housing for connectors
- T10g 10-pin connector, red, in protective housing for connectors
- T32 32-pin connector, blue
- T32a 32-pin connector, green

A21 Connection (86s), in dash panel wiring harness

* Data wire



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

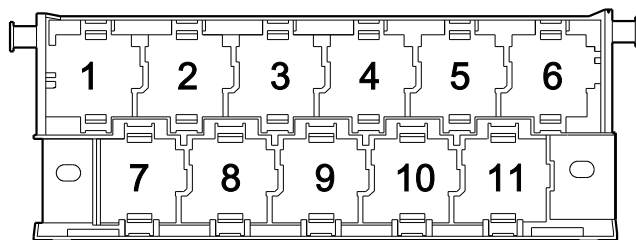
1.9 l/66 kW turbo-diesel engine, engine codes AGR/ALH

From October 1999

1.9 l/66 kW turbo-diesel engine, engine codes AGR, from October 1999

For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.

Relay locations on relay plate:



97-22850

2 - Glow plug relay (103)

4 - Fuel shut- off control unit (405)

6 - X contact relief relay (100)

7 - Terminal 30 voltage supply relay, only engine compartment SDI/TDI (109)



Note:

♦ The number in brackets behind the part designation denotes the control number on the housing.

Fuse colours

30 A - green

25 A - white

20 A - yellow

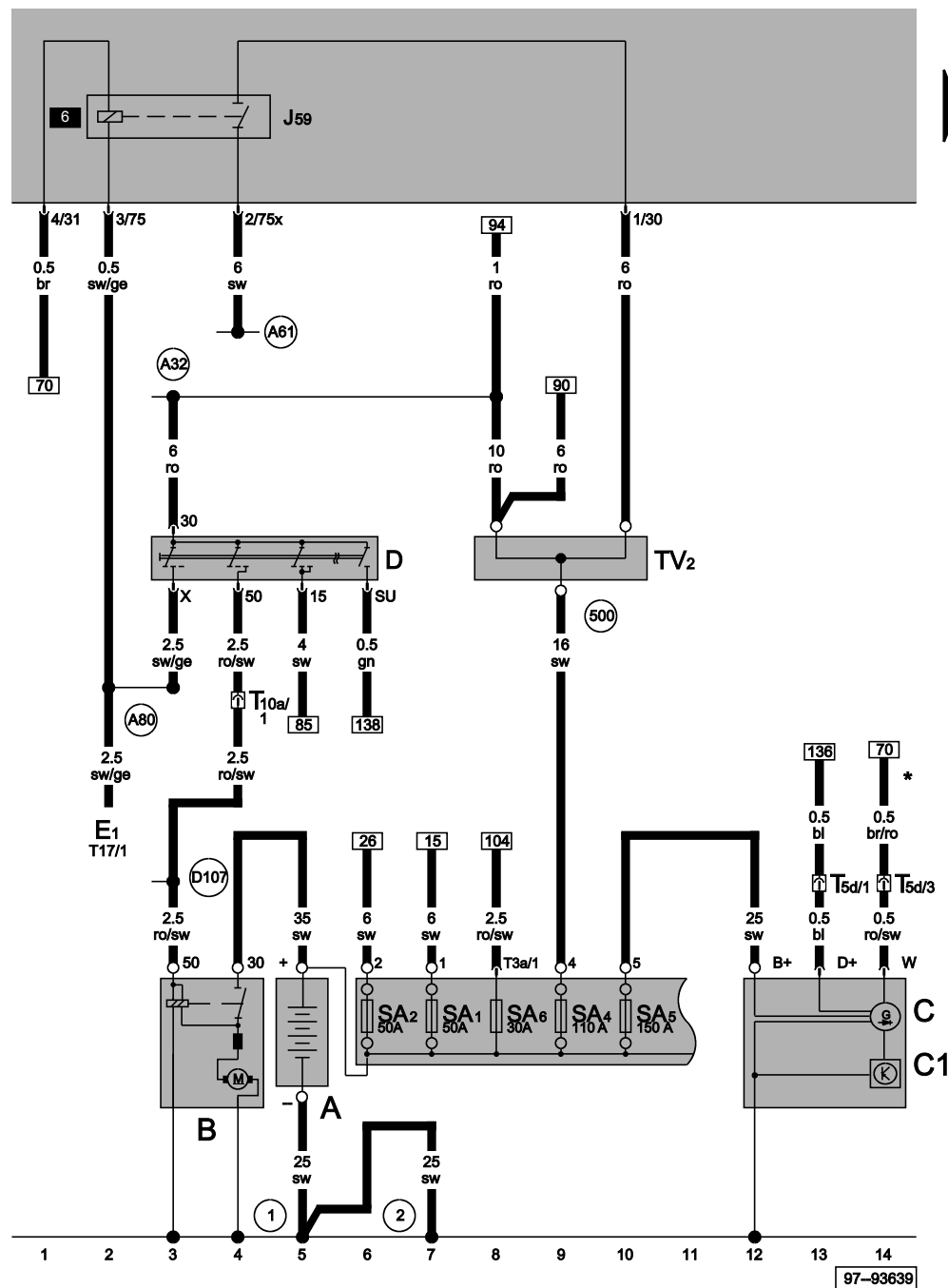
15 A - blue

10 A - red

7.5 A - brown

5 A - beige

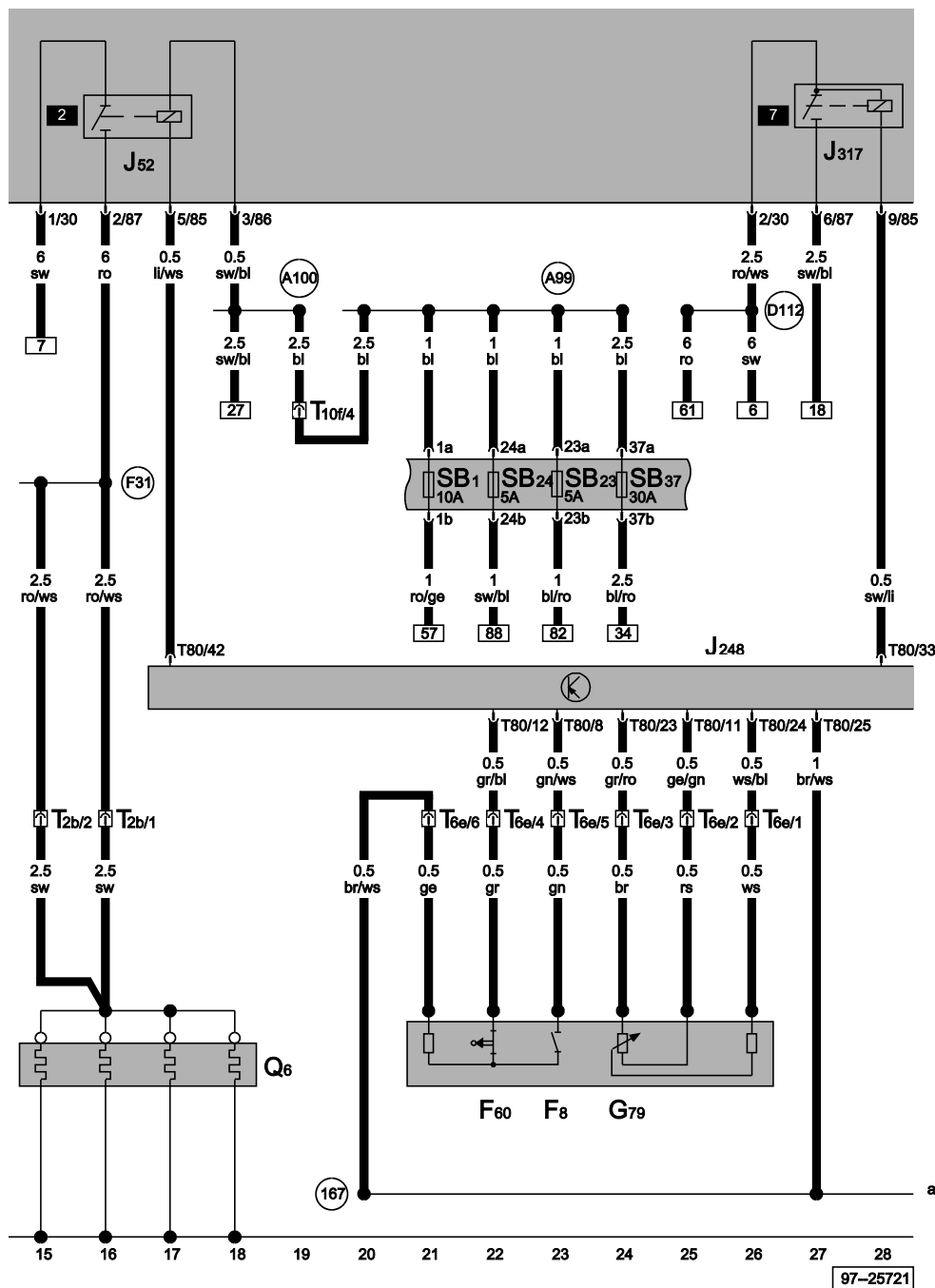
3 A - purple



Starter, battery, alternator, voltage regulator, ignition/starter switch, terminal 30 junction box, X contact relief relay

- A Battery
- B Starter
- C Alternator
- C1 Voltage regulator
- D Ignition/starter switch
- E1 Lighting switch
- J59 X contact relief relay
- SA1 Fuse -1- on battery fuse box
- SA2 Fuse -2- on battery fuse box
- SA3 Fuse -3- on battery fuse box
- SA4 Fuse -4- on battery fuse box
- SA5 Fuse -5- on battery fuse box
- SA6 Fuse -6- on battery fuse box
- TV2 Terminal 30 junction box
- T3a 3-pin connector, near battery
- T5d 5-pin connector, near gearbox
- T10a 10-pin connector, black
- T17 17-pin connector
- 1 Earth strap, battery - body
- 2 Earth strap, gearbox - body
- 500 Screw connection -1- (30), on relay plate
- A32 Positive (+) connection (30), in dash panel wiring harness
- A61 Positive (+) connection (X), in instruments wiring harness
- A80 Connection -1- (X), in dash panel wiring harness
- D107 Connection -5-, in engine compartment wiring harness
- * Only models with additional heating

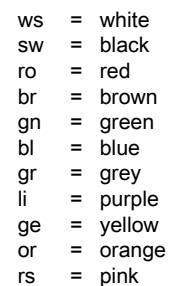
ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink



Diesel direct injection system control unit, relay for glow plugs, glow plugs (engine), terminal 30 voltage supply relay, kick-down switch, idling switch, accelerator pedal position sender

- F8 Kick-down switch
- F60 Idling switch
- G79 Accelerator pedal position sender
- J52 Glow plug relay
- J248 Diesel direct injection system control unit
- J317 Terminal 30 voltage supply relay
- Q6 Glow plugs - (engine)
- SB1 Fuse -1- on fuse box
- SB23 Fuse -23- on fuse box
- SB24 Fuse -24- on fuse box
- SB37 Fuse -37- on fuse box
- T2b 2-pin connector, in engine
- T6e 6-pin connector, on left C-pillar
- T10f 10-pin connector, purple, in protective housing for connectors
- T80 80-pin connector
- 167 Earth connection -4-, in engine compartment wiring harness
- A99 Connection -1- (87), in dash panel wiring harness
- A100 Connection -2- (87), in dash panel wiring harness
- D112 Connection -10-, in engine compartment wiring harness
- F31 Connection (glow plugs - engine), in diesel direct injection system wiring harness

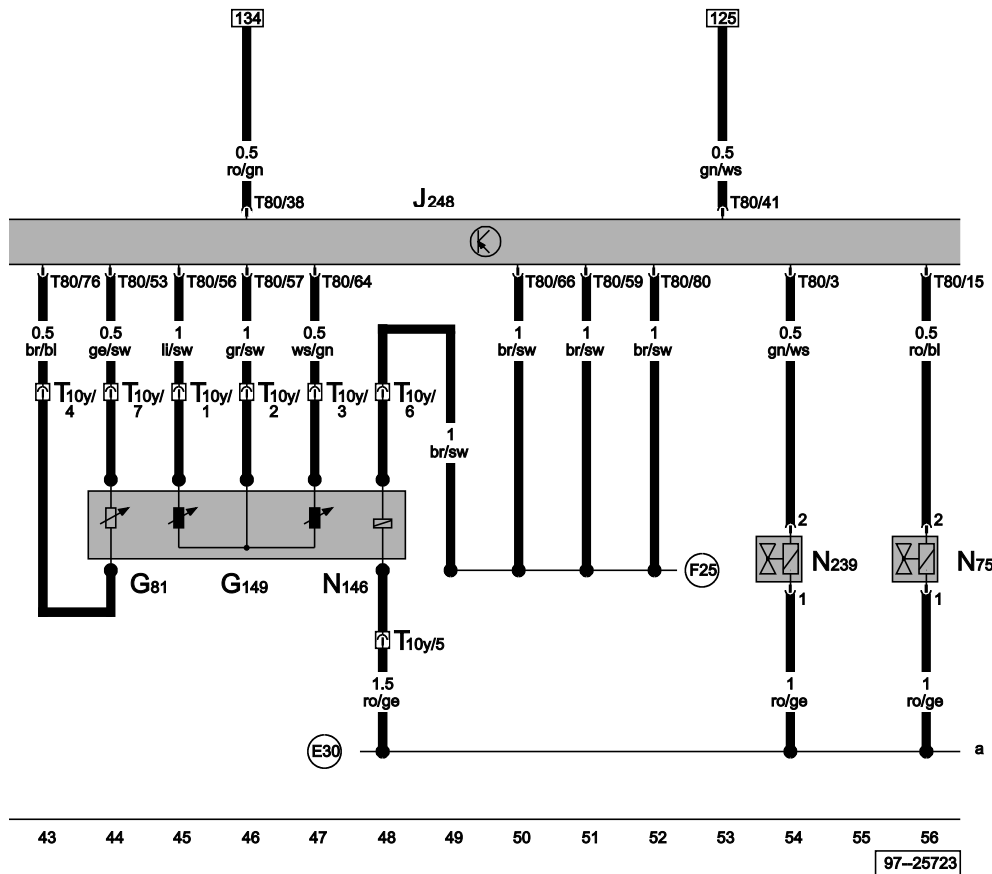
ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink



G28	Engine speed sender
G42	Intake air temperature sender
G71	Intake manifold pressure sender
G80	Needle lift sender
J248	Diesel direct injection system control unit
T2c	2-pin connector
T3b	3-pin connector, in engine compartment, front left
T10c	10-pin connector, brown, in protective housing for connectors
T10f	10-pin connector, purple, in protective housing for connectors
T80	80-pin connector
167	Earth connection -4-, in engine compartment wiring harness
201	Earth connection -5-, in engine compartment wiring harness
A27	Connection (speed signal), in dash panel wiring harness
D101	Connection -1-, in engine compartment wiring harness

Diesel direct injection system control unit, charge pressure control solenoid valve, intake manifold flap change-over valve, fuel temperature sender, modulating piston movement sender, metering adjuster

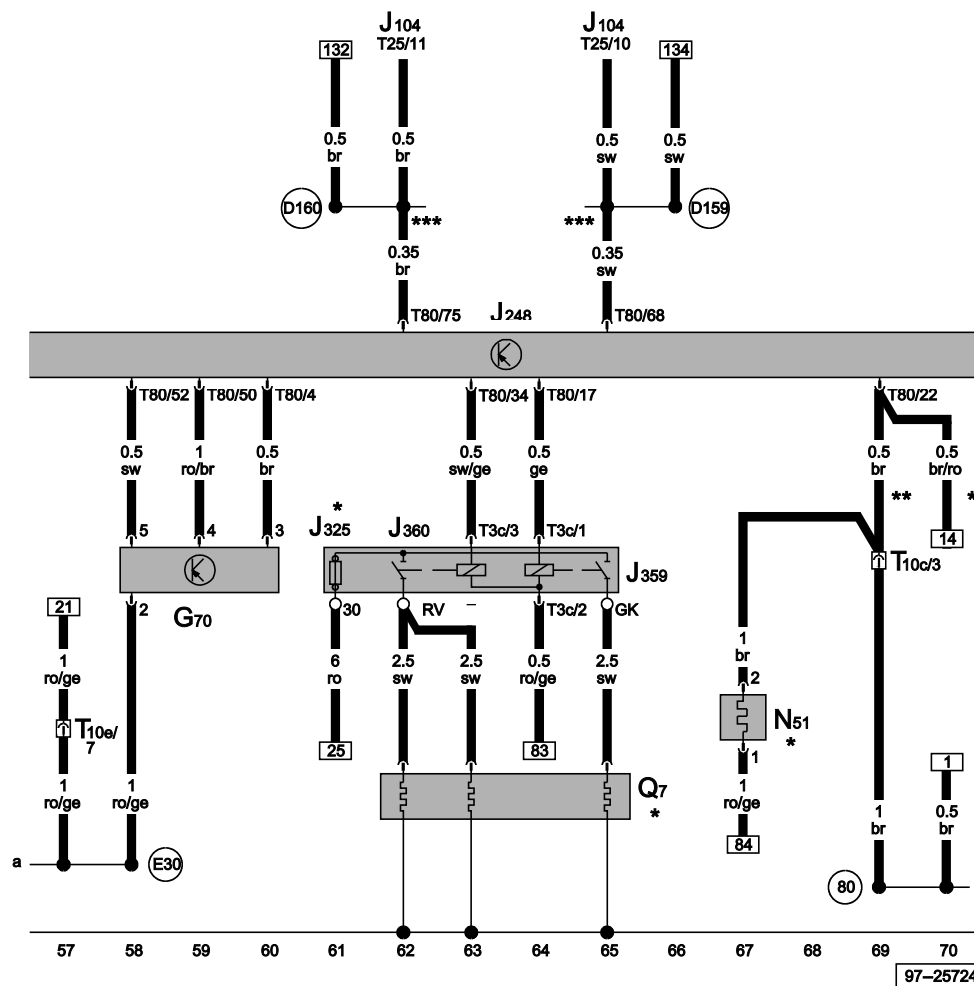
- G81 Fuel temperature sender
- G149 Modulating piston movement sender
- J248 Diesel direct injection system control unit
- N75 Charge pressure control solenoid valve
- N146 Metering adjuster
- N239 Intake manifold flap change-over valve
- T10y 10-pin connector, blue, A pillar, left
- T80 80-pin connector
- E30 Connection (87a), in engine wiring harness
- F25 Connection -1-, in diesel direct injection system wiring harness



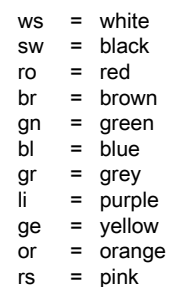
ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink

Diesel direct injection system control unit, relay for coolant heater elements, coolant heating elements, intake manifold preheating heater element, air mass meter

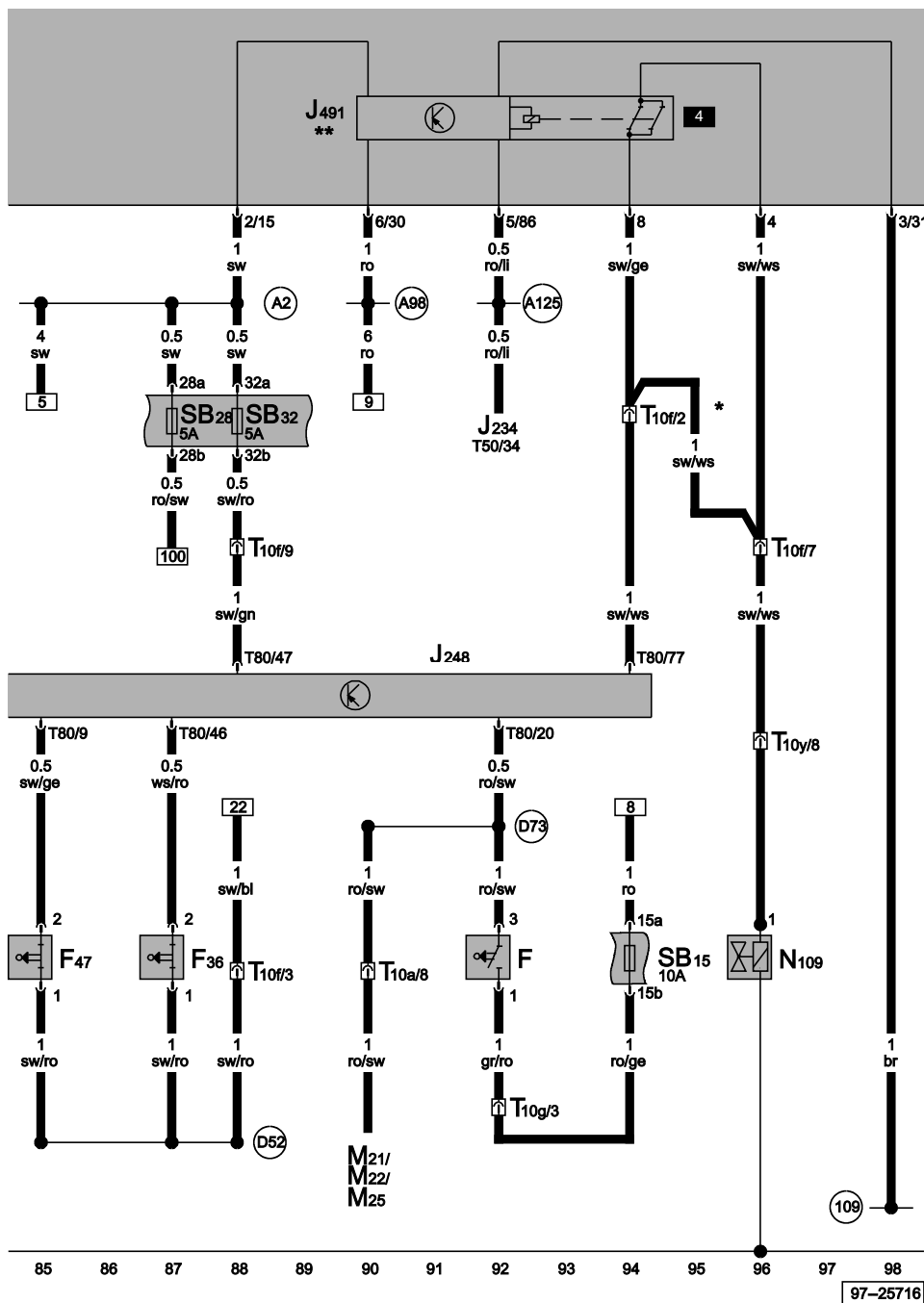
- G70 Air mass meter
- J104 ABS with EDL control unit
- J248 Diesel direct injection system control unit
- J325 Coolant heater element relay
- J359 Low heat output relay
- J360 High heat output relay
- N51 Intake manifold preheating heater element
- Q7 Coolant heating elements
- T10c 10-pin connector, brown, in protective housing for connectors
- T10e 10-pin connector, green, in protective housing for connectors
- T25 25-pin connector
- T80 80-pin connector
- 80 Earth connection -1-, in instruments wiring harness
- D159 Positive (+) connection (high bus), in engine compartment wiring harness
- D160 Positive (+) connection (low bus), in engine compartment wiring harness
- E30 Connection (87a), in engine wiring harness
- * Only models with heater for radiator
- ** Only models without heater for radiator
- *** Data wire



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



G2	Coolant temperature sender
G62	Coolant temperature sender
J362	Immobilizer control unit
J248	Diesel direct injection system control unit
N18	Exhaust gas recirculation valve
N108	Commencement of injection valve
T10e	10-pin connector, green, in protective housing for connectors
T10g	10-pin connector, red, in protective housing for connectors
T10x	10-pin connector
T10y	10-pin connector, blue, A pillar, left
T80	80-pin connector
10	Earth point, in plenum chamber
D102	Connection -2-, in engine compartment wiring harness

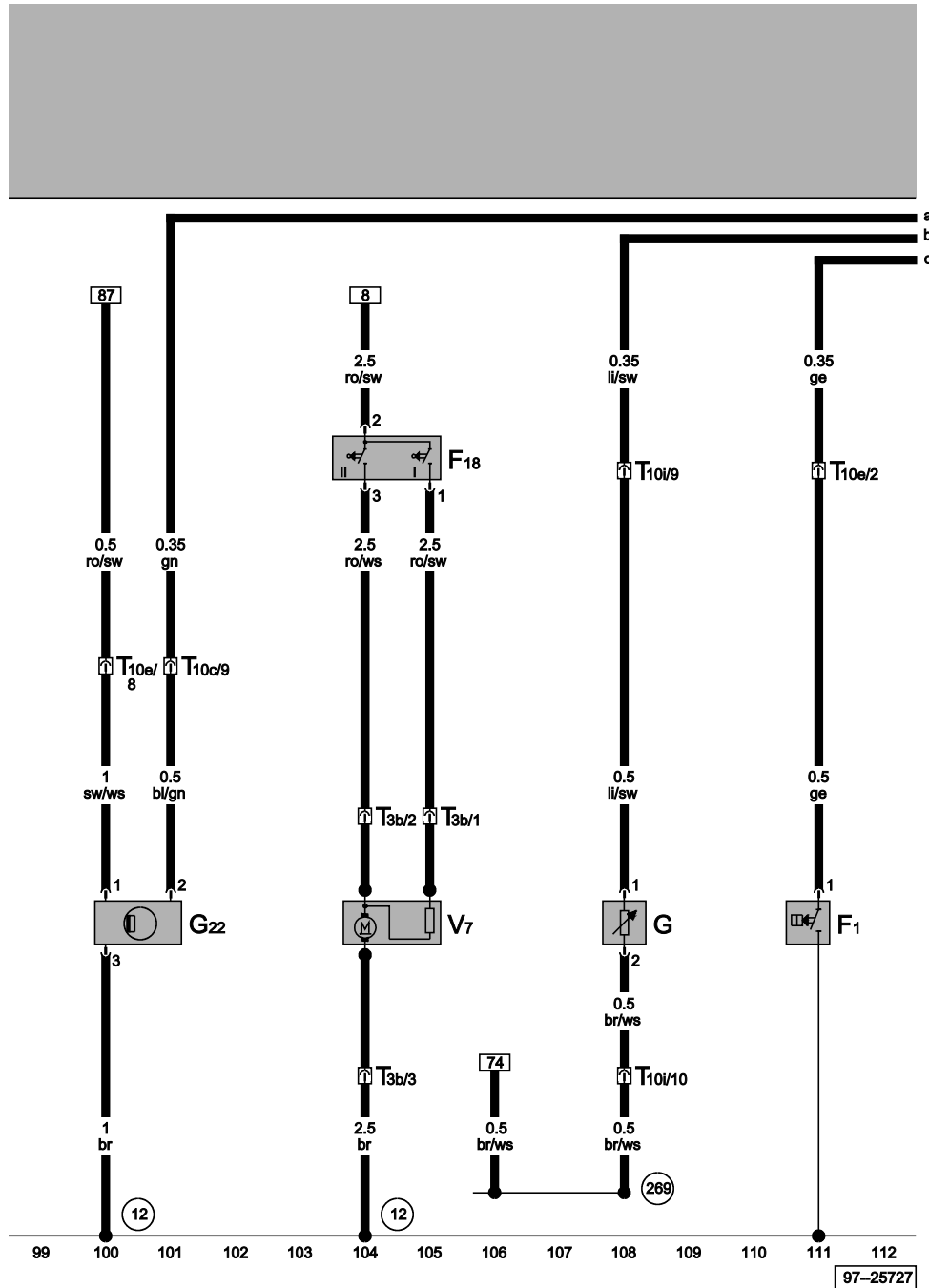


Diesel direct injection system control unit, fuel shut-off control unit (crash), brake light switch, clutch pedal switch for warning buzzer, cruise control system brake pedal switch (diesel direct injection system), fuel shut-off valve

- F Brake light switch
- F36 Clutch pedal switch
- F47 Cruise control system brake pedal switch (diesel direct injection system)
- J234 Airbag control unit
- J248 Diesel direct injection system control unit
- J491 Fuel shut-off control unit (crash)
- M21 Brake and tail light bulb, left
- M22 Brake and tail light bulb, right
- M25 High level brake light bulb
- N109 Fuel shut-off valve
- SB15 Fuse -15- on fuse box
- SB28 Fuse -28- on fuse box
- SB32 Fuse -32- on fuse box
- T10a 10-pin connector, black, in protective housing for connectors
- T10f 10-pin connector, purple, in protective housing for connectors
- T50 50-pin connector
- T80 80-pin connector
- T10g 10-pin connector, red, in protective housing for connectors
- T10y 10-pin connector, blue, A pillar, left

- 109 Earth connection, in airbag wiring harness
- A2 Positive (+) connection (15), in dash panel wiring harness
- A98 Positive (+) connection -4- (30), in dash panel wiring harness
- A125 Connection (crash signal), in dash panel wiring harness
- D52 Positive (+) connection (15a), in engine compartment wiring harness
- D73 Positive (+) connection (54), in engine compartment wiring harness
- * Does not apply to airbag
- ** Only models with airbag

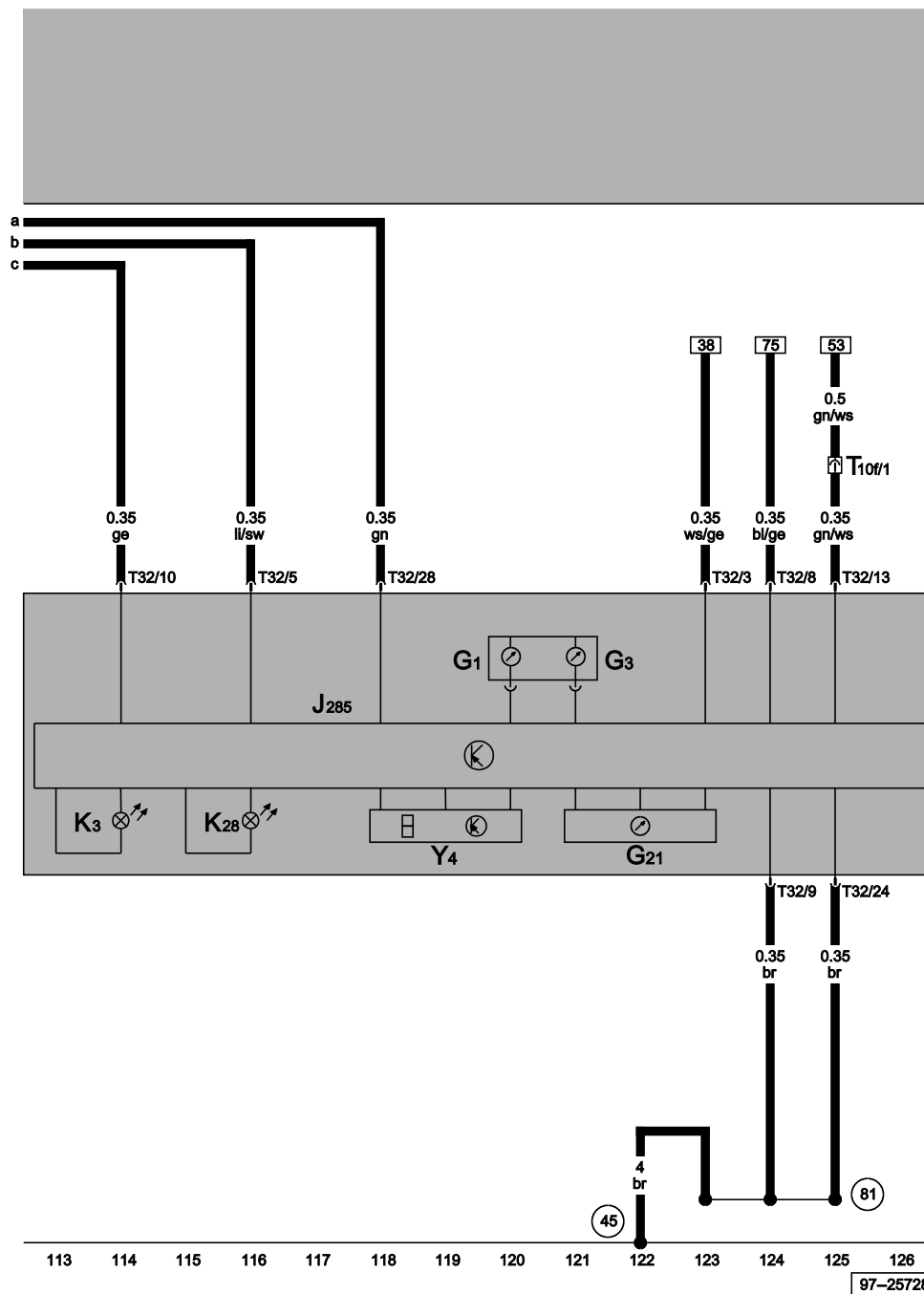
ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink



Radiator fan thermo-switch, oil pressure switch, fuel gauge sender, speedometer sender (hall sender, on gearbox)

- F1 Oil pressure switch
- F18 Radiator fan thermo-switch
- G Fuel gauge sender
- G22 Speedometer sender (Hall sender, on gearbox)
- T3b 3-pin connector, in engine compartment, front left
- T10c 10-pin connector, brown, in protective housing for connectors
- T10e 10-pin connector, green, in protective housing for connectors
- T10i 10-pin connector, orange, in protective housing for connectors
- V7 Radiator fan
- 12 Earth point, in engine compartment, left
- 269 Earth connection (sender earth) -1-, in dash panel wiring harness

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



Control unit with display in dash panel insert, fuel gauge, coolant temperature gauge, speedometer, oil pressure warning lamp, coolant temperature/coolant shortage warning lamp odometer display

- G1 Fuel gauge
- G3 Coolant temperature gauge
- G21 Speedometer
- J285 Control unit with display in dash panel insert
- K3 Oil pressure warning lamp
- K28 Coolant temperature/coolant shortage warning lamp
- T10f 10-pin connector, purple, in protective housing for connectors
- T32 32-pin connector, blue
- Y4 Odometer display
- 45 Earth point, behind dash panel - centre
- 81 Earth connection -1-, in dash panel wiring harness

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

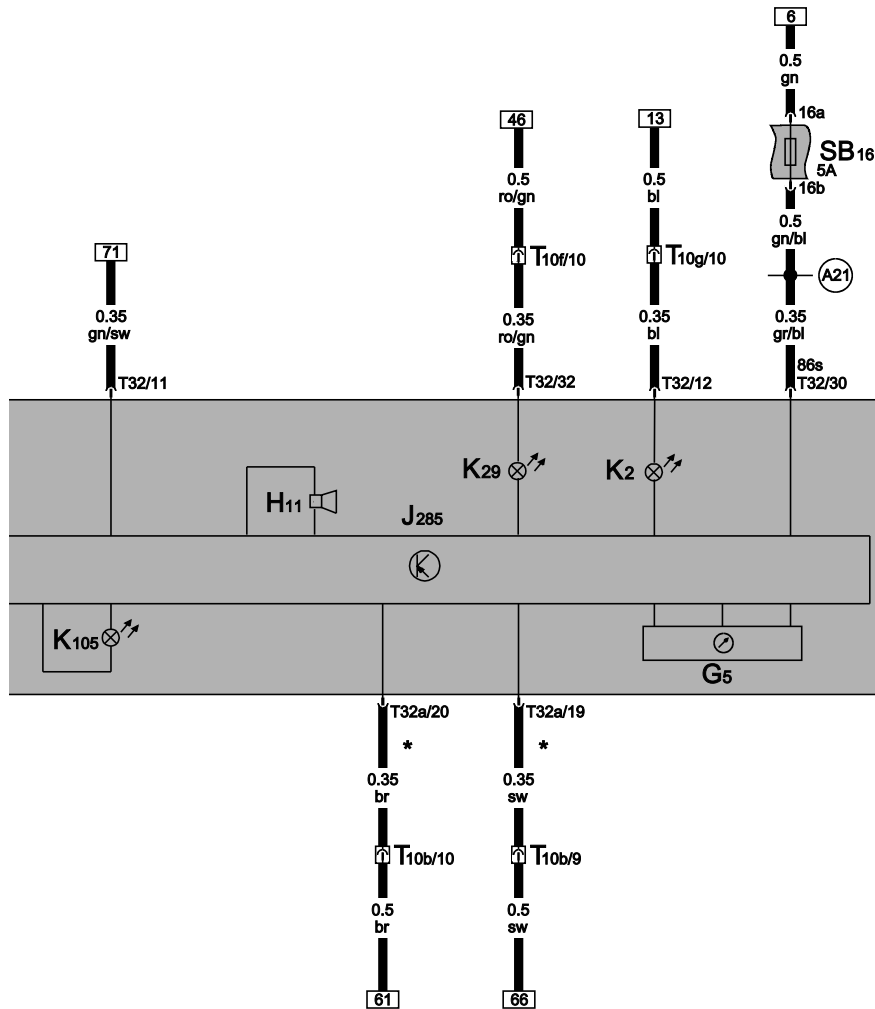


Control unit with display in dash panel insert, rev. counter, oil pressure warning buzzer, alternator warning lamp

- G5 Rev. counter
- H11 Oil pressure warning buzzer
- J285 Control unit with display in dash panel insert
- K2 Alternator warning lamp
- K29 Glow period warning lamp
- K105 Reserve fuel warning lamp
- SB16 Fuse -16- on fuse box
- T10b 10-pin connector, white, in protective housing for connectors
- T10f 10-pin connector, purple, in protective housing for connectors
- T10g 10-pin connector, red, in protective housing for connectors
- T32 32-pin connector, blue
- T32a 32-pin connector, green

A21 Connection (86s), in dash panel wiring harness

* Data wire



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

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

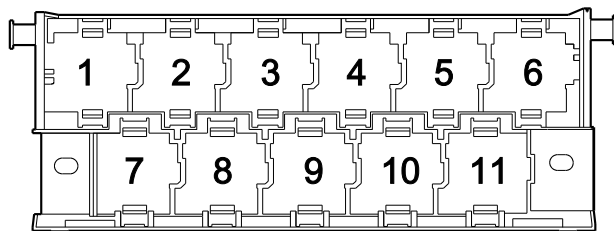
97-25719

1.6 l /55 kW Motronic, engine codes ALM

From October 1999

For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.

Relay locations on relay plate:



97-22850

2 - Fuel pump relay (167)

4 - Fuel shut-off control unit (405)

6 - X contact relief relay (100)



Note:

♦ *The number in brackets behind the part designation denotes the control number on the housing.*

Fuse colours

30 A - green

25 A - white

20 A - yellow

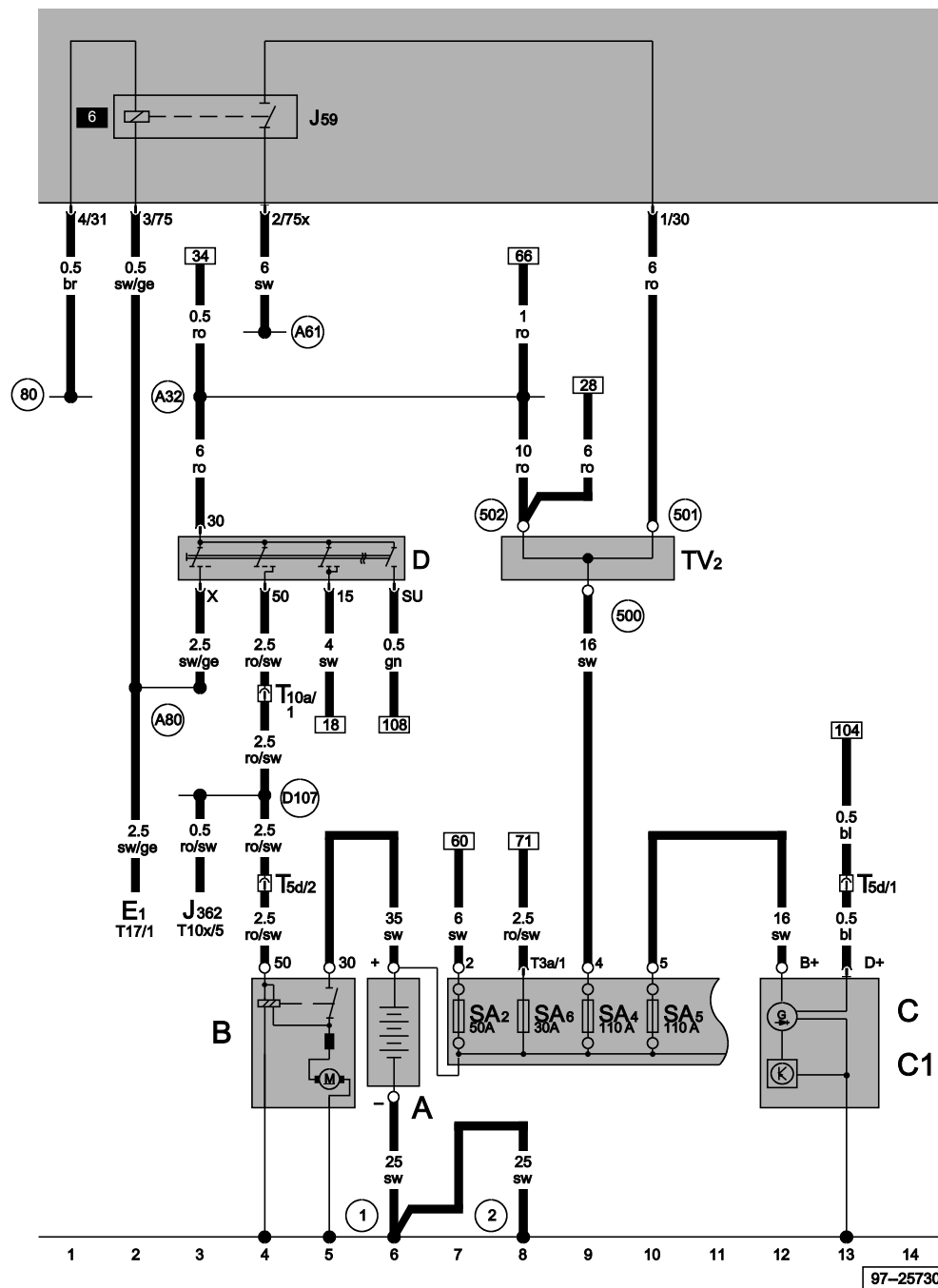
15 A - blue

10 A - red

7.5 A - brown

5 A - beige

3 A - purple

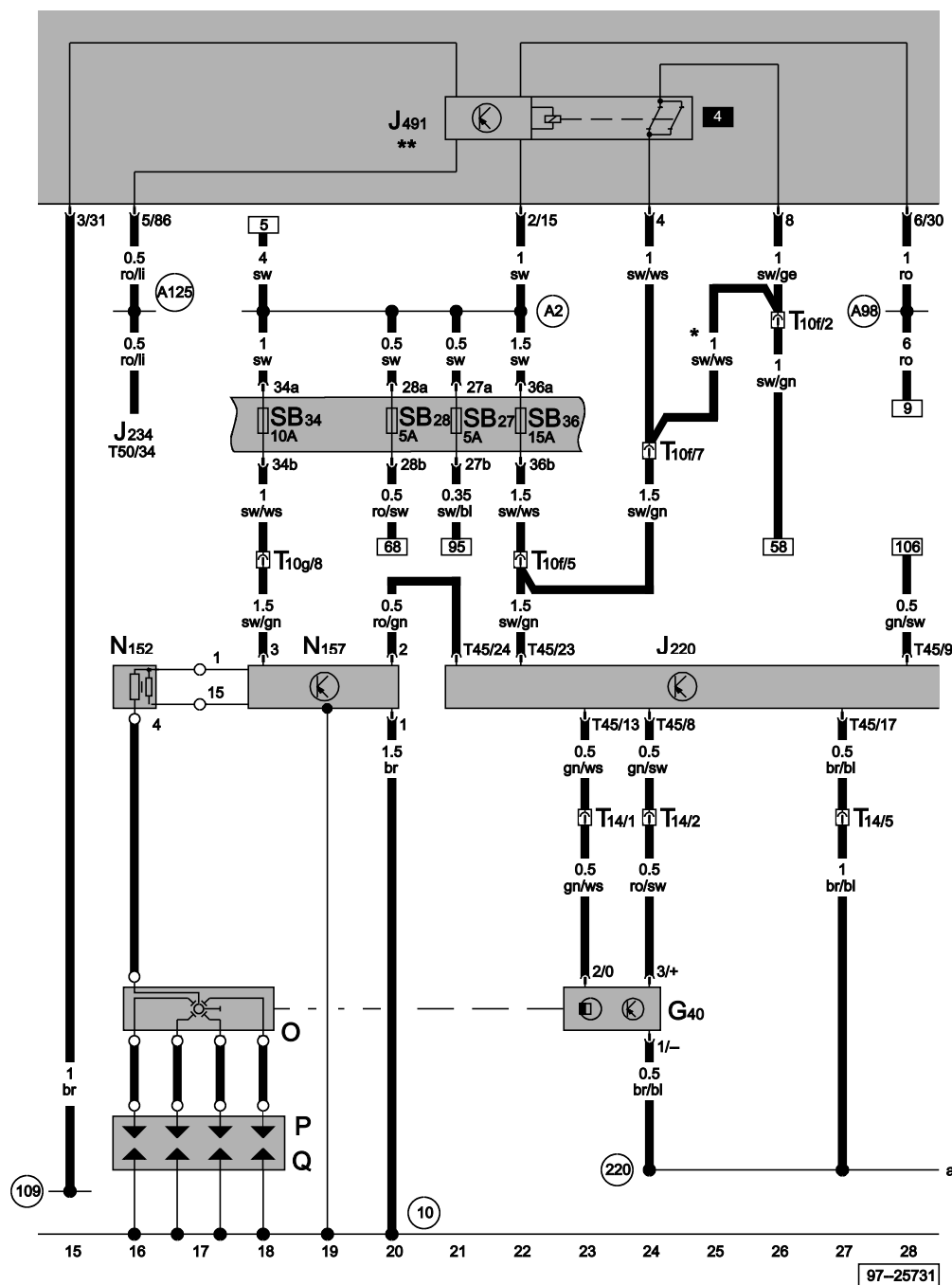


Battery, starter, alternator, voltage regulator, ignition/starter switch, terminal 30 junction box

- A Battery
- B Starter
- C Alternator
- C1 Voltage regulator
- D Ignition/starter switch
- E1 Lighting switch
- J59 X contact relief relay
- J362 Immobilizer control unit
- SA2 Fuse -2- on battery fuse box
- SA4 Fuse -4- on battery fuse box
- SA5 Fuse -5- on battery fuse box
- SA6 Fuse -6- on battery fuse box
- TV2 Terminal 30 junction box
- T3a 3-pin connector, in battery
- T5d 5-pin connector, in engine, near gearbox
- T10a 10-pin connector, black, in protective housing for connectors
- T10x 10-pin connector
- T17 17-pin connector

- 1 Earth strap, battery - body
- 2 Earth strap, gearbox - body
- 80 Earth connection -1-, in instruments wiring harness
- 500 Screw connection -1- (30), on relay plate
- 501 Screw connection -2- (30), on relay plate
- 502 Screw connection -1- (30a), on relay plate
- A32 Positive (+) connection (30), in dash panel wiring harness
- A61 Positive (+) connection (X), in instruments wiring harness
- A80 Connection -1- (X), in dash panel wiring harness
- D107 Connection -5-, in engine compartment wiring harness

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



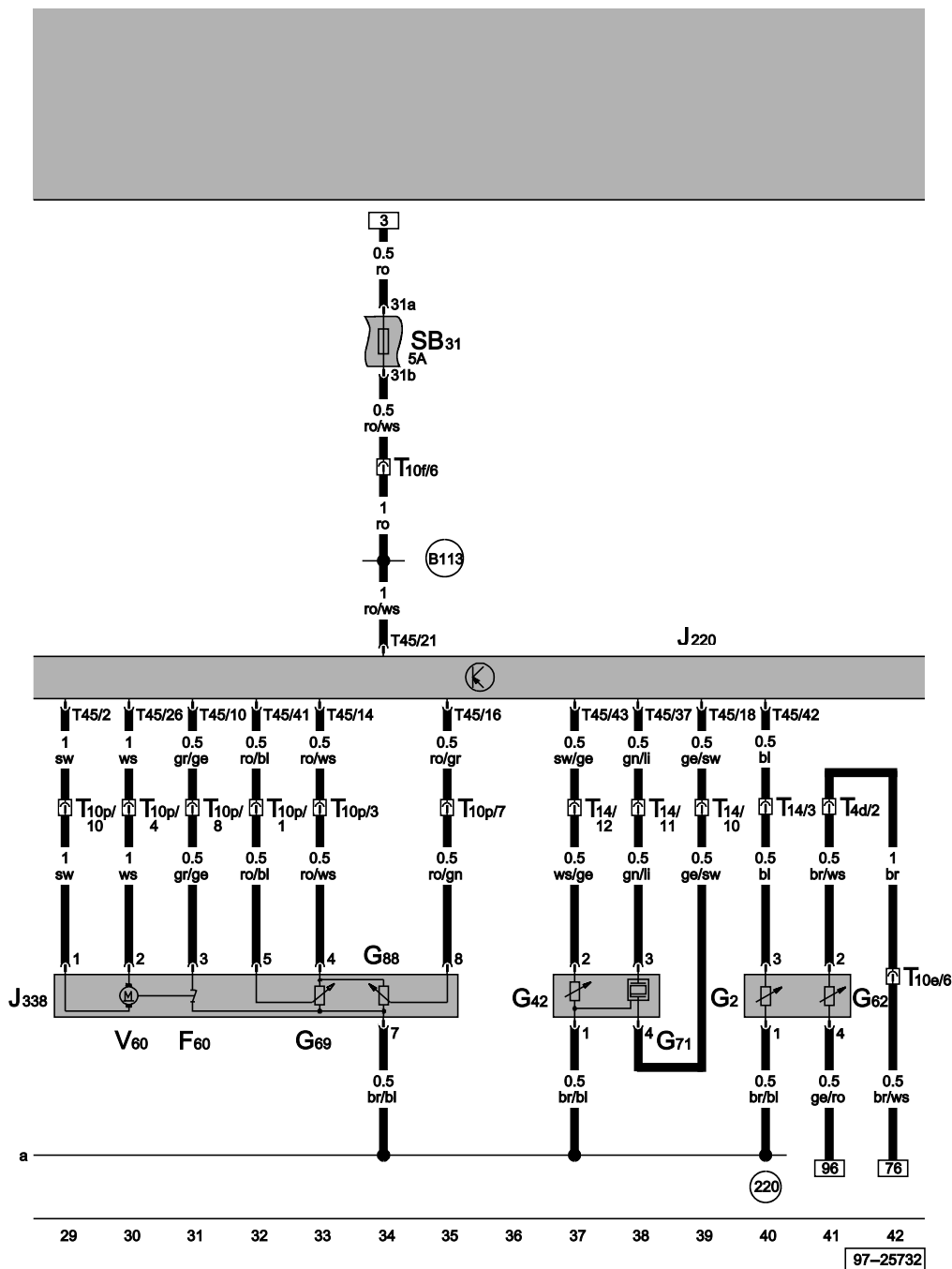
Motronic control unit, hall sender, ignition transformer, ignition transformer output stage, ignition distributor, spark plug connector, spark plugs, fuel shut-off control unit (crash)

- G40 Hall sender
- J220 Motronic control unit
- J234 Airbag control unit
- J491 Fuel shut-off control unit (crash)
- N152 Ignition transformer
- N157 Ignition transformer output stage
- O Ignition distributor
- P Spark plug connector
- Q Spark plugs
- SB27 Fuse -27- on fuse box
- SB28 Fuse -28- on fuse box
- SB34 Fuse -34- on fuse box
- SB36 Fuse -36- on fuse box
- T10f 10-pin connector, purple, in protective housing for connectors
- T10g 10-pin connector, red, in protective housing for connectors
- T14 14-pin connector, in engine
- T45 45-pin connector
- T50 50-pin connector

- 10 Earth point, in plenum chamber
- 109 Earth connection, in airbag wiring harness
- 220 Earth connection (sender earth), in engine wiring harness
- A2 Positive (+) connection (15), in dash panel wiring harness
- A98 Positive (+) connection -4- (30), in dash panel wiring harness
- A125 Connection (crash signal), in dash panel wiring harness

* Does not apply to airbag
** Only models with airbag

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



Motronic control unit, throttle valve control unit, throttle valve positioner, idling switch, coolant temperature sender, intake air temperature sender, intake manifold pressure sender

- F60 Idling switch
- G2 Coolant temperature sender
- G42 Intake air temperature sender
- G62 Coolant temperature sender
- G69 Throttle valve potentiometer
- G71 Intake manifold pressure sender
- G88 Throttle valve positioner potentiometer
- J220 Motronic control unit
- J338 Throttle valve control unit
- SB31 Fuse -31- on fuse box
- T4d 4-pin connector, in engine
- T10e 10-pin connector, green, in protective housing for connectors
- T10f 10-pin connector, purple, in protective housing for connectors
- T10p 10-pin connector, in engine
- T14 14-pin connector, in engine
- T45 45-pin connector
- V60 Throttle valve positioner
- 220 Earth connection (sender earth), in engine wiring harness
- B113 Positive (+) connection (30a), in left interior wiring harness

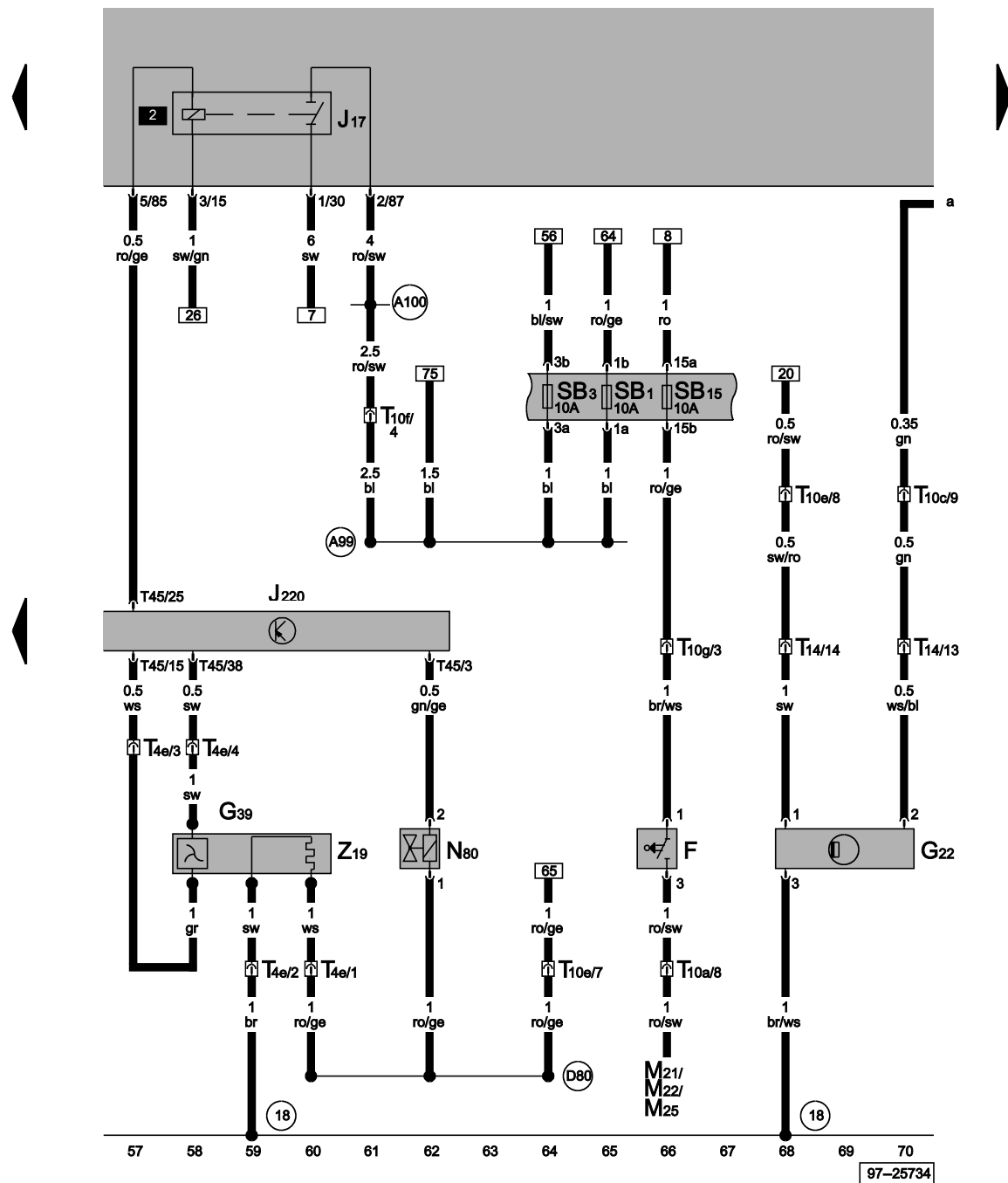
ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink



G61	Knock sensor I
J220	Motronic control unit
J362	Immobilizer control unit
N30	Injector, cylinder 1
N31	Injector, cylinder 2
N32	Injector, cylinder 3
N33	Injector, cylinder 4
T2a	2-pin connector, in engine
T4d	4-pin connector, in engine
T10c	10-pin connector, brown, in protective housing for connectors
T10p	10-pin connector, in engine
T10x	10-pin connector
T14	14-pin connector, in engine
T45	45-pin connector
10	Earth point, in plenum chamber
D95	Connection (injectors), in engine compartment wiring harness



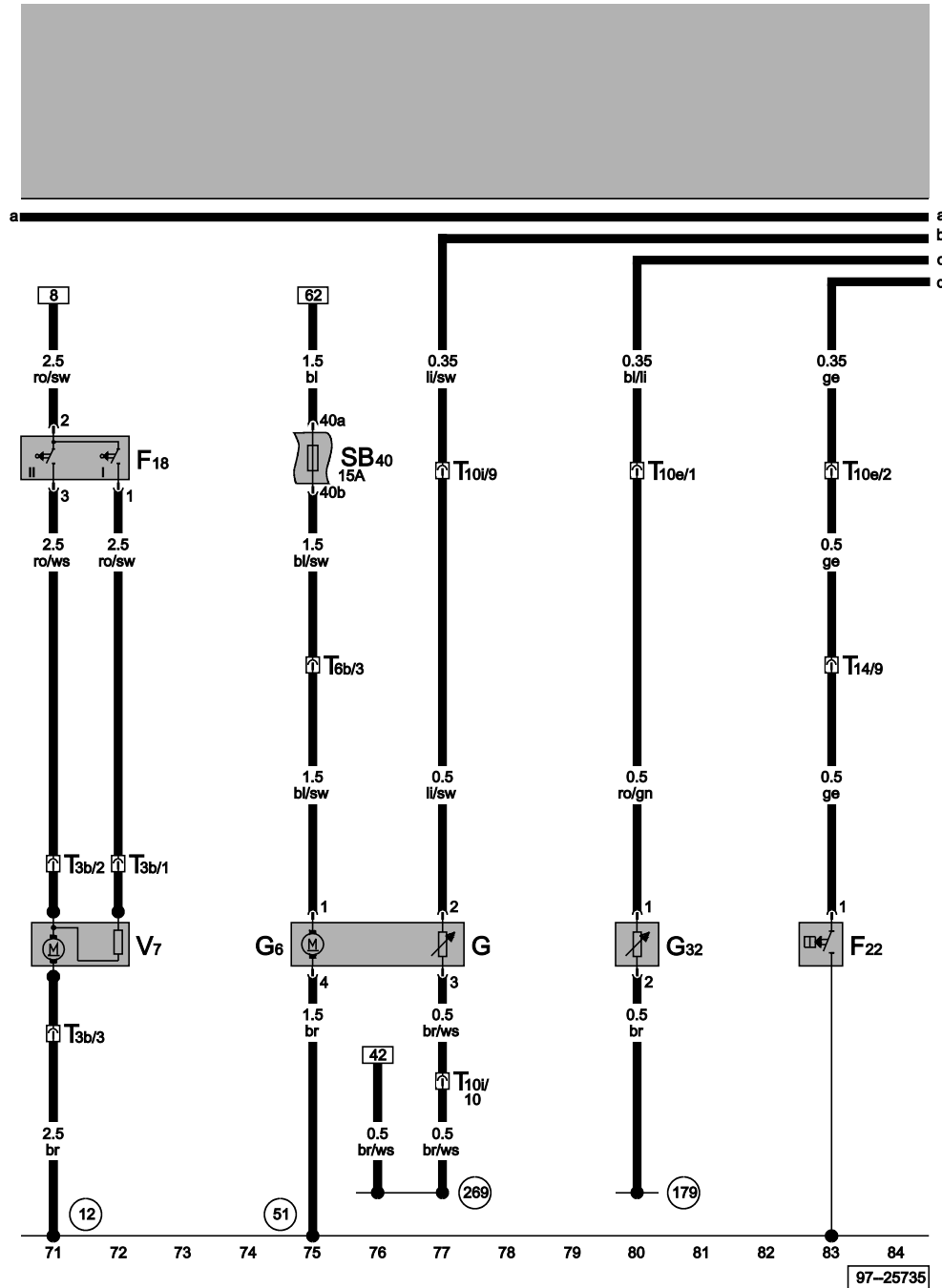
97-25733



Motronic control unit, brake light switch, speedometer sender (hall sender, on gearbox), lambda probe, activated charcoal filter system solenoid valve 1 (pulsed), lambda probe heater, fuel pump relay

- F Brake light switch
- G22 Speedometer sender (Hall sender, on gearbox)
- G39 Lambda probe
- J17 Fuel pump relay
- J220 Motronic control unit
- M21 Brake and tail light bulb, left
- M22 Brake and tail light bulb, right
- M25 High level brake light bulb
- N80 Activated charcoal filter system solenoid valve 1 (pulsed)
- SB1 Fuse -1- on fuse box
- SB3 Fuse -3- on fuse box
- SB15 Fuse -15- on fuse box
- T4e 4-pin connector, in engine
- T10a 10-pin connector, black, in protective housing for connectors
- T10c 10-pin connector, brown, in protective housing for connectors
- T10e 10-pin connector, green, in protective housing for connectors
- T10f 10-pin connector, purple, in protective housing for connectors
- T10g 10-pin connector, red, in protective housing for connectors
- T14 14-pin connector, in engine
- T45 45-pin connector
- Z19 Lambda probe heater

- 18 Earth point, on engine block
- A99 Connection -1- (87), in dash panel wiring harness
- A100 Connection -2- (87), in dash panel wiring harness
- D80 Positive (+) connection (87a - for active charcoal filter system solenoid), in engine compartment wiring harness

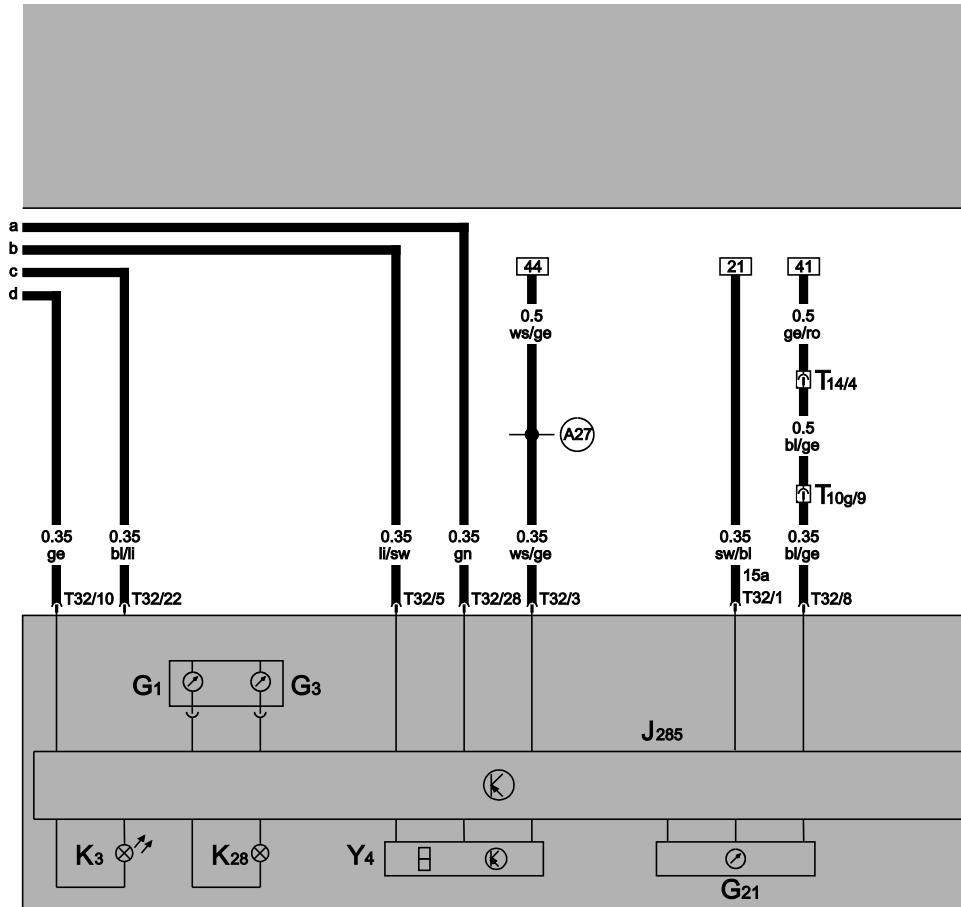


Radiator fan thermo-switch, oil pressure switch (0.3 bar), fuel gauge sender, fuel pump (pre-supply pump), coolant shortage indicator sender

- F18 Radiator fan thermo-switch
- F22 Oil pressure switch (0.3 bar)
- G Fuel gauge sender
- G6 Fuel pump (pre-supply pump)
- G32 Coolant shortage indicator sender
- SB40 Fuse -40- on fuse box
- T3b 3-pin connector, in engine compartment, front left
- T6b 6-pin connector, grey, in protective housing for connectors
- T10e 10-pin connector, green, in protective housing for connectors
- T10i 10-pin connector, orange, in protective housing for connectors
- T14 14-pin connector, in engine
- V7 Radiator fan

- 12 Earth point, in engine compartment, left
- 51 Earth point, in right luggage compartment
- 179 Earth connection, in left headlight wiring harness
- 269 Earth connection (sender earth) -1-, in dash panel wiring harness

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



Control unit with display in dash panel insert, fuel gauge, coolant temperature gauge, speedometer, oil pressure warning lamp, coolant temperature/coolant shortage warning lamp

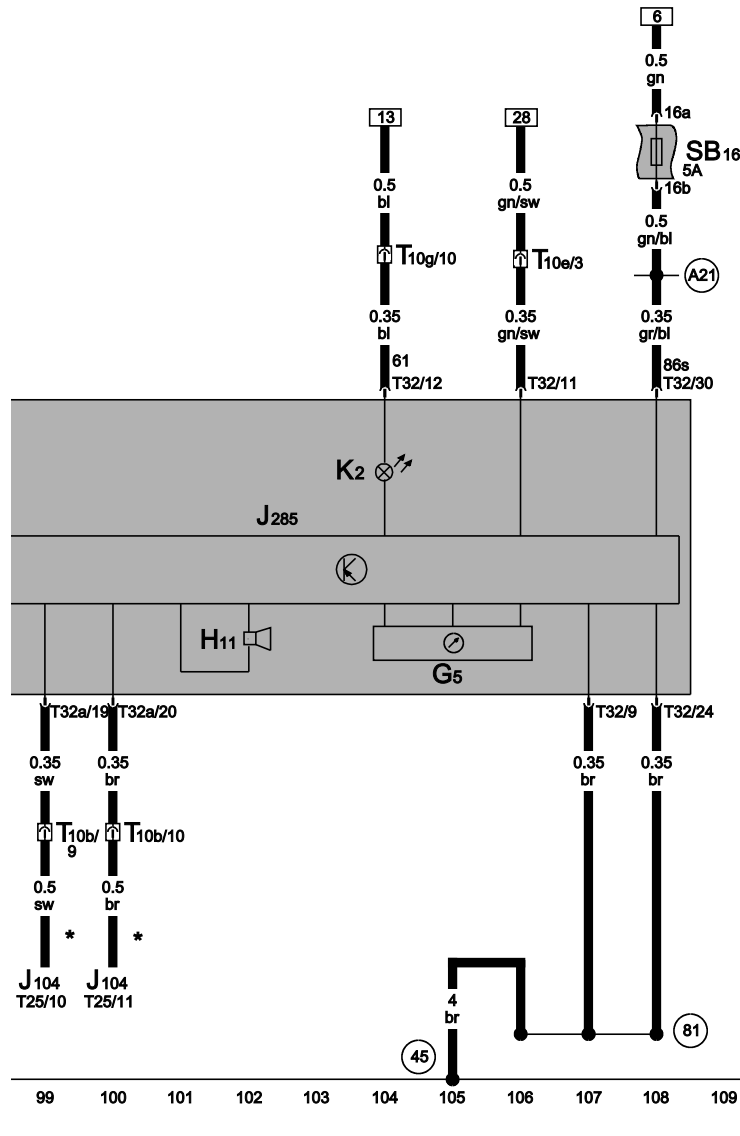
- G1 Fuel gauge
- G3 Coolant temperature gauge
- G21 Speedometer
- J285 Control unit with display in dash panel insert
- K3 Oil pressure warning lamp
- K28 Coolant temperature/coolant shortage warning lamp
- T10g 10-pin connector, red, in protective housing for connectors
- T14 14-pin connector, in engine
- T32 32-pin connector, blue
- Y4 Odometer display
- A27 Connection (speed signal), in dash panel wiring harness

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

Control unit with display in dash panel insert, rev. counter, oil pressure warning buzzer, alternator warning lamp

- G5 Rev. counter
- H11 Oil pressure warning buzzer
- J104 ABS with EDL control unit
- J285 Control unit with display in dash panel insert
- K2 Alternator warning lamp
- SB16 Fuse -16- on fuse box
- T10b 10-pin connector, white, in protective housing for connectors
- T10e 10-pin connector, green, in protective housing for connectors
- T10g 10-pin connector, red, in protective housing for connectors
- T25 25-pin connector
- T32 32-pin connector, blue

- 45 Earth point, behind dash panel - centre
- 81 Earth connection -1-, in dash panel wiring harness
- A21 Connection (86s), in dash panel wiring harness
- * Data wire



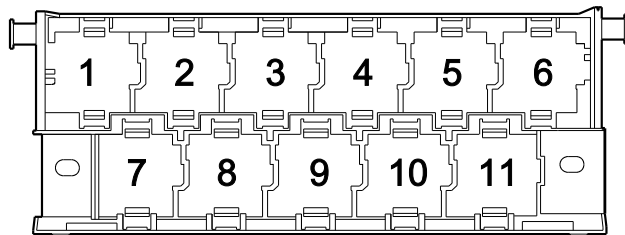
ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink

1.6 I Simos/74 kW, engine codes APF

From October 1999

For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.

Relay locations on relay plate:



97-25507

- 2 - Fuel pump relay (167)
- 4 - Fuel shut-off control unit (405)
- 5 - Secondary air pump relay (100)
- 6 - X contact relief relay (100)
- 7 - Current supply relay for Simos control unit

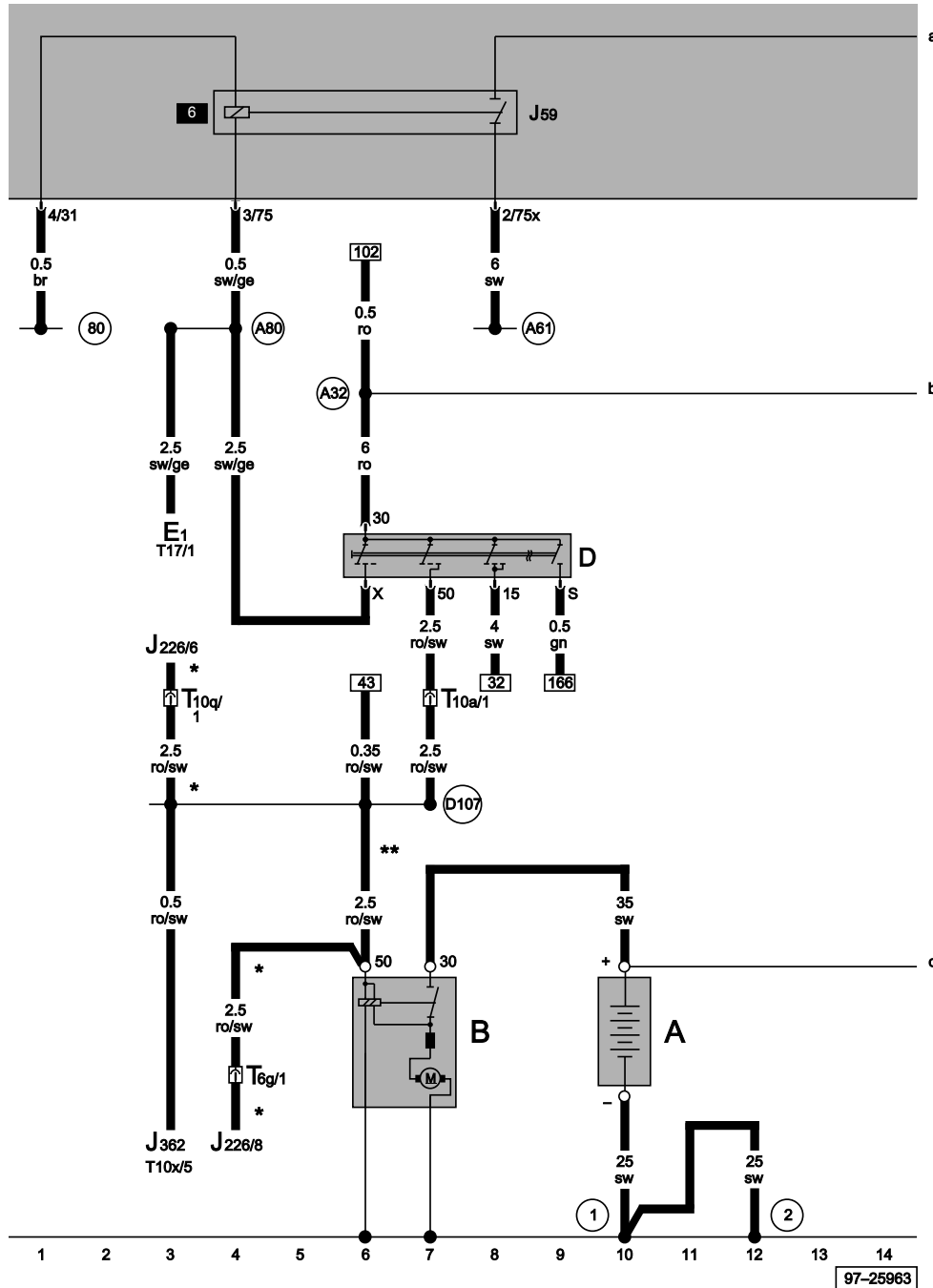


Note:

- ♦ *The number in brackets behind the part designation denotes the control number on the housing.*

Fuse colours

- 30 A - green
- 25 A - white
- 20 A - yellow
- 15 A - blue
- 10 A - red
- 7.5 A - brown
- 5 A - beige
- 3 A - purple



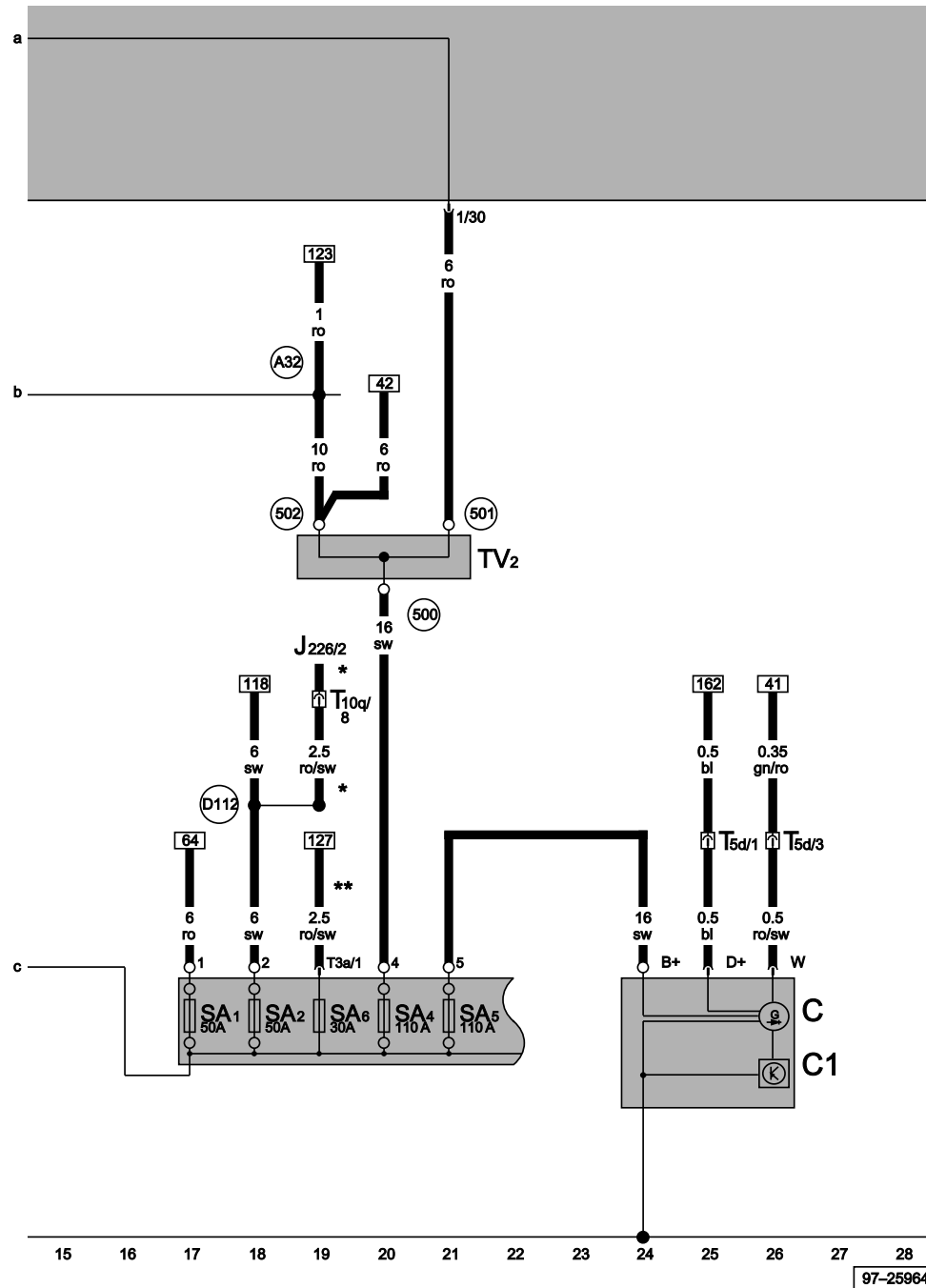
Battery, starter, ignition/starter switch, X contact relief relay

- A Battery
- B Starter
- D Ignition/starter switch
- E1 Lighting switch
- J59 X contact relief relay
- J226 Starter inhibitor and reversing light relay
- J362 Immobilizer control unit
- T6g 6-pin connector, black, in protective housing for connectors
- T10a 10-pin connector, black, in protective housing for connectors
- T10q 10-pin connector, blue, in protective housing for connectors
- T10x 10-pin connector
- T17 17-pin connector

- 1 Earth strap, battery - body
- 2 Earth strap, gearbox - body
- 80 Earth connection -1-, in instruments wiring harness
- A32 Positive (+) connection (30), in dash panel wiring harness
- A61 Positive (+) connection (X), in instruments wiring harness
- A80 Connection -1- (X), in dash panel wiring harness
- D107 Connection -5-, in engine compartment wiring harness

- * Only models with automatic gearbox
- ** Only models with manual gearbox

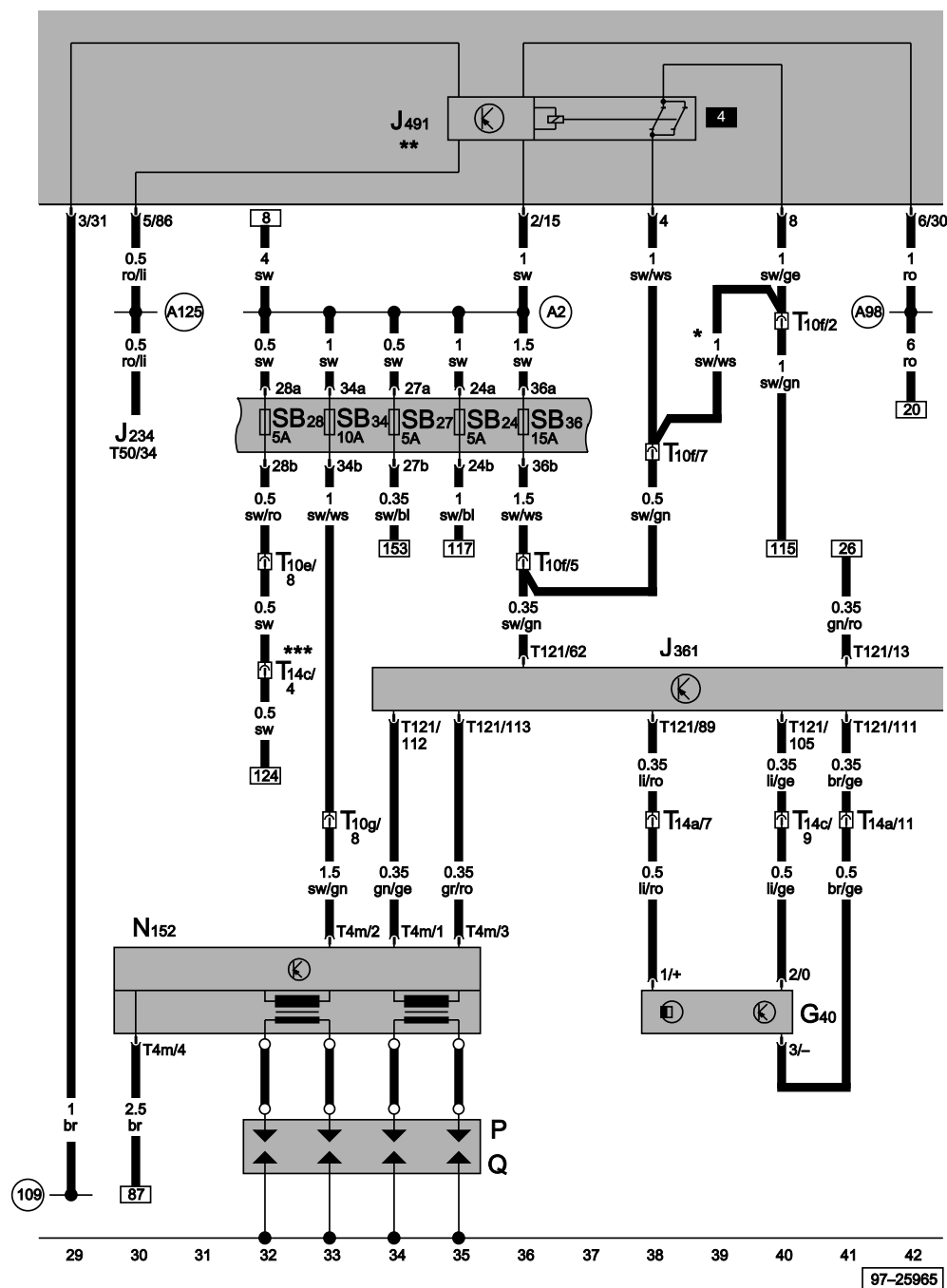
ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink



Alternator, voltage regulator, terminal 30 junction box

- C Alternator
- C1 Voltage regulator
- J226 Starter inhibitor and reversing light relay
- SA1 Fuse -1- on battery fuse box
- SA2 Fuse -2- on battery fuse box
- SA4 Fuse -4- on battery fuse box
- SA5 Fuse -5- on battery fuse box
- SA6 Fuse -6- on battery fuse box
- TV2 Terminal 30 junction box
- T3a 3-pin connector, in battery
- T5d 5-pin connector, in engine, near gearbox
- T10q 10-pin connector, blue, in protective housing for connectors
- 500 Screw connection -1- (30), on relay plate
- 501 Screw connection -2- (30), on relay plate
- 502 Screw connection -1- (30a), on relay plate
- A32 Positive (+) connection (30), in dash panel wiring harness
- D112 Connection -10-, in engine compartment wiring harness
- * Only models with automatic gearbox
- ** Only models with manual gearbox

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

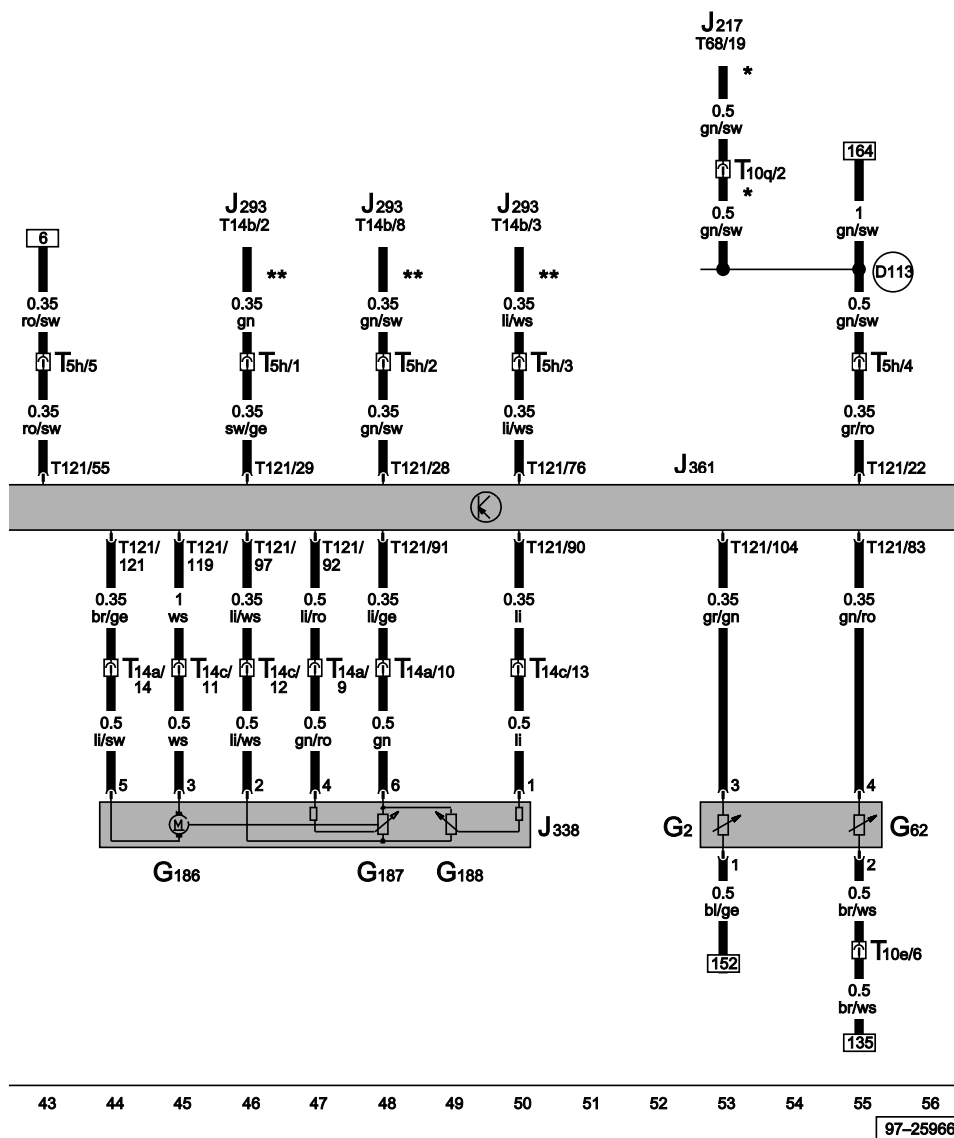


Simos control unit, hall sender, ignition transformer, spark plug connector, spark plugs, fuel shut- off control unit (crash)

- G40 Hall sender
- J234 Airbag control unit
- J361 Simos control unit
- J491 Fuel shut-off control unit (crash)
- N152 Ignition transformer
- P Spark plug connector
- Q Spark plugs
- SB24 Fuse -24- on fuse box
- SB27 Fuse -27- on fuse box
- SB28 Fuse -28- on fuse box
- SB34 Fuse -34- on fuse box
- SB36 Fuse -36- on fuse box
- T4m 4-pin connector, yellow, in ignition transformer
- T10e 10-pin connector, green, in protective housing for connectors
- T10f 10-pin connector, purple, in protective housing for connectors
- T10g 10-pin connector, red, in protective housing for connectors
- T14a 14-pin connector, in engine
- T14c 14-pin connector, in engine
- T50 50-pin connector
- T121 121-pin connector

- 109 Earth connection, in airbag wiring harness
- A2 Positive (+) connection (15), in dash panel wiring harness
- A98 Positive (+) connection -4- (30), in dash panel wiring harness
- A125 Connection (crash signal), in dash panel wiring harness
- * Does not apply to airbag
- ** Only models with airbag
- *** Connector T14c, only models with automatic gearbox

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



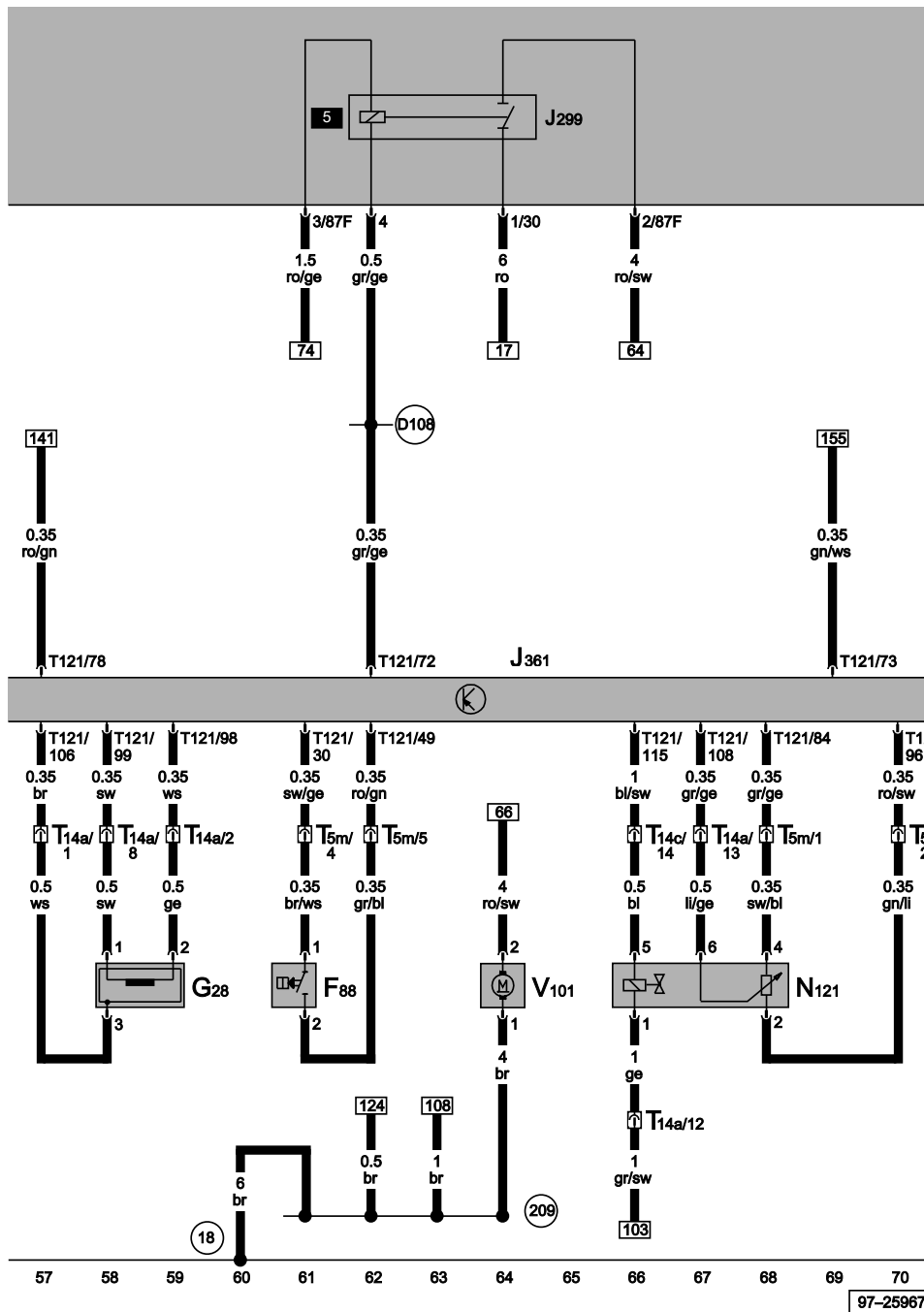
Simos control unit, throttle valve control unit, coolant temperature sender, throttle valve drive (electric throttle operation)

- G2 Coolant temperature sender
- G62 Coolant temperature sender
- G186 Throttle valve drive (electric throttle operation)
- G187 Throttle valve drive angle sender -1- (electric throttle operation)
- G188 Throttle valve drive angle sender -2- (electric throttle operation)
- J217 Automatic gearbox control unit
- J293 Radiator fan control unit
- J338 Throttle valve control unit
- J361 Simos control unit
- T5h 5-pin connector, brown, in protective housing for connectors
- T10e 10-pin connector, green, in protective housing for connectors
- T10q 10-pin connector, blue, in protective housing for connectors
- T14a 14-pin connector, in engine
- T14b 14-pin connector, in engine compartment, left
- T14c 14-pin connector, in engine
- T68 68-pin connector
- T121 121-pin connector

D113 Connection -11-, in engine compartment wiring harness

- * Only models with automatic gearbox
- ** Only models with air conditioner

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



Simos control unit, power assisted steering pressure switch, engine speed sender, exhaust gas recirculation frequency valve, secondary air pump motor

- F88 Power assisted steering pressure switch
- G28 Engine speed sender
- J299 Secondary air pump relay
- J361 Simos control unit
- N121 Exhaust gas recirculation frequency valve
- T5m 5-pin connector, in engine
- T14a 14-pin connector, in engine
- T14c 14-pin connector, in engine
- T121 121-pin connector
- V101 Secondary air pump motor

- 18 Earth point, on engine block
- 209 Earth connection -6-, in engine compartment wiring harness
- D108 Connection -6-, in engine compartment wiring harness



Simos control unit, knock sensor I, air mass meter, accelerator pedal position sender, secondary air inlet valve

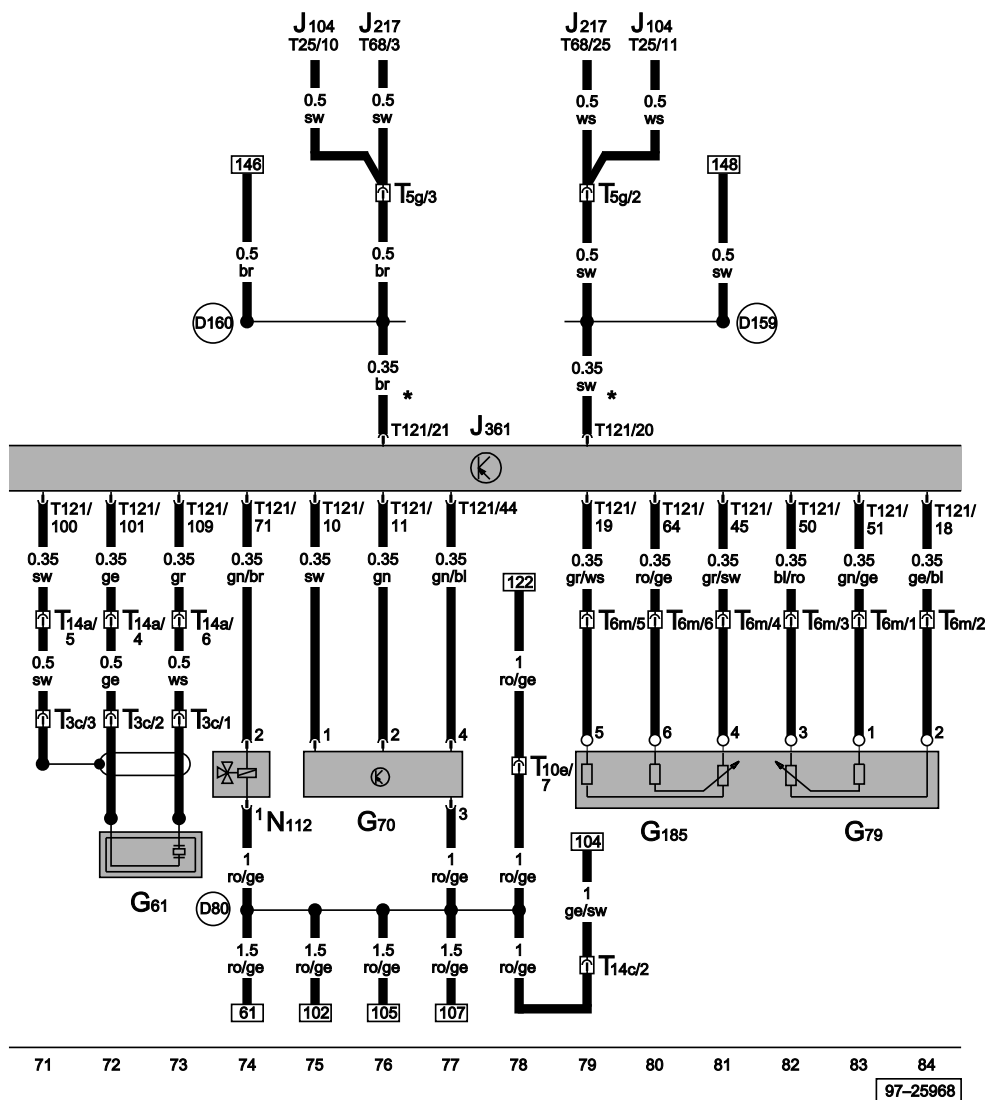
- G61 Knock sensor I
- G70 Air mass meter
- G79 Accelerator pedal position sender
- G185 Accelerator pedal position sender -2-
- J104 ABS with EDL control unit
- J217 Automatic gearbox control unit
- J361 Simos control unit
- N112 Secondary air inlet valve
- T3c 3-pin connector
- T5g 5-pin connector, pink, in protective housing for connectors
- T6m 6-pin connector
- T10e 10-pin connector, green, in protective housing for connectors
- T14a 14-pin connector, in engine
- T14c 14-pin connector, in engine
- T25 25-pin connector
- T68 68-pin connector
- T121 121-pin connector

D80 Positive (+) connection (87a - for active charcoal filter system solenoid), in engine compartment wiring harness

D159 Positive (+) connection (high bus), in engine compartment wiring harness

D160 Positive (+) connection (low bus), in engine compartment wiring harness

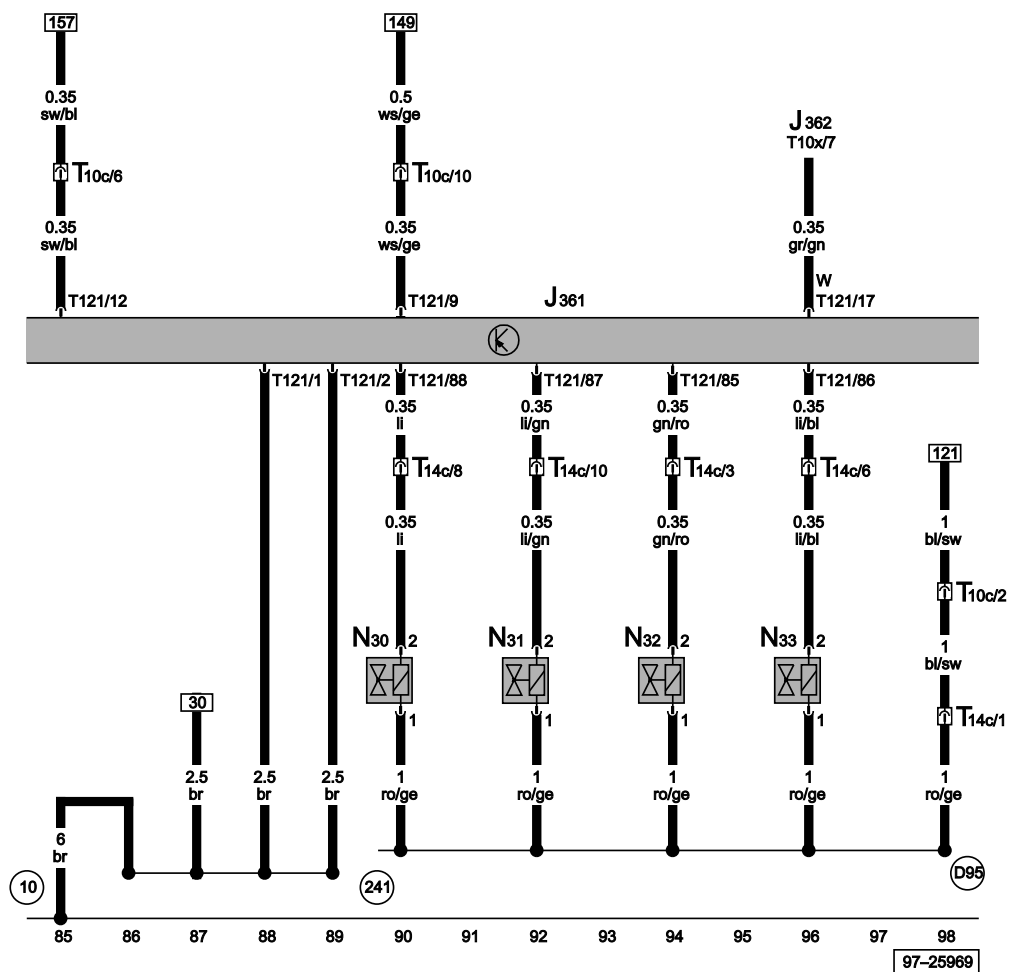
* Data wire



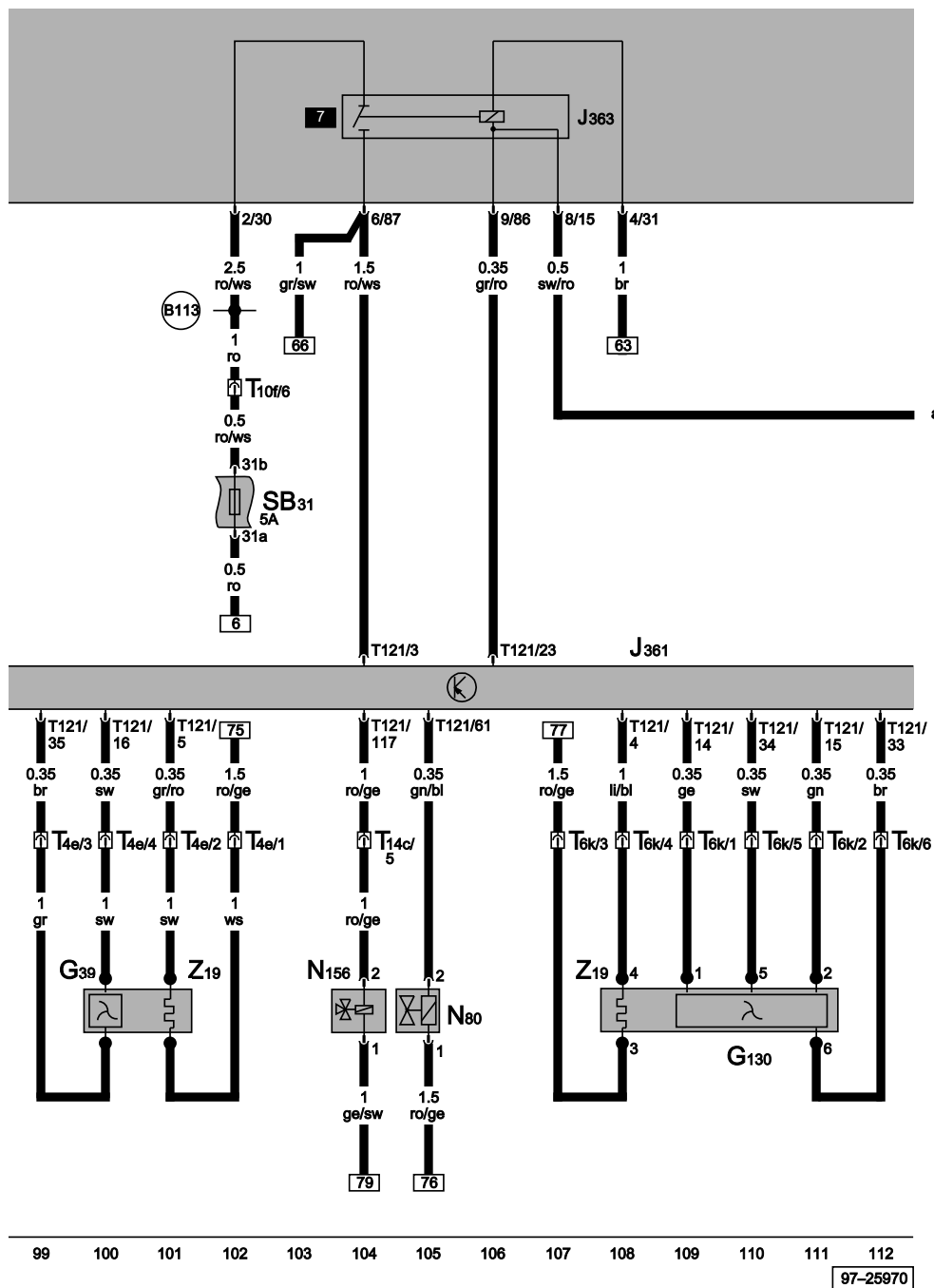
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- sw = black
- ro = red
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- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

Simos control unit, injector cylinder 1

- J361 Simos control unit
- J362 Immobilizer control unit
- N30 Injector, cylinder 1
- N31 Injector, cylinder 2
- N32 Injector, cylinder 3
- N33 Injector, cylinder 4
- T10c 10-pin connector, brown, in protective housing for connectors
- T10x 10-pin connector
- T14c 14-pin connector, in engine
- T121 121-pin connector
- 10 Earth point, in plenum chamber
- 241 Earth connection -2-, engine earth, in engine wiring harness
- D95 Connection (injectors), in engine compartment wiring harness



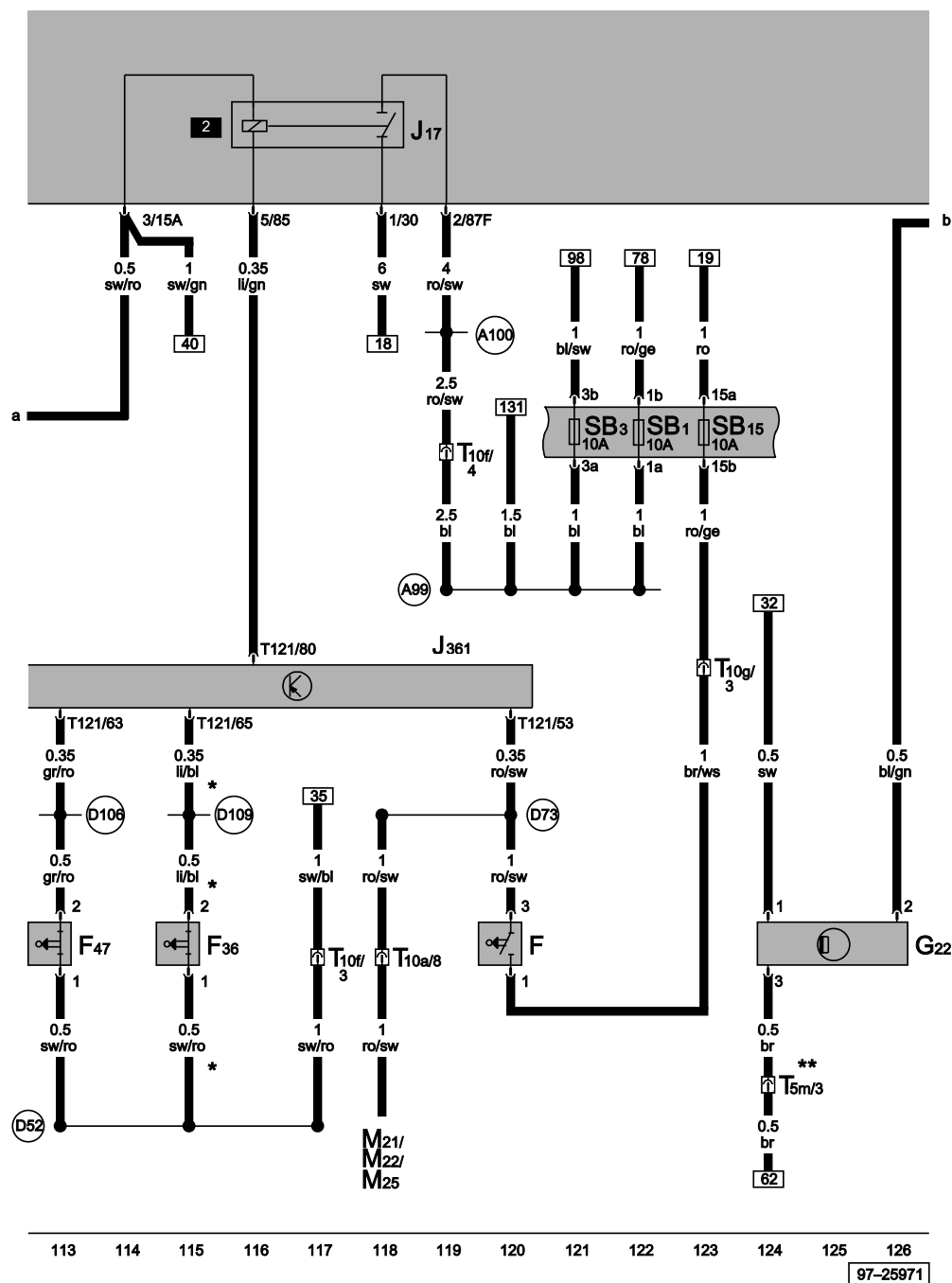
ws = white
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Simos control unit, lambda probe, lambda probe downstream of catalytic converter, lambda probe heater, activated charcoal filter system solenoid valve 1 (pulsed), intake manifold change-over valve, current supply relay for Simos control unit

- G39 Lambda probe
- G130 Lambda probe downstream of catalytic converter
- J361 Simos control unit
- J363 Current supply relay for Simos control unit
- N80 Activated charcoal filter system solenoid valve 1 (pulsed)
- N156 Intake manifold change-over valve
- SB31 Fuse -31- on fuse box
- T4e 4-pin connector, in engine
- T6k 6-pin connector, in exhaust pipe
- T10f 10-pin connector, purple, in protective housing for connectors
- T14c 14-pin connector, in engine
- T121 121-pin connector
- Z19 Lambda probe heater
- B113 Positive (+) connection (30a), in left interior wiring harness

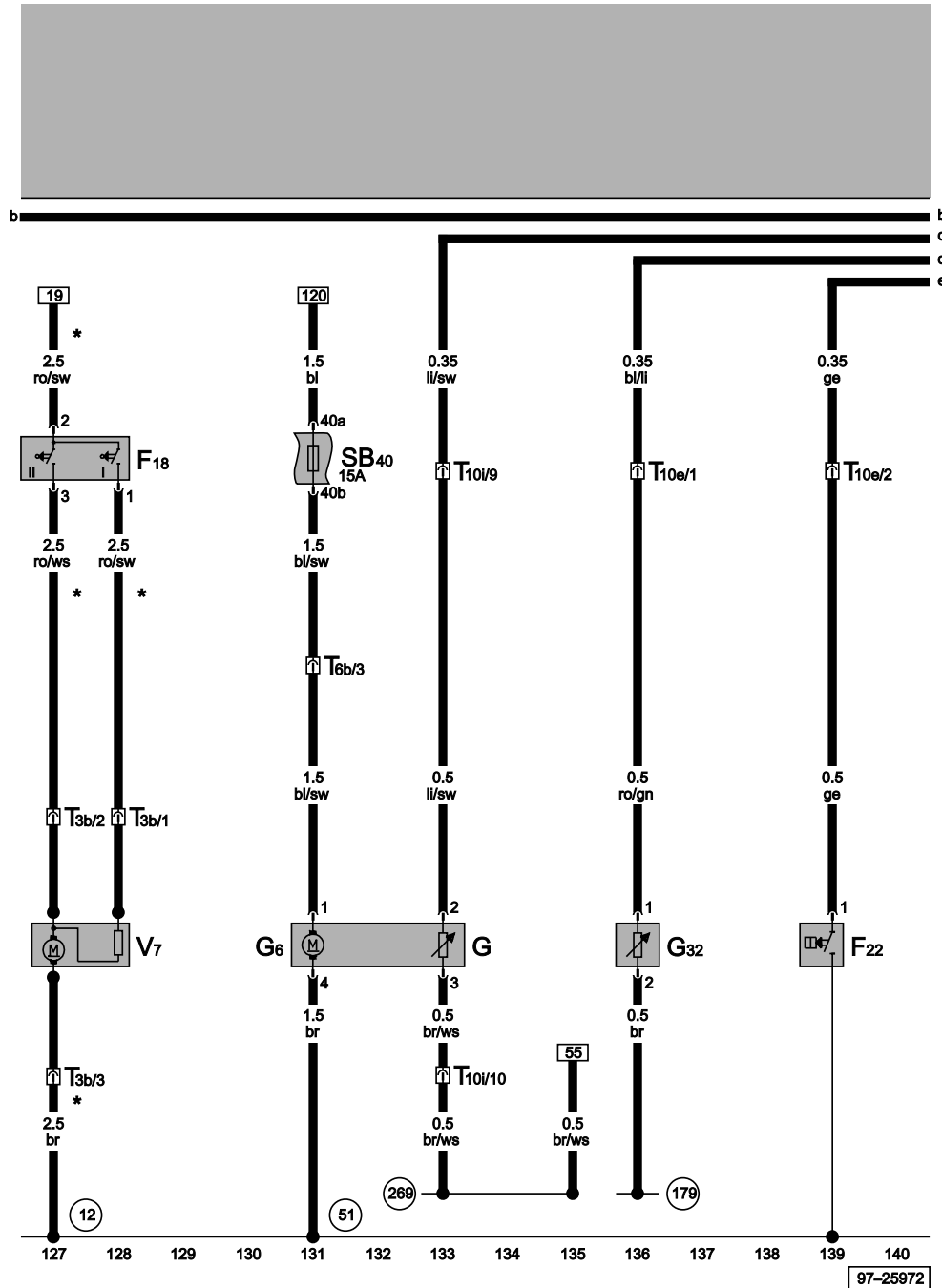
ws = white
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 gn = green
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 rs = pink



Simos control unit, brake light switch, clutch pedal switch, cruise control system brake pedal switch (diesel direct injection system), speedometer sender (hall sender, on gearbox), fuel pump relay

- F Brake light switch
- F36 Clutch pedal switch
- F47 Cruise control system brake pedal switch (diesel direct injection system)
- G22 Speedometer sender (Hall sender, on gearbox)
- J17 Fuel pump relay
- J361 Simos control unit
- M21 Brake and tail light bulb, left
- M22 Brake and tail light bulb, right
- M25 High level brake light bulb
- SB1 Fuse -1- on fuse box
- SB3 Fuse -3- on fuse box
- SB15 Fuse -15- on fuse box
- T5m 5-pin connector, in engine
- T10a 10-pin connector, black, in protective housing for connectors
- T10f 10-pin connector, purple, in protective housing for connectors
- T121 121-pin connector
- T10g 10-pin connector, red, in protective housing for connectors
- 209 Earth connection -6-, in engine compartment wiring harness
- A99 Connection -1- (87), in dash panel wiring harness
- A100 Connection -2- (87), in dash panel wiring harness
- D52 Positive (+) connection (15a), in engine compartment wiring harness
- D73 Positive (+) connection (54), in engine compartment wiring harness
- D106 Connection -4-, in engine compartment wiring harness
- D109 Connection -7-, in engine compartment wiring harness
- * Only models with manual gearbox
- ** Connector T15m, only models with automatic gearbox

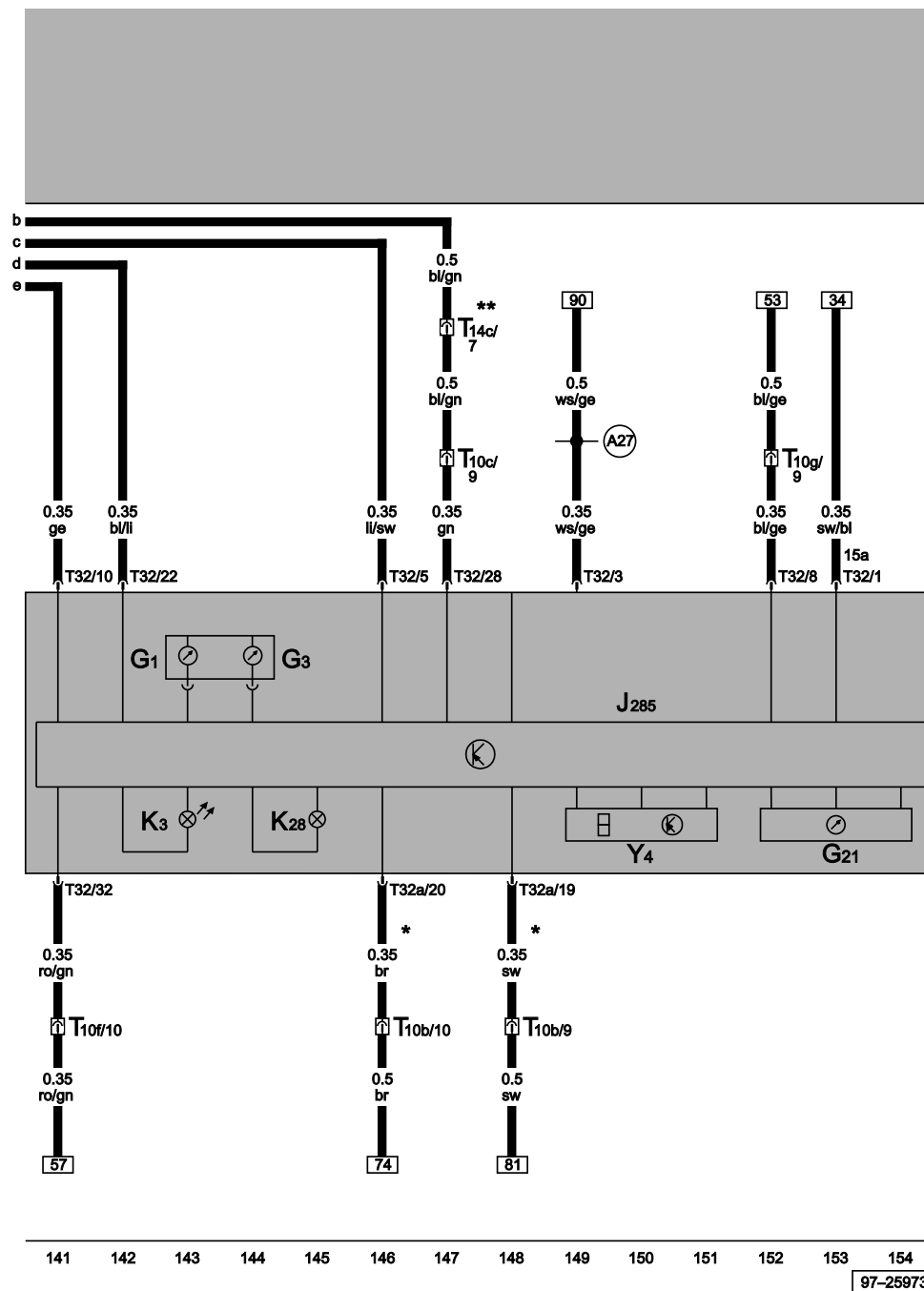
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Radiator fan thermo-switch, oil pressure switch (0.3 bar), fuel gauge sender, fuel pump (pre-supply pump), coolant shortage indicator sender

- F18 Radiator fan thermo-switch
- F22 Oil pressure switch (0.3 bar)
- G Fuel gauge sender
- G6 Fuel pump (pre-supply pump)
- G32 Coolant shortage indicator sender
- SB40 Fuse -40- on fuse box
- T3b 3-pin connector, in engine compartment, front left
- T6b 6-pin connector, grey, in protective housing for connectors
- T10e 10-pin connector, green, in protective housing for connectors
- T10i 10-pin connector, orange, in protective housing for connectors
- V7 Radiator fan
- 12 Earth point, in engine compartment, left
- 51 Earth point, in right luggage compartment
- 179 Earth connection, in left headlight wiring harness
- 269 Earth connection (sender earth) -1-, in dash panel wiring harness
- * Only models with manual gearbox

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



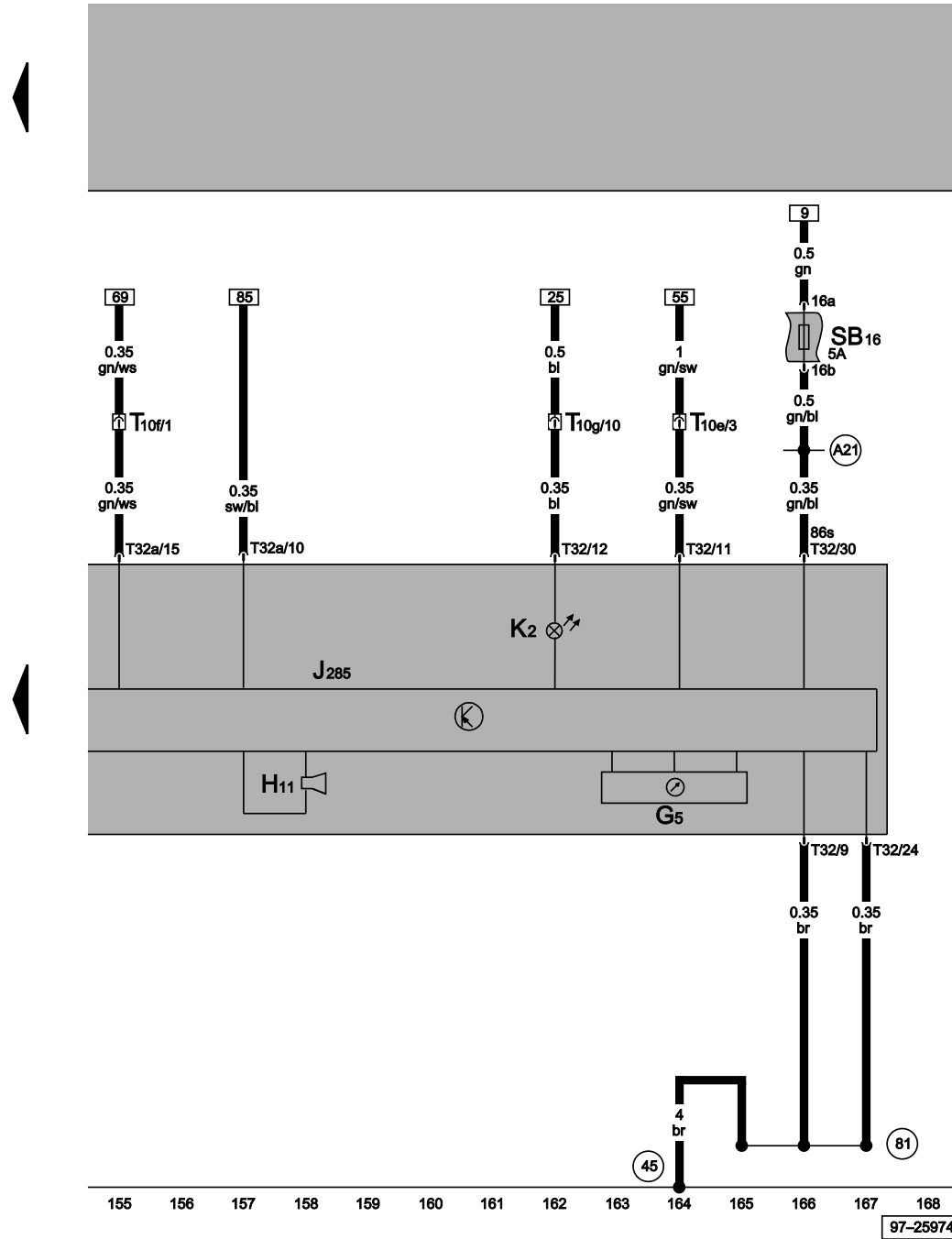
Control unit with display in dash panel insert, fuel gauge, coolant temperature gauge, speedometer oil pressure warning lamp, coolant temperature/coolant shortage warning lamp

- G1 Fuel gauge
- G3 Coolant temperature gauge
- G21 Speedometer
- J285 Control unit with display in dash panel insert
- K3 Oil pressure warning lamp
- K28 Coolant temperature/coolant shortage warning lamp
- T10b 10-pin connector, white, in protective housing for connectors
- T10c 10-pin connector, brown, in protective housing for connectors
- T10f 10-pin connector, purple, in protective housing for connectors
- T10g 10-pin connector, red, in protective housing for connectors
- T14c 14-pin connector, in engine
- T32 32-pin connector, blue
- T32a 32-pin connector, green
- Y4 Odometer display

A27 Connection (speed signal), in dash panel wiring harness

- * Data wire
- ** Connector T14c, only models with automatic gearbox

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



Control unit with display in dash panel insert, rev. counter, oil pressure warning buzzer, alternator warning lamp

- G5 Rev. counter
- H11 Oil pressure warning buzzer
- J285 Control unit with display in dash panel insert
- K2 Alternator warning lamp
- SB16 Fuse -16- on fuse box
- T10e 10-pin connector, green, in protective housing for connectors
- T10f 10-pin connector, purple, in protective housing for connectors
- T10g 10-pin connector, red, in protective housing for connectors
- T32 32-pin connector, blue
- T32a 32-pin connector, green

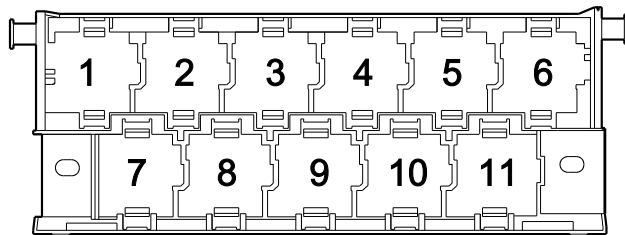
- 45 Earth point, behind dash panel - centre
- 81 Earth connection -1-, in dash panel wiring harness
- A21 Connection (86s), in dash panel wiring harness

1.6 l/74 kW Motronic, engine codes AKL

From October 1999

For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.

Relay locations on relay plate:



97-25507

2 - Fuel pump relay (167)

4 - Fuel shut-off control unit (405)

6 - X contact relief relay (100)



Note:

♦ *The number in brackets behind the part designation denotes the control number on the housing.*

Fuse colours

30 A - green

25 A - white

20 A - yellow

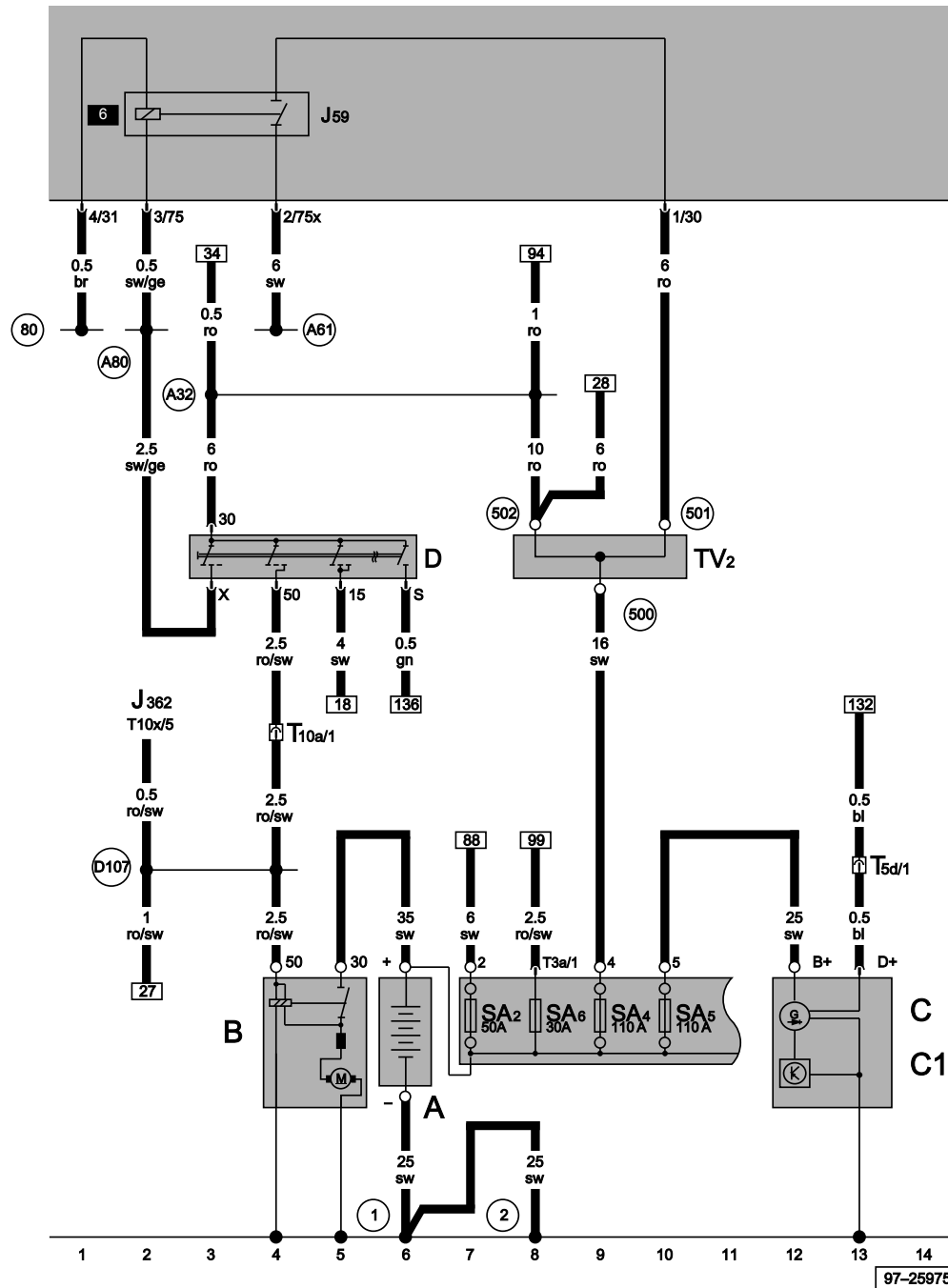
15 A - blue

10 A - red

7.5 A - brown

5 A - beige

3 A - purple

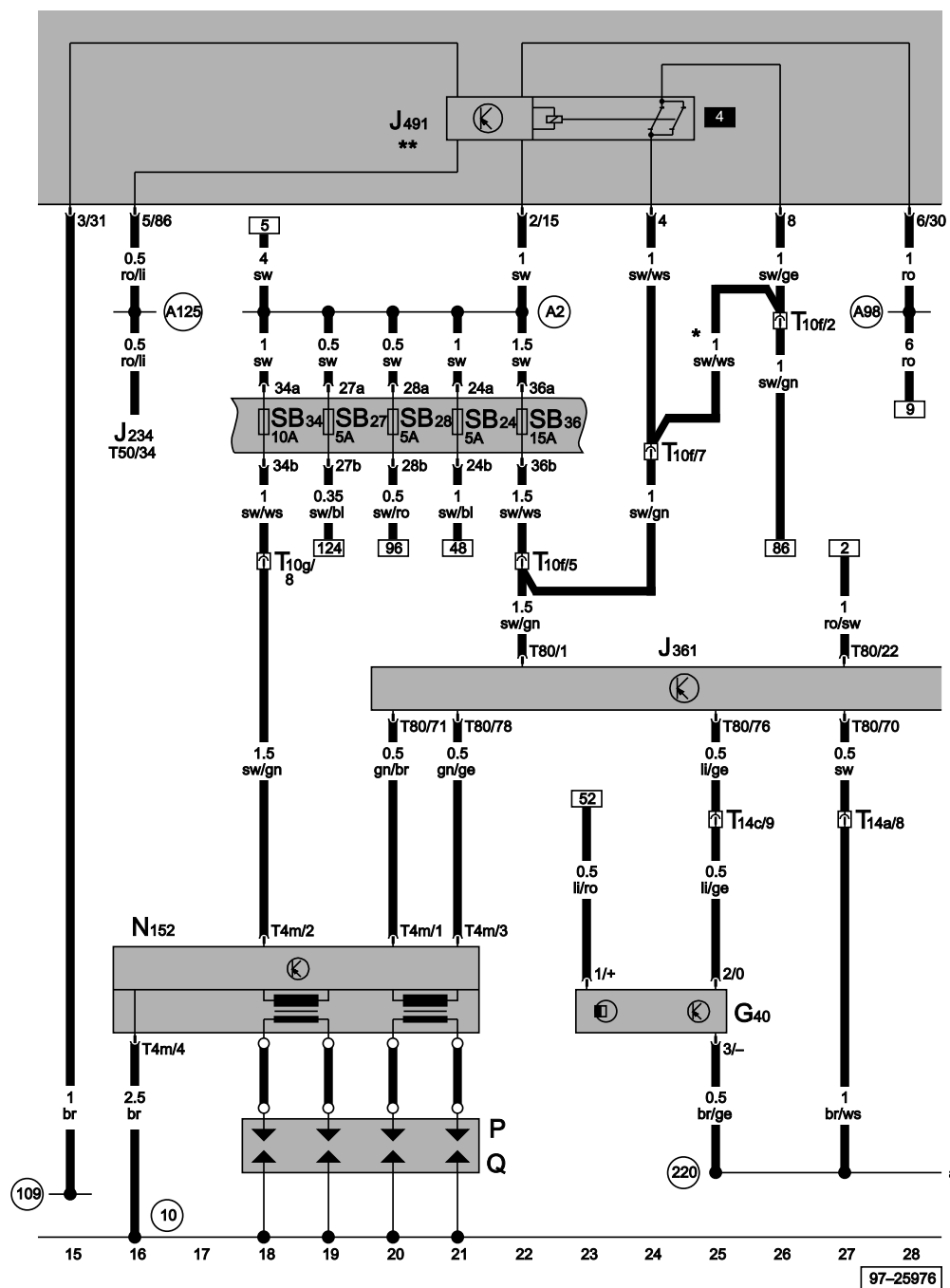


Battery, starter, alternator, voltage regulator, ignition/starter switch, terminal 30 junction box , X contact relief relay

- A Battery
- B Starter
- C Alternator
- C1 Voltage regulator
- D Ignition/starter switch
- J59 X contact relief relay
- J362 Immobilizer control unit
- SA2 Fuse -2- on battery fuse box
- SA4 Fuse -4- on battery fuse box
- SA5 Fuse -5- on battery fuse box
- SA6 Fuse -6- on battery fuse box
- TV2 Terminal 30 junction box
- T3a 3-pin connector, in battery
- T5d 5-pin connector, in engine, near gearbox
- T10a 10-pin connector, black, in protective housing for connectors
- T10x 10-pin connector

- 1 Earth strap, battery - body
- 2 Earth strap, gearbox - body
- 80 Earth connection -1-, in instruments wiring harness
- 500 Screw connection -1- (30), on relay plate
- 501 Screw connection -2- (30), on relay plate
- 502 Screw connection -1- (30a), on relay plate
- A32 Positive (+) connection (30), in dash panel wiring harness
- A61 Positive (+) connection (X), in instruments wiring harness
- A80 Connection -1- (X), in dash panel wiring harness
- D107 Connection -5-, in engine compartment wiring harness

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



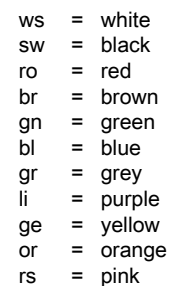
Motronic control unit, hall sender, ignition transformer, spark plug connector, spark plugs, fuel shut-off control unit (crash)

- G40 Hall sender
- J234 Airbag control unit
- J361 Motronic control unit
- J491 Fuel shut-off control unit (crash)
- N152 Ignition transformer
- P Spark plug connector
- Q Spark plugs
- SB24 Fuse -24- on fuse box
- SB27 Fuse -27- on fuse box
- SB28 Fuse -28- on fuse box
- SB34 Fuse -34- on fuse box
- SB36 Fuse -36- on fuse box
- T4m 4-pin connector, yellow, in ignition transformer
- T10f 10-pin connector, purple, in protective housing for connectors
- T10g 10-pin connector, red, in protective housing for connectors
- T14a 14-pin connector, in engine
- T14c 14-pin connector, in engine
- T50 50-pin connector
- T80 80-pin connector

- 10 Earth point, in plenum chamber
- 109 Earth connection, in airbag wiring harness
- 220 Earth connection (sender earth), in engine wiring harness
- A2 Positive (+) connection (15), in dash panel wiring harness
- A98 Positive (+) connection -4- (30), in dash panel wiring harness
- A125 Connection (crash signal), in dash panel wiring harness

- * Does not apply to airbag
- ** Only models with airbag

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

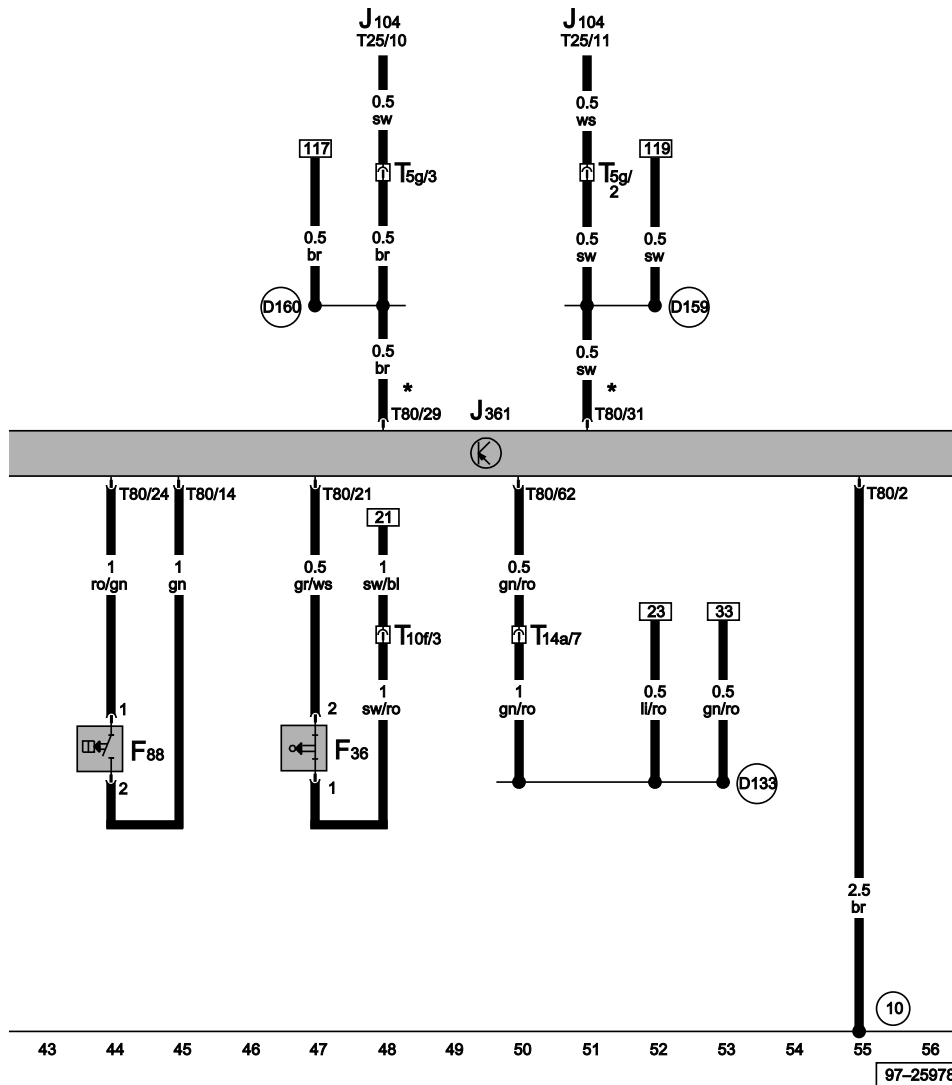


F60	Idling switch
G2	Coolant temperature sender
G28	Engine speed sender
G62	Coolant temperature sender
G69	Throttle valve potentiometer
G88	Throttle valve positioner potentiometer
J338	Throttle valve control unit
J361	Motronic control unit
SB31	Fuse -31- on fuse box
T10f	10-pin connector, purple, in protective housing for connectors
T14a	14-pin connector, in engine
T14c	14-pin connector, in engine
T80	80-pin connector
V60	Throttle valve positioner
220	Earth connection (sender earth), in engine wiring harness
B113	Positive (+) connection (30a), in left interior wiring harness

Motronic control unit, clutch pedal switch, power assisted steering pressure switch

- F36 Clutch pedal switch
- F88 Power assisted steering pressure switch
- J104 ABS with EDL control unit
- J361 Motronic control unit
- T5g 5-pin connector, pink, in protective housing for connectors
- T10f 10-pin connector, purple, in protective housing for connectors
- T14a 14-pin connector, in engine
- T25 25-pin connector
- T80 80-pin connector

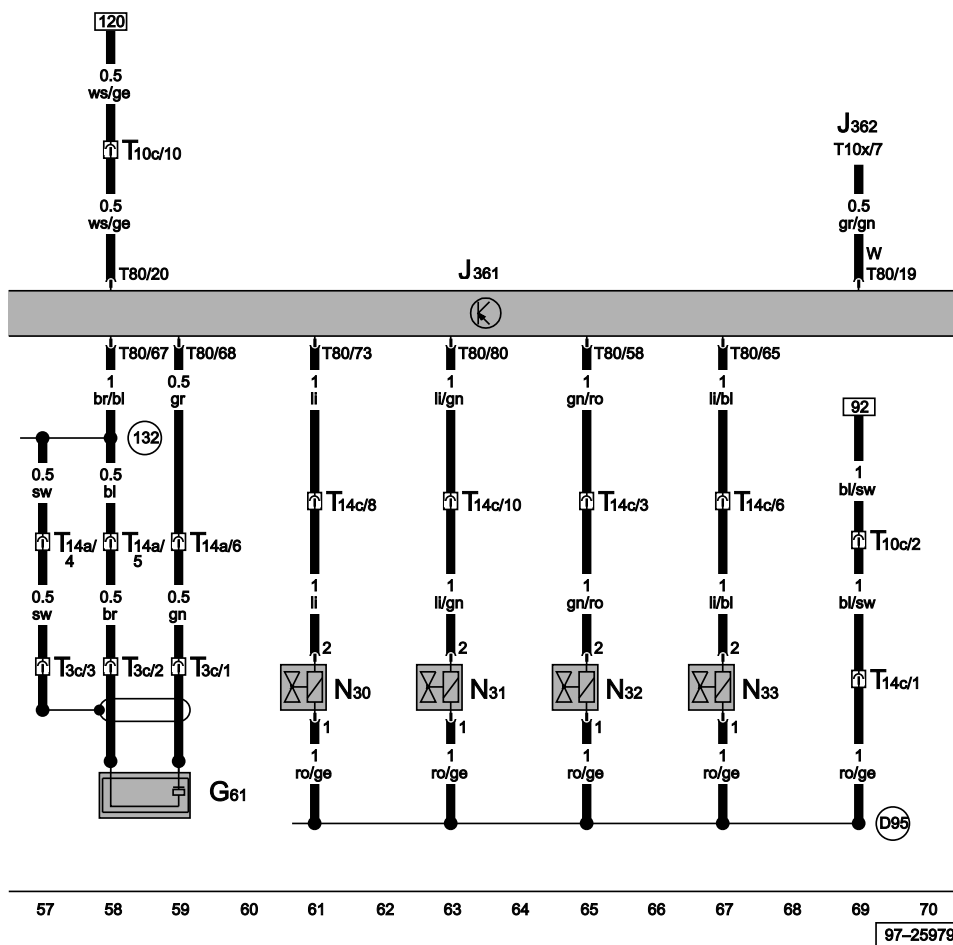
- 10 Earth point, in plenum chamber
- D133 Connection (Hall sender signal), in engine compartment wiring harness
- D159 Positive (+) connection (high bus), in engine compartment wiring harness
- D160 Positive (+) connection (low bus), in engine compartment wiring harness
- * Data wire



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- li = purple
- ge = yellow
- or = orange
- rs = pink

Motronic control unit, knock sensor 1, injectors

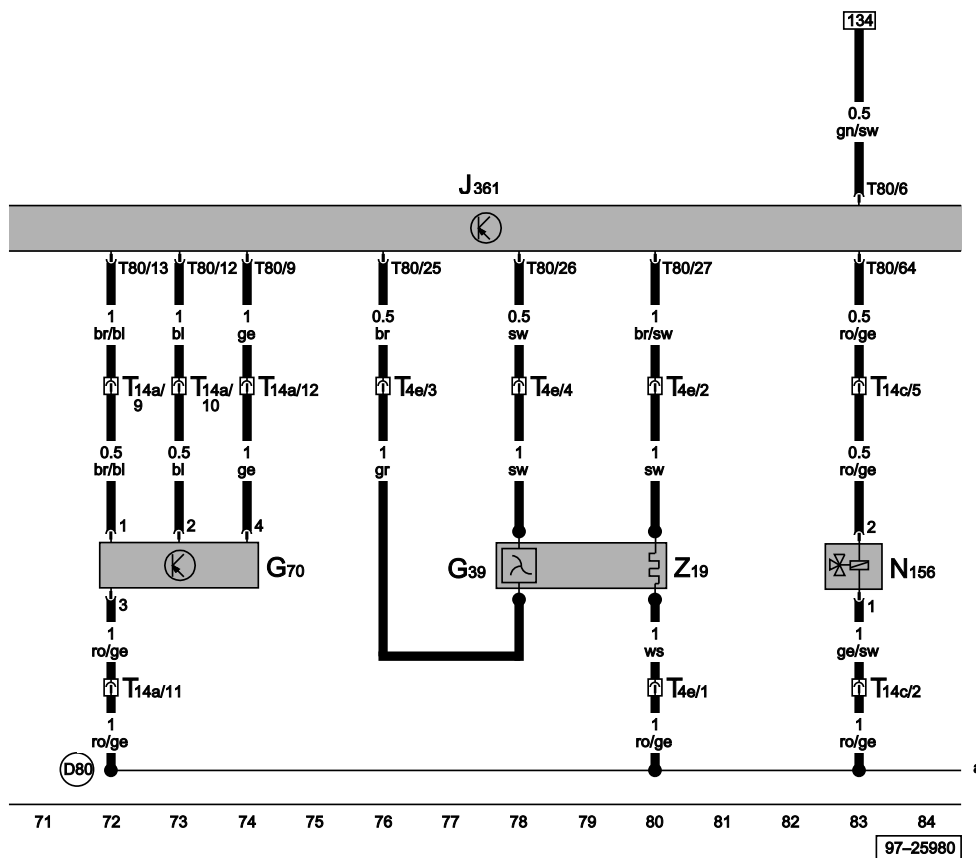
- G61 Knock sensor 1
- J361 Motronic control unit
- J362 Immobilizer control unit
- N30 Injector, cylinder 1
- N31 Injector, cylinder 2
- N32 Injector, cylinder 3
- N33 Injector, cylinder 4
- T3c 3-pin connector
- T10c 10-pin connector, brown, in protective housing for connectors
- T10x 10-pin connector
- T14a 14-pin connector, in engine
- T14c 14-pin connector, in engine
- T80 80-pin connector
- 132 Earth connection -3-, in engine compartment wiring harness
- D95 Connection (injectors), in engine compartment wiring harness



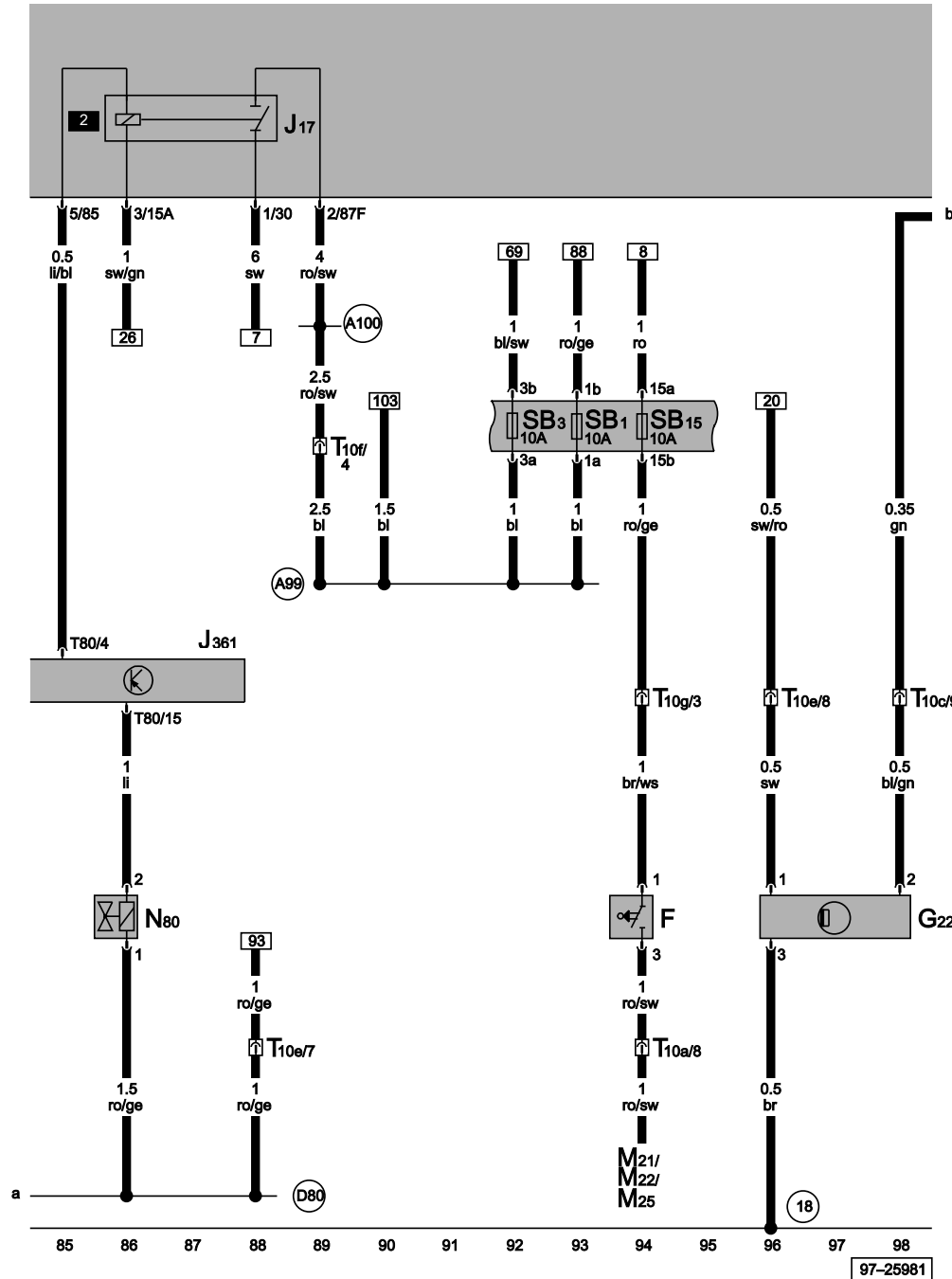
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Motronic control unit, lambda probe, air mass meter, intake manifold change-over valve, lambda probe heater

- G39 Lambda probe
- G70 Air mass meter
- J361 Motronic control unit
- N156 Intake manifold change-over valve
- T4e 4-pin connector, in engine
- T14a 14-pin connector, in engine
- T14c 14-pin connector, in engine
- T80 80-pin connector
- Z19 Lambda probe heater
- D80 Positive (+) connection (87a - for active charcoal filter system solenoid), in engine compartment wiring harness

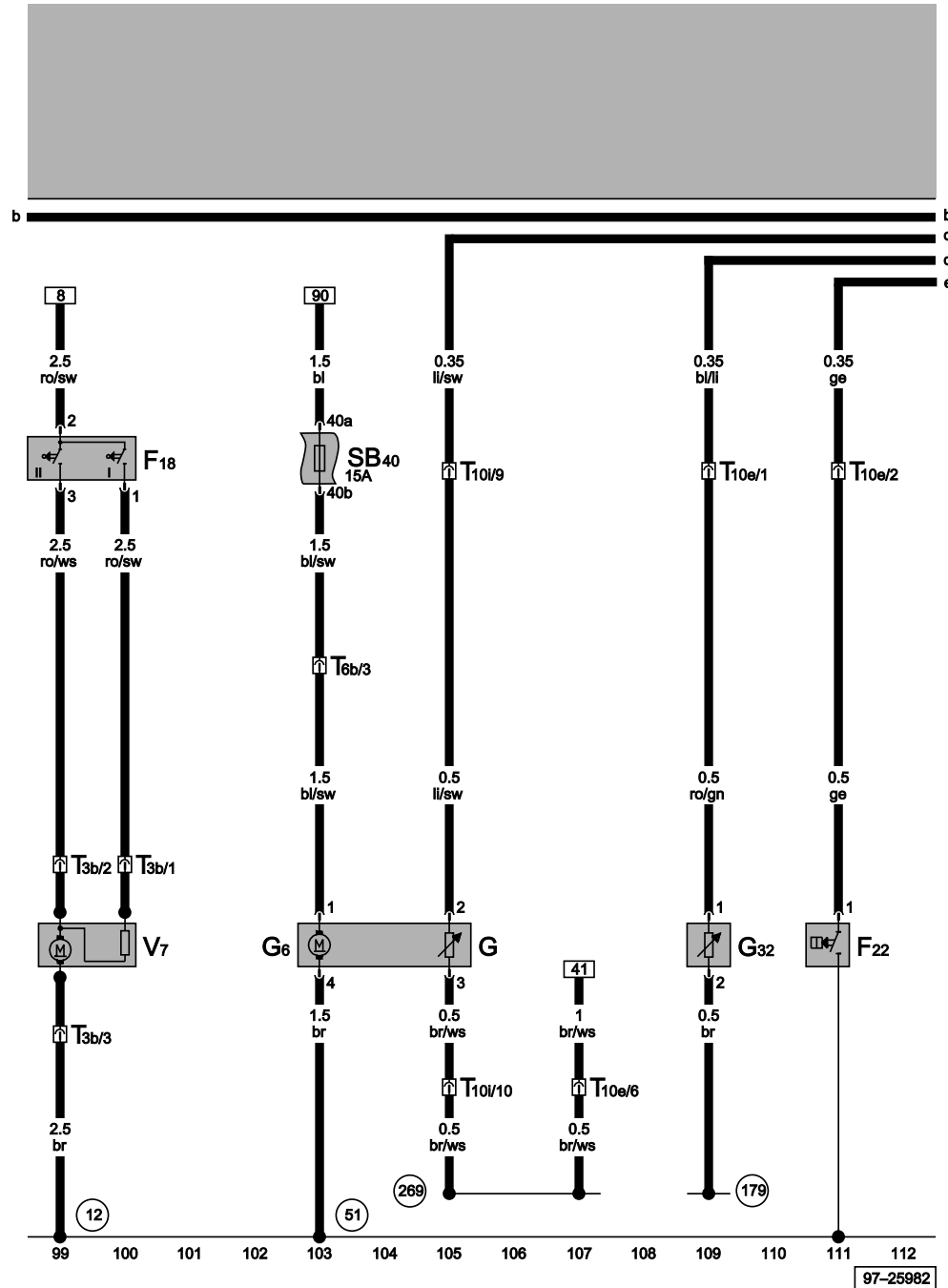


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- rs = pink



Motronic control unit, brake light switch, speedometer sender (hall sender, on gearbox), activated charcoal filter system solenoid valve 1 (pulsed), fuel pump relay

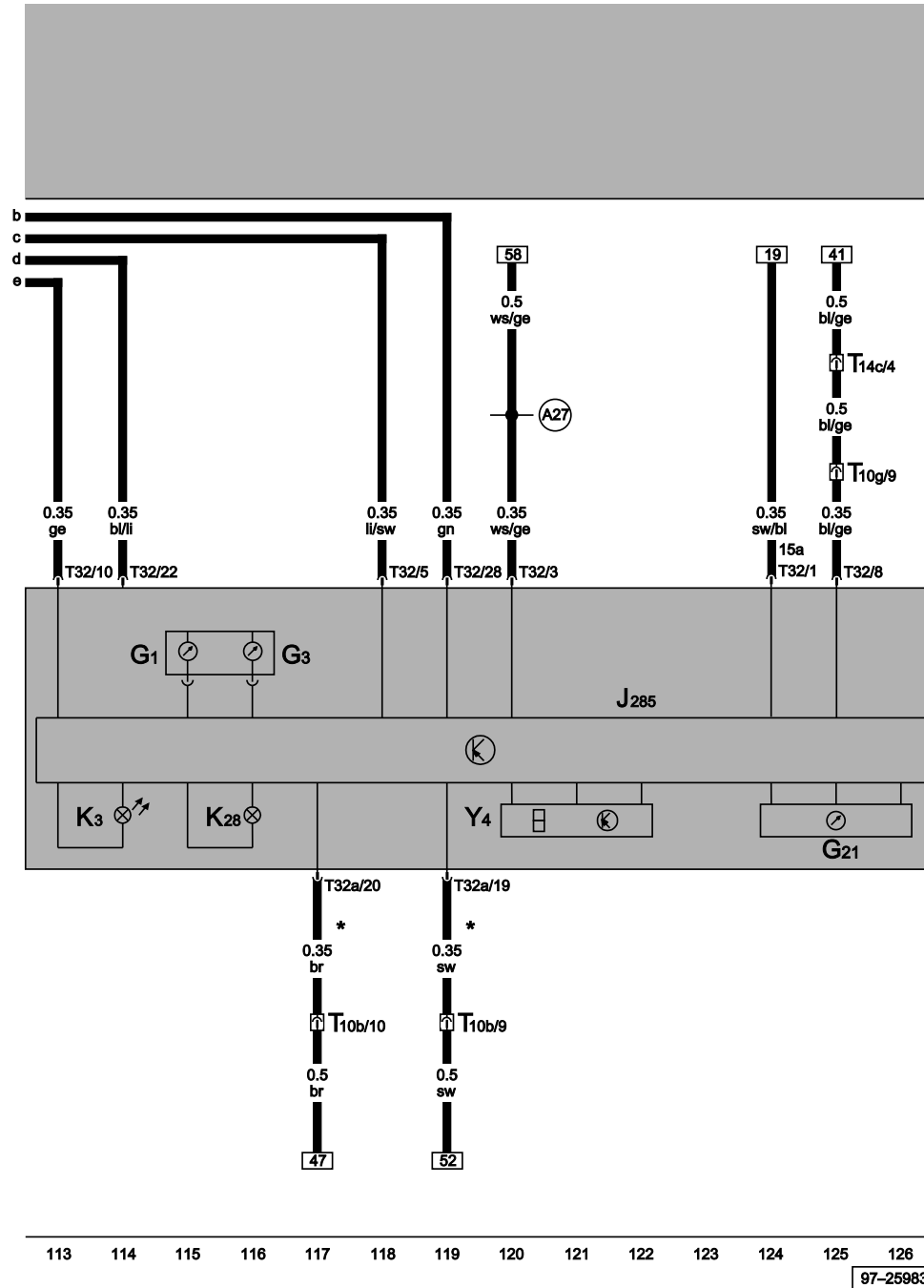
- F Brake light switch
- G22 Speedometer sender (Hall sender, on gearbox)
- J17 Fuel pump relay
- J361 Motronic control unit
- M21 Brake and tail light bulb, left
- M22 Brake and tail light bulb, right
- M25 High level brake light bulb
- N80 Activated charcoal filter system solenoid valve 1 (pulsed)
- SB1 Fuse -1- on fuse box
- SB3 Fuse -3- on fuse box
- SB15 Fuse -15- on fuse box
- T10a 10-pin connector, black, in protective housing for connectors
- T10c 10-pin connector, brown, in protective housing for connectors
- T10e 10-pin connector, green, in protective housing for connectors
- T10f 10-pin connector, purple, in protective housing for connectors
- T10g 10-pin connector, red, in protective housing for connectors
- T80 80-pin connector
- 18 Earth point, on engine block
- A99 Connection -1- (87), in dash panel wiring harness
- A100 Connection -2- (87), in dash panel wiring harness
- D80 Positive (+) connection (87a - for active charcoal filter system solenoid), in engine compartment wiring harness



Radiator fan thermo-switch, radiator fan, oil pressure switch (0.3 bar), fuel gauge sender, fuel pump (pre-supply pump), coolant shortage indicator sender

- F18 Radiator fan thermo-switch
- F22 Oil pressure switch (0.3 bar)
- G Fuel gauge sender
- G6 Fuel pump (pre-supply pump)
- G32 Coolant shortage indicator sender
- SB40 Fuse -40- on fuse box
- T3b 3-pin connector, in engine compartment, front left
- T6b 6-pin connector, grey, in protective housing for connectors
- T10e 10-pin connector, green, in protective housing for connectors
- T10i 10-pin connector, orange, in protective housing for connectors
- V7 Radiator fan
- 12 Earth point, in engine compartment, left
- 51 Earth point, in right luggage compartment
- 179 Earth connection, in left headlight wiring harness
- 269 Earth connection (sender earth) -1-, in dash panel wiring harness

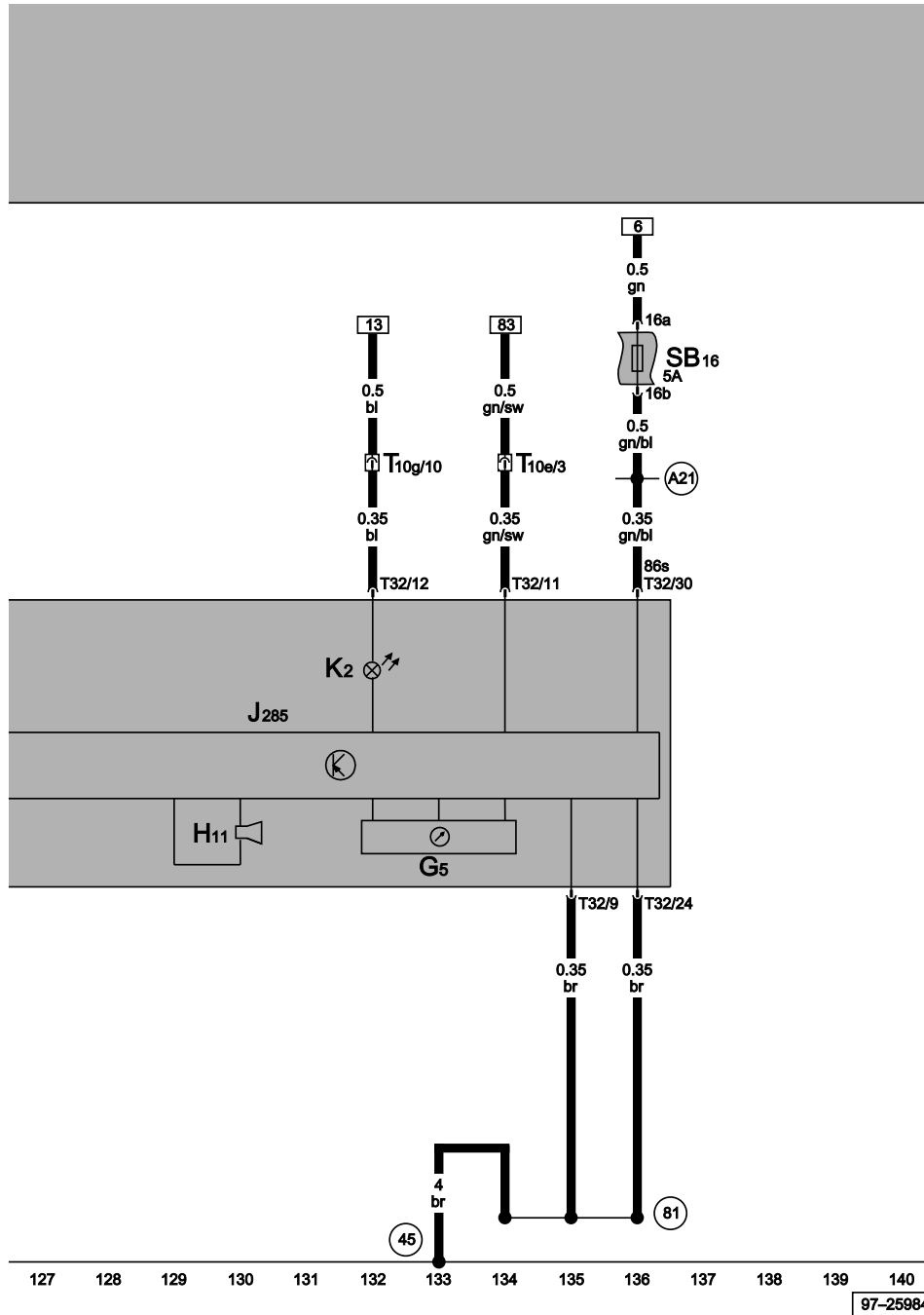
ws = white
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 ro = red
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 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink



Control unit with display in dash panel insert, fuel gauge coolant temperature gauge, speedometer, oil pressure warning lamp, coolant temperature/coolant shortage warning lamp

- G1 Fuel gauge
- G3 Coolant temperature gauge
- G21 Speedometer
- J285 Control unit with display in dash panel insert
- K3 Oil pressure warning lamp
- K28 Coolant temperature/coolant shortage warning lamp
- T10b 10-pin connector, white, in protective housing for connectors
- T10g 10-pin connector, red, in protective housing for connectors
- T14c 14-pin connector, in engine
- T32 32-pin connector, blue
- T32a 32-pin connector, green
- Y4 Odometer display
- A27 Connection (speed signal), in dash panel wiring harness
- * Data wire

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



Control unit with display in dash panel insert, rev. counter, oil pressure warning buzzer, alternator warning lamp

- G5 Rev. counter
- H11 Oil pressure warning buzzer
- J285 Control unit with display in dash panel insert
- K2 Alternator warning lamp
- SB16 Fuse -16- on fuse box
- T10e 10-pin connector, green, in protective housing for connectors
- T10g 10-pin connector, red, in protective housing for connectors
- T32 32-pin connector, blue

- 45 Earth point, behind dash panel - centre
- 81 Earth connection -1-, in dash panel wiring harness
- A21 Connection (86s), in dash panel wiring harness

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

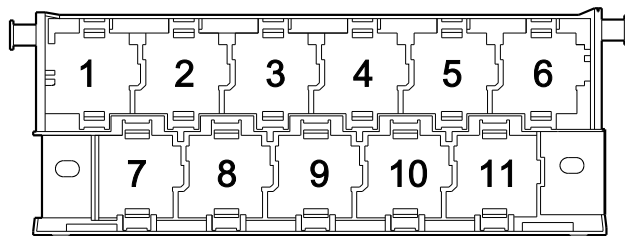
1.6 I Simos/74 kW, engine codes AEH

⇒ Only models with automatic gearbox

From October 1999

For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.

Relay locations on relay plate:



97-25507

- 1 - Radiator fan relay (53)
- 2 - Fuel pump relay (167)
- 4 - Fuel shut-off control unit (405)
- 6 - X contact relief relay (100)

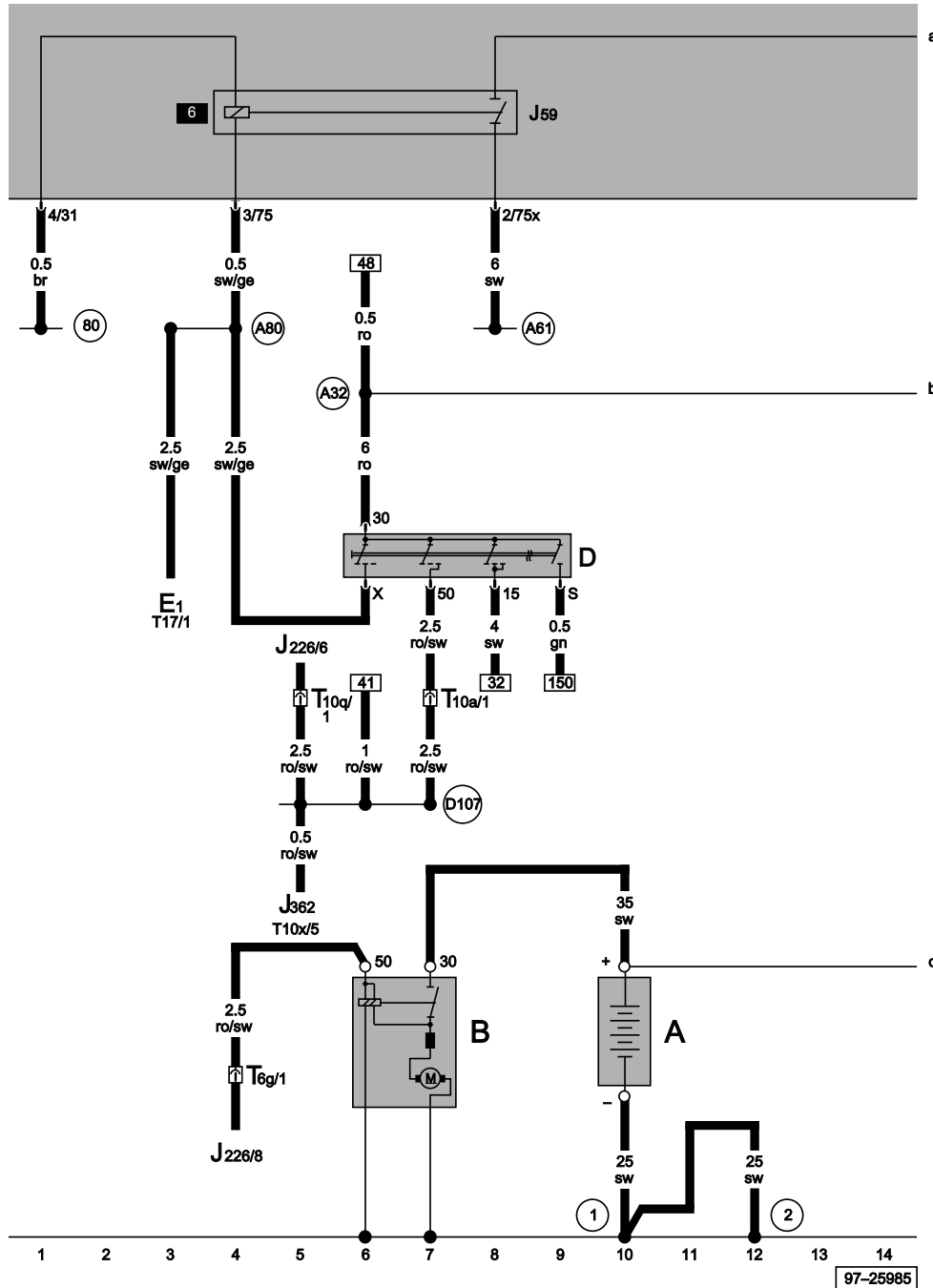


Note:

♦ *The number in brackets behind the part designation denotes the control number on the housing.*

Fuse colours

- 30 A - green
- 25 A - white
- 20 A - yellow
- 15 A - blue
- 10 A - red
- 7.5 A - brown
- 5 A - beige
- 3 A - purple

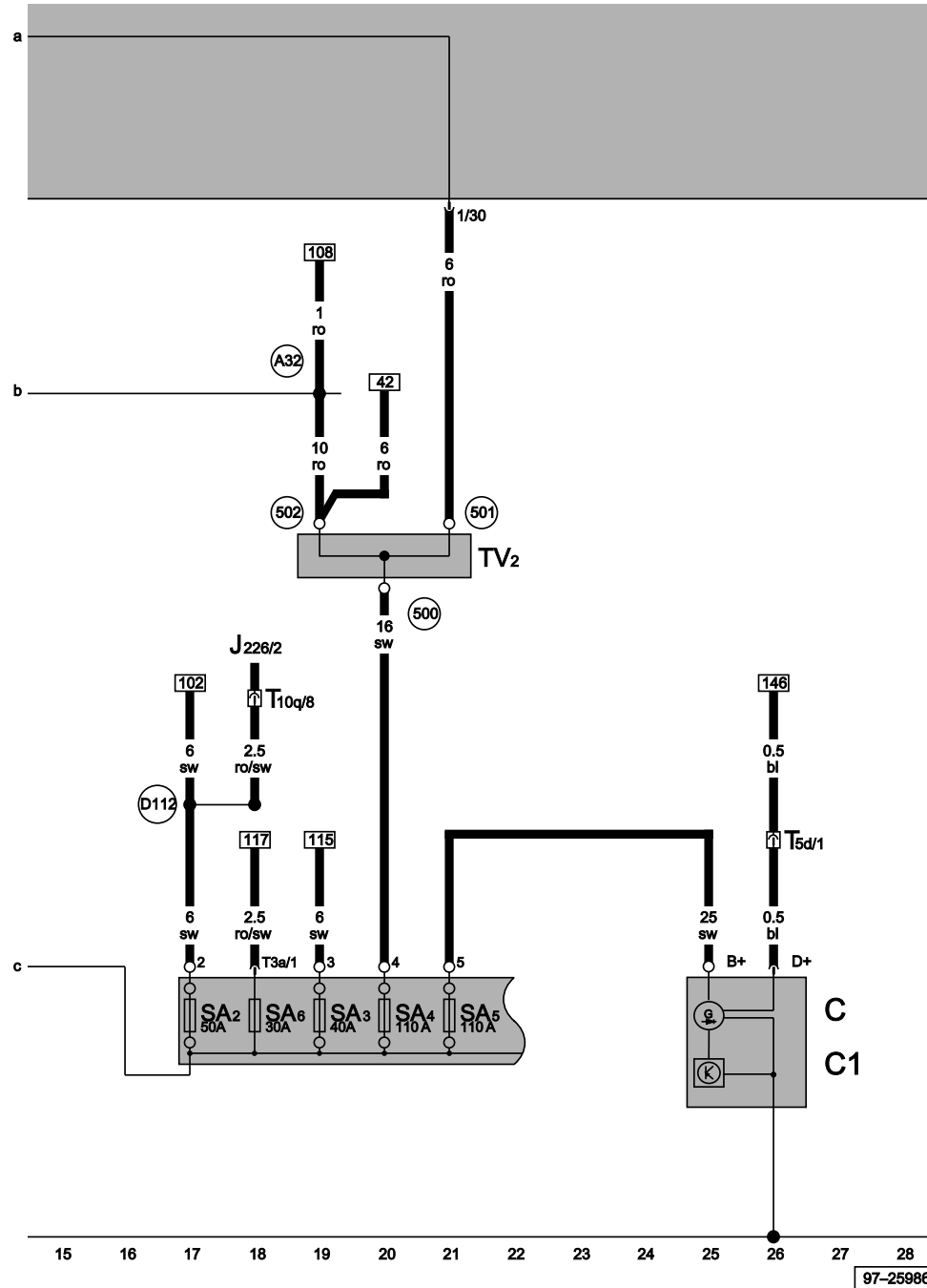


Battery, starter, ignition/starter switch, X contact relief relay

- A Battery
- B Starter
- D Ignition/starter switch
- E1 Lighting switch
- J59 X contact relief relay
- J226 Starter inhibitor and reversing light relay
- J362 Immobilizer control unit
- T6g 6-pin connector, black, in protective housing for connectors
- T10a 10-pin connector, black, in protective housing for connectors
- T10q 10-pin connector, blue, in protective housing for connectors
- T10x 10-pin connector
- T17 17-pin connector

- 1 Earth strap, battery - body
- 2 Earth strap, gearbox - body
- 80 Earth connection -1-, in instruments wiring harness
- A32 Positive (+) connection (30), in dash panel wiring harness
- A61 Positive (+) connection (X), in instruments wiring harness
- A80 Connection -1- (X), in dash panel wiring harness
- D107 Connection -5-, in engine compartment wiring harness

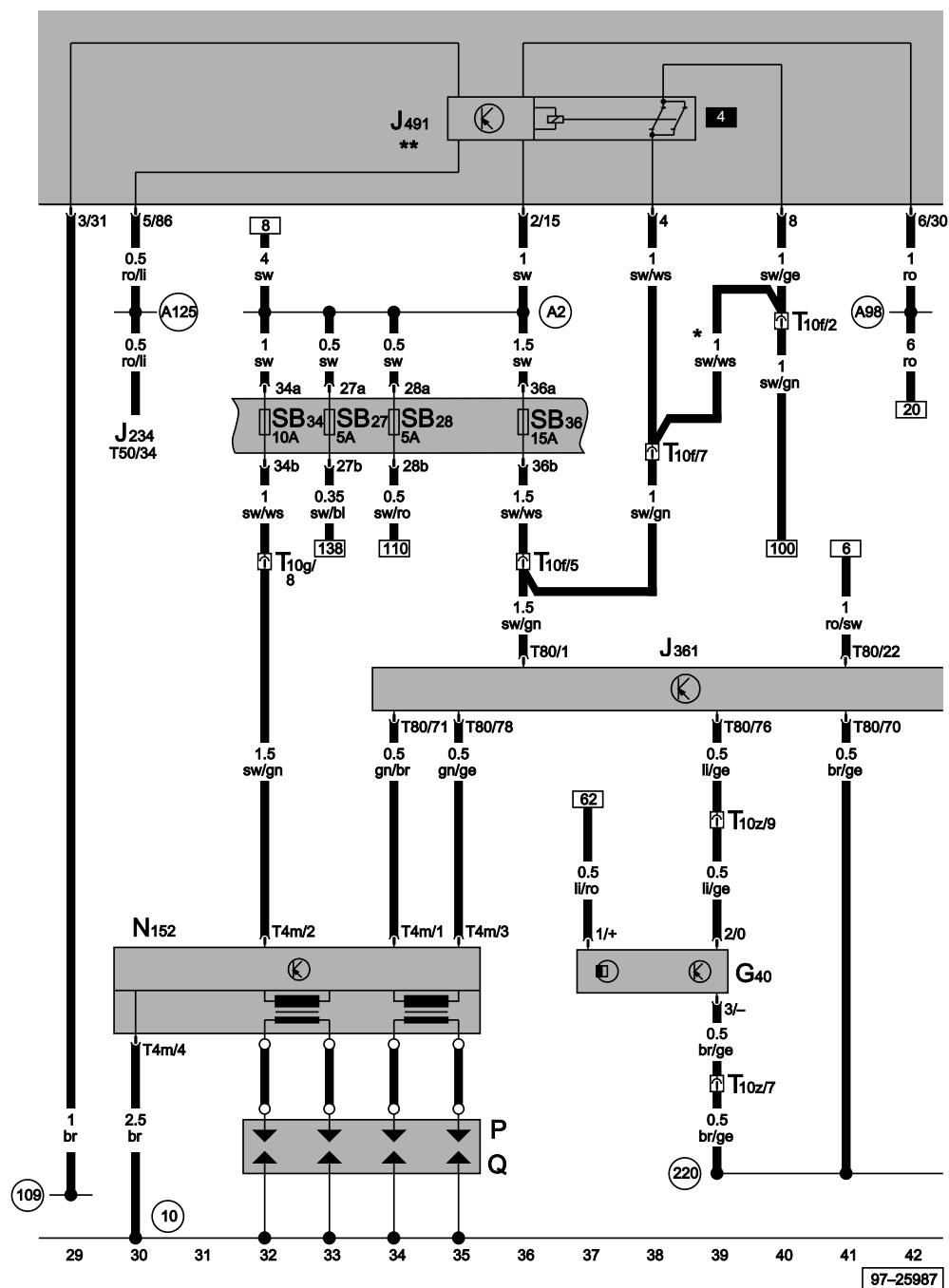
ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink



Alternator, voltage regulator, terminal 30 junction box

- C Alternator
- C1 Voltage regulator
- J226 Starter inhibitor and reversing light relay
- SA2 Fuse -2- on battery fuse box
- SA3 Fuse -3- on battery fuse box
- SA4 Fuse -4- on battery fuse box
- SA5 Fuse -5- on battery fuse box
- SA6 Fuse -6- on battery fuse box
- TV2 Terminal 30 junction box
- T3a 3-pin connector, in battery
- T5d 5-pin connector, in engine, near gearbox
- T10q 10-pin connector, blue, in protective housing for connectors
- 500 Screw connection -1- (30), on relay plate
- 501 Screw connection -2- (30), on relay plate
- 502 Screw connection -1- (30a), on relay plate
- A32 Positive (+) connection (30), in dash panel wiring harness
- D112 Connection -10-, in engine compartment wiring harness

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



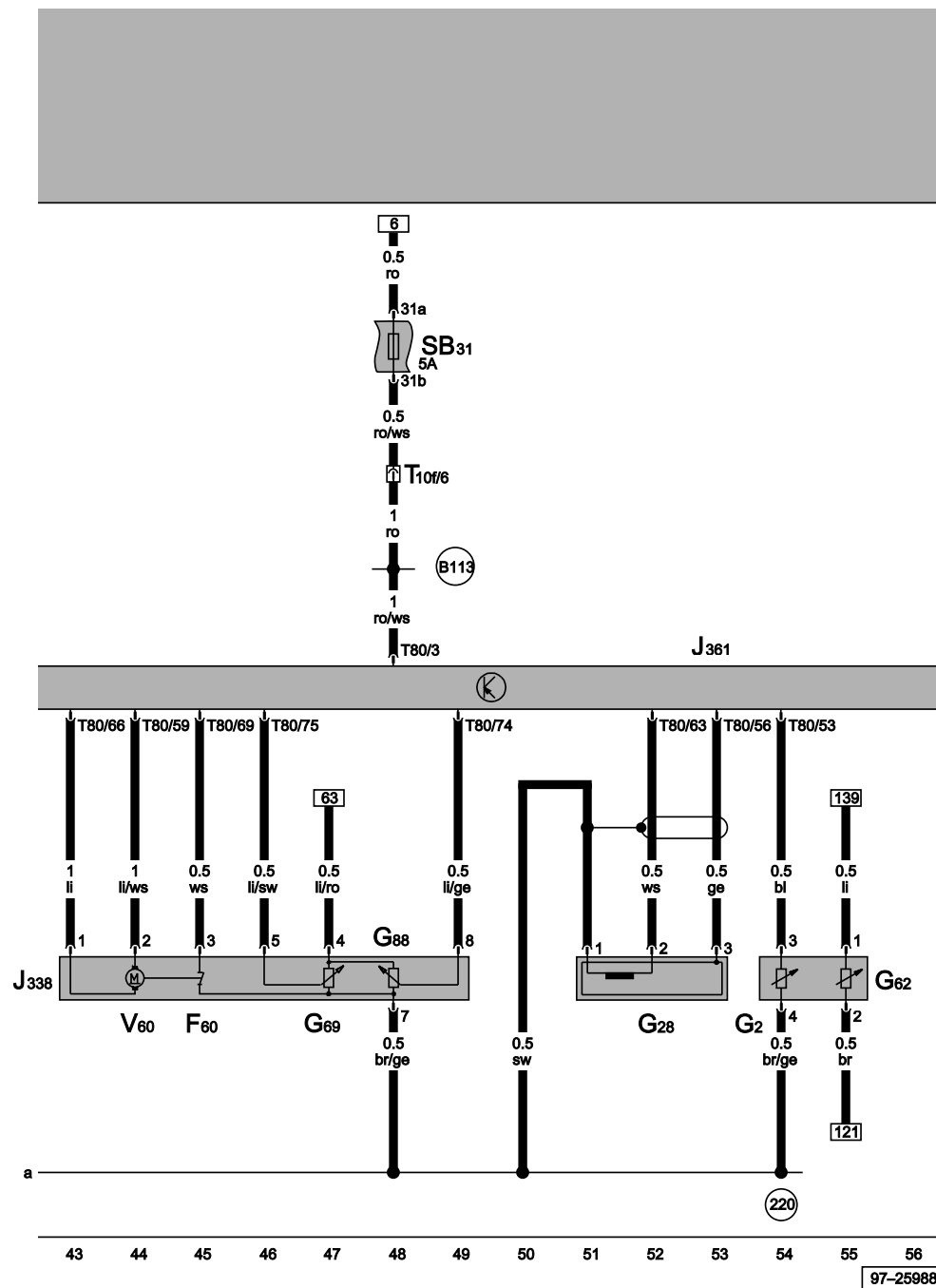
Simos control unit, hall sender, ignition transformer, spark plug connector, spark plugs, fuel shut-off control unit (crash)

- G40 Hall sender
- J234 Airbag control unit
- J361 Simos control unit
- J491 Fuel shut-off control unit (crash)
- N152 Ignition transformer
- P Spark plug connector
- Q Spark plugs
- SB27 Fuse -27- on fuse box
- SB28 Fuse -28- on fuse box
- SB34 Fuse -34- on fuse box
- SB36 Fuse -36- on fuse box
- T4m 4-pin connector, yellow, in ignition transformer
- T10f 10-pin connector, purple, in protective housing for connectors
- T10g 10-pin connector, red, in protective housing for connectors
- T10z 10-pin connector
- T50 50-pin connector
- T80 80-pin connector

- 10 Earth point, in plenum chamber
- 109 Earth connection, in airbag wiring harness
- 220 Earth connection (sender earth), in engine wiring harness
- A2 Positive (+) connection (15), in dash panel wiring harness
- A98 Positive (+) connection -4- (30), in dash panel wiring harness
- A125 Connection (crash signal), in dash panel wiring harness

* Does not apply to airbag
** Only models with airbag

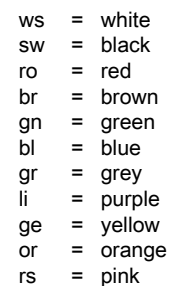
ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink



Simos control unit, throttle valve control unit, throttle valve potentiometer, throttle valve positioner, idling switch, coolant temperature sender, engine speed sender

- F60 Idling switch
- G2 Coolant temperature sender
- G28 Engine speed sender
- G62 Coolant temperature sender
- G69 Throttle valve potentiometer
- G88 Throttle valve positioner potentiometer
- J338 Throttle valve control unit
- J361 Simos control unit
- SB31 Fuse -31- on fuse box
- T10f 10-pin connector, purple, in protective housing for connectors
- T80 80-pin connector
- V60 Throttle valve positioner
- 220 Earth connection (sender earth), in engine wiring harness
- B113 Positive (+) connection (30a), in left interior wiring harness

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

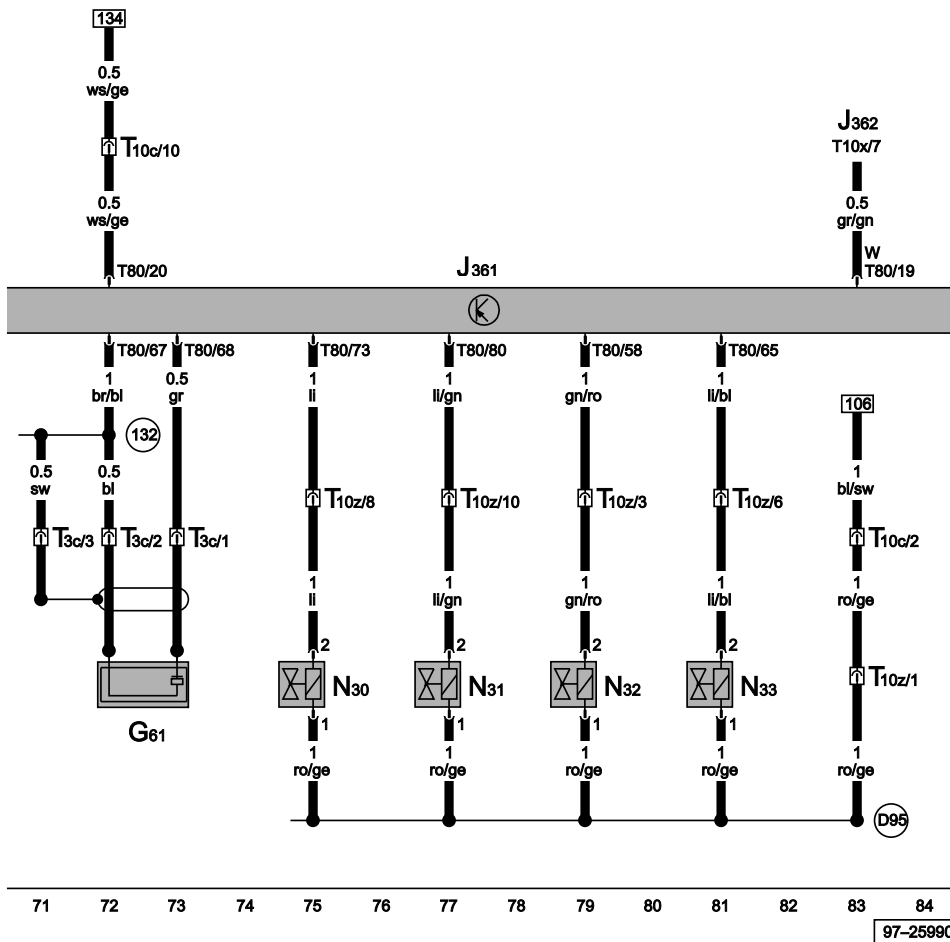


F88	Power assisted steering pressure switch
J104	ABS with EDL control unit
J217	Automatic gearbox control unit
J361	Simos control unit
T5g	5-pin connector, pink, in protective housing for connectors
T10e	10-pin connector, green, in protective housing for connectors
T10q	10-pin connector, blue, in protective housing for connectors
T10z	10-pin connector
T25	25-pin connector
T68	68-pin connector
T80	80-pin connector

- | | |
|------|--|
| 10 | Earth point, in plenum chamber |
| D113 | Connection -11-, in engine compartment wiring harness |
| D133 | Connection (hall sender signal), in engine compartment wiring harness |
| D159 | Positive (+) connection (high bus), in engine compartment wiring harness |
| D160 | Positive (+) connection (low bus), in engine compartment wiring harness |
| * | Data wire |

Simos control unit, knock sensor 1, injector cylinder 1, injector cylinder 2, injector cylinder 3, injector cylinder 4

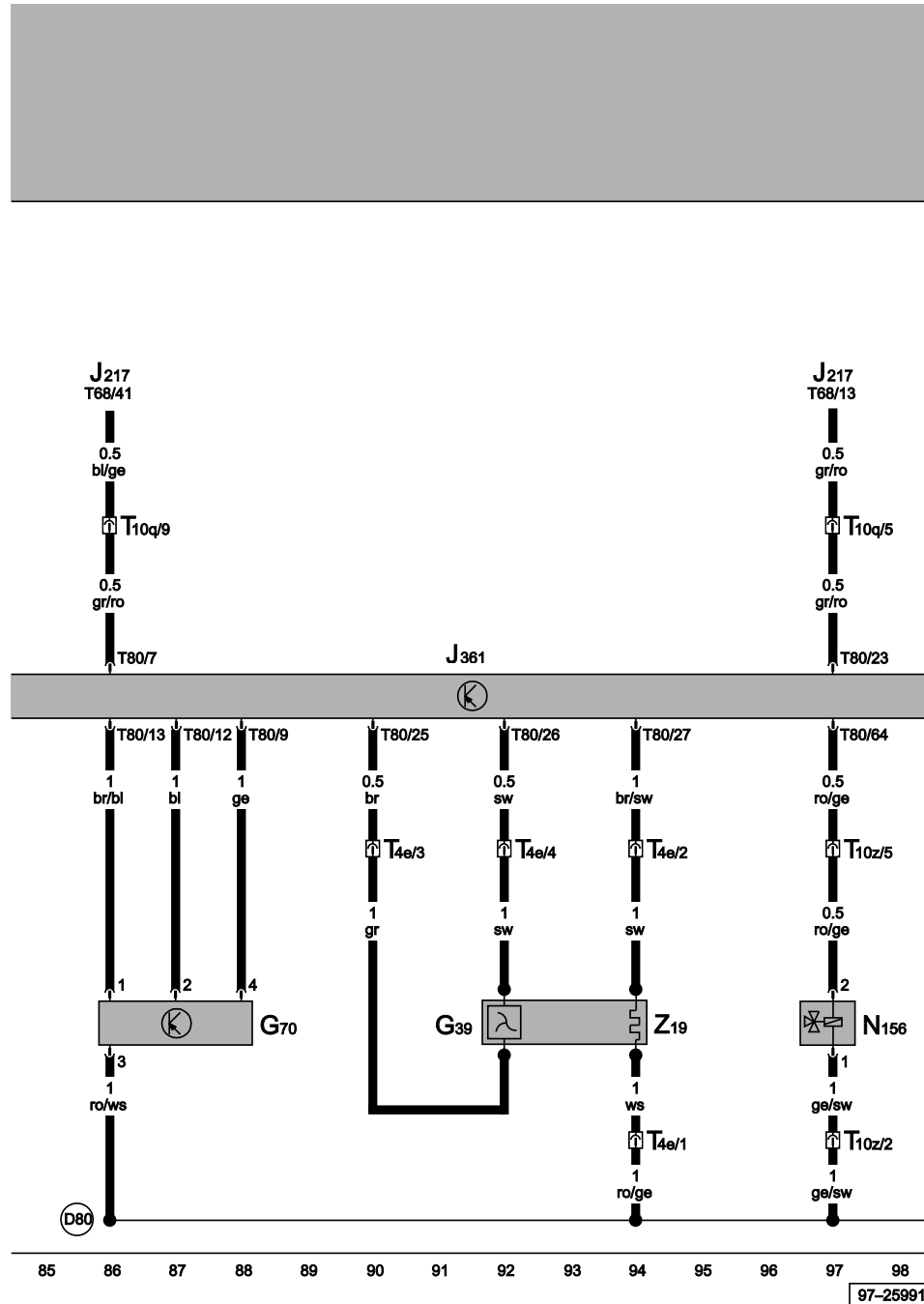
- G61 Knock sensor I
- J361 Simos control unit
- J362 Immobilizer control unit
- N30 Injector, cylinder 1
- N31 Injector, cylinder 2
- N32 Injector, cylinder 3
- N33 Injector, cylinder 4
- T3c 3-pin connector
- T10c 10-pin connector, brown, in protective housing for connectors
- T10x 10-pin connector
- T10z 10-pin connector
- T80 80-pin connector
- 132 Earth connection -3-, in engine compartment wiring harness
- D95 Connection (injectors), in engine compartment wiring harness



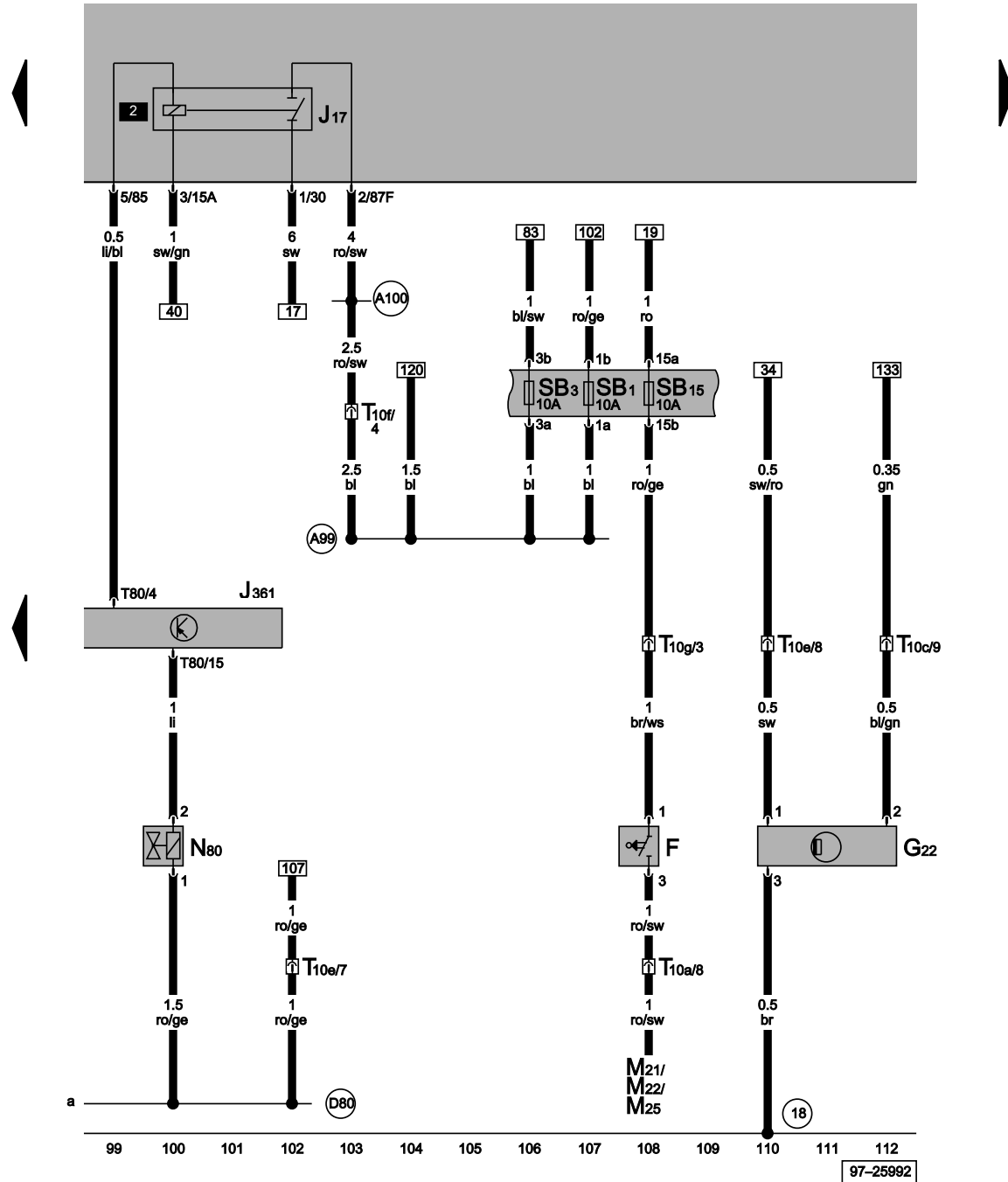
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

Simos control unit, lambda probe, air mass meter, intake manifold change-over valve, lambda probe heater

- G39 Lambda probe
- G70 Air mass meter
- J217 Automatic gearbox control unit
- J361 Simos control unit
- N156 Intake manifold change-over valve
- T4e 4-pin connector, in engine
- T10q 10-pin connector, blue, in protective housing for connectors
- T10z 10-pin connector
- T68 68-pin connector
- T80 80-pin connector
- Z19 Lambda probe heater
- (D80) Positive (+) connection (87a - for active charcoal filter system solenoid), in engine compartment wiring harness

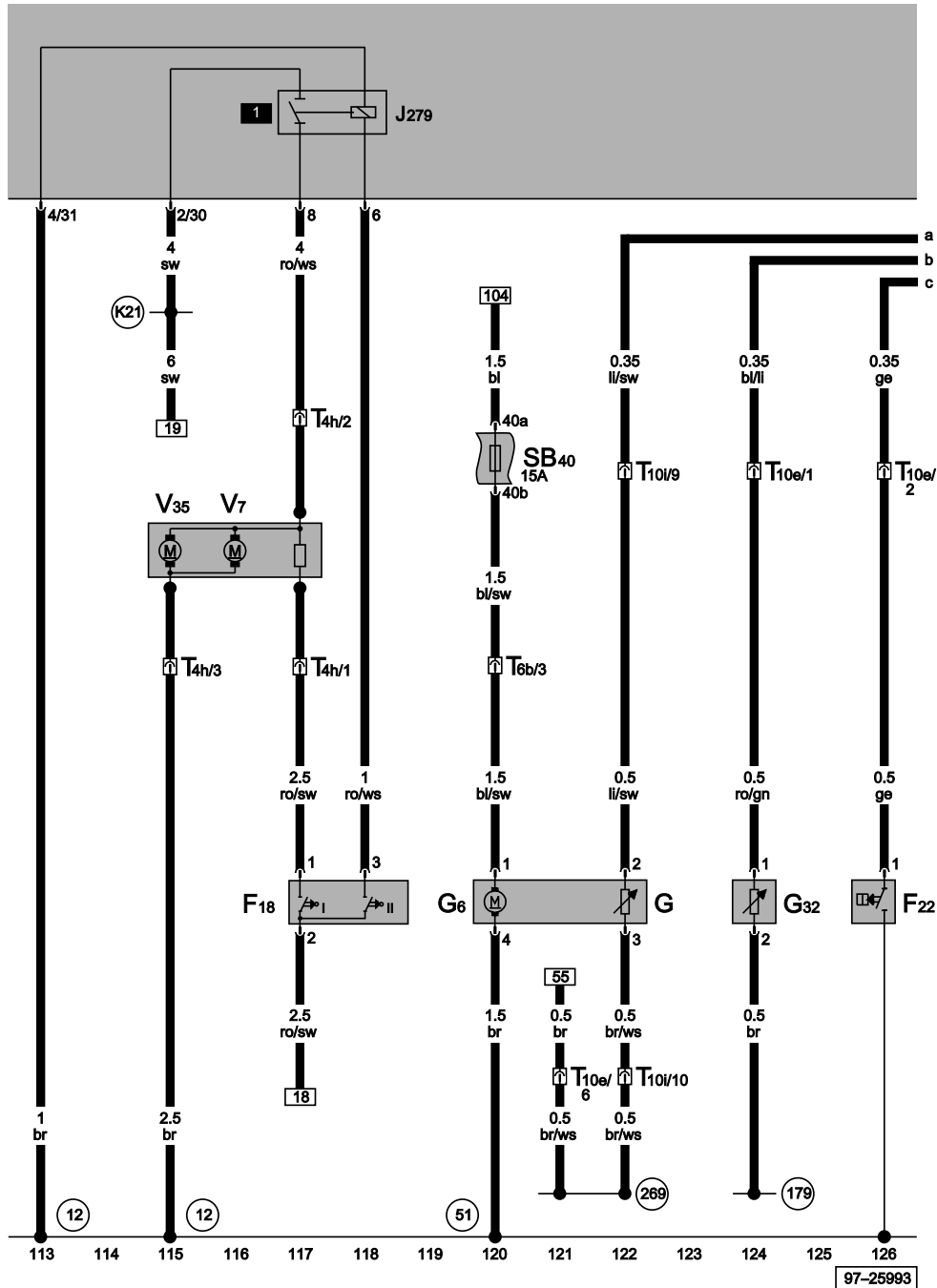


- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink



Simos control unit, brake light switch, speedometer sender (hall sender, on gearbox), activated charcoal filter system solenoid valve 1 (pulsed), fuel pump relay

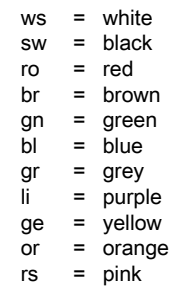
- F Brake light switch
- G22 Speedometer sender (hall sender, on gearbox)
- J17 Fuel pump relay
- J361 Simos control unit
- M21 Brake and tail light bulb, left
- M22 Brake and tail light bulb, right
- M25 High level brake light bulb
- N80 Activated charcoal filter system solenoid valve 1 (pulsed)
- SB1 Fuse -1- on fuse box
- SB3 Fuse -3- on fuse box
- SB15 Fuse -15- on fuse box
- T10a 10-pin connector, black, in protective housing for connectors
- T10c 10-pin connector, brown, in protective housing for connectors
- T10e 10-pin connector, green, in protective housing for connectors
- T10f 10-pin connector, purple, in protective housing for connectors
- T10g 10-pin connector, red, in protective housing for connectors
- T80 80-pin connector
- 18 Earth point, on engine block
- A99 Connection -1- (87), in dash panel wiring harness
- A100 Connection -2- (87), in dash panel wiring harness
- D80 Positive (+) connection (87a - for active charcoal filter system solenoid), in engine compartment wiring harness



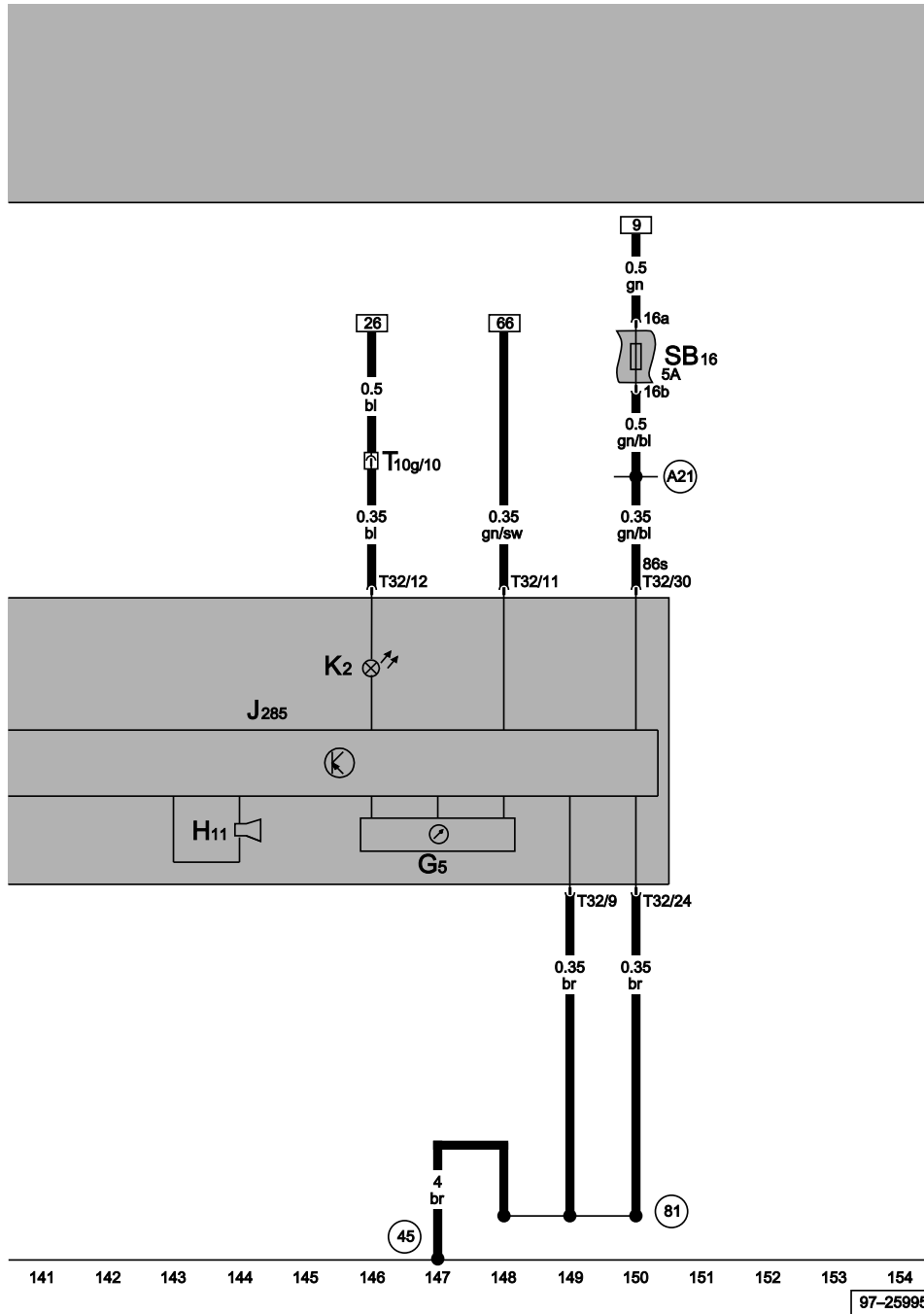
Radiator fan thermo-switch, oil pressure switch (0.3 bar), fuel gauge sender, fuel pump (pre-supply pump), coolant shortage indicator sender

- F18 Radiator fan thermo-switch
- F22 Oil pressure switch (0.3 bar)
- G Fuel gauge sender
- G6 Fuel pump (pre-supply pump)
- G32 Coolant shortage indicator sender
- J279 Radiator fan V7 and V35 relay, 1st speed
- SB40 Fuse -40- on fuse box
- T4h 4-pin connector, black, in radiator
- T6b 6-pin connector, grey, in protective housing for connectors
- T10e 10-pin connector, green, in protective housing for connectors
- T10i 10-pin connector, orange, in protective housing for connectors
- V7 Radiator fan
- V35 Radiator fan, right
- 12 Earth point, in engine compartment, left
- 51 Earth point, in right luggage compartment
- 179 Earth connection, in left headlight wiring harness
- 269 Earth connection (sender earth) -1-, in dash panel wiring harness
- K21 Connection -1-, in radiator fan wiring harness

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



(A27) Connection (speed signal), in dash panel wiring harness



Control unit with display in dash panel insert, rev. counter, oil pressure warning buzzer, alternator warning lamp

- G5 Rev. counter
- H11 Oil pressure warning buzzer
- J285 Control unit with display in dash panel insert
- K2 Alternator warning lamp
- SB16 Fuse -16- on fuse box
- T10g 10-pin connector, red, in protective housing for connectors
- T32 32-pin connector, blue
- 45 Earth point, behind dash panel - centre
- 81 Earth connection -1-, in dash panel wiring harness
- A21 Connection (86s), in dash panel wiring harness

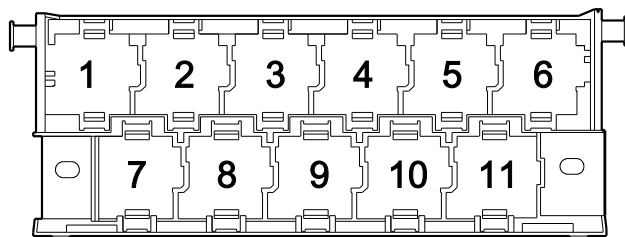
1.4 l/44 kW Motronic, engine codes AKK/ANW

From October 1999

1.4 l/44 kW Motronic, engine codes AKK, from October 1999

For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.

Relay locations on relay plate:



97-25507

2 - Fuel pump relay (167)

4 - Fuel shut-off control unit (405)

6 - X contact relief relay (100)



Note:

♦ The number in brackets behind the part designation denotes the control number on the housing.

Fuse colours

30 A - green

25 A - white

20 A - yellow

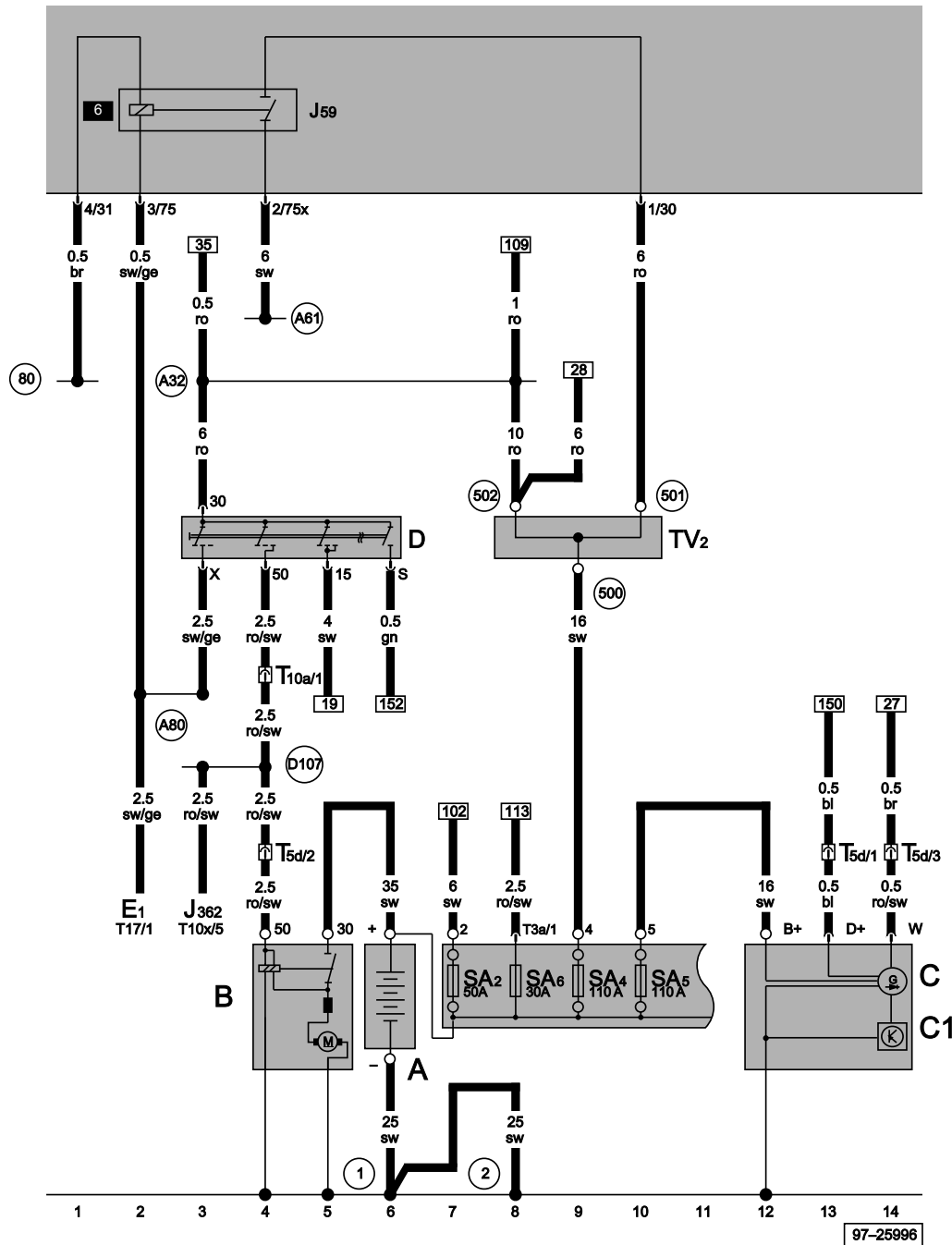
15 A - blue

10 A - red

7.5 A - brown

5 A - beige

3 A - purple

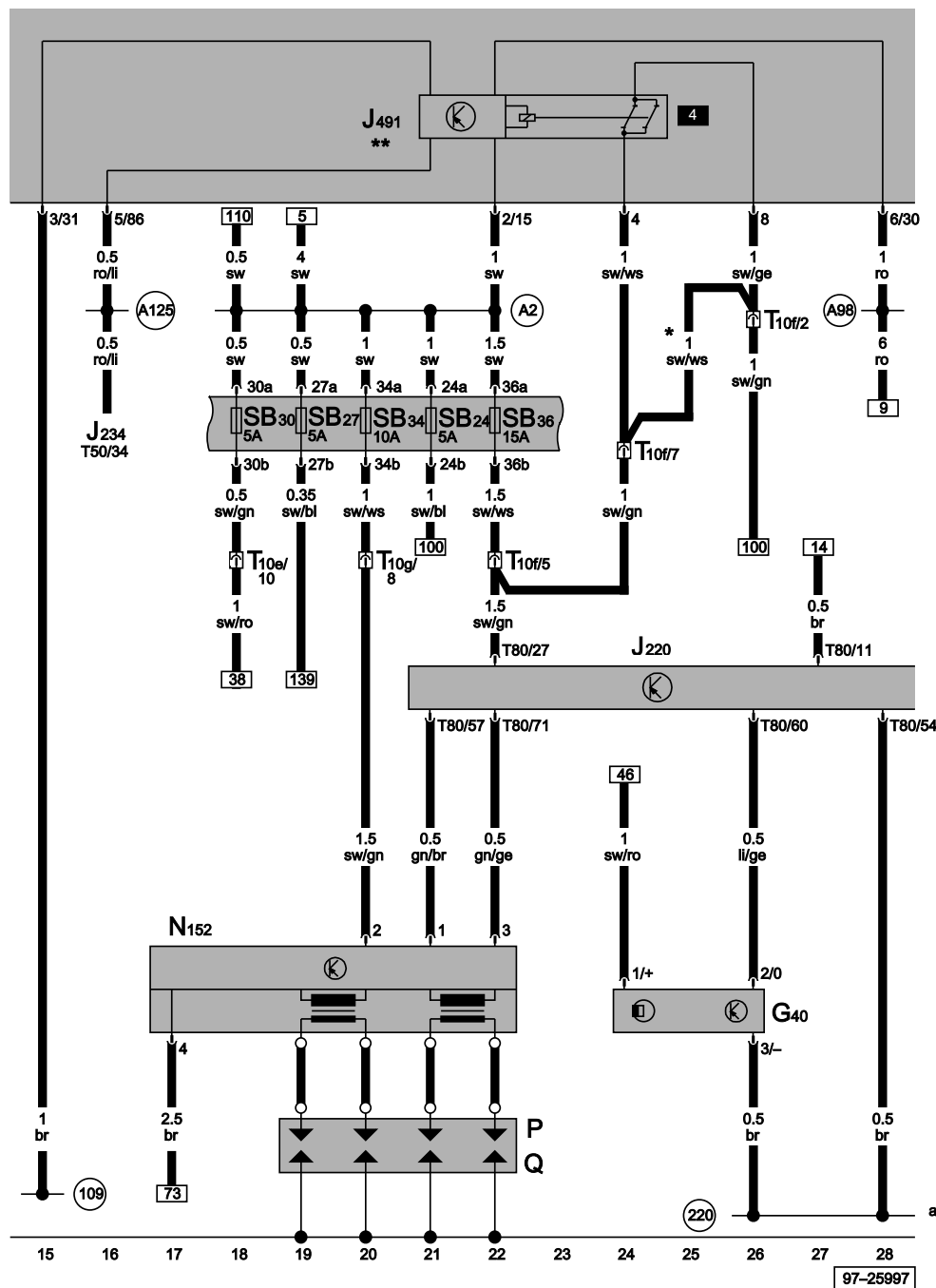


Battery, starter, alternator, voltage regulator, ignition/
starter switch, terminal 30 junction box, X contact relief
relay

- A Battery
- B Starter
- C Alternator
- C1 Voltage regulator
- D Ignition/starter switch
- E1 Lighting switch
- J59 X contact relief relay
- J362 Immobilizer control unit
- SA2 Fuse -2- on battery fuse box
- SA4 Fuse -4- on battery fuse box
- SA5 Fuse -5- on battery fuse box
- SA6 Fuse -6- on battery fuse box
- TV2 Terminal 30 junction box
- T3a 3-pin connector, in battery
- T5d 5-pin connector, in engine, near gearbox
- T10a 10-pin connector, black, in protective housing for connectors
- T10x 10-pin connector
- T17 17-pin connector

- 1 Earth strap, battery - body
- 2 Earth strap, gearbox - body
- 80 Earth connection -1-, in instruments wiring harness
- 500 Screw connection -1- (30), on relay plate
- 501 Screw connection -2- (30), on relay plate
- 502 Screw connection -1- (30a), on relay plate
- A32 Positive (+) connection (30), in dash panel wiring harness
- A61 Positive (+) connection (X), in instruments wiring harness
- A80 Connection -1- (X), in dash panel wiring harness
- D107 Connection -5-, in engine compartment wiring harness

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



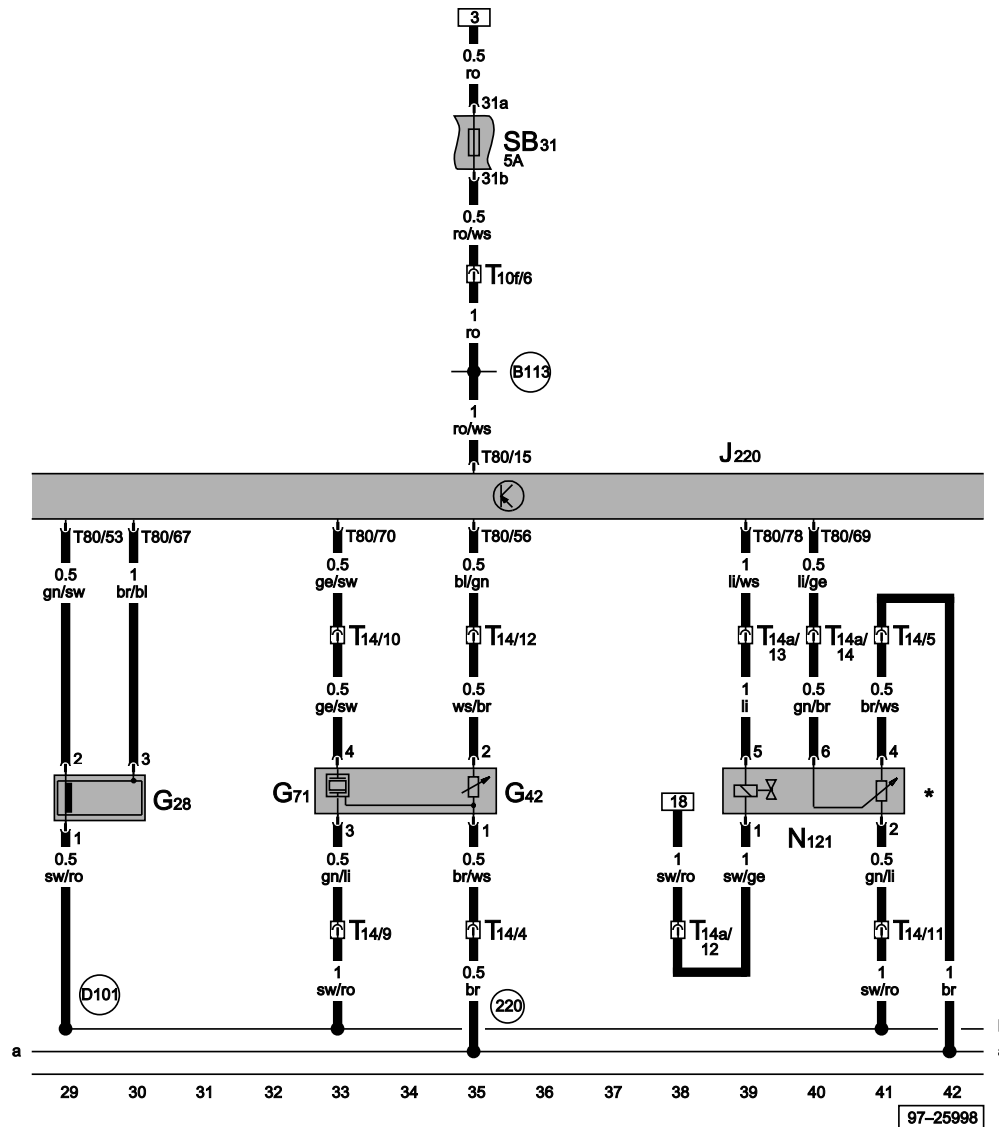
Motronic control unit, hall sender, ignition transformer, spark plug connector, spark plugs, fuel shut-off control unit (crash)

- G40 Hall sender
- J220 Motronic control unit
- J234 Airbag control unit
- J491 Fuel shut-off control unit (crash)
- N152 Ignition transformer
- P Spark plug connector
- Q Spark plugs
- SB24 Fuse -24- on fuse box
- SB27 Fuse -27- on fuse box
- SB30 Fuse -30- on fuse box
- SB34 Fuse -34- on fuse box
- SB36 Fuse -36- on fuse box
- T10e 10-pin connector, green, in protective housing for connectors
- T10f 10-pin connector, purple, in protective housing for connectors
- T10g 10-pin connector, red, in protective housing for connectors
- T50 50-pin connector
- T80 80-pin connector
- 109 Earth connection, in airbag wiring harness
- 220 Earth connection (sender earth), in engine wiring harness
- A2 Positive (+) connection (15), in dash panel wiring harness
- A98 Positive (+) connection -4- (30), in dash panel wiring harness
- A125 Connection (crash signal), in dash panel wiring harness
- * Does not apply to airbag
- ** Only models with airbag

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

Motronic control unit, engine speed sender, intake air temperature sender, intake manifold pressure sender, exhaust gas recirculation frequency valve

- G28 Engine speed sender
- G42 Intake air temperature sender
- G71 Intake manifold pressure sender
- J220 Motronic control unit
- N121 Exhaust gas recirculation frequency valve
- SB31 Fuse -31-on fuse box
- T10f 10-pin connector, purple, in protective housing for connectors
- T14 14-pin connector, in engine
- T14a 14-pin connector, in engine
- T80 80-pin connector
- 220 Earth connection (sender earth), in engine wiring harness
- B113 Positive (+) connection (30a), in left interior wiring harness
- D101 Connection -1-, in engine compartment wiring harness
- * Specific export versions



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

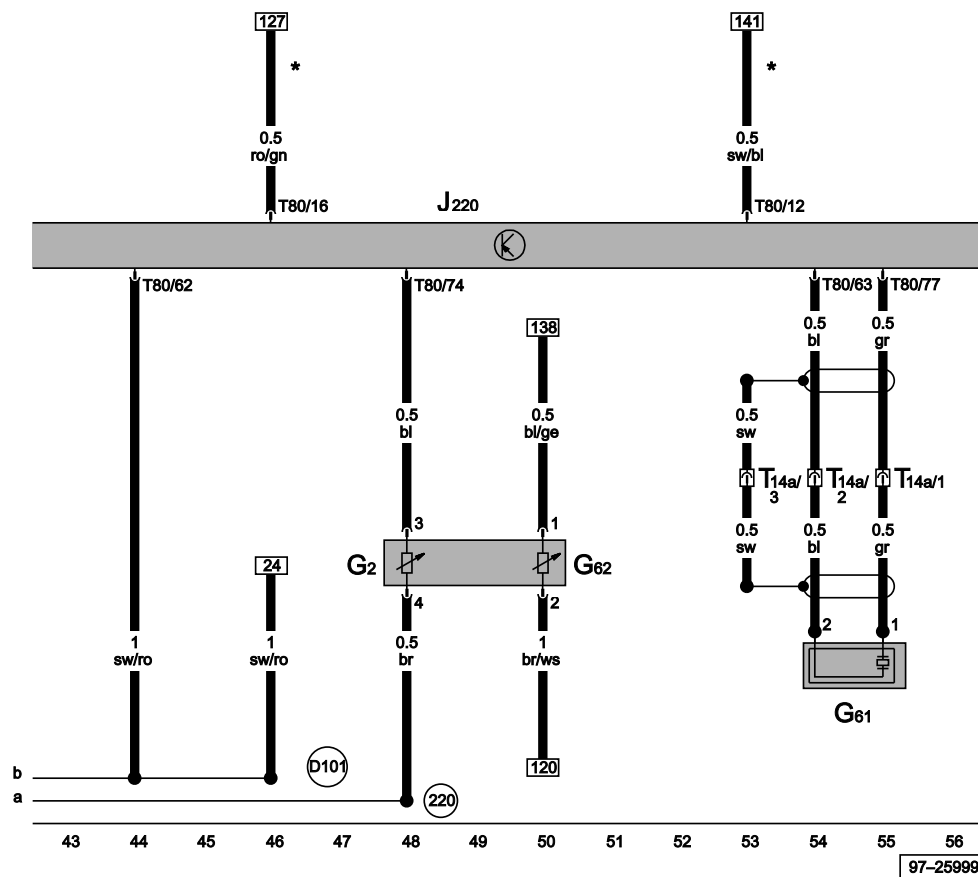
Motronic control unit, coolant temperature sender, knock sensor I

- G2 Coolant temperature sender
- G61 Knock sensor I
- G62 Coolant temperature sender
- J220 Motronic control unit
- T14a 14-pin connector, in engine
- T80 80-pin connector

220 Earth connection (sender earth), in engine wiring harness

D101 Connection -1-, in engine compartment wiring harness

* Specific export versions



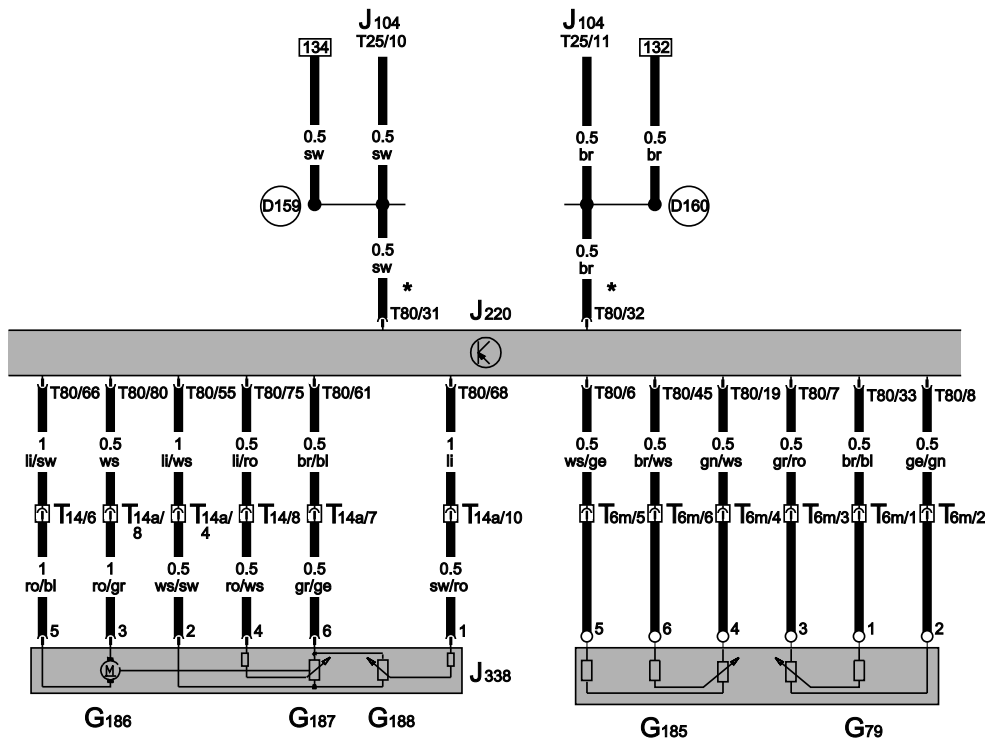
Motronic control unit, throttle valve control unit, accelerator pedal position sender, accelerator pedal position sender -2-, throttle valve drive (electric throttle operation)

- G79 Accelerator pedal position sender
- G185 Accelerator pedal position sender -2-
- G186 Throttle valve drive (electric throttle operation)
- G187 Throttle valve drive angle sender -1- (electric throttle operation)
- G188 Throttle valve drive angle sender -2- (electric throttle operation)
- J104 ABS with EDL control unit
- J220 Motronic control unit
- J338 Throttle valve control unit
- T6m 6-pin connector
- T14 14-pin connector, in engine
- T14a 14-pin connector, in engine
- T25 25-pin connector
- T80 80-pin connector

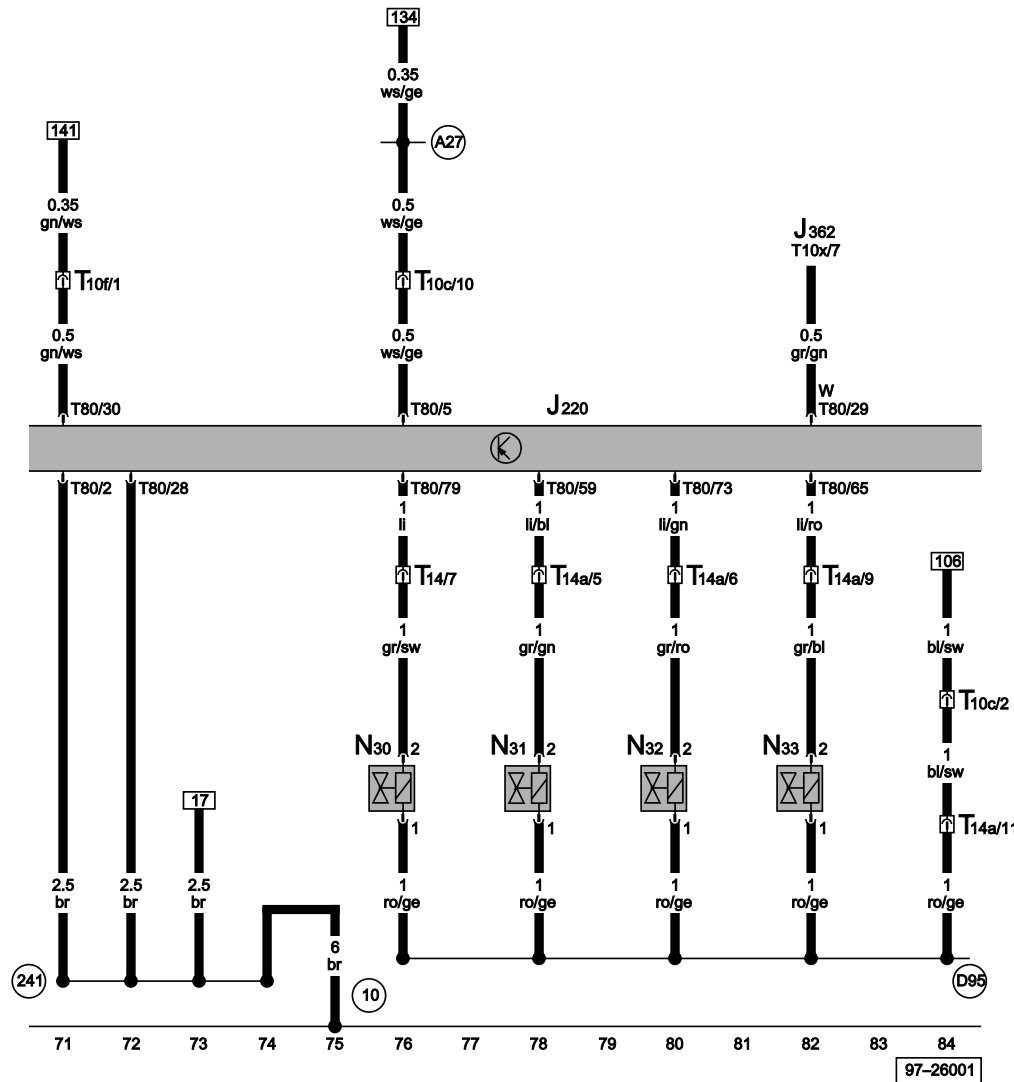
D159 Positive (+) connection (high bus), in engine compartment wiring harness

D160 Positive (+) connection (low bus), in engine compartment wiring harness

* Data wire



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



Motronic control unit, injectors

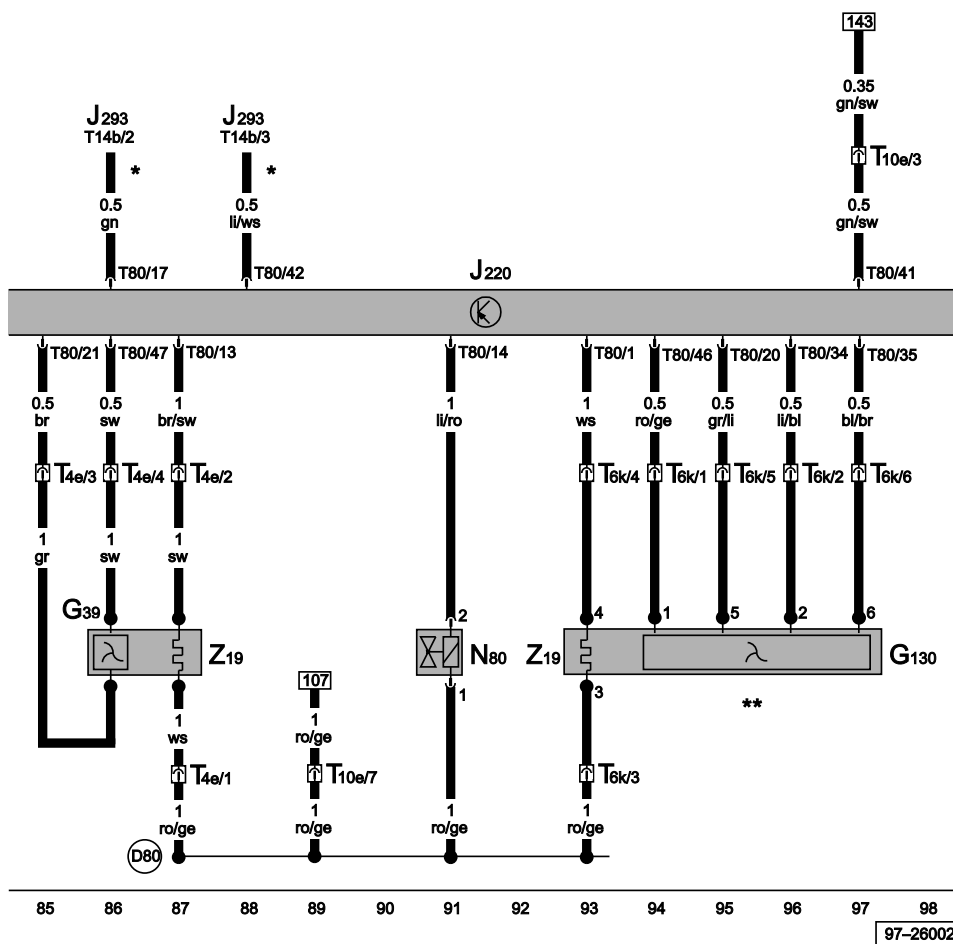
- J220 Motronic control unit
- J362 Immobilizer control unit
- N30 Injector, cylinder 1
- N31 Injector, cylinder 2
- N32 Injector, cylinder 3
- N33 Injector, cylinder 4
- T10c 10-pin connector, brown, in protective housing for connectors
- T10f 10-pin connector, purple, in protective housing for connectors
- T10x 10-pin connector
- T14 14-pin connector, in engine
- T14a 14-pin connector, in engine
- T80 80-pin connector
- 10 Earth point, in plenum chamber
- 241 Earth connection -2-, engine earth, in engine wiring harness
- A27 Connection (speed signal), in dash panel wiring harness
- D95 Connection (injectors), in engine compartment wiring harness

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

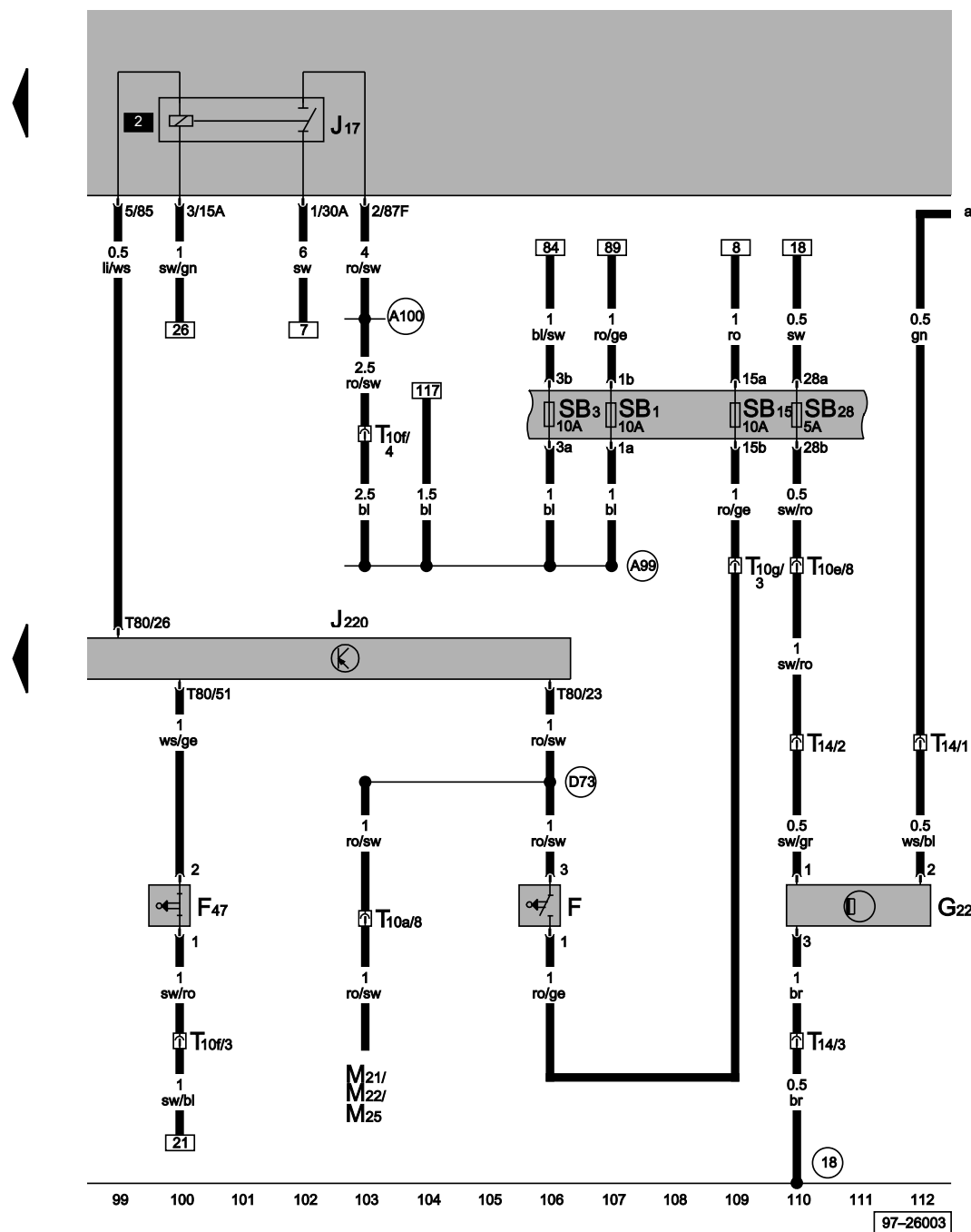


Motronic control unit, lambda probe, lambda probe downstream of catalytic converter, lambda probe heater, activated charcoal filter system solenoid valve 1 (pulsed)

- G39 Lambda probe
- G130 Lambda probe downstream of catalytic converter
- J220 Motronic control unit
- J293 Radiator fan control unit
- N80 Activated charcoal filter system solenoid valve 1 (pulsed)
- T4e 4-pin connector, in engine
- T6k 6-pin connector, in exhaust pipe
- T10e 10-pin connector, green, in protective housing for connectors
- T14b 14-pin connector, in engine compartment, left
- T80 80-pin connector
- Z19 Lambda probe heater
- D80 Positive (+) connection (87a - for active charcoal filter system solenoid), in engine compartment wiring harness
- * Only models with air conditioner
- ** Specific export versions

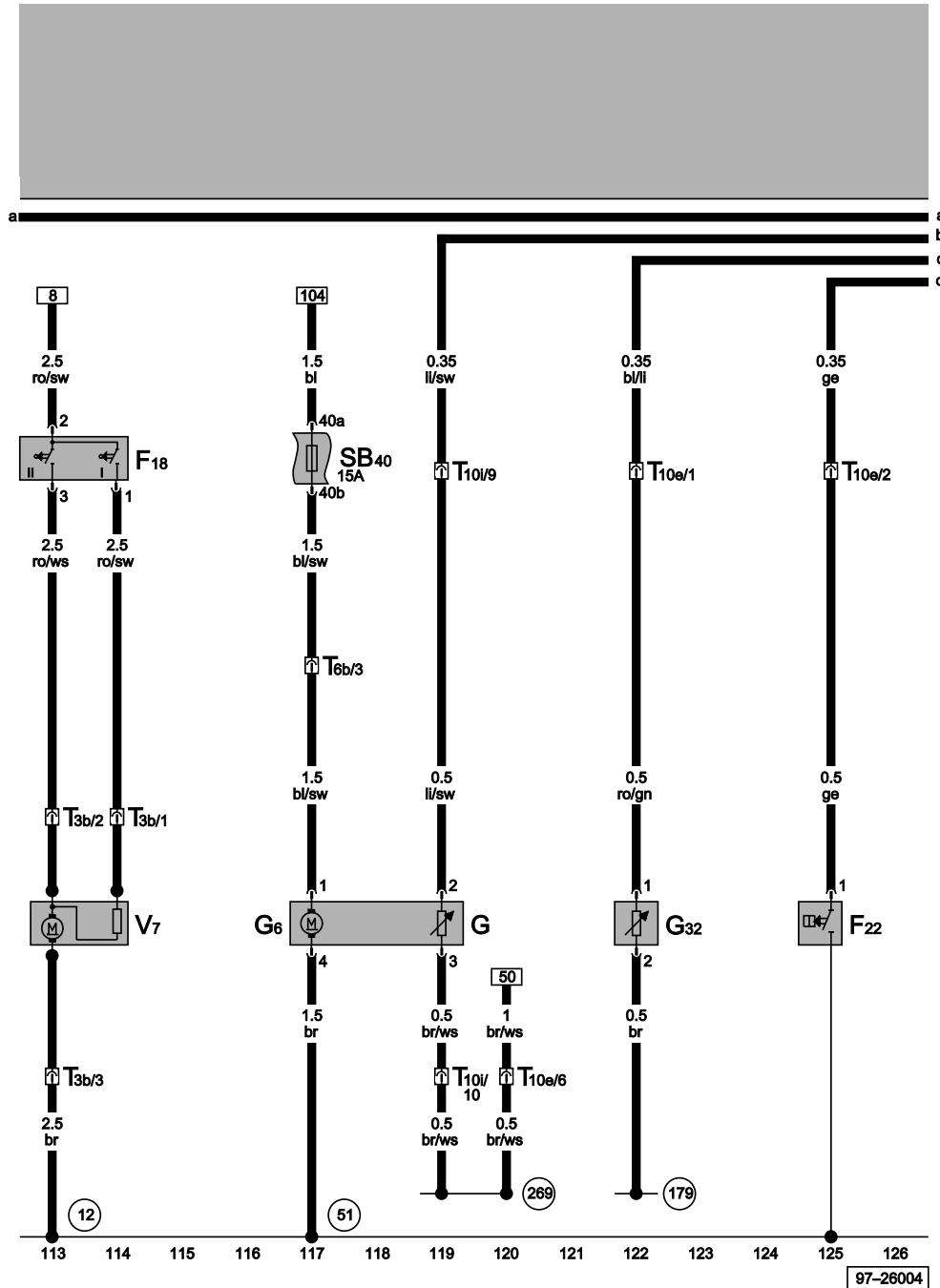


- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink



Motronic control unit, brake light switch, cruise control system brake pedal switch (diesel direct injection system), speedometer sender (hall sender, on gearbox), fuel pump relay

- F Brake light switch
- F47 Cruise control system brake pedal switch (diesel direct injection system)
- G22 Speedometer sender (Hall sender, on gearbox)
- J17 Fuel pump relay
- J220 Motronic control unit
- M21 Brake and tail light bulb, left
- M22 Brake and tail light bulb, right
- M25 High level brake light bulb
- SB1 Fuse -1- on fuse box
- SB3 Fuse -3- on fuse box
- SB15 Fuse -15- on fuse box
- SB28 Fuse -28- on fuse box
- T10a 10-pin connector, black, in protective housing for connectors
- T10e 10-pin connector, green, in protective housing for connectors
- T10f 10-pin connector, purple, in protective housing for connectors
- T10g 10-pin connector, red, in protective housing for connectors
- T14 14-pin connector, in engine
- T80 80-pin connector
- 18 Earth point, on engine block
- A99 Connection -1- (87), in dash panel wiring harness
- A100 Connection -2- (87), in dash panel wiring harness
- D73 Positive (+) connection (54), in engine compartment wiring harness



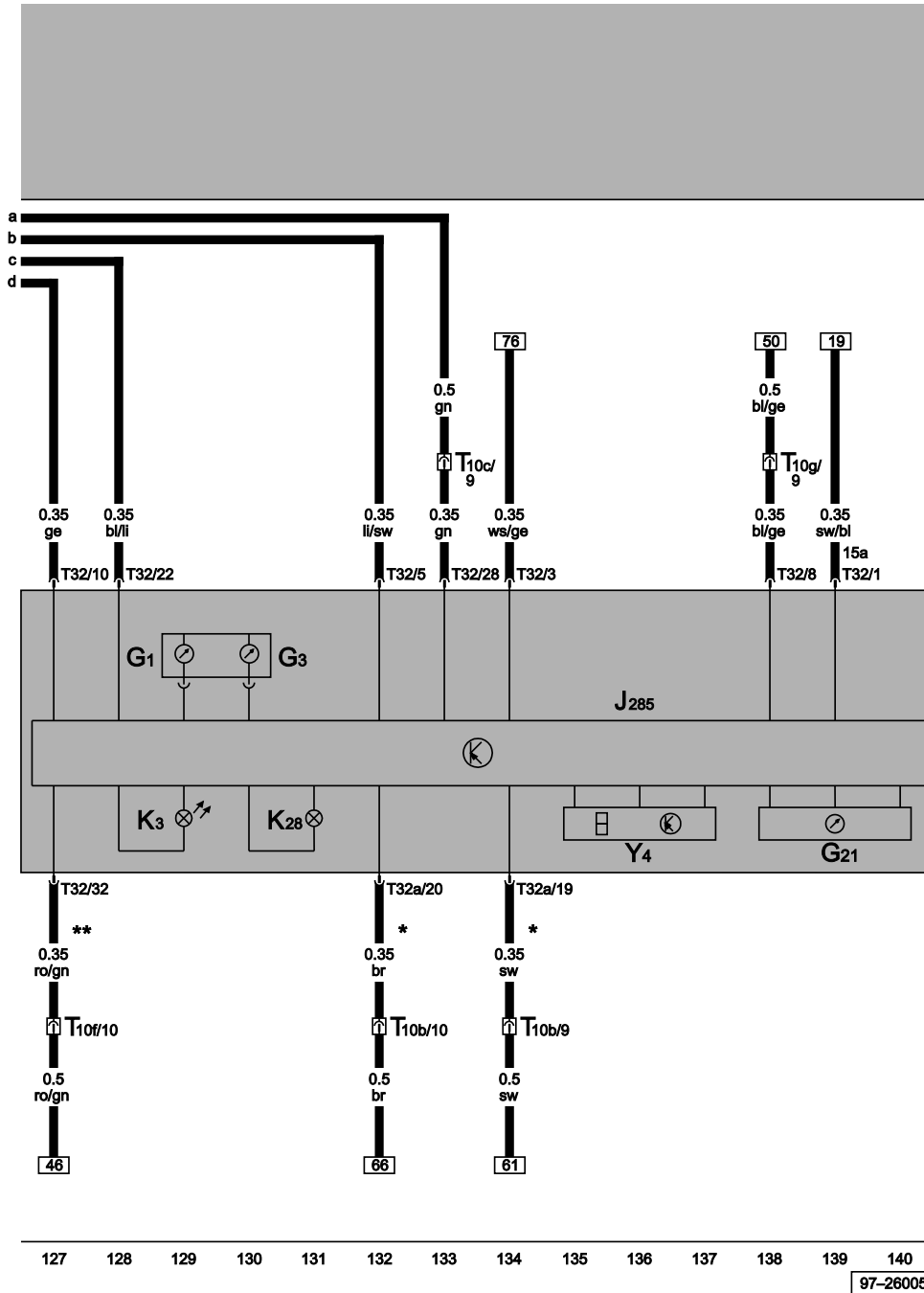
Radiator fan thermo-switch, oil pressure switch (0.3 bar), fuel gauge sender, fuel pump (pre-supply pump), coolant shortage indicator sender

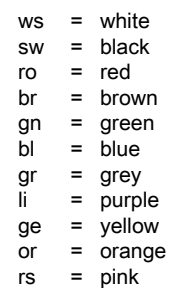
- F18 Radiator fan thermo-switch
- F22 Oil pressure switch (0.3 bar)
- G Fuel gauge sender
- G6 Fuel pump (pre-supply pump)
- G32 Coolant shortage indicator sender
- SB40 Fuse -40- on fuse box
- T3b 3-pin connector, in engine compartment, front left
- T6b 6-pin connector, grey, in protective housing for connectors
- T10e 10-pin connector, green, in protective housing for connectors
- T10i 10-pin connector, orange, in protective housing for connectors
- V7 Radiator fan
- 12 Earth point, in engine compartment, left
- 51 Earth point, in right luggage compartment
- 179 Earth connection, in left headlight wiring harness
- 269 Earth connection (sender earth) -1-, in dash panel wiring harness

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

Control unit with display in dash panel insert fuel gauge, coolant temperature gauge, speedometer, oil pressure warning lamp, coolant temperature/coolant shortage warning lamp

- G1 Fuel gauge
- G3 Coolant temperature gauge
- G21 Speedometer
- J285 Control unit with display in dash panel insert
- K3 Oil pressure warning lamp
- K28 Coolant temperature/coolant shortage warning lamp
- T10b 10-pin connector, white, in protective housing for connectors
- T10c 10-pin connector, brown, in protective housing for connectors
- T10f 10-pin connector, purple, in protective housing for connectors
- T10g 10-pin connector, red, in protective housing for connectors
- T32 32-pin connector, blue
- T32a 32-pin connector, green
- Y4 Odometer display
- * Data wire
- ** Specific export versions





45	Earth point, behind dash panel - centre
81	Earth connection -1-, in dash panel wiring harness
A21	Connection (86s), in dash panel wiring harness
*	Specific export versions

Four-speed automatic gearbox (AG4)

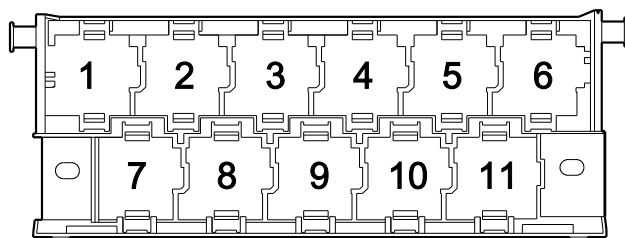
From October 1999

•1.6 l Simos/74 kW, engine codes APF/AEH

From October 1999

For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.

Relay locations on relay plate:



97-25507

3 - Starter inhibitor relay (175)

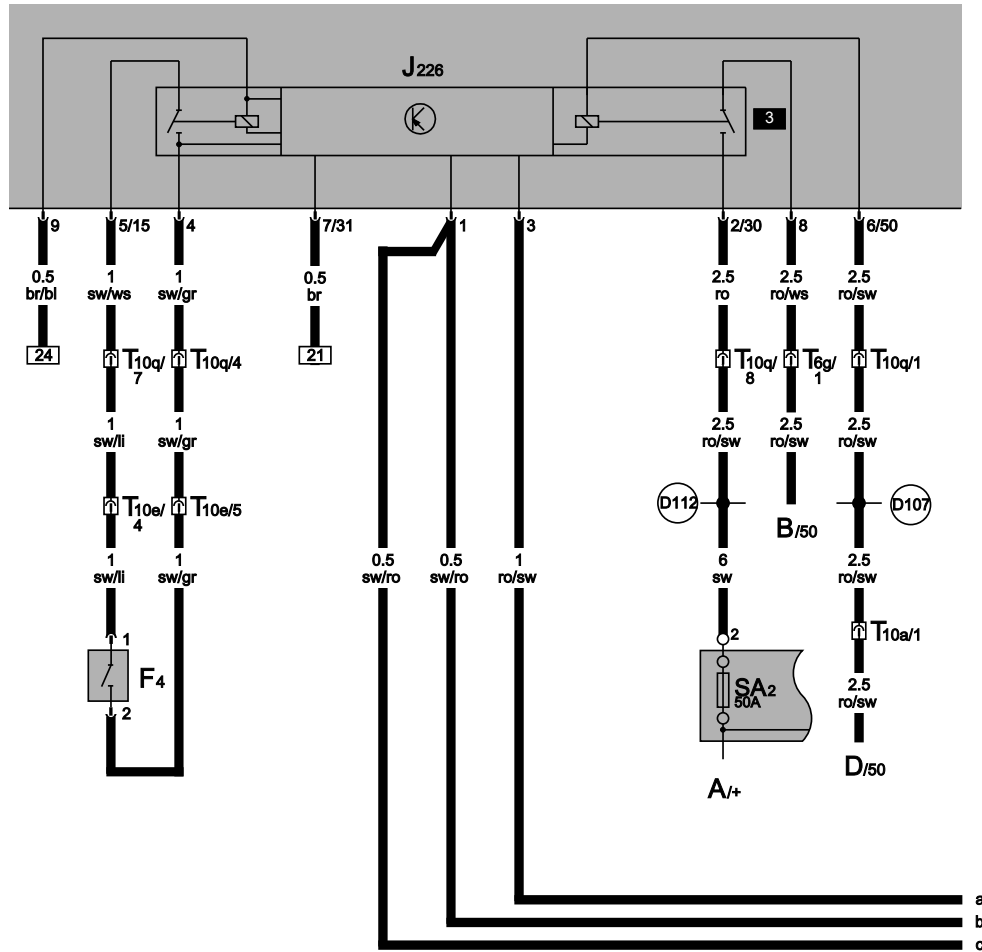


Note:

♦ *The number in brackets behind the part designation denotes the control number on the housing.*

Fuse colours

30 A - green
 25 A - white
 20 A - yellow
 15 A - blue
 10 A - red
 7.5 A - brown
 5 A - beige
 3 A - purple



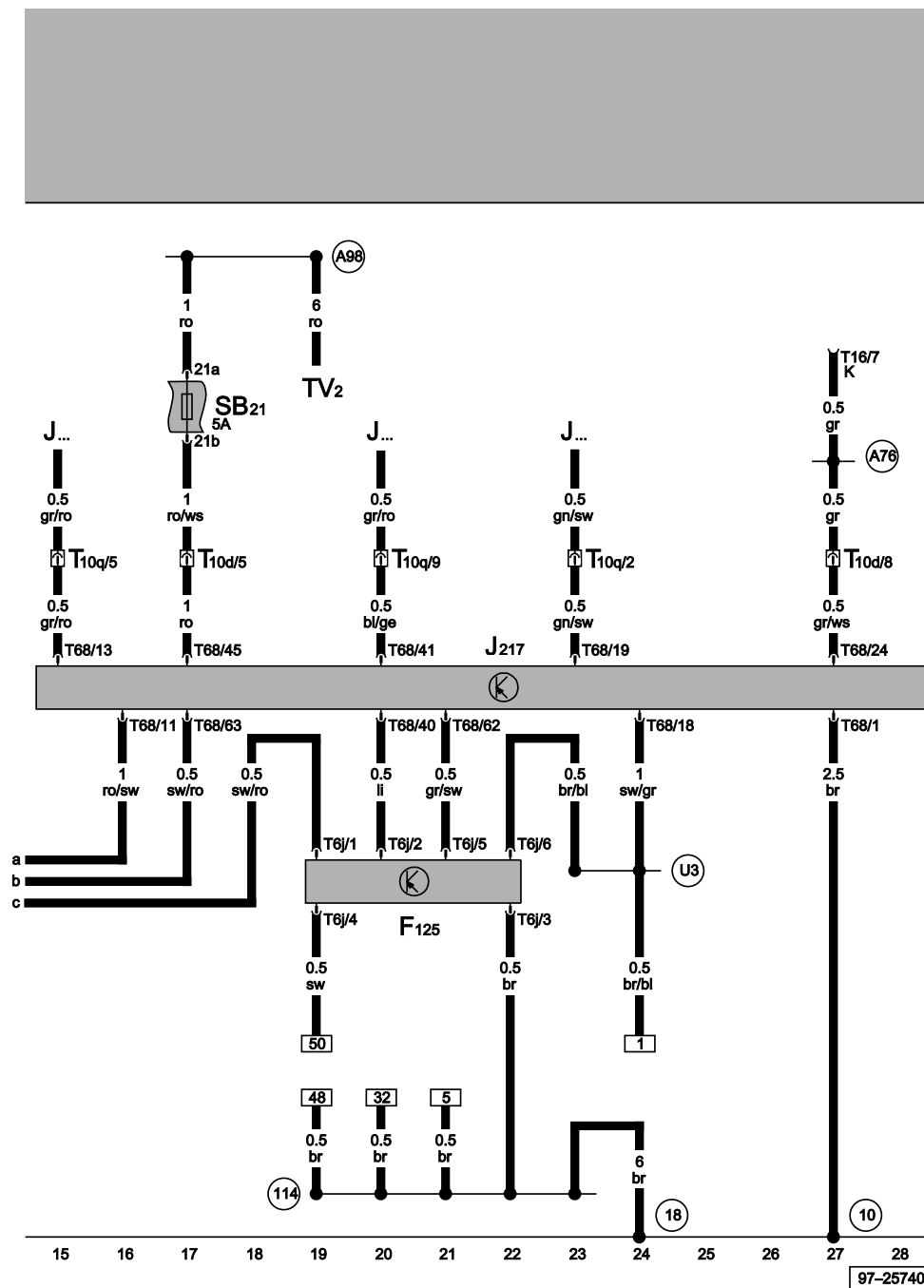
Starter inhibitor and reversing light relay, reversing light switch

- A Battery
- B Starter
- D Ignition/starter switch
- F4 Reversing light switch
- J226 Starter inhibitor and reversing light relay
- SA2 Fuse -2- on battery fuse box
- T6g 6-pin connector, black, in protective housing for connectors
- T10a 10-pin connector, black, in protective housing for connectors
- T10e 10-pin connector, green, in protective housing for connectors
- T10q 10-pin connector, blue, in protective housing for connectors

D107 Connection -5-, in engine compartment wiring harness

D112 Connection -10-, in engine compartment wiring harness

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

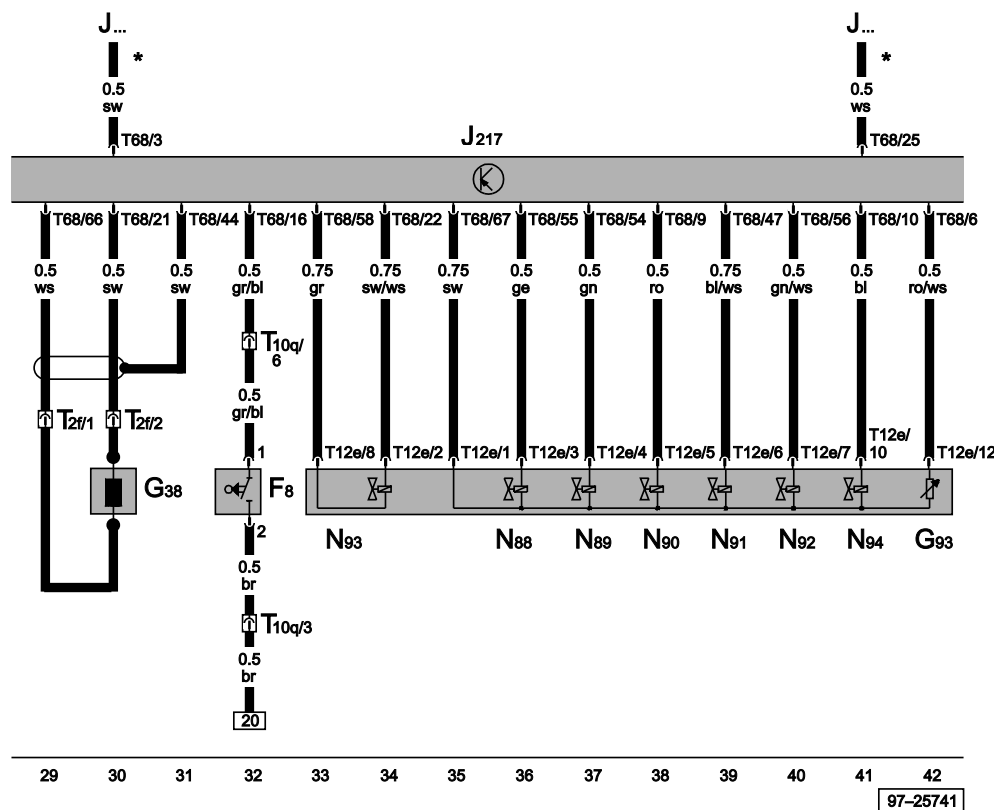


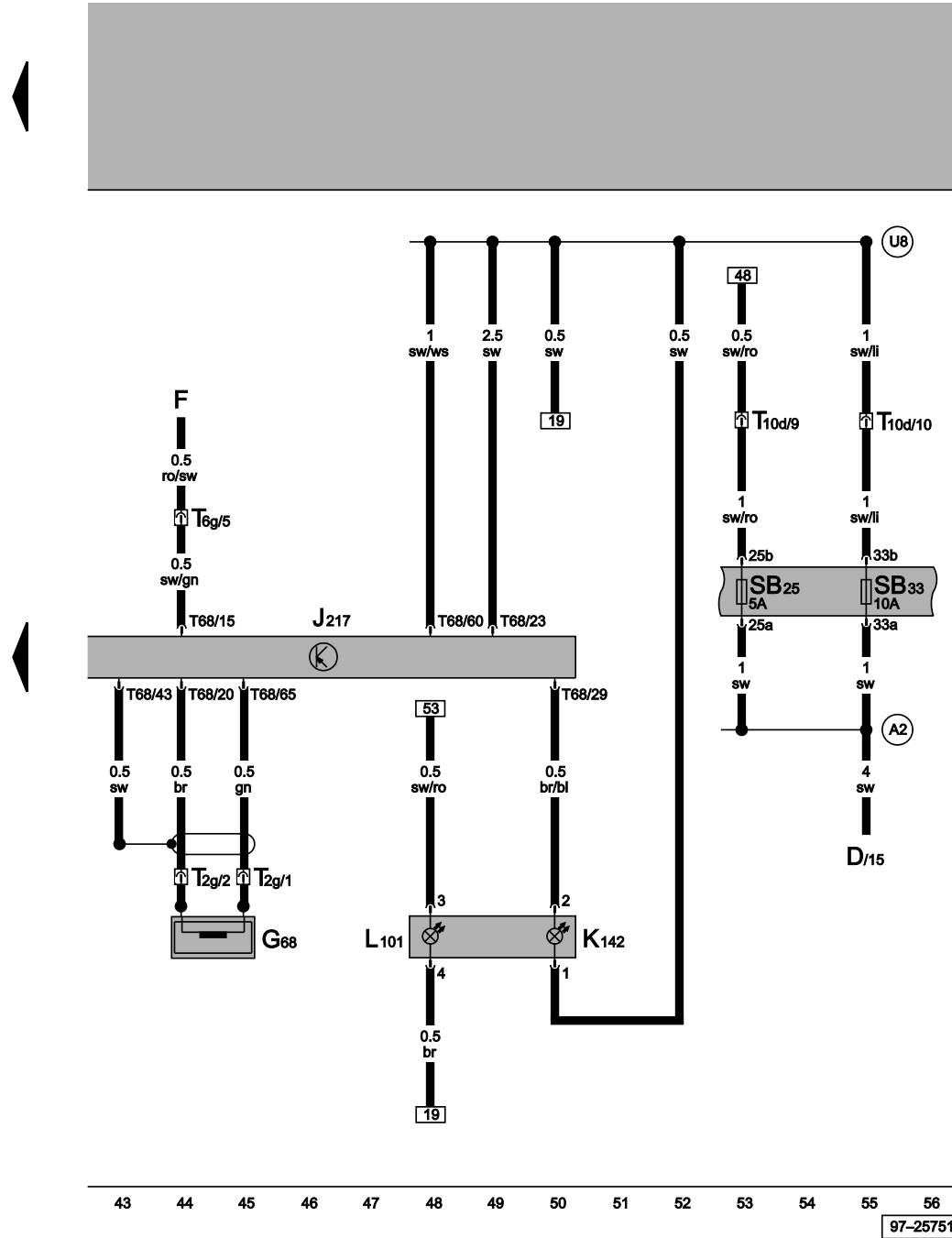
Automatic gearbox control unit, multi-function switch

- F125 Multi-function switch
- J... Engine control units
- J217 Automatic gearbox control unit
- SB21 Fuse -21- on fuse box
- TV2 Terminal 30 junction box
- T6j 6-pin connector, multi-function switch
- T10d 10-pin connector, pink, in protective housing for connectors
- T10q 10-pin connector, blue, in protective housing for connectors
- T16 16-pin connector, diagnosis
- T68 68-pin connector
- 10 Earth point, in plenum chamber
- 18 Earth point, on engine block
- 114 Earth connection, in automatic gearbox wiring harness
- A76 Connection (diagnosis wire K), in dash panel wiring harness
- A98 Positive (+) connection -4- (30), in dash panel wiring harness
- U3 Connection -1-, in automatic gearbox wiring control unit

Automatic gearbox control unit, kick-down switch, gearbox speed sender, oil temperature sender, solenoid valve 1, solenoid valve 2, solenoid valve 3

- F8 Kick-down switch
- G38 Gearbox speed sender
- G93 Gearbox oil temperature sender
- J... Engine control units
- J217 Automatic gearbox control unit
- N88 Solenoid valve 1
- N89 Solenoid valve 2
- N90 Solenoid valve 3
- N91 Solenoid valve 4
- N92 Solenoid valve 5
- N93 Solenoid valve 6
- N94 Solenoid valve 7
- T2f 2-pin connector, on gearbox
- T10q 10-pin connector, blue, in protective housing for connectors
- T12e 12-pin connector
- T68 68-pin connector
- * Data wire





Automatic gearbox control unit, vehicle speed sender (inductive sender, 2 connections), selector lever position P/N warning lamp, selector lever display illumination

- D Ignition/starter switch
- F Brake light switch
- G68 Vehicle speed sender (inductive sender, 2 connections)
- J217 Automatic gearbox control unit
- K142 Selector lever position P/N warning lamp
- L101 Selector lever display illumination
- SB25 Fuse -25- on fuse box
- SB33 Fuse -33- on fuse box
- T2g 2-pin connector, on gearbox
- T6g 6-pin connector, black, in protective housing for connectors
- T10d 10-pin connector, pink, in protective housing for connectors
- T68 68-pin connector
- A2 Positive (+) connection (15), in dash panel wiring harness
- U8 Positive (+) connection (15a), in automatic gearbox wiring harness

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

Radiator fan, 2 speed

⇒ 1,6 l Simos/74 kW, engine codes APF

From October 1999

Radiator fan, 2 speed

⇒ 1,6 l Simos/74 kW, engine codes AUR

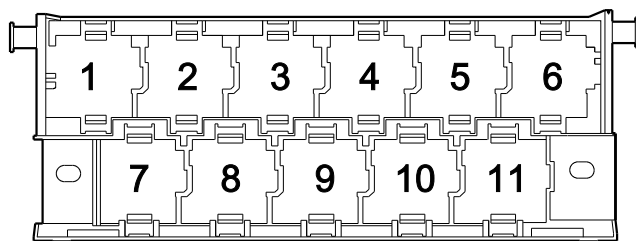
⇒ 1,9 l/66 kW turbo-diesel engine, engine codes AGR, ALH

⇒ 1,9 l TDI/81kW, engine codes ASV, ASK

From May 2000

For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.

Relay locations on relay plate:



97-22850

1 - Radiator fan V7 and V35 relay, 1st speed



Note:

♦ The number in brackets behind the part designation denotes the control number on the housing.

Fuse colours

30 A - green

25 A - white

20 A - yellow

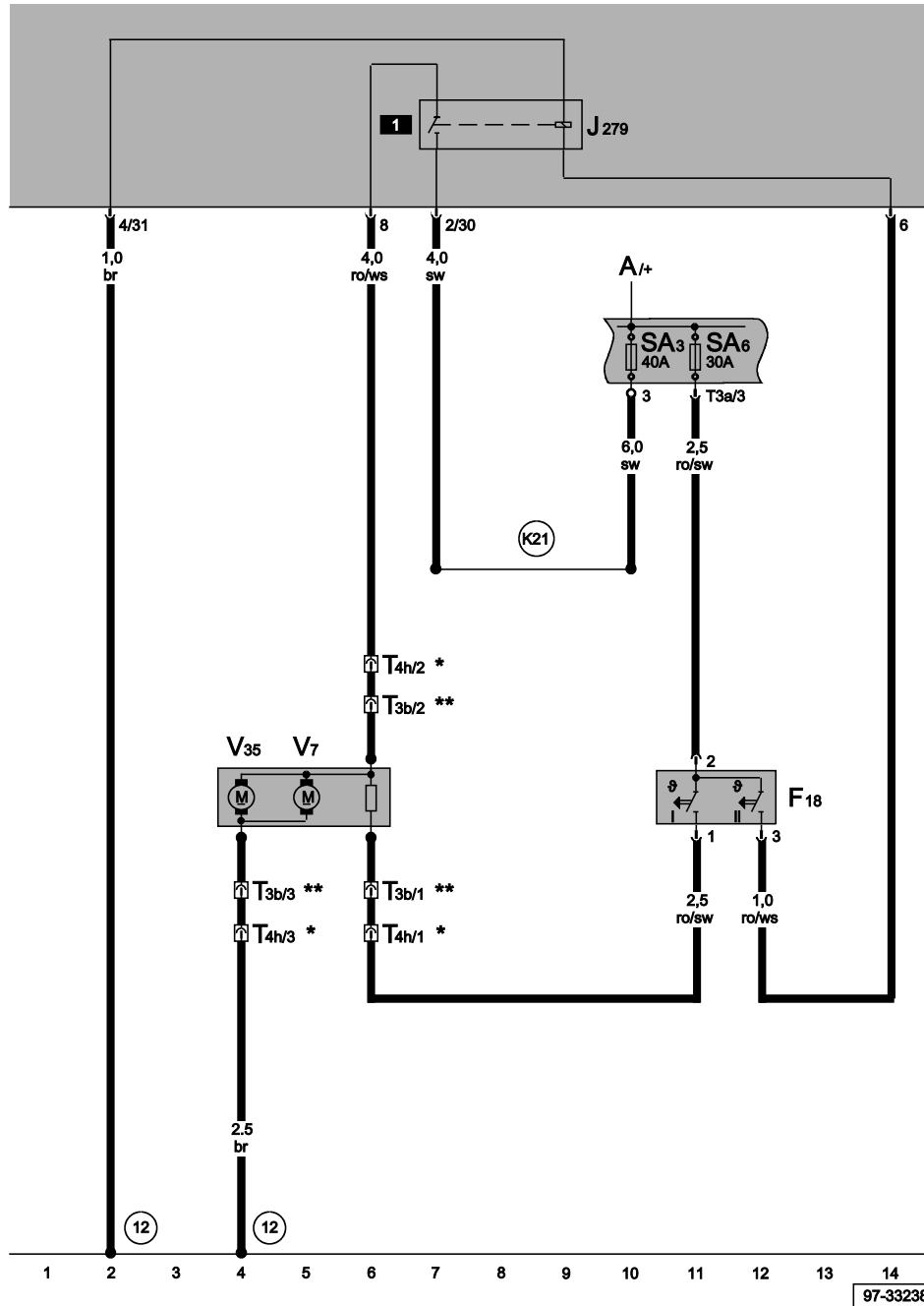
15 A - blue

10 A - red

7.5 A - brown

5 A - beige

3 A - purple



Radiator fan thermo-switch, radiator fan V7 and V35 relay, 1st speed, radiator fan, radiator fan, right

- A Battery
- F18 Radiator fan thermo-switch
- J279 Radiator fan V7 and V35 relay, 1st speed
- SA3 Fuse -3- on battery fuse box
- SA6 Fuse -6- on battery fuse box
- T3a 3-pin connector, on battery fuse box
- T3b 3-pin connector, on radiator fan
- T4h 4-pin connector, on radiator fan
- V7 Radiator fan
- V35 Radiator fan, right

12 Earth point, left in engine compartment

K21 Connection -1-, in radiator fan wiring harness

* Only for engine codes APF

** Only for engine codes AUR, AGR, ALH, ASV, ASK

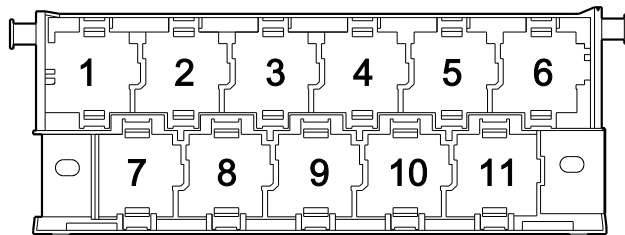
ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink

Dual tone horn

From October 1999

For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.

Relay locations on relay plate:



97-25507

10 - Dual tone horn relay (53)

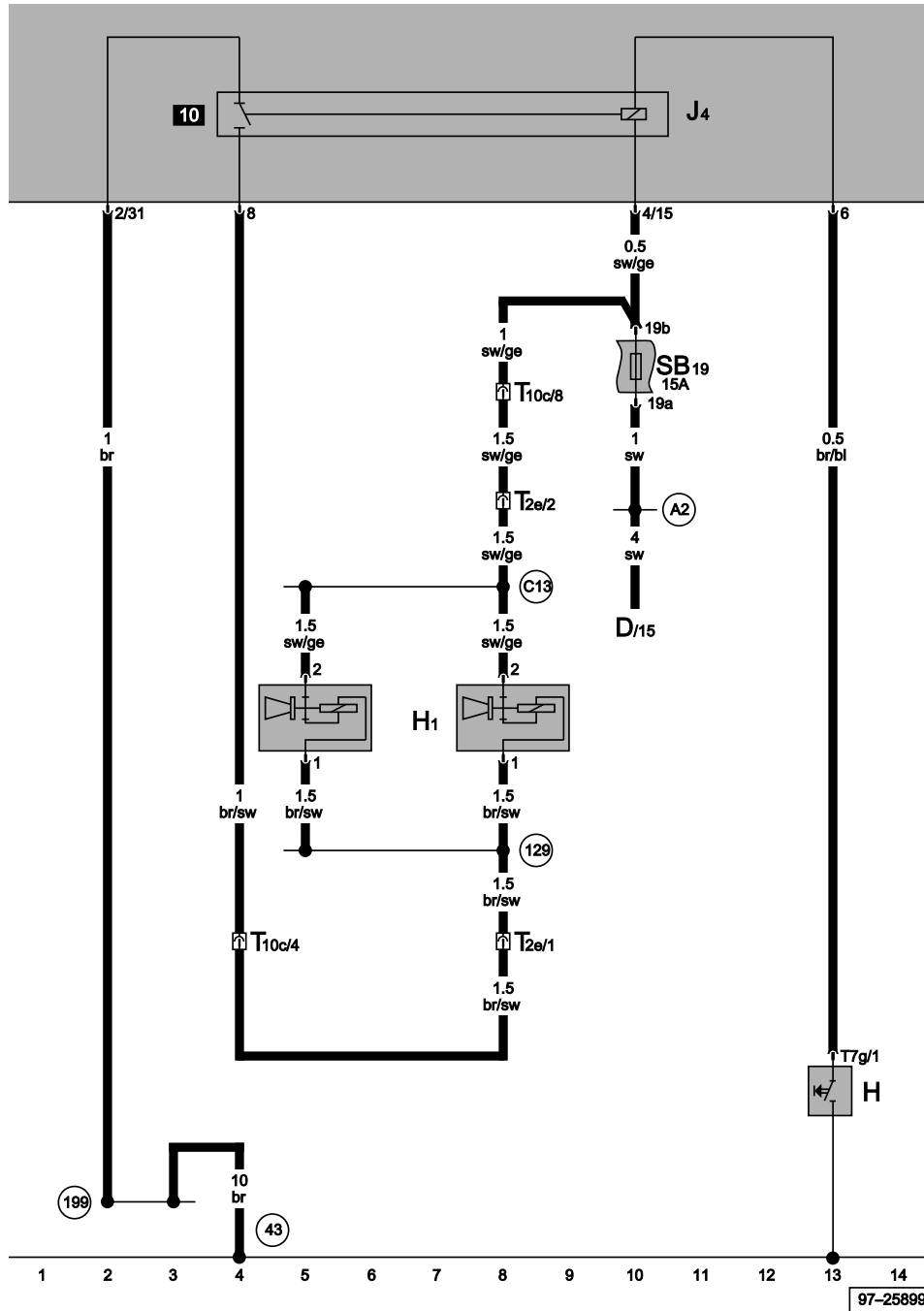


Note:

♦ *The number in brackets behind the part designation denotes the control number on the housing.*

Fuse colours

30 A - green
 25 A - white
 20 A - yellow
 15 A - blue
 10 A - red
 7.5 A - brown
 5 A - beige
 3 A - purple



Horn/dual tone horn, horn plate, dual tone horn relay

- D Ignition/starter switch
- H Horn plate
- H1 Horn/dual tone horn
- J4 Dual tone horn relay
- SB19 Fuse -19- on fuse box
- T2e 2-pin connector, black
- T7g 7-pin connector
- T10c 10-pin connector, brown, in protective housing for connectors

- 43 Earth point, lower part of right A-pillar
- 129 Earth connection, in dual tone horn wiring harness
- 199 Earth connection -3-, in dash panel wiring harness
- A2 Positive (+) connection (15), in dash panel wiring harness
- C13 Positive (+) connection, in dual tone horn wiring harness

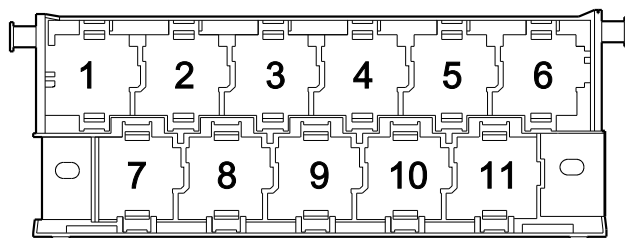
ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Air conditioner

- ⇒ 1.0 l 16V MPI-RSH/ 51 kW, engine code AFR
- ⇒ 1.4 l MPI-RSH/44 kW, engine code AKK/ANW
- ⇒ 1.4 l 16V MPI-RSH/ 55 kW, engine code APE
- ⇒ 1.4 l 16V MPI-RSH/ 74 kW, engine code AQQ
- ⇒ 1.6 l Simos/ 74 kW, engine code APF/AKL/AEH

From October 1999

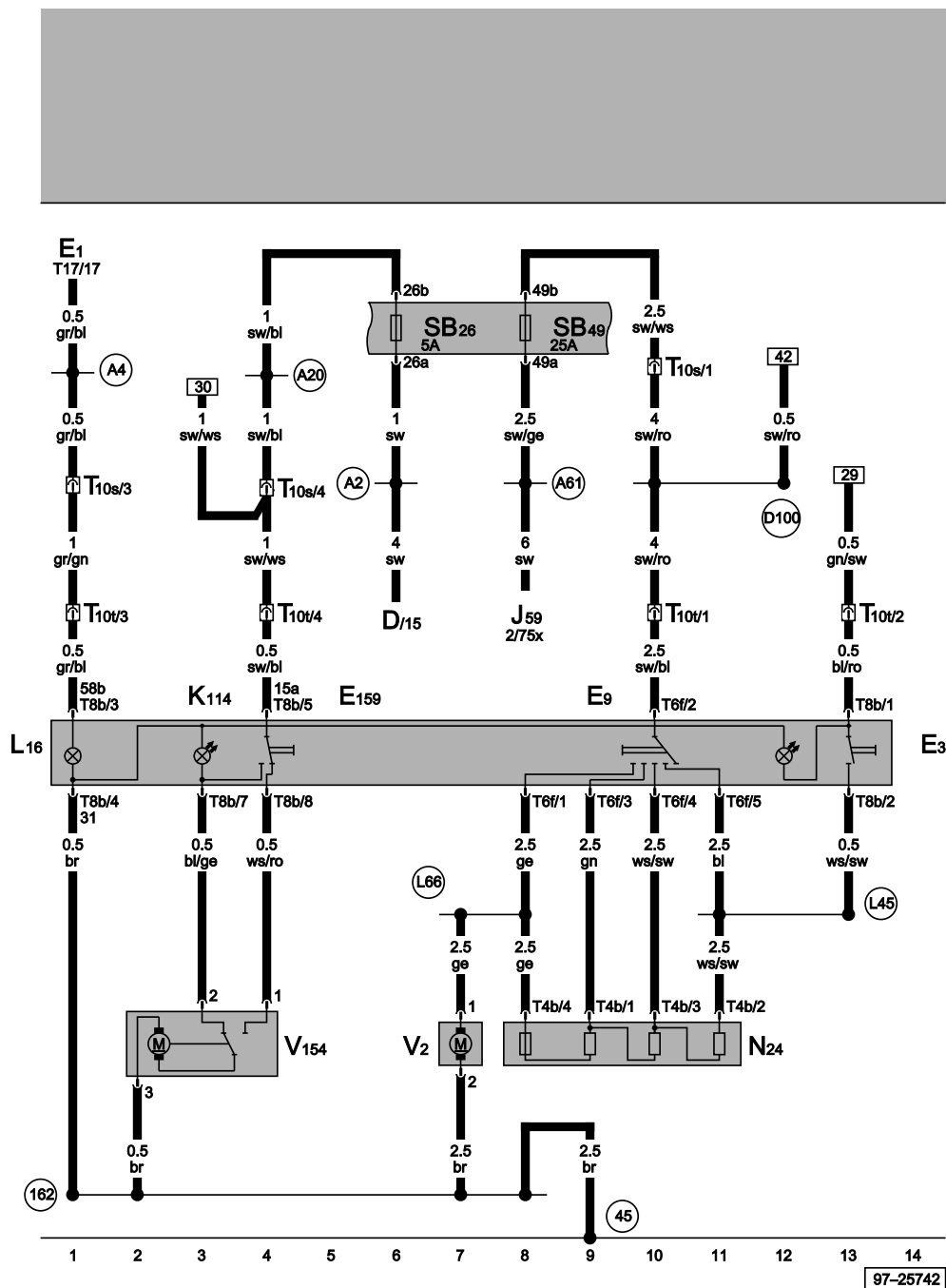
For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.



97-25507

Fuse colours

- 30 A - green
- 25 A - white
- 20 A - yellow
- 15 A - blue
- 10 A - red
- 7.5 A - brown
- 5 A - beige
- 3 A - purple



Fresh air blower switch, air conditioner switch, fresh air/air recirculating flap switch

- D Ignition/starter switch
- E1 Lighting switch
- E9 Fresh air blower switch
- E35 Air conditioner switch
- E159 Fresh air/air recirculating flap switch
- J59 X contact relief relay
- L16 Fresh air control light bulb
- N24 Fresh air blower with overheating fuse series resistor
- SB26 Fuse -26- on fuse box
- SB49 Fuse -49- on fuse box
- T4b 4-pin connector
- T6f 6-pin connector
- T8b 8-pin connector
- T10s 10-pin connector, black
- T10t 10-pin connector
- T17 17-pin connector
- V2 Fresh air blower
- V154 Fresh/recirculating air flap control motor
- K114 Fresh air/air recirculation warning lamp
- 45 Earth point, behind dash panel - centre
- 162 Earth connection, in blower motor wiring harness
- A2 Positive (+) connection (15), in dash panel wiring harness
- A4 Positive (+) connection (58b), in dash panel wiring harness
- A20 Connection (15a), in dash panel wiring harness
- A61 Positive (+) connection (X), in instruments wiring harness
- D100 Positive (+) connection -2- (15), in engine compartment wiring harness
- L45 Connection, in air conditioner control wiring harness
- L66 Connection, in heater blower wiring harness

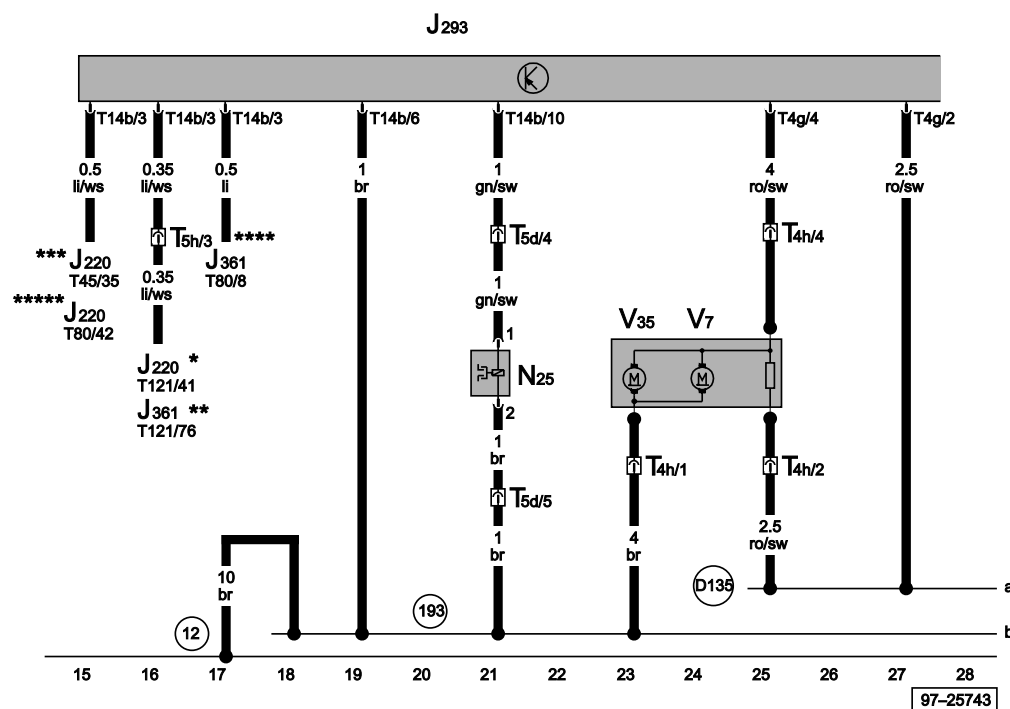
ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink

Radiator fan control unit, air conditioner system, magnetic coupling, radiator fan, radiator fan right

- J220 Motronic control unit
- J293 Radiator fan control unit
- J361 Simos control unit
- N25 Air conditioning system magnetic coupling
- T4h 4-pin connector, black, in radiator
- T4g 4-pin connector, in engine compartment, left
- T5d 5-pin connector, in engine, near gearbox
- T5h 5-pin connector, brown, in protective housing for connectors
- T14b 14-pin connector, in engine compartment, left
- T45 45-pin connector
- T80 80-pin connector
- T121 121-pin connector
- V7 Radiator fan
- V35 Radiator fan, right

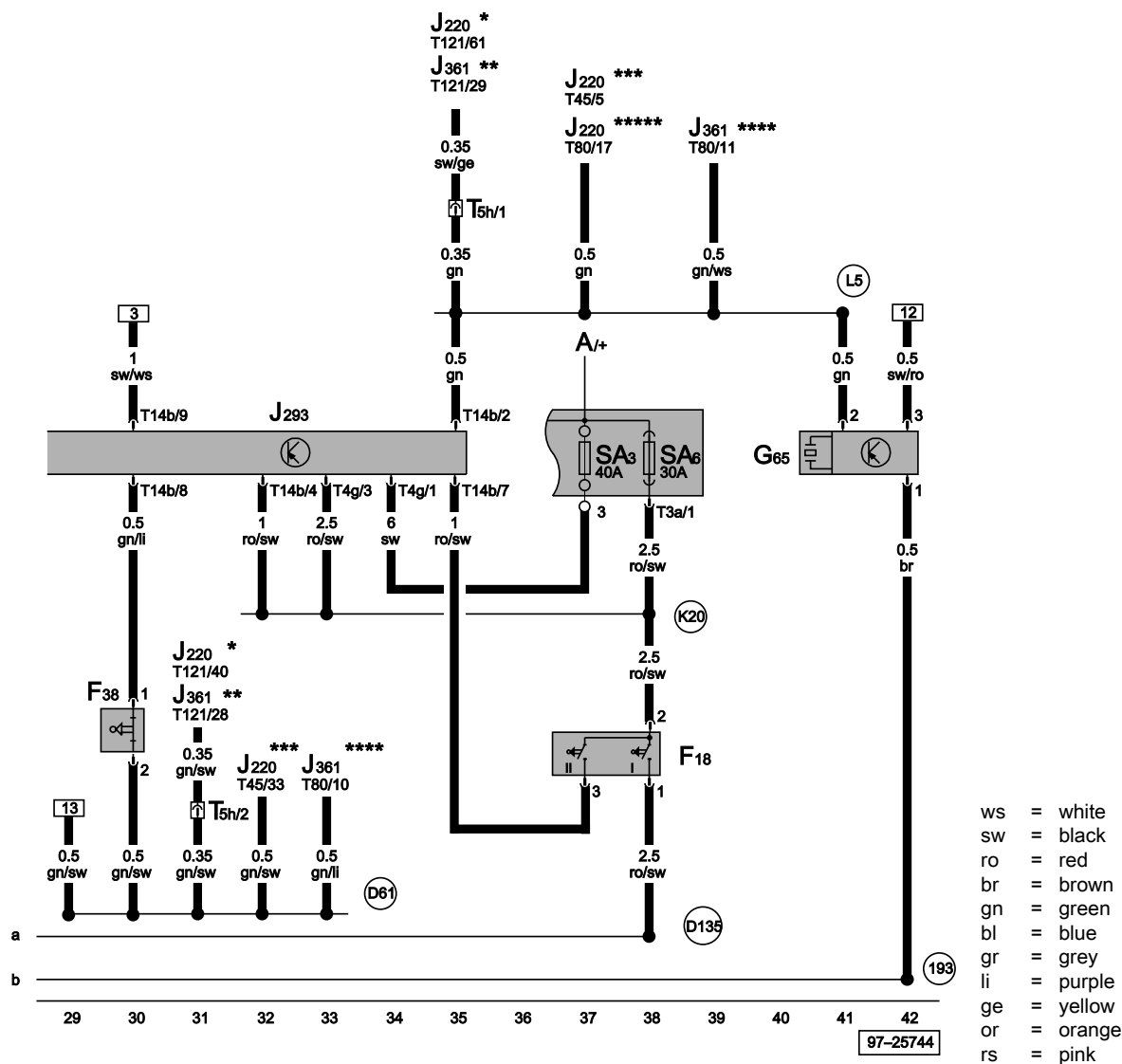
- 12 Earth point, in engine compartment, left
- 193 Earth connection -1-, in radiator fan wiring harness
- D135 Connection (1st fan speed), in engine - headlight wiring harness
- * Only models with engine code APE, AQQ
- ** Only models with engine code APF
- *** Only models with engine code AFR
- **** Only models with engine code AKL, AEH
- ***** Only models with engine code AKK, ANW

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



Radiator fan control unit, radiator fan thermo-switch, ambient temperature switch, high pressure sender

- A Battery
 F18 Radiator fan thermo-switch
 F38 Ambient temperature switch
 G65 High pressure sender
 J220 Motronic control unit
 J293 Radiator fan control unit
 J361 Simos control unit
 SA3 Fuse -3- on battery fuse box
 SA6 Fuse -6- on battery fuse box
 T3a 3-pin connector, in battery
 T4g 4-pin connector, in engine compartment, left
 T5h 5-pin connector, brown, in protective housing for connectors
 T14b 14-pin connector, in engine compartment, left
 T45 45-pin connector
 T80 80-pin connector
 T121 121-pin connector
- 193 Earth connection -1-, in radiator fan wiring harness
 D61 Connection (air conditioner), in engine compartment wiring harness
 D135 Connection (1st fan speed), in engine - headlight wiring harness
 K20 Positive (+) connection -1- (30), in radiator fan wiring harness
 L5 Connection -1-, in air conditioner wiring harness
- * Only models with engine code APE, AQQ
 ** Only models with engine code APF
 *** Only models with engine code AFR
 **** Only models with engine code AKL, AEH
 ***** Only models with engine code AKK, ANW



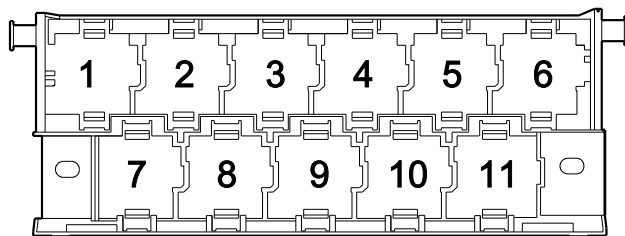
Air conditioner

- ⇒ 1.9 l /50 kW SDI, engine code AGP/AQM
- ⇒ 1.9 l /66 kW TDI, engine code AGR/ALH
- ⇒ 1.9 l /81 kW TDI, engine code ASV

From October 1999

For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.

Relay locations on relay plate:



97-25507

1 - 2nd speed relay (53) - without air conditioner

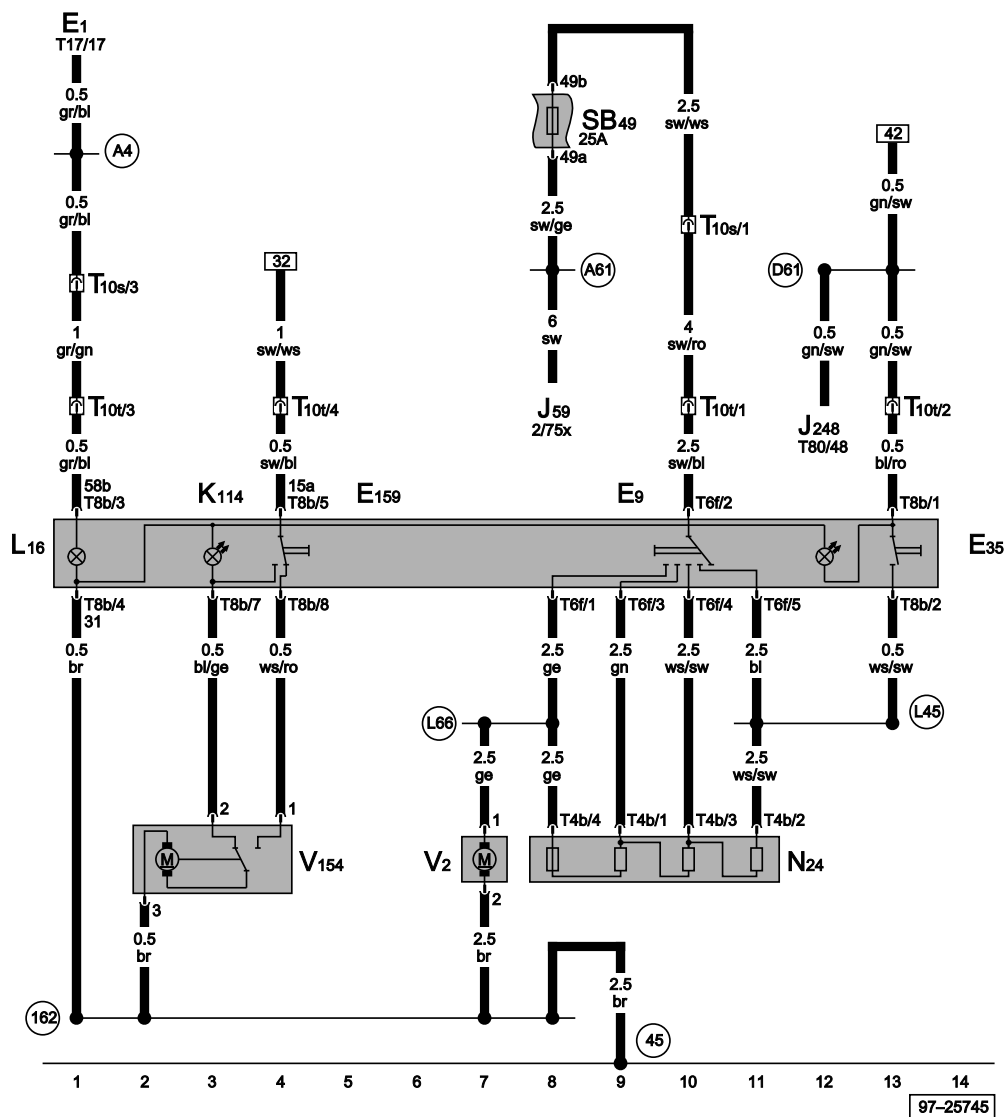


Note:

♦ *The number in brackets behind the part designation denotes the control number on the housing.*

Fuse colours

30 A - green
 25 A - white
 20 A - yellow
 15 A - blue
 10 A - red
 7.5 A - brown
 5 A - beige
 3 A - purple



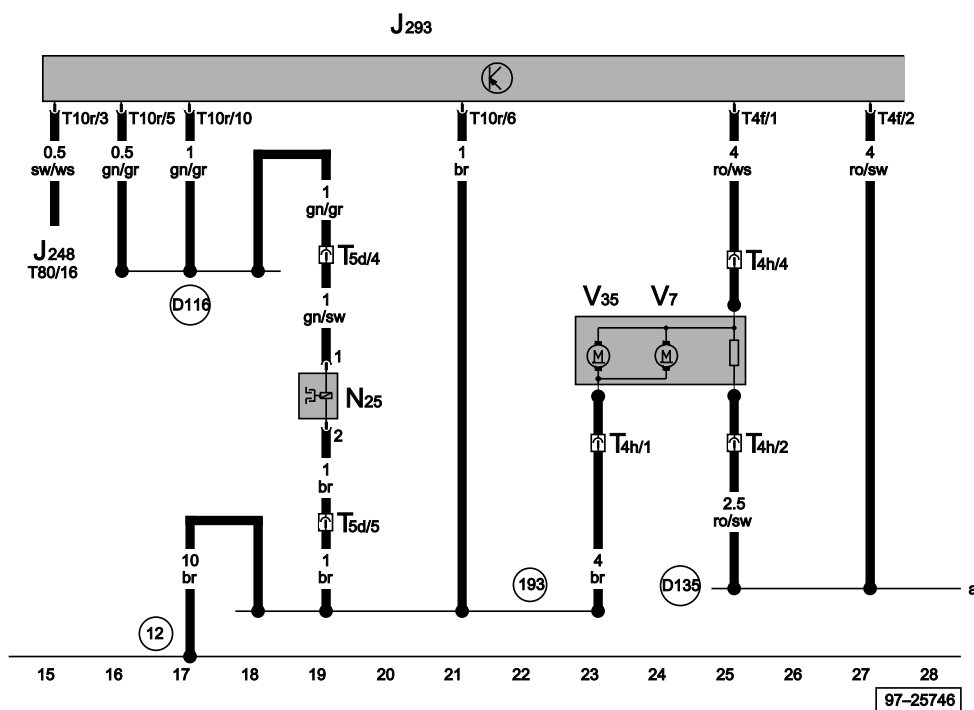
Fresh air blower switch, air conditioner switch, fresh air/air recirculating flap switch

- E1 Lighting switch
- E9 Fresh air blower switch
- E35 Air conditioner switch
- E159 Fresh air/air recirculating flap switch
- J59 X contact relief relay
- J248 Diesel direct injection system control unit
- K114 Fresh air/air recirculation warning lamp
- L16 Fresh air control light bulb
- N24 Fresh air blower with overheating fuse series resistor
- SB49 Fuse -49- on fuse box
- T4b 4-pin connector
- T6f 6-pin connector
- T8b 8-pin connector
- T10s 10-pin connector, black
- T10t 10-pin connector
- T17 17-pin connector
- T80 80-pin connector
- V2 Fresh air blower
- V154 Fresh/recirculating air flap control motor
- 45 Earth point, behind dash panel - centre
- 162 Earth connection, in blower motor wiring harness
- A4 Positive (+) connection (58b), in dash panel wiring harness
- A61 Positive (+) connection (X), in instruments wiring harness
- D61 Connection (air conditioner), in engine compartment wiring harness
- L45 Connection, in air conditioner control wiring harness
- L66 Connection, in heater blower wiring harness

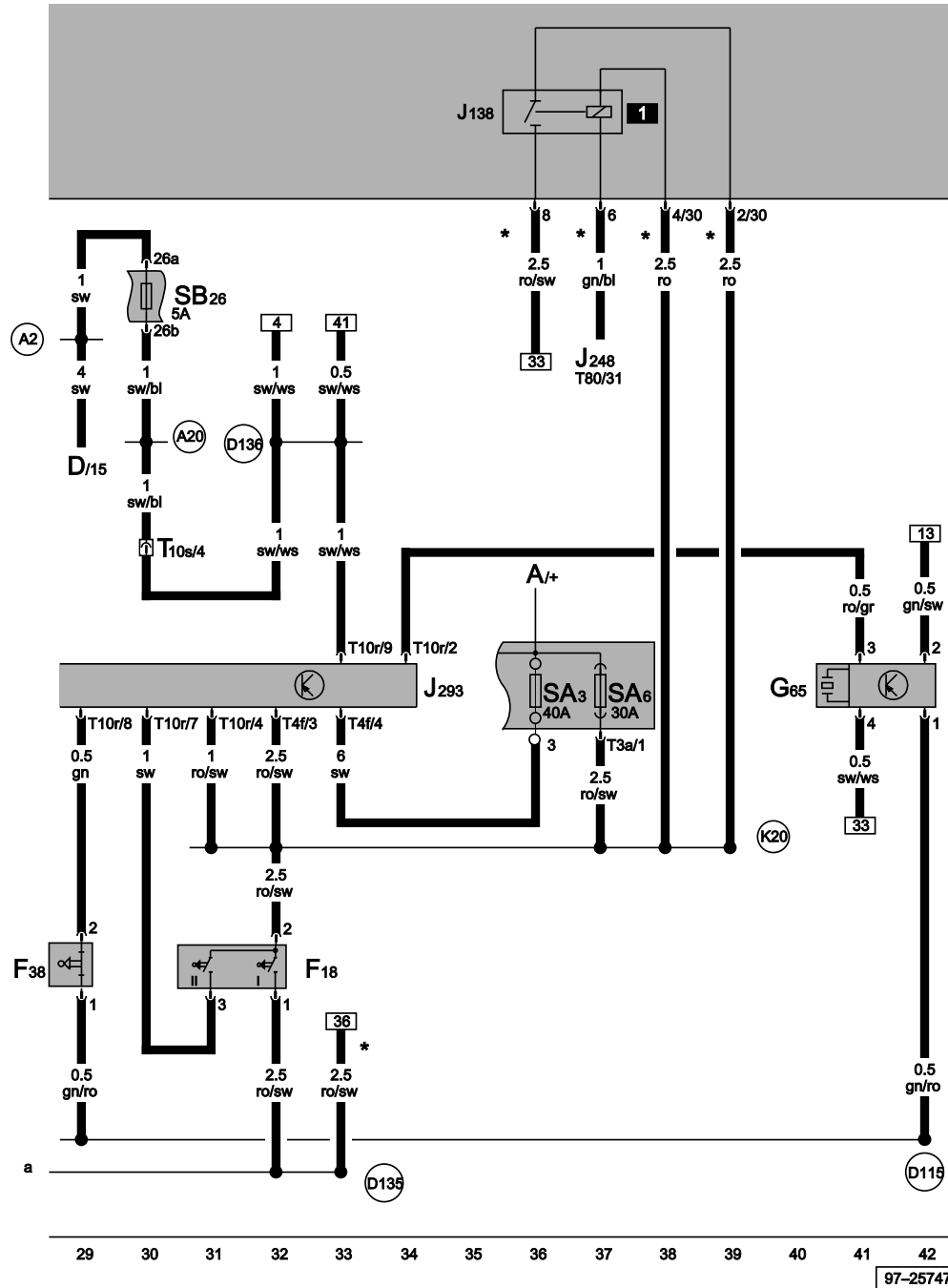
Radiator fan control unit, air conditioner system
magnetic coupling, radiator fan, radiator fan right

- J248 Diesel direct injection system control unit
- J293 Radiator fan control unit
- N25 Air conditioning system magnetic coupling
- T4h 4-pin connector, black, in radiator
- T4f 4-pin connector, in engine compartment, left
- T5d 5-pin connector, in engine, near gearbox
- T10r 10-pin connector, in engine compartment, left
- T80 80-pin connector
- V7 Radiator fan
- V35 Radiator fan, right

- 12 Earth point, in engine compartment, left
- 193 Earth connection -1-, in radiator fan wiring harness
- D116 Connection -14-, in engine compartment wiring harness
- D135 Connection (1st fan speed), in engine - headlight wiring harness



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



Radiator fan control unit, radiator fan thermo-switch, ambient temperature switch, high pressure sender

- A Battery
- D Ignition/starter switch
- F18 Radiator fan thermo-switch
- F38 Ambient temperature switch
- G65 High pressure sender
- J138 Radiator fan run-on control unit
- J248 Diesel direct injection system control unit
- J293 Radiator fan control unit
- SA3 Fuse -3- on battery fuse box
- SA6 Fuse -6- on battery fuse box
- SB26 Fuse -26- on fuse box
- T3a 3-pin connector, in battery
- T4f 4-pin connector, in engine compartment, left
- T10r 10-pin connector, in engine compartment, left
- T10s 10-pin connector, black
- T80 80-pin connector

- A2 Positive (+) connection (15), in dash panel wiring harness
- A20 Connection (15a), in dash panel wiring harness
- D115 Connection -13-, in engine compartment wiring harness
- D135 Connection (1st fan speed), in engine - headlight wiring harness
- D136 Positive (+) connection -2- (15a), in engine compartment wiring harness
- K20 Positive (+) connection -1- (30), in radiator fan wiring harness

* Only models with engine codes ASV

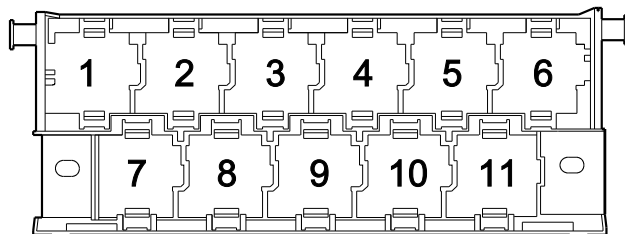
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

Air conditioner

⇒ 1.6 l/55 kW MPI-RSH, engine codes ALM

From October 1999

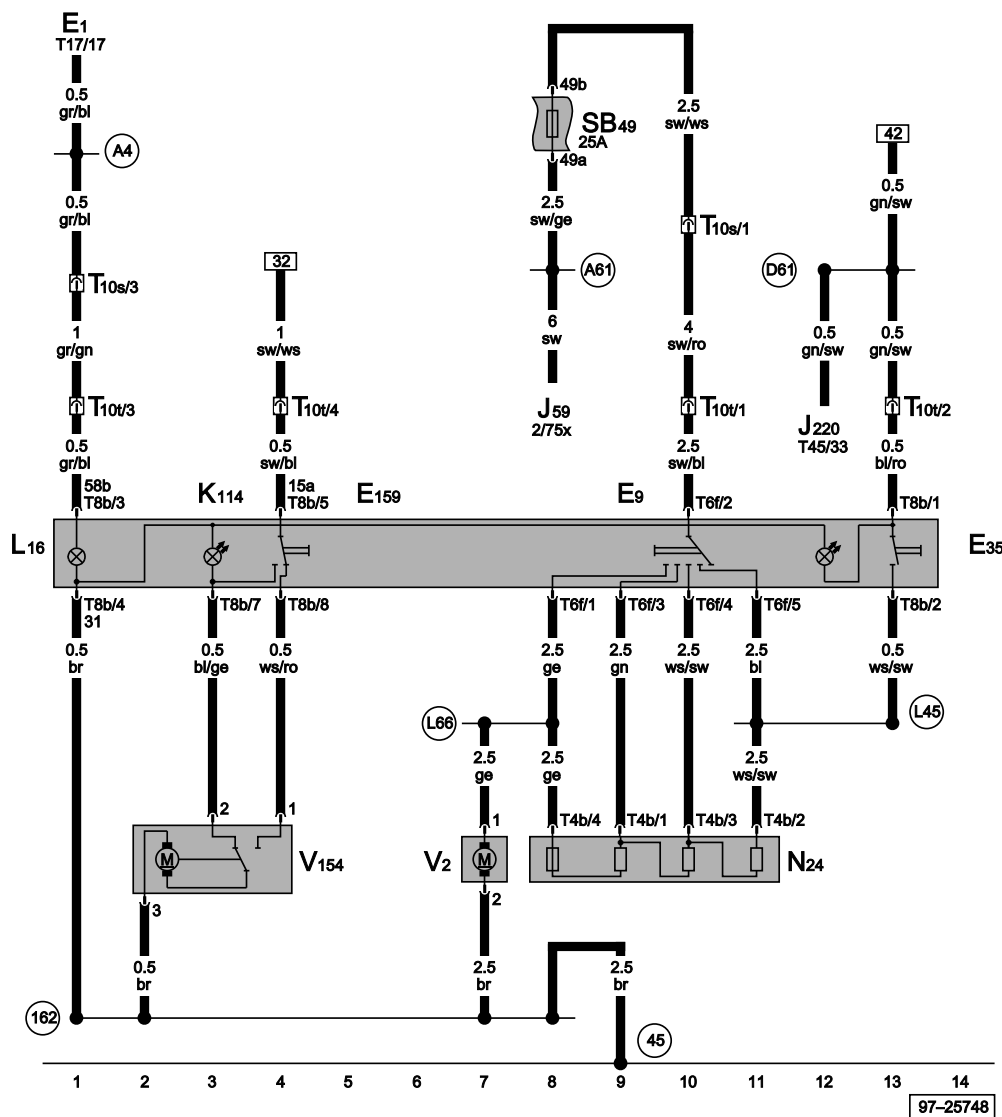
For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.



97-25507

Fuse colours

- 30 A - green
- 25 A - white
- 20 A - yellow
- 15 A - blue
- 10 A - red
- 7.5 A - brown
- 5 A - beige
- 3 A - purple



Fresh air blower switch, air conditioner switch, fresh air/air recirculating flap switch

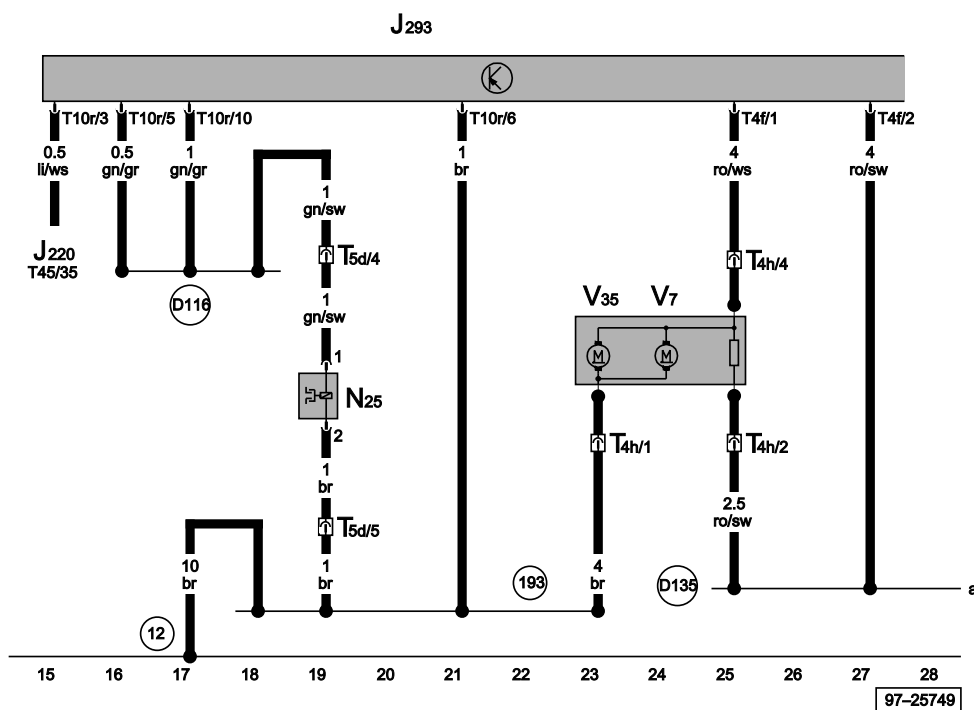
- E1 Lighting switch
- E9 Fresh air blower switch
- E35 Air conditioner switch
- E159 Fresh air/air recirculating flap switch
- J59 X contact relief relay
- J220 Motronic control unit
- K114 Fresh air/air recirculation warning lamp
- L16 Fresh air control light bulb
- N24 Fresh air blower with overheating fuse series resistor
- SB49 Fuse -49- on fuse box
- T4b 4-pin connector
- T6f 6-pin connector
- T8b 8-pin connector
- T10s 10-pin connector, black
- T10t 10-pin connector
- T17 17-pin connector
- T45 45-pin connector
- V2 Fresh air blower
- V154 Fresh/recirculating air flap control motor
- 45 Earth point, behind dash panel - centre
- 162 Earth connection, in blower motor wiring harness
- A4 Positive (+) connection (58b), in dash panel wiring harness
- A61 Positive (+) connection (X), in instruments wiring harness
- D61 Connection (air conditioner), in engine compartment wiring harness
- L45 Connection, in air conditioner control wiring harness
- L66 Connection, in heater blower wiring harness

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

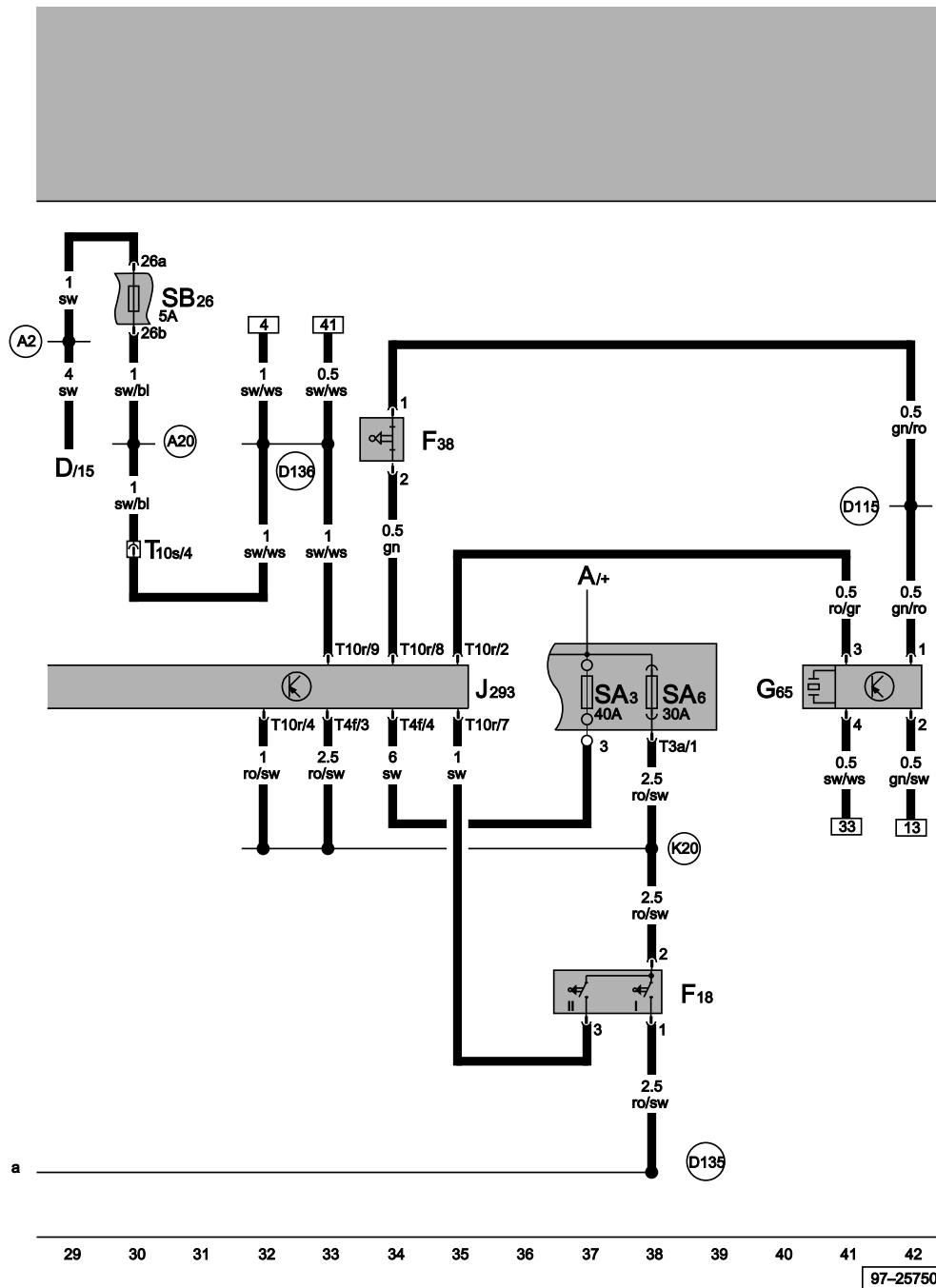
Radiator fan control unit, air conditioner system
magnetic coupling, radiator fan, radiator fan right

- J220 Motronic control unit
- J293 Radiator fan control unit
- N25 Air conditioning system magnetic coupling
- T4h 4-pin connector, black, in radiator
- T4f 4-pin connector, in engine compartment, left
- T5d 5-pin connector, in engine, near gearbox
- T10r 10-pin connector, in engine compartment, left
- T45 45-pin connector
- V7 Radiator fan
- V35 Radiator fan, right

- 12 Earth point, in engine compartment, left
- 193 Earth connection -1-, in radiator fan wiring harness
- D116 Connection -14-, in engine compartment wiring harness
- D135 Connection (1st fan speed), in engine - headlight wiring harness



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



Radiator fan control unit, radiator fan thermo-switch, ambient temperature switch, high pressure sender

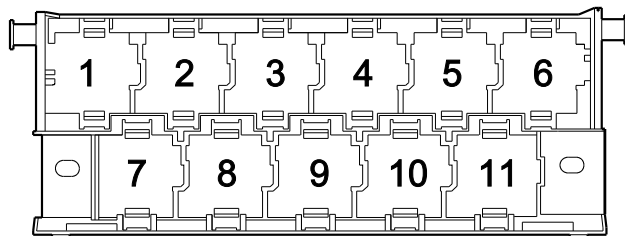
- A Battery
- D Ignition/starter switch
- F18 Radiator fan thermo-switch
- F38 Ambient temperature switch
- G65 High pressure sender
- J293 Radiator fan control unit
- SA3 Fuse -3- on battery fuse box
- SA6 Fuse -6- on battery fuse box
- SB26 Fuse -26- on fuse box
- T3a 3-pin connector, in battery
- T4f 4-pin connector, in engine compartment, left
- T10r 10-pin connector, in engine compartment, left
- T10s 10-pin connector, black
- A2 Positive (+) connection (15), in dash panel wiring harness
- A20 Connection (15a), in dash panel wiring harness
- D115 Connection -13-, in engine compartment wiring harness
- D135 Connection (1st fan speed), in engine - headlight wiring harness
- D136 Positive (+) connection -2- (15a), in engine compartment wiring harness
- K20 Positive (+) connection -1- (30), in radiator fan wiring harness

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

Interior monitoring

From October 1999

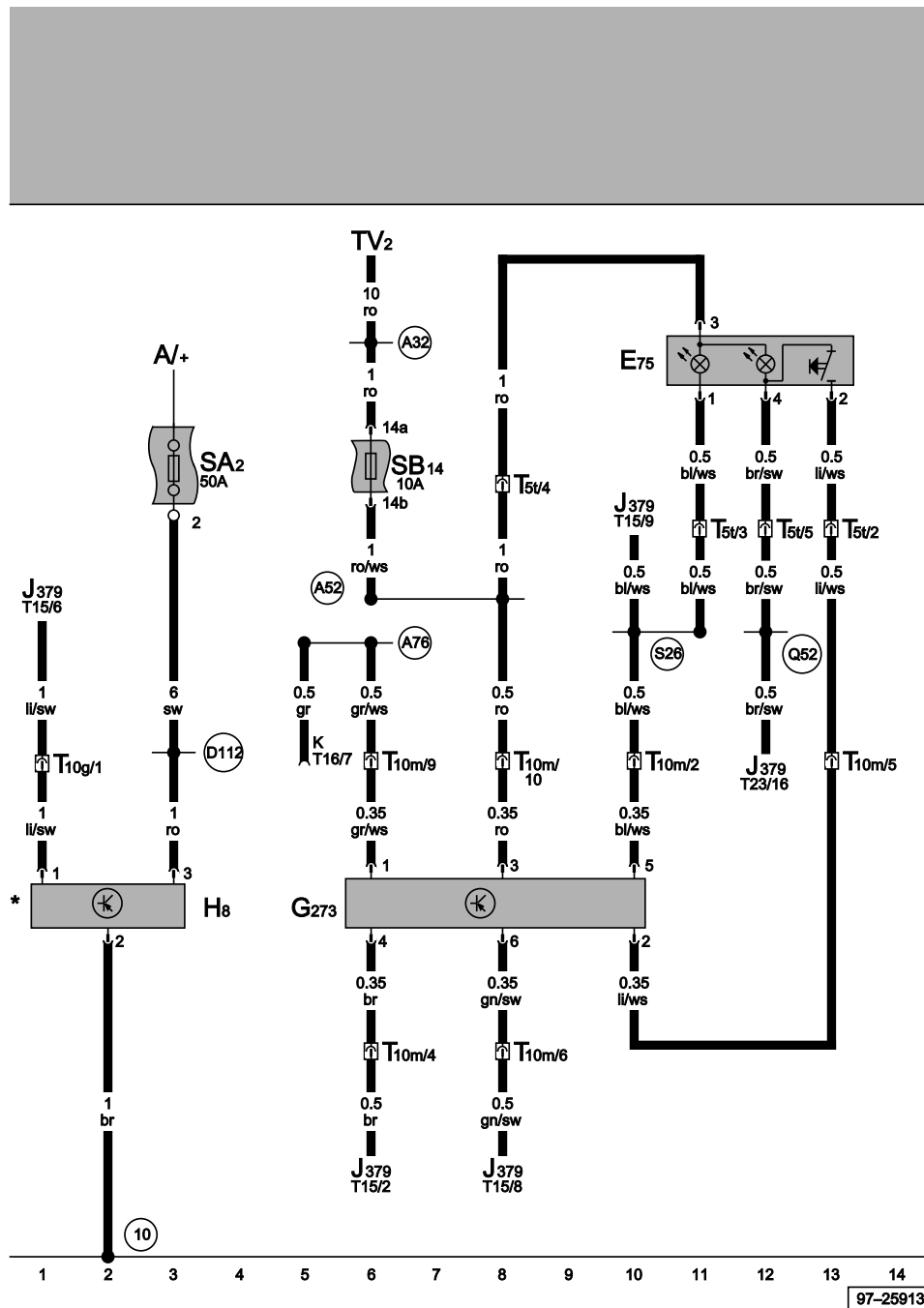
For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.



97-25507

Fuse colours

- 30 A - green
- 25 A - white
- 20 A - yellow
- 15 A - blue
- 10 A - red
- 7.5 A - brown
- 5 A - beige
- 3 A - purple



Alarm system switch, interior monitoring sensor

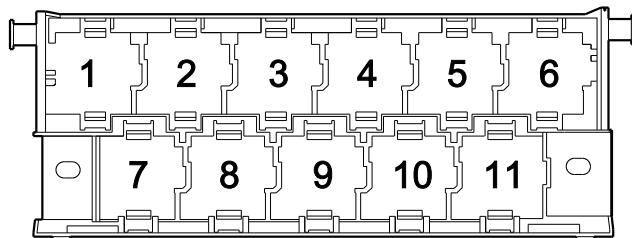
- A Battery
- E75 Alarm system switch
- G273 Interior monitoring sensor
- H8 Anti-theft alarm system horn
- J379 Central locking and anti-theft alarm system control unit
- SA2 Fuse -2- on battery fuse box
- SB14 Fuse -14- on fuse box
- TV2 Terminal 30 junction box
- T5t 5-pin connector, black, in protective housing for connectors
- T10g 10-pin connector, red, in protective housing for connectors
- T10m 10-pin connector, black, left A pillar
- T15 15-pin connector
- T16 16-pin connector, diagnosis
- 10 Earth point, in plenum chamber
- A32 Positive (+) connection (30), in dash panel wiring harness
- A52 Positive (+) connection -2- (30), in dash panel wiring harness
- A76 Connection (diagnosis wire K), in dash panel wiring harness
- D112 Connection -10-, in engine compartment wiring harness
- S26 Connection (sensor/ monitoring unit) -2-, in central locking wiring harness
- Q52 Connection (door contact switch), in anti-theft alarm system wiring harness
- * Only models with Great Britain alarm system

Sliding / tilting sunroof

From October 1999

For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.

Relay locations on the 11 position relay carrier:



97-22850

5 - X contact relief relay (100)



Note:

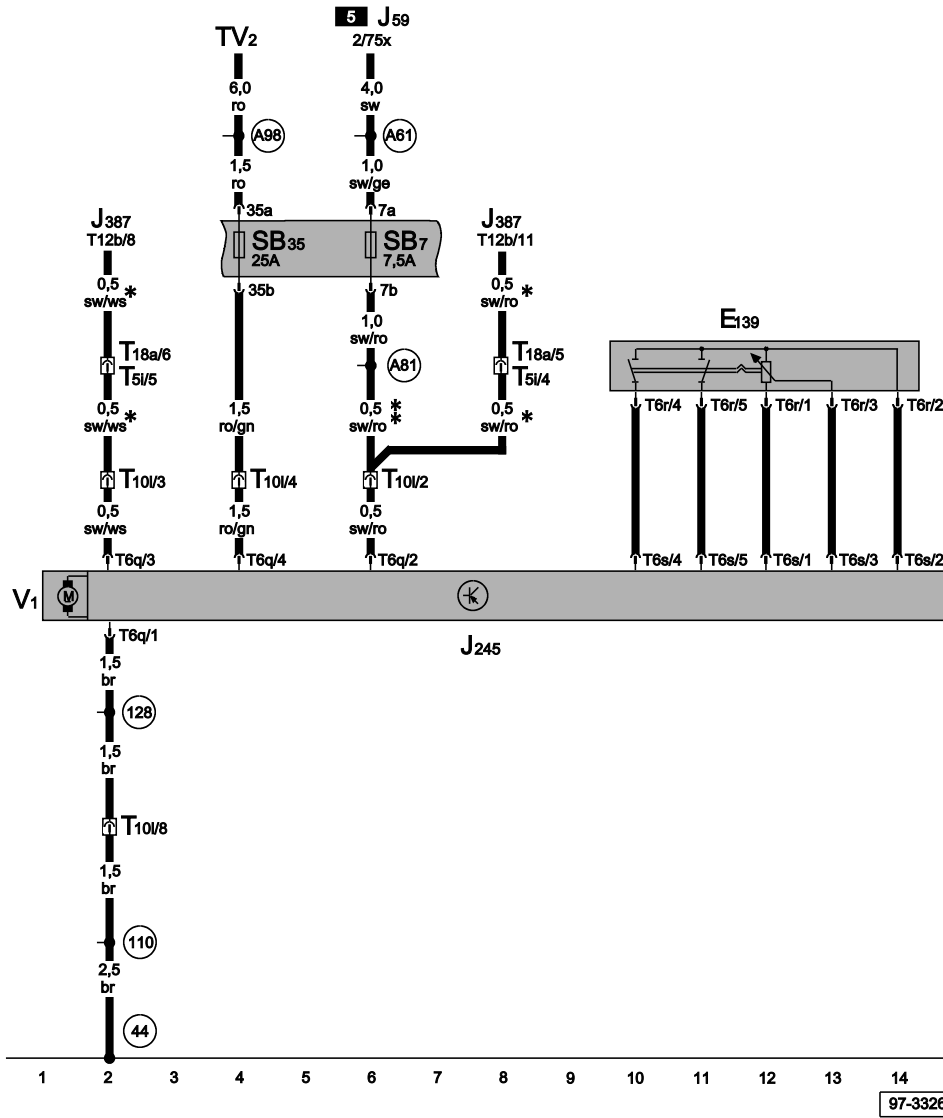
♦ *The number in brackets behind the part designation denotes the control number on the housing.*

Fuse colours

30 A - green
 25 A - white
 20 A - yellow
 15 A - blue
 10 A - red
 7.5 A - brown
 5 A - beige
 3 A - purple

Sliding sunroof adjustment control unit, sliding sunroof adjustment regulator, sliding sunroof motor

- E139 Sliding sunroof adjustment regulator
- J59 X contact relief relay
- J245 Sliding sunroof adjustment control unit
- J387 Door control unit, front passenger's side
- SB7 Fuse -7- on fuse box
- SB35 Fuse -35- on fuse box
- T5i 5-pin connector, on part of right A-pillar
- T6q 6-pin connector, in roof
- T6r 6-pin connector, in roof
- T6s 6-pin connector, in roof
- T10l 10-pin connector, on part of left A-pillar
- T12b 12-pin connector, on door control unit, front passenger's side
- T18a 18-pin connector, on right A-pillar
- TV2 Terminal 30 junction box
- V1 Sliding sunroof motor



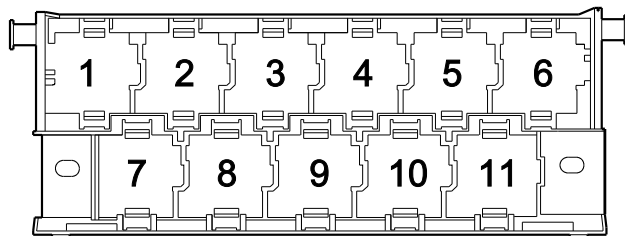
- 44 Earth point, lower part of left A-pillar
- 110 Earth connection -2-, in instruments wiring harness
- 128 Earth connection -1-, in interior light wiring harness
- A61 Positive (+) connection (X), in dash panel wiring harness
- A81 Connection -2- (X), in dash panel wiring harness
- A98 Positive (+) connection -4- (30), in dash panel wiring harness
- * Only models with electric window lifter
- ** Only models without electric window lifter

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

Central locking, remote control and anti-theft alarm system

From October 1999

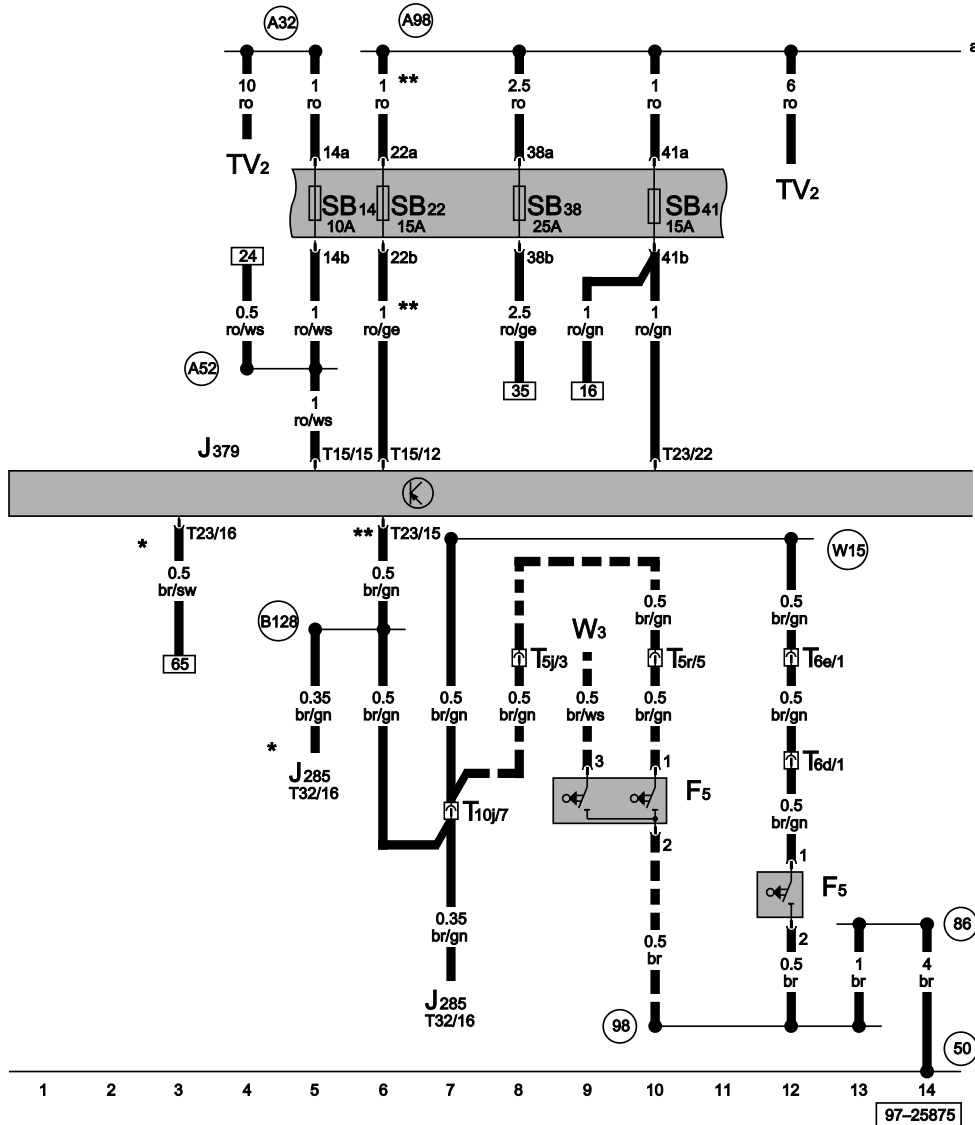
For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.



97-25507

Fuse colours

- 30 A - green
- 25 A - white
- 20 A - yellow
- 15 A - blue
- 10 A - red
- 7.5 A - brown
- 5 A - beige
- 3 A - purple



Central locking control unit and anti-theft alarm system, luggage compartment light switch

- F5 Luggage compartment light switch
- J285 Control unit with display in dash panel insert
- J379 Central locking and anti-theft alarm system control unit
- SB14 Fuse -14- on fuse box
- SB22 Fuse -22- on fuse box
- SB38 Fuse -38- on fuse box
- SB41 Fuse -41- on fuse box
- TV2 Terminal 30 junction box
- W3 Luggage compartment light
- T5j 5-pin connector, black, in C pillar, left
- T5r 5-pin connector, black, in tailgate/bootlid, rear left
- T6e 6-pin connector, on left C-pillar
- T6d 6-pin connector, in tailgate/bootlid
- T15 15-pin connector
- T23 23-pin connector
- T32 32-pin connector, blue
- T10j 10-pin connector, grey, in protective housing for connectors

- 50 Earth point, in left luggage compartment
- 86 Earth connection -1-, in rear wiring harness
- 98 Earth connection, in tailgate/bootlid wiring harness
- A32 Positive (+) connection (30), in dash panel wiring harness
- A52 Positive (+) connection -2- (30), in dash panel wiring harness
- B128 Connection (luggage compartment light), in interior wiring harness
- W15 Connection -1- (luggage compartment light), in rear wiring harness

- * Only models with remote control
- ** Only models with alarm system

<fo:exter Only models Polo Variant

nal-
graphic
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PDOC/
samba/
tools/
png-
convert/
out//slp/
ft_icons/

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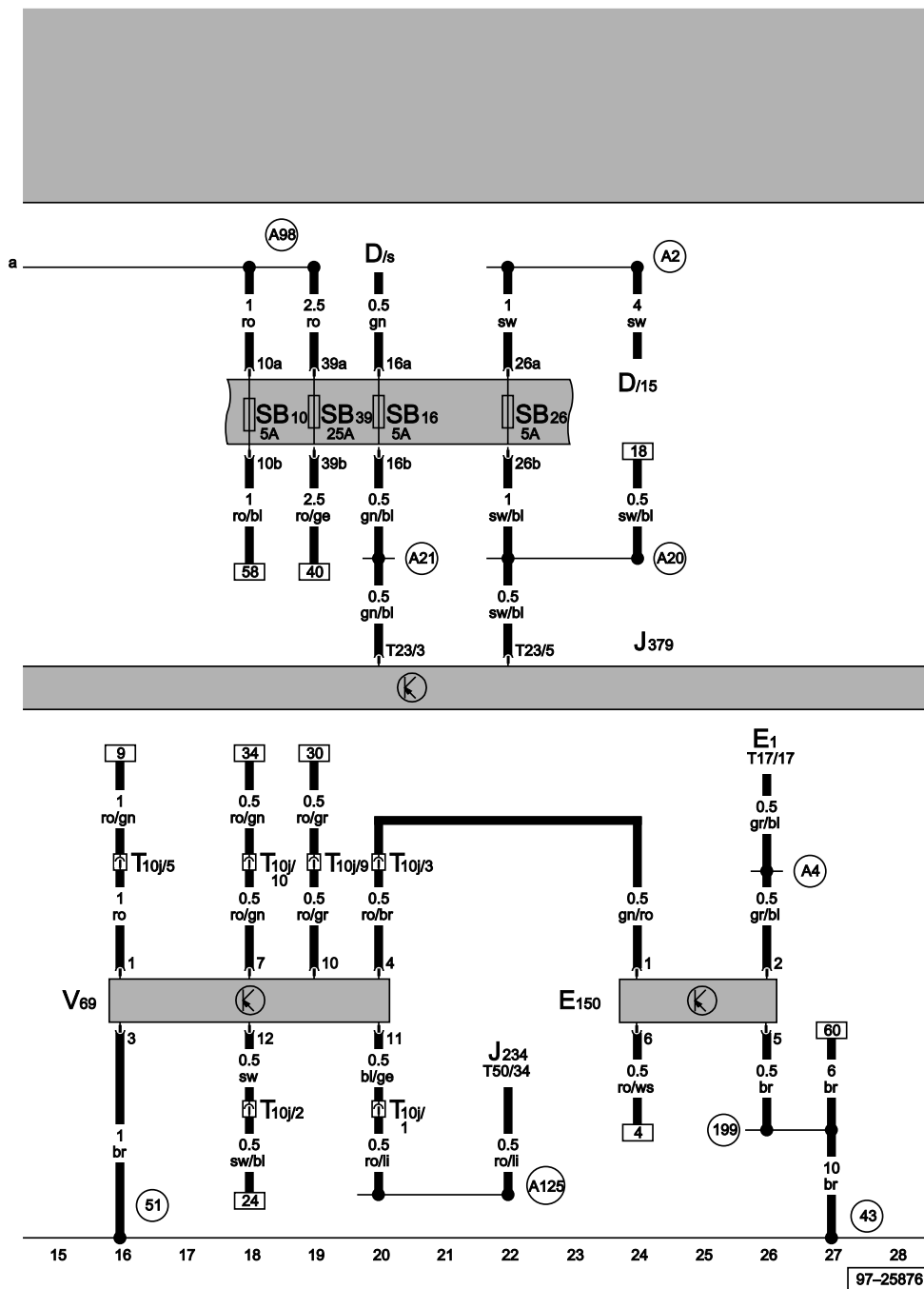
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ro	=	red	png"
br	=	brown	content-
gn	=	green	width="2
bl	=	blue	0pt"
gr	=	grey	scaling="
li	=	purple	uniform"/
ge	=	yellow	>
or	=	orange	
rs	=	pink	

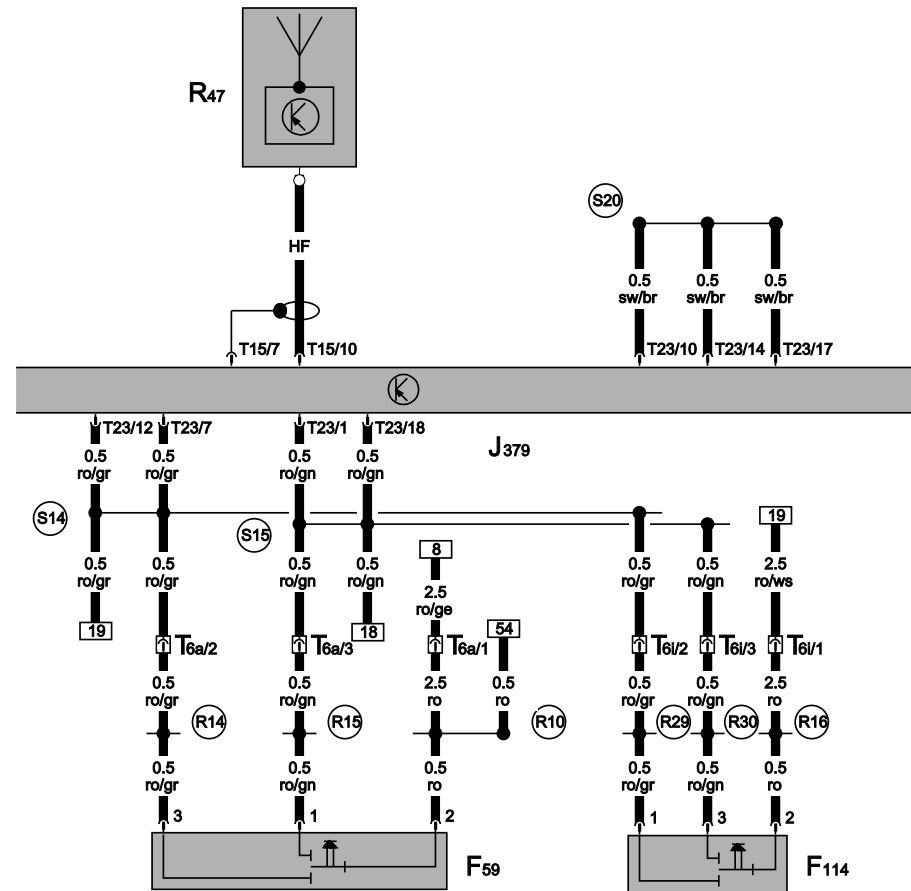
Central locking control unit and anti-theft alarm system, central locking pump with control unit

- D Ignition/starter switch
- E1 Lighting switch
- E150 Interior locking switch, driver's side
- J234 Airbag control unit
- J379 Central locking and anti-theft alarm system control unit
- SB10 Fuse -10- on fuse box
- SB16 Fuse -16- on fuse box
- SB26 Fuse -26- on fuse box
- SB39 Fuse -39- on fuse box
- T10j 10-pin connector, grey, in protective housing for connectors
- T17 17-pin connector
- T23 23-pin connector
- T50 50-pin connector
- V69 Central locking pump with control unit

- 43 Earth point, lower part of right A-pillar
- 51 Earth point, in right luggage compartment
- 199 Earth connection -3-, in dash panel wiring harness
- A2 Positive (+) connection (15), in dash panel wiring harness
- A4 Positive (+) connection (58b), in dash panel wiring harness
- A20 Connection (15a), in dash panel wiring harness
- A21 Connection (86s), in dash panel wiring harness
- A98 Positive (+) connection -4- (30), in dash panel wiring harness
- A125 Connection (crash signal), in dash panel wiring harness

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





Central locking control unit and anti-theft alarm system, tailgate/bootlid central locking switch (driver's side), tailgate/bootlid central locking switch (front passenger's side)

- F59 Tailgate/bootlid central locking switch (driver's side)
- F114 Tailgate/bootlid central locking switch (front passenger's side)
- J379 Central locking and anti-theft alarm system control unit
- R47 Central locking and anti-theft alarm system aerial
- T6a 6-pin connector, A pillar, left
- T6i 6-pin connector, A pillar, front passenger's seat, right
- T15 15-pin connector
- T23 23-pin connector

- (R10) Positive (+) connection -1- (30), in door wiring harness - driver's side
- (R14) Connection -1- (open), in door wiring harness, driver's side
- (R15) Connection -2- (closed), in door wiring harness, driver's side
- (R16) Positive (+) connection -1- (30), in door wiring harness - front passenger's side
- (R29) Connection -1- (open), in door wiring harness, front passenger's side
- (R30) Connection -2- (closed), in door wiring harness, driver's side
- (S14) Connection (open), in central locking wiring harness
- (S15) Connection (closed), in central locking wiring harness
- (S20) Connection -4-, in central locking wiring harness

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 sw = black
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 gn = green
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 ge = yellow
 or = orange
 rs = pink

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

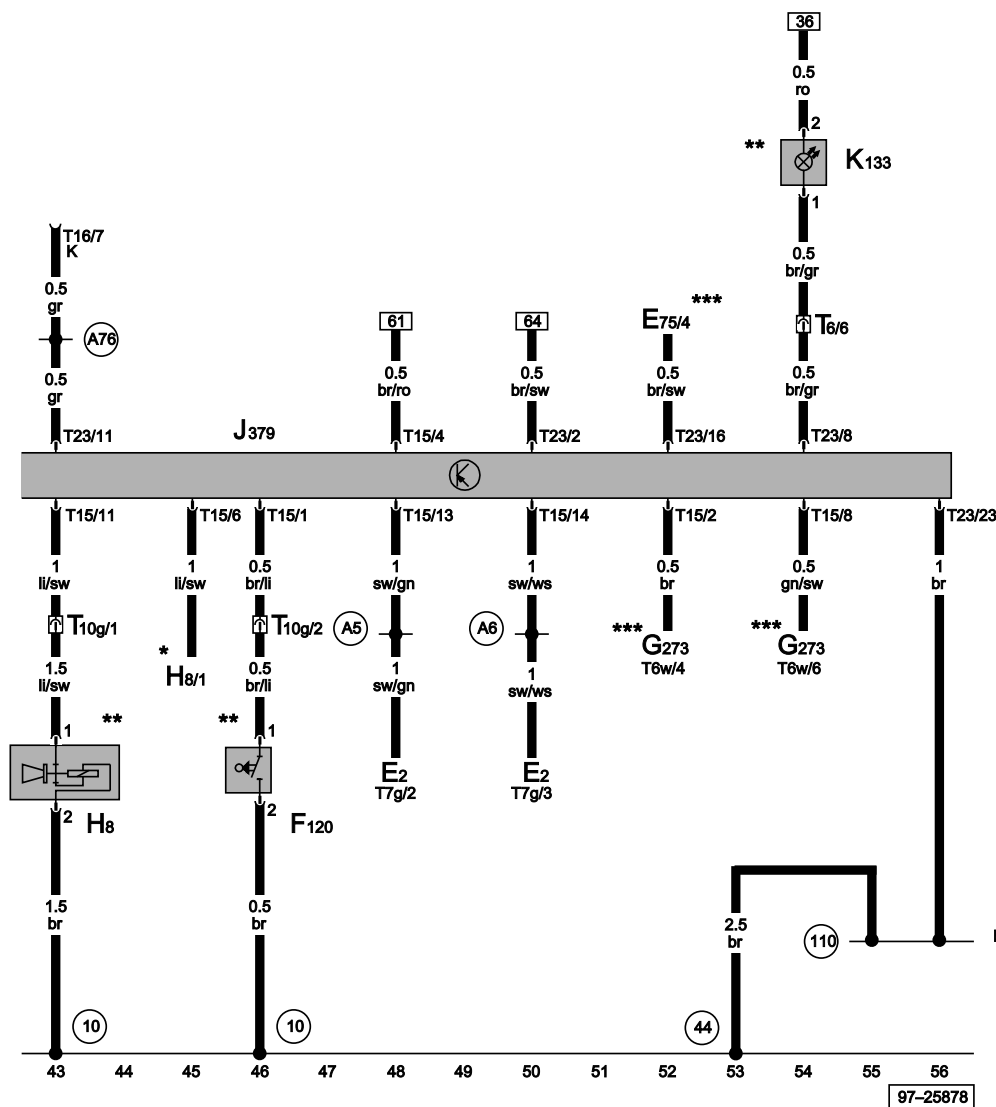
97-25877

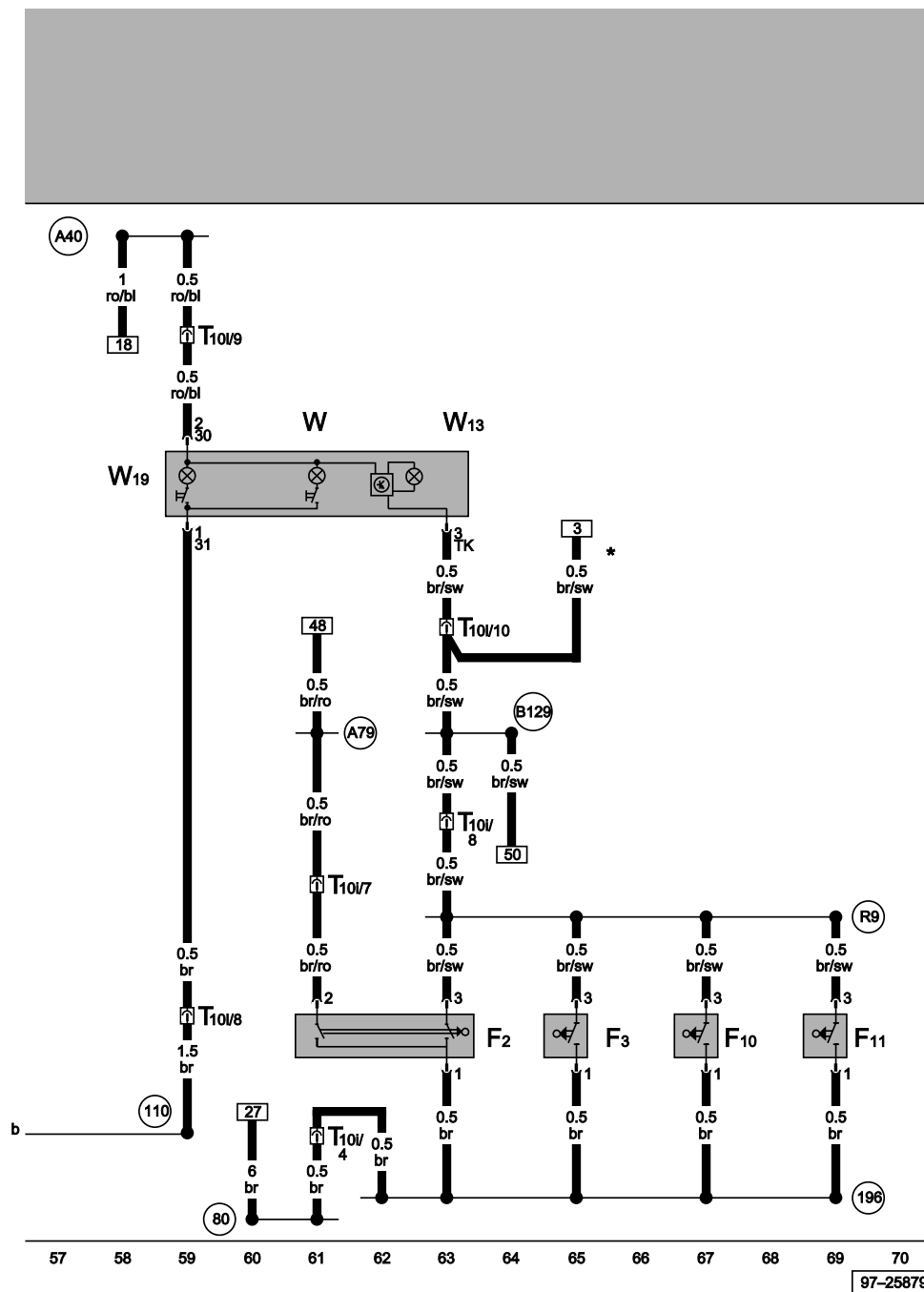
Anti-theft alarm system/rodent repellent system
contact switch, anti-theft alarm system horn, central
locking warning lamp -SAFE-

- E2 Turn signal switch
- E75 Alarm system switch
- F120 Anti-theft alarm/rodent repellent system contact switch
- G273 Interior monitoring sensor
- H8 Anti-theft alarm system horn
- J379 Central locking and anti-theft alarm system control unit
- K133 Central locking warning lamp -SAFE-
- T6 6-pin connector, A pillar, left
- T6w 6-pin connector, B pillar, interior monitoring sensor
- T7g 7-pin connector
- T10g 10-pin connector, red, in protective housing for connectors
- T15 15-pin connector
- T16 16-pin connector, self-diagnosis connection in lower console
- T23 23-pin connector

- 10 Earth point, in plenum chamber
- 44 Earth point, lower part of left A-pillar
- 110 Earth connection -2-, in instruments wiring harness
- A5 Positive (+) connection (right turn signal), in dash panel wiring harness
- A6 Positive (+) connection (left turn signal), in dash panel wiring harness
- A76 Connection (diagnosis wire K), in dash panel wiring harness
- * Only models with Great Britain alarm system
- ** Only models with alarm system
- *** Only models with interior monitoring

ws = white
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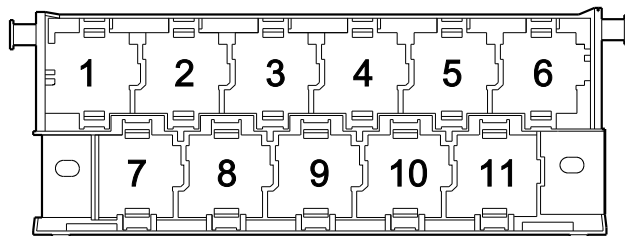
Door contact switch driver's side, door contact switch front passenger's side, door contact switch rear left, door contact switch rear right, front interior light

- F2 Door contact switch, driver's side
- F3 Door contact switch, front passenger's side
- F10 Rear left door contact switch
- F11 Rear right door contact switch
- T10i 10-pin connector, orange, in protective housing for connectors
- T10l 10-pin connector, black, left A pillar
- W Interior light, front
- W13 Front passenger reading lamp
- W19 Reading lamp, driver's side
- 80 Earth connection -1-, in instruments wiring harness
- 110 Earth connection -2-, in instruments wiring harness
- 196 Earth connection -3-, in rear wiring harness
- A40 Positive (+) connection-1- (30), in instruments wiring harness
- A79 Connection (hot light switch), in dash panel wiring harness
- B129 Connection (interior light, 311), in interior wiring harness
- R9 Connection (door contact switch), in rear wiring harness
- * Only models with radio-operated remote control

Electric windows

From October 1999

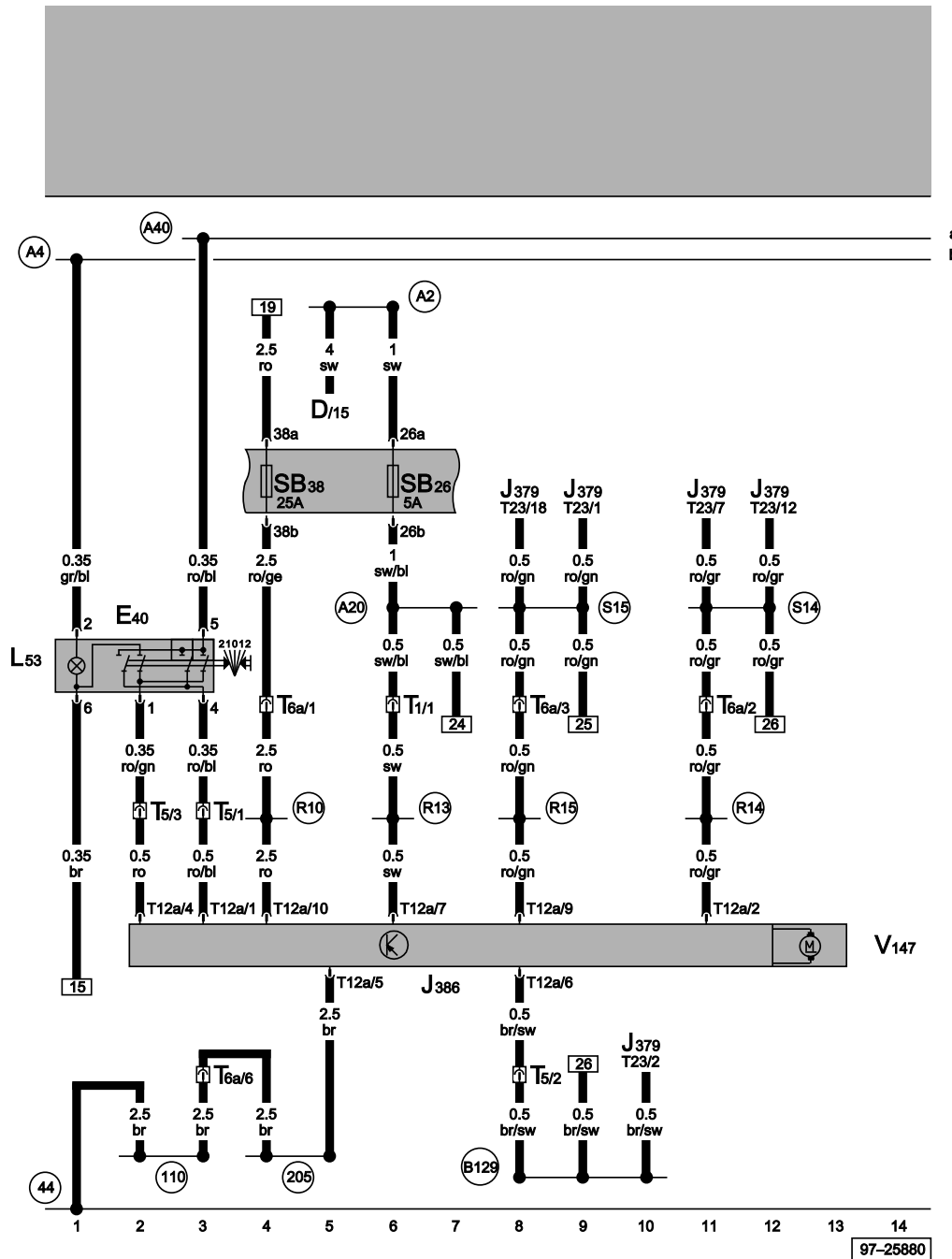
For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.



97-25507

Fuse colours

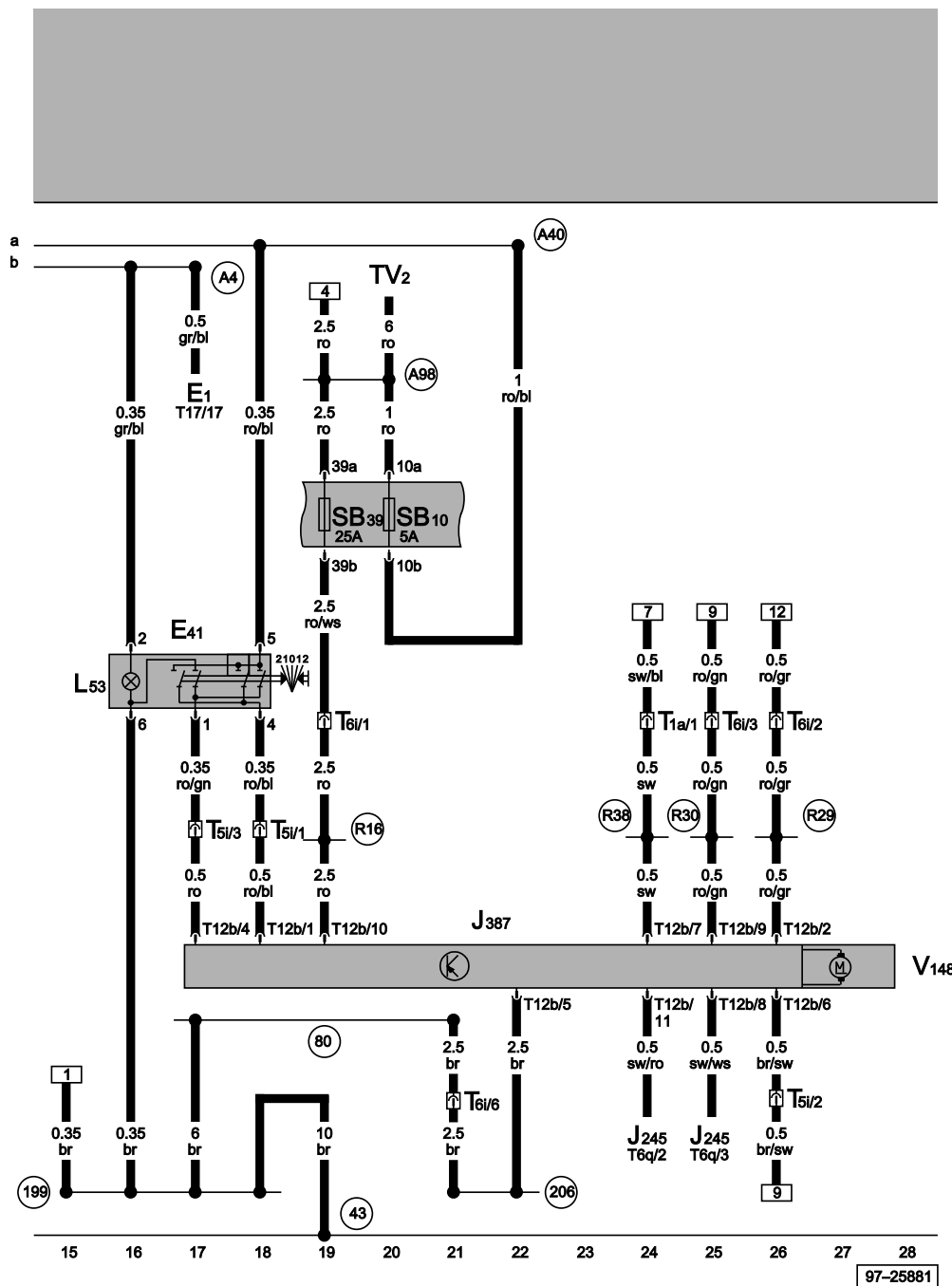
- 30 A - green
- 25 A - white
- 20 A - yellow
- 15 A - blue
- 10 A - red
- 7.5 A - brown
- 5 A - beige
- 3 A - purple



Door control unit, driver's side, front left electric window switch, electric window motor, driver's side, window switch light bulb

- D Ignition/starter switch
- E40 Front left electric window switch
- J379 Central locking and anti-theft alarm system control unit
- J386 Door control unit, driver's side
- L53 Window switch light bulb
- SB26 Fuse -26- on fuse box
- SB38 Fuse -38- on fuse box
- T1 1-pin connector, black, left A pillar
- T5 5-pin connector, A-pillar, driver's seat
- T6a 6-pin connector, A pillar, left
- T12a 12-pin connector, in front driver's door
- T23 23-pin connector
- V147 Electric window motor, driver's side
- 44 Earth point, lower part of left A-pillar
- 110 Earth connection -2-, in instruments wiring harness
- 205 Earth connection, in door wiring harness - driver's side
- A2 Positive (+) connection (15), in dash panel wiring harness
- A20 Connection (15a), in dash panel wiring harness
- B129 Connection (interior light, 311), in interior wiring harness
- R10 Positive (+) connection -1- (30), in door wiring harness - driver's side
- R13 Positive (+) connection -4- (15), in door wiring harness - driver's side
- R14 Connection -1- (open), in door wiring harness, driver's side
- R15 Connection -2- (closed), in door wiring harness, driver's side
- S14 Connection (open), in central locking wiring harness
- S15 Connection (closed), in central locking wiring harness

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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 li = purple
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Door control unit, passenger's side, front right electric window switch, electric window motor, passenger's side, window switch light bulb

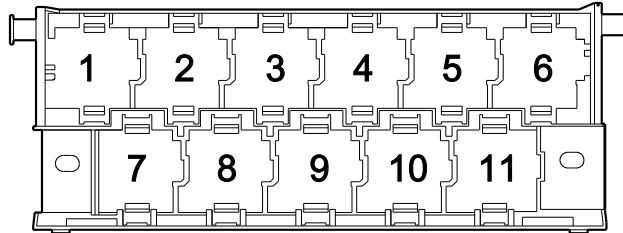
- E1 Lighting switch
 - E41 Front right electric window switch
 - J245 Sliding sunroof adjustment control unit
 - J387 Door control unit, front passenger's side
 - L53 Window switch light bulb
 - SB10 Fuse -10- on fuse box
 - SB39 Fuse -39- on fuse box
 - T5i 5-pin connector, A-pillar front passenger's seat
 - T6i 6-pin connector, A pillar, front passenger's seat, right
 - T6q 6-pin connector, in roof
 - T12b 12-pin connector, in front passenger's door
 - T17 17-pin connector
 - TV2 Terminal 30 junction box
 - V148 Electric window motor, front passenger's side
 - T1a 1-pin connector, black, right A pillar
- 43 Earth point, lower part of right A-pillar
 - 80 Earth connection -1-, in instruments wiring harness
 - 199 Earth connection -3-, in dash panel wiring harness
 - 206 Earth connection, in door wiring harness - front passenger's side
 - A40 Positive (+) connection-1- (30), in instruments wiring harness
 - A98 Positive (+) connection -4- (30), in dash panel wiring harness
 - R16 Positive (+) connection -1- (30), in door wiring harness - front passenger's side
 - R29 Connection -1- (open), in door wiring harness, front passenger's side
 - R30 Connection -2- (closed), in door wiring harness, driver's side
 - R38 Connection -1- (window lifters), in door wiring harness, front passenger's side
 - * Only models with sliding sunroof

Airbag system

- ⇒ Driver's and front passenger's airbags
- ⇒ Side airbags
- ⇒ Belt tensioners

From October 1999

For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.



97-25507

Fuse colours

- 30 A - green
- 25 A - white
- 20 A - yellow
- 15 A - blue
- 10 A - red
- 7.5 A - brown
- 5 A - beige
- 3 A - purple



Airbag control unit, airbag coil connector, return spring with slip ring, side airbag crash sensor, driver's side, side airbag crash sensor, front passenger's side

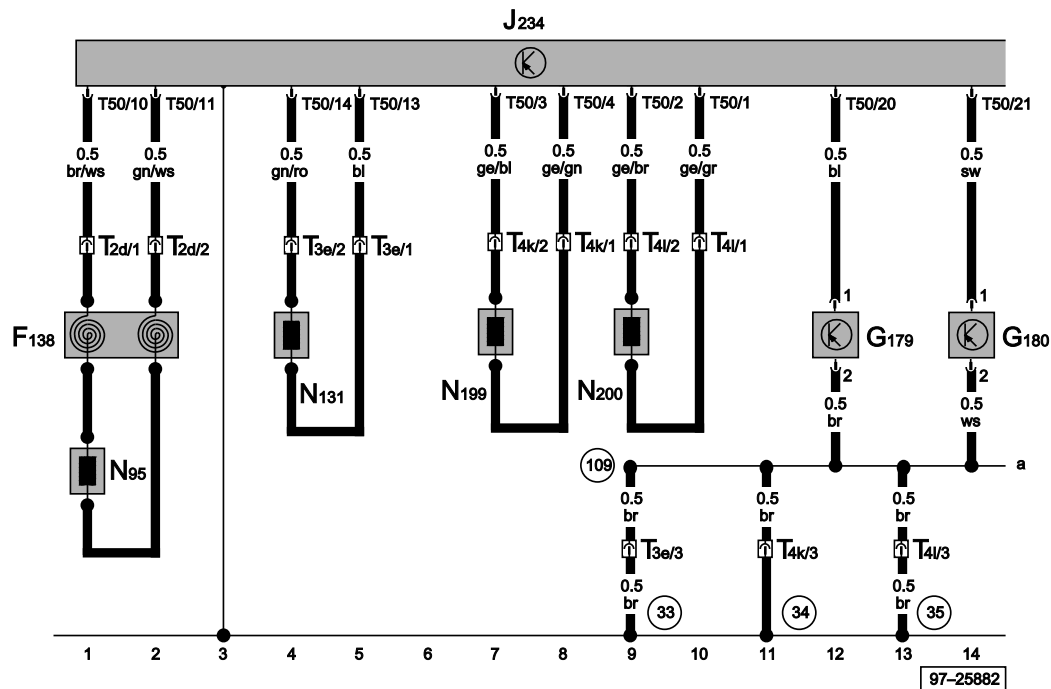
- F138 Airbag coil connector, return spring with slip ring
- G179 Side airbag crash sensor, driver's side
- G180 Side airbag crash sensor, front passenger's side
- J234 Airbag control unit
- N95 Airbag igniter, driver's side
- N131 Airbag igniter 1, front passenger's side
- N199 Side airbag igniter, driver's side
- N200 Side airbag igniter, front passenger's side
- T2d 2-pin connector, yellow, in steering wheel
- T3e 3-pin connector
- T4k 4-pin connector, yellow, in driver's seat
- T4l 4-pin connector, yellow, in front passenger's seat
- T50 50-pin connector

33 Earth point, behind dash panel, right

34 Earth point, under driver's seat

35 Earth point, under front passenger's seat

109 Earth connection, in airbag wiring harness

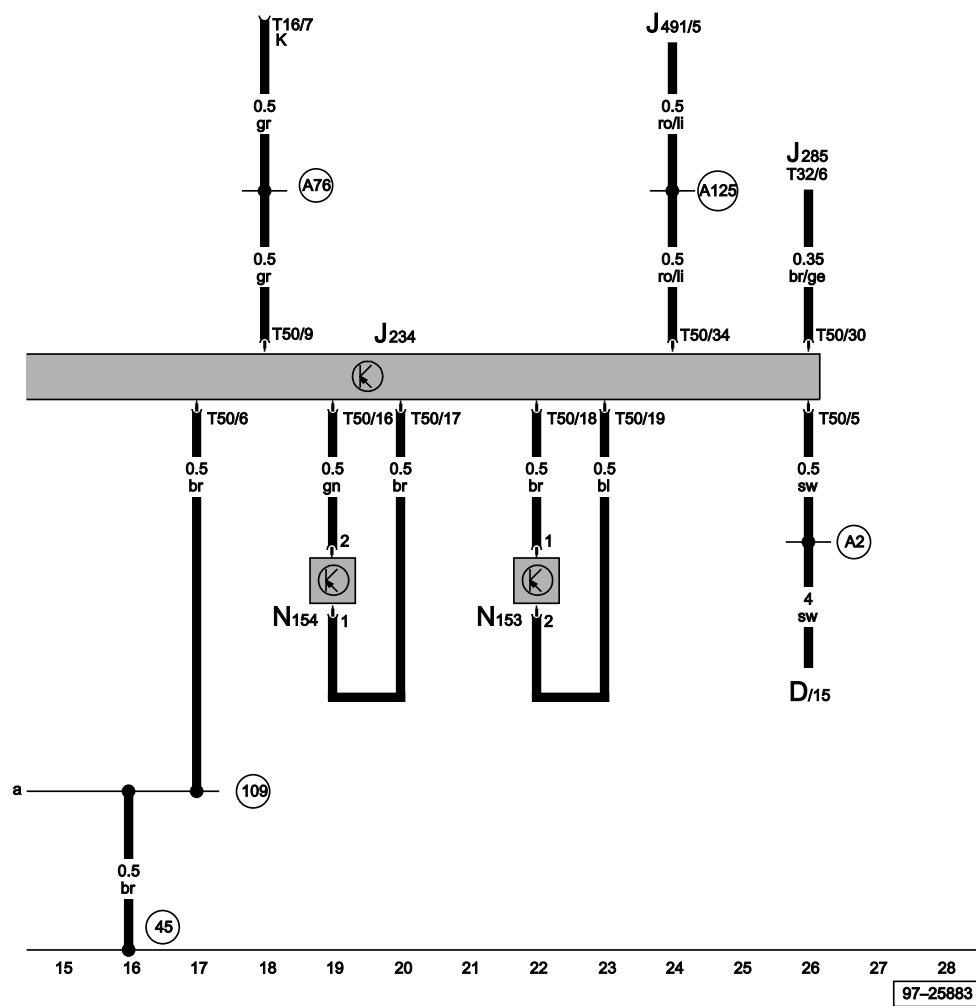


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- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

Airbag control unit, igniter -1- belt tensioner, driver's side, igniter -2- belt tensioner front passenger's side

- D Ignition/starter switch
- J234 Airbag control unit
- J285 Control unit with display in dash panel insert
- J491 Fuel shut-off control unit (Crash)
- N153 Belt tensioner igniter -1-, driver's side
- N154 Belt tensioner igniter -2-, front passenger's side
- T16 16-pin connector, diagnosis
- T32 32-pin connector, blue
- T50 50-pin connector

- 45 Earth point, behind dash panel - centre
- 109 Earth connection, in airbag wiring harness
- A2 Positive (+) connection (15), in dash panel wiring harness
- A76 Connection (diagnosis wire K), in dash panel wiring harness
- A125 Connection (crash signal), in dash panel wiring harness

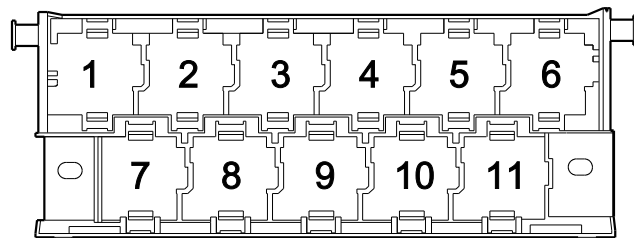


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- bl = blue
- gr = grey
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- ge = yellow
- or = orange
- rs = pink

Anti-lock brake system (ABS) und anti-lock brake system (ABS), with electronic differential lock (EDL)

From October 1999

For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.



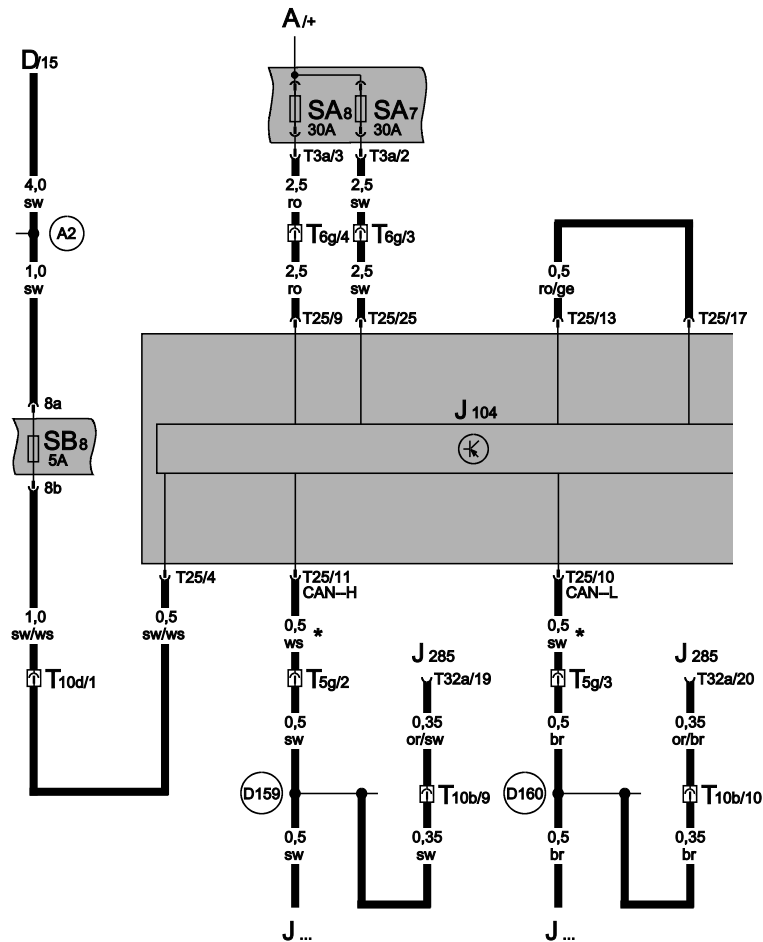
97-22850

Fuse colours

- 30 A - green
- 25 A - white
- 20 A - yellow
- 15 A - blue
- 10 A - red
- 7.5 A - brown
- 5 A - beige
- 3 A - purple

ABS with EDL control unit

- A Battery
- D Ignition/starter switch
- J... Engine control units
- J104 ABS with EDL control unit
- J285 Control unit with display in dash panel insert
- SA7 Fuse -7- on battery fuse box
- SA8 Fuse -8- on battery fuse box
- SB8 Fuse -8- on fuse box
- T3a 3-pin connector, on battery fuse box
- T5g 5-pin connector, pink, coupling station under relay carrier, left
- T6g 6-pin connector, black, coupling station under relay carrier, left
- T10b 10-pin connector, white, coupling station under relay carrier, left
- T10d 10-pin connector, pink, coupling station under relay carrier, left
- T25 25-pin connector
- T32a 32-pin connector, green, on dash panel insert
- A2 Positive (+) connection (15), in dash panel wiring harness
- D159 Connection (high bus), in engine compartment wiring harness
- D160 Connection (low bus), in engine compartment wiring harness
- * Data wire (CAN bus)



ws = white
 sw = black
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 bl = blue
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 li = purple
 ge = yellow
 or = orange
 rs = pink

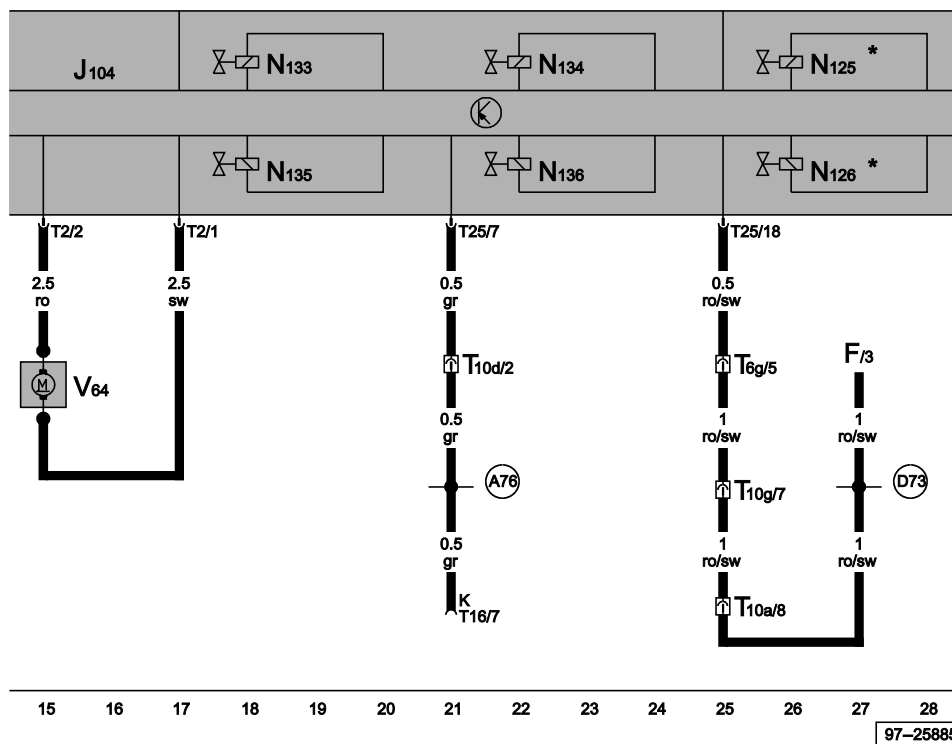
ABS with EDL control unit, differential lock valve 1, differential lock valve 2, ABS inlet valve, rear right, ABS inlet valve, rear left

- F Brake light switch
- J104 ABS with EDL control unit
- N125 Differential lock valve 1
- N126 Differential lock valve 2
- N133 ABS inlet valve, rear right
- N134 ABS inlet valve, rear left
- N135 ABS outlet valve, rear right
- N136 ABS outlet valve, rear left
- T2 2-pin connector
- T6g 6-pin connector, black, in protective housing for connectors
- T10a 10-pin connector, black, in protective housing for connectors
- T10d 10-pin connector, pink, in protective housing for connectors
- T10g 10-pin connector, red, in protective housing for connectors
- T16 16-pin connector, diagnosis
- T25 25-pin connector
- V64 ABS hydraulic pump

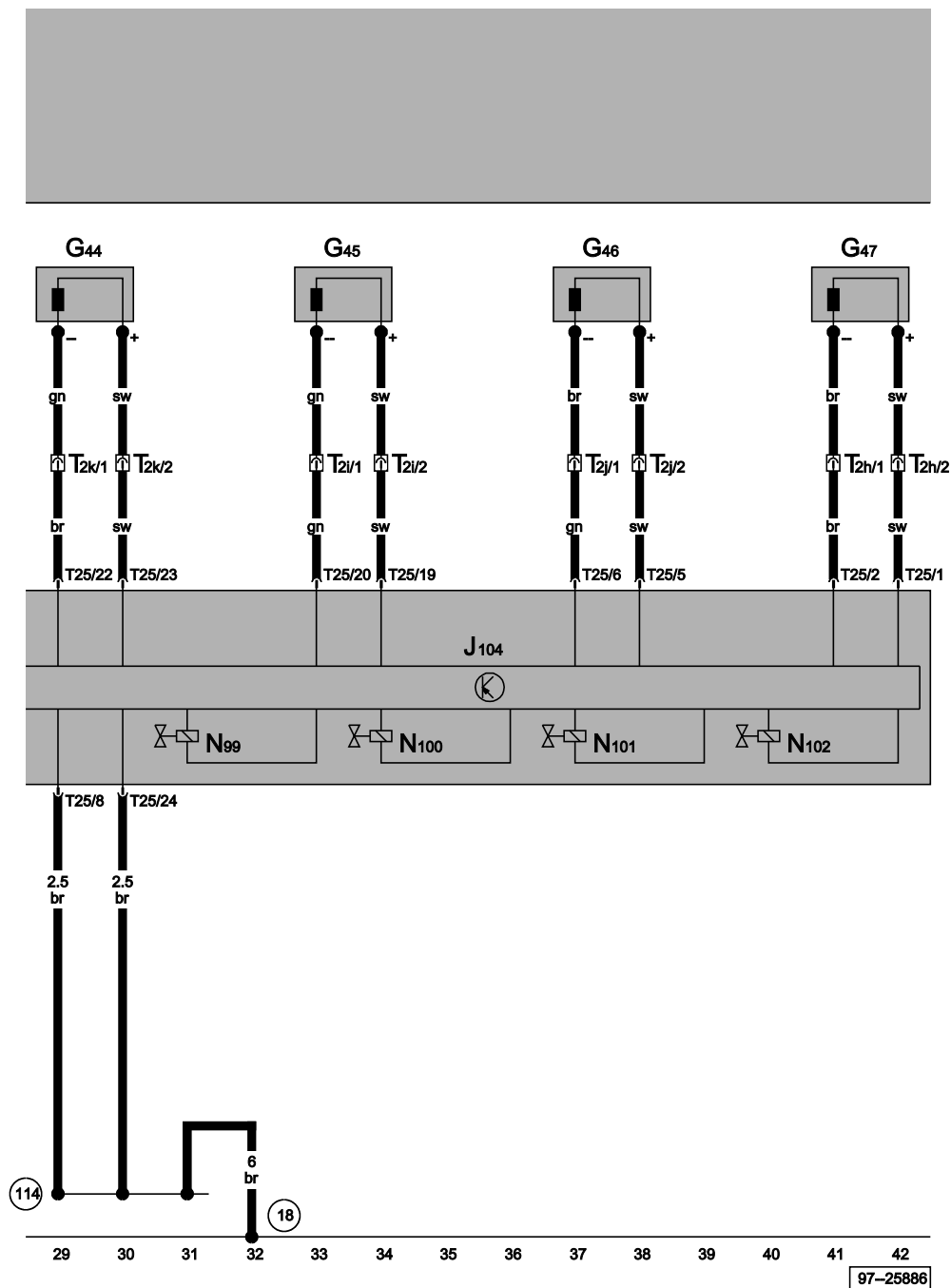
(A76) Connection (diagnosis wire K), in dash panel wiring harness

(D73) Positive (+) connection (54), in engine compartment wiring harness

* Only models with EDL



ws = white
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 bl = blue
 gr = grey
 li = purple
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 rs = pink



ABS with EDL control unit, rear right speed sensor, front right speed sensor

- G44 Rear right speed sensor
- G45 Front right speed sensor
- G46 Rear left speed sensor
- G47 Front left speed sensor
- J104 ABS with EDL control unit
- N99 ABS inlet valve, front right
- N100 ABS outlet valve, front right
- N101 ABS inlet valve, front left
- N102 ABS outlet valve, front left
- T2h 2-pin connector, on front left ABS sensor
- T2i 2-pin connector, on front right ABS sensor
- T2j 2-pin connector, on rear left ABS sensor
- T2k 2-pin connector, on rear right ABS sensor
- T25 25-pin connector

- 18 Earth point, on engine block
- 114 Earth connection, in automatic gearbox wiring harness

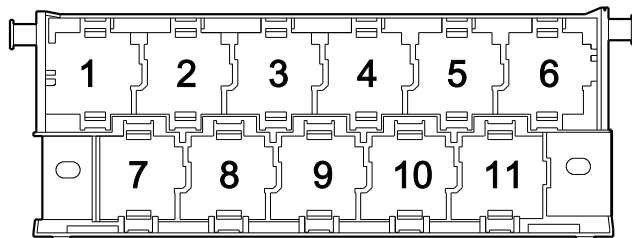
- ws = white
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- gn = green
- bl = blue
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- ge = yellow
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Exterior mirror, electrically adjustable and heated

From October 1999

For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.

Relay locations on the 11 position relay carrier:



97-22850

4 - Heated exterior mirror relay (404)

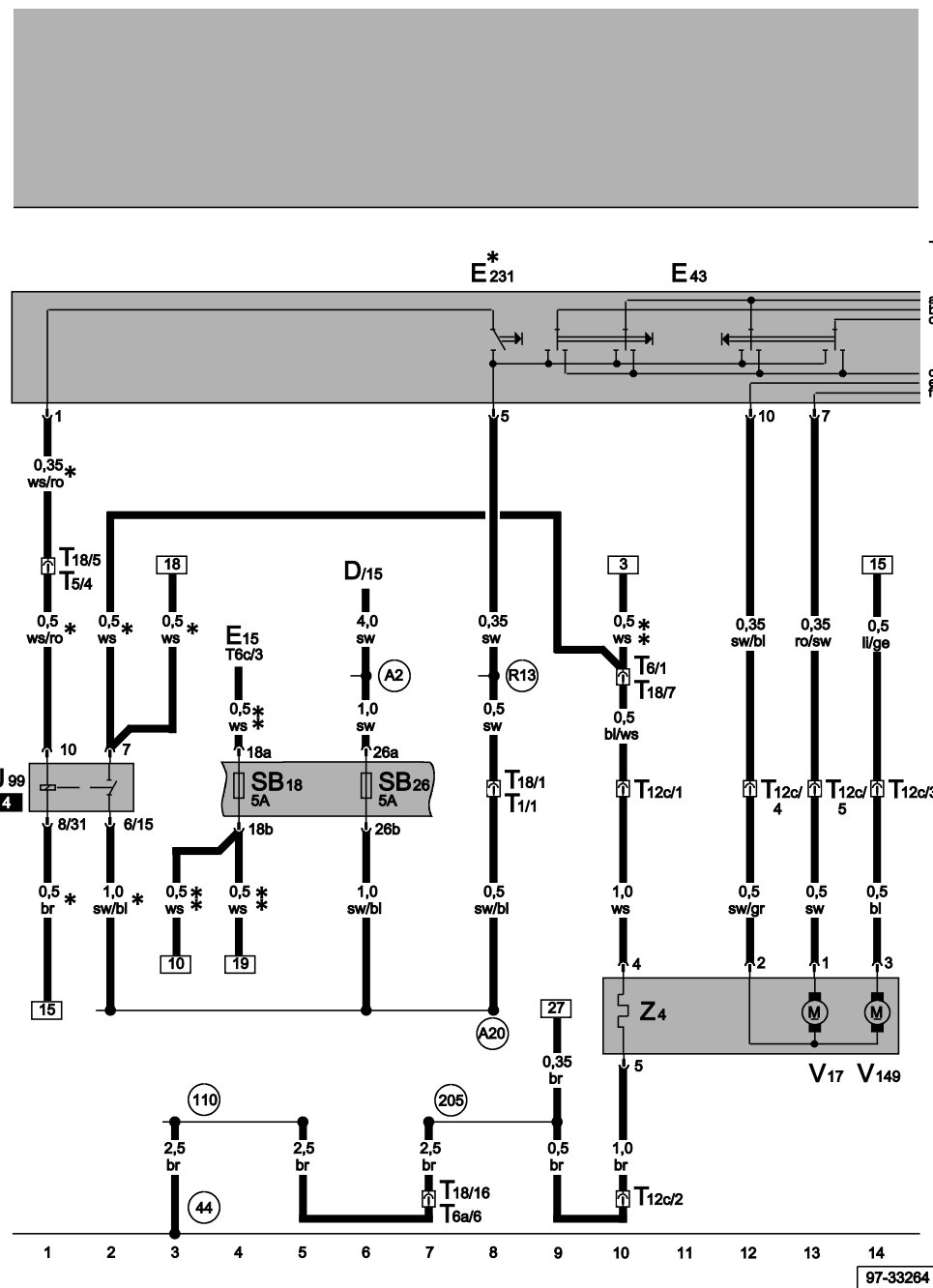


Note:

♦ *The number in brackets behind the part designation denotes the control number on the housing.*

Fuse colours

30 A - green
 25 A - white
 20 A - yellow
 15 A - blue
 10 A - red
 7.5 A - brown
 5 A - beige
 3 A - purple



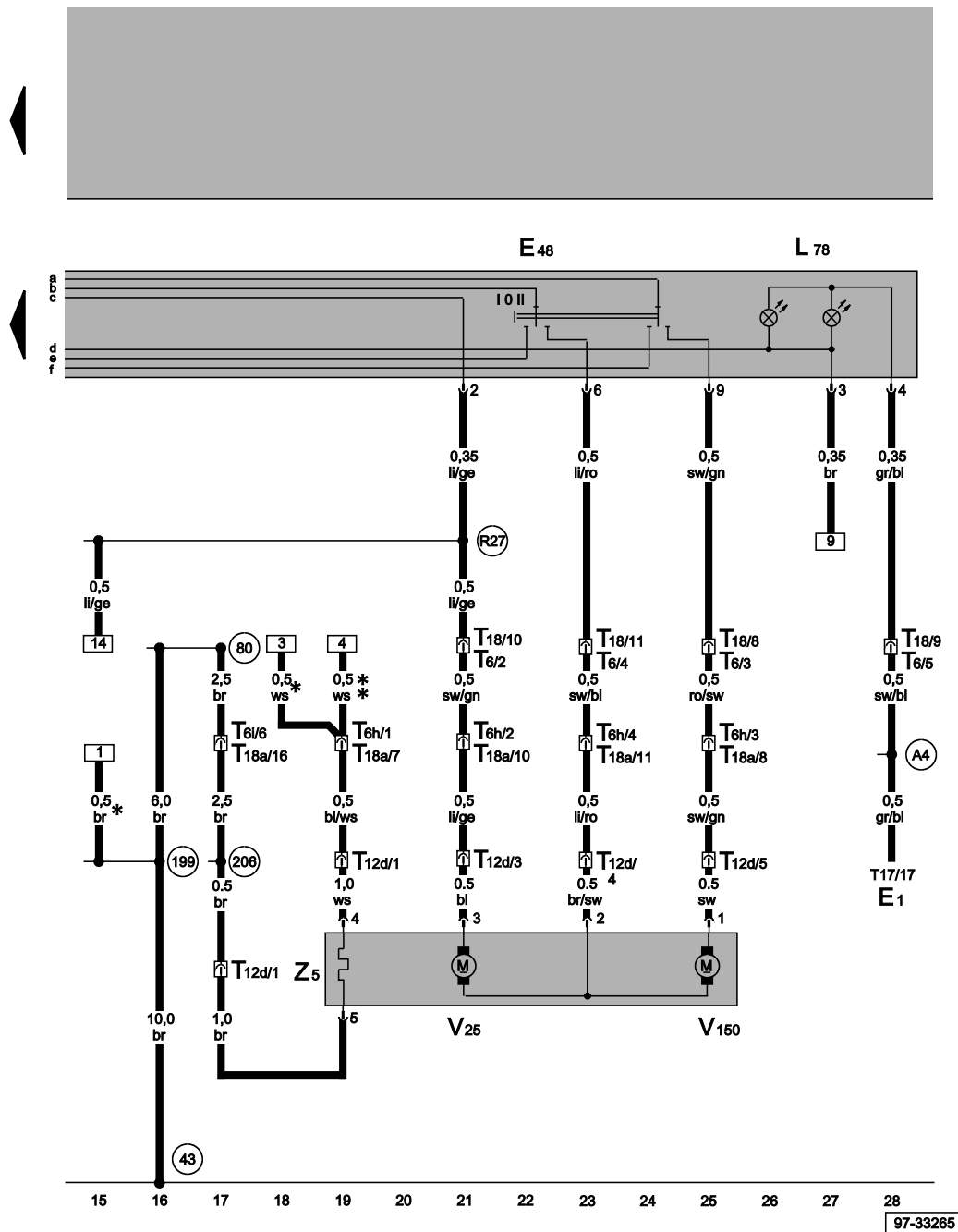
Mirror adjustment switch, mirror adjustment motor (driver's side), heated exterior mirrors driver's side

- D Ignition/starter switch
 - E15 Heated rear window switch
 - E43 Mirror adjustment switch
 - E231 Exterior mirror heating button
 - J99 Heated exterior mirror relay
 - SB18 Fuse -18- on fuse box
 - SB26 Fuse -26- on fuse box
 - T1 Single connector, on part of left A-pillar
 - T5 5-pin connector, on part of left A-pillar
 - T6 6-pin connector, on left A-pillar
 - T6a 6-pin connector, on left A-pillar
 - T6c 6-pin connector
 - T12c 12-pin connector, on exterior mirror driver's side
 - T18 18-pin connector, on part of left A-pillar
 - V17 Mirror adjustment motor, driver's side
 - V149 Mirror adjustment motor, driver's side
 - Z4 Heated exterior mirror, driver's side
- 44 Earth point, lower part of left A-pillar
 - 110 Earth connection -2-, in instruments wiring harness
 - 205 Earth connection, in door wiring harness - driver's side
 - A2 Positive (+) connection (15), in dash panel wiring harness
 - A20 Positive (+) connection (15a), in dash panel wiring harness
 - R13 Positive (+) connection -4- (15), in door wiring harness - driver's side
 - * Only separate heated exterior mirror
 - ** Only heated exterior mirror

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

Mirror adjustment change-over switch, mirror adjustment switch illumination, mirror adjustment motor (front passenger's side), heated exterior mirrors front passenger's side

- E1 Light switch
- E48 Mirror adjustment change-over switch
- L78 Mirror adjustment switch illumination
- T6 6-pin connector, on left A-pillar
- T6h 6-pin connector, on right A-pillar
- T6i 6-pin connector, on right A-pillar
- T12d 12-pin connector, on exterior mirror front passenger's side
- T17 17-pin connector, on light switch
- T18 18-pin connector, on part of left A-pillar
- T18a 18-pin connector, on right A-pillar
- V25 Mirror adjustment motor, front passenger's side
- V150 Mirror adjustment motor, front passenger's side
- Z5 Heated exterior mirror, front passenger's side
- 43 Earth point, lower part of right A-pillar
- 80 Earth connection -1-, in dash panel wiring harness
- 199 Earth connection -3-, in dash panel wiring harness
- 206 Earth connection, in door wiring harness - front passenger's side
- A4 Positive (+) connection (58b), in dash panel wiring harness
- R27 Connection (mirror adjustment), in door wiring harness - driver's side
- * Only separate heated exterior mirror
- ** Only heated exterior mirror

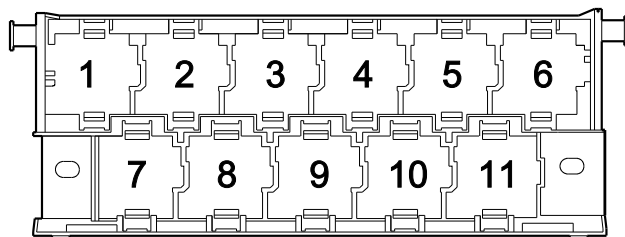


Radio systems

- ⇒ alpha
- ⇒ beta
- ⇒ beta with CD-changer
- ⇒ gamma
- ⇒ gamma with CD-changer

From October 1999

For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.



97-25507

Fuse colours

- 30 A - green
- 25 A - white
- 20 A - yellow
- 15 A - blue
- 10 A - red
- 7.5 A - brown
- 5 A - beige
- 3 A - purple



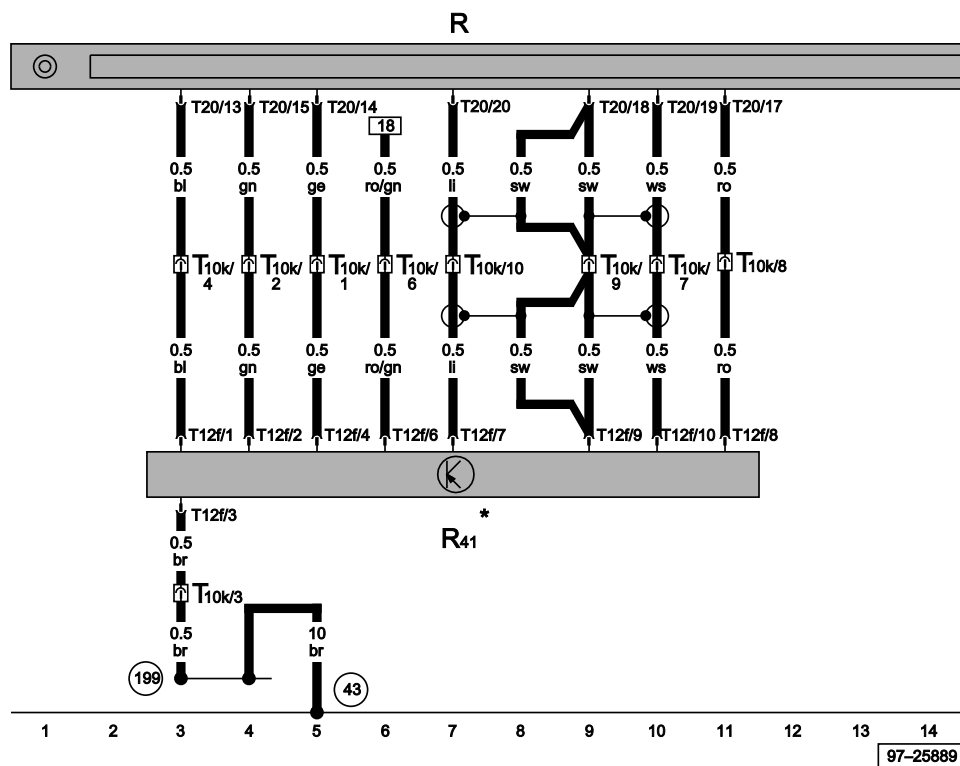
Radio, CD changer

- R Radio
- R41 CD changer
- T10k 10-pin connector, blue, in protective housing for connectors
- T12f 12-pin connector, in luggage compartment
- T20 20-pin connector

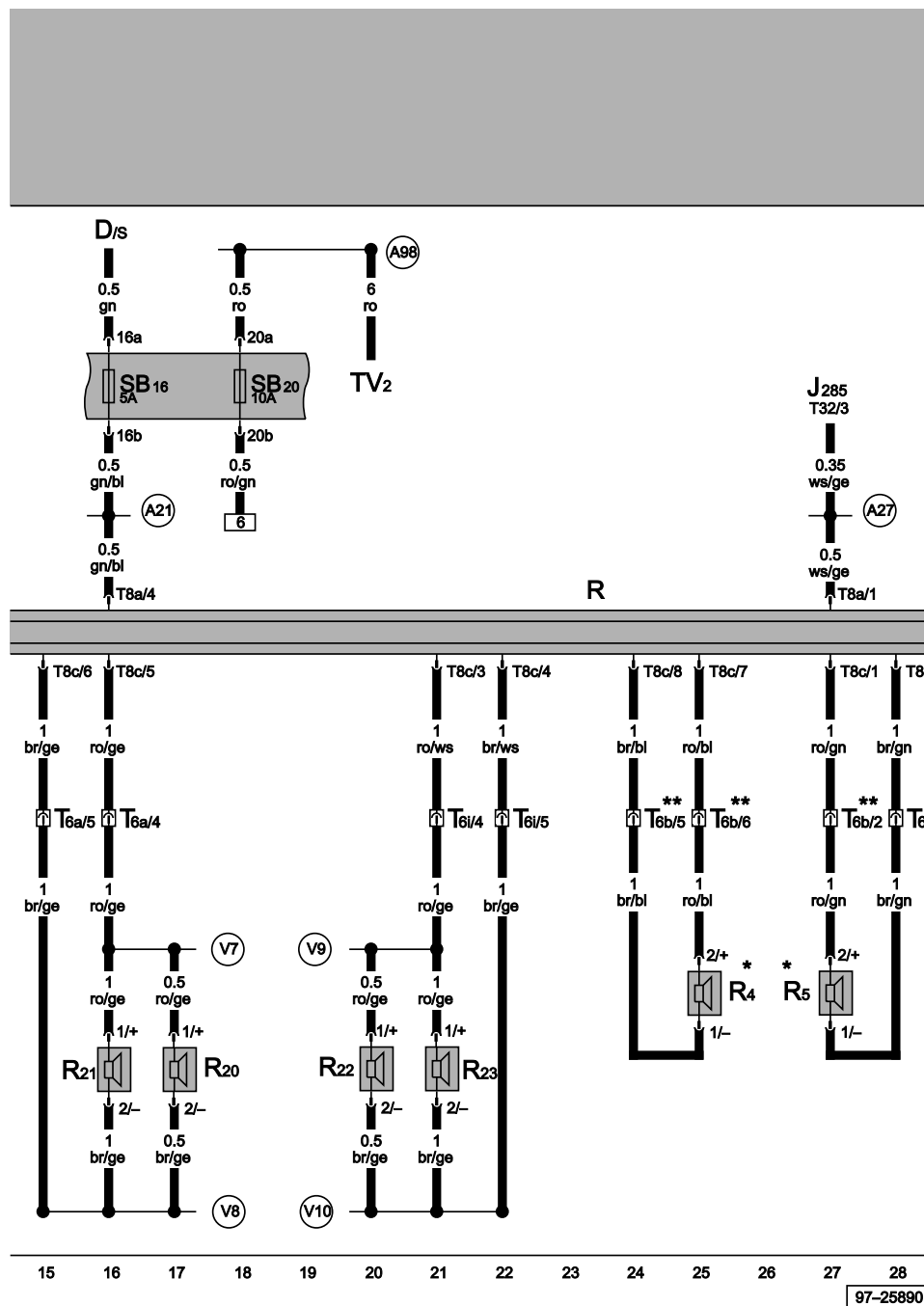
43 Earth point, lower part of right A-pillar

199 Earth connection -3-, in dash panel wiring harness

* Does not apply to radio 'alpha'



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

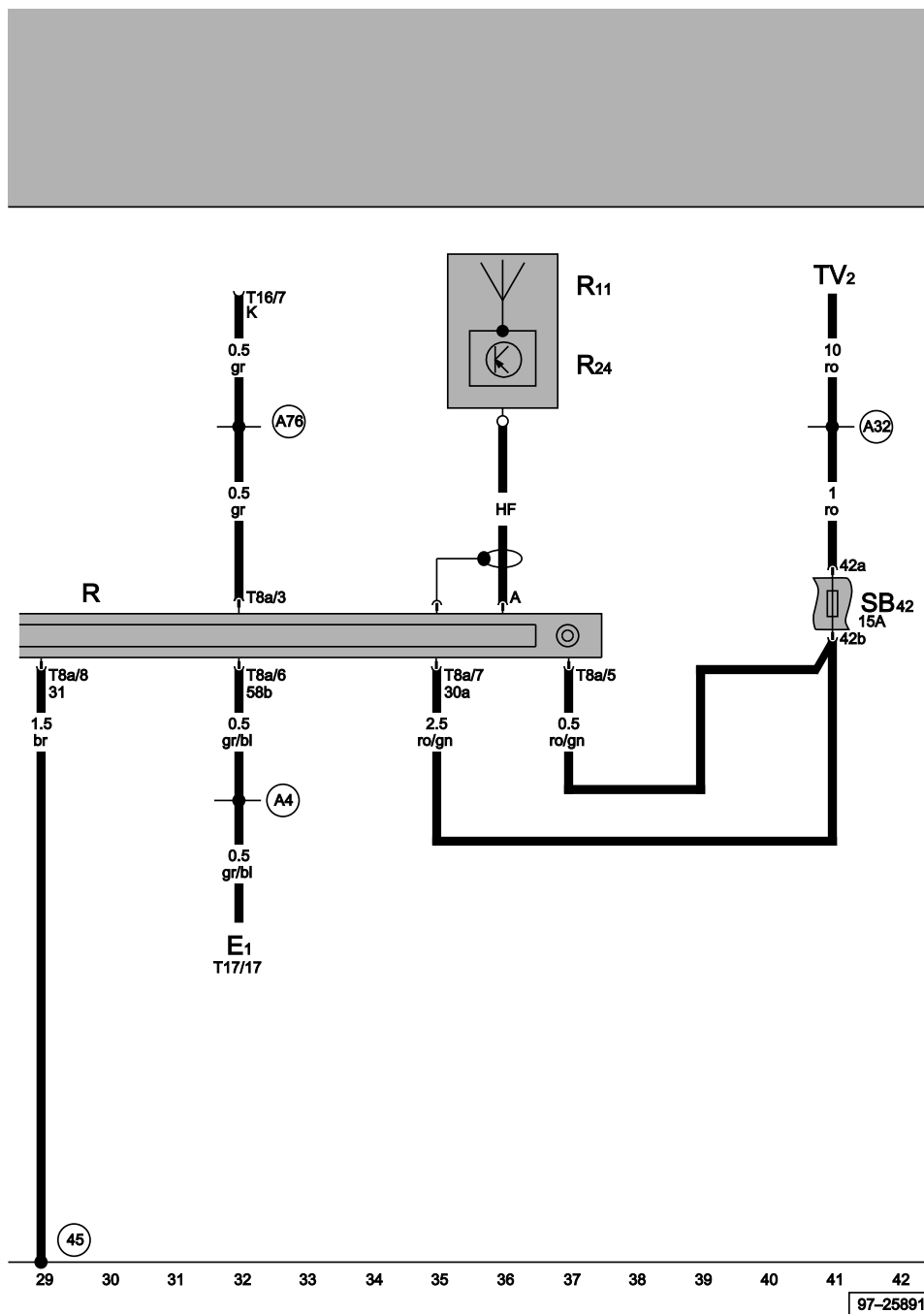


Radio, loudspeaker, rear left, loudspeaker, rear right, treble loudspeaker, front left, bass loudspeaker, front left, treble loudspeaker, front right, bass loudspeaker, front right

- D Ignition/starter switch
- J285 Control unit with display in dash panel insert
- R Radio
- R4 Loudspeaker, rear left
- R5 Loudspeaker, rear right
- R20 Treble loudspeaker, front left
- R21 Bass loudspeaker, front left
- R22 Treble loudspeaker, front right
- R23 Bass loudspeaker, front right
- SB16 Fuse -16- on fuse box
- SB20 Fuse -20- on fuse box
- TV2 Terminal 30 junction box
- T6a 6-pin connector, A pillar, left
- T6b 6-pin connector, grey, in protective housing for connectors
- T6i 6-pin connector, A pillar, front passenger's seat, right
- T8a 8-pin connector
- T8c 8-pin connector
- T32 32-pin connector, blue

- A21 Connection (86s), in dash panel wiring harness
- A27 Connection (vehicle speed signal), in dash panel wiring harness
- A98 Positive (+) connection -4- (30), in dash panel wiring harness
- V7 Connection (positive, front left loudspeaker), in speaker wiring harness
- V8 Connection (negative, front left loudspeaker), in speaker wiring harness
- V9 Connection (positive, front right loudspeaker), in speaker wiring harness
- V10 Connection (negative, loudspeaker FR), in loudspeaker wiring harness

* Except radios 'beta' and 'alpha'
** Only models with 4-doors



Radio, aerial, aerial amplifier

- E1 Lighting switch
- R Radio
- R11 Aerial
- R24 Aerial amplifier
- SB42 Fuse -42- on fuse box
- TV2 Terminal 30 junction box
- T8a 8-pin connector
- T16 16-pin connector, diagnosis
- T17 17-pin connector
- 45 Earth point, behind dash panel - centre
- A4 Positive (+) connection (58b), in dash panel wiring harness
- A32 Positive (+) connection (30), in dash panel wiring harness
- A76 Connection (diagnosis wire K), in dash panel wiring harness

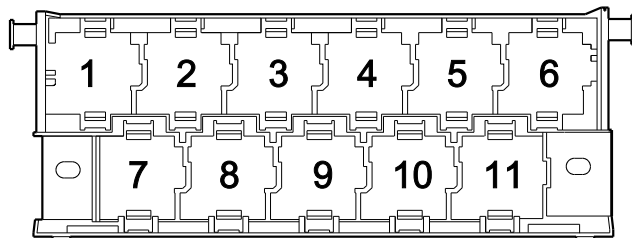
ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink

Rain sensor, automatic anti-dazzle interior mirror

From October 1999

For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.

Relay locations on the 11 position relay carrier:



97-22850

5 - X contact relief relay (100)

11 - Automatic intermittent wash/wipe relay



Note:

♦ *The number in brackets behind the part designation denotes the control number on the housing.*

Fuse colours

30 A - green

25 A - white

20 A - yellow

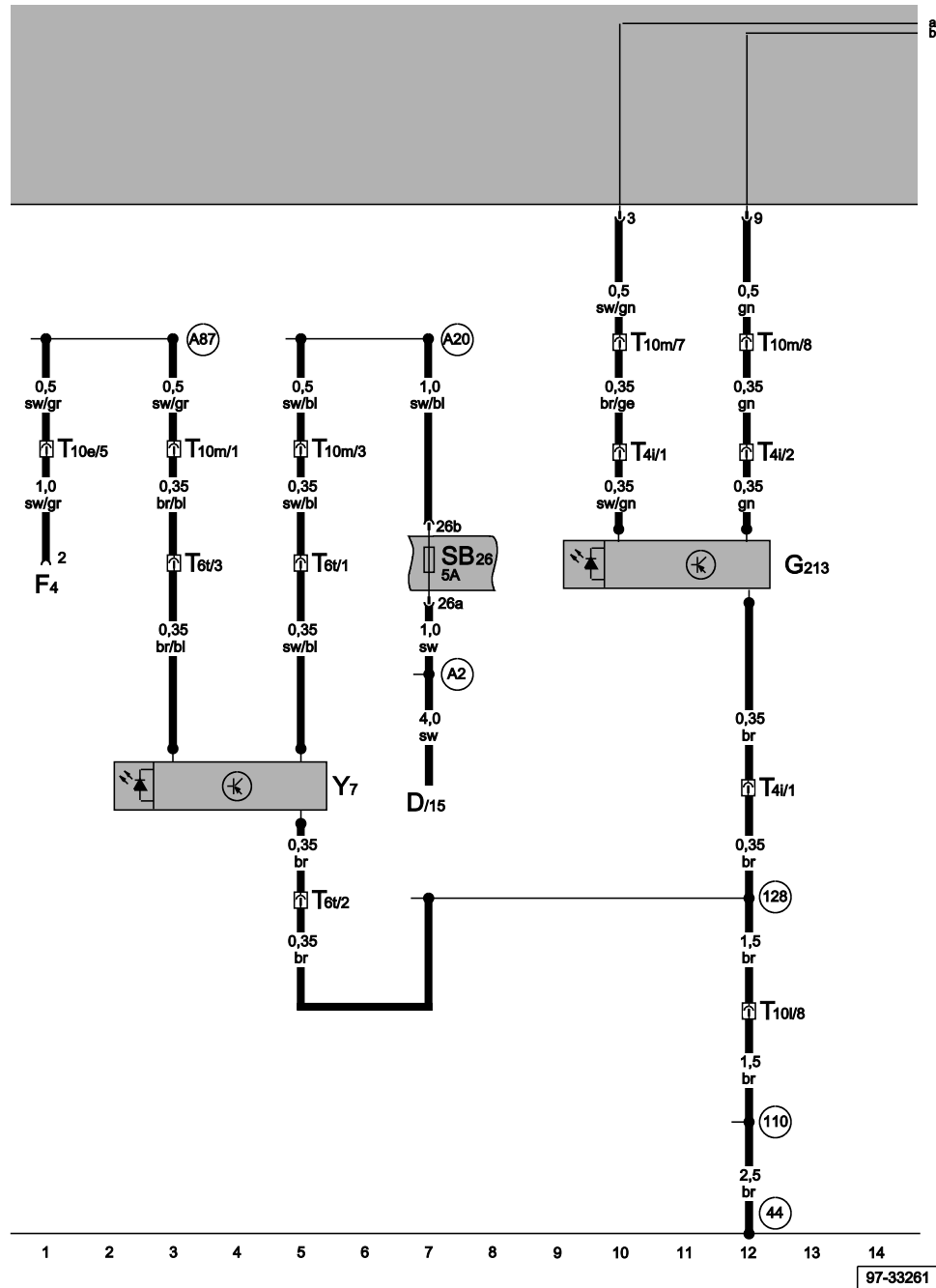
15 A - blue

10 A - red

7.5 A - brown

5 A - beige

3 A - purple



Rain sensor, automatic anti-dazzle interior mirror

- D Ignition/starter switch
- F4 Reversing light switch
- G213 Rain sensor
- SB26 Fuse -26- on fuse box
- T4i 4-pin connector, interior mirror
- T6t 6-pin connector, interior mirror
- T10e 10-pin connector, green, coupling station under relay carrier, left
- T10l 10-pin connector, on part of left A-pillar
- T10m 10-pin connector, on part of left A-pillar
- Y7 Automatic anti-dazzle interior mirror

- 44 Earth point, lower part of left A-pillar
- 110 Earth connection -2-, in instruments wiring harness
- 128 Earth connection -1-, in interior light wiring harness
- A2 Positive (+) connection (15), in dash panel wiring harness
- A20 Positive (+) connection (15a), in dash panel wiring harness
- A87 Connection (reversing light), in dash panel wiring harness

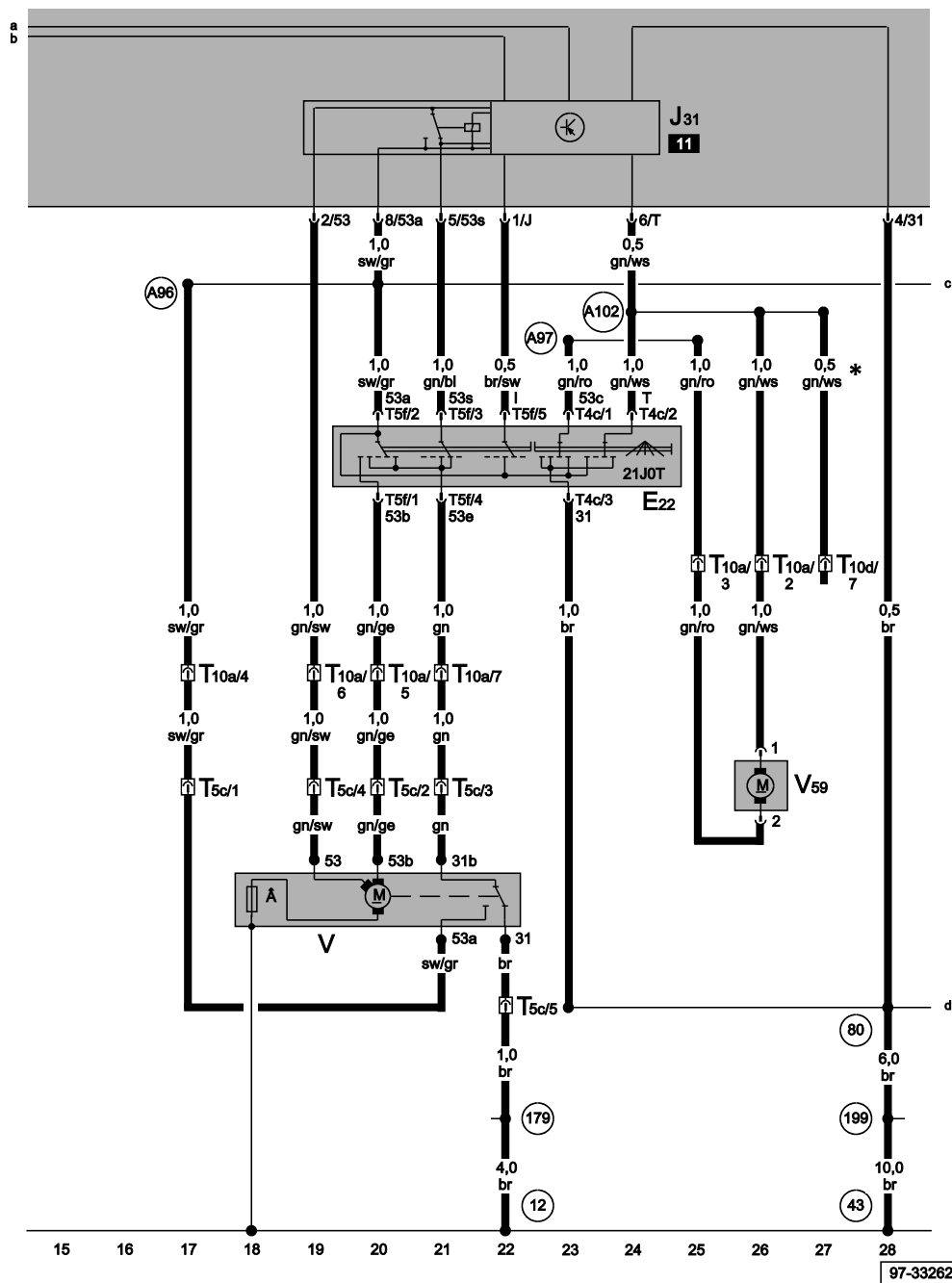
ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink

Intermittent wiper switch, windscreen wiper motor, windscreen and rear window washer pump

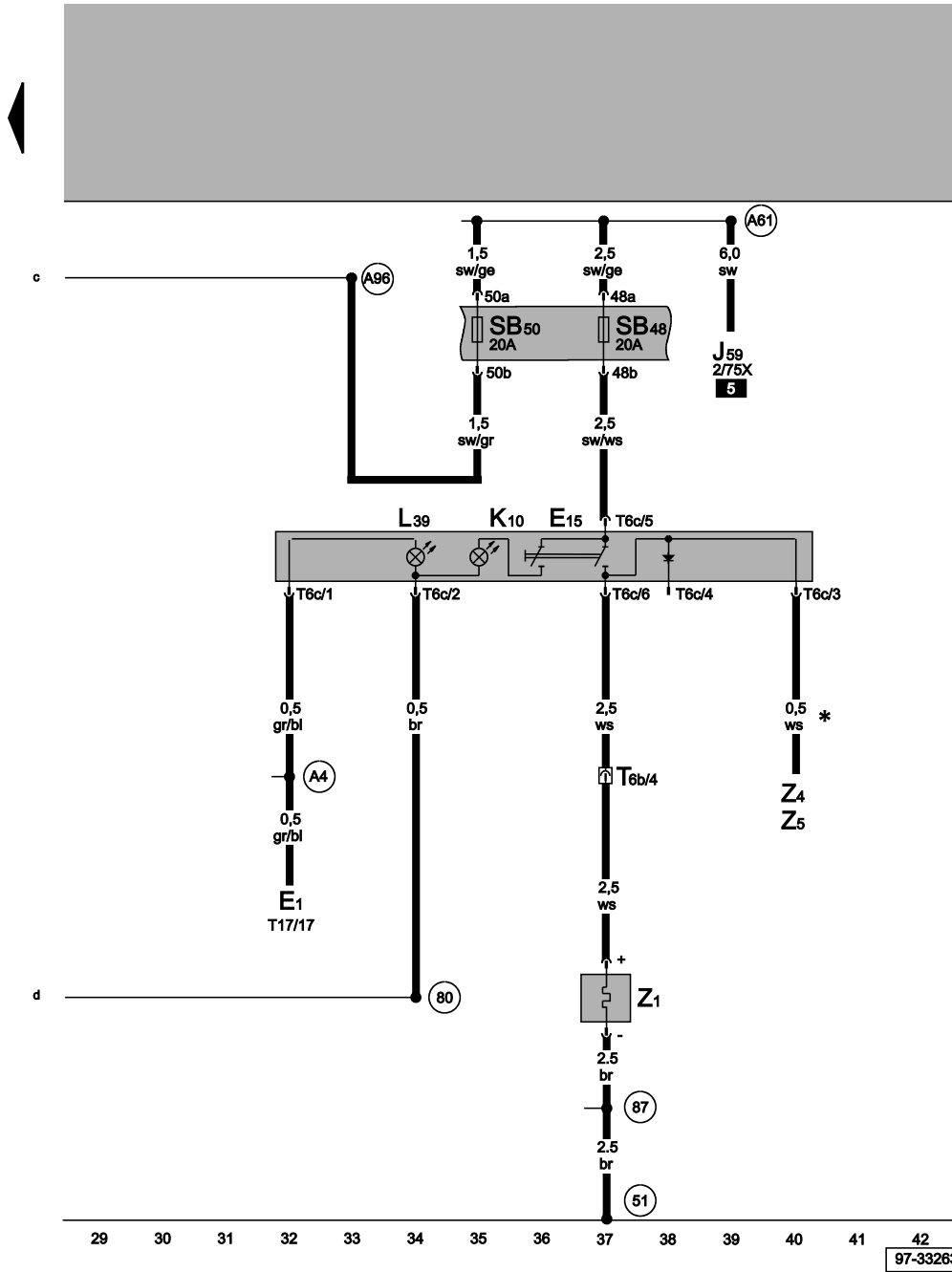
- E22 Intermittent wiper switch
- J31 Automatic intermittent wash/wipe relay
- T4c 4-pin connector
- T5c 5-pin connector, on windscreen wiper motor
- T5f 5-pin connector
- T10a 10-pin connector, black, coupling station under relay carrier, left
- T10d 10-pin connector, pink, coupling station under relay carrier, left
- V Windscreen wiper motor
- V59 Windscreen and rear window washer pump

- 12 Earth point, left in engine compartment
- 43 Earth point, lower part of right A-pillar
- 80 Earth connection -1-, in dash panel wiring harness
- 179 Earth connection, in left headlight wiring harness
- 199 Earth connection -3-, in dash panel wiring harness
- A96 Connection (53a), in dash panel wiring harness
- A97 Connection (53), in dash panel wiring harness
- A102 Connection (windscreen wiper), in dash panel wiring harness
- * Only models with headlight washer system

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



Heated rear window switch, heated rear window warning lamp, heated rear window switch bulb, heated rear window



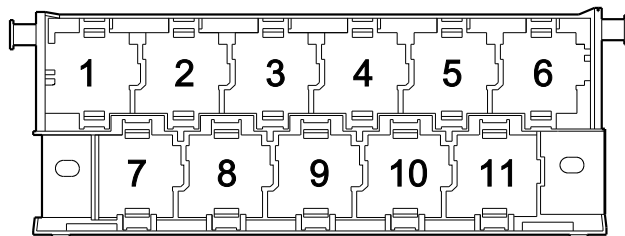
- E1 Light switch
- E15 Heated rear window switch
- J59 X contact relief relay
- K10 Heated rear window warning lamp
- L39 Heated rear window switch bulb
- SB48 Fuse -48- on fuse box
- SB50 Fuse -50- on fuse box
- T6b 6-pin connector, grey, coupling station under relay carrier, left
- T6c 6-pin connector
- T17 17-pin connector
- Z1 Heated rear window
- Z4 Heated exterior mirror, driver's side
- Z5 Heated exterior mirror, front passenger's side

- 51 Earth point, right luggage compartment
- 80 Earth connection -1-, in dash panel wiring harness
- 87 Earth connection -2-, in rear wiring harness
- A4 Positive (+) connection (58b), in dash panel wiring harness
- A61 Positive (+) connection (X), in dash panel wiring harness
- A96 Connection (53a), in dash panel wiring harness
- * Only heated exterior mirror

Heated front seats

From October 1999

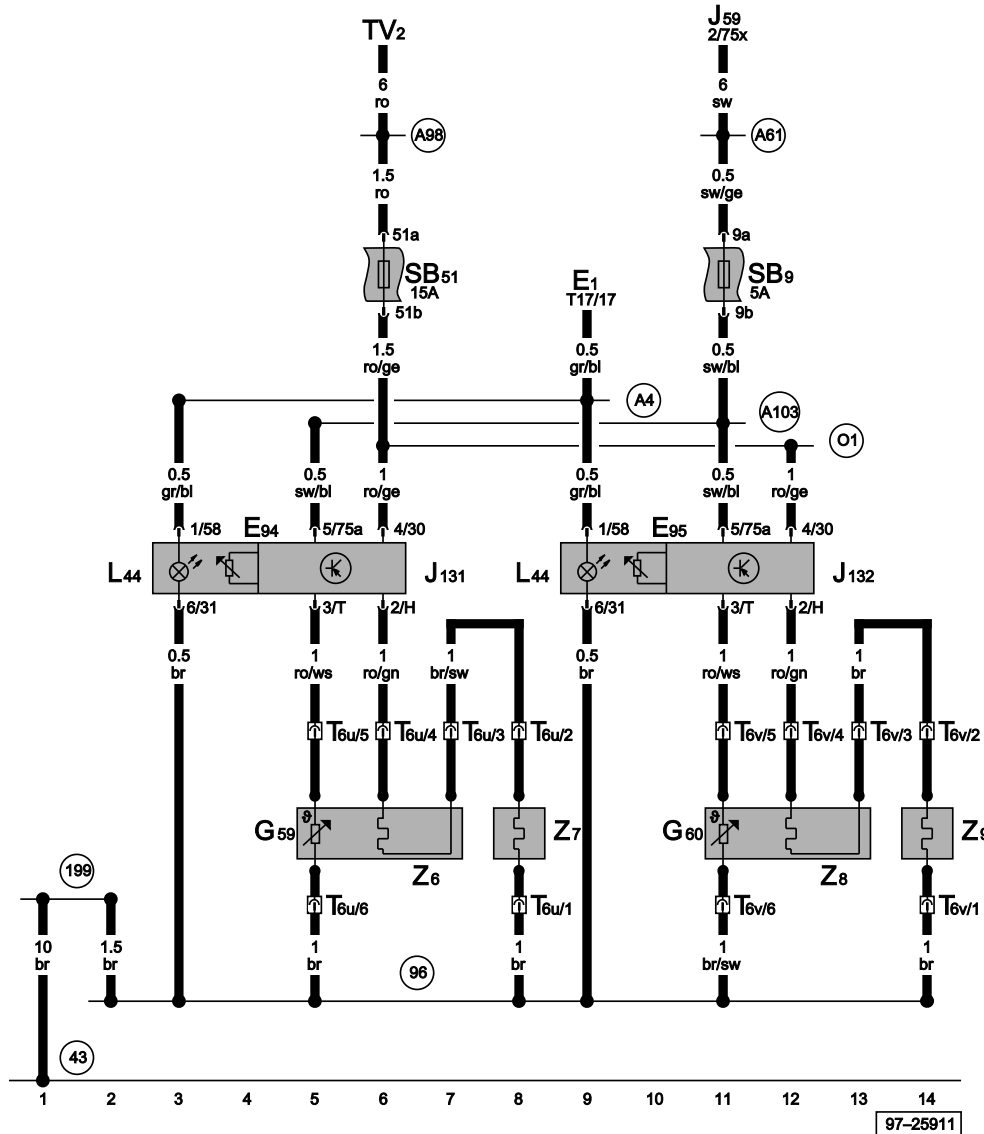
For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.



97-25507

Fuse colours

- 30 A - green
- 25 A - white
- 20 A - yellow
- 15 A - blue
- 10 A - red
- 7.5 A - brown
- 5 A - beige
- 3 A - purple



Heated driver seat, heated front passenger's seat

- E1 Lighting switch
- E94 Heated driver's seat adjuster
- E95 Heated front passenger's seat adjuster
- G59 Driver's seat temperature sensor
- G60 Front passenger's seat temperature sensor
- J59 X contact relief relay
- J131 Heated driver's seat control unit
- J132 Heated front passenger's seat control unit
- L44 Seat heating switch light bulb
- SB9 Fuse -9- on fuse box
- SB51 Fuse -51- on fuse box
- Z6 Heated driver's seat
- Z7 Heated driver's seat backrest
- Z8 Heated front passenger's seat
- Z9 Heated front passenger's seat backrest
- T6u 6-pin connector, in driver's seat
- T6v 6-pin connector, in front passenger's seat
- T17 17-pin connector
- TV2 Terminal 30 junction box

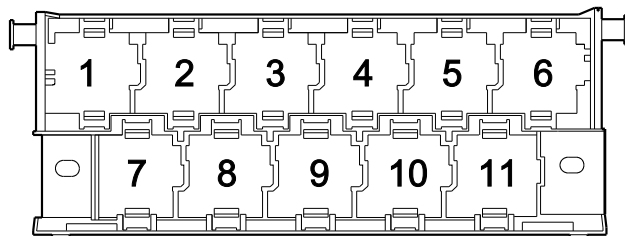
- 43 Earth point, lower part of right A-pillar
- 96 Earth connection -1-, in seat heating wiring harness
- 199 Earth connection -3-, in dash panel wiring harness
- A4 Positive (+) connection (58b), in dash panel wiring harness
- A61 Positive (+) connection (X), in instruments wiring harness
- A98 Positive (+) connection -4- (30), in dash panel wiring harness
- A103 Connection -2- (56), in dash panel wiring harness
- O1 Positive (+) connection (30), in heated seats wiring harness

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

Socket (12V)

From October 1999

For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.



97-25507

Fuse colours

- 30 A - green
- 25 A - white
- 20 A - yellow
- 15 A - blue
- 10 A - red
- 7.5 A - brown
- 5 A - beige
- 3 A - purple

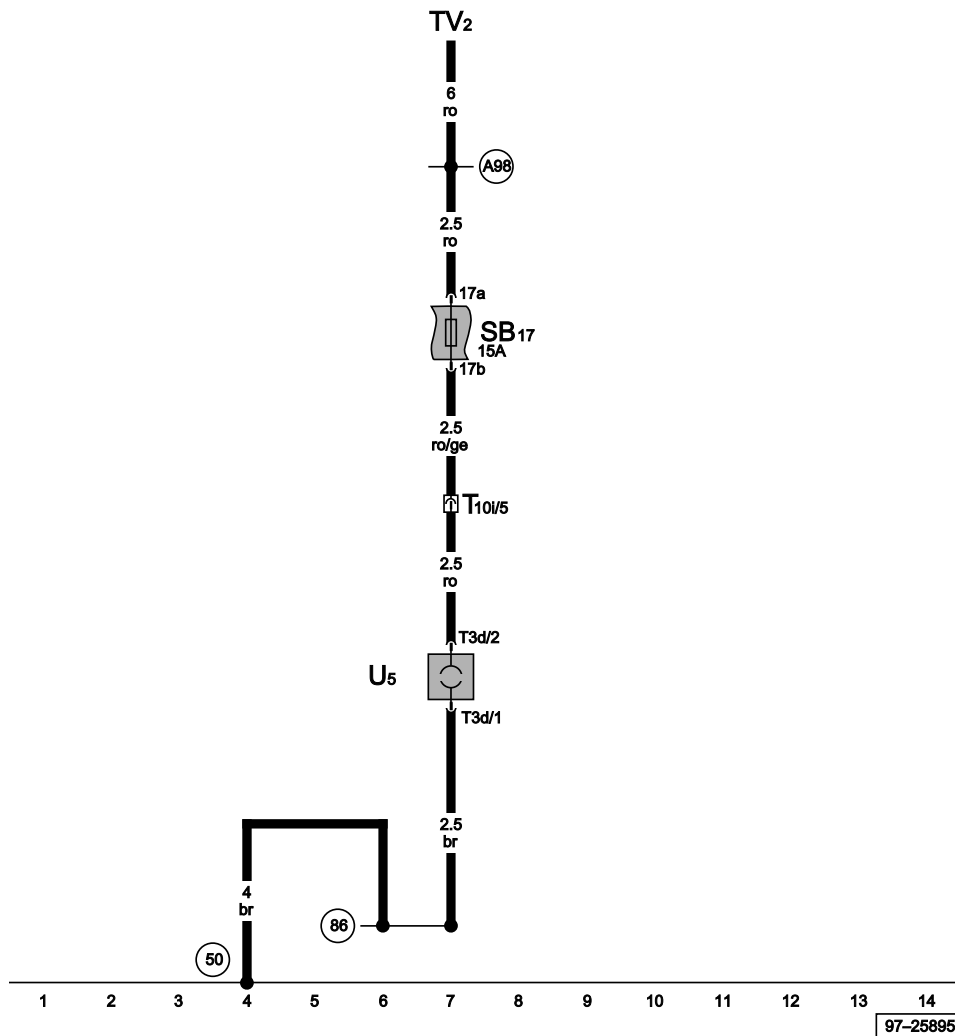
12 V socket

- SB17 Fuse -17- on fuse box
 TV2 Terminal 30 junction box
 T3d 3-pin connector, in luggage compartment
 T10i 10-pin connector, orange, in protective housing for connectors
 U5 12 V socket

50 Earth point, in left luggage compartment

86 Earth connection -1-, in rear wiring harness

A98 Positive (+) connection -4- (30), in dash panel wiring harness

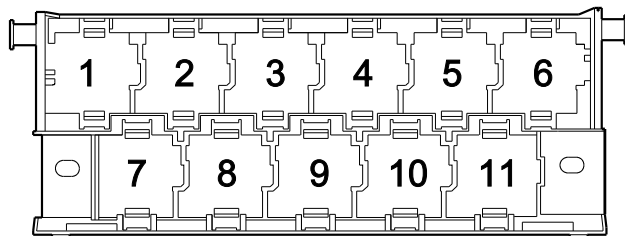


ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink

Heated washer jets

From October 1999

For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.



97-25507

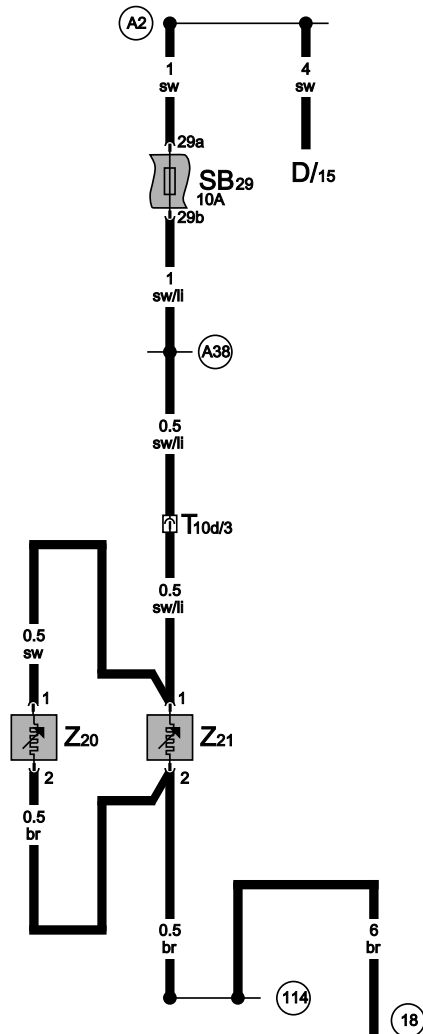
Fuse colours

- 30 A - green
- 25 A - white
- 20 A - yellow
- 15 A - blue
- 10 A - red
- 7.5 A - brown
- 5 A - beige
- 3 A - purple

Heater element, left washer jet, heater element, right washer jet

- D Ignition/starter switch
- SB29 Fuse -29- in fuse box
- T10d 10-pin connector, pink, in protective housing for connectors
- Z20 Heater element, left washer jet
- Z21 Heater element, right washer jet

- 18 Earth point, on engine block
- 114 Earth connection, in automatic gearbox wiring harness
- A2 Positive (+) connection (15), in dash panel wiring harness
- A38 Positive (+) connection -2- (15a), in dash panel wiring harness



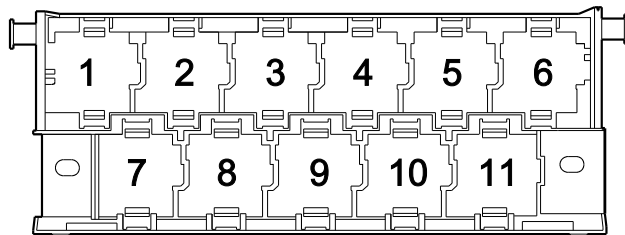
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

Headlight washer system

From October 1999

For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.

Relay locations on relay plate:



97-25507

10 - Dual tone horn relay (53)

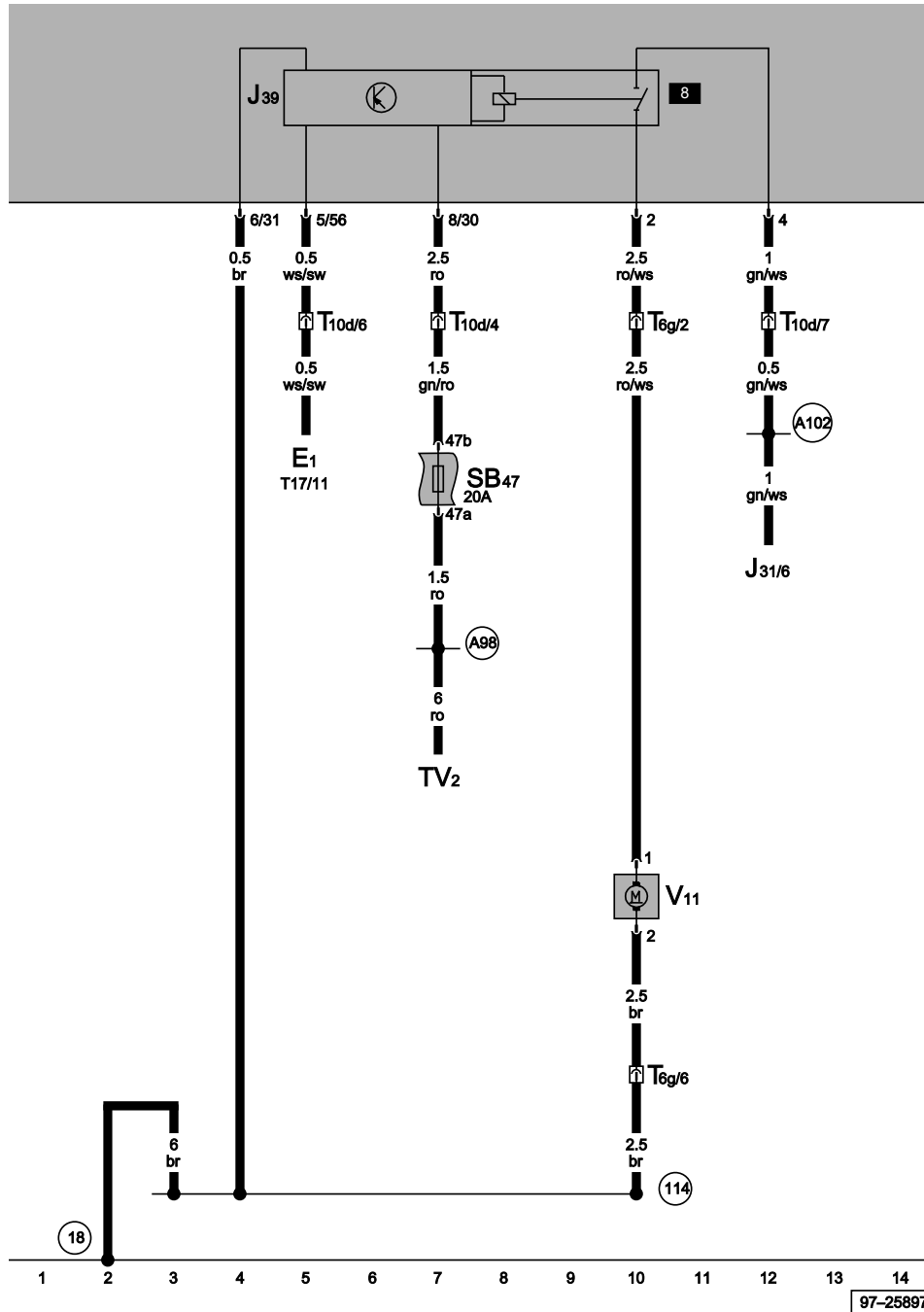


Note:

♦ The number in brackets behind the part designation denotes the control number on the housing.

Fuse colours

30 A - green
 25 A - white
 20 A - yellow
 15 A - blue
 10 A - red
 7.5 A - brown
 5 A - beige
 3 A - purple



Headlight washer system relay, headlight washer system pump

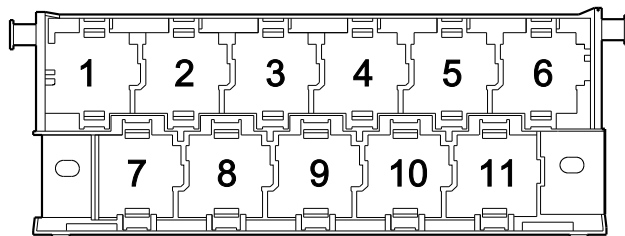
- E1 Lighting switch
- J31 Automatic intermittent wash/wipe relay
- J39 Headlight washer system relay
- SB47 Fuse -47- on fuse box
- TV2 Terminal 30 junction box
- T6g 6-pin connector, black, in protective housing for connectors
- T10d 10-pin connector, pink, in protective housing for connectors
- T17 17-pin connector
- V11 Headlight washer system pump

- 18 Earth point, on engine block
- 114 Earth connection, in automatic gearbox wiring harness
- A98 Positive (+) connection -4- (30), in dash panel wiring harness
- A102 Connection (windscreen wiper), in dash panel wiring harness

Front and rear fog lights

From October 1999

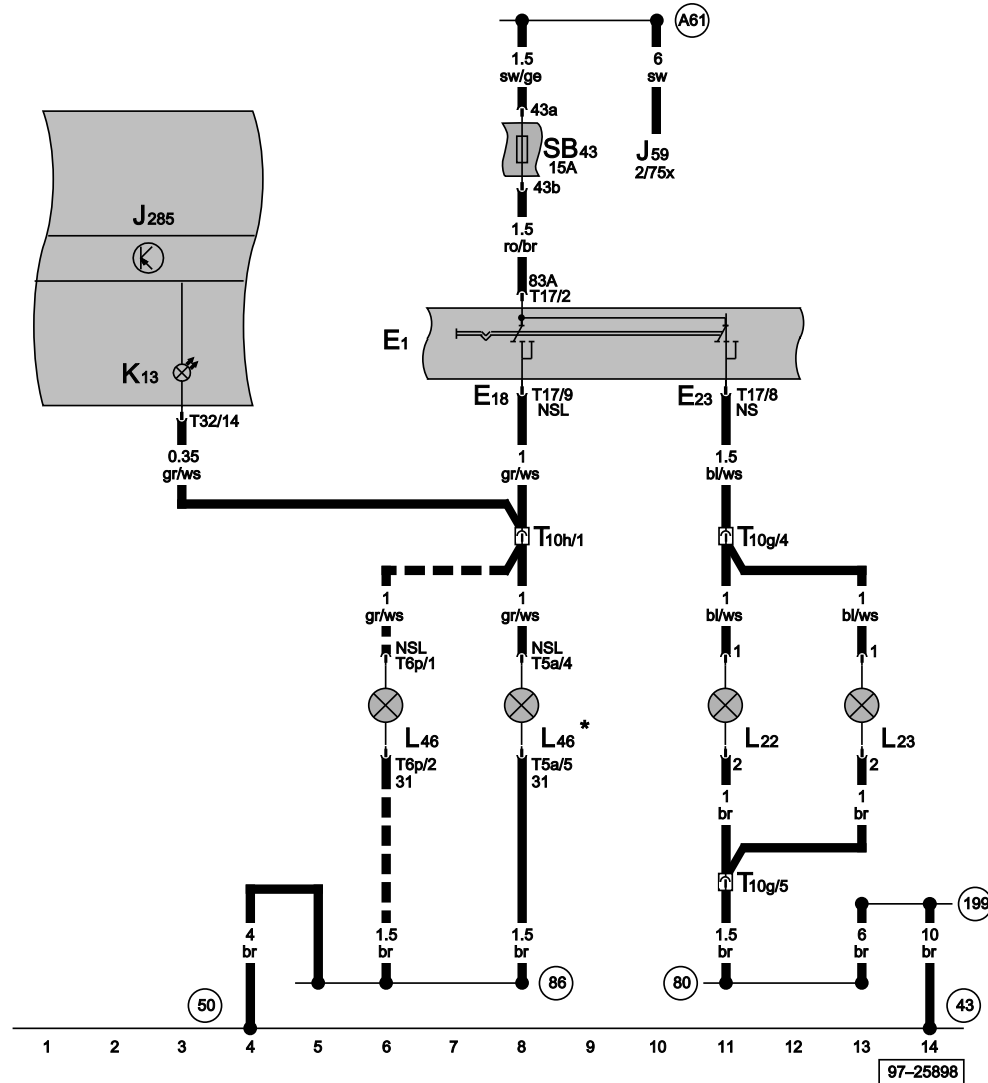
For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.



97-25507

Fuse colours

- 30 A - green
- 25 A - white
- 20 A - yellow
- 15 A - blue
- 10 A - red
- 7.5 A - brown
- 5 A - beige
- 3 A - purple



Fog light bulb left, fog light bulb right

- E1 Lighting switch
- E18 Rear fog light switch
- E23 Front and rear fog light switch
- J59 X contact relief relay
- J285 Control unit with display in dash panel insert
- K13 Rear fog light warning lamp
- L22 Fog light bulb, left
- L23 Fog light bulb, right
- L46 Rear fog light bulb, left
- SB43 Fuse -43- on fuse box
- T5a 5-pin connector
- T6p 6-pin connector
- T10g 10-pin connector, red, in protective housing for connectors
- T10h 10-pin connector, green, in protective housing for connectors
- T17 17-pin connector
- T32 32-pin connector, blue

- 43 Earth point, lower part of right A-pillar
- 50 Earth point, in left luggage compartment
- 80 Earth connection -1-, in instruments wiring harness
- 86 Earth connection -1-, in rear wiring harness
- 199 Earth connection -3-, in dash panel wiring harness
- A61 Positive (+) connection (X), in instruments wiring harness

* Only models Polo Classic
 Only models Polo Variant

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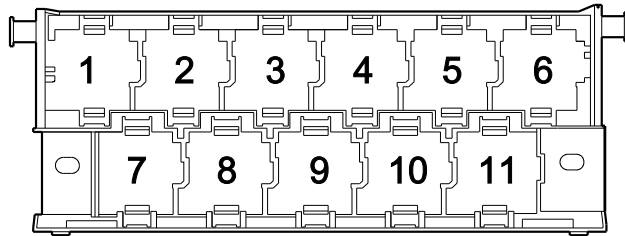
ws = white

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

Daytime driving lights

From October 1999

For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.



97-25507

Fuse colours

- 30 A - green
- 25 A - white
- 20 A - yellow
- 15 A - blue
- 10 A - red
- 7.5 A - brown
- 5 A - beige
- 3 A - purple

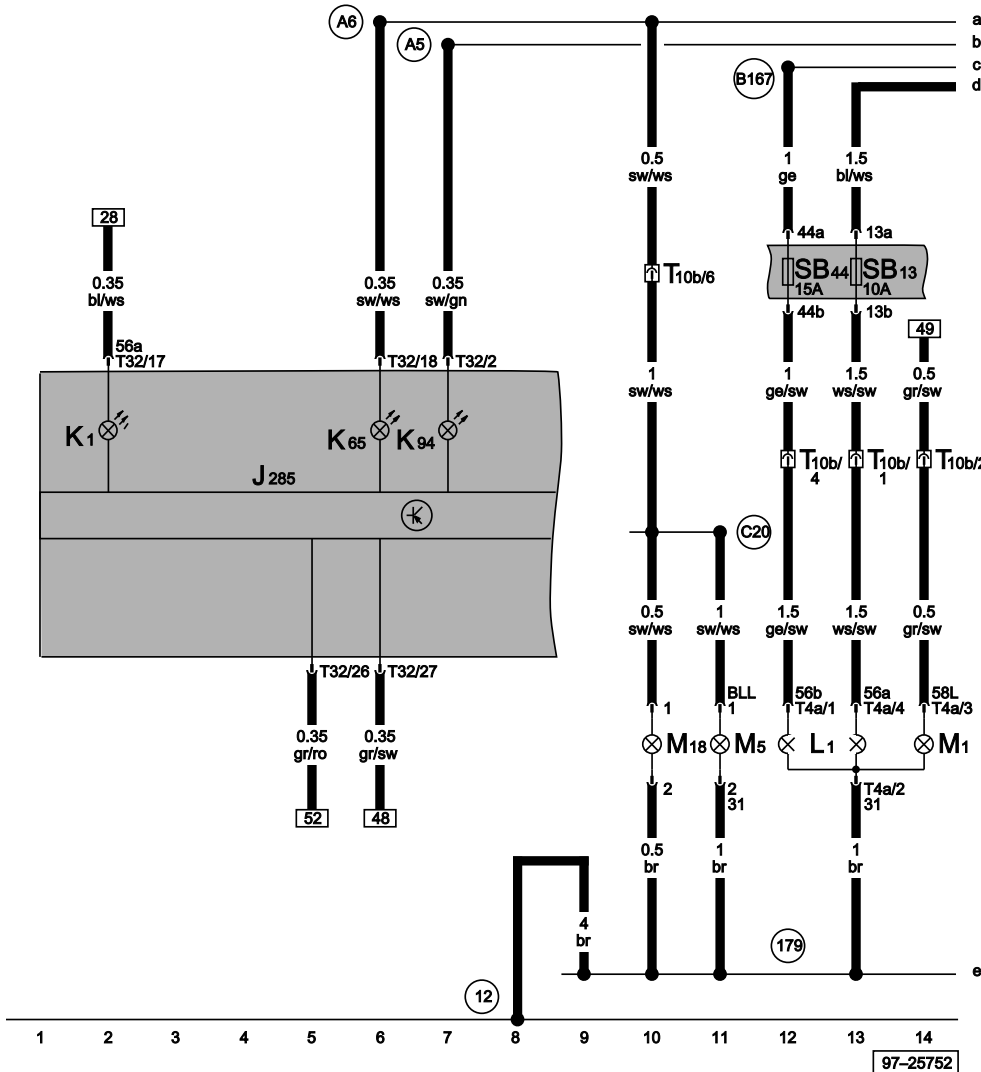


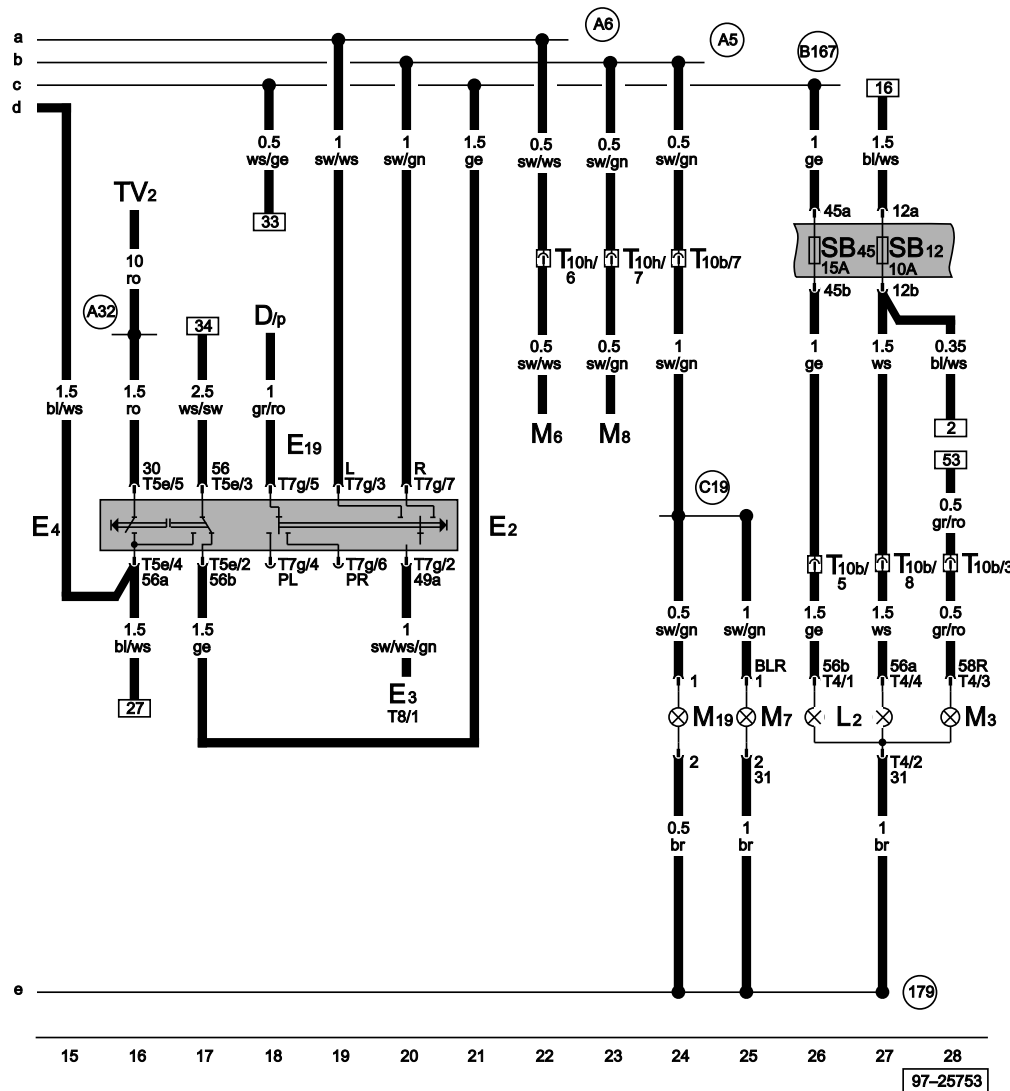
Control unit with display in dash panel insert, main beam warning lamp, twin filament bulb for headlight left

- J285 Control unit with display in dash panel insert
- K1 Main beam warning lamp
- K65 Left turn signal warning lamp
- K94 Right turn signal warning lamp
- L1 Twin filament bulb for headlight, left
- M1 Side light bulb, left
- M5 Turn signal bulb, front left
- M18 Side turn signal bulb, left
- SB13 Fuse -13- on fuse box
- SB44 Fuse -44- on fuse box
- T4a 4-pin connector, in headlight, left
- T10b 10-pin connector, white, in protective housing for connectors
- T32 32-pin connector, blue

- 12 Earth point, in engine compartment, left
- 179 Earth connection, in left headlight wiring harness
- A5 Positive (+) connection (right turn signal), in dash panel wiring harness
- A6 Positive (+) connection (left turn signal), in dash panel wiring harness
- B167 Connection (56b), in interior wiring harness
- C20 Connection (turn signal, left), in headlight wiring harness

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

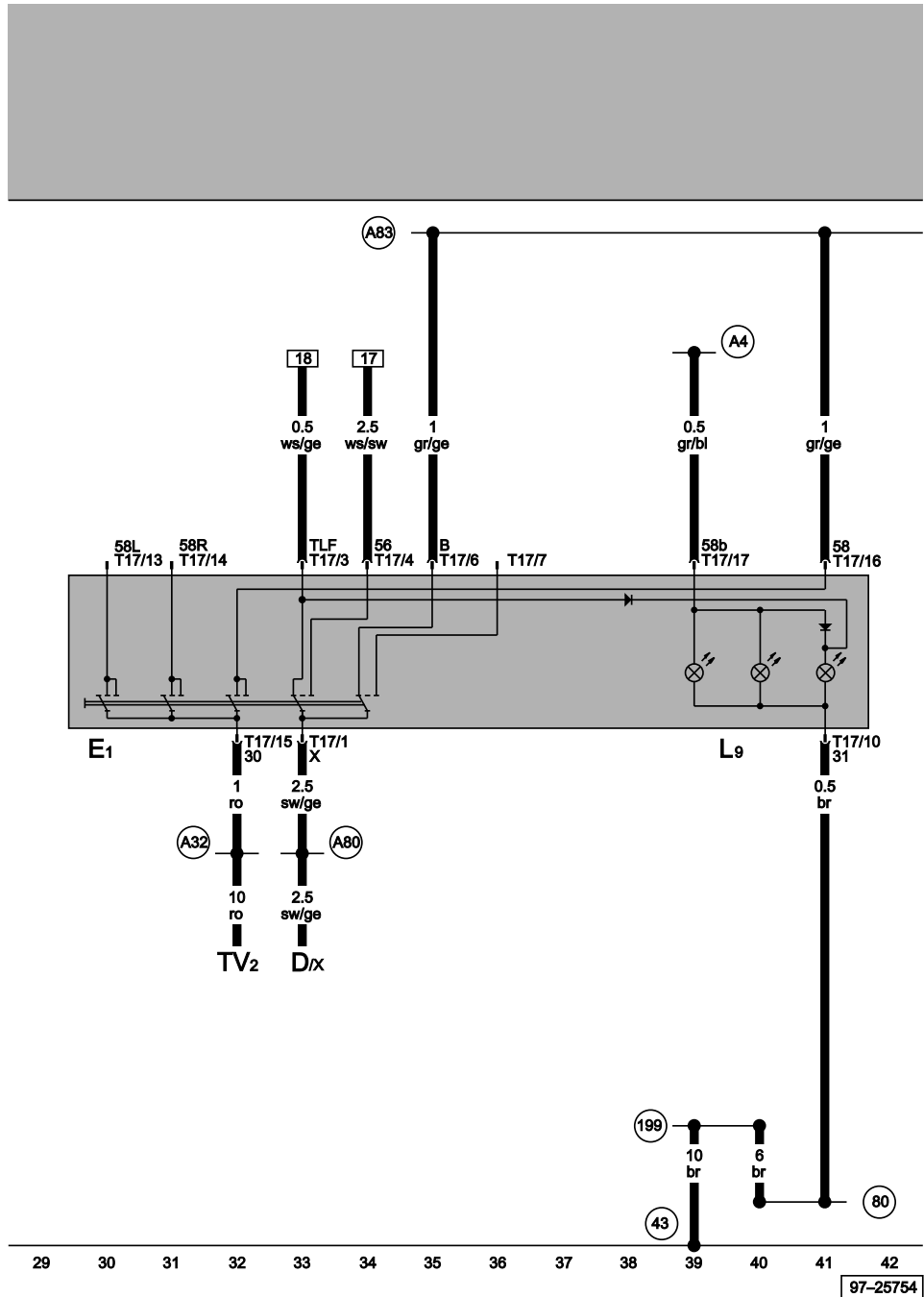




Turn signal switch, headlight dipper/flasher switch, twin filament bulb for headlight right

- D Ignition/starter switch
- E2 Turn signal switch
- E3 Hazard warning light switch
- E4 Headlight dipper/flasher switch
- E19 Parking light switch
- L2 Twin filament bulb for headlight, right
- M3 Side light bulb, right
- M6 Turn signal bulb, rear left
- M7 Turn signal bulb, front right
- M8 Turn signal bulb, rear right
- M19 Side turn signal bulb, right
- SB12 Fuse -12- on fuse box
- SB45 Fuse -45- on fuse box
- T4 4-pin connector, in headlight, right
- T5e 5-pin connector
- T7g 7-pin connector
- T8 8-pin connector
- T10b 10-pin connector, white, in protective housing for connectors
- T10h 10-pin connector, green, in protective housing for connectors
- TV2 Terminal 30 junction box
- 179 Earth connection, in left headlight wiring harness
- A5 Positive (+) connection (right turn signal), in dash panel wiring harness
- A6 Positive (+) connection (left turn signal), in dash panel wiring harness
- A32 Positive (+) connection (30), in dash panel wiring harness
- B167 Connection (56b), in interior wiring harness
- C19 Connection -1- (turn signal, right), in headlight wiring harness

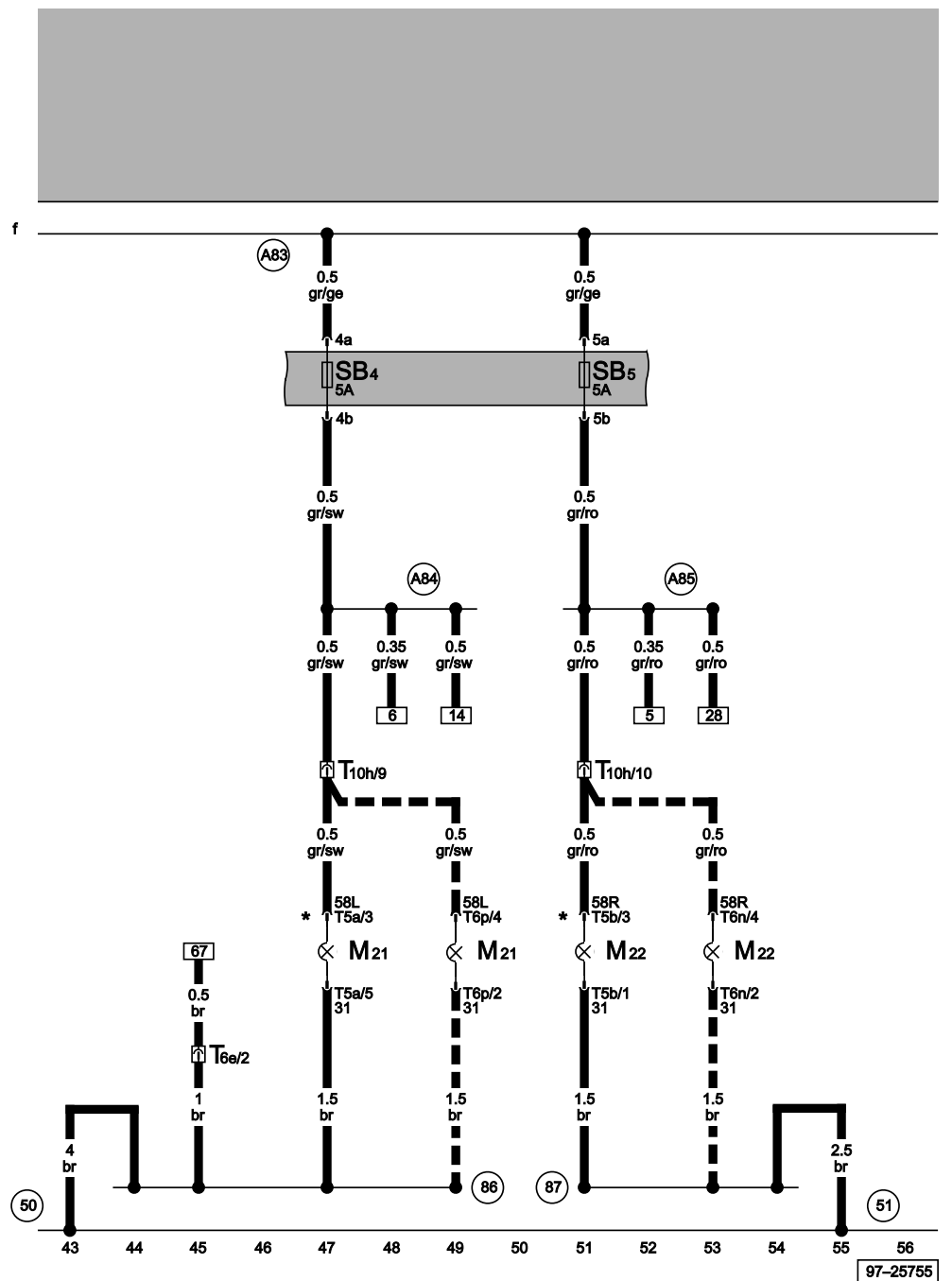
ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink



Lighting switch, rear fog lights, lighting switch light bulb

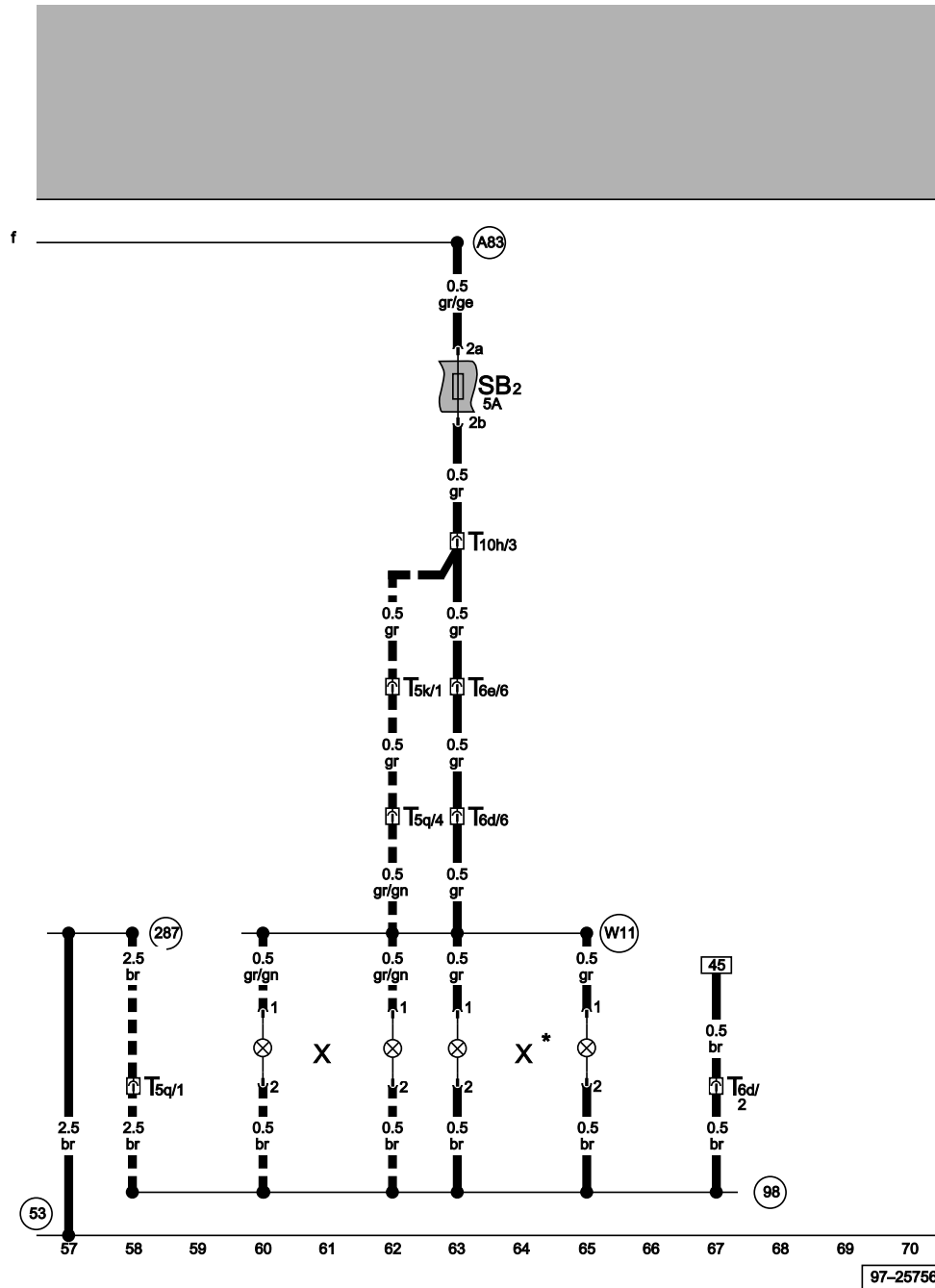
- D Ignition/starter switch
- E1 Lighting switch
- L9 Lighting switch light bulb
- TV2 Terminal 30 junction box
- T17 17-pin connector
- 43 Earth point, lower part of right A-pillar
- 80 Earth connection -1-, in instruments wiring harness
- 199 Earth connection -3-, in dash panel wiring harness
- A4 Positive (+) connection (58b), in dash panel wiring harness
- A32 Positive (+) connection (30), in dash panel wiring harness
- A80 Connection -1- (X), in dash panel wiring harness
- A83 Connection (daytime driving lights), in dash panel wiring harness

97-25754



ws = white

sw	=	black	uniform"/
ro	=	red	>
br	=	brown	
gn	=	green	
bl	=	blue	
gr	=	grey	
li	=	purple	
ge	=	yellow	
or	=	orange	
rs	=	pink	



Number plate light

- SB2 Fuse -2- on fuse box
- T5k 5-pin connector, black, in C pillar, right
- T5q 5-pin connector, black, in tailgate/bootlid, rear right
- T6d 6-pin connector, in tailgate/bootlid
- T6e 6-pin connector, on left C-pillar
- T10h 10-pin connector, green, in protective housing for connectors
- X Number plate light

- 53 Earth point, in tailgate/bootlid, left
- 98 Earth connection, in tailgate/bootlid wiring harness
- 287 Earth connection, in wiring harness for tailgate/bootlid
- A61 Positive (+) connection (X), in instruments wiring harness
- A83 Connection (daytime driving lights), in dash panel wiring harness
- W11 Connection (58), in tailgate/bootlid wiring harness

* Only models Polo Classic

<fo:exter Only models Polo Variant

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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

1.9 I turbo-diesel engine/ 81 kW, engine codes ASK, ASV

From May 2000

1.9 I/66 kW turbo-diesel engine, engine codes AGR, ALH

From May 2000

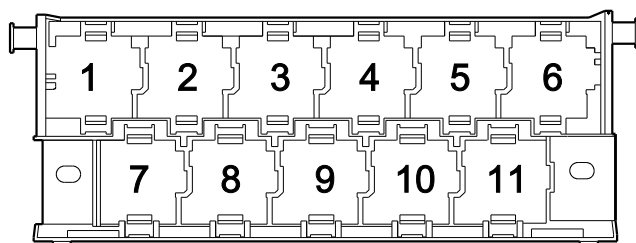
1.9 I turbo-diesel engine/ 81 kW, engine codes ASV, From May 2000

1.9 I/66 kW turbo-diesel engine, engine codes ALH, From May 2000

For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.

Relay for coolant heater elements

Relay locations on relay plate:



97-22850

2 - Glow plug relay (103)

7 - Terminal 30 voltage supply relay

11 - Fuel shut- off control unit



Note:

♦ *The number in brackets behind the part designation denotes the control number on the housing.*

Fuse colours

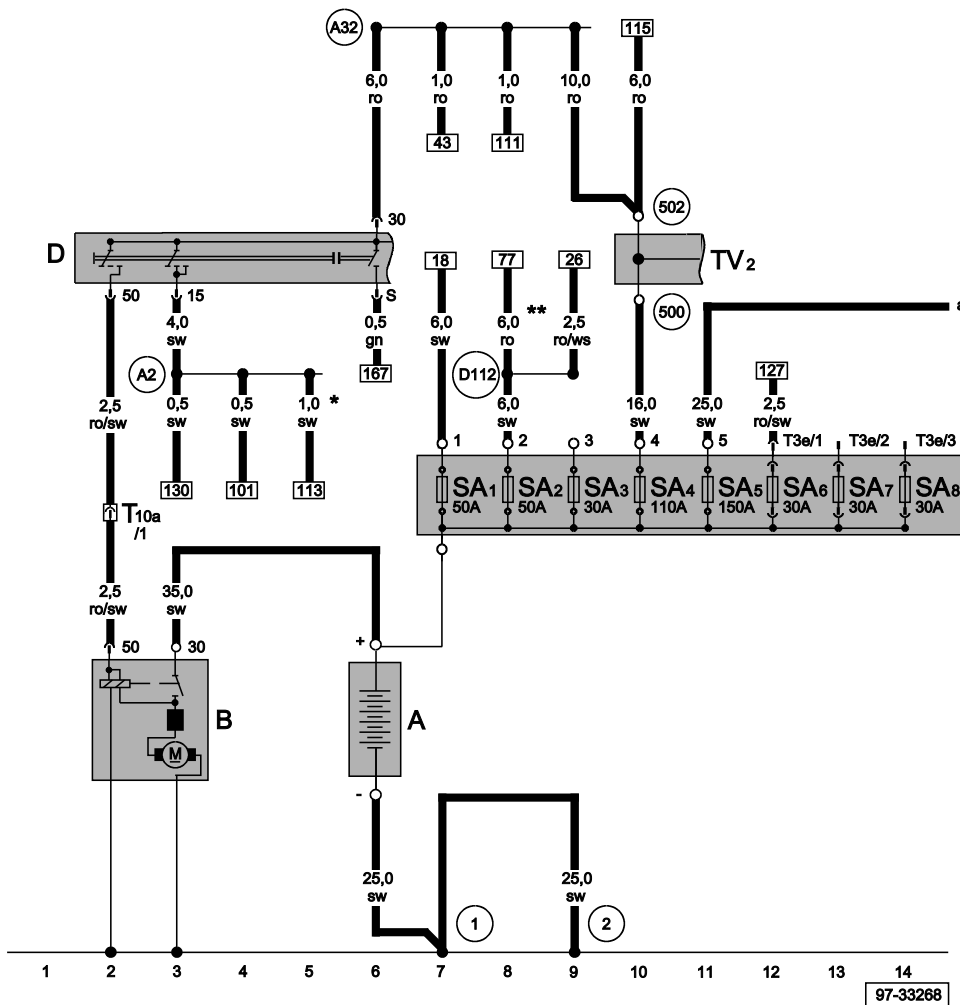
30 A - green

25 A - white

20 A - yellow

15 A - blue

10 A - red
7.5 A - brown
5 A - beige
3 A - purple



Starter, battery, ignition/starter switch, fuse box / battery

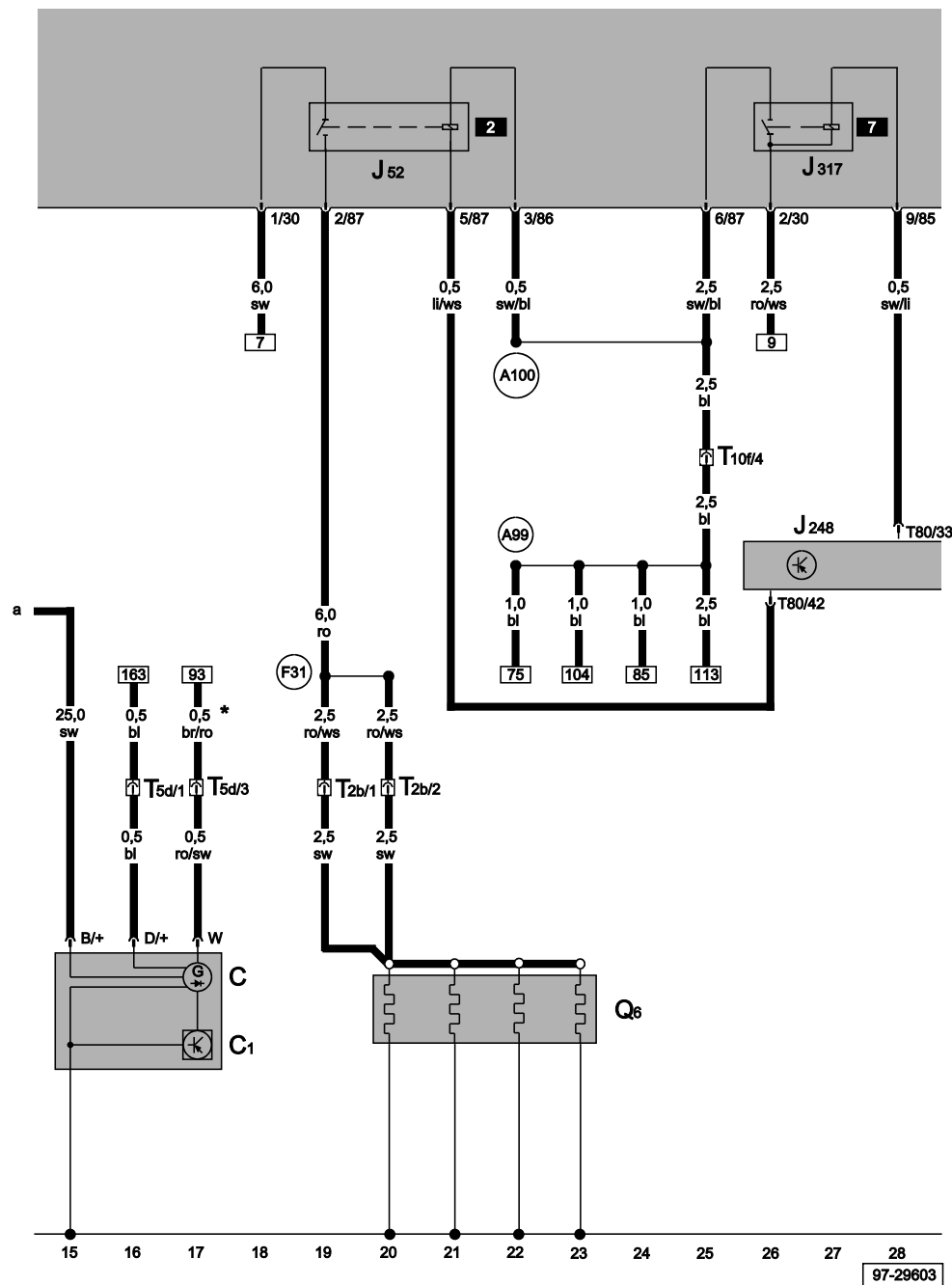
- A Battery
- B Starter
- D Ignition/starter switch
- SA1 Fuse -1- on battery fuse box
- SA2 Fuse -2- on battery fuse box
- SA3 Fuse -3- on battery fuse box
- SA4 Fuse -4- on battery fuse box
- SA5 Fuse -5- on battery fuse box
- SA6 Fuse -6- on battery fuse box
- SA7 Fuse -7- on battery fuse box
- SA8 Fuse -8- on battery fuse box
- T3e 3-pin connector, on battery fuse box
- T10a 10-pin connector, black, coupling station under relay carrier, left
- TV2 Terminal 30 wiring junction

- 1 Earth strap, battery - body
- 2 Earth strap, gearbox - body
- 500 Screw connection -1- (30), on relay plate
- 502 Screw connection -1- (30a), on relay plate
- A2 Positive (+) connection (15), in dash panel wiring harness
- A32 Positive (+) connection (30), in dash panel wiring harness
- D112 Connection -10-, in engine compartment wiring harness
- * Only models with airbags
- ** Only models with heater for radiator

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

Diesel direct injection system control unit, alternator, voltage regulator, glow plugs (engine), relay for glow plugs, voltage supply relay

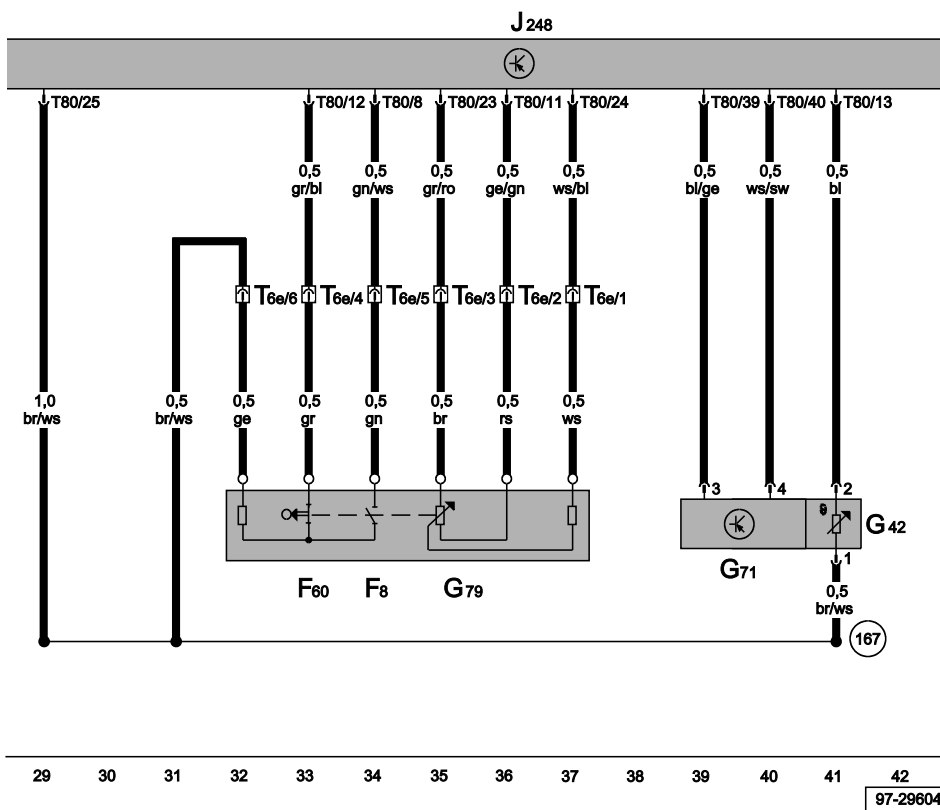
- C Alternator
- C1 Voltage regulator
- J52 Glow plug relay
- J248 Diesel direct injection system control unit
- J317 Terminal 30 voltage supply relay
- Q6 Glow plugs (engine)
- T2b 2-pin connector, in engine compartment
- T5d 5-pin connector, in engine compartment, near gearbox
- T10f 10-pin connector, purple, coupling station under relay carrier, left
- T80 80-pin connector
- A99 Connection -1- (87), in dash panel wiring harness
- A100 Connection -2- (87), in dash panel wiring harness
- F31 Connection (glow plugs - engine) in diesel direct injection system wiring harness
- * Only models with heater for radiator



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

Diesel direct injection system control unit, accelerator pedal position sender, intake manifold pressure sender, intake air temperature sender, kick-down switch, idling switch

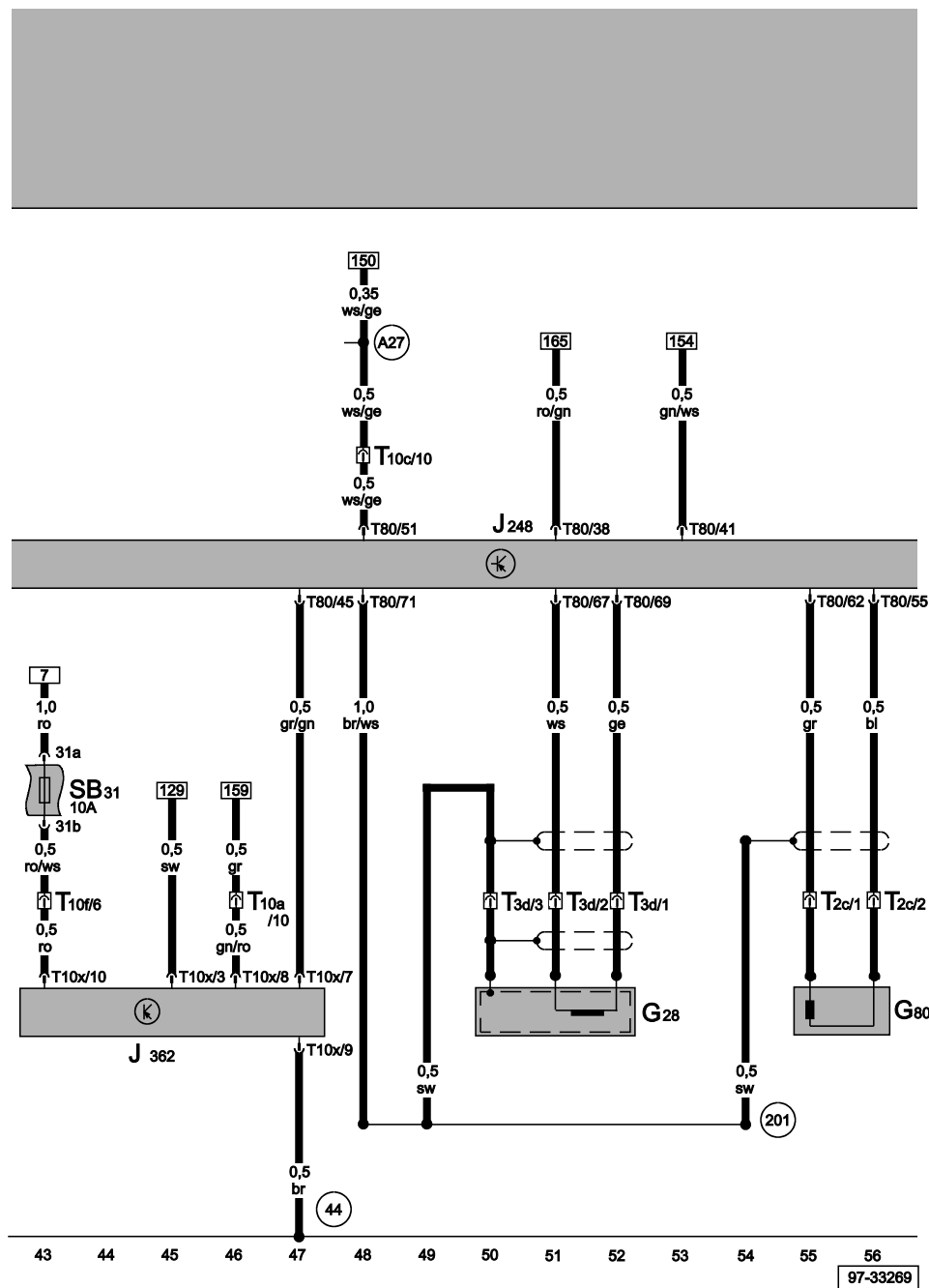
- F8 Kick-down switch
- F60 Idling switch
- G42 Intake air temperature sender
- G71 Intake manifold pressure sender
- G79 Accelerator pedal position sender
- J248 Diesel direct injection system control unit
- T6e 6-pin connector, near accelerator pedal position sender
- T80 80-pin connector
- 167 Earth connection -4-, in engine compartment wiring harness



Diesel direct injection system control unit, engine speed sender, needle lift sender, immobilizer control unit

- G28 Engine speed sender
- G80 Needle lift sender
- J248 Diesel direct injection system control unit
- J362 Immobilizer control unit
- SB31 Fuse -31- on fuse box
- T2c 2-pin connector, near needle lift sender
- T3d 3-pin connector, near engine speed sender
- T10a 10-pin connector, black, coupling station under relay carrier, left
- T10c 10-pin connector, brown, coupling station under relay carrier, left
- T10f 10-pin connector, purple, coupling station under relay carrier, left
- T10x 10-pin connector, on immobilizer control unit
- T80 80-pin connector

- 44 Earth point, lower part of left A-pillar
- 201 Earth connection -5-, in engine compartment wiring harness
- A27 Connection (speed signal), in dash panel wiring harness

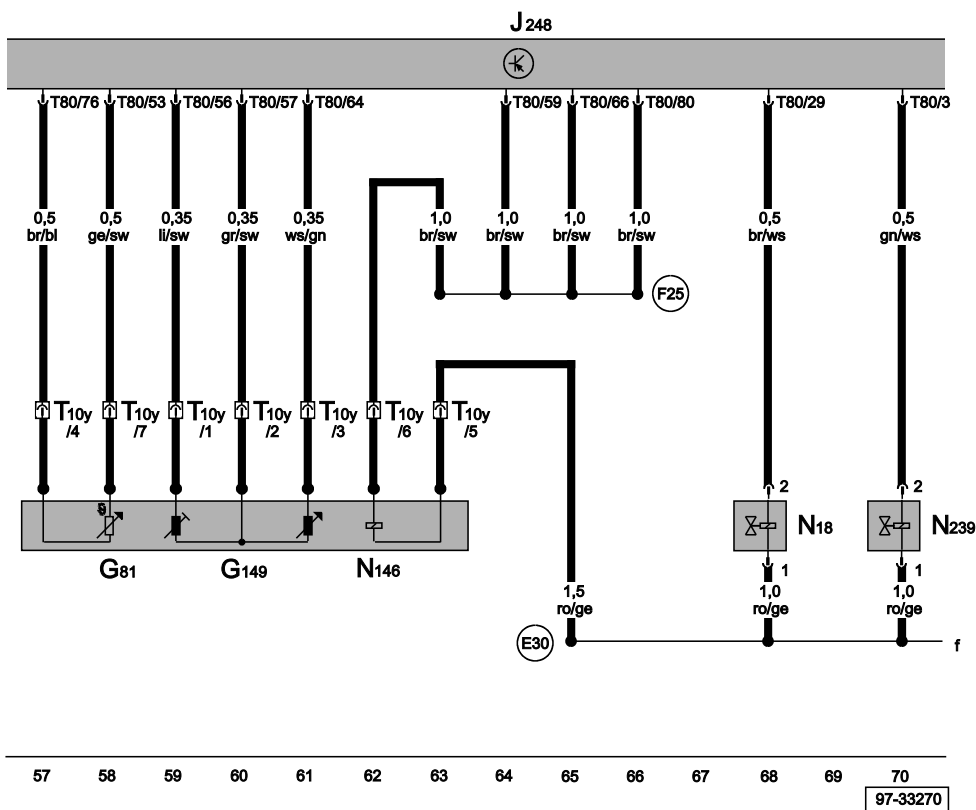


Diesel direct injection system control unit, metering adjuster, exhaust gas recirculation valve, intake manifold flap change-over valve, fuel temperature sender, modulating piston movement sender

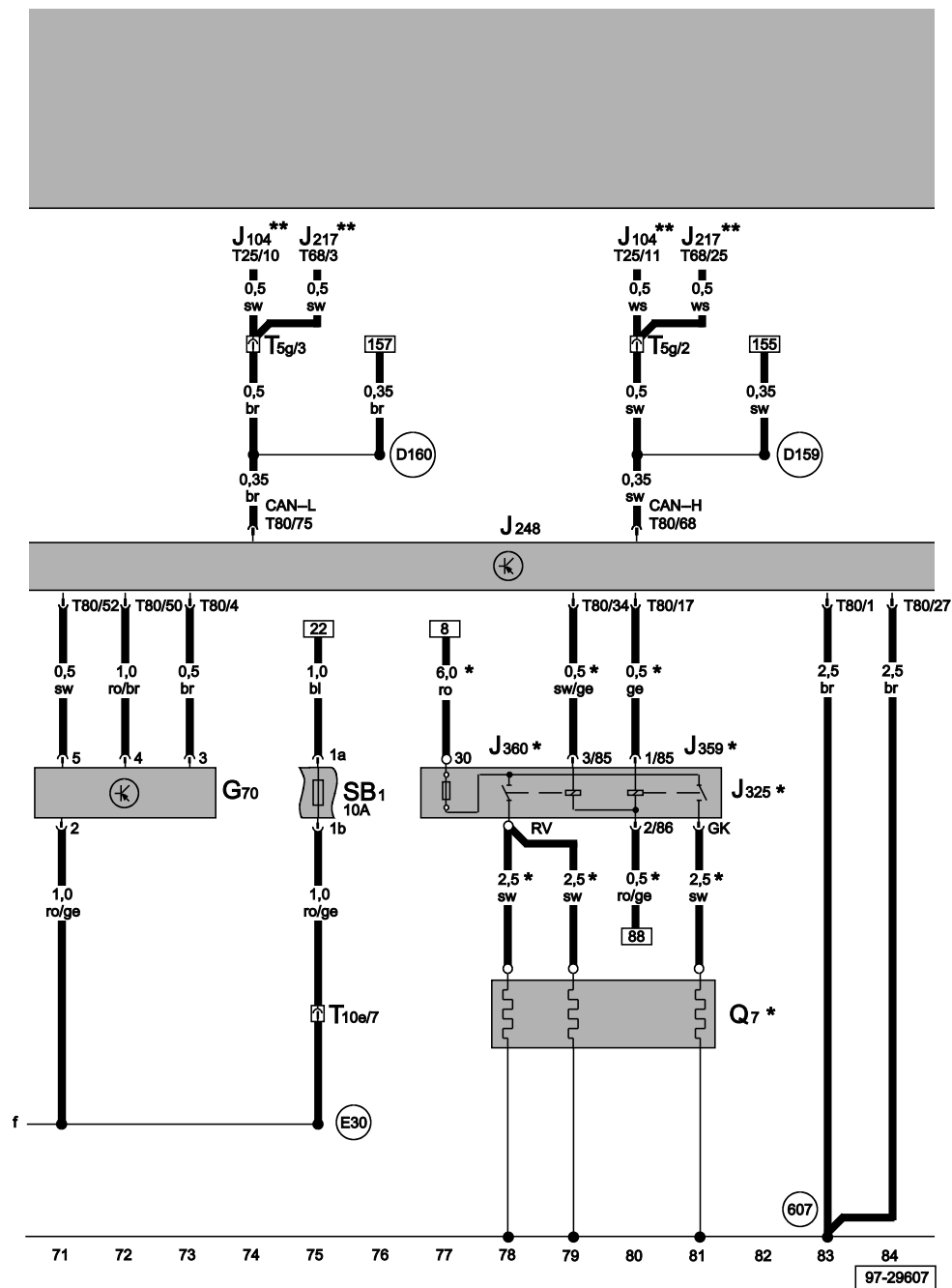
- G81 Fuel temperature sender
- G149 Modulating piston movement sender
- J248 Diesel direct injection system control unit
- N18 Exhaust gas recirculation valve
- N146 Metering adjuster
- N239 Intake manifold flap change-over valve
- T10y 10-pin connector, blue, on part of left A-pillar
- T80 80-pin connector

E30 Connection (87a), in engine wiring harness

F25 Connection -1-, in diesel direct injection system wiring harness



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



Diesel direct injection system control unit, air mass metercoolant, heater element relay, coolant heating elements

- G70 Air mass meter
- J104 ABS with EDL control unit
- J217 Automatic gearbox control unit
- J248 Diesel direct injection system control unit
- J325 Relay for coolant heater elements, in engine
- J359 Low heat output relay
- J360 High heat output relay
- Q7 Coolant heating elements
- SB1 Fuse -1- on fuse box
- T5g 5-pin connector, pink, coupling station under relay carrier, left
- T10e 10-pin connector, green, coupling station under relay carrier, left
- T25 25-pin connector
- T68 68-pin connector
- T80 80-pin connector
- 607 Earth point, on left in plenum chamber
- E30 Connection (87a), in engine wiring harness
- D159 Positive (+) connection (high bus), in interior wiring harness
- D160 Positive (+) connection (low bus), in engine compartment wiring harness
- * Only models with heater for radiator
- ** Depends on equipment

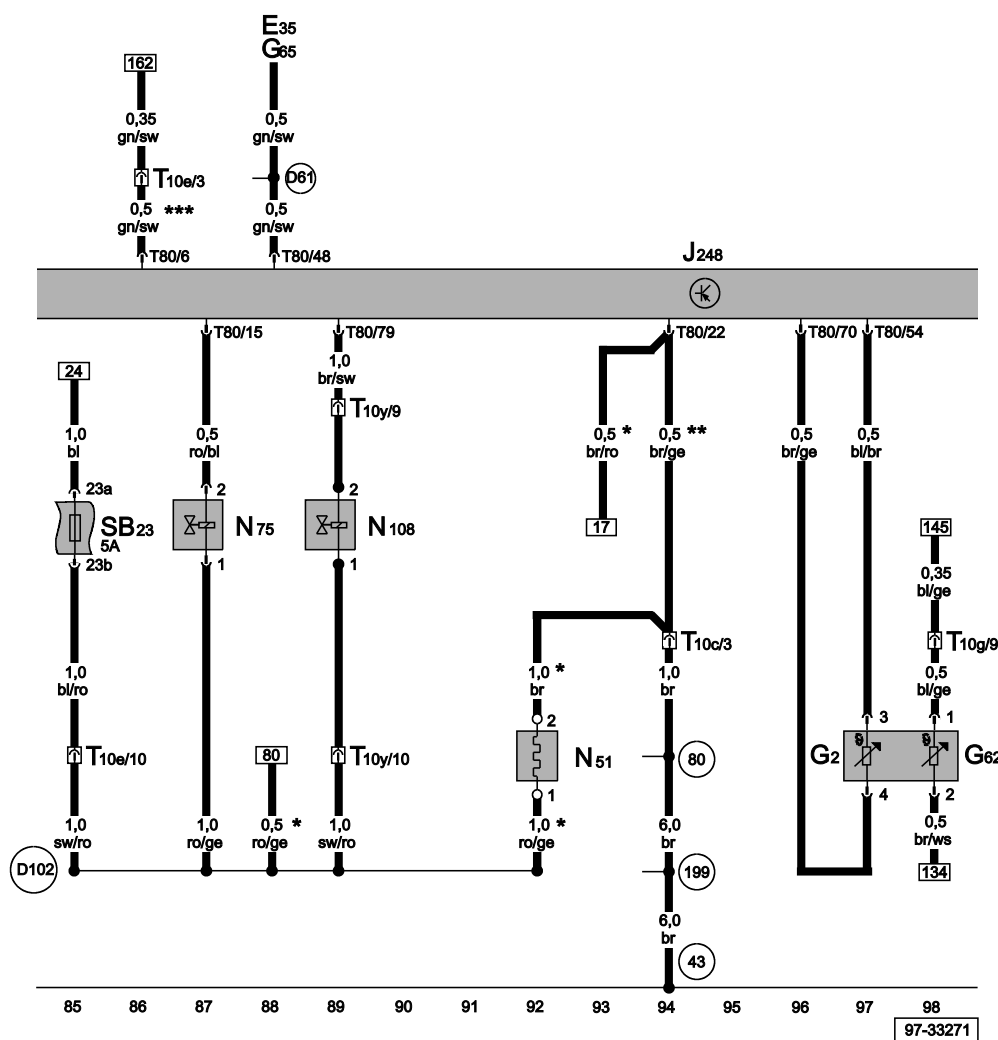
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sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Diesel direct injection system control unit, coolant temperature sender, intake manifold preheating heater element, charge pressure control solenoid valve, commencement of injection valve

- E35 Air conditioner switch
- G2 Coolant temperature sender
- G62 Coolant temperature sender
- G65 High pressure sender
- J248 Diesel direct injection system control unit
- N51 Intake manifold preheating heater element
- N75 Charge pressure control solenoid valve
- N108 Commencement of injection valve
- SB23 Fuse -23- on fuse box
- T10c 10-pin connector, brown, coupling station under relay carrier, left
- T10e 10-pin connector, green, coupling station under relay carrier, left
- T10g 10-pin connector, red, coupling station under relay carrier, left
- T10y 10-pin connector, blue, on part of left A-pillar
- T80 80-pin connector

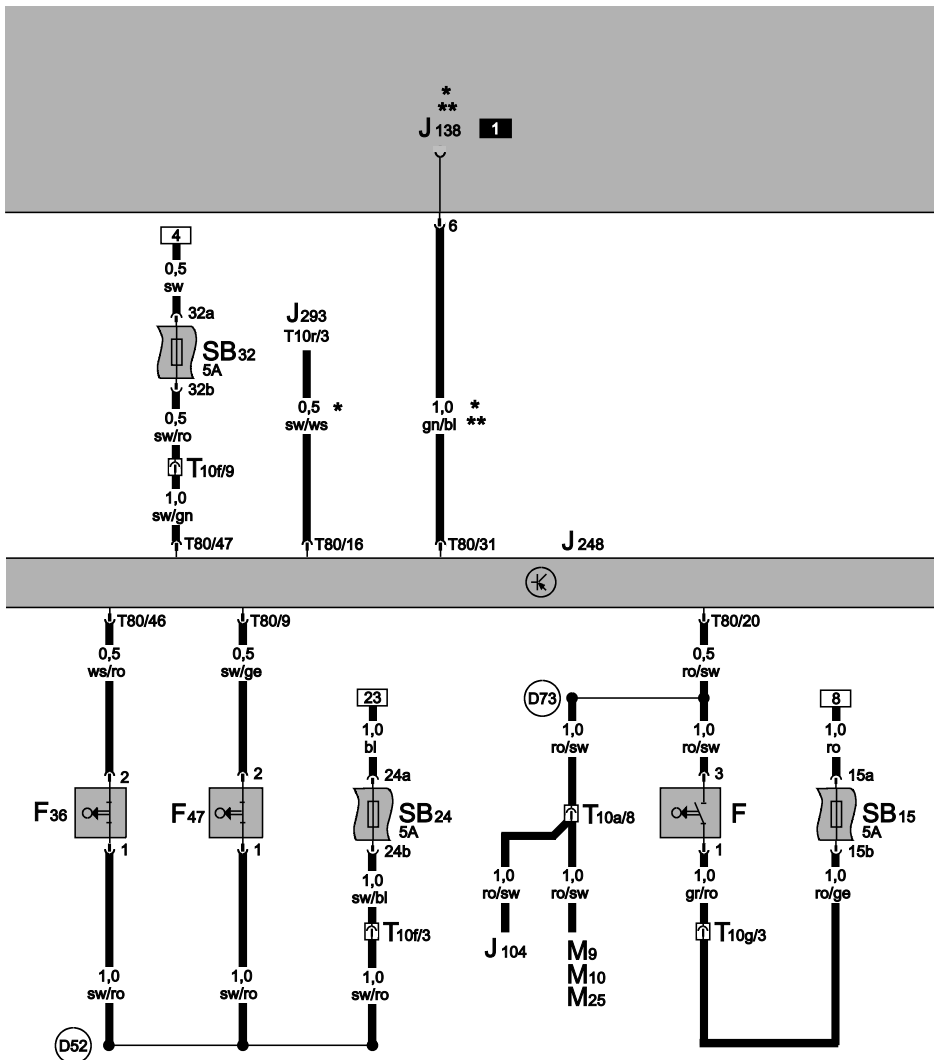
- 43 Earth point, lower part of right A-pillar
- 80 Earth connection -1-, in instruments wiring harness
- 199 Earth connection -3-, in dash panel wiring harness
- D61 Connection (air conditioner), in engine compartment wiring harness
- D102 Connection -2-, in engine compartment wiring harness
- * Only models with heater for radiator
- ** Only models without heater for radiator
- *** Engine speed signal from engine control unit

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

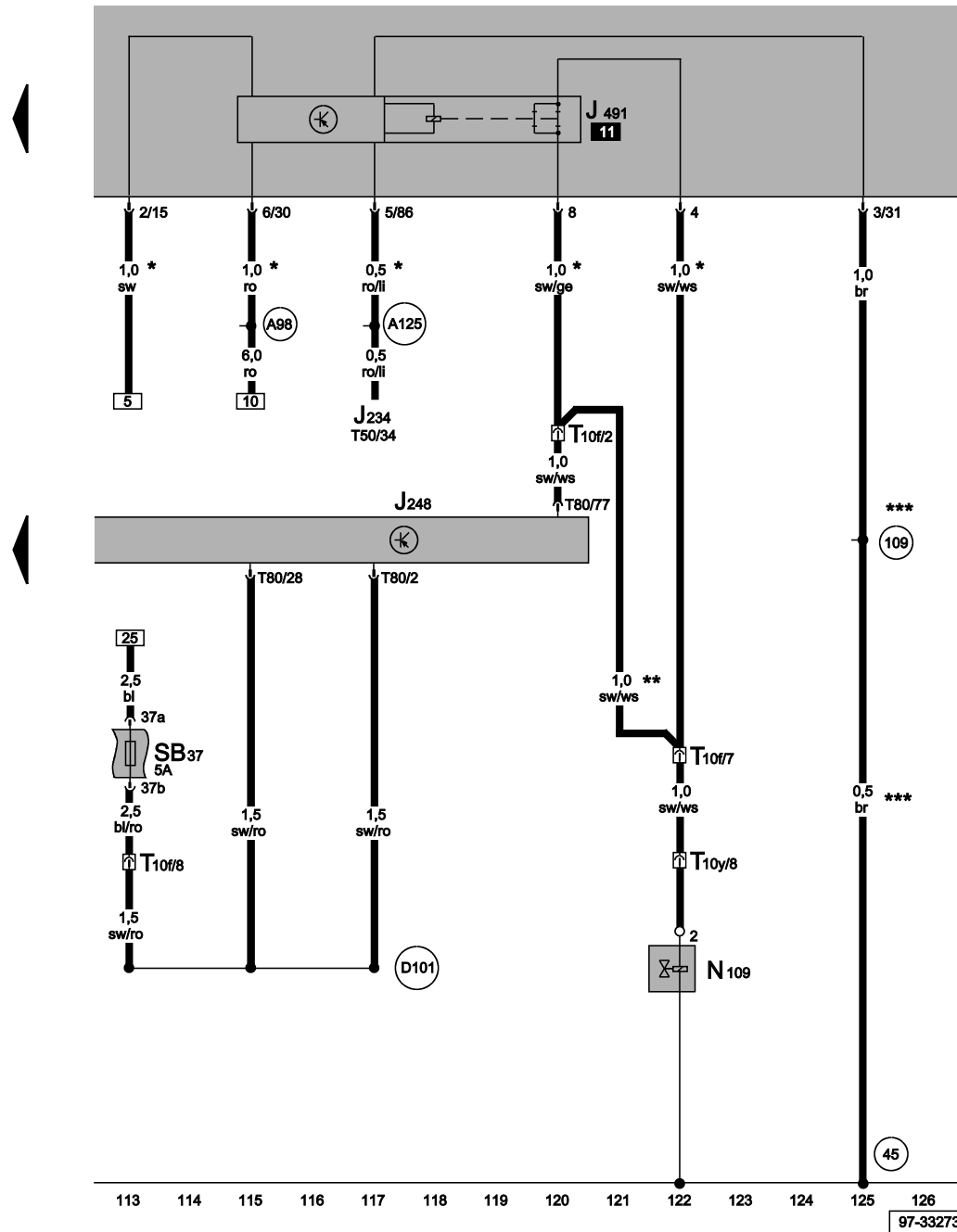


Diesel direct injection system control unit, brake light switch, clutch pedal switch, cruise control system brake pedal switch/diesel direct inj. system

- F Brake light switch
- F36 Clutch pedal switch
- F47 Cruise control system brake pedal switch (diesel direct injection system)
- J104 ABS with EDL control unit
- J138 Radiator fan run-on control unit
- J248 Diesel direct injection system control unit
- J293 Radiator fan control unit
- M9 Brake light bulb, left
- M10 Brake light bulb, right
- M25 High level brake light bulb
- SB15 Fuse -15- on fuse box
- SB24 Fuse -24- on fuse box
- SB32 Fuse -32- on fuse box
- T10a 10-pin connector, black, coupling station under relay carrier, left
- T10f 10-pin connector, purple, coupling station under relay carrier, left
- T10g 10-pin connector, red, coupling station under relay carrier, left
- T80 80-pin connector
- (D52) Positive (+) connection (15a), in engine compartment wiring harness
- (D73) Positive (+) connection (54), in engine compartment wiring harness
- * Only models with air conditioner
- ** Only for engine codes ASK, ASV



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



Diesel direct injection system control unit, fuel shut-off control unit (Crash), fuel shut-off valve

- J234 Airbag control unit
- J248 Diesel direct injection system control unit
- J491 Fuel shut-off control unit (crash)
- N109 Fuel shut-off valve
- SB23 Fuse -23- on fuse box
- T10f 10-pin connector, purple, coupling station under relay carrier, left
- T10y 10-pin connector, blue, on part of left A-pillar
- T50 50-pin connector
- T80 80-pin connector

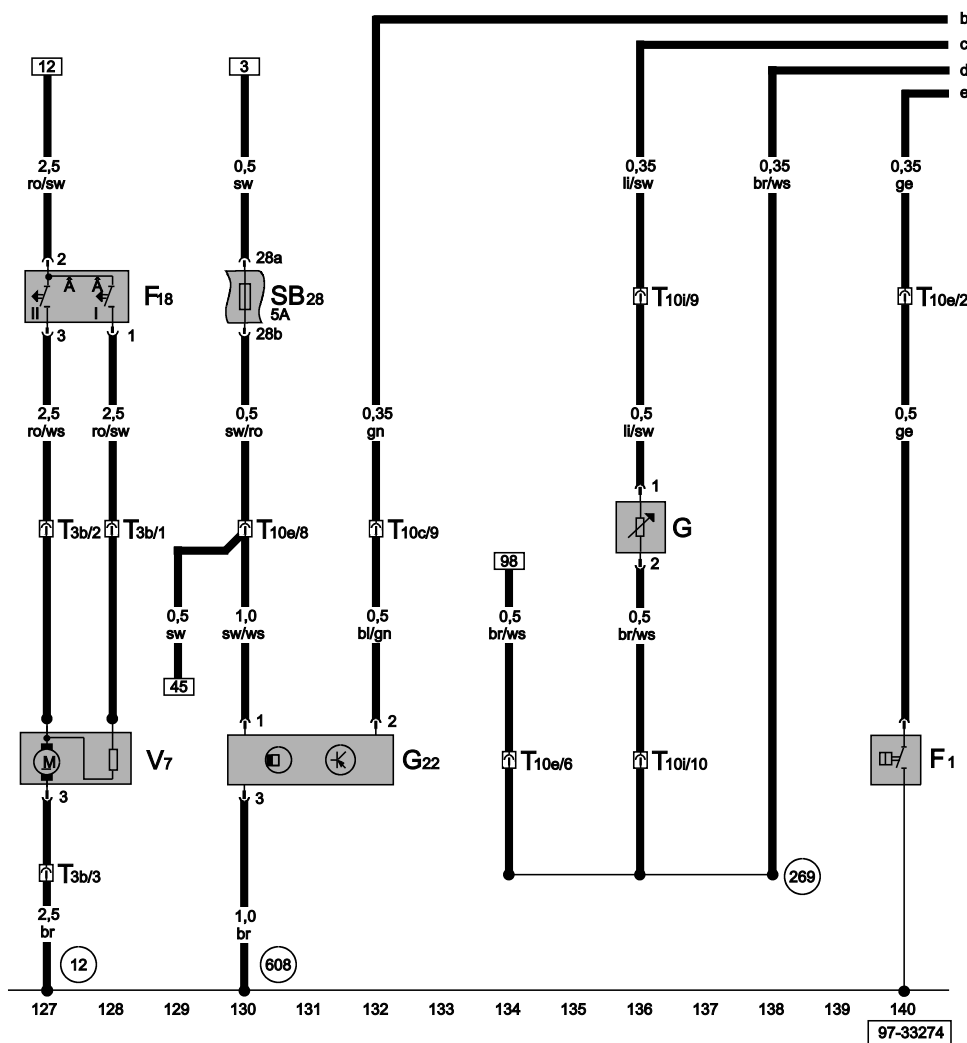
- 45 Earth point, behind dash panel - centre
- 109 Earth connection, in airbag wiring harness
- A98 Positive (+) connection -4- (30), in dash panel wiring harness
- A125 Connection (crash signal), in dash panel wiring harness
- D101 Connection -1-, in engine compartment wiring harness

- * Only models with airbags
- ** Only models without airbags
- *** Does not models with driver airbag

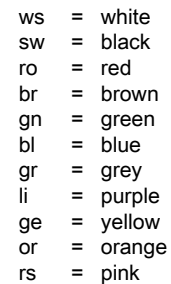
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

Oil pressure switch, fuel gauge sender, speedometer sender, radiator fan, radiator fan thermo-switch

- G Fuel gauge sender
- G22 Speedometer sender (Hall sender, on gearbox)
- F1 Oil pressure switch
- F18 Radiator fan thermo-switch
- SB28 Fuse -28- on fuse box
- T3b 3-pin connector, on radiator fan
- T10c 10-pin connector, brown, coupling station under relay carrier, left
- T10e 10-pin connector, green, coupling station under relay carrier, left
- T10i 10-pin connector, orange, coupling station under relay carrier, left
- V7 Radiator fan
- 12 Earth point, left in engine compartment
- 269 Earth connection (sender earth) -1-, in dash panel wiring harness
- 608 Earth point, in centre of plenum chamber



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

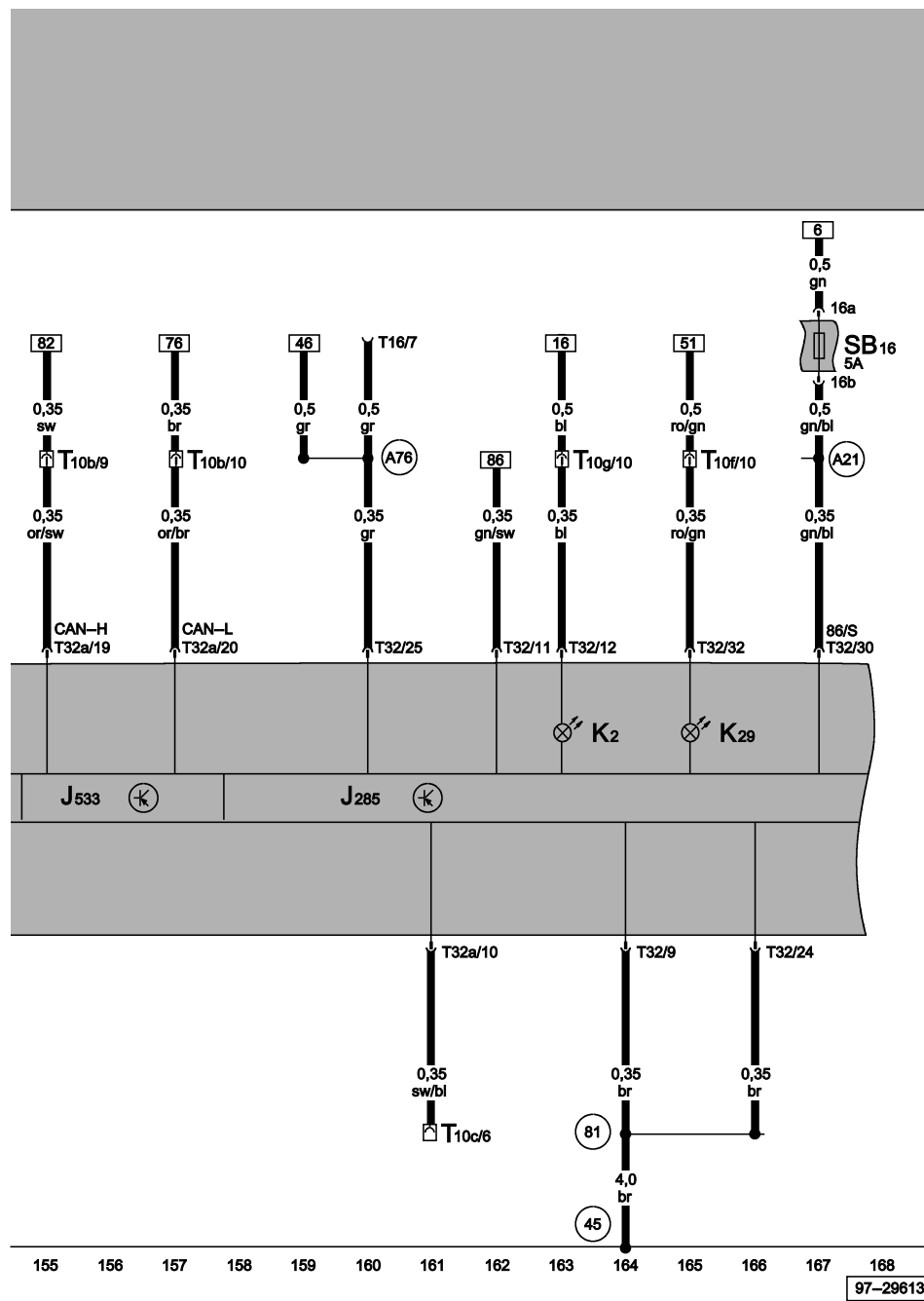


G1	Fuel gauge
G3	Coolant temperature gauge
G5	Rev. counter
G21	Speedometer
G32	Coolant shortage indicator sender
H11	Oil pressure warning buzzer
J285	Control unit with display in dash panel insert
K3	Oil pressure warning lamp
K28	Coolant temperature/coolant shortage warning lamp
K105	Reserve fuel warning lamp
T10e	10-pin connector, green, coupling station under relay carrier, left
T10f	10-pin connector, purple, coupling station under relay carrier, left
T32	32-pin connector, blue, on dash panel insert
Y4	Odometer display
179	Earth connection, in left headlight wiring harness
608	Earth point, in centre of plenum chamber
*	Output for signal earth

Control unit with display in dash panel insert, diagnostic connector, alternator warning lamp, glow period warning lamp

- J285 Control unit with display in dash panel insert
- J533 Data bus diagnostic interface
- K2 Alternator warning lamp
- K29 Glow period warning lamp
- SB16 Fuse -16- on fuse box
- T10b 10-pin connector, white, coupling station under relay carrier, left
- T10f 10-pin connector, brown, coupling station under relay carrier, left
- T10g 10-pin connector, red, coupling station under relay carrier, left
- T16 16-pin connector, diagnostic connector
- T32 32-pin connector, blue, on dash panel insert
- T32a 32-pin connector, green, on dash panel insert

- 45 Earth point, behind dash panel - centre
- 81 Earth connection -1-, in dash panel wiring harness
- A21 Connection (86s), in dash panel wiring harness
- A76 Connection (diagnosis wire K), in dash panel wiring harness

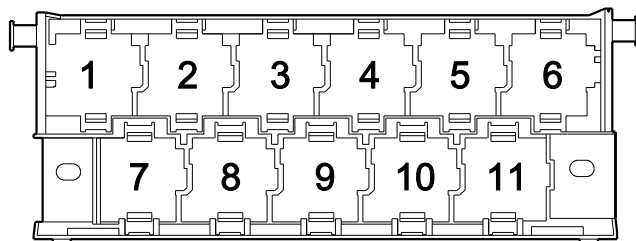


1.6 I Simos/74 kW, engine codes AUR

From May 2000

For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.

Relay locations on relay plate:



97-22850

2 - Fuel pump relay (167)

5 - Secondary air pump relay (100)

7 - Current supply relay for Simos control unit (30)

11 - Fuel shut- off control unit (405)



Note:

♦ *The number in brackets behind the part designation denotes the control number on the housing.*

Fuse colours

30 A - green

25 A - white

20 A - yellow

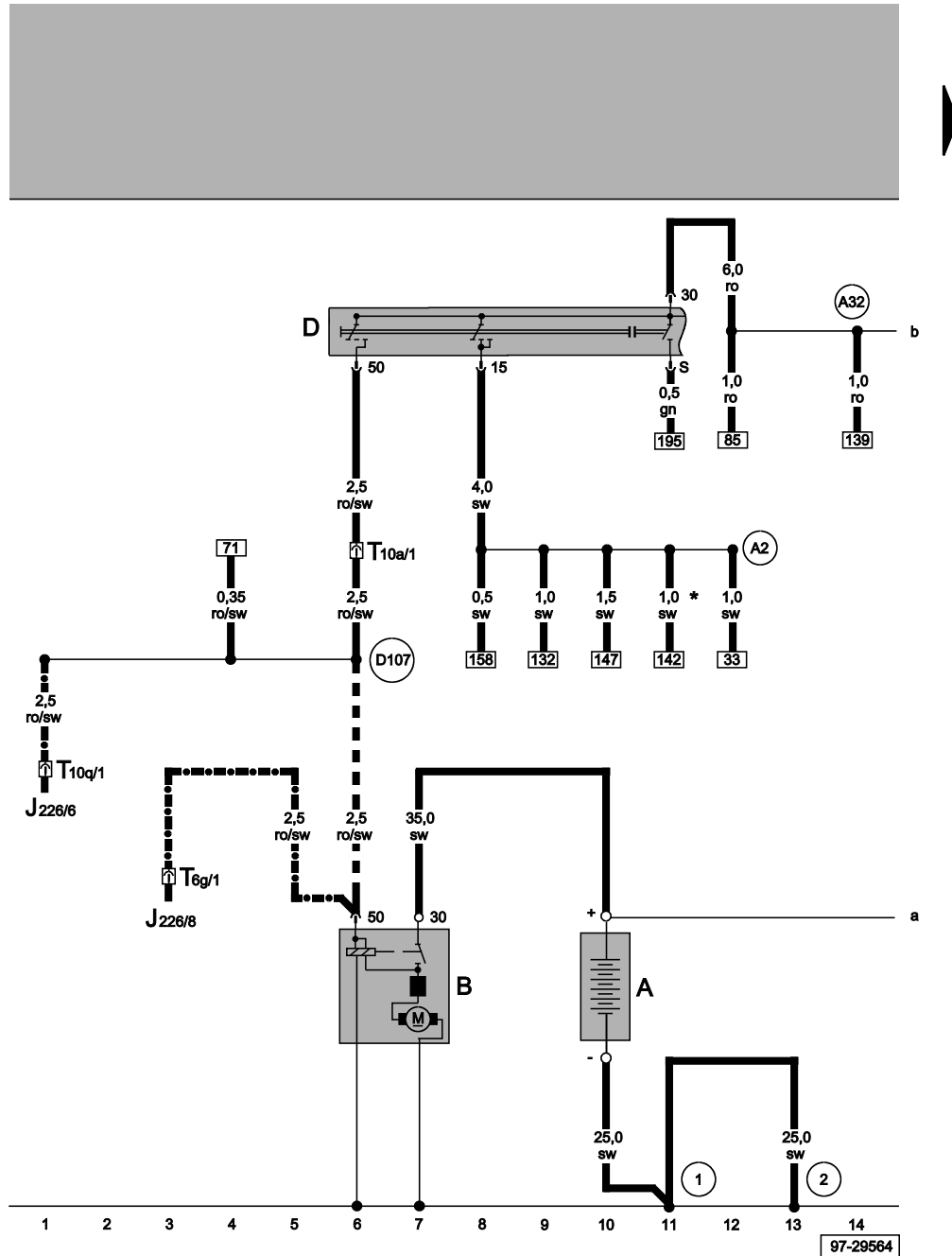
15 A - blue

10 A - red

7.5 A - brown

5 A - beige

3 A - purple



Starter, battery, ignition/starter switch

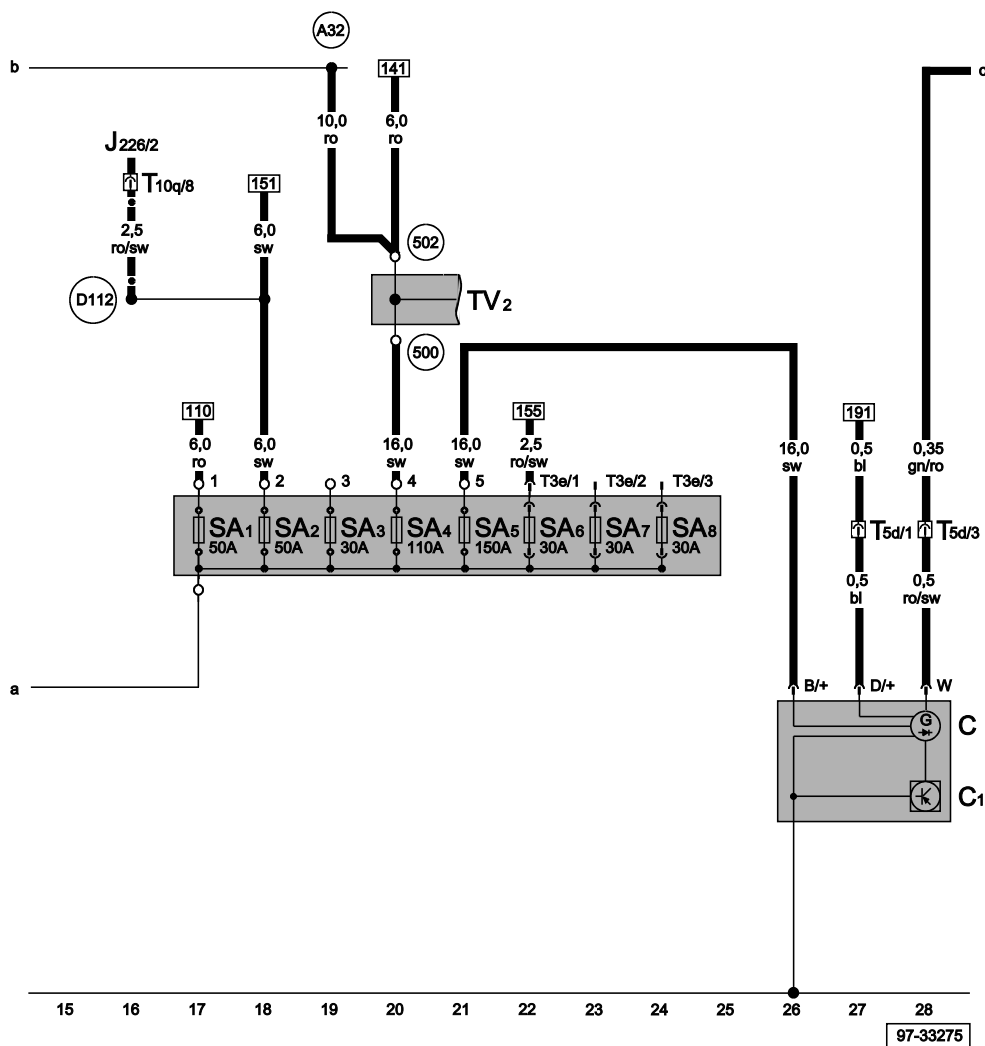
- A Battery
- B Starter
- D Ignition/starter switch
- J226 Starter inhibitor and reversing light relay
- T6g 6-pin connector, coupling station under relay carrier, left
- T10a 10-pin connector, black, coupling station under relay carrier, left
- T10q 10-pin connector, coupling station under relay carrier, left

- 1 Earth strap, battery - body
- 2 Earth strap, gearbox - body
- A2 Positive (+) connection (15), in dash panel wiring harness
- A32 Positive (+) connection (30), in dash panel wiring harness
- D107 Connection -5-, in engine compartment wiring harness

* Only models with airbags
 <fo:ext Only models with manual gearbox
 nal-
 graphic
 src=""/..
 PDOC/
 samba/
 tools/
 png-
 convert/
 out//slp/
 ft_icons/
 m_m_m.
 png"
 content-
 width="2
 0pt"
 scaling=""
 uniform"/
 >
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 graphic
 src=""/..
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 samba/
 tools/
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ws = white

sw	=	black	ft_icons/
ro	=	red	m_k_m.p
br	=	brown	ng"
gn	=	green	content-
bl	=	blue	width="2
gr	=	grey	0pt"
li	=	purple	scaling="
ge	=	yellow	uniform"/
or	=	orange	>
rs	=	pink	



Alternator, ignition/starter switch, fuse box/battery

- C Alternator
- C1 Voltage regulator
- J226 Starter inhibitor and reversing light relay
- SA1 Fuse -1- on battery fuse box
- SA2 Fuse -2- on battery fuse box
- SA3 Fuse -3- on battery fuse box
- SA4 Fuse -4- on battery fuse box
- SA5 Fuse -5- on battery fuse box
- SA6 Fuse -6- on battery fuse box
- SA7 Fuse -7- on battery fuse box
- SA8 Fuse -8- on battery fuse box
- T3e 3-pin connector, on battery fuse box
- T5d 5-pin connector, in engine compartment, near gearbox
- T10q 10-pin connector, coupling station under relay carrier, left
- TV2 Terminal 30 wiring junction

- 500 Screw connection -1- (30), on relay plate
- 502 Screw connection -1- (30a), on relay plate
- A32 Positive (+) connection (30), in dash panel wiring harness
- D112 Connection -10-, in engine compartment wiring harness

<fo:ext Only models with automatic gearbox

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PDOC/
samba/
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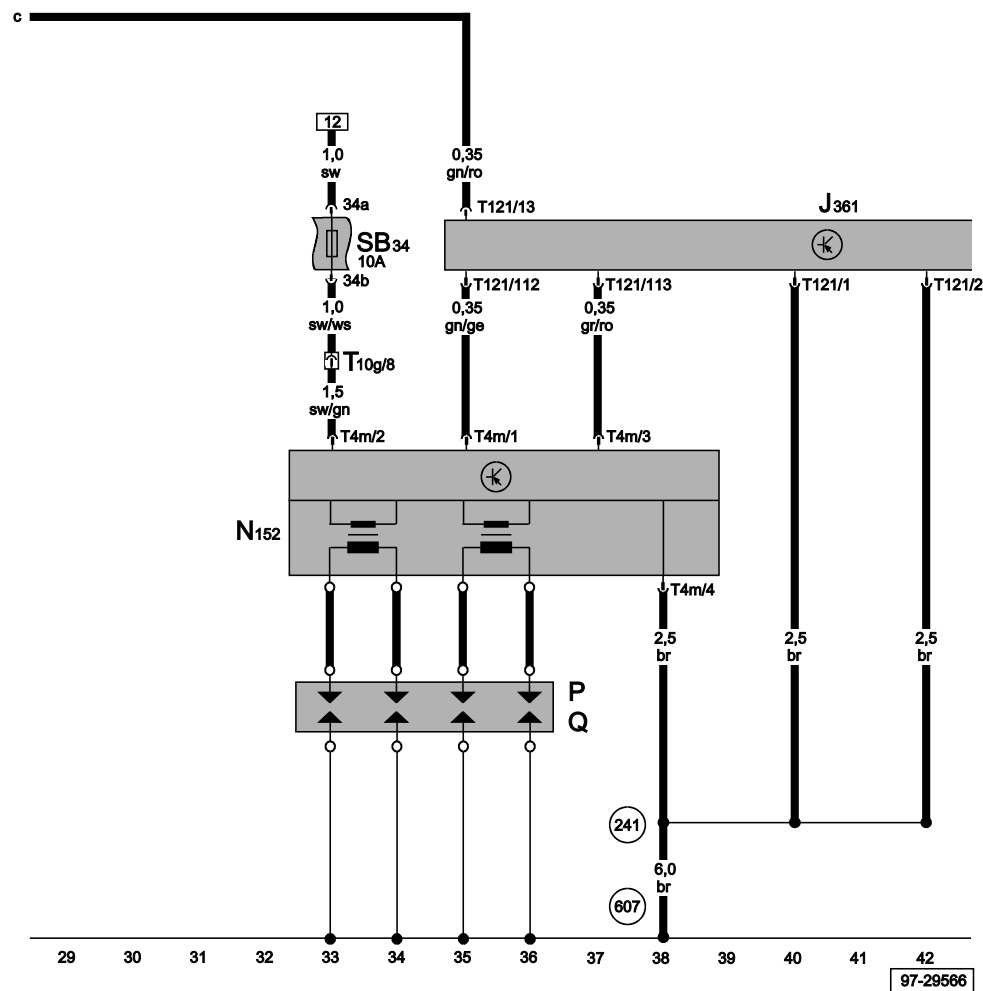
- ws = white
- sw = black
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- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

Simos control unit, ignition transformer

- J361 Simos control unit
- N152 Ignition transformer
- P Spark plug connector
- Q Spark plugs
- SB34 Fuse -34- on fuse box
- T4m 4-pin connector, yellow, on ignition transformer
- T10g 10-pin connector, red, coupling station under relay carrier, left
- T121 121-pin connector

241 Earth connection -2-, engine earth, in engine wiring harness

607 Earth point, on left in plenum chamber



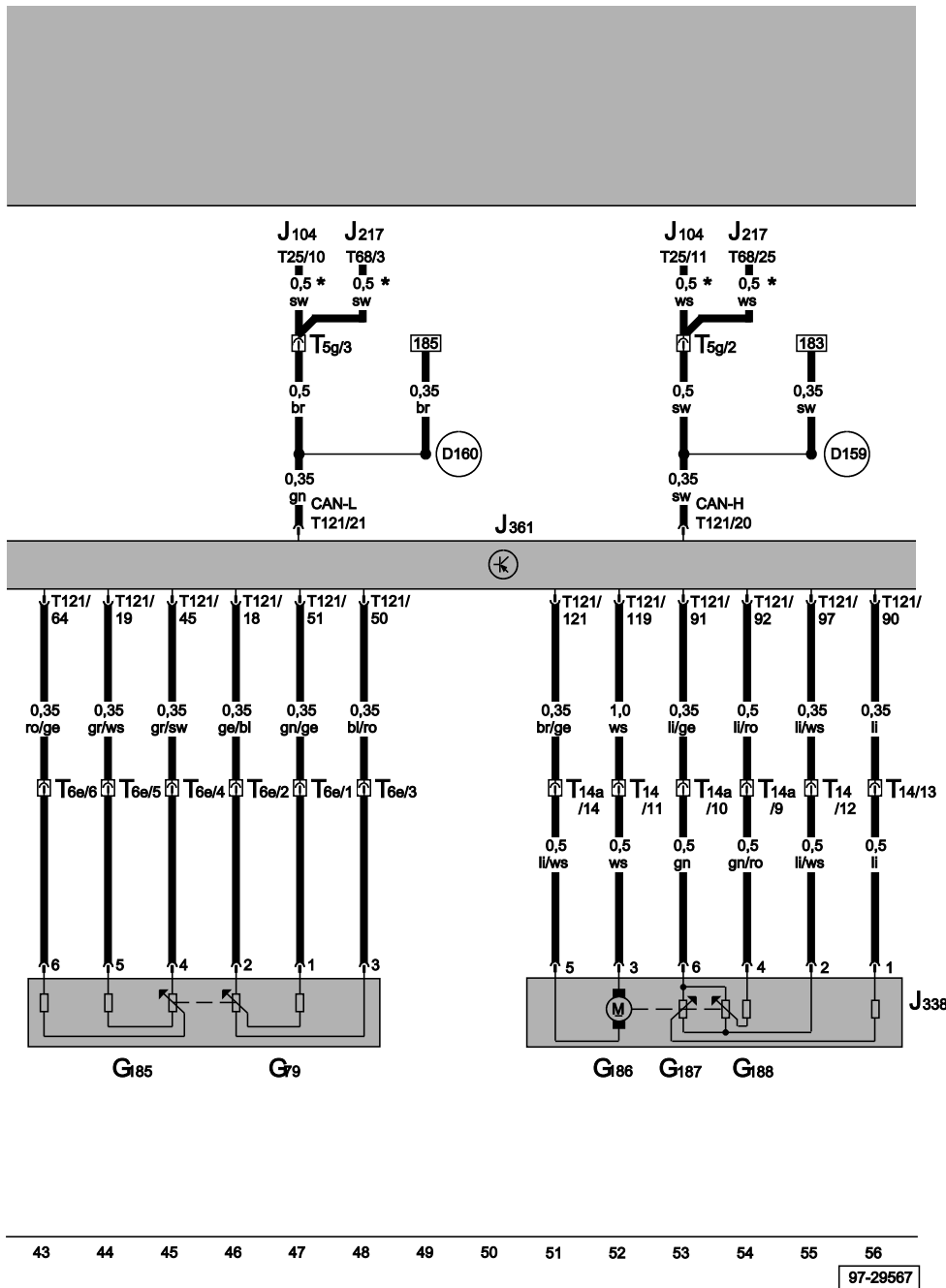
Simos control unit, accelerator pedal position sender, throttle valve control unit

- G79 Accelerator pedal position sender
- G185 Accelerator pedal position sender -2-
- G186 Throttle valve drive (electric throttle operation)
- G187 Throttle valve drive angle sender -1- (electric throttle operation)
- G188 Throttle valve drive angle sender -2- (electric throttle operation)
- J104 ABS with EDL control unit
- J217 Automatic gearbox control unit
- J338 Throttle valve control unit
- J361 Simos control unit
- T5g 5-pin connector, pink, coupling station under relay carrier, left
- T6e 6-pin connector, near accelerator pedal position sender
- T14 14-pin connector, in engine compartment
- T14a 14-pin connector, in engine compartment
- T25 25-pin connector
- T68 68-pin connector
- T121 121-pin connector

D159 Connection (high bus), in interior wiring harness

D160 Connection (low bus), in engine compartment wiring harness

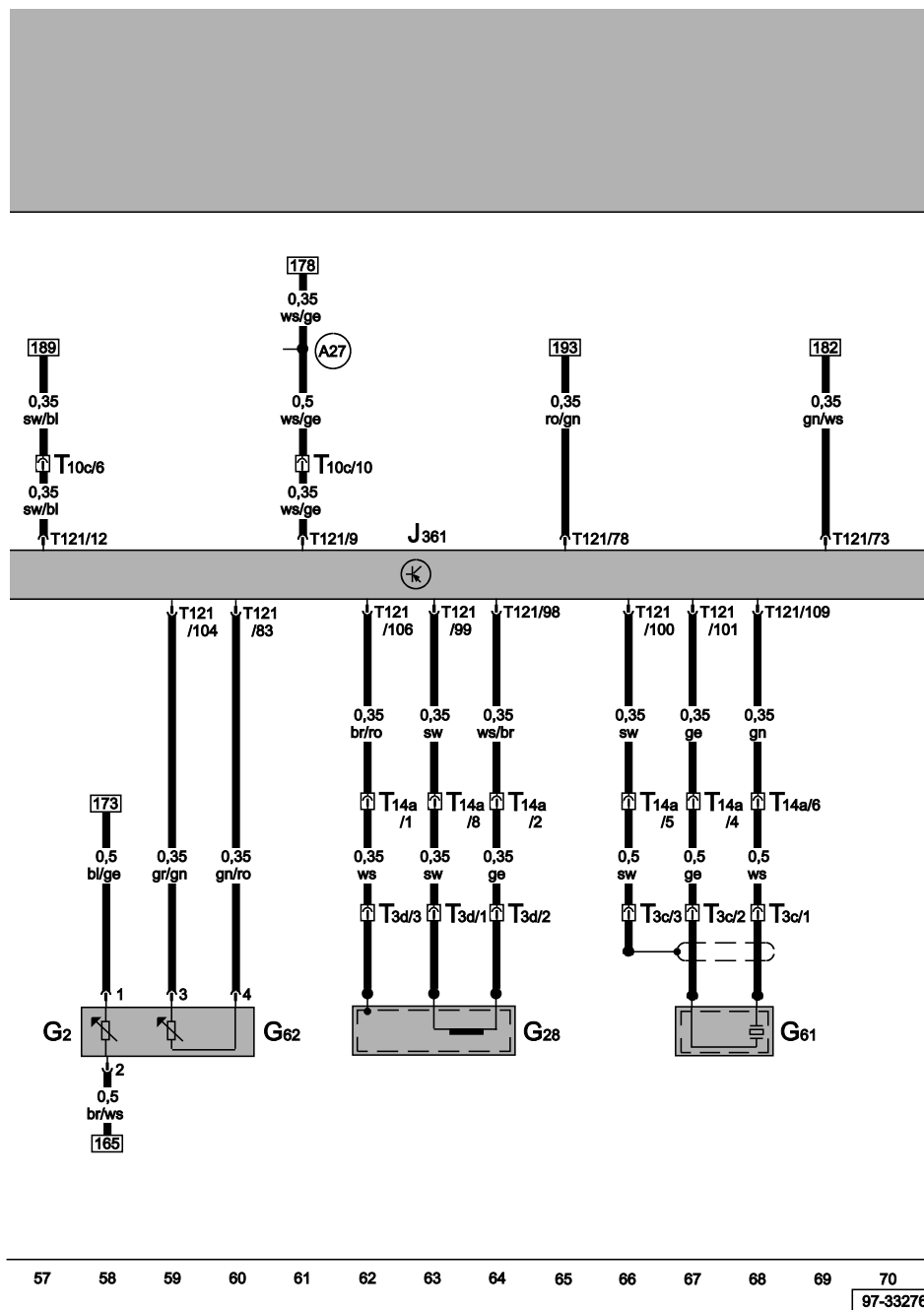
* Depends on equipment



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

Simos control unit, coolant temperature sender, engine speed sender, knock sensor I

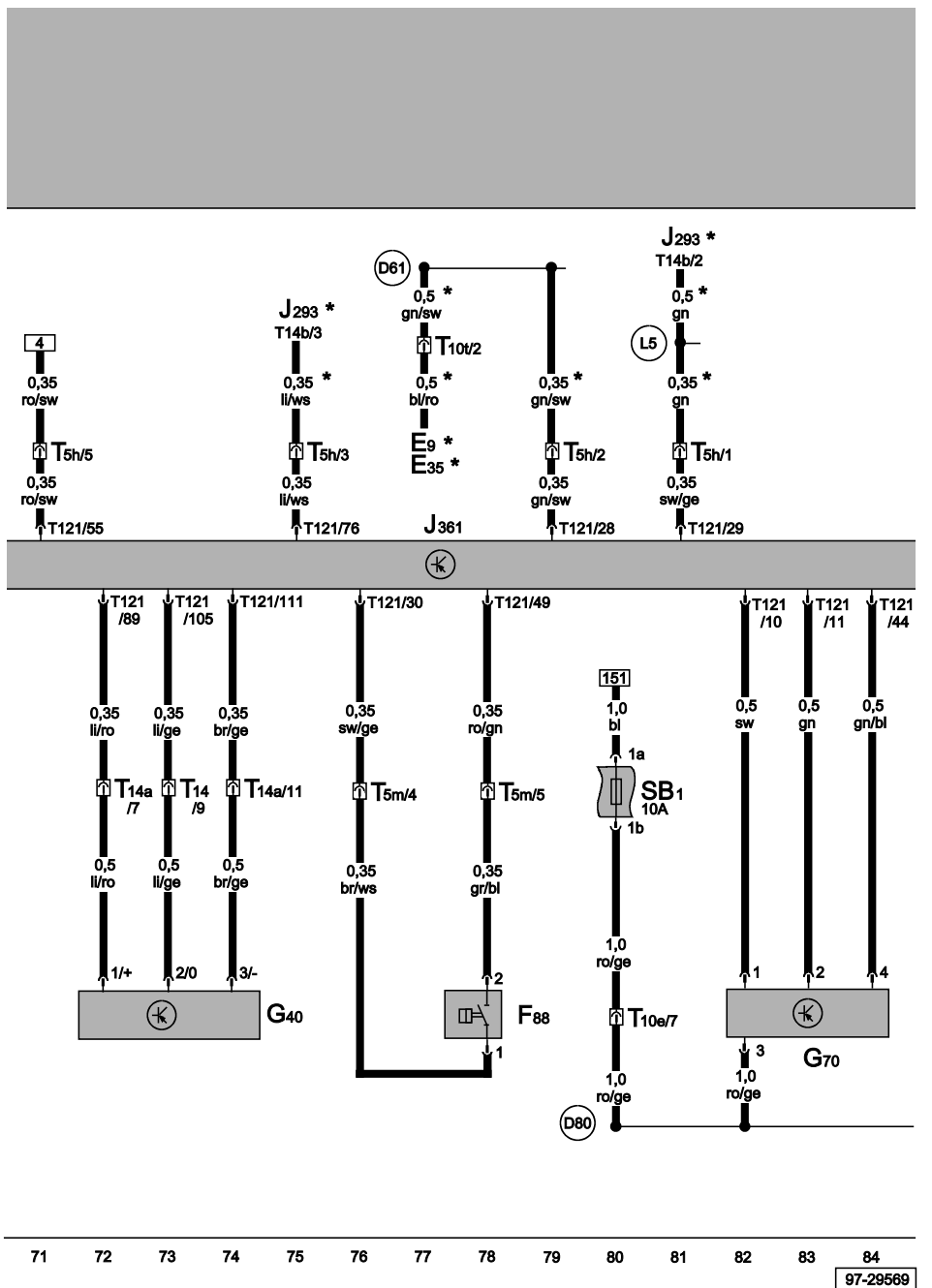
- G2 Coolant temperature sender
- G28 Engine speed sender
- G61 Knock sensor I
- G62 Coolant temperature sender
- J361 Simos control unit
- T3c 3-pin connector, near knock sensor I
- T3d 3-pin connector, near engine speed sender
- T10c 10-pin connector, brown, coupling station under relay carrier, left
- T14a 14-pin connector, in engine compartment
- T121 121-pin connector, on Motronic control unit
- A27 Connection (speed signal), in dash panel wiring harness



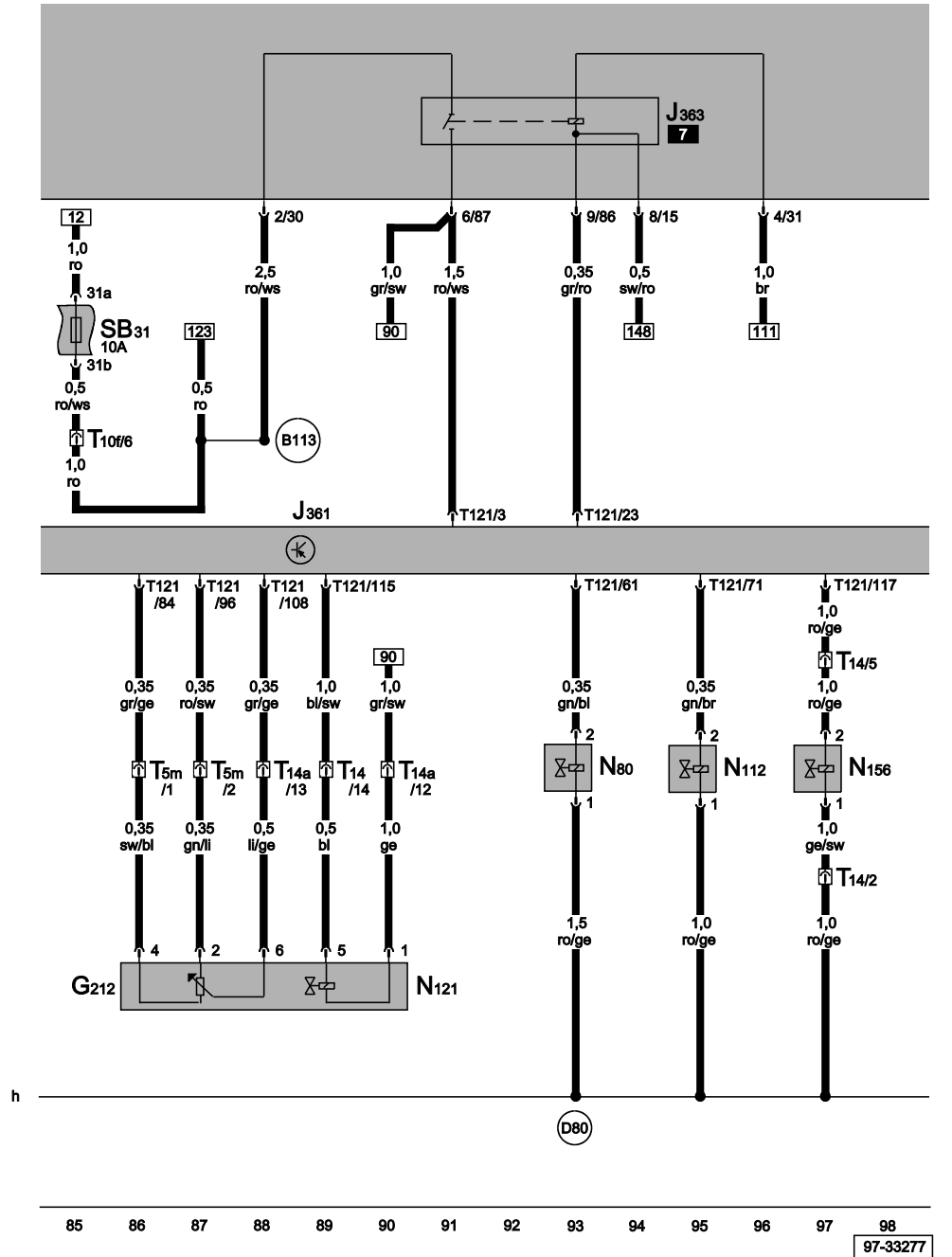
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

Simos control unit, Hall sender, power assisted steering pressure switch, air mass meter

- E9 Fresh air blower switch
- E35 Air conditioner switch
- F88 Power assisted steering pressure switch
- G40 Hall sender
- G70 Air mass meter
- J293 Radiator fan control unit
- J361 Simos control unit
- SB1 Fuse -1- on fuse box
- T5h 5-pin connector, brown, coupling station under relay carrier, left
- T5m 5-pin connector, in engine compartment
- T10e 10-pin connector, green, coupling station under relay carrier, left
- T10t 10-pin connector, coupling station under relay carrier, left
- T14 14-pin connector, in engine compartment
- T14a 14-pin connector, in engine compartment
- T14b 14-pin connector, on radiator fan control unit
- T121 121-pin connector
- D61 Connection (air conditioner), in engine compartment wiring harness
- D80 Positive (+) connection (87a - for activated charcoal filter system solenoid valve), in engine compartment wiring harness
- L5 Connection -1-, in air conditioner wiring harness
- * Only models with air conditioner



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



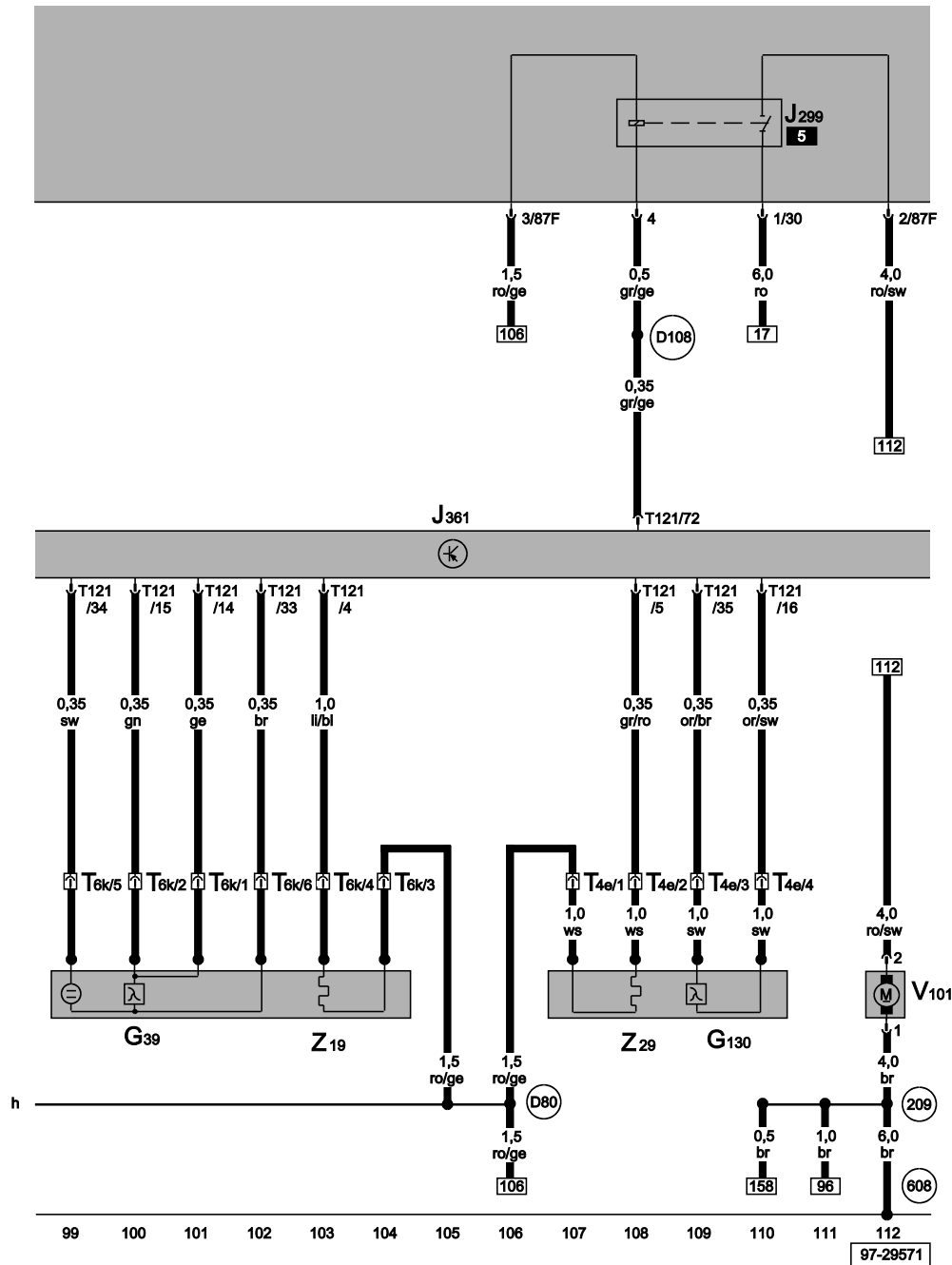
Exhaust gas recirculation potentiometer, exhaust gas recirculation frequency valve, activated charcoal filter system solenoid valve 1, secondary air inlet valve, Intake manifold change-over valve

- G212 Exhaust gas recirculation potentiometer
- J361 Simos control unit
- J363 Current supply relay for Simos control unit
- N80 Activated charcoal filter system solenoid valve 1 (pulsed)
- N112 Secondary air inlet valve
- N121 Exhaust gas recirculation frequency valve
- N156 Intake manifold change-over valve
- SB31 Fuse -31- on fuse box
- T5m 5-pin connector
- T10f 10-pin connector, purple, coupling station under relay carrier, left
- T14 14-pin connector, in engine compartment
- T14a 14-pin connector, in engine compartment
- T121 121-pin connector
- B113 Positive (+) connection (30a), in left interior wiring harness
- D80 Positive (+) connection (87a - for activated charcoal filter system solenoid valve), in engine compartment wiring harness

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

Simos control unit, lambda probe, lambda probe after catalyst, activated charcoal filter system solenoid valve 1, secondary air pump motor

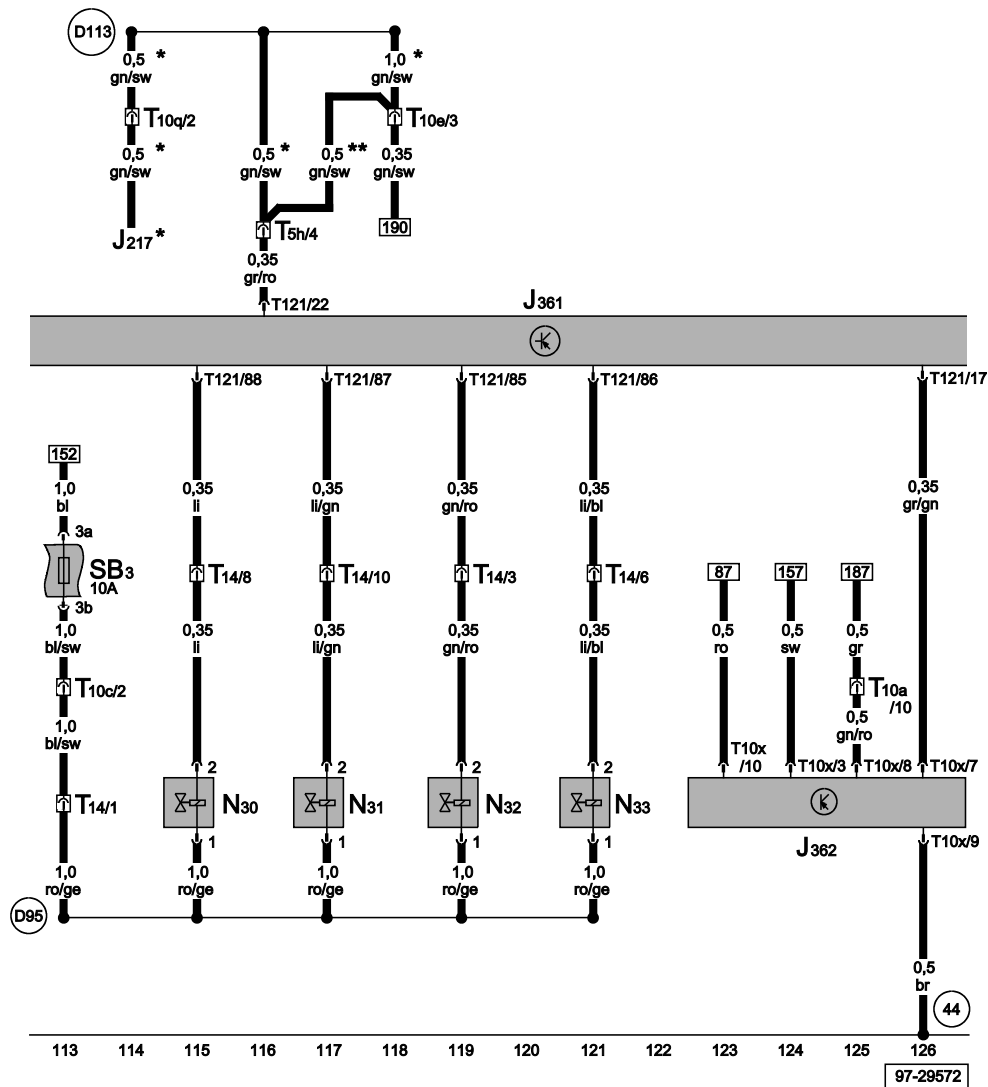
- G39 Lambda probe
- G130 Lambda probe after catalyst
- J299 Secondary air pump relay
- J361 Simos control unit
- T4e 4-pin connector, near lambda probe
- T6k 6-pin connector, near lambda probe
- T121 121-pin connector
- V101 Secondary air pump motor
- Z19 Lambda probe heater
- Z29 Lambda probe 1 heater, after catalyst
- 209 Earth connection -6-, in engine compartment wiring harness
- 608 Earth point, in plenum chamber, centre
- D80 Positive (+) connection (87a - for activated charcoal filter system solenoid valve), in engine compartment wiring harness
- D108 Connection -6-, in engine compartment wiring harness



Simos control unit, injectors, immobilizer control unit

- J217 Automatic gearbox control unit
- J361 Simos control unit
- J362 Immobilizer control unit
- N30 Injector, cylinder 1
- N31 Injector, cylinder 2
- N32 Injector, cylinder 3
- N33 Injector, cylinder 4
- SB3 Fuse -3- on fuse box
- T5h 5-pin connector, brown, coupling station under relay carrier, left
- T10a 10-pin connector, black, coupling station under relay carrier, left
- T10c 10-pin connector, brown, coupling station under relay carrier, left
- T10e 10-pin connector, green, coupling station under relay carrier, left
- T10q 10-pin connector, blue, coupling station under relay carrier, left
- T10x 10-pin connector, on immobilizer control unit
- T14 14-pin connector, in engine compartment
- T121 121-pin connector

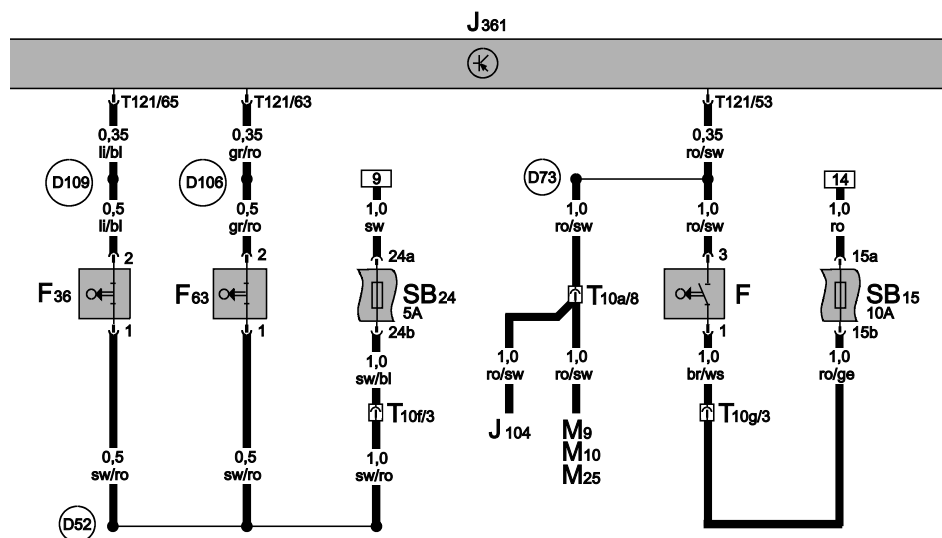
- 44 Earth point, lower part of left A-pillar
- D95 Connection (injectors), in engine compartment wiring harness
- D113 Connection -11-, in engine compartment wiring harness
- * Only models with automatic gearbox
- ** Only models with manual gearbox



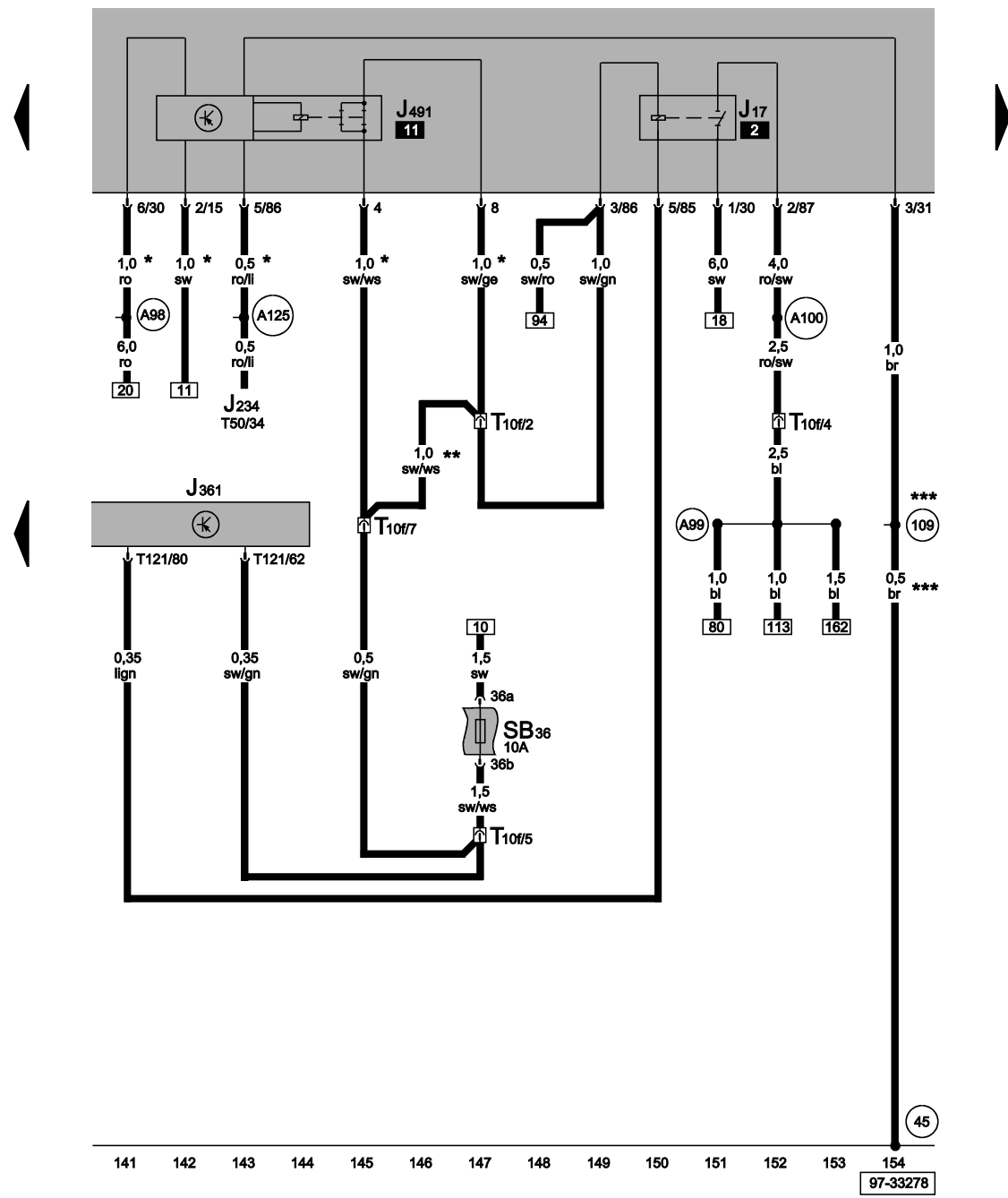
Simos control unit, brake pedal switch, brake light switch, clutch pedal switch

- F Brake light switch
- F36 Clutch pedal switch
- F63 Brake pedal switch
- J104 ABS with EDL control unit
- J361 Simos control unit
- M9 Brake light bulb, left
- M10 Brake light bulb, right
- M25 High level brake light bulb
- SB15 Fuse -15- on fuse box
- SB24 Fuse -24- on fuse box
- T10a 10-pin connector, black, coupling station under relay carrier, left
- T10f 10-pin connector, purple, coupling station under relay carrier, left
- T10g 10-pin connector, red, coupling station under relay carrier, left
- T121 121-pin connector

- D52 Positive (+) connection (15a), in engine compartment wiring harness
- D73 Positive (+) connection (54), in engine compartment wiring harness
- D106 Connection -4-, in engine compartment wiring harness
- D109 Connection -7-, in engine compartment wiring harness



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



Simos control unit, fuel pump relay, fuel shut-off control unit (Crash)

- J17 Fuel pump relay
- J361 Simos control unit
- J234 Airbag control unit
- J491 Fuel shut-off control unit (crash)
- SB36 Fuse -36- on fuse box
- T10f 10-pin connector, purple, coupling station under relay carrier, left
- T50 50-pin connector, on airbag control unit
- T121 121-pin connector

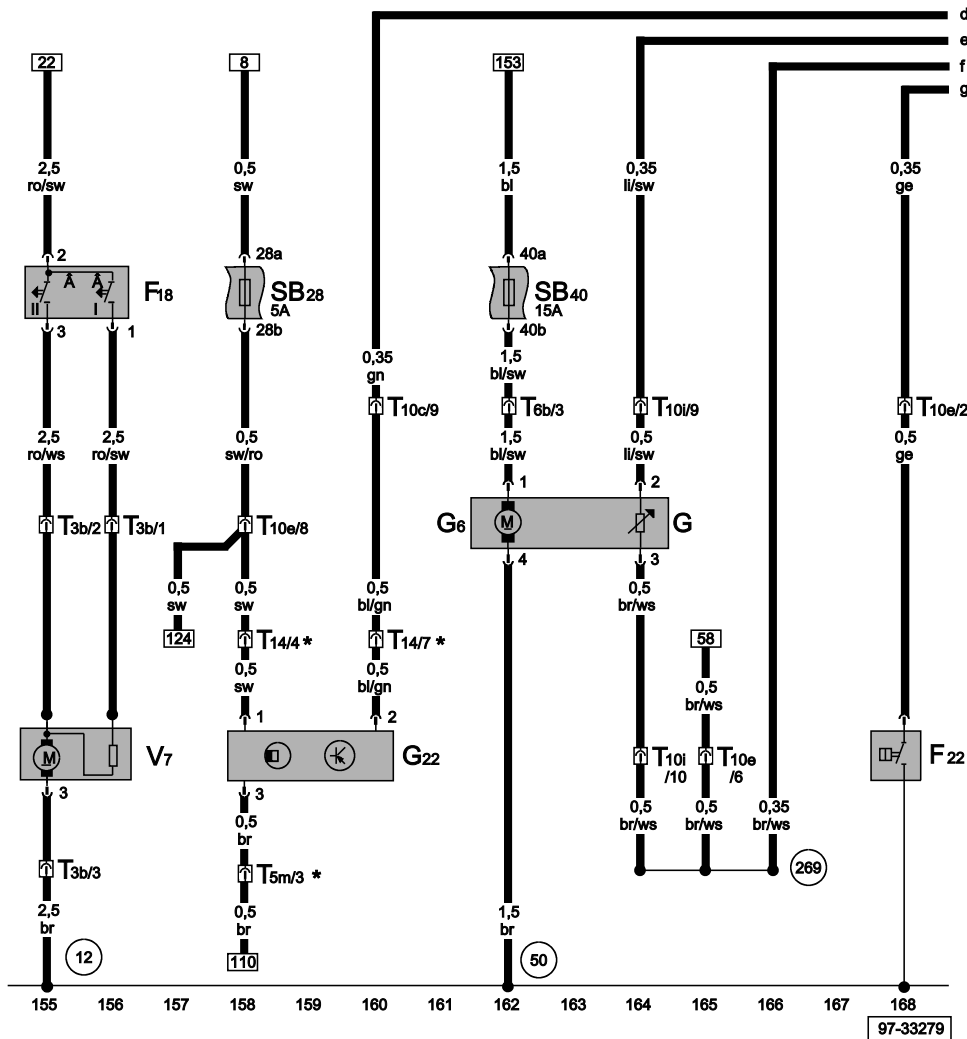
- 45 Earth point, behind dash panel - centre
- 109 Earth connection, in airbag wiring harness
- A98 Positive (+) connection -4- (30), in dash panel wiring harness
- A99 Connection -1- (87), in dash panel wiring harness
- A100 Connection -2- (87), in dash panel wiring harness
- A125 Connection (crash signal), in dash panel wiring harness

- * Only models with airbags
- ** Only models without airbags
- *** Does not models with driver airbag

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

Oil pressure switch, fuel pump, speedometer sender, radiator fan, radiator fan thermo-switch, fuel gauge sender

- F18 Radiator fan thermo-switch
- F22 Oil pressure switch (0,3 bar)
- G Fuel gauge sender
- G6 Fuel pump (pre-supply pump)
- G22 Speedometer sender (Hall sender, on gearbox)
- SB28 Fuse -28- on fuse box
- SB40 Fuse -40- on fuse box
- T3b 3-pin connector, on radiator fan
- T5m 5-pin connector
- T6b 6-pin connector, grey, coupling station under relay carrier, left
- T10c 10-pin connector, brown, coupling station under relay carrier, left
- T10e 10-pin connector, green, coupling station under relay carrier, left
- T10i 10-pin connector, orange, coupling station under relay carrier, left
- T14 14-pin connector, in engine compartment
- V7 Radiator fan
- 12 Earth point, left in engine compartment
- 50 Earth point, on left luggage compartment
- 269 Earth connection (sender earth) -1-, in dash panel wiring harness
- * Only models with automatic gearbox

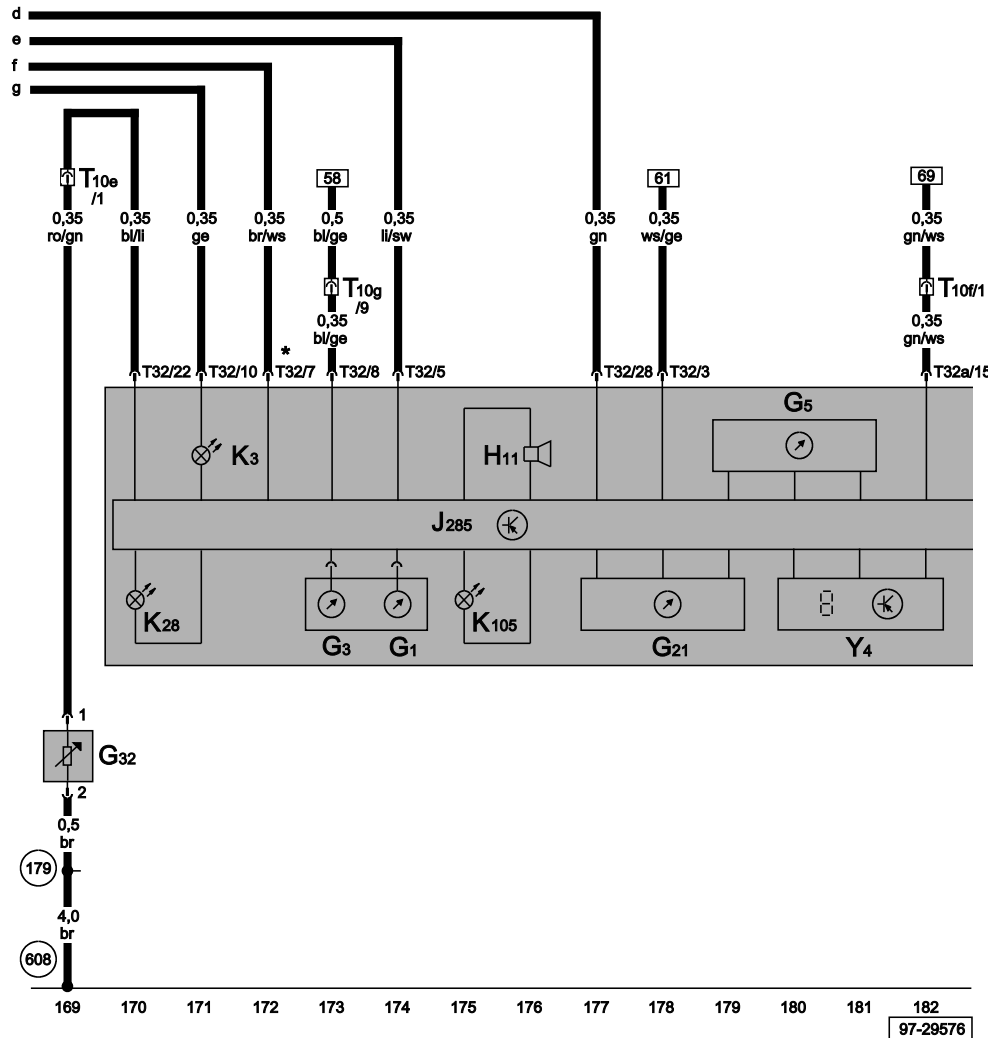


ws = white
 sw = black
 ro = red
 br = brown
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 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink

Control unit with display in dash panel insert, coolant shortage indicator sender, oil pressure warning lamp, rev. counter, speedometer, odometer display

- G1 Fuel gauge
- G3 Coolant temperature gauge
- G5 Rev. counter
- G21 Speedometer
- G32 Coolant shortage indicator sender
- H11 Oil pressure warning buzzer
- J285 Control unit with display in dash panel insert
- K3 Oil pressure warning lamp
- K28 Coolant temperature/coolant shortage warning lamp
- K105 Reserve fuel warning lamp
- T10e 10-pin connector, green, coupling station under relay carrier, left
- T10f 10-pin connector, purple, coupling station under relay carrier, left
- T10g 10-pin connector, red, coupling station under relay carrier, left
- T32 32-pin connector, blue, on dash panel insert
- T32a 32-pin connector, green, on dash panel insert
- Y4 Odometer display

- 179 Earth connection, in left headlight wiring harness
- 608 Earth point, in centre of plenum chamber
- * Output for signal earth

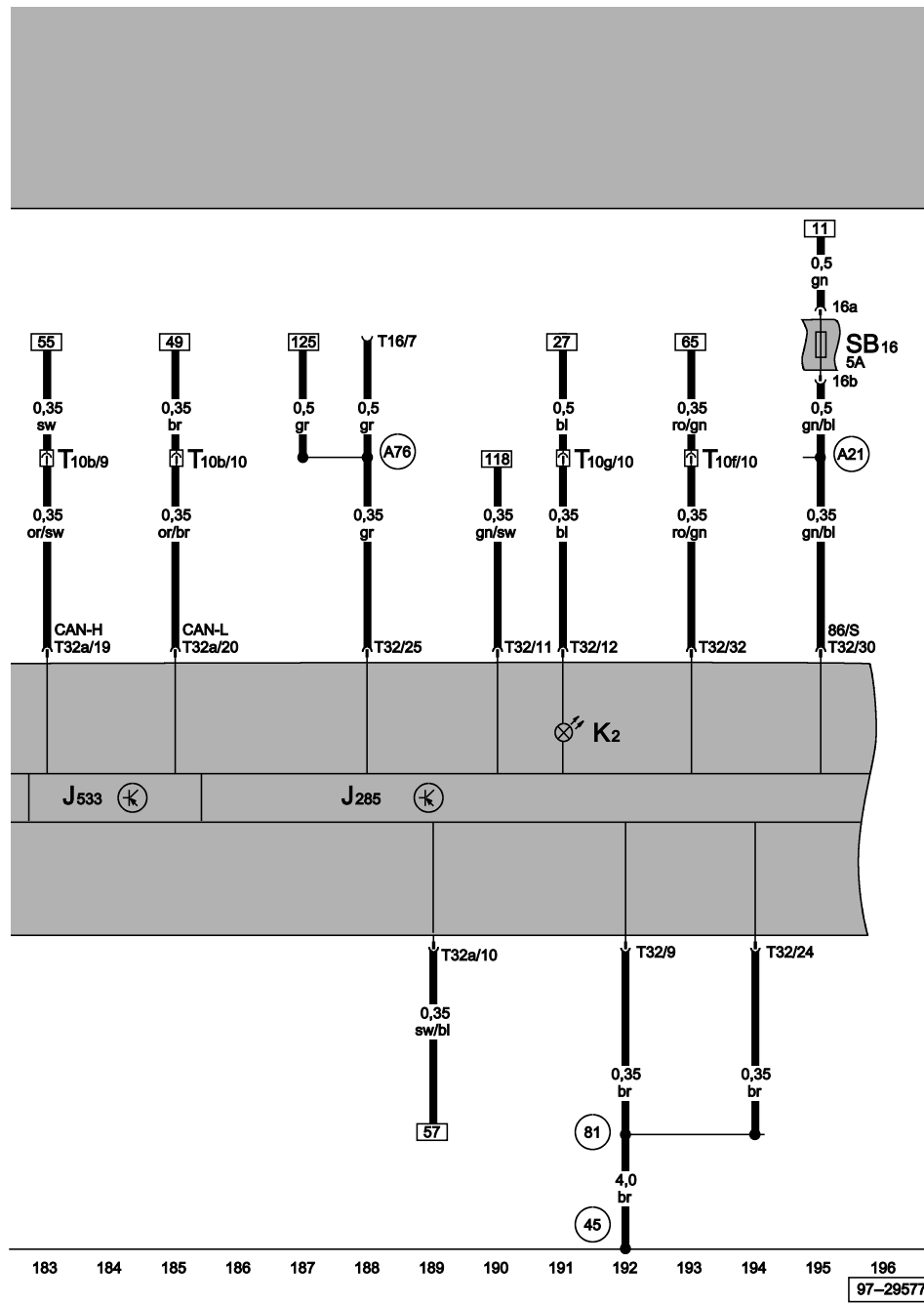


- ws = white
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- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

Control unit with display in dash panel insert, diagnostic connector, alternator warning lamp, data bus diagnostic interface

- J285 Control unit with display in dash panel insert
- J533 Data bus diagnostic interface
- K2 Alternator warning lamp
- SB16 Fuse -16- on fuse box
- T10b 10-pin connector, white, coupling station under relay carrier, left
- T10f 10-pin connector, purple, coupling station under relay carrier, left
- T10g 10-pin connector, red, coupling station under relay carrier, left
- T16 16-pin connector, diagnostic connector
- T32 32-pin connector, blue, on dash panel insert
- T32a 32-pin connector, green, on dash panel insert

- 45 Earth point, behind dash panel - centre
- 81 Earth connection -1-, in dash panel wiring harness
- A21 Connection (86s), in dash panel wiring harness
- A76 Connection (diagnosis wire K), in dash panel wiring harness



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

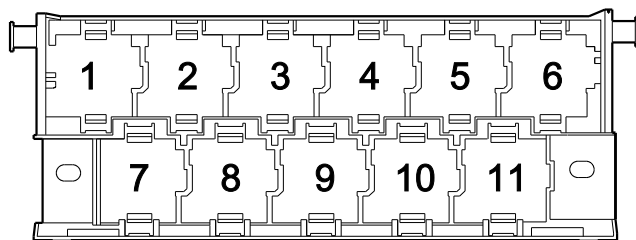
1.4 l/55 kW - 4LV, engine codes APE, AUA

From October 1999

1.4 l/55 kW - 4LV, engine codes AUA, From October 1999

For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.

Relay locations on relay plate:



97-22850

2 - Fuel pump relay (167)

11 - Fuel shut- off control unit (405)



Note:

♦ The number in brackets behind the part designation denotes the control number on the housing.

Fuse colours

30 A - green

25 A - white

20 A - yellow

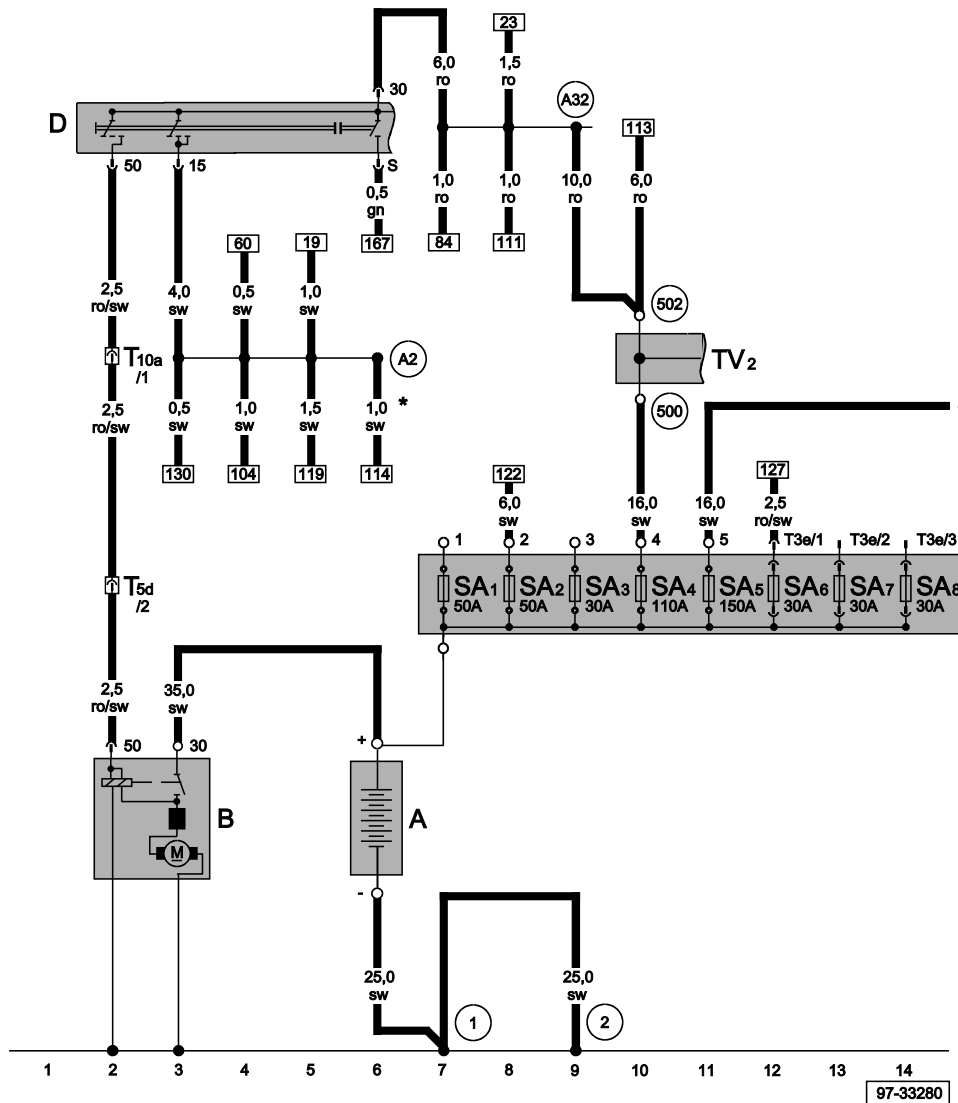
15 A - blue

10 A - red

7.5 A - brown

5 A - beige

3 A - purple

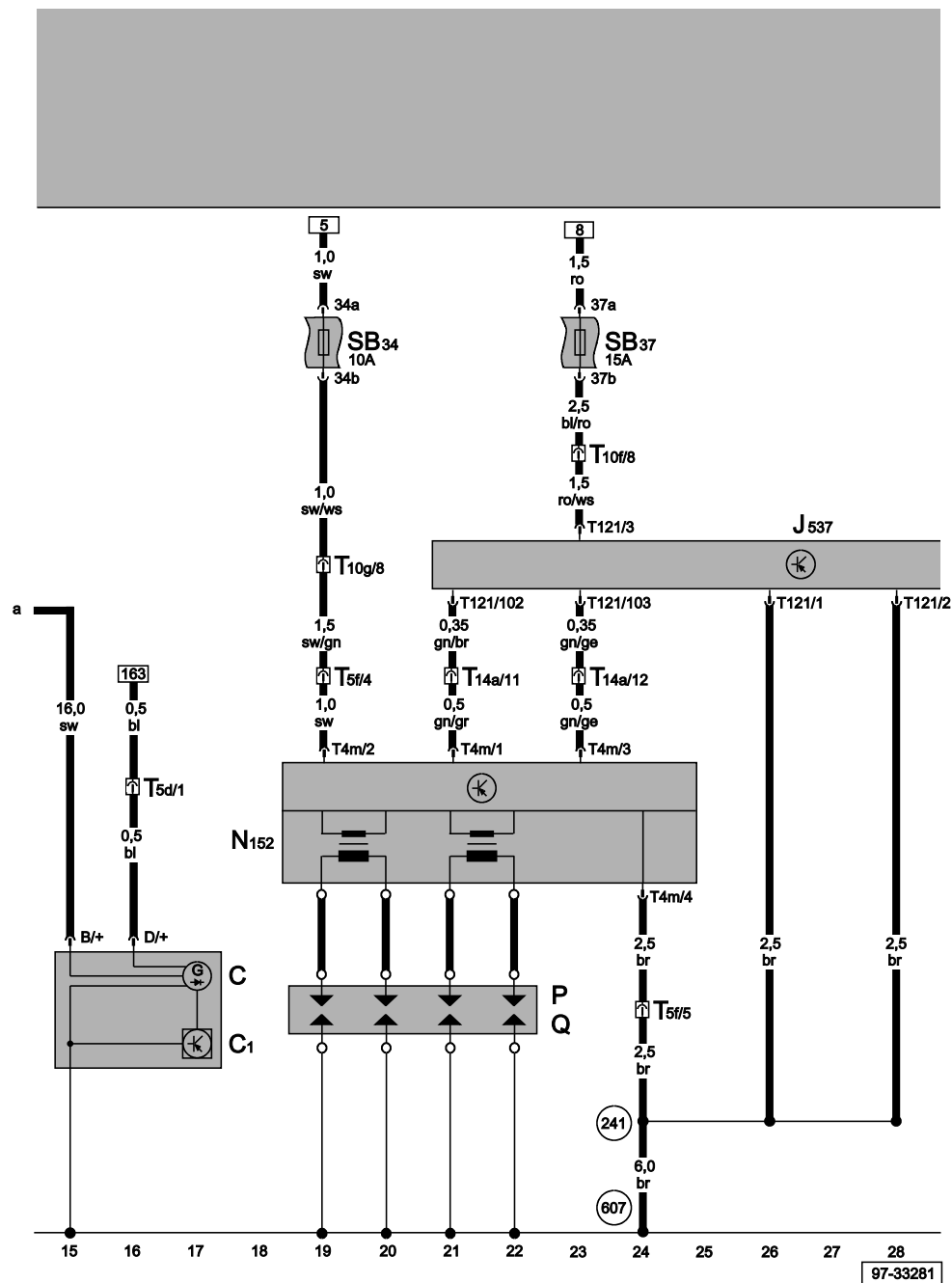


Starter, battery, ignition/starter switch, fuse box / battery

- A Battery
- B Starter
- D Ignition/starter switch
- SA1 Fuse -1- on battery fuse box
- SA2 Fuse -2- on battery fuse box
- SA3 Fuse -3- on battery fuse box
- SA4 Fuse -4- on battery fuse box
- SA5 Fuse -5- on battery fuse box
- SA6 Fuse -6- on battery fuse box
- SA7 Fuse -7- on battery fuse box
- SA8 Fuse -8- on battery fuse box
- T3e 3-pin connector, on battery fuse box
- T5d 5-pin connector, in engine compartment, near gearbox
- T10a 10-pin connector, black, coupling station under relay carrier, left
- TV2 Terminal 30 wiring junction

- 1 Earth strap, battery - body
- 2 Earth strap, gearbox - body
- 500 Screw connection -1- (30), on relay plate
- 502 Screw connection -1- (30a), on relay plate
- A2 Positive (+) connection (15), in dash panel wiring harness
- A32 Positive (+) connection (30), in dash panel wiring harness
- * Only models with airbags

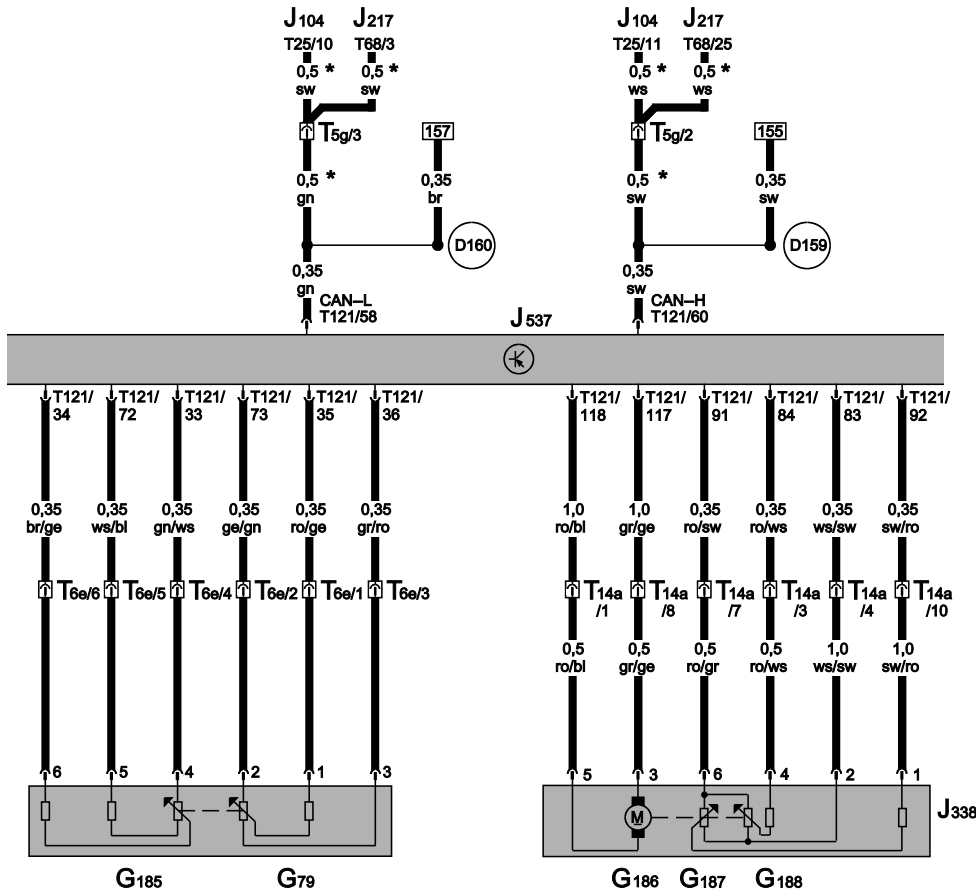
ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink



4LV control unit (injection system), alternator, voltage regulator, voltage supply, ignition transformer

- C Alternator
- C1 Voltage regulator
- J537 4LV control unit (injection system)
- N152 Ignition transformer
- P Spark plug connector
- Q Spark plugs
- SB34 Fuse -34- on fuse box
- SB37 Fuse -37- on fuse box
- T4m 4-pin connector, yellow, on ignition transformer
- T5d 5-pin connector, in engine compartment, near gearbox
- T5f 5-pin connector, in engine compartment
- T10f 10-pin connector, purple, coupling station under relay carrier, left
- T10g 10-pin connector, red, coupling station under relay carrier, left
- T14a 14-pin connector, in engine compartment
- T121 121-pin connector
- 241 Earth connection -2-, engine earth, in engine wiring harness
- 607 Earth point, on left in plenum chamber

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



4LV control unit (injection system), accelerator pedal position senders, throttle valve control unit

- G79 Accelerator pedal position sender
- G185 Accelerator pedal position sender -2-
- G186 Throttle valve drive (electric throttle operation)
- G187 Throttle valve drive angle sender -1- (electric throttle operation)
- G188 Throttle valve drive angle sender -2- (electric throttle operation)
- J104 ABS with EDL control unit
- J217 Automatic gearbox control unit
- J338 Throttle valve control unit
- J537 4LV control unit (injection system)
- T5g 5-pin connector, pink, coupling station under relay carrier, left
- T6e 6-pin connector, near accelerator pedal position sender
- T14a 14-pin connector, in engine compartment
- T25 25-pin connector
- T68 68-pin connector
- T121 121-pin connector

D159 Connection (high bus), in interior wiring harness

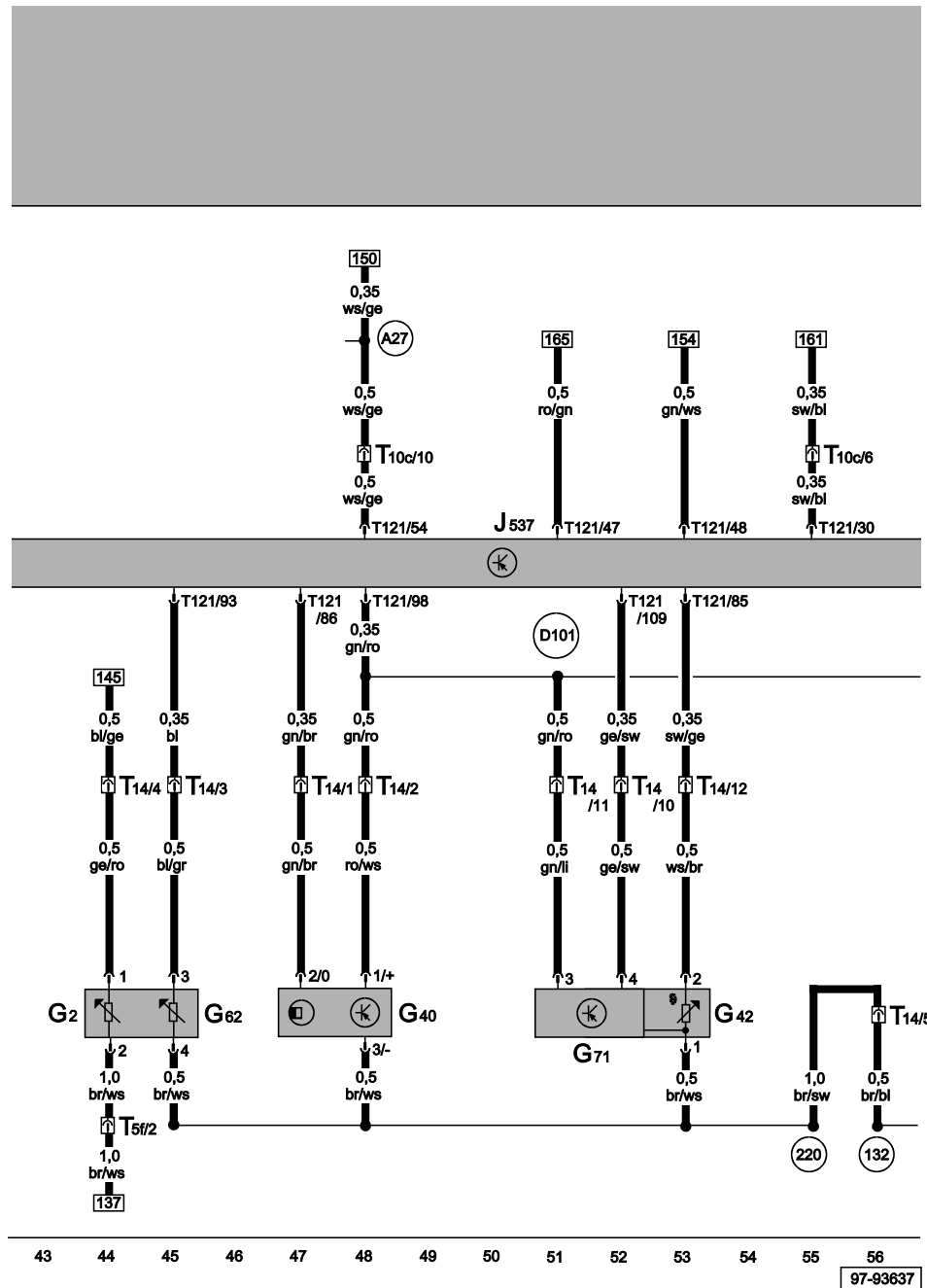
D160 Connection (low bus), in engine compartment wiring harness

* Depends on equipment

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

4LV control unit (injection system), coolant temperature sender, intake air temperature sender, intake manifold pressure sender, Hall sender

- G2 Coolant temperature sender
- G40 Hall sender
- G42 Intake air temperature sender
- G62 Coolant temperature sender
- G71 Intake manifold pressure sender
- J537 4LV control unit (injection system)
- T5f 5-pin connector, in engine compartment
- T10c 10-pin connector, brown, coupling station under relay carrier, left
- T14 14-pin connector, in engine compartment
- T121 121-pin connector
- 132 Earth connection -3-, in engine compartment wiring harness
- 220 Earth connection (sender earth), in engine wiring harness
- A27 Connection (speed signal), in dash panel wiring harness
- D101 Connection -1-, in engine compartment wiring harness



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

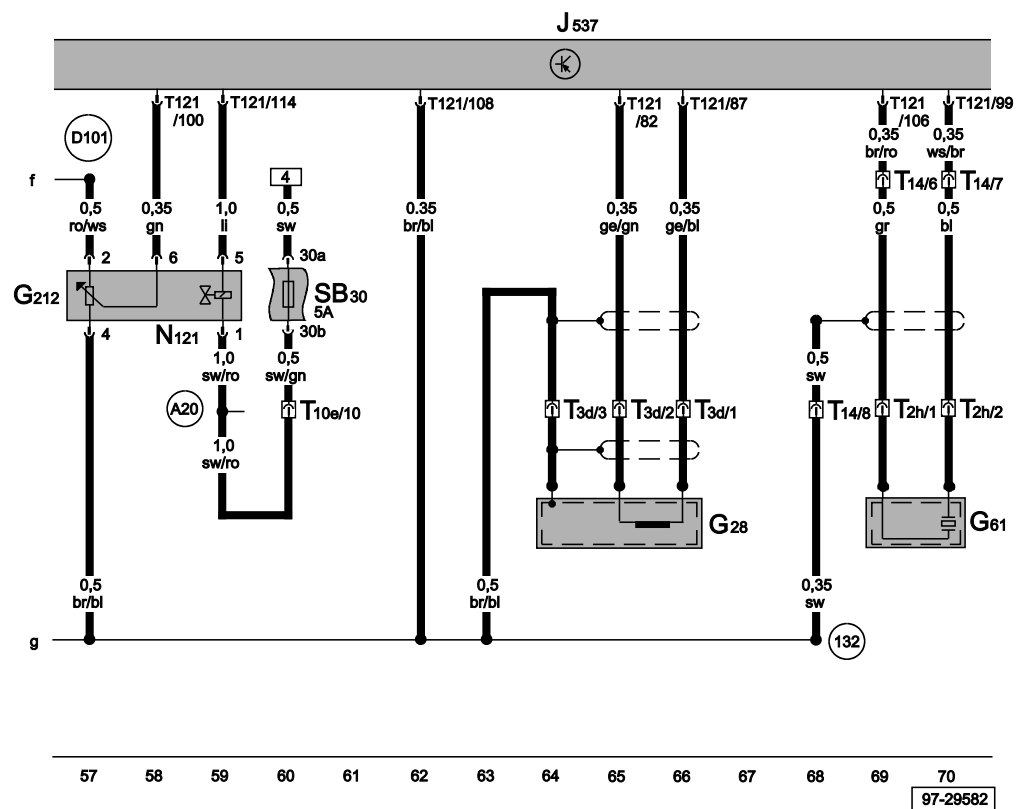
4LV control unit (injection system), engine speed sender, knock sensor I, exhaust gas recirculation frequency valve

- G28 Engine speed sender
- G61 Knock sensor I
- G212 Exhaust gas recirculation potentiometer
- J537 4LV control unit (injection system)
- N121 Exhaust gas recirculation frequency valve
- SB30 Fuse -30- on fuse box
- T2h 2-pin connector, near knock sensor I
- T3d 3-pin connector, near engine speed sender
- T10e 10-pin connector, green, coupling station under relay carrier, left
- T14 14-pin connector, in engine compartment
- T121 121-pin connector

132 Earth connection -3-, in engine compartment wiring harness

A20 Connection (15a), in dash panel wiring harness

D101 Connection -1-, in engine compartment wiring harness

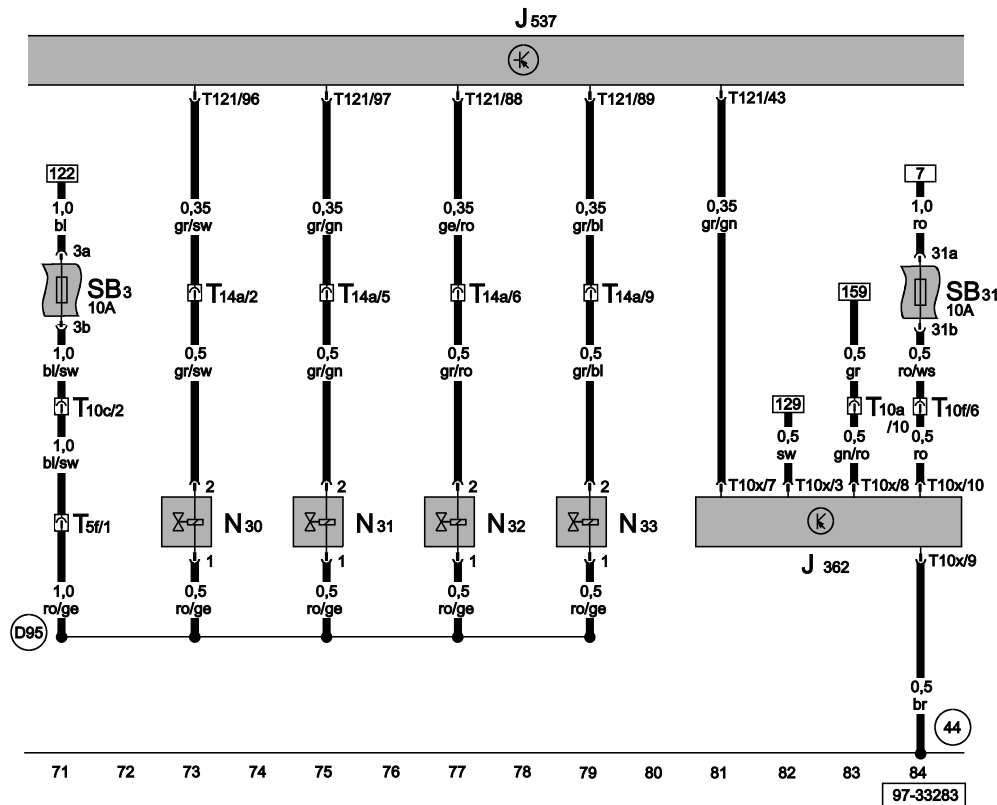


4LV control unit (injection system), injectors, immobilizer control unit

- J362 Immobilizer control unit
- J537 4LV control unit (injection system)
- N30 Injector, cylinder 1
- N31 Injector, cylinder 2
- N32 Injector, cylinder 3
- N33 Injector, cylinder 4
- SB3 Fuse -3- on fuse box
- SB31 Fuse -31- on fuse box
- T5f 5-pin connector, in engine compartment
- T10a 10-pin connector, black, coupling station under relay carrier, left
- T10c 10-pin connector, brown, coupling station under relay carrier, left
- T10f 10-pin connector, purple, coupling station under relay carrier, left
- T10x 10-pin connector, on immobilizer control unit
- T14a 14-pin connector, in engine compartment
- T121 121-pin connector

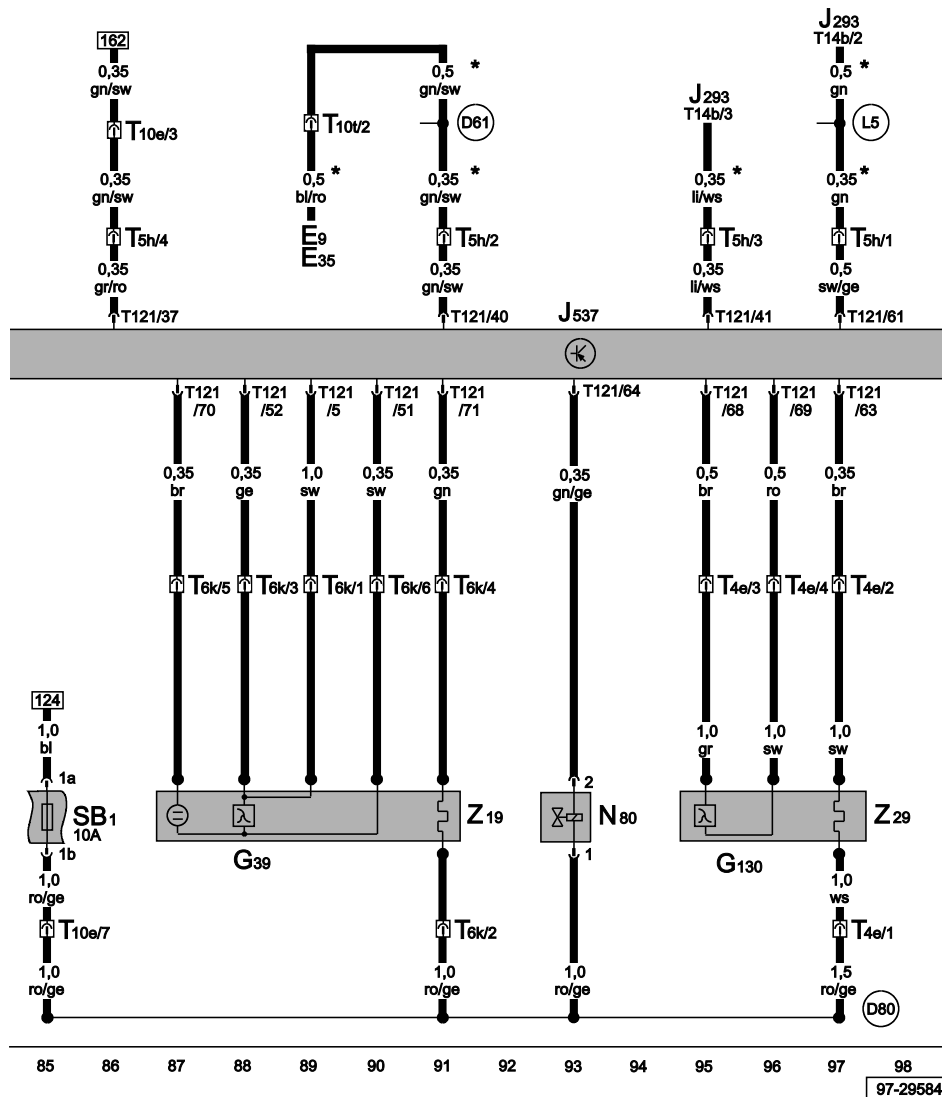
44 Earth point, lower part of left A-pillar

D95 Connection (injectors), in engine compartment wiring harness



4LV control unit (injection system), lambda probe, lambda probe after catalyst, activated charcoal filter system solenoid valve 1

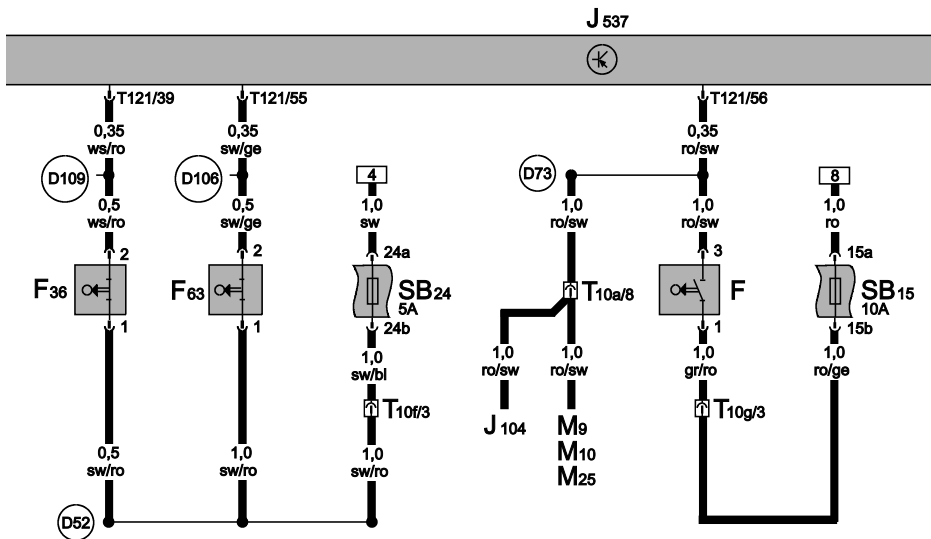
- E9 Fresh air blower switch
- E35 Air conditioner switch
- G39 Lambda probe
- G130 Lambda probe after catalyst
- J293 Radiator fan control unit
- J537 4LV control unit (injection system)
- N80 Activated charcoal filter system solenoid valve 1 (pulsed)
- SB1 Fuse -1- on fuse box
- T4e 4-pin connector, near lambda probe
- T5h 5-pin connector, brown, coupling station under relay carrier, left
- T6k 6-pin connector, near lambda probe
- T10e 10-pin connector, green, coupling station under relay carrier, left
- T10t 10-pin connector, coupling station under relay carrier, left
- T14b 14-pin connector, on radiator fan control unit
- T121 121-pin connector
- Z19 Lambda probe heater
- Z29 Lambda probe 1 heater, after catalyst
- D61 Connection (air conditioner), in engine compartment wiring harness
- D80 Positive (+) connection (87a - for activated charcoal filter system solenoid valve), in engine compartment wiring harness
- L5 Connection -1-, in air conditioner wiring harness
- * Only models with air conditioner



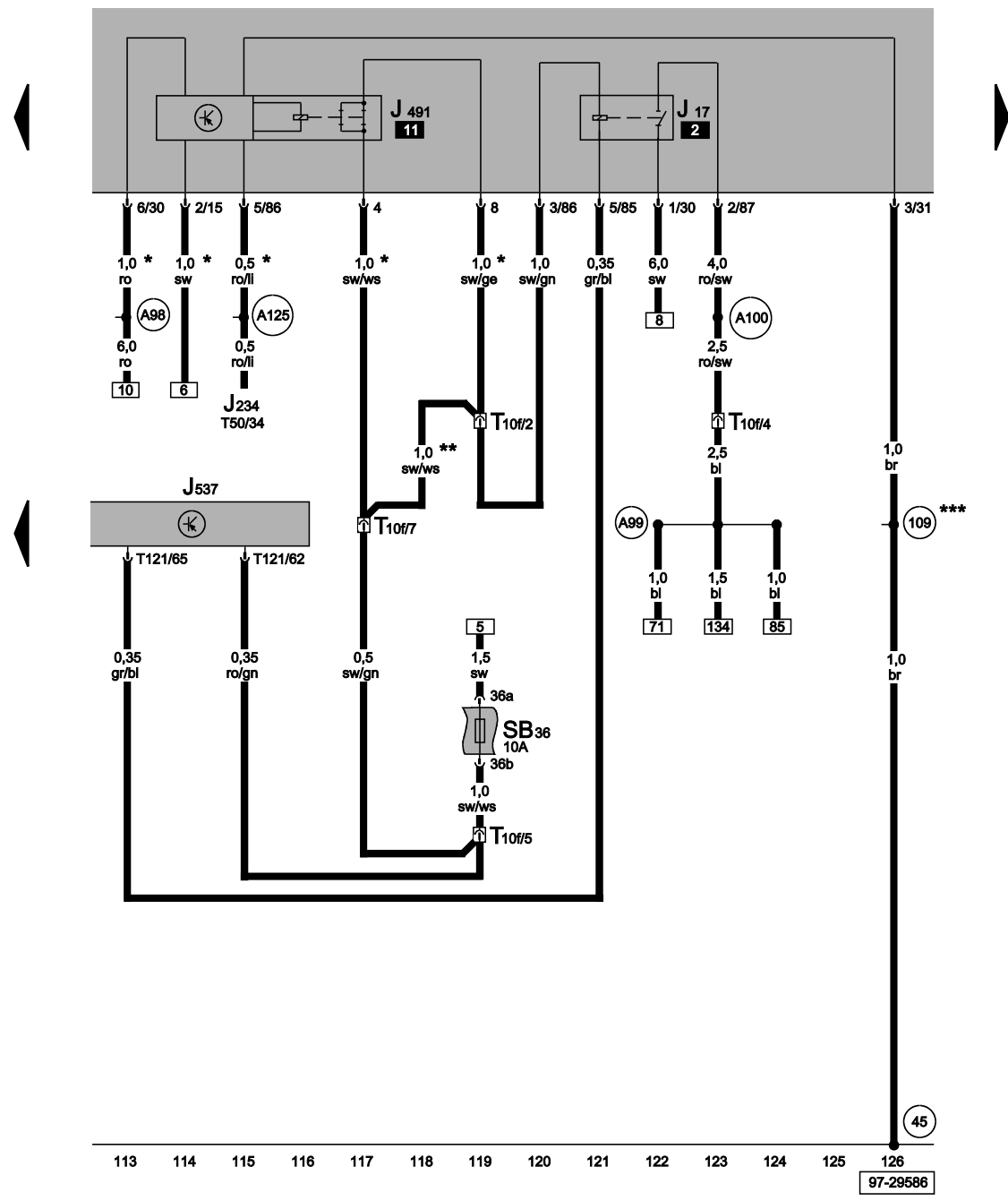
ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink

4LV control unit (injection system), brake light switch, clutch pedal switch, brake pedal switch

- F Brake light switch
- F36 Clutch pedal switch
- F63 Brake pedal switch
- J104 ABS with EDL control unit
- J537 4LV control unit (injection system)
- M9 Brake light bulb, left
- M10 Brake light bulb, right
- M25 High level brake light bulb
- SB15 Fuse -15- on fuse box
- SB24 Fuse -24- on fuse box
- T10a 10-pin connector, black, coupling station under relay carrier, left
- T10f 10-pin connector, purple, coupling station under relay carrier, left
- T10g 10-pin connector, red, coupling station under relay carrier, left
- T121 121-pin connector
- D52 Positive (+) connection (15a), in engine compartment wiring harness
- D73 Positive (+) connection (54), in engine compartment wiring harness
- D106 Connection -4-, in engine compartment wiring harness
- D109 Connection -7-, in engine compartment wiring harness



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



4LV control unit (injection system), fuel pump relay, fuel shut-off control unit (crash)

- J17 Fuel pump relay
- J234 Airbag control unit
- J491 Fuel shut-off control unit (crash)
- J537 4LV control unit (injection system)
- SB36 Fuse -36- on fuse box
- T10f 10-pin connector, purple, coupling station under relay carrier, left
- T50 50-pin connector, on airbag control unit
- T121 121-pin connector, on Motronic control unit

- 45 Earth point, behind dash panel - centre
- 109 Earth connection, in airbag wiring harness
- A98 Positive (+) connection -4- (30), in dash panel wiring harness
- A99 Connection -1- (87), in dash panel wiring harness
- A100 Connection -2- (87), in dash panel wiring harness
- A125 Connection (crash signal), in dash panel wiring harness

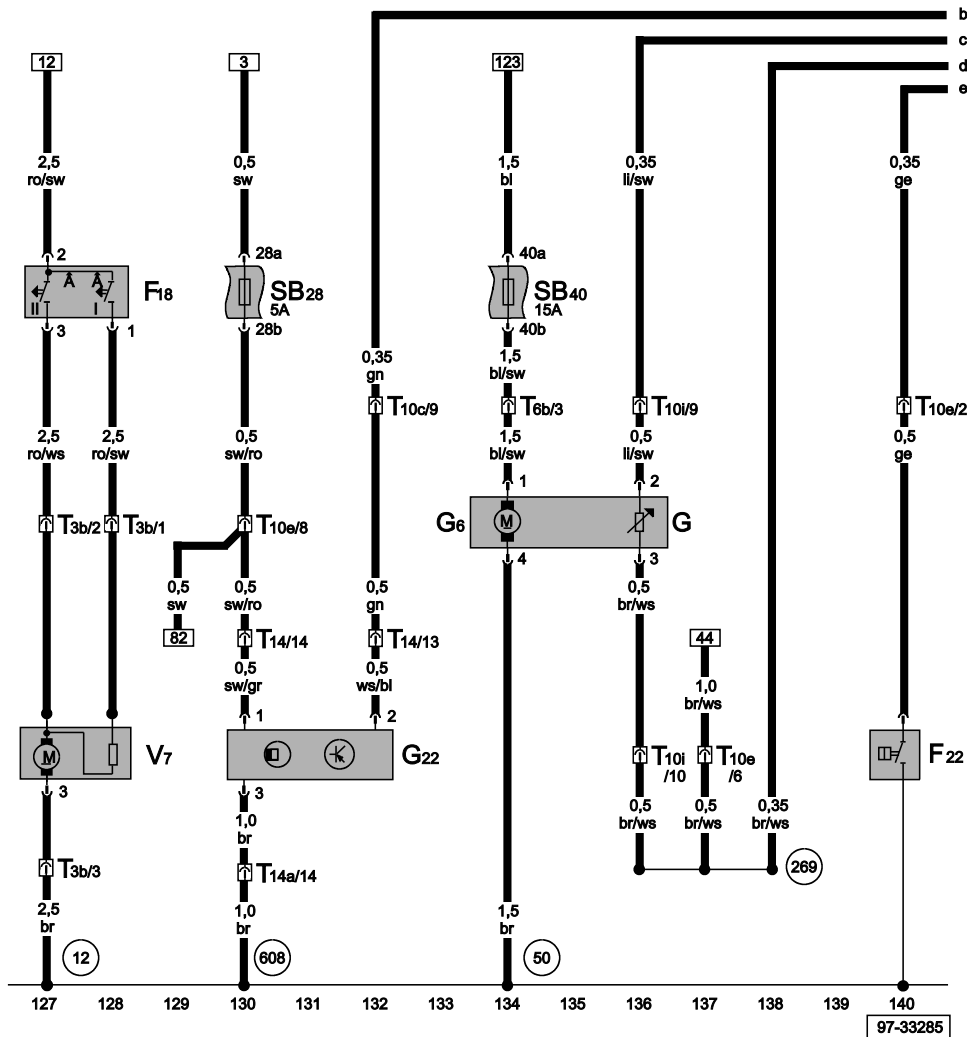
- * Only models with airbag
- ** Only models without airbag
- *** Does not apply to models with driver airbag , without window lifter

Oil pressure switch, fuel pump, speedometer sender, radiator fan thermo-switch, radiator fan, fuel gauge sender

- F18 Radiator fan thermo-switch
- F22 Oil pressure switch (0,3 bar)
- G Fuel gauge sender
- G6 Fuel pump (pre-supply pump)
- G22 Speedometer sender (Hall sender, on gearbox)
- SB28 Fuse -28- on fuse box
- SB40 Fuse -40- on fuse box
- T3b 3-pin connector, on radiator fan
- T6b 6-pin connector, grey, coupling station under relay carrier, left
- T10c 10-pin connector, brown, coupling station under relay carrier, left
- T10e 10-pin connector, green, coupling station under relay carrier, left
- T10i 10-pin connector, orange, coupling station under relay carrier, left
- T14 14-pin connector, in engine compartment
- T14a 14-pin connector, in engine compartment
- V7 Radiator fan

- 12 Earth point, left in engine compartment
- 50 Earth point, on left luggage compartment
- 269 Earth connection (sender earth) -1-, in dash panel wiring harness
- 608 Earth point, in centre of plenum chamber

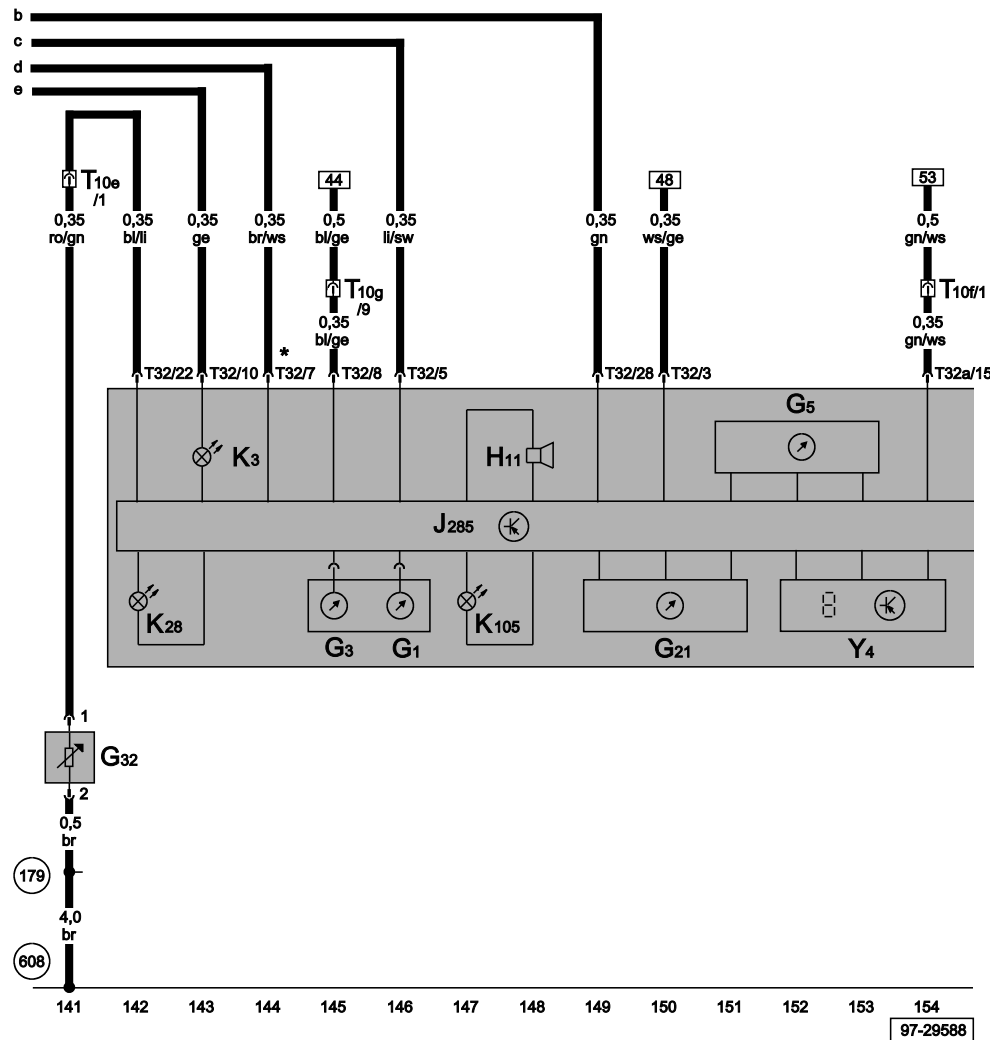
ws = white
sw = black
ro = red
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bl = blue
gr = grey
li = purple
ge = yellow
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Control unit with display in dash panel insert, coolant shortage indicator sender, oil pressure warning lamp, speedometer, odometer display

- G1 Fuel gauge
- G3 Coolant temperature gauge
- G5 Rev. counter
- G21 Speedometer
- G32 Coolant shortage indicator sender
- H11 Oil pressure warning buzzer
- J285 Control unit with display in dash panel insert
- K3 Oil pressure warning lamp
- K28 Coolant temperature/coolant shortage warning lamp
- K105 Reserve fuel warning lamp
- T10e 10-pin connector, green, coupling station under relay carrier, left
- T10f 10-pin connector, purple, coupling station under relay carrier, left
- T10g 10-pin connector, red, coupling station under relay carrier, left
- T32 32-pin connector, blue, on dash panel insert
- T32a 32-pin connector, green, on dash panel insert
- Y4 Odometer display

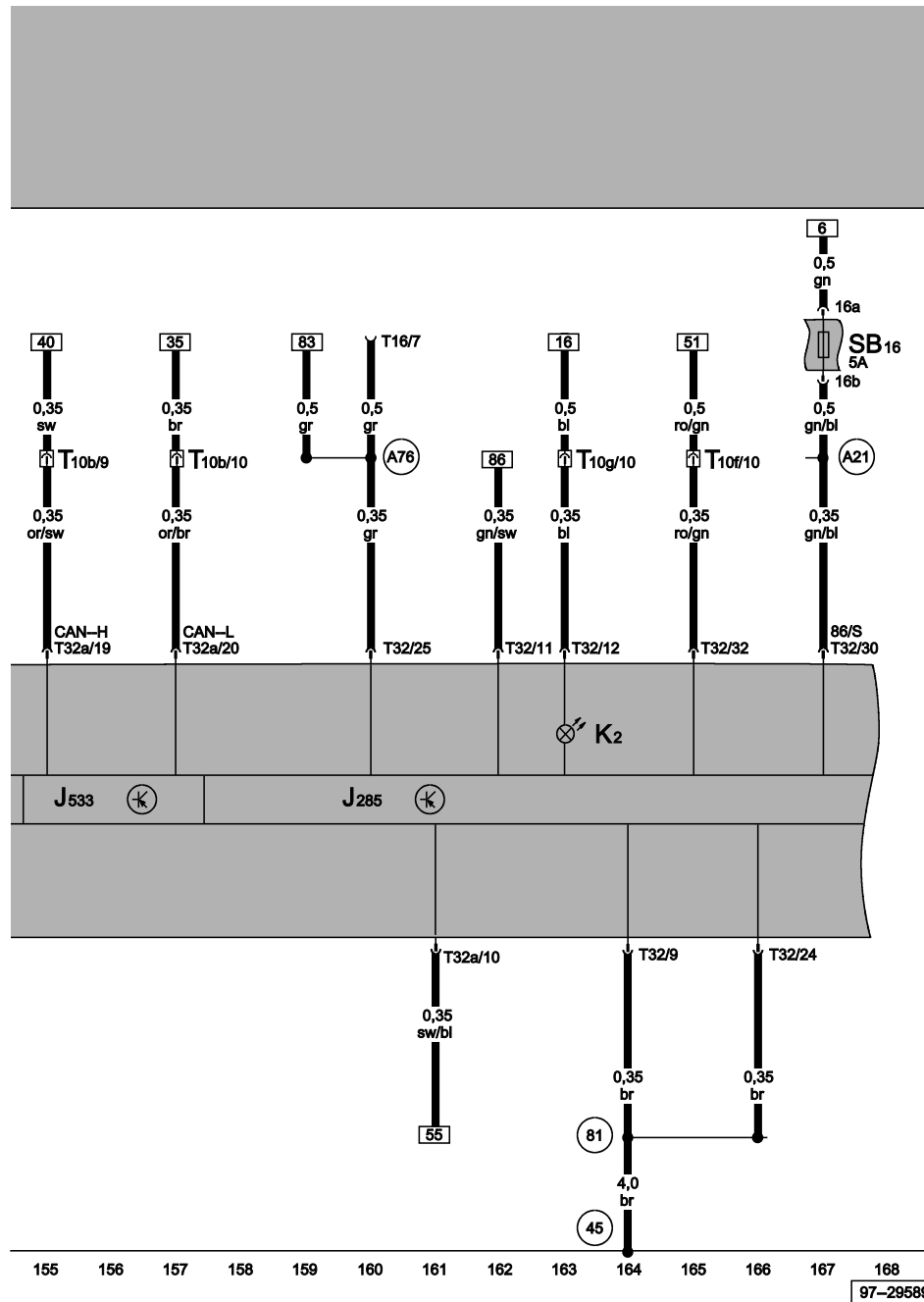
- 179 Earth connection, in left headlight wiring harness
- 608 Earth point, in centre of plenum chamber
- * Output for signal earth



Control unit with display in dash panel insert, diagnostic connector, alternator warning lamp, data bus diagnostic interface

- J285 Control unit with display in dash panel insert
- J533 Data bus diagnostic interface
- K2 Alternator warning lamp
- SB16 Fuse -16- on fuse box
- T10b 10-pin connector, white, coupling station under relay carrier, left
- T10f 10-pin connector, purple, coupling station under relay carrier, left
- T10g 10-pin connector, red, coupling station under relay carrier, left
- T16 16-pin connector, diagnostic connector
- T32 32-pin connector, blue, on dash panel insert
- T32a 32-pin connector, green, on dash panel insert

- 45 Earth point, behind dash panel - centre
- 81 Earth connection -1-, in dash panel wiring harness
- A21 Connection (86s), in dash panel wiring harness
- A76 Connection (diagnosis wire K), in dash panel wiring harness



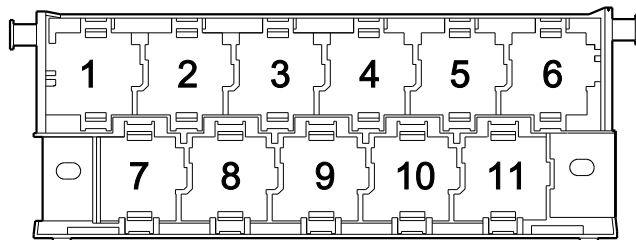
- ws = white
- sw = black
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- gn = green
- bl = blue
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- rs = pink

1.4 l/44 kW Motronic, engine codes AUD

From May 2000

For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.

Relay locations on relay plate:



97-22850

2 - Fuel pump relay (167)

11 - Fuel shut- off control unit (405)



Note:

♦ *The number in brackets behind the part designation denotes the control number on the housing.*

Fuse colours

30 A - green

25 A - white

20 A - yellow

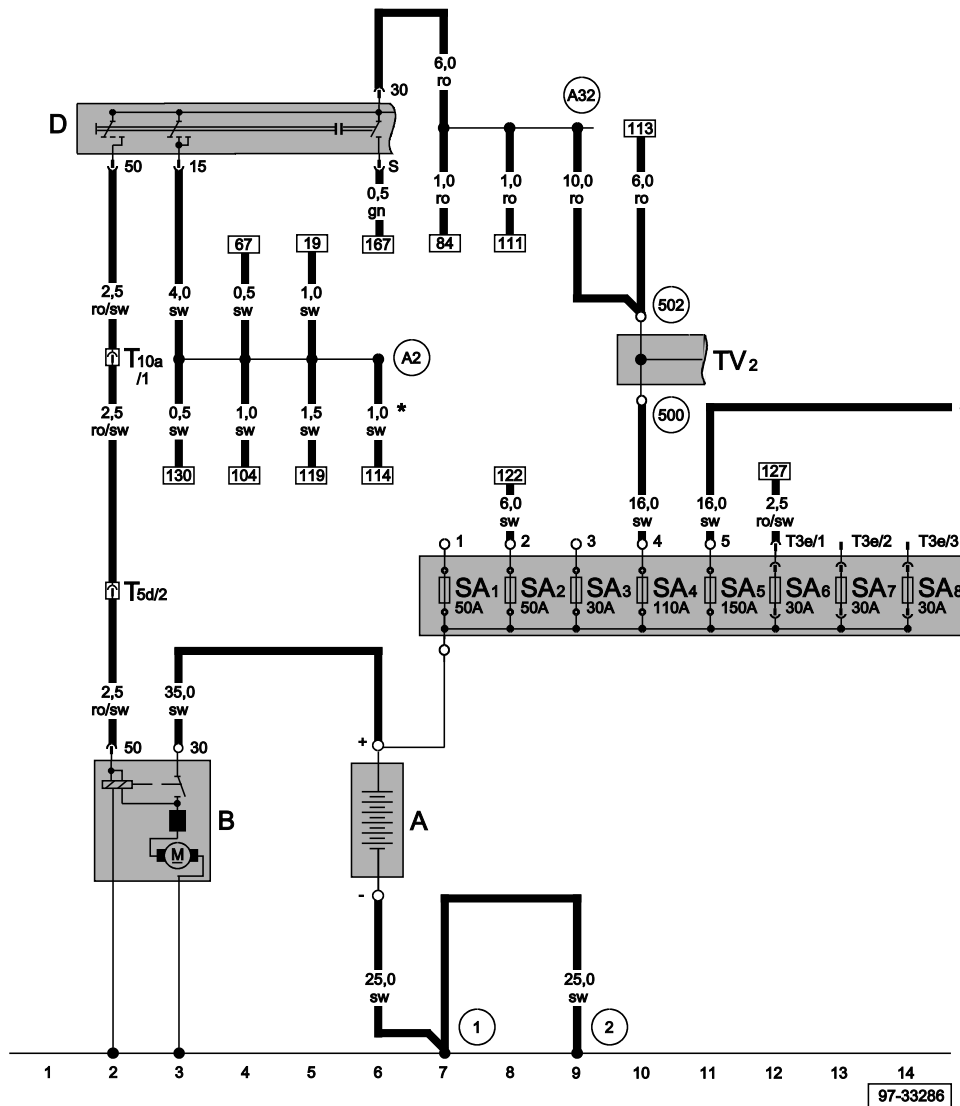
15 A - blue

10 A - red

7.5 A - brown

5 A - beige

3 A - purple



Starter, battery, ignition/starter switch, fuse box / battery

- A Battery
- B Starter
- D Ignition/starter switch
- SA1 Fuse -1- on battery fuse box
- SA2 Fuse -2- on battery fuse box
- SA3 Fuse -3- on battery fuse box
- SA4 Fuse -4- on battery fuse box
- SA5 Fuse -5- on battery fuse box
- SA6 Fuse -6- on battery fuse box
- SA7 Fuse -7- on battery fuse box
- SA8 Fuse -8- on battery fuse box
- T3e 3-pin connector, on battery fuse box
- T5d 5-pin connector, in engine compartment, near gearbox
- T10a 10-pin connector, black, coupling station under relay carrier, left
- TV2 Terminal 30 wiring junction

- 1 Earth strap, battery - body
- 2 Earth strap, gearbox - body
- 500 Screw connection -1- (30), on relay plate
- 502 Screw connection -1- (30a), on relay plate
- A2 Positive (+) connection (15), in dash panel wiring harness
- A32 Positive (+) connection (30), in dash panel wiring harness
- * Only models with airbag

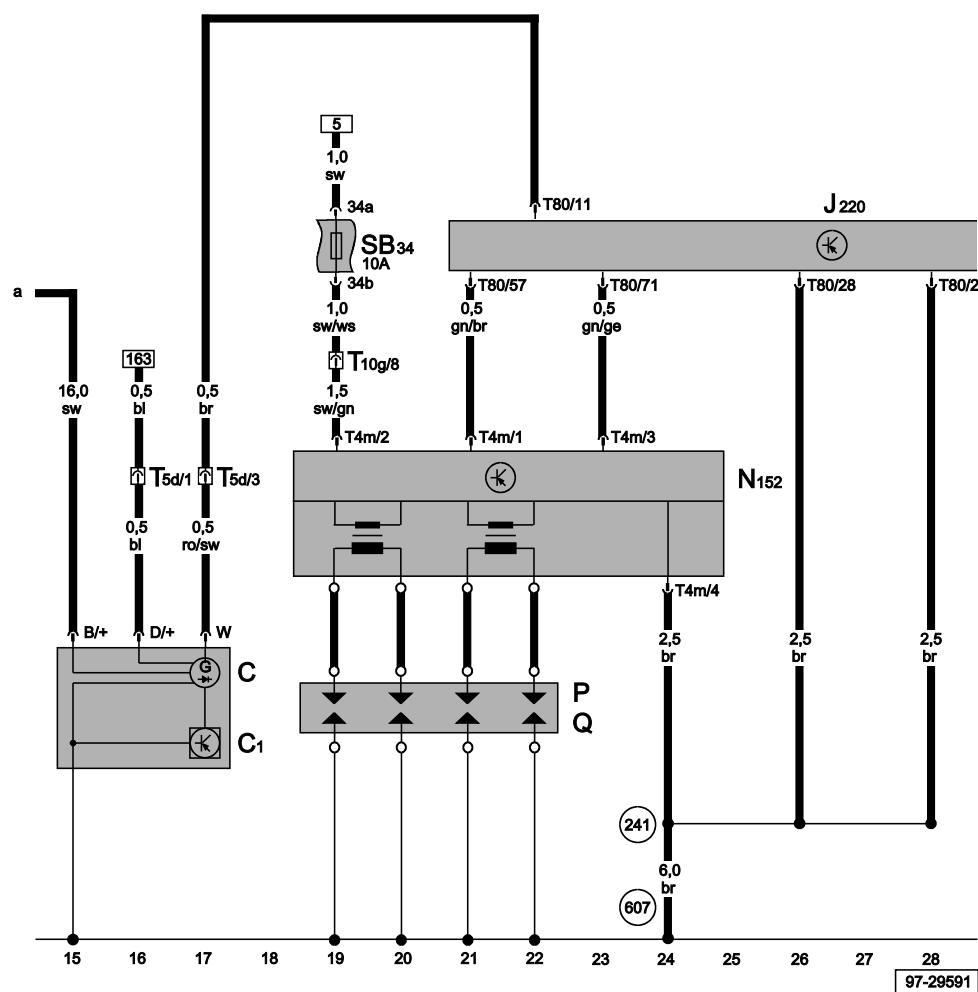
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- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

Motronic control unit, alternator, ignition transformer

- C Alternator
- C1 Voltage regulator
- J220 Motronic control unit
- N152 Ignition transformer
- P Spark plug connector
- Q Spark plugs
- SB34 Fuse -34- on fuse box
- T4m 4-pin connector, yellow, on ignition transformer
- T5d 5-pin connector, in engine compartment, near gearbox
- T10g 10-pin connector, red, coupling station under relay carrier, left
- T80 80-pin connector

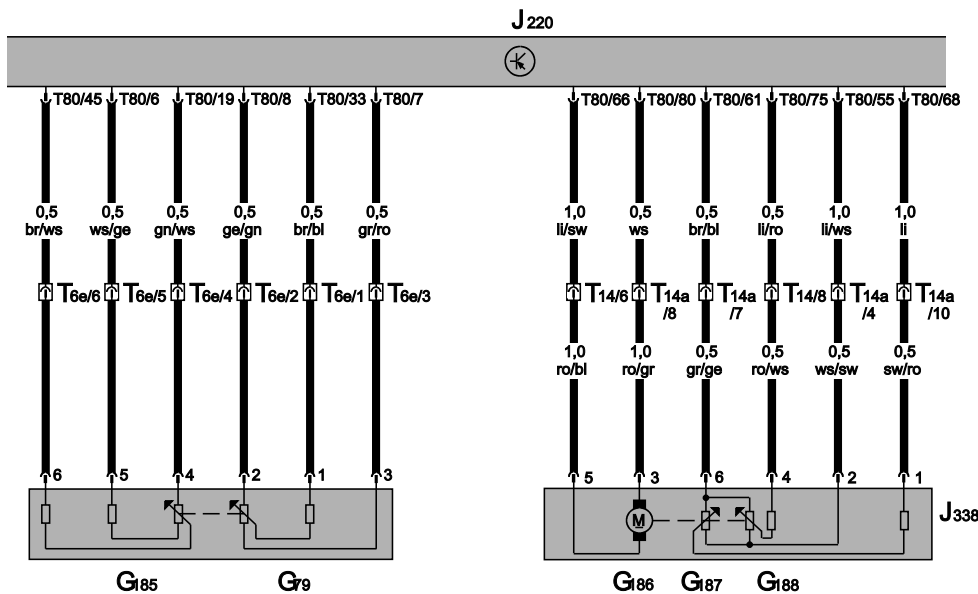
241 Earth connection -2-, engine earth, in engine wiring harness

607 Earth point, on left in plenum chamber



Motronic control unit, accelerator pedal position senders, throttle valve control unit

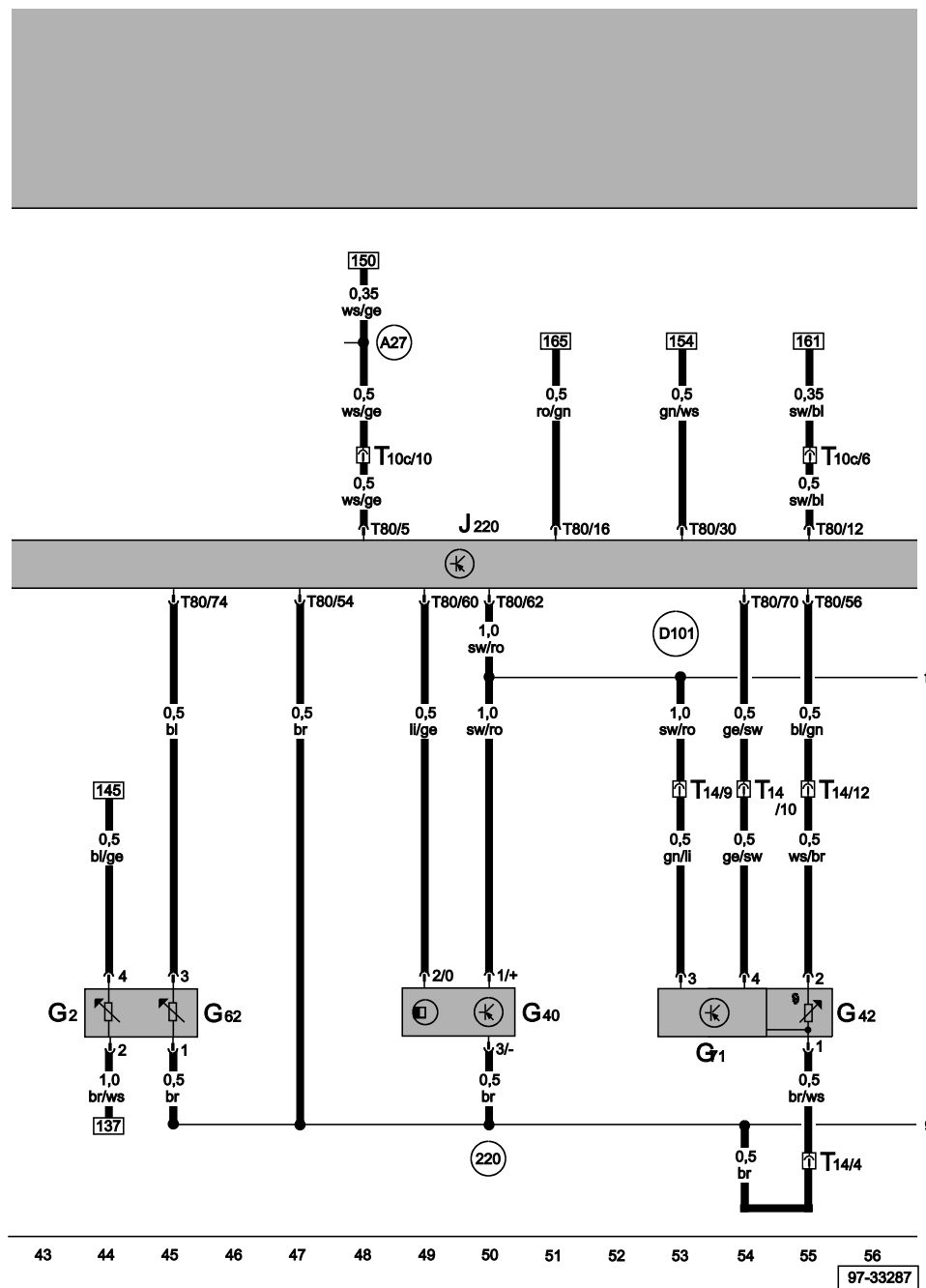
- G79 Accelerator pedal position sender
- G185 Accelerator pedal position sender -2-
- G186 Throttle valve drive (electric throttle operation)
- G187 Throttle valve drive angle sender -1- (electric throttle operation)
- G188 Throttle valve drive angle sender -2- (electric throttle operation)
- J338 Throttle valve control unit
- J220 Motronic control unit
- T6e 6-pin connector, near accelerator pedal position sender
- T14 14-pin connector, in engine compartment
- T14a 14-pin connector, in engine compartment
- T80 80-pin connector



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

Motronic control unit, coolant temperature sender, intake air temperature sender, intake manifold pressure sender, Hall sender

- G2 Coolant temperature sender
- G40 Hall sender
- G42 Intake air temperature sender
- G62 Coolant temperature sender
- G71 Intake manifold pressure sender
- J220 Motronic control unit
- T10c 10-pin connector, brown, coupling station under relay carrier, left
- T14 14-pin connector, in engine compartment
- T80 80-pin connector
- 220 Earth connection (sender earth), in engine wiring harness
- A27 Connection (speed signal), in dash panel wiring harness
- D101 Connection -1-, in engine compartment wiring harness



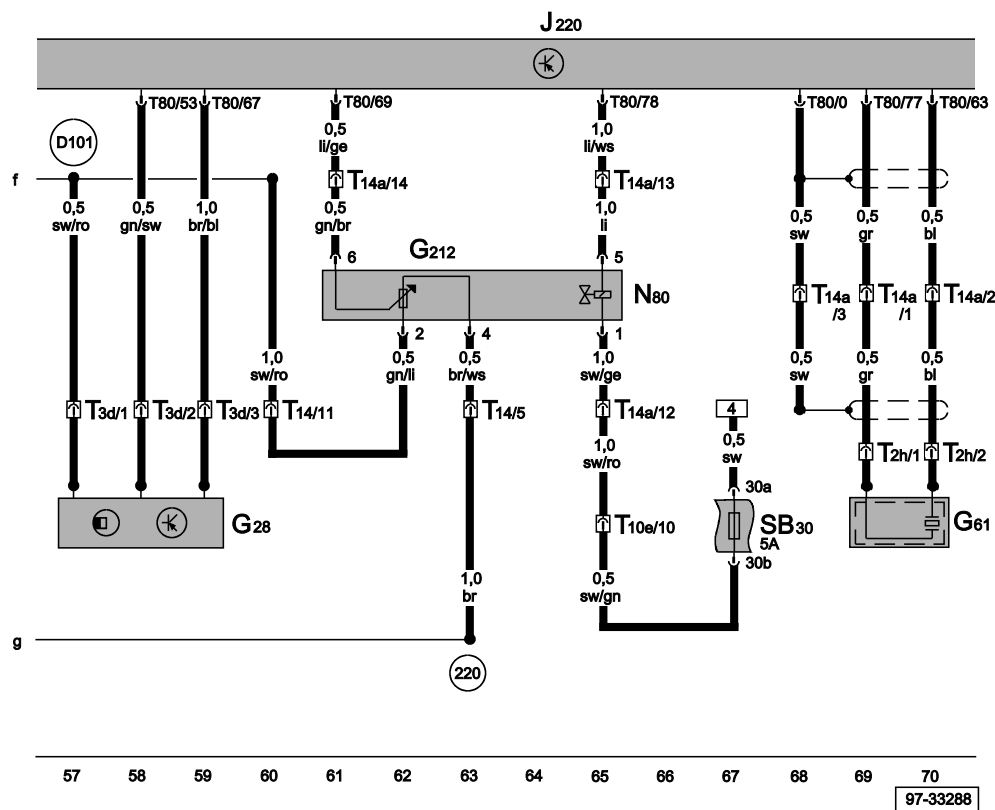
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

Motronic control unit, engine speed sender, knock sensor I, exhaust gas recirculation frequency valve

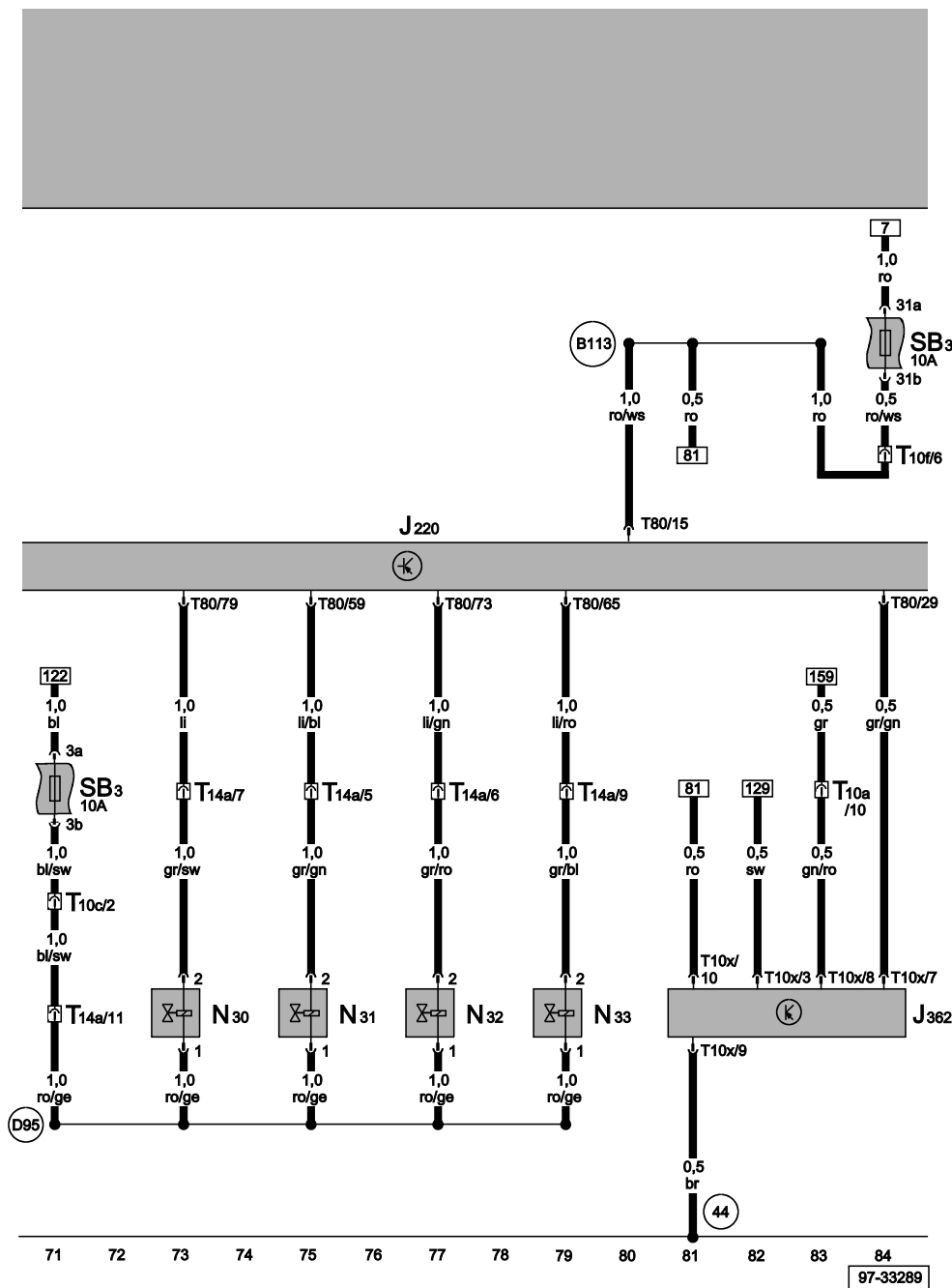
- G28 Engine speed sender
- G61 Knock sensor I
- G212 Exhaust gas recirculation potentiometer
- J220 Motronic control unit
- N80 Exhaust gas recirculation frequency valve
- SB30 Fuse -30- on fuse box
- T2h 2-pin connector, near knock sensor I
- T3d 3-pin connector, near engine speed sender
- T10e 10-pin connector, green, coupling station under relay carrier, left
- T14 14-pin connector, in engine compartment
- T14a 14-pin connector, in engine compartment
- T80 80-pin connector

220 Earth connection (sender earth), in engine wiring harness

D101 Connection -1-, in engine compartment wiring harness



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



Motronic control unit, injectors, immobilizer control unit

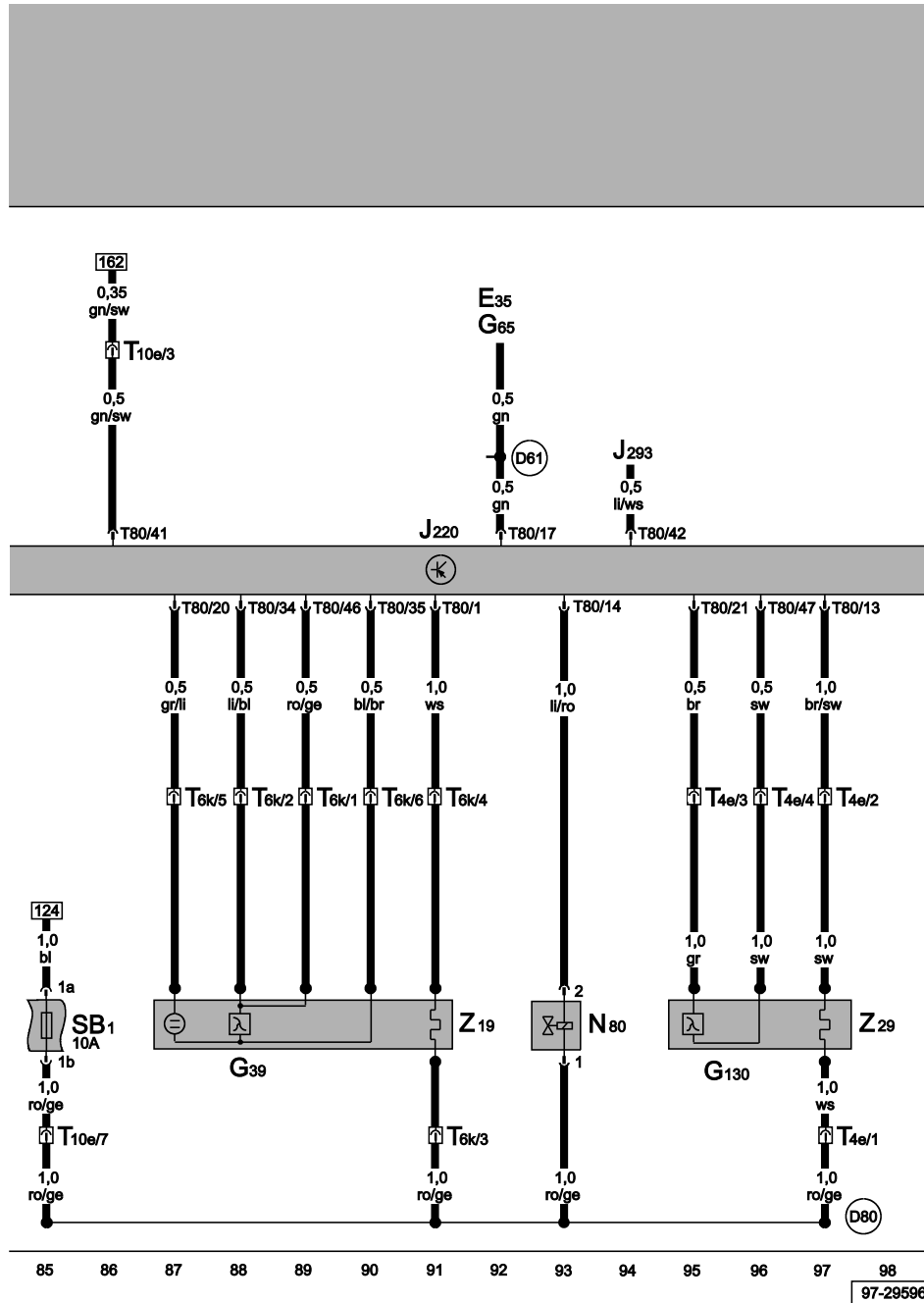
- J362 Immobilizer control unit
- J220 Motronic control unit
- N30 Injector, cylinder 1
- N31 Injector, cylinder 2
- N32 Injector, cylinder 3
- N33 Injector, cylinder 4
- SB3 Fuse -3- on fuse box
- SB31 Fuse -31- on fuse box
- T10a 10-pin connector, black, coupling station under relay carrier, left
- T10c 10-pin connector, brown, coupling station under relay carrier, left
- T10f 10-pin connector, purple, coupling station under relay carrier, left
- T10x 10-pin connector, on immobilizer control unit
- T14a 14-pin connector, in engine compartment
- T80 80-pin connector

- 44 Earth point, lower part of left A-pillar
- B113 Positive (+) connection (30a), in left interior wiring harness
- D95 Connection (injectors), in engine compartment wiring harness

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

Motronic control unit, lambda probe, lambda probe after catalyst, activated charcoal filter system solenoid valve 1

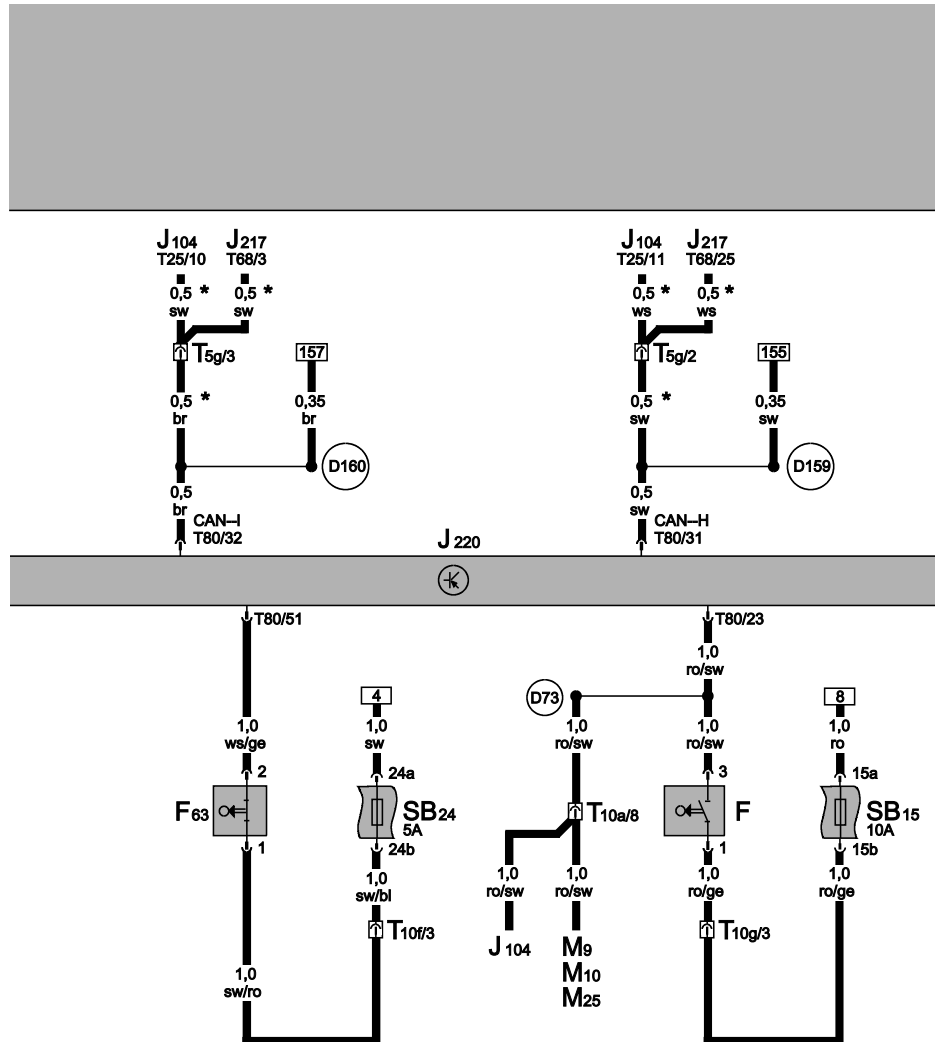
- E35 Air conditioner switch
- G65 High pressure sender
- G39 Lambda probe
- G130 Lambda probe after catalyst
- J293 Radiator fan control unit
- J220 Motronic control unit
- N80 Activated charcoal filter system solenoid valve 1 (pulsed)
- SB1 Fuse -1- on fuse box
- T4e 4-pin connector, near lambda probe
- T6k 6-pin connector, near lambda probe
- T10e 10-pin connector, green, coupling station under relay carrier, left
- T80 80-pin connector
- Z19 Lambda probe heater
- Z29 Lambda probe 1 heater, after catalyst
- D61 Connection (air conditioner), in engine compartment wiring harness
- D80 Positive (+) connection (87a - for activated charcoal filter system solenoid valve), in engine compartment wiring harness



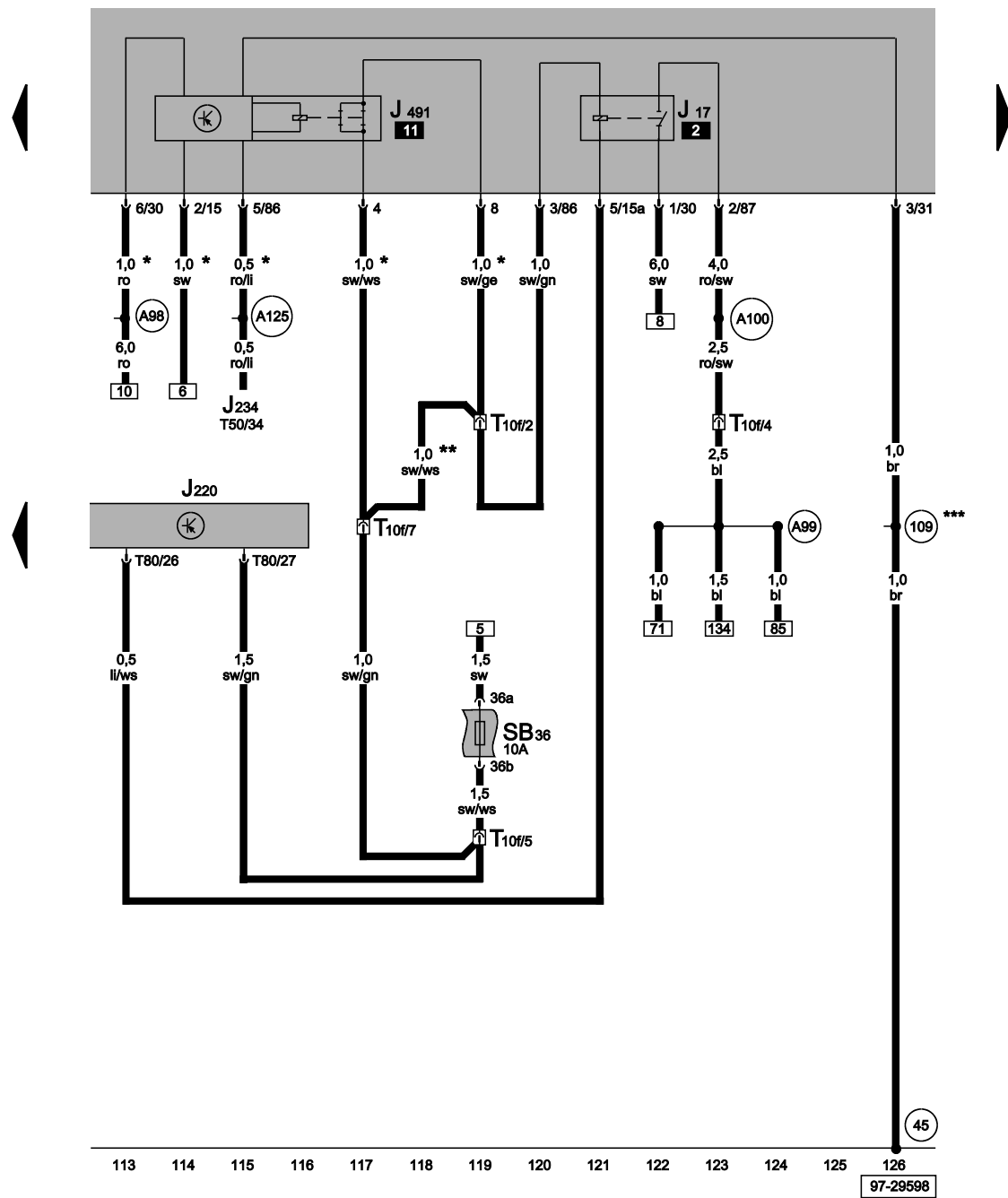
ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink

Motronic control unit, brake light switch, brake pedal switch

- F Brake light switch
- F63 Brake pedal switch
- J104 ABS with EDL control unit
- J217 Automatic gearbox control unit
- J220 Motronic control unit
- M9 Brake light bulb, left
- M10 Brake light bulb, right
- M25 High level brake light bulb
- SB15 Fuse -15- on fuse box
- SB24 Fuse -24- on fuse box
- T5g 5-pin connector, pink, coupling station under relay carrier, left
- T10a 10-pin connector, black, coupling station under relay carrier, left
- T10f 10-pin connector, purple, coupling station under relay carrier, left
- T10g 10-pin connector, red, coupling station under relay carrier, left
- T25 25-pin connector
- T68 68-pin connector
- T80 80-pin connector
- D73 Positive (+) connection (54), in engine compartment wiring harness
- D159 Positive (+) connection (high bus), in interior wiring harness
- D160 Positive (+) connection (low bus), in engine compartment wiring harness
- * Depends on equipment



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



Motronic control unit, fuel pump relay, fuel shut-off control unit (crash)

- J17 Fuel pump relay
- J234 Airbag control unit
- J491 Fuel shut-off control unit (crash)
- J220 Motronic control unit
- SB36 Fuse -36- on fuse box
- T10f 10-pin connector, purple, coupling station under relay carrier, left
- T50 50-pin connector
- T80 80-pin connector

- 45 Earth point, behind dash panel - centre
- 109 Earth connection, in airbag wiring harness
- A98 Positive (+) connection -4- (30), in dash panel wiring harness
- A99 Connection -1- (87), in dash panel wiring harness
- A100 Connection -2- (87), in dash panel wiring harness
- A125 Connection (crash signal), in dash panel wiring harness

- * Only models with airbag
- ** Only models without airbag
- *** Does not apply to models with driver airbag , without window lifter

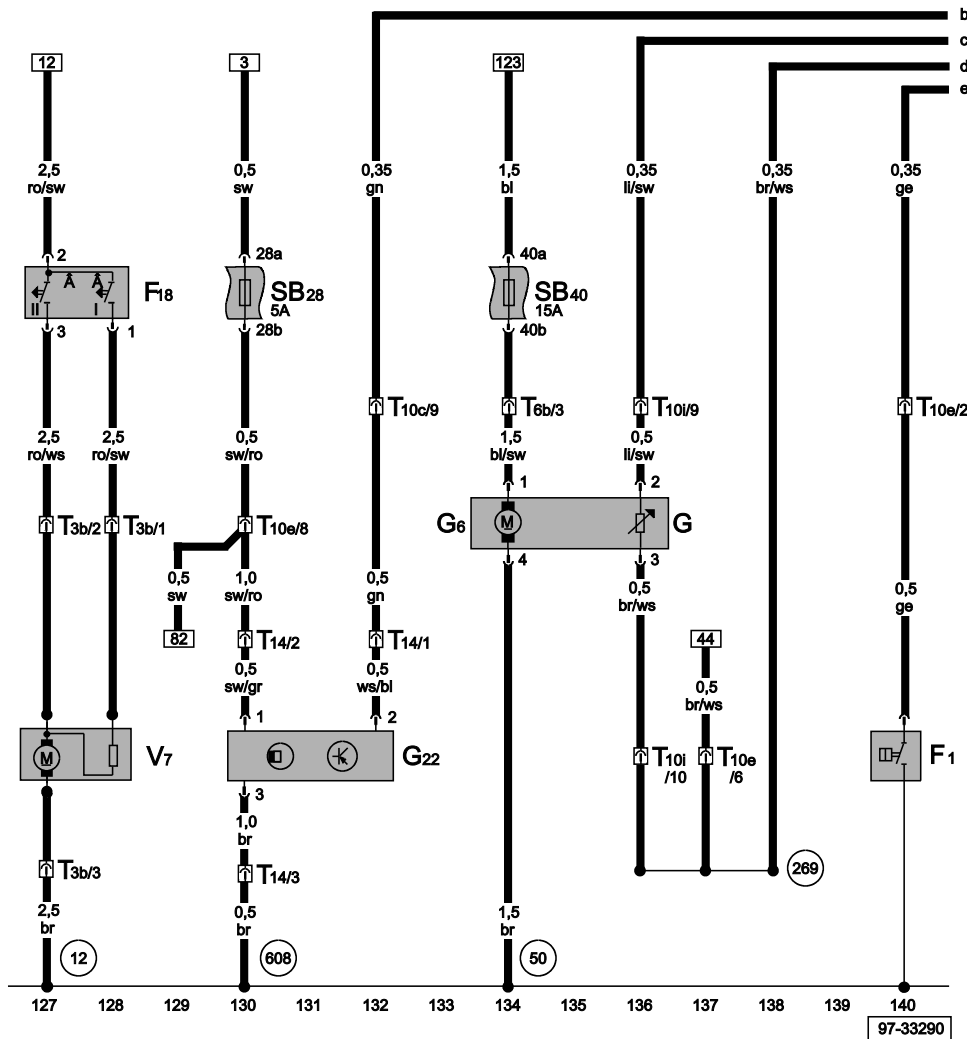
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

Oil pressure switch, fuel pump, speedometer sender, radiator fan, radiator fan thermo-switch, fuel pump, fuel gauge sender

- F1 Oil pressure switch
- F18 Radiator fan thermo-switch
- G Fuel gauge sender
- G6 Fuel pump (pre-supply pump)
- G22 Speedometer sender (Hall sender, on gearbox)
- SB28 Fuse -28- on fuse box
- SB40 Fuse -40- on fuse box
- T3b 3-pin connector, on radiator fan
- T6b 6-pin connector, grey, coupling station under relay carrier, left
- T10c 10-pin connector, brown, coupling station under relay carrier, left
- T10e 10-pin connector, green, coupling station under relay carrier, left
- T10i 10-pin connector, orange, coupling station under relay carrier, left
- T14 14-pin connector, in engine compartment
- V7 Radiator fan

- 12 Earth point, left in engine compartment
- 50 Earth point, on left luggage compartment
- 269 Earth connection (sender earth) -1-, in dash panel wiring harness
- 608 Earth point, in centre of plenum chamber

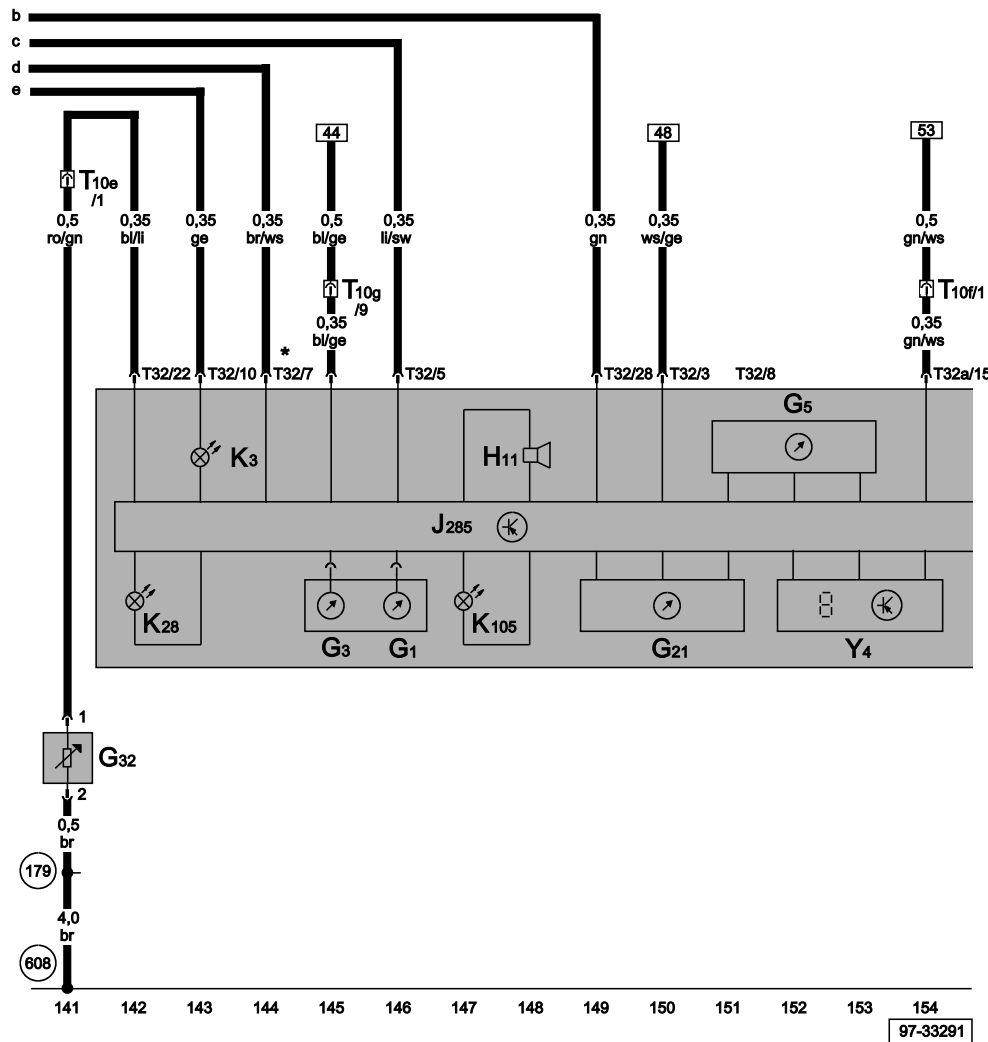
ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink



Control unit with display in dash panel insert, coolant shortage indicator sender, oil pressure warning lamp

- G1 Fuel gauge
- G3 Coolant temperature gauge
- G5 Rev. counter
- G21 Speedometer
- G32 Coolant shortage indicator sender
- H11 Oil pressure warning buzzer
- J285 Control unit with display in dash panel insert
- K3 Oil pressure warning lamp
- K28 Coolant temperature/coolant shortage warning lamp
- K105 Reserve fuel warning lamp
- T10e 10-pin connector, green, coupling station under relay carrier, left
- T10f 10-pin connector, purple, coupling station under relay carrier, left
- T10g 10-pin connector, red, coupling station under relay carrier, left
- T32 32-pin connector, blue, on dash panel insert
- T32a 32-pin connector, green, on dash panel insert
- Y4 Odometer display

- 179 Earth connection, in left headlight wiring harness
- 608 Earth point, in centre of plenum chamber
- * Output for signal earth

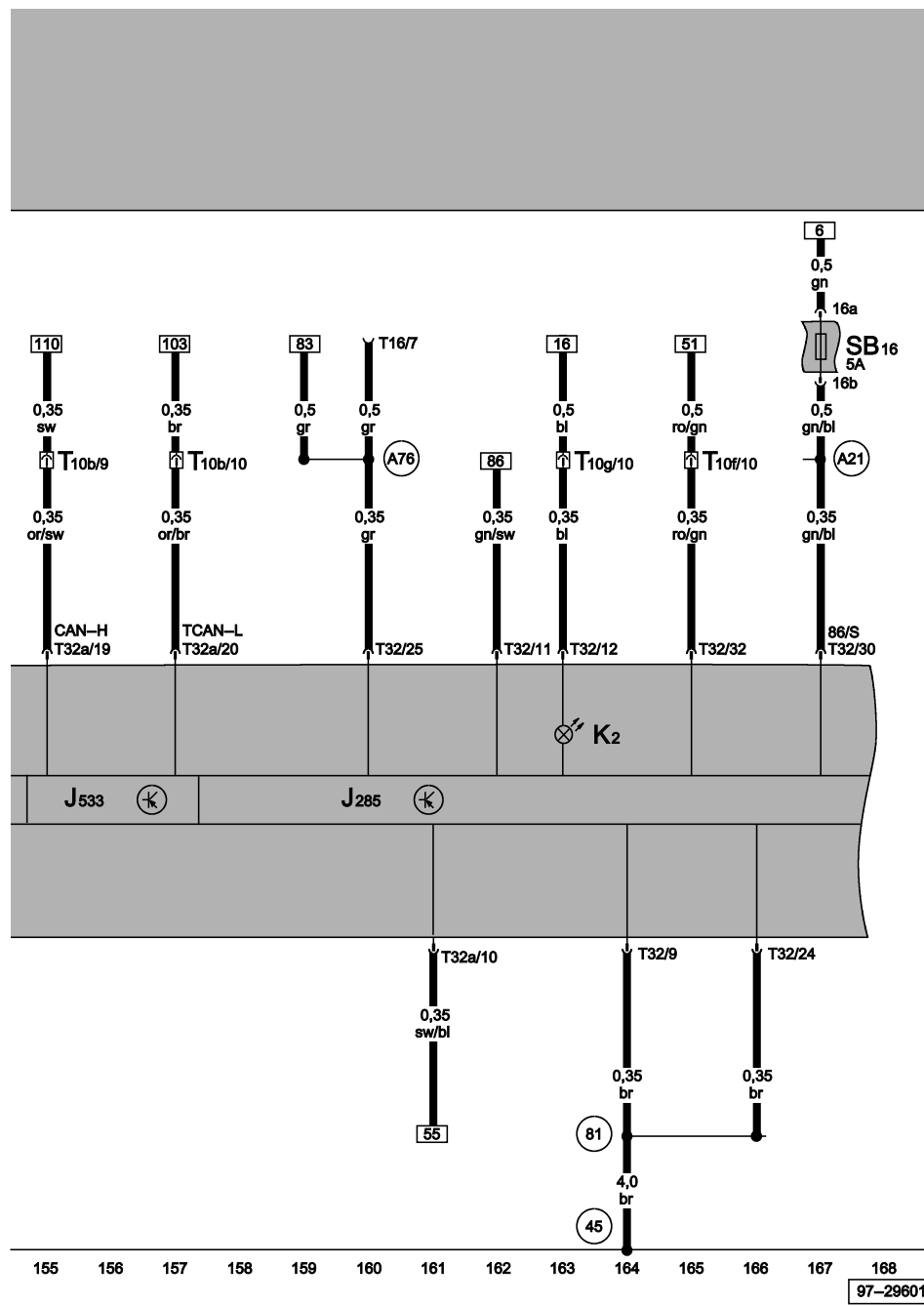


- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

Control unit with display in dash panel insert, diagnostic connector, alternator warning lamp, data bus diagnostic interface

- J285 Control unit with display in dash panel insert
- J533 Data bus diagnostic interface
- K2 Alternator warning lamp
- SB16 Fuse -16- on fuse box
- T10b 10-pin connector, white, coupling station under relay carrier, left
- T10f 10-pin connector, purple, coupling station under relay carrier, left
- T10g 10-pin connector, red, coupling station under relay carrier, left
- T16 16-pin connector, diagnostic connector
- T32 32-pin connector, blue, on dash panel insert
- T32a 32-pin connector, green, on dash panel insert

- 45 Earth point, behind dash panel - centre
- 81 Earth connection -1-, in dash panel wiring harness
- A21 Connection (86s), in dash panel wiring harness
- A76 Connection (diagnosis wire K), in dash panel wiring harness



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

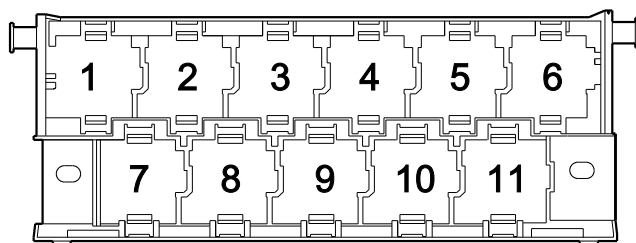
Air conditioner

- ⇒ 1.4 l/44 kW Motronic, engine codes AUD
- ⇒ 1,4 l/44 kW MPI-RSH, engine codes AKK, ANW
- ⇒ 1.4 l/55 kW - 4LV, engine codes APE, AUA
- ⇒ 1.6 l Simos/74 kW, engine codes APF, AUR

From May 2000

For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.

Relay locations on relay plate:



97-22850

5 - X contact relief relay



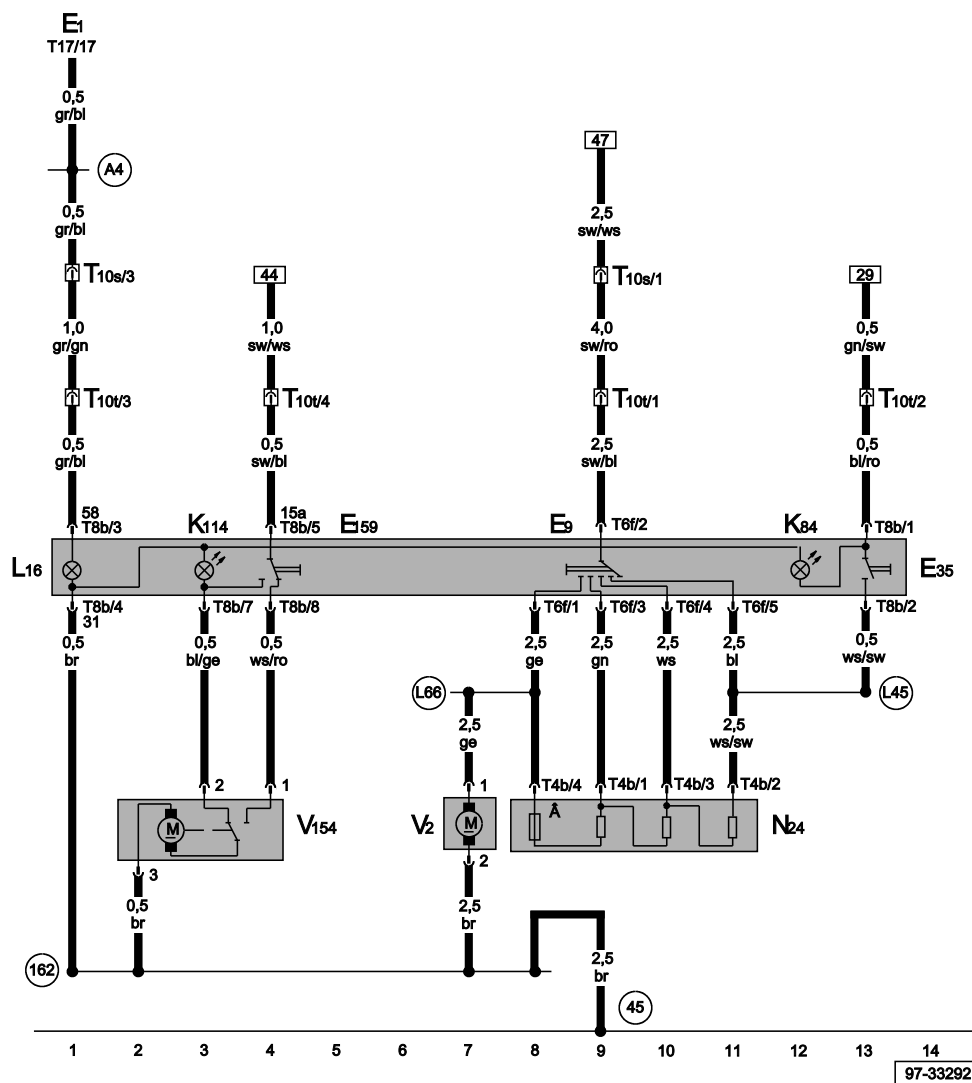
Note:

- ♦ The number in brackets behind the part designation denotes the control number on the housing.

Fuse colours

- 30 A - green
- 25 A - white
- 20 A - yellow
- 15 A - blue
- 10 A - red
- 7.5 A - brown

5 A - beige
3 A - purple



Fresh air blower switch, air conditioner switch, fresh air/air recirculating flap switch, fresh air blower, fresh/recirculating air flap control motor

- E1 Light switch
- E9 Fresh air blower switch
- E35 Air conditioner switch
- E159 Fresh air/air recirculating flap switch
- K84 Air conditioning system warning lamp
- K114 Fresh air/air recirculation warning lamp
- L16 Fresh air control light bulb
- N24 Fresh air blower with overheating fuse series resistor
- T4b 4-pin connector, on fresh air blower series resistor
- T6f 6-pin connector, on fresh air blower switch
- T8b 8-pin connector, on fresh air blower switch
- T10s 10-pin connector, on radiator fan control unit
- T10t 10-pin connector, coupling station under relay carrier, left
- V2 Fresh air blower
- V154 Fresh air/recirculated air flap control motor

- 45 Earth point, behind dash panel - centre
- 162 Earth connection, in blower motor wiring harness
- A4 Positive (+) connection (58b), in dash panel wiring harness
- L45 Connection, in air conditioner controls wiring harness
- L66 Connection, in heater blower wiring harness

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

Radiator fan control unit, air conditioner magnetic coupling, radiator fan, radiator fan, right

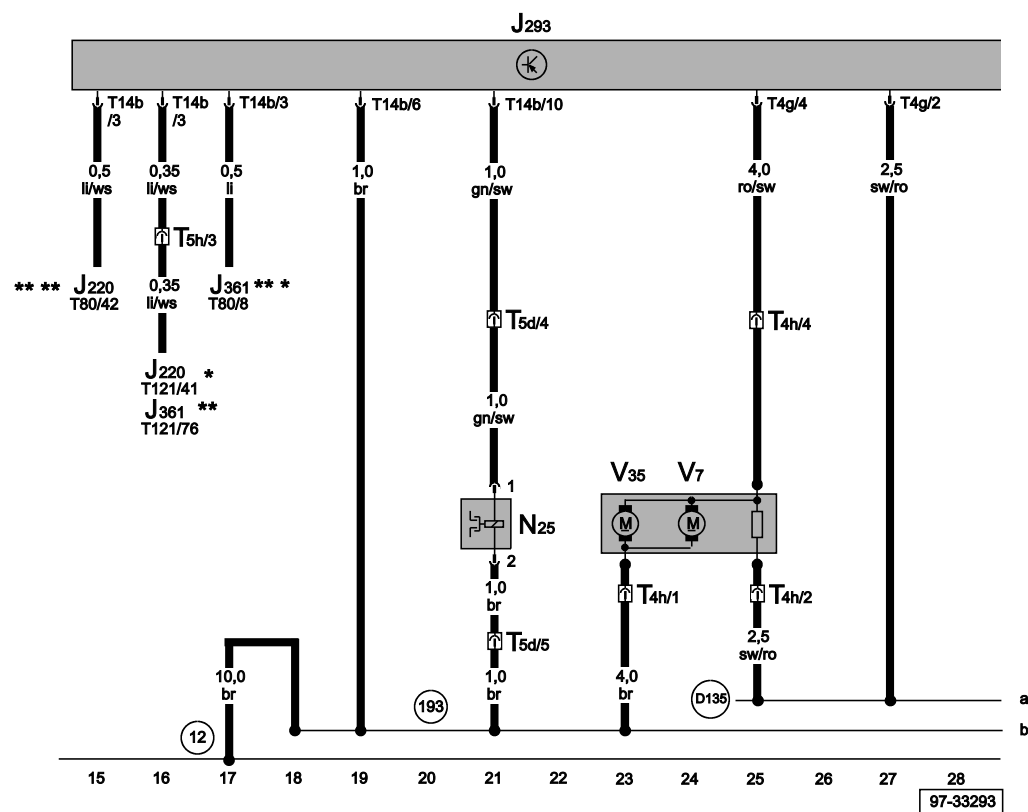
- J220 Motronic control unit
- J293 Radiator fan control unit, in engine compartment, front left
- J361 Simos control unit
- N25 Air conditioning system magnetic coupling
- T4g 4-pin connector, on radiator fan control unit
- T4h 4-pin connector, on radiator fan
- T5d 5-pin connector, in engine compartment, near gearbox
- T5h 5-pin connector, brown, coupling station under relay carrier, left
- T14b 14-pin connector, on radiator fan control unit
- T80 80-pin connector
- T121 121-pin connector
- V7 Radiator fan
- V35 Radiator fan, right

12 Earth point, left in engine compartment

193 Earth connection -1-, in radiator fan wiring harness

D135 Connection (1st fan speed), in engine - headlight wiring harness

- * Only for engine codes APE, AQQ, AUA
- ** Only for engine codes APF
- *** Only for engine codes AKL, AEH
- **** Only for engine codes AKK, ANW



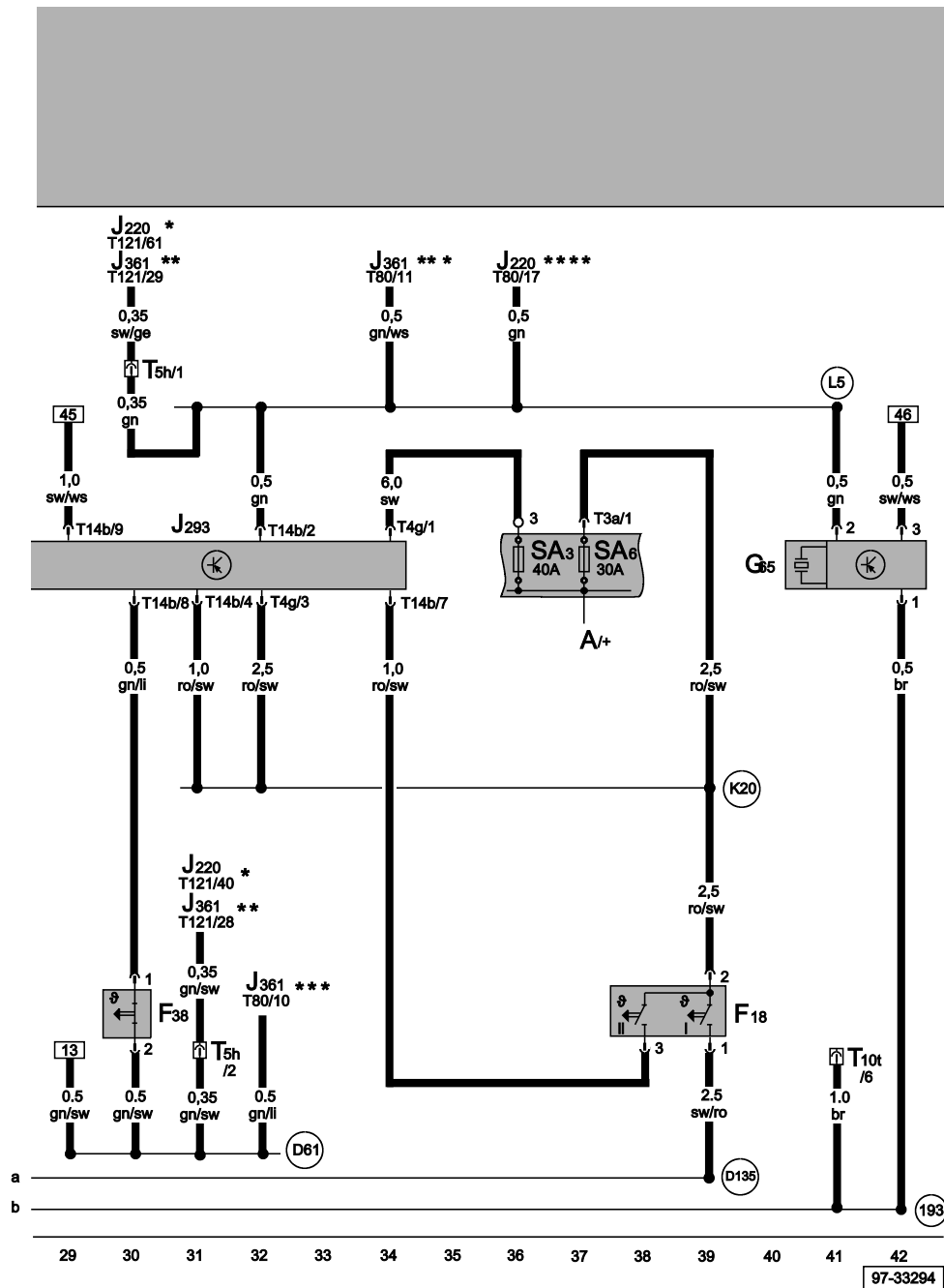
ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink

Radiator fan control unit, ambient temperature switch, radiator fan thermo-switch, high pressure sender

- A Battery
- F18 Radiator fan thermo-switch
- F38 Ambient temperature switch
- G65 High pressure sender
- J220 Motronic control unit
- J293 Radiator fan control unit
- J361 Simos control unit
- SA3 Fuse -3- on battery fuse box
- SA6 Fuse -6- on battery fuse box
- T3a 3-pin connector, on battery fuse box
- T4g 4-pin connector, on radiator fan control unit
- T5h 5-pin connector, brown, coupling station under relay carrier, left
- T10t 10-pin connector, coupling station under relay carrier, left
- T14b 14-pin connector, on radiator fan control unit
- T80 80-pin connector
- T121 121-pin connector

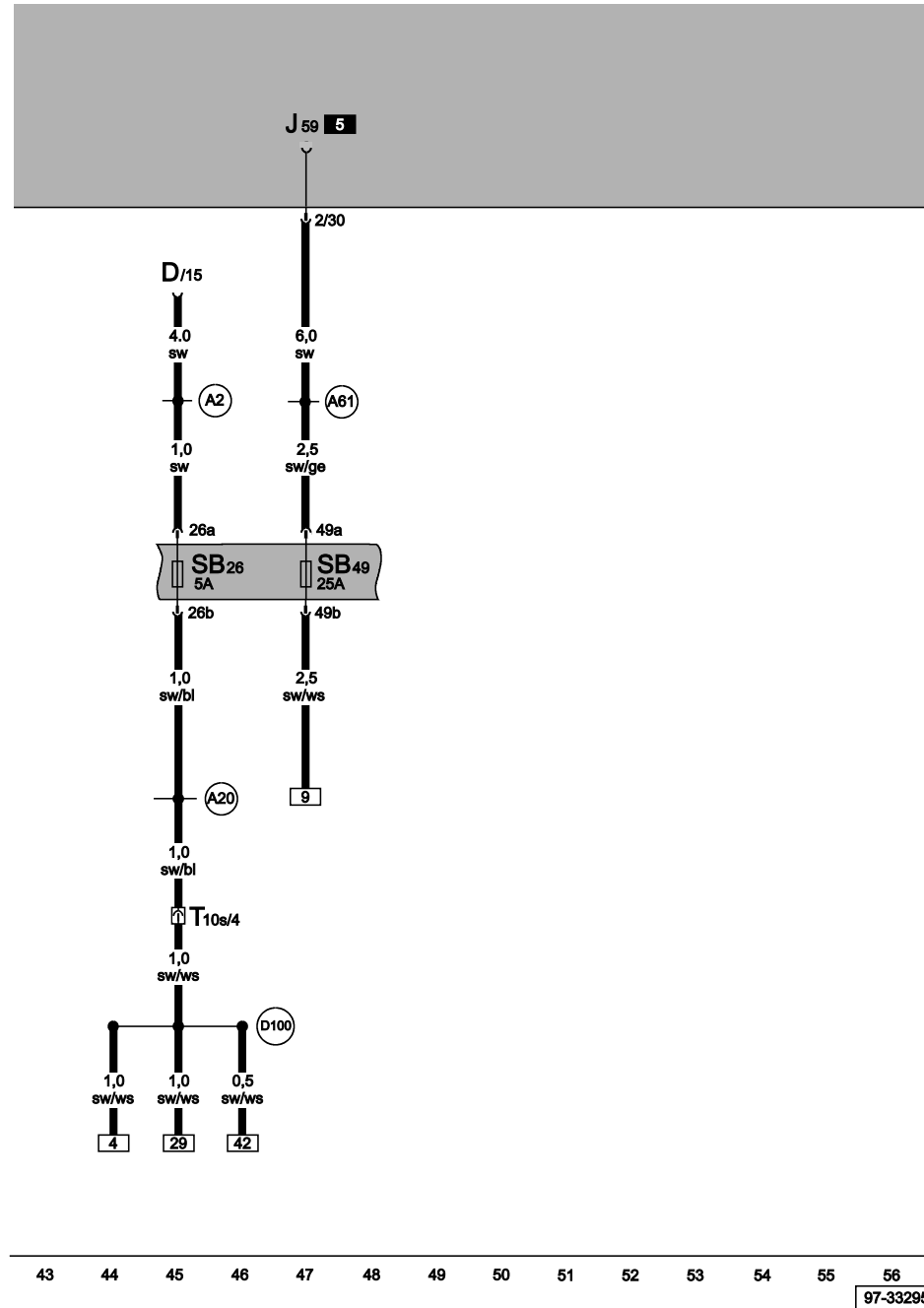
- 193 Earth connection -1-, in radiator fan wiring harness
- D61 Connection (air conditioner), in engine compartment wiring harness
- D135 Connection (1st fan speed), in engine - headlight wiring harness
- K20 Positive (+) connection -1- (30), in radiator fan wiring harness
- L5 Connection -1-, in air conditioner wiring harness
- * Only for engine codes APE, AQQ, AUA
- ** Only for engine codes APF
- *** Only for engine codes AKL, AEH
- **** Only for engine codes AKK, ANW

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



Fuses

- D Ignition/starter switch
- J59 X contact relief relay
- SB26 Fuse -26- on fuse box
- SB49 Fuse -49- on fuse box
- T10s 10-pin connector, on radiator fan control unit
- A2 Positive (+) connection (15), in dash panel wiring harness
- A20 Positive (+) connection (15a), in dash panel wiring harness
- A61 Positive (+) connection (X), in dash panel wiring harness
- D100 Positive (+) connection -2- (15), in engine compartment wiring harness



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 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink

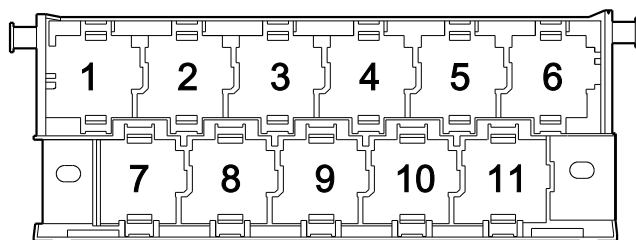
Air conditioner

- ⇒ 1.9 I/50 kW SDI, engine codes AGP, AQM
- ⇒ 1.9 I/66 kW turbo-diesel engine, engine codes AGR, ALH
- ⇒ 1.9 I TDI/81kW, engine codes ASK, ASV

From May 2000

For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.

Relay locations on relay plate:



97-22850

1 - Radiator fan run-on control unit

5 - X contact relief relay



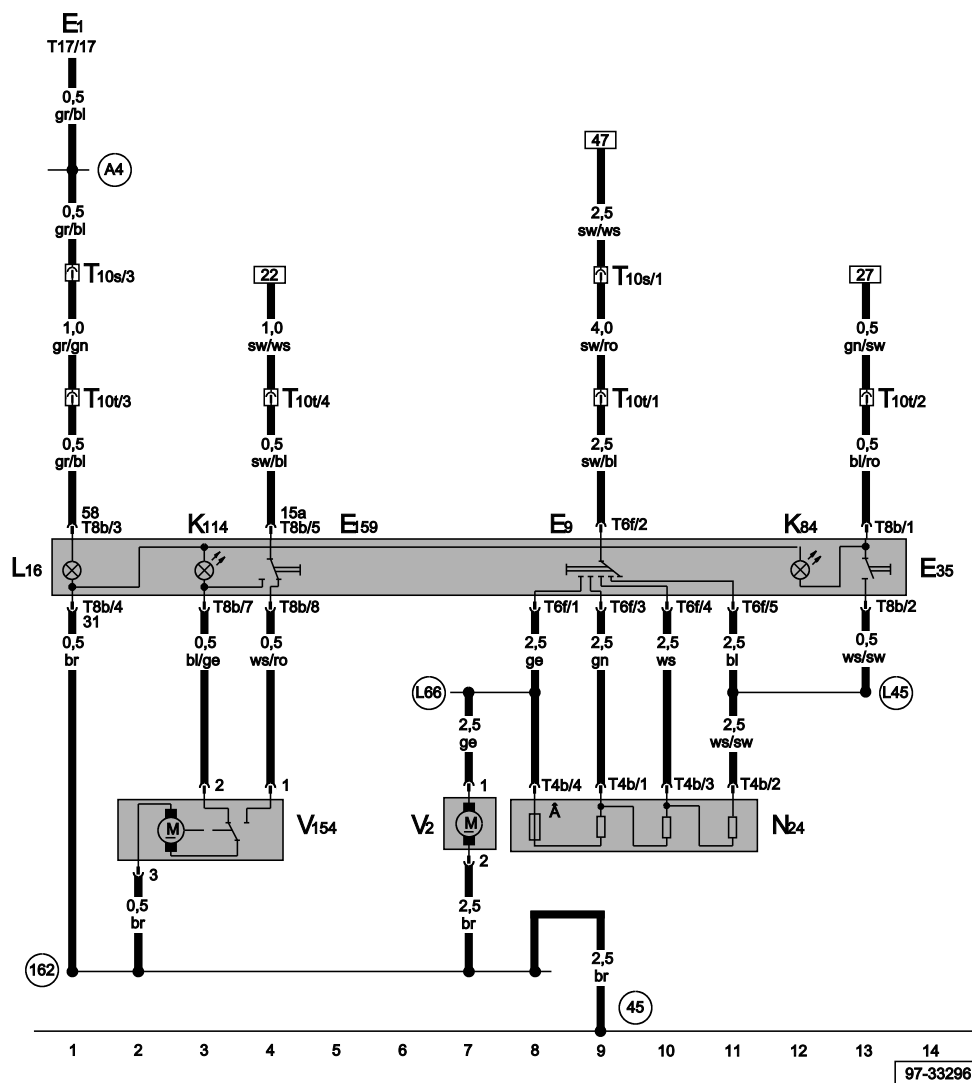
Note:

♦ The number in brackets behind the part designation denotes the control number on the housing.

Fuse colours

- 30 A - green
- 25 A - white
- 20 A - yellow
- 15 A - blue
- 10 A - red
- 7.5 A - brown
- 5 A - beige

3 A - purple



Fresh air blower switch, air conditioner switch, fresh air/air recirculating flap switch, fresh air blower, fresh/recirculating air flap control motor

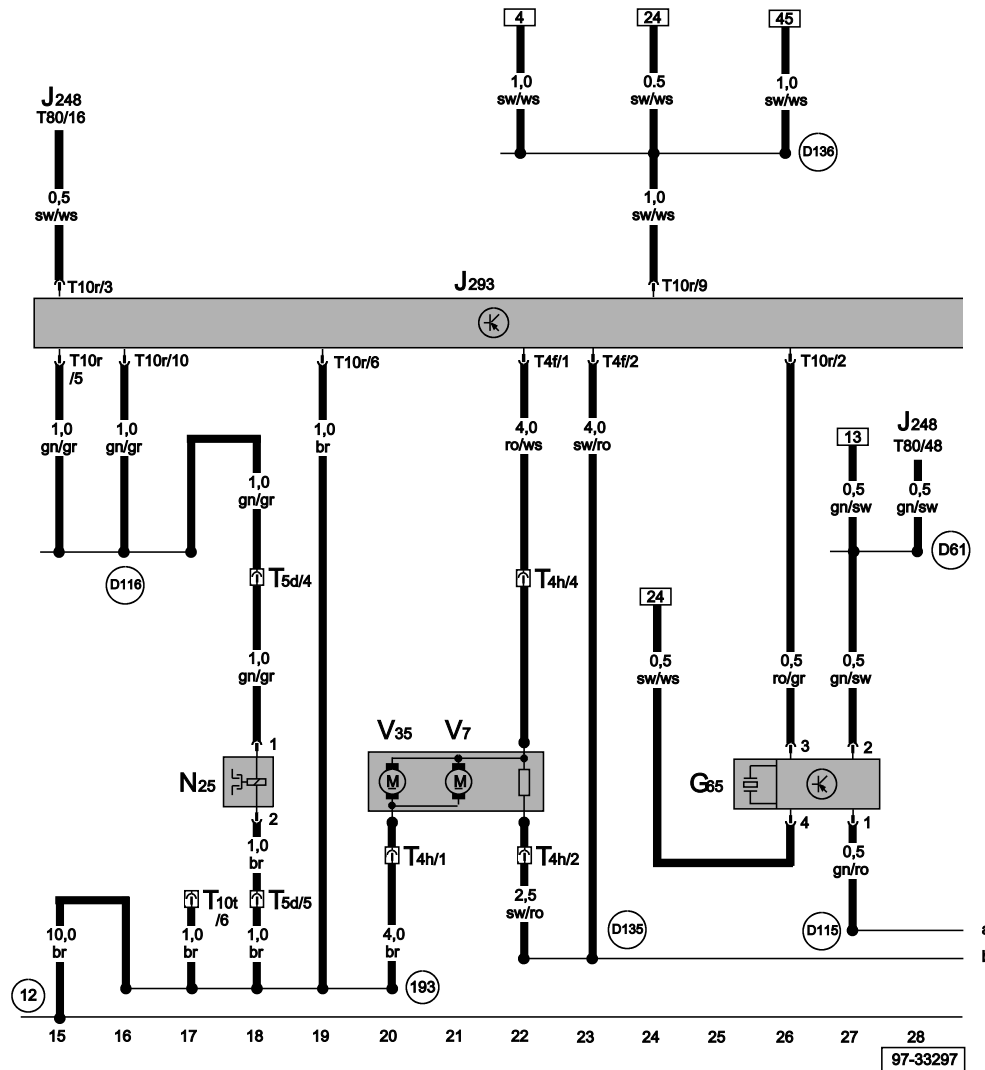
- E1 Light switch
- E9 Fresh air blower switch
- E35 Air conditioner switch
- E159 Fresh air/air recirculating flap switch
- K84 Air conditioning system warning lamp
- K114 Fresh air/air recirculation warning lamp
- L16 Fresh air control light bulb
- N24 Fresh air blower with overheating fuse series resistor
- T4b 4-pin connector, on fresh air blower series resistor
- T6f 6-pin connector, on fresh air blower switch
- T8b 8-pin connector, on fresh air blower switch
- T10s 10-pin connector, on radiator fan control unit
- T10t 10-pin connector, coupling station under relay carrier, left
- T17 17-pin connector, on light switch
- V2 Fresh air blower
- V154 Fresh air/recirculated air flap control motor

- 45 Earth point, behind dash panel - centre
- 162 Earth connection, in blower motor wiring harness
- A4 Positive (+) connection (58b), in dash panel wiring harness
- L45 Connection, in air conditioner controls wiring harness
- L66 Connection, in heater blower wiring harness

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

Radiator fan control unit, air conditioner magnetic coupling, radiator fan, radiator fan, right, high pressure sender

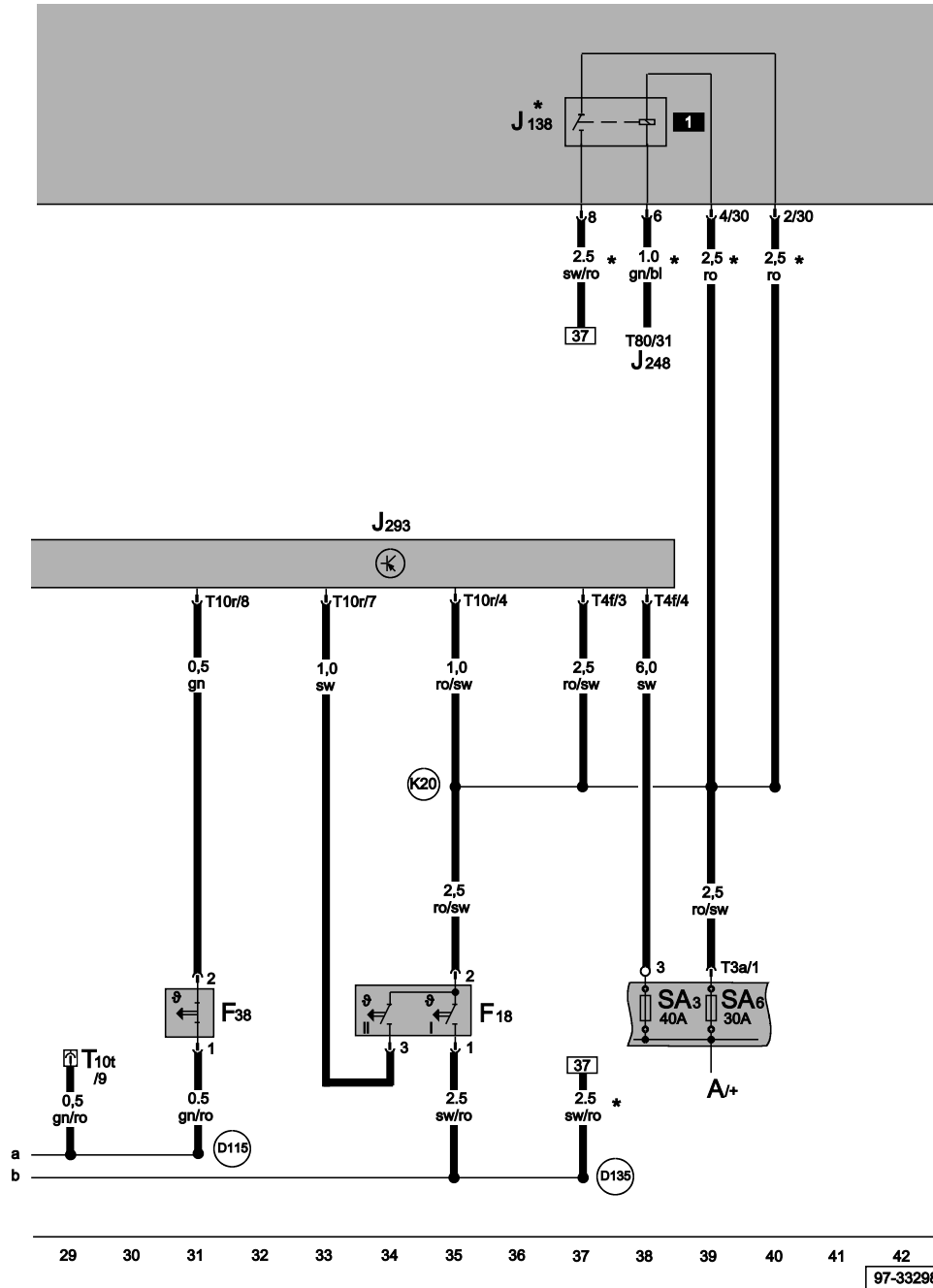
- G65 High pressure sender
- J248 Diesel direct injection system control unit
- J293 Radiator fan control unit, in engine compartment, front left
- N25 Air conditioning system magnetic coupling
- T4f 4-pin connector, on radiator fan control unit
- T4h 4-pin connector, on radiator fan
- T5d 5-pin connector, in engine compartment, near gearbox
- T10r 10-pin connector, on radiator fan control unit
- T10t 10-pin connector, coupling station under relay carrier, left
- T80 80-pin connector
- V7 Radiator fan
- V35 Radiator fan, right
- 12 Earth point, left in engine compartment
- 193 Earth connection -1-, in radiator fan wiring harness
- D61 Connection (air conditioner), in engine compartment wiring harness
- D115 Connection -13-, in engine compartment wiring harness
- D116 Connection -14-, in engine compartment wiring harness
- D135 Connection (1st fan speed), in engine - headlight wiring harness
- D136 Positive (+) connection -2- (15a), in engine compartment wiring harness



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 or = orange
 rs = pink

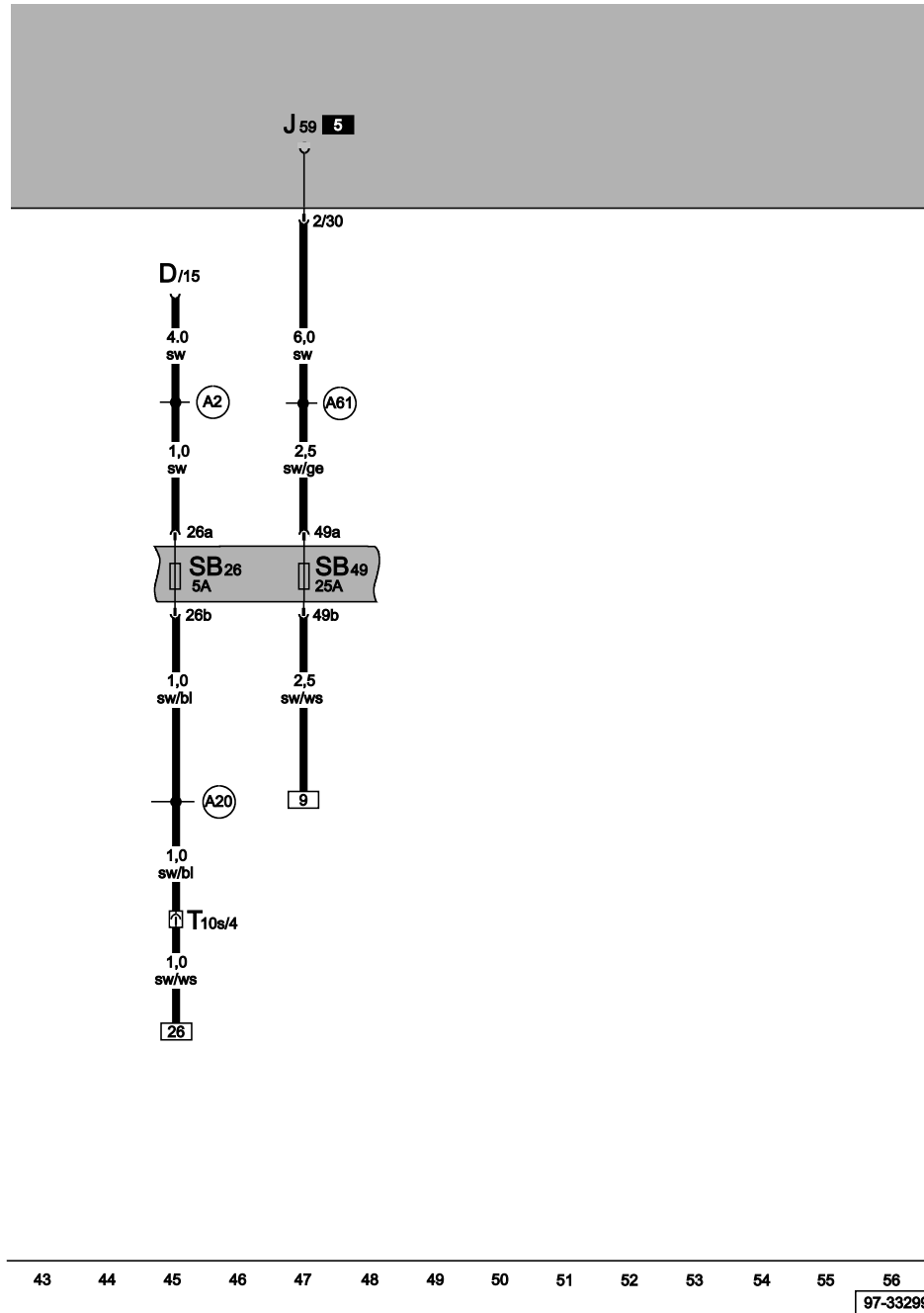
Radiator fan control unit, ambient temperature switch, radiator fan thermo-switch, high pressure sender

- A Battery
- F18 Radiator fan thermo-switch
- F38 Ambient temperature switch
- J138 Radiator fan run-on control unit
- J248 Diesel direct injection system control unit
- J293 Radiator fan control unit
- SA3 Fuse -3- on battery fuse box
- SA6 Fuse -6- on battery fuse box
- T3a 3-pin connector, on battery fuse box
- T4f 4-pin connector, on radiator fan control unit
- T10r 10-pin connector, on radiator fan control unit
- T10t 10-pin connector, coupling station under relay carrier, left
- T80 80-pin connector
- D115 Connection -13-, in engine compartment wiring harness
- D135 Connection (1st fan speed), in engine - headlight wiring harness
- K20 Positive (+) connection -1- (30), in radiator fan wiring harness
- * Only for engine codes ASK, ASV



Fuses

- D Ignition/starter switch
- J59 X contact relief relay
- SB26 Fuse -26- on fuse box
- SB49 Fuse -49- on fuse box
- T10s 10-pin connector, coupling station under relay carrier, left
- A2 Positive (+) connection (15), in dash panel wiring harness
- A20 Positive (+) connection (15a), in dash panel wiring harness
- A61 Positive (+) connection (X), in dash panel wiring harness



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 or = orange
 rs = pink

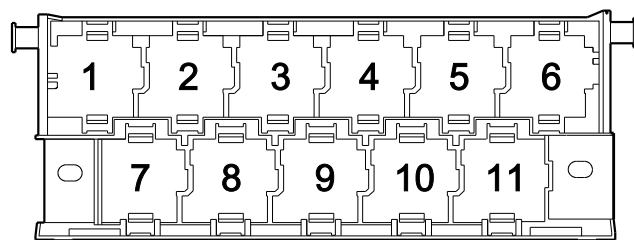
Airbags system

- ⇒ Driver's and front passenger's airbag
- ⇒ Side airbags
- ⇒ Belt tensioners

From May 2001

For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.

Relay locations on the 11 position relay carrier:



97-22850

11 - Fuel shut- off control unit (405)

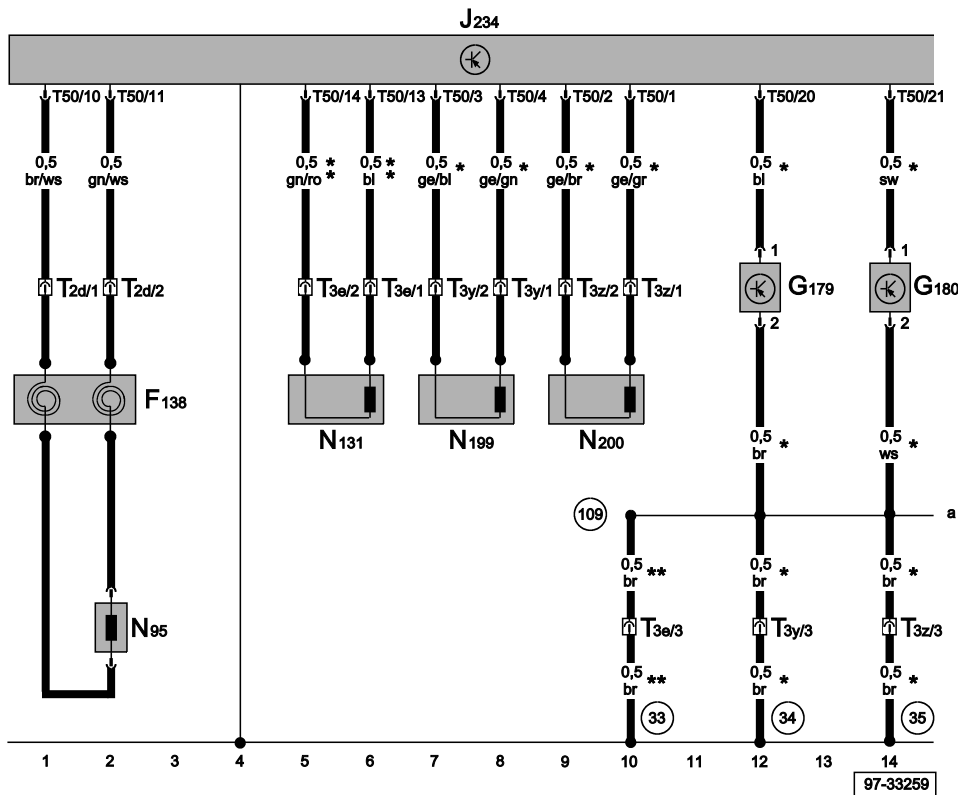


Note:

- ♦ The number in brackets behind the part designation denotes the control number on the housing.

Fuse colours

- 30 A - green
- 25 A - white
- 20 A - yellow
- 15 A - blue
- 10 A - red
- 7.5 A - brown
- 5 A - beige
- 3 A - purple



Airbag control unit, airbag coil connector, return spring with slip ring, side airbag crash sensor, driver's side, side airbag crash sensor, front passenger's side

- F138 Airbag coil connector, return spring with slip ring
- G179 Side airbag crash sensor, driver's side
- G180 Side airbag crash sensor, front passenger's side
- J234 Airbag control unit
- N95 Airbag igniter, driver's side
- N131 Airbag igniter 1, front passenger's side
- N199 Side airbag igniter, driver's side
- N200 Side airbag igniter, front passenger's side
- T2d 2-pin connector, yellow, in steering wheel
- T3e 3-pin connector, behind glove box
- T3y 3-pin connector, yellow, in driver's seat
- T3z 3-pin connector, yellow, in front passenger's side
- T50 50-pin connector

33 Earth point, on right behind dash panel

34 Earth point, under driver's seat

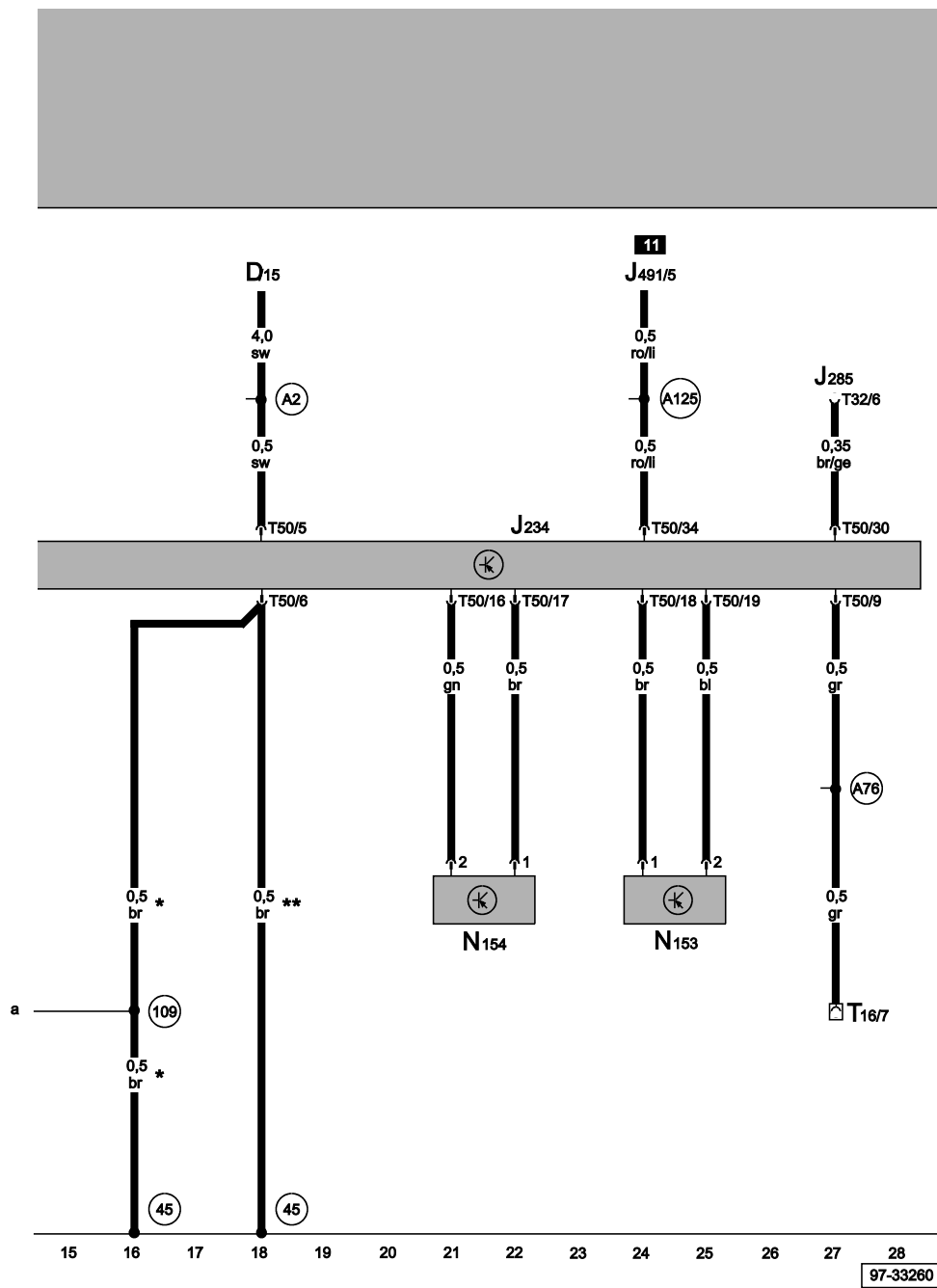
35 Earth point, under front passenger's seat

109 Earth connection, in airbag wiring harness

* Only models with side airbag

** Only models with airbag - front passenger's side

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



Airbag control unit, belt tensioner igniter -1-, driver's side, belt tensioner igniter -1-, front passenger's side

- D Ignition/starter switch
- J234 Airbag control unit
- J285 Control unit with display in dash panel insert
- J491 Fuel shut-off control unit (crash)
- N153 Belt tensioner igniter -1-, driver's side
- N154 Belt tensioner igniter -1-, front passenger's side
- T16 16-pin connector, diagnostic connector
- T32 32-pin connector, blue, on dash panel insert
- T50 50-pin connector

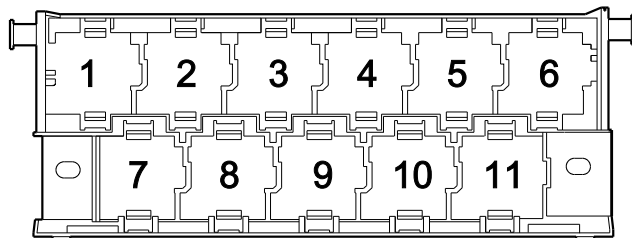
- 45 Earth point, behind dash panel - centre
- 109 Earth connection, in airbag wiring harness
- A2 Positive (+) connection (15), in dash panel wiring harness
- A76 Connection (diagnosis wire K), in dash panel wiring harness
- A125 Connection (crash signal), in dash panel wiring harness
- * Only models with airbag - front passenger's side/side airbag
- ** Only models without airbag - front passenger's side/side airbag

Four-speed automatic gearbox (AG4)

From May 2001

For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.

Relay locations on relay plate:



97-22850

3 - Starter inhibitor relay (175)

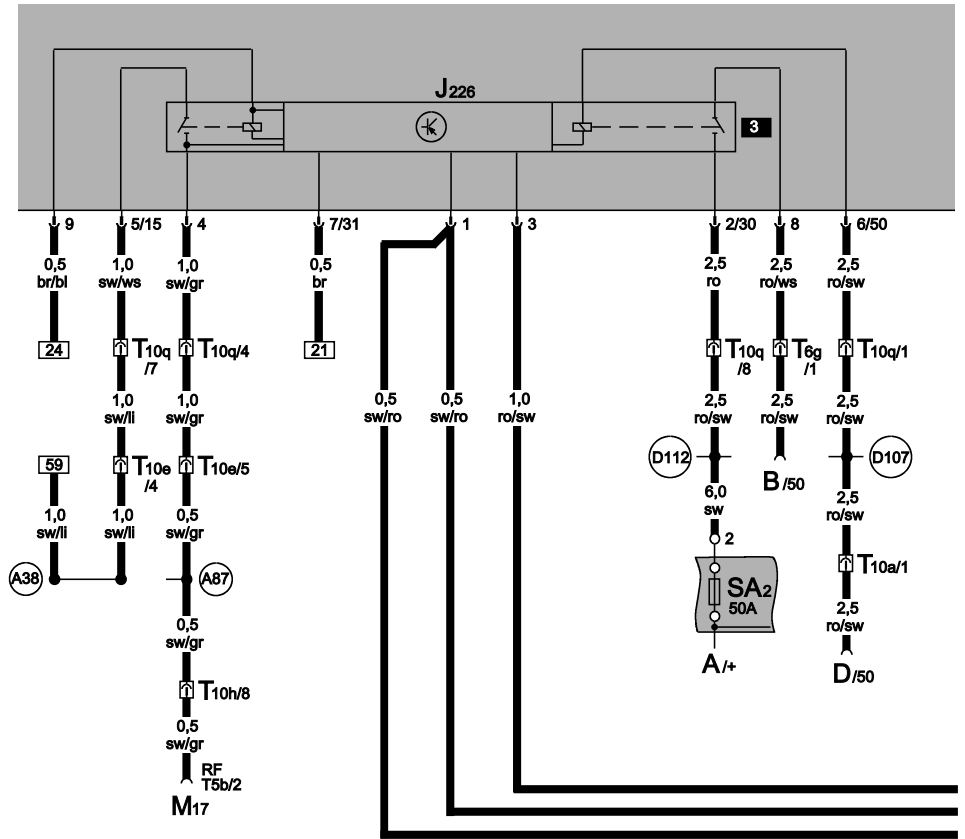


Note:

♦ The number in brackets behind the part designation denotes the control number on the housing.

Fuse colours

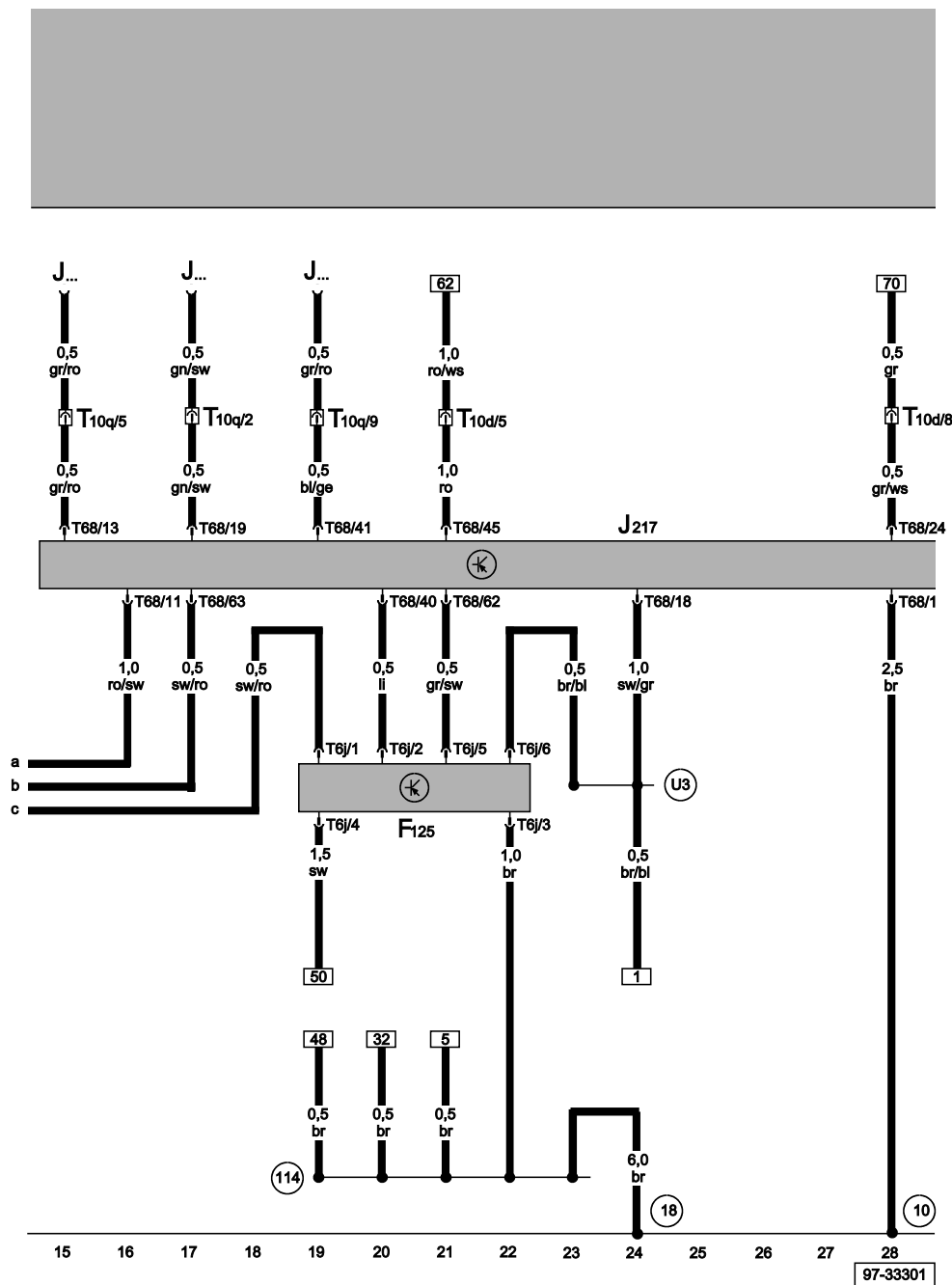
30 A - green
 25 A - white
 20 A - yellow
 15 A - blue
 10 A - red
 7.5 A - brown
 5 A - beige
 3 A - purple



Starter inhibitor and reversing light relay

- A Battery
- B Starter
- D Ignition/starter switch
- J226 Starter inhibitor and reversing light relay
- M17 Reversing light bulb, right
- SA2 Fuse -2- on battery fuse box
- T5b 5-pin connector, on right tail light
- T6g 6-pin connector, coupling station under relay carrier, left
- T10a 10-pin connector, black, coupling station under relay carrier, left
- T10e 10-pin connector, green, coupling station under relay carrier, left
- T10h 10-pin connector, light green, coupling station under relay carrier, left
- T10q 10-pin connector, blue, coupling station under relay carrier, left
- A38 Positive (+) connection -2- (15a), in dash panel wiring harness
- A87 Connection (reversing light), in dash panel wiring harness
- D107 Connection -5-, in engine compartment wiring harness
- D112 Connection -10-, in engine compartment wiring harness

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



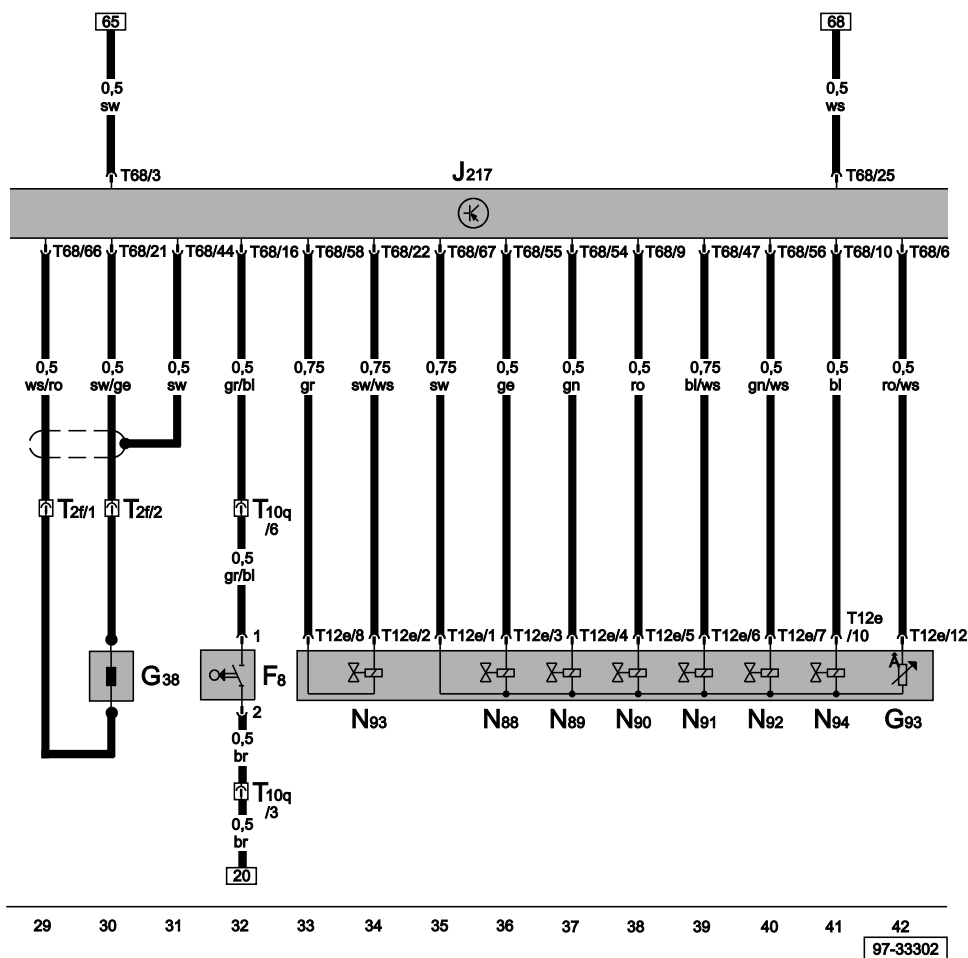
Automatic gearbox control unit, multi-function switch

- F125 Multi-function switch
- J... Engine control units
- J217 Automatic gearbox control unit
- T6j 6-pin connector, on multi-function switch
- T10d 10-pin connector, pink, coupling station under relay carrier, left
- T10q 10-pin connector, blue, coupling station under relay carrier, left
- T68 68-pin connector, on automatic gearbox control unit
- 10 Earth point, in plenum chamber
- 18 Earth point, on cylinder block
- 114 Earth connection, in automatic gearbox wiring harness
- U3 Connection -1-, in automatic gearbox wiring harness

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

Automatic gearbox control unit, solenoid valve, gearbox speed sender, gearbox oil temperature sender

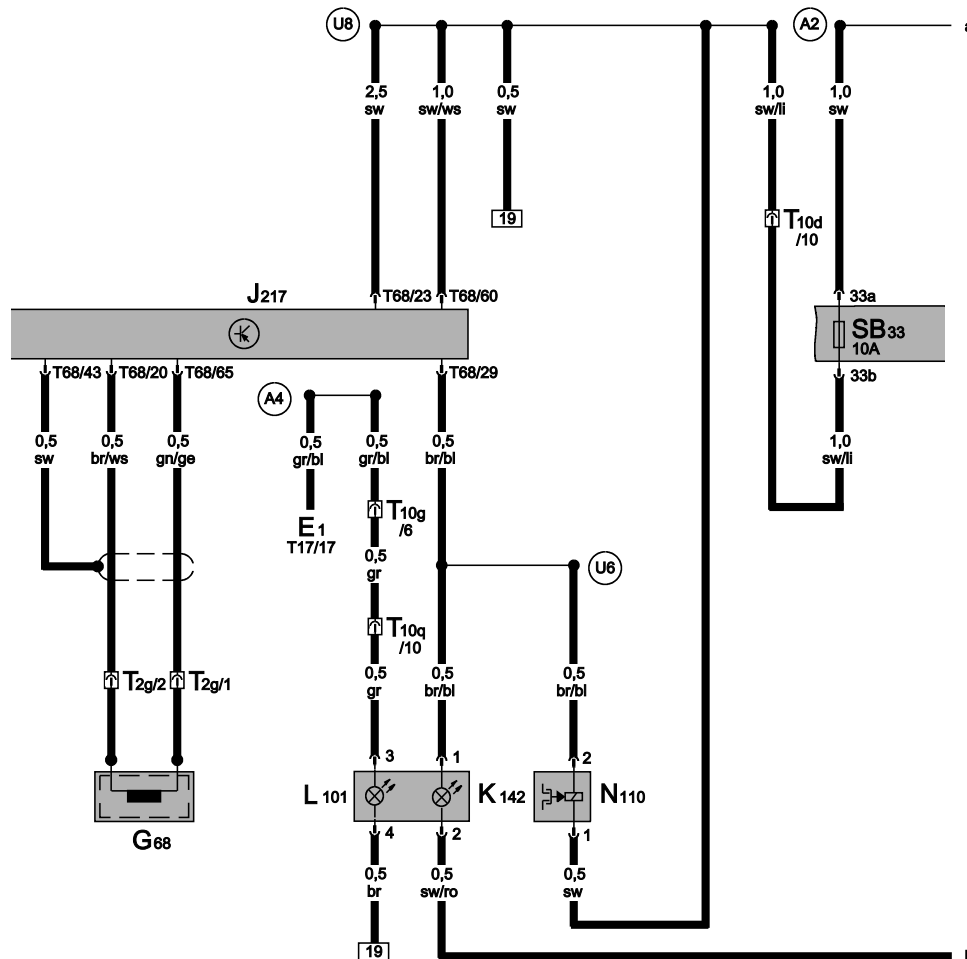
- F8 Kick-down switch
- G38 Gearbox speed sender
- G93 Gearbox oil temperature sender
- J217 Automatic gearbox control unit
- N88 Solenoid valve 1
- N89 Solenoid valve 2
- N90 Solenoid valve 3
- N91 Solenoid valve 4
- N92 Solenoid valve 5
- N93 Solenoid valve 6
- N94 Solenoid valve 7
- T2f 2-pin connector, on gearbox
- T10q 10-pin connector, blue, coupling station under relay carrier, left
- T12e 12-pin connector, on gearbox
- T68 68-pin connector, on automatic gearbox control unit



Automatic gearbox control unit, vehicle speed sender, selector lever lock solenoid

- E1 Light switch
- G68 Vehicle speed sender
- J217 Automatic gearbox control unit
- K142 Selector lever position P/N warning lamp
- L101 Selector lever display illumination
- N110 Selector lever lock solenoid
- SB33 Fuse -33- on fuse box
- T2g 2-pin connector, near gearbox speed sender
- T10d 10-pin connector, pink, coupling station under relay carrier, left
- T10g 10-pin connector, red, coupling station under relay carrier, left
- T10q 10-pin connector, blue, coupling station under relay carrier, left
- T17 17-pin connector, on light switch
- T68 68-pin connector, on automatic gearbox control unit

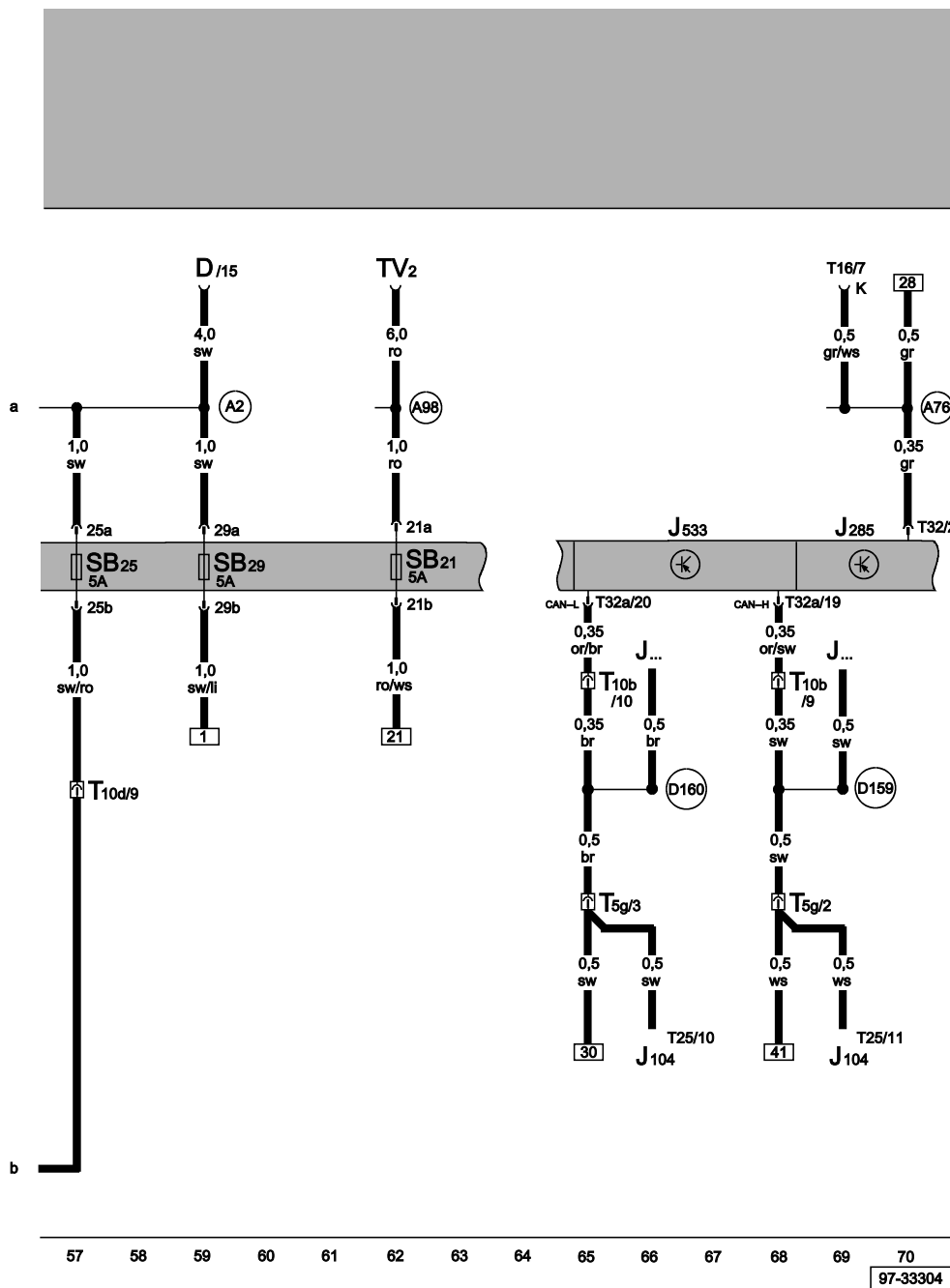
- A2 Positive (+) connection (15), in dash panel wiring harness
- A4 Positive (+) connection (58b), in dash panel wiring harness
- U6 Connection -2-, in automatic gearbox wiring harness
- U8 Connection (15a), in automatic gearbox wiring harness



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

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

97-33303



Fuses, data bus diagnostic interface

- D Ignition/starter switch
- J... Engine control units
- J104 ABS with EDL control unit
- J285 Control unit with display in dash panel insert
- J533 Data bus diagnostic interface
- SB21 Fuse -21- on fuse box
- SB25 Fuse -25- on fuse box
- SB29 Fuse -29- on fuse box
- TV2 Terminal 30 junction box
- T5g 5-pin connector, pink, coupling station under relay carrier, left
- T10b 10-pin connector, white, coupling station under relay carrier, left
- T10d 10-pin connector, white, in protective housing for connectors, on left in plenum chamber
- T16 16-pin connector, diagnostic connector
- T25 25-pin connector
- T32 32-pin connector, blue, on dash panel insert
- T32a 32-pin connector, green, on dash panel insert

- A2 Positive (+) connection (15), in dash panel wiring harness
- A76 Connection (diagnosis wire K), in dash panel wiring harness
- A98 Positive (+) connection -4- (30), in dash panel wiring harness
- D159 Connection (high bus), in engine compartment wiring harness
- D160 Connection (low bus), in engine compartment wiring harness

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

1.9 l/50 kW naturally aspirated diesel engine, engine codes AGP, AQM

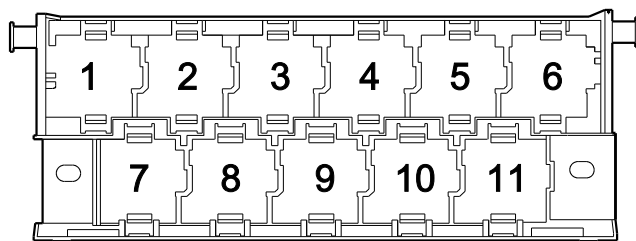
From May 2001

1.9 l/50 kW naturally aspirated diesel engine, engine codes AQM, From May 2001

For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.

Relay for coolant heater elements

Relay locations on relay plate:



97-22850

2 - Glow plug relay (103)

7 - Terminal 30 voltage supply relay

11 - Fuel shut- off control unit



Note:

♦ *The number in brackets behind the part designation denotes the control number on the housing.*

Fuse colours

30 A - green

25 A - white

20 A - yellow

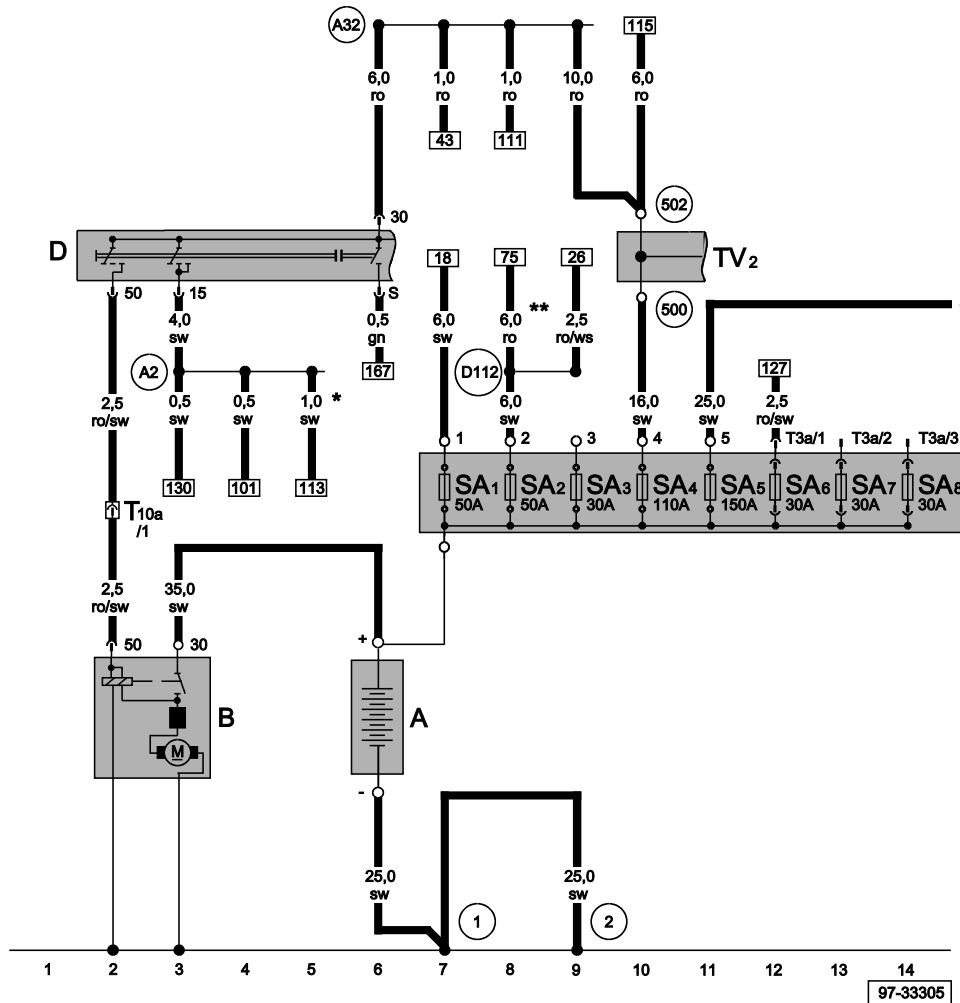
15 A - blue

10 A - red

7.5 A - brown

5 A - beige

3 A - purple



Starter, battery, ignition/starter switch, fuse box / battery

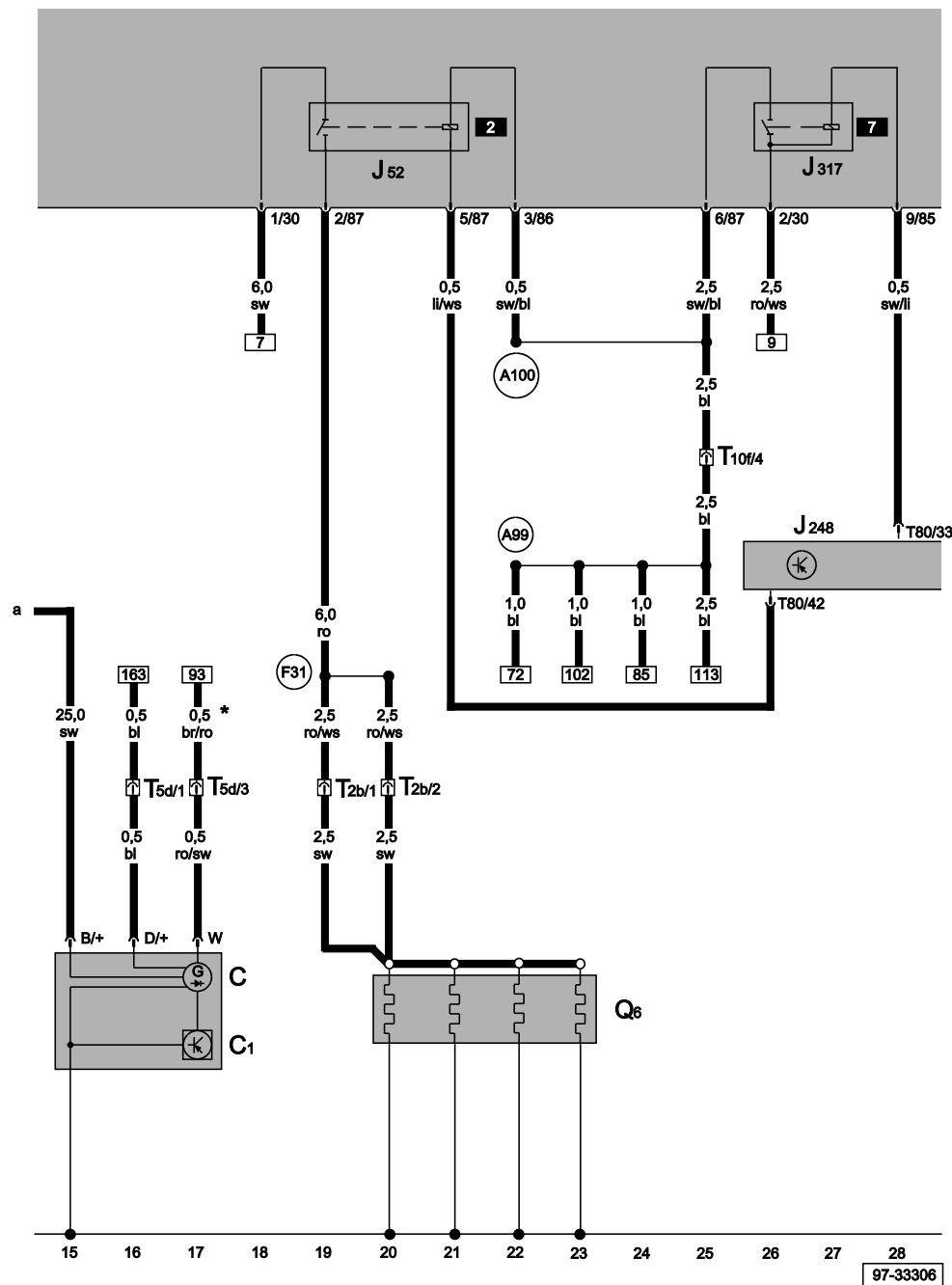
- A Battery
- B Starter
- D Ignition/starter switch
- SA1 Fuse -1- on battery fuse box
- SA2 Fuse -2- on battery fuse box
- SA3 Fuse -3- on battery fuse box
- SA4 Fuse -4- on battery fuse box
- SA5 Fuse -5- on battery fuse box
- SA6 Fuse -6- on battery fuse box
- SA7 Fuse -7- on battery fuse box
- SA8 Fuse -8- on battery fuse box
- T3a 3-pin connector, on battery fuse box
- T10a 10-pin connector, black, coupling station under relay carrier, left
- TV2 Terminal 30 wiring junction

- 1 Earth strap, battery - body
- 2 Earth strap, gearbox - body
- 500 Screw connection -1- (30), on relay plate
- 502 Screw connection -1- (30a), on relay plate
- A2 Positive (+) connection (15), in dash panel wiring harness
- A32 Positive (+) connection (30), in dash panel wiring harness
- D112 Connection -10-, in engine compartment wiring harness
- * Only models with airbags
- ** Only models with heater for radiator

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

Diesel direct injection system control unit, alternator, voltage regulator, glow plugs (engine), relay for glow plugs, voltage supply relay

- C Alternator
- C1 Voltage regulator
- J52 Glow plug relay
- J248 Diesel direct injection system control unit
- J317 Terminal 30 voltage supply relay
- Q6 Glow plugs - (engine)
- T2b 2-pin connector, in engine compartment
- T5d 5-pin connector, in engine compartment, near gearbox
- T10f 10-pin connector, purple, coupling station under relay carrier, left
- T80 80-pin connector
- A99 Connection -1- (87), in dash panel wiring harness
- A100 Connection -2- (87), in dash panel wiring harness
- F31 Connection (glow plugs - engine) in diesel direct injection system wiring harness
- * Only models with heater for radiator

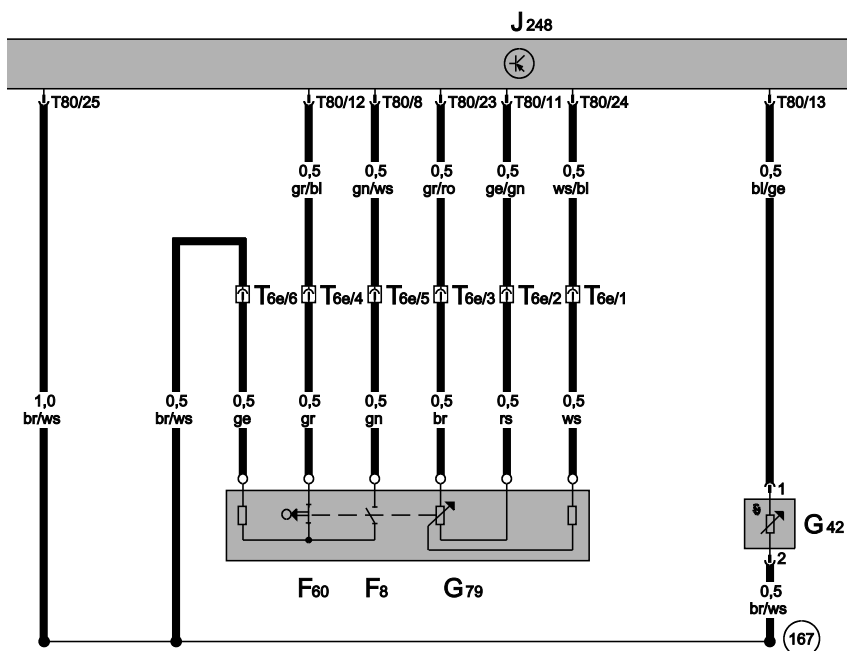


ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Diesel direct injection system control unit, accelerator pedal position sender, intake air temperature sender, kick-down switch, idling switch

- F8 Kick-down switch
- F60 Idling switch
- G42 Intake air temperature sender
- G79 Accelerator pedal position sender
- J248 Diesel direct injection system control unit
- T6e 6-pin connector, near accelerator pedal position sender
- T80 80-pin connector

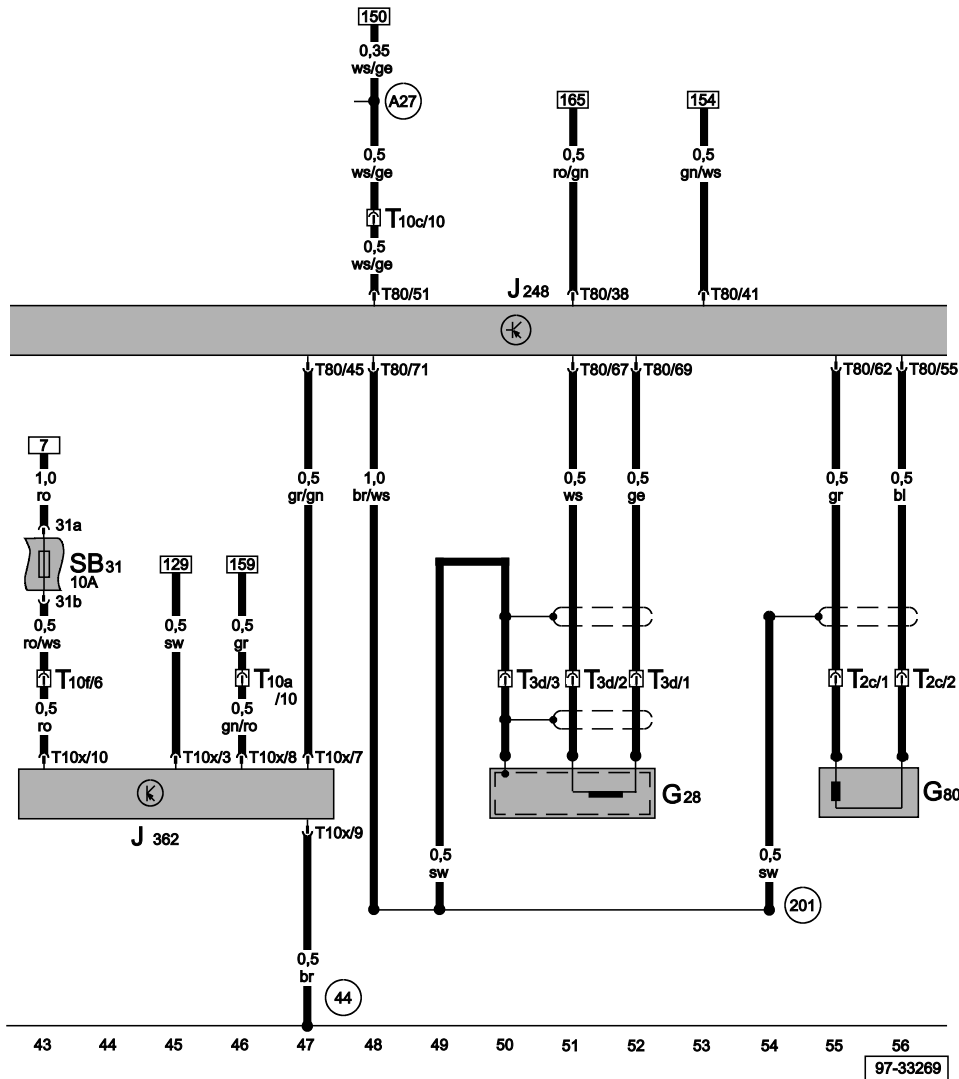
167 Earth connection -4-, in engine compartment wiring harness



Diesel direct injection system control unit, engine speed sender, needle lift sender, immobilizer control unit

- G28 Engine speed sender
- G80 Needle lift sender
- J248 Diesel direct injection system control unit
- J362 Immobilizer control unit
- SB31 Fuse -31- on fuse box
- T2c 2-pin connector, near needle lift sender
- T3d 3-pin connector, near engine speed sender
- T10a 10-pin connector, black, coupling station under relay carrier, left
- T10c 10-pin connector, brown, coupling station under relay carrier, left
- T10f 10-pin connector, purple, coupling station under relay carrier, left
- T10x 10-pin connector, on immobilizer control unit
- T80 80-pin connector

- 44 Earth point, lower part of left A-pillar
- 201 Earth connection -5-, in engine compartment wiring harness
- A27 Connection (speed signal), in dash panel wiring harness



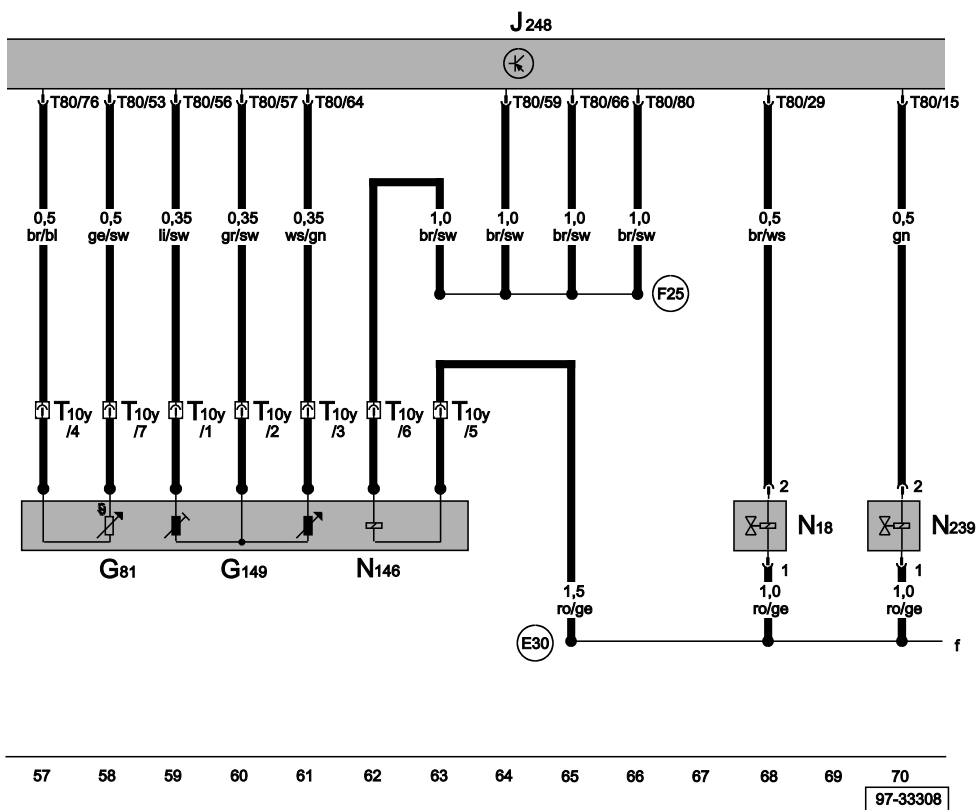
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

Diesel direct injection system control unit, metering adjuster, exhaust gas recirculation valve, intake manifold flap change-over valve, fuel temperature sender, modulating piston movement sender

- G81 Fuel temperature sender
- G149 Modulating piston movement sender
- J248 Diesel direct injection system control unit
- N18 Exhaust gas recirculation valve
- N146 Metering adjuster
- N239 Intake manifold flap change-over valve
- T10y 10-pin connector, blue, on part of left A-pillar
- T80 80-pin connector

E30 Connection (87a), in engine wiring harness

F25 Connection -1-, in diesel direct injection system wiring harness

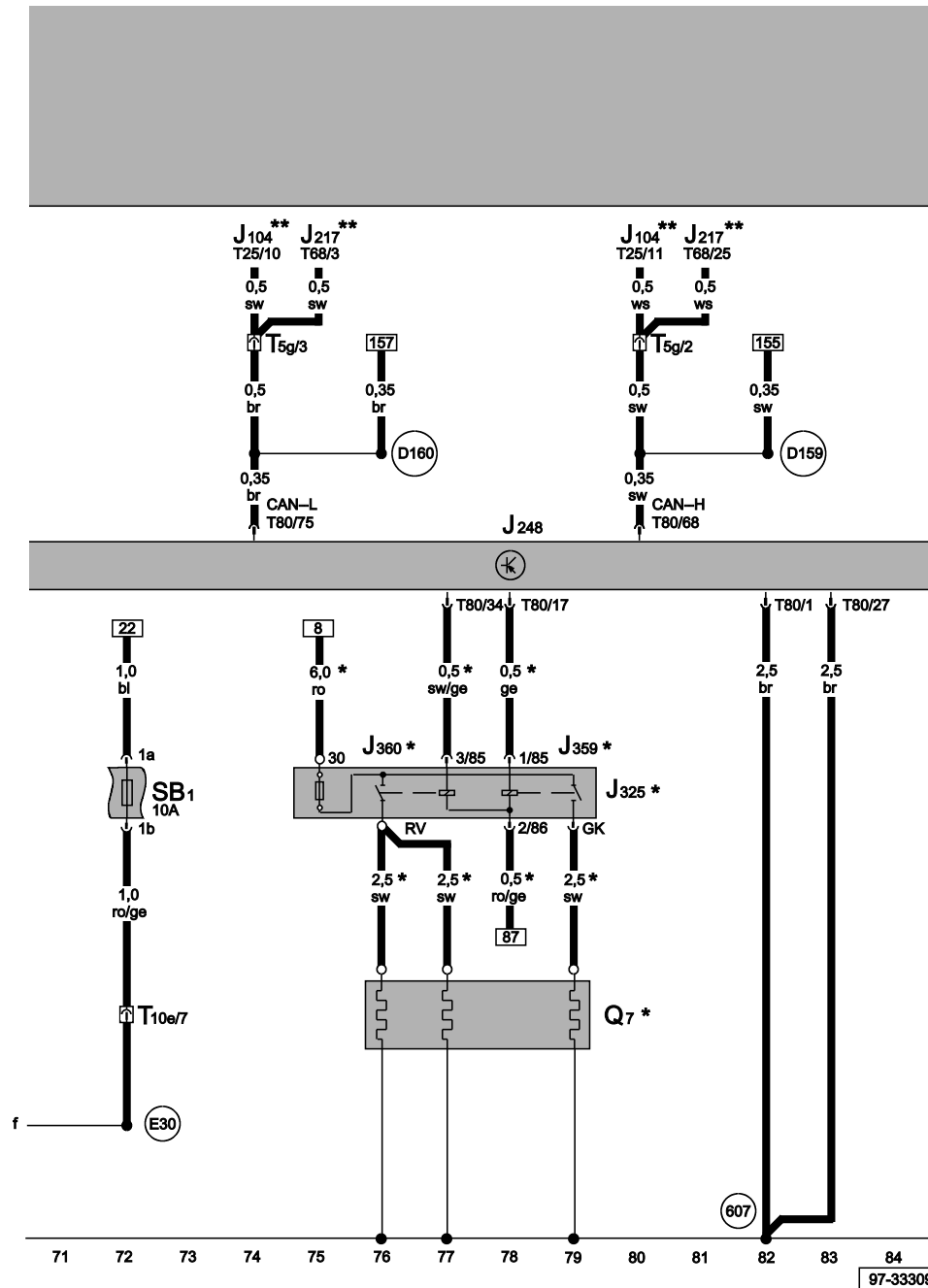


- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

Diesel direct injection system control unit, coolant heater element relay, coolant heating elements

- J104 ABS with EDL control unit
- J217 Automatic gearbox control unit
- J248 Diesel direct injection system control unit
- J325 Relay for coolant heater elements, in engine
- J359 Low heat output relay
- J360 High heat output relay
- Q7 Coolant heating elements
- SB1 Fuse -1- on fuse box
- T5g 5-pin connector, pink, coupling station under relay carrier, left
- T10e 10-pin connector, green, coupling station under relay carrier, left
- T25 25-pin connector
- T68 68-pin connector
- T80 80-pin connector

- 607 Earth point, on left in plenum chamber
- E30 Connection (87a), in engine wiring harness
- D159 Positive (+) connection (high bus), in interior wiring harness
- D160 Positive (+) connection (low bus), in engine compartment wiring harness
- * Only models with heater for radiator
- ** Depends on equipment



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

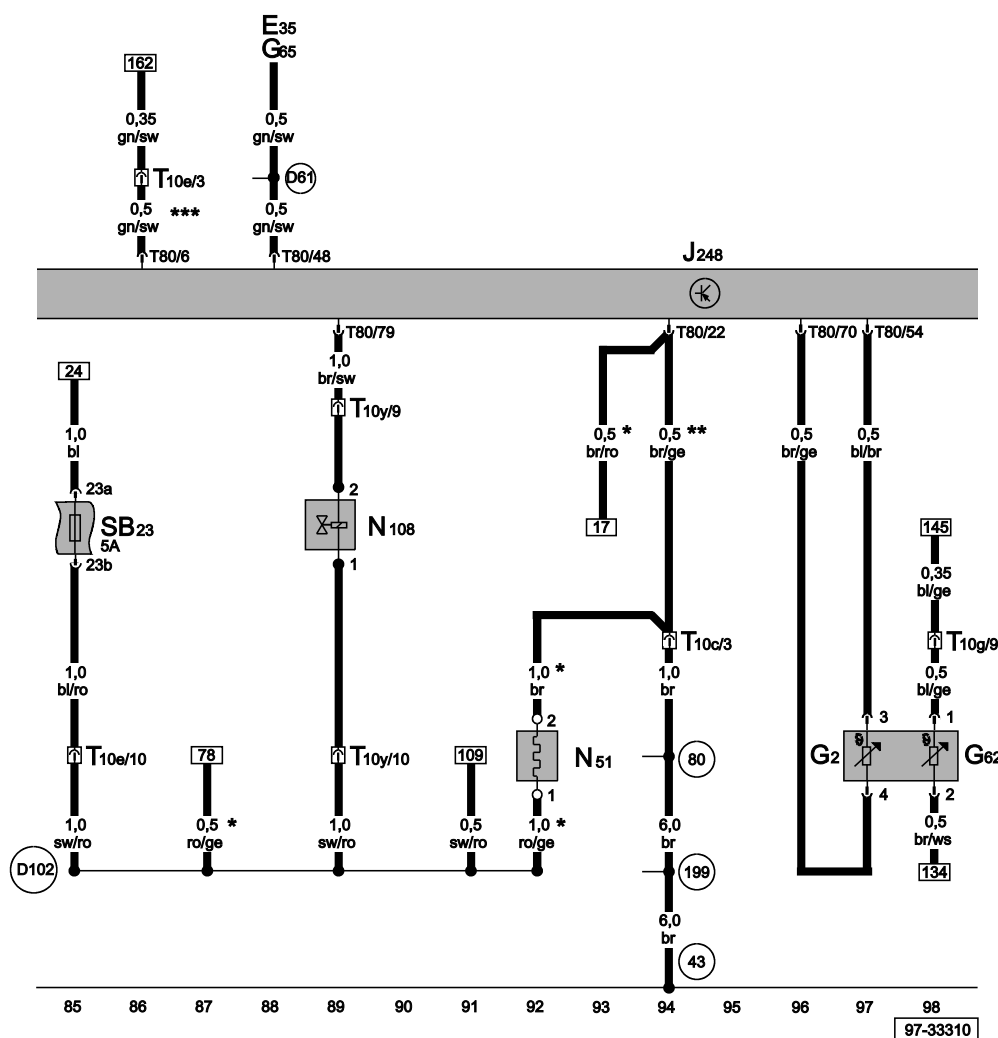
Diesel direct injection system control unit, coolant temperature sender, intake manifold preheating heater element, commencement of injection valve

- E35 Air conditioner switch
- G2 Coolant temperature sender
- G62 Coolant temperature sender
- G65 High pressure sender
- J248 Diesel direct injection system control unit
- N51 Intake manifold preheating heater element
- N108 Commencement of injection valve
- SB23 Fuse -23- on fuse box
- T10c 10-pin connector, brown, coupling station under relay carrier, left
- T10e 10-pin connector, green, coupling station under relay carrier, left
- T10g 10-pin connector, red, coupling station under relay carrier, left
- T10y 10-pin connector, blue, on part of left A-pillar
- T80 80-pin connector

- 43 Earth point, lower part of right A-pillar
- 80 Earth connection -1-, in instruments wiring harness
- 199 Earth connection -3-, in dash panel wiring harness
- D61 Connection (air conditioner), in engine compartment wiring harness
- D102 Connection -2-, in engine compartment wiring harness

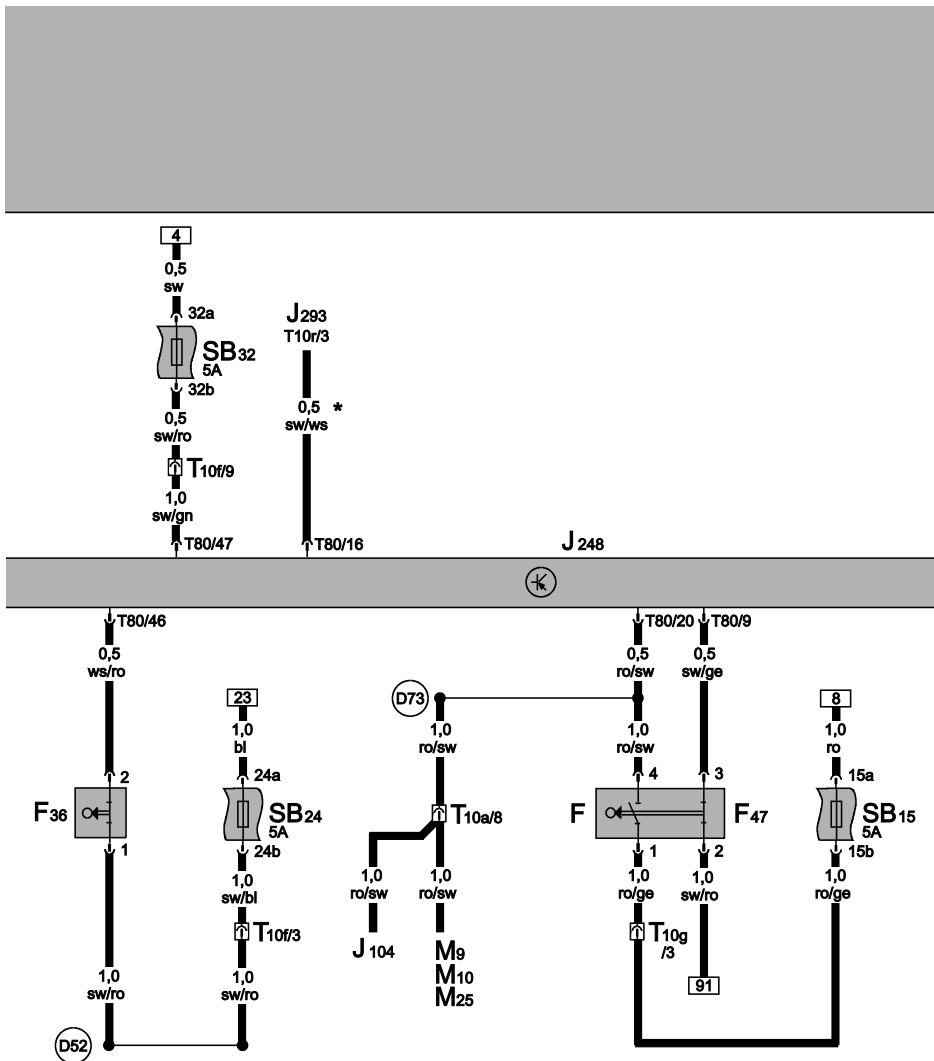
- * Only models with heater for radiator
- ** Only models without heater for radiator
- *** Engine speed signal from engine control unit

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

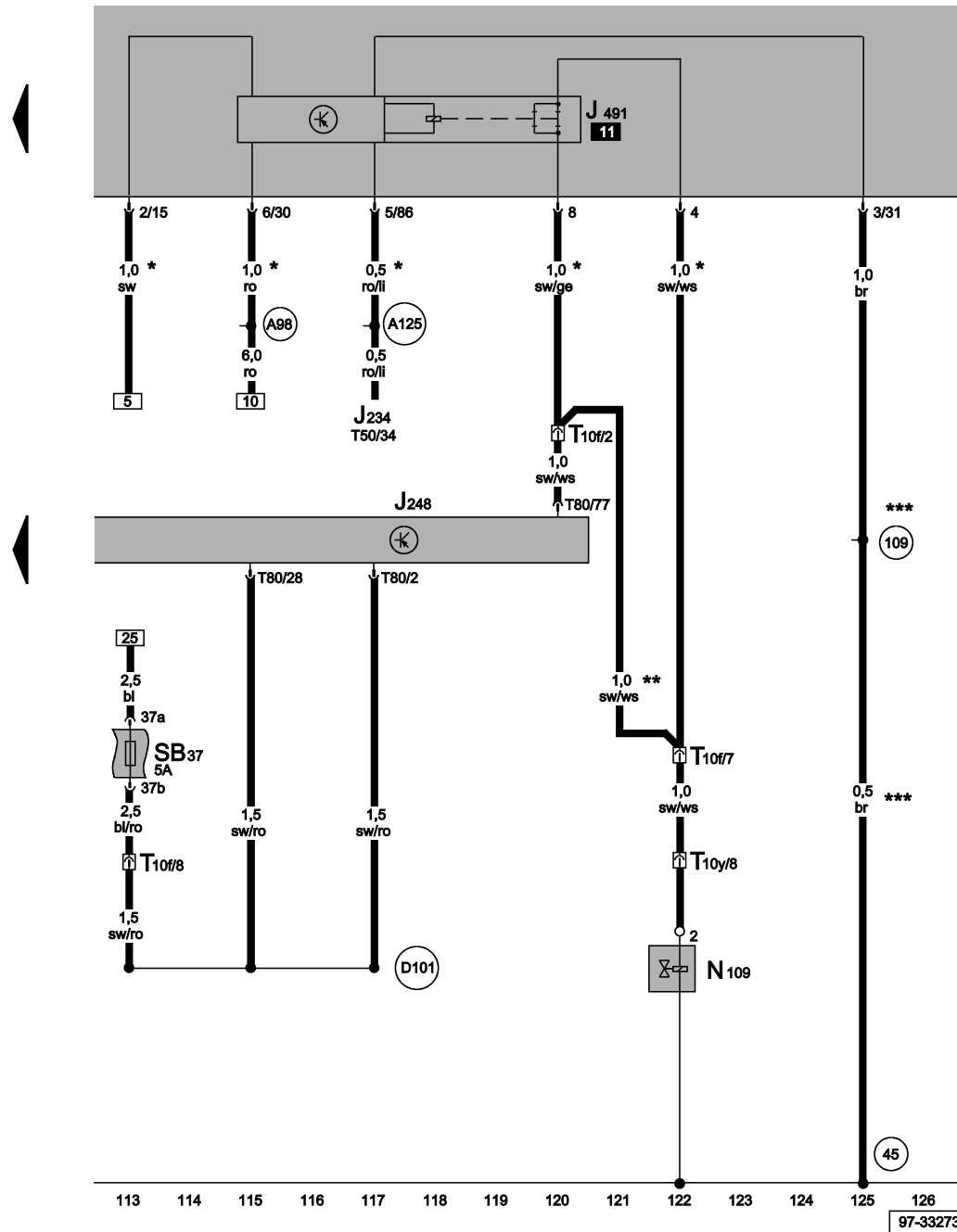


Diesel direct injection system control unit, brake light switch, clutch pedal switch, cruise control system brake pedal switch/diesel direct inj. system

- F Brake light switch
- F36 Clutch pedal switch
- F47 Cruise control system brake pedal switch (diesel direct injection system)
- J104 ABS with EDL control unit
- J248 Diesel direct injection system control unit
- J293 Radiator fan control unit
- M9 Brake light bulb, left
- M10 Brake light bulb, right
- M25 High level brake light bulb
- SB15 Fuse -15- on fuse box
- SB24 Fuse -24- on fuse box
- SB32 Fuse -32- on fuse box
- T10a 10-pin connector, black, coupling station under relay carrier, left
- T10f 10-pin connector, purple, coupling station under relay carrier, left
- T10g 10-pin connector, red, coupling station under relay carrier, left
- T80 80-pin connector
- D52 Positive (+) connection (15a), in engine compartment wiring harness
- D73 Positive (+) connection (54), in engine compartment wiring harness
- * Only models with air conditioner



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



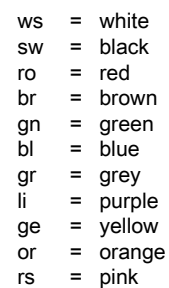
Diesel direct injection system control unit, fuel shut-off control unit (Crash), fuel shut-off valve

- J234 Airbag control unit
- J248 Diesel direct injection system control unit
- J491 Fuel shut-off control unit (crash)
- N109 Fuel shut-off valve
- SB37 Fuse -37- on fuse box
- T10f 10-pin connector, purple, coupling station under relay carrier, left
- T10y 10-pin connector, blue, on part of left A-pillar
- T50 50-pin connector
- T80 80-pin connector

- 45 Earth point, behind dash panel - centre
- 109 Earth connection, in airbag wiring harness
- A98 Positive (+) connection -4- (30), in dash panel wiring harness
- A125 Connection (crash signal), in dash panel wiring harness
- D101 Connection -1-, in engine compartment wiring harness

- * Only models with airbags
- ** Only models without airbags
- *** Does not models with driver airbag

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



- | | |
|------|--|
| G | Fuel gauge sender |
| G22 | Speedometer sender (Hall sender, on gearbox) |
| F1 | Oil pressure switch |
| F18 | Radiator fan thermo-switch |
| SB28 | Fuse -28- on fuse box |
| T3b | 3-pin connector, on radiator fan |
| T10c | 10-pin connector, brown, coupling station under relay carrier, left |
| T10e | 10-pin connector, green, coupling station under relay carrier, left |
| T10i | 10-pin connector, orange, coupling station under relay carrier, left |
| V7 | Radiator fan |
| 12 | Earth point, left in engine compartment |
| 269 | Earth connection (sender earth) -1-, in dash panel wiring harness |
| 608 | Earth point, in centre of plenum chamber |

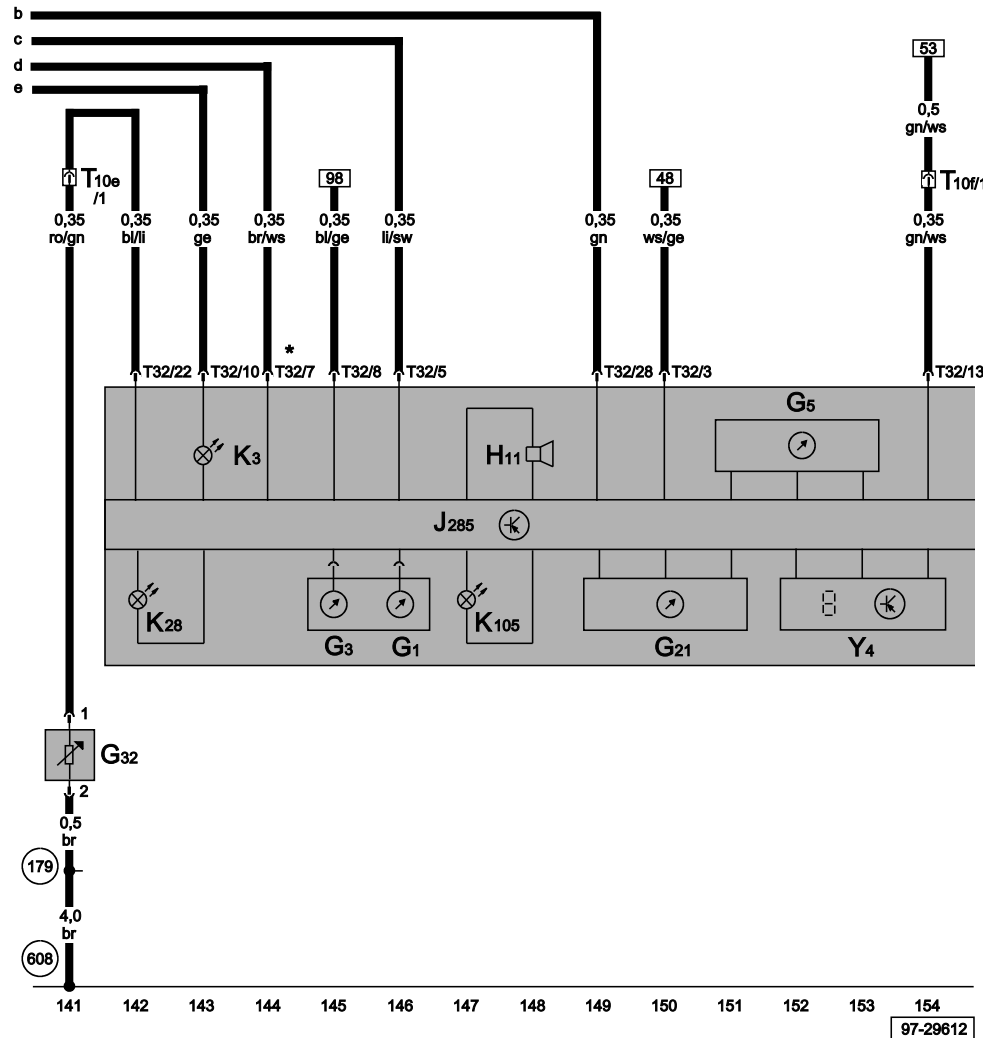
Control unit with display in dash panel insert, coolant shortage indicator sender, oil pressure warning lamp

- G1 Fuel gauge
- G3 Coolant temperature gauge
- G5 Rev. counter
- G21 Speedometer
- G32 Coolant shortage indicator sender
- H11 Oil pressure warning buzzer
- J285 Control unit with display in dash panel insert
- K3 Oil pressure warning lamp
- K28 Coolant temperature/coolant shortage warning lamp
- K105 Reserve fuel warning lamp
- T10e 10-pin connector, green, coupling station under relay carrier, left
- T10f 10-pin connector, purple, coupling station under relay carrier, left
- T32 32-pin connector, blue, on dash panel insert
- Y4 Odometer display

179 Earth connection, in left headlight wiring harness

608 Earth point, in centre of plenum chamber

* Output for signal earth

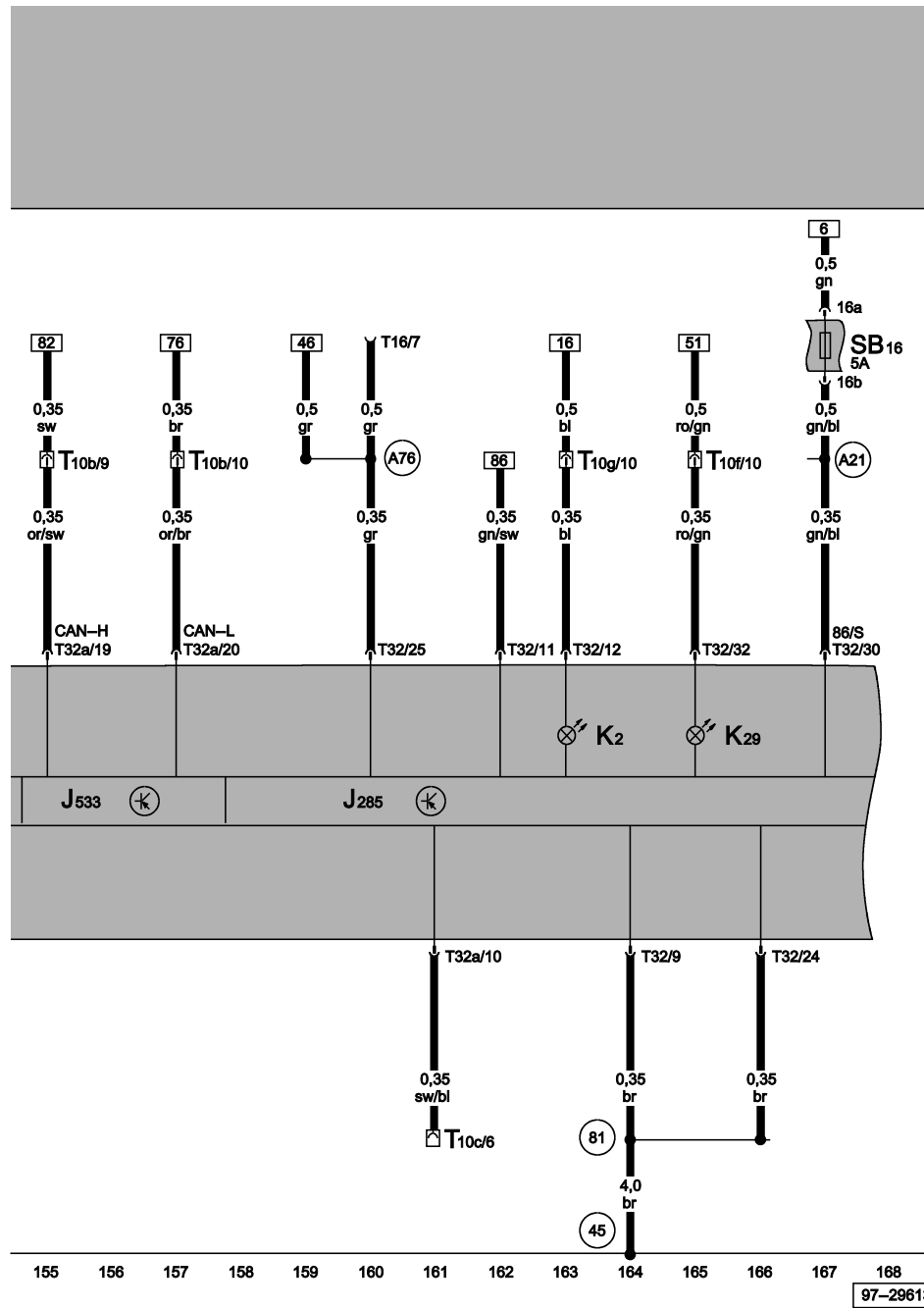


- ws = white
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- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

Control unit with display in dash panel insert, diagnostic connector, alternator warning lamp, glow period warning lamp

- J285 Control unit with display in dash panel insert
- J533 Data bus diagnostic interface
- K2 Alternator warning lamp
- K29 Glow period warning lamp
- SB16 Fuse -16- on fuse box
- T10b 10-pin connector, white, coupling station under relay carrier, left
- T10c 10-pin connector, brown, coupling station under relay carrier, left
- T10f 10-pin connector, purple, coupling station under relay carrier, left
- T10g 10-pin connector, red, coupling station under relay carrier, left
- T16 16-pin connector, diagnostic connector
- T32 32-pin connector, blue, on dash panel insert
- T32a 32-pin connector, green, on dash panel insert

- 45 Earth point, behind dash panel - centre
- 81 Earth connection -1-, in dash panel wiring harness
- A21 Connection (86s), in dash panel wiring harness
- A76 Connection (diagnosis wire K), in dash panel wiring harness



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

1.9 l turbo-diesel engine/ 81 kW, engine codes ASK, ASV

From May 2001

1.9 l/66 kW turbo-diesel engine, engine codes AGR, ALH

From May 2001

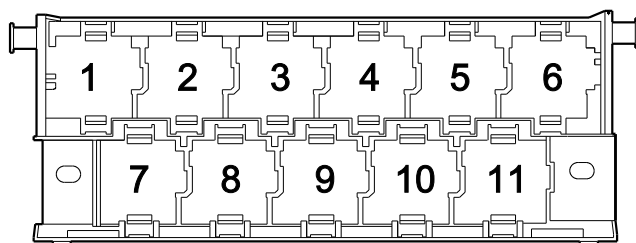
1.9 l/66 kW turbo-diesel engine, engine codes ALH, From May 2001

1.9 l turbo-diesel engine/ 81 kW, engine codes ASK, From May 2001

For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.

Relay for coolant heater elements

Relay locations on relay plate:



97-22850

1 - Radiator fan run-on control unit

2 - Glow plug relay (103)

7 - Terminal 30 voltage supply relay

11 - Fuel shut-off control unit



Note:

♦ *The number in brackets behind the part designation denotes the control number on the housing.*

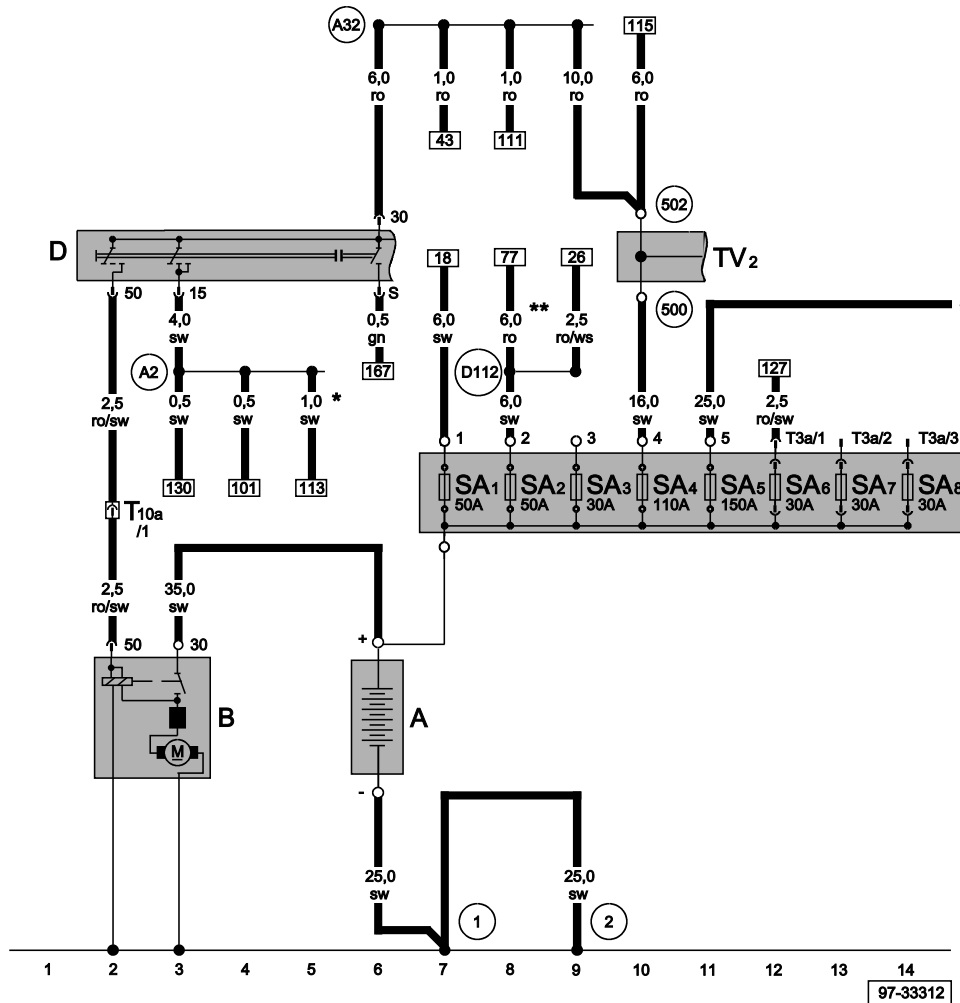
Fuse colours

30 A - green

25 A - white

20 A - yellow

15 A - blue
10 A - red
7.5 A - brown
5 A - beige
3 A - purple



Starter, battery, ignition/starter switch, fuse box / battery

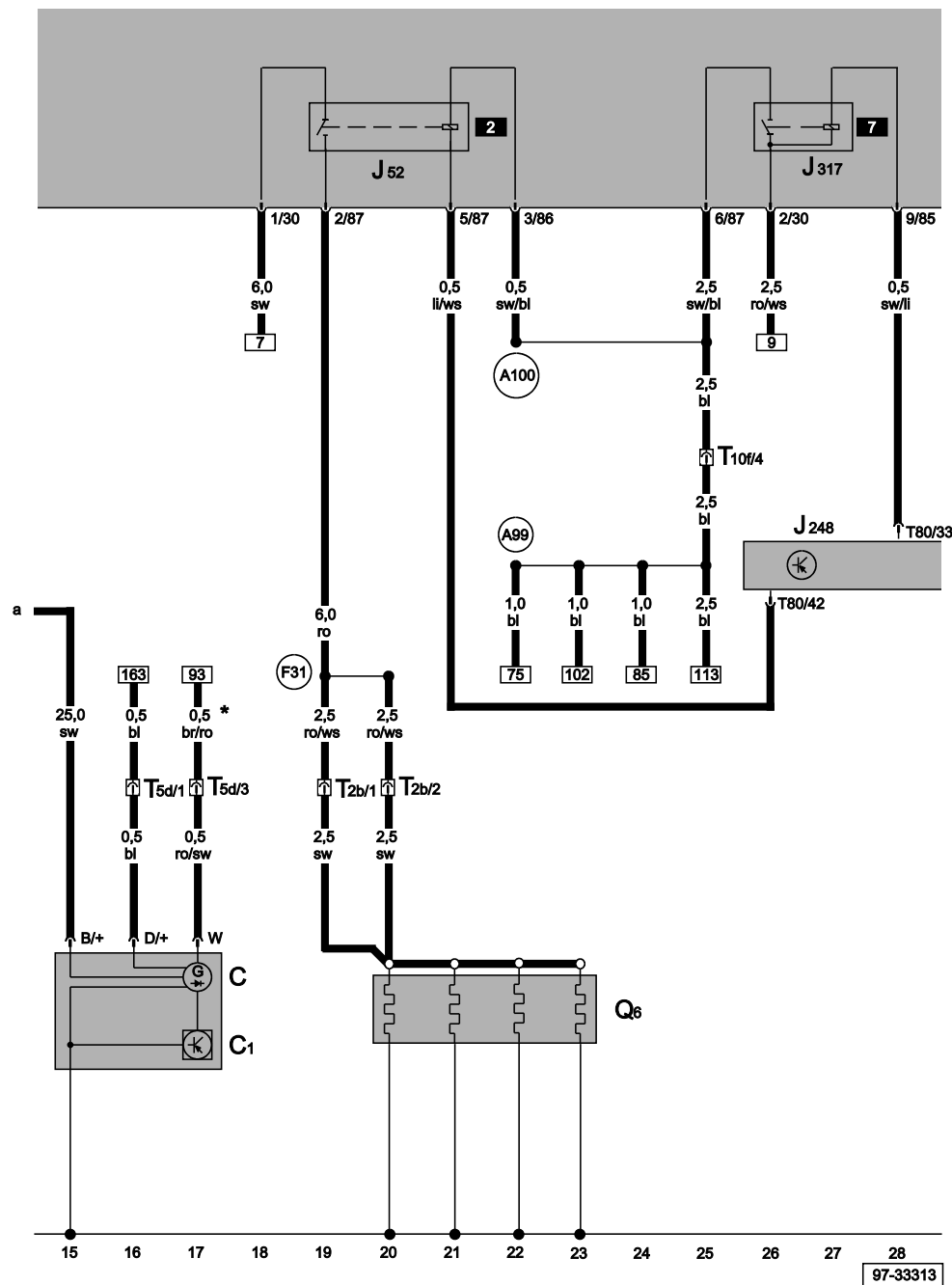
- A Battery
- B Starter
- D Ignition/starter switch
- SA1 Fuse -1- on battery fuse box
- SA2 Fuse -2- on battery fuse box
- SA3 Fuse -3- on battery fuse box
- SA4 Fuse -4- on battery fuse box
- SA5 Fuse -5- on battery fuse box
- SA6 Fuse -6- on battery fuse box
- SA7 Fuse -7- on battery fuse box
- SA8 Fuse -8- on battery fuse box
- T3a 3-pin connector, on battery fuse box
- T10a 10-pin connector, black, coupling station under relay carrier, left
- TV2 Terminal 30 wiring junction

- 1 Earth strap, battery - body
- 2 Earth strap, gearbox - body
- 500 Screw connection -1- (30), on relay plate
- 502 Screw connection -1- (30a), on relay plate
- A2 Positive (+) connection (15), in dash panel wiring harness
- A32 Positive (+) connection (30), in dash panel wiring harness
- D112 Connection -10-, in engine compartment wiring harness
- * Only models with airbags
- ** Only models with heater for radiator

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

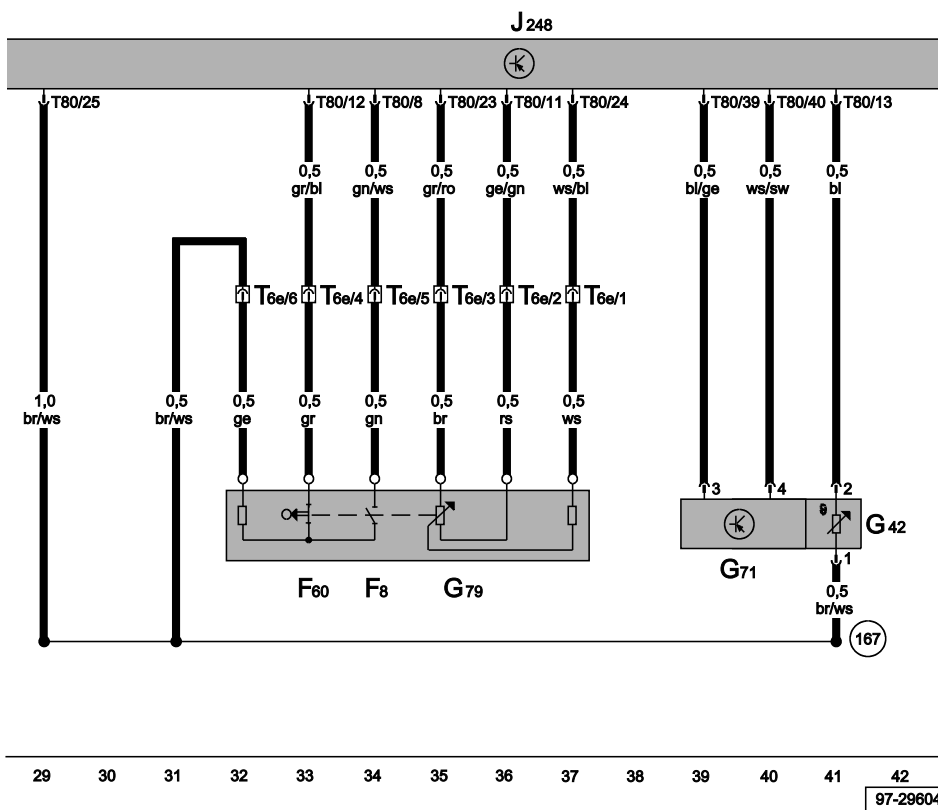
Diesel direct injection system control unit, alternator, voltage regulator, glow plugs (engine), relay for glow plugs, voltage supply relay

- C Alternator
- C1 Voltage regulator
- J52 Glow plug relay
- J248 Diesel direct injection system control unit
- J317 Terminal 30 voltage supply relay
- Q6 Glow plugs - (engine)
- T2b 2-pin connector, in engine compartment
- T5d 5-pin connector, in engine compartment, near gearbox
- T10f 10-pin connector, purple, coupling station under relay carrier, left
- T80 80-pin connector
- A99 Connection -1- (87), in dash panel wiring harness
- A100 Connection -2- (87), in dash panel wiring harness
- F31 Connection (glow plugs - engine) in diesel direct injection system wiring harness
- * Only models with heater for radiator



Diesel direct injection system control unit, accelerator pedal position sender, intake manifold pressure sender, intake air temperature sender, kick-down switch, idling switch

- F8 Kick-down switch
- F60 Idling switch
- G42 Intake air temperature sender
- G71 Intake manifold pressure sender
- G79 Accelerator pedal position sender
- J248 Diesel direct injection system control unit
- T6e 6-pin connector, near accelerator pedal position sender
- T80 80-pin connector
- 167 Earth connection -4-, in engine compartment wiring harness

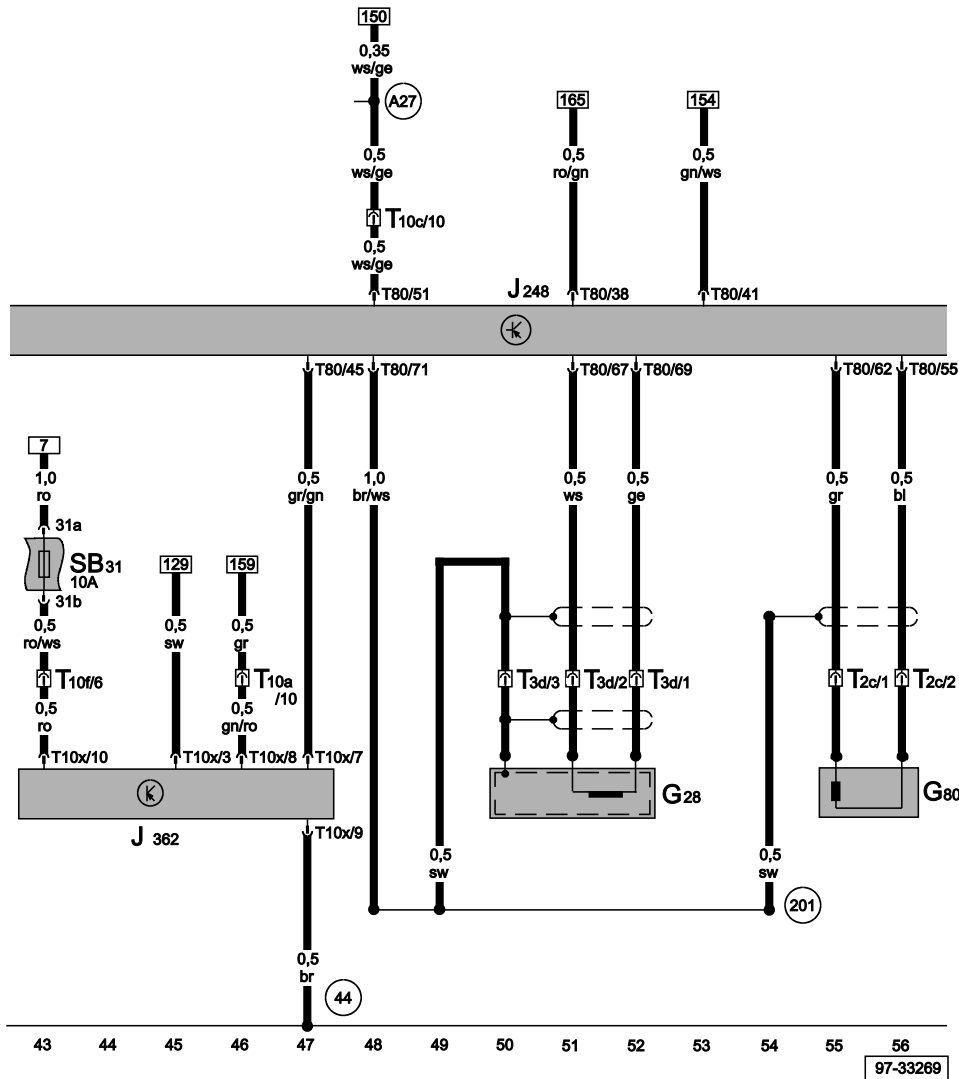


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 or = orange
 rs = pink

Diesel direct injection system control unit, engine speed sender, needle lift sender, immobilizer control unit

- G28 Engine speed sender
- G80 Needle lift sender
- J248 Diesel direct injection system control unit
- J362 Immobilizer control unit
- SB31 Fuse -31- on fuse box
- T2c 2-pin connector, near needle lift sender
- T3d 3-pin connector, near engine speed sender
- T10a 10-pin connector, black, coupling station under relay carrier, left
- T10c 10-pin connector, brown, coupling station under relay carrier, left
- T10f 10-pin connector, purple, coupling station under relay carrier, left
- T10x 10-pin connector, on immobilizer control unit
- T80 80-pin connector

- 44 Earth point, lower part of left A-pillar
- 201 Earth connection -5-, in engine compartment wiring harness
- A27 Connection (speed signal), in dash panel wiring harness

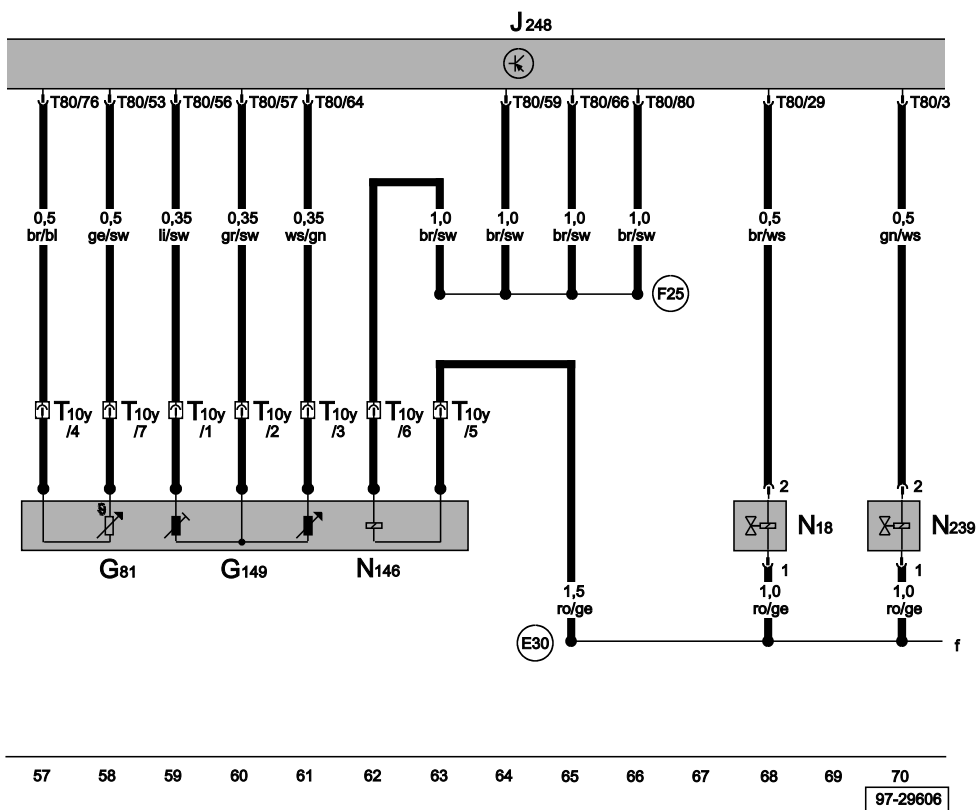


Diesel direct injection system control unit, metering adjuster, exhaust gas recirculation valve, intake manifold flap change-over valve, fuel temperature sender, modulating piston movement sender

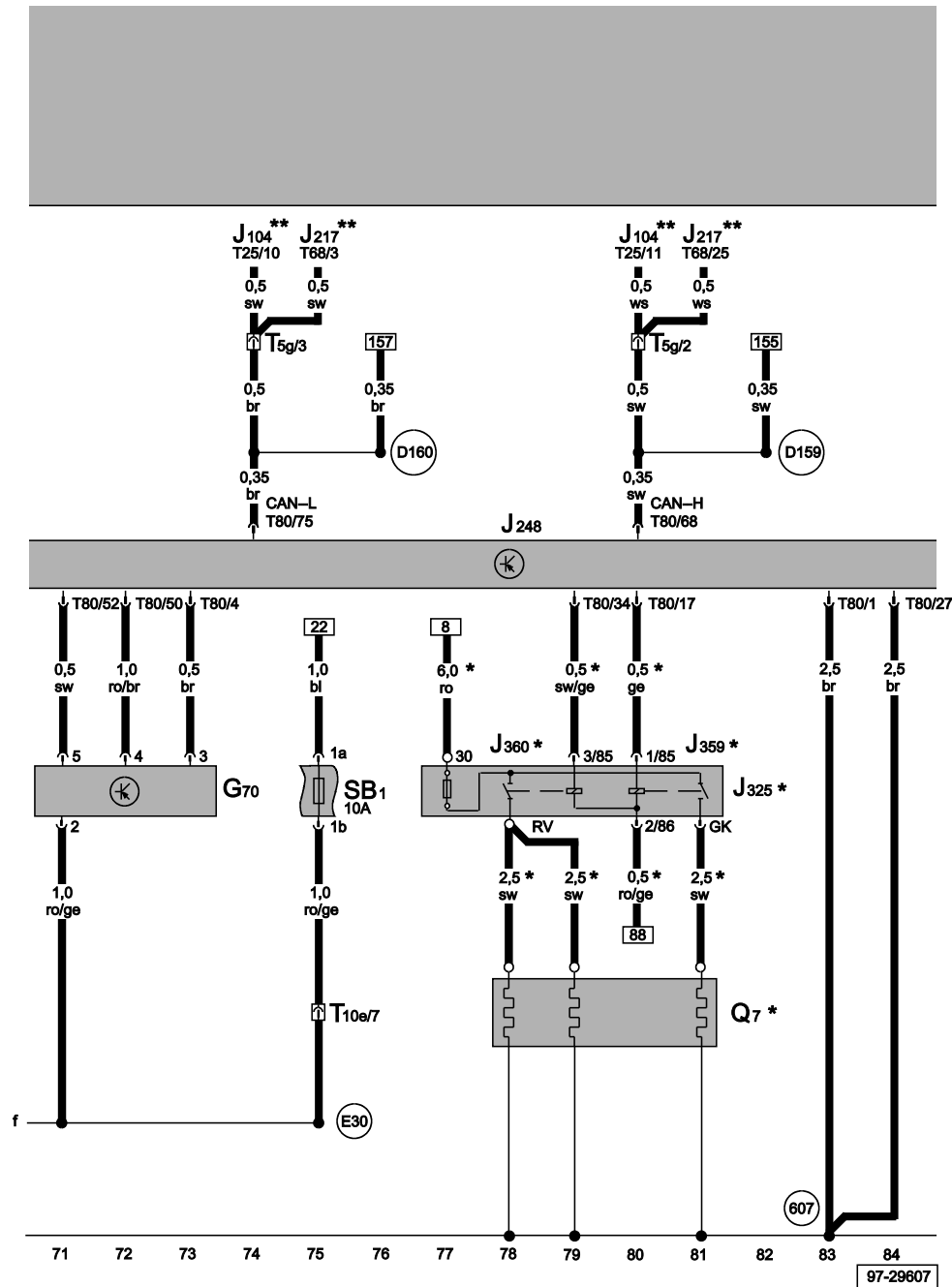
- G81 Fuel temperature sender
- G149 Modulating piston movement sender
- J248 Diesel direct injection system control unit
- N18 Exhaust gas recirculation valve
- N146 Metering adjuster
- N239 Intake manifold flap change-over valve
- T10y 10-pin connector, blue, on part of left A-pillar
- T80 80-pin connector

E30 Connection (87a), in engine wiring harness

F25 Connection -1-, in diesel direct injection system wiring harness



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



Diesel direct injection system control unit, air mass metercoolant, heater element relay, coolant heating elements

- G70 Air mass meter
- J104 ABS with EDL control unit
- J217 Automatic gearbox control unit
- J248 Diesel direct injection system control unit
- J325 Relay for coolant heater elements, in engine
- J359 Low heat output relay
- J360 High heat output relay
- Q7 Coolant heating elements
- SB1 Fuse -1- on fuse box
- T5g 5-pin connector, pink, coupling station under relay carrier, left
- T10e 10-pin connector, green, coupling station under relay carrier, left
- T25 25-pin connector
- T68 68-pin connector
- T80 80-pin connector
- 607 Earth point, on left in plenum chamber
- E30 Connection (87a), in engine wiring harness
- D159 Positive (+) connection (high bus), in interior wiring harness
- D160 Positive (+) connection (low bus), in engine compartment wiring harness
- * Only models with heater for radiator
- ** Depends on equipment

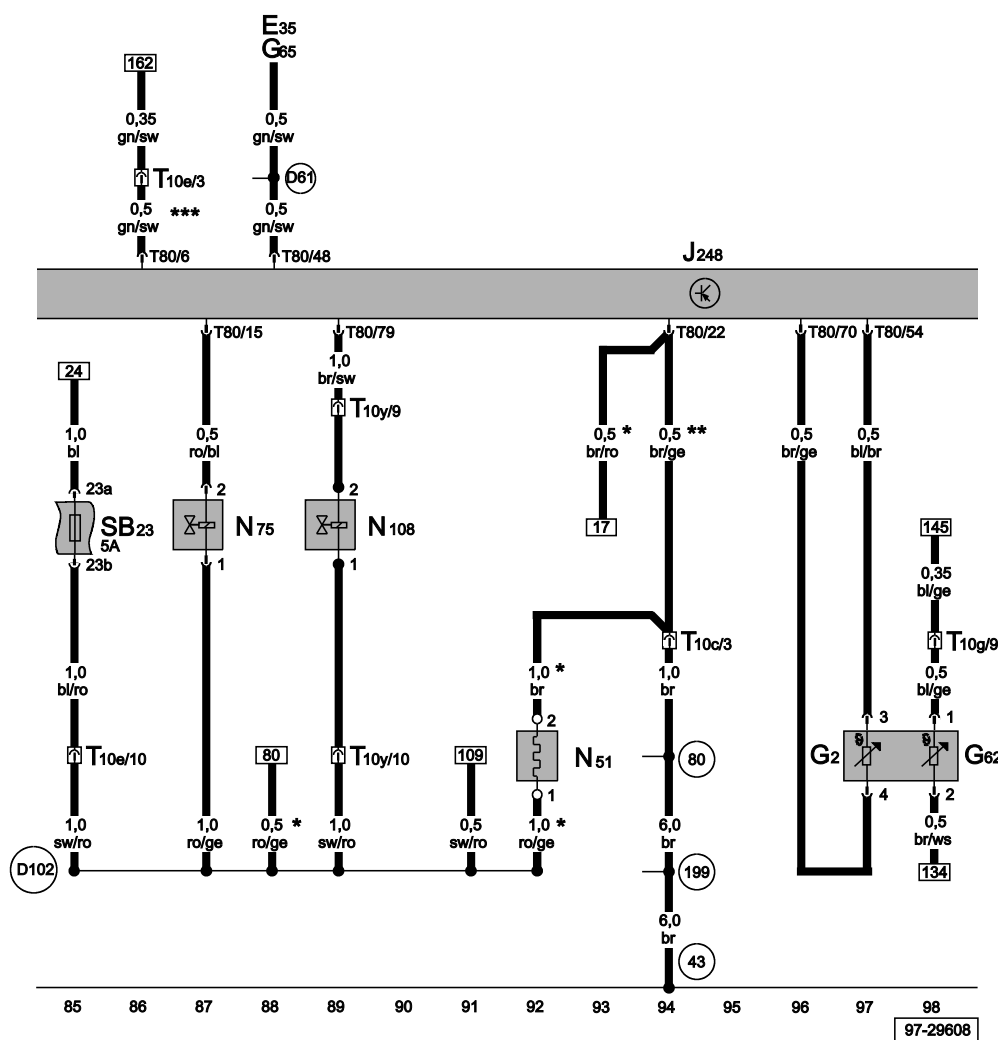
ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink

Diesel direct injection system control unit, coolant temperature sender, intake manifold preheating heater element, charge pressure control solenoid valve, commencement of injection valve

- E35 Air conditioner switch
- G2 Coolant temperature sender
- G62 Coolant temperature sender
- G65 High pressure sender
- J248 Diesel direct injection system control unit
- N51 Intake manifold preheating heater element
- N75 Charge pressure control solenoid valve
- N108 Commencement of injection valve
- SB23 Fuse -23- on fuse box
- T10c 10-pin connector, brown, coupling station under relay carrier, left
- T10e 10-pin connector, green, coupling station under relay carrier, left
- T10g 10-pin connector, red, coupling station under relay carrier, left
- T10y 10-pin connector, blue, on part of left A-pillar
- T80 80-pin connector

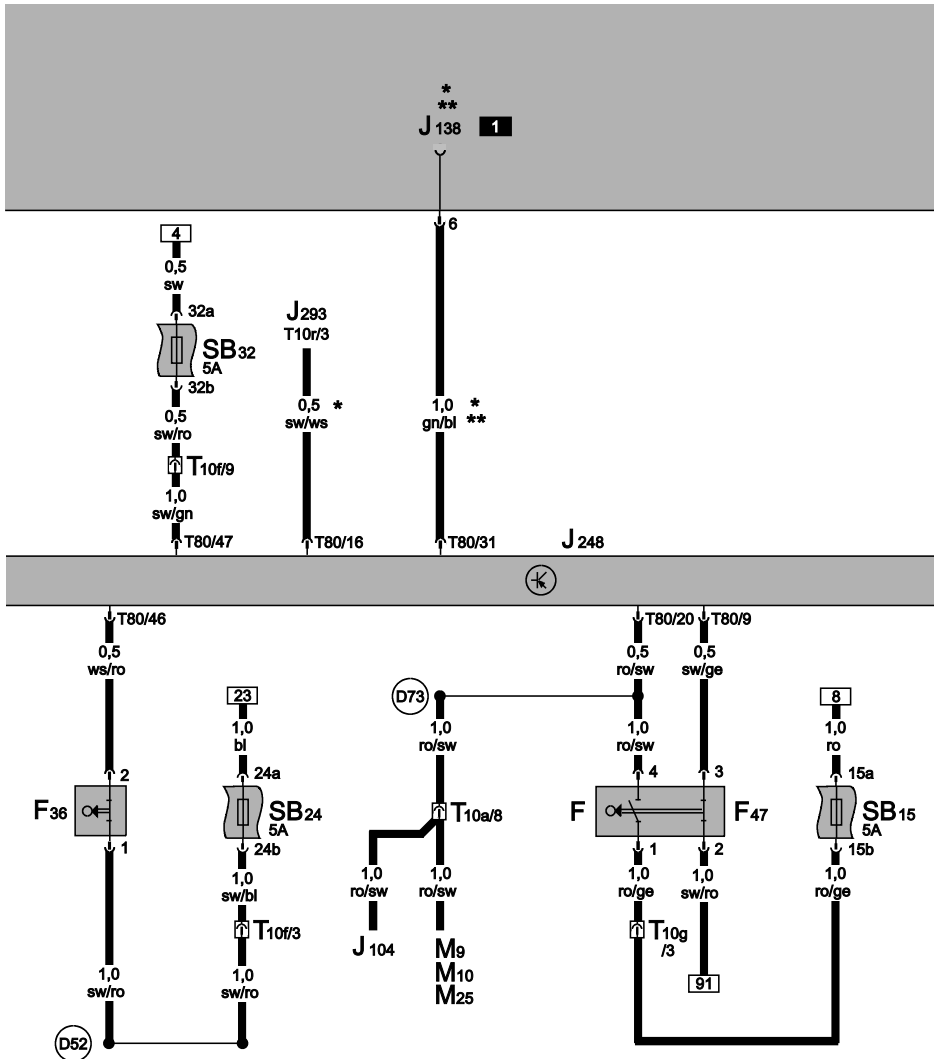
- 43 Earth point, lower part of right A-pillar
- 80 Earth connection -1-, in instruments wiring harness
- 199 Earth connection -3-, in dash panel wiring harness
- D61 Connection (air conditioner), in engine compartment wiring harness
- D102 Connection -2-, in engine compartment wiring harness
- * Only models with heater for radiator
- ** Only models without heater for radiator
- *** Engine speed signal from engine control unit

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

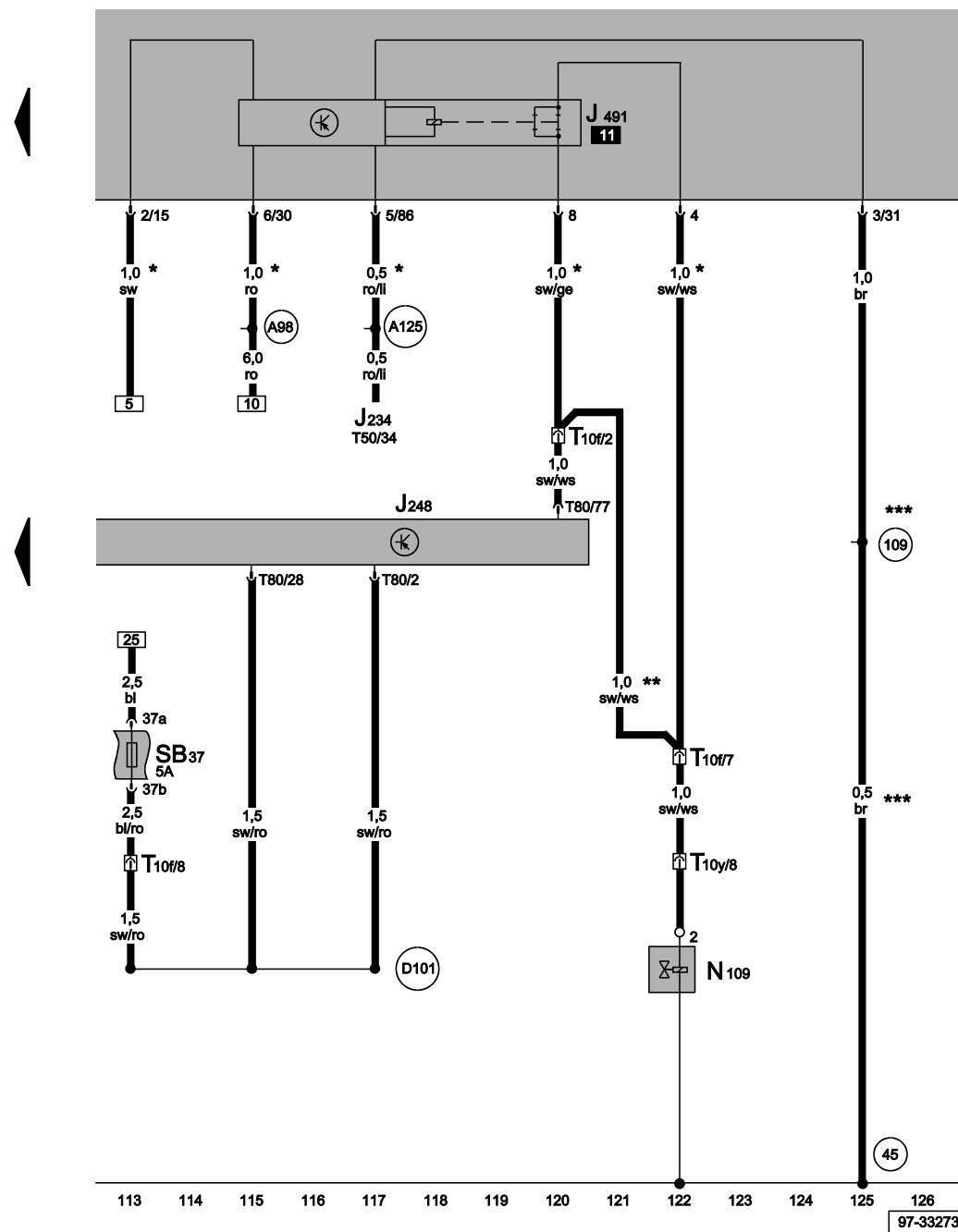


Diesel direct injection system control unit, brake light switch, clutch pedal switch, cruise control system brake pedal switch/diesel direct inj. system

- F Brake light switch
- F36 Clutch pedal switch
- F47 Cruise control system brake pedal switch (diesel direct injection system)
- J104 ABS with EDL control unit
- J138 Radiator fan run-on control unit
- J248 Diesel direct injection system control unit
- J293 Radiator fan control unit
- M9 Brake light bulb, left
- M10 Brake light bulb, right
- M25 High level brake light bulb
- SB15 Fuse -15- on fuse box
- SB24 Fuse -24- on fuse box
- SB32 Fuse -32- on fuse box
- T10a 10-pin connector, black, coupling station under relay carrier, left
- T10f 10-pin connector, purple, coupling station under relay carrier, left
- T10g 10-pin connector, red, coupling station under relay carrier, left
- T80 80-pin connector
- (D52) Positive (+) connection (15a), in engine compartment wiring harness
- (D73) Positive (+) connection (54), in engine compartment wiring harness
- * Only models with air conditioner
- ** Only for engine codes ASK, ASV



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



Diesel direct injection system control unit, fuel shut-off control unit (Crash), fuel shut-off valve

- J234 Airbag control unit
- J248 Diesel direct injection system control unit
- J491 Fuel shut-off control unit (crash)
- N109 Fuel shut-off valve
- SB37 Fuse -37- on fuse box
- T10f 10-pin connector, purple, coupling station under relay carrier, left
- T10y 10-pin connector, blue, on part of left A-pillar
- T50 50-pin connector
- T80 80-pin connector

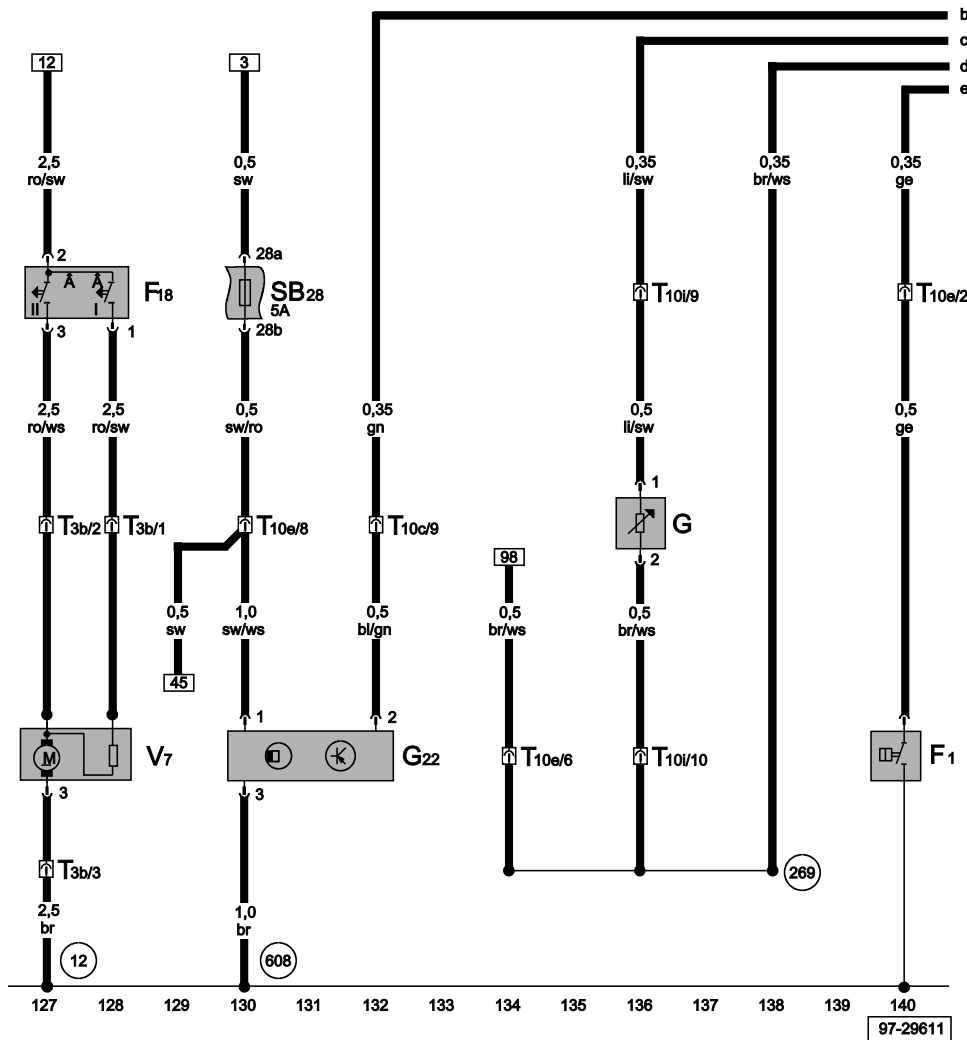
- 45 Earth point, behind dash panel - centre
- 109 Earth connection, in airbag wiring harness
- A98 Positive (+) connection -4- (30), in dash panel wiring harness
- A125 Connection (crash signal), in dash panel wiring harness
- D101 Connection -1-, in engine compartment wiring harness

- * Only models with airbags
- ** Only models without airbags
- *** Does not models with driver airbag

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

Oil pressure switch, fuel gauge sender, speedometer sender, radiator fan, radiator fan thermo-switch

- G Fuel gauge sender
- G22 Speedometer sender (Hall sender, on gearbox)
- F1 Oil pressure switch
- F18 Radiator fan thermo-switch
- SB28 Fuse -28- on fuse box
- T3b 3-pin connector, on radiator fan
- T10c 10-pin connector, brown, coupling station under relay carrier, left
- T10e 10-pin connector, green, coupling station under relay carrier, left
- T10i 10-pin connector, orange, coupling station under relay carrier, left
- V7 Radiator fan
- 12 Earth point, left in engine compartment
- 269 Earth connection (sender earth) -1-, in dash panel wiring harness
- 608 Earth point, in centre of plenum chamber



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

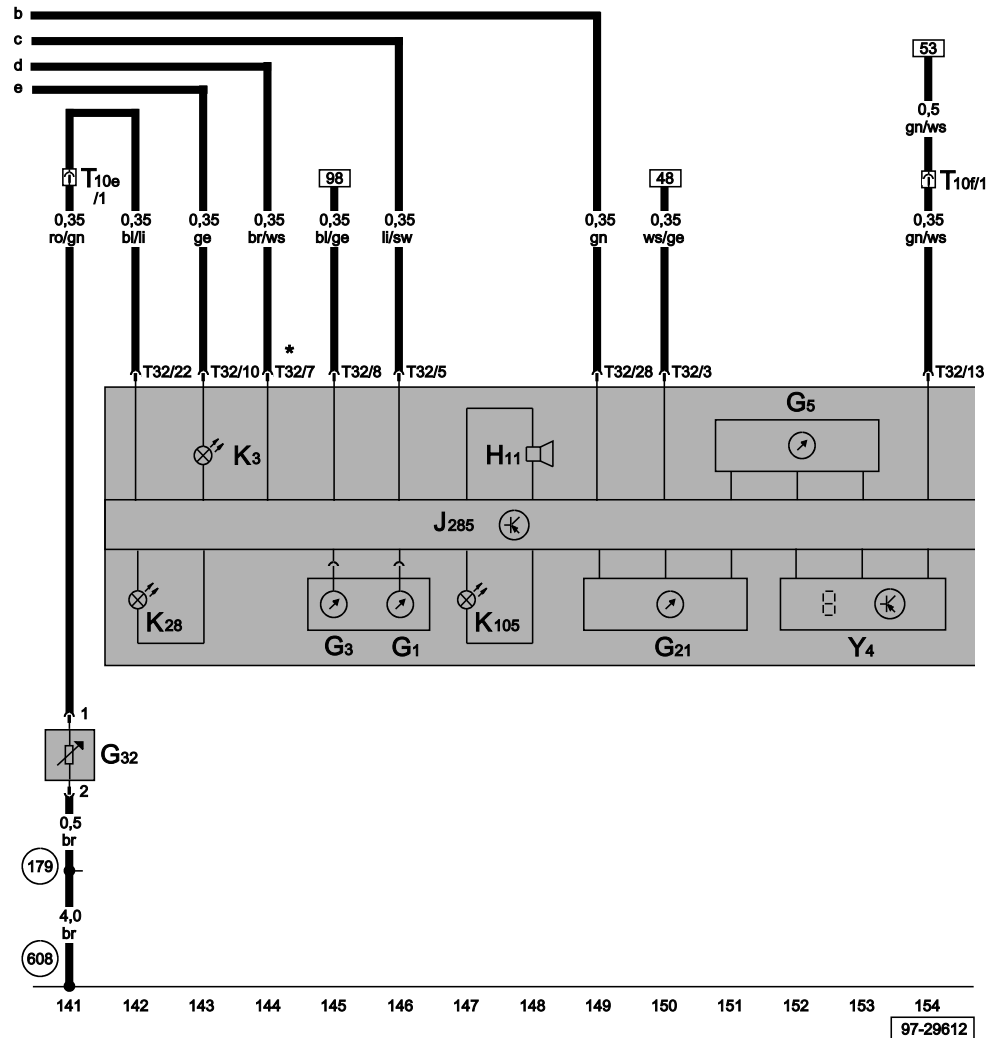
Control unit with display in dash panel insert, coolant shortage indicator sender, oil pressure warning lamp

- G1 Fuel gauge
- G3 Coolant temperature gauge
- G5 Rev. counter
- G21 Speedometer
- G32 Coolant shortage indicator sender
- H11 Oil pressure warning buzzer
- J285 Control unit with display in dash panel insert
- K3 Oil pressure warning lamp
- K28 Coolant temperature/coolant shortage warning lamp
- K105 Reserve fuel warning lamp
- T10e 10-pin connector, green, coupling station under relay carrier, left
- T10f 10-pin connector, purple, coupling station under relay carrier, left
- T32 32-pin connector, blue, on dash panel insert
- Y4 Odometer display

179 Earth connection, in left headlight wiring harness

608 Earth point, in centre of plenum chamber

* Output for signal earth

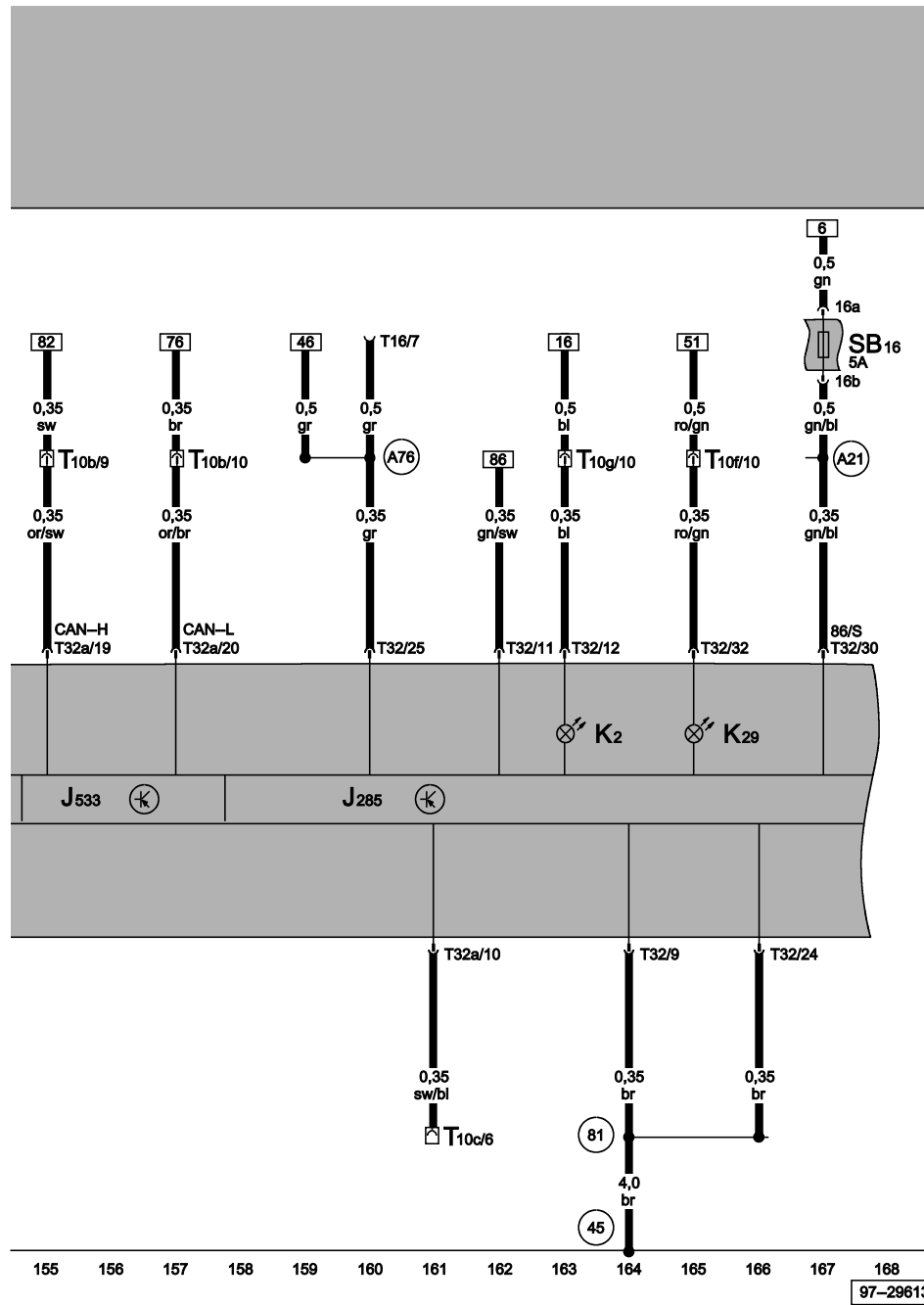


- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

Control unit with display in dash panel insert, diagnostic connector, alternator warning lamp, glow period warning lamp

- J285 Control unit with display in dash panel insert
- J533 Data bus diagnostic interface
- K2 Alternator warning lamp
- K29 Glow period warning lamp
- SB16 Fuse -16- on fuse box
- T10b 10-pin connector, white, coupling station under relay carrier, left
- T10c 10-pin connector, brown, coupling station under relay carrier, left
- T10f 10-pin connector, purple, coupling station under relay carrier, left
- T10g 10-pin connector, red, coupling station under relay carrier, left
- T16 16-pin connector, diagnostic connector
- T32 32-pin connector, blue, on dash panel insert
- T32a 32-pin connector, green, on dash panel insert

- 45 Earth point, behind dash panel - centre
- 81 Earth connection -1-, in dash panel wiring harness
- A21 Connection (86s), in dash panel wiring harness
- A76 Connection (diagnosis wire K), in dash panel wiring harness



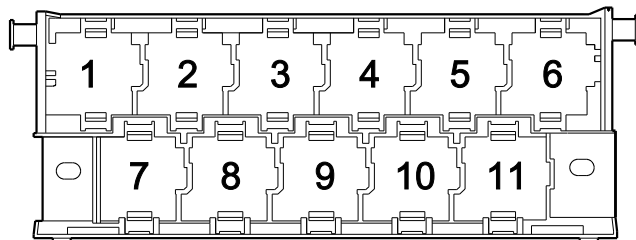
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- ro = red
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- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
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- rs = pink

1.6 I Simos/74 kW, engine codes AUR

From May 2001

For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.

Relay locations on relay plate:



97-22850

2 - Fuel pump relay (167)

5 - Secondary air pump relay (100)

7 - Current supply relay for Simos control unit (30)

11 - Fuel shut- off control unit (405)



Note:

♦ *The number in brackets behind the part designation denotes the control number on the housing.*

Fuse colours

30 A - green

25 A - white

20 A - yellow

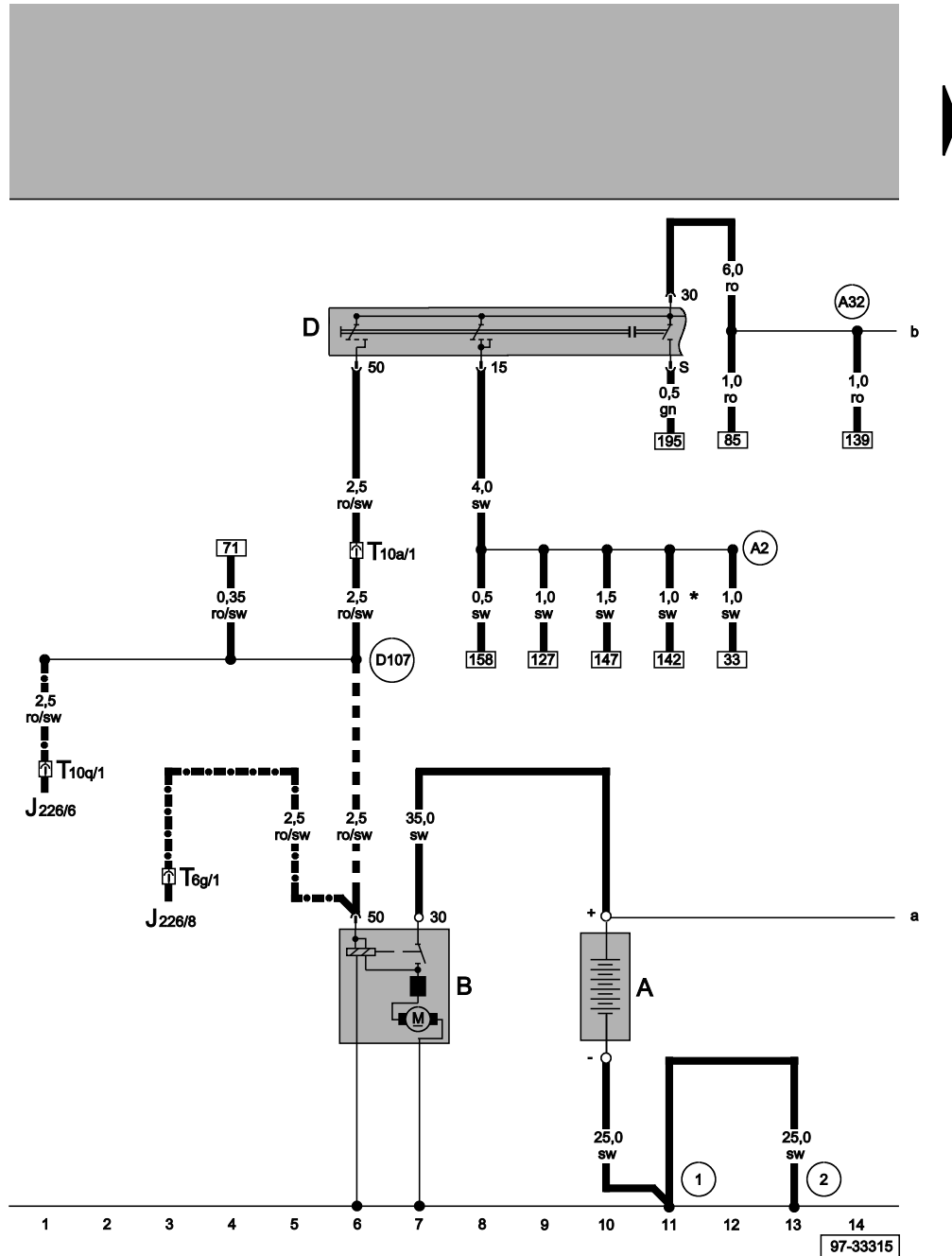
15 A - blue

10 A - red

7.5 A - brown

5 A - beige

3 A - purple



Starter, battery, ignition/starter switch

- A Battery
- B Starter
- D Ignition/starter switch
- J226 Starter inhibitor and reversing light relay
- T6g 6-pin connector, coupling station under relay carrier, left
- T10a 10-pin connector, black, coupling station under relay carrier, left
- T10q 10-pin connector, coupling station under relay carrier, left

- 1 Earth strap, battery - body
- 2 Earth strap, gearbox - body
- A2 Positive (+) connection (15), in dash panel wiring harness
- A32 Positive (+) connection (30), in dash panel wiring harness
- D107 Connection -5-, in engine compartment wiring harness

* Only models with airbags

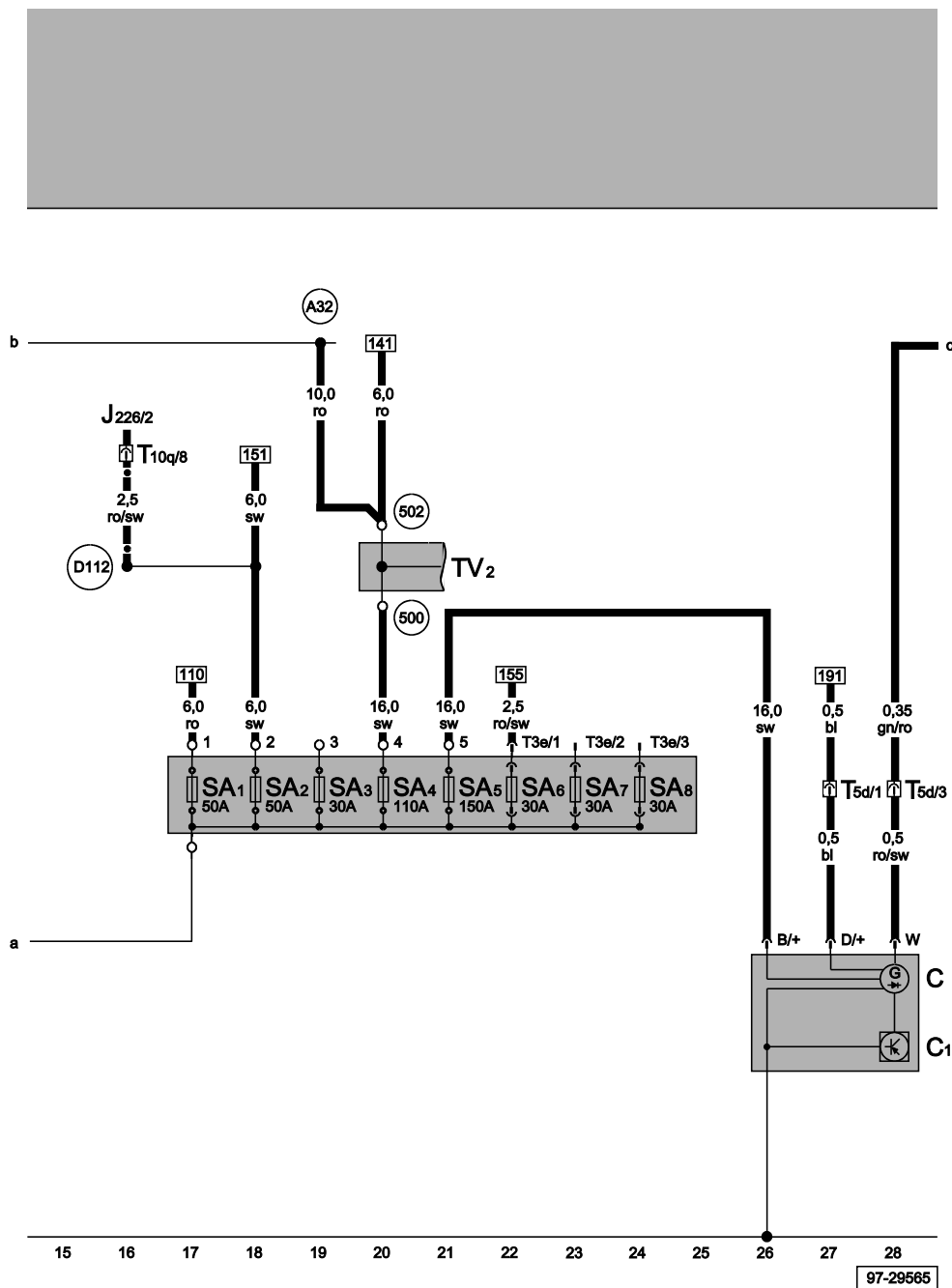
<fo:ext Only models with manual gearbox

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graphic
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PDOC/
samba/
tools/
png-
convert/
out//slp/
ft_icons/
m_m_m.
png"
content-
width="2
0pt"
scaling=""
uniform"/
>

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samba/
tools/
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ro	=	red	m_k_m.p
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gn	=	green	content-
bl	=	blue	width="2
gr	=	grey	0pt"
li	=	purple	scaling="
ge	=	yellow	uniform"/
or	=	orange	>
rs	=	pink	



Alternator, ignition/starter switch, fuse box/battery

- C Alternator
- C1 Voltage regulator
- J226 Starter inhibitor and reversing light relay
- SA1 Fuse -1- on battery fuse box
- SA2 Fuse -2- on battery fuse box
- SA3 Fuse -3- on battery fuse box
- SA4 Fuse -4- on battery fuse box
- SA5 Fuse -5- on battery fuse box
- SA6 Fuse -6- on battery fuse box
- SA7 Fuse -7- on battery fuse box
- SA8 Fuse -8- on battery fuse box
- T3e 3-pin connector, on battery fuse box
- T5d 5-pin connector, in engine compartment, near gearbox
- T10q 10-pin connector, coupling station under relay carrier, left
- TV2 Terminal 30 wiring junction

- 500 Screw connection -1- (30), on relay plate
- 502 Screw connection -1- (30a), on relay plate
- A32 Positive (+) connection (30), in dash panel wiring harness
- D112 Connection -10-, in engine compartment wiring harness

<fo:ext Only models with automatic gearbox

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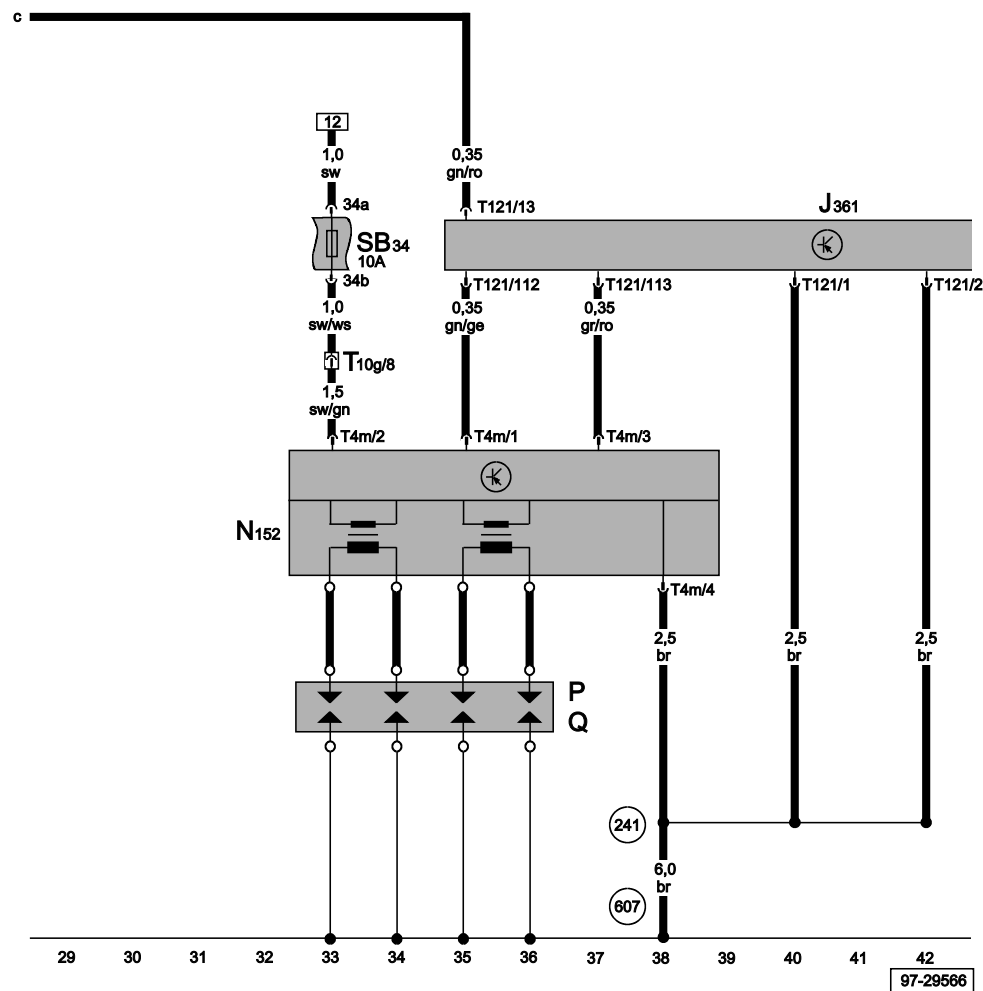
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

Simos control unit, ignition transformer

- J361 Simos control unit
- N152 Ignition transformer
- P Spark plug connector
- Q Spark plugs
- SB34 Fuse -34- on fuse box
- T4m 4-pin connector, yellow, on ignition transformer
- T10g 10-pin connector, red, coupling station under relay carrier, left
- T121 121-pin connector

241 Earth connection -2-, engine earth, in engine wiring harness

607 Earth point, on left in plenum chamber



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

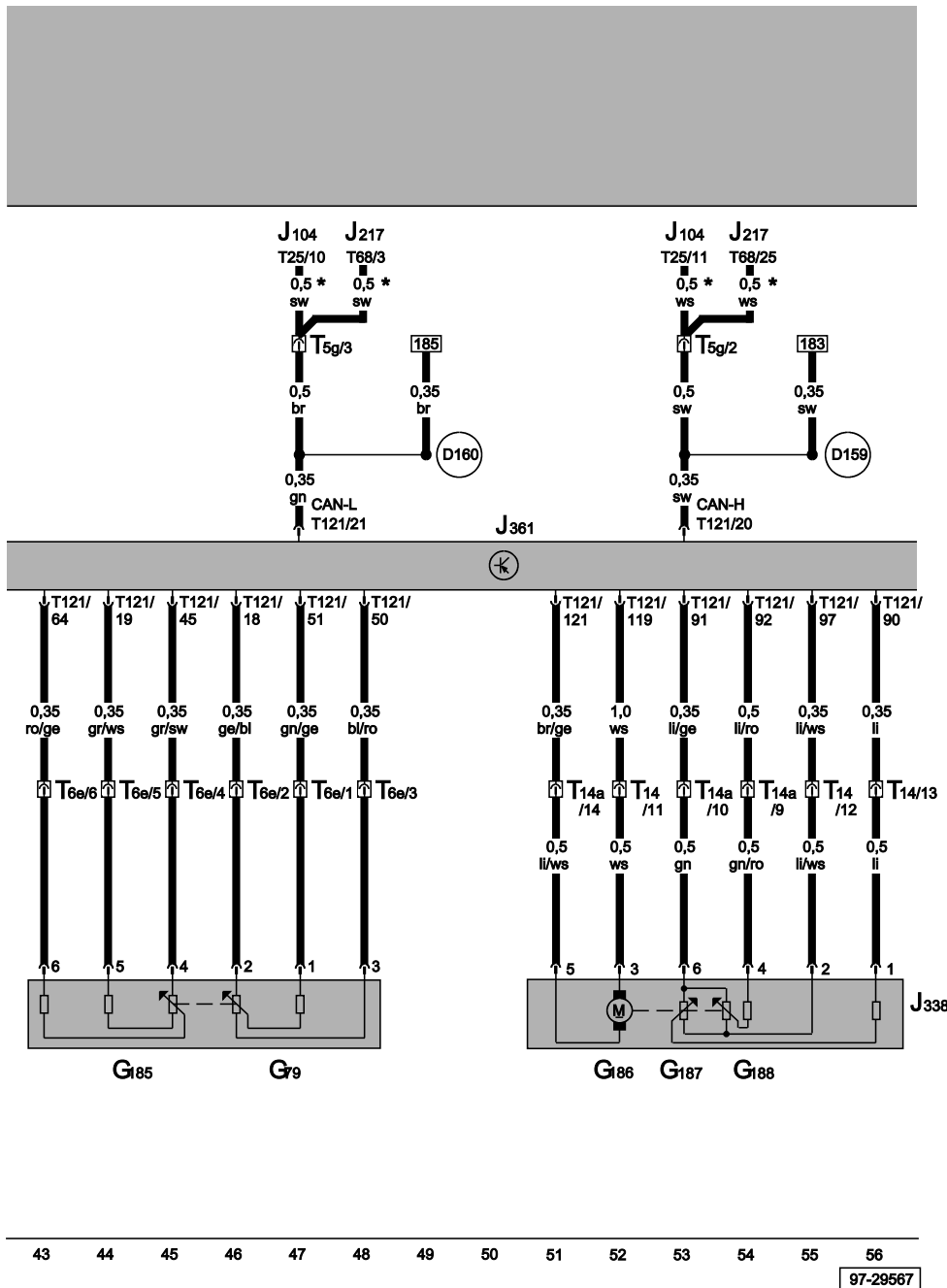
Simos control unit, accelerator pedal position sender, throttle valve control unit

- G79 Accelerator pedal position sender
- G185 Accelerator pedal position sender -2-
- G186 Throttle valve drive (electric throttle operation)
- G187 Throttle valve drive angle sender -1- (electric throttle operation)
- G188 Throttle valve drive angle sender -2- (electric throttle operation)
- J104 ABS with EDL control unit
- J217 Automatic gearbox control unit
- J338 Throttle valve control unit
- J361 Simos control unit
- T5g 5-pin connector, pink, coupling station under relay carrier, left
- T6e 6-pin connector, near accelerator pedal position sender
- T14 14-pin connector, in engine compartment
- T14a 14-pin connector, in engine compartment
- T25 25-pin connector
- T68 68-pin connector
- T121 121-pin connector

D159 Connection (high bus), in interior wiring harness

D160 Connection (low bus), in engine compartment wiring harness

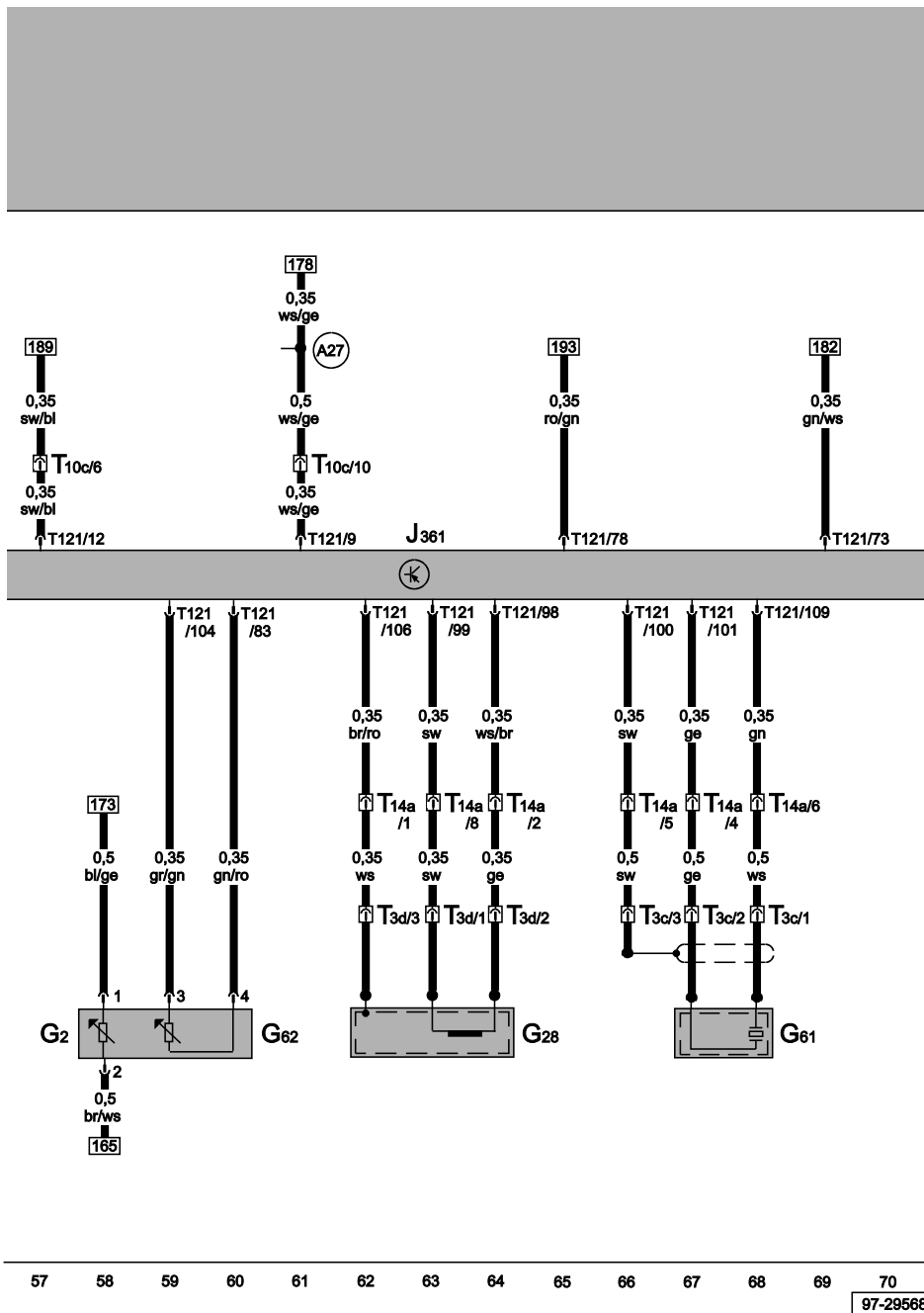
* Depends on equipment



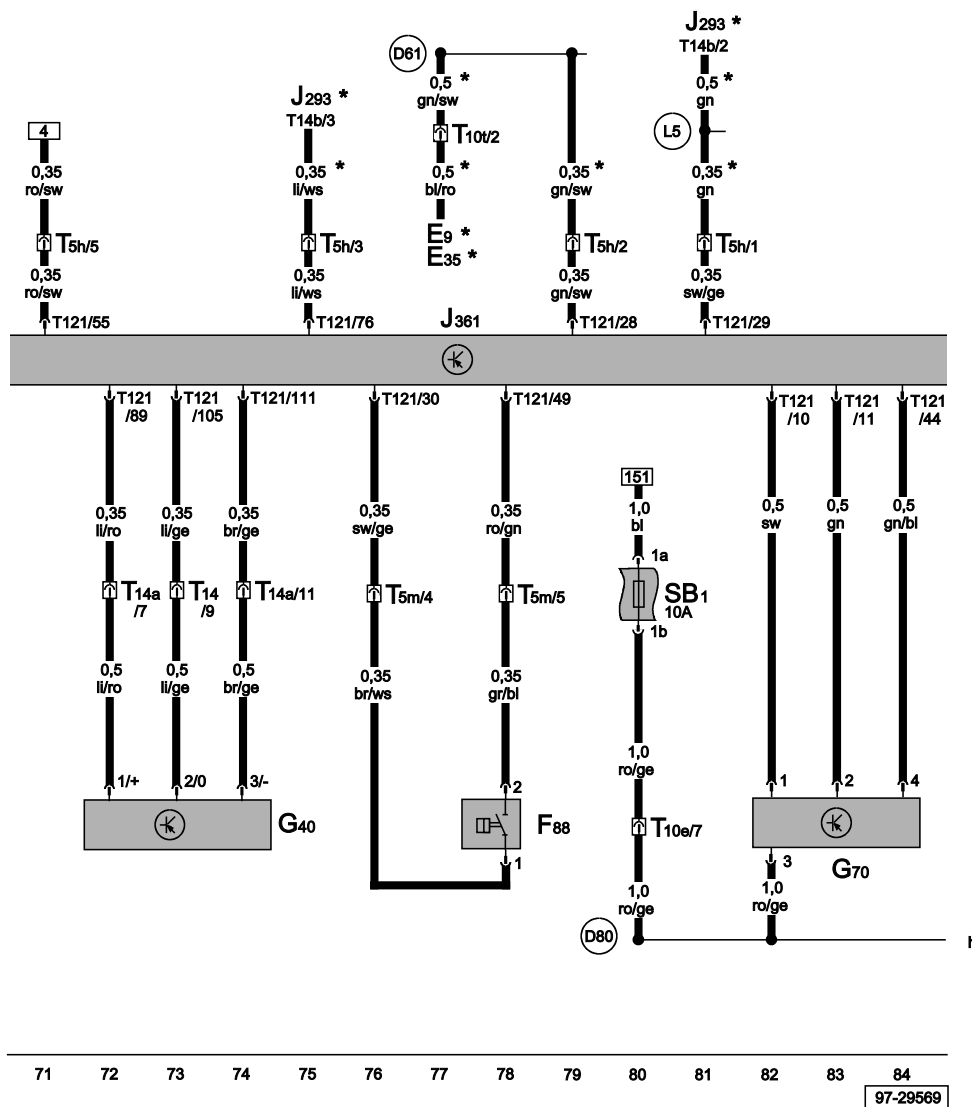
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

Simos control unit, coolant temperature sender, engine speed sender, knock sensor I

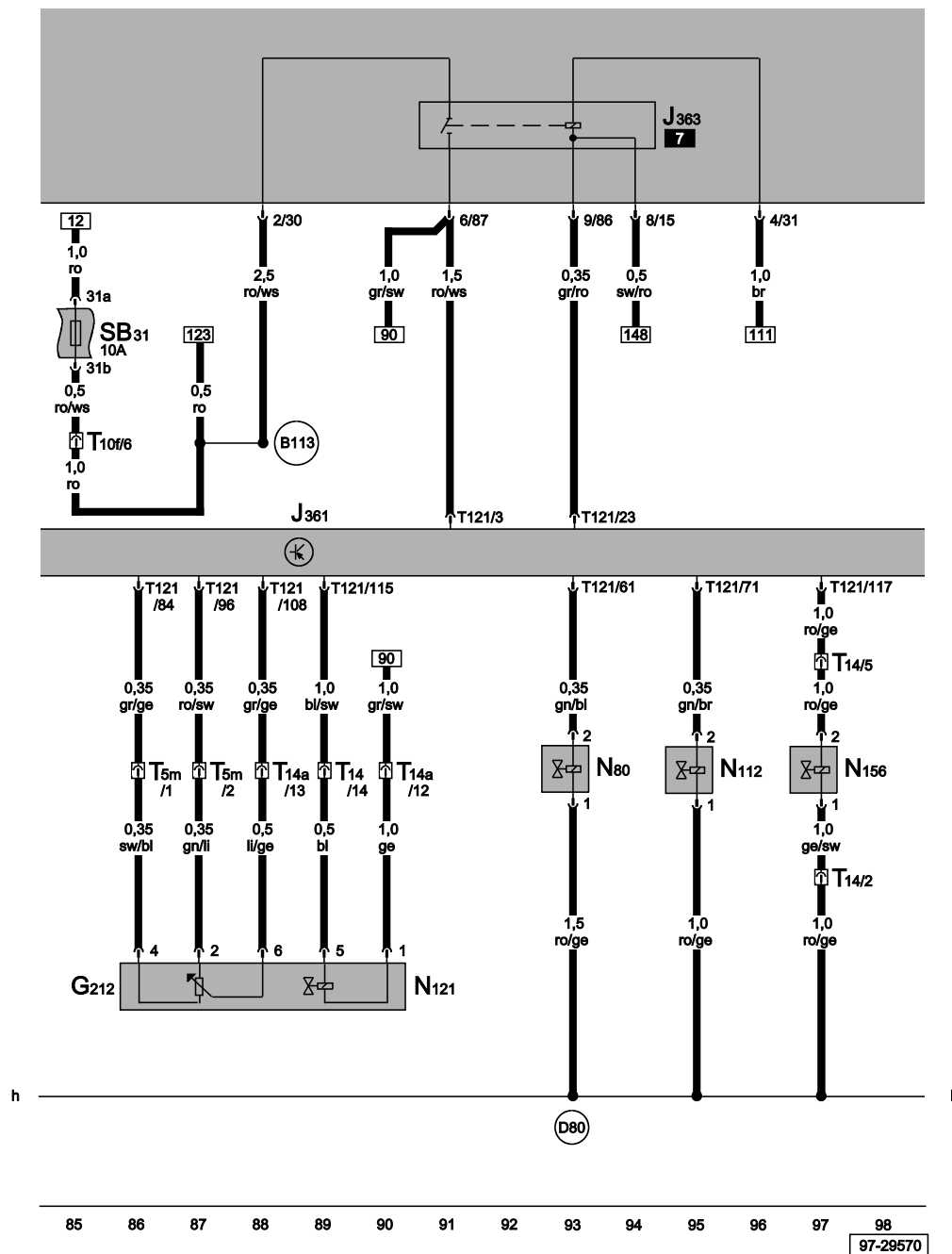
- G2 Coolant temperature sender
- G28 Engine speed sender
- G61 Knock sensor I
- G62 Coolant temperature sender
- J361 Simos control unit
- T3c 3-pin connector, near knock sensor I
- T3d 3-pin connector, near engine speed sender
- T10c 10-pin connector, brown, coupling station under relay carrier, left
- T14a 14-pin connector, in engine compartment
- T121 121-pin connector, on Motronic control unit
- A27 Connection (speed signal), in dash panel wiring harness



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



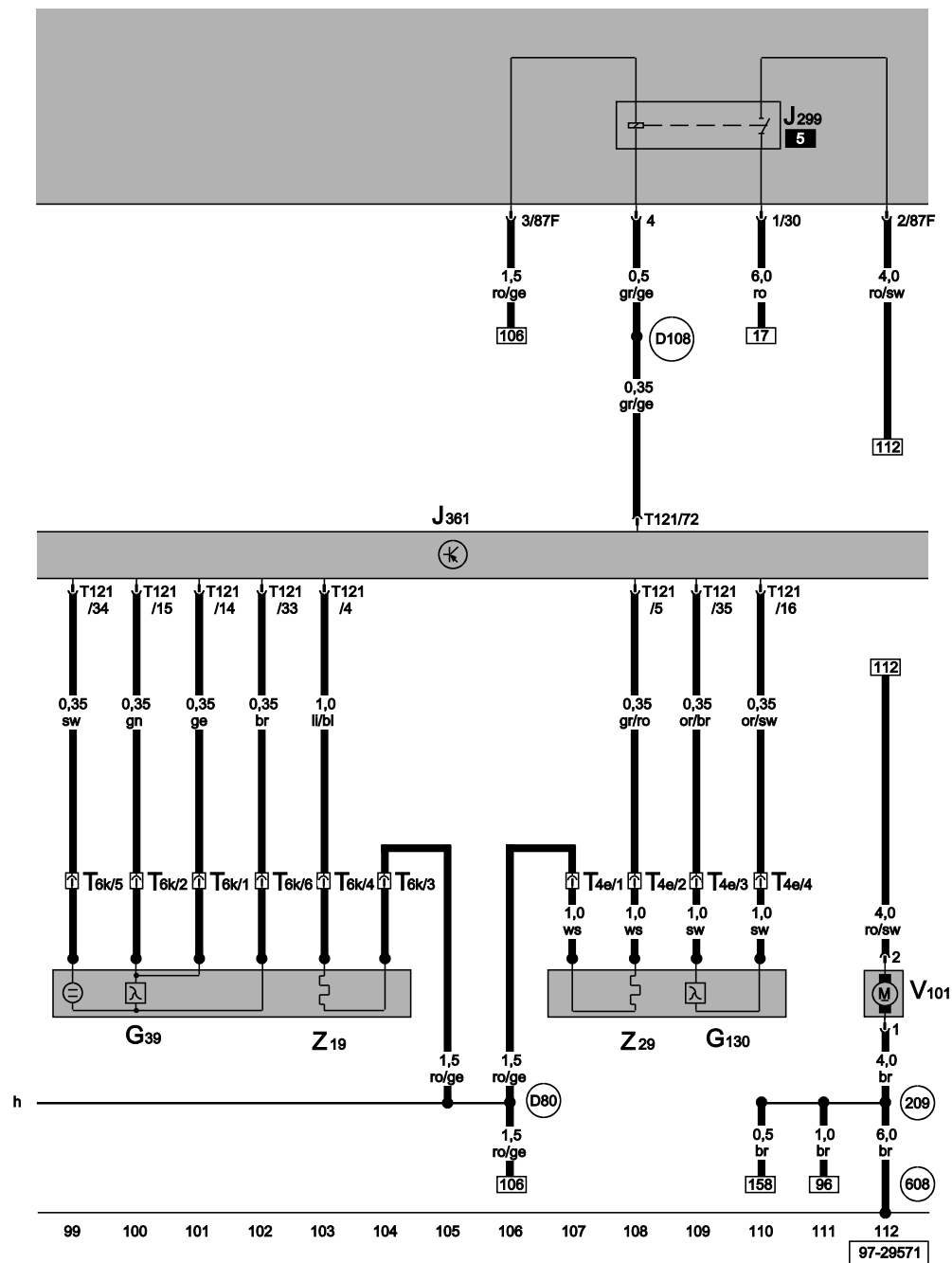
E9	Fresh air blower switch
E35	Air conditioner switch
F88	Power assisted steering pressure switch
G40	Hall sender
G70	Air mass meter
J293	Radiator fan control unit
J361	Simos control unit
SB1	Fuse -1- on fuse box
T5h	5-pin connector, brown, coupling station under relay carrier, left
T5m	5-pin connector, in engine compartment
T10e	10-pin connector, green, coupling station under relay carrier, left
T10t	10-pin connector, coupling station under relay carrier, left
T14	14-pin connector, in engine compartment
T14a	14-pin connector, in engine compartment
T14b	14-pin connector, on radiator fan control unit
T121	121-pin connector
D61	Connection (air conditioner), in engine compartment wiring harness
D80	Positive (+) connection (87a - for activated charcoal filter system solenoid valve), in engine compartment wiring harness
L5	Connection -1-, in air conditioner wiring harness
*	Only models with air conditioner



Exhaust gas recirculation potentiometer, exhaust gas recirculation frequency valve, activated charcoal filter system solenoid valve 1, secondary air inlet valve, Intake manifold change-over valve

- G212 Exhaust gas recirculation potentiometer
- J361 Simos control unit
- J363 Current supply relay for Simos control unit
- N80 Activated charcoal filter system solenoid valve 1 (pulsed)
- N112 Secondary air inlet valve
- N121 Exhaust gas recirculation frequency valve
- N156 Intake manifold change-over valve
- SB31 Fuse -31- on fuse box
- T5m 5-pin connector
- T10f 10-pin connector, purple, coupling station under relay carrier, left
- T14 14-pin connector, in engine compartment
- T14a 14-pin connector, in engine compartment
- T121 121-pin connector
- B113 Positive (+) connection (30a), in left interior wiring harness
- D80 Positive (+) connection (87a - for activated charcoal filter system solenoid valve), in engine compartment wiring harness

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



Simos control unit, lambda probe, lambda probe after catalyst, activated charcoal filter system solenoid valve 1, secondary air pump motor

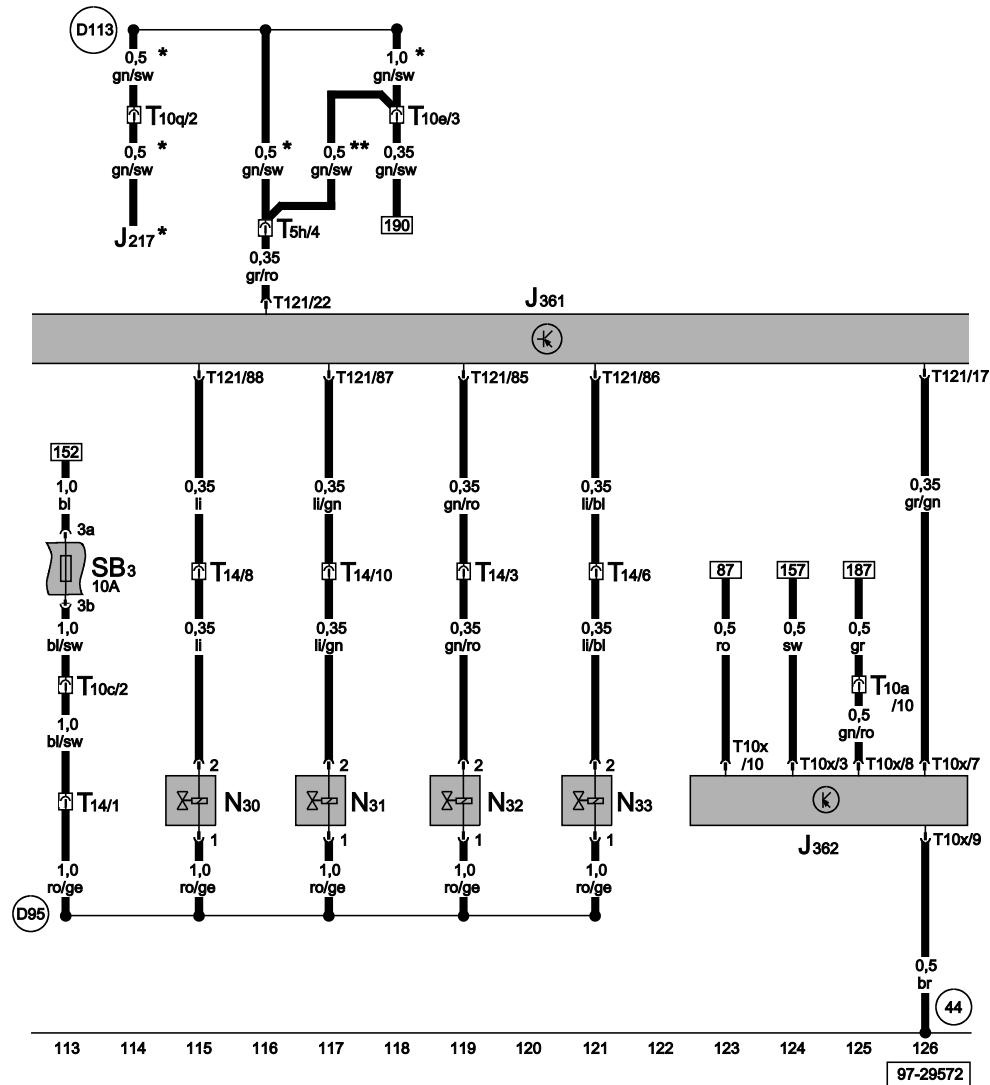
- G39 Lambda probe
- G130 Lambda probe after catalyst
- J299 Secondary air pump relay
- J361 Simos control unit
- T4e 4-pin connector, near lambda probe
- T6k 6-pin connector, near lambda probe
- T121 121-pin connector
- V101 Secondary air pump motor
- Z19 Lambda probe heater
- Z29 Lambda probe 1 heater, after catalyst
- 209 Earth connection -6-, in engine compartment wiring harness
- 608 Earth point, in centre of plenum chamber
- D80 Positive (+) connection (87a - for activated charcoal filter system solenoid valve), in engine compartment wiring harness
- D108 Connection -6-, in engine compartment wiring harness

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

Simos control unit, injectors, immobilizer control unit

- J217 Automatic gearbox control unit
- J361 Simos control unit
- J362 Immobilizer control unit
- N30 Injector, cylinder 1
- N31 Injector, cylinder 2
- N32 Injector, cylinder 3
- N33 Injector, cylinder 4
- SB3 Fuse -3- on fuse box
- T5h 5-pin connector, brown, coupling station under relay carrier, left
- T10a 10-pin connector, black, coupling station under relay carrier, left
- T10c 10-pin connector, brown, coupling station under relay carrier, left
- T10e 10-pin connector, green, coupling station under relay carrier, left
- T10q 10-pin connector, blue, coupling station under relay carrier, left
- T10x 10-pin connector, on immobilizer control unit
- T14 14-pin connector, in engine compartment
- T121 121-pin connector

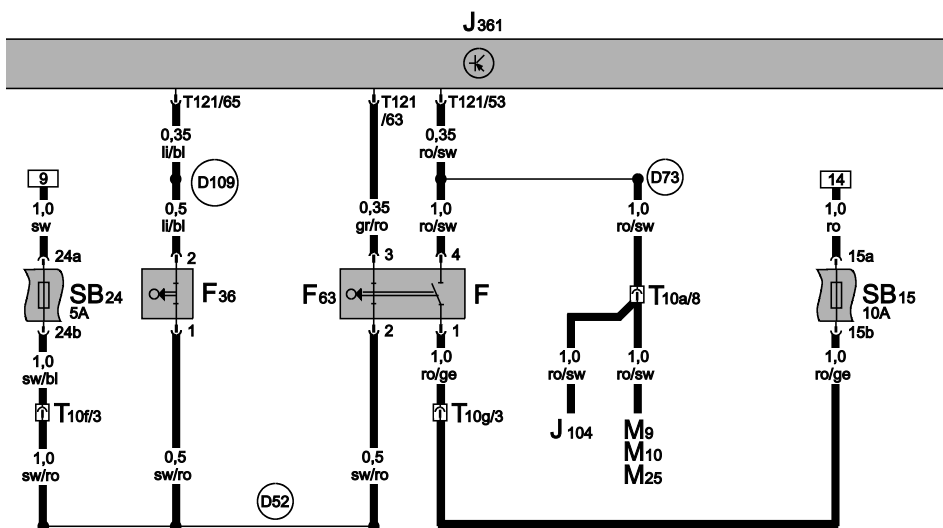
- 44 Earth point, lower part of left A-pillar
- D95 Connection (injectors), in engine compartment wiring harness
- D113 Connection -11-, in engine compartment wiring harness
- * Only models with automatic gearbox
- ** Only models with manual gearbox



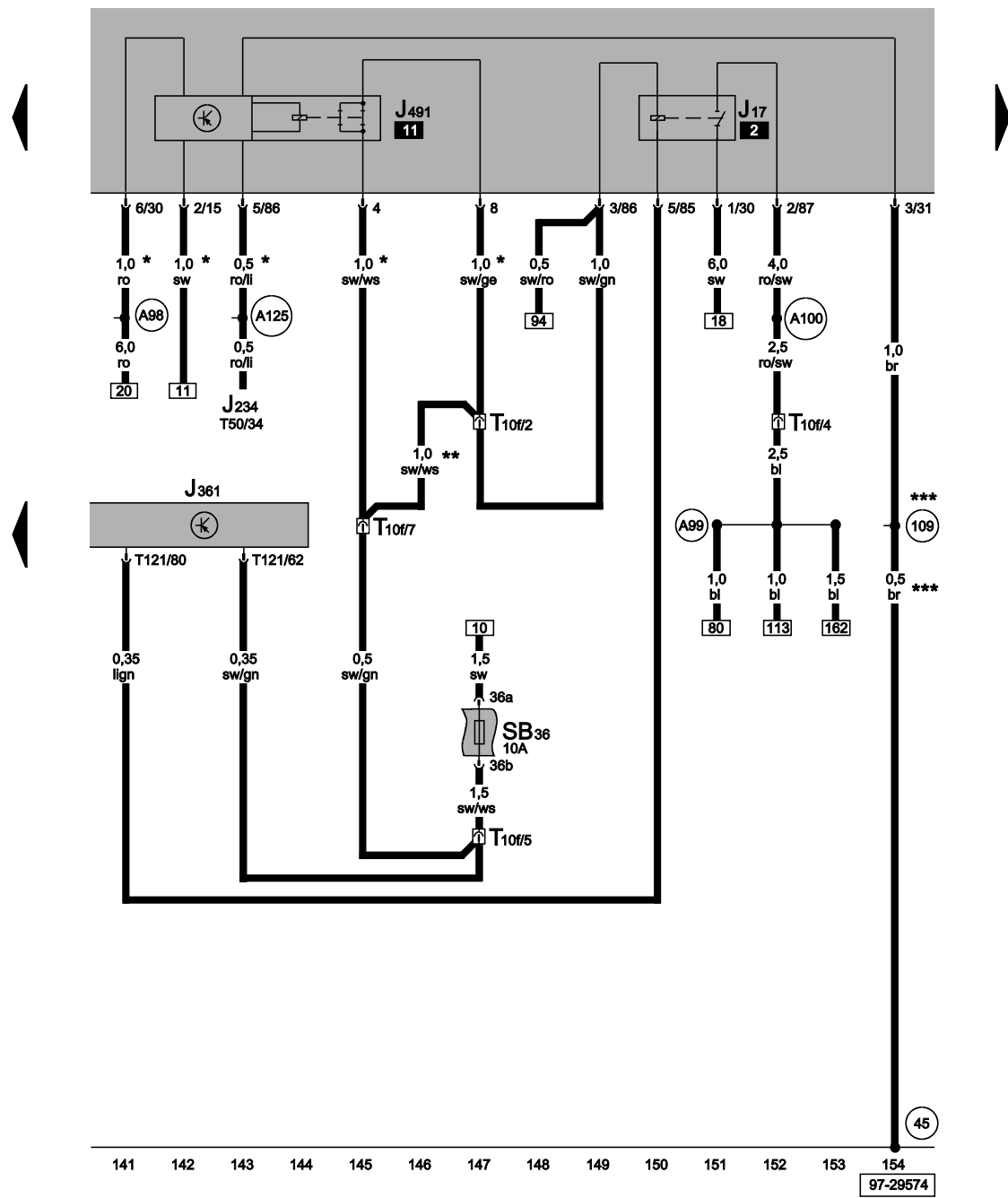
Simos control unit, brake pedal switch, brake light switch, clutch pedal switch

- F Brake light switch
- F36 Clutch pedal switch
- F63 Brake pedal switch
- J104 ABS with EDL control unit
- J361 Simos control unit
- M9 Brake light bulb, left
- M10 Brake light bulb, right
- M25 High level brake light bulb
- SB15 Fuse -15- on fuse box
- SB24 Fuse -24- on fuse box
- T10a 10-pin connector, black, coupling station under relay carrier, left
- T10f 10-pin connector, purple, coupling station under relay carrier, left
- T10g 10-pin connector, red, coupling station under relay carrier, left
- T121 121-pin connector

- (D52) Positive (+) connection (15a), in engine compartment wiring harness
- (D73) Positive (+) connection (54), in engine compartment wiring harness
- (D109) Connection -7-, in engine compartment wiring harness



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



Simos control unit, fuel pump relay, fuel shut-off control unit (Crash)

- J17 Fuel pump relay
- J361 Simos control unit
- J234 Airbag control unit
- J491 Fuel shut-off control unit (crash)
- SB36 Fuse -36- on fuse box
- T10f 10-pin connector, purple, coupling station under relay carrier, left
- T50 50-pin connector, on airbag control unit
- T121 121-pin connector

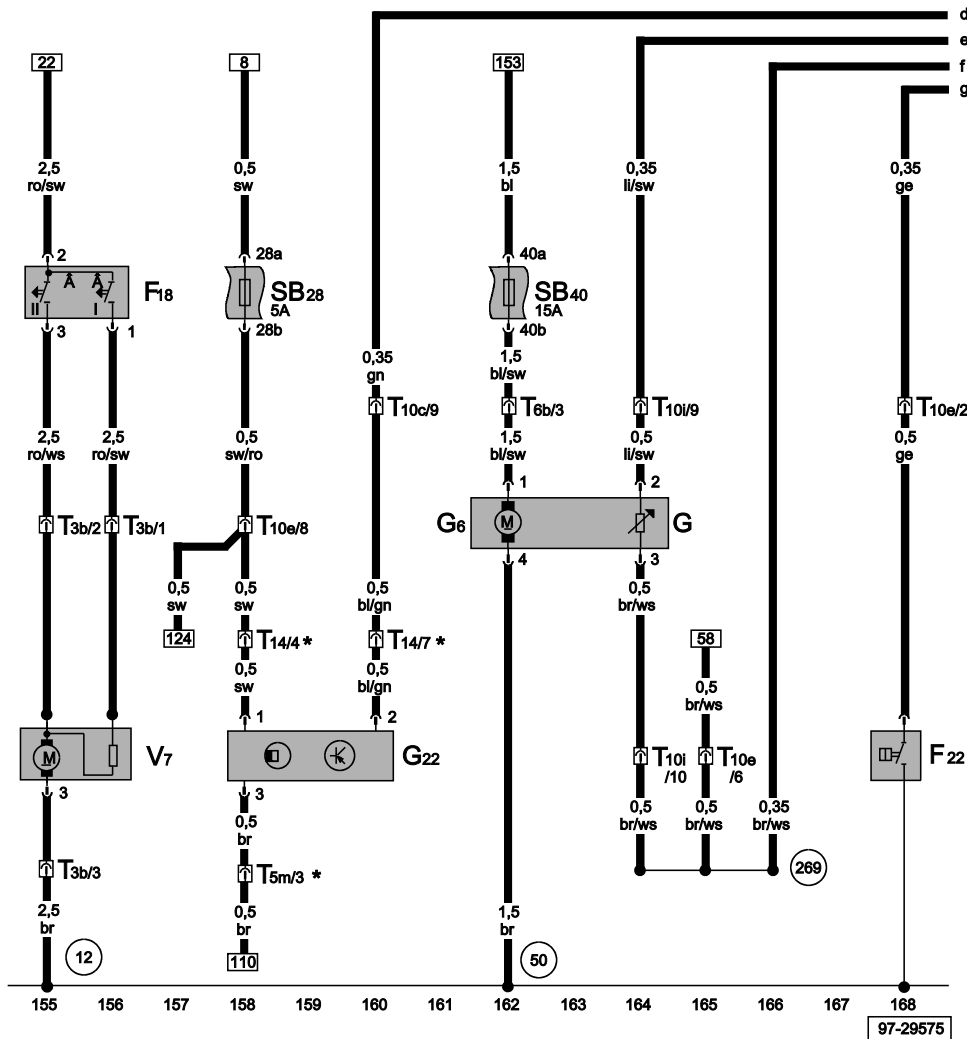
- 45 Earth point, behind dash panel - centre
- 109 Earth connection, in airbag wiring harness
- A98 Positive (+) connection -4- (30), in dash panel wiring harness
- A99 Connection -1- (87), in dash panel wiring harness
- A100 Connection -2- (87), in dash panel wiring harness
- A125 Connection (crash signal), in dash panel wiring harness

- * Only models with airbags
- ** Only models without airbags
- *** Does not models with driver airbag

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

Oil pressure switch, fuel pump, speedometer sender, radiator fan, radiator fan thermo-switch, fuel gauge sender

- F18 Radiator fan thermo-switch
- F22 Oil pressure switch (0,3 bar)
- G Fuel gauge sender
- G6 Fuel pump (pre-supply pump)
- G22 Speedometer sender (Hall sender, on gearbox)
- SB28 Fuse -28- on fuse box
- SB40 Fuse -40- on fuse box
- T3b 3-pin connector, on radiator fan
- T5m 5-pin connector
- T6b 6-pin connector, grey, coupling station under relay carrier, left
- T10c 10-pin connector, brown, coupling station under relay carrier, left
- T10e 10-pin connector, green, coupling station under relay carrier, left
- T10i 10-pin connector, orange, coupling station under relay carrier, left
- T14 14-pin connector, in engine compartment
- V7 Radiator fan
- 12 Earth point, left in engine compartment
- 50 Earth point, on left luggage compartment
- 269 Earth connection (sender earth) -1-, in dash panel wiring harness
- * Only models with automatic gearbox



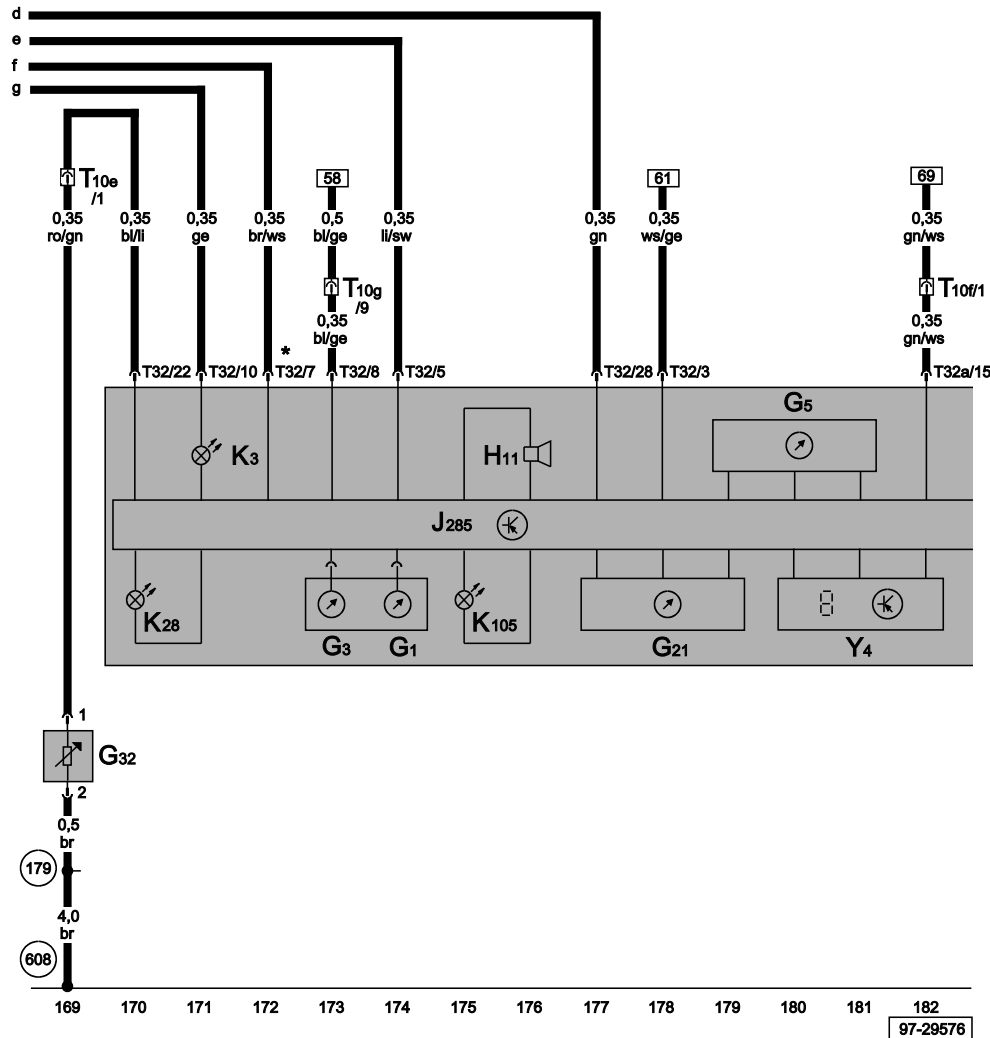
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 rs = pink

Control unit with display in dash panel insert, coolant shortage indicator sender, oil pressure warning lamp, rev. counter, speedometer, odometer display

- G1 Fuel gauge
- G3 Coolant temperature gauge
- G5 Rev. counter
- G21 Speedometer
- G32 Coolant shortage indicator sender
- H11 Oil pressure warning buzzer
- J285 Control unit with display in dash panel insert
- K3 Oil pressure warning lamp
- K28 Coolant temperature/coolant shortage warning lamp
- K105 Reserve fuel warning lamp
- T10e 10-pin connector, green, coupling station under relay carrier, left
- T10f 10-pin connector, purple, coupling station under relay carrier, left
- T10g 10-pin connector, red, coupling station under relay carrier, left
- T32 32-pin connector, blue, on dash panel insert
- T32a 32-pin connector, green, on dash panel insert
- Y4 Odometer display

- 179 Earth connection, in left headlight wiring harness
- 608 Earth point, in centre of plenum chamber
- * Output for signal earth

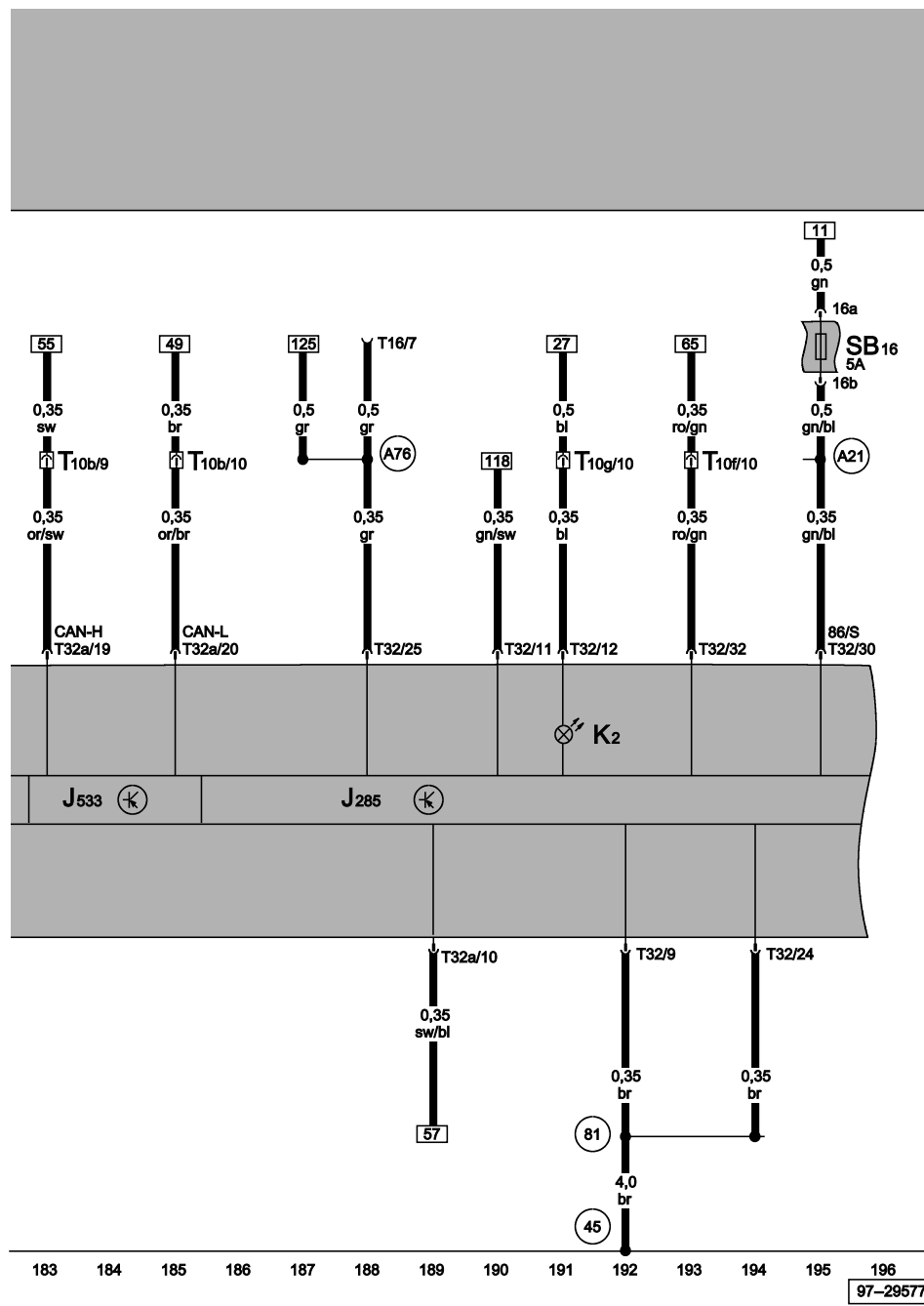
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Control unit with display in dash panel insert, diagnostic connector, alternator warning lamp, data bus diagnostic interface

- J285 Control unit with display in dash panel insert
- J533 Data bus diagnostic interface
- K2 Alternator warning lamp
- SB16 Fuse -16- on fuse box
- T10b 10-pin connector, white, coupling station under relay carrier, left
- T10f 10-pin connector, purple, coupling station under relay carrier, left
- T10g 10-pin connector, red, coupling station under relay carrier, left
- T16 16-pin connector, diagnostic connector
- T32 32-pin connector, blue, on dash panel insert
- T32a 32-pin connector, green, on dash panel insert

- 45 Earth point, behind dash panel - centre
- 81 Earth connection -1-, in dash panel wiring harness
- A21 Connection (86s), in dash panel wiring harness
- A76 Connection (diagnosis wire K), in dash panel wiring harness



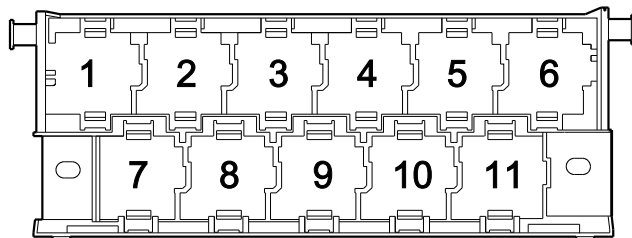
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- rs = pink

Basic equipment

From May 2001

For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.

Relay locations on relay plate:



97-22850

- 4 - Dual tone horn relay (404)
- 5 - X contact relief relay (100)
- 8 - Automatic intermittent wash/wipe relay (19)
- 9 - Rear window wiper/washer relay (174)

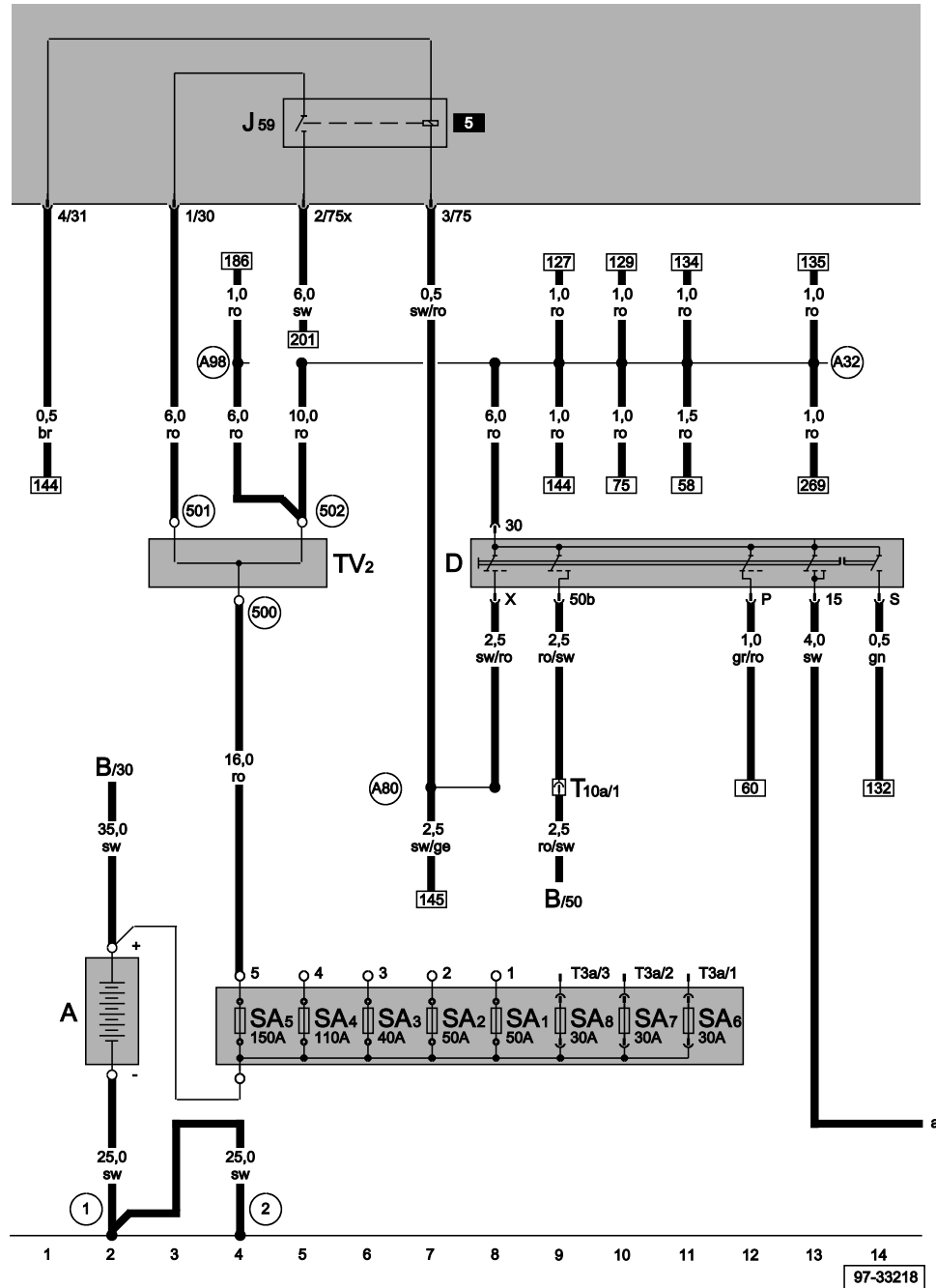


Note:

- ♦ The number in brackets behind the part designation denotes the control number on the housing.

Fuse colours

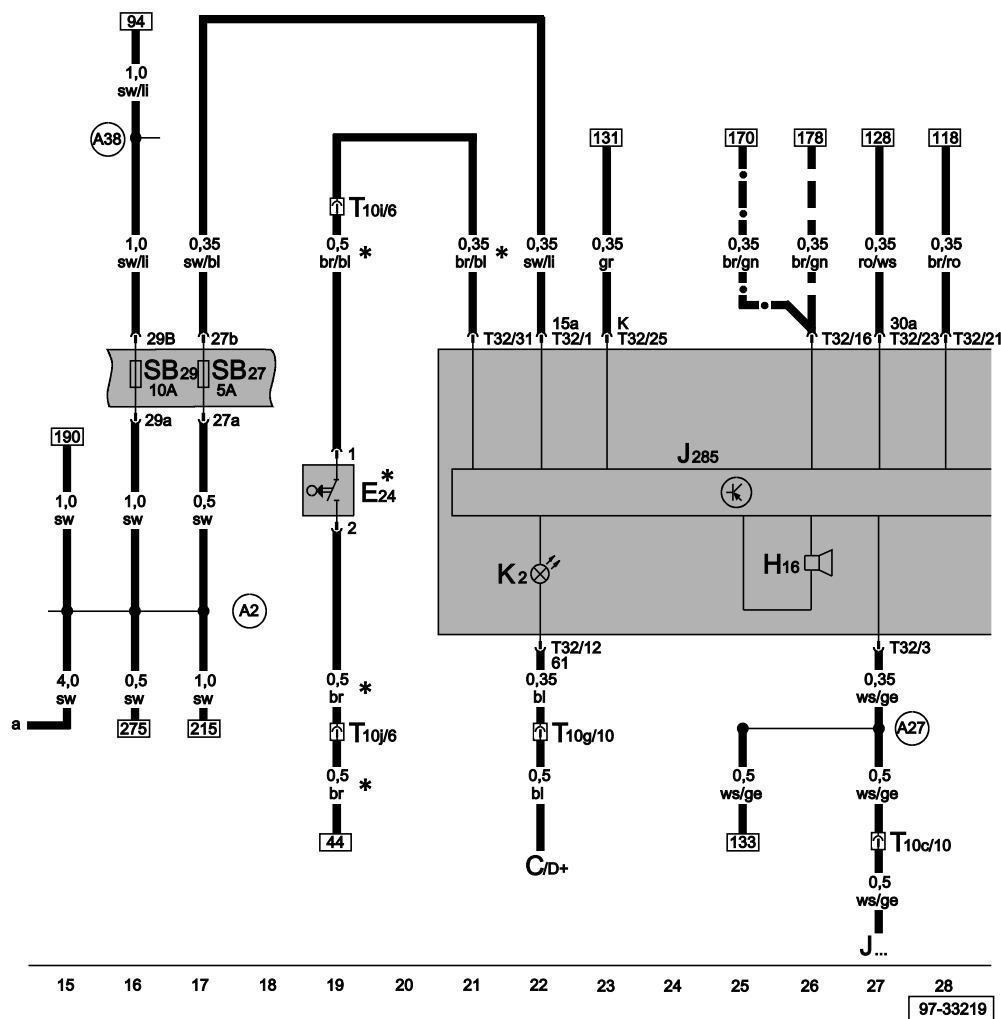
- 30 A - green
- 25 A - white
- 20 A - yellow
- 15 A - blue
- 10 A - red
- 7.5 A - brown
- 5 A - beige
- 3 A - purple



Fuses, battery, ignition/starter switch, X contact relief relay

- A Battery
- B Starter
- D Ignition/starter switch
- J59 X contact relief relay
- SA1 Fuse -1- on battery fuse box
- SA2 Fuse -2- on battery fuse box
- SA3 Fuse -3- on battery fuse box
- SA4 Fuse -4- on battery fuse box
- SA5 Fuse -5- on battery fuse box
- SA6 Fuse -6- on battery fuse box
- SA7 Fuse -7- on battery fuse box
- SA8 Fuse -8- on battery fuse box
- T3a 3-pin connector, on battery fuse box
- T10a 10-pin connector, black, coupling station under relay carrier, left
- TV2 Terminal 30 junction box
- 1 Earth strap, battery - body
- 2 Earth strap, gearbox - body
- 500 Screw connection -1- (30), on relay plate
- 501 Screw connection -2- (30), on relay plate
- 502 Screw connection -1- (30a), on relay plate
- A32 Positive (+) connection (30), in dash panel wiring harness
- A80 Connection -1- (X), in dash panel wiring harness
- A98 Positive (+) connection -4- (30), in dash panel wiring harness

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Fuses, belt switch, driver's side, dash panel insert

- C Alternator
- E24 Belt switch, driver's side
- H16 Lights switched on warning buzzer
- J... Engine control units
- J285 Control unit with display in dash panel insert
- K2 Alternator warning lamp
- SB27 Fuse -27- on fuse box
- SB29 Fuse -29- on fuse box
- T10c 10-pin connector, brown, coupling station under relay carrier, left
- T10g 10-pin connector, red, coupling station under relay carrier, left
- T10i 10-pin connector, orange, coupling station under relay carrier, left
- T10j 10-pin connector, grey, coupling station under relay carrier, left
- T32 32-pin connector, blue, on dash panel insert
- A2 Positive (+) connection (15), in dash panel wiring harness
- A27 Connection (speed signal), in dash panel wiring harness
- A38 Positive (+) connection -2- (15a), in dash panel wiring harness
- * Only models with seat belt warning

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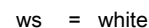
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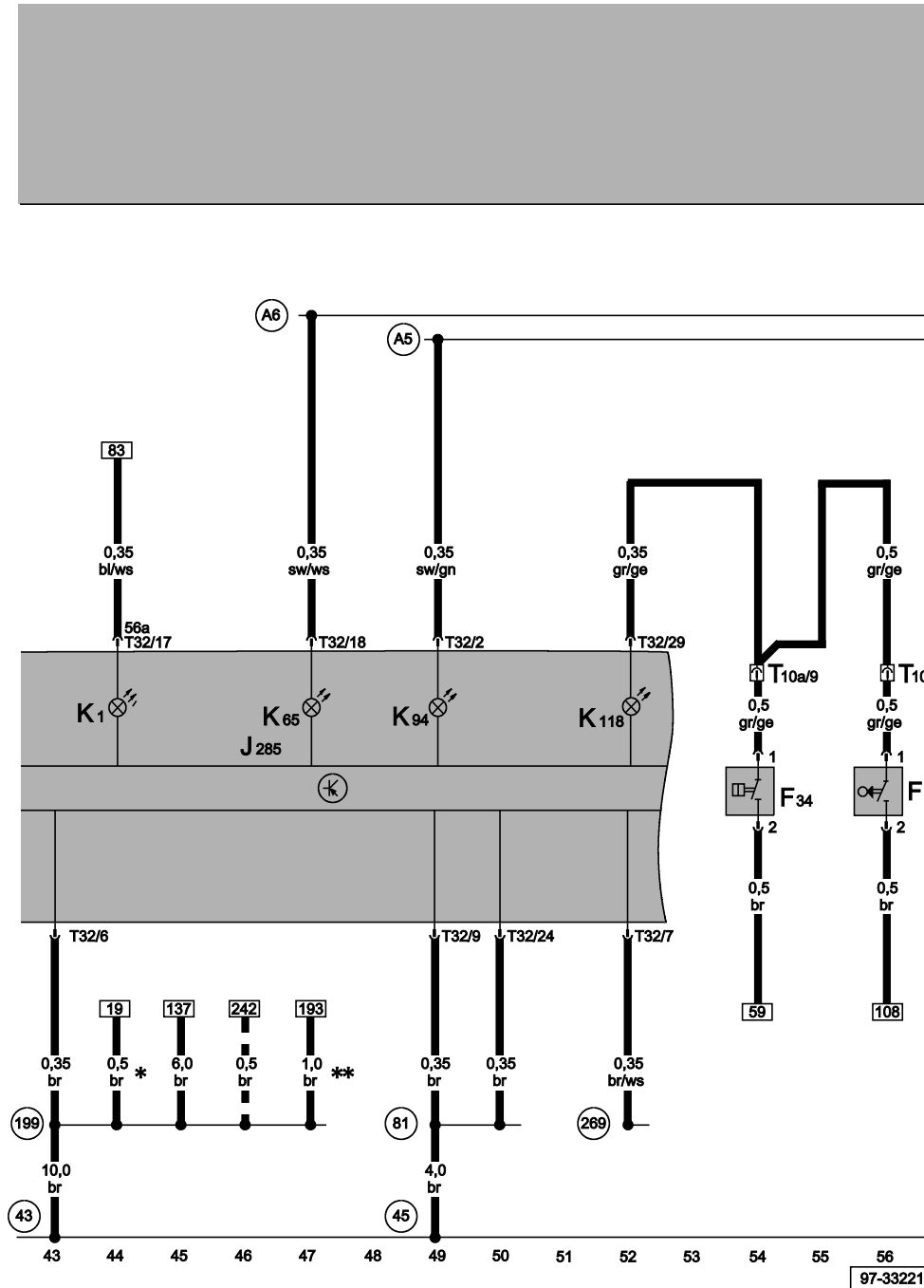
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Handbrake warning switch, brake fluid level warning contact, dash panel insert

- F9 Handbrake warning switch
- F34 Brake fluid level warning contact
- J285 Control unit with display in dash panel insert
- K1 Main beam warning lamp
- K65 Left turn signal warning lamp
- K94 Right turn signal warning lamp
- K118 Brake system warning lamp
- T10a 10-pin connector, black, coupling station under relay carrier, left
- T10h 10-pin connector, light green, coupling station under relay carrier, left
- T32 32-pin connector, blue, on dash panel insert

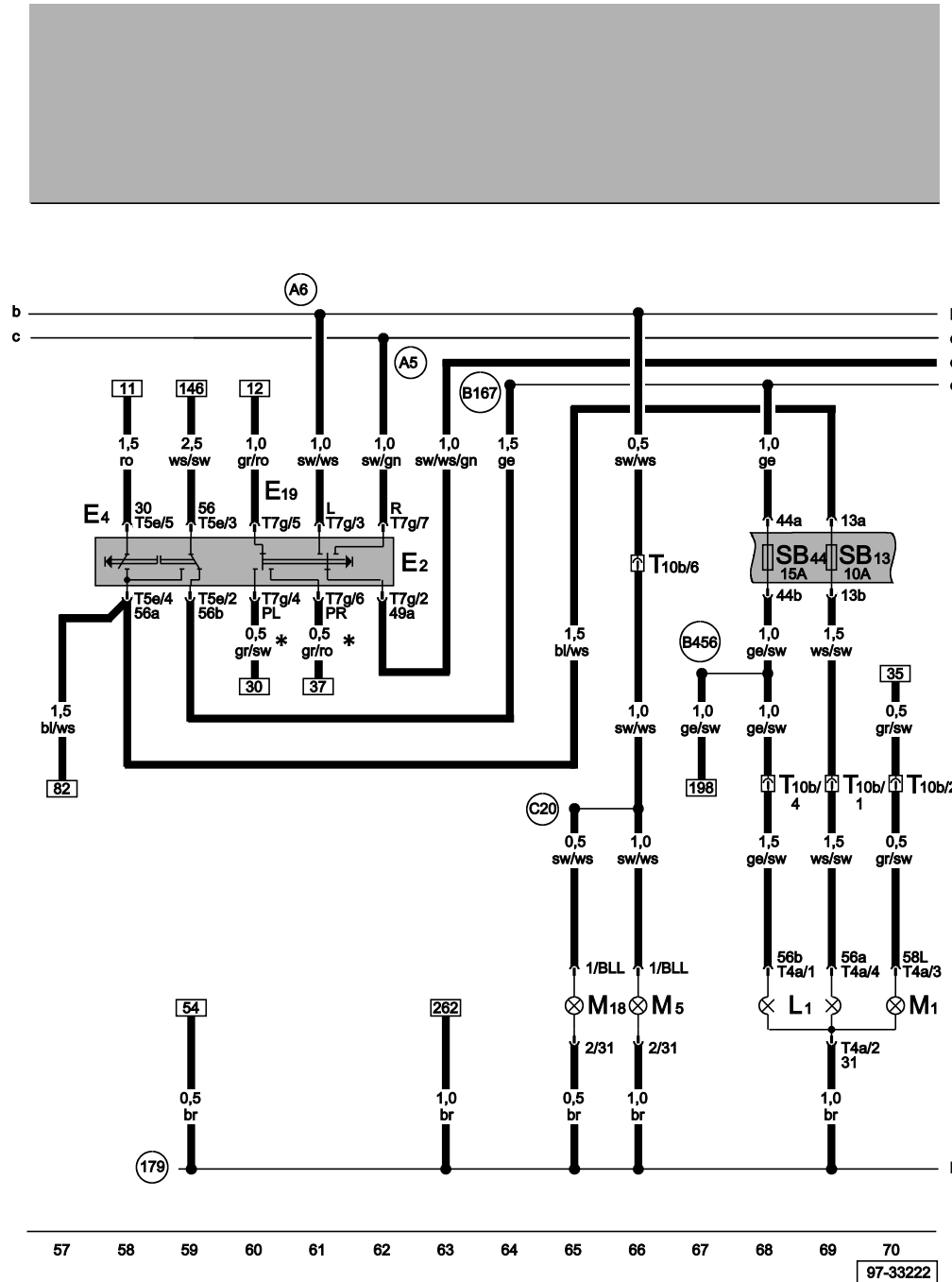
- 43 Earth point, lower part of right A-pillar
- 45 Earth point, behind dash panel - centre
- 81 Earth connection -1-, in dash panel wiring harness
- 199 Earth connection -3-, in dash panel wiring harness
- 269 Earth connection (sender earth) -1-, in dash panel wiring harness
- A5 Positive (+) connection (right turn signal), in dash panel wiring harness
- A6 Positive (+) connection (left turn signal), in dash panel wiring harness
- * Only models with seat belt warning
- ** Only models with dual tone horn

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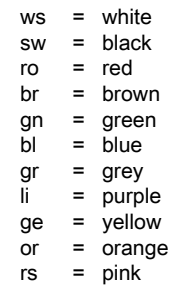


Fuses, turn signal switch, parking light switch, headlight, left, turn signal front left

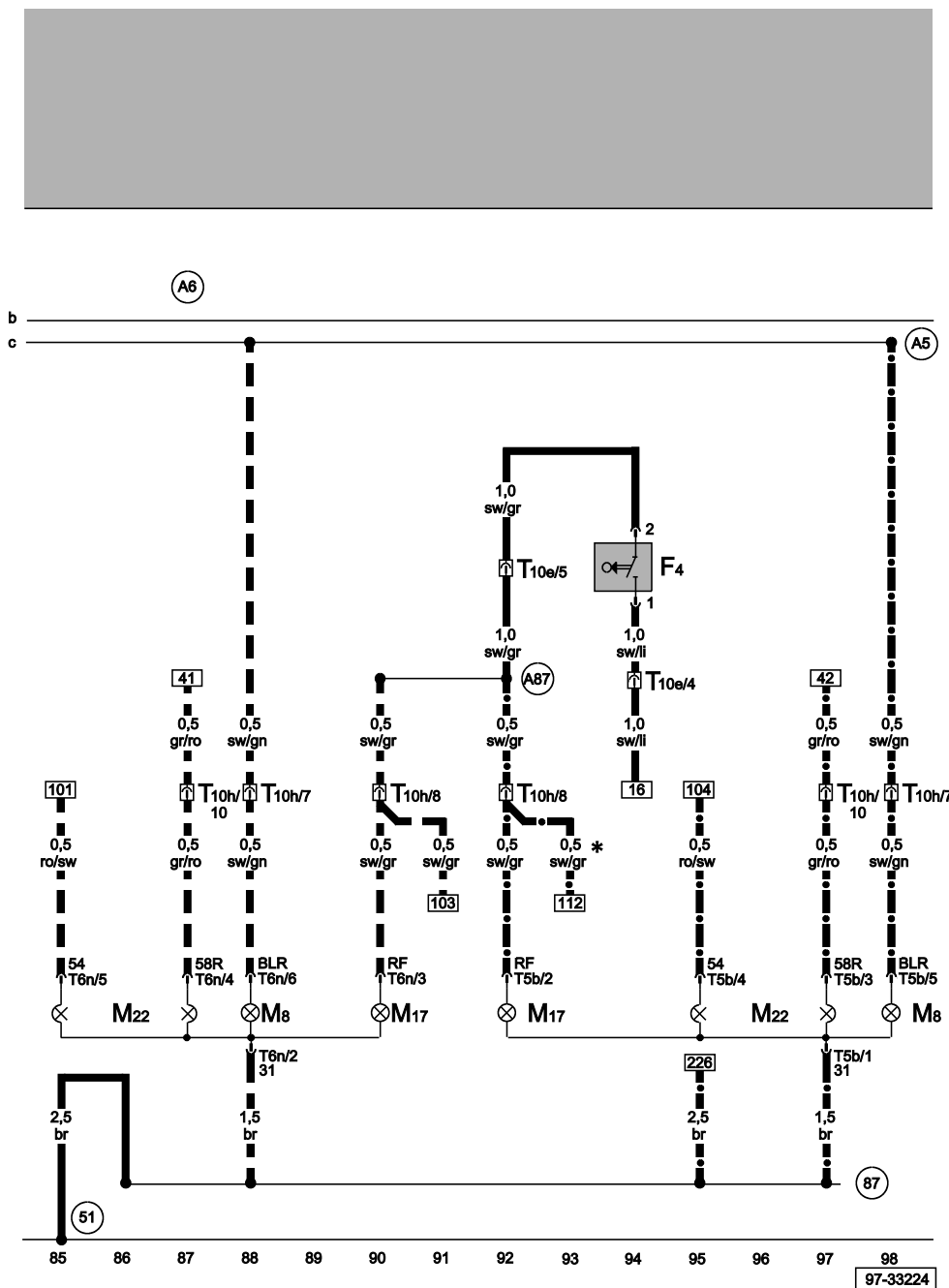
- E2 Turn signal switch
- E4 Headlight dipper/flasher switch
- E19 Parking light switch
- L1 Twin filament bulb for headlight, left
- M1 Side light bulb, left
- M5 Turn signal bulb, front left
- M18 Side turn signal bulb, left
- SB13 Fuse -13- on fuse box
- SB44 Fuse -44- on fuse box
- T4a 4-pin connector, in headlight, left
- T5e 5-pin connector
- T7g 7-pin connector
- T10b 10-pin connector, white, coupling station under relay carrier, left

- 179 Earth connection, in left headlight wiring harness
- A5 Positive (+) connection (right turn signal), in dash panel wiring harness
- A6 Positive (+) connection (left turn signal), in dash panel wiring harness
- B167 Connection (56b), in interior wiring harness
- B456 Connection (56b), in main wiring harness
- C20 Connection (turn signal, left), in headlight wiring harness
- * Only models without daytime driving lights

ws = white
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ge = yellow
or = orange
rs = pink



- 12 Earth point, left in engine compartment
- 179 Earth connection, in left headlight wiring harness
- A5 Positive (+) connection (right turn signal), in dash panel wiring harness
- A6 Positive (+) connection (left turn signal), in dash panel wiring harness
- A52 Positive (+) connection -2- (30), in dash panel wiring harness
- B167 Connection (56b), in interior wiring harness
- B247 Connection -2- (56b), in interior wiring harness
- C19 Connection -1- (turn signal, right), in headlight wiring harness



Reversing light switch, brake and tail light bulb, right

- F4 Reversing light switch
- M8 Turn signal bulb, rear right
- M17 Reversing light bulb, right
- M22 Brake and tail light bulb, right
- T5b 5-pin connector, on right tail light
- T6n 6-pin connector, on right tail light
- T10e 10-pin connector, green, coupling station under relay carrier, left
- T10h 10-pin connector, light green, coupling station under relay carrier, left

- 51 Earth point, right luggage compartment
- 87 Earth connection -2-, in rear wiring harness
- A5 Positive (+) connection (right turn signal), in dash panel wiring harness
- A6 Positive (+) connection (left turn signal), in dash panel wiring harness
- A87 Connection (reversing light), in dash panel wiring harness

* Only models without rear fog light

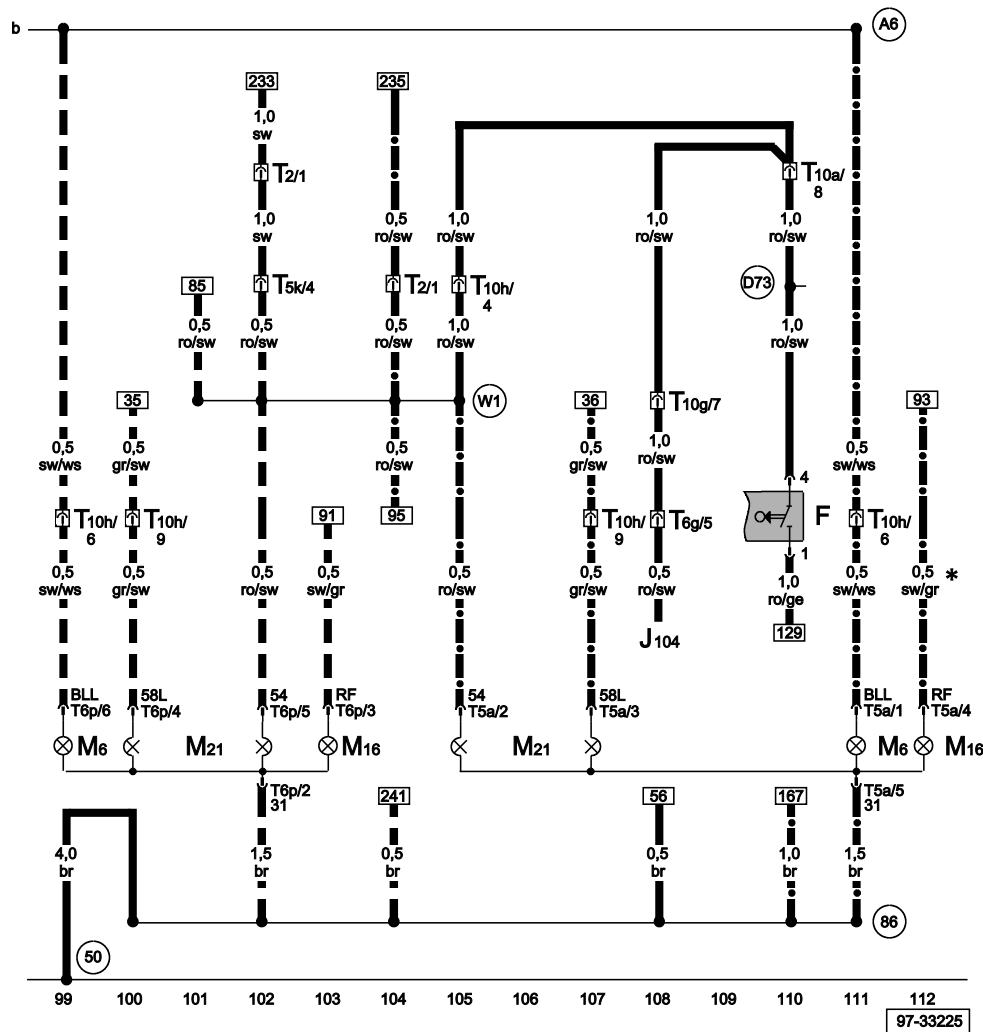
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Brake light switch, brake and tail light bulb, left

- F Brake light switch
- J104 ABS with EDL control unit
- M6 Turn signal bulb, rear left
- M16 Reversing light bulb, left
- M21 Brake and tail light bulb, left
- T2 2-pin connector
- T5a 5-pin connector, on left tail light
- T5k 5-pin connector, on right C-pillar
- T6g 6-pin connector, black, coupling station under relay carrier, left
- T6p 6-pin connector, on left tail light
- T10a 10-pin connector, black, coupling station under relay carrier, left
- T10g 10-pin connector, red, coupling station under relay carrier, left
- T10h 10-pin connector, light green, coupling station under relay carrier, left

- 50 Earth point, on left luggage compartment
- 86 Earth connection -1-, in rear wiring harness
- A6 Positive (+) connection (left turn signal), in dash panel wiring harness
- D73 Positive (+) connection (54), in engine compartment wiring harness
- W1 Positive (+) connection -1- (54), in rear wiring harness

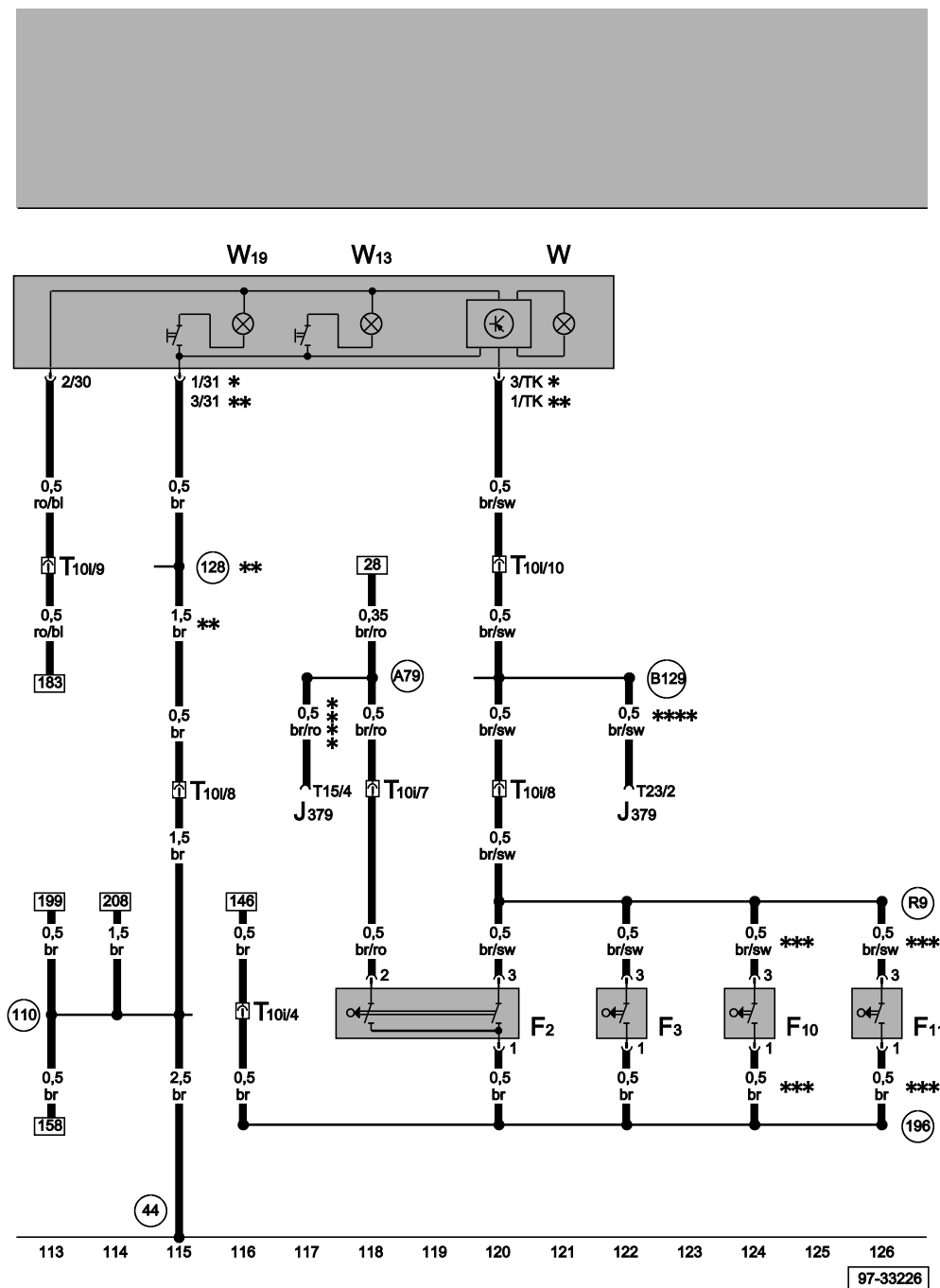
* Only models without rear fog light

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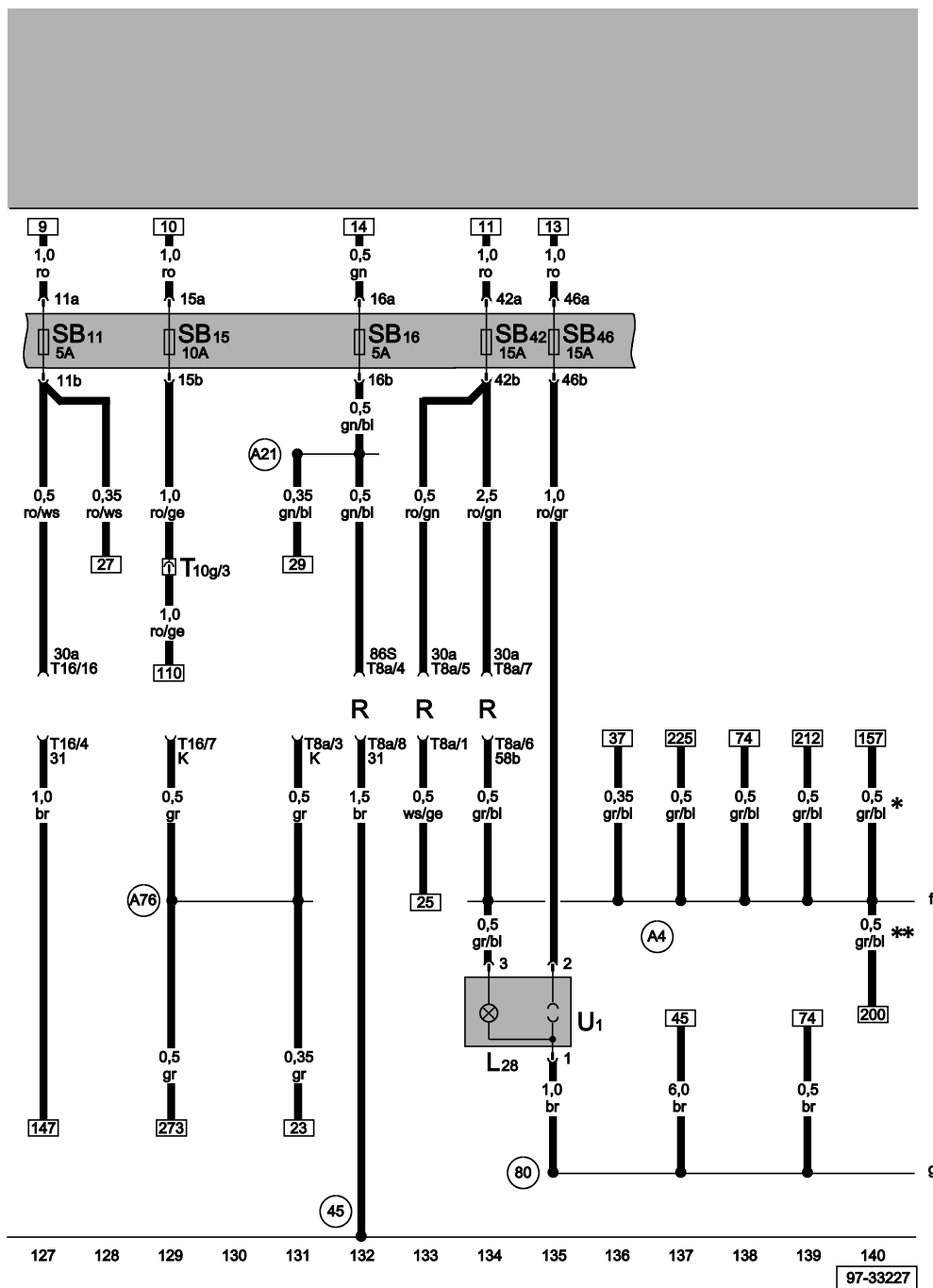


Interior light, door contact switch

- F2 Door contact switch, driver's side
- F3 Door contact switch, front passenger's side
- F10 Rear left door contact switch
- F11 Rear right door contact switch
- J379 Central locking and anti-theft alarm system control unit
- T10i 10-pin connector, orange, coupling station under relay carrier, left
- T10i 10-pin connector, on part of left A-pillar
- T15 15-pin connector
- T23 23-pin connector
- W front interior light
- W13 Front passenger reading light
- W19 Reading light, driver's side

- 44 Earth point, lower part of left A-pillar
- 110 Earth connection -2-, in instruments wiring harness
- 128 Earth connection -1-, in interior light wiring harness
- 196 Earth connection -3-, in rear wiring harness
- A79 Connection (hot light switch), in dash panel wiring harness
- B129 Connection (interior light, 311), in interior wiring harness
- R9 Connection (door contact switch), in rear wiring harness
- * Only models with reading light
- ** Only models with sliding sunroof
- *** Only 4-door models
- **** Only models with radio-operated remote control

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Fuses, cigarette lighter, connection for radio, diagnostic connector

- L28 Cigarette lighter light bulb
- R Radio
- SB11 Fuse -11- on fuse box
- SB15 Fuse -15- on fuse box
- SB16 Fuse -16- on fuse box
- SB42 Fuse -42- on fuse box
- SB46 Fuse -46- on fuse box
- T8a 8-pin connector
- T10g 10-pin connector, red, coupling station under relay carrier, left
- T16 16-pin connector, diagnostic connector
- U1 Cigarette lighter

- 45 Earth point, behind dash panel - centre
- 80 Earth connection -1-, in dash panel wiring harness
- A4 Positive (+) connection (58b), in dash panel wiring harness
- A21 Connection (86s), in dash panel wiring harness
- A76 Connection (diagnosis wire K), in dash panel wiring harness

- * Only models without headlight range control
- ** Only models with headlight range control

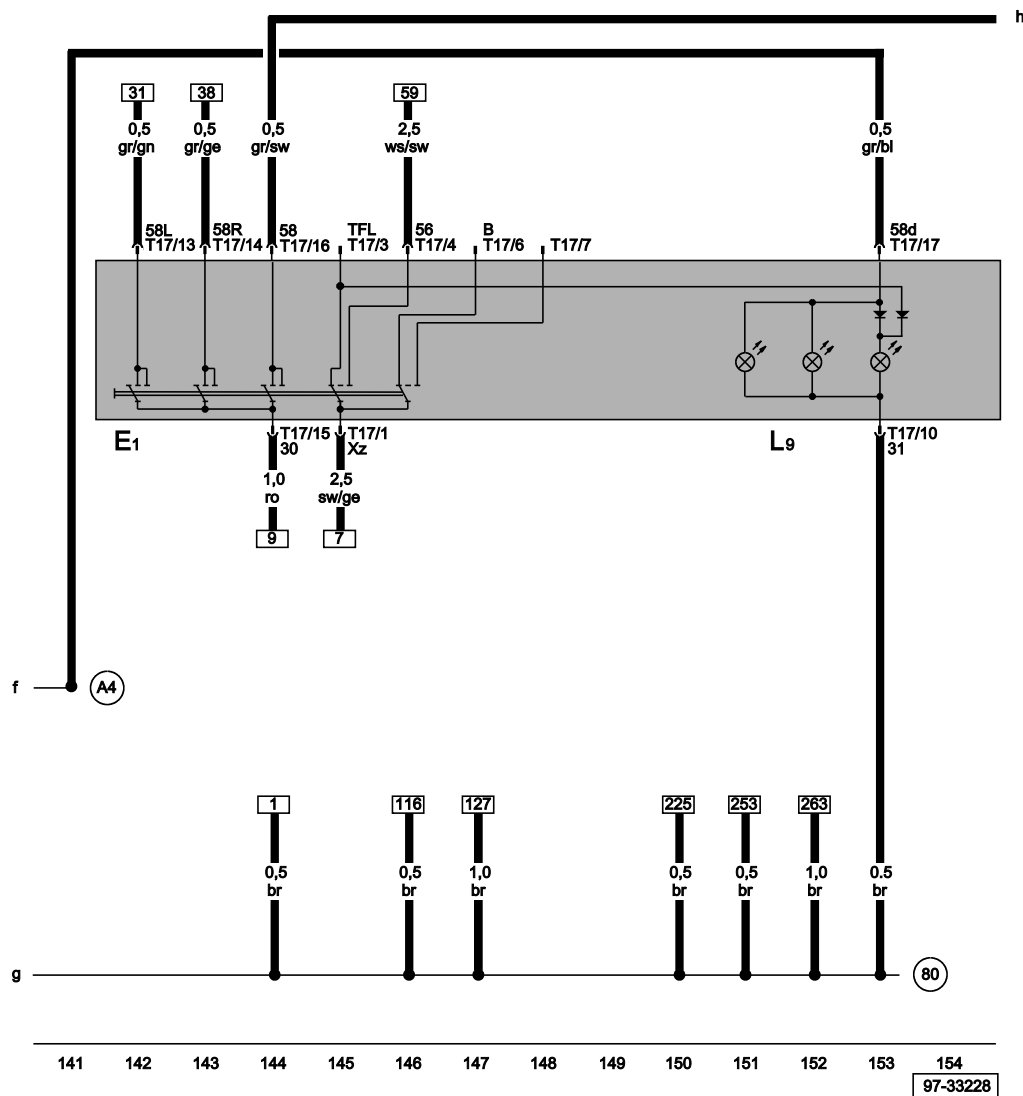
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 or = orange
 rs = pink

Light switch

- E1 Light switch
- L9 Light switch light bulb
- T17 17-pin connector, on light switch

80 Earth connection -1-, in dash panel wiring harness

A4 Positive (+) connection (58b), in dash panel wiring harness



ws = white
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ro = red
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Number plate light, illumination regulator

- E20 Switches and instruments light regulator
- L54 Headlight range control adjuster light bulb
- SB2 Fuse -2- on fuse box
- T4n 4-pin connector, in tailgate/boot lid
- T5k 5-pin connector, on right C-pillar
- T5q 5-pin connector, in tailgate/boot lid
- T6e 6-pin connector, on left C-pillar
- T10h 10-pin connector, light green, coupling station under relay carrier, left
- X Number plate light

98 Earth connection, in tailgate/boot lid wiring harness

W11 Connection (58), in tailgate/boot lid wiring harness

* Only models without headlight range control

** Only models with headlight range control

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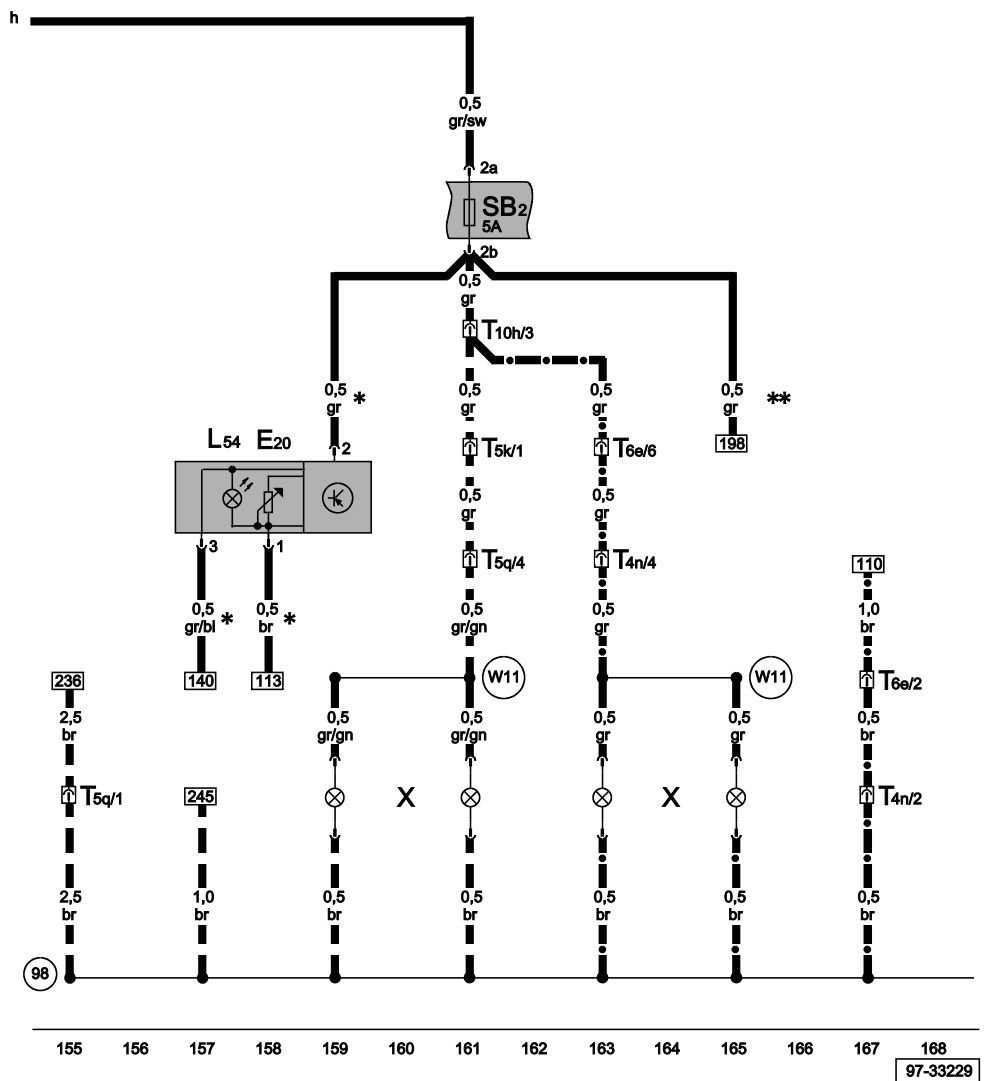
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Luggage compartment light, tailgate/boot lid contact switch for anti-theft alarm

- F5 Luggage compartment light switch
 F123 Tailgate/boot lid contact switch for anti-theft alarm
 J379 Central locking and anti-theft alarm system control unit
 T4n 4-pin connector, in tailgate/boot lid
 T5j 5-pin connector, on left C-pillar
 T5k 5-pin connector, on right C-pillar
 T5q 5-pin connector, in tailgate/boot lid
 T5r 5-pin connector, in tailgate/boot lid
 T6e 6-pin connector, on left C-pillar
 T10h 10-pin connector, light green, coupling station under relay carrier, left
 T10j 10-pin connector, grey, coupling station under relay carrier, left
 T23 23-pin connector
 W3 Luggage compartment light

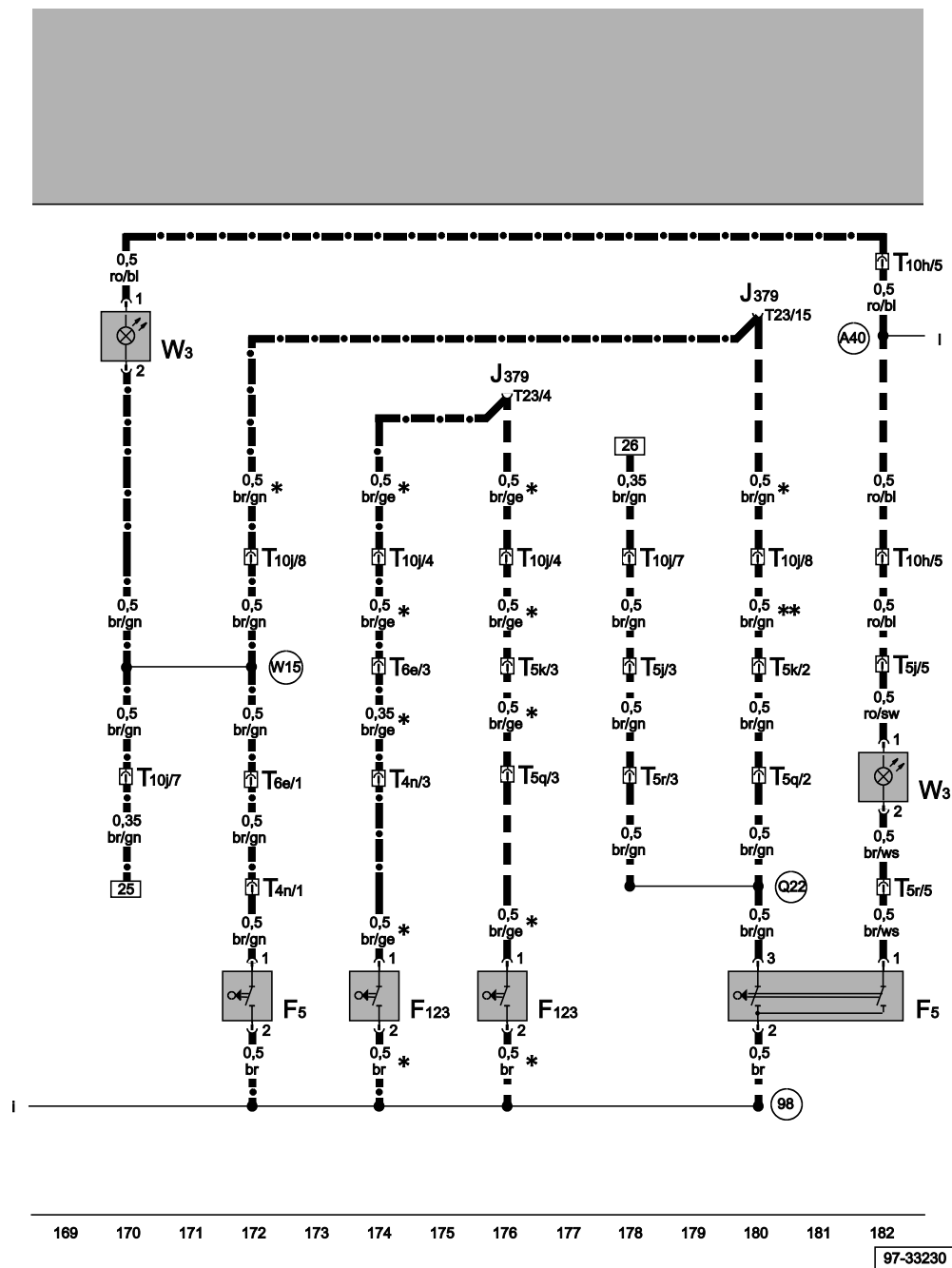
- 98 Earth connection, in tailgate/boot lid wiring harness
 A40 Positive (+) connection -1- (30), in dash panel wiring harness
 Q22 Connection -1-, in tailgate/boot lid wiring harness
 W15 Connection -1- (luggage compartment light), in rear wiring harness
 * Only models with anti-theft alarm
 ** Only models with electric window lifter

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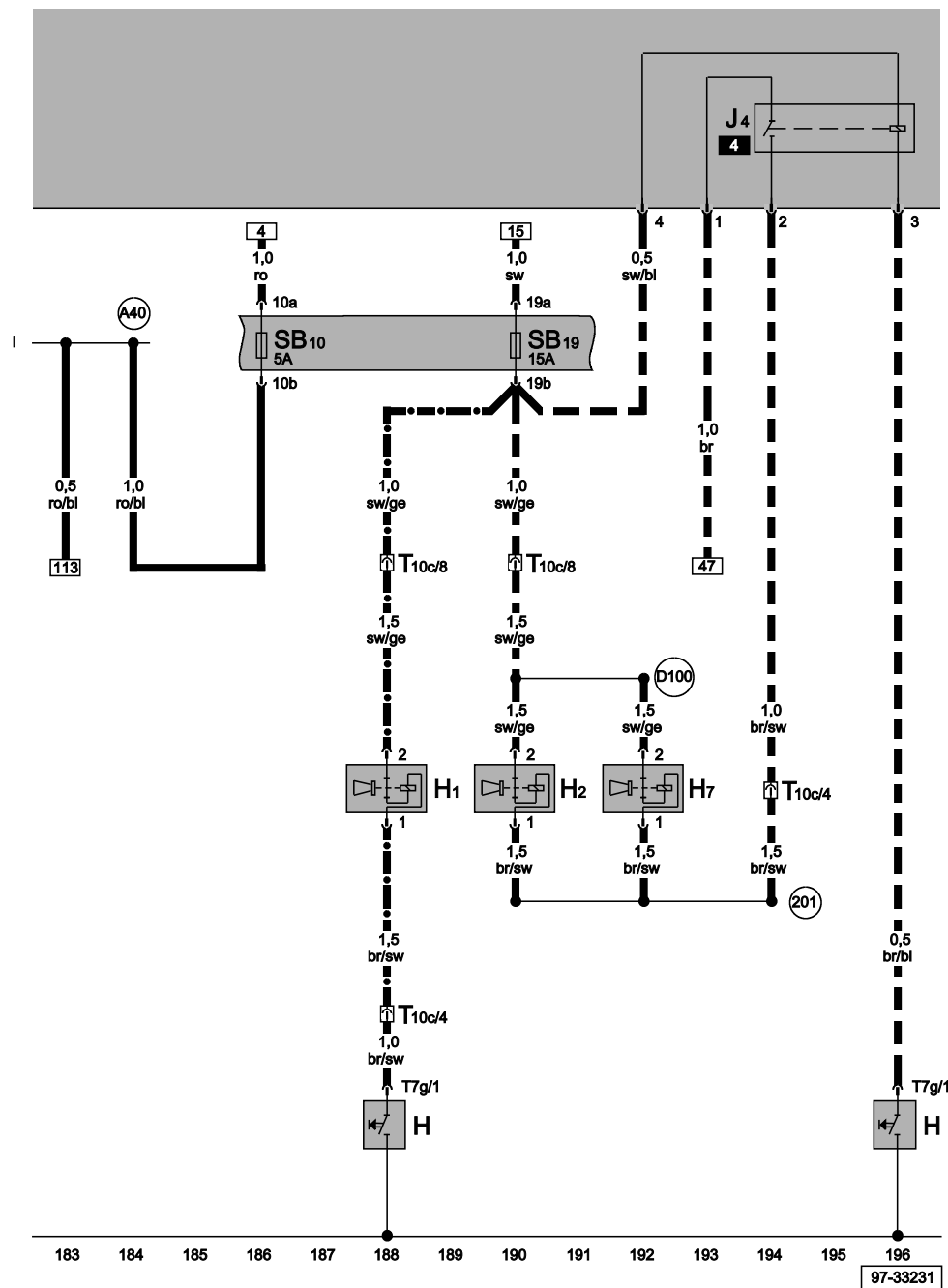
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Fuses, horn plate

- H Horn plate
- H1 Horn/dual tone horn
- H2 High tone horn
- H7 Low tone horn
- J4 Dual tone horn relay
- SB10 Fuse -10- on fuse box
- SB19 Fuse -19- on fuse box
- T7g 7-pin connector
- T10c 10-pin connector, brown, coupling station under relay carrier, left

- 201 Earth connection -5-, in engine compartment wiring harness
- A40 Positive (+) connection -1- (30), in dash panel wiring harness
- D100 Positive (+) connection -2- (15), in engine compartment wiring harness

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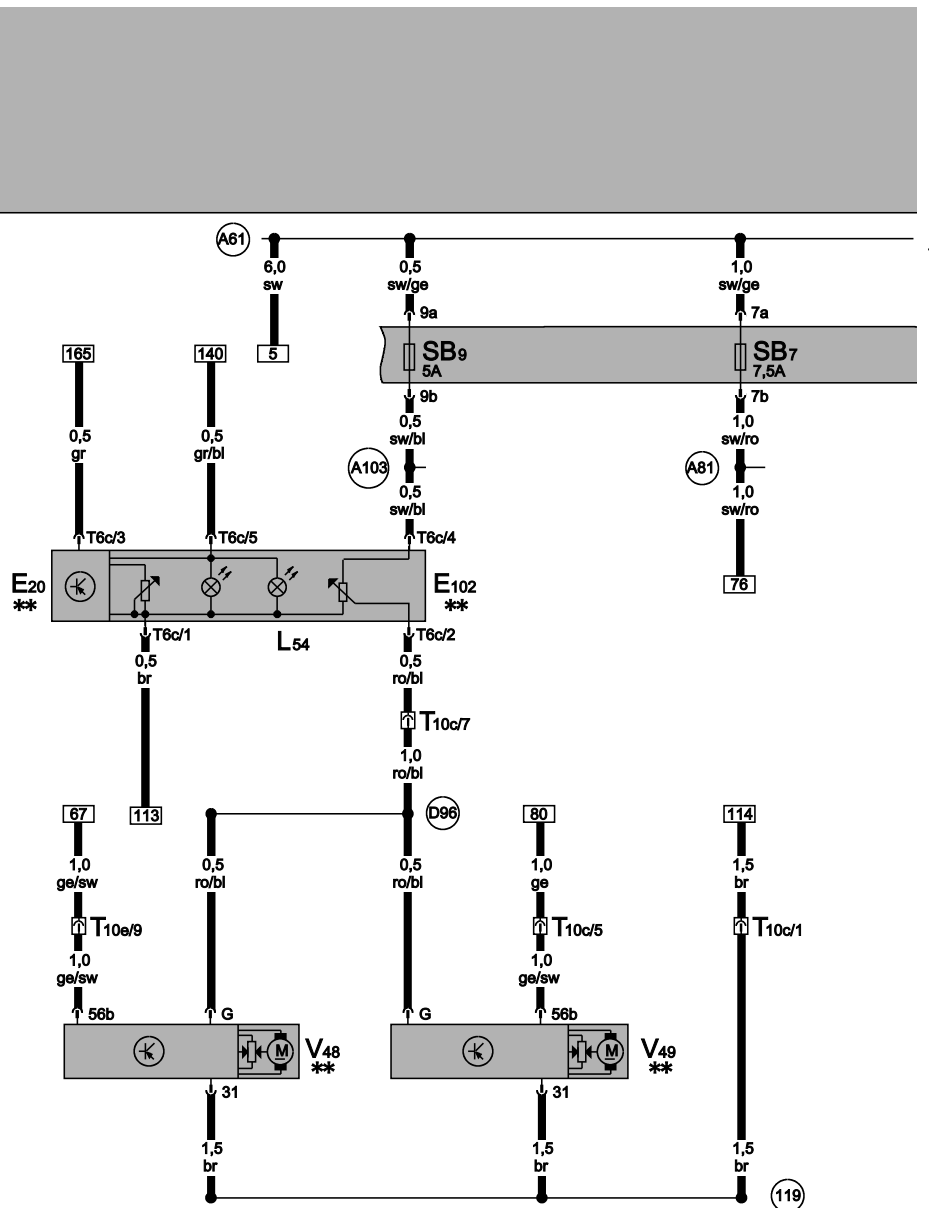
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or	=	orange	
rs	=	pink	

Fuses, headlight range control, illumination regulator

- E20 Switches and instruments light regulator
- E102 Headlight range control adjuster
- L54 Headlight range control adjuster light bulb
- SB7 Fuse -7- on fuse box
- SB9 Fuse -9- on fuse box
- T6c 6-pin connector
- T10c 10-pin connector, brown, coupling station under relay carrier, left
- T10e 10-pin connector, green, coupling station under relay carrier, left
- V48 Headlight range control motor, left
- V49 Headlight range control motor, right

- 119 Earth connection -1-, in headlight wiring harness
- A61 Positive (+) connection (X), in dash panel wiring harness
- A81 Connection -2- (X), in dash panel wiring harness
- A103 Connection -2- (56), in dash panel wiring harness
- D96 Connection (Headlight range control), in engine compartment wiring harness
- ** Only models with headlight range control

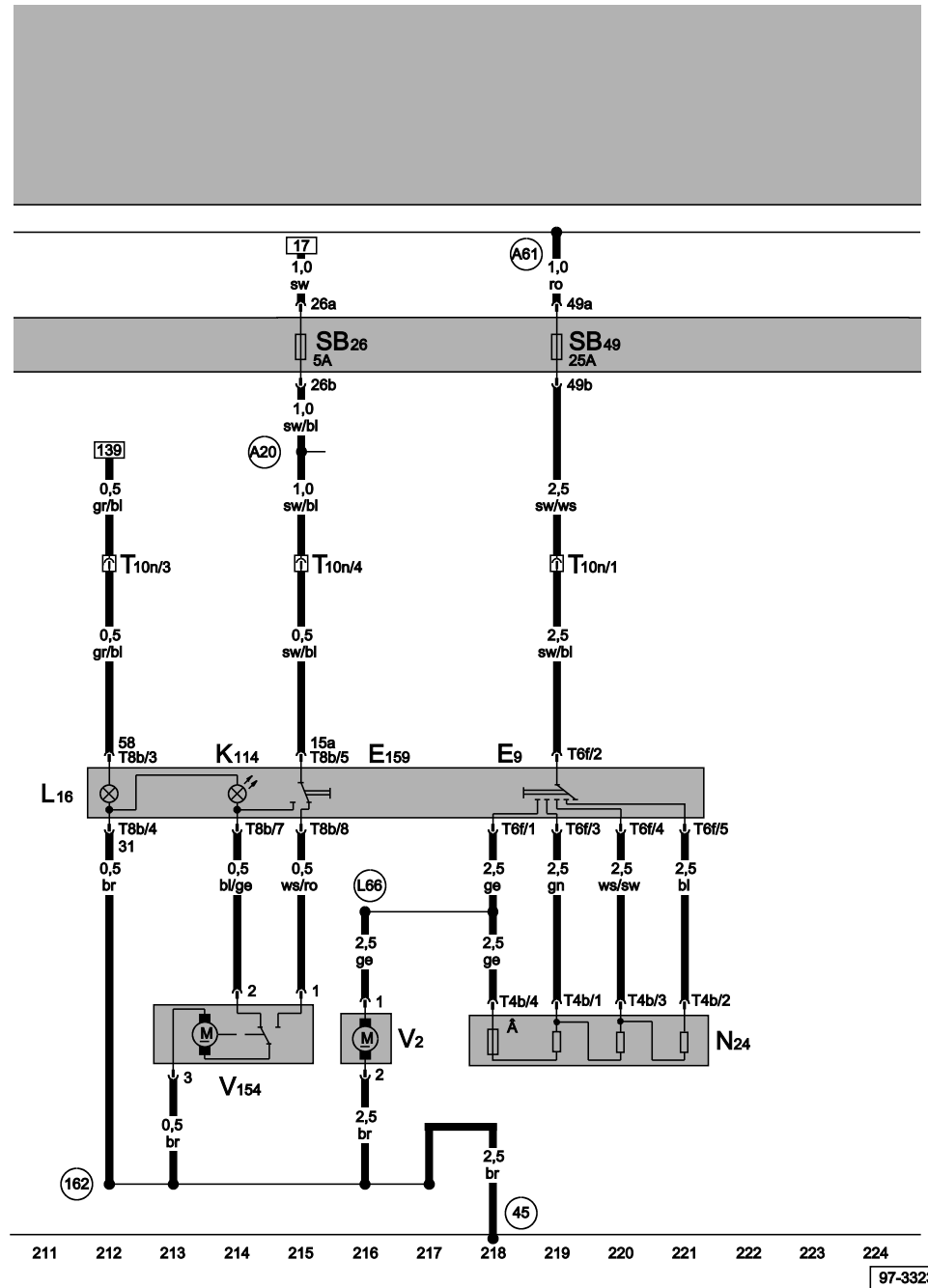


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- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

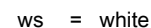
Fuses, fresh air blower, fresh air/air recirculating flap

- E9 Fresh air blower switch
- E159 Fresh air/air recirculating flap switch
- K114 Fresh air/air recirculation warning lamp
- L16 Fresh air control light bulb
- N24 Fresh air blower with overheating fuse series resistor
- SB26 Fuse -26- on fuse box
- SB49 Fuse -49- on fuse box
- T4b 4-pin connector, on fresh air blower
- T6f 6-pin connector, on fresh air blower switch
- T8b 8-pin connector, on fresh air blower switch
- T10n 10-pin connector, behind dash panel, centre
- V2 Fresh air blower
- V154 Fresh air/recirculated air flap control motor

- 45 Earth point, behind dash panel - centre
- 162 Earth connection, in blower motor wiring harness
- A20 Positive (+) connection (15a), in dash panel wiring harness
- A61 Positive (+) connection (X), in dash panel wiring harness
- L66 Connection, in heater blower wiring harness



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

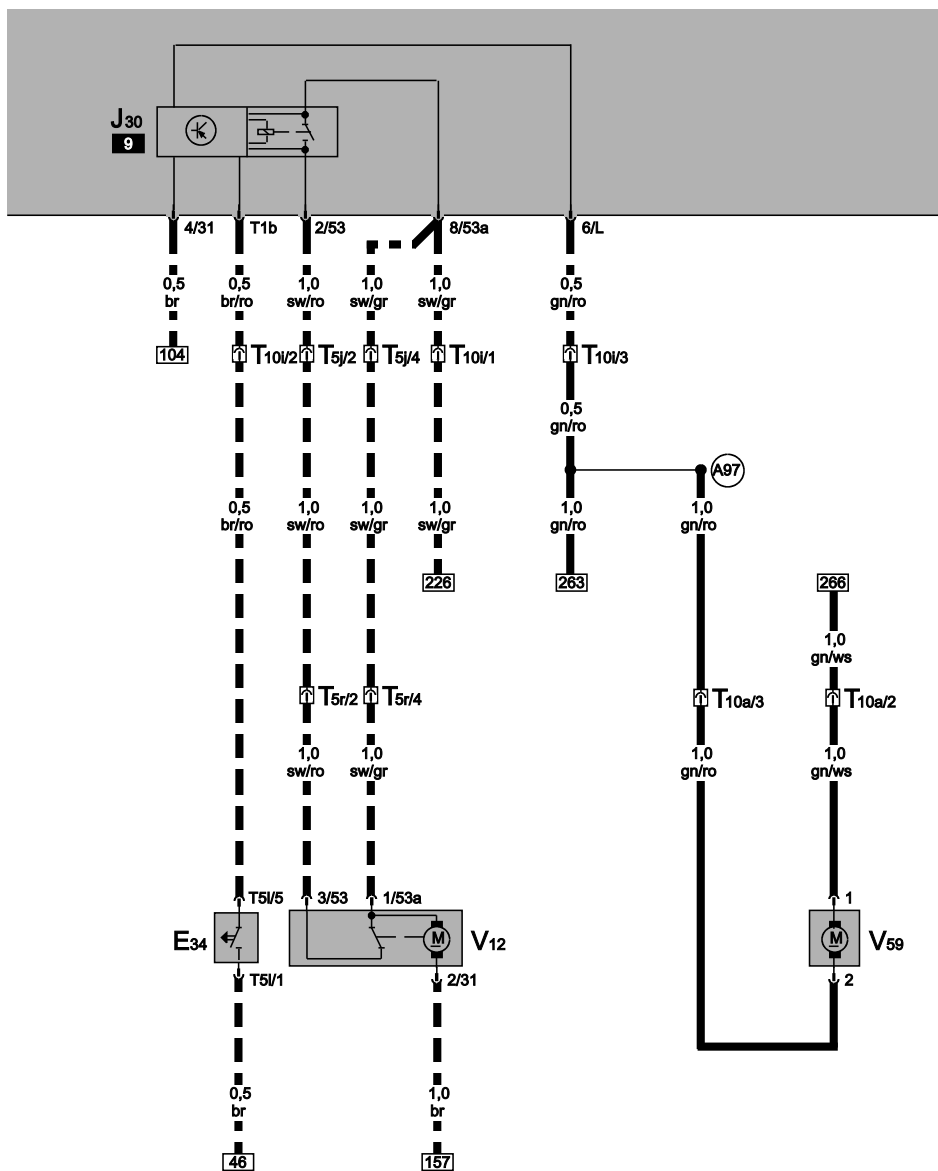


E15	Heated rear window switch
K10	Heated rear window warning lamp
L39	Heated rear window switch bulb
M25	High level brake light bulb
SB6	Fuse -6- on fuse box
SB48	Fuse -48- on fuse box
SB50	Fuse -50- on fuse box
T2	2-pin connector
T5j	5-pin connector, on left C-pillar
T6b	6-pin connector, grey, coupling station under relay carrier, left
T6c	6-pin connector
Z1	Heated rear window
Z4	Heated exterior mirror, driver's side
Z5	Heated exterior mirror, front passenger's side

A61 Positive (+) connection (X), in dash panel wiring harness

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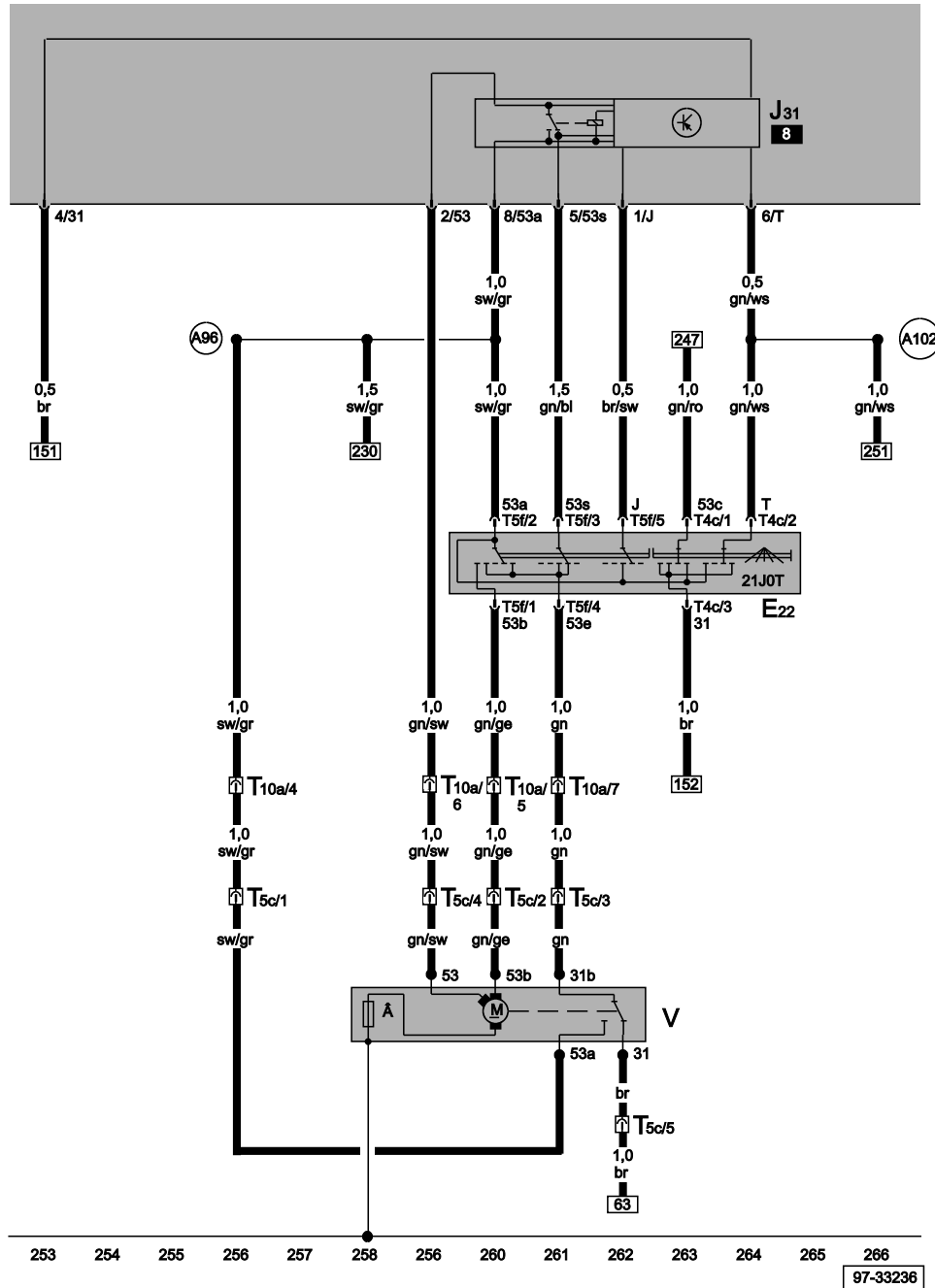
Windscreen and rear window washer pump, rear window wiper motor

- E34 Rear wiper switch
- T5j 5-pin connector, on left C-pillar
- T5l 5-pin connector, black, under steering wheel
- T5r 5-pin connector, in tailgate/boot lid
- T10a 10-pin connector, black, coupling station under relay carrier, left
- T10i 10-pin connector, orange, coupling station under relay carrier, left
- J30 Rear window wiper/washer relay
- V12 Rear window wiper motor
- V59 Windscreen and rear window washer pump
- A97 Connection (53), in dash panel wiring harness

<fo:exter Only Polo Variant

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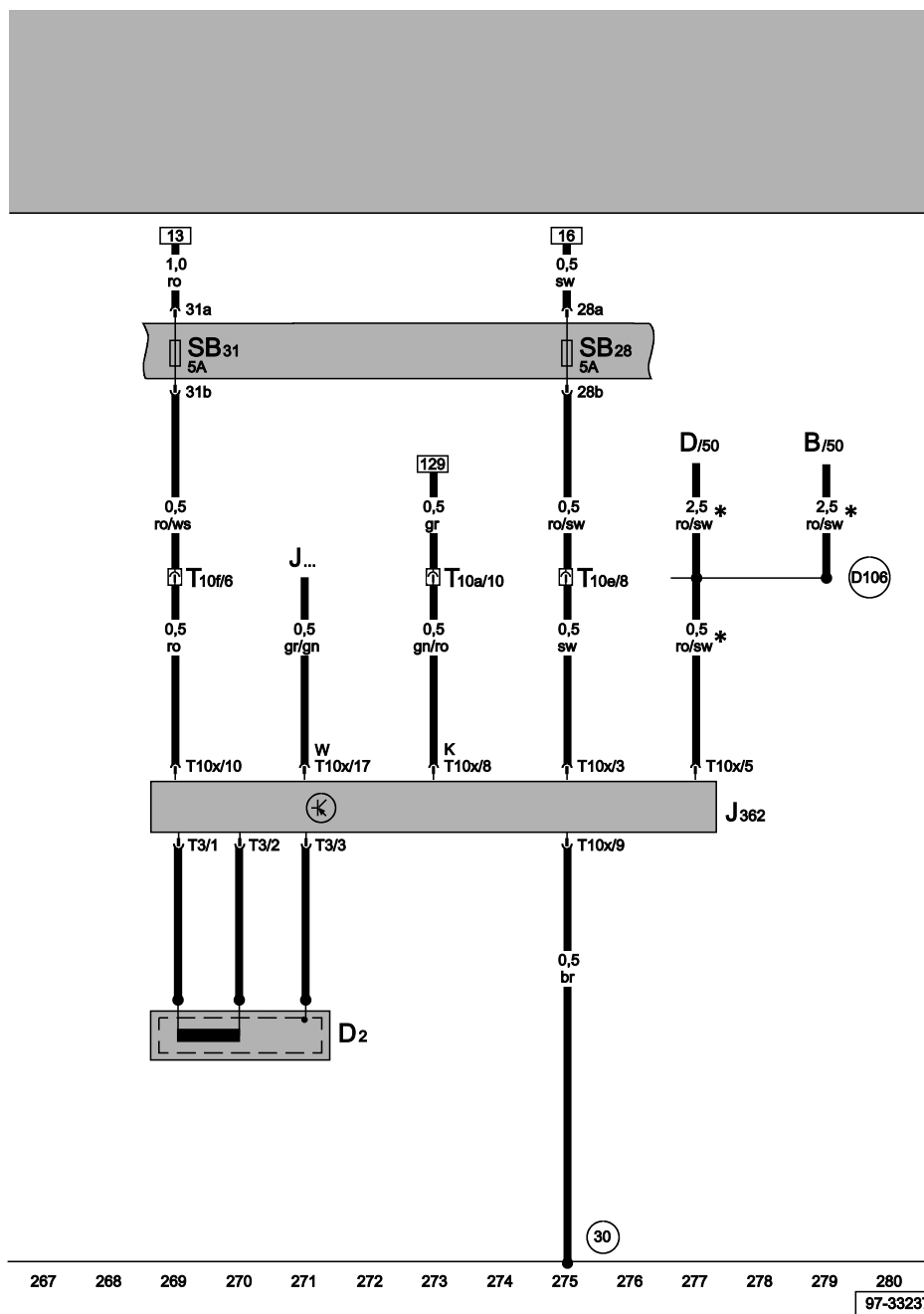
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- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink



Windscreen wiper motor

- E22 Intermittent wiper switch
- J31 Automatic intermittent wash/wipe relay
- T4c 4-pin connector
- T5c 5-pin connector, on windscreen wiper motor
- T5f 5-pin connector
- T10a 10-pin connector, black, coupling station under relay carrier, left
- V Windscreen wiper motor
- A96 Connection (53a), in dash panel wiring harness
- A102 Connection (windscreen wiper), in dash panel wiring harness

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



Fuses, immobilizer control unit

- | | |
|------|--|
| B | Starter |
| D | Ignition/starter switch |
| D2 | Immobilizer reading coil |
| J... | Engine control units |
| J362 | Immobilizer control unit |
| SB28 | Fuse -28- on fuse box |
| SB31 | Fuse -31- on fuse box |
| T3 | 3-pin connector |
| T10a | 10-pin connector, black, coupling station under relay carrier, left |
| T10e | 10-pin connector, green, coupling station under relay carrier, left |
| T10f | 10-pin connector, purple, coupling station under relay carrier, left |
| T10x | 10-pin connector, on immobilizer control unit |

30 Earth point -1-, next to relay plate

D106 Connection -4-, in engine compartment wiring harness

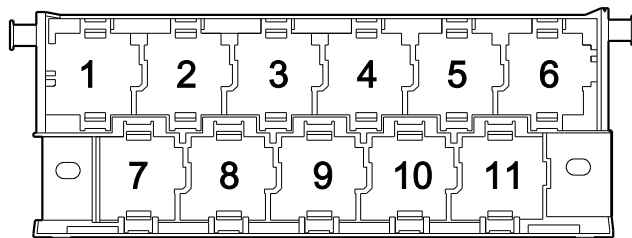
* Discontinued (phased-in modification)

ws = white
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ro = red
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or = orange
rs = pink

Central locking, remote control and anti-theft alarm system aerial

From May 2001

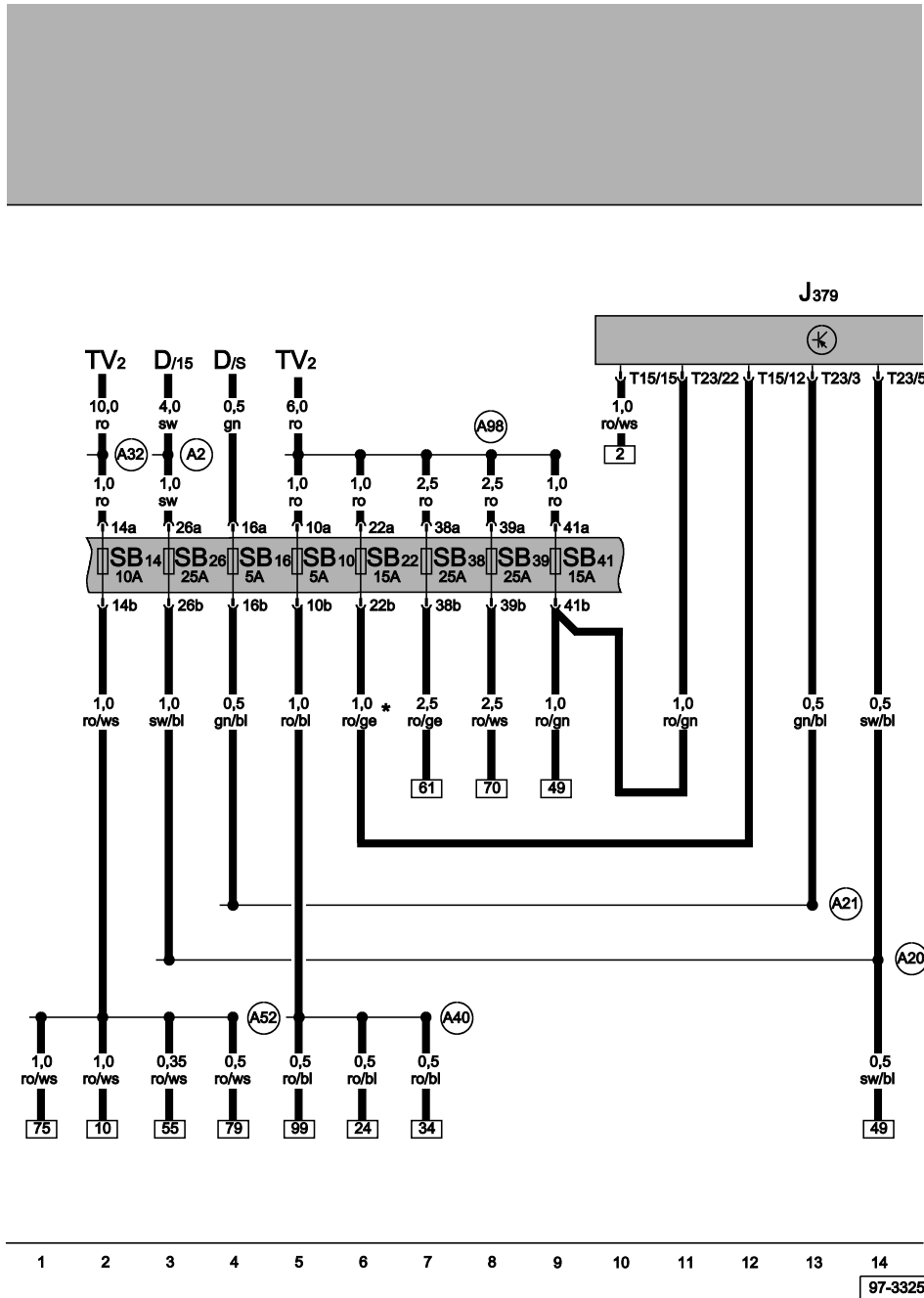
For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.



97-22850

Fuse colours

- 30 A - green
- 25 A - white
- 20 A - yellow
- 15 A - blue
- 10 A - red
- 7.5 A - brown
- 5 A - beige
- 3 A - purple



Fuses

- D Ignition/starter switch
- J379 Central locking and anti-theft alarm system control unit
- SB10 Fuse -10- on fuse box
- SB14 Fuse -14- on fuse box
- SB16 Fuse -16- on fuse box
- SB22 Fuse -22- on fuse box
- SB26 Fuse -26- on fuse box
- SB38 Fuse -38- on fuse box
- SB39 Fuse -39- on fuse box
- SB41 Fuse -41- on fuse box
- T15 15-pin connector
- T23 23-pin connector
- TV2 Terminal 30 junction box
- A2 Positive (+) connection (15), in dash panel wiring harness
- A20 Positive (+) connection (15a), in dash panel wiring harness
- A21 Connection (86s), in dash panel wiring harness
- A32 Positive (+) connection (30), in dash panel wiring harness
- A40 Positive (+) connection -1- (30), in dash panel wiring harness
- A52 Positive (+) connection -2- (30), in dash panel wiring harness
- A98 Positive (+) connection -4- (30), in dash panel wiring harness
- * Only models with anti-theft alarm

ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
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Luggage compartment light, tailgate/boot lid contact switch for anti-theft alarm

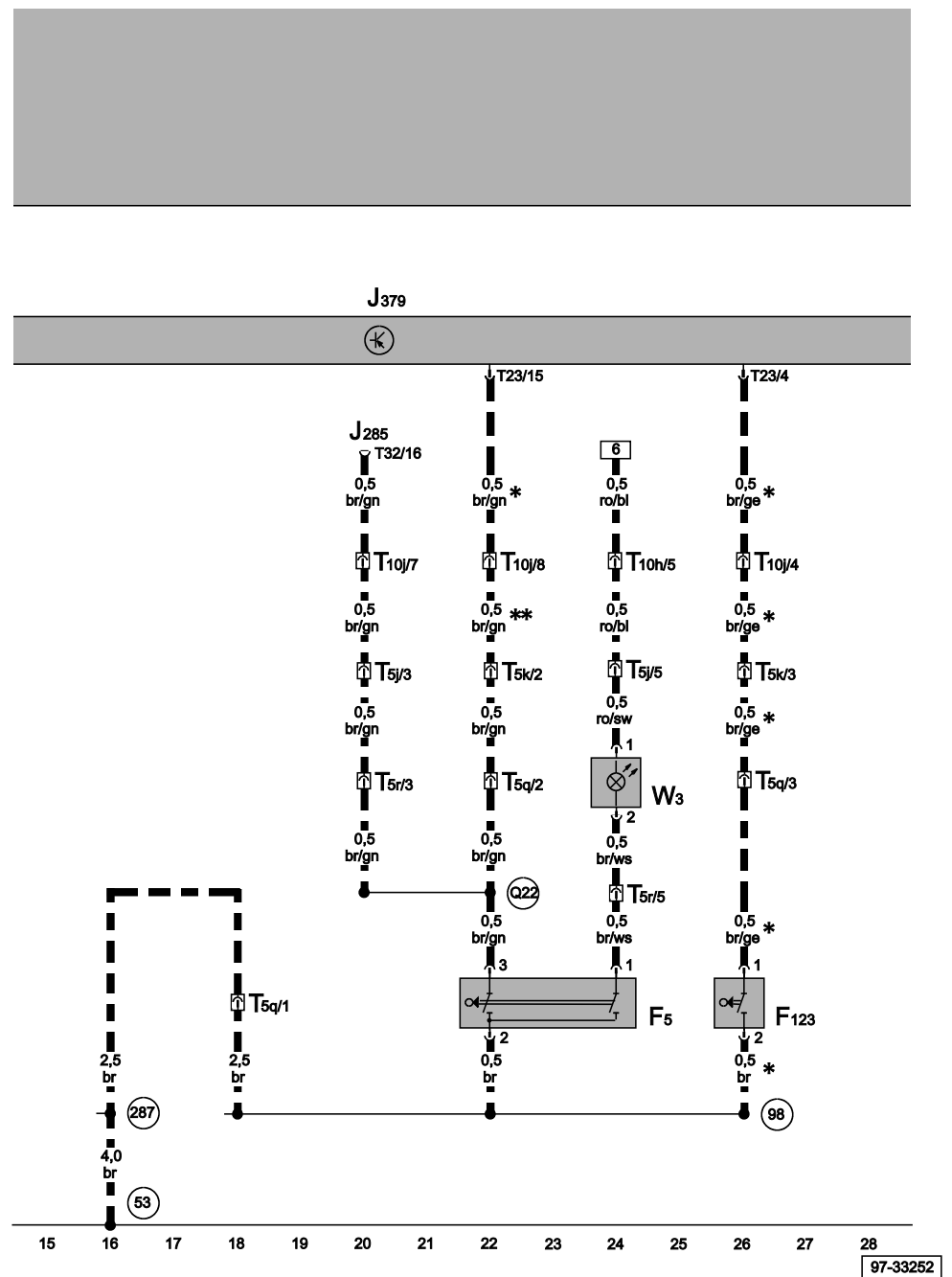
- F5 Luggage compartment light switch
- F123 Tailgate/boot lid contact switch for anti-theft alarm
- J285 Control unit with display in dash panel insert
- J379 Central locking and anti-theft alarm system control unit
- T5j 5-pin connector, on left C-pillar
- T5k 5-pin connector, on right C-pillar
- T5q 5-pin connector, in tailgate/boot lid
- T5r 5-pin connector, in tailgate/boot lid
- T10h 10-pin connector, light green, coupling station under relay carrier, left
- T10j 10-pin connector, grey, coupling station under relay carrier, left
- T23 23-pin connector
- T32 32-pin connector, blue, on dash panel insert
- W3 Luggage compartment light

- 53 Earth point, in tailgate/boot lid, right
- 98 Earth connection, in tailgate/boot lid wiring harness
- 287 Earth connection, in rear lid prewiring wiring harness
- Q22 Connection -1-, in tailgate/boot lid wiring harness

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* Only models with anti-theft alarm
** Only models with electric window lifter

ws = white
sw = black
ro = red
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ge = yellow
or = orange
rs = pink



Luggage compartment light, tailgate/boot lid contact switch for anti-theft alarm

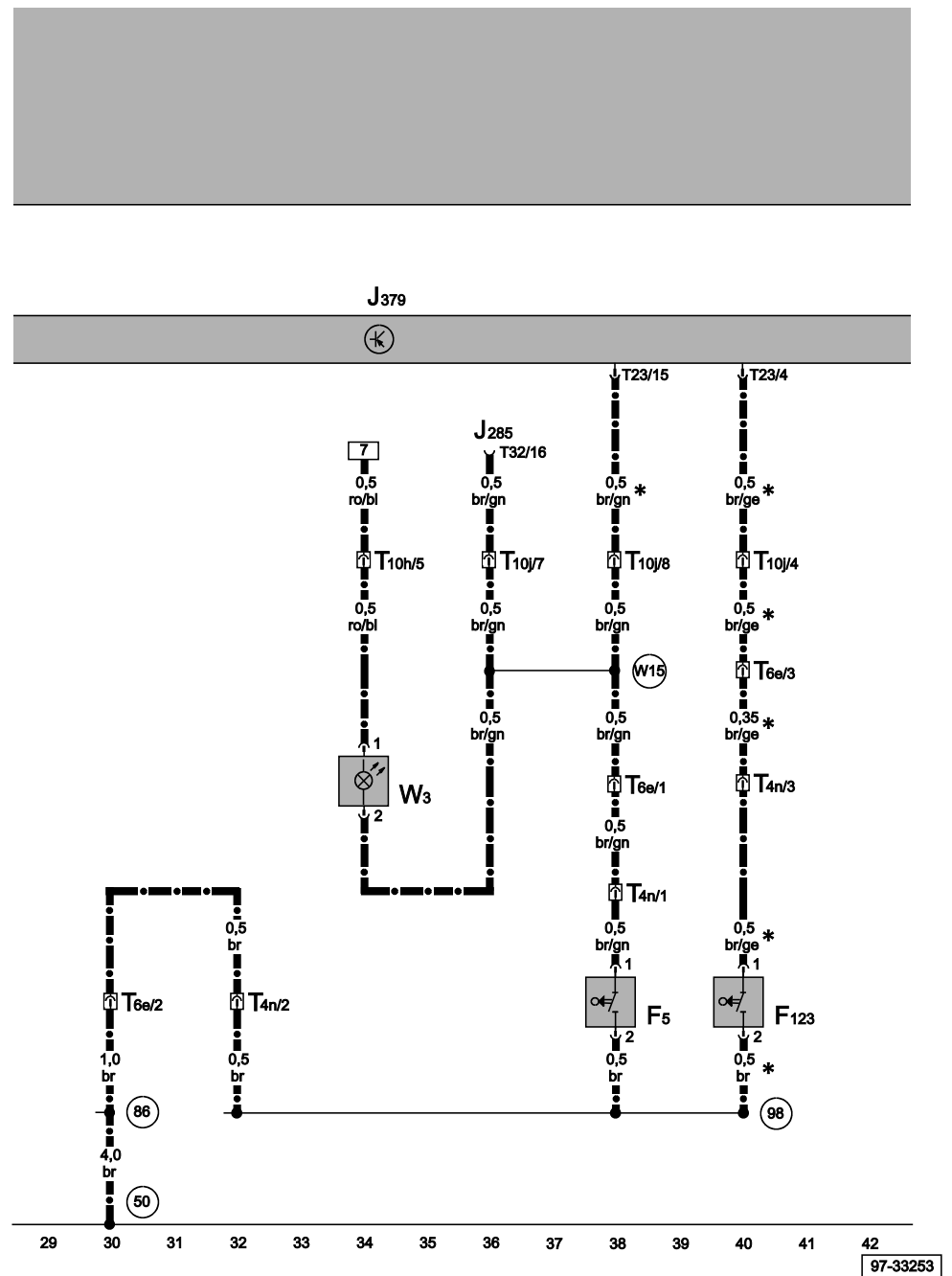
- F5 Luggage compartment light switch
- F123 Tailgate/boot lid contact switch for anti-theft alarm
- J285 Control unit with display in dash panel insert
- J379 Central locking and anti-theft alarm system control unit
- T4n 4-pin connector, in tailgate/boot lid
- T6e 6-pin connector, on left C-pillar
- T10h 10-pin connector, light green, coupling station under relay carrier, left
- T10j 10-pin connector, grey, coupling station under relay carrier, left
- T23 23-pin connector
- T32 32-pin connector, blue, on dash panel insert
- W3 Luggage compartment light

- 50 Earth point, on left luggage compartment
- 86 Earth connection -1-, in rear wiring harness
- 98 Earth connection, in tailgate/boot lid wiring harness
- W15 Connection -1- (luggage compartment light), in rear wiring harness

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* Only models with anti-theft alarm

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



Interior locking switch, driver's side, central locking pump with control unit

- E1 Light switch
- E150 Interior locking switch, driver's side
- J234 Airbag control unit
- J379 Central locking and anti-theft alarm system control unit
- T10j 10-pin connector, grey, coupling station under relay carrier, left
- T17 17-pin connector, on light switch
- T50 50-pin connector
- V69 Central locking pump with control unit

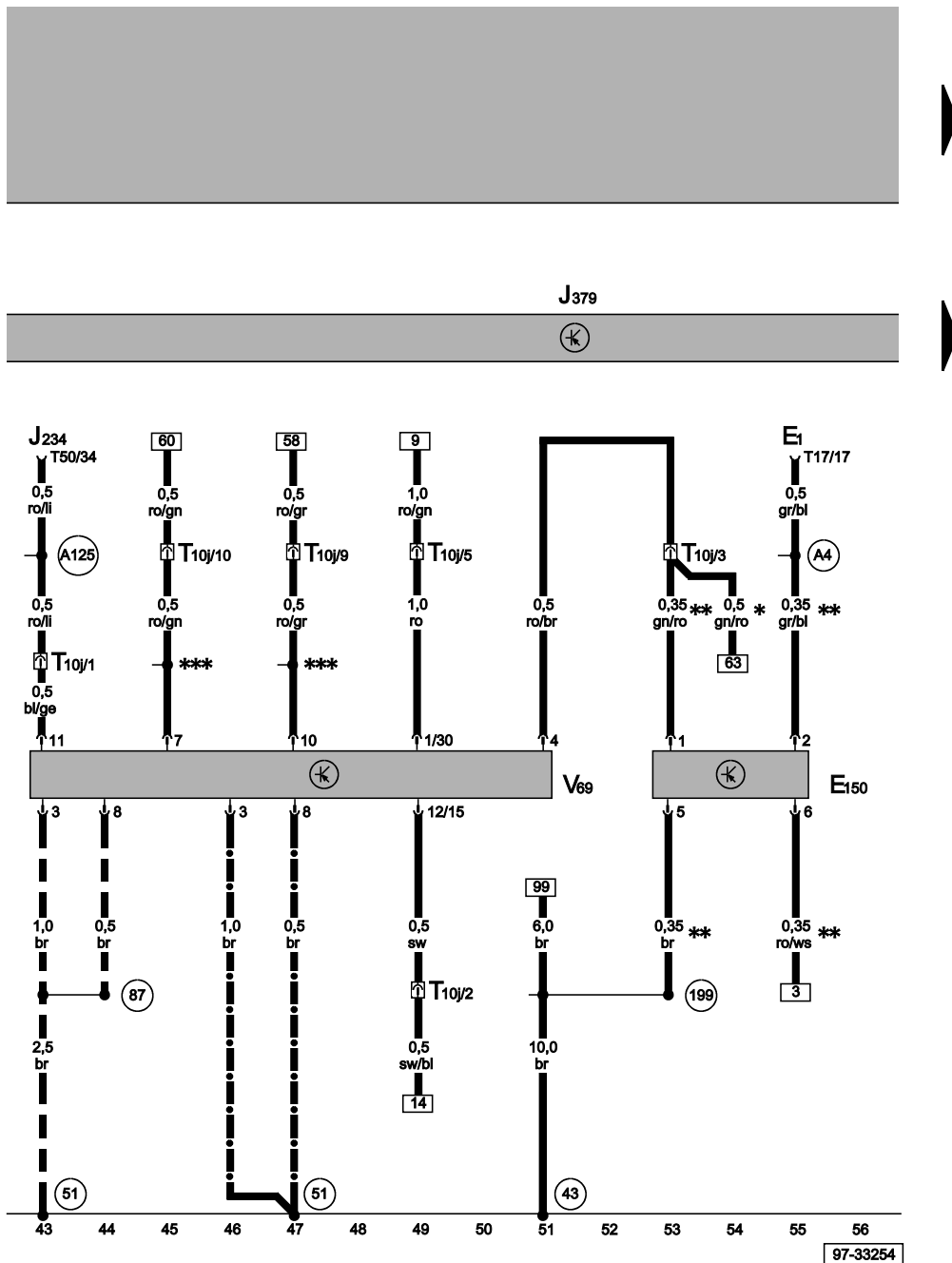
- 43 Earth point, lower part of right A-pillar
- 51 Earth point, right luggage compartment
- 87 Earth connection -2-, in rear wiring harness
- 199 Earth connection -3-, in dash panel wiring harness
- A4 Positive (+) connection (58b), in dash panel wiring harness
- A125 Connection (crash signal), in dash panel wiring harness

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rs = pink

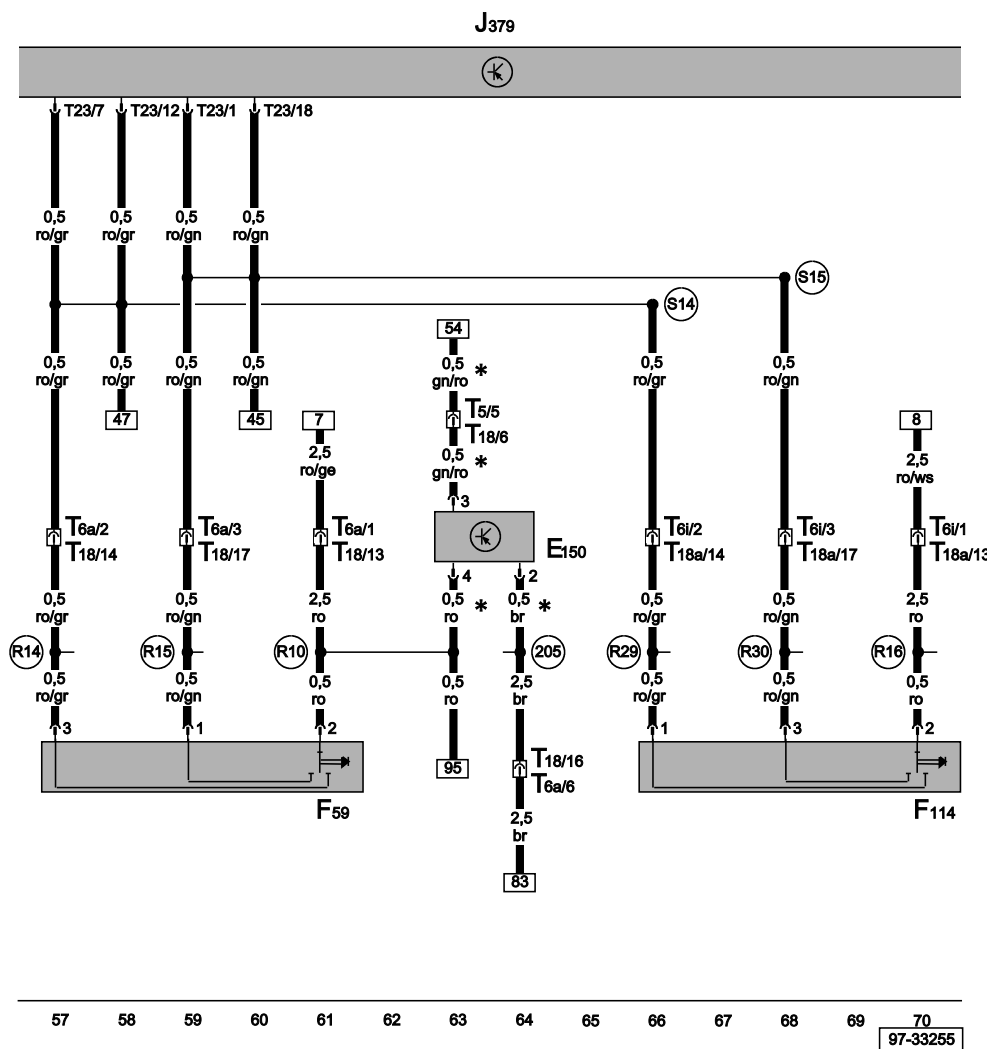
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* Only models with electric window lifter
** Only models without electric window lifter
*** See Current Flow Diagram for electric window lifter

Central locking switch (driver's side), tailgate/bootlid
central locking switch (front passenger's side)

- E150 Interior locking switch, driver's side
- F59 Central locking switch (driver's side)
- F114 Central locking switch (front passenger's side)
- J379 Central locking and anti-theft alarm system control unit
- T5 5-pin connector, on part of left A-pillar
- T6a 6-pin connector, on left A-pillar
- T6i 6-pin connector, on right A-pillar
- T18 18-pin connector, on part of left A-pillar
- T18a 18-pin connector, on right A-pillar
- T23 23-pin connector

- 205 Earth connection, in door wiring harness - driver's side
- R10 Positive (+) connection -1- (30), in door wiring harness - driver's side
- R14 Connection -1- (open), in door wiring harness, driver's side
- R15 Connection -2- (closed), in door wiring harness, driver's side
- R16 Positive (+) connection -1- (30), in door wiring harness - front passenger's side
- R29 Connection -1- (open), in door wiring harness, front passenger's side
- R30 Connection -2- (closed), in door wiring harness, front passenger's side
- S14 Connection (open), in central locking wiring harness
- S15 Connection (closed), in central locking wiring harness
- * Only models with electric window lifter

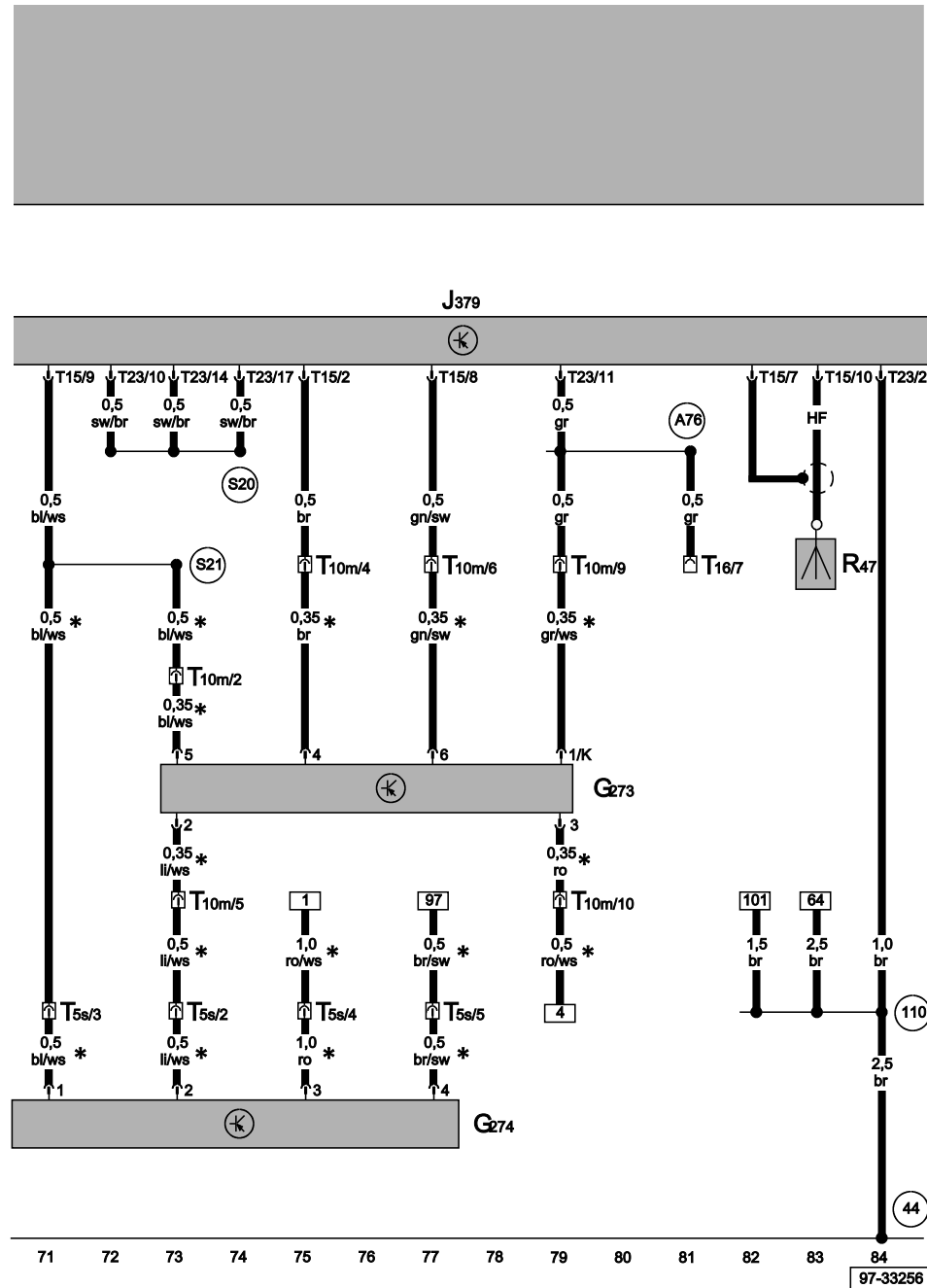


ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = purple
ge = yellow
or = orange
rs = pink

Interior monitoring sensor, central locking and anti-theft alarm system aerial

- G273 Interior monitoring sensor
- G274 Interior monitoring sender
- J379 Central locking and anti-theft alarm system control unit
- R47 Central locking and anti-theft alarm system aerial
- T5s 5-pin connector, black, coupling station under relay carrier, left
- T10m 10-pin connector, on part of left A-pillar
- T15 15-pin connector
- T16 16-pin connector, diagnostic connector
- T23 23-pin connector

- 44 Earth point, lower part of left A-pillar
- 110 Earth connection -2-, in instruments wiring harness
- A76 Connection (diagnosis wire K), in dash panel wiring harness
- S20 Connection -4-, in central locking wiring harness
- S21 Connection -5-, in central locking wiring harness
- * Only models with anti-theft alarm



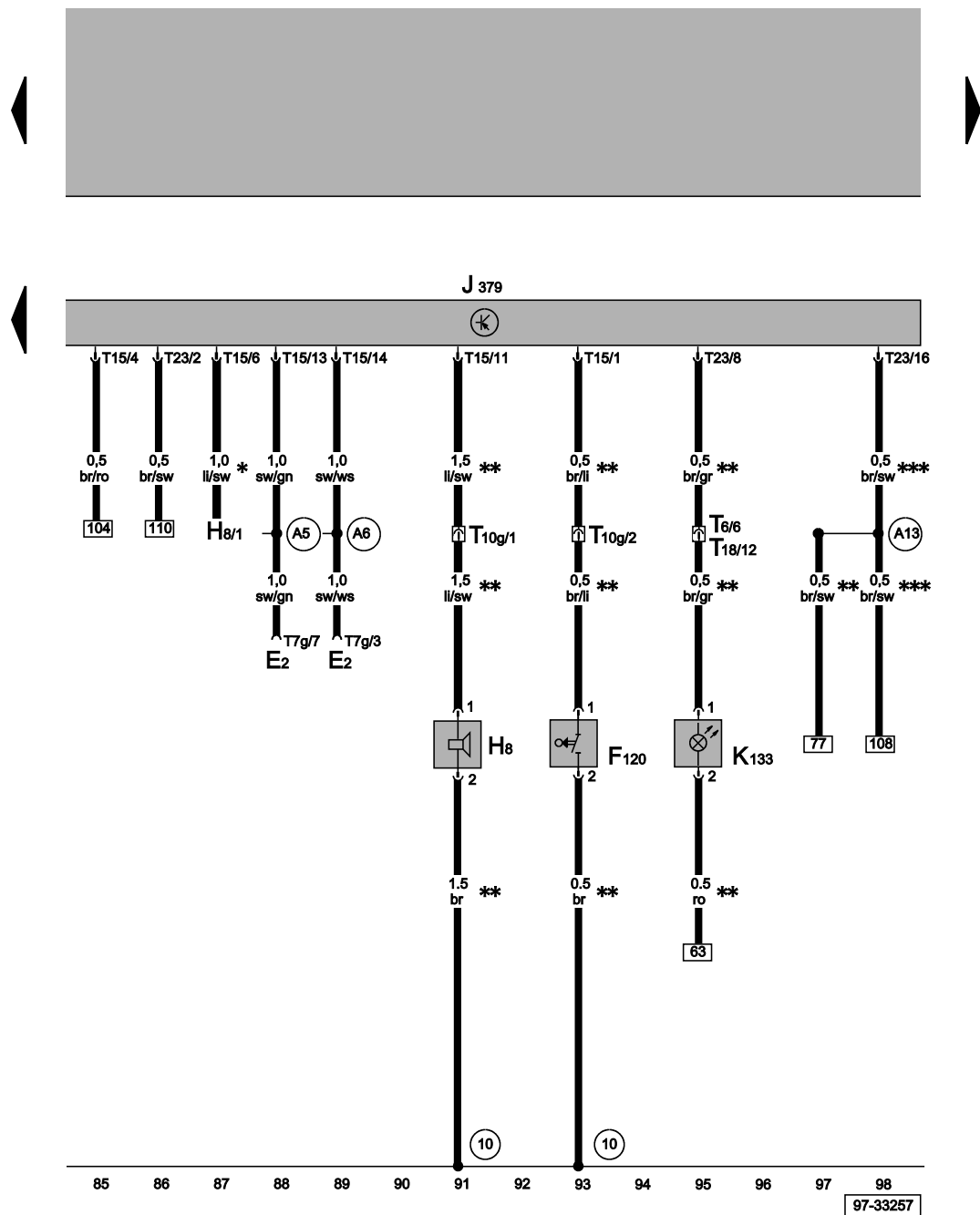
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 li = purple
 ge = yellow
 or = orange
 rs = pink

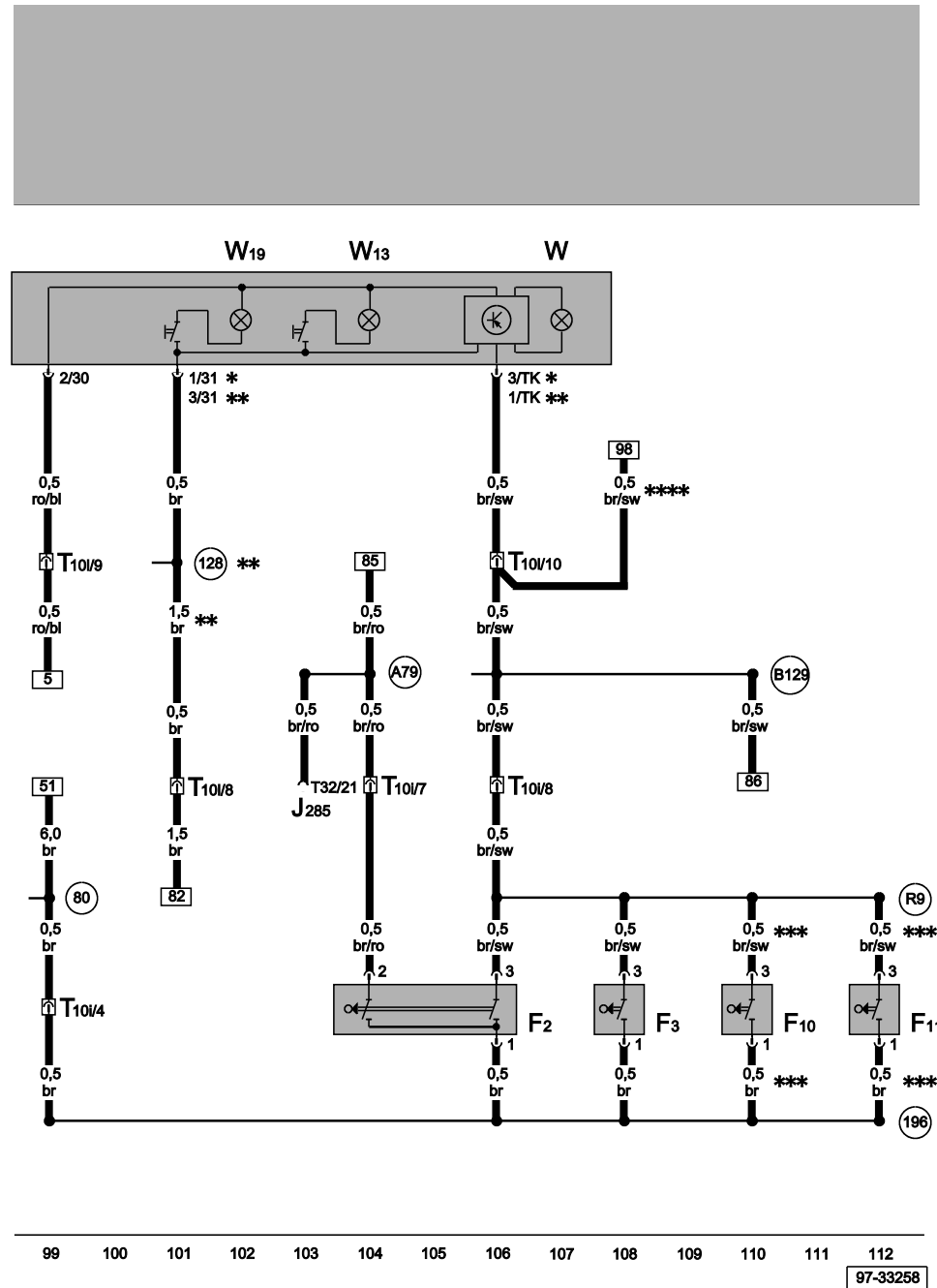
Anti-theft alarm system horn, anti-theft alarm/vermin repellent system contact switch, central locking warning lamp -SAFE-

- E2 Turn signal switch
- F120 Anti-theft alarm/vermin repellent system contact switch
- H8 Anti-theft alarm system horn
- J379 Central locking and anti-theft alarm system control unit
- K133 Central locking warning lamp -SAFE-
- T6 6-pin connector, on left A-pillar
- T7g 7-pin connector
- T10g 10-pin connector, red, coupling station under relay carrier, left
- T15 15-pin connector
- T18 18-pin connector, on part of left A-pillar
- T23 23-pin connector

- 10 Earth point, in plenum chamber
- A5 Positive (+) connection (right turn signal), in dash panel wiring harness
- A6 Positive (+) connection (left turn signal), in dash panel wiring harness
- A13 Connection (door contact switch), in dash panel wiring harness
- * Only models Great Britain
- ** Only models with anti-theft alarm
- *** Only models with radio-operated remote control

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





Interior light, door contact switch

- F2 Door contact switch, driver's side
- F3 Door contact switch, front passenger's side
- F10 Rear left door contact switch
- F11 Rear right door contact switch
- J285 Control unit with display in dash panel insert
- T10i 10-pin connector, orange, coupling station under relay carrier, left
- T10i 10-pin connector, on part of left A-pillar
- T32 32-pin connector, blue, on dash panel insert
- W front interior light
- W13 Front passenger reading light
- W19 Reading light, driver's side

- 80 Earth connection -1-, in dash panel wiring harness
- 128 Earth connection -1-, in interior light wiring harness
- 196 Earth connection -3-, in rear wiring harness
- A79 Connection (hot light switch), in dash panel wiring harness
- B129 Connection (interior light, 311), in interior wiring harness
- R9 Connection (door contact switch), in rear wiring harness

- * Only models with reading light
- ** Only models with sliding sunroof
- *** Only 4-door models
- **** Only models with radio-operated remote control

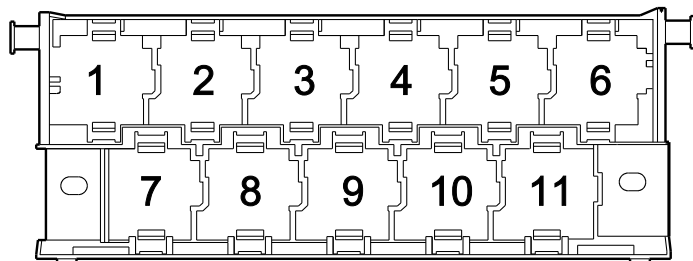
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 sw = black
 ro = red
 br = brown
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 bl = blue
 gr = grey
 li = purple
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 or = orange
 rs = pink

Electric window lifter

From May 2001

For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.

Position of fuses on relay plate:



97-22850

4 - Window lifter single fuse (S37)

5 - Window lifter single fuse 2 (S280)

Fuse colours

30 A - green

25 A - white

20 A - yellow

15 A - blue

10 A - red

7.5 A - brown

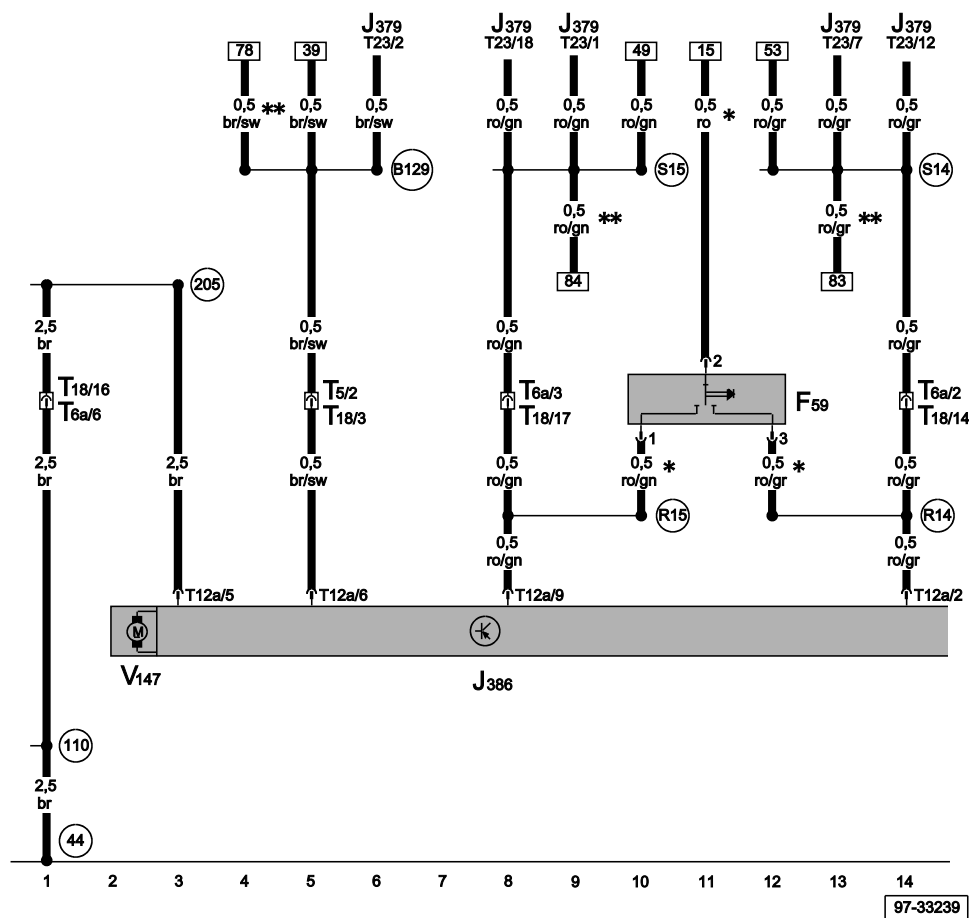
5 A - beige

3 A - purple

Window lifter motor, driver's side, central locking switch, door control unit, driver's side

- F59 Central locking switch (driver's side)
- J379 Central locking and anti-theft alarm system control unit
- J386 Door control unit, driver's side
- T5 5-pin connector, on part of left A-pillar
- T6a 6-pin connector, on left A-pillar
- T12a 12-pin connector, on door control unit, driver's side
- T18 18-pin connector, on part of left A-pillar
- T23 23-pin connector
- V147 Window lifter motor, driver's side

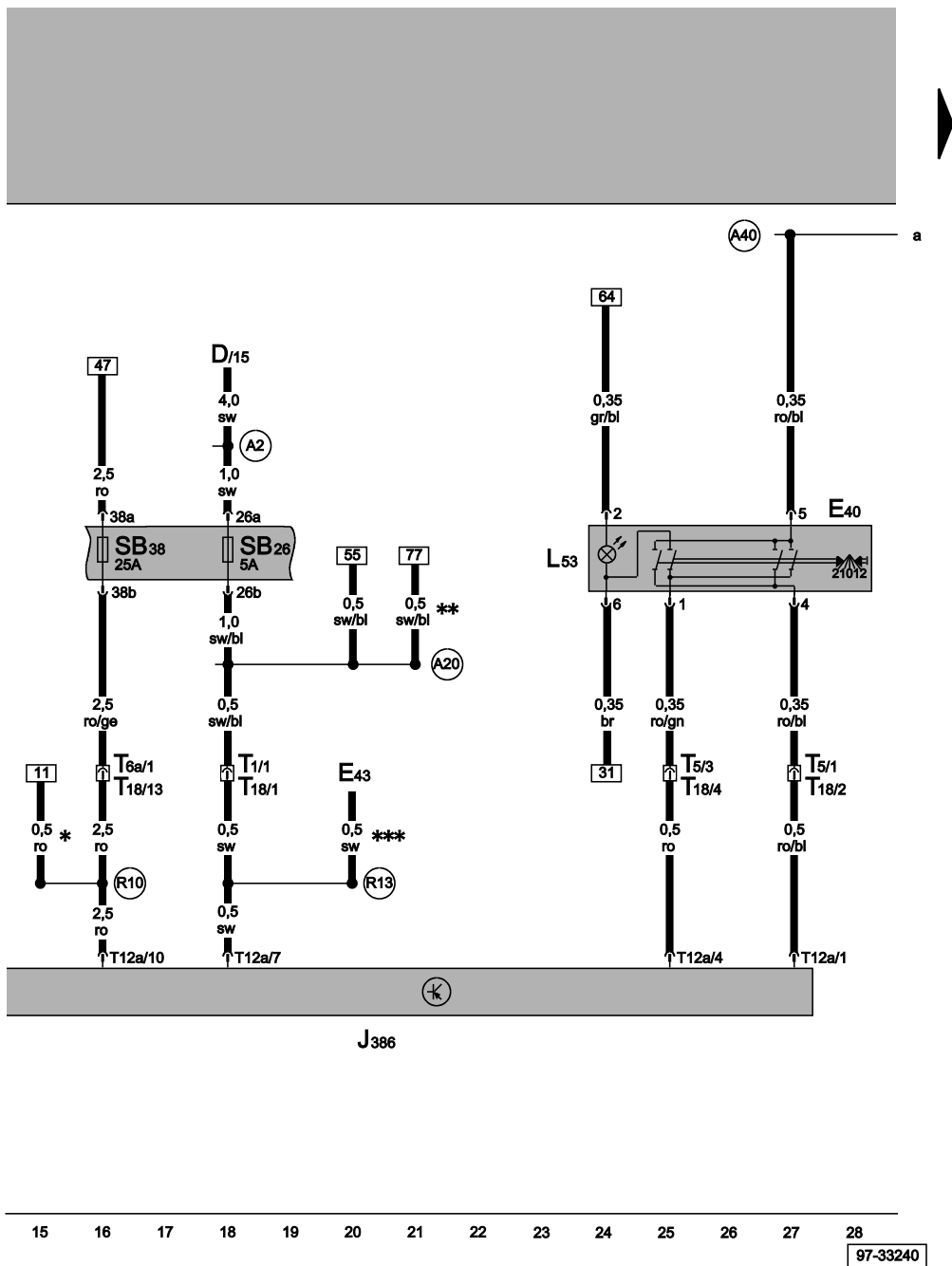
- 44 Earth point, lower part of left A-pillar
- 110 Earth connection -2-, in instruments wiring harness
- 205 Earth connection, in door wiring harness - driver's side
- B129 Connection (interior light, 311), in interior wiring harness
- R14 Connection -1- (open), in door wiring harness, driver's side
- R15 Connection -2- (closed), in door wiring harness, driver's side
- S14 Connection (open), in central locking wiring harness
- S15 Connection (closed), in central locking wiring harness
- * Only models with central locking
- ** Only models with rear window lifter



- ws = white
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- gn = green
- bl = blue
- gr = grey
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- ge = yellow
- or = orange
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Front left window lifter switch, door control unit, driver's side, fuses

- D Ignition/starter switch
- E40 Front left window lifter switch
- E43 Mirror adjustment switch
- J386 Door control unit, driver's side
- L53 Window lifter switch light bulb
- SB26 Fuse -26- on fuse box
- SB38 Fuse -38- on fuse box
- T1 Single connector, on part of left A-pillar
- T5 5-pin connector, on part of left A-pillar
- T6a 6-pin connector, on left A-pillar
- T12a 12-pin connector, on door control unit, driver's side
- T18 18-pin connector, on part of left A-pillar
- A2 Positive (+) connection (15), in dash panel wiring harness
- A20 Positive (+) connection (15a), in dash panel wiring harness
- A40 Positive (+) connection -1- (30), in dash panel wiring harness
- R10 Positive (+) connection -1- (30), in door wiring harness - driver's side
- R13 Positive (+) connection -4- (15), in door wiring harness - driver's side
- * Only models with central locking
- ** Only models with rear window lifter
- *** Only models with electrically adjustable exterior mirror



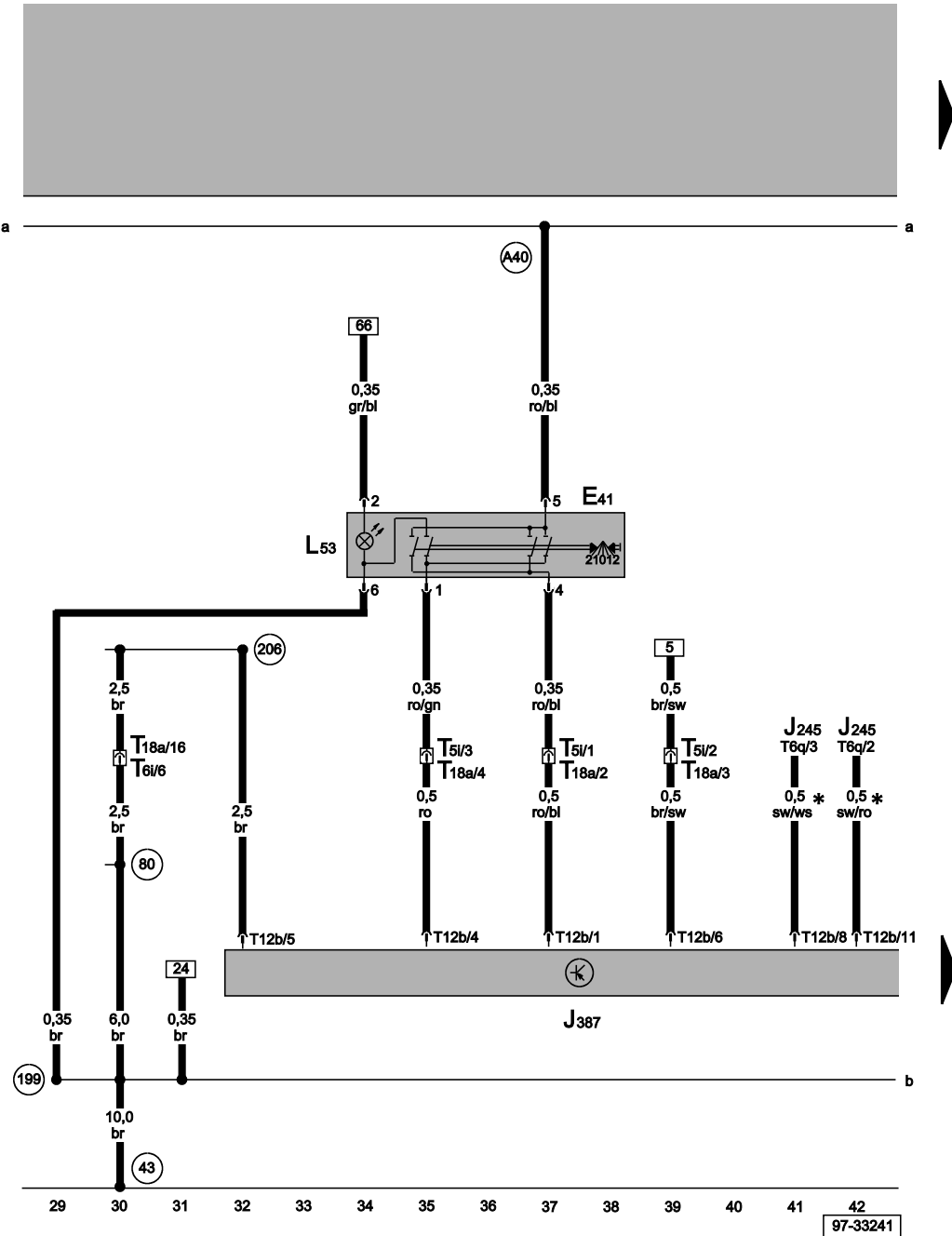
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 gr = grey
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 rs = pink

Front right window lifter switch, door control unit, front passenger's side

- E41 Front right window lifter switch
- J245 Sliding sunroof adjustment control unit
- J387 Door control unit, front passenger's side
- L53 Window lifter switch light bulb
- T5i 5-pin connector, on part of right A-pillar
- T6i 6-pin connector, on right A-pillar
- T6q 6-pin connector, in roof
- T12b 12-pin connector, on door control unit, front passenger's side
- T18a 18-pin connector, on right A-pillar

- 43 Earth point, lower part of right A-pillar
- 80 Earth connection -1-, in dash panel wiring harness
- 199 Earth connection -3-, in dash panel wiring harness
- 206 Earth connection, in door wiring harness - front passenger's side
- A40 Positive (+) connection -1- (30), in dash panel wiring harness

* Only models with sliding / tilting sunroof



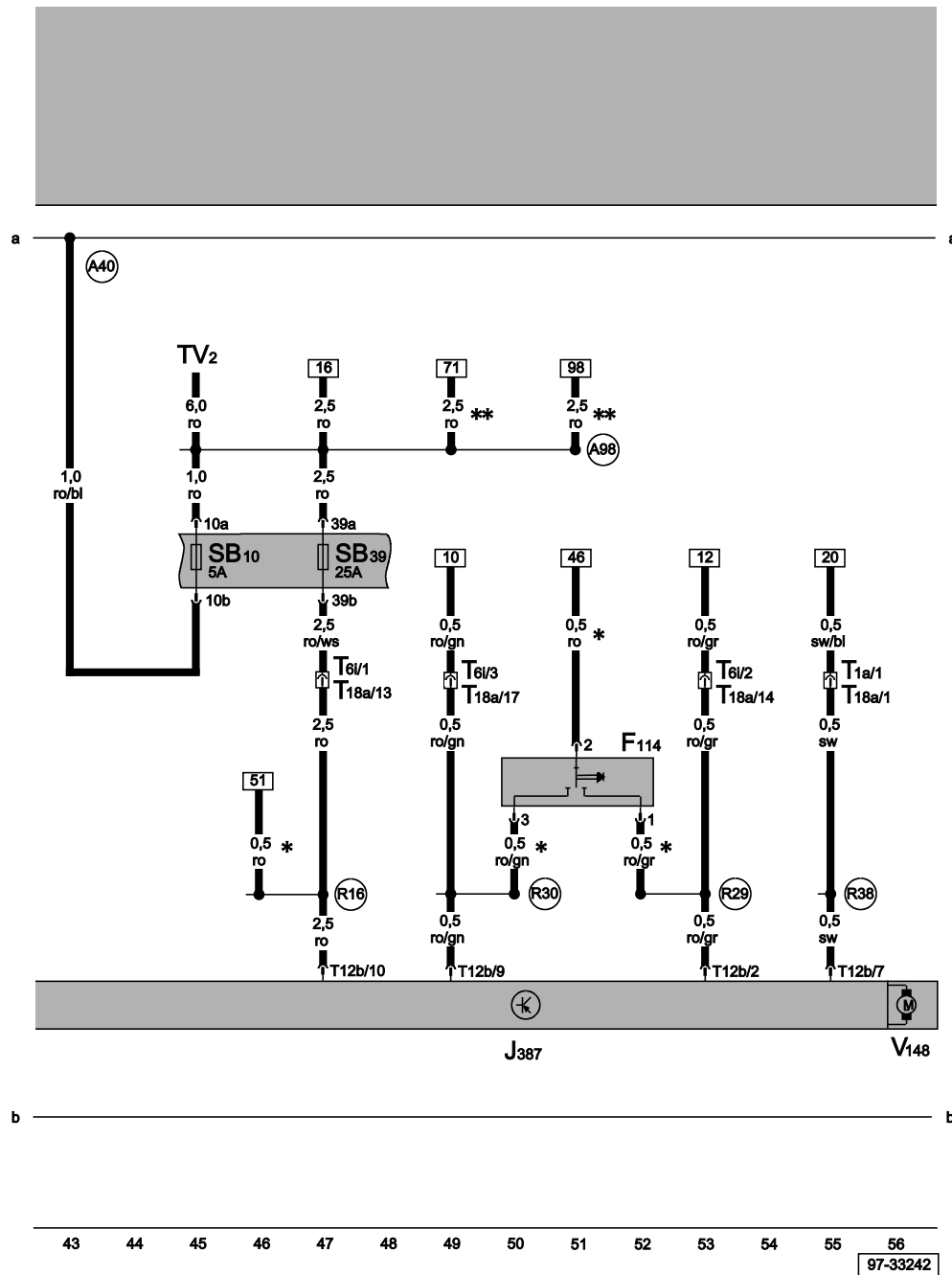
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- or = orange
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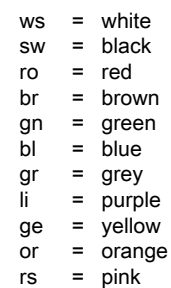
Central locking switch (front passenger's side), door control unit, front passenger's side, fuses, window lifter motor, front passenger's side

- F114 Central locking switch (front passenger's side)
- J387 Door control unit, front passenger's side
- SB10 Fuse -10- on fuse box
- SB39 Fuse -39- on fuse box
- T1a Single connector, on right A-pillar
- T6i 6-pin connector, on right A-pillar
- T12b 12-pin connector, on door control unit, front passenger's side
- T18a 18-pin connector, on right A-pillar
- TV2 Terminal 30 junction box
- V148 Window lifter motor, front passenger's side

- A40 Positive (+) connection -1- (30), in dash panel wiring harness
- A98 Positive (+) connection -4- (30), in dash panel wiring harness
- R16 Positive (+) connection -1- (30), in door wiring harness - front passenger's side
- R29 Connection -1- (open), in door wiring harness, front passenger's side
- R30 Connection -2- (closed), in door wiring harness, front passenger's side
- R38 Connection -1- (window lifter), in door wiring harness, front passenger's side
- * Only models with central locking
- ** Only models with rear window lifter

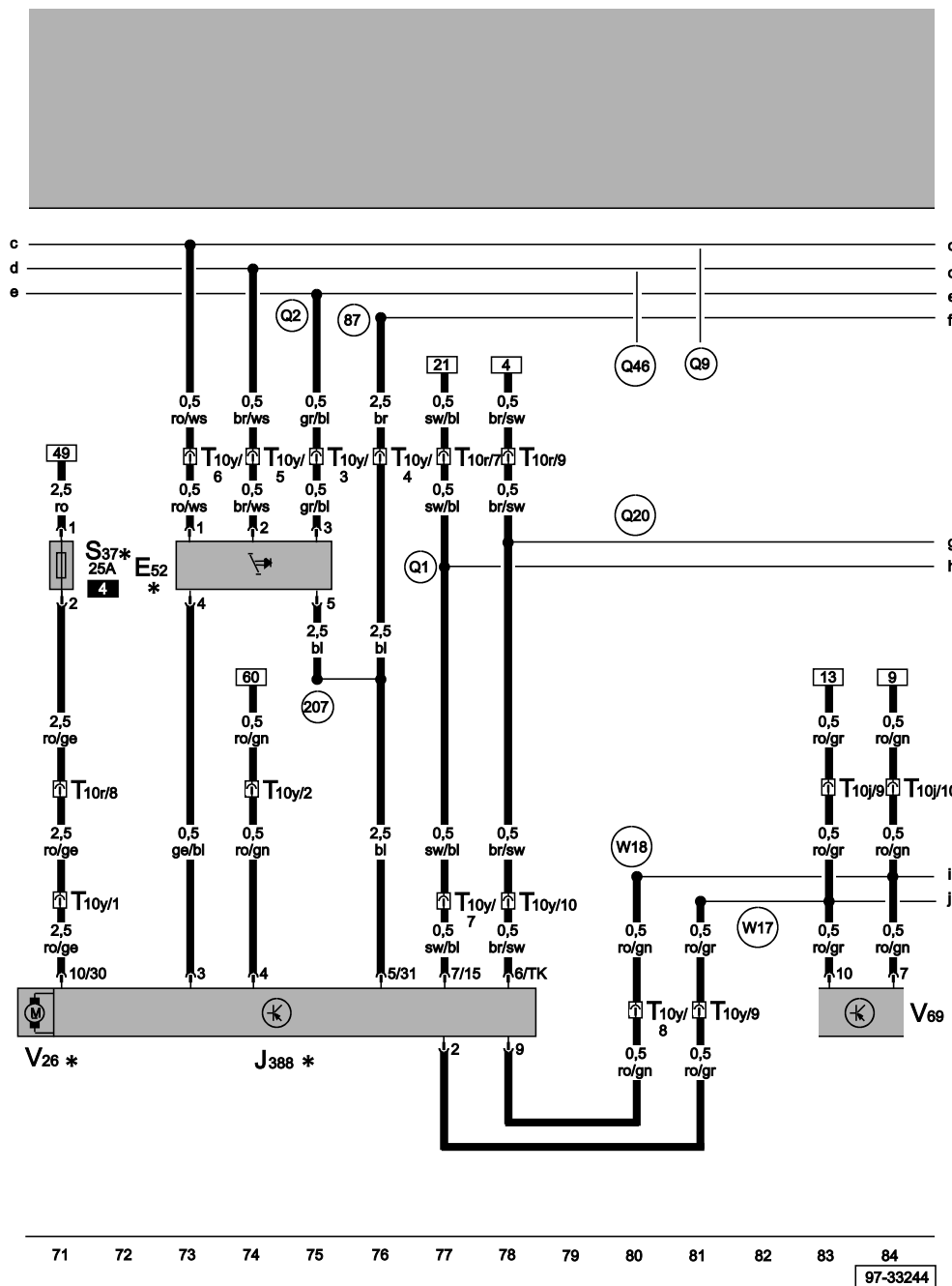
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- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink





E1	Light switch
E39	Rear window lifter isolation switch
E53	Rear left window lifter switch, driver
E55	Rear right window lifter switch, driver
T10r	10-pin connector, blue, coupling station under relay carrier, left
T17	17-pin connector, on light switch

- 199 Earth connection -3-, in dash panel wiring harness
 - A4 Positive (+) connection (58b), in dash panel wiring harness
 - A40 Positive (+) connection -1- (30), in dash panel wiring harness
 - Q2 Positive (+) connection (58), in window lifter wiring harness
 - Q9 Connection in window lifter wiring harness
 - Q46 Connection (child safety), in window lifter wiring harness
- * Only models with rear window lifter



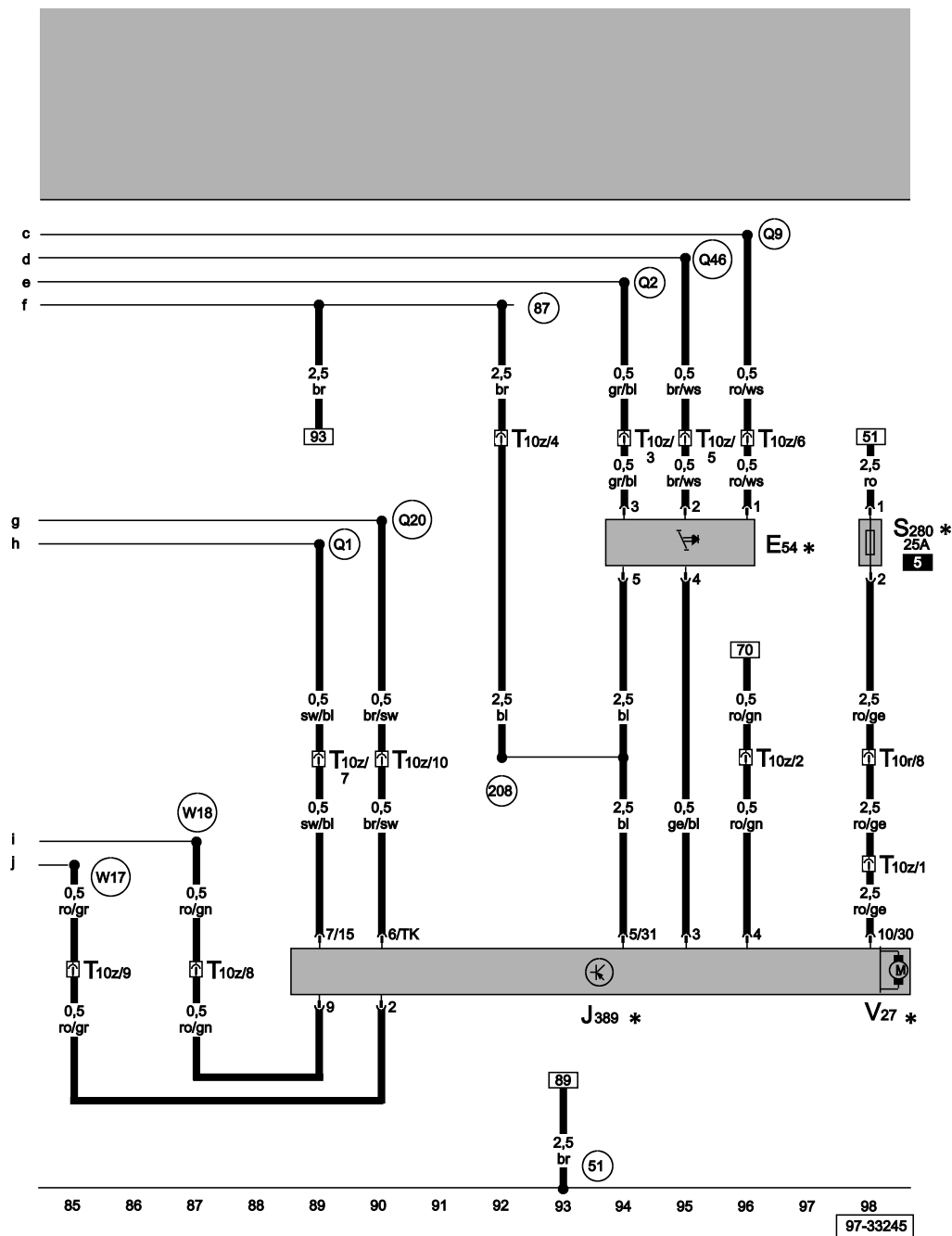
Window lifter motor, rear left

- E52 Rear left window lifter switch, in door
- J388 Door control unit, rear left
- S37 Window lifter single fuse
- T10j 10-pin connector, grey, coupling station under relay carrier, left
- T10r 10-pin connector, blue, coupling station under relay carrier, left
- T10y 10-pin connector, on left B-pillar
- V26 Window lifter motor, rear left
- V69 Central locking pump with control unit

- 87 Earth connection -2-, in rear wiring harness
- 207 Earth connection, in rear left door wiring harness
- Q1 Positive (+) connection (30), in window lifter wiring harness
- Q2 Positive (+) connection (58), in window lifter wiring harness
- Q9 Connection in window lifter wiring harness
- Q20 Connection -1- (door contact switch), in window lifter wiring harness
- Q46 Connection (child safety), in window lifter wiring harness
- W17 Connection (lock cylinder open), in rear wiring harness
- W18 Connection (lock cylinder closed), in rear wiring harness

* Only models with rear window lifter

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



Window lifter motor, rear right

- E54 Rear right window lifter switch, in door
- J389 Door control unit, rear right
- S280 Window lifter single fuse 2
- T10r 10-pin connector, blue, coupling station under relay carrier, left
- T10z 10-pin connector, on right B-pillar
- V27 Window lifter motor, rear right

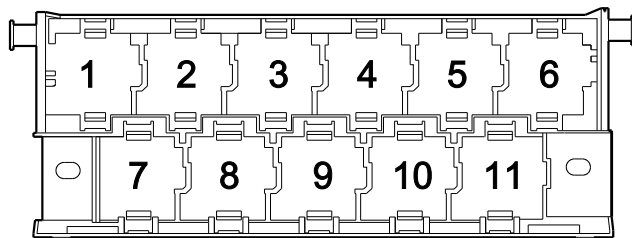
- 51 Earth point, right luggage compartment
- 87 Earth connection -2-, in rear wiring harness
- 208 Earth connection, in rear right door wiring harness
- Q1 Positive (+) connection (30), in window lifter wiring harness
- Q2 Positive (+) connection (58), in window lifter wiring harness
- Q9 Connection in window lifter wiring harness
- Q20 Connection -1- (door contact switch), in window lifter wiring harness
- Q46 Connection (child safety), in window lifter wiring harness
- W17 Connection (lock cylinder open), in rear wiring harness
- W18 Connection (lock cylinder closed), in rear wiring harness
- * Only models with rear window lifter

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Daytime driving lights

From May 2001

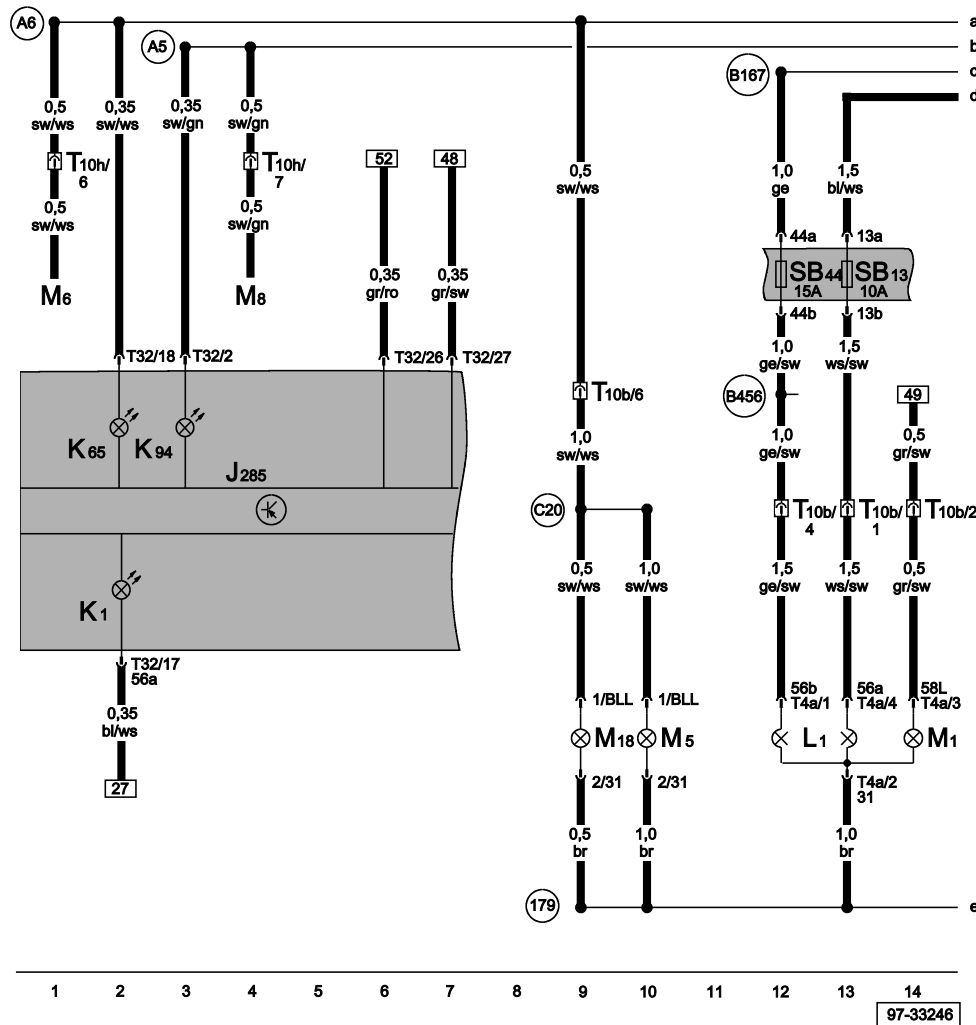
For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.



97-22850

Fuse colours

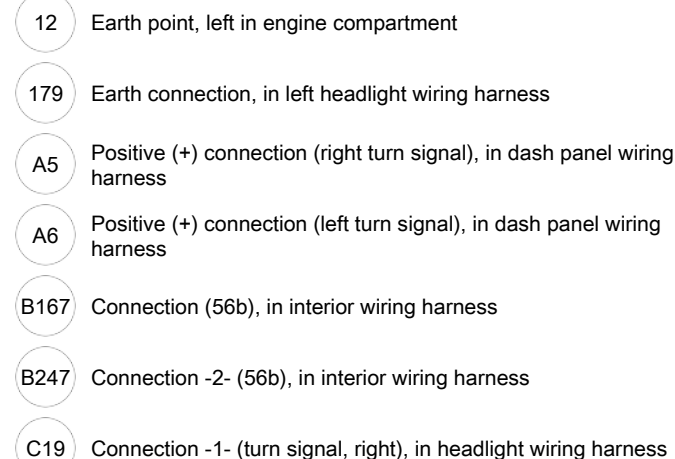
- 30 A - green
- 25 A - white
- 20 A - yellow
- 15 A - blue
- 10 A - red
- 7.5 A - brown
- 5 A - beige
- 3 A - purple



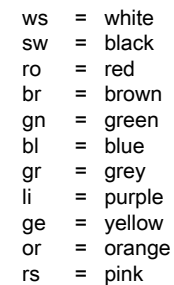
Headlight, left, turn signal front right, turn signal bulb, rear, dash panel insert

- J285 Control unit with display in dash panel insert
- K1 Main beam warning lamp
- K65 Left turn signal warning lamp
- K94 Right turn signal warning lamp
- L1 Twin filament bulb for headlight, left
- M1 Side light bulb, left
- M5 Turn signal bulb, front left
- M6 Turn signal bulb, rear left
- M8 Turn signal bulb, rear right
- M18 Side turn signal bulb, left
- T4a 4-pin connector, in headlight, left
- T10b 10-pin connector, white, coupling station under relay carrier, left
- T10h 10-pin connector, light green, coupling station under relay carrier, left
- T32 32-pin connector, blue
- SB13 Fuse -13- on fuse box
- SB44 Fuse -44- on fuse box
- 179 Earth connection, in left headlight wiring harness
- A5 Positive (+) connection (right turn signal), in dash panel wiring harness
- A6 Positive (+) connection (left turn signal), in dash panel wiring harness
- B167 Connection (56b), in interior wiring harness
- B456 Connection (56b), in main wiring harness
- C20 Connection (turn signal, left), in headlight wiring harness

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



Edition 11.2002



D	Ignition/starter switch
E1	Light switch
L9	Light switch light bulb
T17	17-pin connector, connector on light switch
TV2	Terminal 30 junction box

- Edition 11.2002**

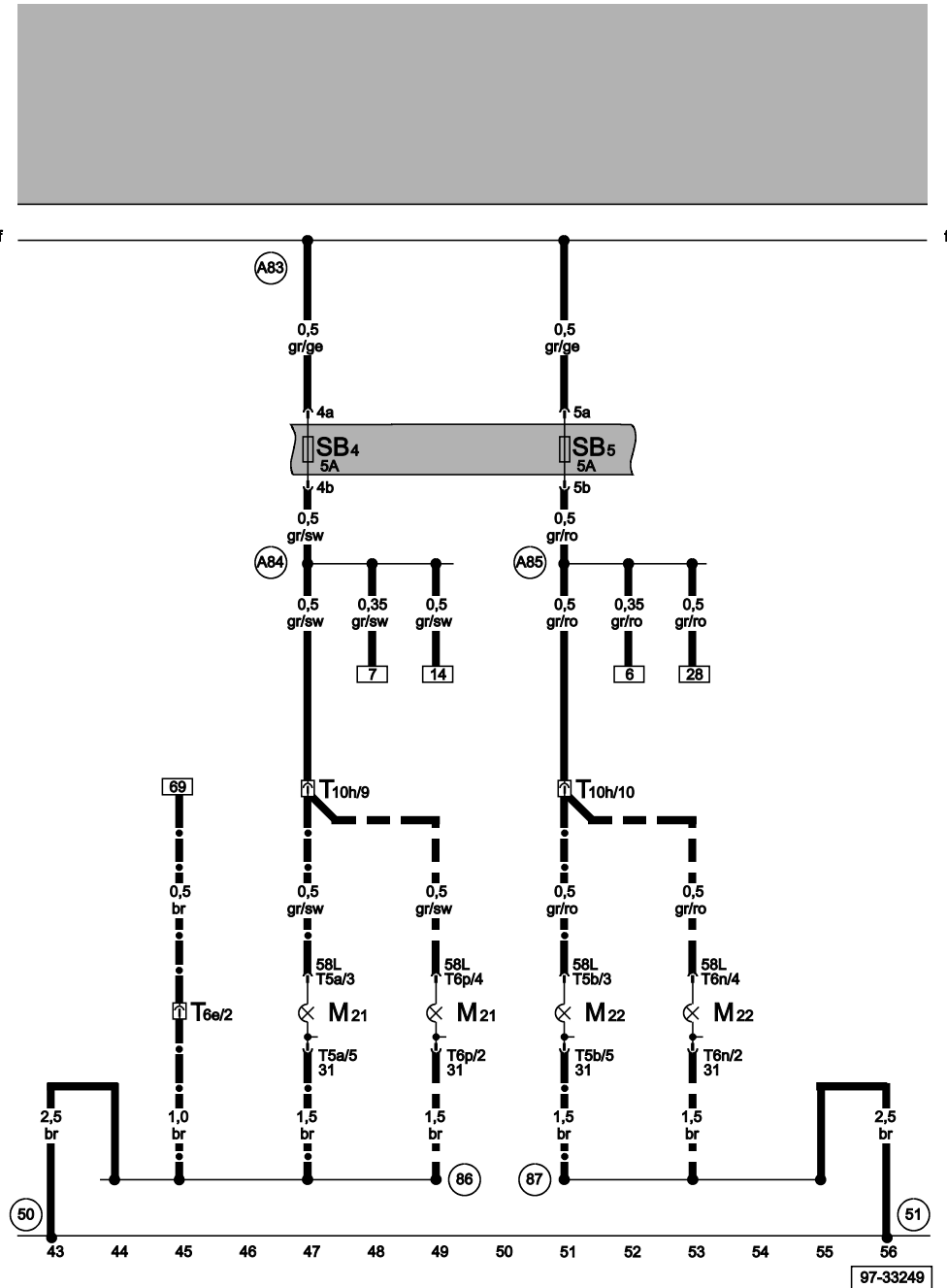
Brake and tail light bulb

- M21 Brake and tail light bulb, left
- M22 Brake and tail light bulb, right
- SB4 Fuse -4- on fuse box
- SB5 Fuse -5- on fuse box
- T5a 5-pin connector, on left tail light
- T5b 5-pin connector, on right tail light
- T6e 6-pin connector, on left C-pillar
- T6n 6-pin connector, on right tail light
- T6p 6-pin connector, on left tail light
- T10h 10-pin connector, light green, coupling station under relay carrier, left

- 50 Earth point, on left luggage compartment
- 51 Earth point, right luggage compartment
- 86 Earth connection -1-, in rear wiring harness
- 87 Earth connection -2-, in rear wiring harness
- A83 Connection (daytime driving lights), in dash panel wiring harness
- A84 Connection (58L), in dash panel wiring harness
- A85 Connection (58R), in dash panel wiring harness

<fo:exter Only Polo Variant

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rs	= pink	>	

Number plate light

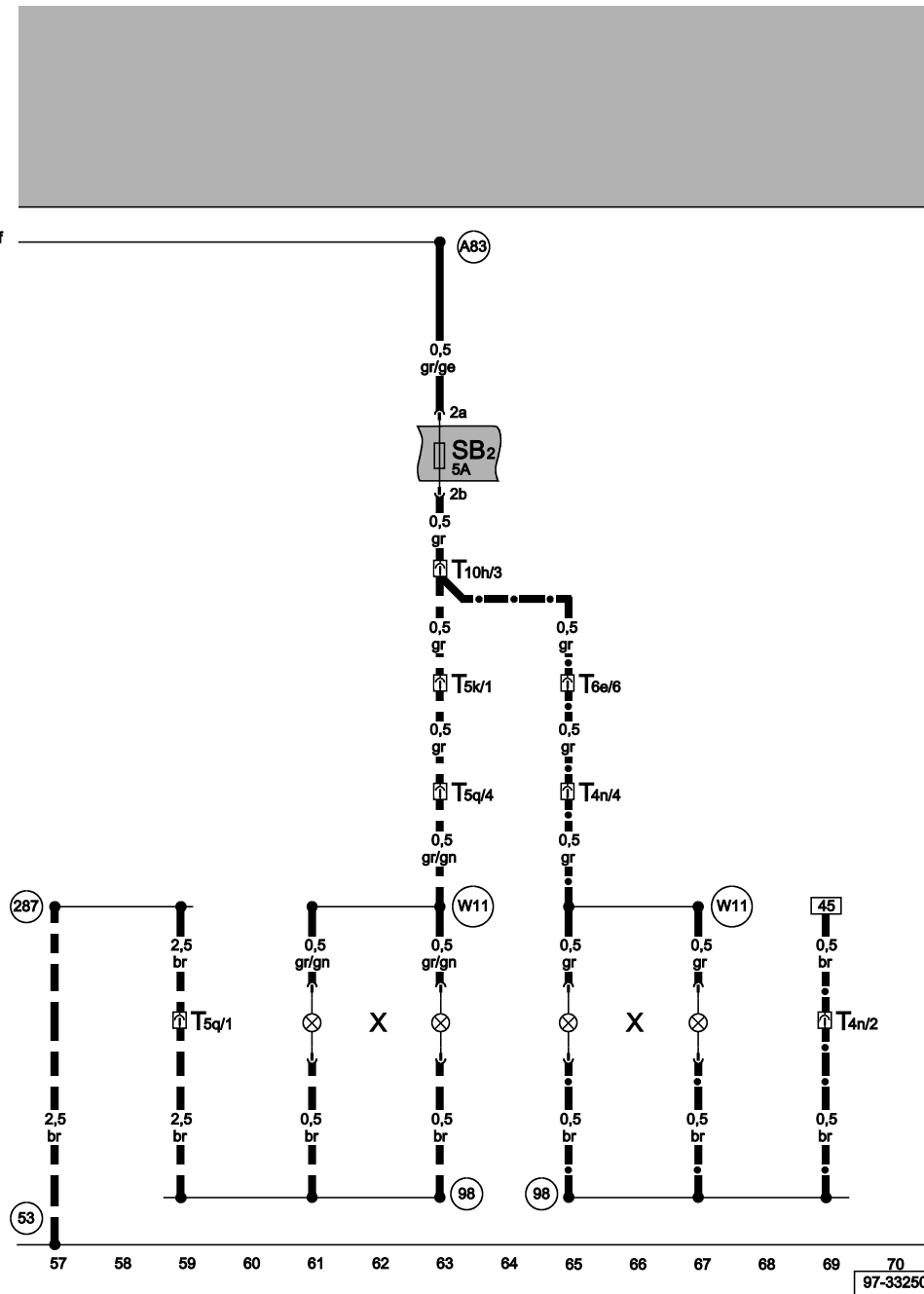
- SB2 Fuse -2- on fuse box
- T4n 4-pin connector, in tailgate/boot lid
- T5k 5-pin connector, on right C-pillar
- T5q 5-pin connector, in tailgate/boot lid
- T6e 6-pin connector, on left C-pillar
- T10h 10-pin connector, light green, coupling station under relay carrier, left
- X Number plate light

- 53 Earth point, in tailgate/boot lid, right
- 98 Earth connection, in tailgate/boot lid wiring harness
- 287 Earth connection, in rear lid prewiring wiring harness
- A83 Connection (daytime driving lights), in dash panel wiring harness
- W11 Connection (58), in tailgate/boot lid wiring harness

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or	=	orange	>
rs	=	pink	

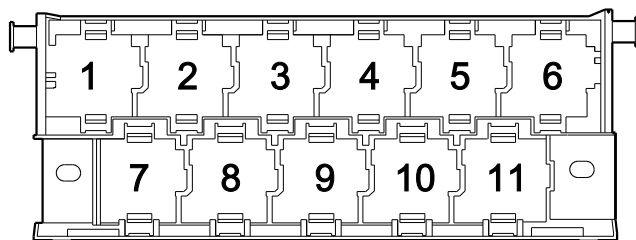
1.4 l/55 kW - 4LV, engine codes APE, AUA

From May 2001

1.4 l/55 kW - 4LV, engine codes APE, From May 2001

For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.

Relay locations on relay plate:



97-22850

2 - Fuel pump relay (167)

11 - Fuel shut- off control unit (405)



Note:

♦ The number in brackets behind the part designation denotes the control number on the housing.

Fuse colours

30 A - green

25 A - white

20 A - yellow

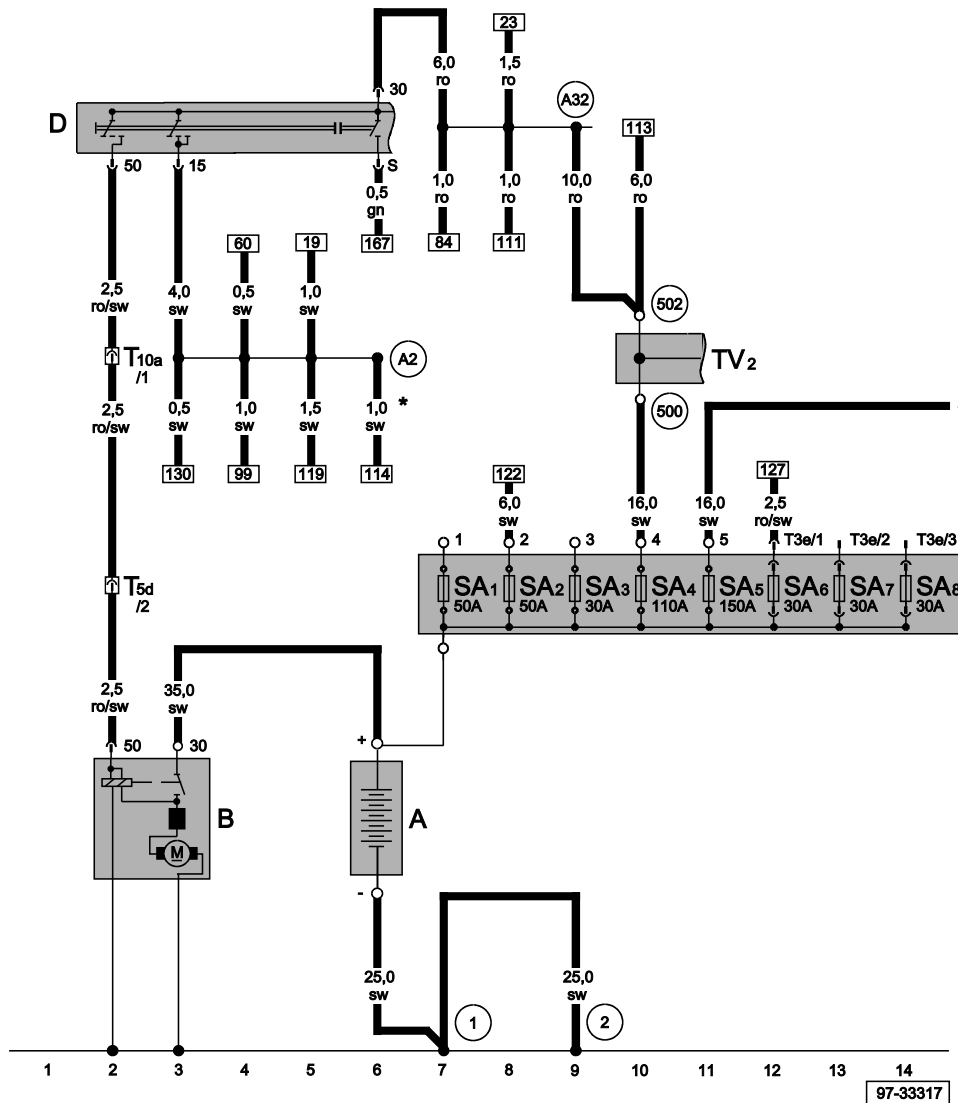
15 A - blue

10 A - red

7.5 A - brown

5 A - beige

3 A - purple

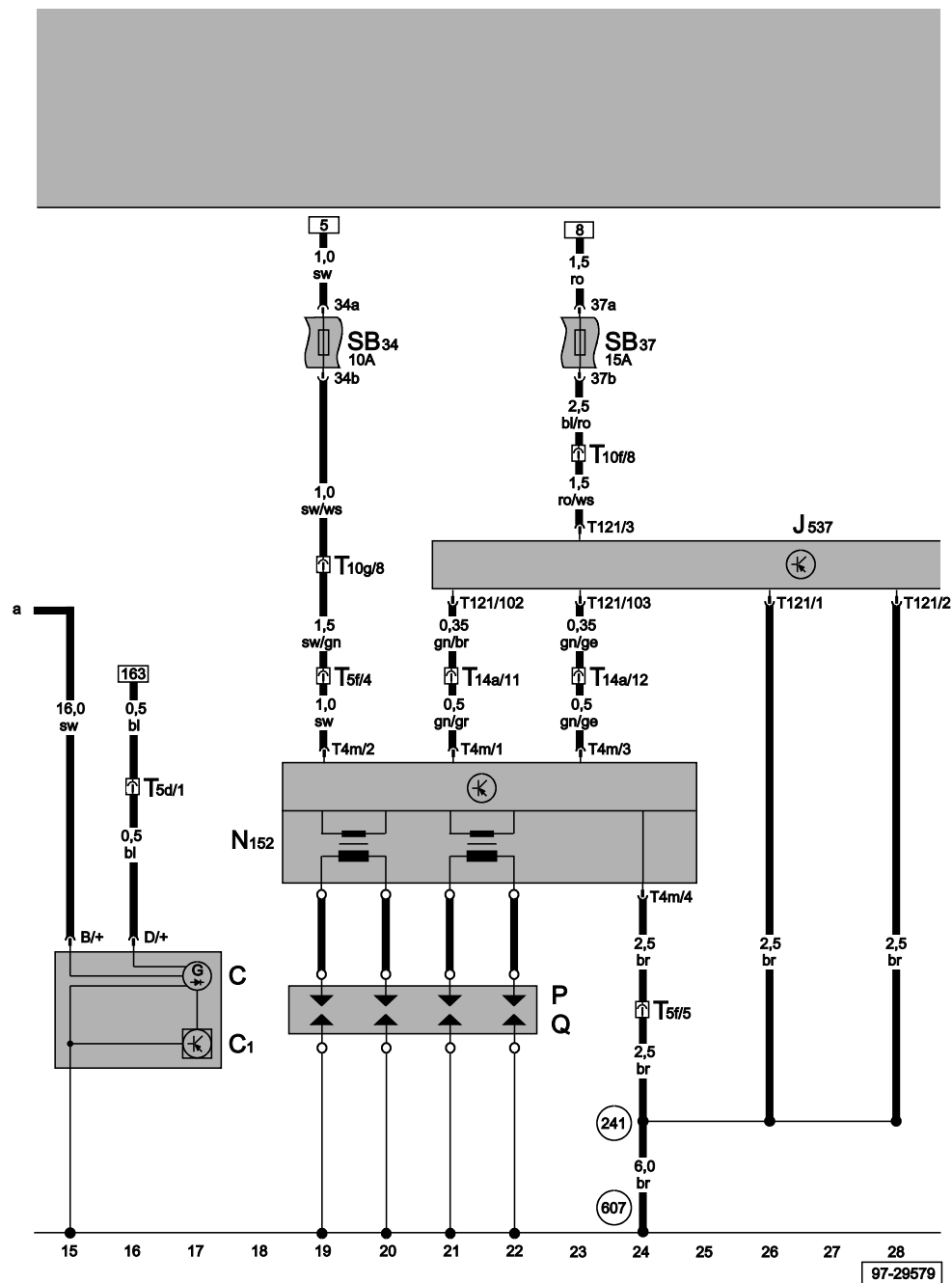


Starter, battery, ignition/starter switch, fuse box / battery

- A Battery
- B Starter
- D Ignition/starter switch
- SA1 Fuse -1- on battery fuse box
- SA2 Fuse -2- on battery fuse box
- SA3 Fuse -3- on battery fuse box
- SA4 Fuse -4- on battery fuse box
- SA5 Fuse -5- on battery fuse box
- SA6 Fuse -6- on battery fuse box
- SA7 Fuse -7- on battery fuse box
- SA8 Fuse -8- on battery fuse box
- T3e 3-pin connector, on battery fuse box
- T5d 5-pin connector, in engine compartment, near gearbox
- T10a 10-pin connector, black, coupling station under relay carrier, left
- TV2 Terminal 30 wiring junction

- 1 Earth strap, battery - body
- 2 Earth strap, gearbox - body
- 500 Screw connection -1- (30), on relay plate
- 502 Screw connection -1- (30a), on relay plate
- A2 Positive (+) connection (15), in dash panel wiring harness
- A32 Positive (+) connection (30), in dash panel wiring harness
- * Only models with airbags

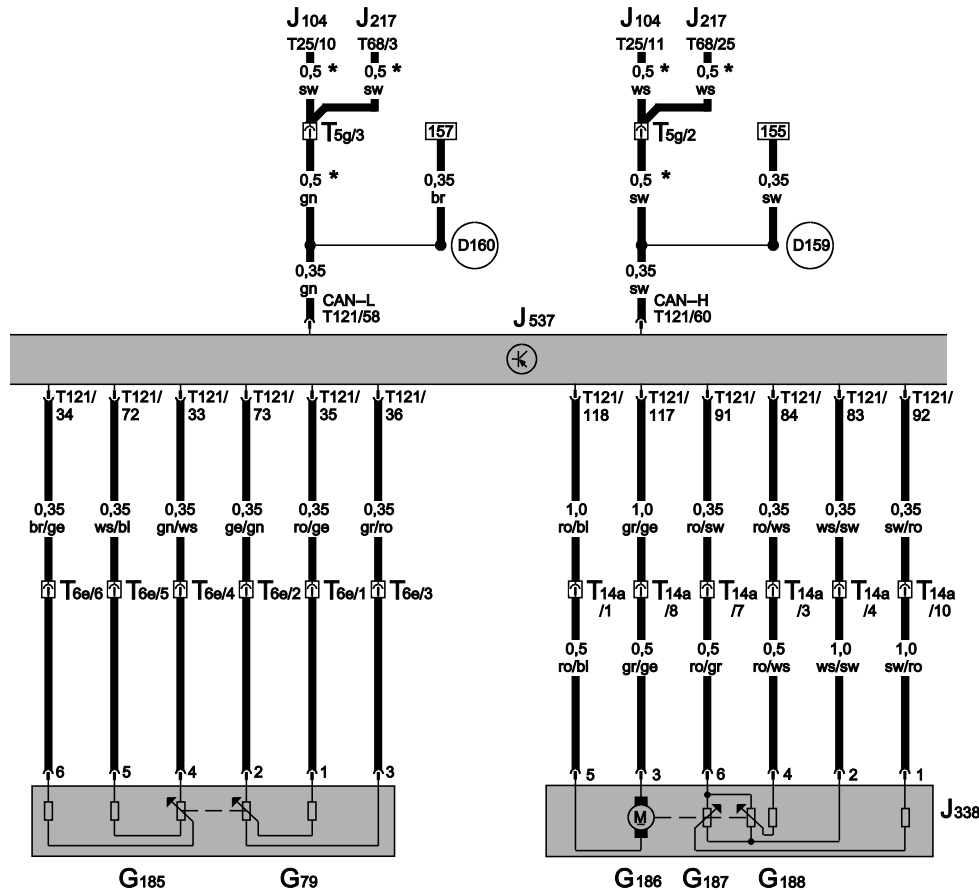
ws = white
 sw = black
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 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange
 rs = pink



4LV control unit (injection system), alternator, voltage regulator, voltage supply, ignition transformer

- C Alternator
- C1 Voltage regulator
- J537 4LV control unit (injection system)
- N152 Ignition transformer
- P Spark plug connector
- Q Spark plugs
- SB34 Fuse -34- on fuse box
- SB37 Fuse -37- on fuse box
- T4m 4-pin connector, yellow, on ignition transformer
- T5d 5-pin connector, in engine compartment, near gearbox
- T5f 5-pin connector, in engine compartment
- T10f 10-pin connector, purple, coupling station under relay carrier, left
- T10g 10-pin connector, red, coupling station under relay carrier, left
- T14a 14-pin connector, in engine compartment
- T121 121-pin connector
- 241 Earth connection -2-, engine earth, in engine wiring harness
- 607 Earth point, on left in plenum chamber

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 gr = grey
 li = purple
 ge = yellow
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 rs = pink



4LV control unit (injection system), accelerator pedal position senders, throttle valve control unit

- G79 Accelerator pedal position sender
- G185 Accelerator pedal position sender -2-
- G186 Throttle valve drive (electric throttle operation)
- G187 Throttle valve drive angle sender -1- (electric throttle operation)
- G188 Throttle valve drive angle sender -2- (electric throttle operation)
- J104 ABS with EDL control unit
- J217 Automatic gearbox control unit
- J338 Throttle valve control unit
- J537 4LV control unit (injection system)
- T5g 5-pin connector, pink, coupling station under relay carrier, left
- T6e 6-pin connector, near accelerator pedal position sender
- T14a 14-pin connector, in engine compartment
- T25 25-pin connector
- T68 68-pin connector
- T121 121-pin connector

D159 Connection (high bus), in interior wiring harness

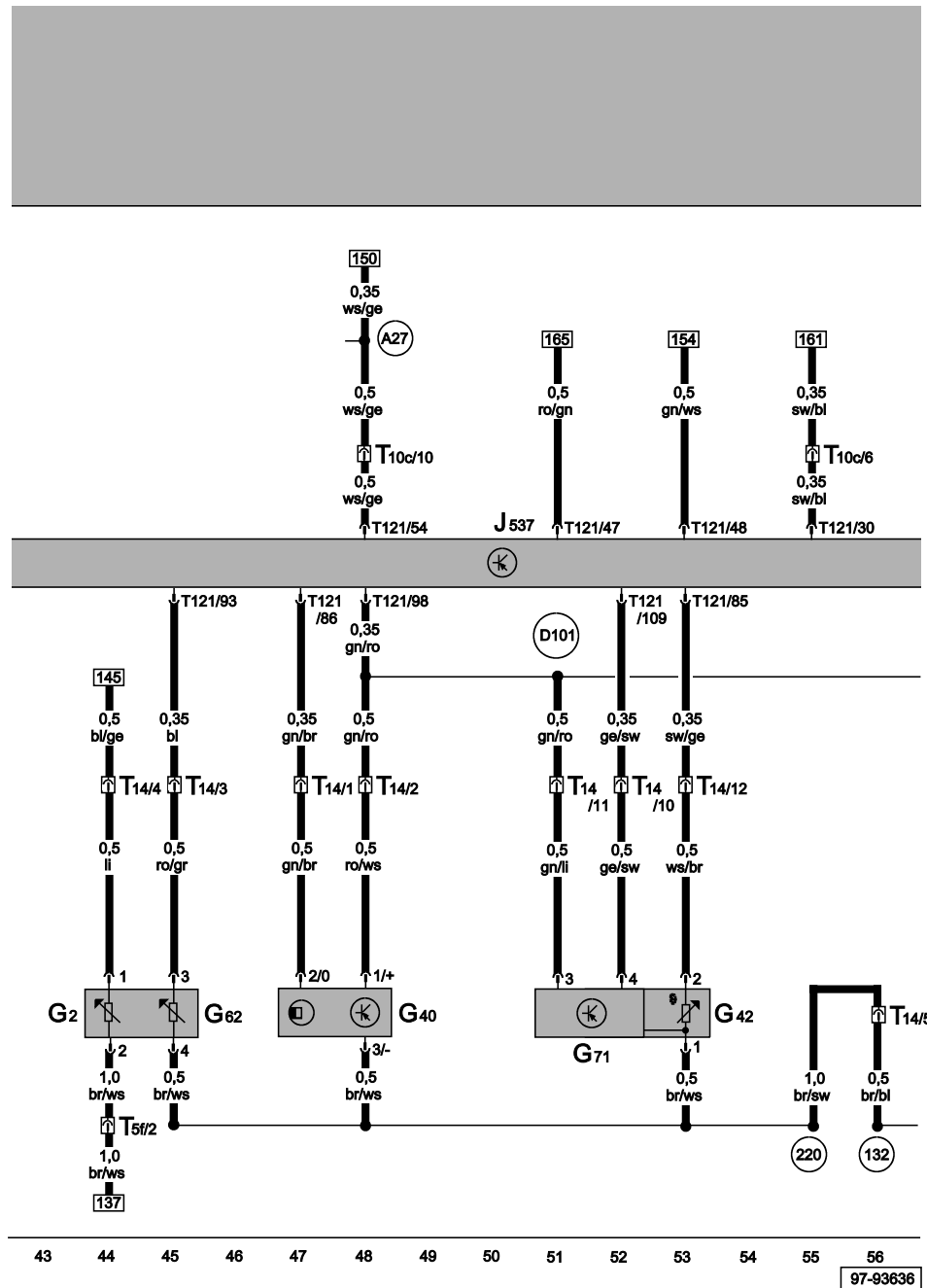
D160 Connection (low bus), in engine compartment wiring harness

* Depends on equipment

ws = white
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gn = green
bl = blue
gr = grey
li = purple
ge = yellow
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rs = pink

4LV control unit (injection system), coolant temperature sender, intake air temperature sender, intake manifold pressure sender, Hall sender

- G2 Coolant temperature sender
- G40 Hall sender
- G42 Intake air temperature sender
- G62 Coolant temperature sender
- G71 Intake manifold pressure sender
- J537 4LV control unit (injection system)
- T5f 5-pin connector, in engine compartment
- T10c 10-pin connector, brown, coupling station under relay carrier, left
- T14 14-pin connector, in engine compartment
- T121 121-pin connector
- 132 Earth connection -3-, in engine compartment wiring harness
- 220 Earth connection (sender earth), in engine wiring harness
- A27 Connection (speed signal), in dash panel wiring harness
- D101 Connection -1-, in engine compartment wiring harness



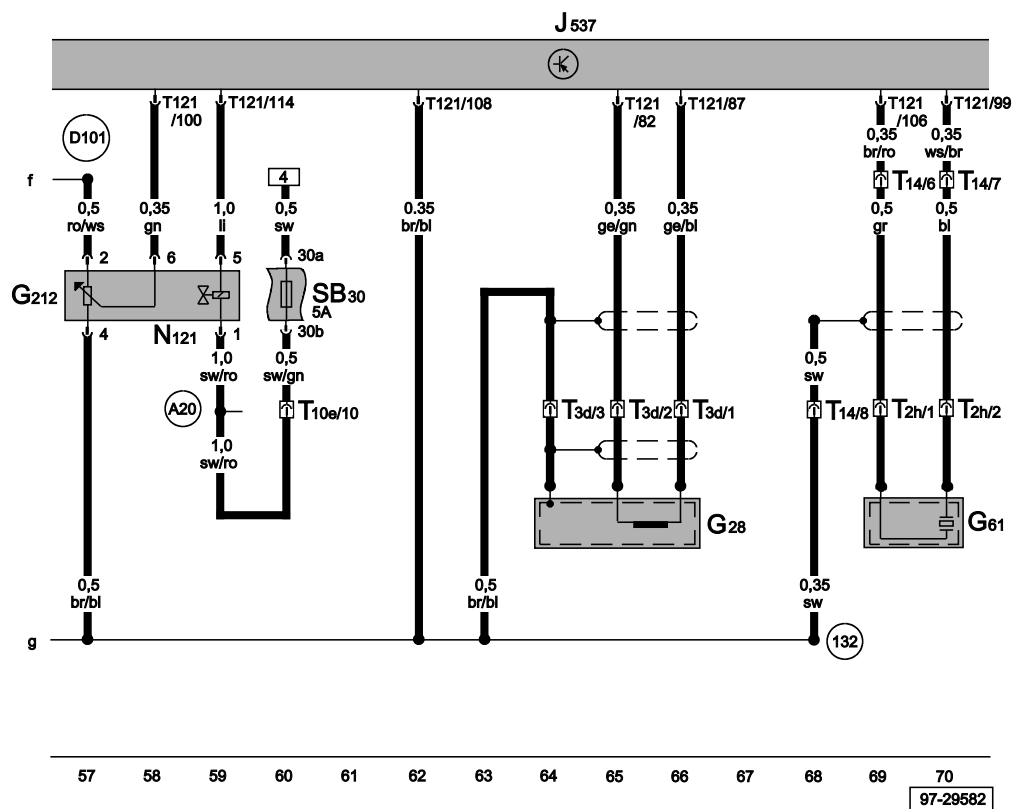
4LV control unit (injection system), engine speed sender, knock sensor I, exhaust gas recirculation frequency valve

- G28 Engine speed sender
- G61 Knock sensor I
- G212 Exhaust gas recirculation potentiometer
- J537 4LV control unit (injection system)
- N121 Exhaust gas recirculation frequency valve
- SB30 Fuse -30- on fuse box
- T2h 2-pin connector, near knock sensor I
- T3d 3-pin connector, near engine speed sender
- T10e 10-pin connector, green, coupling station under relay carrier, left
- T14 14-pin connector, in engine compartment
- T121 121-pin connector

132 Earth connection -3-, in engine compartment wiring harness

A20 Connection (15a), in dash panel wiring harness

D101 Connection -1-, in engine compartment wiring harness

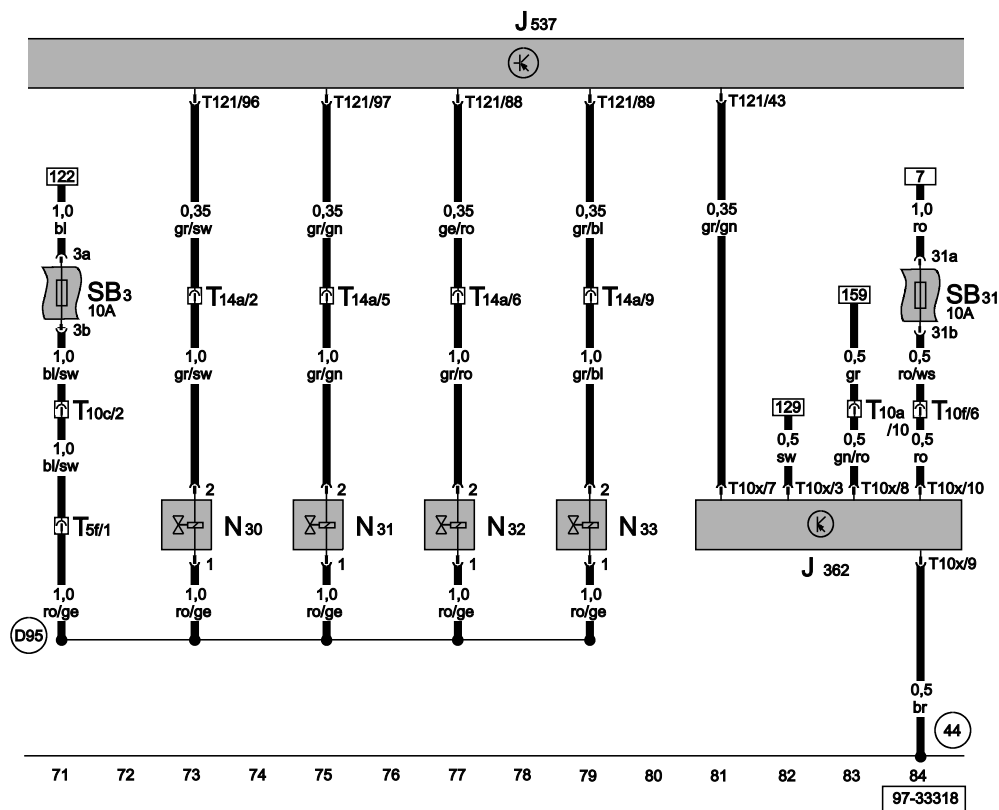


4LV control unit (injection system), injectors, immobilizer control unit

- J362 Immobilizer control unit
- J537 4LV control unit (injection system)
- N30 Injector, cylinder 1
- N31 Injector, cylinder 2
- N32 Injector, cylinder 3
- N33 Injector, cylinder 4
- SB3 Fuse -3- on fuse box
- SB31 Fuse -31- on fuse box
- T5f 5-pin connector, in engine compartment
- T10a 10-pin connector, black, coupling station under relay carrier, left
- T10c 10-pin connector, brown, coupling station under relay carrier, left
- T10f 10-pin connector, purple, coupling station under relay carrier, left
- T10x 10-pin connector, on immobilizer control unit
- T14a 14-pin connector, in engine compartment
- T121 121-pin connector

44 Earth point, lower part of left A-pillar

D95 Connection (injectors), in engine compartment wiring harness

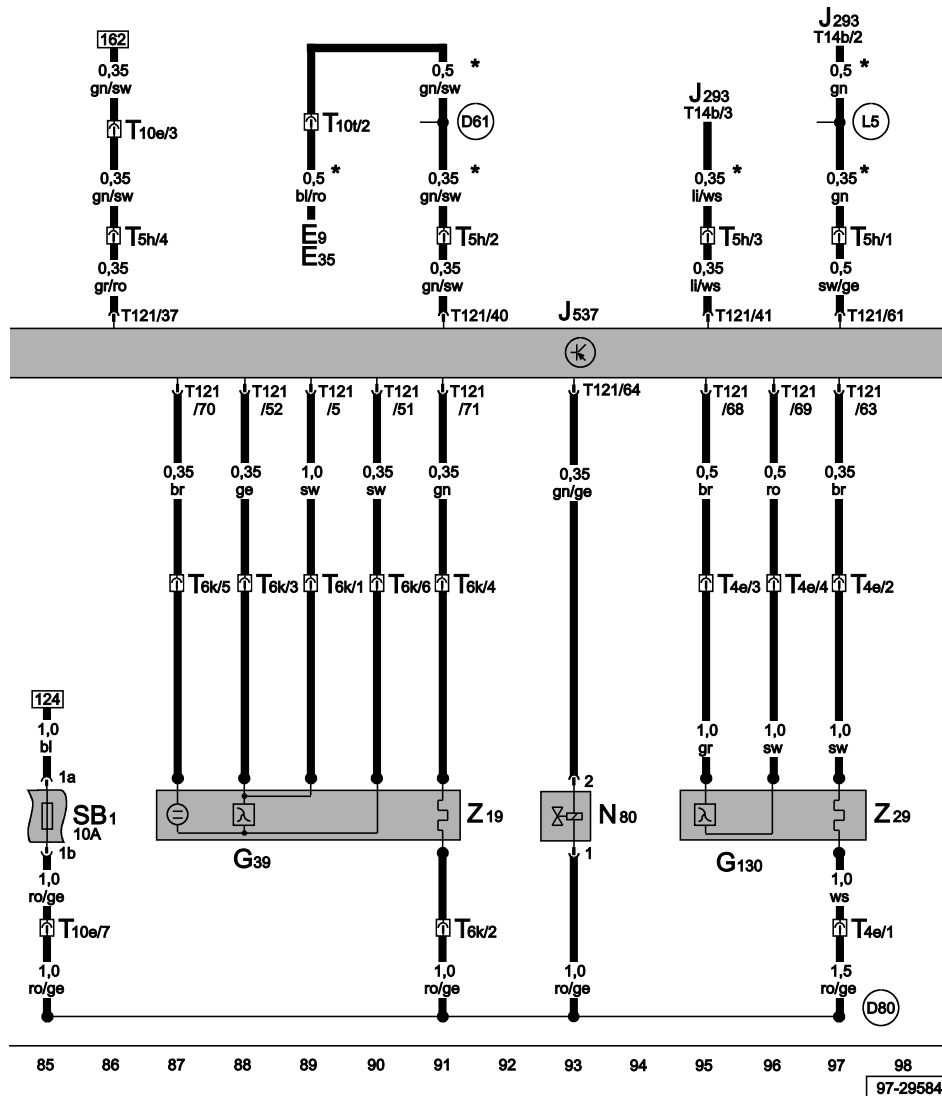


4LV control unit (injection system), lambda probe, lambda probe after catalyst, activated charcoal filter system solenoid valve 1

- E9 Fresh air blower switch
- E35 Air conditioner switch
- G39 Lambda probe
- G130 Lambda probe after catalyst
- J293 Radiator fan control unit
- J537 4LV control unit (injection system)
- N80 Activated charcoal filter system solenoid valve 1 (pulsed)
- SB1 Fuse -1- on fuse box
- T4e 4-pin connector, near lambda probe
- T5h 5-pin connector, brown, coupling station under relay carrier, left
- T6k 6-pin connector, near lambda probe
- T10e 10-pin connector, green, coupling station under relay carrier, left
- T10t 10-pin connector, coupling station under relay carrier, left
- T14b 14-pin connector, on radiator fan control unit
- T121 121-pin connector
- Z19 Lambda probe heater
- Z29 Lambda probe 1 heater, after catalyst

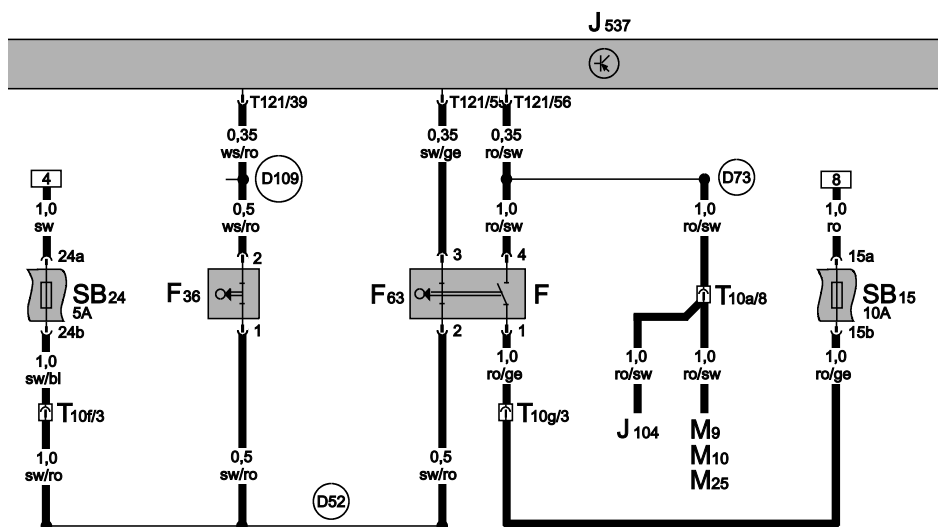
- (D61) Connection (air conditioner), in engine compartment wiring harness
- (D80) Positive (+) connection (87a - for activated charcoal filter system solenoid valve), in engine compartment wiring harness
- (L5) Connection -1-, in air conditioner wiring harness

* Only models with air conditioner

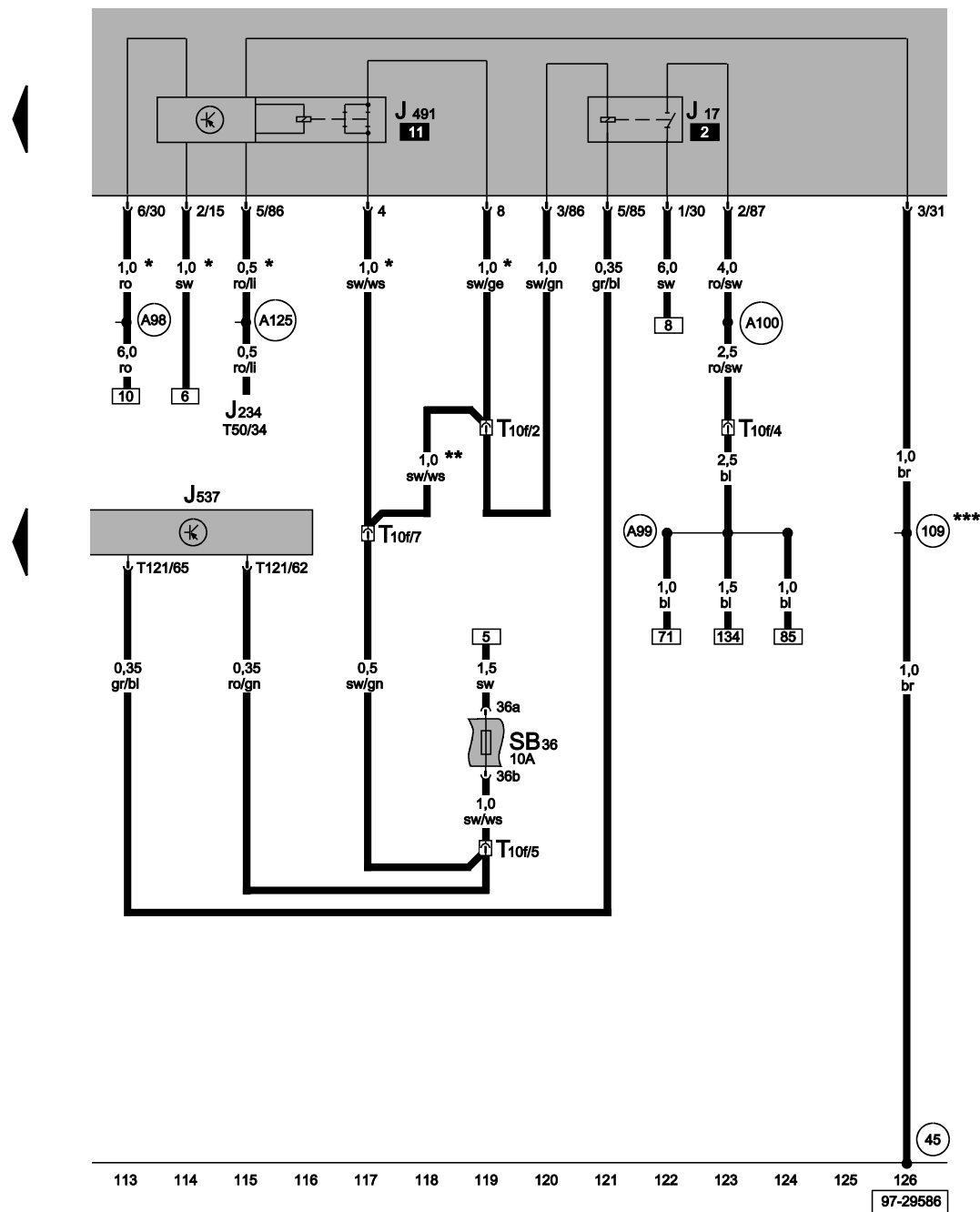


4LV control unit (injection system), brake light switch, clutch pedal switch, brake pedal switch

- F Brake light switch
- F36 Clutch pedal switch
- F63 Brake pedal switch
- J104 ABS with EDL control unit
- J537 4LV control unit (injection system)
- M9 Brake light bulb, left
- M10 Brake light bulb, right
- M25 High level brake light bulb
- SB15 Fuse -15- on fuse box
- SB24 Fuse -24- on fuse box
- T10a 10-pin connector, black, coupling station under relay carrier, left
- T10f 10-pin connector, purple, coupling station under relay carrier, left
- T10g 10-pin connector, red, coupling station under relay carrier, left
- T121 121-pin connector
- D52 Positive (+) connection (15a), in engine compartment wiring harness
- D73 Positive (+) connection (54), in engine compartment wiring harness
- D106 Connection -4-, in engine compartment wiring harness
- D109 Connection -7-, in engine compartment wiring harness



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



4LV control unit (injection system), fuel pump relay, fuel shut-off control unit (crash)

- J17 Fuel pump relay
- J234 Airbag control unit
- J491 Fuel shut-off control unit (crash)
- J537 4LV control unit (injection system)
- SB36 Fuse -36- on fuse box
- T10f 10-pin connector, purple, coupling station under relay carrier, left
- T50 50-pin connector, on airbag control unit
- T121 121-pin connector, on Motronic control unit

- 45 Earth point, behind dash panel - centre
- 109 Earth connection, in airbag wiring harness
- A98 Positive (+) connection -4- (30), in dash panel wiring harness
- A99 Connection -1- (87), in dash panel wiring harness
- A100 Connection -2- (87), in dash panel wiring harness
- A125 Connection (crash signal), in dash panel wiring harness

- * Only models with airbags
- ** Only models without airbags
- *** Does not apply to models with driver airbag , without window lifter

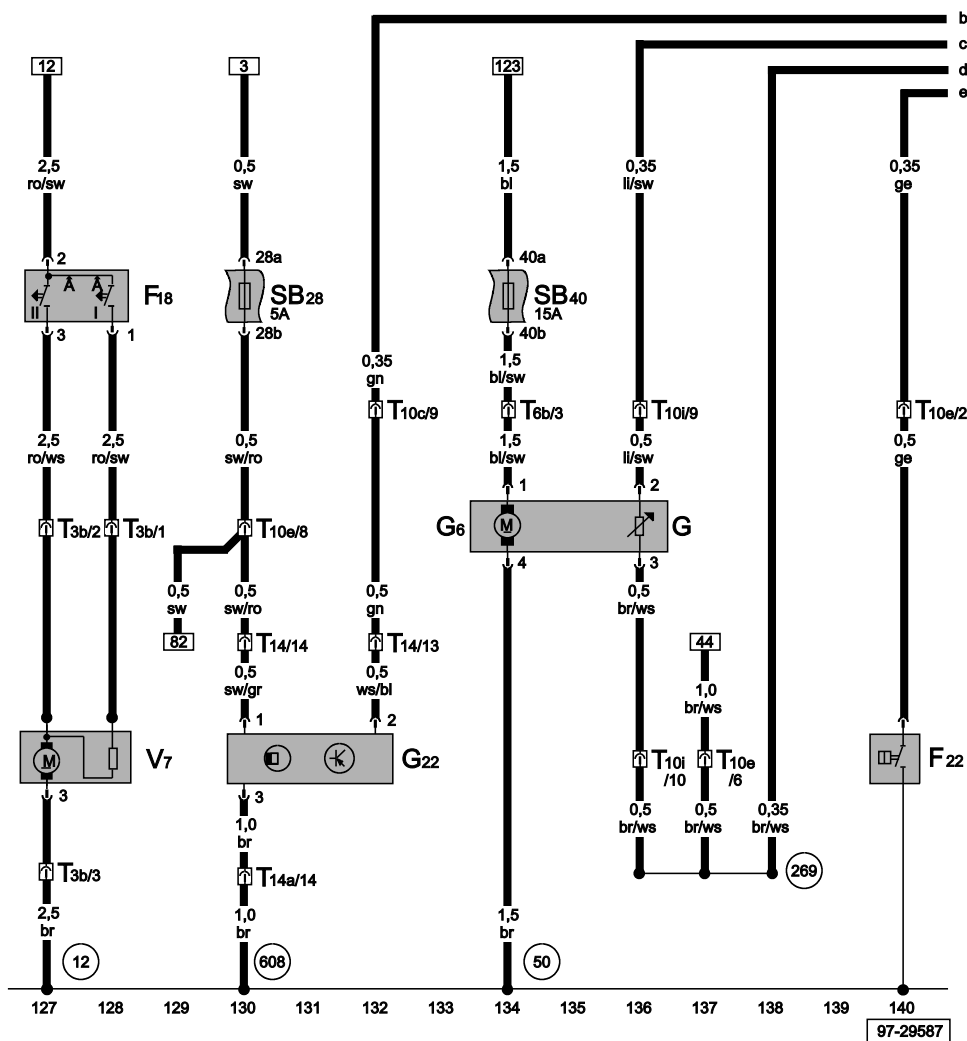
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Oil pressure switch, fuel pump, speedometer sender, radiator fan thermo-switch, radiator fan, fuel gauge sender

- F18 Radiator fan thermo-switch
- F22 Oil pressure switch (0,3 bar)
- G Fuel gauge sender
- G6 Fuel pump (pre-supply pump)
- G22 Speedometer sender (Hall sender, on gearbox)
- SB28 Fuse -28- on fuse box
- SB40 Fuse -40- on fuse box
- T3b 3-pin connector, on radiator fan
- T6b 6-pin connector, grey, coupling station under relay carrier, left
- T10c 10-pin connector, brown, coupling station under relay carrier, left
- T10e 10-pin connector, green, coupling station under relay carrier, left
- T10i 10-pin connector, orange, coupling station under relay carrier, left
- T14 14-pin connector, in engine compartment
- T14a 14-pin connector, in engine compartment
- V7 Radiator fan

- 12 Earth point, left in engine compartment
- 50 Earth point, on left luggage compartment
- 269 Earth connection (sender earth) -1-, in dash panel wiring harness
- 608 Earth point, in centre of plenum chamber

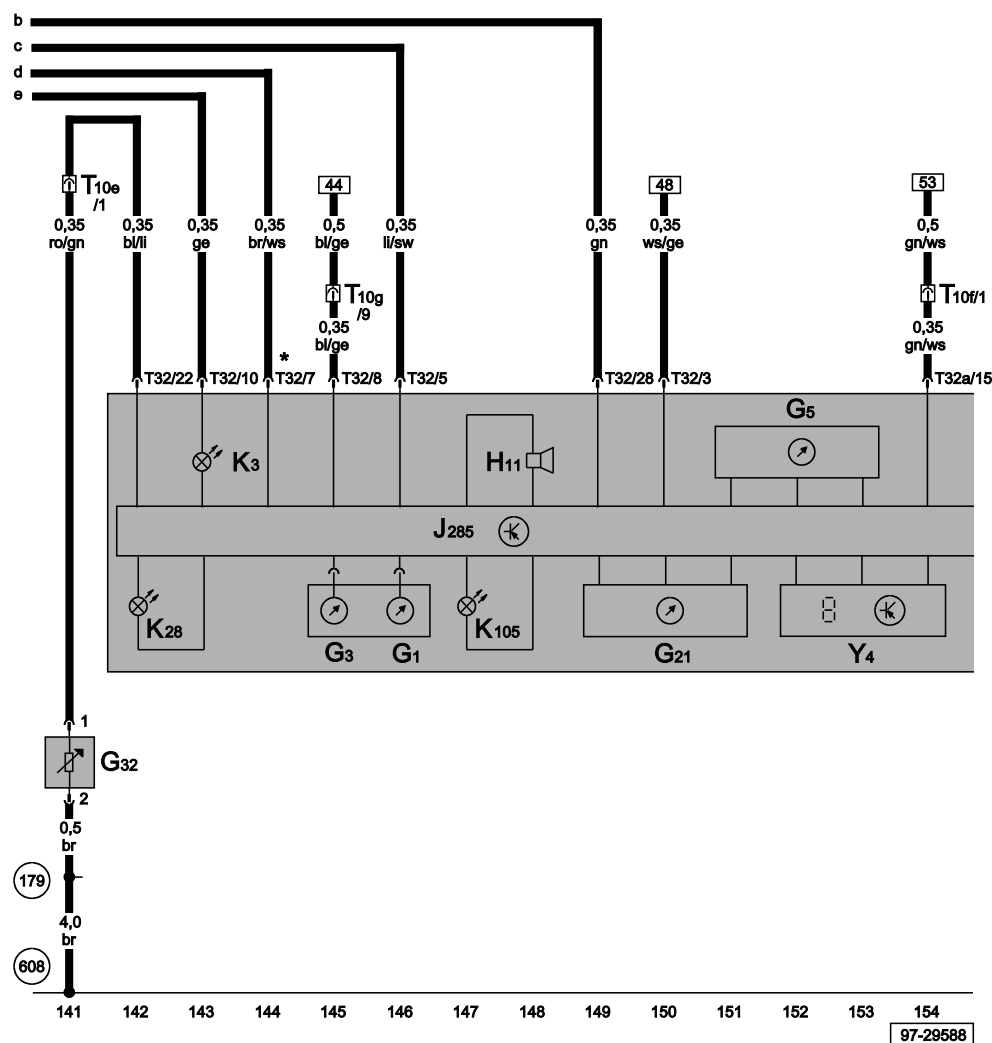
ws = white
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Control unit with display in dash panel insert, coolant shortage indicator sender, oil pressure warning lamp, speedometer, odometer display

- G1 Fuel gauge
- G3 Coolant temperature gauge
- G5 Rev. counter
- G21 Speedometer
- G32 Coolant shortage indicator sender
- H11 Oil pressure warning buzzer
- J285 Control unit with display in dash panel insert
- K3 Oil pressure warning lamp
- K28 Coolant temperature/coolant shortage warning lamp
- K105 Reserve fuel warning lamp
- T10e 10-pin connector, green, coupling station under relay carrier, left
- T10f 10-pin connector, purple, coupling station under relay carrier, left
- T10g 10-pin connector, red, coupling station under relay carrier, left
- T32 32-pin connector, blue, on dash panel insert
- T32a 32-pin connector, green, on dash panel insert
- Y4 Odometer display

- 179 Earth connection, in left headlight wiring harness
- 608 Earth point, in centre of plenum chamber
- * Output for signal earth

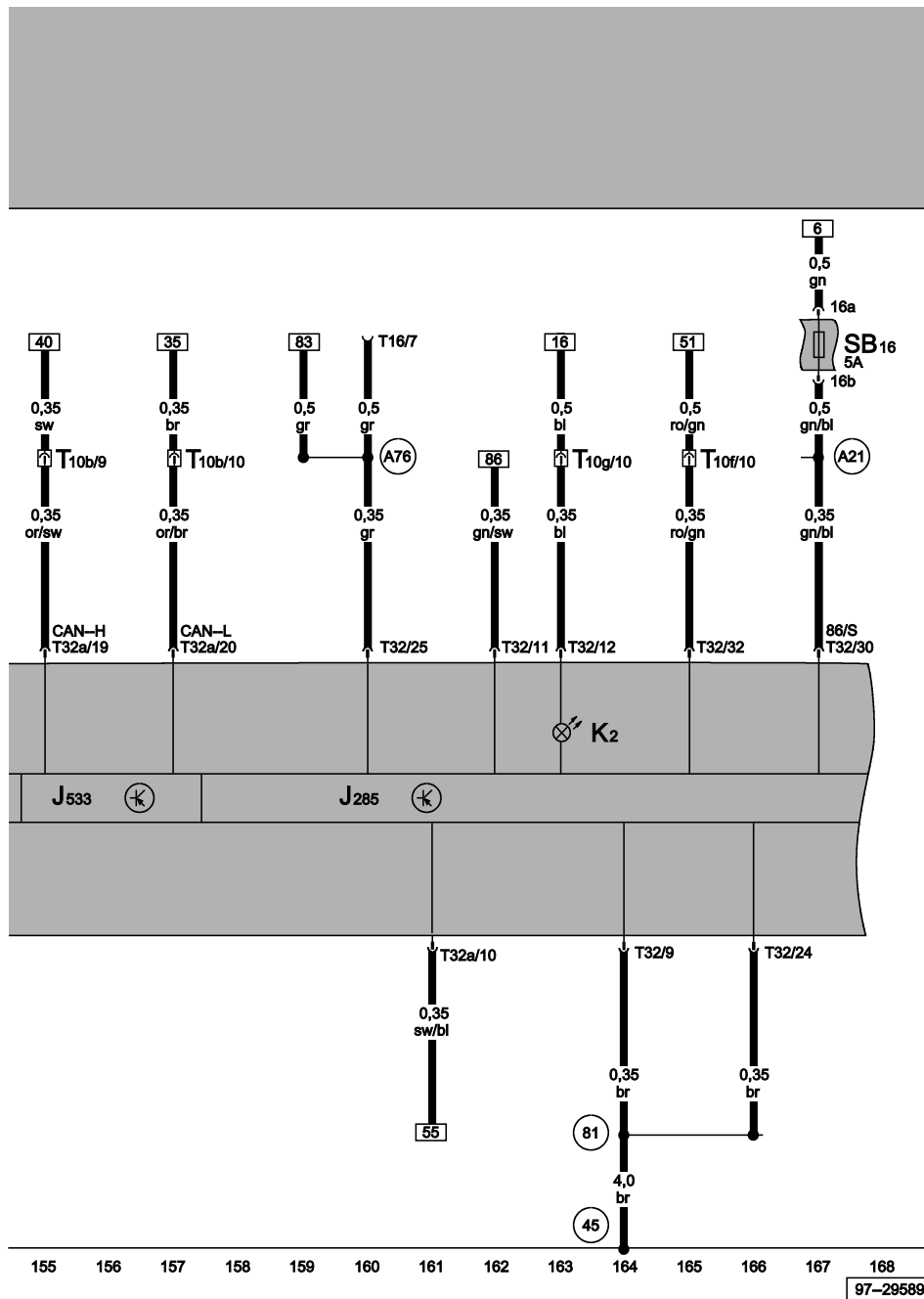


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- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange
- rs = pink

Control unit with display in dash panel insert, diagnostic connector, alternator warning lamp, data bus diagnostic interface

- J285 Control unit with display in dash panel insert
- J533 Data bus diagnostic interface
- K2 Alternator warning lamp
- SB16 Fuse -16- on fuse box
- T10b 10-pin connector, white, coupling station under relay carrier, left
- T10f 10-pin connector, purple, coupling station under relay carrier, left
- T10g 10-pin connector, red, coupling station under relay carrier, left
- T16 16-pin connector, diagnostic connector
- T32 32-pin connector, blue, on dash panel insert
- T32a 32-pin connector, green, on dash panel insert

- 45 Earth point, behind dash panel - centre
- 81 Earth connection -1-, in dash panel wiring harness
- A21 Connection (86s), in dash panel wiring harness
- A76 Connection (diagnosis wire K), in dash panel wiring harness



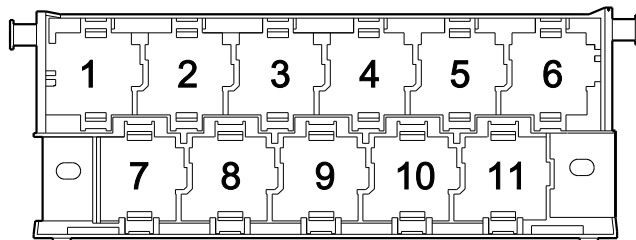
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1.4 l/44 kW Motronic, engine codes AUD

From May 2001

For alternatives to relay and fuse positions as well as multi-pin connector wiring - see "Fitting locations" section.

Relay locations on relay plate:



97-22850

2 - Fuel pump relay (167)

11 - Fuel shut- off control unit (405)



Note:

♦ *The number in brackets behind the part designation denotes the control number on the housing.*

Fuse colours

30 A - green

25 A - white

20 A - yellow

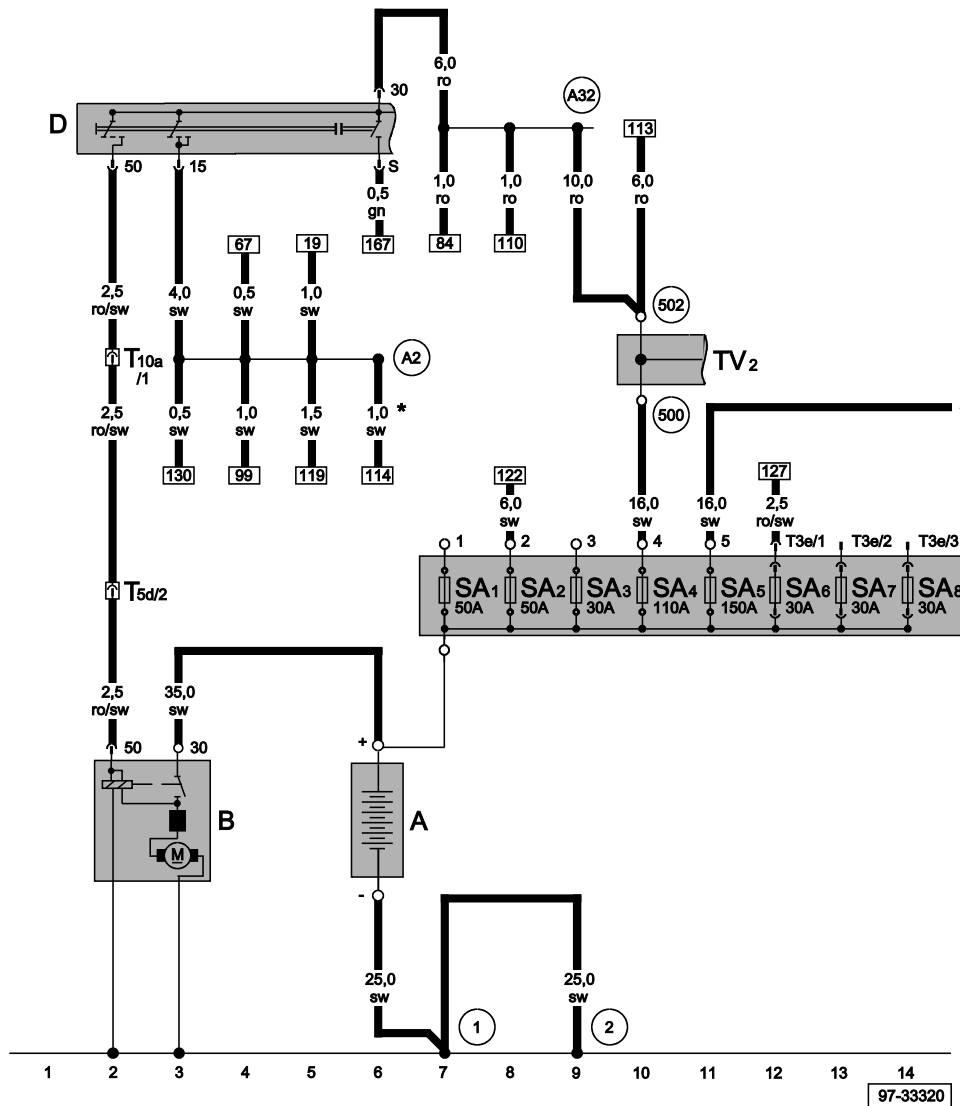
15 A - blue

10 A - red

7.5 A - brown

5 A - beige

3 A - purple



Starter, battery, ignition/starter switch, fuse box / battery

- A Battery
- B Starter
- D Ignition/starter switch
- SA1 Fuse -1- on battery fuse box
- SA2 Fuse -2- on battery fuse box
- SA3 Fuse -3- on battery fuse box
- SA4 Fuse -4- on battery fuse box
- SA5 Fuse -5- on battery fuse box
- SA6 Fuse -6- on battery fuse box
- SA7 Fuse -7- on battery fuse box
- SA8 Fuse -8- on battery fuse box
- T3e 3-pin connector, on battery fuse box
- T5d 5-pin connector, in engine compartment, near gearbox
- T10a 10-pin connector, black, coupling station under relay carrier, left
- TV2 Terminal 30 wiring junction

- 1 Earth strap, battery - body
- 2 Earth strap, gearbox - body
- 500 Screw connection -1- (30), on relay plate
- 502 Screw connection -1- (30a), on relay plate
- A2 Positive (+) connection (15), in dash panel wiring harness
- A32 Positive (+) connection (30), in dash panel wiring harness
- * Only models with airbags

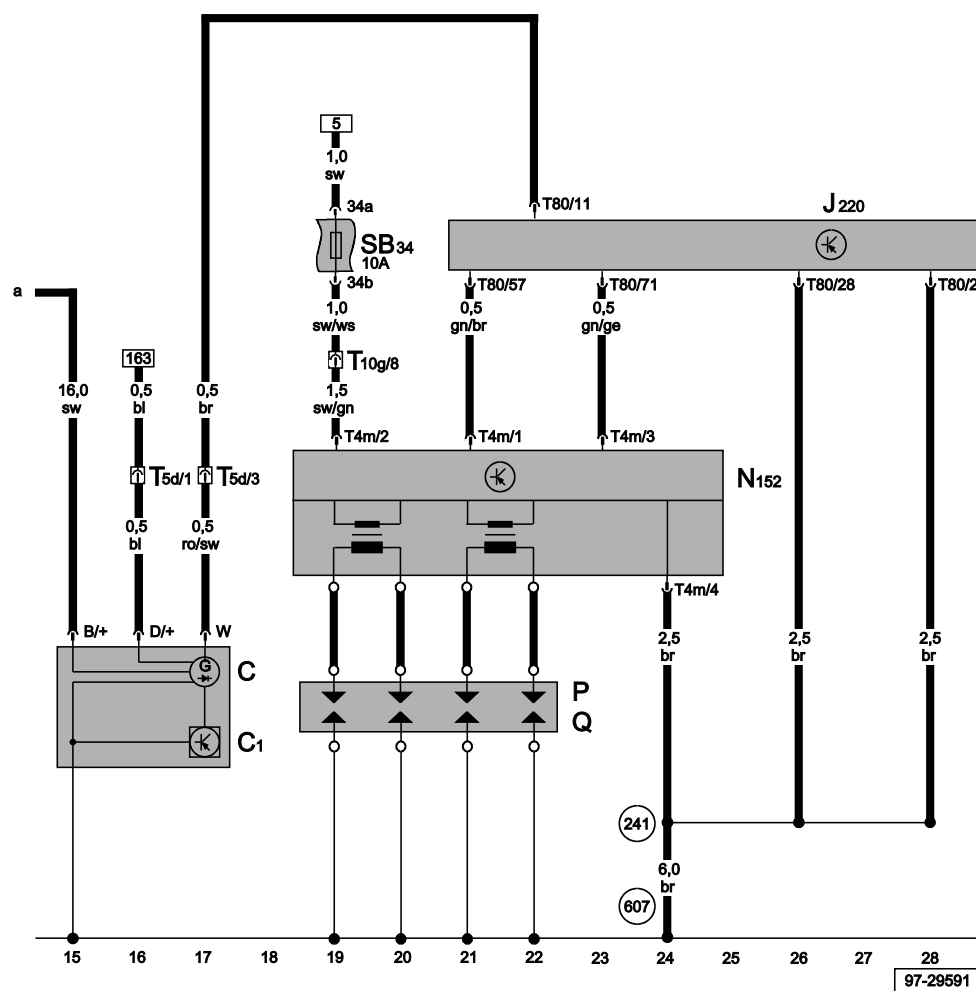
- ws = white
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Motronic control unit, alternator, ignition transformer

- C Alternator
- C1 Voltage regulator
- J220 Motronic control unit
- N152 Ignition transformer
- P Spark plug connector
- Q Spark plugs
- SB34 Fuse -34- on fuse box
- T4m 4-pin connector, yellow, on ignition transformer
- T5d 5-pin connector, in engine compartment, near gearbox
- T10g 10-pin connector, red, coupling station under relay carrier, left
- T80 80-pin connector

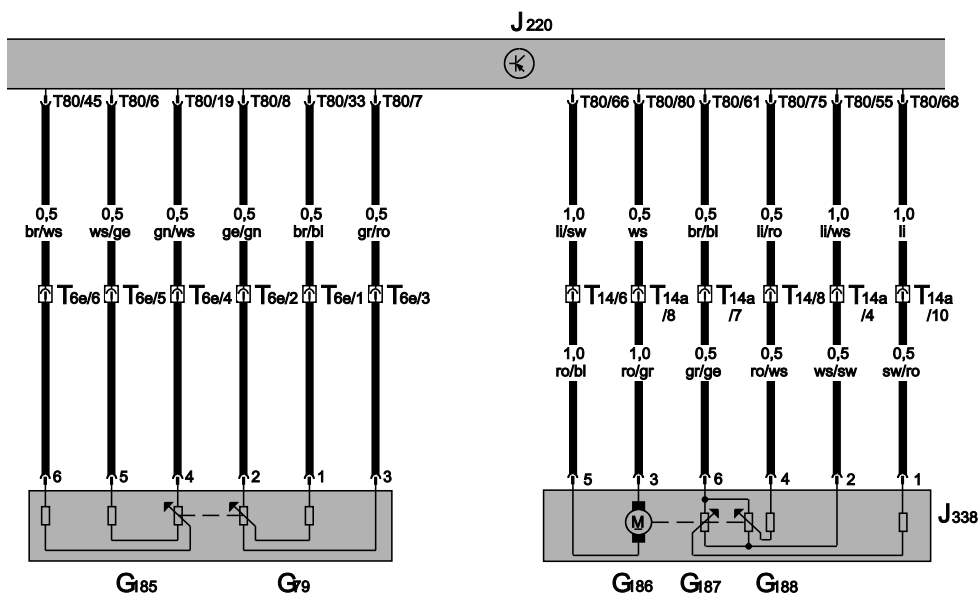
241 Earth connection -2-, engine earth, in engine wiring harness

607 Earth point, on left in plenum chamber



Motronic control unit, accelerator pedal position senders, throttle valve control unit

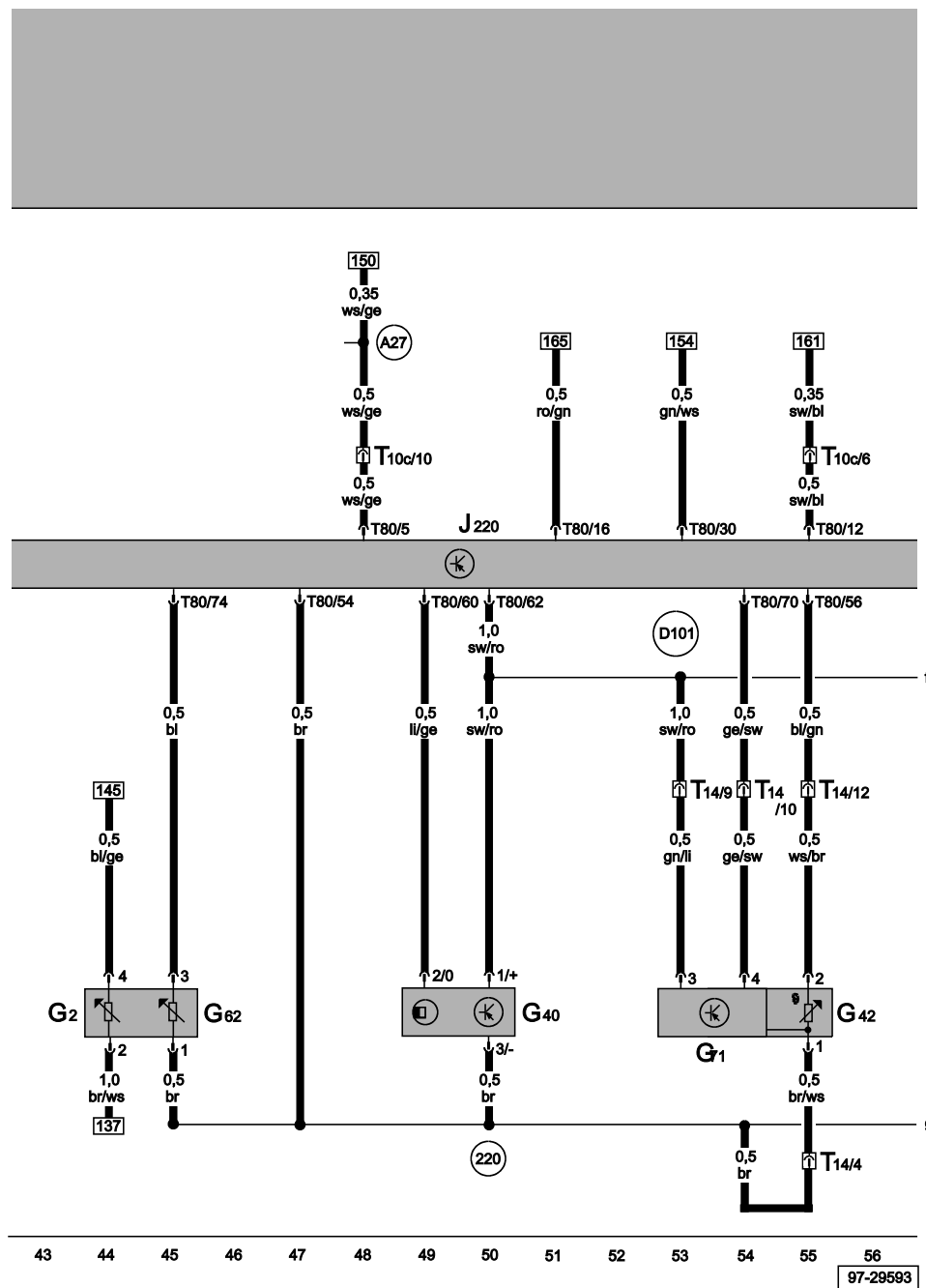
- G79 Accelerator pedal position sender
- G185 Accelerator pedal position sender -2-
- G186 Throttle valve drive (electric throttle operation)
- G187 Throttle valve drive angle sender -1- (electric throttle operation)
- G188 Throttle valve drive angle sender -2- (electric throttle operation)
- J338 Throttle valve control unit
- J220 Motronic control unit
- T6e 6-pin connector, near accelerator pedal position sender
- T14 14-pin connector, in engine compartment
- T14a 14-pin connector, in engine compartment
- T80 80-pin connector



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Motronic control unit, coolant temperature sender, intake air temperature sender, intake manifold pressure sender, Hall sender

- G2 Coolant temperature sender
- G40 Hall sender
- G42 Intake air temperature sender
- G62 Coolant temperature sender
- G71 Intake manifold pressure sender
- J220 Motronic control unit
- T10c 10-pin connector, brown, coupling station under relay carrier, left
- T14 14-pin connector, in engine compartment
- T80 80-pin connector
- 220 Earth connection (sender earth), in engine wiring harness
- A27 Connection (speed signal), in dash panel wiring harness
- D101 Connection -1-, in engine compartment wiring harness



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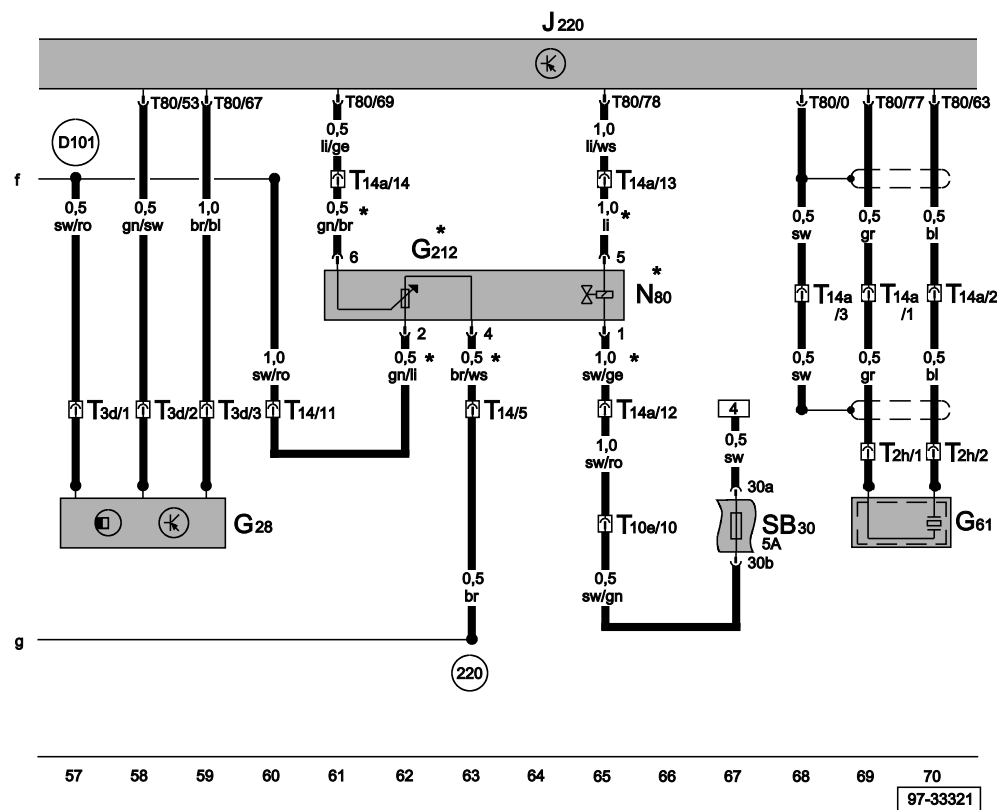
Motronic control unit, engine speed sender, knock sensor I, exhaust gas recirculation frequency valve

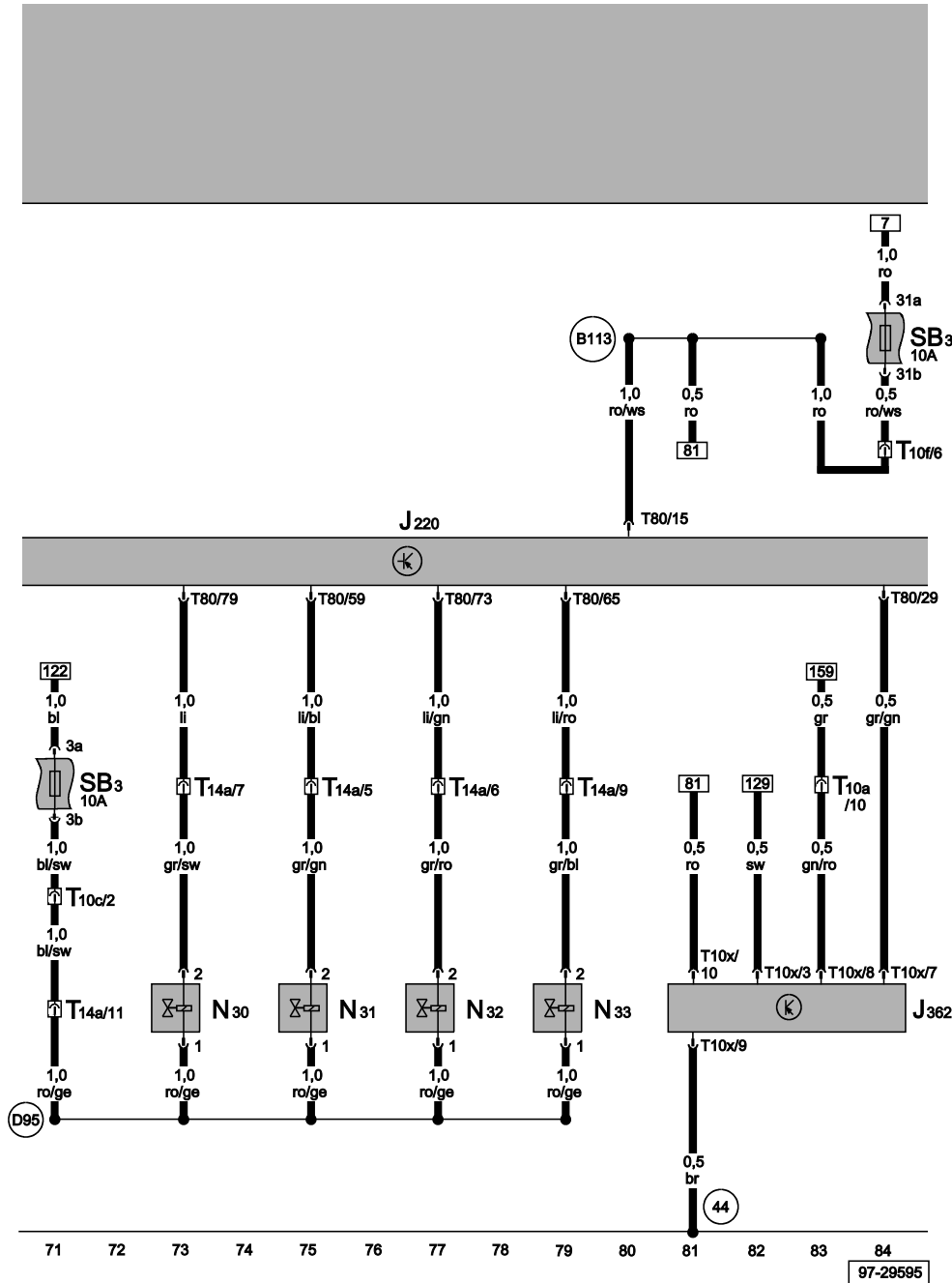
- G28 Engine speed sender
- G61 Knock sensor I
- G212 Exhaust gas recirculation potentiometer
- J220 Motronic control unit
- N80 Exhaust gas recirculation frequency valve
- SB30 Fuse -30- on fuse box
- T2h 2-pin connector, near knock sensor I
- T3d 3-pin connector, near engine speed sender
- T10e 10-pin connector, green, coupling station under relay carrier, left
- T14 14-pin connector, in engine compartment
- T14a 14-pin connector, in engine compartment
- T80 80-pin connector

220 Earth connection (sender earth), in engine wiring harness

D101 Connection -1-, in engine compartment wiring harness

* Discontinued phased-in modification





Motronic control unit, injectors, immobilizer control unit

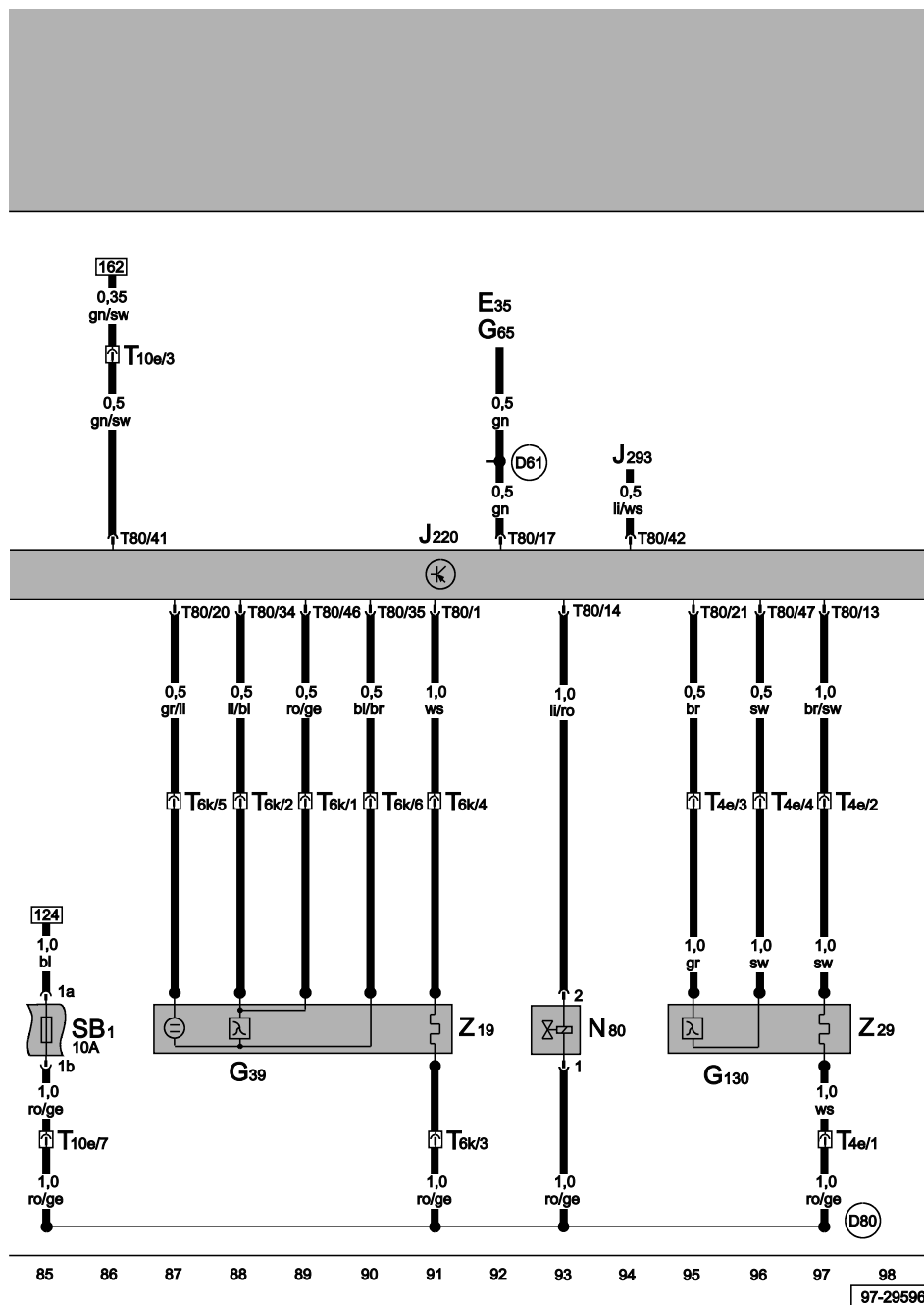
- J362 Immobilizer control unit
- J220 Motronic control unit
- N30 Injector, cylinder 1
- N31 Injector, cylinder 2
- N32 Injector, cylinder 3
- N33 Injector, cylinder 4
- SB3 Fuse -3- on fuse box
- SB31 Fuse -31- on fuse box
- T10a 10-pin connector, black, coupling station under relay carrier, left
- T10c 10-pin connector, brown, coupling station under relay carrier, left
- T10f 10-pin connector, purple, coupling station under relay carrier, left
- T10x 10-pin connector, on immobilizer control unit
- T14a 14-pin connector, in engine compartment
- T80 80-pin connector

- 44 Earth point, lower part of left A-pillar
- B113 Positive (+) connection (30a), in left interior wiring harness
- D95 Connection (injectors), in engine compartment wiring harness

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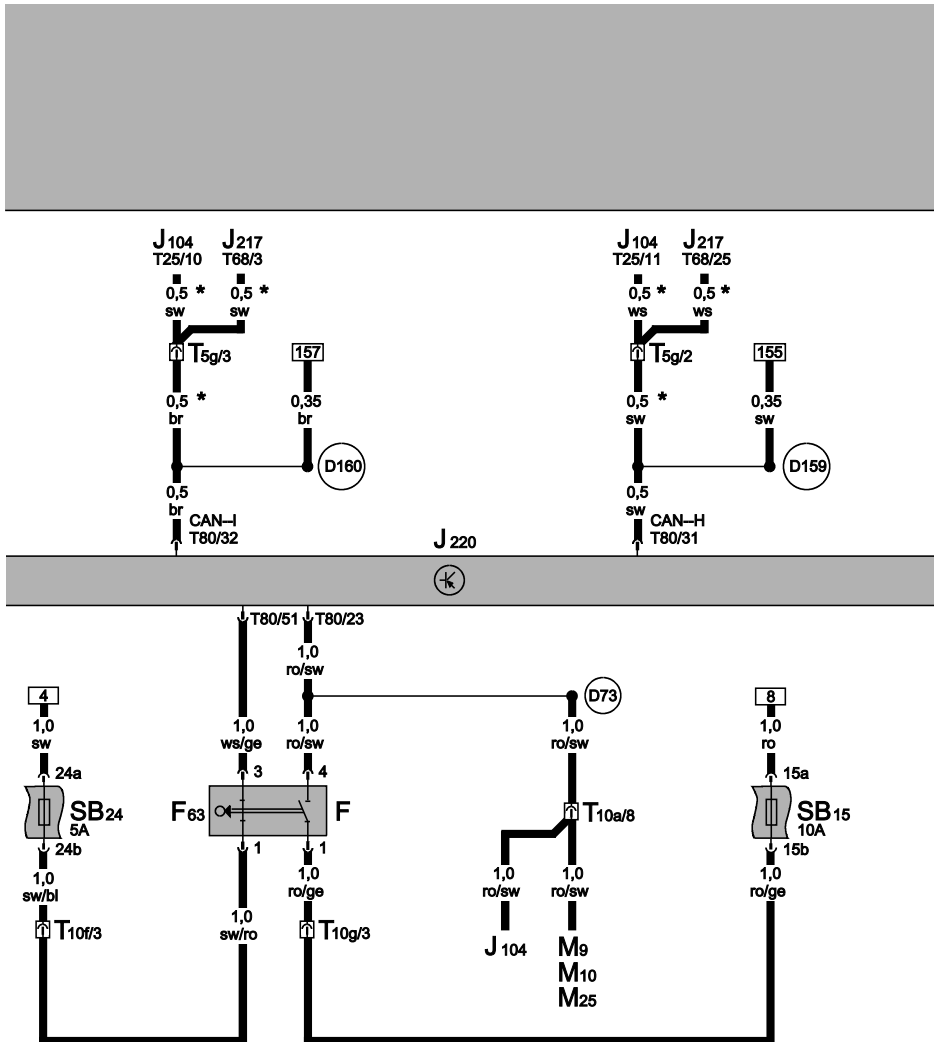
Motronic control unit, lambda probe, lambda probe after catalyst, activated charcoal filter system solenoid valve 1

- E35 Air conditioner switch
- G65 High pressure sender
- G39 Lambda probe
- G130 Lambda probe after catalyst
- J293 Radiator fan control unit
- J220 Motronic control unit
- N80 Activated charcoal filter system solenoid valve 1 (pulsed)
- SB1 Fuse -1- on fuse box
- T4e 4-pin connector, near lambda probe
- T6k 6-pin connector, near lambda probe
- T10e 10-pin connector, green, coupling station under relay carrier, left
- T80 80-pin connector
- Z19 Lambda probe heater
- Z29 Lambda probe 1 heater, after catalyst
- D61 Connection (air conditioner), in engine compartment wiring harness
- D80 Positive (+) connection (87a - for activated charcoal filter system solenoid valve), in engine compartment wiring harness

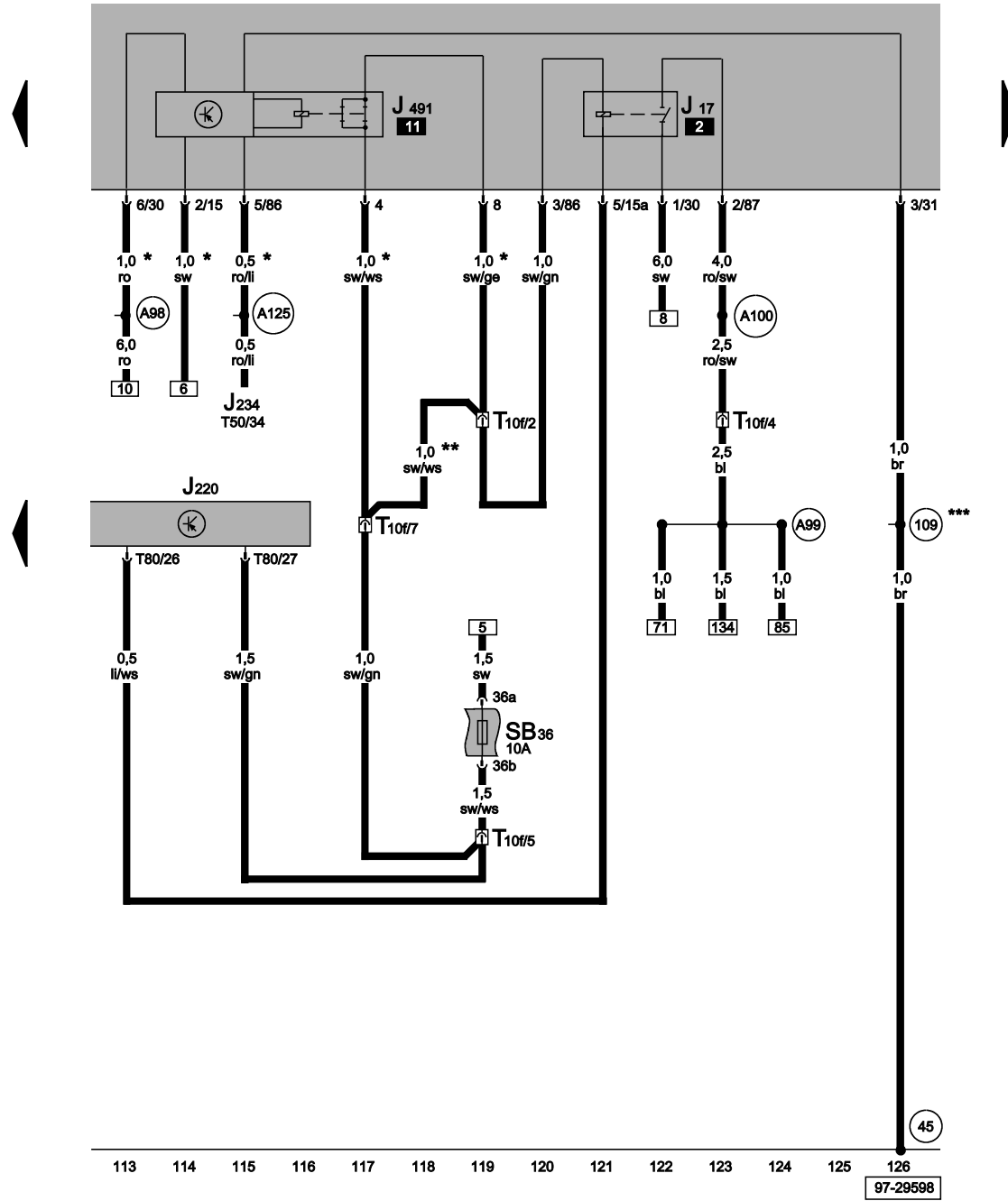


Motronic control unit, brake light switch, brake pedal switch

- F Brake light switch
- F63 Brake pedal switch
- J104 ABS with EDL control unit
- J217 Automatic gearbox control unit
- J220 Motronic control unit
- M9 Brake light bulb, left
- M10 Brake light bulb, right
- M25 High level brake light bulb
- SB15 Fuse -15- on fuse box
- SB24 Fuse -24- on fuse box
- T5g 5-pin connector, pink, coupling station under relay carrier, left
- T10a 10-pin connector, black, coupling station under relay carrier, left
- T10f 10-pin connector, purple, coupling station under relay carrier, left
- T10g 10-pin connector, red, coupling station under relay carrier, left
- T25 25-pin connector
- T68 68-pin connector
- T80 80-pin connector
- (D73) Positive (+) connection (54), in engine compartment wiring harness
- (D159) Positive (+) connection (high bus), in interior wiring harness
- (D160) Positive (+) connection (low bus), in engine compartment wiring harness
- * Depends on equipment



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Motronic control unit, fuel pump relay, fuel shut-off control unit (crash)

- J17 Fuel pump relay
- J234 Airbag control unit
- J491 Fuel shut-off control unit (crash)
- J220 Motronic control unit
- SB36 Fuse -36- on fuse box
- T10f 10-pin connector, purple, coupling station under relay carrier, left
- T50 50-pin connector
- T80 80-pin connector

- 45 Earth point, behind dash panel - centre
- 109 Earth connection, in airbag wiring harness
- A98 Positive (+) connection -4- (30), in dash panel wiring harness
- A99 Connection -1- (87), in dash panel wiring harness
- A100 Connection -2- (87), in dash panel wiring harness
- A125 Connection (crash signal), in dash panel wiring harness

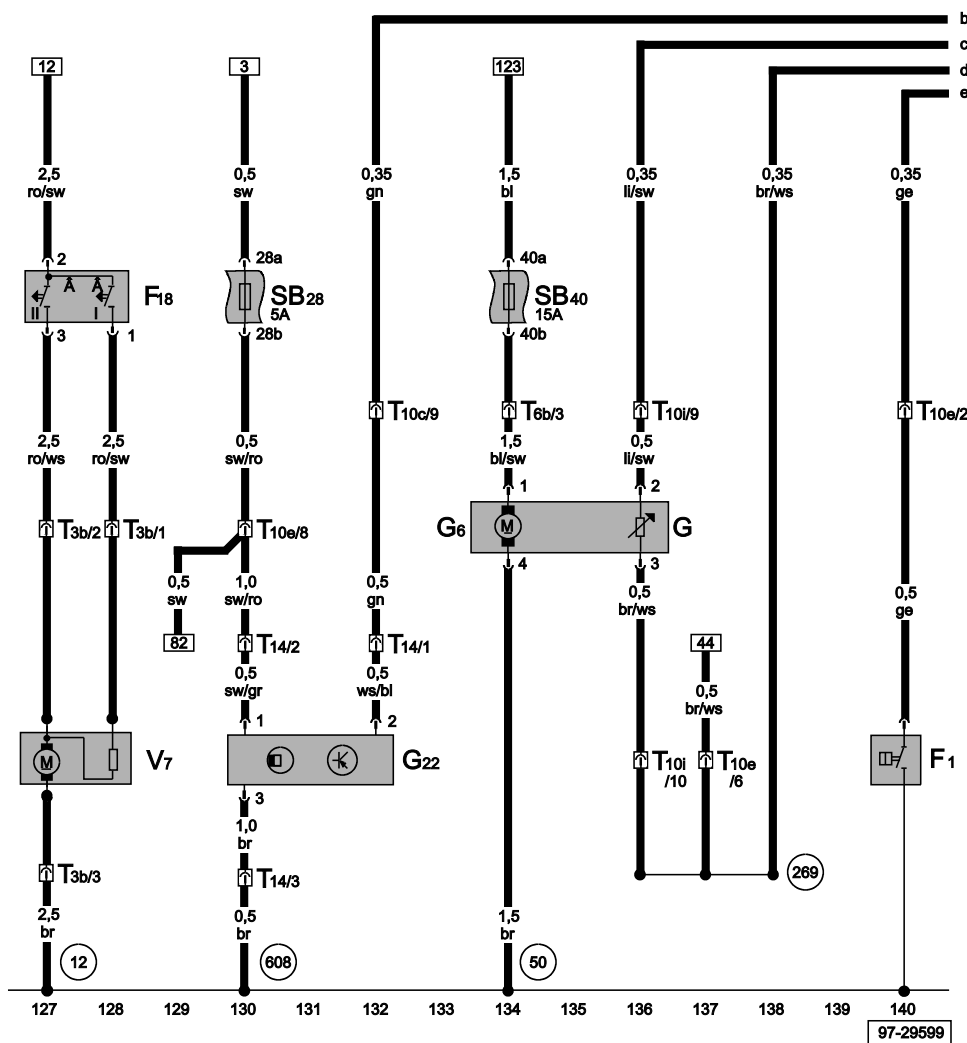
- * Only models with airbags
- ** Only models without airbags
- *** Does not apply to models with driver airbag, without window lifter

Oil pressure switch, fuel pump, speedometer sender, radiator fan, radiator fan thermo-switch, fuel pump, fuel gauge sender

- F1 Oil pressure switch
- F18 Radiator fan thermo-switch
- G Fuel gauge sender
- G6 Fuel pump (pre-supply pump)
- G22 Speedometer sender (Hall sender, on gearbox)
- SB28 Fuse -28- on fuse box
- SB40 Fuse -40- on fuse box
- T3b 3-pin connector, on radiator fan
- T6b 6-pin connector, grey, coupling station under relay carrier, left
- T10c 10-pin connector, brown, coupling station under relay carrier, left
- T10e 10-pin connector, green, coupling station under relay carrier, left
- T10i 10-pin connector, orange, coupling station under relay carrier, left
- T14 14-pin connector, in engine compartment
- V7 Radiator fan

- 12 Earth point, left in engine compartment
- 50 Earth point, on left luggage compartment
- 269 Earth connection (sender earth) -1-, in dash panel wiring harness
- 608 Earth point, in centre of plenum chamber

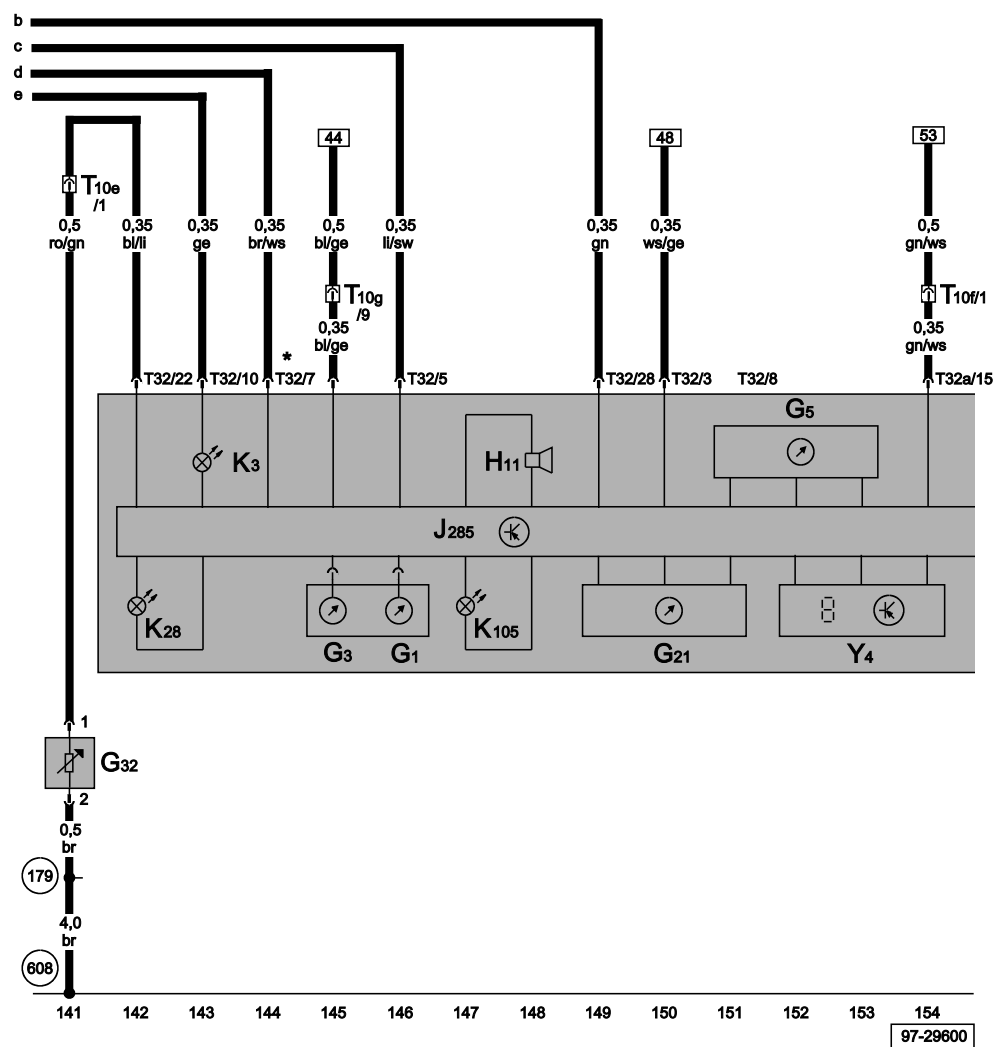
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Control unit with display in dash panel insert, coolant shortage indicator sender, oil pressure warning lamp

- G1 Fuel gauge
- G3 Coolant temperature gauge
- G5 Rev. counter
- G21 Speedometer
- G32 Coolant shortage indicator sender
- H11 Oil pressure warning buzzer
- J285 Control unit with display in dash panel insert
- K3 Oil pressure warning lamp
- K28 Coolant temperature/coolant shortage warning lamp
- K105 Reserve fuel warning lamp
- T10e 10-pin connector, green, coupling station under relay carrier, left
- T10f 10-pin connector, purple, coupling station under relay carrier, left
- T10g 10-pin connector, red, coupling station under relay carrier, left
- T32 32-pin connector, blue, on dash panel insert
- T32a 32-pin connector, green, on dash panel insert
- Y4 Odometer display

- 179 Earth connection, in left headlight wiring harness
- 608 Earth point, in centre of plenum chamber
- * Output for signal earth

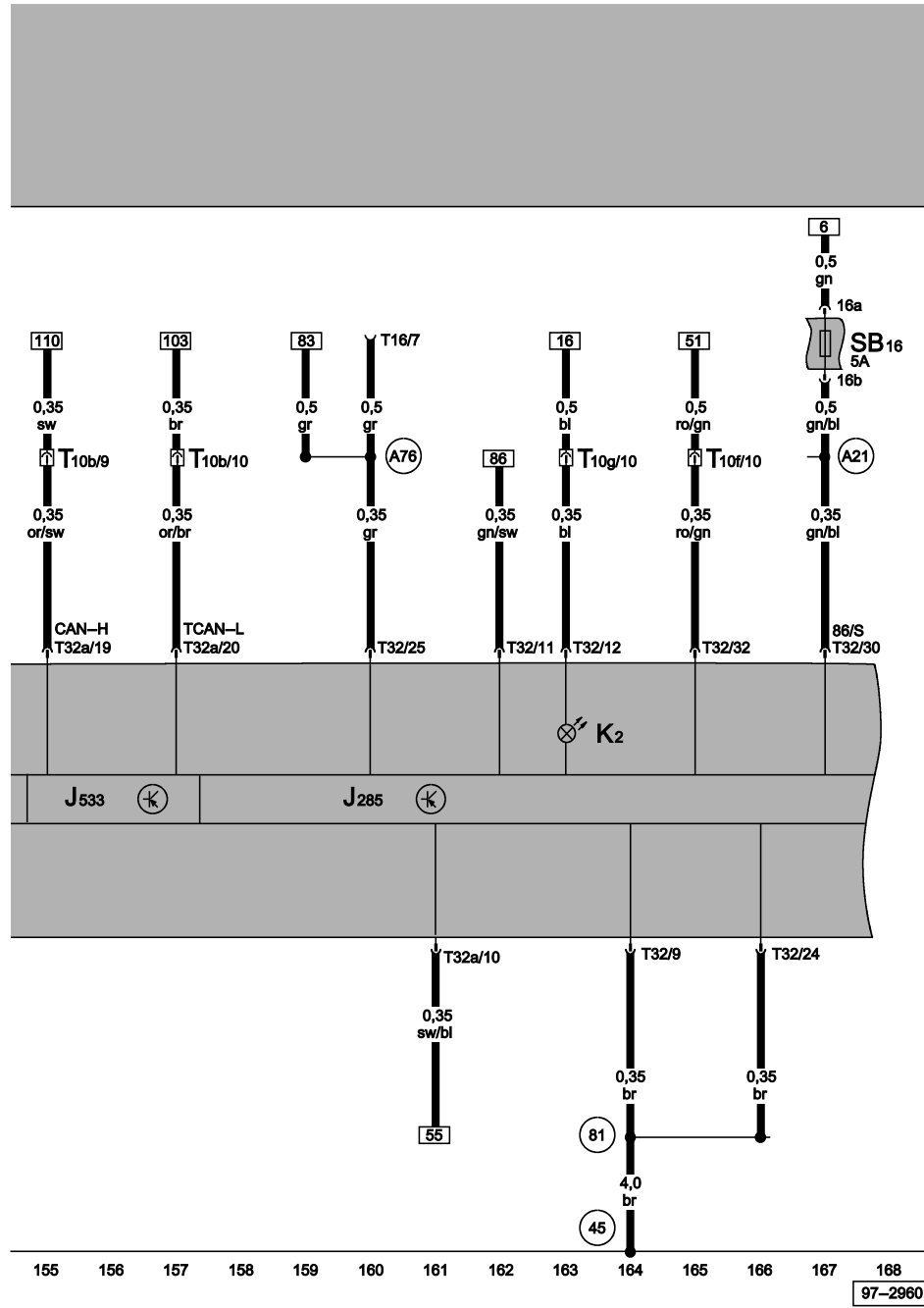


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Control unit with display in dash panel insert, diagnostic connector, alternator warning lamp, data bus diagnostic interface

- J285 Control unit with display in dash panel insert
- J533 Data bus diagnostic interface
- K2 Alternator warning lamp
- SB16 Fuse -16- on fuse box
- T10b 10-pin connector, white, coupling station under relay carrier, left
- T10f 10-pin connector, purple, coupling station under relay carrier, left
- T10g 10-pin connector, red, coupling station under relay carrier, left
- T16 16-pin connector, diagnostic connector
- T32 32-pin connector, blue, on dash panel insert
- T32a 32-pin connector, green, on dash panel insert

- 45 Earth point, behind dash panel - centre
- 81 Earth connection -1-, in dash panel wiring harness
- A21 Connection (86s), in dash panel wiring harness
- A76 Connection (diagnosis wire K), in dash panel wiring harness



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Polo Classic

- ⇒ 1.4L - 62kw from VIN number AAVZZZ6KZTU003305
- ⇒ 1.6L - 74kw from VIN number AAVZZZ6KZTU003047
- ⇒ 1.8L - 82kw from VIN number AAVZZZ6KZVU004697

From 1996

Relay locations

Relay locations and wiring of multi-pin connectors, see also "Fitting Locations" section.

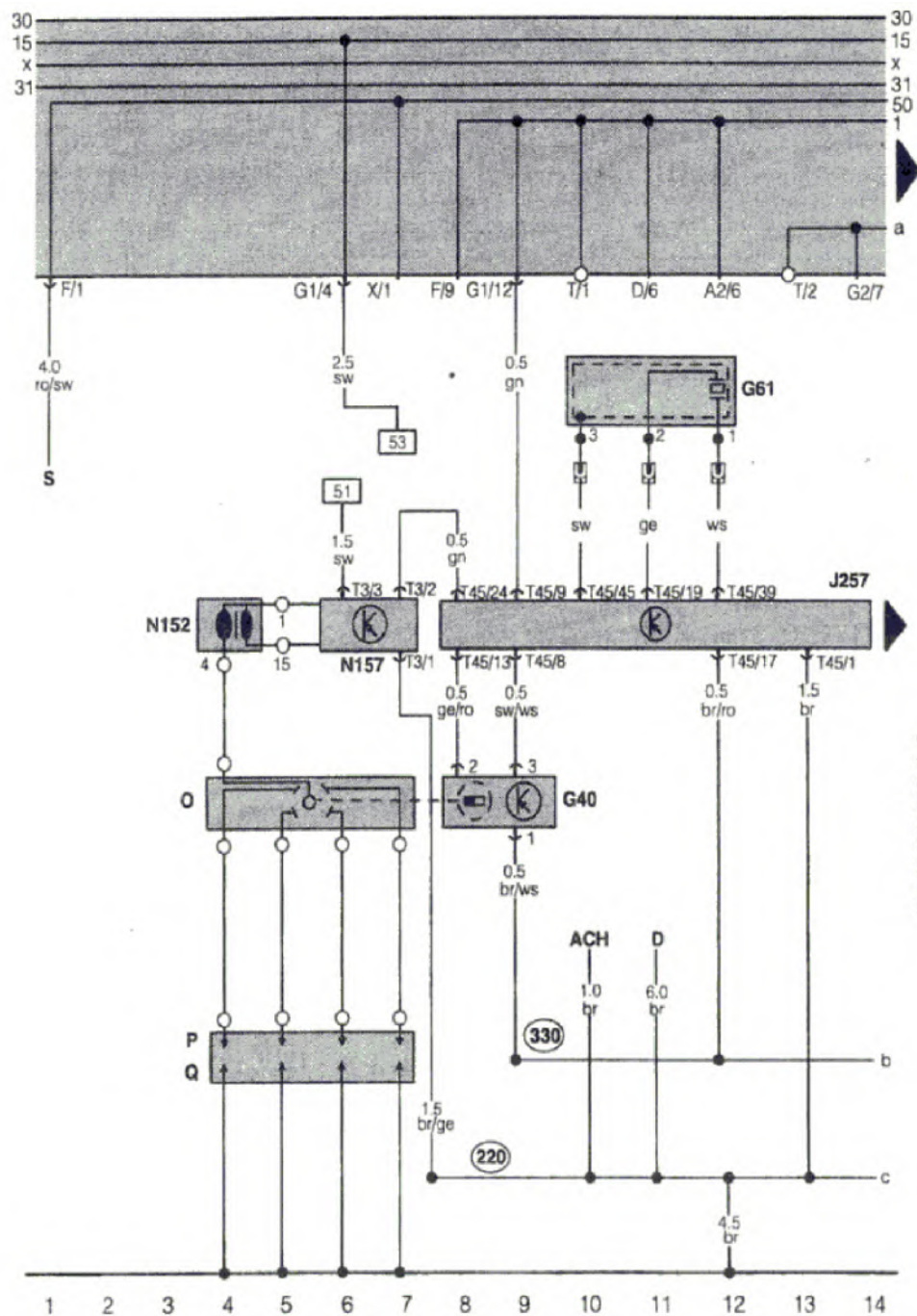
- 1 - Light on buzzer relay (292)
- 2 - Electric window (53)
- 3 - Air conditioner relay (147)
- 4 - Power supply relay for Motronic Control unit (30)
- 5 - X-relief relay (18)
- 6 - Emergency (hazard) light relay (191)
- 7 - Intermittent wash/wipe relay (19)
- 8 - Fuel pump relay (167)

**Note:**

- ◆ *The number in brackets after the part designation refer to the production control number on the housing*

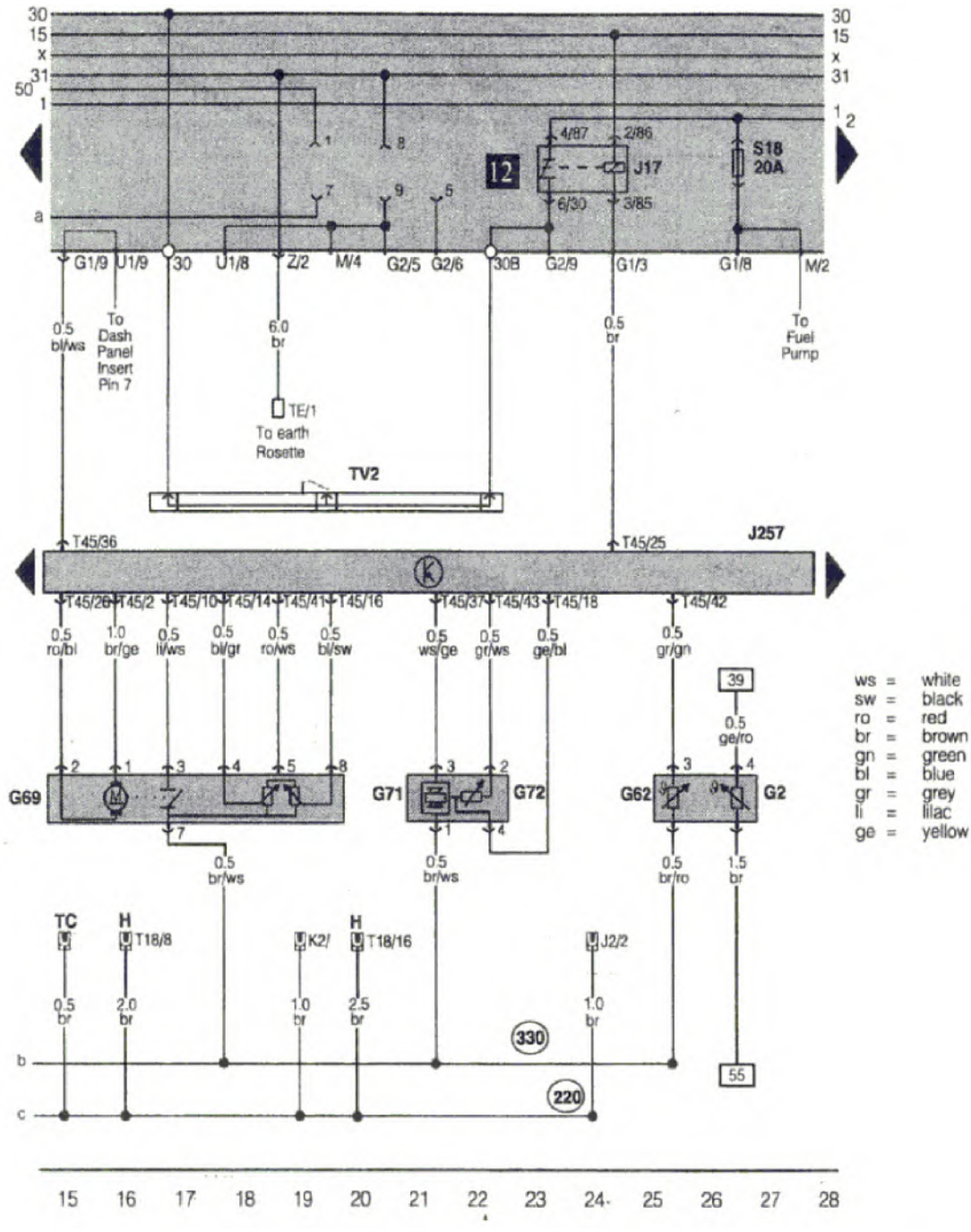
Fuse colours

- 30A - green
- 20A - yellow
- 15A - blue
- 10A - red



Bosch Motronic MP9 Control Unit, ignition system, knock sensor, engine RPM sender

- N152 Ignition transformer
- N157 Ignition transformer output stage
- O Ignition distributor
- P Spark plug connector
- Q Spark plugs
- G40 Hall sender
- J257 Mono-Motronic control unit, in plenum chamber (45-pin connector)
- G61 Knock sensor
- S Starter (50)
- ACH To earth crimp, for Aircon crimp
- D Earth crimp in engine wiring harness
- 220 Earth connection (31) in engine wiring harness
- 330 ECU earth crimp for senders, in the engine wiring harness



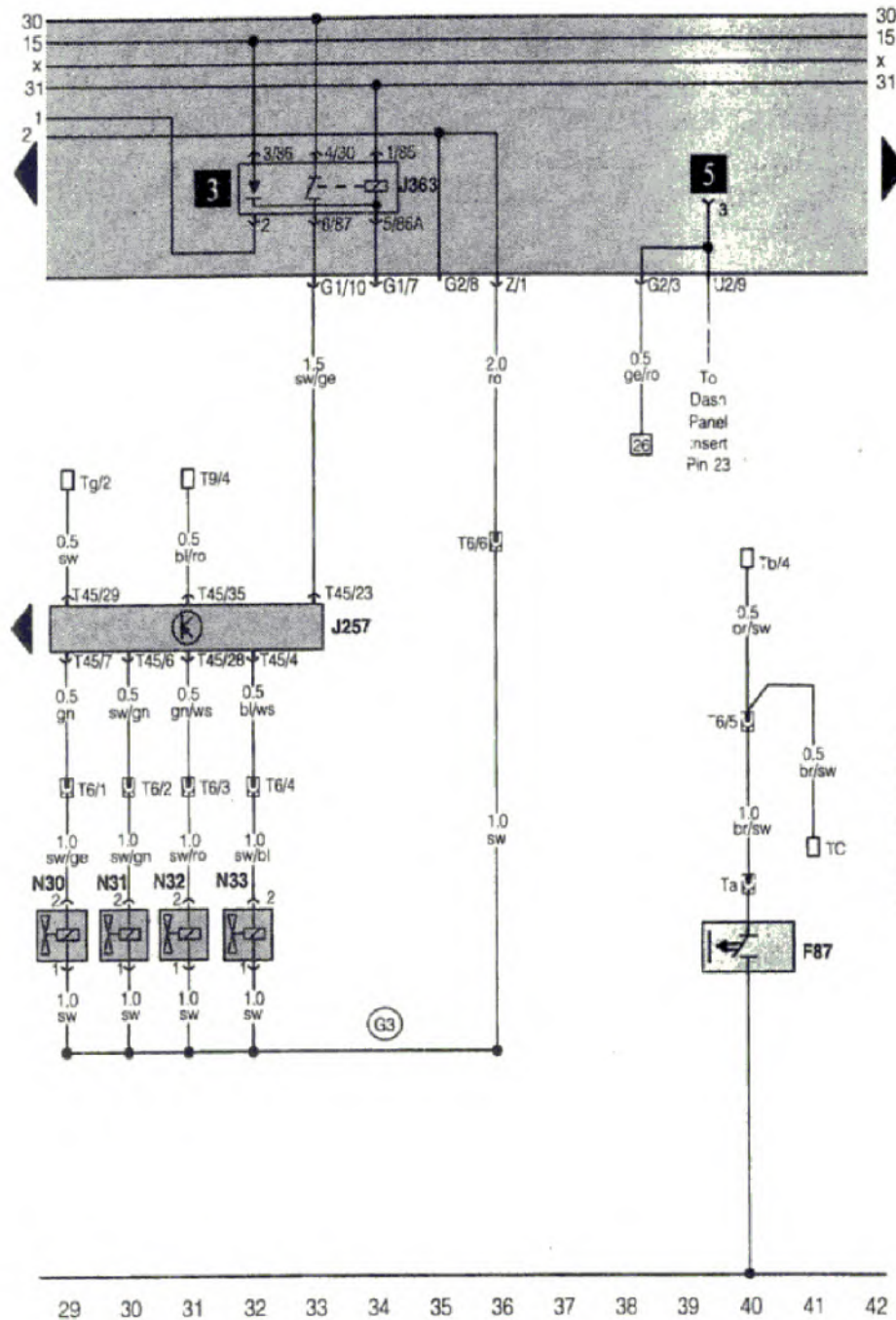
Bosch Motronic MP9 Control Unit, senders for intake manifold and coolant temperature, throttle valve potentiometer

- G69 Throttle valve potentiometer
- G71 Pressure sensor
- G72 Intake manifold temperature sensor
- G62 Coolant temperature sender
- G2 Coolant temperature sender
- J257 Mono-Motronic control unit, in plenum chamber (45-pin connector)
- S18 Fuse - 20 amp
- J17 Fuel pump relay
- TV2 Junction box for terminal 30 above relay plate
- TE/1 Single connector - earth rosette
- H To front harness connector, 18-pin
- T18/ 18-pin connector
- K2/ To 2-pin connector (Right Indicator)
- J2/ To 2-pin connector (Left Indicator)
- TC To 6-pin connector (cooling fan module, non Aircon models only)

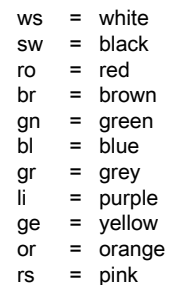
- 220 Earth connection (31) in engine wiring harness
- 330 ECU earth crimp for sensors, in the engine wiring harness

Bosch Motronic MP9 Control Unit, injectors, thermo switch for run-on fan

- J363 Power supply relay for Motronic control unit
- J257 Mono-Motronic control unit, in plenum chamber (45-pin connector)
- G22 Speedo sender
- F87 Thermo switch for run-on fan
- N30 Injector Cyl. 1
- N31 Injector Cyl. 2
- N32 Injector Cyl. 3
- N33 Injector Cyl. 4
- T6/ Connector 6-pin, injector rail
- T9/4 Aircon connector 9-pin
- T8/2 Transponder connection 6-pin
- Ta Single connection in engine compartment
- Tb 10-pin connector (cooling fan module, Aircon models only)
- TC 6-pin connector (cooling fan module, Non Aircon models only)
- G3 Positive (+) connector in cable sleeve injectors



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G22	Speedo sender
F1	Oil pressure switch (0.3 bar)
F22	Oil pressure switch (1.8 bar)
Tg/	To transponder, 6-pin connector

- 221 Earth connection (engine earth) in engine wiring harness
- 230 Positive (15) crimp in engine wiring harness