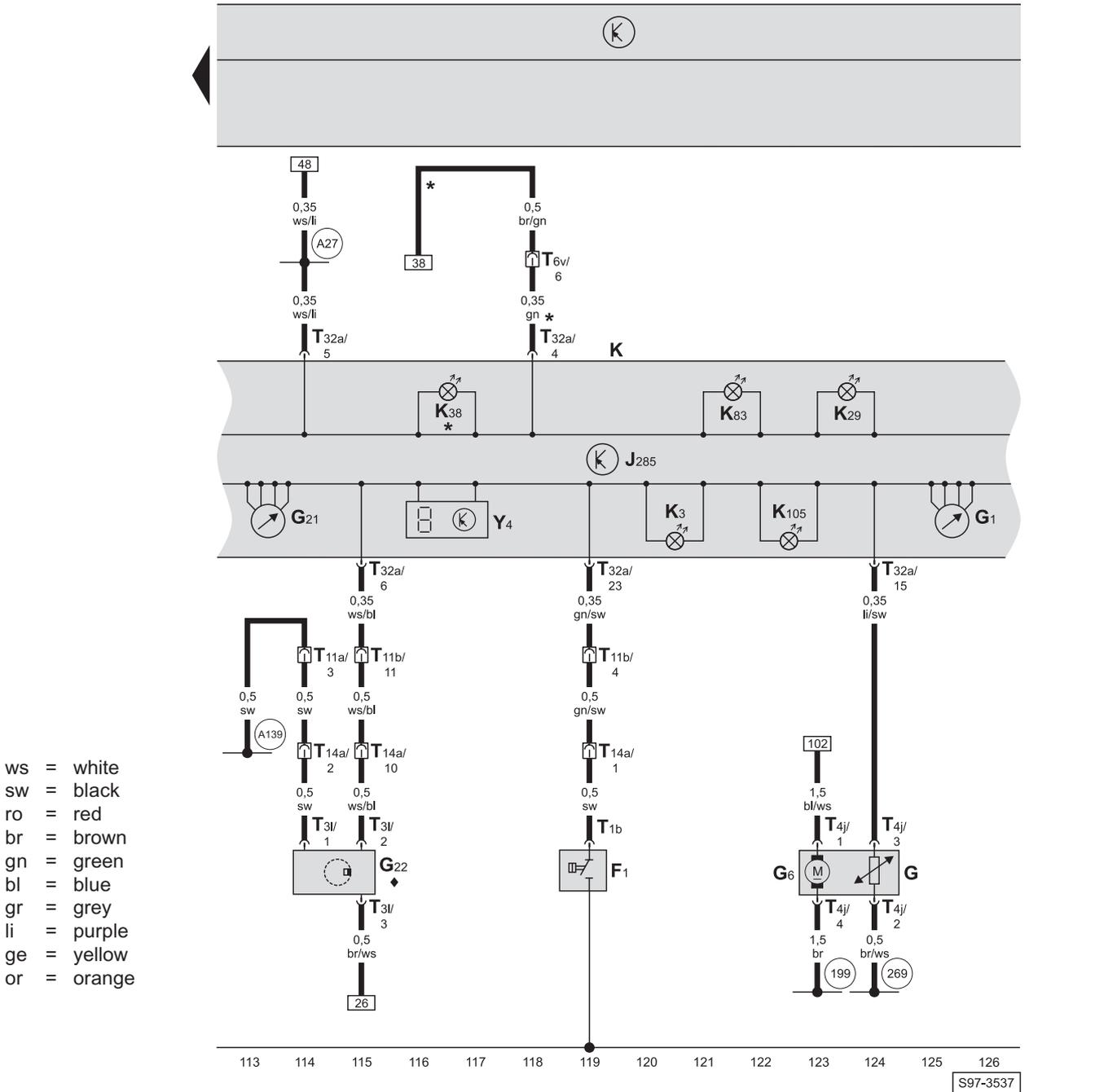


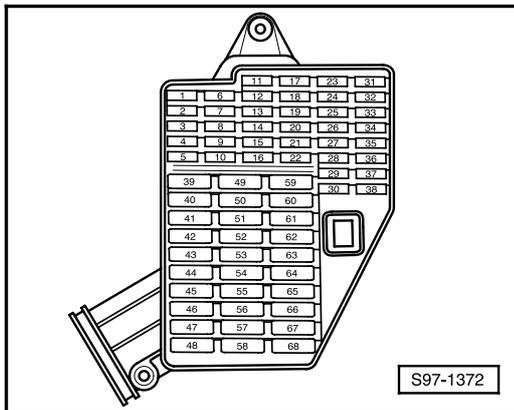
Dash panel insert, control unit in dash panel insert, warning lights, oil pressure switch, fuel gauge sender, fuel pump, speedometer sender, fuel gauge, speedometer, odometer display



- F1 - Oil pressure switch
- G - Fuel gauge sender
- G1 - Fuel gauge
- G6 - Fuel pump
- G21 - Speedometer
- G22 - Speedometer sender
- J285 - Control unit in dash panel insert
- K - Dash panel insert
- K3 - Oil pressure warning lamp
- K29 - Glow period warning lamp
- K38 - Oil level indicator light
- K83 - Exhaust gas warning lamp
- K105 - Reserve fuel warning lamp
- T1b - 1-pin connector, at oil pressure switch
- T3l - 3-pin connector, at speedometer sender
- T4j - 4-pin connector, at fuel pump
- T6v - 6-pin connector, at left of bulkhead (green)
- T11a - 11-pin connector, at left of bulkhead (white)
- T11b - 11-pin connector, at left of bulkhead (red)
- T14a - Connector, 14-pin, in left of engine compartment (connection of the engine pre-assembly wiring loom/engine compartment wiring loom)
- T32a - 32-pin connector, at dash panel insert
- Y4 - Odometer display
- 199 - Earth connection, in wiring harness behind dash panel
- 269 - Earth connection (sender earth) -1-, in wiring harness behind dash panel
- A27 - Connection (vehicle speed signal), in wiring loom behind dash panel
- A139 - Positive connection (15), in wiring loom behind dash panel
- * - applies only to models with extended service interval (ESI)
- ◆ - not valid for vehicles with ABS/ABS with EDL and TCS/ESP

1.9 I - TDI with unit injection/96 kW, engine code ASZ, from June 2003

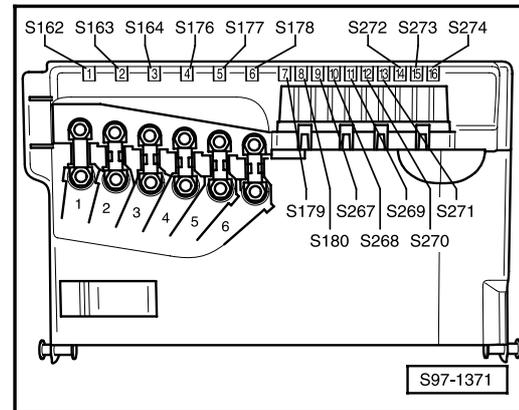
Fuse holder:



Fuse colours

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

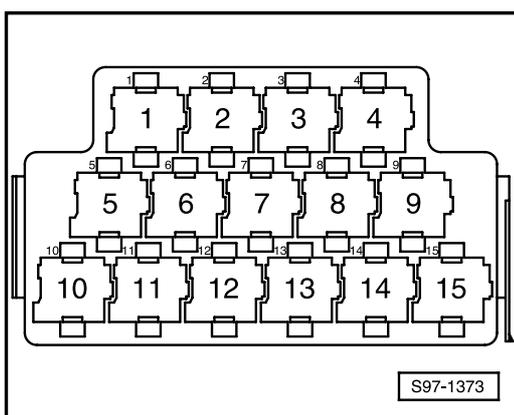
Fuse holder on battery:



Fuse colours

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

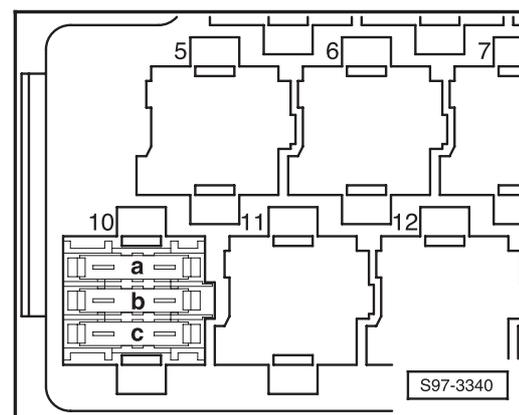
Relay holder:



Relay position assignment:

- 3** - Glow plug relay
- 4** - Fuel pump relay
- 8** - Low heating capacity relay
- 9** - High heating capacity relay
- 15** - Diesel direct injection system relay

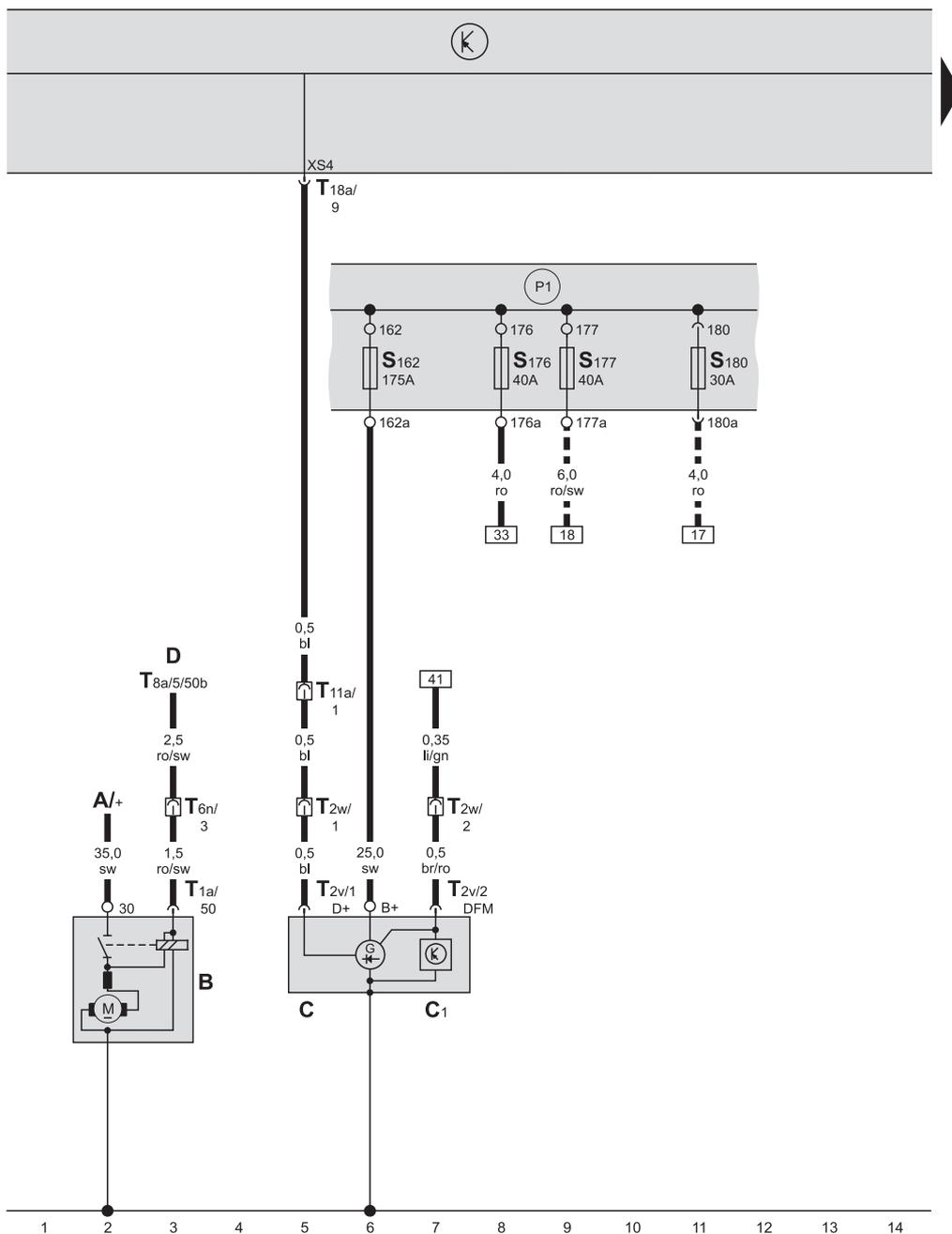
Additional fuse holder:



Fuse position assignment:

- a** - S276 - Fuse -1- for heating element
- b** - S277 - Fuse -2- for heating element
- c** - S278 - Fuse -3- for heating element

Starter, alternator, fuse holder on battery



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

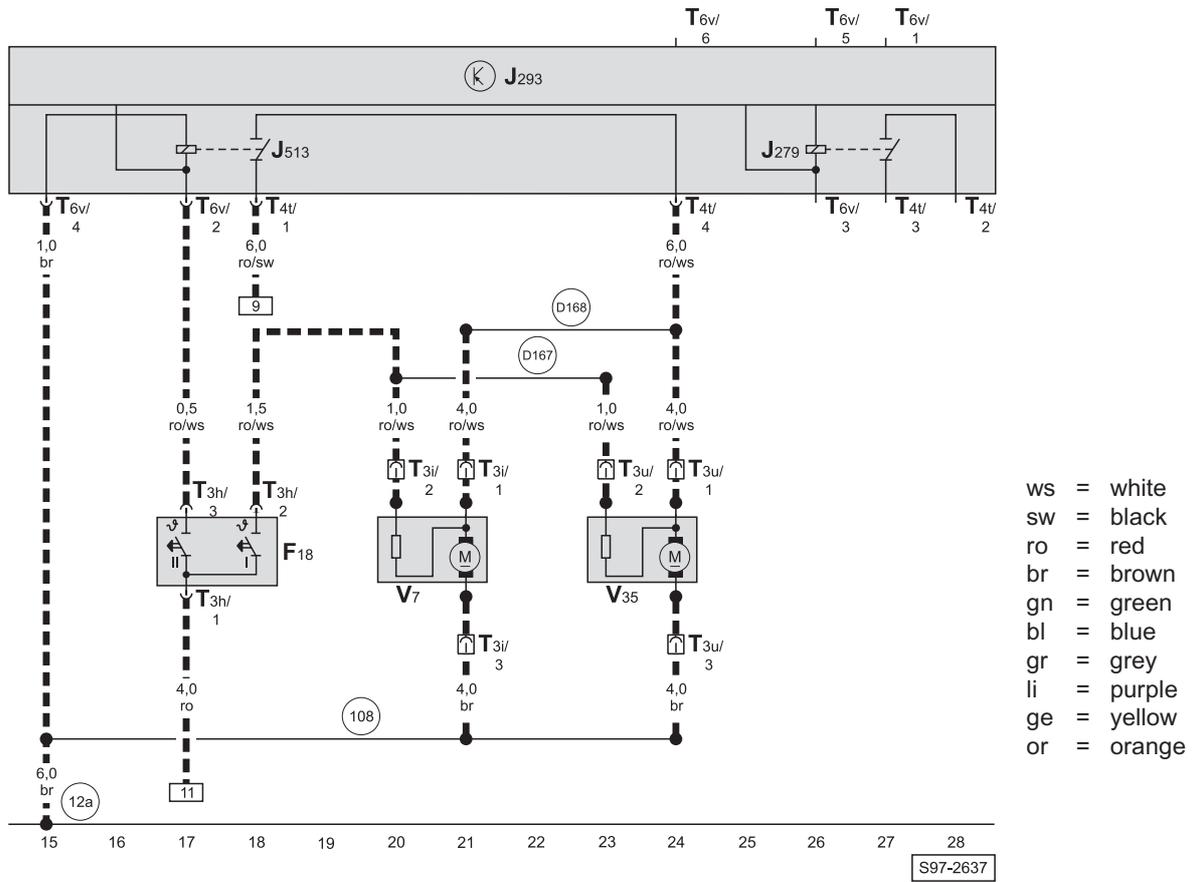
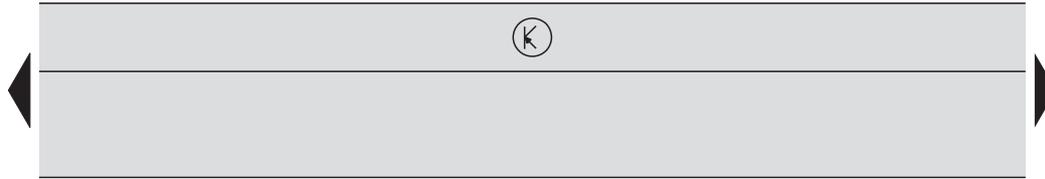
- A - Battery
- B - Starter
- C - Alternator
- C1 - Voltage regulator
- D - Ignition/starter switch
- S162 - Fuse -1- (30), in fuse holder on battery
- S176 - Fuse -4- (30), in fuse holder on battery
- S177 - Fuse -5- (30), in fuse holder on battery
- S180 - Fuse -8- (30), in fuse holder on battery
- T1a - 1-pin connector, at starter
- T2v - 2-pin connector, at alternator
- T2w - 2-pin connector, in bracket at gearbox
- T6n - 6-pin connector, at left of bulkhead (blue)
- T8a - 8-pin connector, at ignition/starter switch
- T11a - 11-pin connector, at left of bulkhead (white)
- T18a - 18-pin connector, at electrical system control unit (brown)

(P1) - Positive connection (30), in fuse holder on battery

■■■ - Does not apply to models with air conditioning

S97-3436

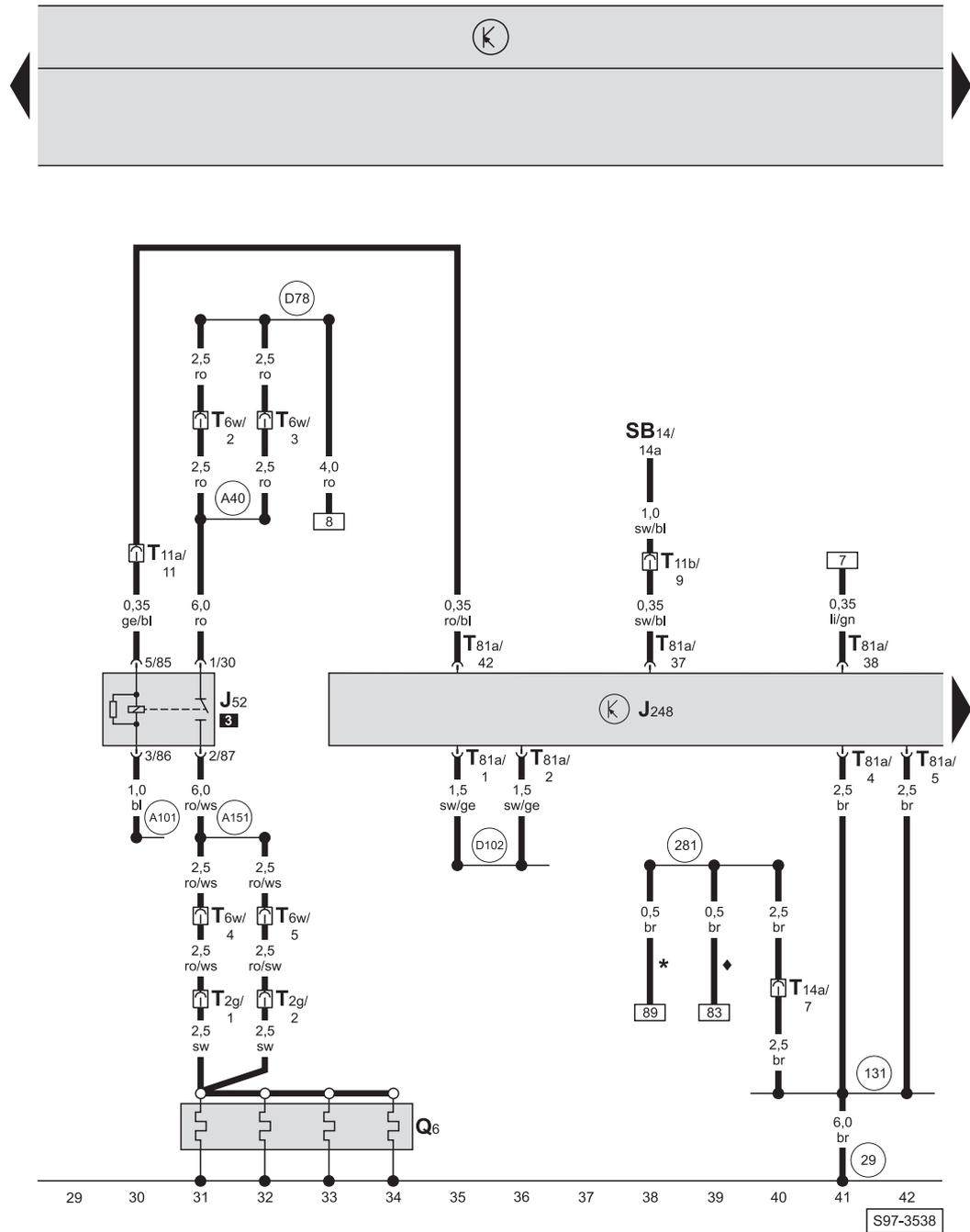
Radiator fan control unit, radiator fan thermostats, radiator fan



- F18 - Radiator fan thermostat
- J279 - Radiator fan relay, stage 1
- J293 - Radiator fan control unit
- J513 - Radiator fan relay, stage 2
- T3h - 3-pin connector, at radiator fan thermostat
- T3i - 3-pin connector, in bracket on left of radiator
- T3u - 3-pin connector, in bracket on left of radiator
- T4t - 4-pin connector, at radiator fan control unit
- T6v - 6-pin connector, at radiator fan control unit
- V7 - Radiator fan
- V35 - Radiator fan, right

- 12a - Earth point -2-, in engine compartment, on left below battery (at side member)
- 108 - Earth connection, in front left wiring harness
- D167 - Connection (fan stage 1), in engine compartment wiring loom
- D168 - Connection (fan stage 2), in engine compartment wiring loom
- - Does not apply to models with air conditioning

Diesel direct injection system control unit, glow plug relay, glow plugs

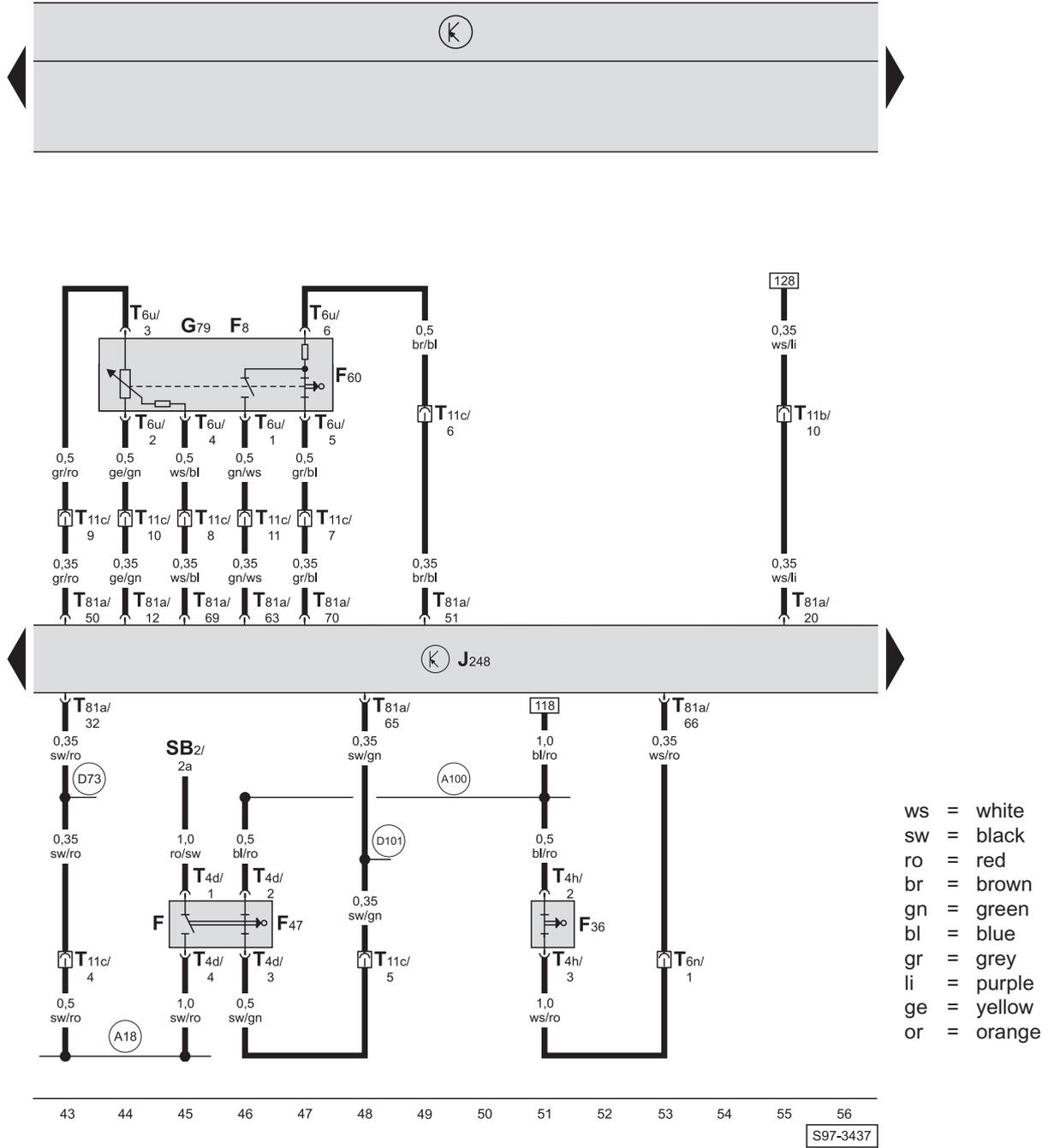


- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange

- J52 - Glow plug relay
- J248 - Diesel direct injection system control unit
- Q6 - Glow plugs
- SB14 - Fuse, in fuse holder
- T2g - 2-pin connector, in left of engine compartment (connection of engine assembly wiring loom/engine compartment wiring loom)
- T6w - 6-pin connector, at left of bulkhead (grey)
- T11a - 11-pin connector, at left of bulkhead (white)
- T11b - 11-pin connector, at left of bulkhead (red)
- T14a - Connector, 14-pin, in left of engine compartment (connection of the engine pre-assembly wiring loom/engine compartment wiring loom)
- T81a - 81-pin connector, at engine control unit

- 29 - Earth point, in left of engine compartment, behind battery (at suspension strut mounting)
- 131 - Earth connection -2-, in engine compartment wiring harness
- 281 - Earth connection -1-, in engine pre-assembly wiring loom
- A40 - Positive connection (30a), in wiring loom behind dash panel
- A101 - Connection (87), in wiring loom behind dash panel
- A151 - Connection (87), in wiring loom behind dash panel
- D78 - Positive connection -1- (30a), in engine compartment wiring loom
- D102 - Connection -2- (87a), in wiring loom in left of engine compartment
- * - applies only to models with extended service interval (ESI)
- ◆ - Applies only to models with optional equipment

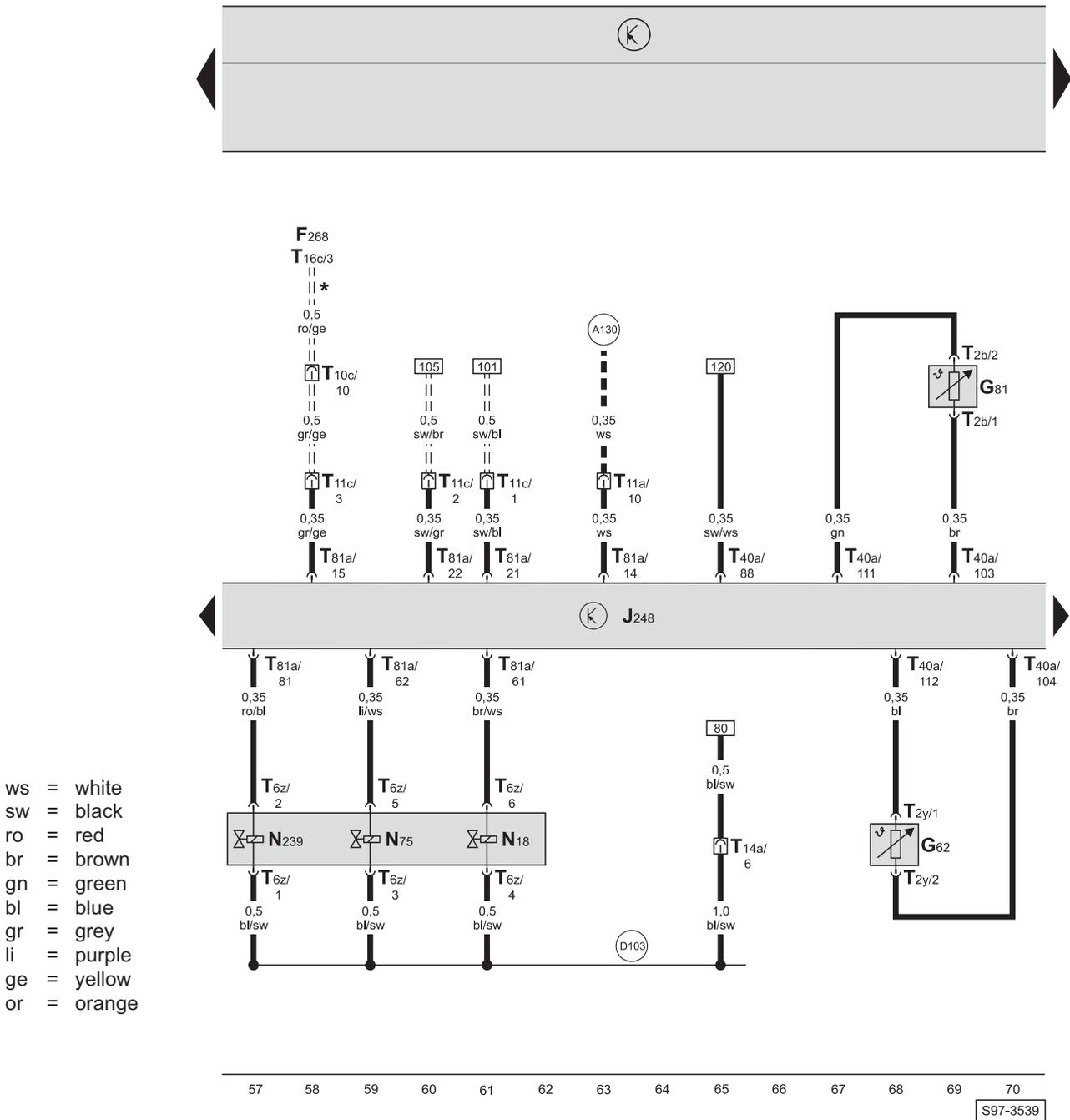
Diesel direct injection system control unit, accelerator pedal position sender, brake pedal switch, clutch pedal switch



- F - Brake light switch
- F8 - Kickdown switch
- F36 - Clutch pedal switch
- F47 - Brake pedal switch
- F60 - Idling speed switch
- G79 - Accelerator position sender
- J248 - Diesel direct injection system control unit
- SB2 - Fuse, in fuse holder
- T4d - 4-pin connector, at brake pedal switch
- T4h - 4-pin connector, at clutch pedal switch
- T6n - 6-pin connector, at left of bulkhead (blue)
- T6u - 6-pin connector, at accelerator pedal position sender
- T11b - 11-pin connector, at left of bulkhead (red)
- T11c - 11-pin connector, at left of bulkhead (blue)
- T81a - 81-pin connector, at engine control unit

- (A18) - Connection (54), in wiring loom behind dash panel
- (A100) - Connection (87a), in wiring loom behind dash panel
- (D73) - Connection (54), in left of engine compartment wiring loom
- (D101) - Connection (brake pedal switch), in engine compartment wiring loom

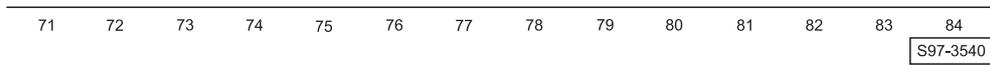
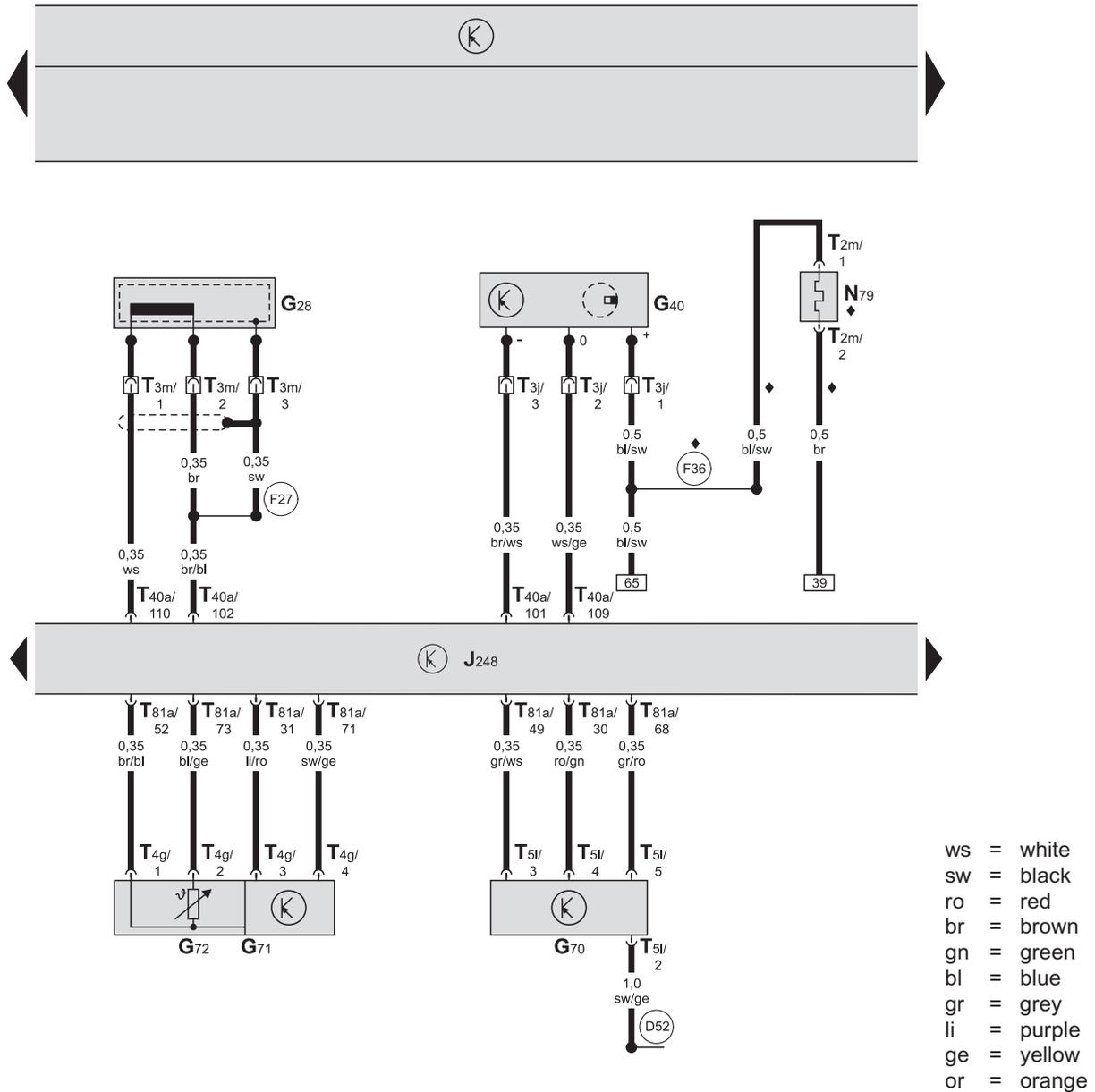
Diesel direct injection system control unit, coolant temperature sender, fuel temperature sender, exhaust gas recirculation valve, charge pressure control solenoid valve, intake manifold flap changeover valve



- F268 - Heater element contact switch (PTC)
- G62 - Coolant temperature sender
- G81 - Fuel temperature sender
- J248 - Diesel direct injection system control unit
- N18 - EGR valve
- N75 - Boost pressure control solenoid valve
- N239 - Intake manifold flap changeover valve
- T2b - Plug connection, 2-pin, at fuel temperature sender
- T2y - 2-pin connector, at coolant temperature sender
- T6z - Connector, 6-pin, at valve block
- T10c - 10-pin connector, behind dash panel on right
- T11a - 11-pin connector, at left of bulkhead (white)
- T11c - 11-pin connector, at left of bulkhead (blue)
- T14a - Connector, 14-pin, in left of engine compartment (connection of the engine pre-assembly wiring loom/ engine compartment wiring loom)
- T16c - 16-pin connector, at fresh air controls
- T40a - 40-pin connector, at engine control unit

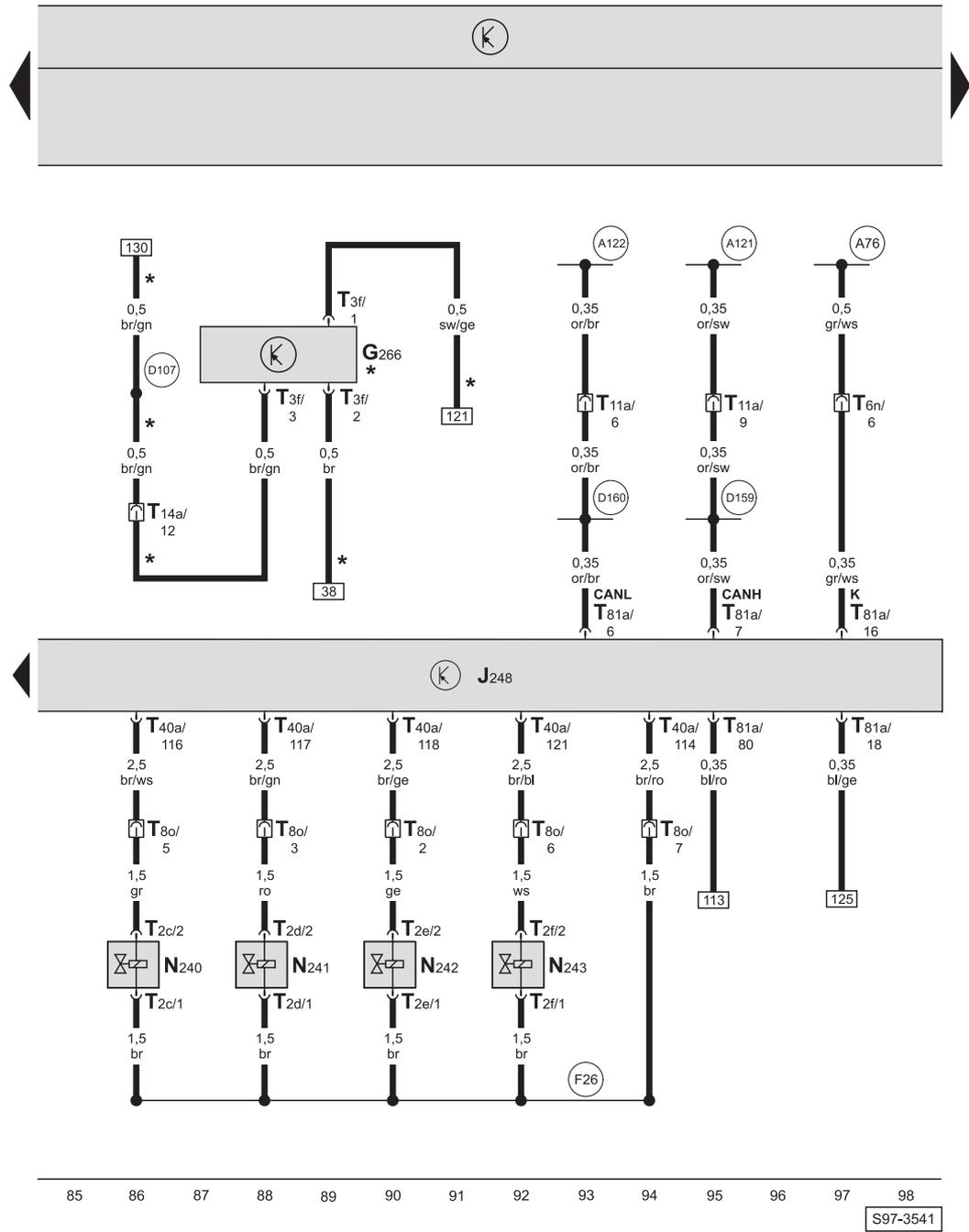
- T81a - 81-pin connector, at engine control unit
- A130 - Connection (CCS), in wiring loom behind dash panel on left
- D103 - Connection -3- (87a), in engine compartment wiring loom
- * - does not apply to models with air conditioning
- - Applies only to models with CCS
- === - Applies only to models with heating element (PTC)

Diesel direct injection system control unit, engine speed sender, camshaft position sender, air mass meter, intake manifold pressure and intake manifold temperature sender



- G28 - Engine speed sender
- G40 - Camshaft position sender
- G70 - Air mass meter
- G71 - Intake manifold pressure sender
- G72 - Intake manifold temperature sender
- N79 - Crankcase breather heater element
- J248 - Diesel direct injection system control unit
- T2m - 2-pin connector, at crankcase breather heater element
- T3j - 3-pin connector, at camshaft position sender
- T3m - 3-pin connector, at engine speed sender
- T4g - 4-pin connector, at intake manifold pressure and intake manifold temperature sender
- T5l - 5-pin connector, at air mass meter
- T40a - 40-pin connector, at engine control unit
- T81a - 81-pin connector, at engine control unit
- (D52) - Positive connection (15a), in engine compartment wiring loom
- (F27) - Connection (screening), in engine pre-wiring wiring harness
- (F36) - Positive connection (87a), in engine assembly wiring loom
- ◆ - Applies only to models with optional equipment

Control unit for Diesel direct injection system, Unit injector valves, Oil level/oil temperature sender



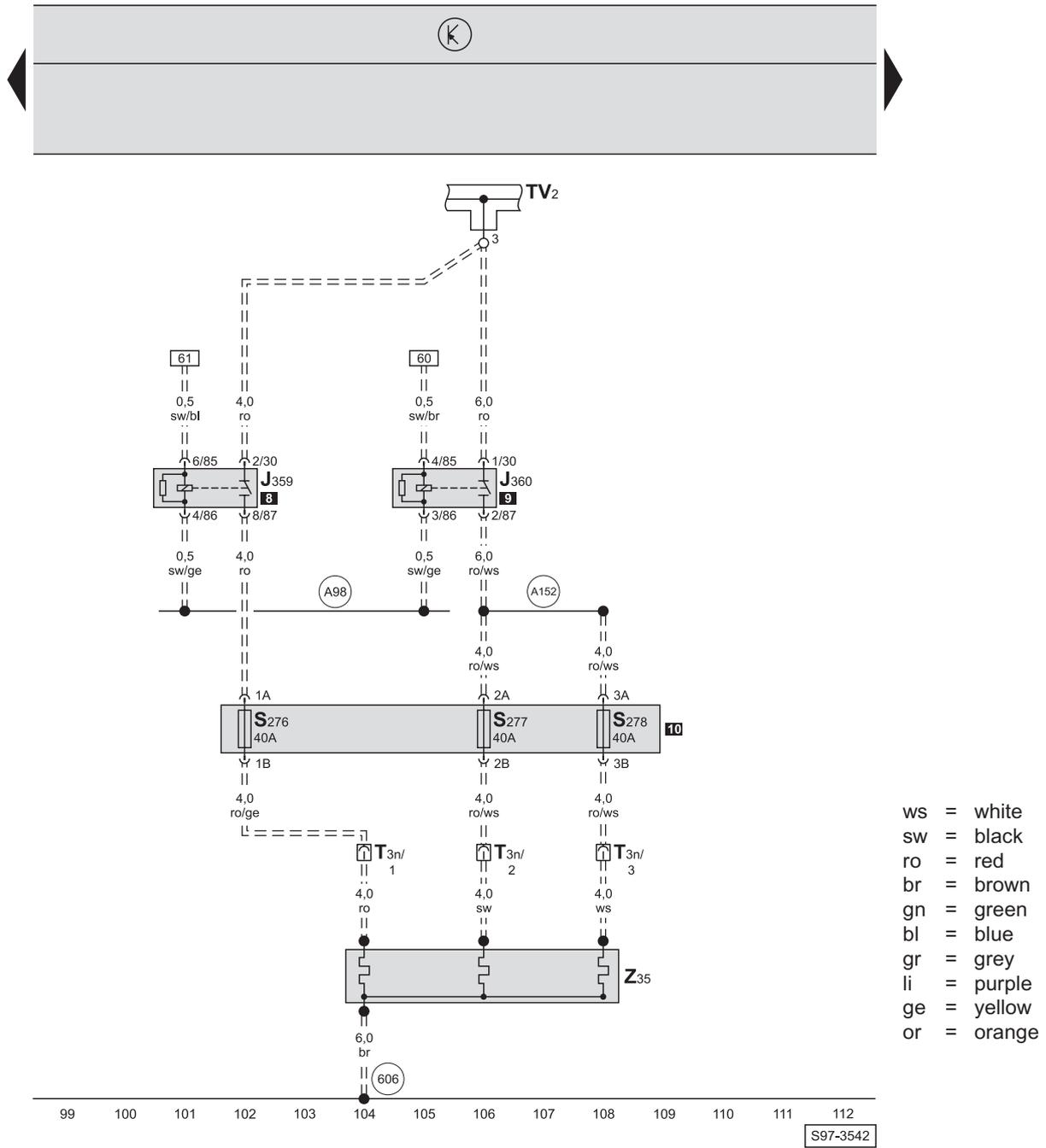
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange

- G266 - Oil level/oil temperature sender
- J248 - Diesel direct injection system control unit
- N240 - Unit injector, cylinder 1
- N241 - Unit injector, cylinder 2
- N242 - Unit injector, cylinder 3
- N243 - Unit injector, cylinder 4
- T2c - 2-pin connector at unit injector valves, No. 1 cyl
- T2d - Plug connection, 2-pin, at unit injector, cylinder 2
- T2e - Plug connection, 2-pin, at unit injector, cylinder 3
- T2f - Plug connection, 2-pin, at unit injector, cylinder 4
- T3f - Connector, 3-pin, at oil level/oil temperature sender
- T6n - 6-pin connector, at left of bulkhead (blue)
- T8o - Plug connection, 8-pin, at cylinder head
- T11a - 11-pin connector, at left of bulkhead (white)
- T14a - Connector, 14-pin, in left of engine compartment (connection of the engine pre-assembly wiring loom/ engine compartment wiring loom)

- T40a - 40-pin connector, at engine control unit
- T81a - 81-pin connector, at engine control unit
- (A76) - Connection (K diagnosis wire), in wiring loom behind dash panel on left
- (A121) - Connection (CAN-H), in wiring loom behind dash panel on
- (A122) - Connection (CAN-L), in wiring loom behind dash panel
- (D107) - Connection -5- (Oil level/oil temperature sender), left in engine compartment wiring harness
- (D159) - Connection (CAN-H), in engine compartment wiring loom
- (D160) - Connection (CAN-L), in engine compartment wiring loom
- (F26) - Connection (earth), in cylinder head wiring loom
- * - applies only to models with extended service interval (ESI)

S97-3541

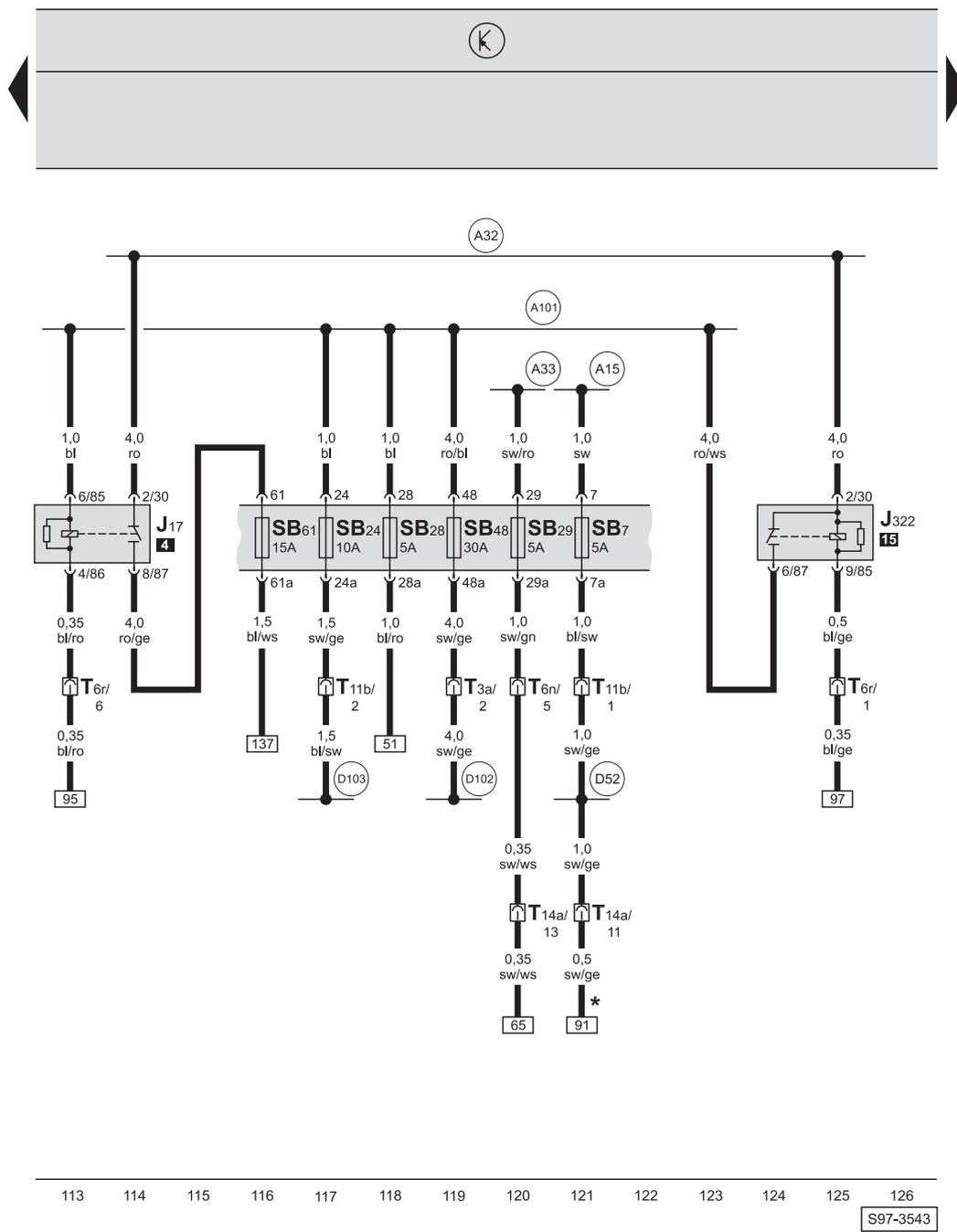
Low heating capacity relay, high heating capacity relay, heating element for additional heater (PTC), additional fuse holder



- J359 - Low heating capacity relay
- J360 - High heating capacity relay
- S276 - Fuse -1- for heater element
- S277 - Fuse -2- for heater element
- S278 - Fuse -3- for heater element
- T3n - 3-pin connector, behind dash panel (at PTC heating element)
- TV2 - Terminal 30 junction, behind dash panel on left
- Z35 - Additional heating heater element (PTC)

- 606 - Earth point, under the centre console, near gear stick
- A98 - Positive connection (30a), in wiring loom behind dash panel (applies only to models with telephone system)
- A152 - Connection (87), in wiring harness behind dash panel
- === - Applies only to models with heating element (PTC)

Fuel pump relay, diesel direct injection system relay, fuse holder

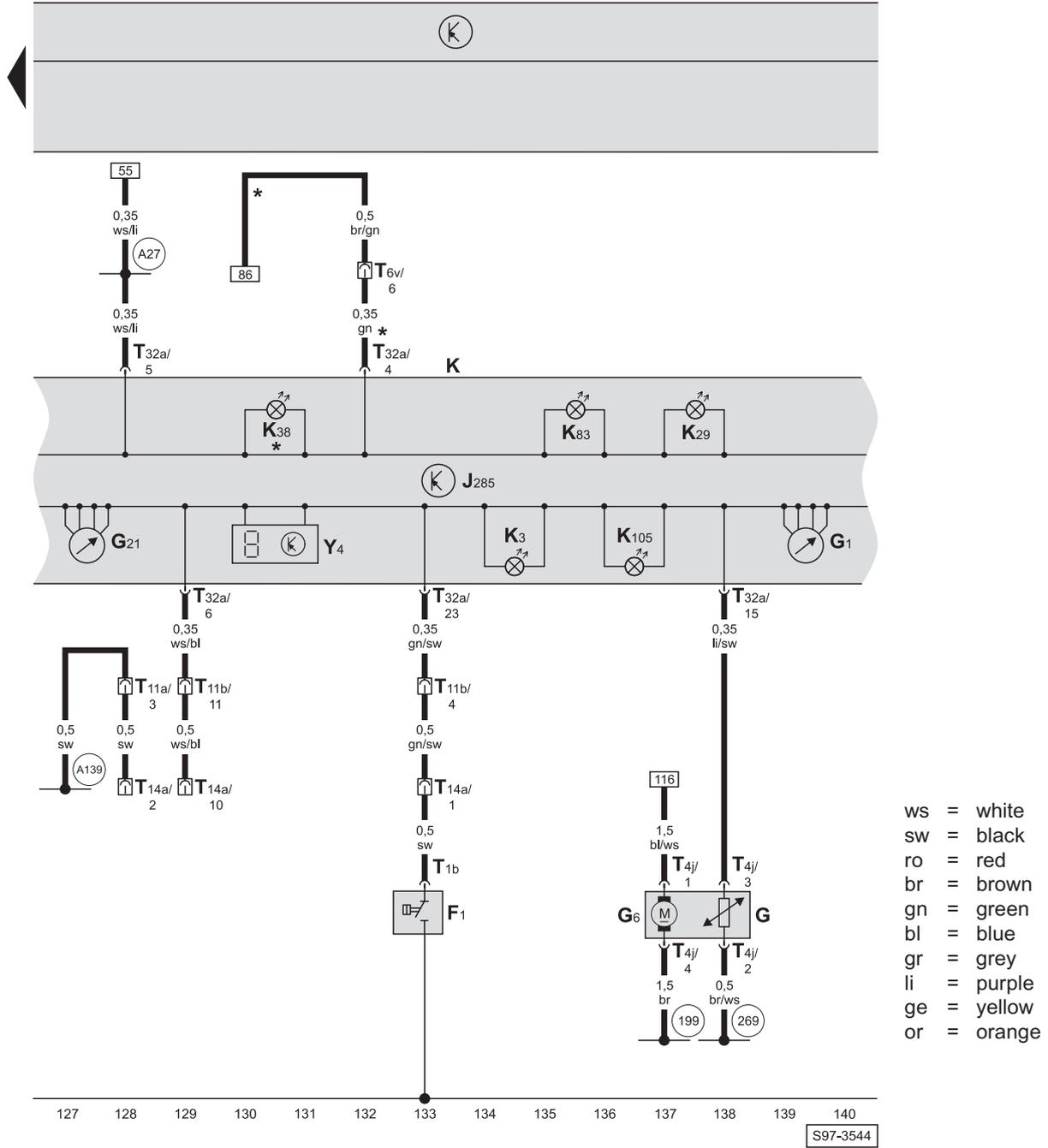


- J17 - Fuel pump relay
- J322 - Diesel direct injection system relay
- T3a - 3-pin connector, at left of bulkhead (grey)
- T6n - 6-pin connector, at left of bulkhead (blue)
- T6r - 6-pin connector, at left of bulkhead (brown)
- T11b - 11-pin connector, at left of bulkhead (red)
- T14a - Connector, 14-pin, in left of engine compartment (connection of the engine pre-assembly wiring loom/ engine compartment wiring loom)

- A15 - Positive connection (15), in wiring loom behind dash panel
- A32 - Positive connection (30a), in wiring loom behind dash panel on left
- A33 - Positive connection (75), in wiring loom behind dash panel
- A101 - Connection (87), in wiring loom behind dash panel
- D52 - Positive connection (15a), in engine compartment wiring loom
- D102 - Connection -2- (87a), in wiring loom in left of engine compartment
- D103 - Connection -3- (87a), in engine compartment wiring loom

* - applies only to models with extended service interval (ESI)

Dash panel insert, Control unit in dash panel insert, Warning lamps, Oil pressure switch, Fuel gauge sender, Fuel pump, Fuel gauge, Speedometer, Odometer display

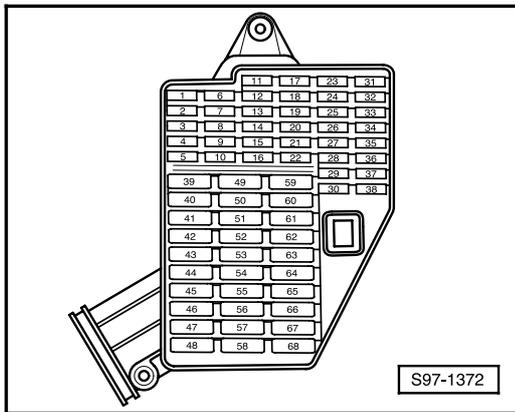


- F1 - Oil pressure switch
- G - Fuel gauge sender
- G1 - Fuel gauge
- G6 - Fuel pump
- G21 - Speedometer
- J285 - Control unit in dash panel insert
- K - Dash panel insert
- K3 - Oil pressure warning lamp
- K29 - Glow period warning lamp
- K38 - Oil level indicator light
- K83 - Exhaust gas warning lamp
- K105 - Reserve fuel warning lamp
- T1b - 1-pin connector, at oil pressure switch
- T4j - 4-pin connector, at fuel pump
- T6v - 6-pin connector, at left of bulkhead (green)
- T11a - 11-pin connector, at left of bulkhead (white)
- T11b - 11-pin connector, at left of bulkhead (red)
- T14a - Connector, 14-pin, in left of engine compartment (connection of the engine pre-assembly wiring loom/ engine compartment wiring loom)
- T32a - 32-pin connector, at dash panel insert
- Y4 - Odometer display

- 199 - Earth connection, in wiring harness behind dash panel
- 269 - Earth connection (sender earth) -1-, in wiring harness behind dash panel
- A27 - Connection (vehicle speed signal), in wiring loom behind dash panel
- A139 - Positive connection (15), in wiring loom behind dash panel
- * - applies only to models with extended service interval (ESI)

Base equipment - FABIA, from August 2003

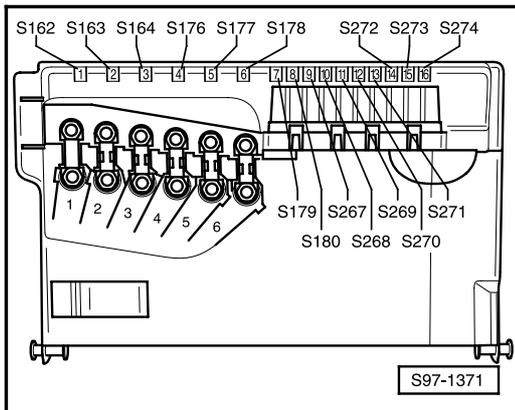
Fuse holder:



Fuse colours

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

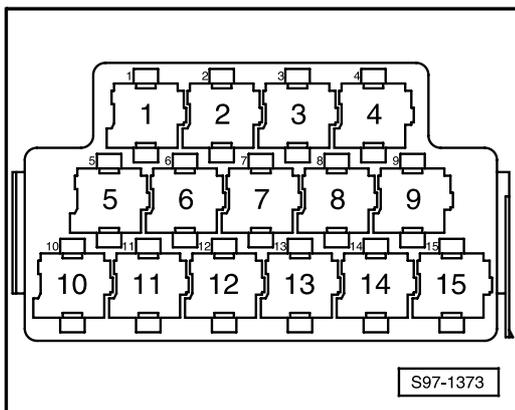
Fuse holder on battery:



Fuse colours

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

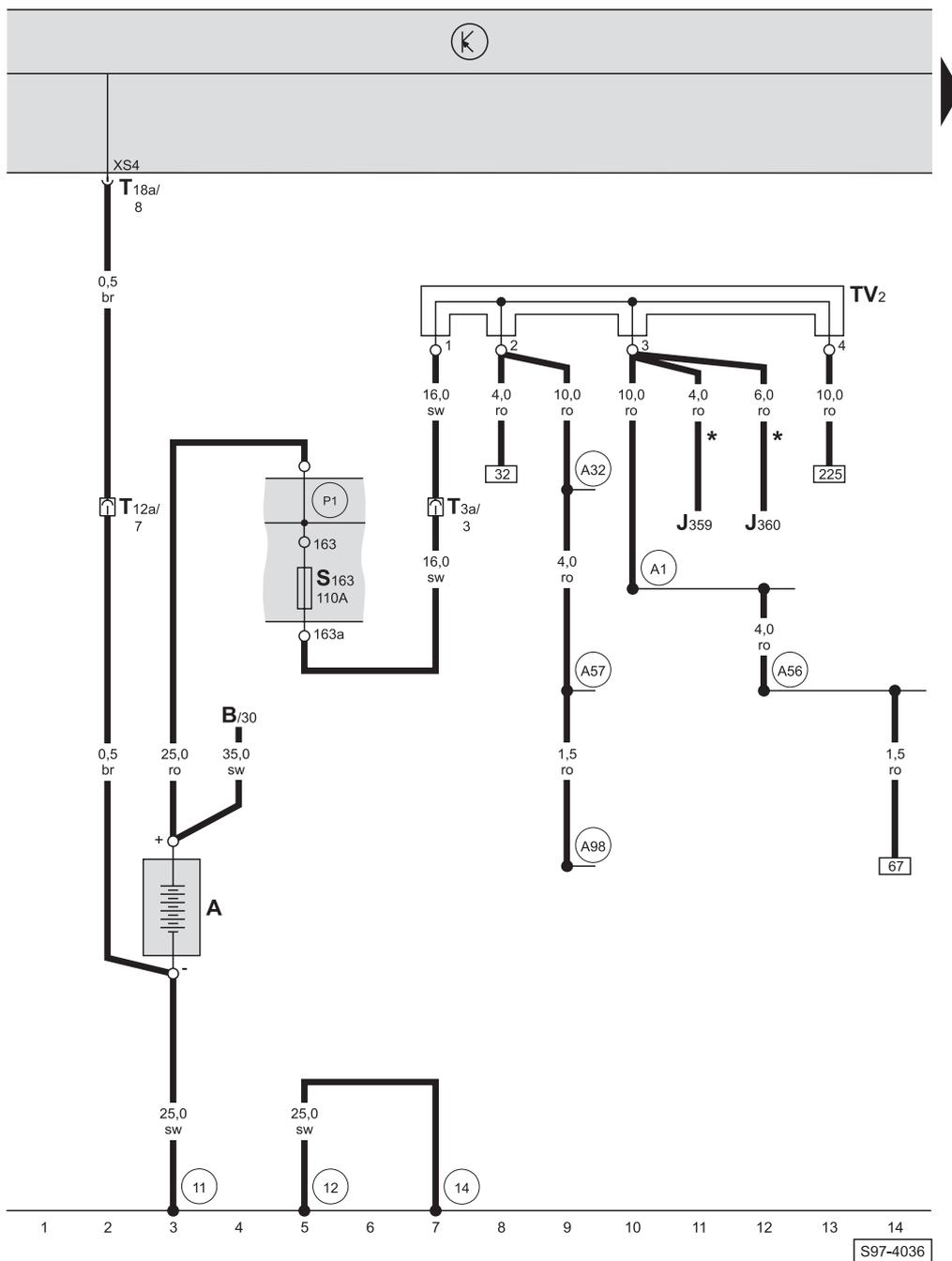
Relay holder:



Relay position assignment

- 11** - X contact relief relay

Battery, fuse holder on battery



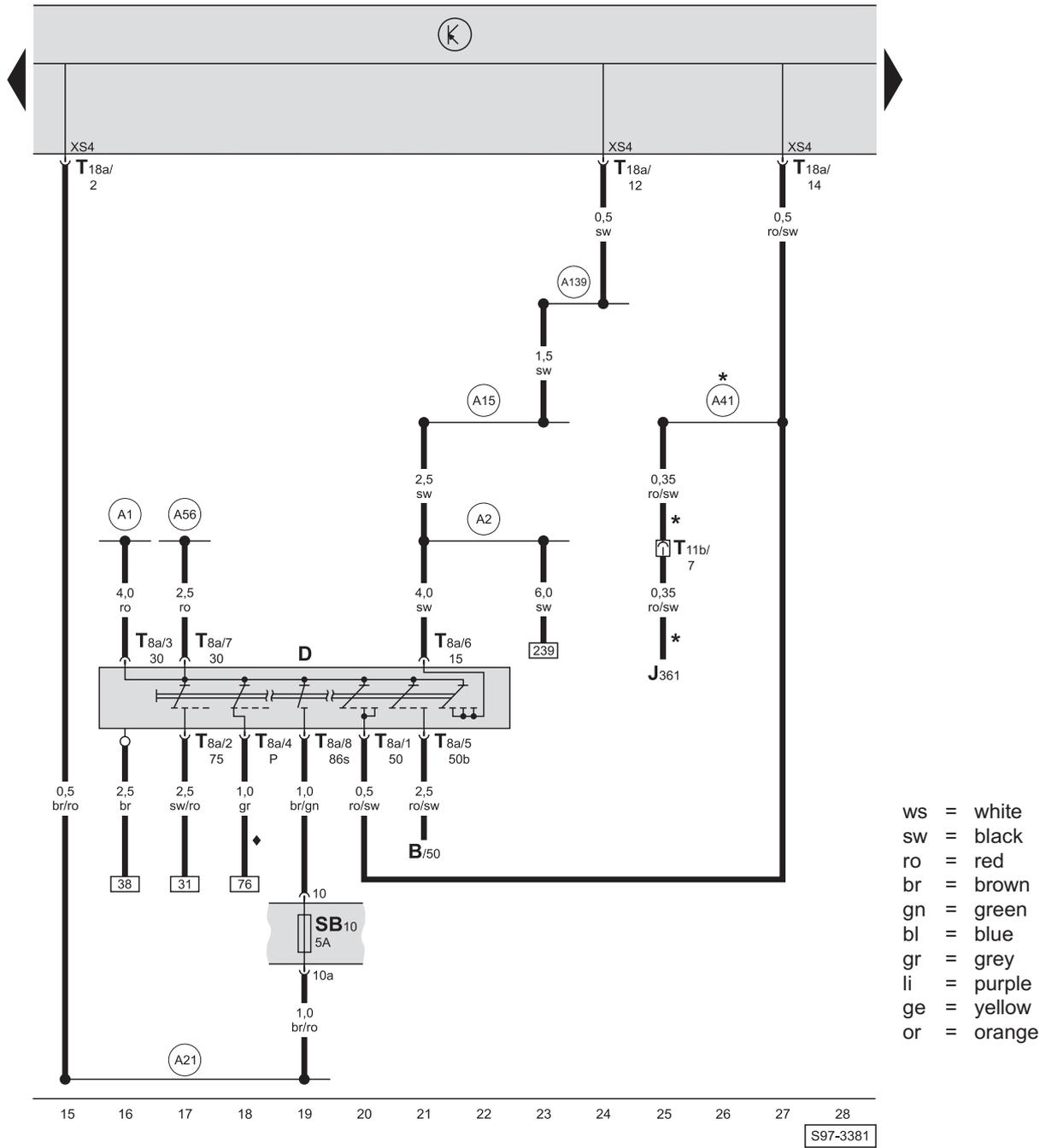
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange

- A - Battery
- B - Starter
- J359 - Low heating capacity relay
- J360 - High heating capacity relay
- S163 - Fuse -2- (30), in fuse holder on battery
- T3a - 3-pin connector, at left of bulkhead (grey)
- T12a - 12-pin connector, at left of bulkhead (white)
- T18a - 18-pin connector, at electrical system control unit (brown)
- TV2 - Terminal 30 junction, behind dash panel on left

- 11 - Earth point, in left of engine compartment, behind battery (at suspension strut mounting)
- 12 - Earth point, in left of engine compartment, below battery (at side member)
- 14 - Earth point, on gearbox
- A1 - Positive connection (30a), in wiring loom behind dash panel
- A32 - Positive connection (30a), in wiring loom behind dash panel on left
- A56 - Positive connection (30a), in wiring loom behind dash panel
- A57 - Positive connection (30a), in wiring loom behind dash panel
- A98 - Positive connection (30a), in wiring loom behind dash panel (applies only to models with telephone system)
- P1 - Positive connection (30), in fuse holder on battery
- * - Applies only to models with heating element (PTC)

S97-4036

Ignition/starter switch, fuse holder

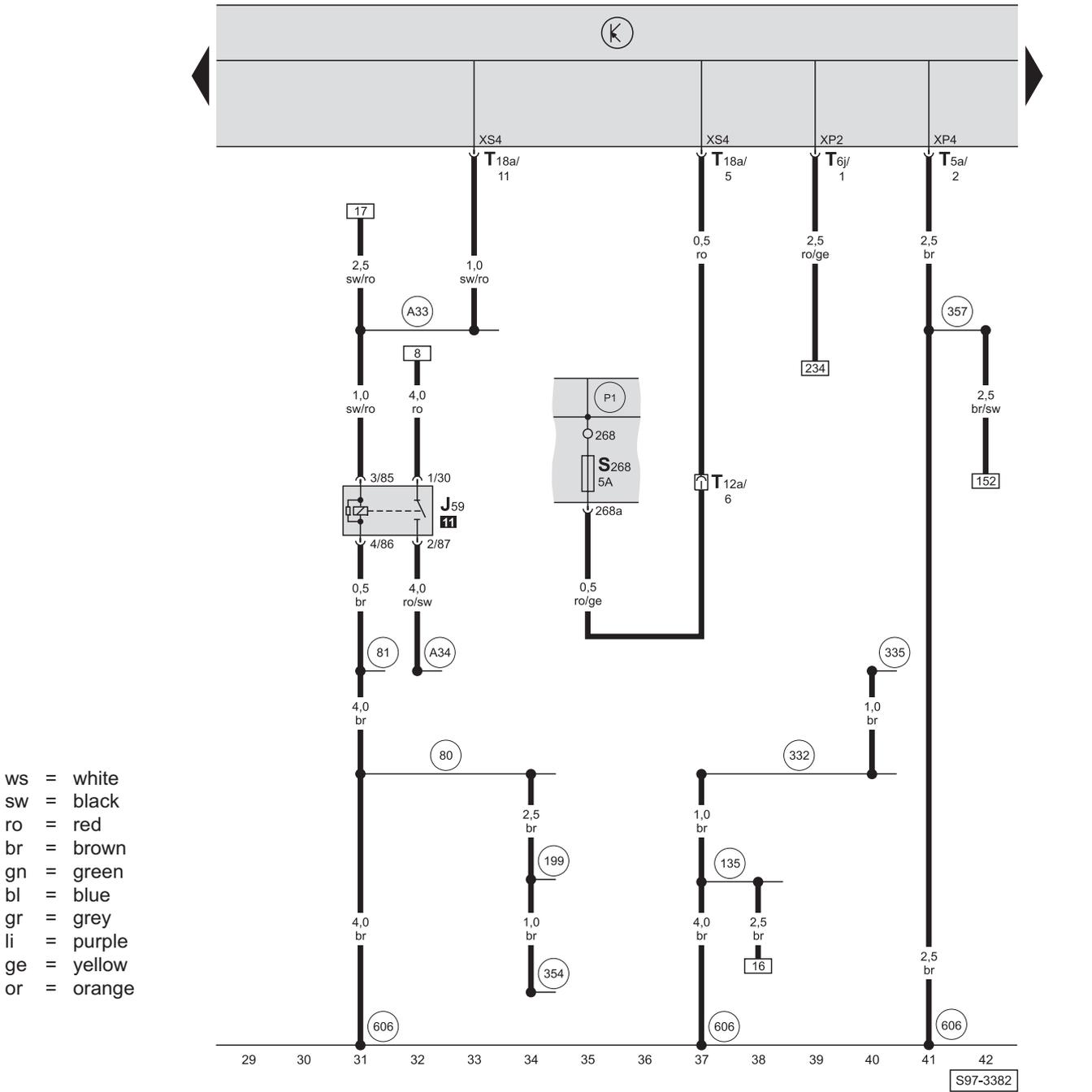


- B - Starter
- D - Ignition/starter switch
- J361 - Simos control unit
- T8a - 8-pin connector, at ignition/starter switch
- T11b - 11-pin connector, at left of bulkhead (red)
- T18a - 18-pin connector, at electrical system control unit (brown)

- (A1) - Positive connection (30a), in wiring loom behind dash panel
- (A2) - Positive connection (15), in wiring loom behind dash panel
- (A15) - Positive connection (15), in wiring loom behind dash panel
- (A21) - Positive connection (86s), in wiring loom behind dash panel
- (A41) - Positive connection (50), in wiring loom behind dash panel
- (A56) - Positive connection (30a), in wiring loom behind dash panel
- (A139) - Positive connection (15), in wiring loom behind dash panel

- * - applies only to engine codes AZQ
- ◆ - Does not apply to models with daytime running lights

Relief relay for X contact, fuse holder on battery



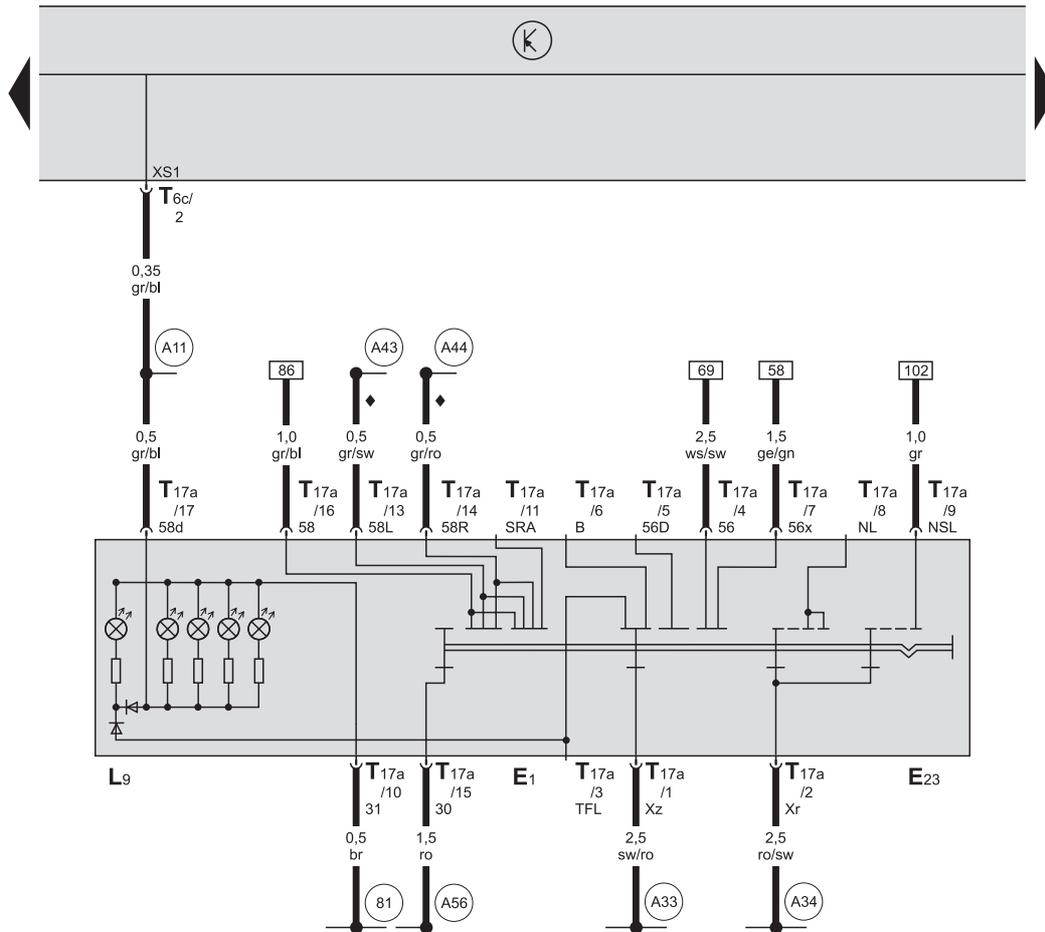
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange

- J59 - Relief relay for X-contact
- S268 - Fuse -10- (30), in fuse holder on battery
- T5a - 5-pin connector, at electrical system control unit (black)
- T6j - 6-pin connector, at electrical system control unit (brown)
- T12a - 12-pin connector, at left of bulkhead (white)
- T18a - 18-pin connector, at electrical system control unit (brown)

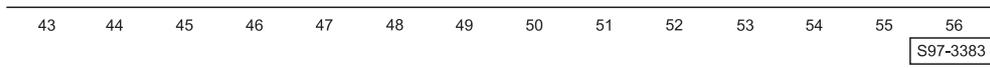
- (80) - Earth connection, in wiring harness behind dash panel
- (81) - Earth connection, in wiring harness behind dash panel

- (135) - Earth connection, in wiring harness behind dash panel
- (199) - Earth connection, in wiring harness behind dash panel
- (332) - Earth connection, in wiring harness behind dash panel
- (335) - Earth connection, in wiring harness behind dash panel
- (354) - Earth connection, in wiring harness behind dash panel
- (357) - Earth connection, in wiring harness behind dash panel
- (606) - Earth point, under the centre console, near gear stick
- (A33) - Positive connection (75), in wiring loom behind dash panel
- (A34) - Positive connection (75x), in wiring loom behind dash panel
- (P1) - Positive connection (30), in fuse holder on battery

Light switch



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

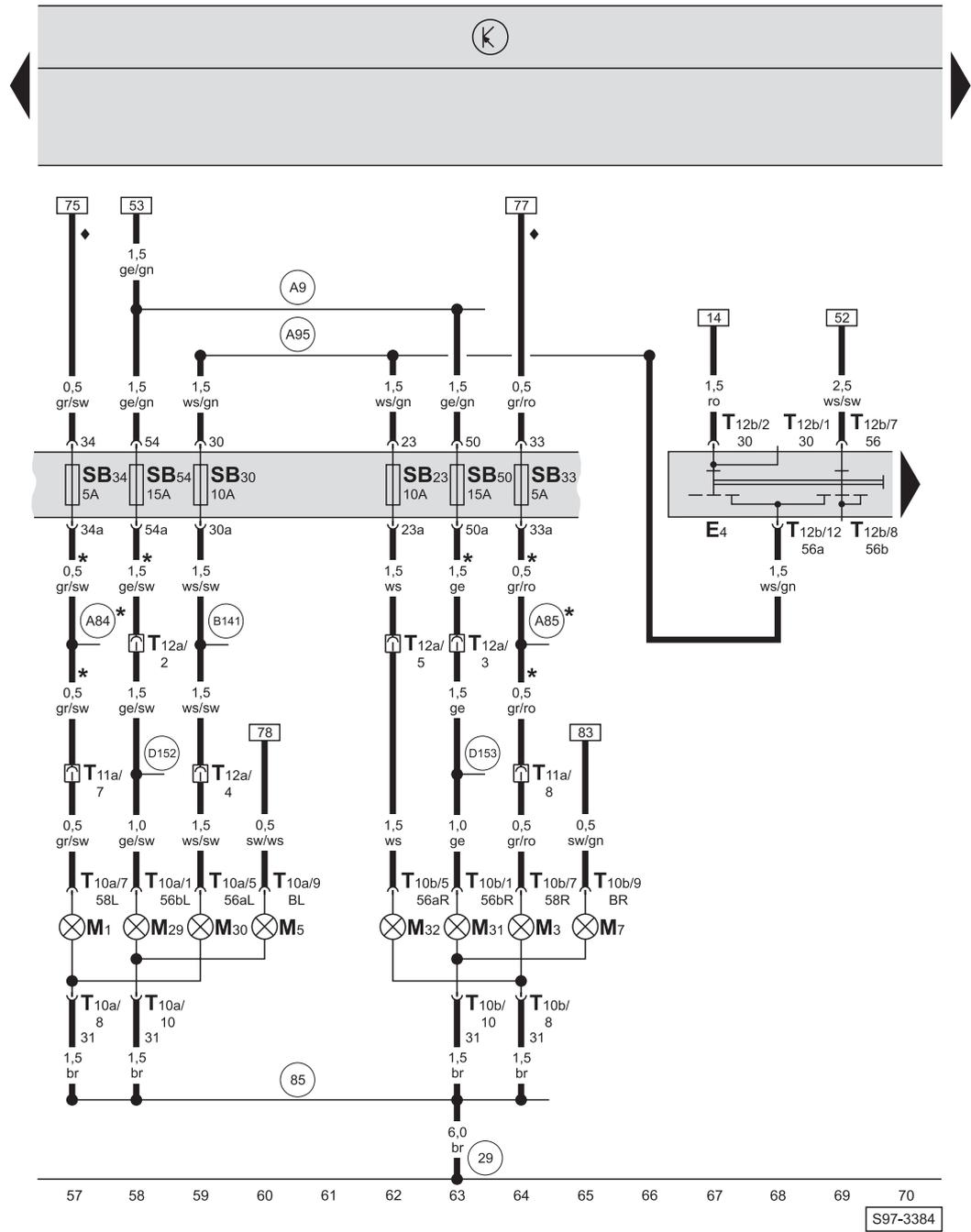


- E1 - Light switch
- E23 - Front and rear fog light switch
- L9 - Lighting switch illumination bulb
- T6c - 6-pin connector, at electrical system control unit (black)
- T17a - 17-pin connector, at light switch

- (81) - Earth connection, in wiring harness behind dash panel
- (A11) - Positive connection (58b), in wiring loom behind dash panel
- (A33) - Positive connection (75), in wiring loom behind dash panel
- (A34) - Positive connection (75x), in wiring loom behind dash panel
- (A43) - Connection (57L), in wiring loom behind dash panel
- (A44) - Connection (57R), in wiring loom behind dash panel
- (A56) - Positive connection (30a), in wiring loom behind dash panel

◆ - Does not apply to models with daytime running lights

Low beam and headlight flasher switch, headlights, fuse holder, (does not apply to models with gas discharge lights)

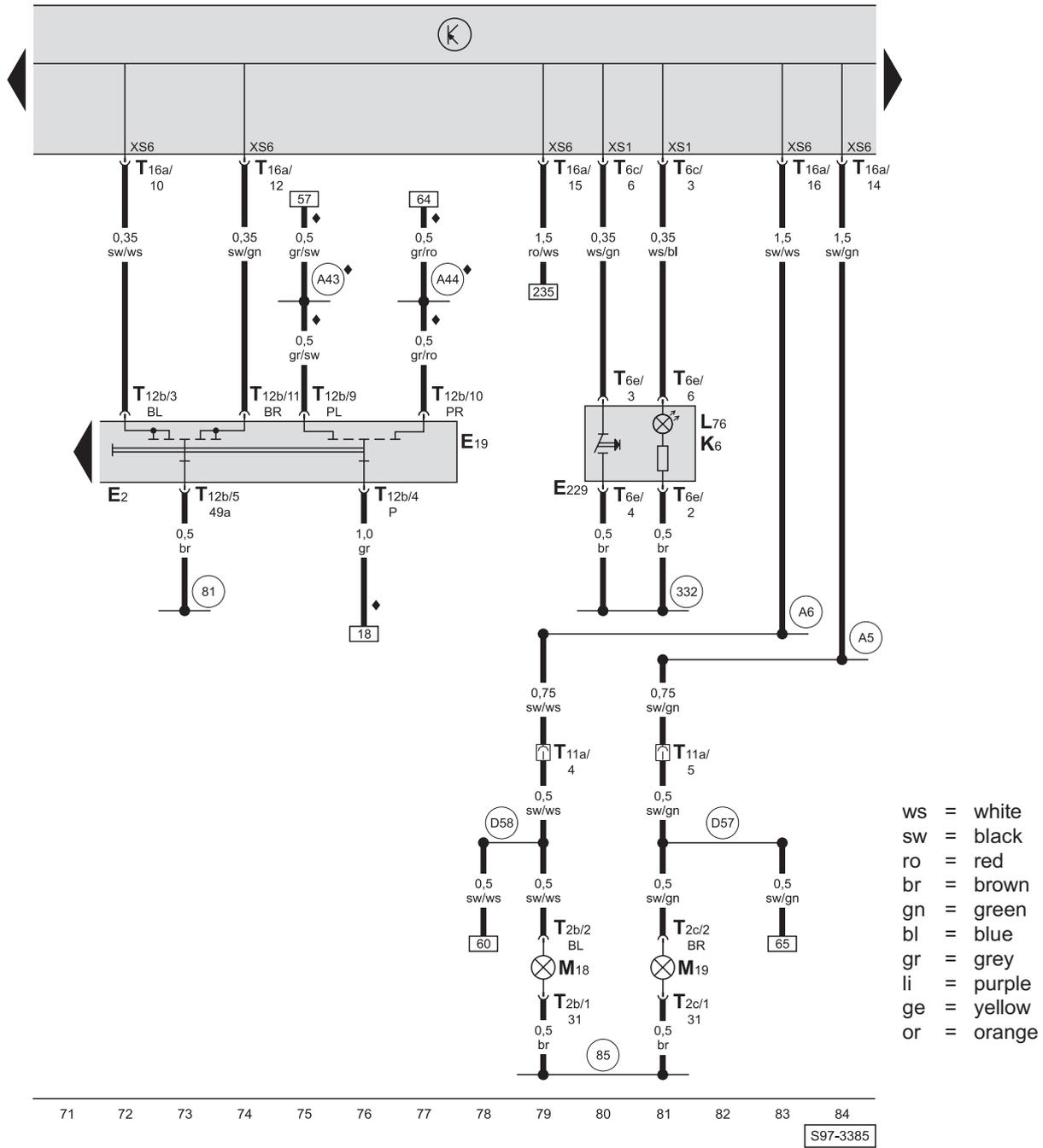


- E4 - Headlight dipper/flasher switch
- M1 - Side light bulb, left
- M3 - Side light bulb, right
- M5 - Turn signal bulb, front left
- M7 - Turn signal bulb, front right
- M29 - Headlight dipped beam bulb, left
- M30 - Headlight main beam bulb, left
- M31 - Headlight dipped beam bulb, right
- M32 - Headlight main beam bulb, right
- T10a - 10-pin connector, at left headlight
- T10b - 10-pin connector, at right headlight
- T11a - 11-pin connector, at left of bulkhead (white)
- T12a - 12-pin connector, at left of bulkhead (white)
- T12b - 12-pin connector, at headlight dipper/flasher switch
- (29) - Earth point, in left of engine compartment, behind battery (at suspension strut mounting)

- (85) - Earth connection -1-, in wiring loom in left of engine compartment
- (A9) - Connection (56b), in wiring loom behind dash panel
- (A84) - Connection (58L), in wiring loom behind dash panel
- (A85) - Connection (58R), in wiring loom behind dash panel
- (A95) - Connection (56a), in wiring loom behind dash panel
- (B141) - Connection (56aL), in wiring loom behind dash panel
- (D152) - Positive connection (56bL), in left engine compartment wiring loom
- (D153) - Positive connection (56bR), in right engine compartment wiring loom

- * - Does not apply to models with bulb failure indicator
- ♦ - Does not apply to models with daytime running lights

Turn signal light switch, parking light switch, hazard warning light pushbutton, side turn signal light



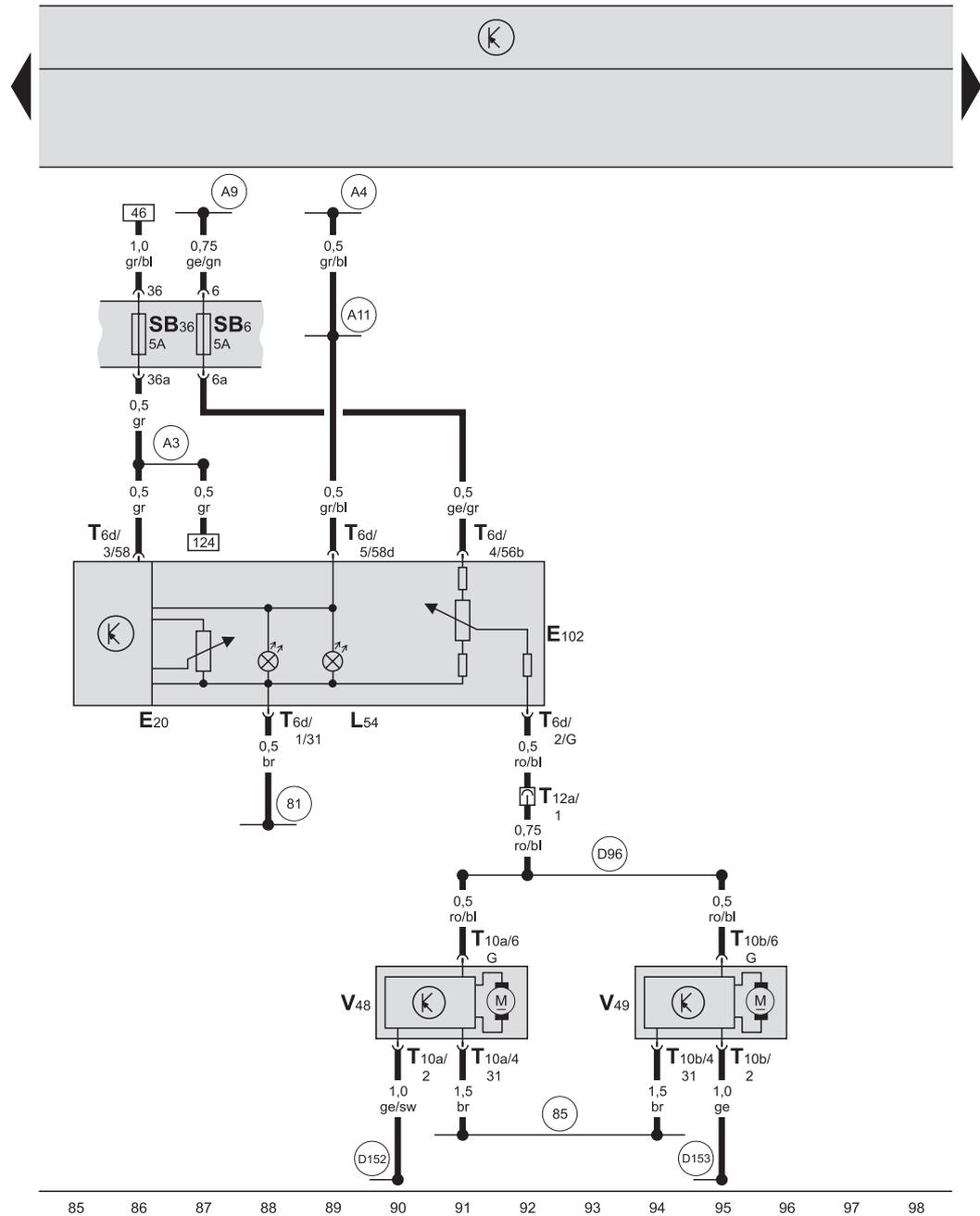
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange

- E2 - Turn signal switch
- E19 - Parking light switch
- E229 - Button for hazard warning lights
- K6 - Hazard warning light system warning lamp
- L76 - Switch/button illumination
- M18 - Side turn signal bulb, left
- M19 - Side turn signal bulb, right
- T2b - 2-pin connector, at left side turn signal light
- T2c - 2-pin connector, at right side turn signal light
- T6c - 6-pin connector, at electrical system control unit (black)
- T6e - 6-pin connector, at hazard warning light pushbutton
- T11a - 11-pin connector, at left of bulkhead (white)
- T12b - 12-pin connector, at turn signal light switch
- T16a - 16-pin connector, at electrical system control unit (black)

- 81 - Earth connection, in wiring harness behind dash panel
- 85 - Earth connection -1-, in wiring loom in left of engine compartment
- 332 - Earth connection, in wiring harness behind dash panel
- A5 - Positive connection (right turn signal light), in wiring loom behind dash panel
- A6 - Positive connection (left turn signal light), in wiring loom behind dash panel
- A43 - Connection (57L), in wiring loom behind dash panel
- A44 - Connection (57R), in wiring loom behind dash panel
- D57 - Connection (right turn signal light), in right engine compartment wiring loom
- D58 - Connection (left turn signal light), in left engine compartment wiring loom

◆ - Does not apply to models with daytime running lights

Lighting rheostat - switches and instruments, headlight range control adjuster, headlight range control, headlight range control adjuster, fuse holder (does not apply to models fitted with gas discharge bulbs)



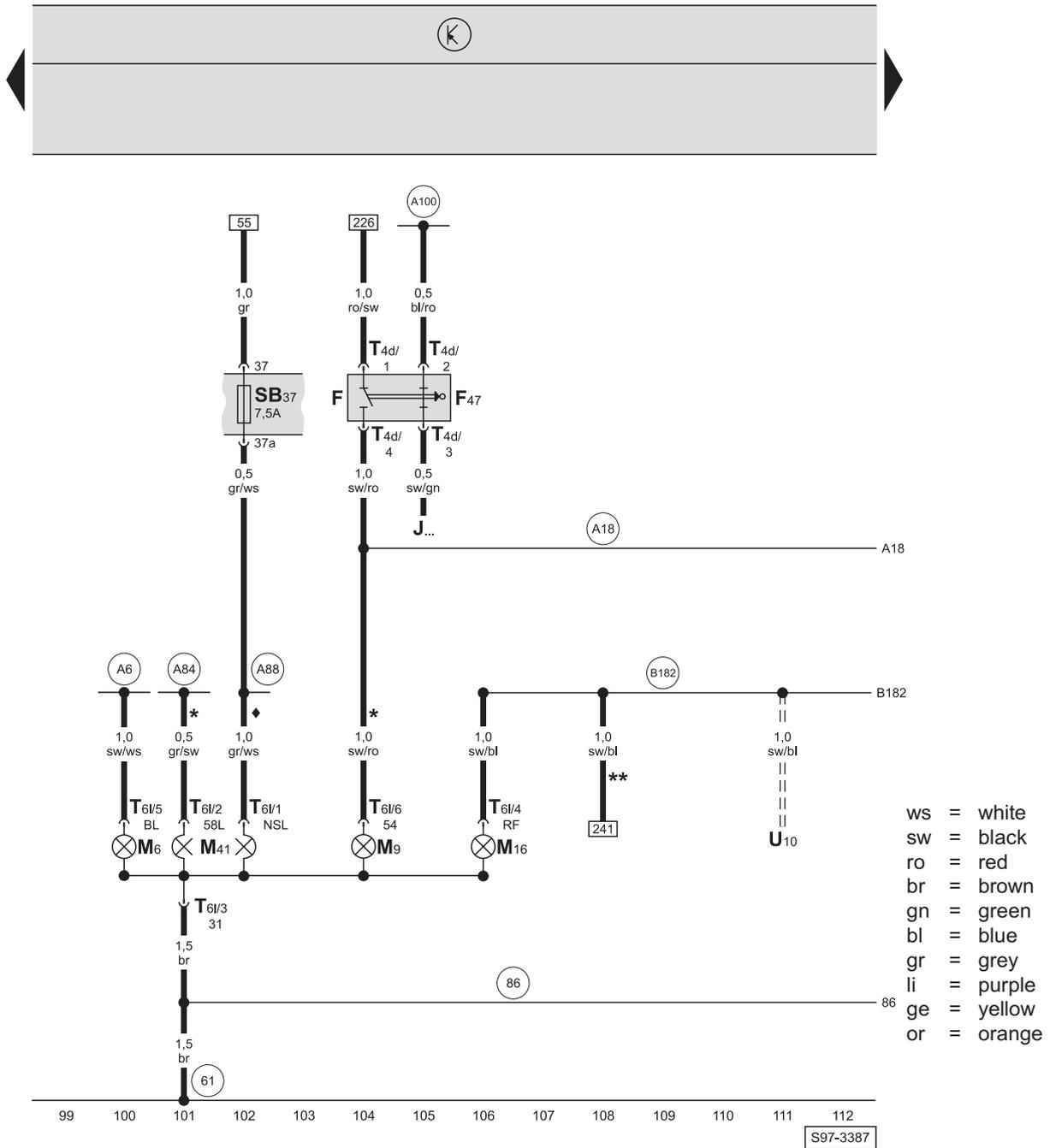
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange

- E20 - Switches and instruments lighting control
- E102 - Headlight range control adjuster
- L54 - Headlight range control regulator illumination
- T6d - 6-pin connector, at lighting control and headlight range control adjuster
- T10a - 10-pin connector, at left headlight
- T10b - 10-pin connector, at right headlight
- T12a - 12-pin connector, at left of bulkhead (white)
- V48 - Headlight range control motor, left
- V49 - Headlight range control motor, right

- 81 - Earth connection, in wiring harness behind dash panel
- 85 - Earth connection -1-, in wiring loom in left of engine compartment
- A3 - Positive connection (58), in wiring loom behind dash panel
- A4 - Positive connection (58b), in wiring loom behind dash panel
- A9 - Connection (56b), in wiring loom behind dash panel
- A11 - Positive connection (58b), in wiring loom behind dash panel
- D96 - Connection (headlight range control), in engine compartment wiring loom
- D152 - Positive connection (56bL), in left engine compartment wiring loom
- D153 - Positive connection (56bR), in right engine compartment wiring loom

S97-3386

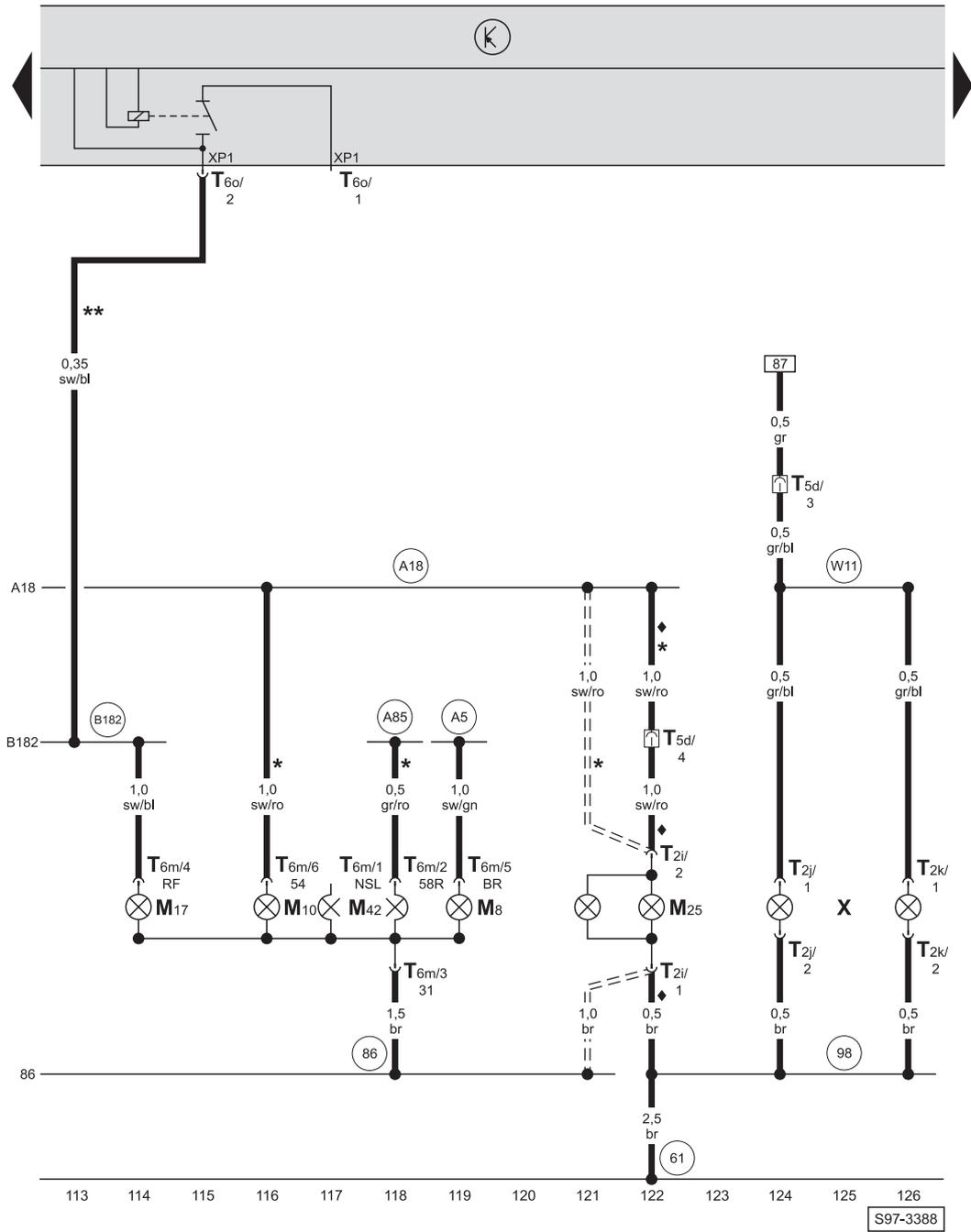
Brake light switch, left tail light, fuse holder



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

- F - Brake light switch
- F47 - Brake pedal switch
- J... - Engine control units
- M6 - Turn signal bulb, rear left
- M9 - Brake light bulb, left
- M16 - Reversing light bulb left
- M41 - Left tail light and rear fog light bulb
- T4d - 4-pin connector, at brake pedal switch
- T6l - 6-pin connector, at left tail light
- U10 - Trailer socket
- 61 - Earth point, C-pillar left
- 86 - Earth connection -1-, in rear interior wiring loom
- A6 - Positive connection (left turn signal light), in wiring loom behind dash panel
- A18 - Connection (54), in wiring loom behind dash panel
- A84 - Connection (58L), in wiring loom behind dash panel
- A88 - Connection (NSL), in wiring loom behind dash panel
- A100 - Connection (87a), in wiring loom behind dash panel
- B182 - Connection (RF), in interior wiring loom
- * - Does not apply to models with bulb failure indicator
- ** - Does not apply to models with automatic gearbox
- ◆ - does not apply to models with trailer coupling
- === - applies only to models with trailer coupling

Right tail light, centre high-mounted brake light, licence plate light



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

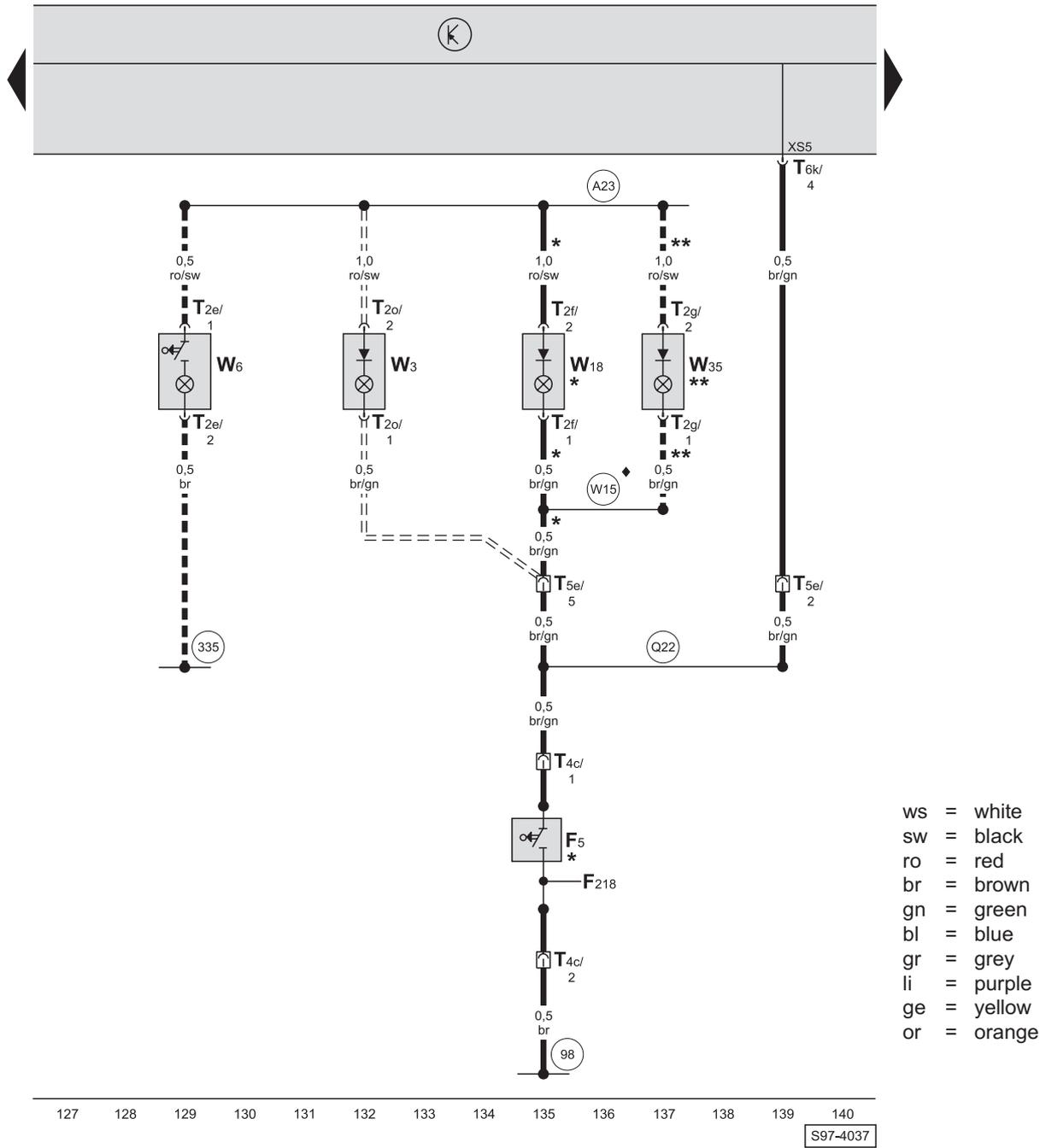
- M8 - Turn signal bulb, rear right
- M10 - Brake light bulb, right
- M17 - Reversing light bulb right
- M25 - Centre high-mounted brake light bulb
- M42 - Right tail light and rear fog light bulb
- T2i - 2-pin connector, at centre high-mounted brake light
- T2j - 2-pin connector, at licence plate light (left)
- T2k - 2-pin connector, at licence plate light (right)
- T5d - 5-pin connector, at left C pillar (pink)
- T6m - 6-pin connector, at right tail light
- T6o - 6-pin connector, at electrical system control unit (black)
- X - Number plate light

- (61) - Earth point, C-pillar left
- (86) - Earth connection -1-, in rear interior wiring loom
- (98) - Earth connection, in engine compartment wiring harness
- (A5) - Positive connection (right turn signal light), in wiring loom behind dash panel
- (A18) - Connection (54), in wiring loom behind dash panel
- (A85) - Connection (58R), in wiring loom behind dash panel
- (B182) - Connection (RF), in interior wiring loom
- (W11) - Connection (58), in tailgate wiring loom

- * - Does not apply to models with bulb failure indicator
- ** - Does not apply to models with automatic gearbox
- ◆ - does not apply to Saloon models
- === - applies only to Saloon models

S97-3388

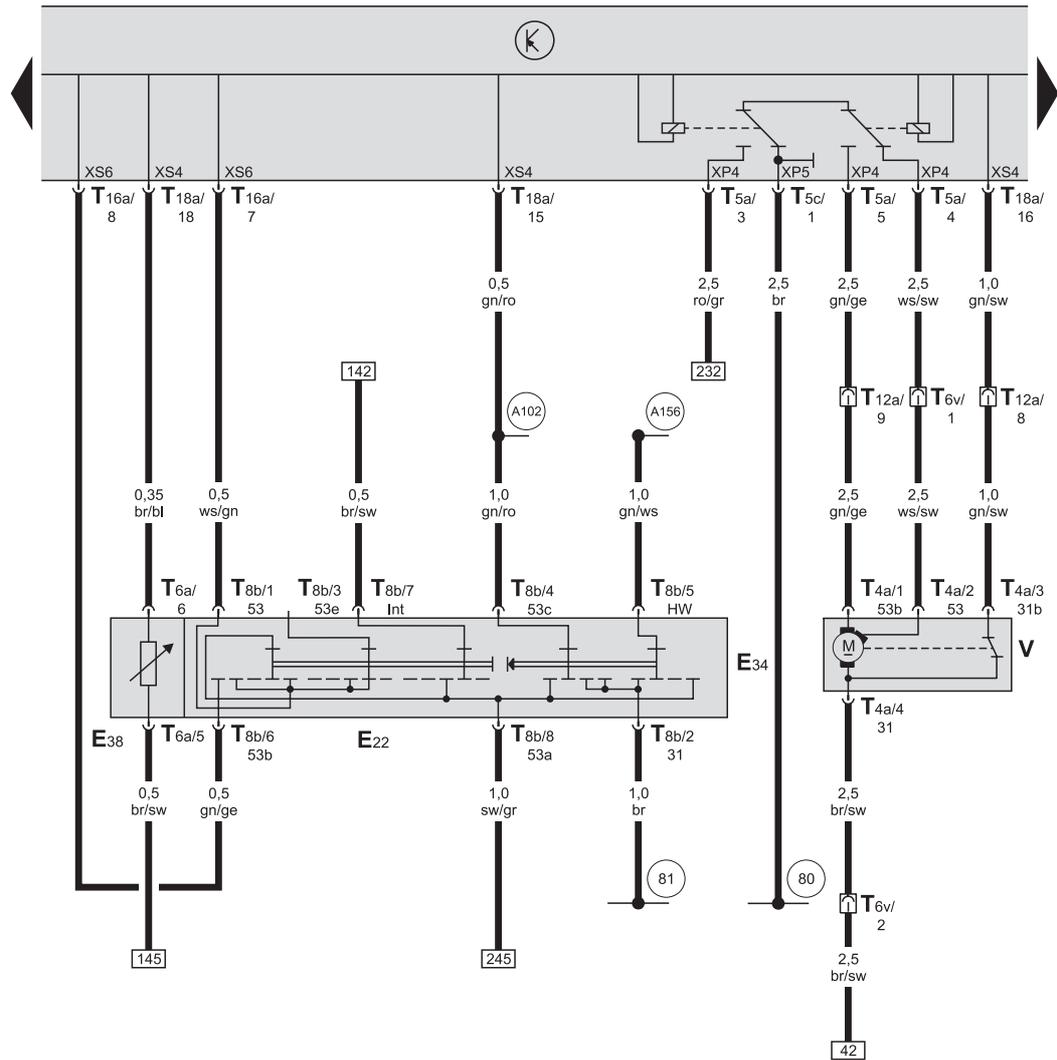
Glove box light, luggage compartment light



- F5 - Luggage compartment light switch
- S218 - Central locking switch, in tailgate lock
- T2e - 2-pin connector, at glove box light
- T2f - 2-pin connector, at left luggage compartment light
- T2g - 2-pin connector, at right luggage compartment light
- T2o - Connector, 2-pin, at luggage compartment light
- T4c - 4-pin connector, at boot/tailgate lock
- T5e - 5-pin connector, at left C pillar (black)
- T6k - 6-pin connector, at electrical system control unit (red)
- W3 - Luggage compartment light
- W6 - Glove box light
- W18 - Luggage compartment light, left
- W35 - Luggage compartment light, right

- (98) - Earth connection, in engine compartment wiring harness
- (335) - Earth connection, in wiring harness behind dash panel
- (A23) - Positive connection (30a), in wiring loom behind dash panel
- (Q22) - Connection -1-, in tailgate wiring loom
- (W15) - Connection -1- (luggage compartment light), in rear wiring loom
- * - Applies to tailgate models only with central locking
- ** - Applies only to Estate
- ◆ - applies only to Combi models with optional equipment
- - Applies only to models with optional equipment
- === - applies only to Saloon models

Windshield wiper and rear window wiper switch, windshield wiper motor (does not apply to Notchback models)



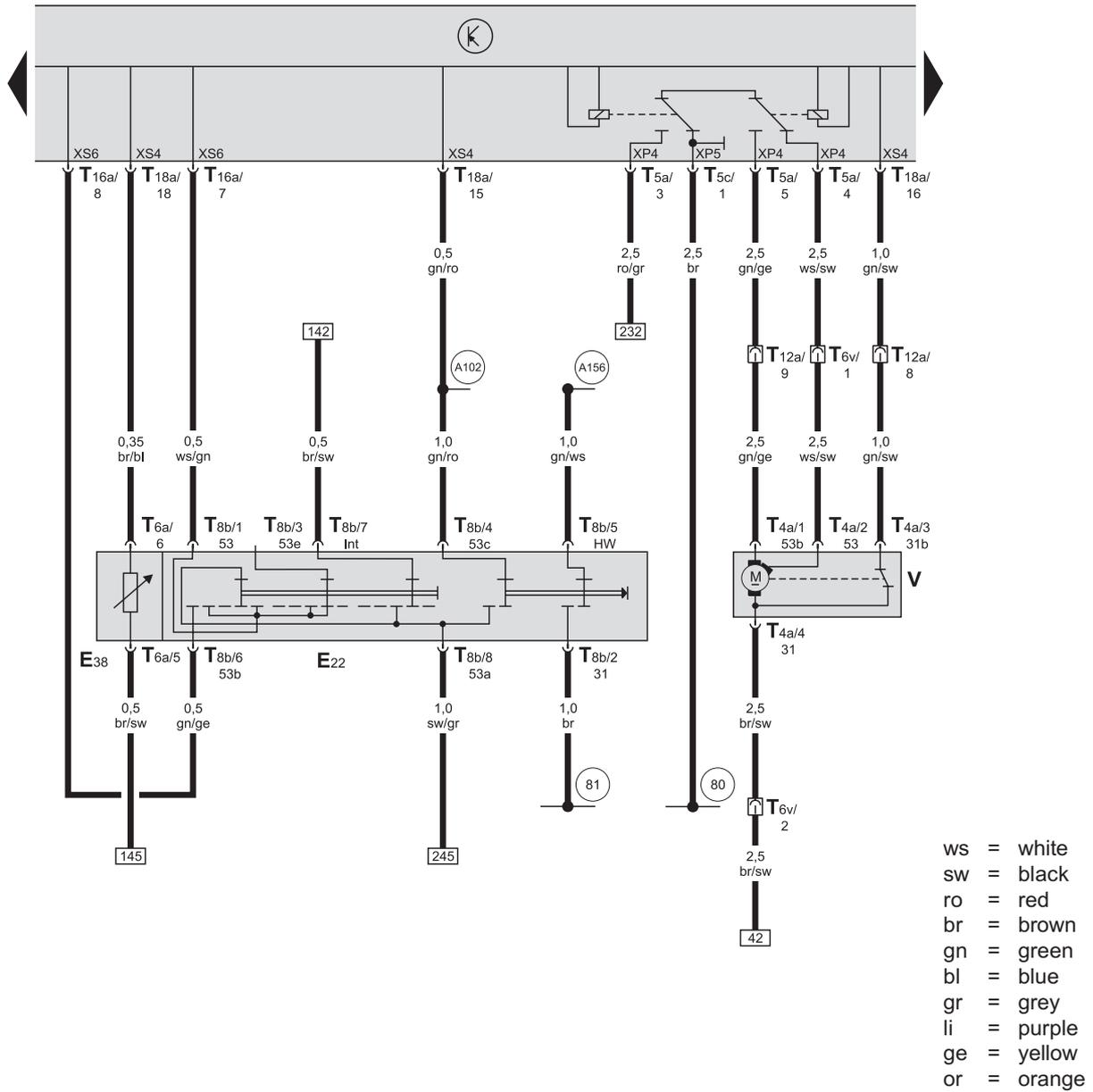
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange

141 142 143 144 145 146 147 148 149 150 151 152 153 154
S97-4038

- E22 - Intermittent wiper switch
- E34 - Rear wiper switch
- E38 - Intermittent wiper control
- T4a - 4-pin connector, at windscreen wiper motor
- T5a - 5-pin connector, at electrical system control unit (black)
- T5c - 5-pin connector, at electrical system control unit (brown)
- T6a - 6-pin connector, at windscreen wiper intermittent switch
- T6v - 6-pin connector, at left of bulkhead (green)
- T8b - 8-pin connector, at windscreen wiper intermittent switch
- T12a - 12-pin connector, at left of bulkhead (white)
- T16a - 16-pin connector, at electrical system control unit (black)
- T18a - 18-pin connector, at electrical system control unit (brown)
- V - Windscreen wiper motor

- (80) - Earth connection, in wiring harness behind dash panel
- (81) - Earth connection, in wiring harness behind dash panel
- (A102) - Connection (wiper), in wiring loom behind dash panel
- (A156) - Connection (53c), in wiring loom behind dash panel

Windshield wiper and rear window wiper switch, windshield wiper motor (applies only to Notchback models)

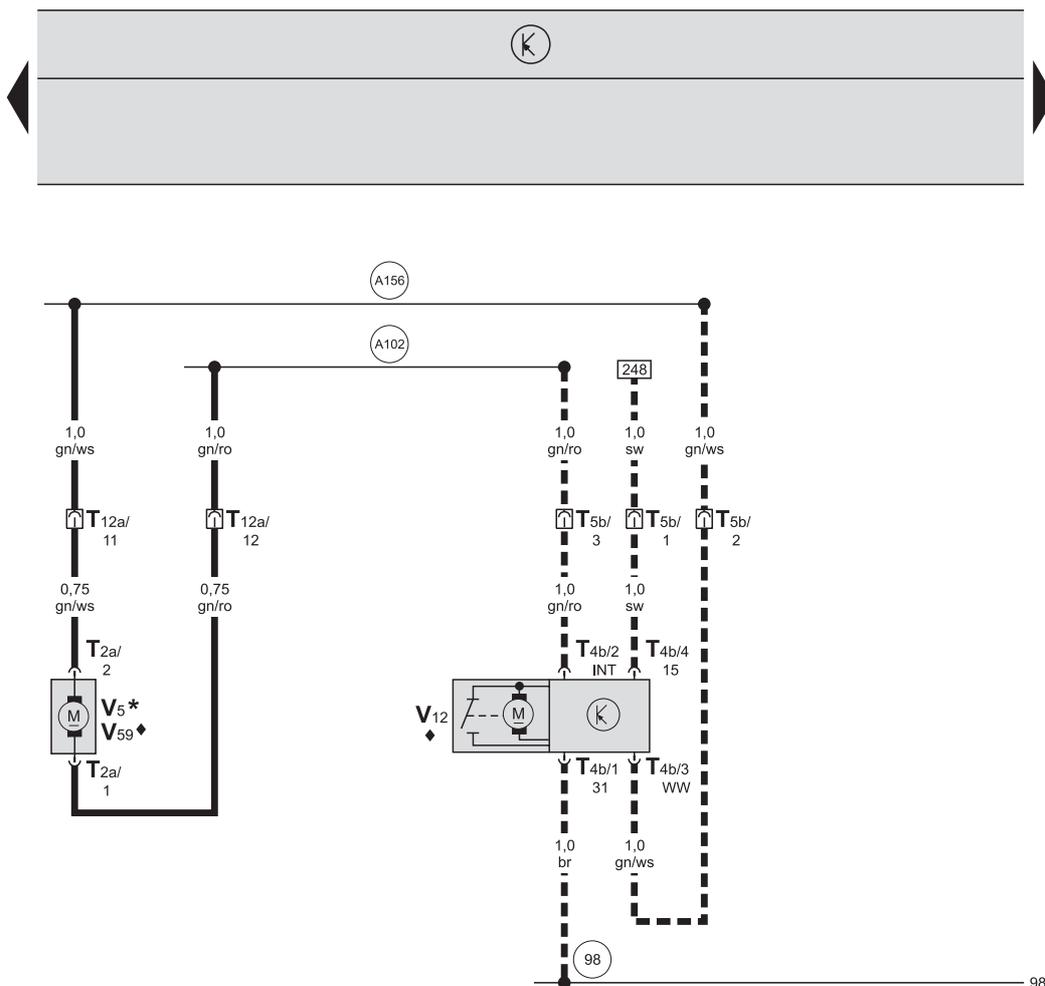


141 142 143 144 145 146 147 148 149 150 151 152 153 154
S97-4039

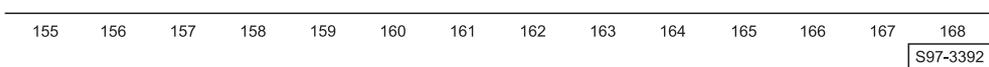
- E22 - Intermittent wiper switch
- E38 - Intermittent wiper control
- T4a - 4-pin connector, at windscreen wiper motor
- T5a - 5-pin connector, at electrical system control unit (black)
- T5c - 5-pin connector, at electrical system control unit (brown)
- T6a - 6-pin connector, at windscreen wiper intermittent switch
- T6v - 6-pin connector, at left of bulkhead (green)
- T8b - 8-pin connector, at windscreen wiper intermittent switch
- T12a - 12-pin connector, at left of bulkhead (white)
- T16a - 16-pin connector, at electrical system control unit (black)
- T18a - 18-pin connector, at electrical system control unit (brown)
- V - Windscreen wiper motor

- 80 - Earth connection, in wiring harness behind dash panel
- 81 - Earth connection, in wiring harness behind dash panel
- A102 - Connection (wiper), in wiring loom behind dash panel
- A156 - Connection (53c), in wiring loom behind dash panel

Rear window wiper motor, windscreen and rear window washer pump



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

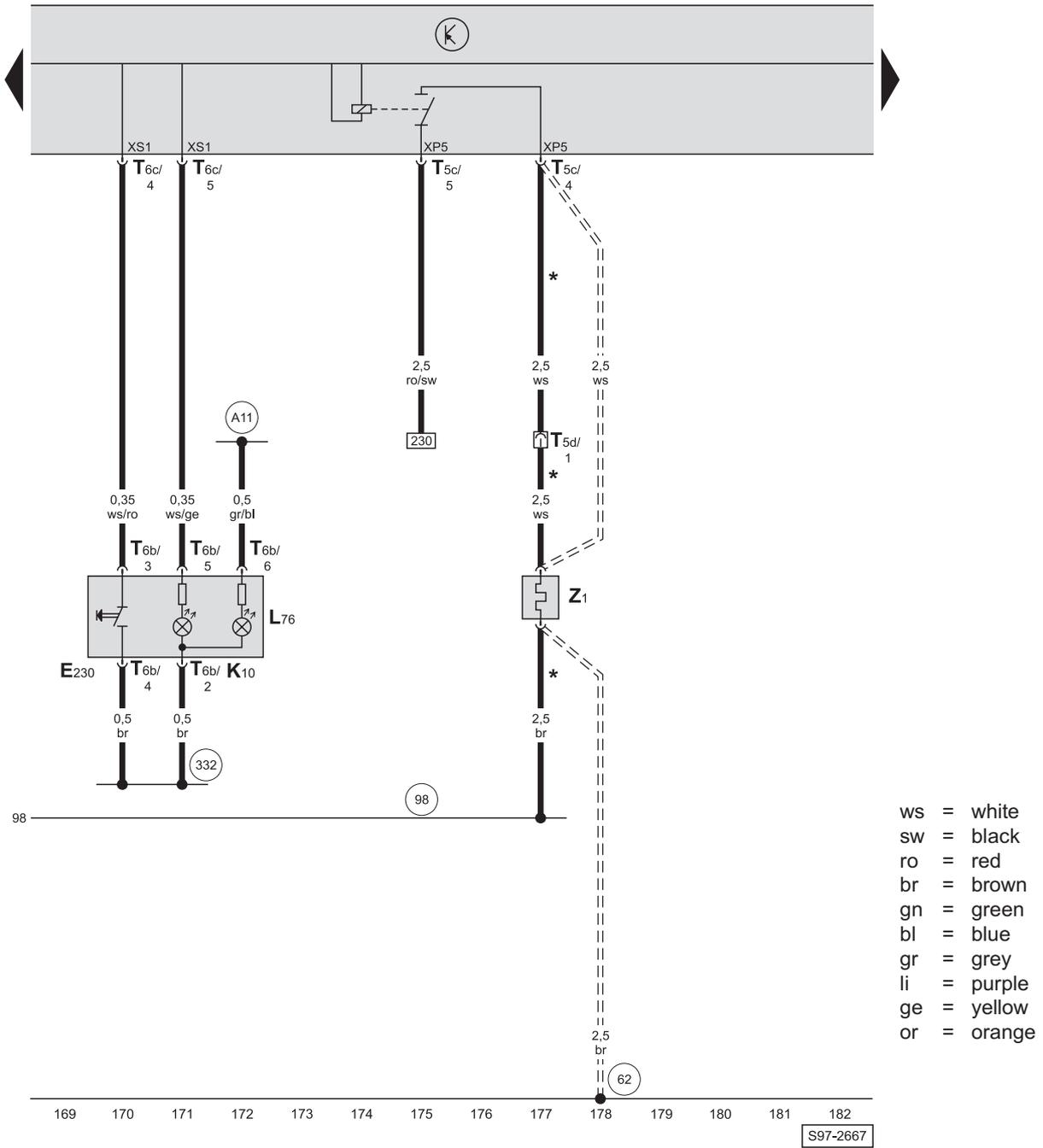


- T2a - 2-pin connector, on windscreen and rear window washer pump
- T4b - 4-pin connector, at rear window wiper motor
- T5b - 5-pin connector, at left C pillar (brown)
- T12a - 12-pin connector, at left of bulkhead (white)
- V5 - Windscreen washer pump
- V12 - Rear window wiper motor
- V59 - Windscreen and rear window washer pump

- 98 - Earth connection, in engine compartment wiring harness
- A102 - Connection (wiper), in wiring loom behind dash panel
- A156 - Connection (53c), in wiring loom behind dash panel
- * - applies only to Saloon models
- ◆ - does not apply to Saloon models
- ■ ■ - does not apply to Notchback models

S97-3392

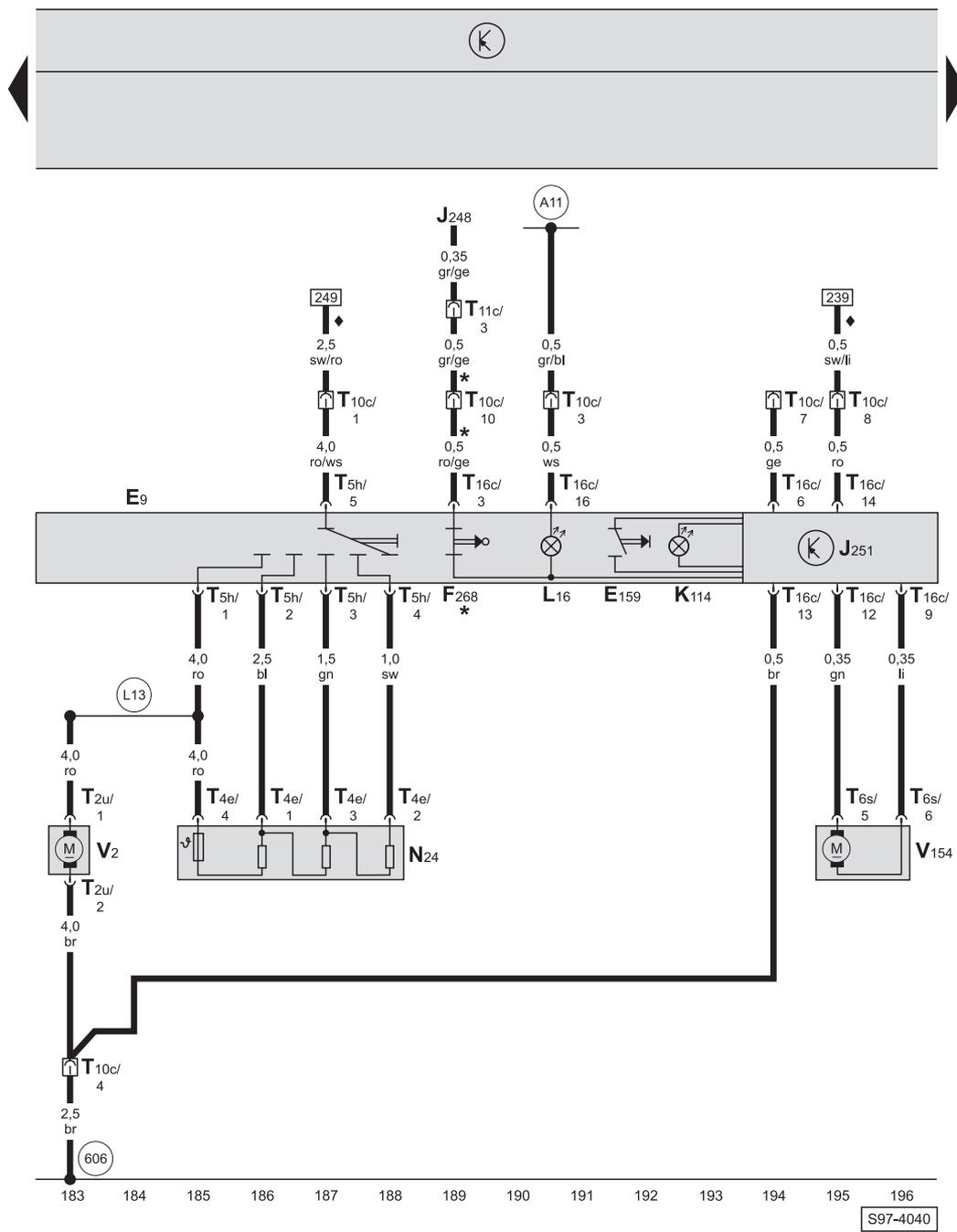
Heated rear window pushbutton, heated rear window



- E230 - Button for heated rear window
- K10 - Heated rear window warning lamp
- L76 - Switch/button illumination
- T5c - 5-pin connector, at electrical system control unit (brown)
- T5d - 5-pin connector, at left C pillar (pink)
- T6b - 6-pin connector, at heated rear window button
- T6c - 6-pin connector, at electrical system control unit (black)
- Z1 - Heated rear window

- 62 - Earth point, at right C pillar
- 98 - Earth connection, in engine compartment wiring harness
- 332 - Earth connection, in wiring harness behind dash panel
- A11 - Positive connection (58b), in wiring loom behind dash panel
- * - does not apply to Saloon models
- === - applies only to Saloon models

Heating



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

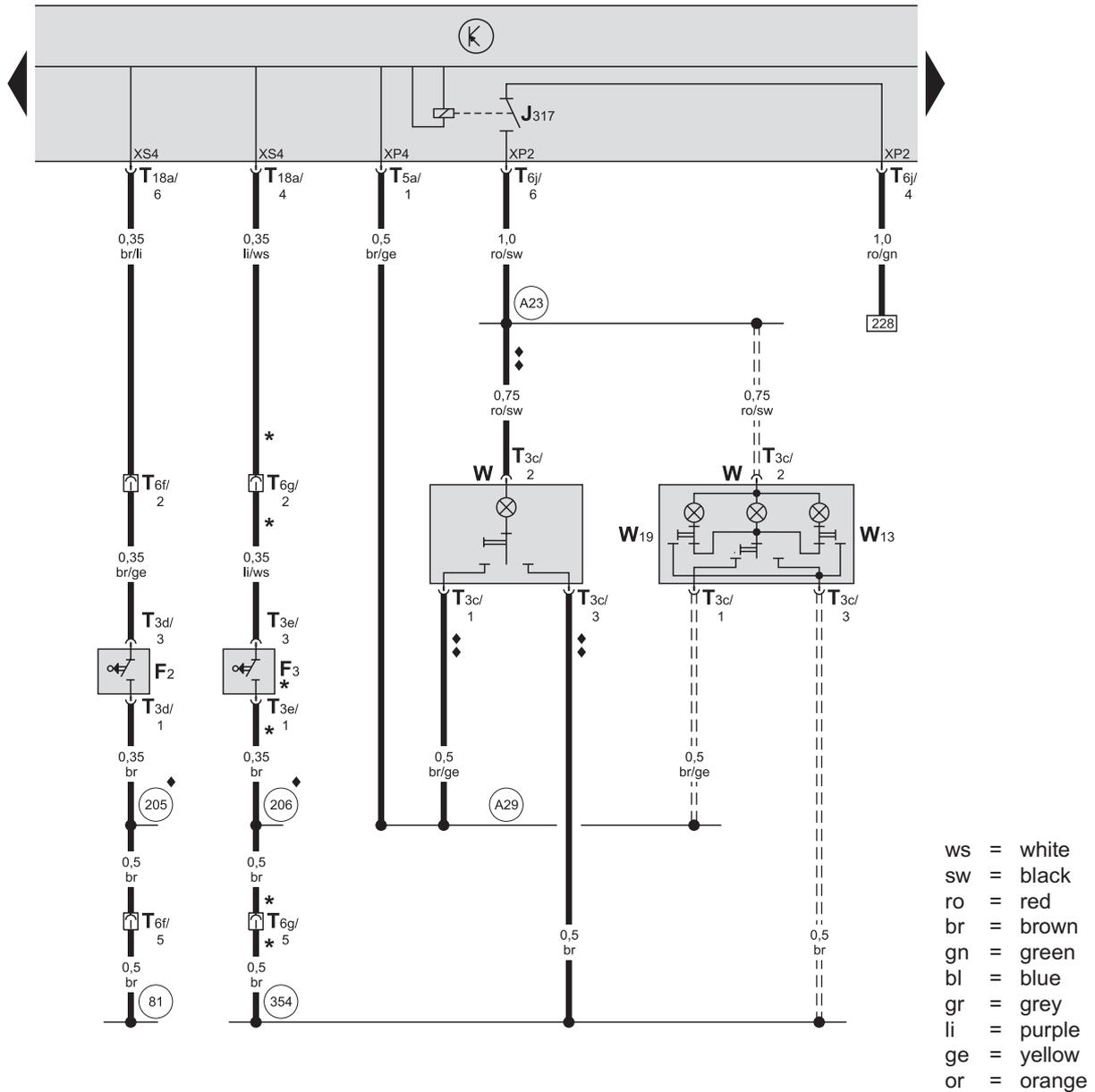
- E9 - Fresh air blower switch
- E159 - Fresh and recirculated air flap switch
- F268 - Heater element contact switch (PTC)
- J248 - Diesel direct injection system control unit
- J251 - Fresh/recirculating air flap control unit
- K114 - Fresh air and air recirculation operation warning lamp
- L16 - Fresh air control lighting
- N24 - Series resistor with overheating fuse
- T2u - 2-pin connector, at fresh air blower
- T4e - 4-pin connector, at fresh air blower series resistor
- T5h - 5-pin connector, at fresh air blower switch
- T6s - 6-pin connector, at fresh/recirculated air flap positioning motor
- T10c - 10-pin connector, behind dash panel on right
- T11c - 11-pin connector, at left of bulkhead (blue)
- T16c - 16-pin connector, at fresh air controls
- V2 - Fresh air blower
- V154 - Fresh and recirculated air flap motor

- (606) - Earth point, under the centre console, near gear stick
- (A11) - Positive connection (58b), in wiring loom behind dash panel
- (L13) - Positive connection (75a), in fresh air blower wiring loom

- * - Applies only to models with heating element (PTC)
- ◆ - does not apply to models with air conditioning

S97-4040

Front interior light, door contact switch (does not apply to models with central locking)

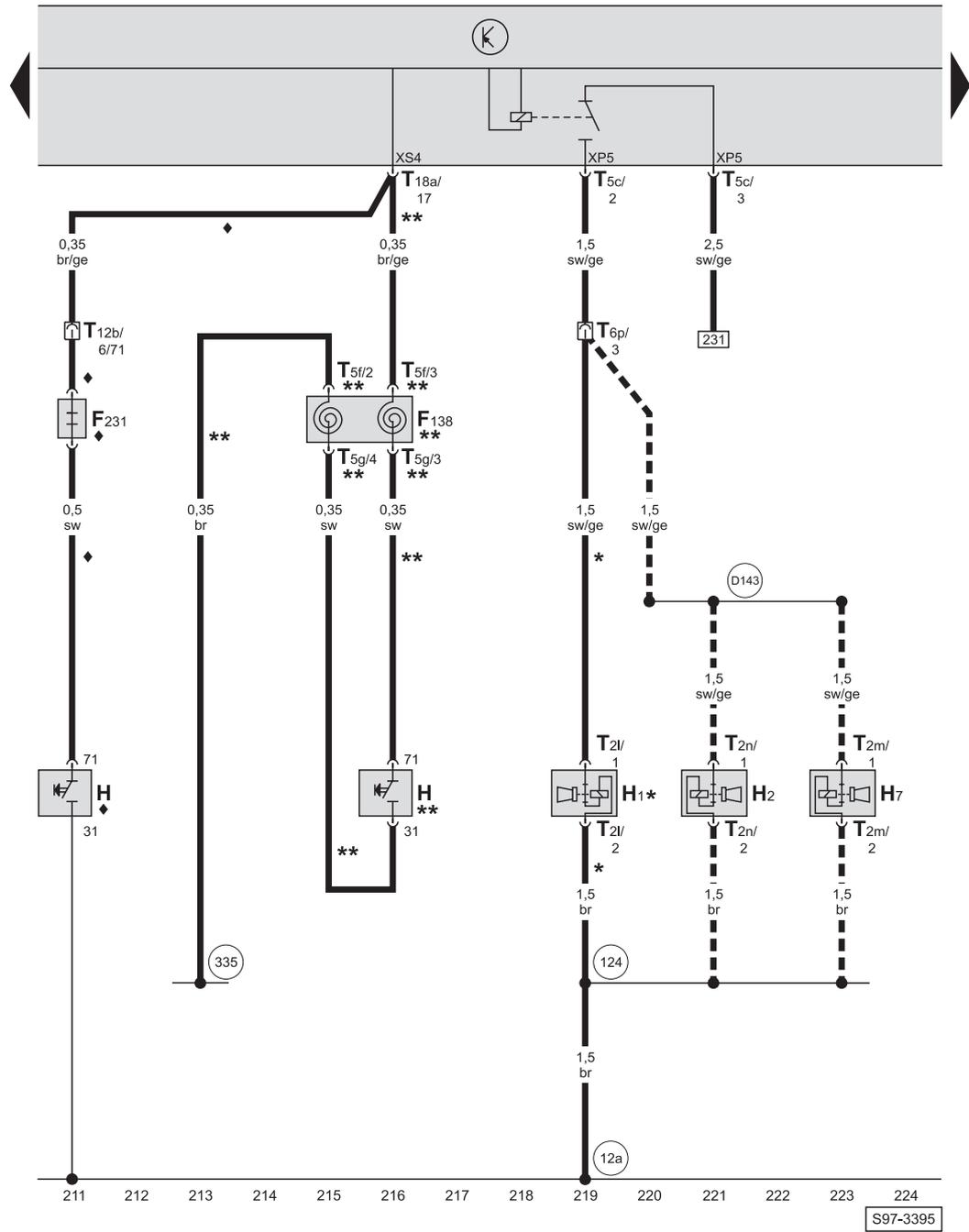


197 198 199 200 201 202 203 204 205 206 207 208 209 210
 S97-3394

- F2 - Driver's door contact switch
- F3 - Door contact switch, rear right
- J317 - Voltage supply relay terminal (30)
- T3c - 3-pin connector, at front interior light bulb
- T3d - 3-pin connector, at left front door contact switch
- T3e - 3-pin connector, at right front door contact switch
- T5a - 5-pin connector, at electrical system control unit (black)
- T6f - 6-pin connector, at left A pillar (brown)
- T6g - 6-pin connector, at right A pillar (brown)
- T6j - 6-pin connector, at electrical system control unit (brown)
- T18a - 18-pin connector, at electrical system control unit (brown)
- W - Interior light, front
- W13 - Front passenger's reading light
- W19 - Driver-side reading light

- 81 - Earth connection, in wiring harness behind dash panel
- 205 - Earth connection, in wiring harness of door assembly wiring driver side
- 206 - Earth connection, in door wiring loom - passenger side
- 354 - Earth connection, in wiring harness behind dash panel
- A23 - Positive connection (30a), in wiring loom behind dash panel
- A29 - Connection (interior light 31), in wiring loom behind dash panel
- * - not valid for vehicles Junior
- ◆ - Applies only to models with heated and adjustable exterior mirrors (without power windows)
- ◆◆ - Applies only to models without optional equipment
- === - Applies only to models with optional equipment

Horn



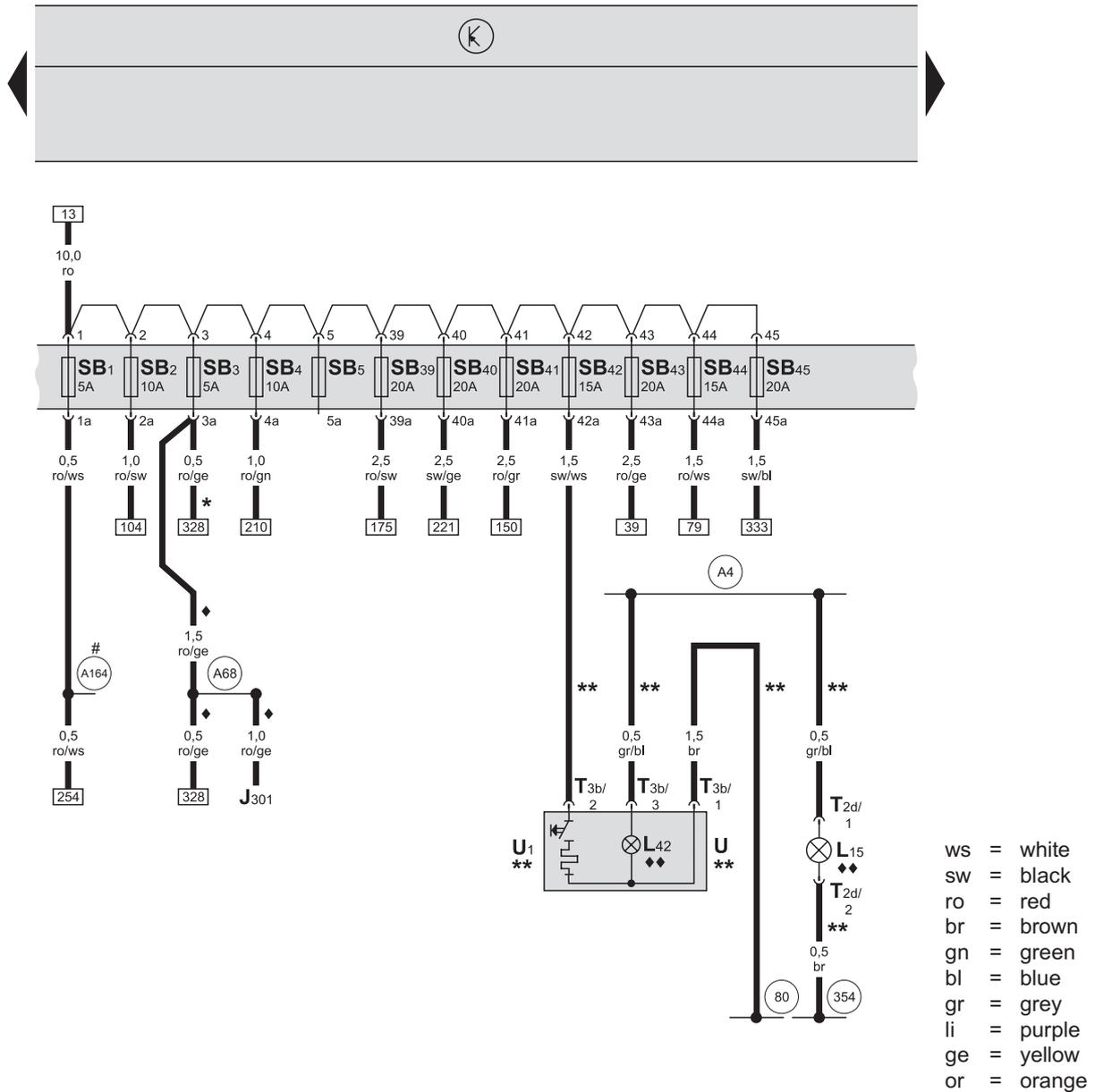
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange

- F138 - Airbag coil connector
- F231 - Horn operation slip contact
- H - Horn plate
- H1 - Horn
- H2 - High tone horn
- H7 - Low tone horn
- T2l - 2-pin connector, at horn
- T2m - 2-pin connector, at low tone horn
- T2n - 2-pin connector, at high tone horn
- T5c - 5-pin connector, at electrical system control unit (brown)
- T5f - 5-pin connector, at airbag coil connector in steering wheel
- T5g - 5-pin connector, in steering wheel
- T6p - 6-pin connector, at left of bulkhead (red)
- T12b - 12-pin connector, at manual dipper switch
- T18a - 18-pin connector, at electrical system control unit (brown)

- 12a - Earth point -2-, in engine compartment, on left below battery (at side member)
- 124 - Earth connection, in engine compartment wiring harness
- 335 - Earth connection, in wiring harness behind dash panel
- D143 - Connection (71), in left engine compartment wiring loom
- * - Applies only to models without optional equipment
- ** - Applies only to models with airbag
- ♦ - Applies only to models without airbag
- - Applies only to models with optional equipment

S97-3395

Socket, cigarette lighter, ashtray illumination, glove box light, fuse holder



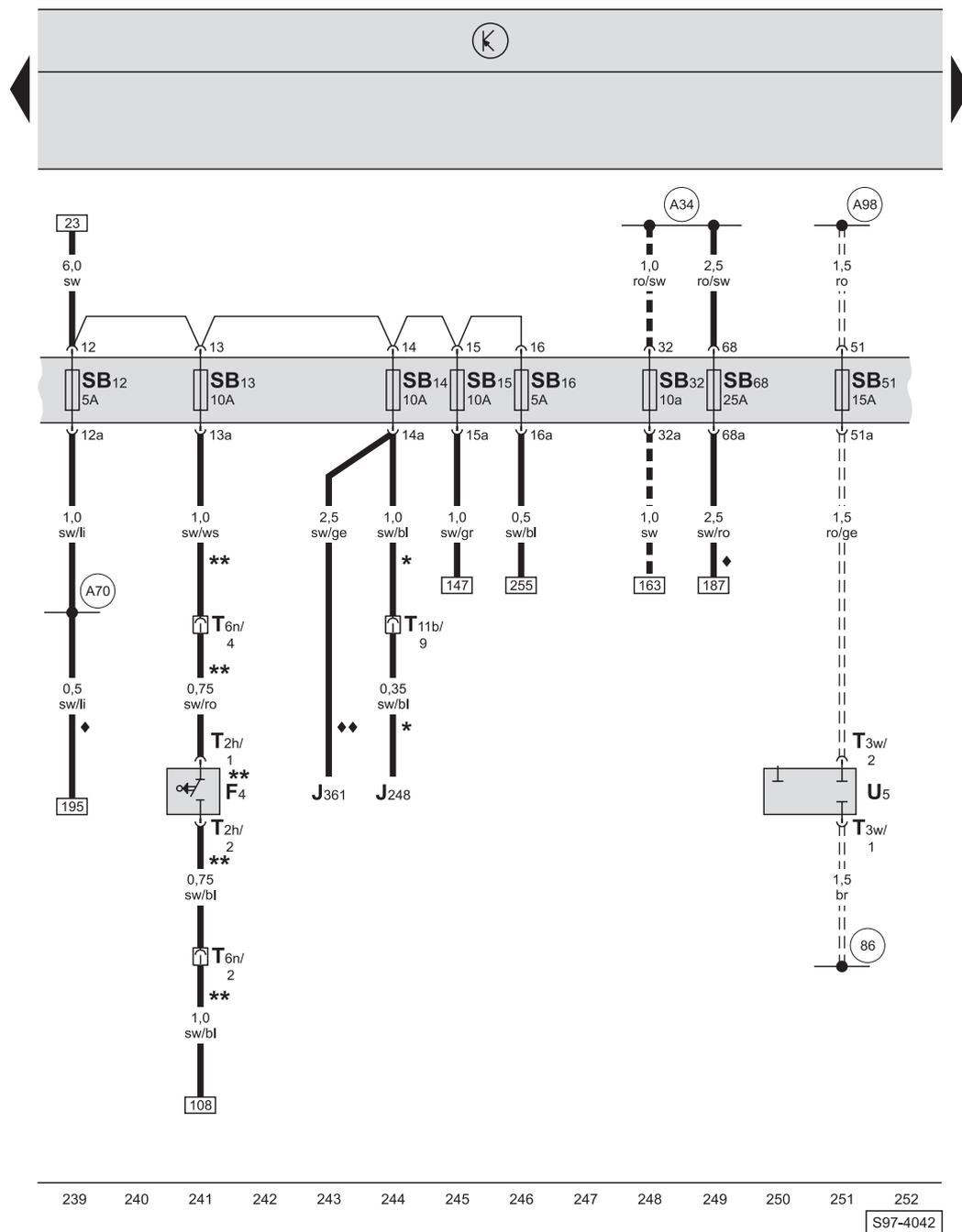
225 226 227 228 229 230 231 232 233 234 235 236 237 238
 S97-4041

- J301 - AC control unit
- L15 - Earth point, at cylinder head
- L42 - Electric socket illumination bulb
- T2d - 2-pin connector, at bulb for ashtray illumination
- T3b - 3-pin connector, at socket
- U - Socket
- U1 - Cigarette lighter

- 80 - Earth connection, in wiring harness behind dash panel
- 354 - Earth connection, in wiring harness behind dash panel
- A4 - Positive connection (58b), in wiring loom behind dash panel
- A68 - Positive connection (30a, AC), in wiring loom behind dash panel
- A164 - Positive connection (30a), in wiring loom behind dash panel

- * - does not apply to models with air conditioning
- ** - not valid for vehicles Junior
- ◆ - Applies only to models with air conditioning
- ◆◆ - not valid for vehicles Junior und Classic
- # - Applies only to models with ESP

Reversing lights switch, luggage compartment socket, fuse holder



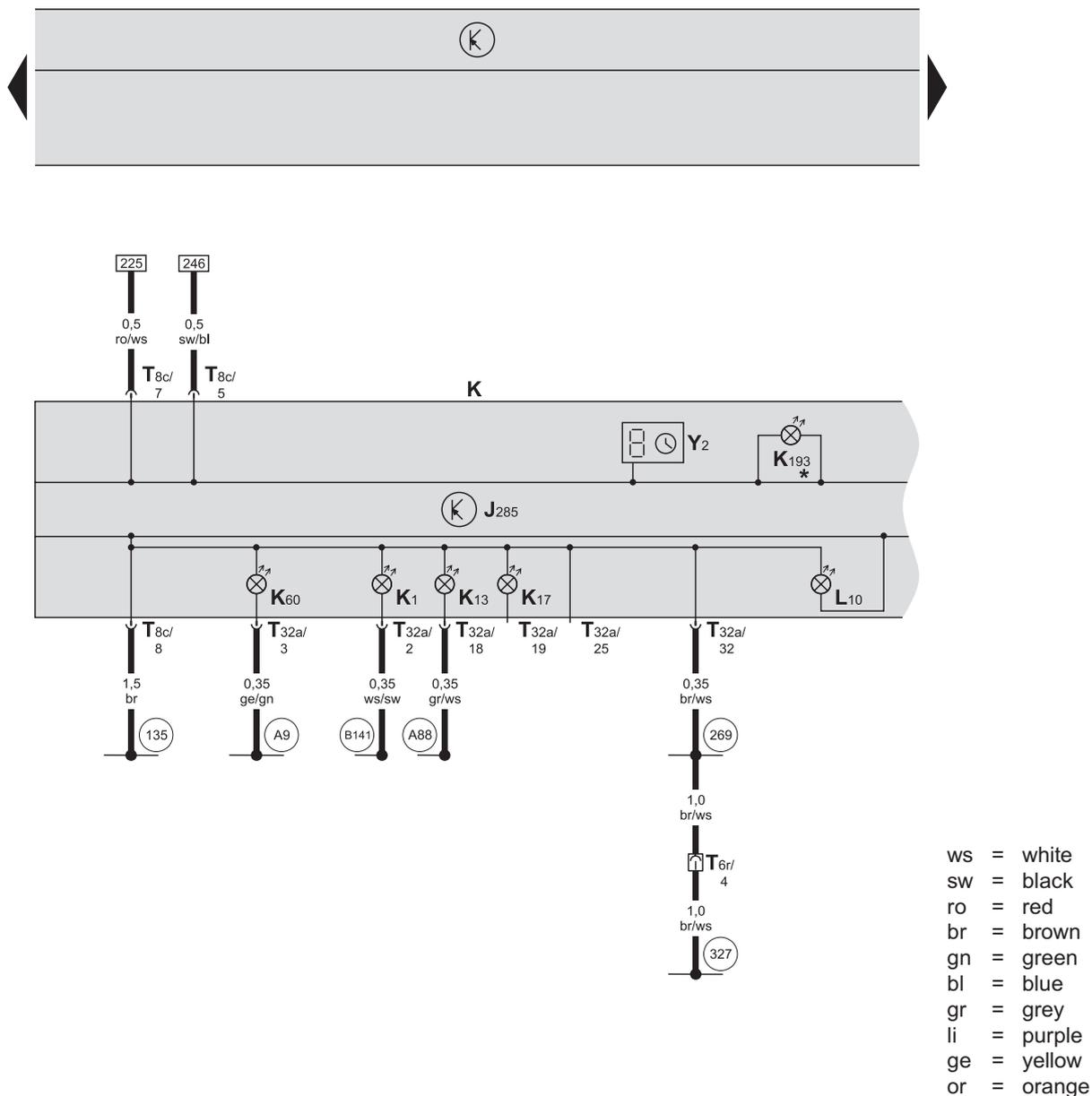
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange

- F4 - Reversing light switch
- J248 - Diesel direct injection system control unit
- J361 - Simos control unit
- T2h - 2-pin connector, at reversing light switch
- T3w - Plug connection, 3-pin, at 12 V socket, in luggage compartment
- T6n - 6-pin connector, at left of bulkhead (blue)
- T11b - 11-pin connector, at left of bulkhead (red)
- U5 - 12 V socket, in luggage compartment

- 86 - Earth connection -1-, in rear interior wiring loom
- A34 - Positive connection (75x), in wiring loom behind dash panel
- A70 - Positive connection (15a), in wiring loom behind dash panel
- A98 - Positive connection (30a), in wiring loom behind dash panel (applies only to models with telephone system)

- * - Applies only to engine codes AMF, ASY, ATD, ASZ
- ** - Does not apply to models with automatic gearbox
- ♦ - does not apply to models with air conditioning
- ♦♦ - applies only to engine codes AZQ
- = = = - applies only to Combi and Notchback models
- ■ ■ - does not apply to Notchback models

Dash panel insert, control unit in dash panel insert, warning lights, digital clock



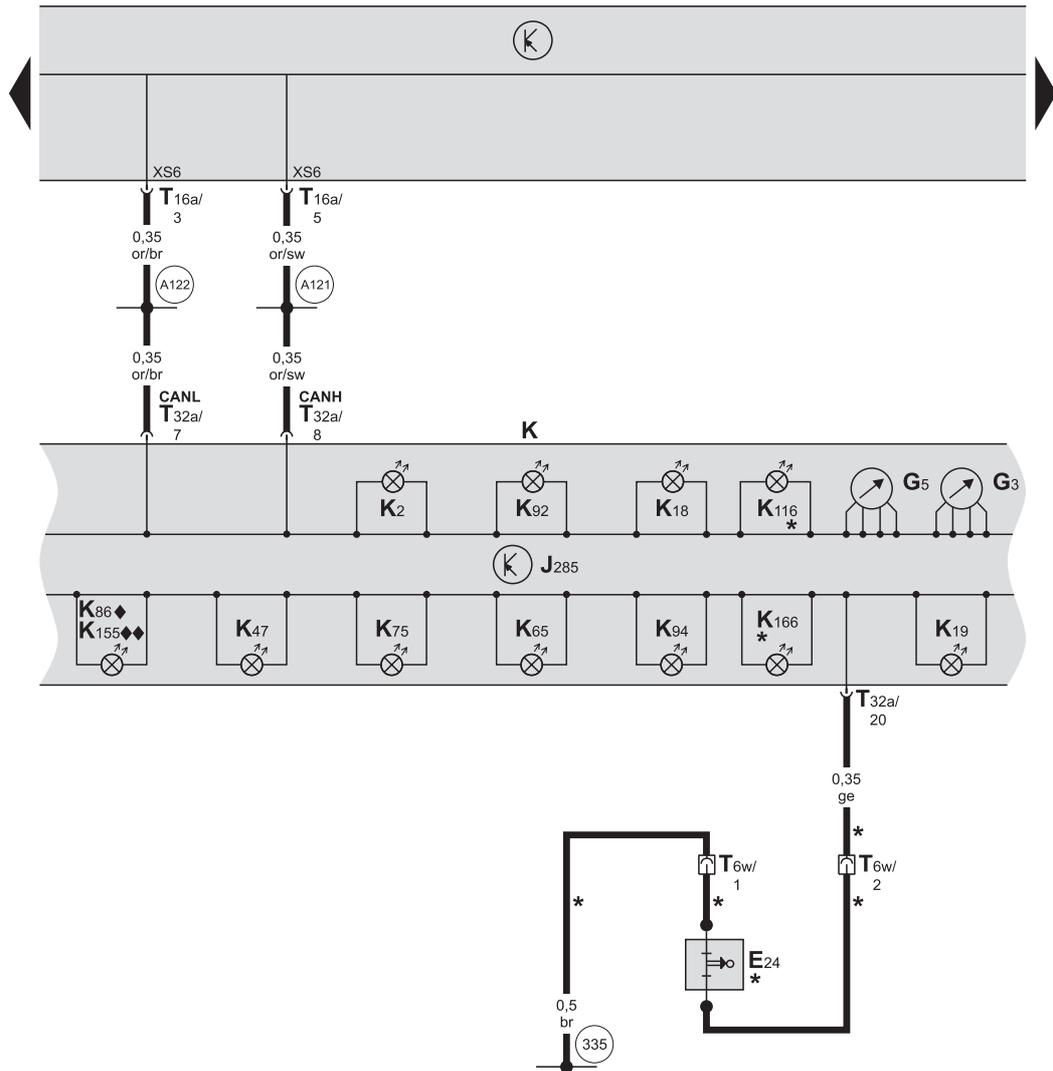
253 254 255 256 257 258 259 260 261 262 263 264 265 266
 S97-4043

- J285 - Control unit in dash panel insert
- K - Dash panel insert
- K1 - Main beam warning lamp
- K13 - Rear fog light warning lamp
- K17 - Fog light warning lamp
- K60 - Dipped beam and rear lights warning lamp
- K193 - Rear seat backrest lock warning lamp
- L10 - Dash panel insert illumination bulb
- T6r - 6-pin connector, at left of bulkhead (brown)
- T8c - 8-pin connector, at dash panel insert
- T32a - 32-pin connector, at dash panel insert
- Y2 - Digital clock

- 135 - Earth connection, in wiring harness behind dash panel
- 269 - Earth connection (sender earth) -1-, in wiring harness behind dash panel
- 327 - Earth connection (sender earth), in engine compartment wiring harness
- A9 - Connection (56b), in wiring loom behind dash panel
- A88 - Connection (NSL), in wiring loom behind dash panel
- B141 - Connection (56aL), in wiring loom behind dash panel

* - Applies only to models with optional equipment

Dash panel insert, control unit in dash panel insert, warning lights, coolant temperature gauge, rev counter, driver side seat belt switch



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

267 268 269 270 271 272 273 274 275 276 277 278 279 280

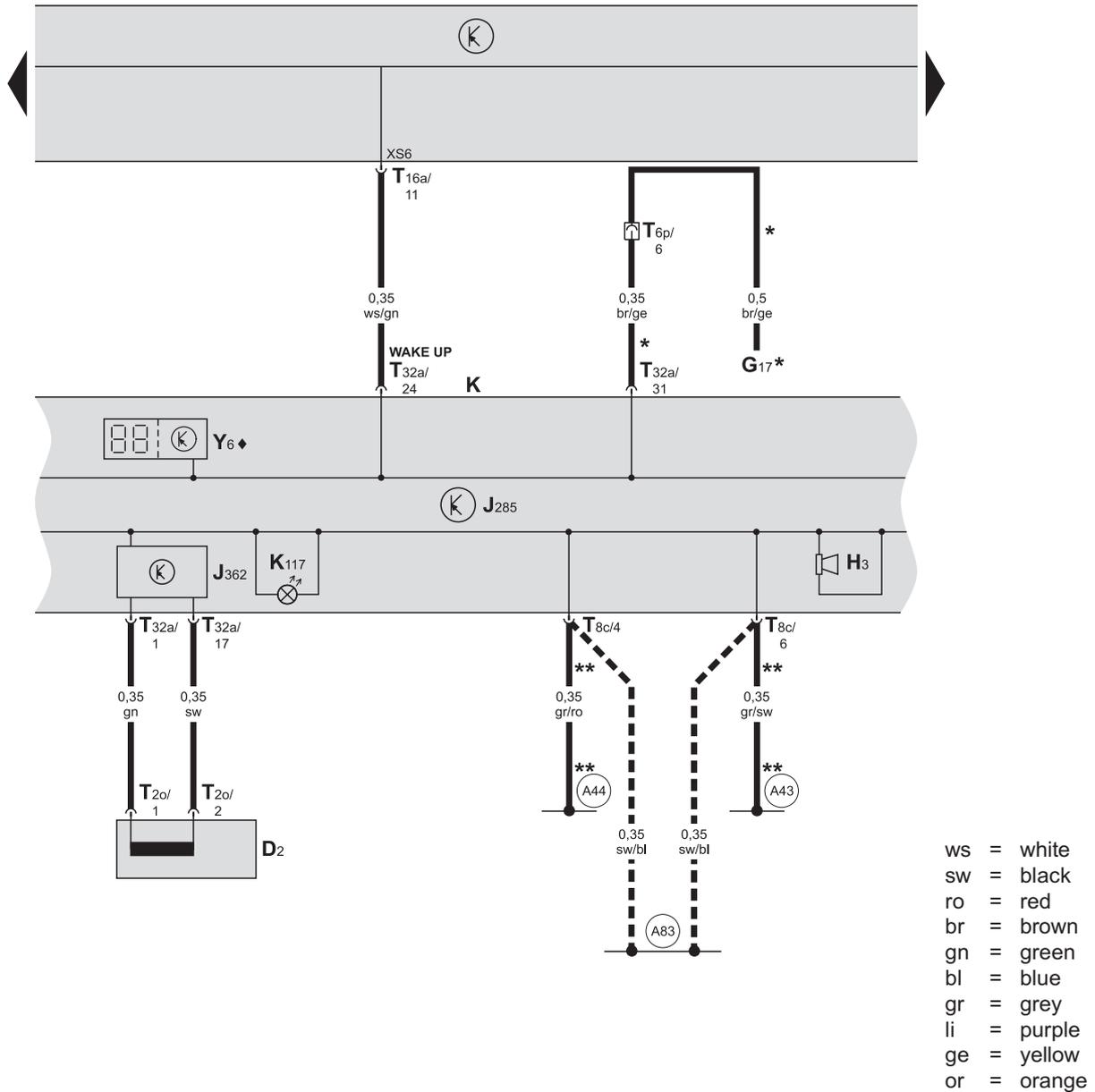
S97-2045

- E24 - Driver side seat belt switch
- G3 - Coolant temperature gauge
- G5 - Rev counter
- J285 - Control unit in dash panel insert
- K - Dash panel insert
- K2 - Generator warning lamp
- K18 - Trailer operation warning lamp
- K19 - Seat belt warning system warning lamp
- K47 - ABS warning lamp
- K65 - Turn signal warning lamp, left
- K75 - Airbag warning lamp
- K86 - Traction control system warning lamp
- K92 - Servotronic warning lamp
- K94 - Turn signal warning lamp, right
- K116 - Tailgate unlocked warning light
- K155 - Warning lamp for stability programme
- K166 - Door open warning light
- T6w - 6-pin connector, below driver seat (red)
- T16a - 16-pin connector, at electrical system control unit (black)
- T32a - 32-pin connector, at dash panel insert

- (335) - Earth connection, in wiring harness behind dash panel
- (A121) - Connection (CAN-H), in wiring loom behind dash panel on
- (A122) - Connection (CAN-L), in wiring loom behind dash panel

- * - Applies only to models with optional equipment
- ◆ - Applies only to models with TCS
- ◆◆ - Applies only to models with ESP

Immobiliser, dash panel insert, control unit in dash panel insert, warning lights, buzzer/gong



281 282 283 284 285 286 287 288 289 290 291 292 293 294

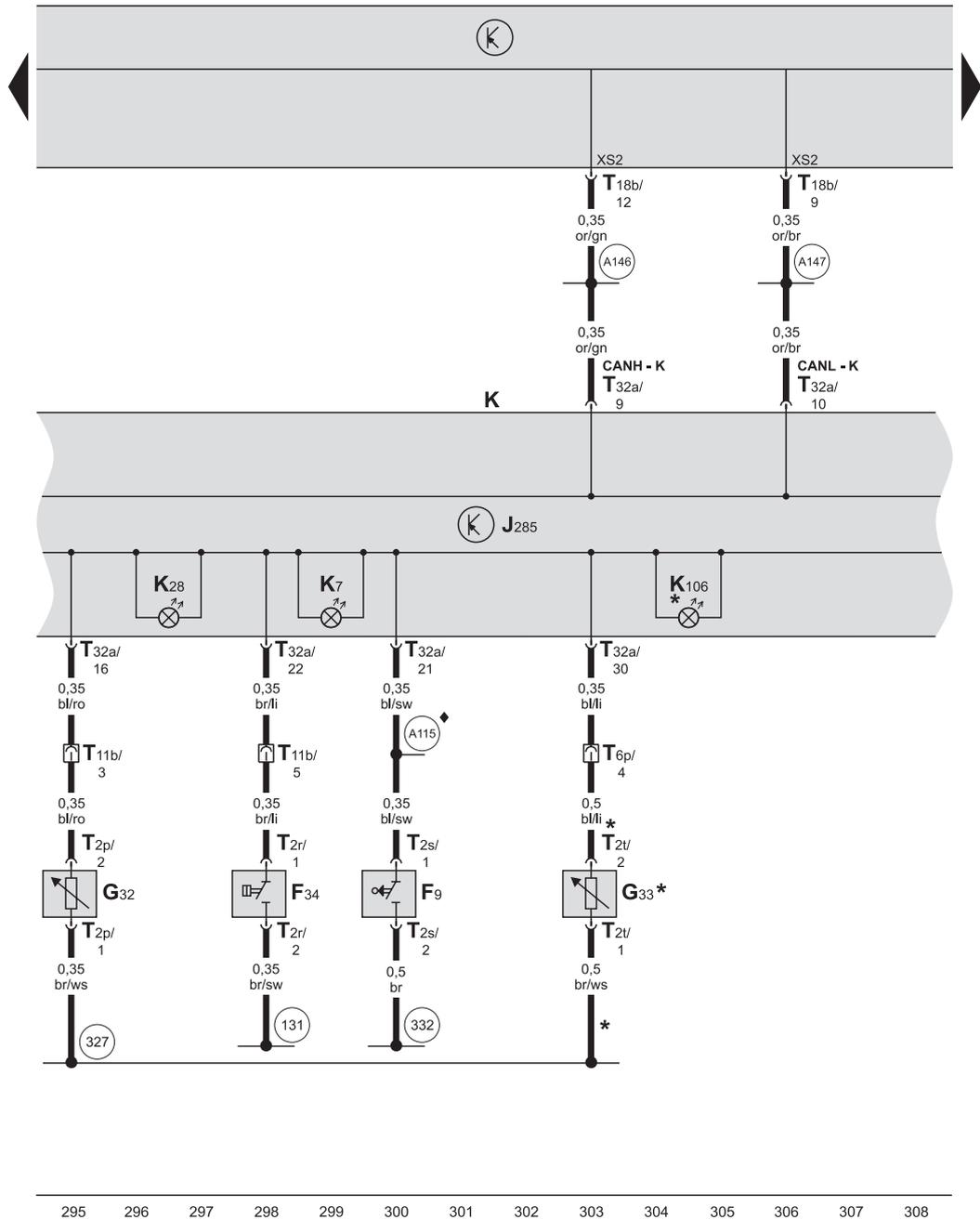
S97-3399

- D2 - Immobiliser reader coil (at ignition/starter switch)
- G17 - Ambient temperature sensor
- H3 - Buzzer/gong
- J285 - Control unit in dash panel insert
- J362 - Immobiliser control unit
- K - Dash panel insert
- K117 - Immobiliser warning lamp
- T2o - 2-pin connector, at immobiliser reader coil
- T8c - 8-pin connector, at dash panel insert
- T16a - 16-pin connector, at electrical system control unit (black)
- T32a - 32-pin connector, at dash panel insert
- Y6 - Selector lever position indicator

- (A43) - Connection (57L), in wiring loom behind dash panel
- (A44) - Connection (57R), in wiring loom behind dash panel
- (A83) - Connection (58, daytime running lights), in wiring loom behind dash panel on left

- * - Applies only to models with multifunction display
- ** - Does not apply to models with daytime running lights
- ◆ - Applies only to models with automatic gearbox
- - Applies only to models with daytime running lights

Dash panel insert, control unit in dash panel insert, warning lights, handbrake indicator switch, brake fluid level warning contact, low coolant level indicator sender, windscreen washer fluid level sender



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

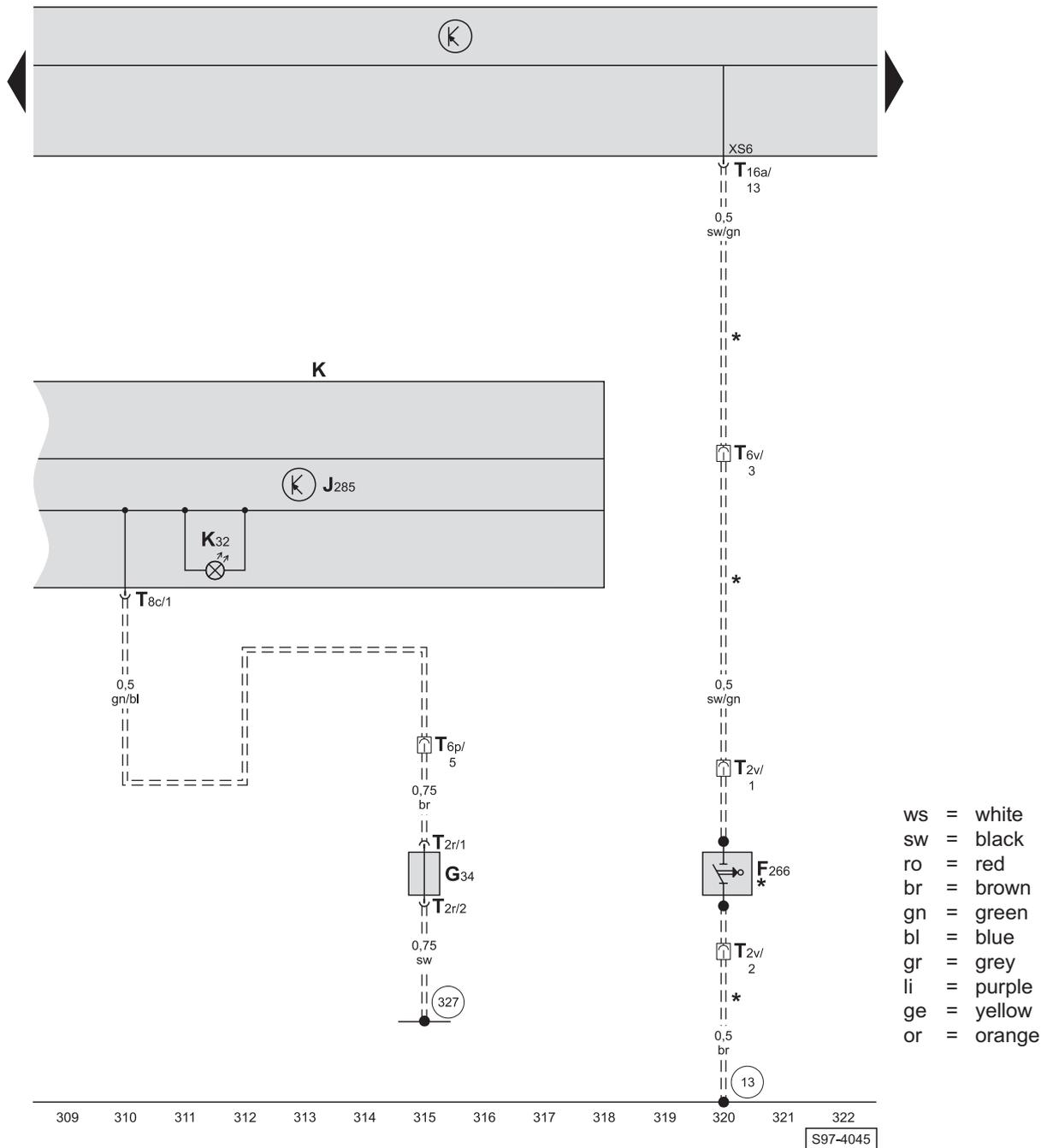
S97-4044

- F9 - Handbrake warning switch
- F34 - Brake fluid level warning contact
- G32 - Coolant shortage indicator sender
- G33 - Windscreen washer fluid level sender
- J285 - Control unit in dash panel insert
- K - Dash panel insert
- K7 - Twin circuit brake and handbrake warning lamp
- K28 - Coolant temperature/coolant shortage warning lamp
- K106 - Washer water shortage warning lamp
- T2p - 2-pin connector, at low coolant level indicator sender
- T2r - 2-pin connector, at brake fluid level warning contact
- T2s - 2-pin connector, at handbrake indicator switch
- T2t - 2-pin connector, at windscreen washer fluid level sender
- T6p - 6-pin connector, at left of bulkhead (red)
- T11b - 11-pin connector, at left of bulkhead (red)
- T18b - 18-pin connector, at electrical system control unit (black)
- T32a - 32-pin connector, at dash panel insert

- 131 - Earth connection -2-, in engine compartment wiring harness
- 327 - Earth connection (sender earth), in engine compartment wiring harness
- 332 - Earth connection, in wiring harness behind dash panel
- A115 - Connection (handbrake indicator), in wiring loom behind dash panel
- A146 - Connection (CAN-H, convenience), in wiring loom behind dash panel
- A147 - Connection (CAN-L, convenience), in wiring loom behind dash panel

- * - Applies only to models with optional equipment
- ◆ - Applies only to models with ESP

Dash panel insert, control unit in dash panel insert, warning lights, bonnet contact switch, brake pad wear sender



- F266 - Vermin repellent system contact switch
- G34 - Left front brake wear indicator sender
- J285 - Control unit in dash panel insert
- K - Dash panel insert
- K32 - Brake pad warning lamp
- T2r - Connector, 2-pin, at front left brake pad wear sender
- T2v - 2-pin connector, at bonnet contact switch
- T6p - 6-pin connector, at left of bulkhead (red)
- T6v - 6-pin connector, at left of bulkhead (green)
- T8c - 8-pin connector, at dash panel insert
- T16a - 16-pin connector, at electrical system control unit (black)

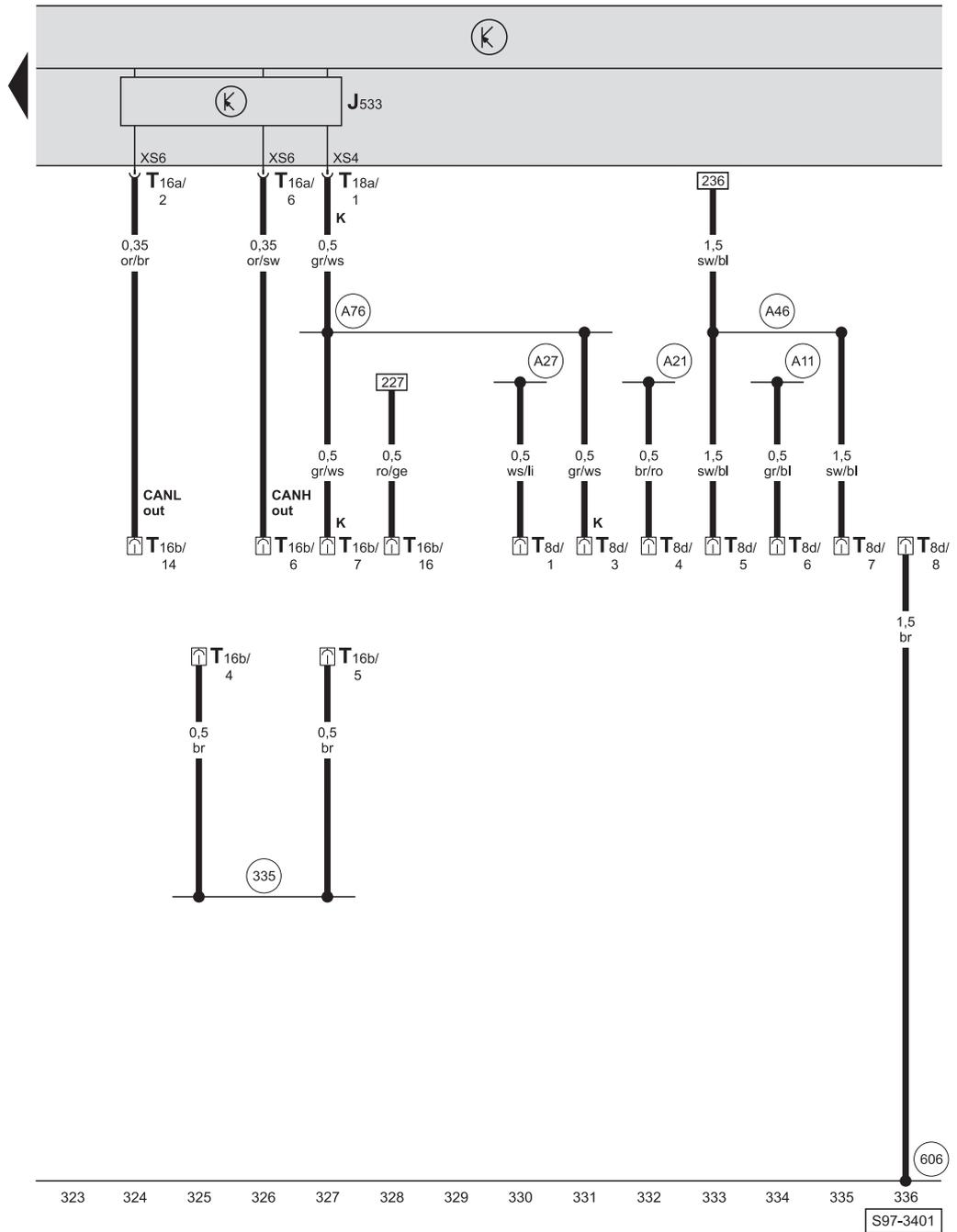
13 - Earth point, in front right of engine compartment

327 - Earth connection (sender earth), in engine compartment wiring harness

* - does not apply to models with anti-theft alarm system

=== - applies only to models with extended service interval (ESI)

Plug connection for radio or navigation system control unit, plug connection for diagnostic socket, databus diagnostic interface (Gateway)



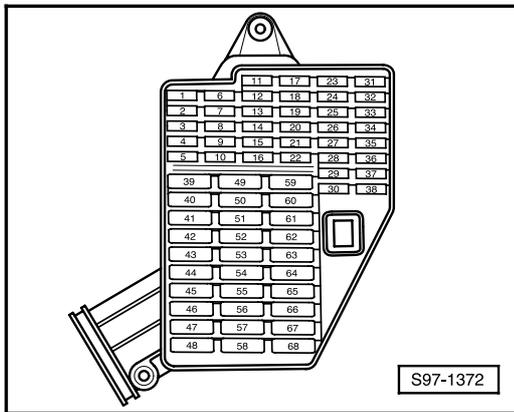
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange

- J533 - Databus diagnostic interface (Gateway)
- T8d - 8-pin connector, for radio or navigation system control unit (black)
- T16a - 16-pin connector, at electrical system control unit (black)
- T16b - 16-pin connector, in glove box on driver's side (diagnosis connection)
- T18a - 18-pin connector, at electrical system control unit (brown)

- 335 - Earth connection, in wiring harness behind dash panel
- 606 - Earth point, under the centre console, near gear stick
- A11 - Positive connection (58b), in wiring loom behind dash panel
- A21 - Positive connection (86s), in wiring loom behind dash panel
- A27 - Connection (vehicle speed signal), in wiring loom behind dash panel
- A46 - Positive connection (30 - from radio), in wiring loom behind dash panel
- A76 - Connection (K diagnosis wire), in wiring loom behind dash panel on left

1.2 I - Simos 3 Unit Injection/40 kW, engine code AWY, from August 2003

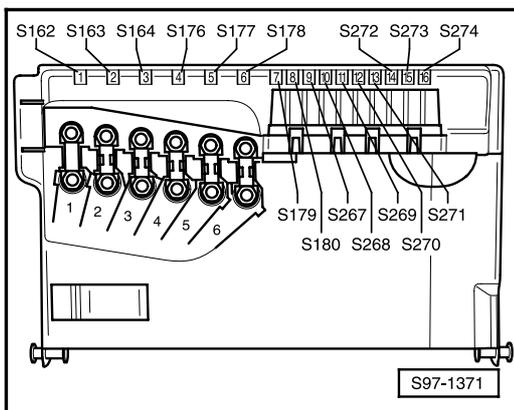
Fuse holder:



Fuse colours

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

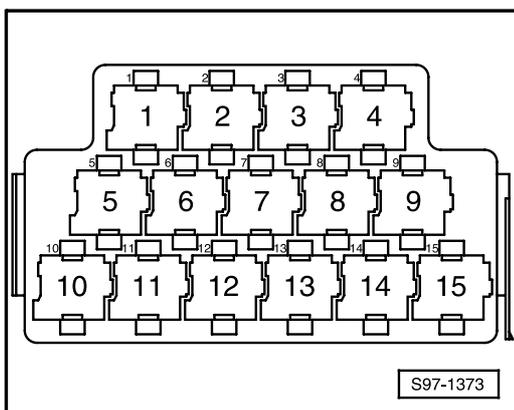
Fuse holder on battery:



Fuse colours

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

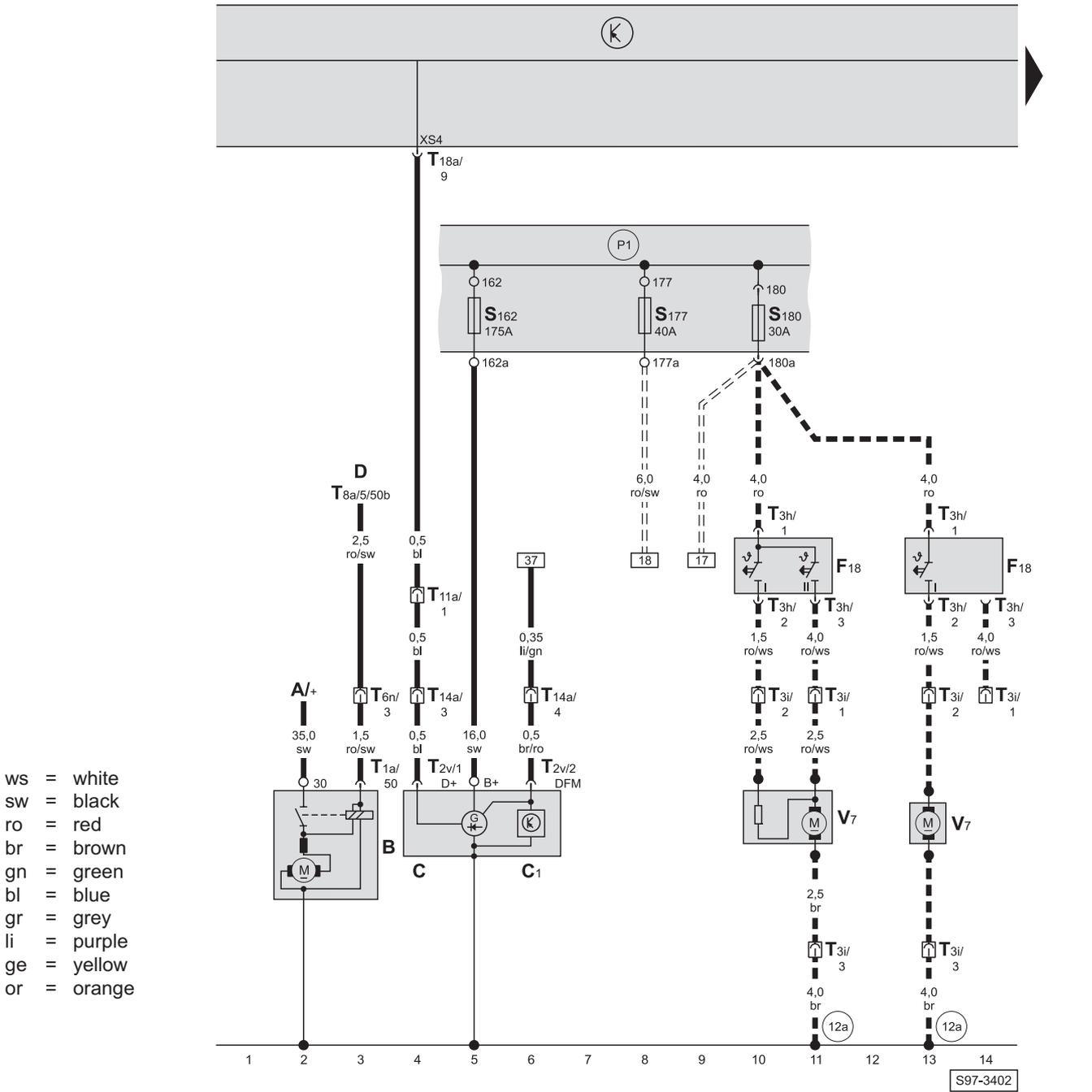
Relay holder:



Relay position assignment

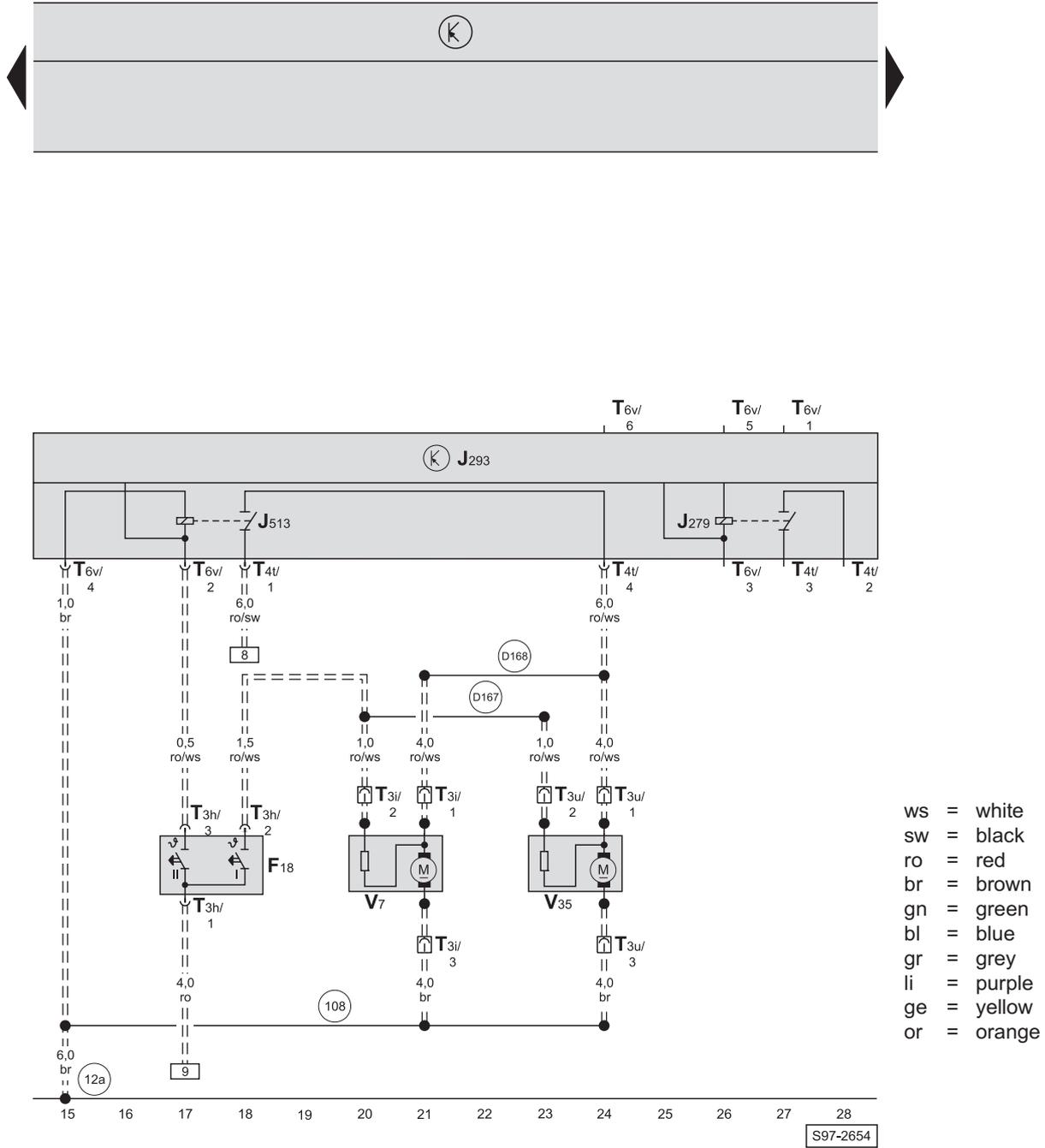
- 4** - Fuel pump relay
- 12** - Simos power supply relay

Starter, alternator, fuse holder on battery, radiator fan (models not fitted with trailer coupling)



S97-3402

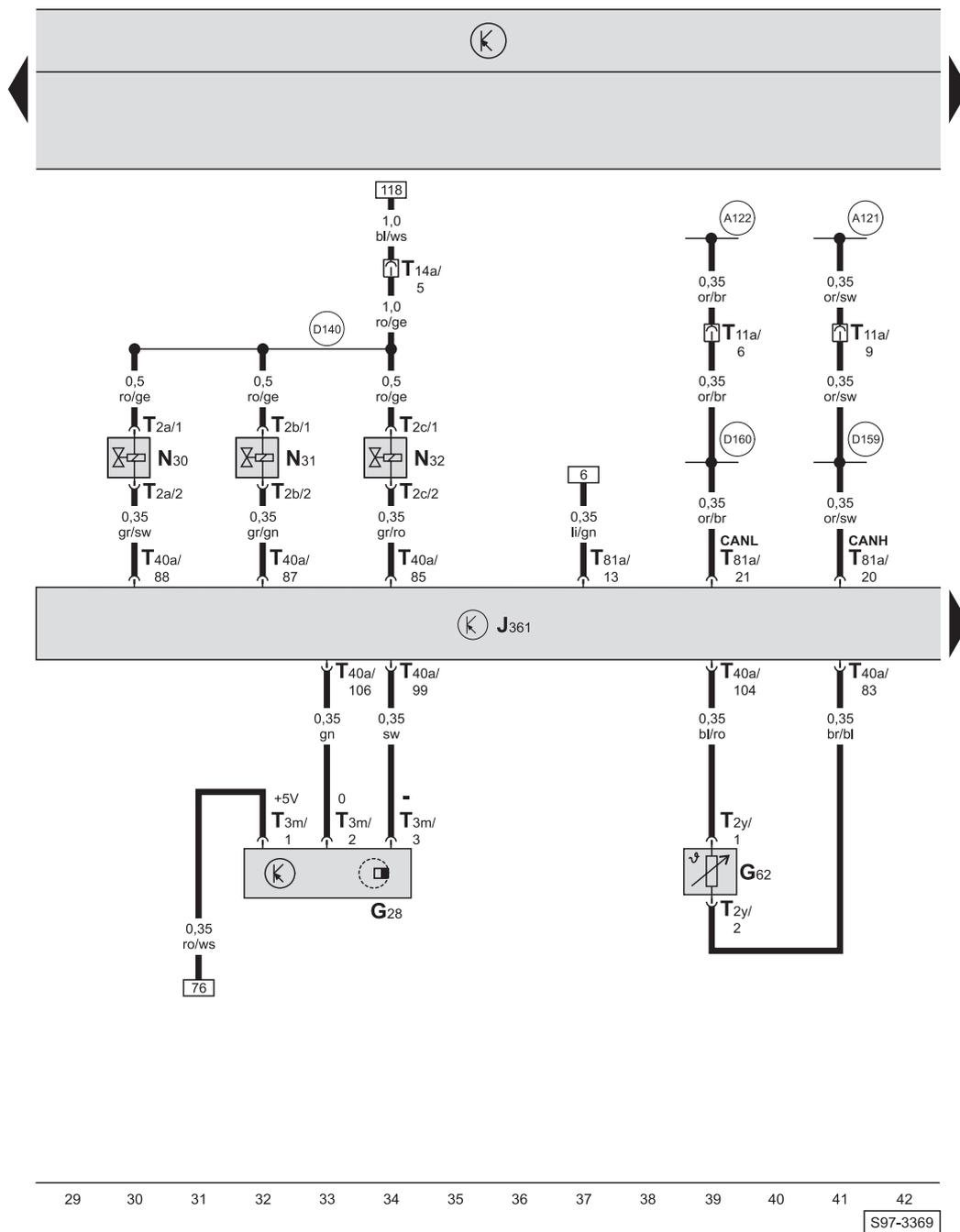
Radiator fan control unit, radiator fan thermostats, radiator fan (models fitted with trailer coupling)



- F18 - Radiator fan thermostat
- J279 - Radiator fan relay, stage 1
- J293 - Radiator fan control unit
- J513 - Radiator fan relay, stage 2
- T3h - 3-pin connector, at radiator fan thermostat
- T3i - 3-pin connector, in bracket on left of radiator
- T3u - 3-pin connector, in bracket on left of radiator
- T4t - 4-pin connector, at radiator fan control unit
- T6v - 6-pin connector, at radiator fan control unit
- V7 - Radiator fan
- V35 - Radiator fan, right

- 12a - Earth point -2-, in engine compartment, on left below battery (at side member)
- 108 - Earth connection, in front left wiring harness
- D167 - Connection (fan stage 1), in engine compartment wiring loom
- D168 - Connection (fan stage 2), in engine compartment wiring loom
- === - does not apply to models fitted with air conditioning or not fitted with trailer coupling

Simos control unit, injectors, engine speed sender, coolant temperature sender



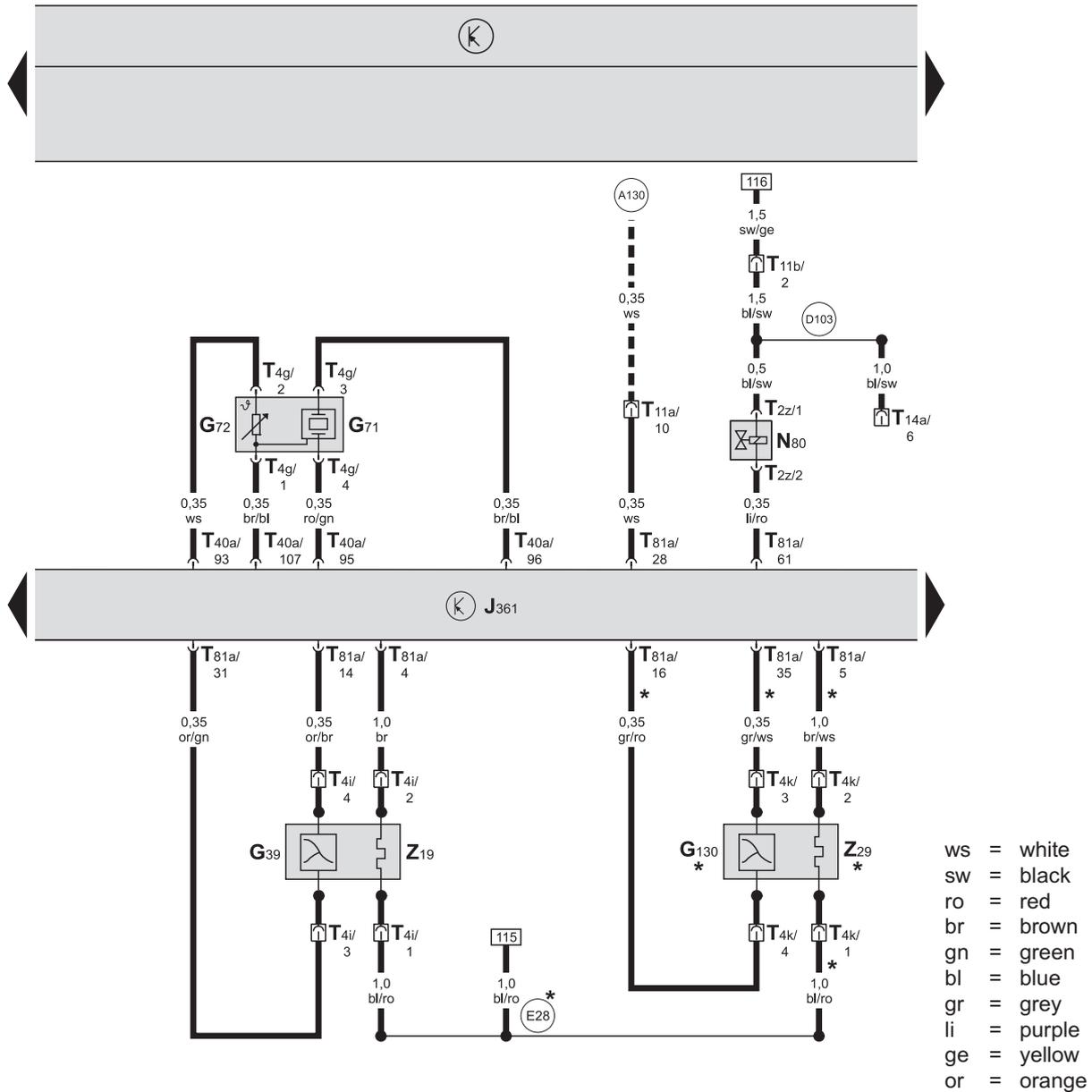
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange

- G28 - Engine speed sender
- G62 - Coolant temperature sender
- J361 - Simos control unit
- N30 - Injector cylinder 1
- N31 - Injector cylinder 2
- N32 - Injector cylinder 3
- T2a - 2-pin connector, at injector cylinder 1
- T2b - 2-pin connector, at injector cylinder 2
- T2c - 2-pin connector, at injector cylinder 3
- T2y - 2-pin connector, at coolant temperature sender
- T3m - 3-pin connector, at engine speed sender
- T11a - 11-pin connector, at left of bulkhead (white)
- T14a - Connector, 14-pin, in left of engine compartment (connection of the engine pre-assembly wiring loom/engine compartment wiring loom)
- T40a - 40-pin connector, at engine control unit
- T81a - 81-pin connector, at engine control unit

- (A121) - Connection (CAN-H), in wiring loom behind dash panel on
- (A122) - Connection (CAN-L), in wiring loom behind dash panel
- (D140) - Connection (injectors), in engine assembly wiring loom
- (D159) - Connection (CAN-H), in engine compartment wiring loom
- (D160) - Connection (CAN-L), in engine compartment wiring loom

S97-3369

Simos control unit, lambda probe, lambda probe downstream of catalytic converter, intake manifold pressure and intake manifold temperature sender, activated charcoal filter system solenoid valve



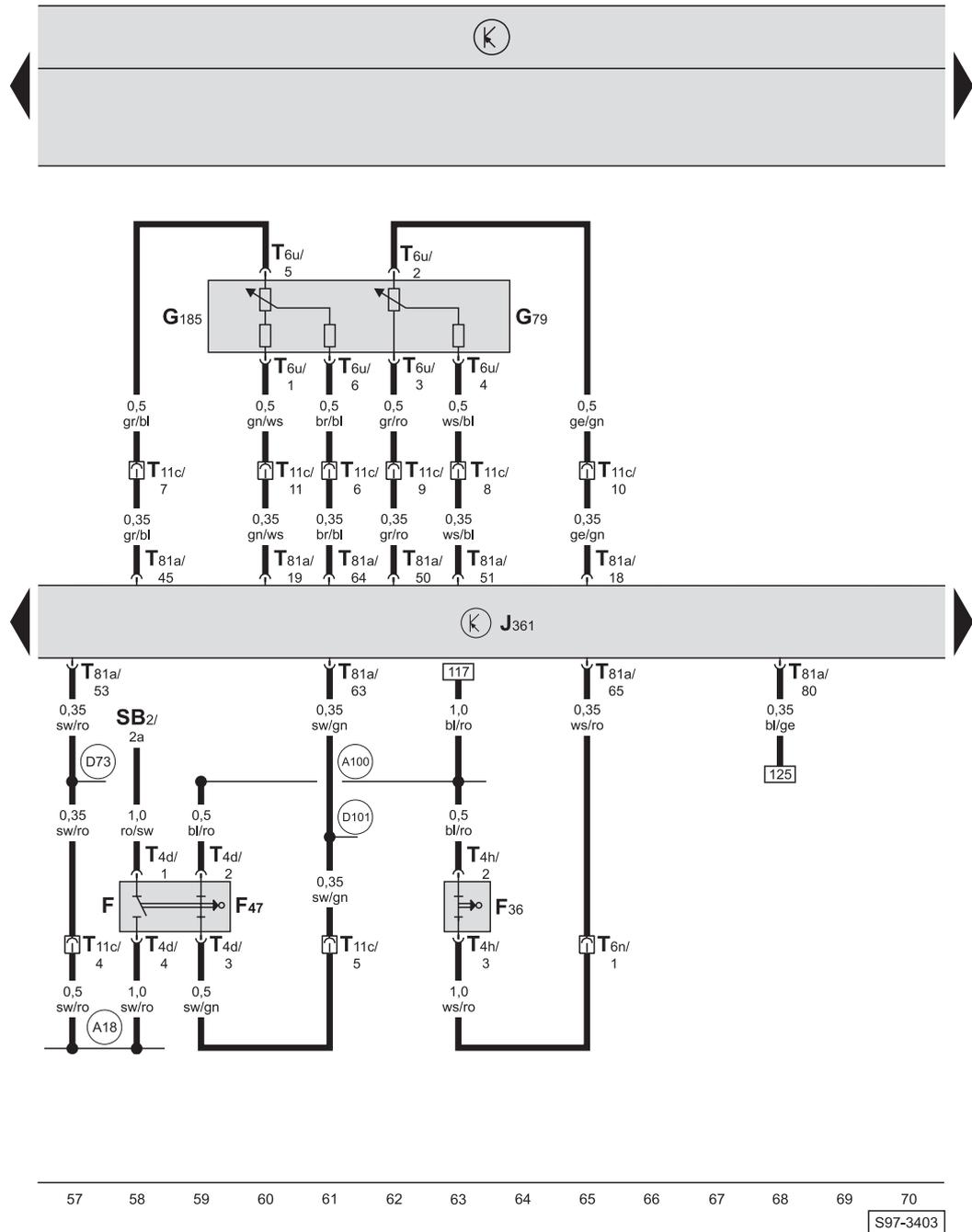
43 44 45 46 47 48 49 50 51 52 53 54 55 56
S97-4046

- G39 - Lambda probe
- G71 - Intake manifold pressure sender
- G72 - Intake manifold temperature sender
- G130 - Lambda probe downstream of catalytic converter
- J361 - Simos control unit
- N80 - Activated charcoal filter system solenoid valve
- T2z - 2-pin connector, at activated charcoal filter system solenoid valve
- T4g - 4-pin connector, at intake manifold pressure and intake manifold temperature sender
- T4i - 4-pin connector, close to lambda probe
- T4k - Connector, 4-pin, close to lambda probe downstream of catalytic converter
- T11a - 11-pin connector, at left of bulkhead (white)
- T11b - 11-pin connector, at left of bulkhead (red)
- T14a - Connector, 14-pin, in left of engine compartment (connection of the engine pre-assembly wiring loom/ engine compartment wiring loom)
- T40a - 40-pin connector, at engine control unit
- T81a - 81-pin connector, at engine control unit
- Z19 - Lambda probe heater
- Z29 - Lambda probe heater downstream of catalytic converter

- (A130) - Connection (CCS), in wiring loom behind dash panel on left
- (D103) - Connection -3- (87a), in engine compartment wiring loom
- (E28) - Connection (lambda probe heater), in engine compartment wiring loom

- * - not valid for EU-2 DDK
- ■ ■ - Applies only to models with CCS

Simos control unit, accelerator pedal position sender, brake pedal switch, clutch pedal switch



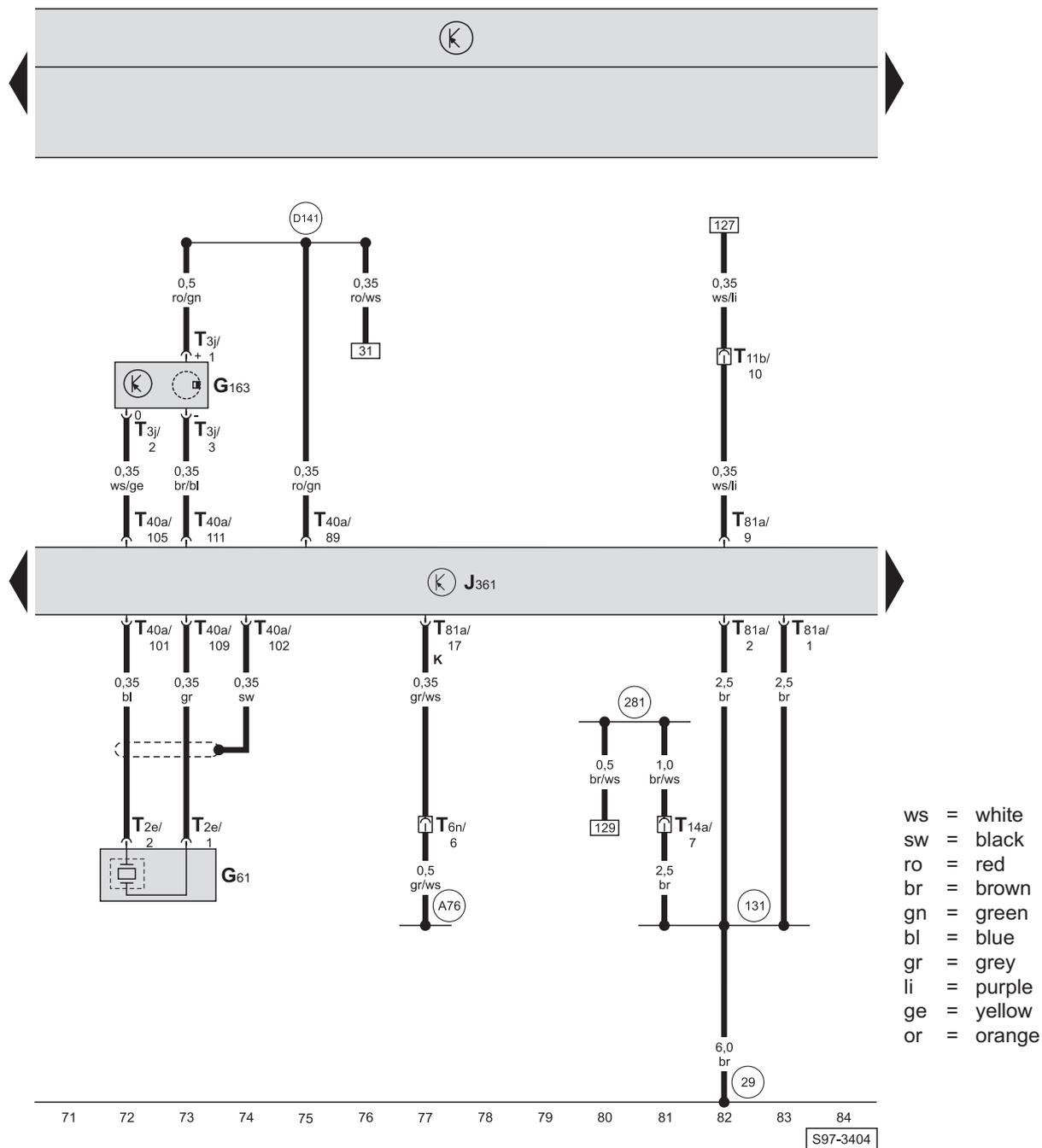
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange

- F - Brake light switch
- F36 - Clutch pedal switch
- F47 - Brake pedal switch
- G79 - Accelerator position sender
- G185 - Accelerator pedal position sender -2-
- J361 - Simos control unit
- SB2 - Fuse, in fuse holder
- T4d - 4-pin connector, at brake pedal switch
- T4h - 4-pin connector, at clutch pedal switch
- T6n - 6-pin connector, at left of bulkhead (blue)
- T6u - 6-pin connector, at accelerator pedal position sender
- T11c - 11-pin connector, at left of bulkhead (blue)
- T81a - 81-pin connector, at engine control unit

- (A18) - Connection (54), in wiring loom behind dash panel
- (A100) - Connection (87a), in wiring loom behind dash panel
- (D73) - Connection (54), in left of engine compartment wiring loom
- (D101) - Connection (brake pedal switch), in engine compartment wiring loom

S97-3403

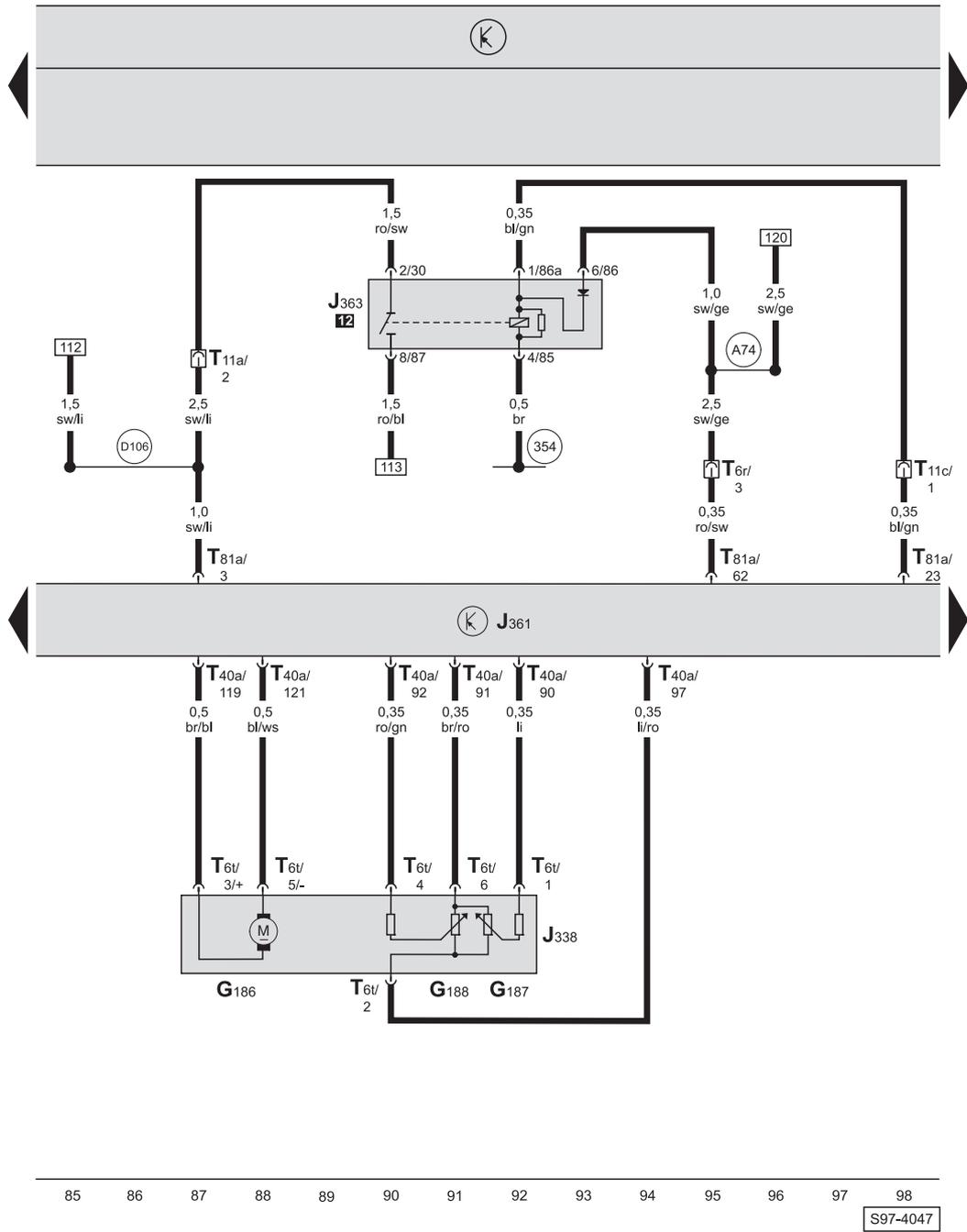
Simos control unit, knock sensor I, camshaft position sender



- G61 - Knock sensor I
- G163 - Camshaft position sender
- J361 - Simos control unit
- T2e - 2-pin connector, at knock sensor I
- T3j - 3-pin connector, at camshaft position sender
- T6n - 6-pin connector, at left of bulkhead (blue)
- T11b - 11-pin connector, at left of bulkhead (red)
- T14a - Connector, 14-pin, in left of engine compartment (connection of the engine pre-assembly wiring loom/engine compartment wiring loom)
- T40a - 40-pin connector, at engine control unit
- T81a - 81-pin connector, at engine control unit

- (29) - Earth point, in left of engine compartment, behind battery (at suspension strut mounting)
- (131) - Earth connection -2-, in engine compartment wiring harness
- (281) - Earth connection -1-, in engine pre-assembly wiring loom
- (A76) - Connection (K diagnosis wire), in wiring loom behind dash panel on left
- (D141) - Connection (5V), in engine assembly wiring loom

Simos control unit, throttle valve control unit, Simos power supply relay

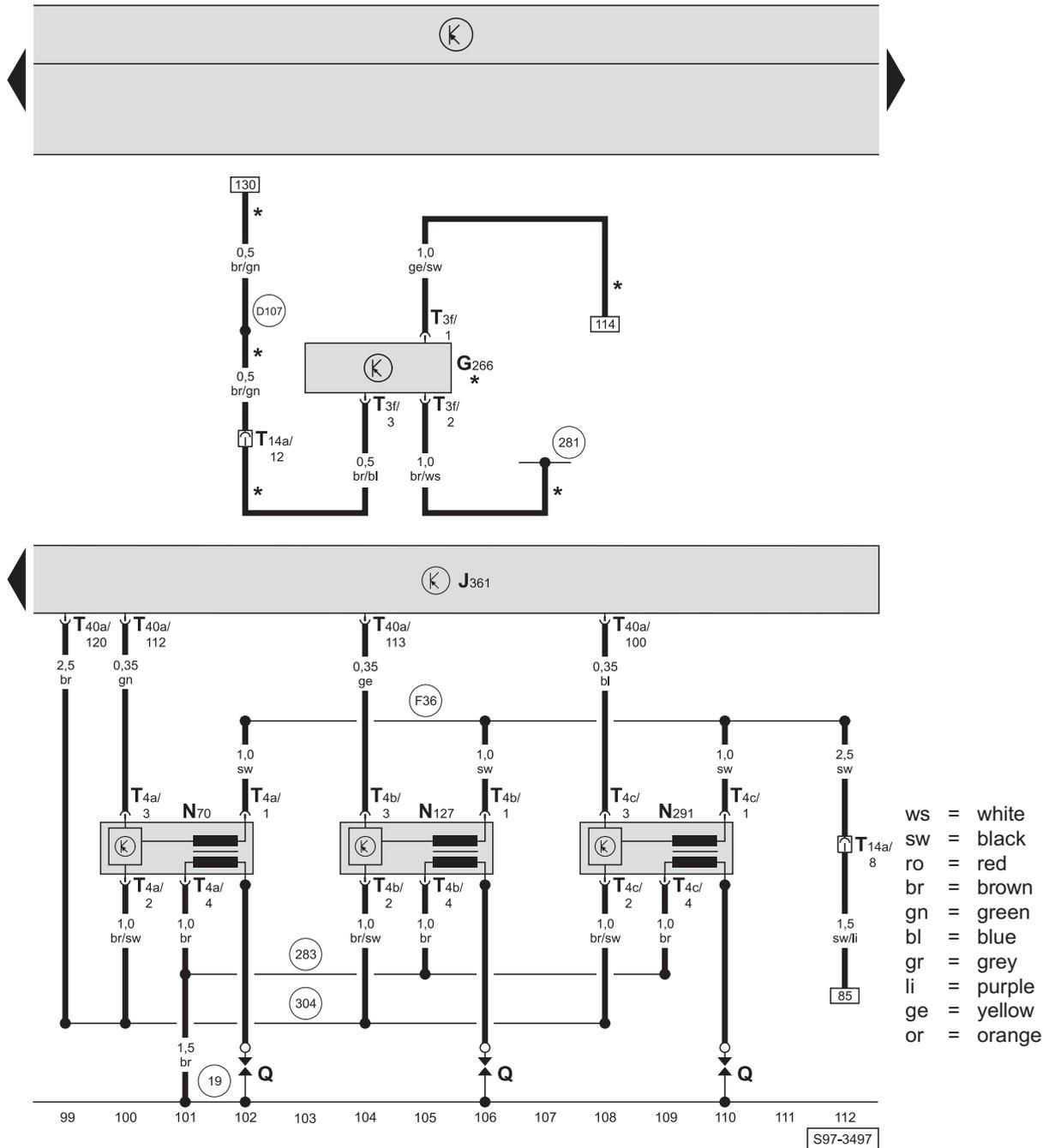


- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange

- G186 - Throttle valve drive (electric throttle operation)
- G187 - Angle sender -1- for throttle valve drive (electric throttle operation)
- G188 - Angle sender -2- for throttle valve drive (electric throttle operation)
- J338 - Throttle valve control unit
- J361 - Simos control unit
- J363 - Simos power supply relay
- T6r - 6-pin connector, at left of bulkhead (brown)
- T6t - 6-pin connector, at throttle valve control unit
- T11a - 11-pin connector, at left of bulkhead (white)
- T11c - 11-pin connector, at left of bulkhead (blue)
- T40a - 40-pin connector, at engine control unit
- T81a - 81-pin connector, at engine control unit

- (354) - Earth connection -2-, in wiring loom behind dash panel
- (A74) - Positive connection (15a), in wiring loom behind dash panel
- (D106) - Connection -4- (87a), in wiring loom on left of engine compartment

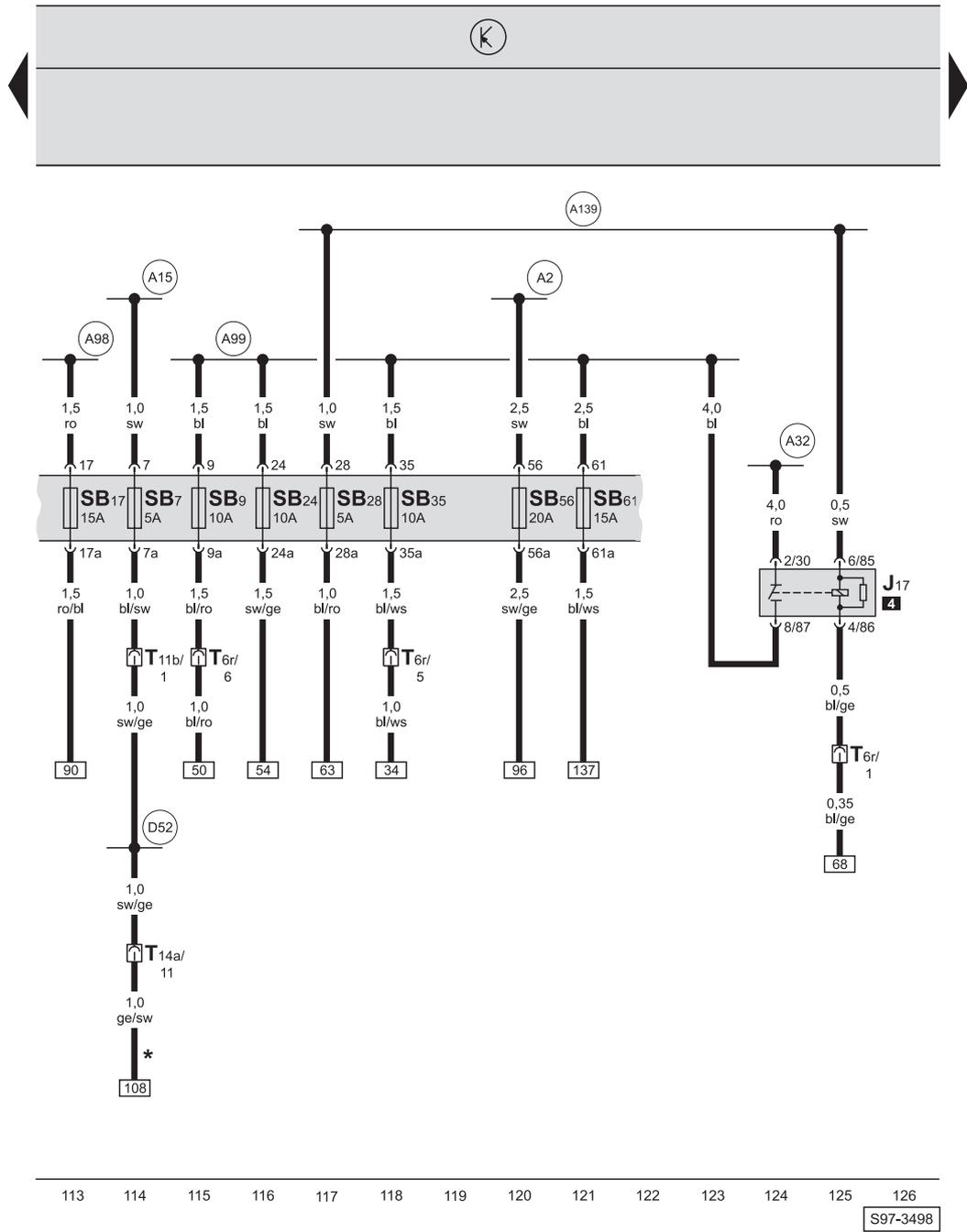
Simos control unit, Oil level/oil temperature sender, Ignition system



- G266 - Oil level/oil temperature sender
- J361 - Simos control unit
- N70 - Ignition coil 1 with output stage
- N127 - Ignition coil 2 with output stage
- N291 - Ignition coil 3 with output stage
- Q - Spark plugs
- T3f - Connector, 3-pin, at oil level/oil temperature sender
- T4a - Connector, 4-pin, at ignition coil 1
- T4b - Connector, 4-pin, at ignition coil 2
- T4c - Connector, 4-pin, at ignition coil 3
- T14a - Connector, 14-pin, in left of engine compartment (connection of the engine pre-assembly wiring loom/ engine compartment wiring loom)
- T40a - 40-pin connector, at engine control unit

- (19) - Earth point, near coil
- (281) - Earth connection -1-, in engine pre-assembly wiring loom
- (283) - Earth connection -2-, in engine pre-assembly wiring loom
- (304) - Earth connection (ignition coils), in engine pre-assembly wiring loom
- (D107) - Connection -5- (Oil level/oil temperature sender), left in engine compartment wiring harness
- (F36) - Connection (87a), in engine preassembly wiring loom
- * - applies only to models with extended service interval (ESI)

Fuel pump relay, fuse holder



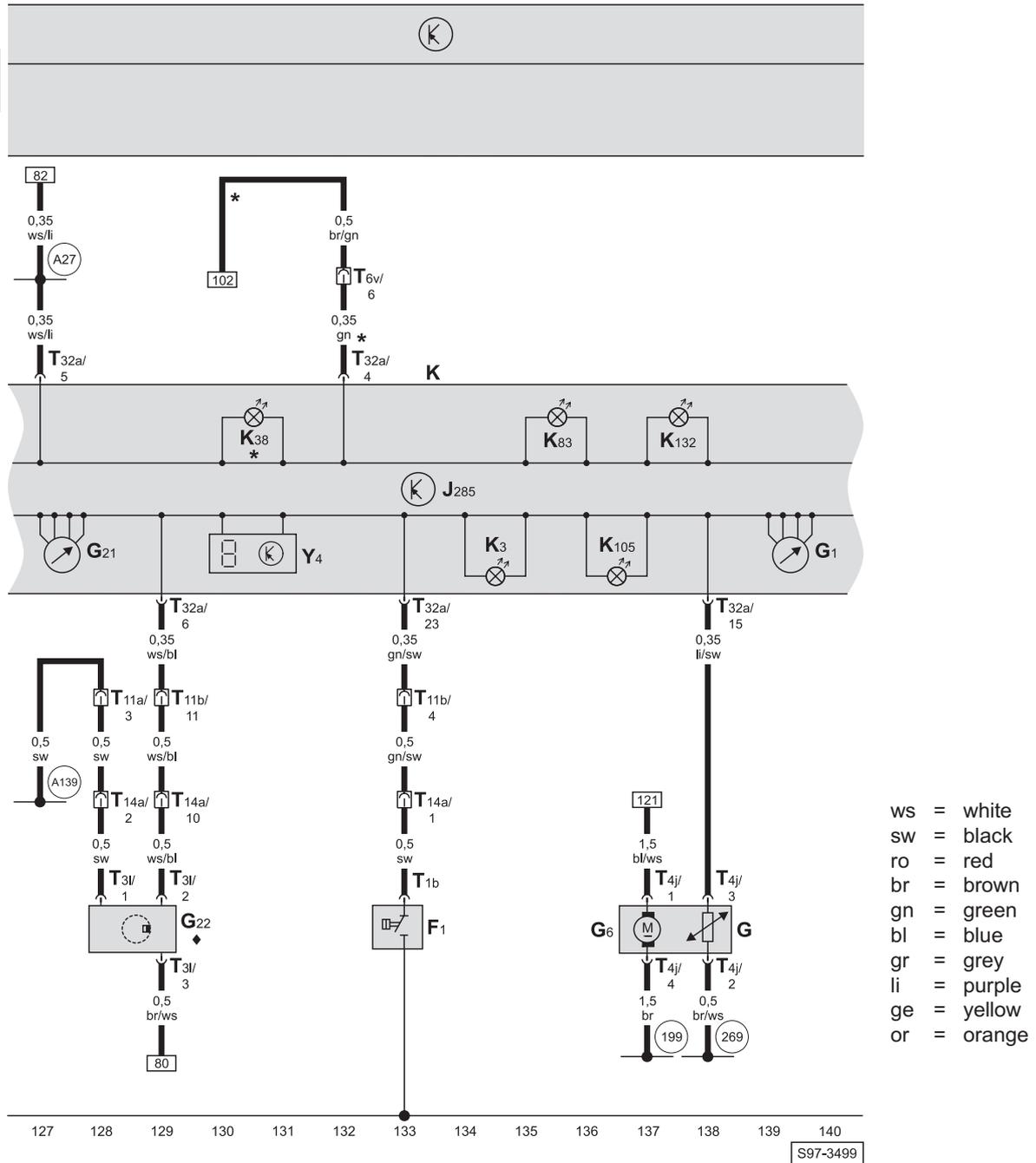
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange

- J17 - Fuel pump relay
- T6r - 6-pin connector, at left of bulkhead (brown)
- T11b - 11-pin connector, at left of bulkhead (red)
- T14a - Connector, 14-pin, in left of engine compartment (connection of the engine pre-assembly wiring loom/ engine compartment wiring loom)

- A2 - Positive connection (15), in wiring loom behind dash panel
- A15 - Positive connection (15), in wiring loom behind dash panel
- A32 - Positive connection (30a), in wiring loom behind dash panel on left
- A98 - Positive connection (30a), in wiring loom behind dash panel (applies only to models with telephone system)
- A99 - Connection (87), in wiring loom behind dash panel
- A139 - Positive connection (15), in wiring loom behind dash panel
- D52 - Positive connection (15a), in engine compartment wiring loom

* - applies only to models with extended service interval (ESI)

Dash panel insert, control unit in dash panel insert, warning lights, oil pressure switch, fuel gauge sender, fuel pump, speedometer sender, fuel gauge, speedometer, odometer display

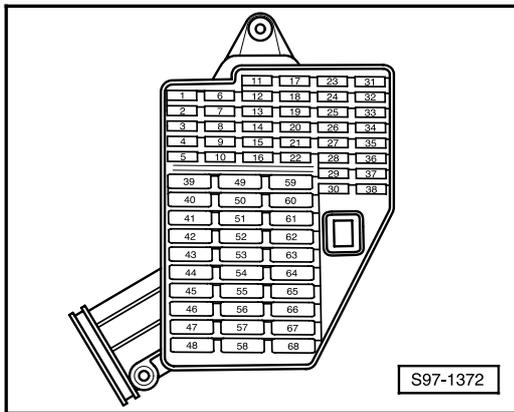


- F1 - Oil pressure switch
- G - Fuel gauge sender
- G1 - Fuel gauge
- G6 - Fuel pump
- G21 - Speedometer
- G22 - Speedometer sender
- J285 - Control unit in dash panel insert
- K - Dash panel insert
- K3 - Oil pressure warning lamp
- K38 - Oil level indicator light
- K83 - Exhaust gas warning lamp
- K105 - Reserve fuel warning lamp
- K132 - Electric throttle control fault lamp
- T1b - 1-pin connector, at oil pressure switch
- T3l - 3-pin connector, at speedometer sender
- T4j - 4-pin connector, at fuel pump
- T6v - 6-pin connector, at left of bulkhead (green)
- T11a - 11-pin connector, at left of bulkhead (white)
- T11b - 11-pin connector, at left of bulkhead (red)
- T14a - Connector, 14-pin, in left of engine compartment (connection of the engine pre-assembly wiring loom/engine compartment wiring loom)
- T32a - 32-pin connector, at dash panel insert
- Y4 - Odometer display
- 199 - Earth connection, in wiring harness behind dash panel
- 269 - Earth connection (sender earth) -1-, in wiring harness behind dash panel
- A27 - Connection (vehicle speed signal), in wiring loom behind dash panel
- A139 - Positive connection (15), in wiring loom behind dash panel
- * - applies only to models with extended service interval (ESI)
- ◆ - not valid for vehicles with ABS/ABS with EDL and TCS/ESP

1.4 I - 4MV/55 kW, engine code BBY, from August 2003

1.4 I - 4MV/74 kW, engine code BBZ, from August 2003

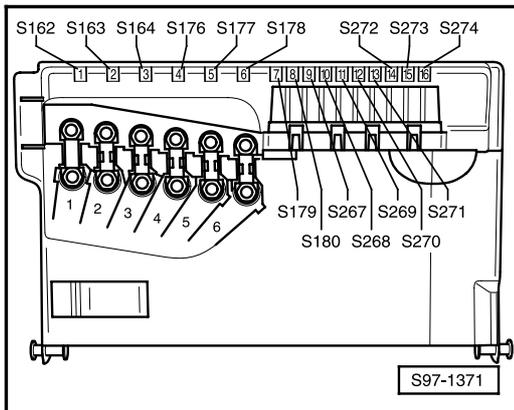
Fuse holder:



Fuse colours

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

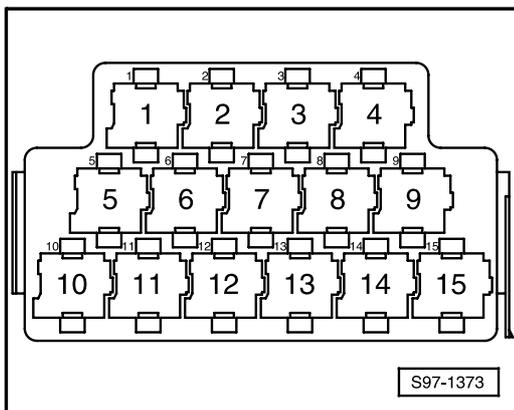
Fuse holder on battery:



Fuse colours

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

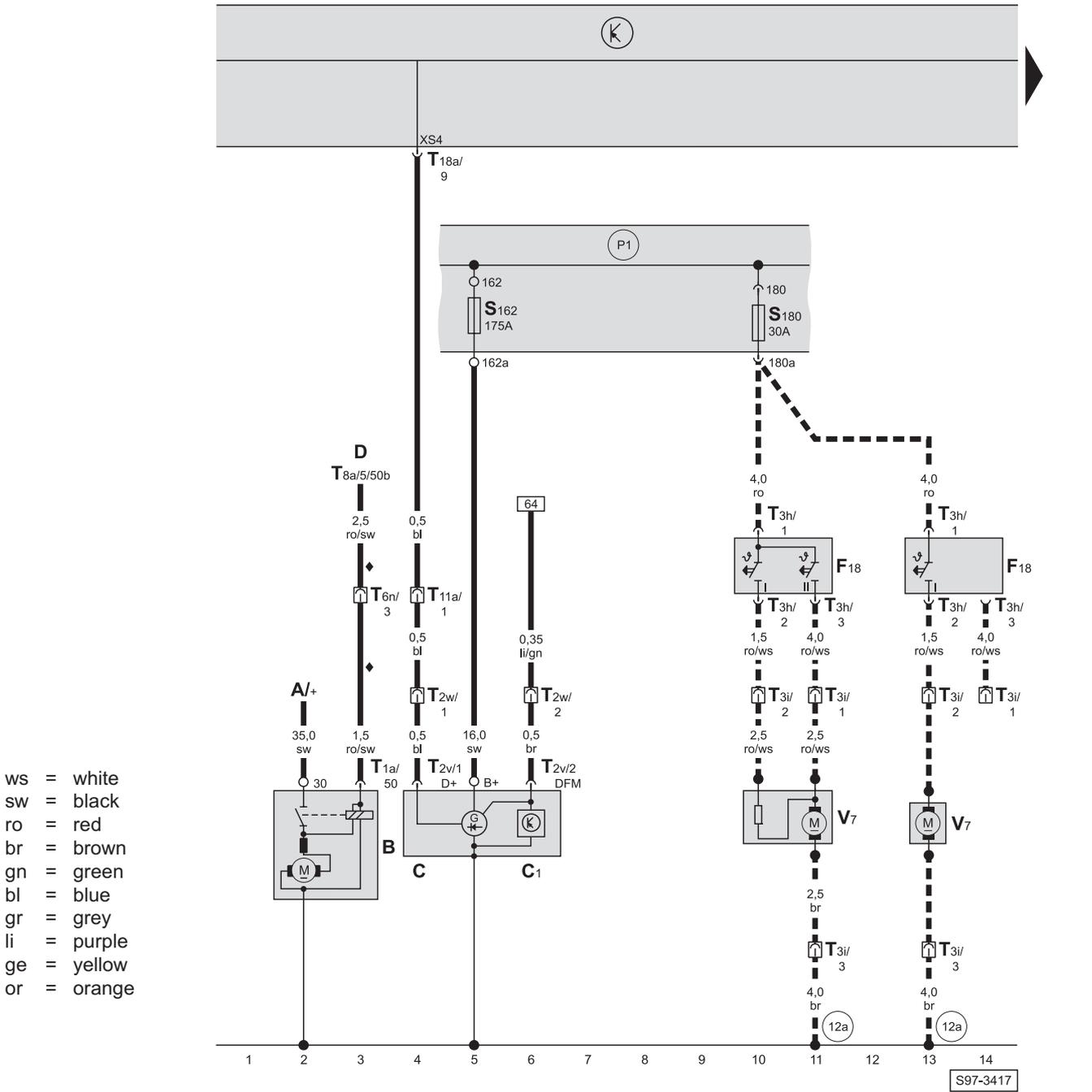
Relay holder:



Relay position assignment

- 4** - Fuel pump relay
- 9** - Fuel feed relay

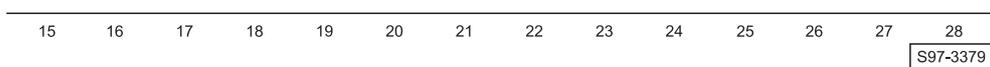
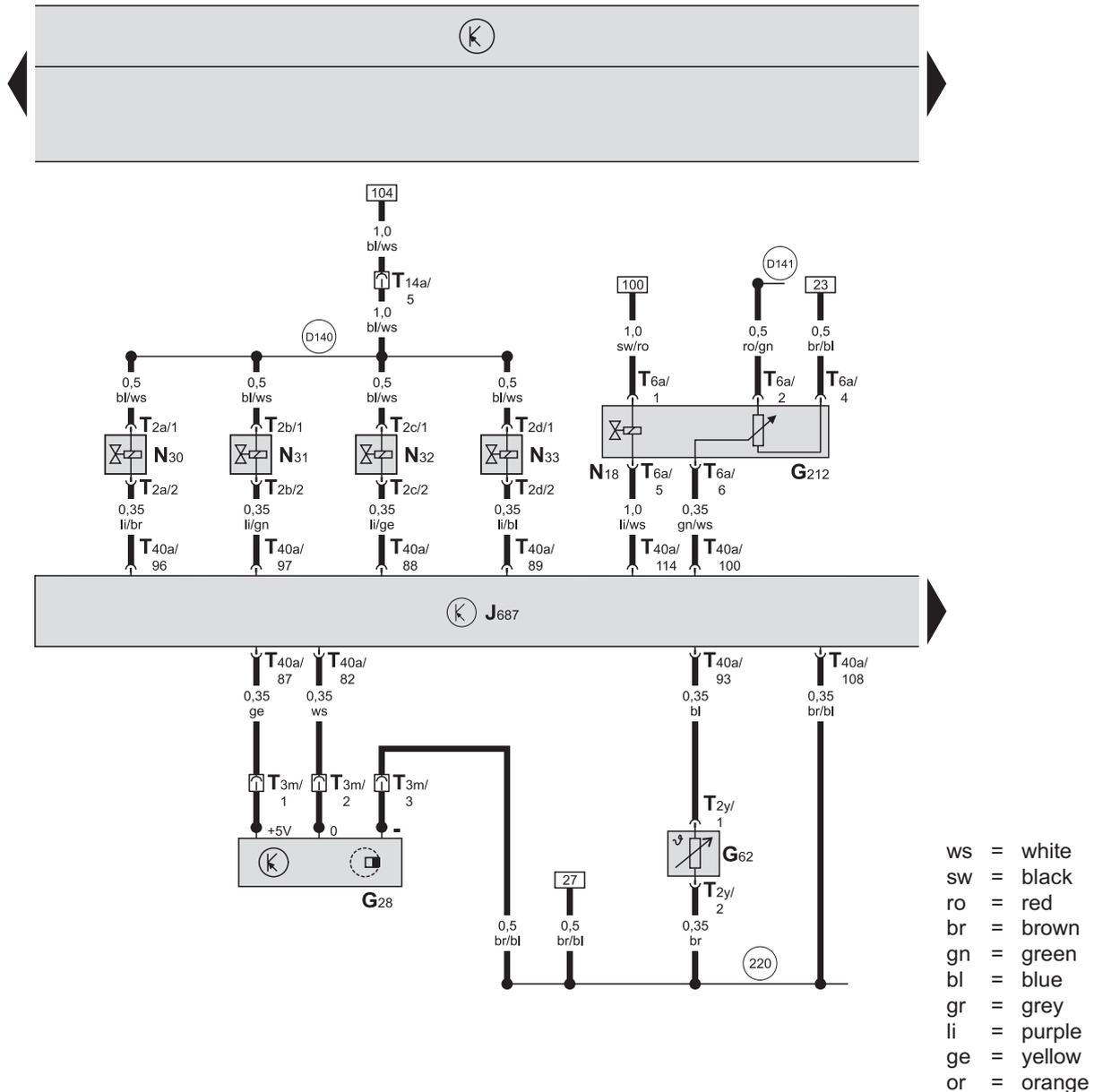
Starter, alternator, radiator fan, fuse holder on battery



- A - Battery
- B - Starter
- C - Alternator
- C1 - Voltage regulator
- D - Ignition/starter switch
- F18 - Radiator fan thermoswitch
- S162 - Fuse -1- (30), in fuse holder on battery
- S180 - Fuse -8- (30), in fuse holder on battery
- T1a - 1-pin connector, at starter
- T2v - 2-pin connector, at alternator
- T2w - 2-pin connector, in bracket at gearbox
- T3h - 3-pin connector, at radiator fan thermoswitch
- T3i - 3-pin connector, in bracket on left of radiator
- T6n - 6-pin connector, at left of bulkhead (blue)
- T8a - 8-pin connector, at ignition/starter switch
- T11a - 11-pin connector, at left of bulkhead (white)
- T18a - 18-pin connector, at electrical system control unit (brown)
- V7 - Radiator fan

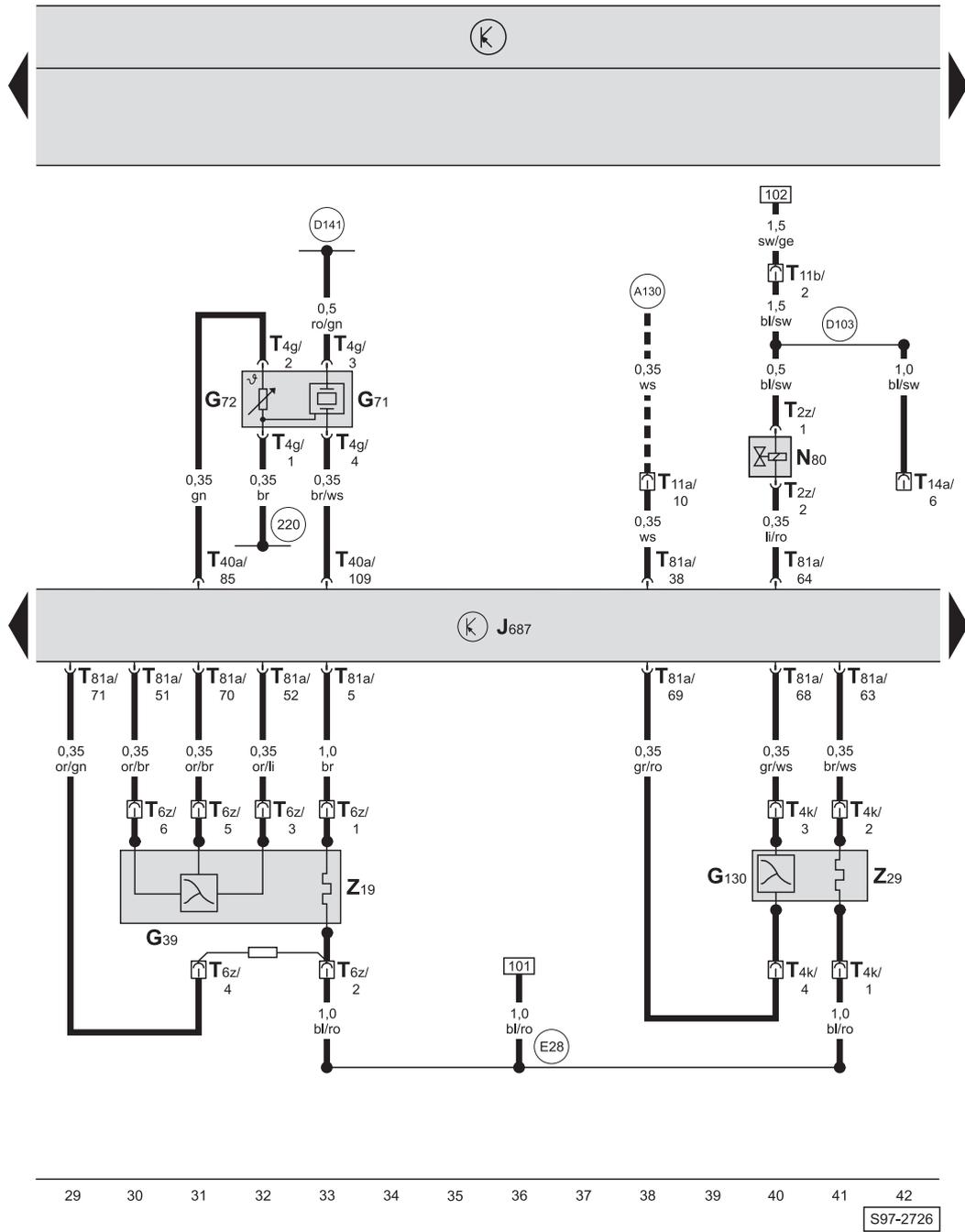
- (12a) - Earth point -2-, in engine compartment, on left below battery (at side member)
- (P1) - Positive connection (30), in fuse holder on battery
- ◆ - Does not apply to models with automatic gearbox
- ■ ■ - Thermoswitch and radiator fan vary according to optional equipment (does not apply to models with air conditioning)

4MV control unit, injectors, engine speed sender, coolant temperature sender, exhaust gas recirculation valve, exhaust gas valve recirculation potentiometer



- G28 - Engine speed sender
- G62 - Coolant temperature sender
- G212 - Exhaust gas recirculation potentiometer
- J687 - 4MV control unit
- N18 - EGR valve
- N30 - Injector cylinder 1
- N31 - Injector cylinder 2
- N32 - Injector cylinder 3
- N33 - Injector cylinder 4
- T2a - 2-pin connector, at injector cylinder 1
- T2b - 2-pin connector, at injector cylinder 2
- T2c - 2-pin connector, at injector cylinder 3
- T2d - 2-pin connector, at injector cylinder 4
- T2y - 2-pin connector, at coolant temperature sender
- T3m - 3-pin connector, at engine speed sender
- T6a - Connector, 6-pin, at EGR valve
- T14a - Connector, 14-pin, in left of engine compartment (connection of the engine pre-assembly wiring loom/ engine compartment wiring loom)
- T40a - 40-pin connector, at engine control unit
- (220) - Earth connection (sender earth), in engine pre-wiring wiring harness
- (D140) - Connection (injectors), in engine assembly wiring loom
- (D141) - Connection (5V), in engine assembly wiring loom

4MV control unit, lambda probe, lambda probe downstream of catalytic converter, intake manifold pressure and intake manifold temperature sender, activated charcoal filter system solenoid valve



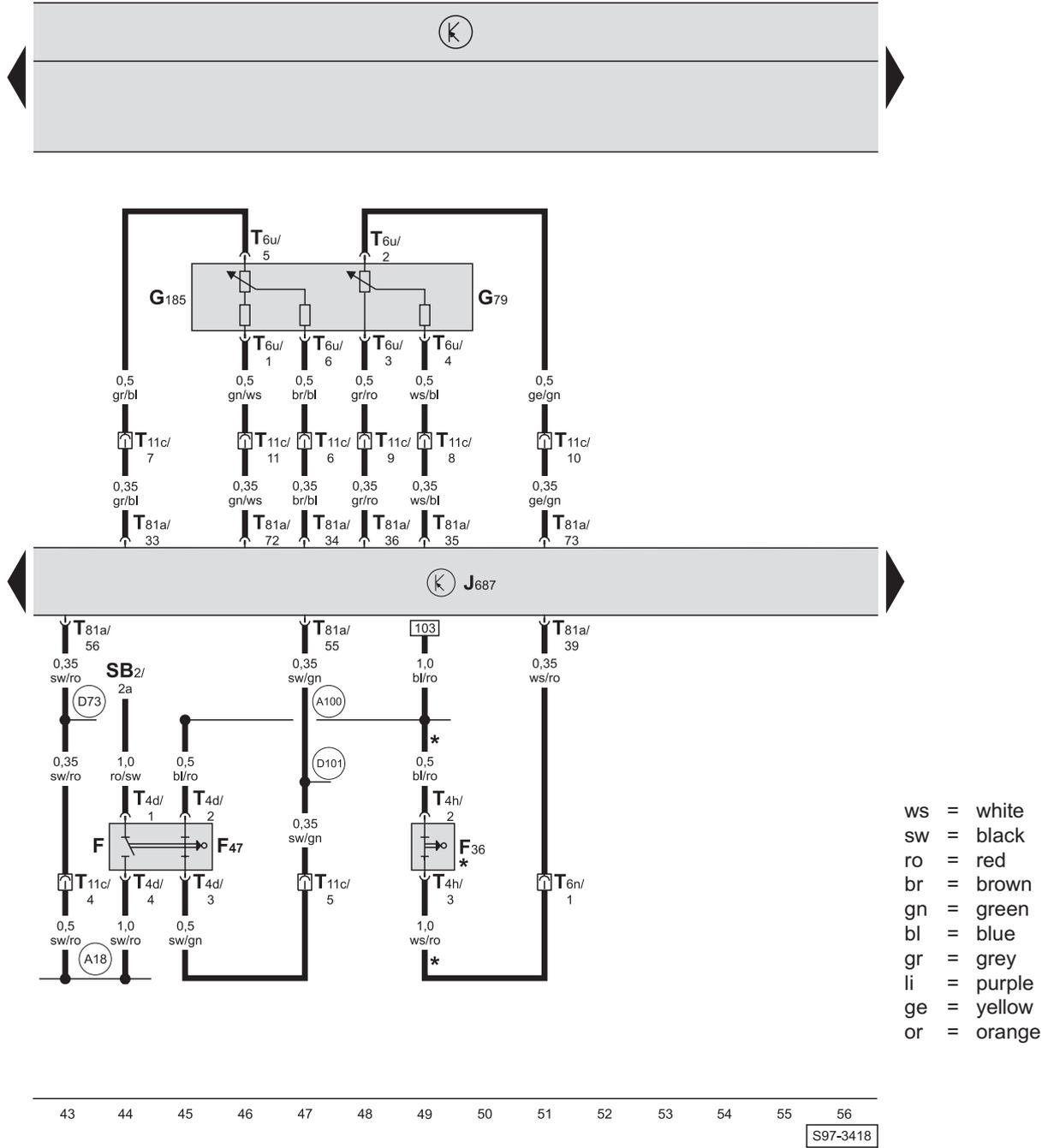
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange

- G39 - Lambda probe
- G71 - Intake manifold pressure sender
- G72 - Intake manifold temperature sender
- G130 - Lambda probe downstream of catalytic converter
- J687 - 4MV control unit
- N80 - Activated charcoal filter system solenoid valve
- T2z - 2-pin connector, at activated charcoal filter system solenoid valve
- T4g - 4-pin connector, at intake manifold pressure and intake manifold temperature sender
- T4k - Connector, 4-pin, close to lambda probe downstream of catalytic converter
- T6z - Connector, 6-pin, close to lambda probe
- T11a - 11-pin connector, at left of bulkhead (white)
- T11b - 11-pin connector, at left of bulkhead (red)
- T14a - Connector, 14-pin, in left of engine compartment (connection of the engine pre-assembly wiring loom/ engine compartment wiring loom)
- T40a - 40-pin connector, at engine control unit
- T81a - 81-pin connector, at engine control unit
- Z19 - Lambda probe heater
- Z29 - Lambda probe heater downstream of catalytic converter

- (220) - Earth connection (sender earth), in engine pre-wiring wiring harness
- (A130) - Connection (CCS), in wiring loom behind dash panel on left
- (D103) - Connection -3- (87a), in engine compartment wiring loom
- (D141) - Connection (5V), in engine assembly wiring loom
- (E28) - Connection (lambda probe heater), in engine compartment wiring loom

■ ■ ■ - Applies only to models with CCS

4MV control unit, accelerator pedal position sender, brake pedal switch, clutch pedal switch

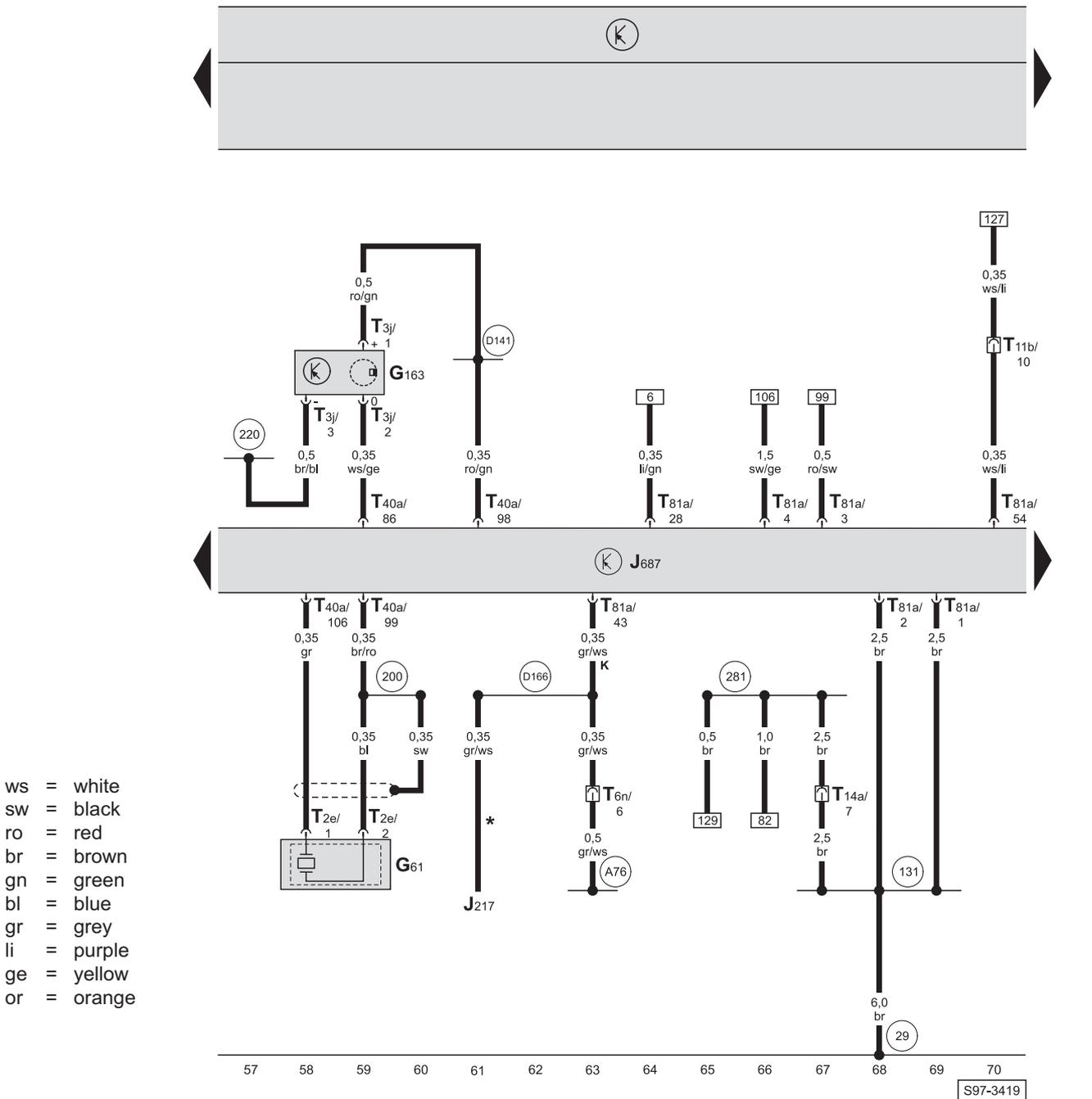


ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 ge = yellow
 or = orange

- F - Brake light switch
- F36 - Clutch pedal switch
- F47 - Brake pedal switch
- G79 - Accelerator position sender
- G185 - Accelerator pedal position sender -2-
- J687 - 4MV control unit
- SB2 - Fuse, in fuse holder
- T4d - 4-pin connector, at brake pedal switch
- T4h - 4-pin connector, at clutch pedal switch
- T6n - 6-pin connector, at left of bulkhead (blue)
- T6u - 6-pin connector, at accelerator pedal position sender
- T11c - 11-pin connector, at left of bulkhead (blue)
- T81a - 81-pin connector, at engine control unit

- (A18) - Connection (54), in wiring loom behind dash panel
- (A100) - Connection (87a), in wiring loom behind dash panel
- (D73) - Connection (54), in left of engine compartment wiring loom
- (D101) - Connection (brake pedal switch), in engine compartment wiring loom
- * - Does not apply to models with automatic gearbox

4MV control unit, knock sensor I, camshaft position sender

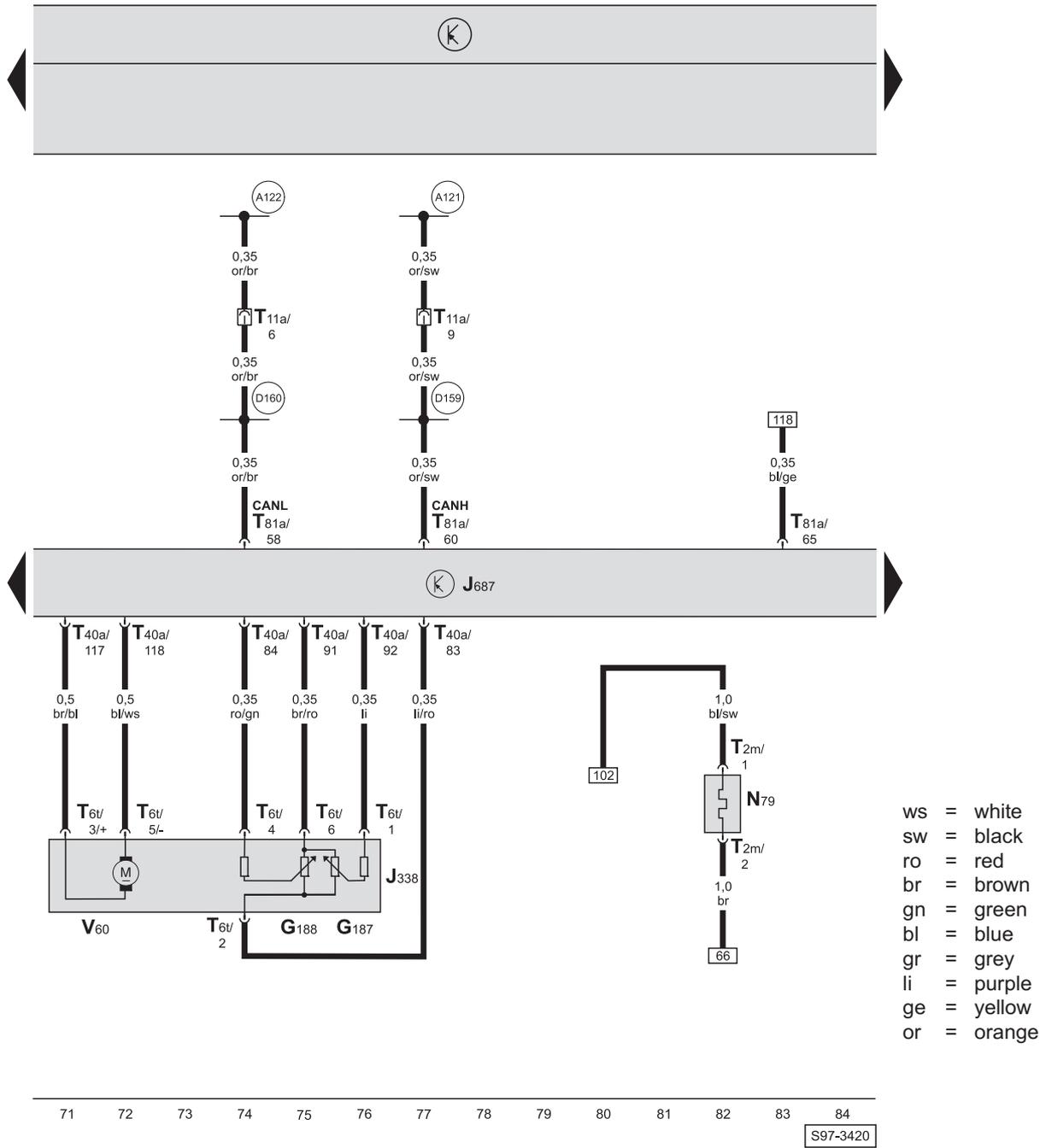


- G61 - Knock sensor I
- G163 - Camshaft position sender
- J217 - Automatic gearbox control unit
- J687 - 4MV control unit
- T2e - 2-pin connector, at knock sensor I
- T3j - 3-pin connector, at camshaft position sender
- T6n - 6-pin connector, at left of bulkhead (blue)
- T11b - 11-pin connector, at left of bulkhead (red)
- T14a - Connector, 14-pin, in left of engine compartment (connection of the engine pre-assembly wiring loom/ engine compartment wiring loom)
- T40a - 40-pin connector, at engine control unit
- T81a - 81-pin connector, at engine control unit

- (29) - Earth point, in left of engine compartment, behind battery (at suspension strut mounting)
- (131) - Earth connection -2-, in engine compartment wiring harness
- (200) - Earth connection (screening), in engine pre-wiring wiring harness
- (220) - Earth connection (sender earth), in engine pre-wiring wiring harness
- (281) - Earth connection -1-, in engine pre-assembly wiring loom
- (A76) - Connection (K diagnosis wire), in wiring loom behind dash panel on left
- (D141) - Connection (5V), in engine assembly wiring loom
- (D166) - Connection (K diagnosis wire), in engine compartment wiring loom

* - Applies only to models with automatic gearbox

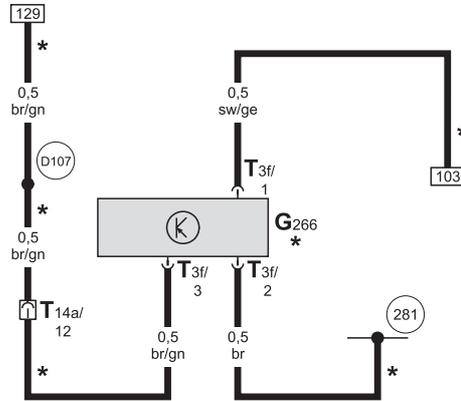
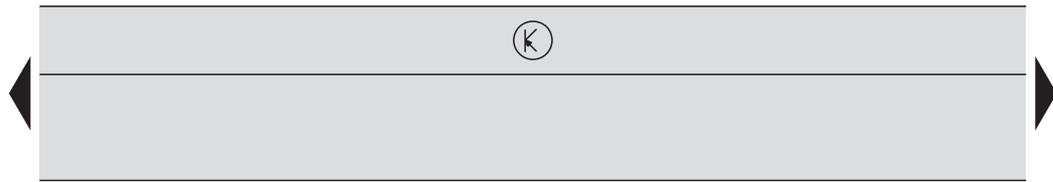
4MV control unit, throttle valve control unit



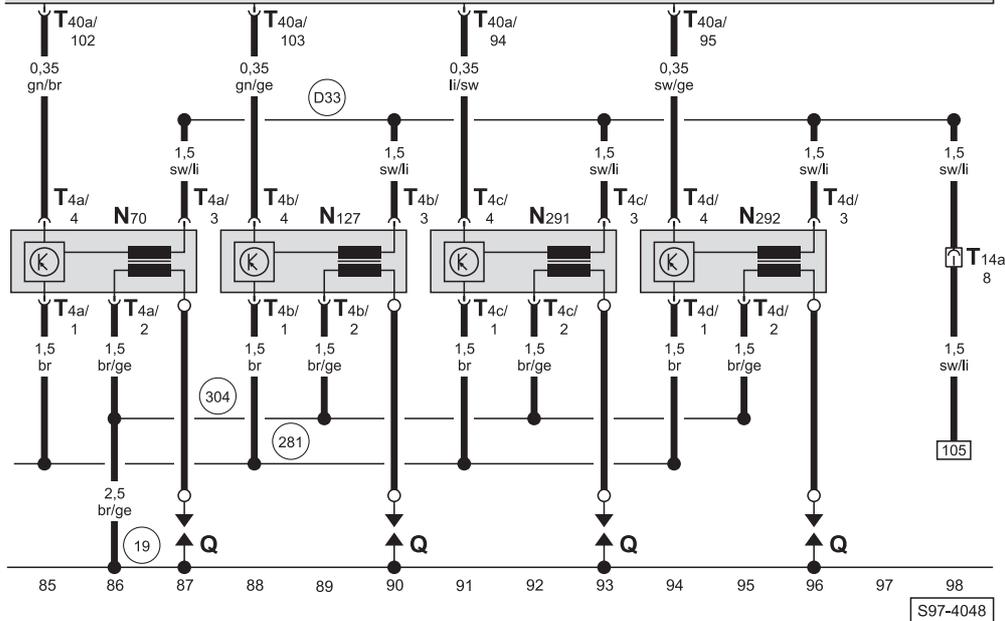
- G187 - Angle sender -1- for throttle valve drive (electric throttle operation)
- G188 - Angle sender -2- for throttle valve drive (electric throttle operation)
- J338 - Throttle valve control unit
- J687 - 4MV control unit
- N79 - Crankcase breather heater element
- T2m - 2-pin connector, at crankcase breather heater element
- T6t - 6-pin connector, at throttle valve control unit
- T11a - 11-pin connector, at left of bulkhead (white)
- T40a - 40-pin connector, at engine control unit
- T81a - 81-pin connector, at engine control unit
- V60 - Throttle valve positioner

- (A121) - Connection (CAN-H), in wiring loom behind dash panel on
- (A122) - Connection (CAN-L), in wiring loom behind dash panel
- (D159) - Connection (CAN-H), in engine compartment wiring loom
- (D160) - Connection (CAN-L), in engine compartment wiring loom

4MV control unit, Ignition system, Oil level/oil temperature sender



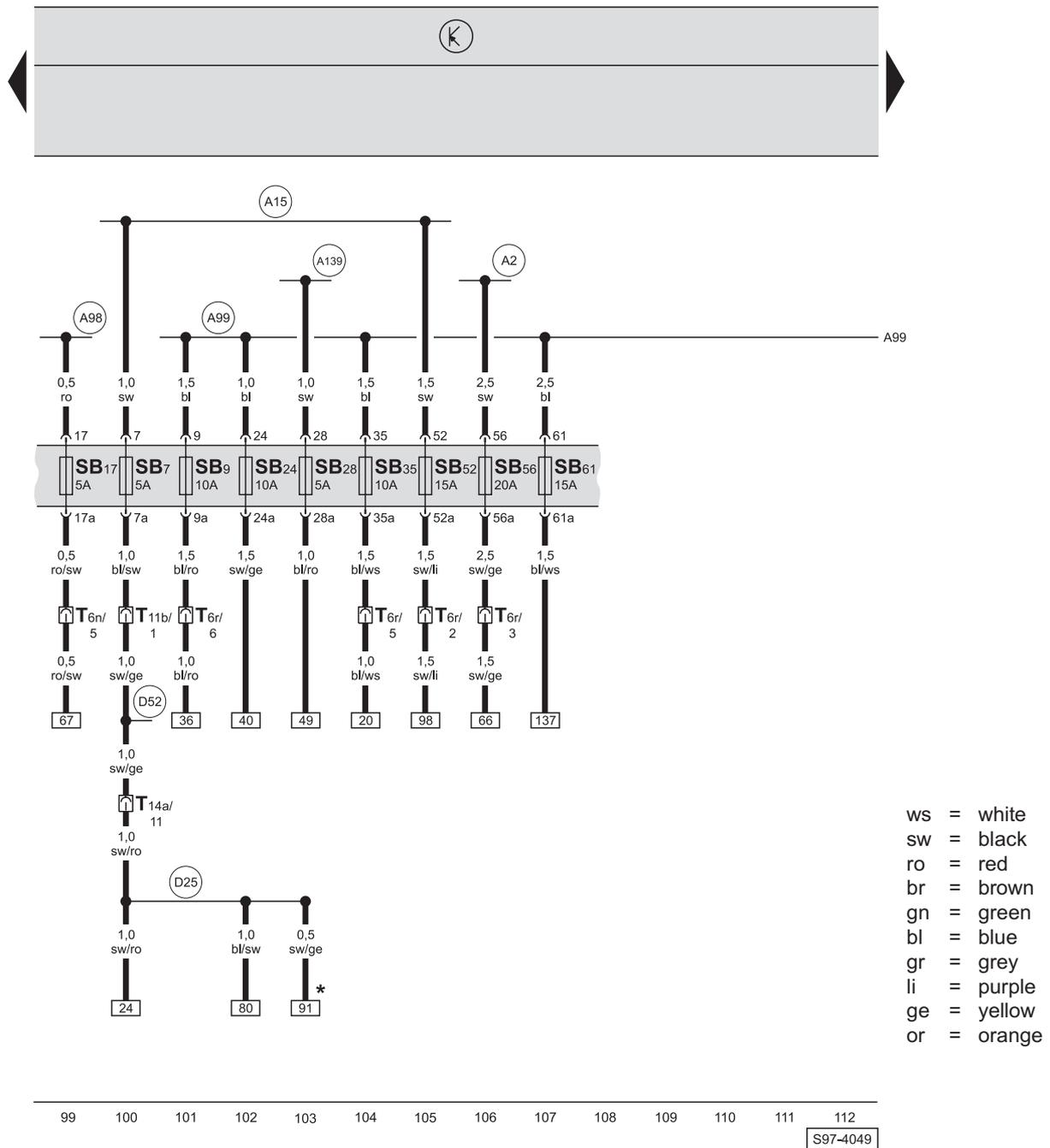
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange



- G266 - Oil level/oil temperature sender
- J687 - 4MV control unit
- N70 - Ignition coil 1 with output stage
- N127 - Ignition coil 2 with output stage
- N291 - Ignition coil 3 with output stage
- N292 - Ignition coil 4 with output stage
- Q - Spark plugs
- T3f - Connector, 3-pin, at oil level/oil temperature sender
- T4a - Connector, 4-pin, at ignition coil 1
- T4b - Connector, 4-pin, at ignition coil 2
- T4c - Connector, 4-pin, at ignition coil 3
- T4d - Connector, 4-pin, at ignition coil 4
- T14a - Connector, 14-pin, in left of engine compartment (connection of the engine pre-assembly wiring loom/engine compartment wiring loom)
- T40a - 40-pin connector, at engine control unit

- (19) - Earth point, near coil
- (281) - Earth connection -1-, in engine pre-assembly wiring loom
- (304) - Earth connection (ignition coils), in engine pre-assembly wiring loom
- (D33) - Connection -2- (15a), in engine pre-assembly wiring loom
- (D107) - Connection -5- (Oil level/oil temperature sender), left in engine compartment wiring harness
- * - applies only to models with extended service interval (ESI)

Fuse holder

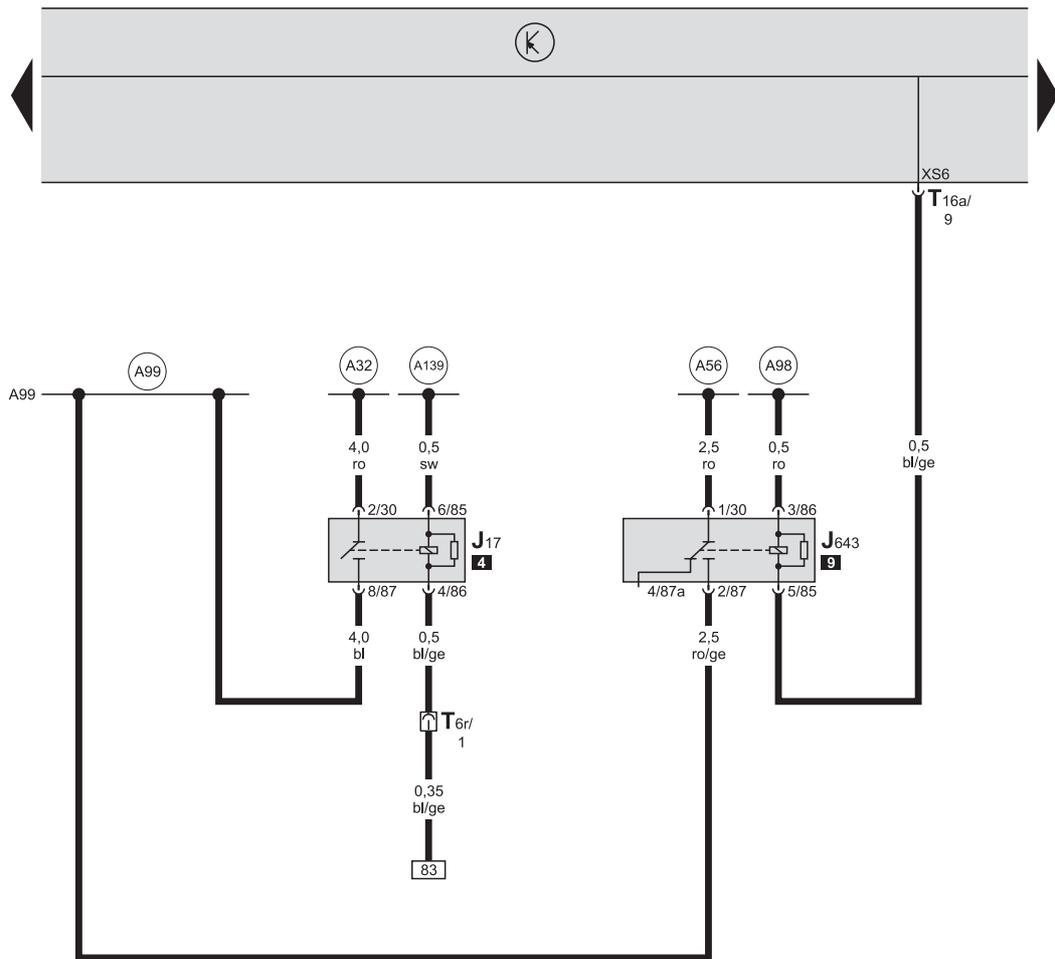


- T6n - 6-pin connector, at left of bulkhead (blue)
- T6r - 6-pin connector, at left of bulkhead (brown)
- T11b - 11-pin connector, at left of bulkhead (red)
- T14a - Connector, 14-pin, in left of engine compartment (connection of the engine pre-assembly wiring loom/ engine compartment wiring loom)

- (A2) - Positive connection (15), in wiring loom behind dash panel
- (A15) - Positive connection (15), in wiring loom behind dash panel
- (A98) - Positive connection (30a), in wiring loom behind dash panel (applies only to models with telephone system)
- (A99) - Connection (87), in wiring loom behind dash panel
- (A139) - Positive connection (15), in wiring loom behind dash panel
- (D25) - Connection (15a), in engine pre-assembly wiring loom
- (D52) - Positive connection (15a), in engine compartment wiring loom

* - applies only to models with extended service interval (ESI)

Fuel pump relay, fuel feed relay



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

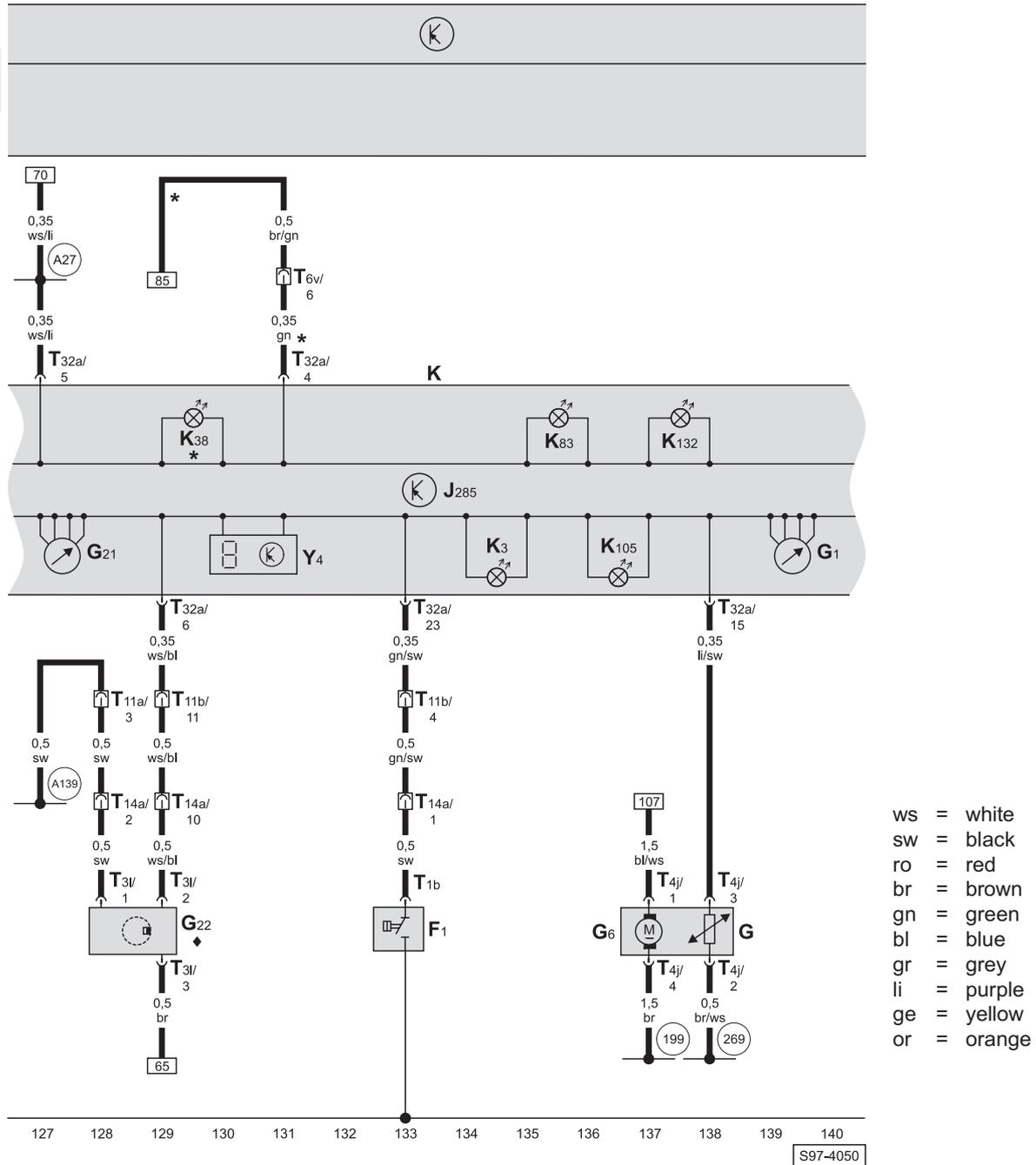
113 114 115 116 117 118 119 120 121 122 123 124 125 126

S97-3504

- J17 - Fuel pump relay
- J643 - Fuel feed relay
- T6r - 6-pin connector, at left of bulkhead (brown)
- T16a - 16-pin connector, at electrical system control unit (black)

- (A32) - Positive connection (30a), in wiring loom behind dash panel on left
- (A56) - Positive connection (30a), in wiring loom behind dash panel
- (A98) - Positive connection (30a), in wiring loom behind dash panel (applies only to models with telephone system)
- (A99) - Connection (87), in wiring loom behind dash panel
- (A139) - Positive connection (15), in wiring loom behind dash panel

Dash panel insert, control unit in dash panel insert, warning lights, oil pressure switch, fuel gauge sender, fuel pump, speedometer sender, fuel gauge, speedometer, odometer display

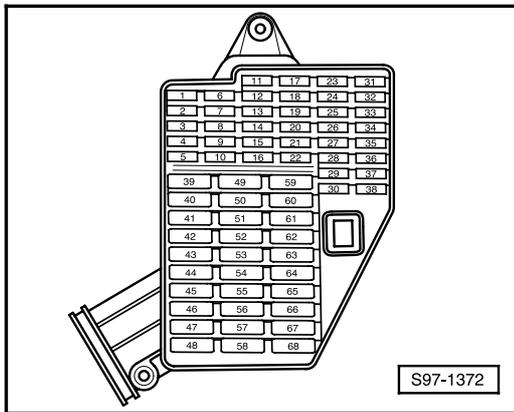


- F1 - Oil pressure switch
- G - Fuel gauge sender
- G1 - Fuel gauge
- G6 - Fuel pump
- G21 - Speedometer
- G22 - Speedometer sender
- J285 - Control unit in dash panel insert
- K - Dash panel insert
- K3 - Oil pressure warning lamp
- K38 - Oil level indicator light
- K83 - Exhaust gas warning lamp
- K105 - Reserve fuel warning lamp
- K132 - Electric throttle control fault lamp
- T1b - 1-pin connector, at oil pressure switch
- T31 - 3-pin connector, at speedometer sender
- T4j - 4-pin connector, at fuel pump
- T6v - 6-pin connector, at left of bulkhead (green)
- T11a - 11-pin connector, at left of bulkhead (white)
- T11b - 11-pin connector, at left of bulkhead (red)
- T14a - Connector, 14-pin, in left of engine compartment (connection of the engine pre-assembly wiring loom/engine compartment wiring loom)

- T32a - 32-pin connector, at dash panel insert
- Y4 - Odometer display
- 199 - Earth connection, in wiring harness behind dash panel
- 269 - Earth connection (sender earth) -1-, in wiring harness behind dash panel
- A27 - Connection (vehicle speed signal), in wiring loom behind dash panel
- A139 - Positive connection (15), in wiring loom behind dash panel
- * - applies only to models with extended service interval (ESI)
- ◆ - not valid for vehicles with ABS/ABS with EDL and TCS/ESP

2.0 I - Motronic/85 kW, engine code AZL, from August 2003

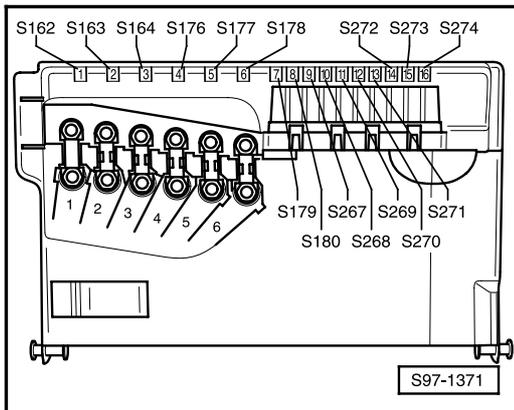
Fuse holder:



Fuse colours

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

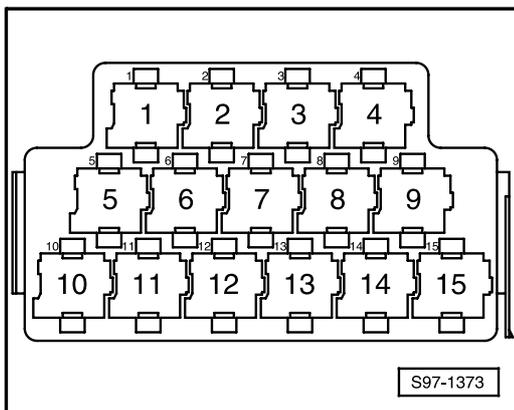
Fuse holder on battery:



Fuse colours

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

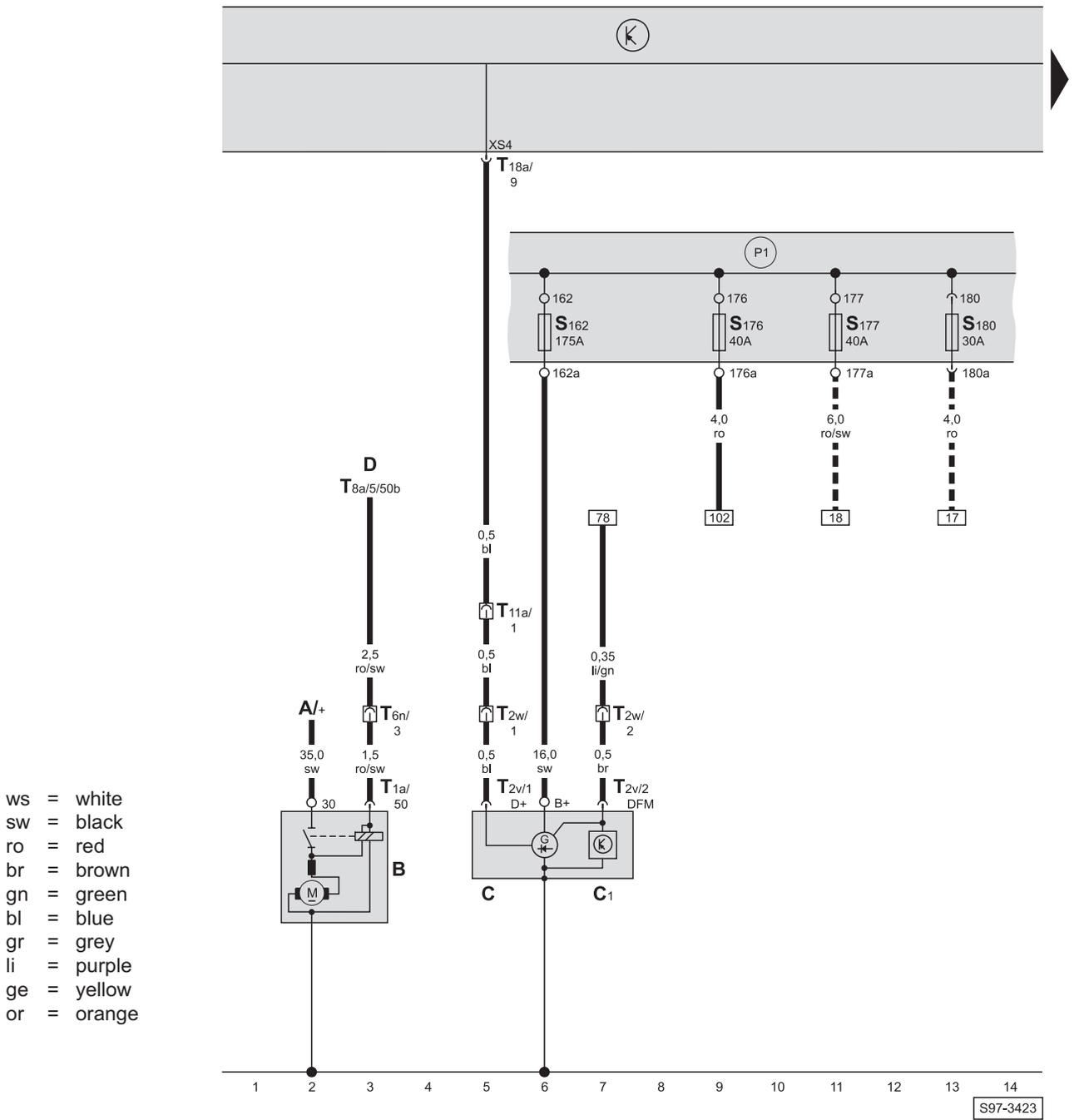
Relay holder:



Relay position assignment

- 1** - Secondary air pump relay
- 2** - Motronic power supply relay
- 4** - Fuel pump relay
- 9** - Fuel feed relay

Starter, alternator, fuse holder on battery

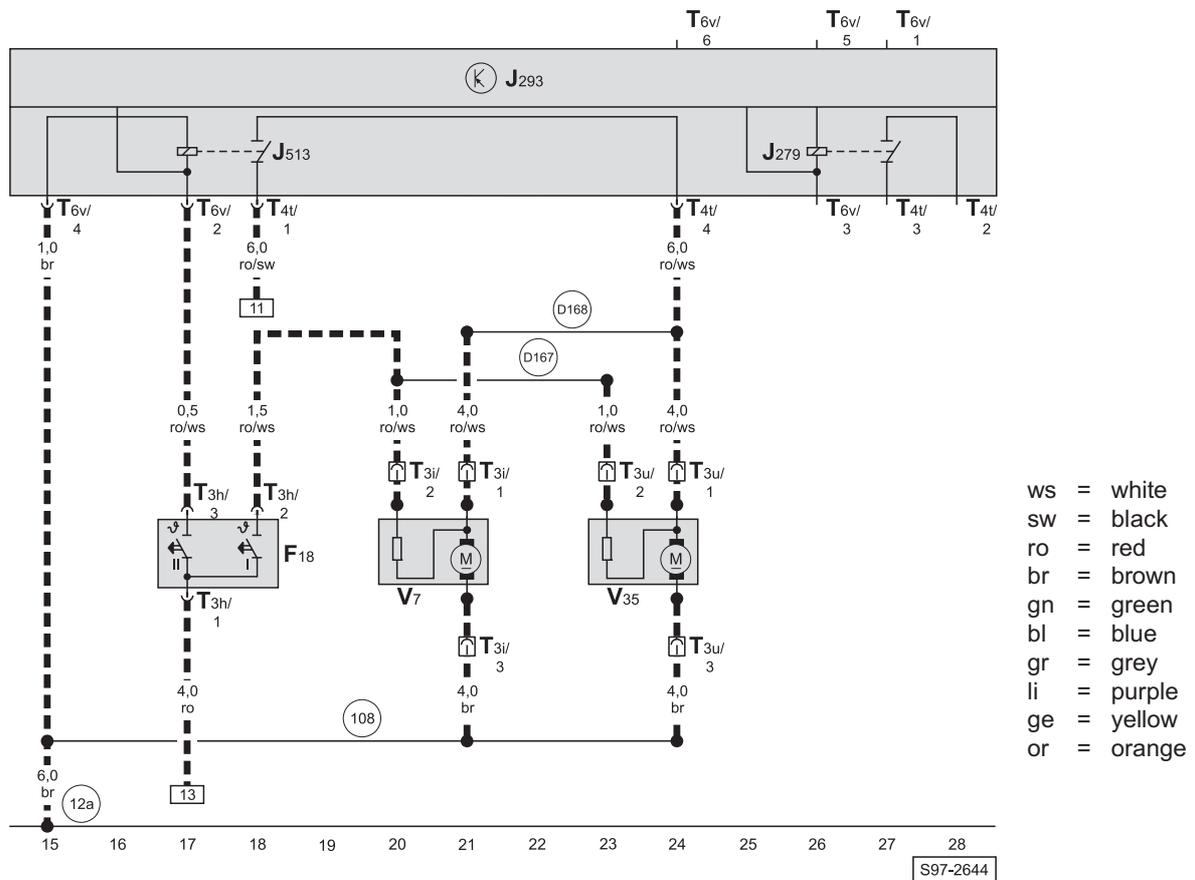
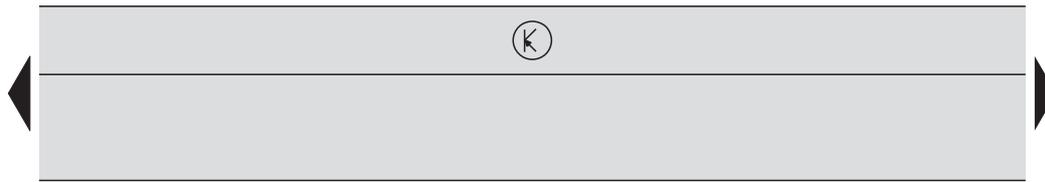


- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange

- A - Battery
- B - Starter
- C - Alternator
- C1 - Voltage regulator
- D - Ignition/starter switch
- S162 - Fuse -1- (30), in fuse holder on battery
- S176 - Fuse -4- (30), in fuse holder on battery
- S177 - Fuse -5- (30), in fuse holder on battery
- S180 - Fuse -8- (30), in fuse holder on battery
- T1a - 1-pin connector, at starter
- T2v - 2-pin connector, at alternator
- T2w - 2-pin connector, in bracket at gearbox
- T6n - 6-pin connector, at left of bulkhead (blue)
- T8a - 8-pin connector, at ignition/starter switch
- T11a - 11-pin connector, at left of bulkhead (white)
- T18a - 18-pin connector, at electrical system control unit (brown)

- (P1) - Positive connection (30), in fuse holder on battery
- - Does not apply to models with air conditioning

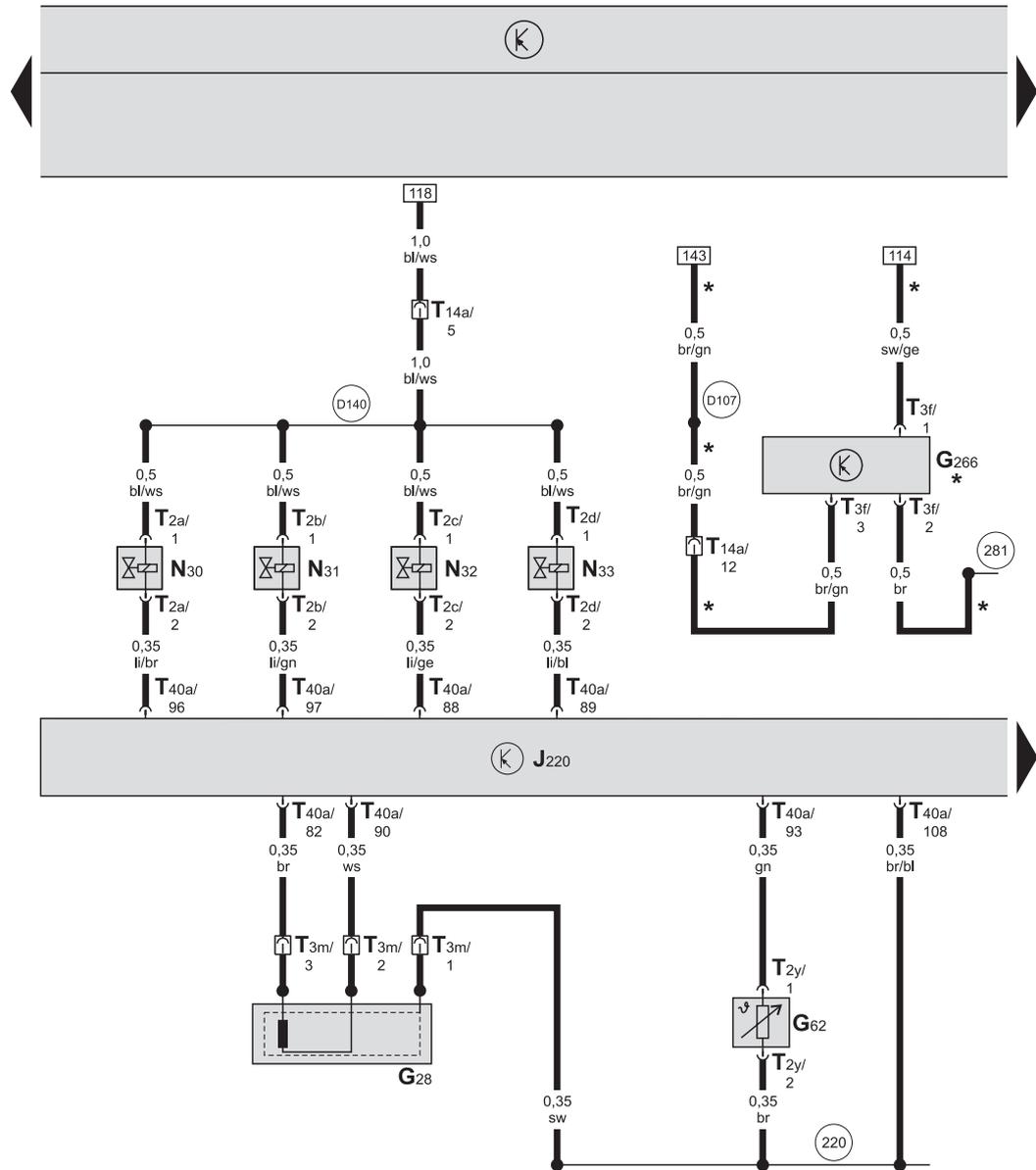
Radiator fan control unit, radiator fan thermoswitch, radiator fan



- F18 - Radiator fan thermoswitch
- J279 - Radiator fan relay, stage 1
- J293 - Radiator fan control unit
- J513 - Radiator fan relay, stage 2
- T3h - 3-pin connector, at radiator fan thermoswitch
- T3i - 3-pin connector, in bracket on left of radiator
- T3u - 3-pin connector, in bracket on left of radiator
- T4t - 4-pin connector, at radiator fan control unit
- T6v - 6-pin connector, at radiator fan control unit
- V7 - Radiator fan
- V35 - Radiator fan, right

- 12a - Earth point -2-, in engine compartment, on left below battery (at side member)
- 108 - Earth connection, in front left wiring harness
- D167 - Connection (fan stage 1), in engine compartment wiring loom
- D168 - Connection (fan stage 2), in engine compartment wiring loom
- - Does not apply to models with air conditioning

Motronic control unit, Injectors, Engine speed sender, Coolant temperature sender, Oil level/oil temperature sender



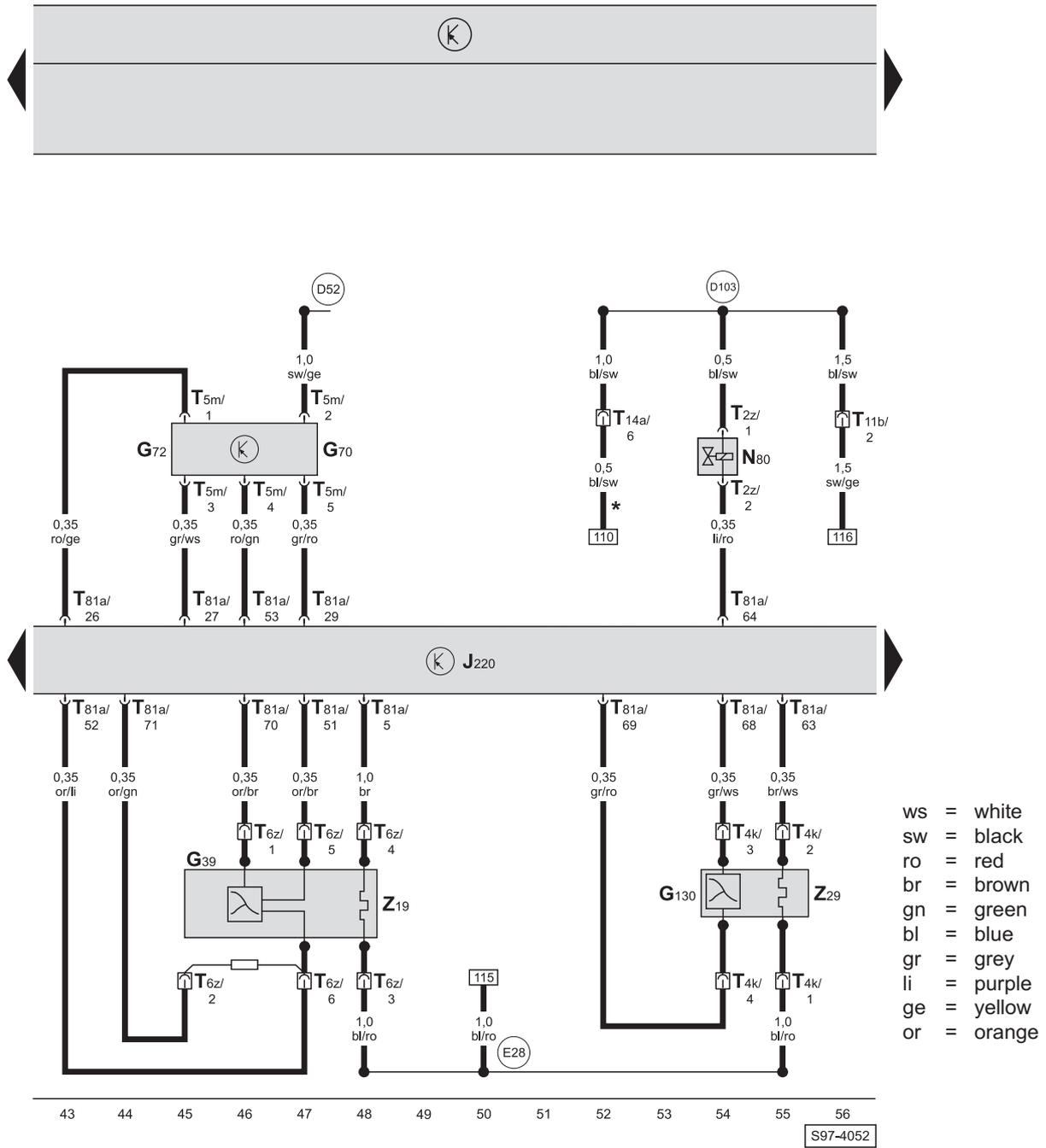
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange

29 30 31 32 33 34 35 36 37 38 39 40 41 42
S97-4051

- G28 - Engine speed sender
- G62 - Coolant temperature sender
- G266 - Oil level/oil temperature sender
- J220 - Motronic control unit
- N30 - Injector cylinder 1
- N31 - Injector cylinder 2
- N32 - Injector cylinder 3
- N33 - Injector cylinder 4
- T2a - 2-pin connector, at injector cylinder 1
- T2b - 2-pin connector, at injector cylinder 2
- T2c - 2-pin connector, at injector cylinder 3
- T2d - 2-pin connector, at injector cylinder 4
- T2y - 2-pin connector, at coolant temperature sender
- T3f - Connector, 3-pin, at oil level/oil temperature sender
- T3m - 3-pin connector, at engine speed sender
- T14a - Connector, 14-pin, in left of engine compartment (connection of the engine pre-assembly wiring loom/engine compartment wiring loom)
- T40a - 40-pin connector, at engine control unit

- (220) - Earth connection (sender earth), in engine pre-wiring harness
- (281) - Earth connection -1-, in engine pre-assembly wiring loom
- (D107) - Connection -5- (Oil level/oil temperature sender), left in engine compartment wiring harness
- (D140) - Connection (injectors), in engine assembly wiring loom
- * - applies only to models with extended service interval (ESI)

Motronic control unit, lambda probe, lambda probe downstream of catalytic converter, air mass meter and intake manifold temperature sender, activated charcoal filter system solenoid valve

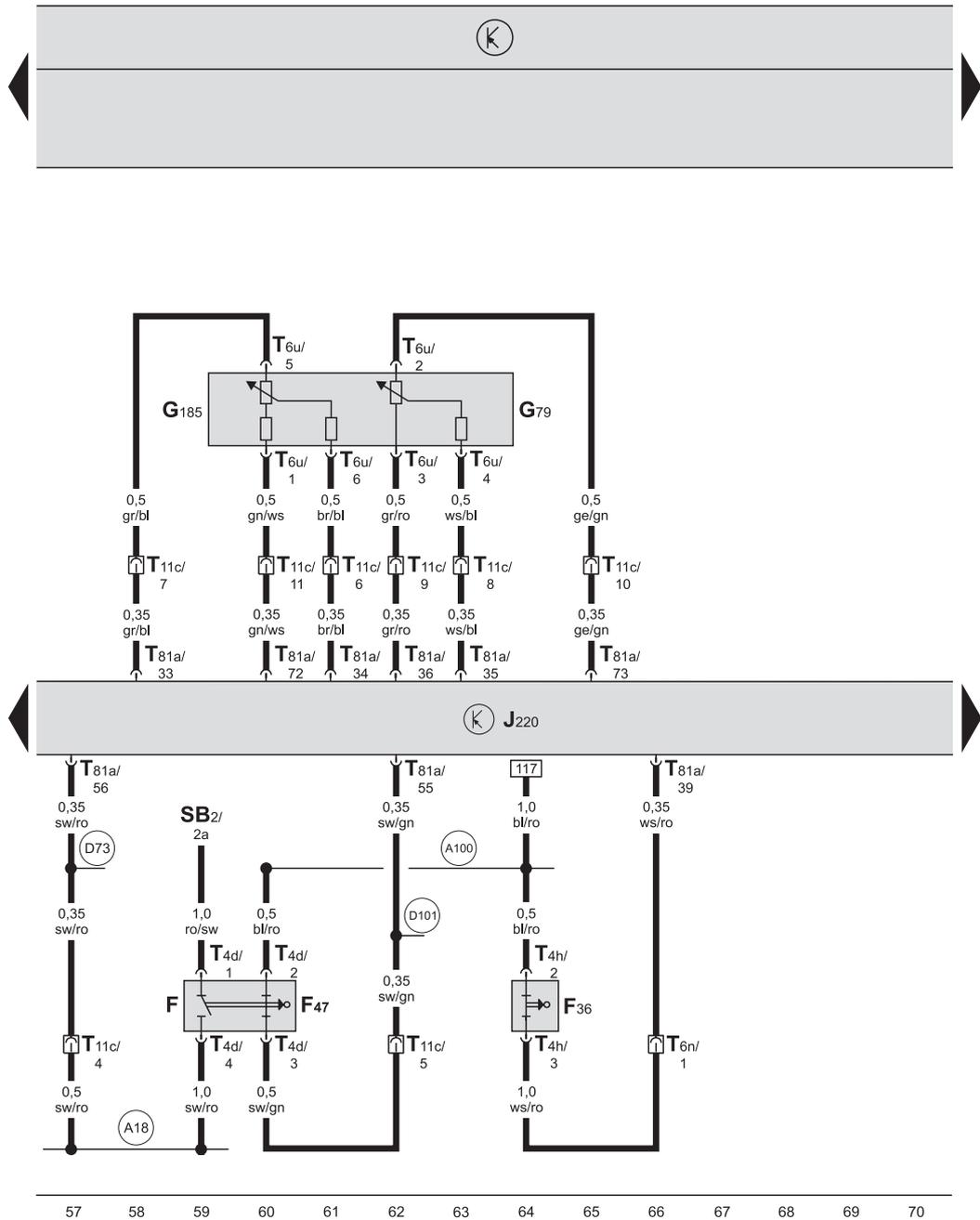


- G39 - Lambda probe
- G70 - Air mass meter
- G72 - Intake manifold temperature sender
- G130 - Lambda probe downstream of catalytic converter
- J220 - Motronic control unit
- N80 - Activated charcoal filter system solenoid valve
- T2z - 2-pin connector, at activated charcoal filter system solenoid valve
- T4k - Connector, 4-pin, close to lambda probe downstream of catalytic converter
- T5m - Plug connection, 5-pin, at air mass meter and intake manifold temperature sender
- T6z - Connector, 6-pin, close to lambda probe
- T11b - 11-pin connector, at left of bulkhead (red)
- T14a - Connector, 14-pin, in left of engine compartment (connection of the engine pre-assembly wiring loom/ engine compartment wiring loom)
- T81a - 81-pin connector, at engine control unit
- Z19 - Lambda probe heater
- Z29 - Lambda probe heater downstream of catalytic converter

- (D52) - Positive connection (15a), in engine compartment wiring loom
- (D103) - Connection -3- (87a), in engine compartment wiring loom
- (E28) - Connection (lambda probe heater), in engine compartment wiring loom

* - Applies only to models with optional equipment

Motronic control unit, accelerator pedal position sender, brake pedal switch, clutch pedal switch



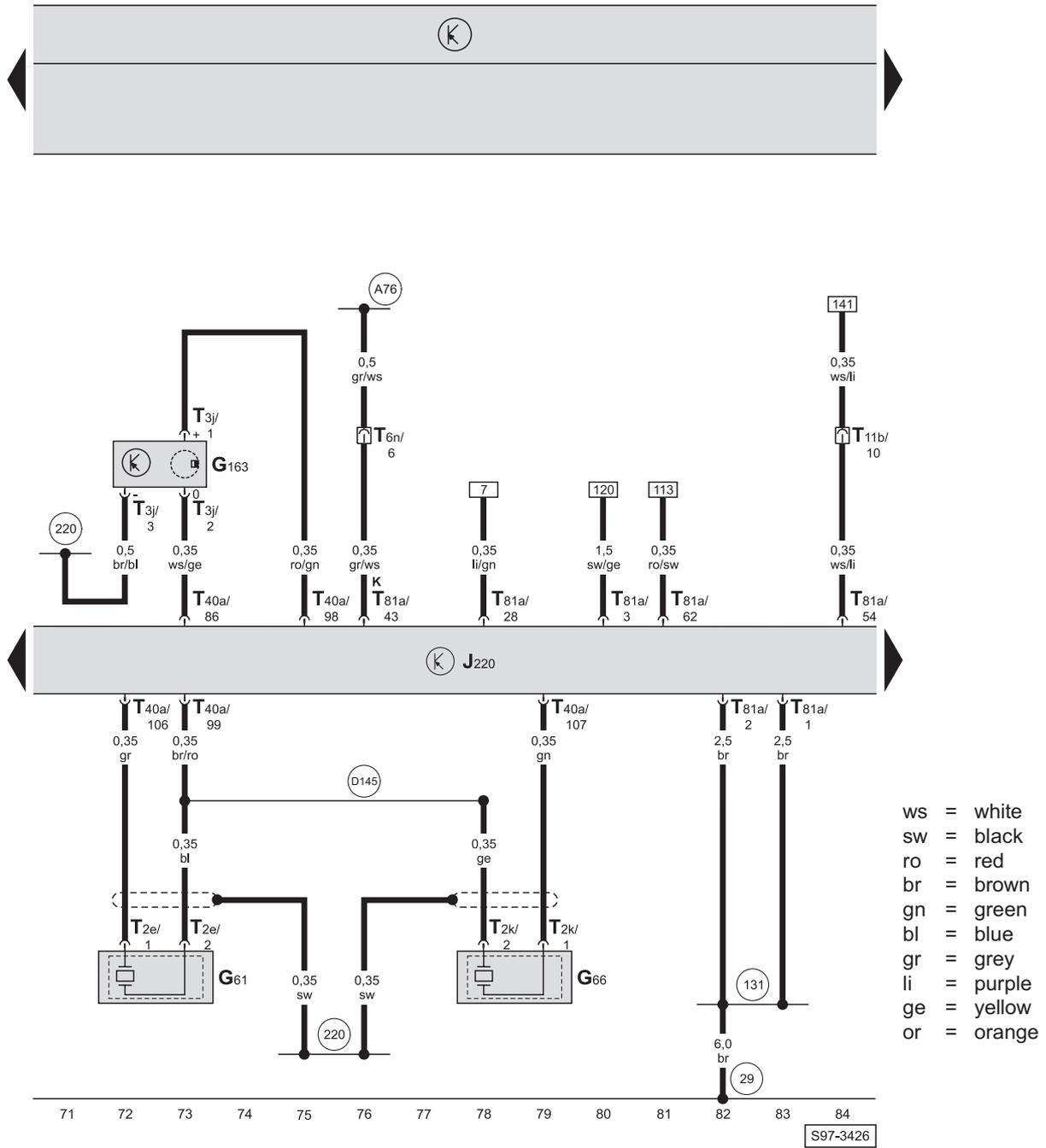
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange

- F - Brake light switch
- F36 - Clutch pedal switch
- F47 - Brake pedal switch
- G79 - Accelerator position sender
- G185 - Accelerator pedal position sender -2-
- J220 - Motronic control unit
- SB2 - Fuse, in fuse holder
- T4d - 4-pin connector, at brake pedal switch
- T4h - 4-pin connector, at clutch pedal switch
- T6n - 6-pin connector, at left of bulkhead (blue)
- T6u - 6-pin connector, at accelerator pedal position sender
- T11c - 11-pin connector, at left of bulkhead (blue)
- T81a - 81-pin connector, at engine control unit

- (A18) - Connection (54), in wiring loom behind dash panel
- (A100) - Connection (87a), in wiring loom behind dash panel
- (D73) - Connection (54), in left of engine compartment wiring loom
- (D101) - Connection (brake pedal switch), in engine compartment wiring loom

S97-3425

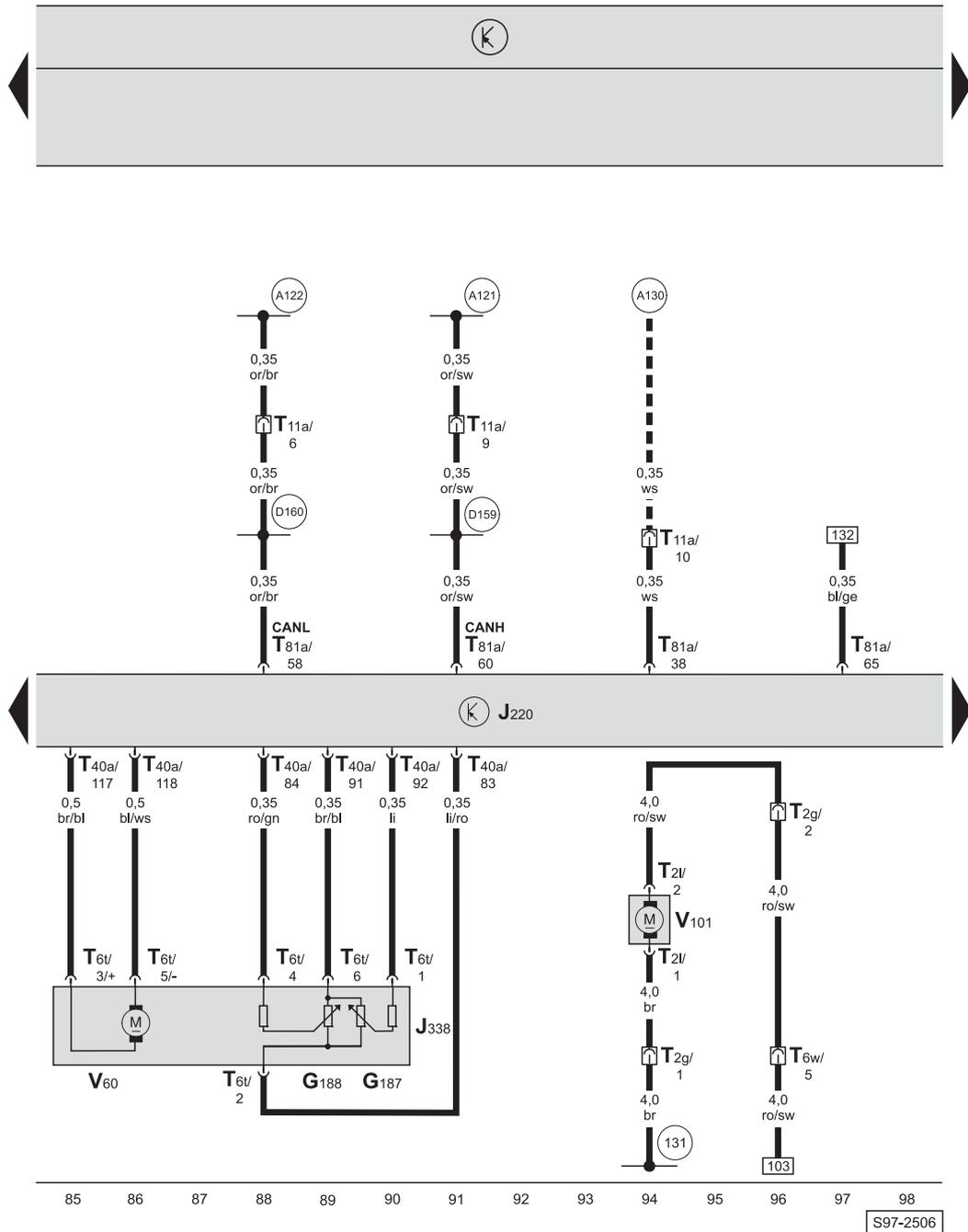
Motronic control unit, knock sensor I, knock sensor II, camshaft position sender



- G61 - Knock sensor I
- G66 - Knock sensor II
- G163 - Camshaft position sender
- J220 - Motronic control unit
- T2e - 2-pin connector, at knock sensor I
- T2k - 2-pin connector, at knock sensor II
- T3j - 3-pin connector, at camshaft position sender
- T6n - 6-pin connector, at left of bulkhead (blue)
- T11b - 11-pin connector, at left of bulkhead (red)
- T40a - 40-pin connector, at engine control unit
- T81a - 81-pin connector, at engine control unit

- 29 - Earth point, in left of engine compartment, behind battery (at suspension strut mounting)
- 131 - Earth connection -2-, in engine compartment wiring harness
- 220 - Earth connection (sender earth), in engine pre-wiring wiring harness
- A76 - Connection (K diagnosis wire), in wiring loom behind dash panel on left
- D145 - Connection (knock sensors), in engine pre-wiring wiring harness

Motronic control unit, throttle valve control unit, secondary air pump motor

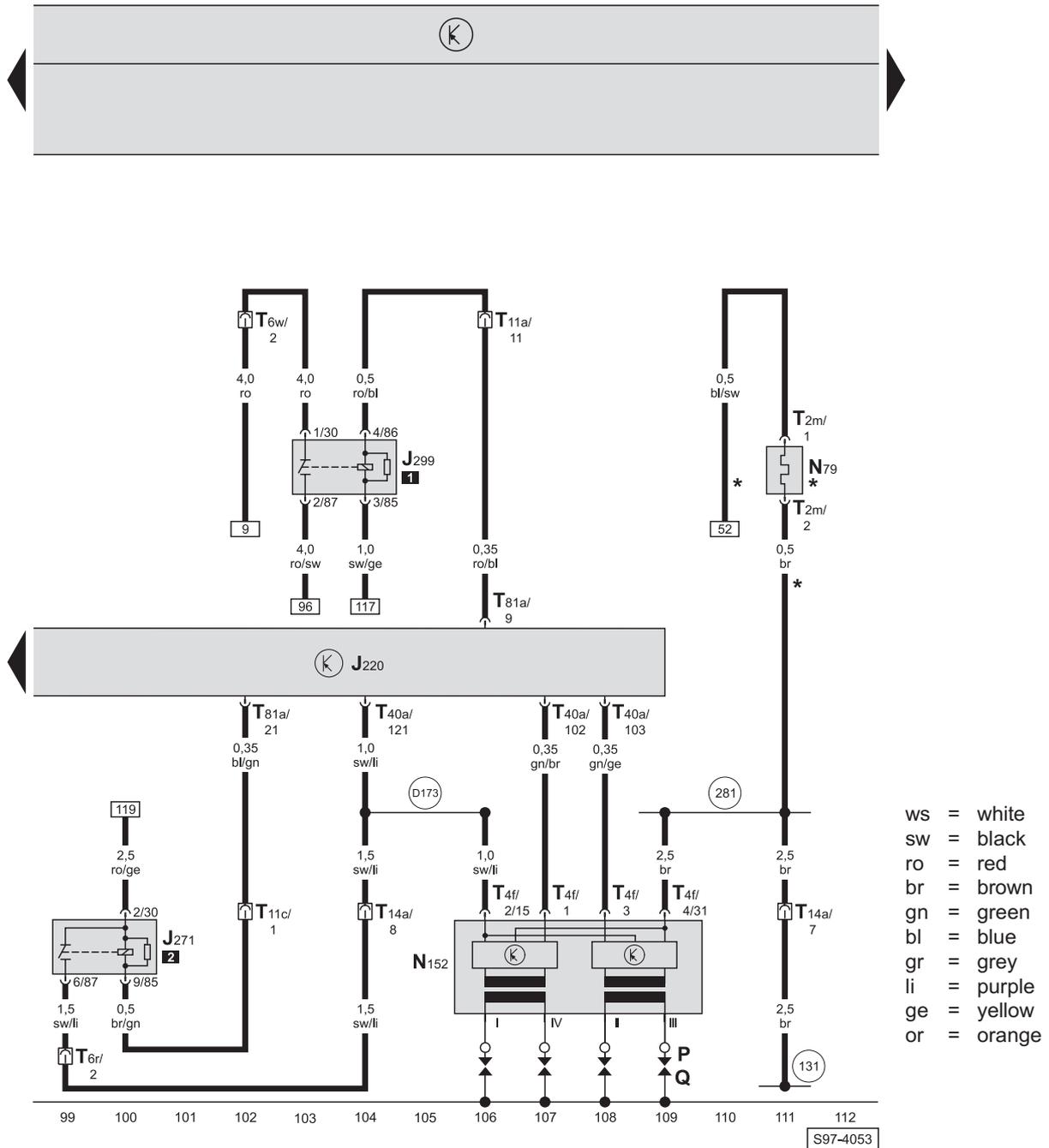


- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange

- G187 - Angle sender -1- for throttle valve drive (electric throttle operation)
- G188 - Angle sender -2- for throttle valve drive (electric throttle operation)
- J220 - Motronic control unit
- J338 - Throttle valve control unit
- T2g - 2-pin connector, in left of engine compartment (connection of engine assembly wiring loom/engine compartment wiring loom)
- T2l - 2-pin connector, at secondary air pump motor
- T6t - 6-pin connector, at throttle valve control unit
- T6w - 6-pin connector, at left of bulkhead (grey)
- T11a - 11-pin connector, at left of bulkhead (white)
- T40a - 40-pin connector, at engine control unit
- T81a - 81-pin connector, at engine control unit
- V60 - Throttle valve positioner
- V101 - Secondary air pump motor

- 131 - Earth connection -2-, in engine compartment wiring harness
- A121 - Connection (CAN-H), in wiring loom behind dash panel on
- A122 - Connection (CAN-L), in wiring loom behind dash panel
- A130 - Connection (CCS), in wiring loom behind dash panel on left
- D159 - Connection (CAN-H), in engine compartment wiring loom
- D160 - Connection (CAN-L), in engine compartment wiring loom
- - Applies only to models with CCS

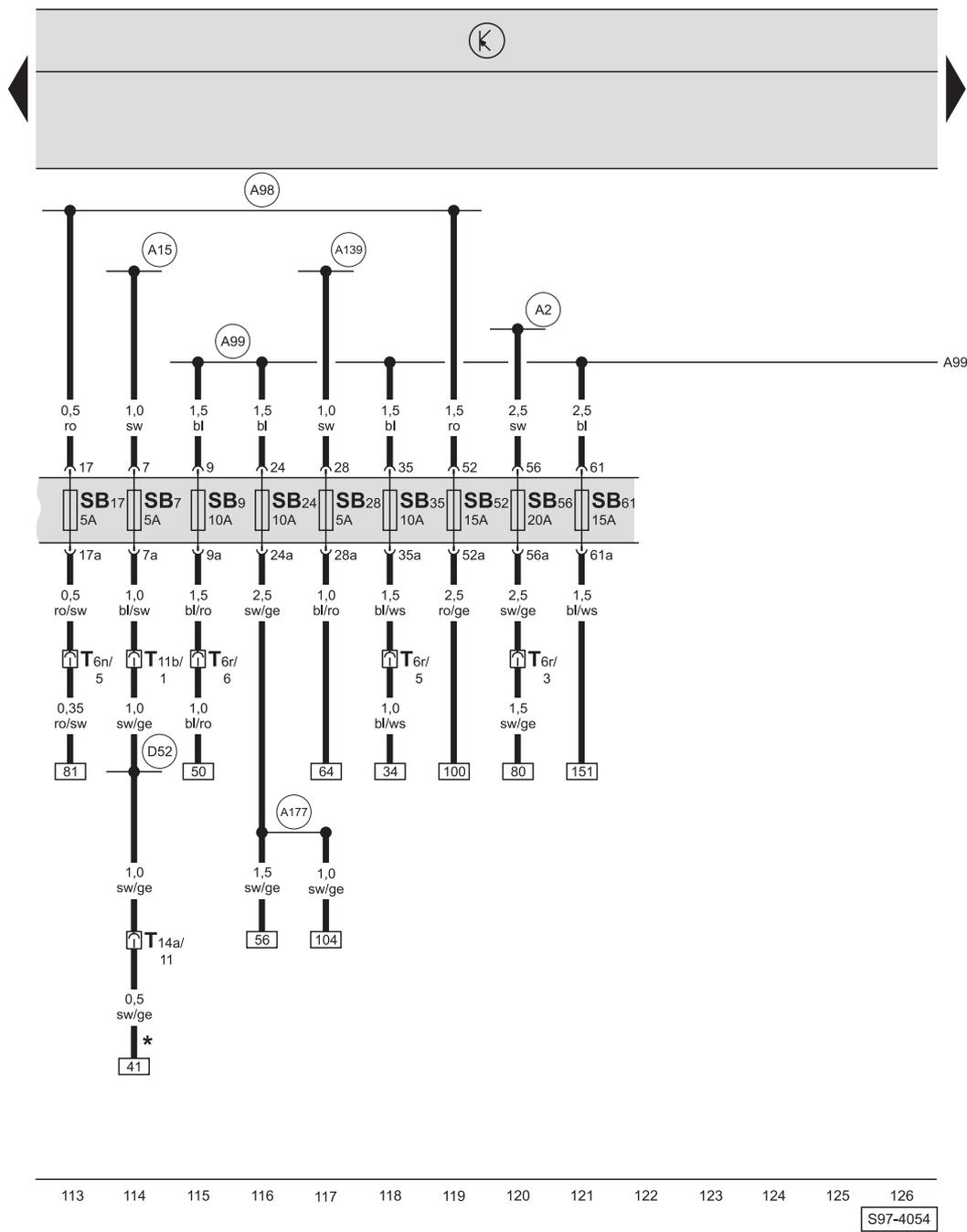
Motronic control unit, ignition system, secondary air pump relay



- J220 - Motronic control unit
- J271 - Motronic power supply relay
- J299 - Secondary air pump relay
- N79 - Crankcase breather heater element
- N152 - Ignition transformer
- P - Spark plug connector
- Q - Spark plugs
- T2m - 2-pin connector, at crankcase breather heater element
- T4f - 4-pin connector, at ignition transformer
- T6r - 6-pin connector, at left of bulkhead (brown)
- T6w - 6-pin connector, at left of bulkhead (grey)
- T11a - 11-pin connector, at left of bulkhead (white)
- T11c - 11-pin connector, at left of bulkhead (blue)
- T14a - Connector, 14-pin, in left of engine compartment (connection of the engine pre-assembly wiring loom/ engine compartment wiring loom)
- T40a - 40-pin connector, at engine control unit
- T81a - 81-pin connector, at engine control unit

- (131) - Earth connection -2-, in engine compartment wiring harness
- (281) - Earth connection -1-, in engine pre-assembly wiring loom
- (D173) - Connection (87), in engine assembly wiring loom
- * - Applies only to models with optional equipment

Fuse holder



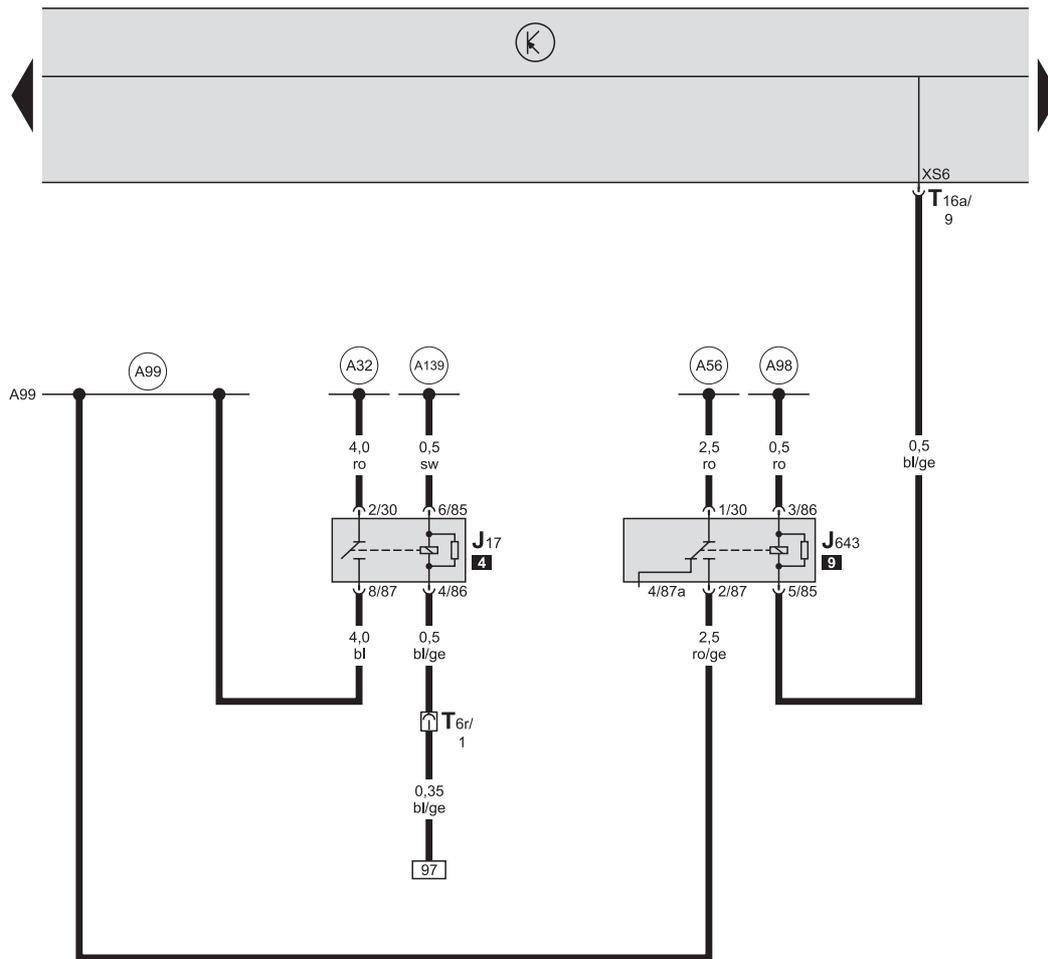
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange

- T6n - 6-pin connector, at left of bulkhead (blue)
- T6r - 6-pin connector, at left of bulkhead (brown)
- T11b - 11-pin connector, at left of bulkhead (red)
- T14a - Connector, 14-pin, in left of engine compartment (connection of the engine pre-assembly wiring loom/engine compartment wiring loom)

- (A2) - Positive connection (15), in wiring loom behind dash panel
- (A15) - Positive connection (15), in wiring loom behind dash panel
- (A98) - Positive connection (30a), in wiring loom behind dash panel (applies only to models with telephone system)
- (A99) - Connection (87), in wiring loom behind dash panel
- (A139) - Positive connection (15), in wiring loom behind dash panel
- (A177) - Connection (87), in wiring loom behind dash panel
- (D52) - Positive connection (15a), in engine compartment wiring loom

* - applies only to models with extended service interval (ESI)

Fuel pump relay, fuel feed relay



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

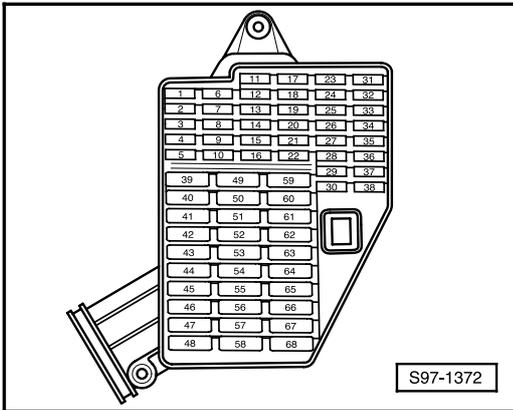
127 128 129 130 131 132 133 134 135 136 137 138 139 140
S97-3506

- J17 - Fuel pump relay
- J643 - Fuel feed relay
- T6r - 6-pin connector, at left of bulkhead (brown)
- T16a - 16-pin connector, at electrical system control unit (black)

- A32 - Positive connection (30a), in wiring loom behind dash panel on left
- A56 - Positive connection (30a), in wiring loom behind dash panel
- A98 - Positive connection (30a), in wiring loom behind dash panel (applies only to models with telephone system)
- A99 - Connection (87), in wiring loom behind dash panel
- A139 - Positive connection (15), in wiring loom behind dash panel

1.9 I/47 kW - SDI, engine code ASY, from August 2003

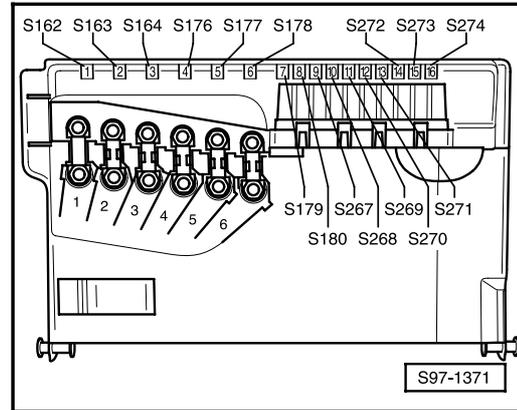
Fuse holder:



Fuse colours

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

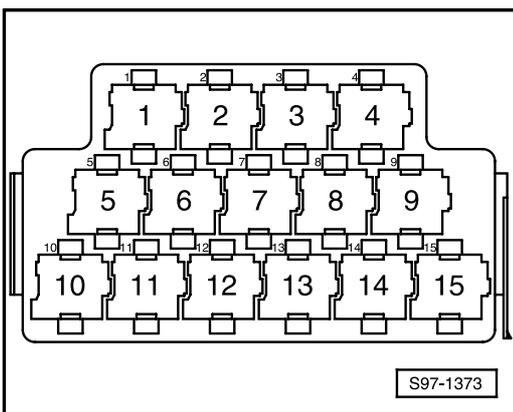
Fuse holder on battery:



Fuse colours

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

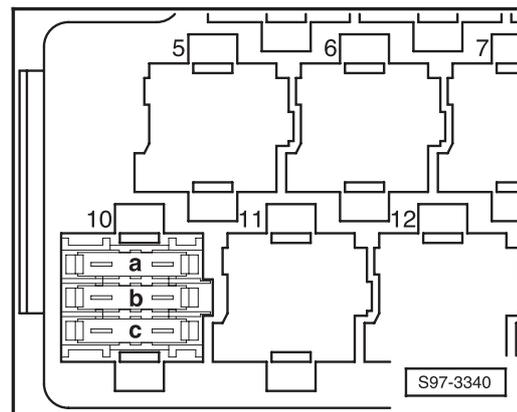
Relay holder:



Relay position assignment:

- 3** - Glow plug relay
- 8** - Low heating capacity relay
- 9** - High heating capacity relay
- 15** - Diesel direct injection system relay

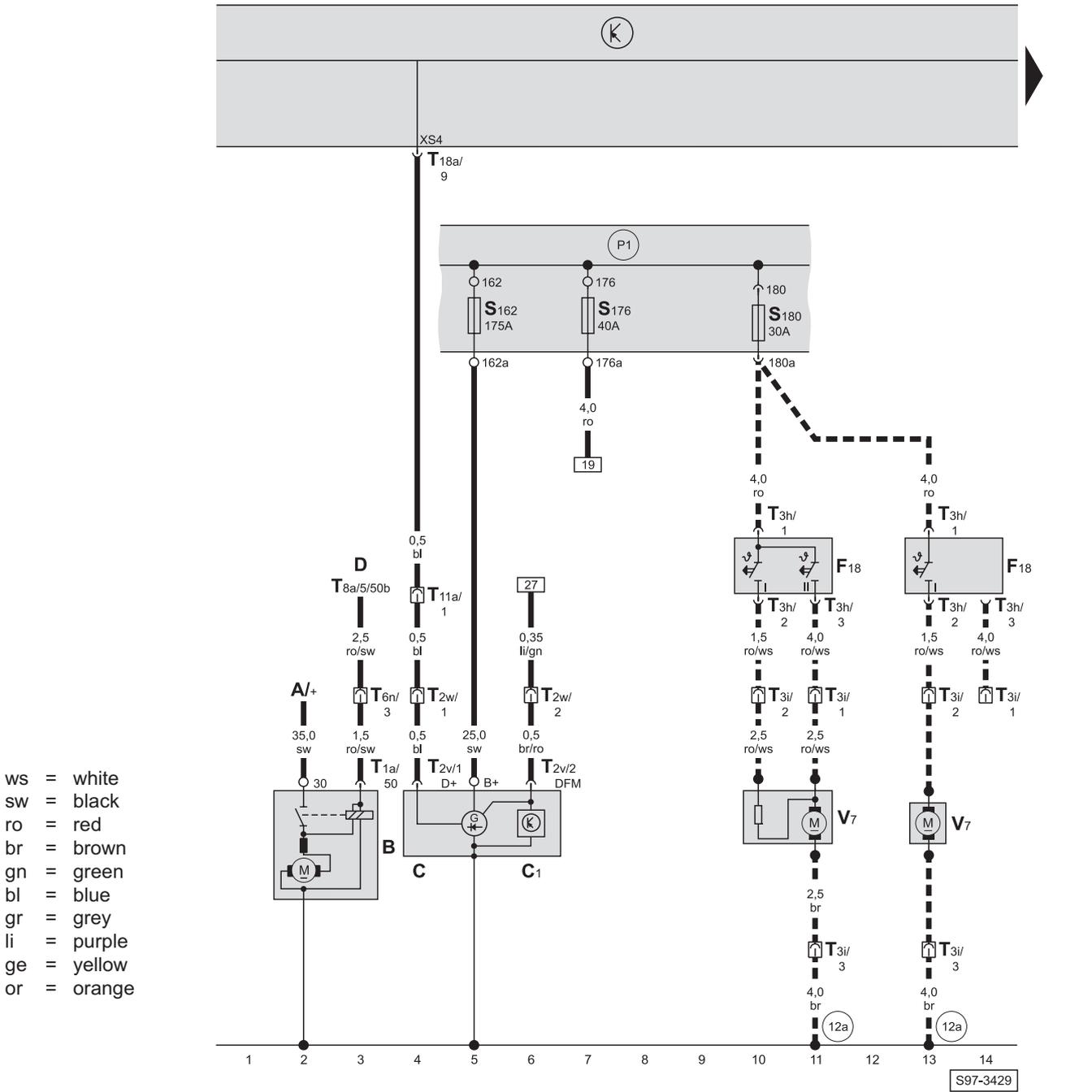
Additional fuse holder:



Fuse position assignment:

- a** - S276 - Fuse -1- for heating element
- b** - S277 - Fuse -2- for heating element
- c** - S278 - Fuse -3- for heating element

Starter, alternator, radiator fan, fuse holder on battery

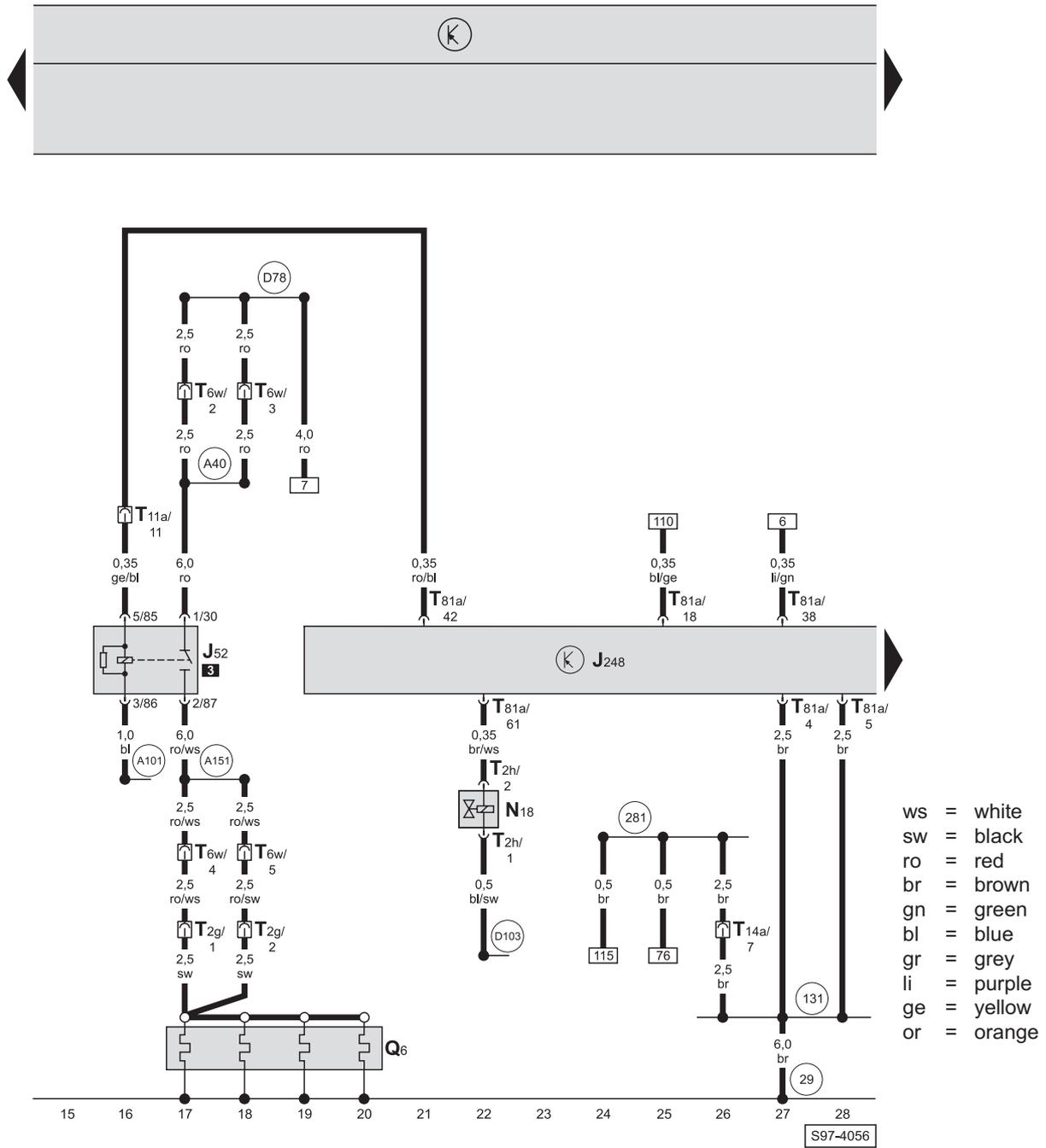


- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange

- A - Battery
- B - Starter
- C - Alternator
- C1 - Voltage regulator
- D - Ignition/starter switch
- F18 - Radiator fan thermoswitch
- S162 - Fuse -1- (30), in fuse holder on battery
- S176 - Fuse -4- (30), in fuse holder on battery
- S180 - Fuse -8- (30), in fuse holder on battery
- T1a - 1-pin connector, at starter
- T2v - 2-pin connector, at alternator
- T2w - 2-pin connector, in bracket at gearbox
- T3h - 3-pin connector, at radiator fan thermoswitch
- T3i - 3-pin connector, in bracket on left of radiator
- T6n - 6-pin connector, at left of bulkhead (blue)
- T8a - 8-pin connector, at ignition/starter switch
- T11a - 11-pin connector, at left of bulkhead (white)
- T18a - 18-pin connector, at electrical system control unit (brown)
- V7 - Radiator fan

- 12a - Earth point -2-, in engine compartment, on left below battery (at side member)
- P1 - Positive connection (30), in fuse holder on battery
- - Thermoswitch and radiator fan vary according to optional equipment (does not apply to models with air conditioning)

Diesel direct injection system control unit, glow plug relay, glow plugs, EGR valve



- J52 - Glow plug relay
- J248 - Diesel direct injection system control unit
- N18 - EGR valve
- Q6 - Glow plugs
- T2g - 2-pin connector, in left of engine compartment (connection of engine assembly wiring loom/engine compartment wiring loom)
- T2h - 2-pin connector, at exhaust gas recirculation valve
- T6w - 6-pin connector, at left of bulkhead (grey)
- T11a - 11-pin connector, at left of bulkhead (white)
- T14a - Connector, 14-pin, in left of engine compartment (connection of the engine pre-assembly wiring loom/engine compartment wiring loom)
- T81a - 81-pin connector, at engine control unit

- 29 - Earth point, in left of engine compartment, behind battery (at suspension strut mounting)
- 131 - Earth connection -2-, in engine compartment wiring harness
- 281 - Earth connection -1-, in engine pre-assembly wiring loom
- A40 - Positive connection (30a), in wiring loom behind dash panel
- A101 - Connection (87), in wiring loom behind dash panel
- A151 - Connection (87), in wiring loom behind dash panel
- D78 - Positive connection -1- (30a), in engine compartment wiring loom
- D103 - Connection -3- (87a), in engine compartment wiring loom