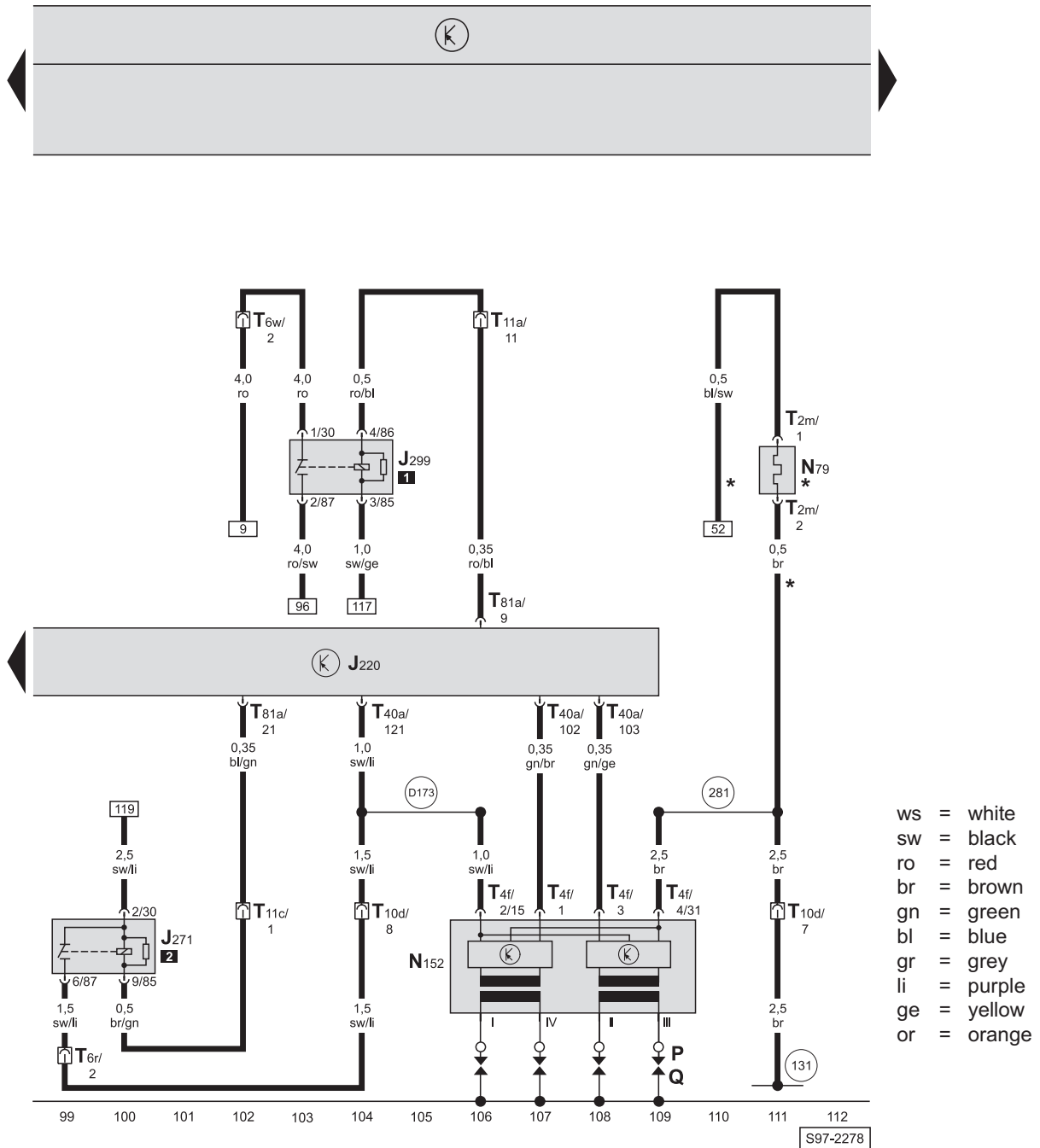


Motronic control unit, ignition system, secondary air pump relay

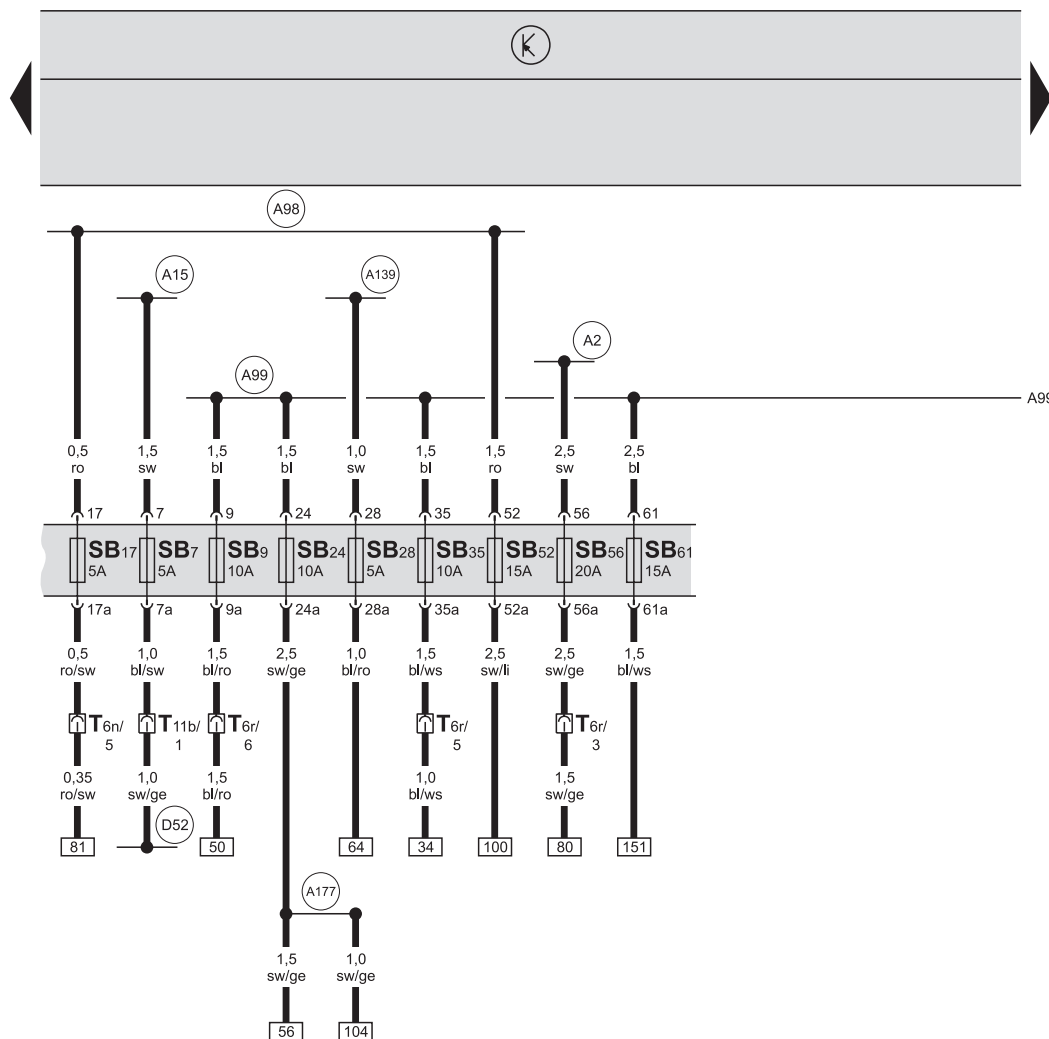


ws = white  
 sw = black  
 ro = red  
 br = brown  
 gn = green  
 bl = blue  
 gr = grey  
 li = purple  
 ge = yellow  
 or = orange

- 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)
- T10d - 10-pin connector, in left of engine compartment (connection of engine assembly wiring loom/engine compartment wiring loom)
- 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

- (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

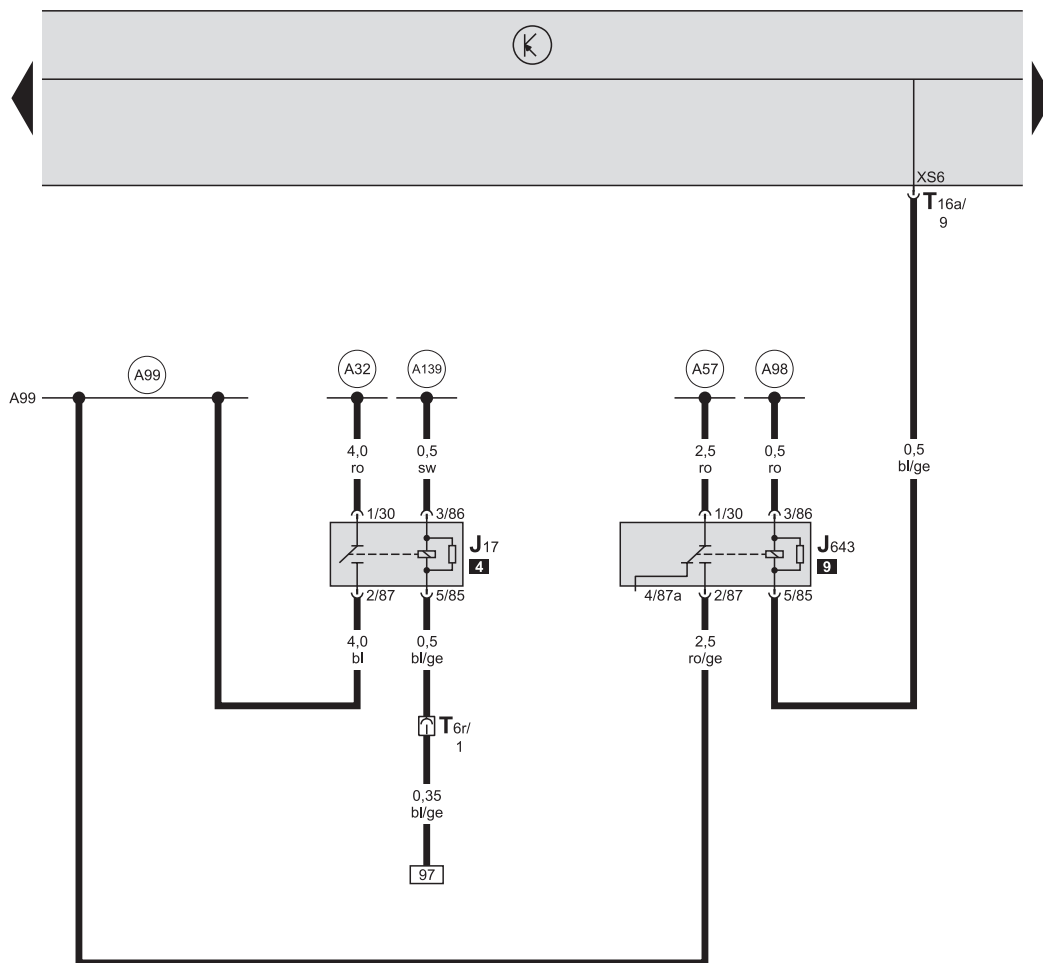


113 114 115 116 117 118 119 120 121 122 123 124 125 126  
S97-2507

- 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)

- 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

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

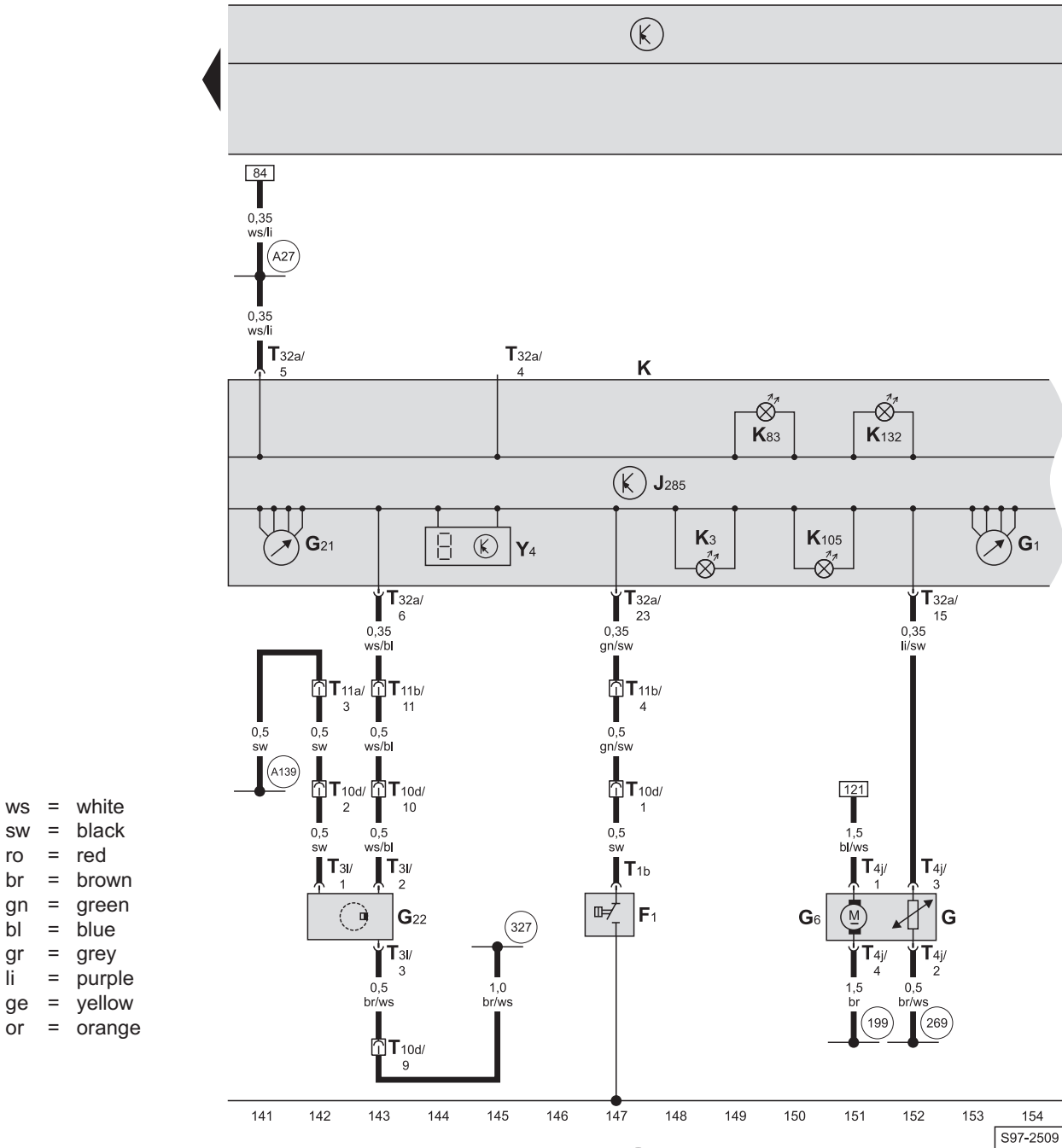
127 128 129 130 131 132 133 134 135 136 137 138 139 140

S97-2508

- 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
- (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)
- (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



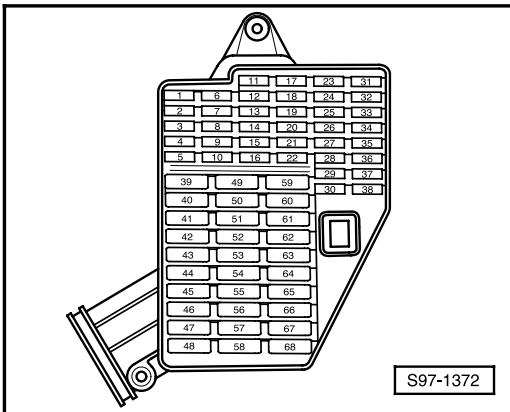
- F1 - Oil pressure switch
- G - Fuel gauge sender
- G1 - Fuel gauge
- G6 - Fuel pump
- G21 - Speedometer
- G22 - Speedometer sender
- J285 - Control unit in dash panel insert
- K - Dash panel insert
- K3 - Oil pressure warning lamp
- K83 - Exhaust gas warning lamp
- K105 - Reserve fuel warning lamp
- 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
- T10d - 10-pin connector, in left of engine compartment  
(connection of engine assembly wiring loom/engine compartment wiring loom)
- T11a - 11-pin connector, at left of bulkhead (white)
- T11b - 11-pin connector, at left of bulkhead (red)
- 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
- 327 - Earth connection (sender earth), in engine compartment wiring harness
- A27 - Connection (vehicle speed signal), in wiring loom behind dash panel
- A139 - Positive connection (15), in wiring loom behind dash panel

## Central locking

### Door warning lights, from July 2001

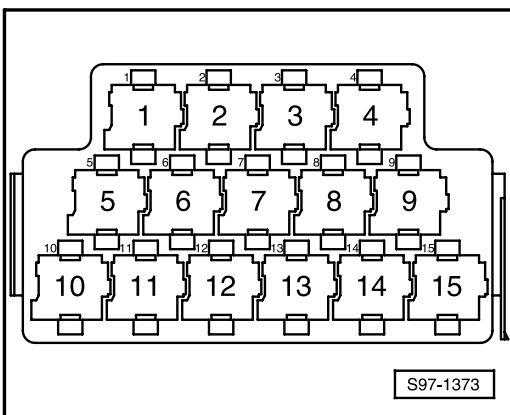
Fuse holder:



#### Fuse colours

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

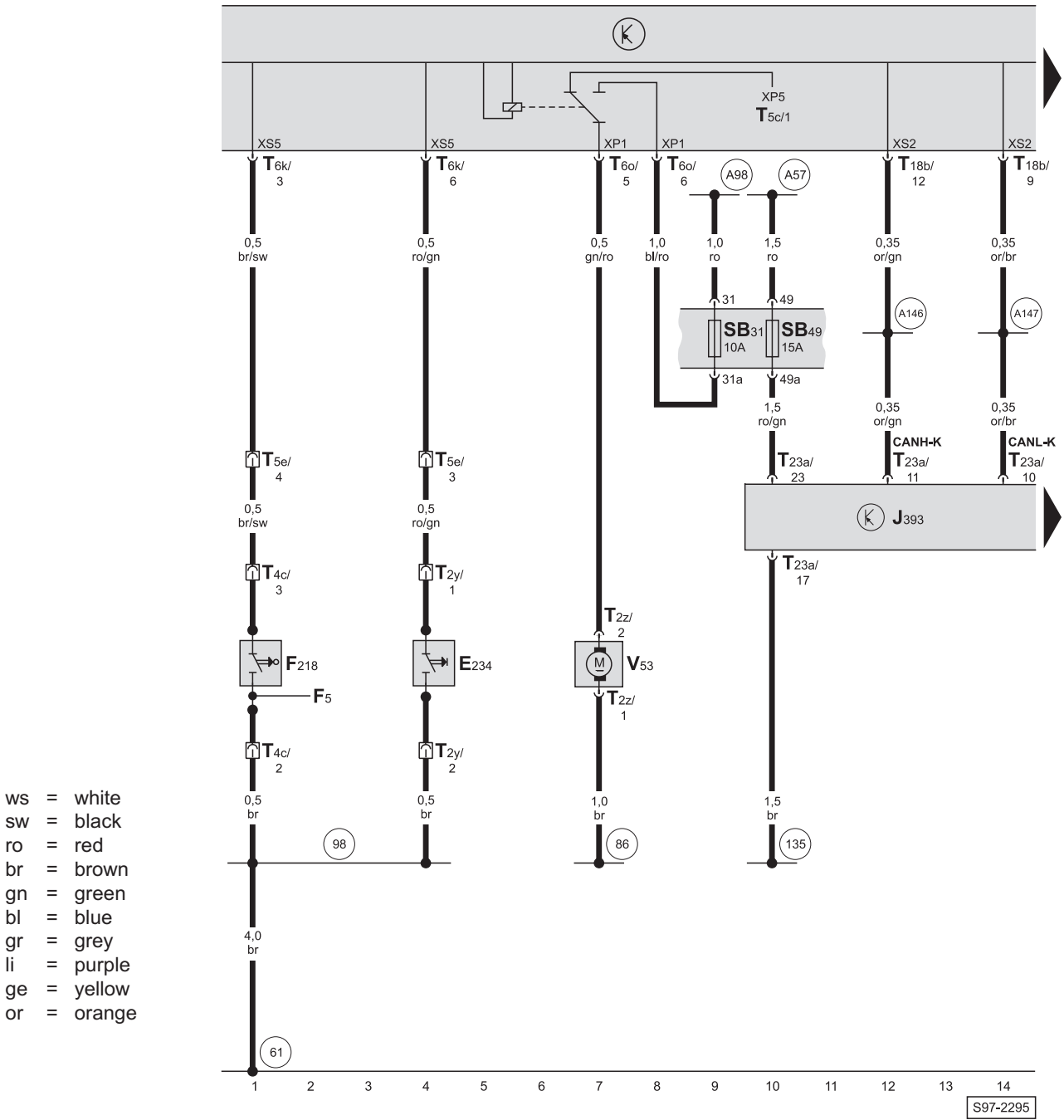
Relay holder:



#### Relay position assignment

- 5** - Door warning lights relay

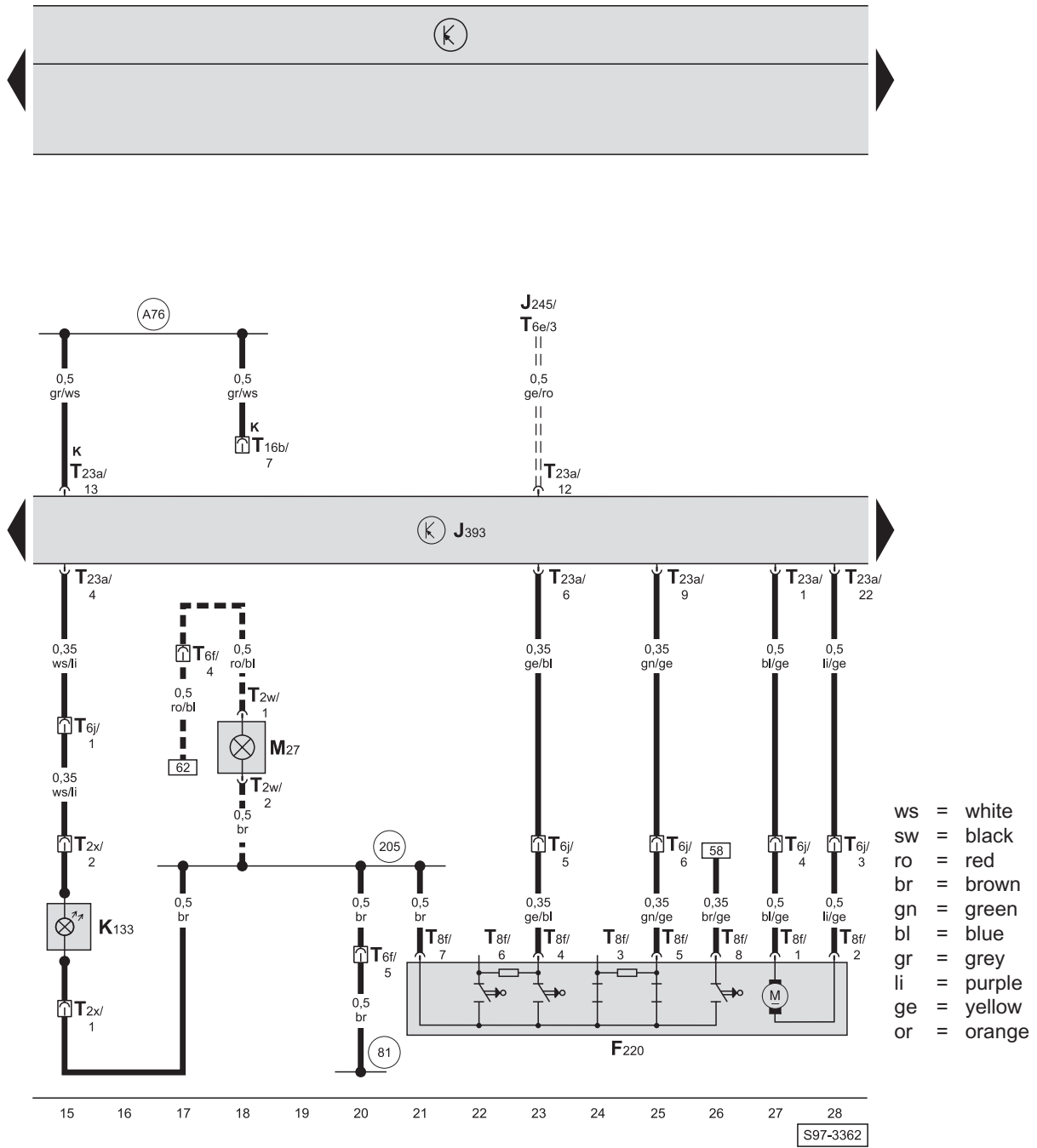
Convenience electrics central control unit, tailgate handle release button, central locking switch, tailgate central locking motor, fuse holder



- E234 - Tailgate handle release button
- F5 - Luggage compartment light switch
- S218 - Central locking switch, in tailgate lock
- J393 - Convenience electrics central control unit
- T2y - Connector, 2-pin, at tailgate handle release button
- T2z - 2-pin connector, at tailgate/boot lid central locking motor
- T4c - 4-pin connector, at boot/tailgate lock
- T5c - 5-pin connector, at electrical system control unit (brown)
- T5e - 5-pin connector, at left C pillar (black)
- T6k - 6-pin connector, at electrical system control unit (red)
- T6o - 6-pin connector, at electrical system control unit (black)
- T18b - 18-pin connector, at electrical system control unit (black)
- T23a - 23-pin connector, at convenience electrics central control unit
- V53 - Tailgate/boot lid central locking motor

- 61 - Earth point, C-pillar left
- 86 - Earth connection -1-, in rear interior wiring loom
- 98 - Earth connection, in engine compartment wiring harness
- 135 - Earth connection, in wiring harness 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)
- A146 - Connection (CAN-H, convenience), in wiring loom behind dash panel
- A147 - Connection (CAN-L, convenience), in wiring loom behind dash panel

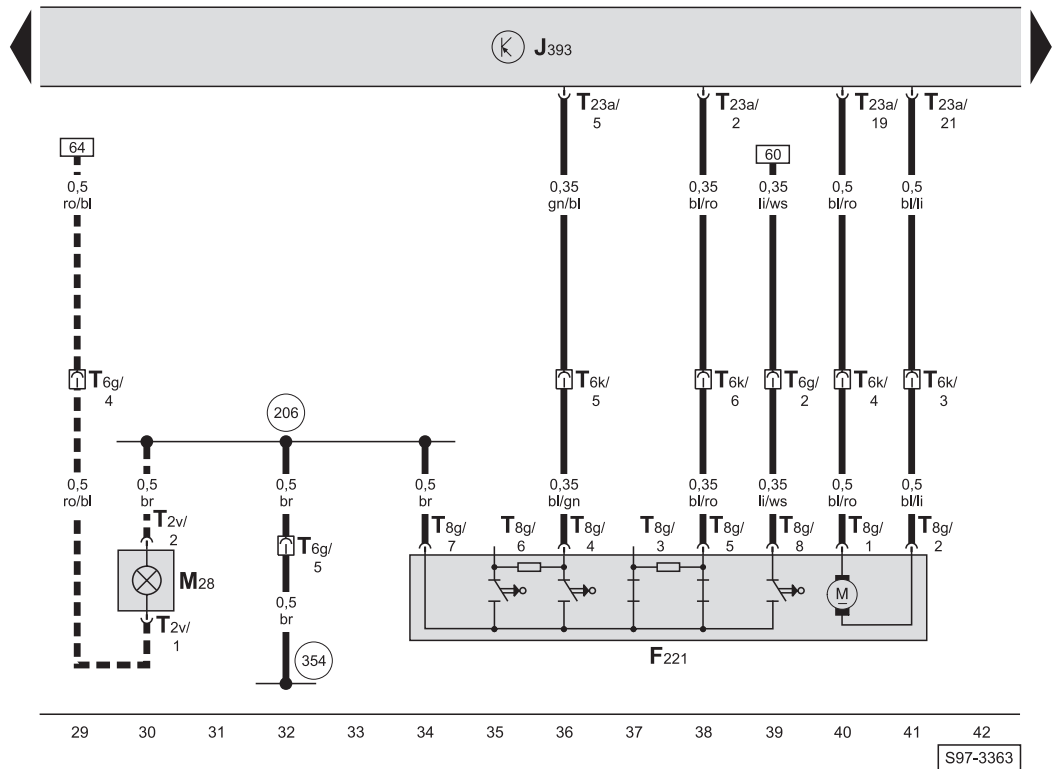
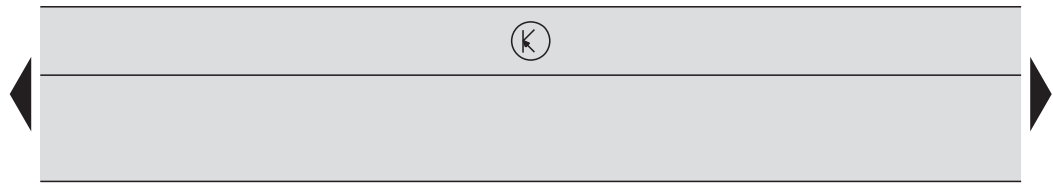
Convenience electrics central control unit, central locking locking unit - driver side, central locking warning light, left door warning light



- F220 - Central locking lock unit, driver side (switch position - released, door closed)
- J245 - Sliding roof adjustment control unit
- J393 - Convenience electrics central control unit
- K133 - Central locking warning lamp
- M27 - Left door warning light
- T2w - Connector, 2-pin, at left door warning light
- T2x - 2-pin connector, at central locking warning lamp
- T6e - 6-pin connector, at sliding roof adjustment control unit
- T6f - 6-pin connector, at left A pillar (brown)
- T6j - Connector, 6-pin, at left A pillar (white)
- T8f - 8-pin connector, at central locking locking unit, driver side
- T16b - 16-pin connector, in glove box on driver's side (diagnosis connection)
- T23a - 23-pin connector, at convenience electrics central control unit

- 81 - Earth connection, in wiring harness behind dash panel
- 205 - Earth connection, in wiring harness of door assembly wiring driver side
- A76 - Connection (K diagnosis wire), in wiring loom behind dash panel on left
- === - Applies only to models with electric sliding roof
- - Applies only to models with door warning lights

Convenience electrics central control unit, central locking locking unit - passenger side, right door warning light

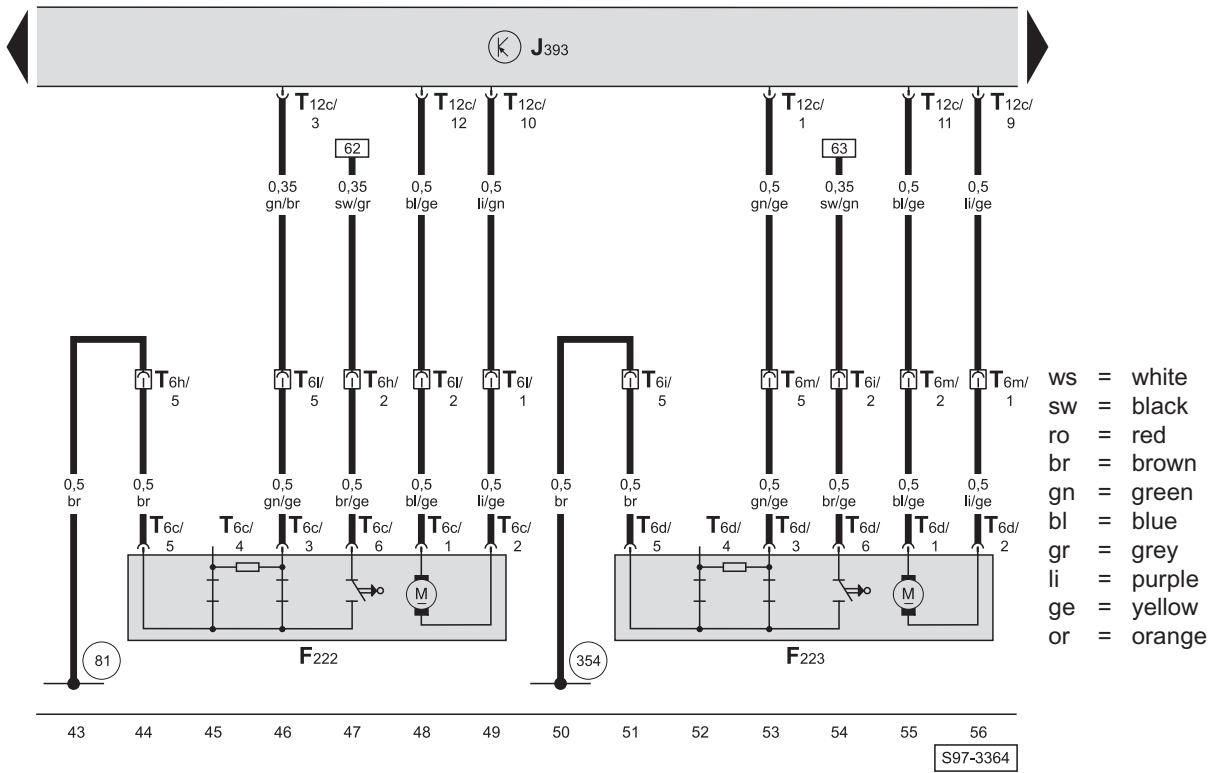
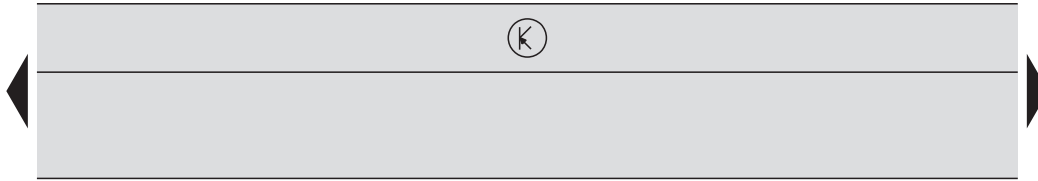


- F221 - Central locking lock unit, front passenger side (switch position - released, door closed)
- J393 - Convenience electrics central control unit
- M28 - Right door warning light
- T2v - Connector, 2-pin, at right door warning light
- T6g - 6-pin connector, at right A pillar (brown)
- T6k - Connector, 6-pin, at right A pillar (white)
- T8g - 8-pin connector, at central locking locking unit, passenger side
- T23a - 23-pin connector, at convenience electrics central control unit

- (206) - Earth connection, in door wiring loom - passenger side
- (354) - Earth connection, in wiring harness behind dash panel
- - Applies only to models with door warning lights



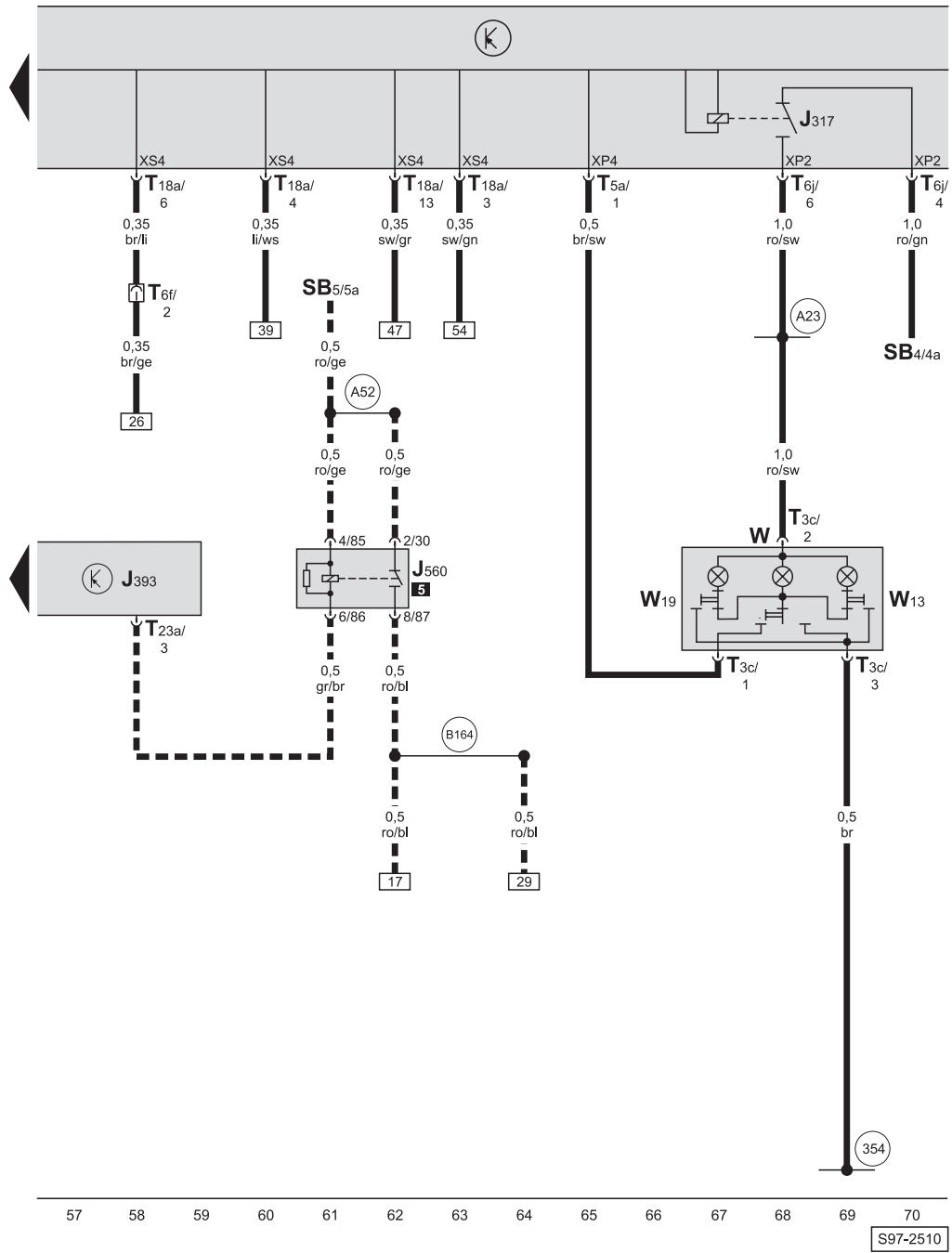
Convenience electrics central control unit, central locking locking unit - rear left, central locking locking unit - rear right



- F222 - Central locking lock unit, rear left (switch position - released, door closed)
- F223 - Central locking lock unit, rear right (switch position - released, door closed)
- J393 - Convenience electrics central control unit
- T6c - 6-pin connector, at rear left central locking locking unit
- T6d - 6-pin connector, at rear right central locking locking unit
- T6h - 6-pin connector, at left B pillar (brown)
- T6i - 6-pin connector, at right B pillar (brown)
- T6l - 6-pin connector, at left B pillar (blue)
- T6m - 6-pin connector, at right B pillar (blue)
- T12c - Connector, 12-pin, at convenience electrics central control unit, black

- 81 - Earth connection, in wiring harness behind dash panel
- 354 - Earth connection, in wiring harness behind dash panel

Convenience electrics central control unit, front interior light, door warning lights relay



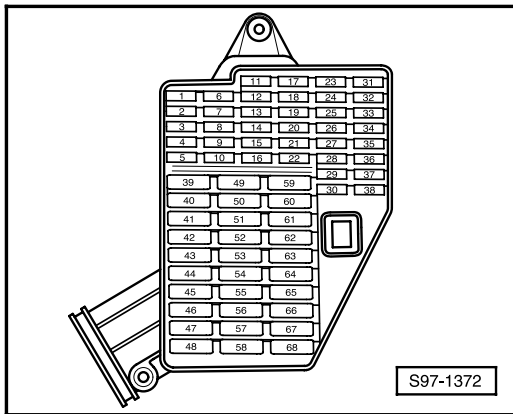
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange

- J317 - Terminal 30 voltage supply relay
- J393 - Convenience electrics central control unit
- J560 - Door warning lights relay
- SB4 - Fuse, in fuse holder
- SB5 - Fuse, in fuse holder
- T3c - 3-pin connector, at front interior light bulb
- T5a - 5-pin connector, at electrical system control unit (black)
- T6f - 6-pin connector, at left A pillar (brown)
- T6j - 6-pin connector, at electrical system control unit (brown)
- T18a - 18-pin connector, at electrical system control unit (brown)
- T23a - 23-pin connector, at convenience electrics central control unit
- W - Interior light, front
- W13 - Front passenger's reading light
- W19 - Driver-side reading light

- 354 - Earth connection, in wiring harness behind dash panel
- A23 - Positive connection (30al), in wiring loom behind dash panel
- A26 - Connection (left front door contact switch), in wiring loom behind dash panel
- A52 - Positive connection (30a), in wiring loom behind dash panel on left
- B164 - Connection (30, door warning light), in interior wiring loom
- - Applies only to models with door warning lights

# Automatic gearbox, from July 2001

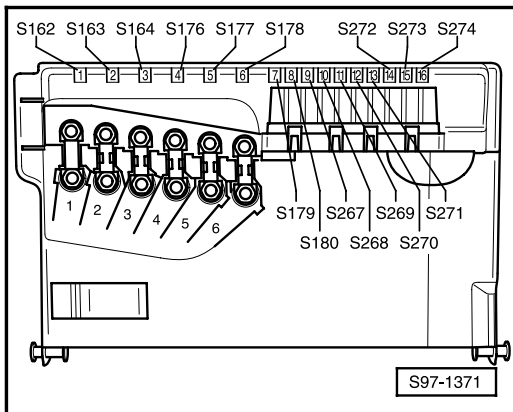
**Fuse holder:**



**Fuse colours**

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

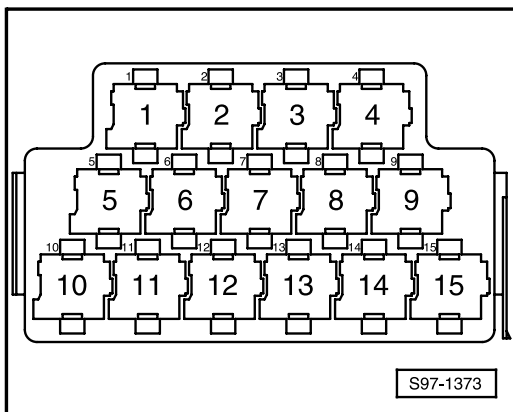
**Fuse holder on battery:**



**Fuse colours**

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

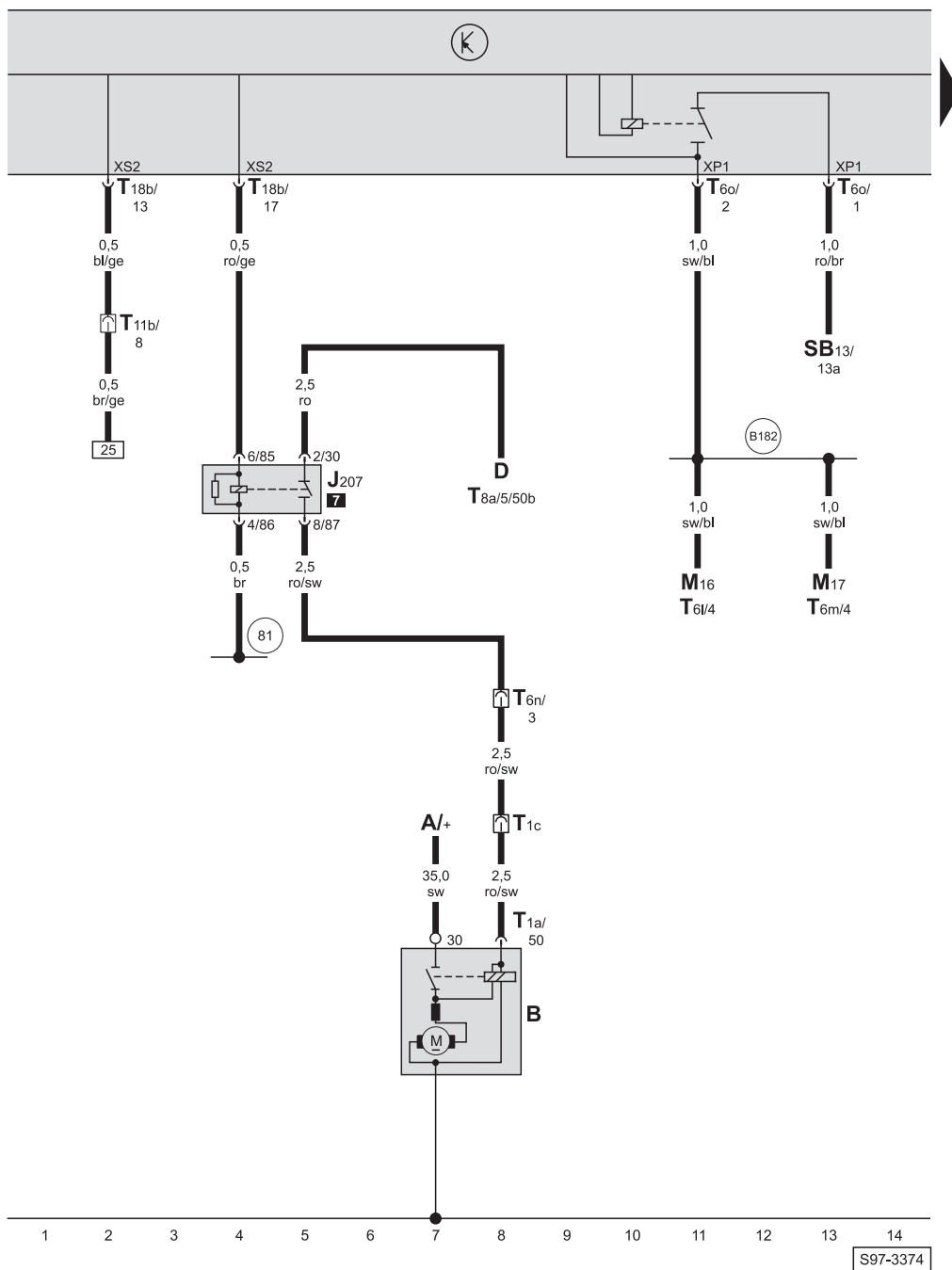
**Relay holder:**



**Relay position assignment**

- 7** - Starter lockout relay

Starter, starter lockout relay

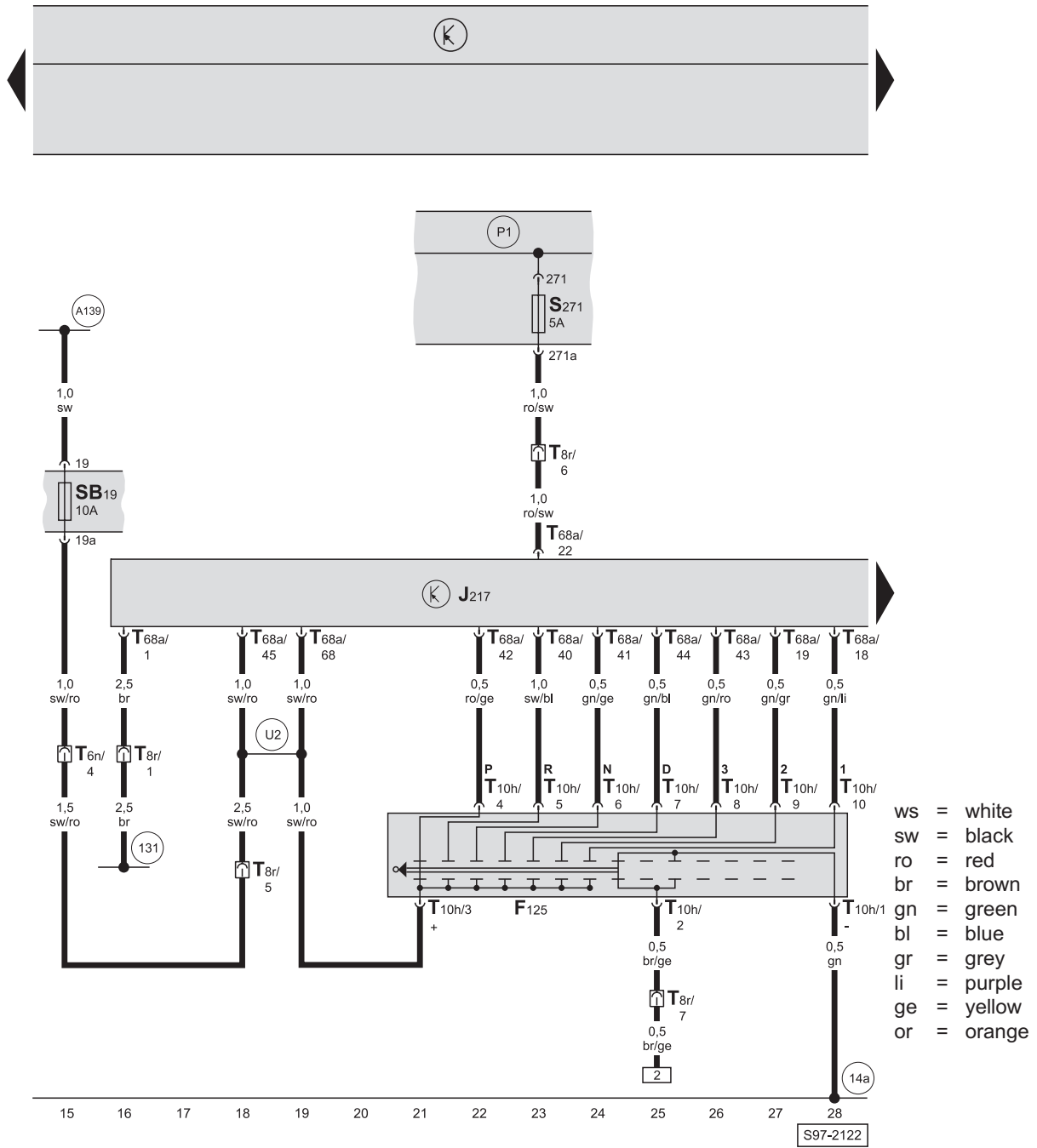


- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange

- A - Battery
- B - Starter
- D - Ignition/starter switch
- J207 - Starter lockout relay
- M16 - Reversing light bulb left
- M17 - Reversing light bulb right
- SB13 - Fuse, in fuse holder
- T1a - 1-pin connector, at starter
- T1c - Connector, 1-pin, for starter, in bracket at gearbox
- T6l - 6-pin connector, at left tail light
- T6m - 6-pin connector, at right tail light
- T6n - 6-pin connector, at left of bulkhead (blue)
- T6o - 6-pin connector, at electrical system control unit (black)
- T8a - 8-pin connector, at ignition/starter switch
- T11b - 11-pin connector, at left of bulkhead (red)
- T18b - 18-pin connector, at electrical system control unit (black)

- 81 - Earth connection, in wiring harness behind dash panel
- B182 - Connection (RF), in interior wiring loom

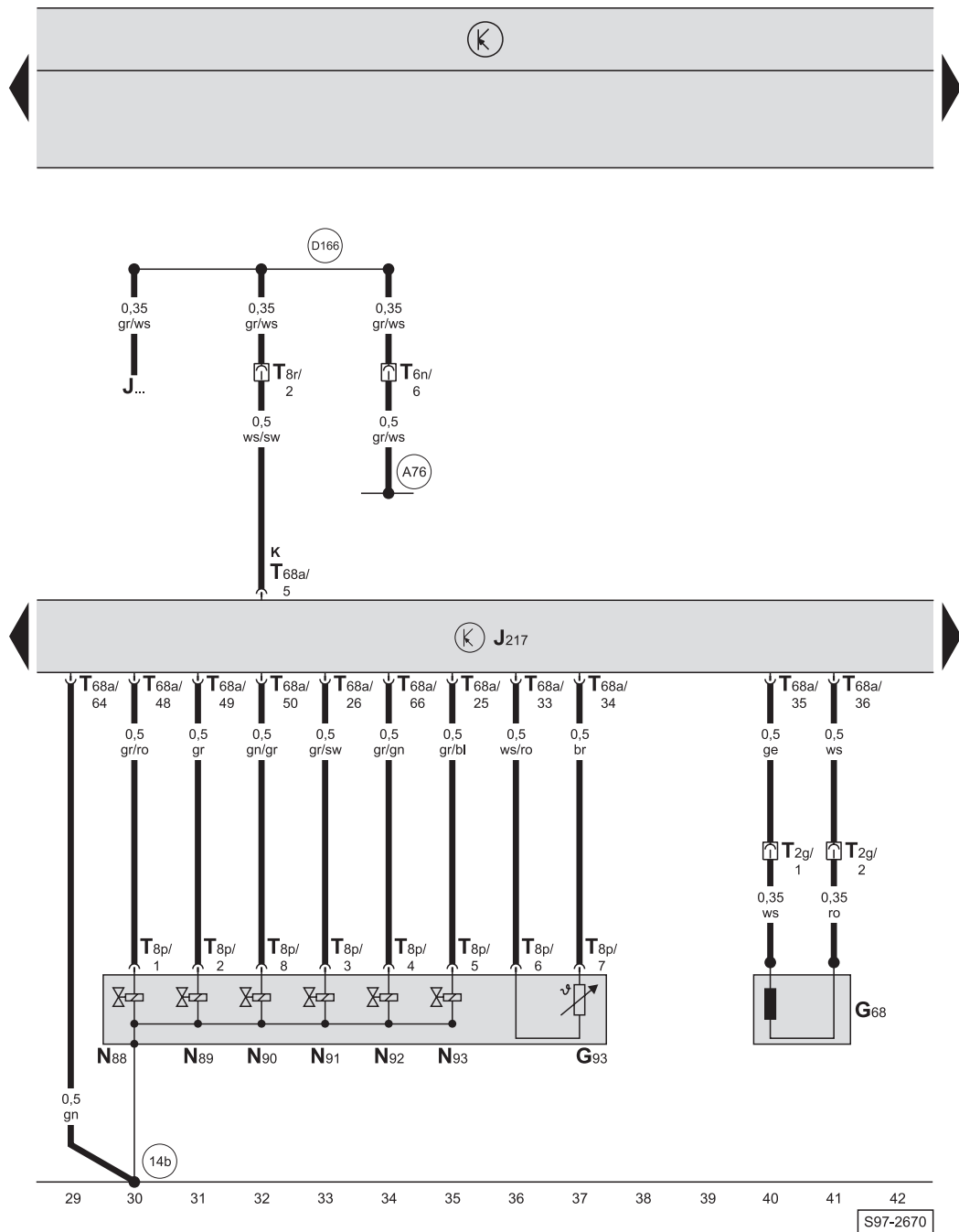
Automatic gearbox control unit, multifunction switch, fuse holder on battery, fuse holder



- F125 - multifunction switch
- J217 - Automatic gearbox control unit
- S271 - Fuse -13- (30), in fuse holder on battery
- T6n - 6-pin connector, at left of bulkhead (blue)
- T8r - Plug connection, 8-pin, at automatic gearbox (connection to wiring loom in engine compartment)
- T10h - Plug connection, 10-pin, at multifunction switch
- T68a - 68-pin connector, at automatic gearbox control unit

- (14a) - Earth point -2-, at gearbox
- (131) - Earth connection -2-, in engine compartment wiring harness
- (A139) - Positive connection (15), in wiring loom behind dash panel
- (P1) - Positive connection (30), in fuse holder on battery
- (U2) - Connection (15), in automatic gearbox wiring loom

Automatic gearbox control unit, vehicle speed sender, gearbox oil temperature sender, solenoid valves

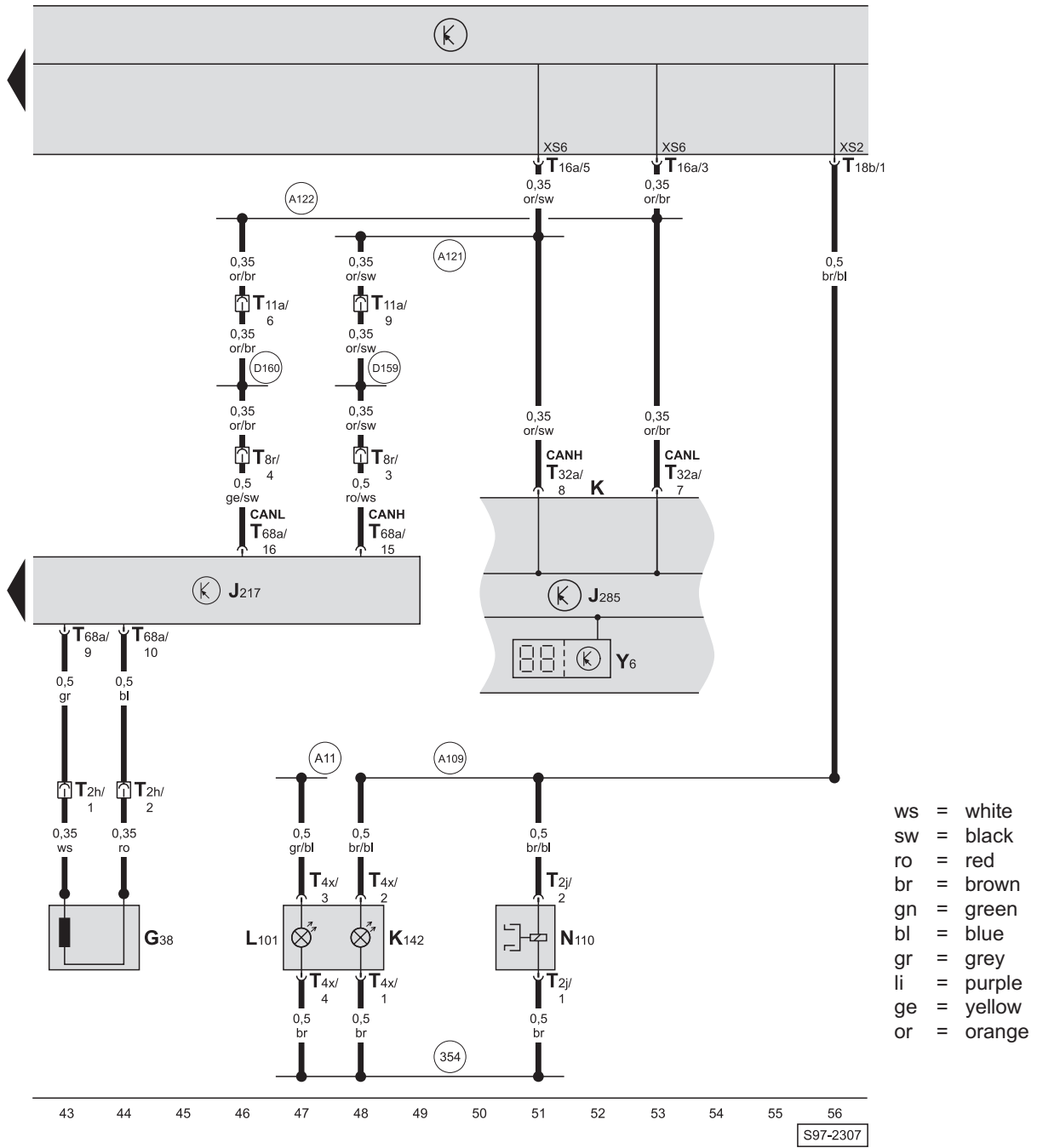


- G68 - Road speed sender
- G93 - Gearbox oil (ATF) temperature sender
- J... - Engine control unit
- J217 - Automatic gearbox control unit
- N88 - Solenoid valve 1
- N89 - Solenoid valve 2
- N90 - Solenoid valve 3
- N91 - Solenoid valve 4
- N92 - Solenoid valve 5
- N93 - Solenoid valve 6
- T2g - 2-pin connector, at road speed sender
- T6n - 6-pin connector, at left of bulkhead (blue)
- T8p - Plug connection, 8-pin, at automatic gearbox
- T8r - Plug connection, 8-pin, at automatic gearbox (connection to wiring loom in engine compartment)
- T68a - 68-pin connector, at automatic gearbox control unit

- 14b - Massepunkt -3-, am Getriebe
- A76 - Connection (K diagnosis wire), in wiring loom behind dash panel on left
- D166 - Connection (K diagnosis wire), in engine compartment wiring loom

S97-2670

Automatic gearbox control unit, gearbox speed sender, selector lever lock solenoid, dash panel insert



- G38 - Gearbox speed sender
- J217 - Automatic gearbox control unit
- J285 - Control unit in dash panel insert
- K - Dash panel insert
- K142 - Selector lever position P/N indicator light
- L101 - Selector lever scale lighting
- N110 - Selector lever lock solenoid
- T2h - 2-pin connector, at gearbox speed sender
- T2j - 2-pin connector, at selector lever lock solenoid valve
- T4x - Plug connection, 4-pin, at selector lever scale lighting
- T8r - Plug connection, 8-pin, at automatic gearbox (connection to wiring loom in engine compartment)
- T11a - 11-pin connector, at left of bulkhead (white)
- T16a - 16-pin connector, at electrical system control unit (black)
- T18b - 18-pin connector, at electrical system control unit (black)
- T68a - 68-pin connector, at automatic gearbox control unit
- Y6 - Selector lever position indicator

- 354 - Earth connection, in wiring harness behind dash panel
- A11 - Positive connection (58b), in wiring loom behind dash panel
- A109 - Connection (selector lever of automatic gearbox), in wiring loom behind dash panel
- 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



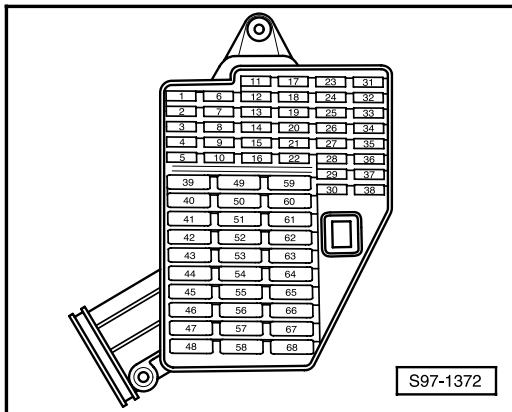


1.0-ltr. - Simos 3 PB/37 kW, engine code ARV, as of November 2001

1.4-ltr. - Simos 3 PB/44 kW, engine code AZE, as of November 2001

1.4-ltr. - Simos 3 PB/50 kW, engine code AME, as of November 2001

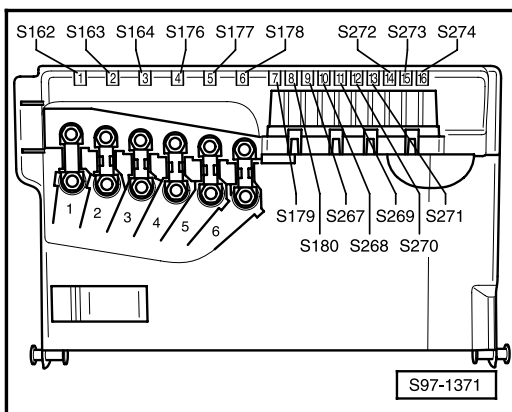
Fuse holder:



Fuse colours

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

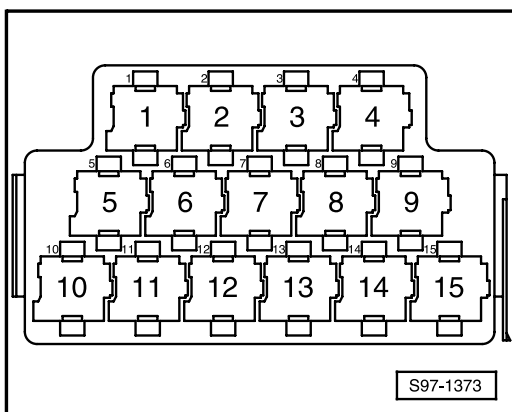
Fuse holder on battery:



Fuse colours

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

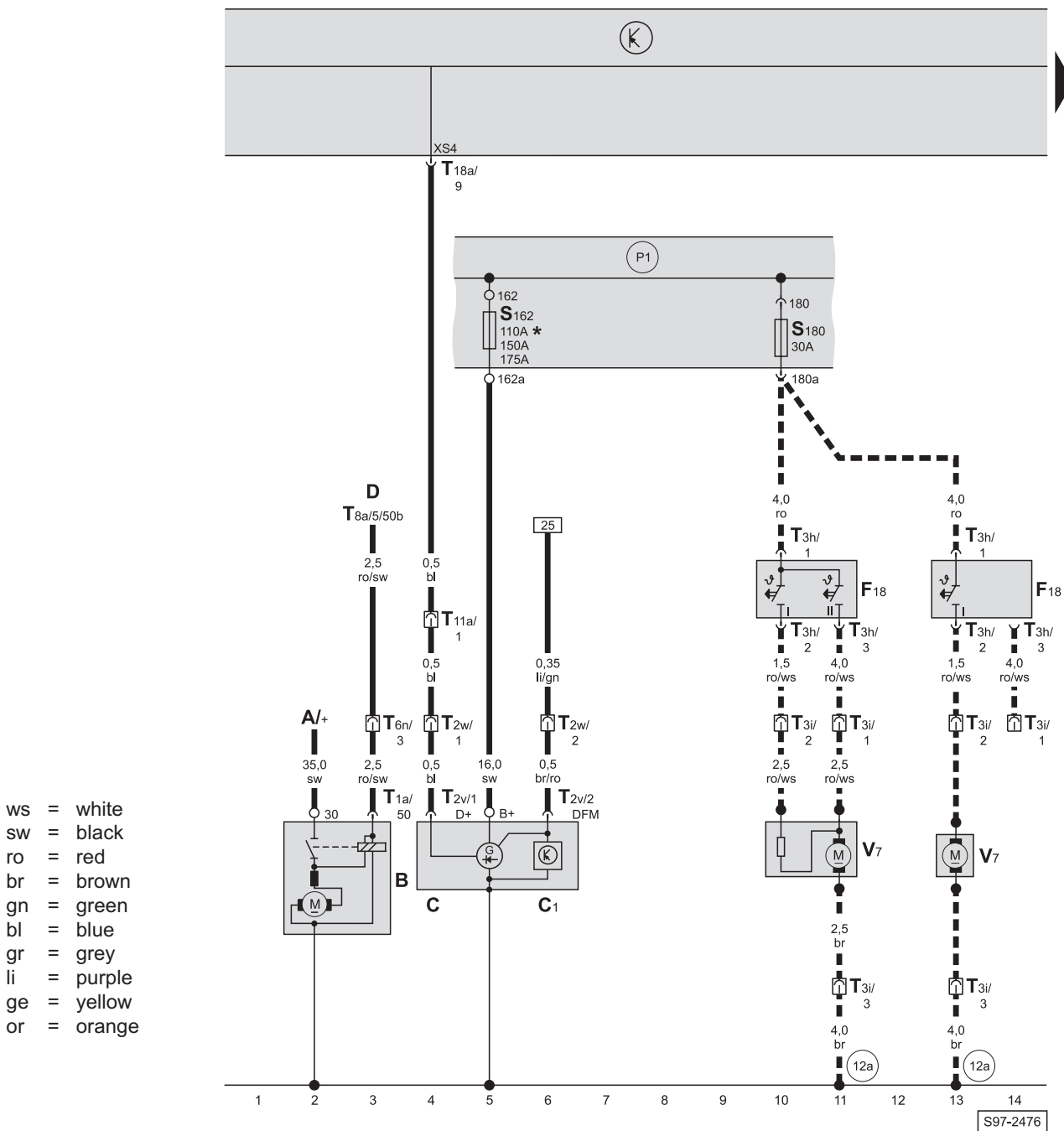
Relay holder:



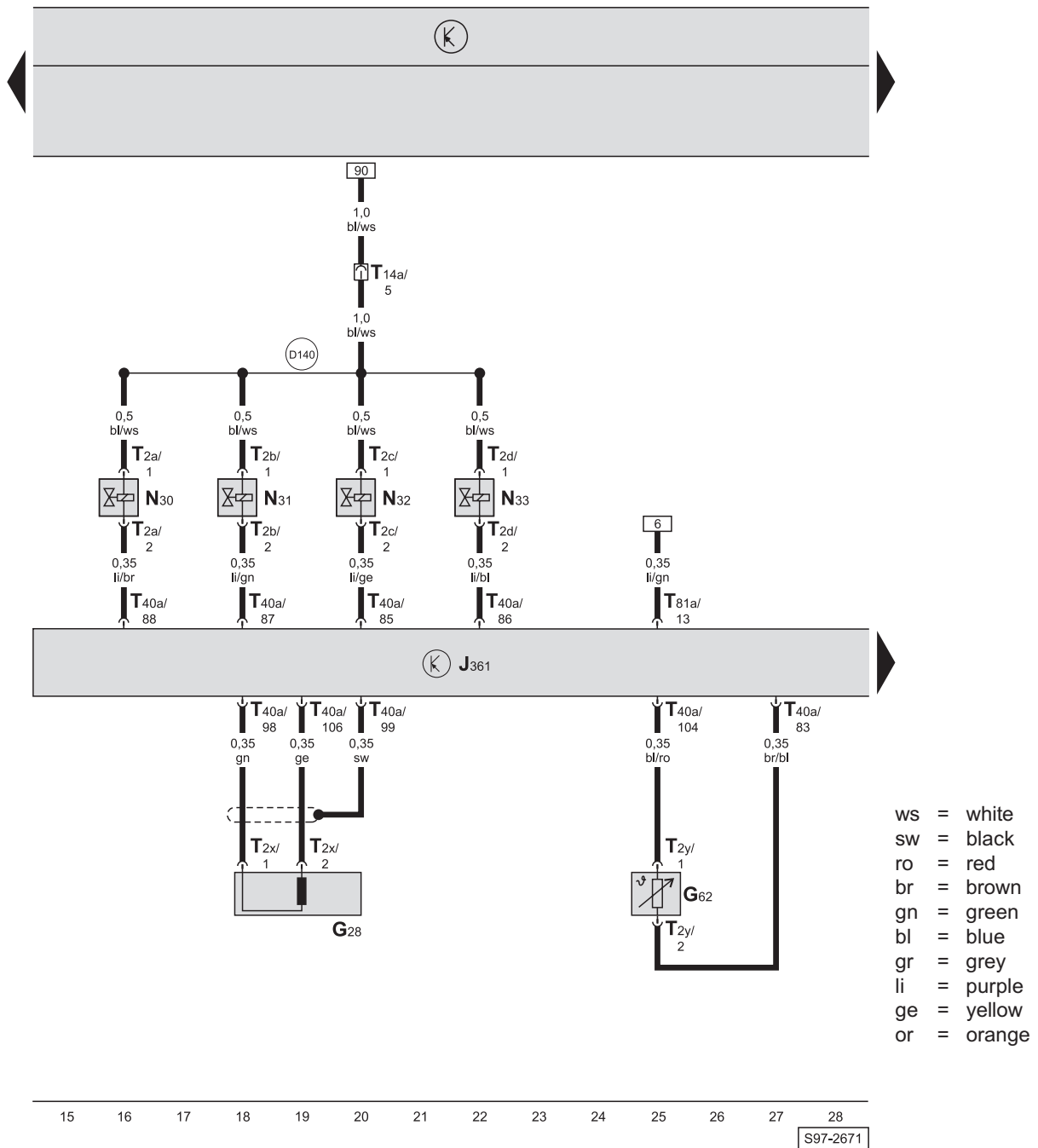
Relay position assignment

- 4** - Fuel pump relay

Starter, alternator, radiator fan, fuse holder on battery



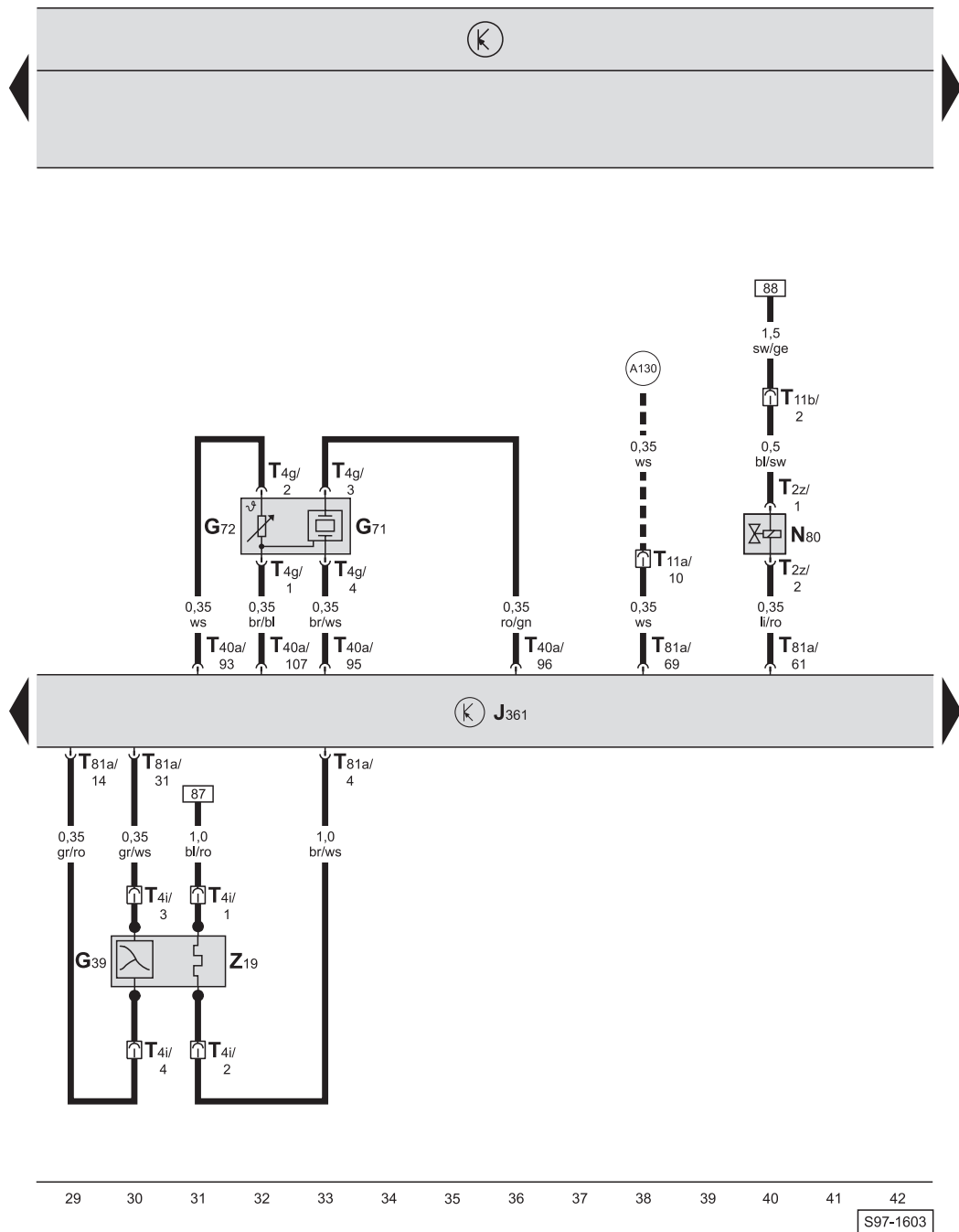
Simos control unit, injectors, engine speed sender, coolant temperature sender



- G28 - Engine speed sender
- G62 - Coolant temperature sender
- J361 - Simos 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
- T2x - 2-pin connector, at engine speed sender
- T2y - 2-pin connector, at coolant temperature 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

(D140) - Connection (injectors), in engine assembly wiring loom

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



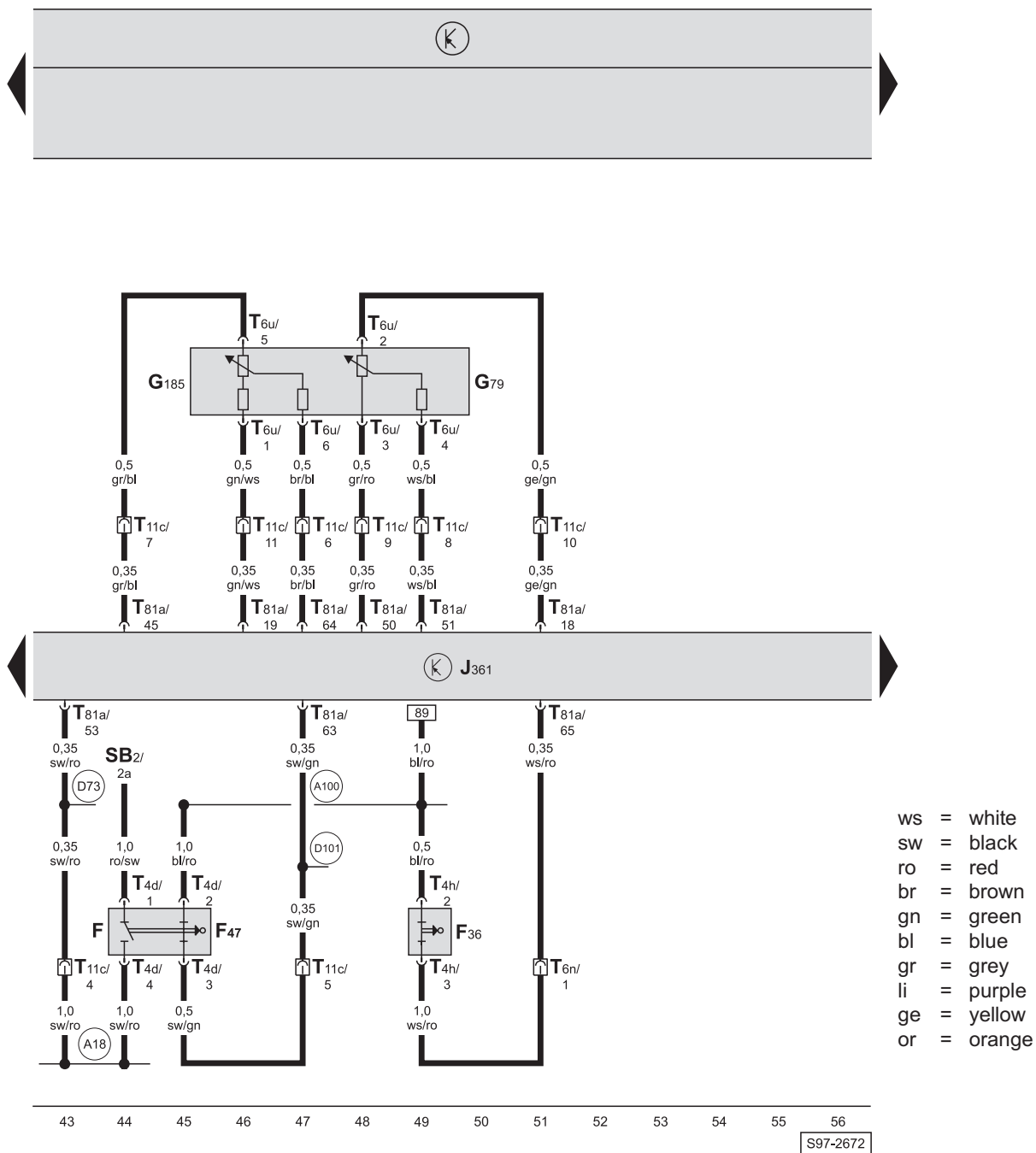
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange

- G39 - Lambda probe
- G71 - Intake manifold pressure sender
- G72 - Intake manifold temperature sender
- 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
- T11a - 11-pin connector, at left of bulkhead (white)
- 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
- Z19 - Lambda probe heater

(A130) - Connection (CCS), in wiring loom behind dash panel on left

■■■ - Applies only to models with CCS

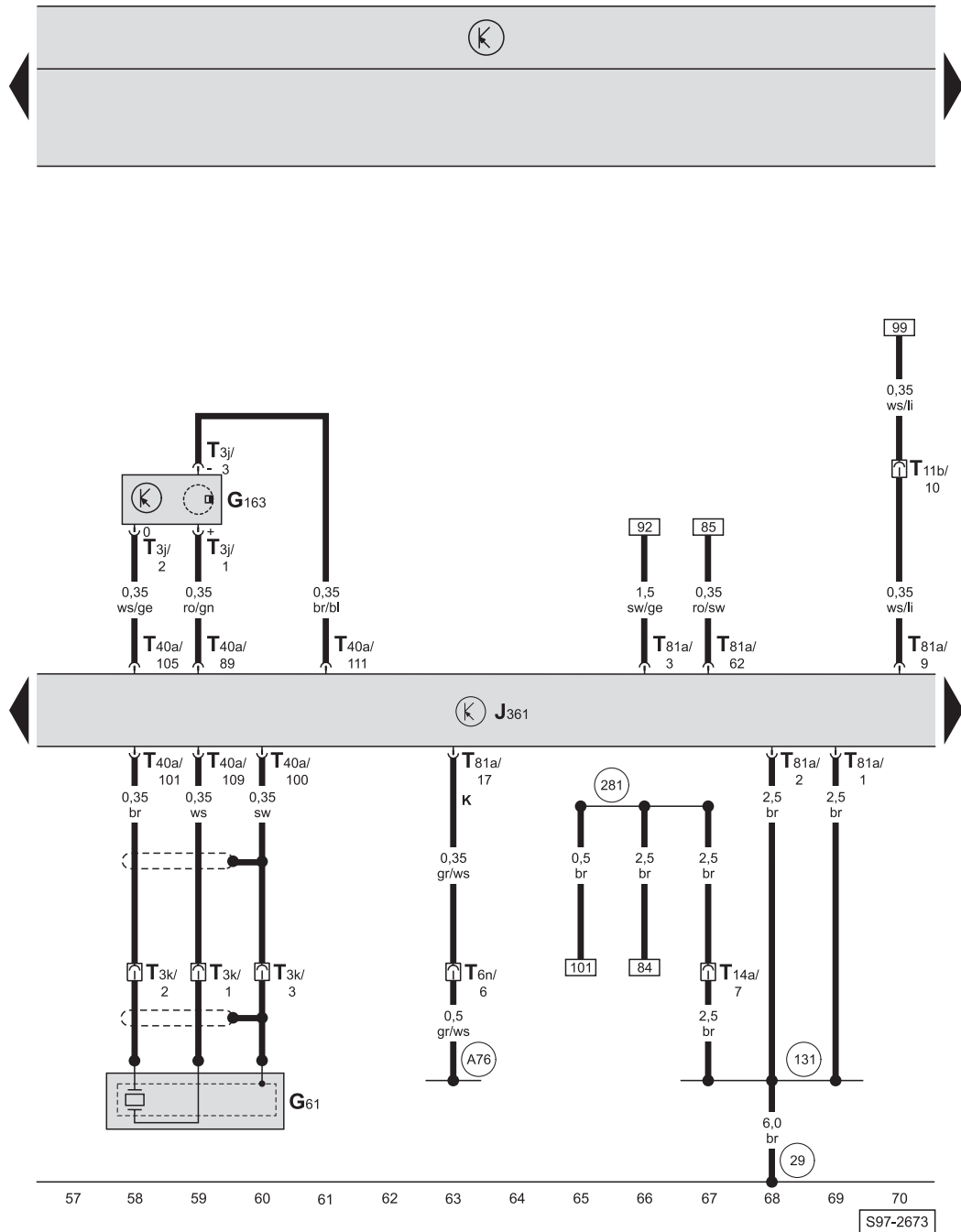
Simos control unit, accelerator pedal position sender, brake pedal switch, clutch pedal switch



- 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

Simos control unit, knock sensor I, camshaft position sender

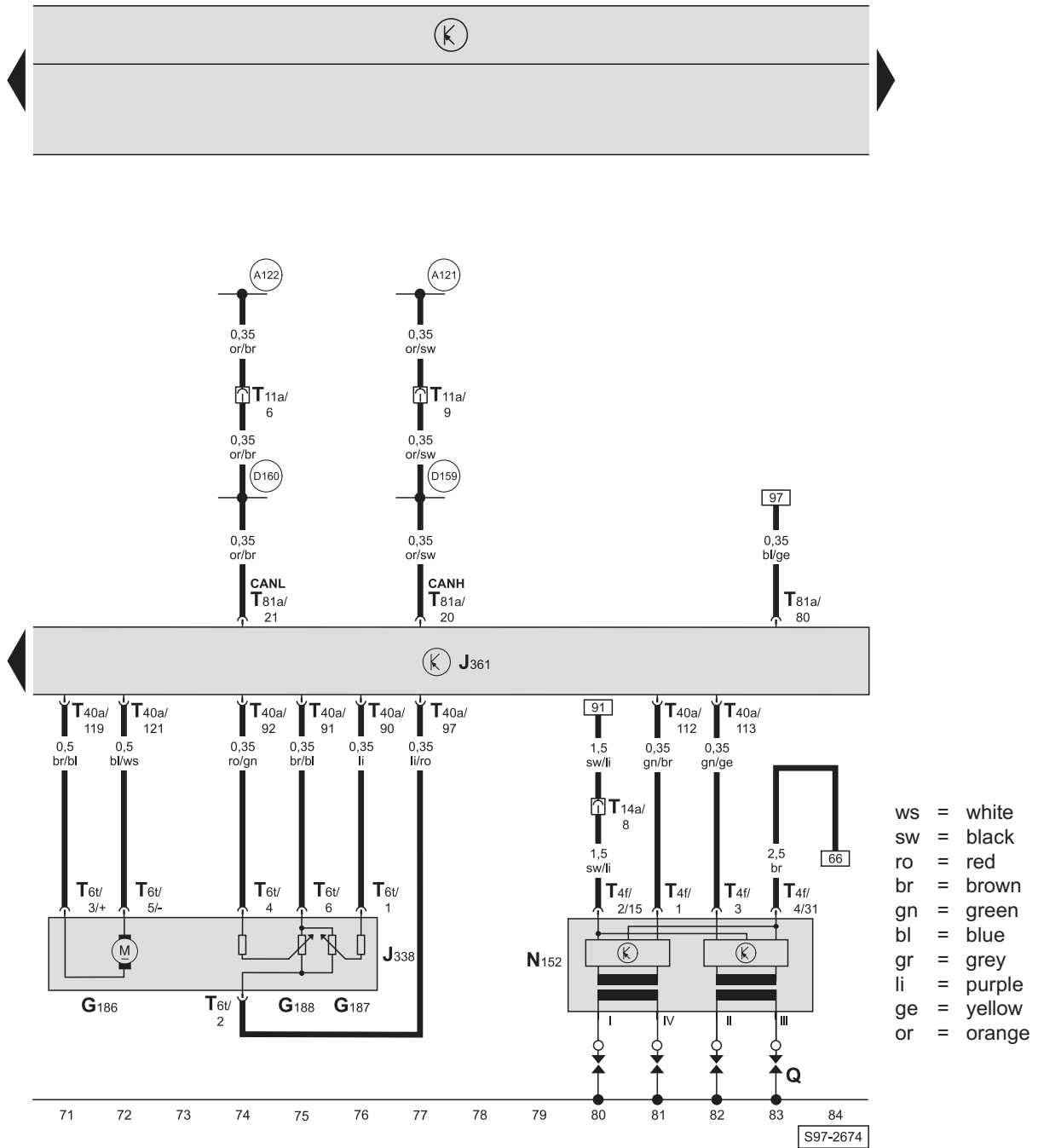


- G61 - Knock sensor I
- G163 - Camshaft position sender
- J361 - Simos control unit
- T3j - 3-pin connector, at camshaft position sender
- T3k - 3-pin connector, at knock sensor I
- T6n - 6-pin connector, at left of bulkhead (blue)
- T11b - 11-pin connector, at left of bulkhead (red)
- T14a - Connector, 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

S97-2673

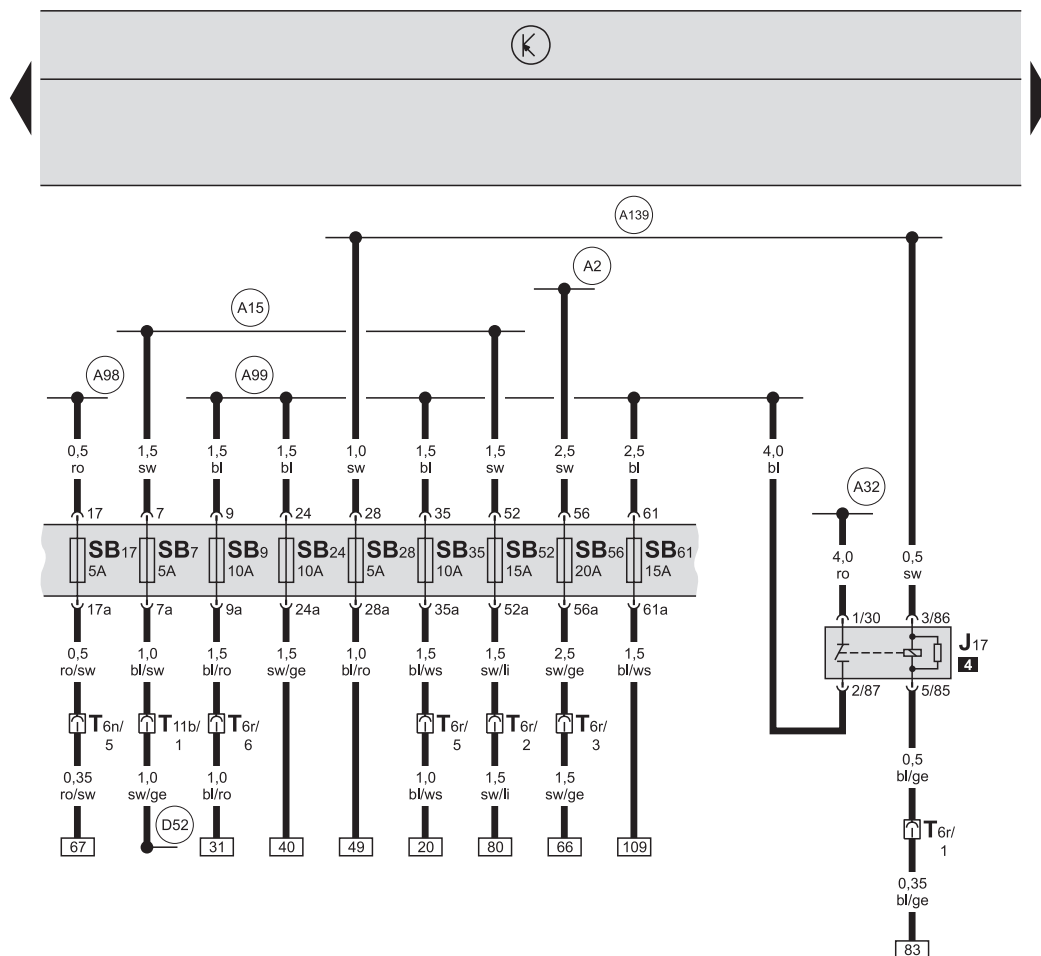
Simos control unit, throttle valve control unit, ignition system



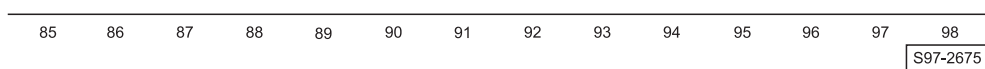
- G186 - Throttle valve drive (electric throttle operation)
- G187 - Angle sender -1- for throttle valve drive (electric throttle operation)
- G188 - Angle sender -2- for throttle valve drive (electric throttle operation)
- J338 - Throttle valve control unit
- J361 - Simos control unit
- N152 - Ignition transformer (ignition terminal strip)
- Q - Spark plugs
- T4f - 4-pin connector, at ignition transformer (ignition terminal strip)
- T6t - 6-pin connector, at throttle valve control unit
- 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
- (D159) - Connection (CAN-H), in engine compartment wiring loom
- (D160) - Connection (CAN-L), in engine compartment wiring loom

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

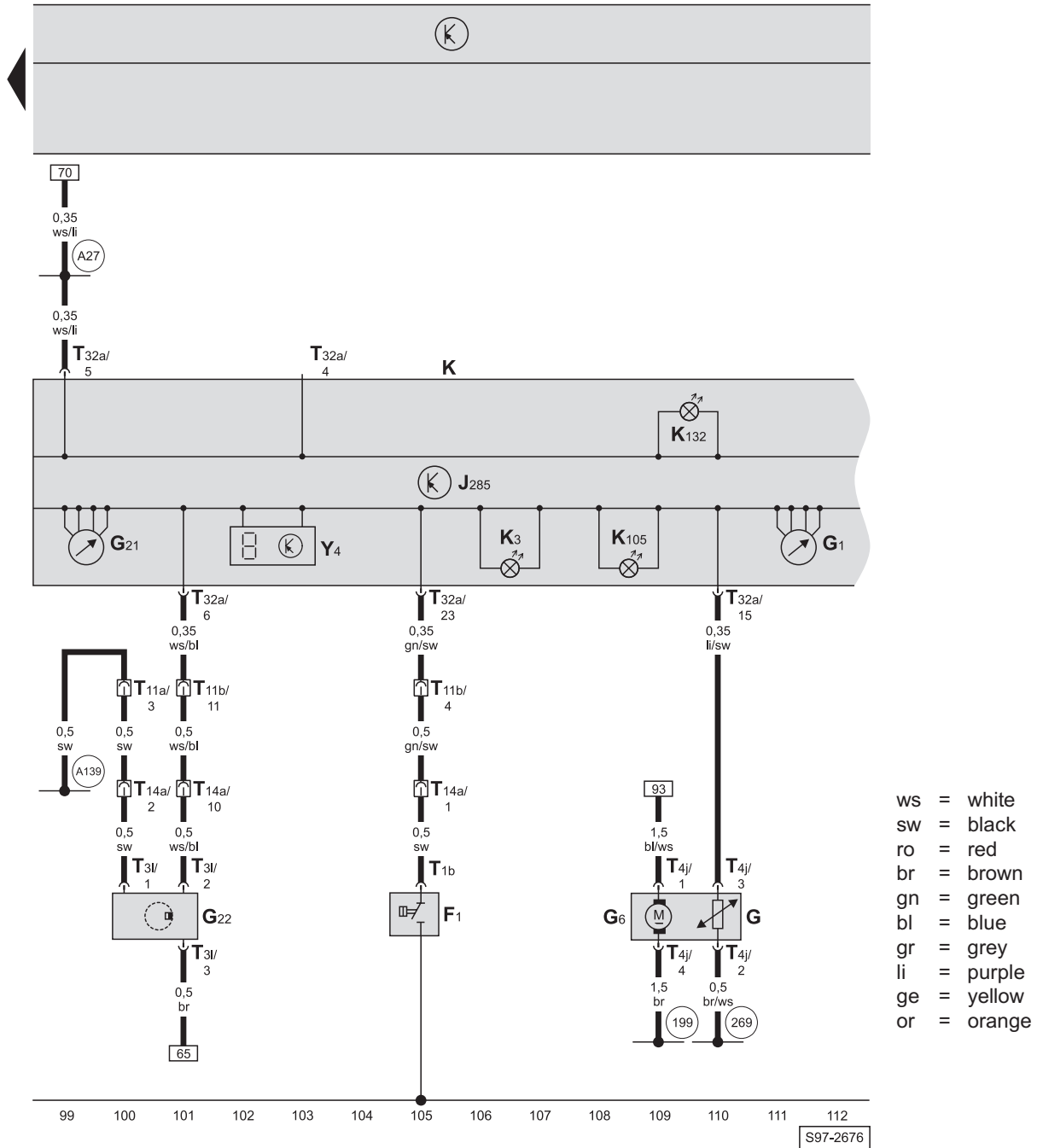


- J17 - Fuel pump relay
- T6n - 6-pin connector, at left of bulkhead (blue)
- T6r - 6-pin connector, at left of bulkhead (brown)
- T11b - 11-pin connector, at left of bulkhead (red)

- (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



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



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

- 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
- 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
- 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

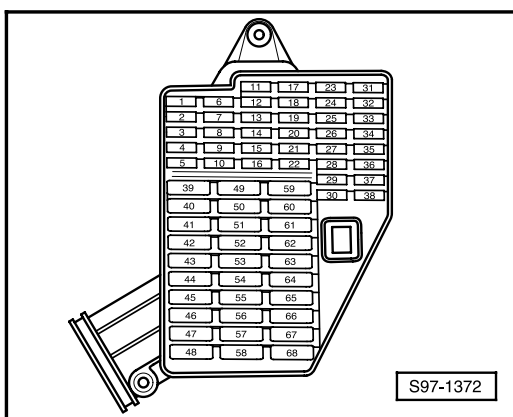


1.0-ltr. - Simos 3 PA/37 kW, engine code AQV,  
as of November 2001

1.4-ltr. - Simos 3 PA/44 kW, engine code AZF,  
as of November 2001

1.4-ltr. - Simos 3 PA/50 kW, engine code AQW,  
as of November 2001

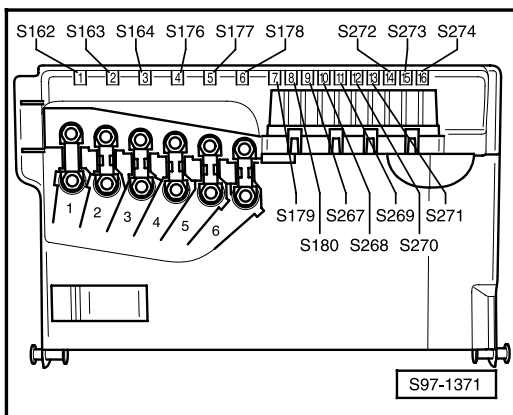
Fuse holder:



Fuse colours

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

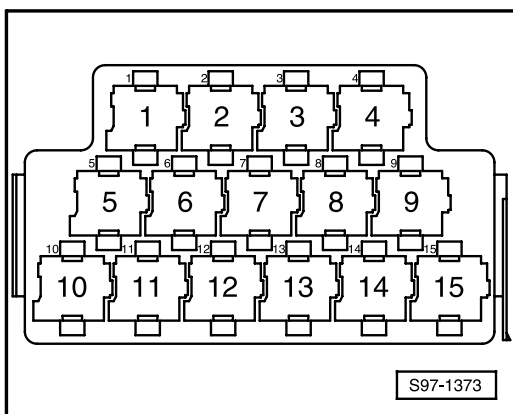
Fuse holder on battery:



Fuse colours

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

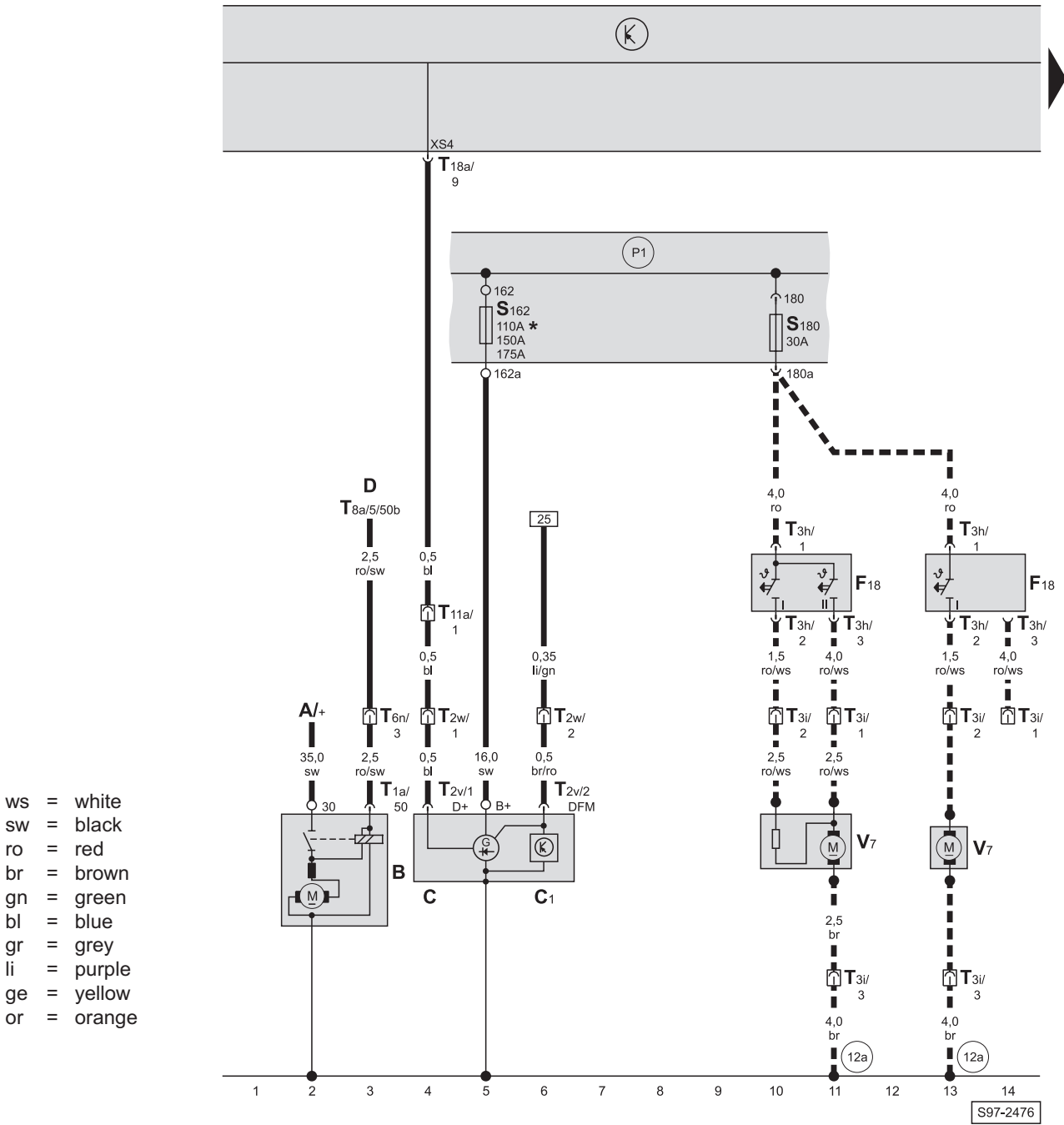
Relay holder:



Relay position assignment

- 4** - Fuel pump relay

Starter, alternator, radiator fan, fuse holder on battery

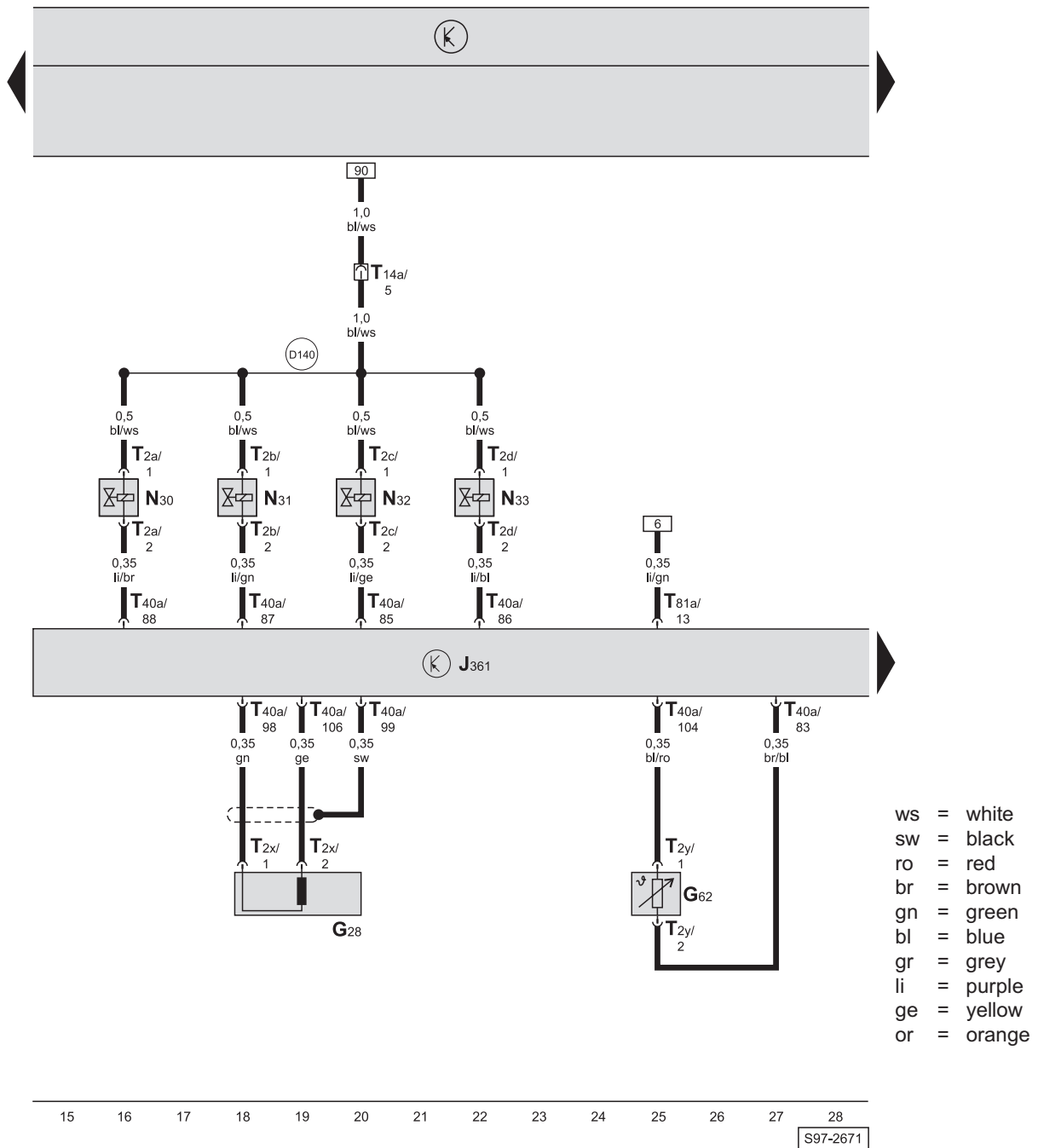


- A - Battery
- B - Starter
- C - Alternator
- C1 - Voltage regulator
- D - Ignition/starter switch
- F18 - Radiator fan thermostwitch
- S162 - Fuse -1- (30), in fuse holder on battery
- S180 - Fuse -8- (30), in fuse holder on battery
- T1a - 1-pin connector, at starter
- T2v - 2-pin connector, at alternator
- T2w - 2-pin connector, in bracket at gearbox
- T3h - 3-pin connector, at radiator fan thermostwitch
- 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
- \* - Varies according to optional equipment
- ■ ■ - Thermoswitch and radiator fan vary according to optional equipment (does not apply to models with air conditioning)

S97-2476

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

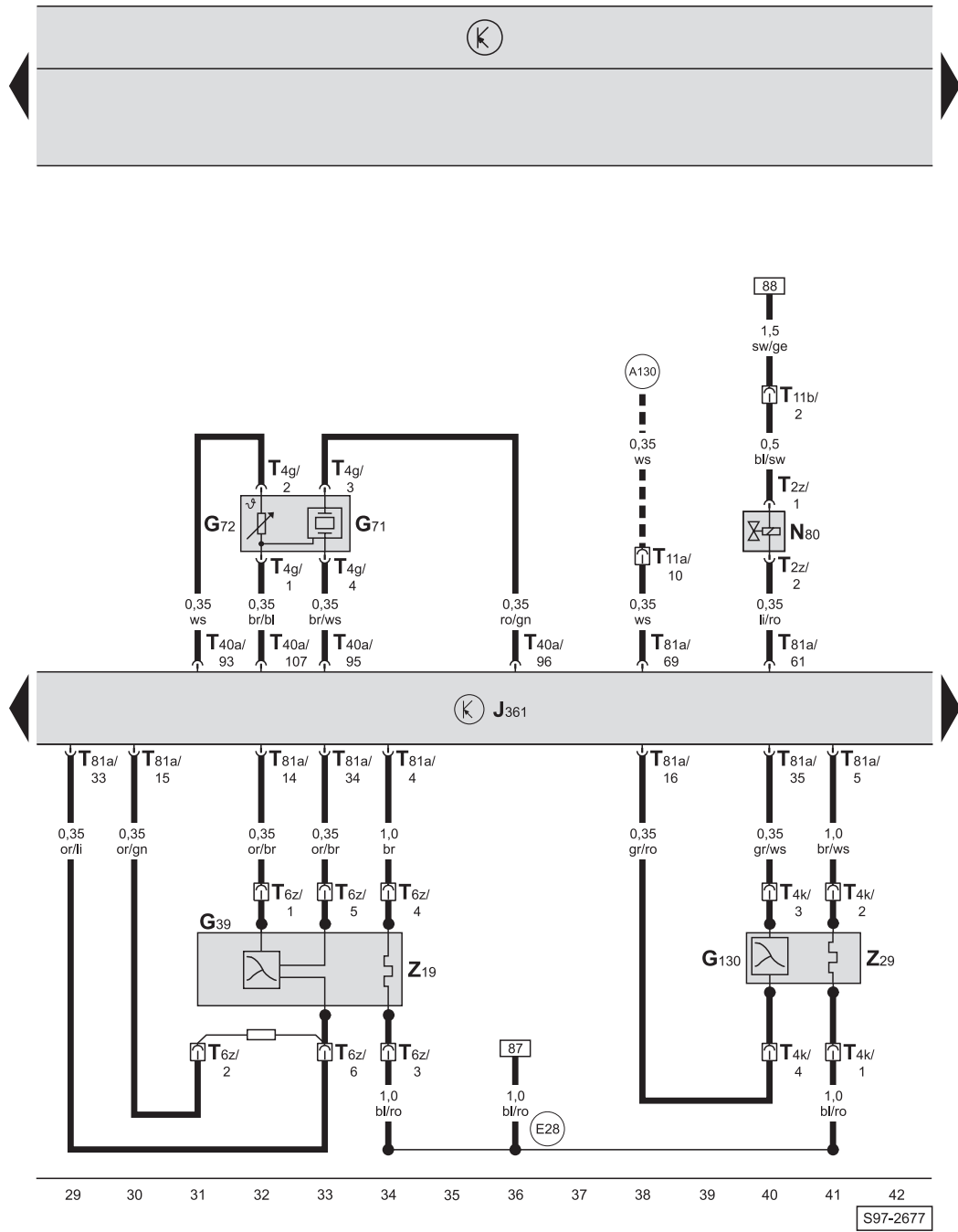


- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange

- G28 - Engine speed sender
- G62 - Coolant temperature sender
- J361 - Simos control unit
- N30 - Injector cylinder 1
- N31 - Injector cylinder 2
- N32 - Injector cylinder 3
- 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
- T2x - 2-pin connector, at engine speed sender
- T2y - 2-pin connector, at coolant temperature 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

(D140) - Connection (injectors), in engine assembly wiring loom

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



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

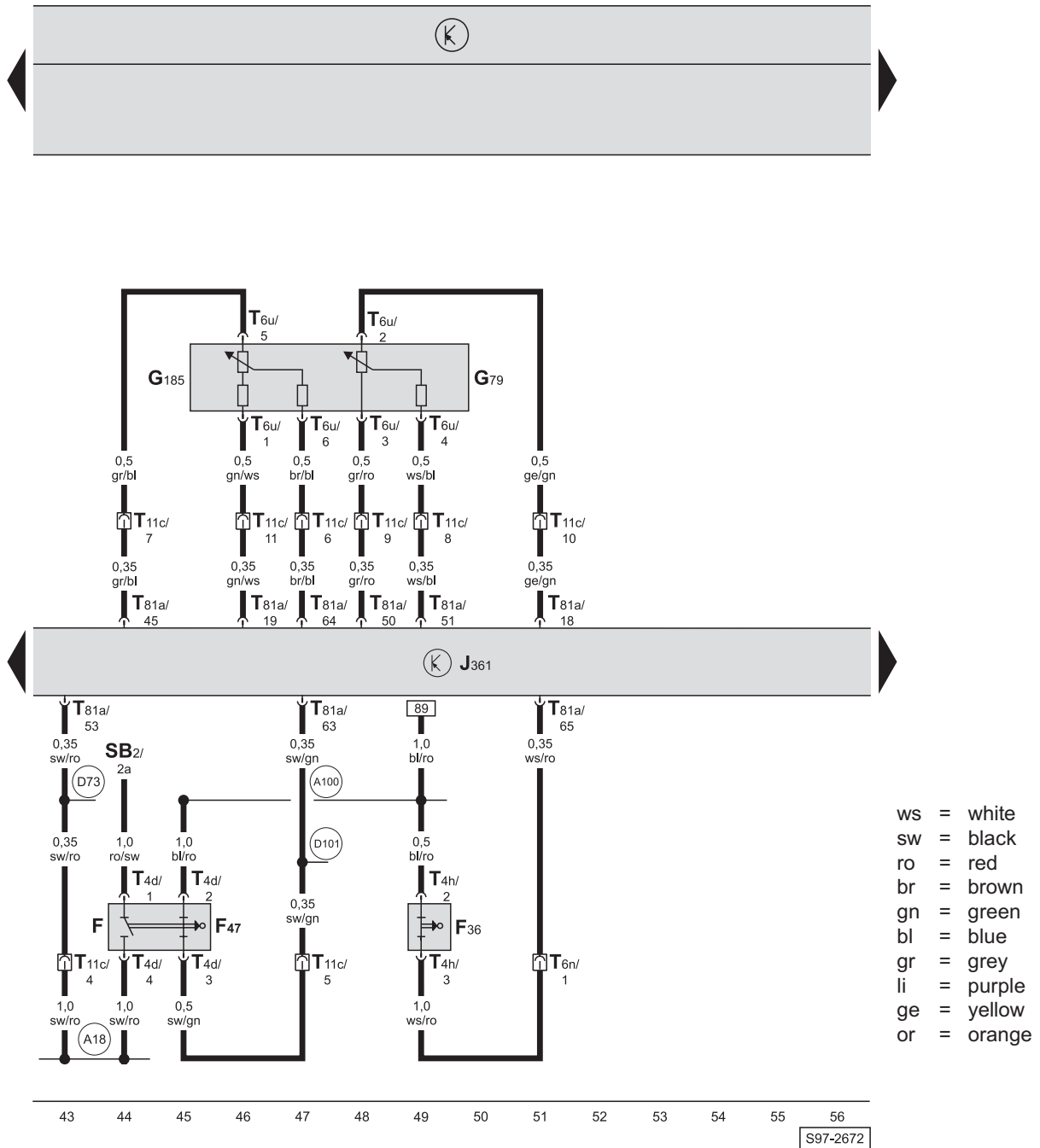
- A130 - Connection (CCS), in wiring loom behind dash panel on left
- E28 - Connection (lambda probe heater), in engine compartment wiring loom

■ ■ ■ - Applies only to models with CCS

- 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
- T4k - Connector, 4-pin, close to lambda probe downstream of catalytic converter
- T6z - 6-pin connector, close to lambda probe
- T11a - 11-pin connector, at left of bulkhead (white)
- 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
- Z19 - Lambda probe heater
- Z29 - Lambda probe heater downstream of catalytic converter

S97-2677

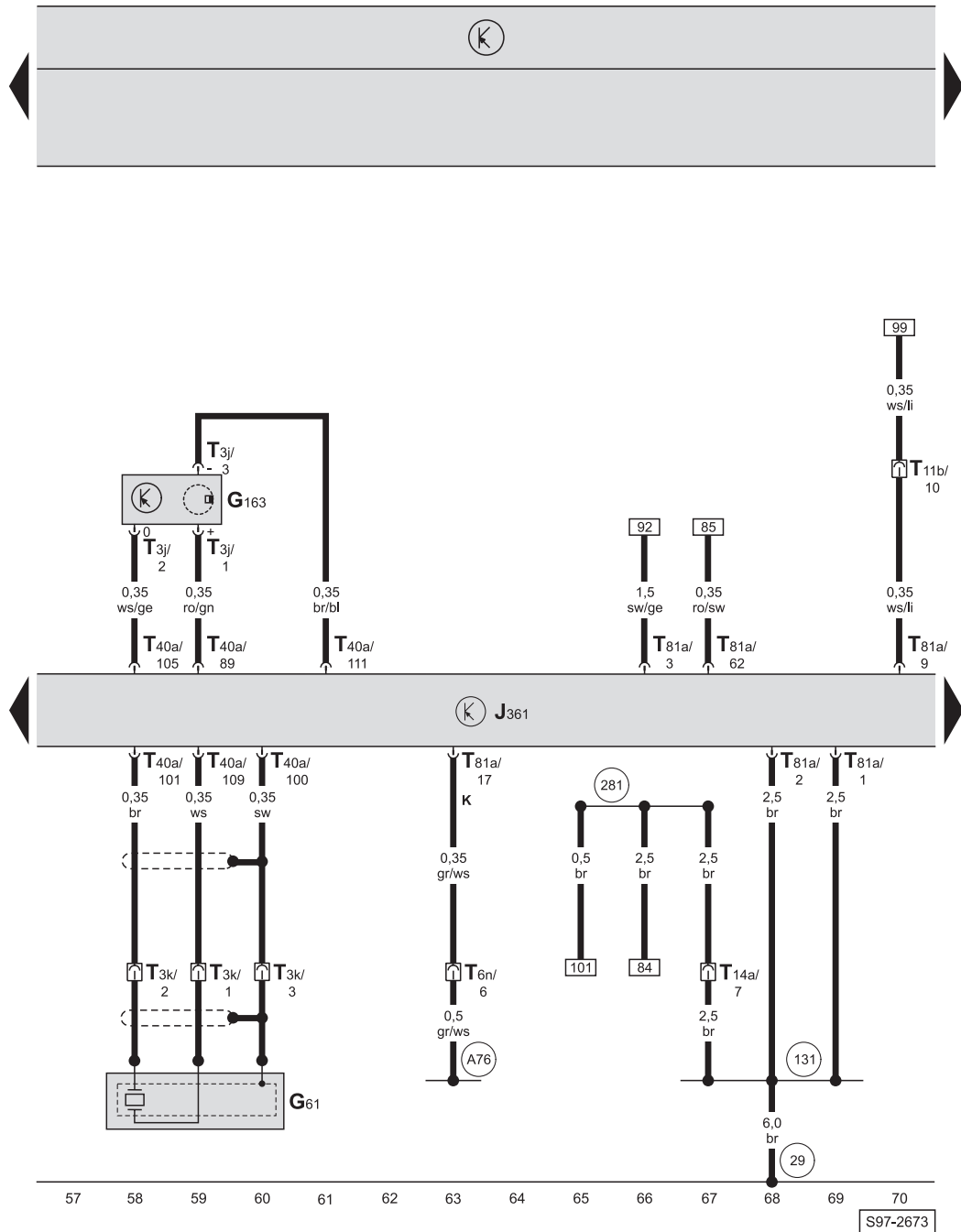
Simos control unit, accelerator pedal position sender, brake pedal switch, clutch pedal switch



- 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

Simos control unit, knock sensor I, camshaft position sender

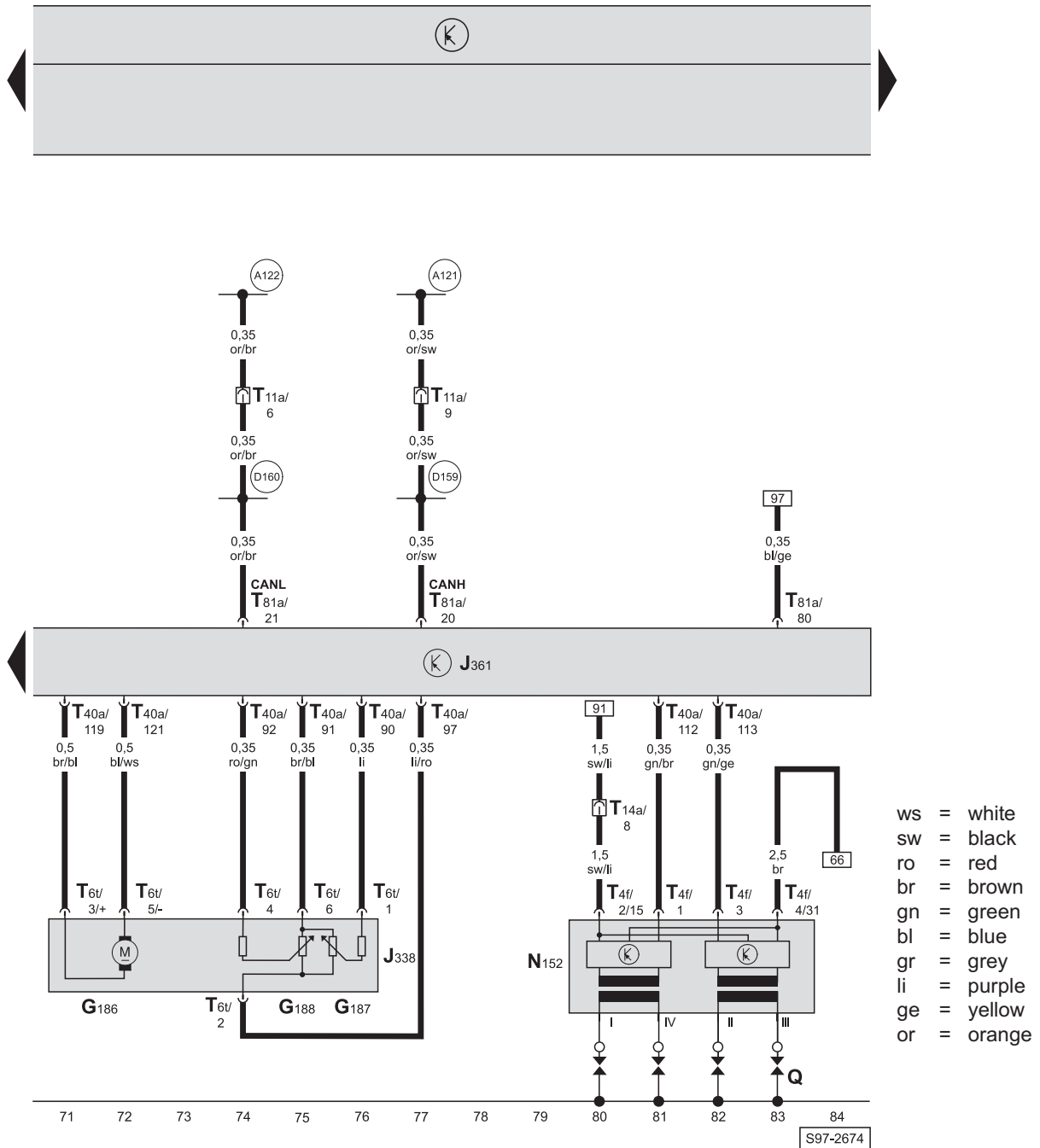


- G61 - Knock sensor I
- G163 - Camshaft position sender
- J361 - Simos control unit
- T3j - 3-pin connector, at camshaft position sender
- T3k - 3-pin connector, at knock sensor I
- T6n - 6-pin connector, at left of bulkhead (blue)
- T11b - 11-pin connector, at left of bulkhead (red)
- T14a - Connector, 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



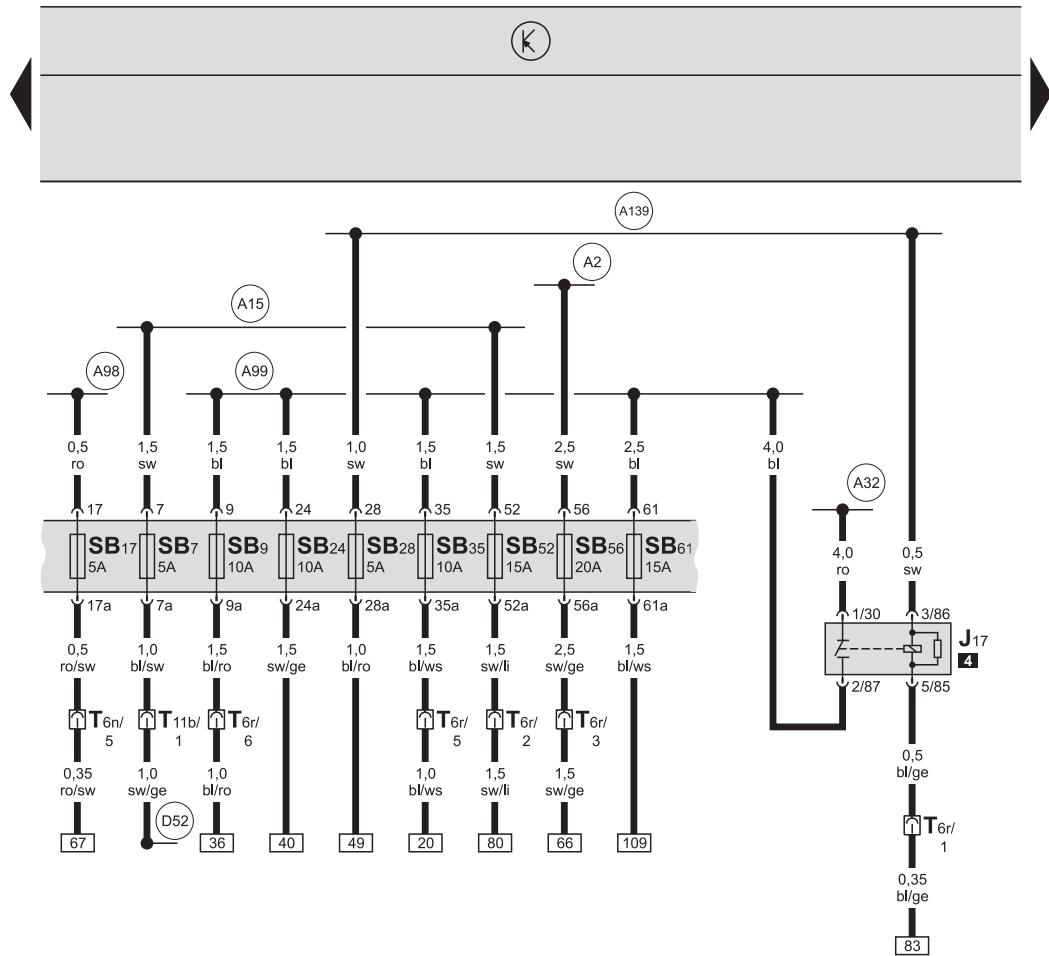
Simos control unit, throttle valve control unit, ignition system



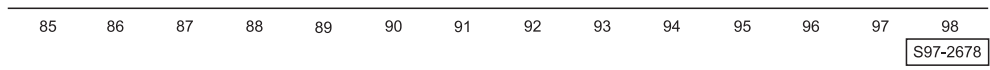
- G186 - Throttle valve drive (electric throttle operation)
- G187 - Angle sender -1- for throttle valve drive (electric throttle operation)
- G188 - Angle sender -2- for throttle valve drive (electric throttle operation)
- J338 - Throttle valve control unit
- J361 - Simos control unit
- N152 - Ignition transformer (ignition terminal strip)
- Q - Spark plugs
- T4f - 4-pin connector, at ignition transformer (ignition terminal strip)
- T6t - 6-pin connector, at throttle valve control unit
- 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
- (D159) - Connection (CAN-H), in engine compartment wiring loom
- (D160) - Connection (CAN-L), in engine compartment wiring loom

Fuel pump relay, fuse holder



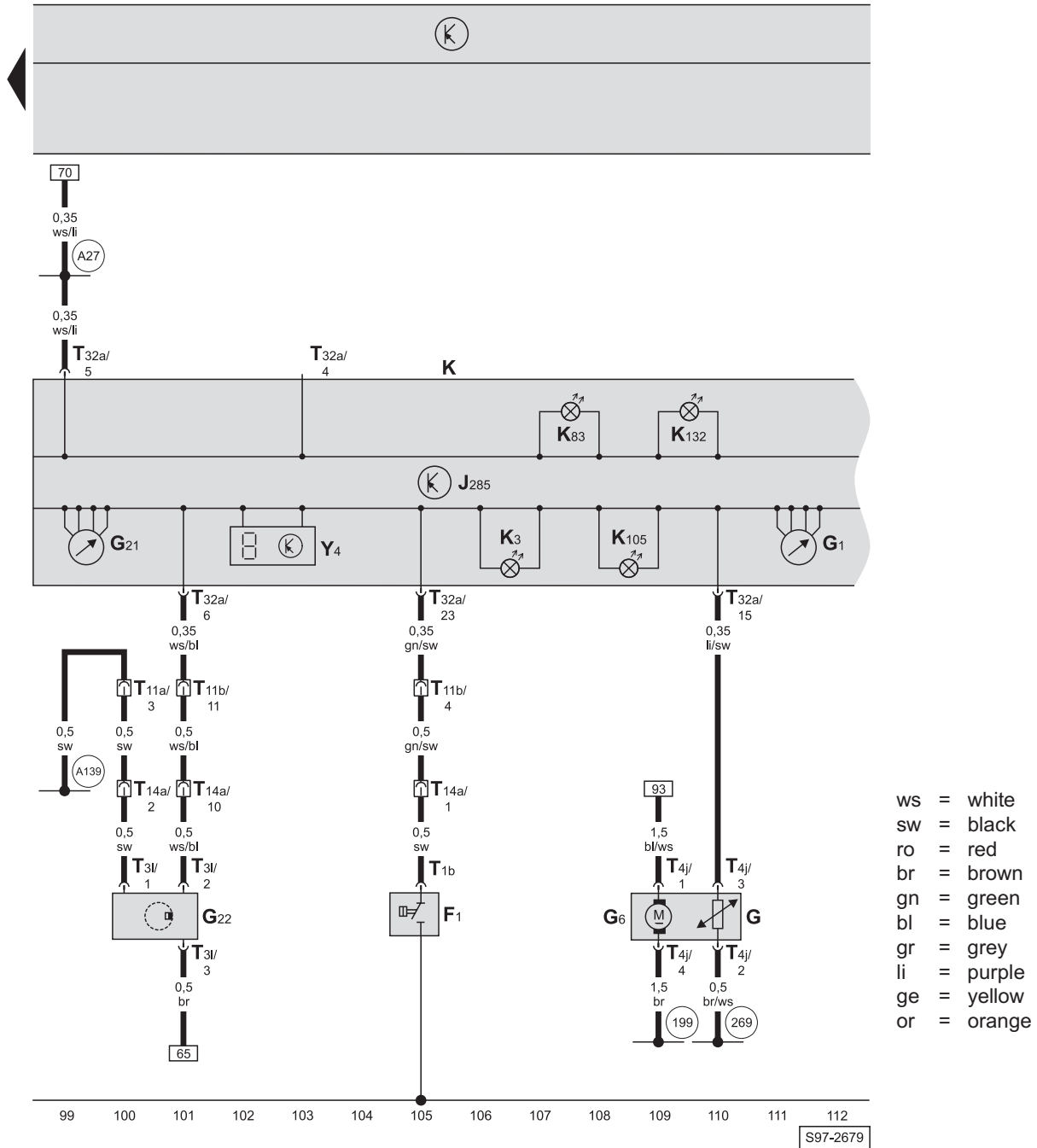
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange



- J17 - Fuel pump relay
- 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)

- (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

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



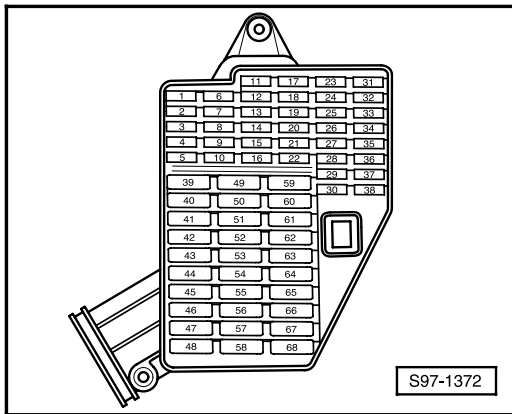
- 199 - Earth connection, in wiring harness behind dash panel
- 269 - Earth connection (sender earth) -1-, in wiring harness behind dash panel
- A27 - Connection (vehicle speed signal), in wiring loom behind dash panel
- A139 - Positive connection (15), in wiring loom behind dash panel



1.4-ltr. - 4LV/55 kW, engine code AUA, as of November 2001

1.4-ltr. - 4LV/74 kW, engine code AUB, as of November 2001

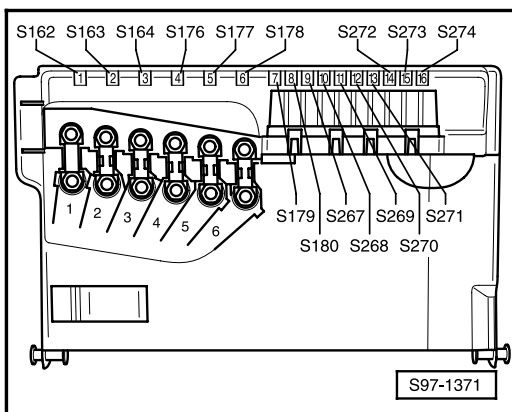
Fuse holder:



Fuse colours

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

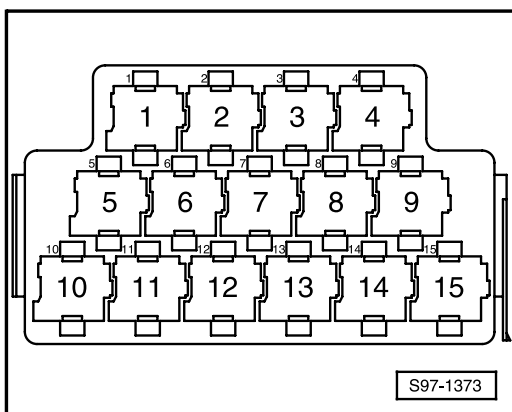
Fuse holder on battery:



Fuse colours

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

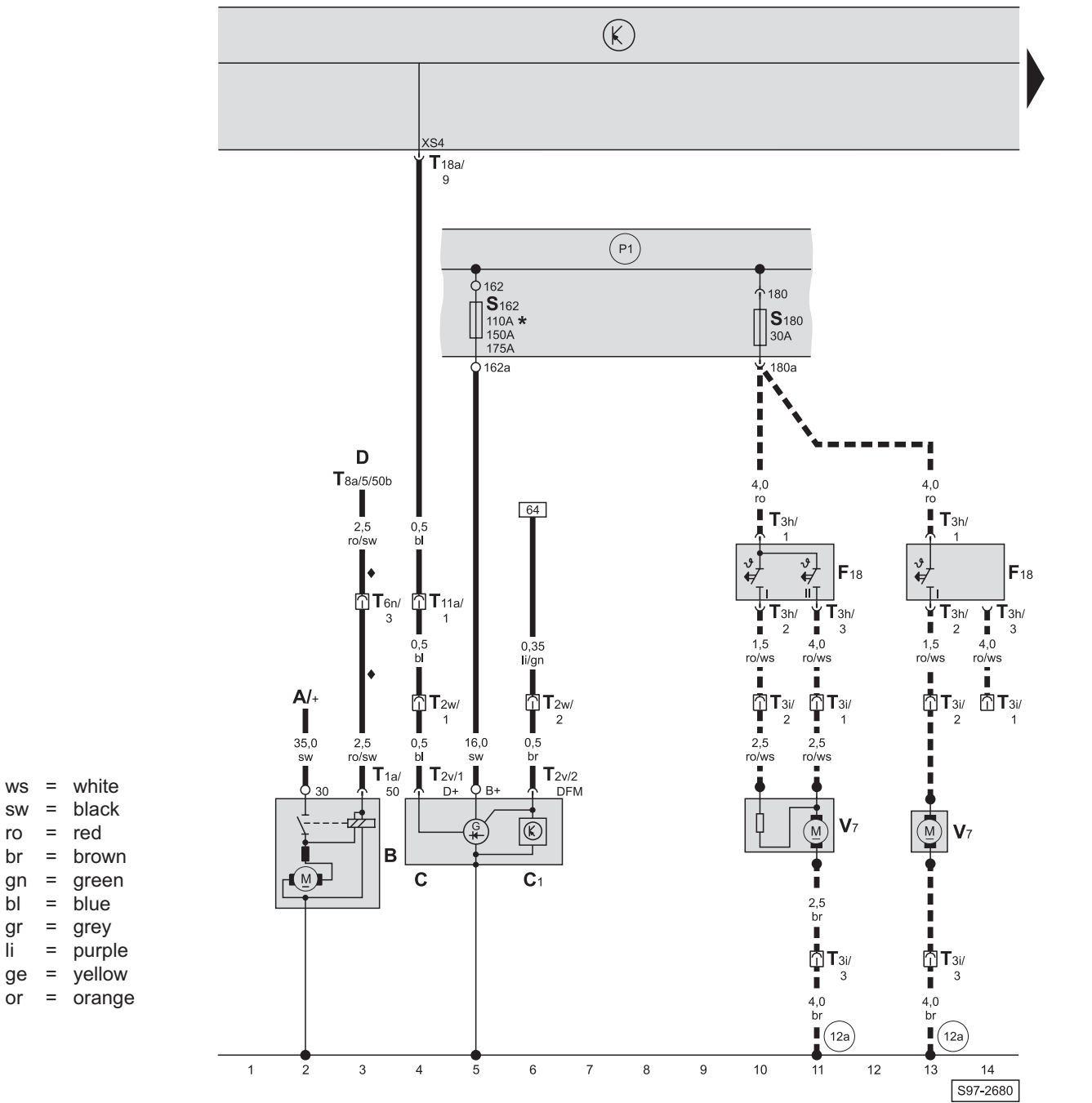
Relay holder:



Relay position assignment

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

Starter, alternator, radiator fan, fuse holder on battery



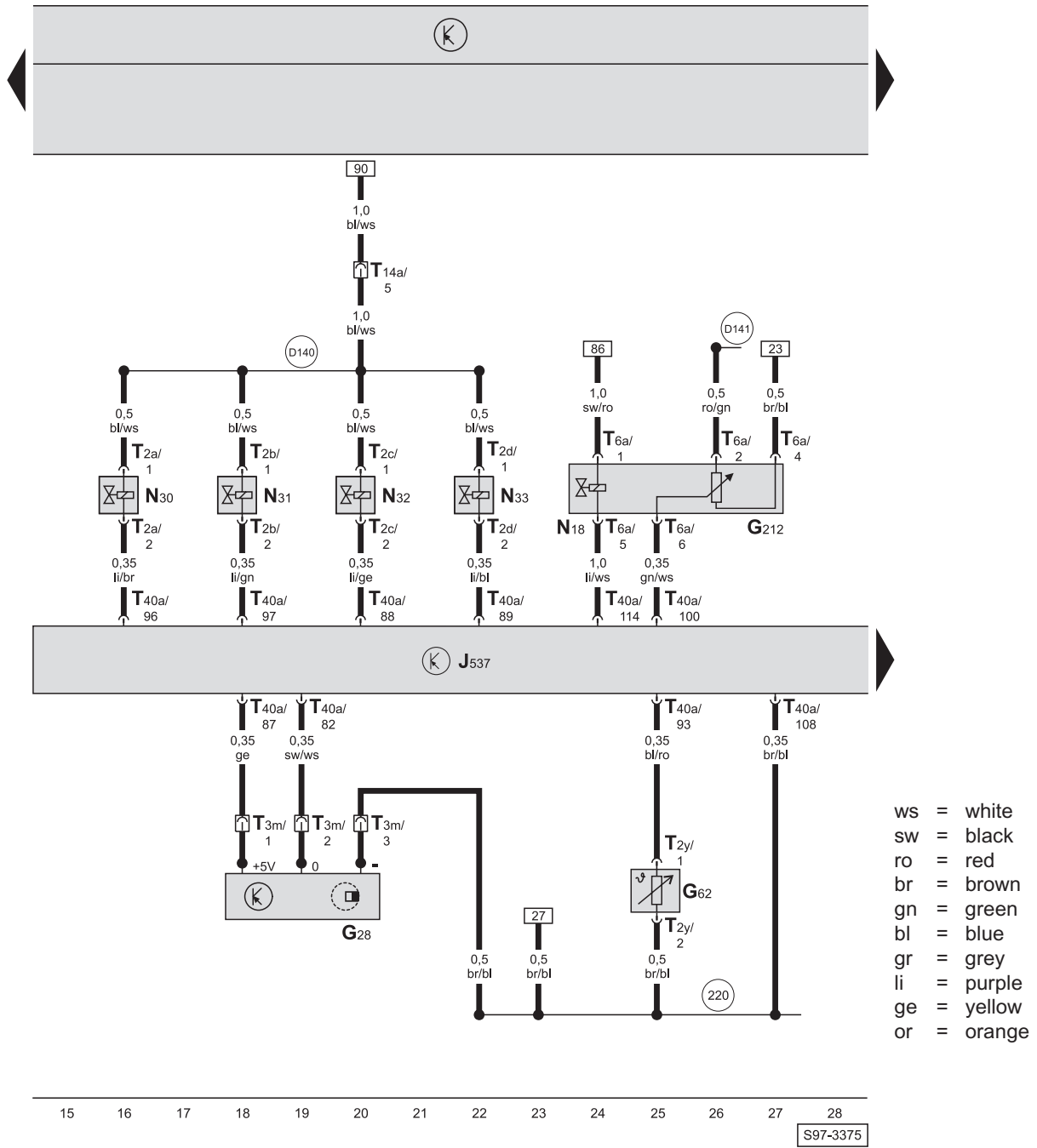
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange

- A - Battery
- B - Starter
- C - Alternator
- C1 - Voltage regulator
- D - Ignition/starter switch
- F18 - Radiator fan thermostatic switch
- 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 thermostatic switch
- 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
- \* - Varies according to optional equipment
- ◆ - Does not apply to models with automatic gearbox
- ■ ■ - Thermostatic switch and radiator fan vary according to optional equipment (does not apply to models with air conditioning)

S97-2680

4LV control unit, injectors, engine speed sender, coolant temperature sender, EGR valve, EGR potentiometer



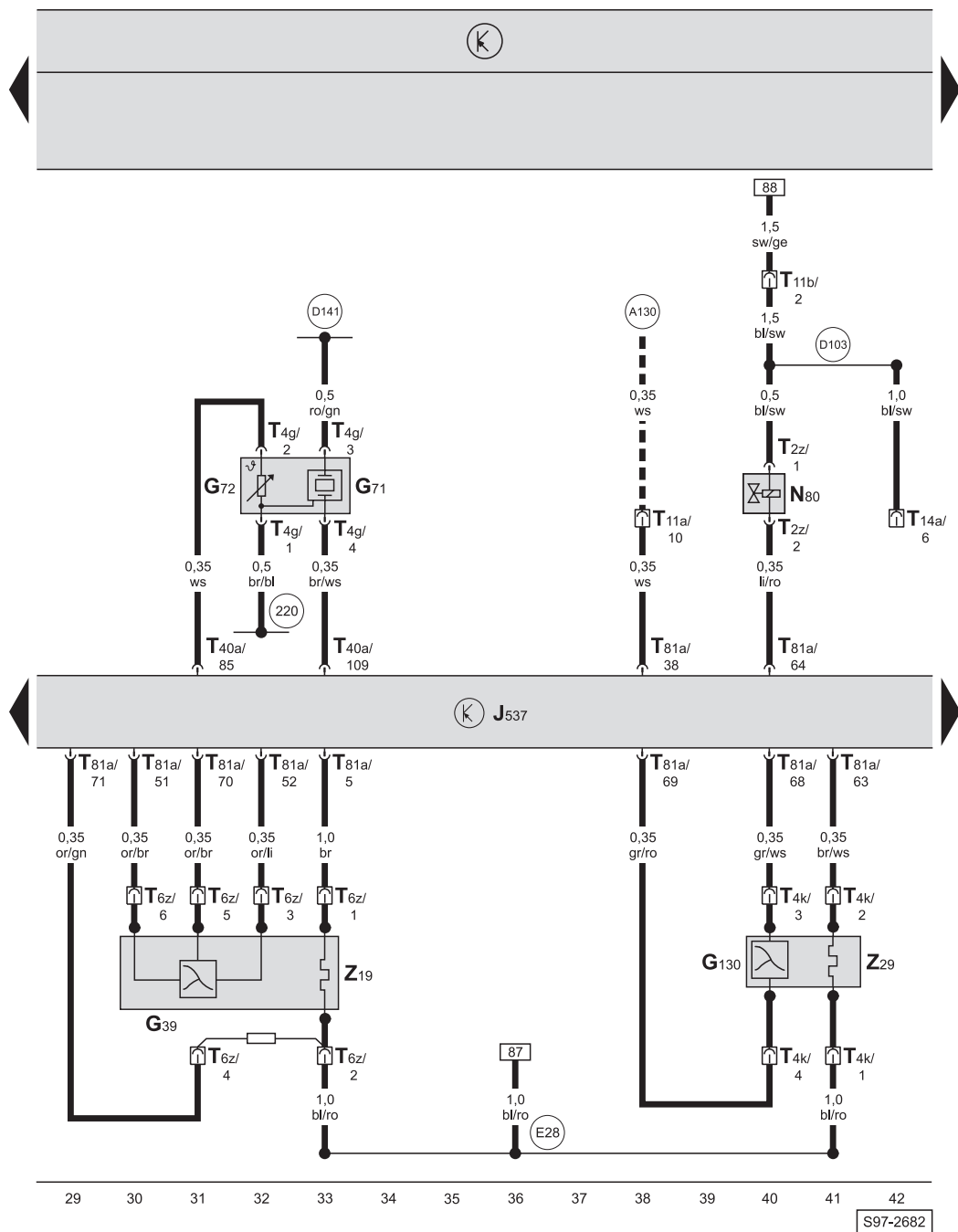
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange

15 16 17 18 19 20 21 22 23 24 25 26 27 28  
S97-3375

- G28 - Engine speed sender
- G62 - Coolant temperature sender
- G212 - Exhaust gas recirculation potentiometer
- J537 - 4LV 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

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



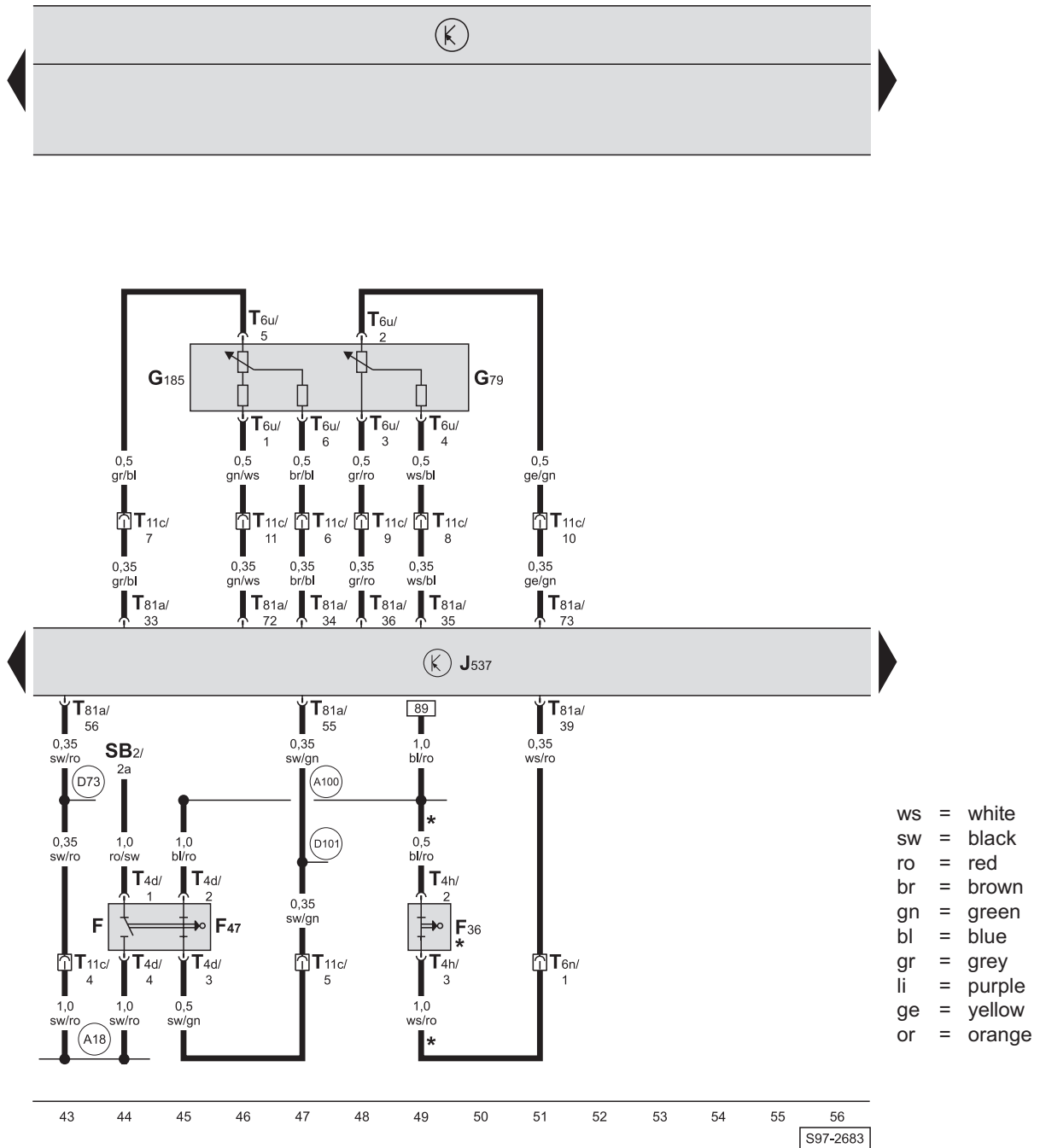
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange

- G39 - Lambda probe
- G71 - Intake manifold pressure sender
- G72 - Intake manifold temperature sender
- G130 - Lambda probe downstream of catalytic converter
- J537 - 4LV 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 - 6-pin connector, 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 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

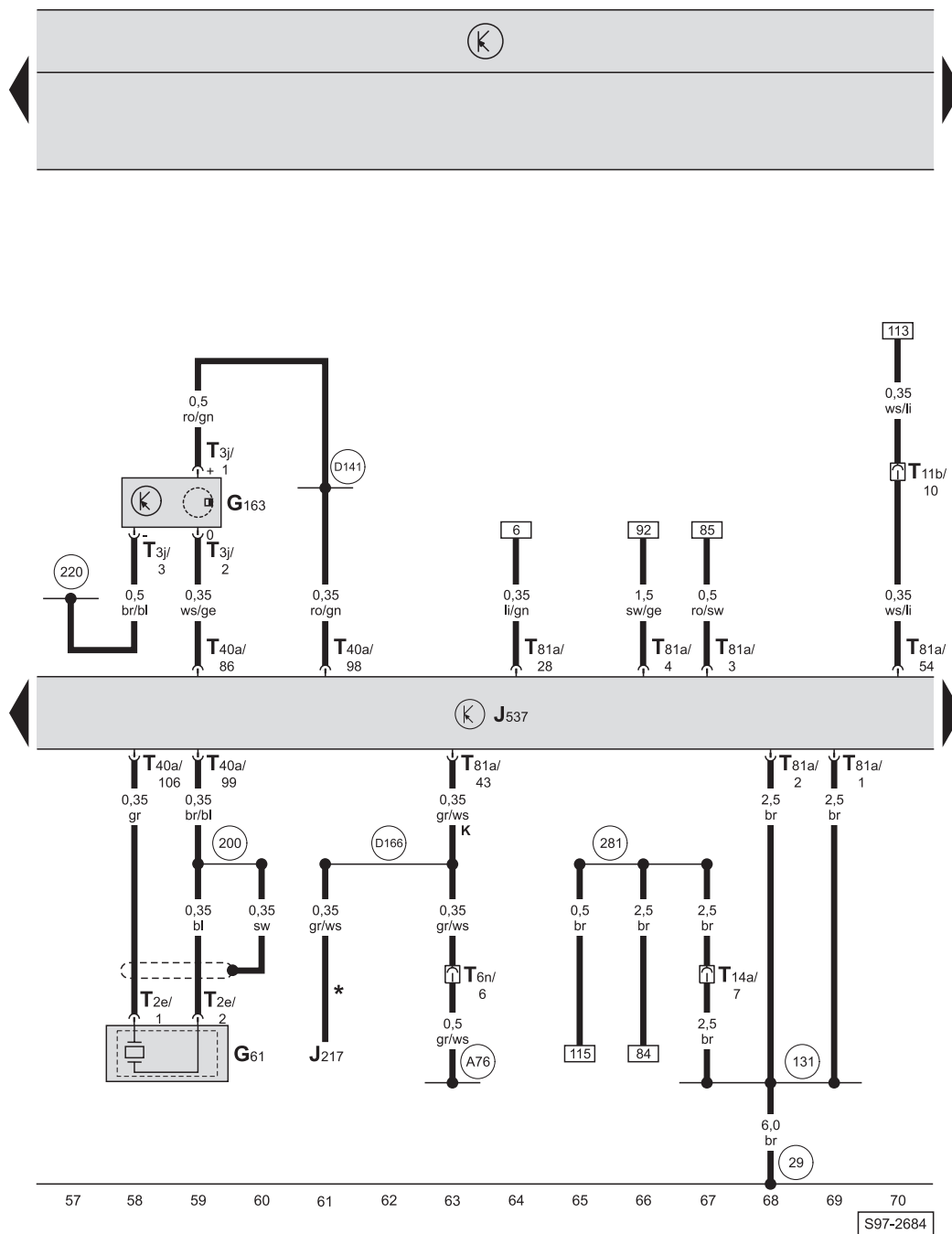
S97-2682



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



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



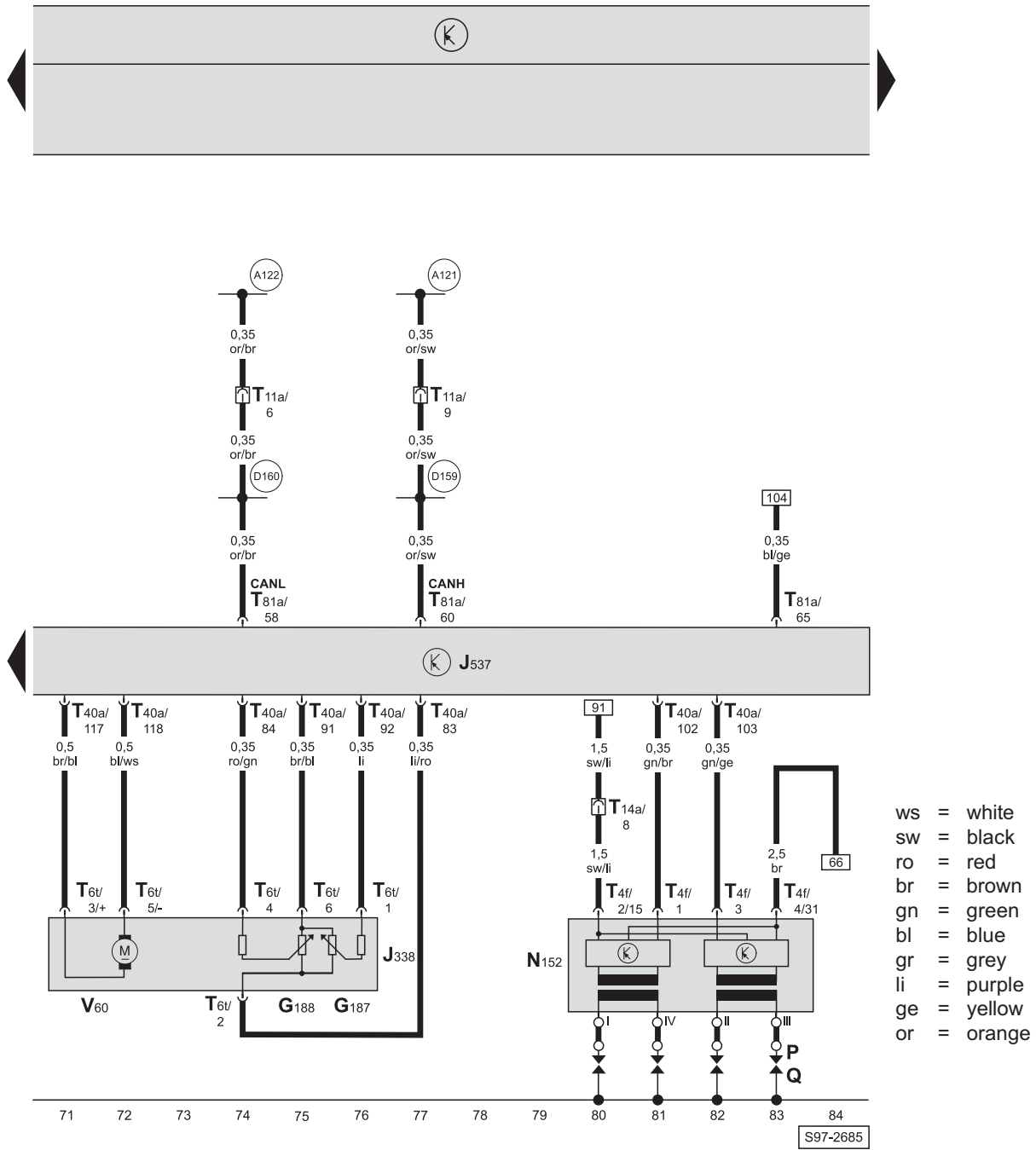
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange

- G61 - Knock sensor I
- G163 - Camshaft position sender
- J217 - Automatic gearbox control unit
- J537 - 4LV 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

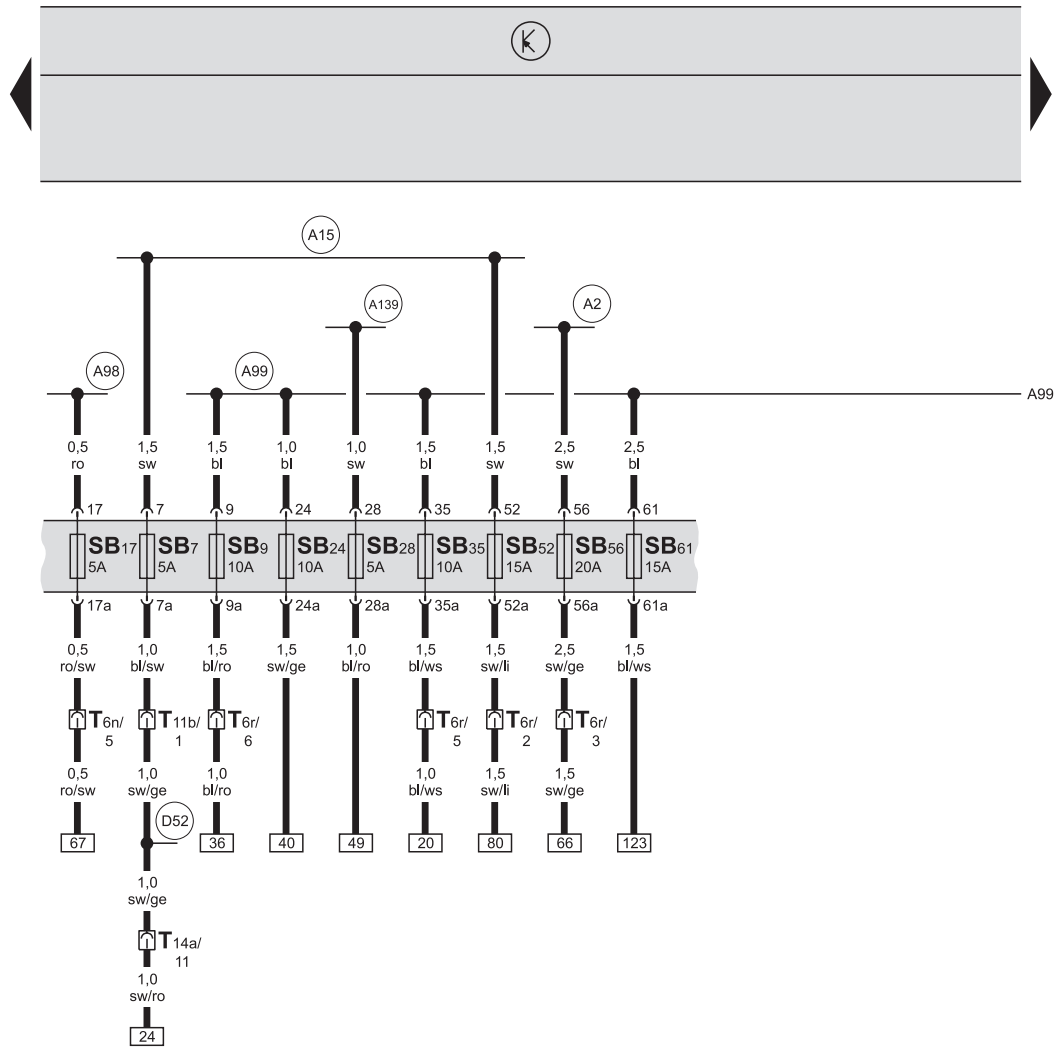
4LV control unit, throttle valve control unit, ignition system



- 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
- J537 - 4LV control unit
- N152 - Ignition transformer
- P - Spark plug connector
- Q - Spark plugs
- T4f - 4-pin connector, at ignition transformer
- T6t - 6-pin connector, at throttle valve control unit
- 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
- 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

Fuse holder



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

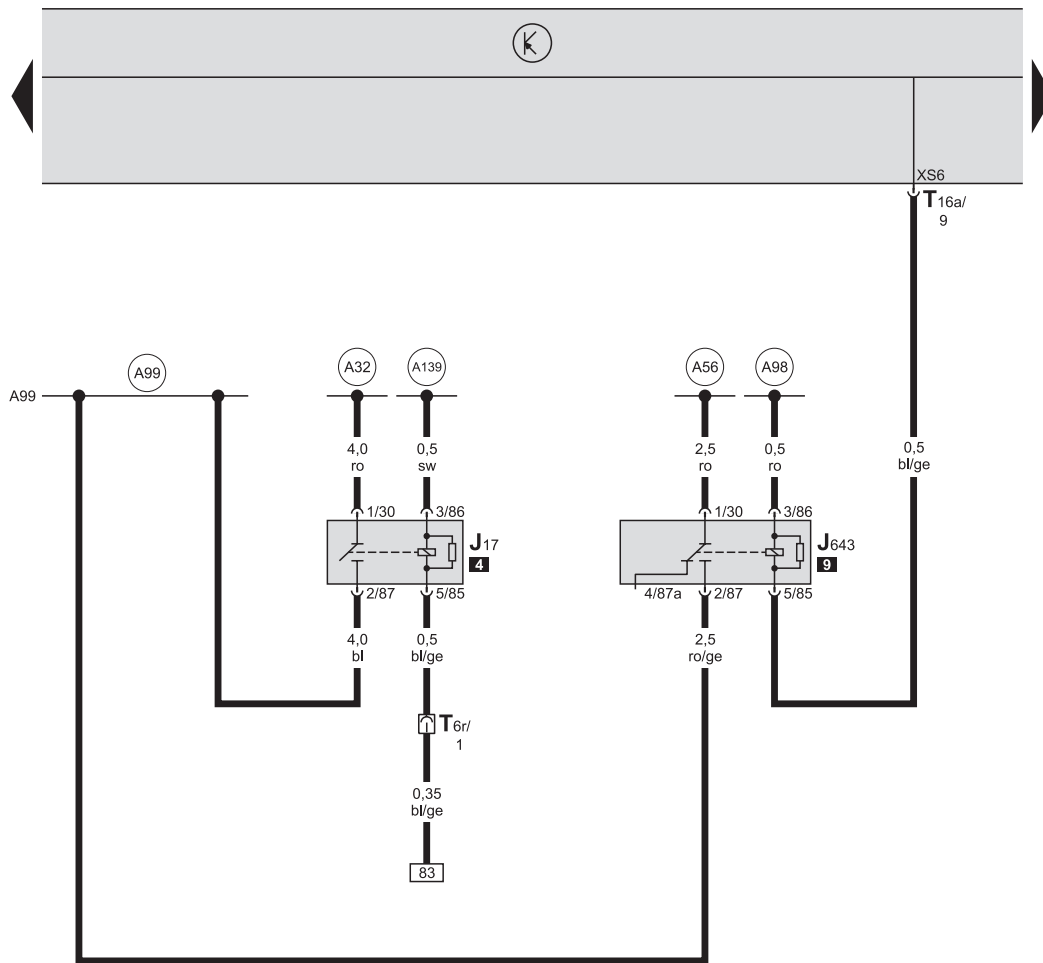
85 86 87 88 89 90 91 92 93 94 95 96 97 98

S97-2686

- 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
- (D52) - Positive connection (15a), in engine compartment wiring loom

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

99 100 101 102 103 104 105 106 107 108 109 110 111 112

S97-2687

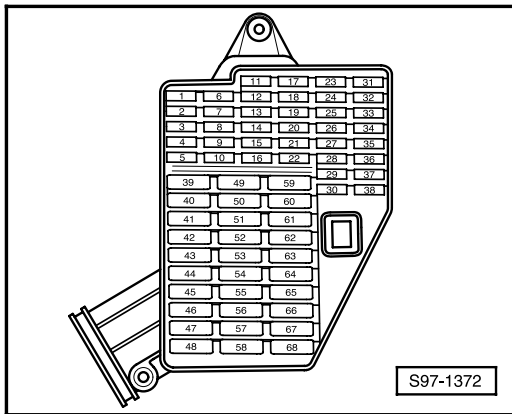
- J17 - Fuel pump relay
- J643 - Fuel feed relay
- T6r - 6-pin connector, at left of bulkhead (brown)
- T16a - 16-pin connector, at electrical system control unit (black)

- (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



2.0-ltr. - Motronic/85 kW, engine code AZL, as of November 2001

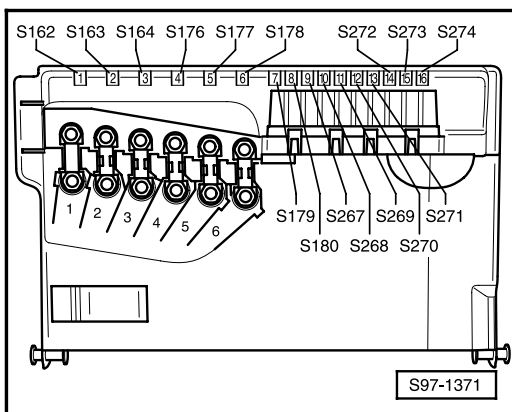
Fuse holder:



Fuse colours

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

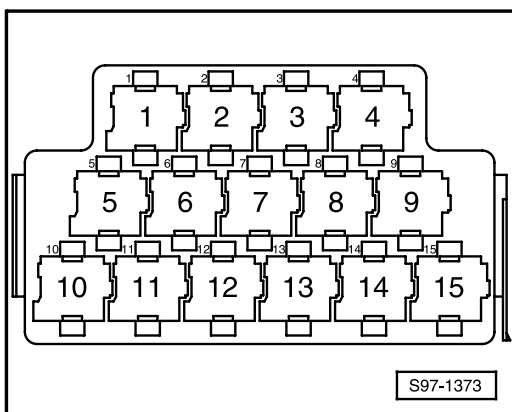
Fuse holder on battery:



Fuse colours

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

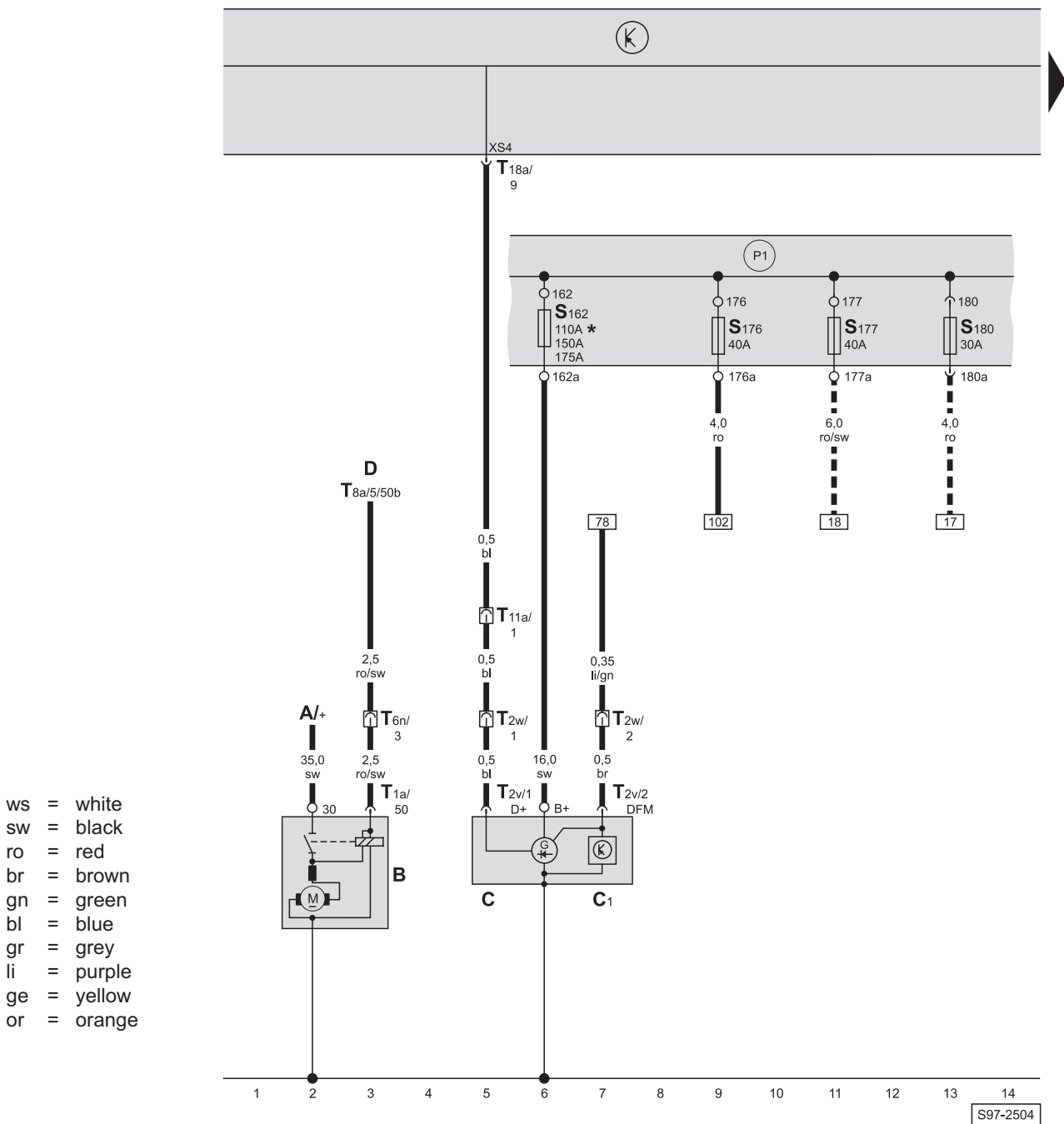
Relay holder:



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

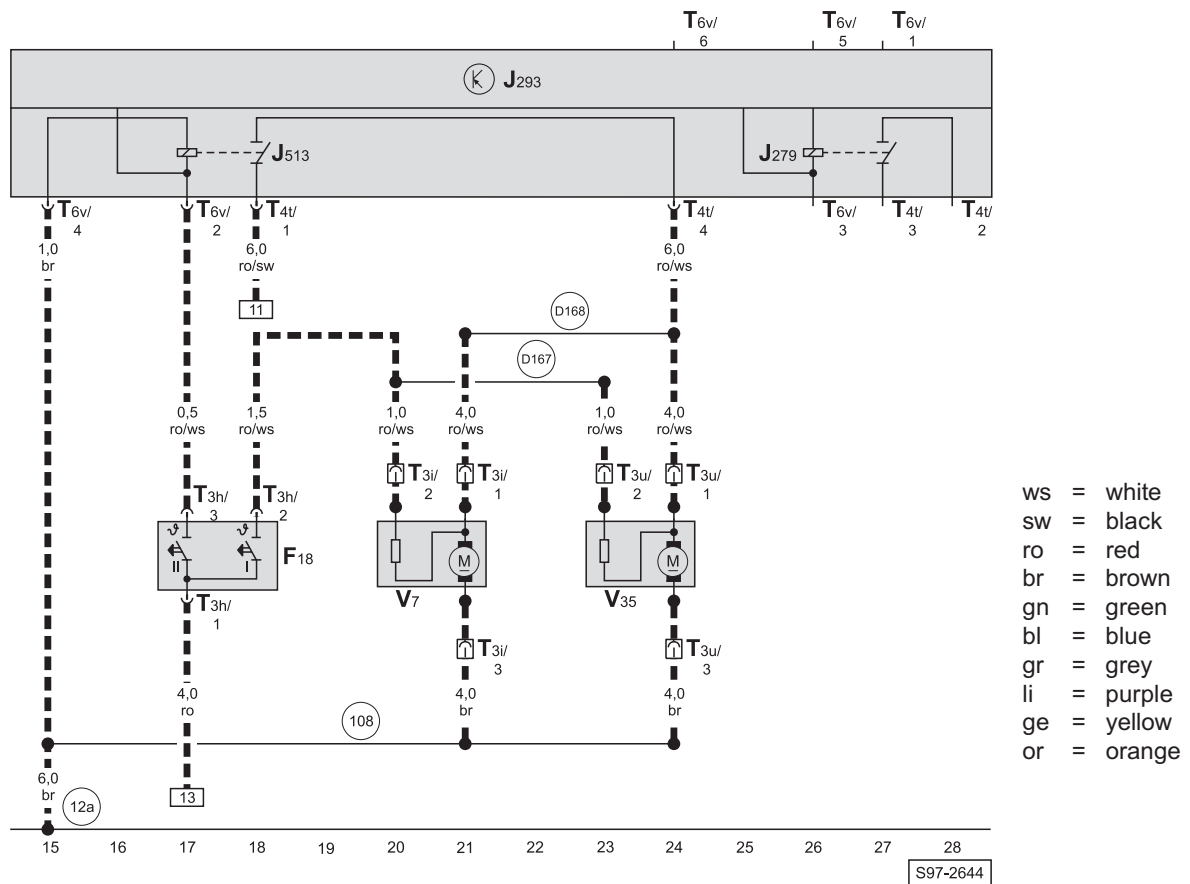
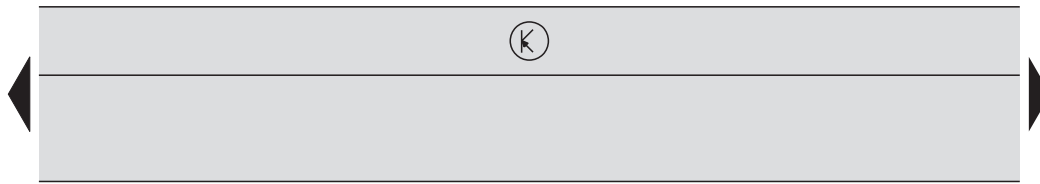


- A - Battery
- B - Starter
- C - Alternator
- C1 - Voltage regulator
- D - Ignition/starter switch
- S162 - Fuse -1- (30), in fuse holder on battery
- S176 - Fuse -4- (30), in fuse holder on battery
- S177 - Fuse -5- (30), in fuse holder on battery
- S180 - Fuse -8- (30), in fuse holder on battery
- 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
- \* - Varies according to optional equipment
- - Does not apply to models with air conditioning



Radiator fan control unit, radiator fan thermostats, radiator fan

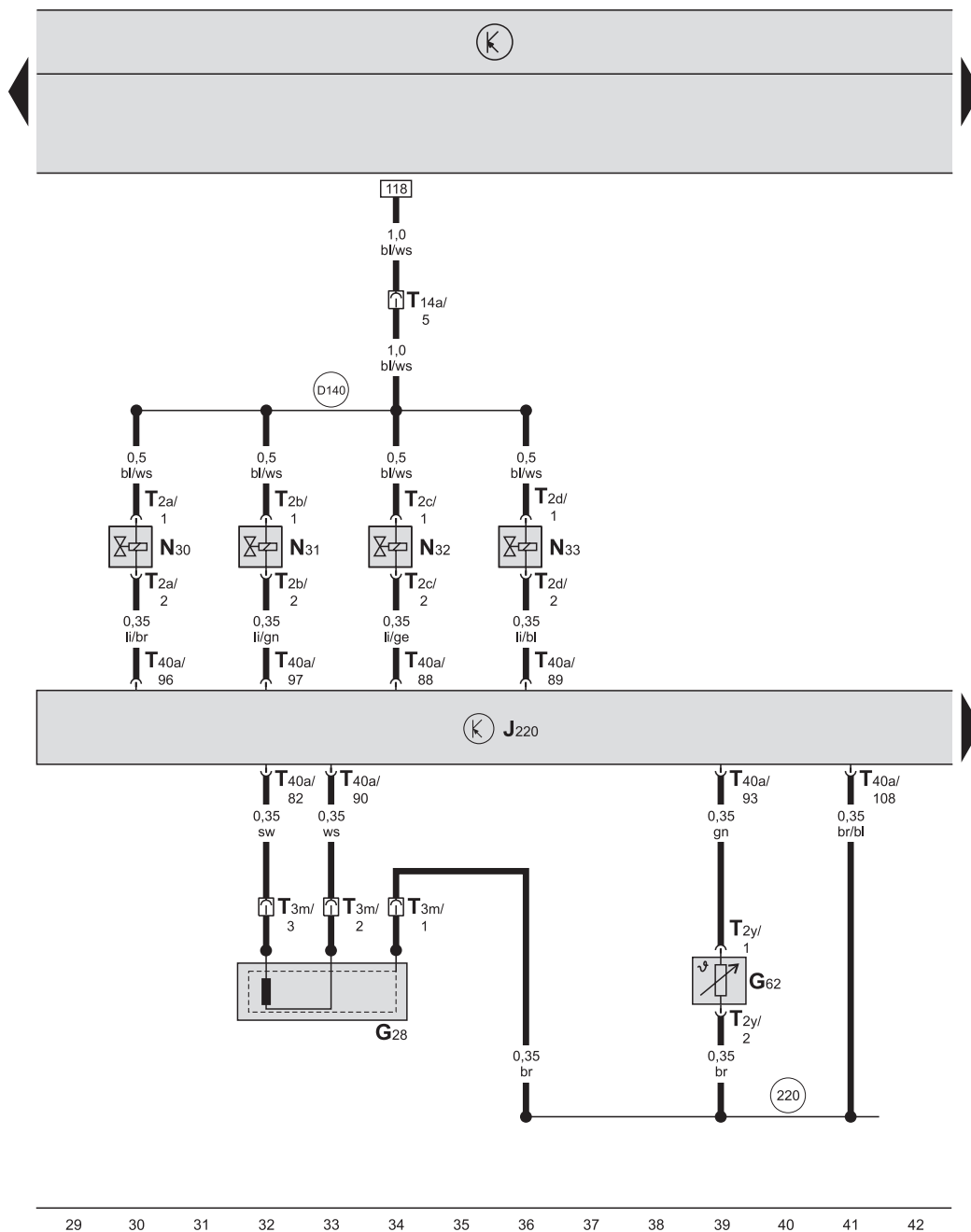


- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange

- 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

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



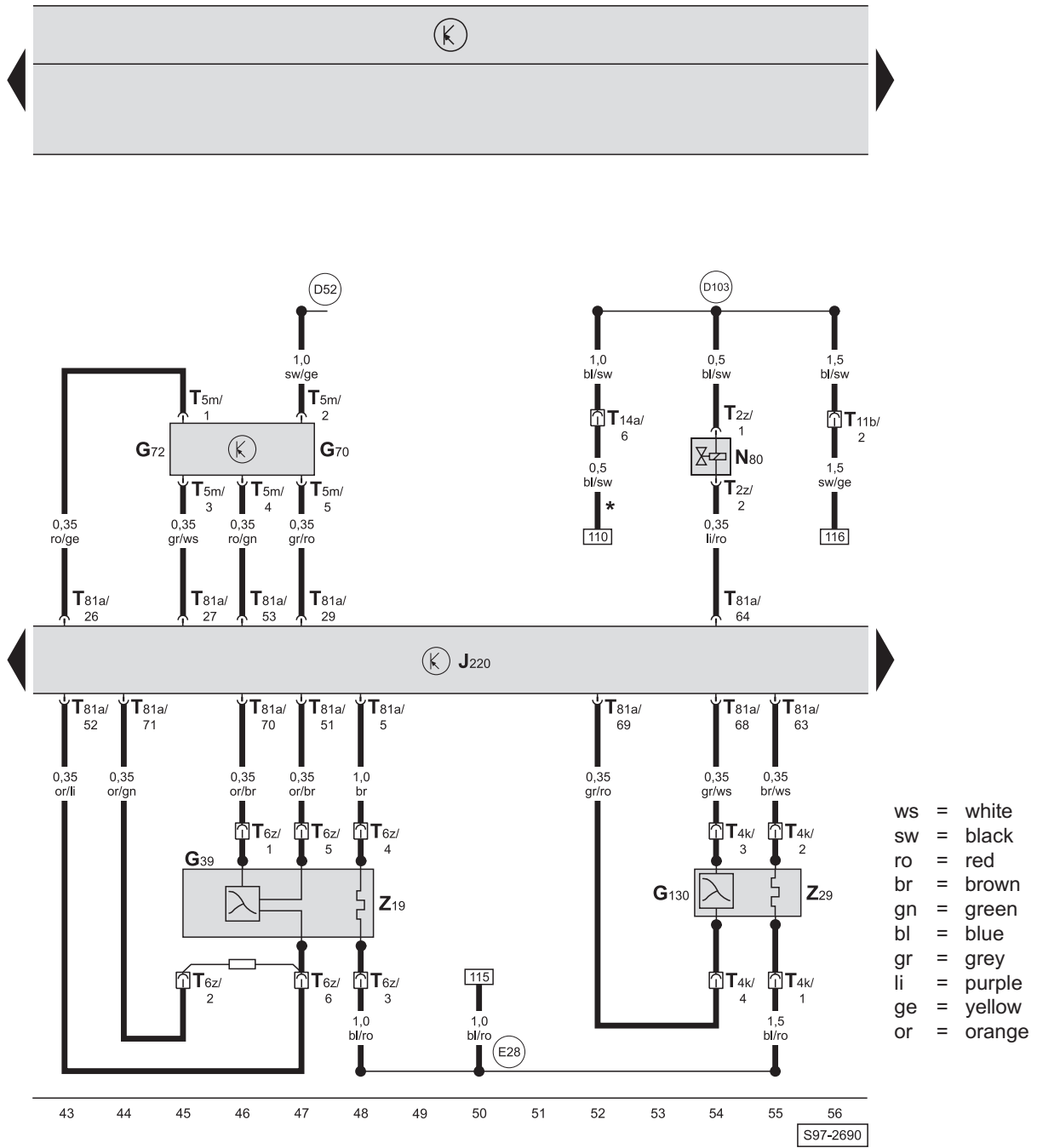
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange

- G28 - Engine speed sender
- G62 - Coolant temperature sender
- 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
- 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 wiring harness
- (D140) - Connection (injectors), in engine assembly wiring loom

S97-2689

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

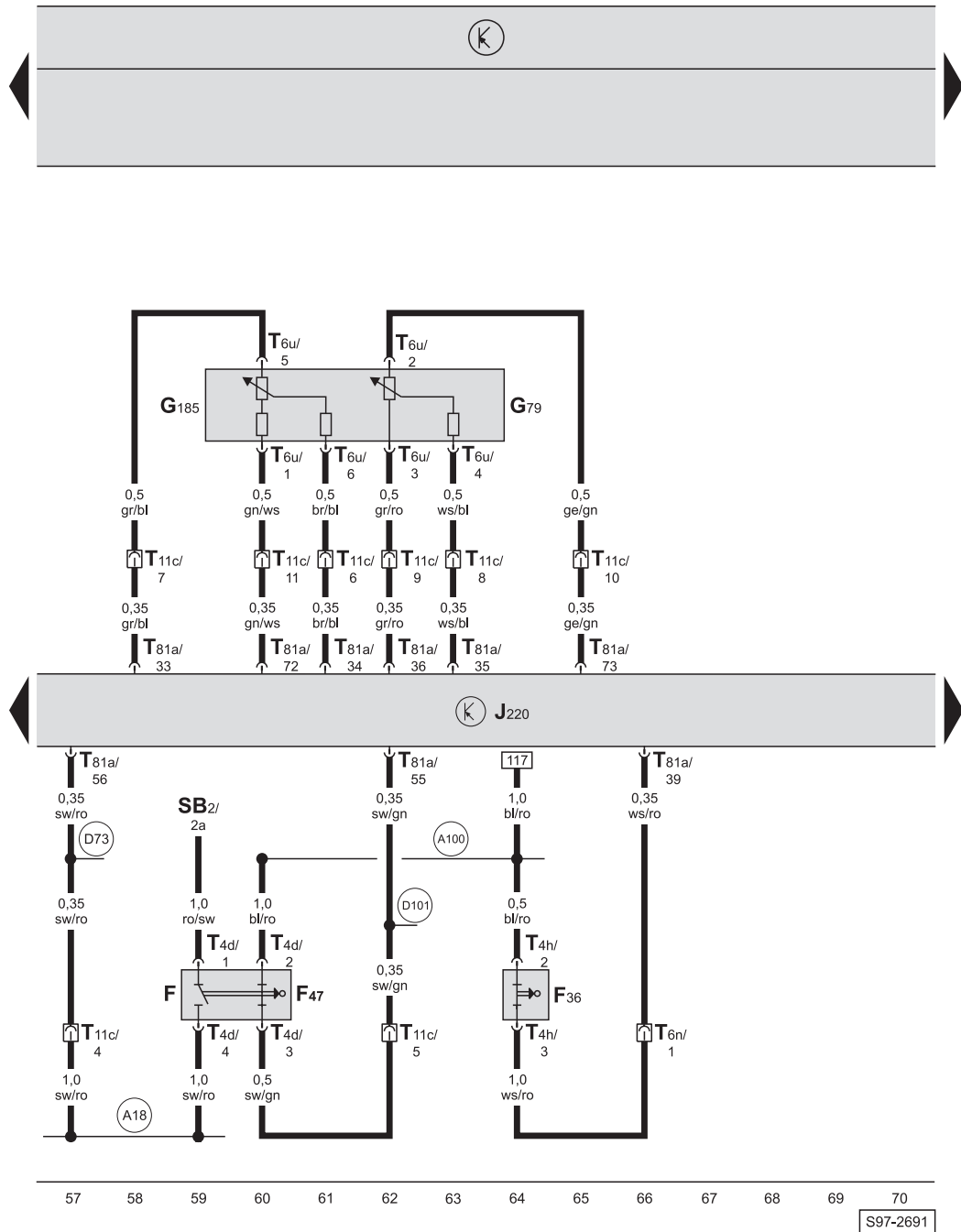


- G39 - Lambda probe
- G70 - Air mass meter
- G72 - Intake manifold temperature sender
- G130 - Lambda probe downstream of catalytic converter
- J220 - Motronic control unit
- N80 - Activated charcoal filter system solenoid valve
- T2z - 2-pin connector, at activated charcoal filter system solenoid valve
- 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 - 6-pin connector, 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



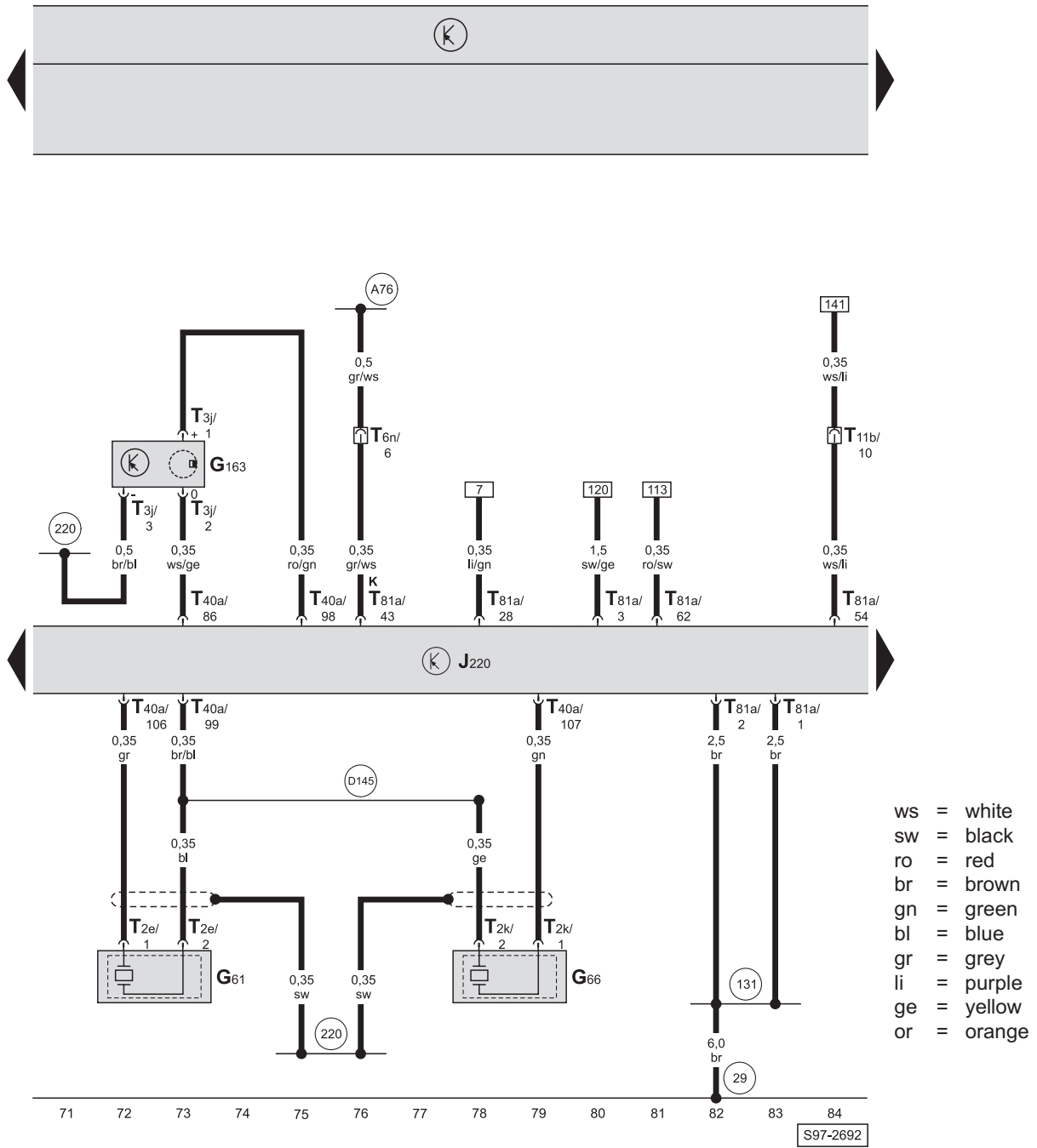
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange

- 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

S97-2691

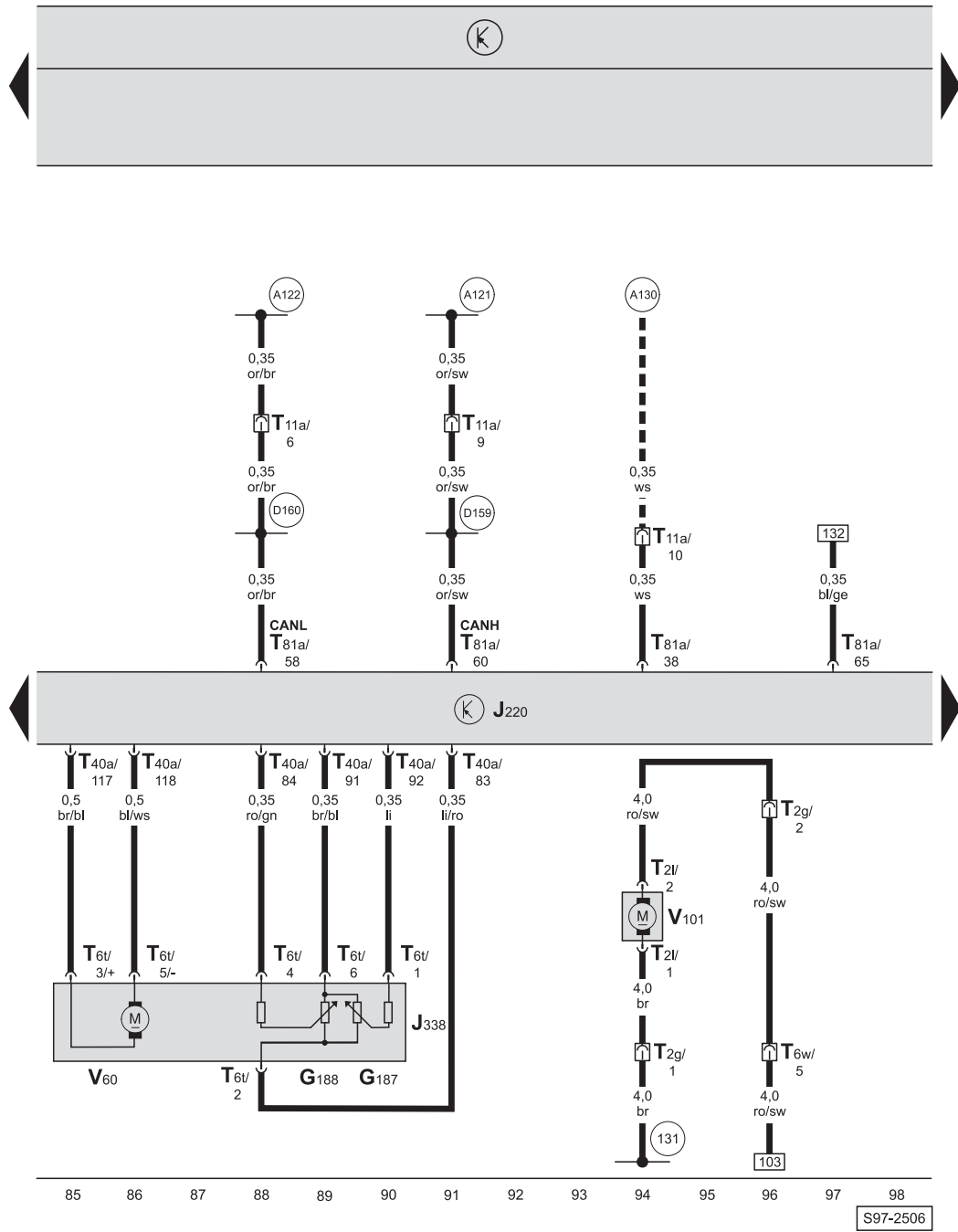
Motronic control unit, knock sensor I, knock sensor II, camshaft position sender



- 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

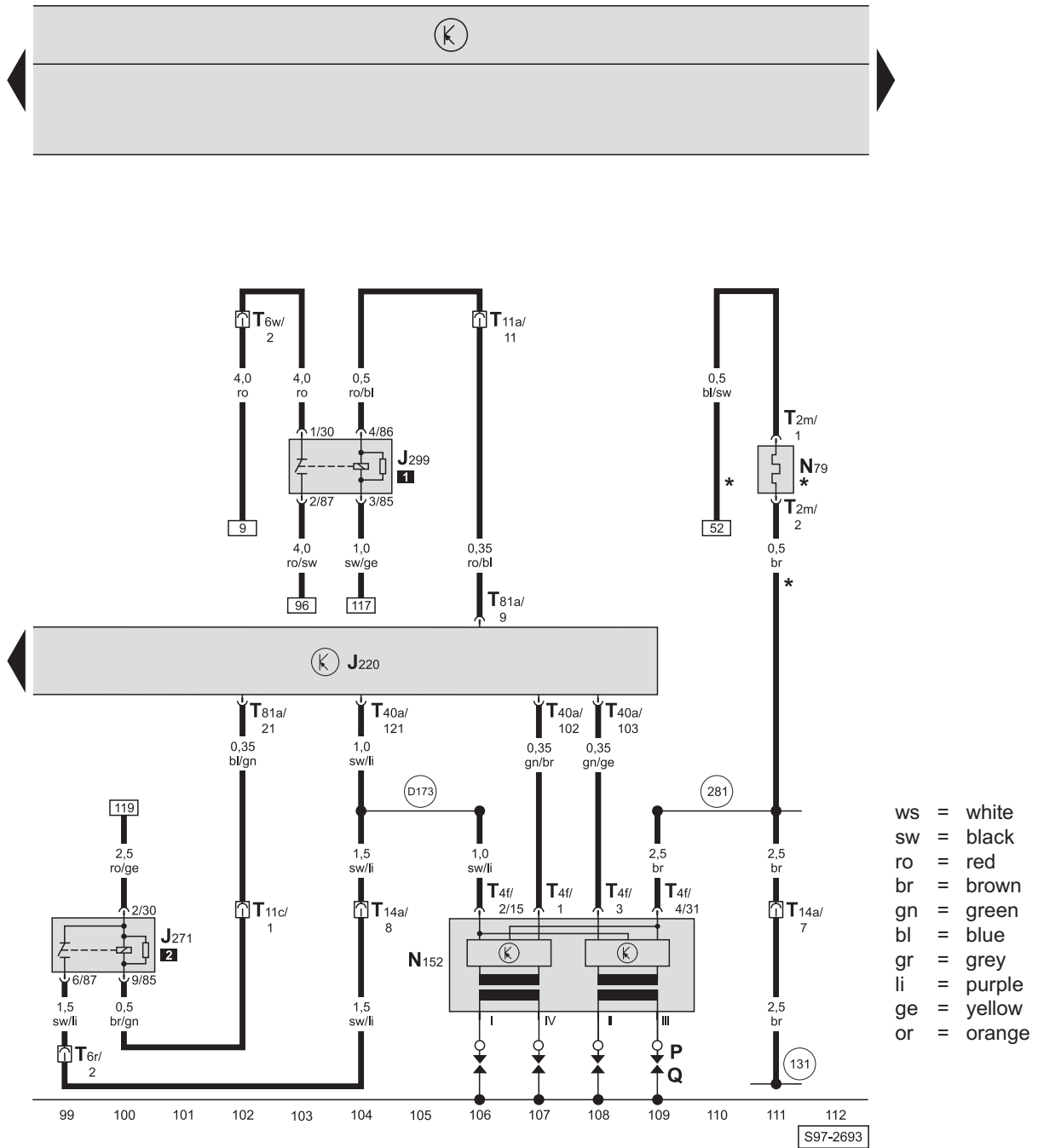


ws = white  
 sw = black  
 ro = red  
 br = brown  
 gn = green  
 bl = blue  
 gr = grey  
 li = purple  
 ge = yellow  
 or = orange

- 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

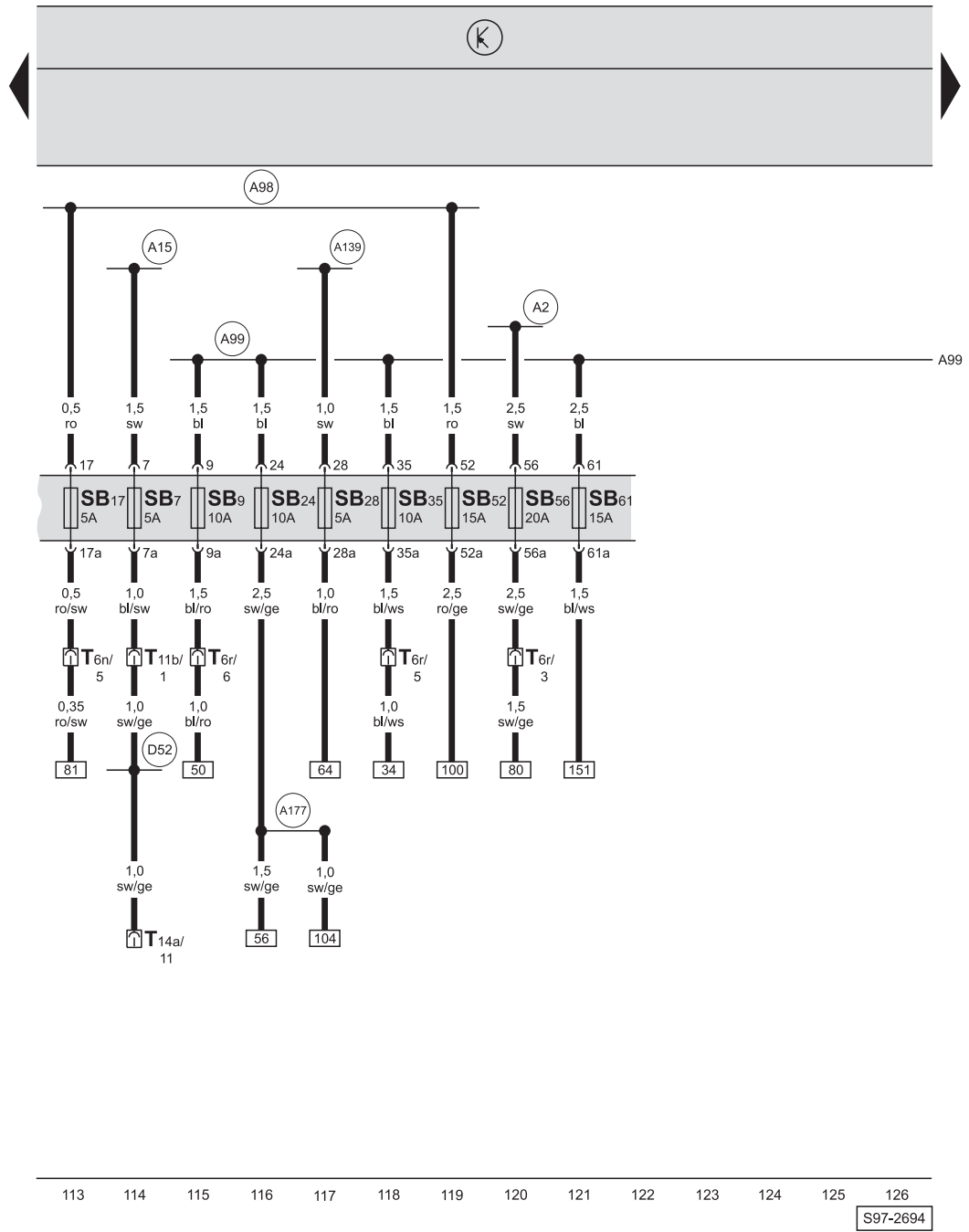
Motronic control unit, ignition system, secondary air pump relay



- 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



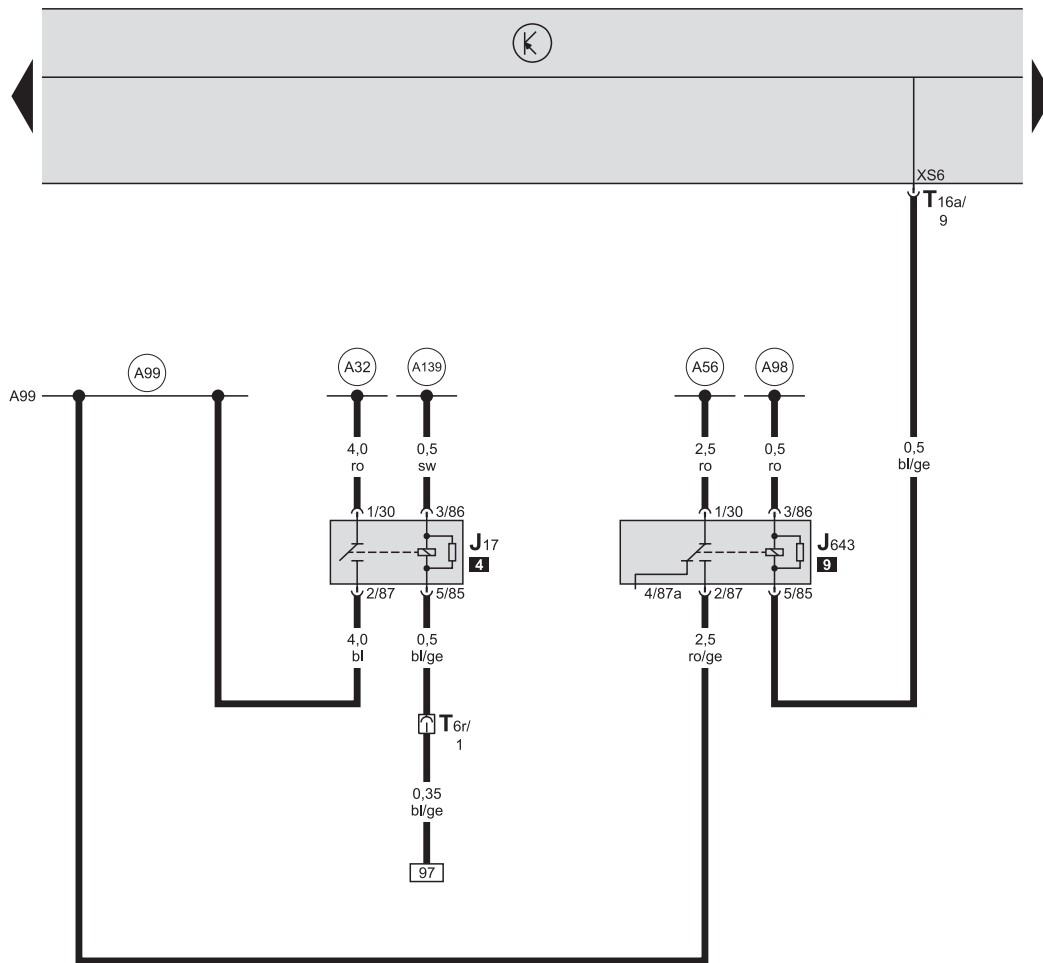
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange

- 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



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

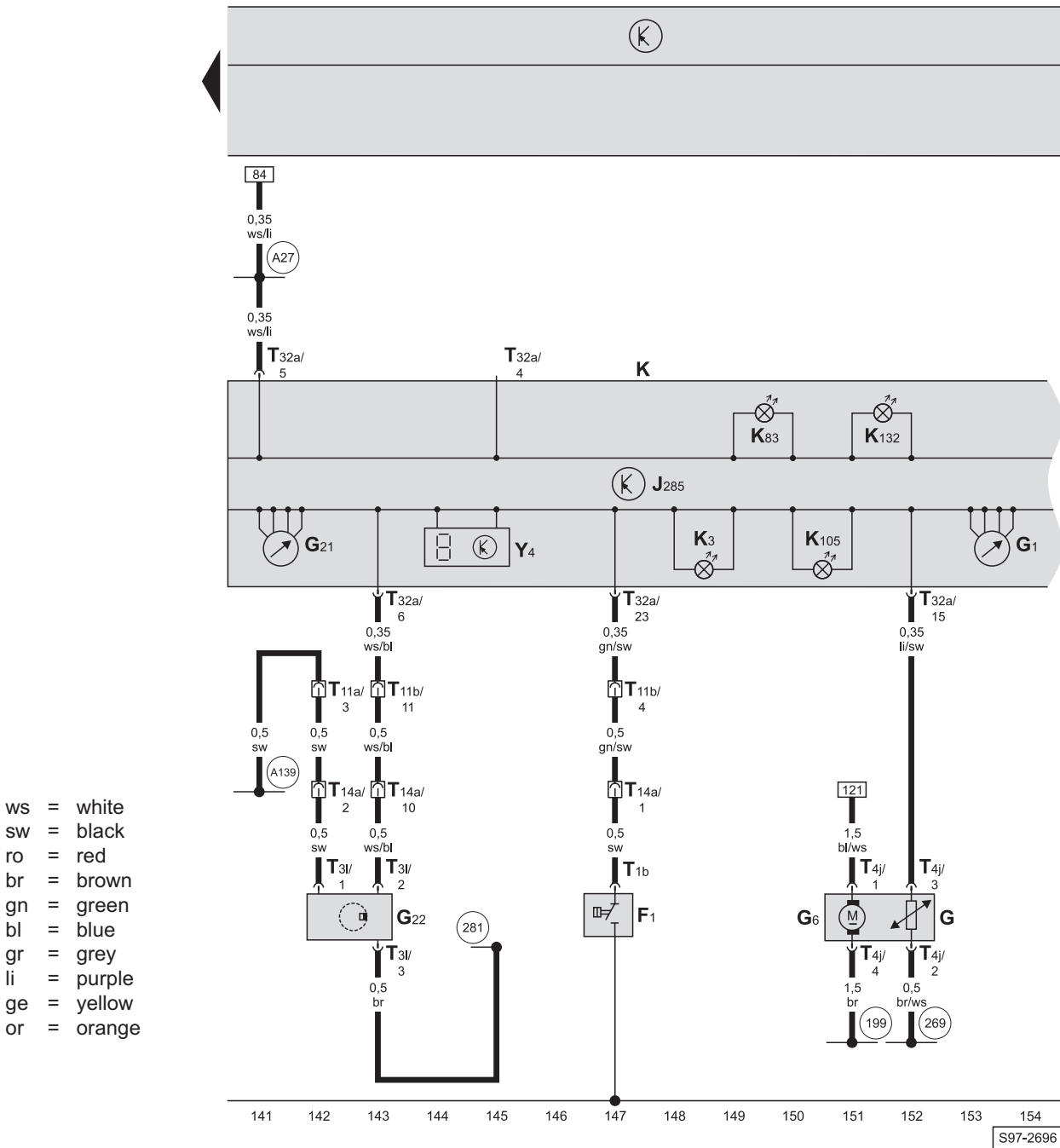
127 128 129 130 131 132 133 134 135 136 137 138 139 140

S97-2695

- 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



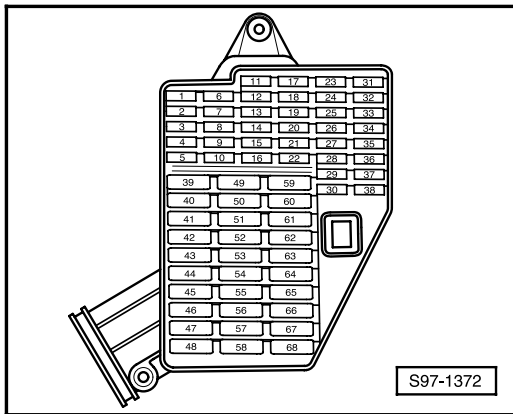
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange

- 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
- 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
- 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
- 281 - Earth connection -1-, in engine pre-assembly wiring loom
- A27 - Connection (vehicle speed signal), in wiring loom behind dash panel
- A139 - Positive connection (15), in wiring loom behind dash panel

1.9-ltr. - SDI/47 kW, engine code ASY, as of November 2001

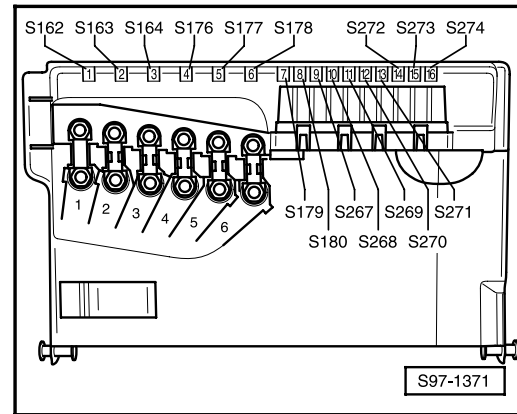
Fuse holder:



Fuse colours

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

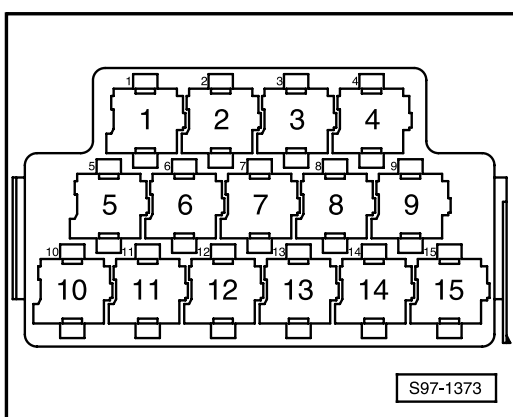
Fuse holder on battery:



Fuse colours

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

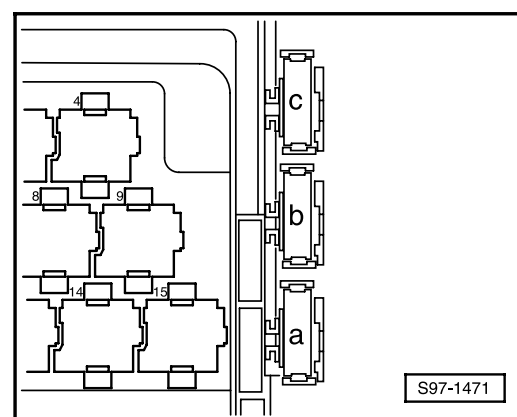
Relay holder:



Relay position assignment:

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

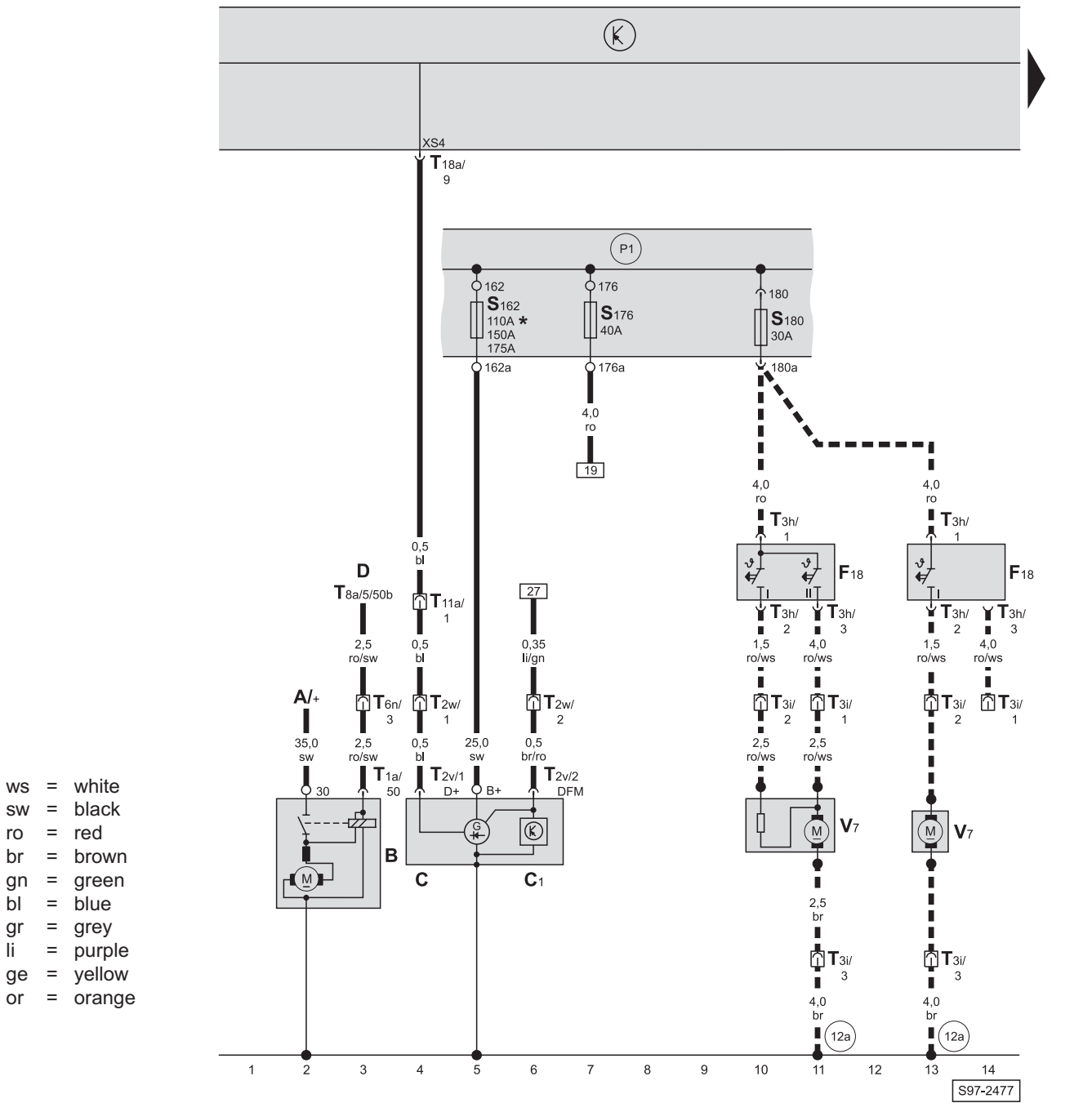
Additional fuse holder:



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

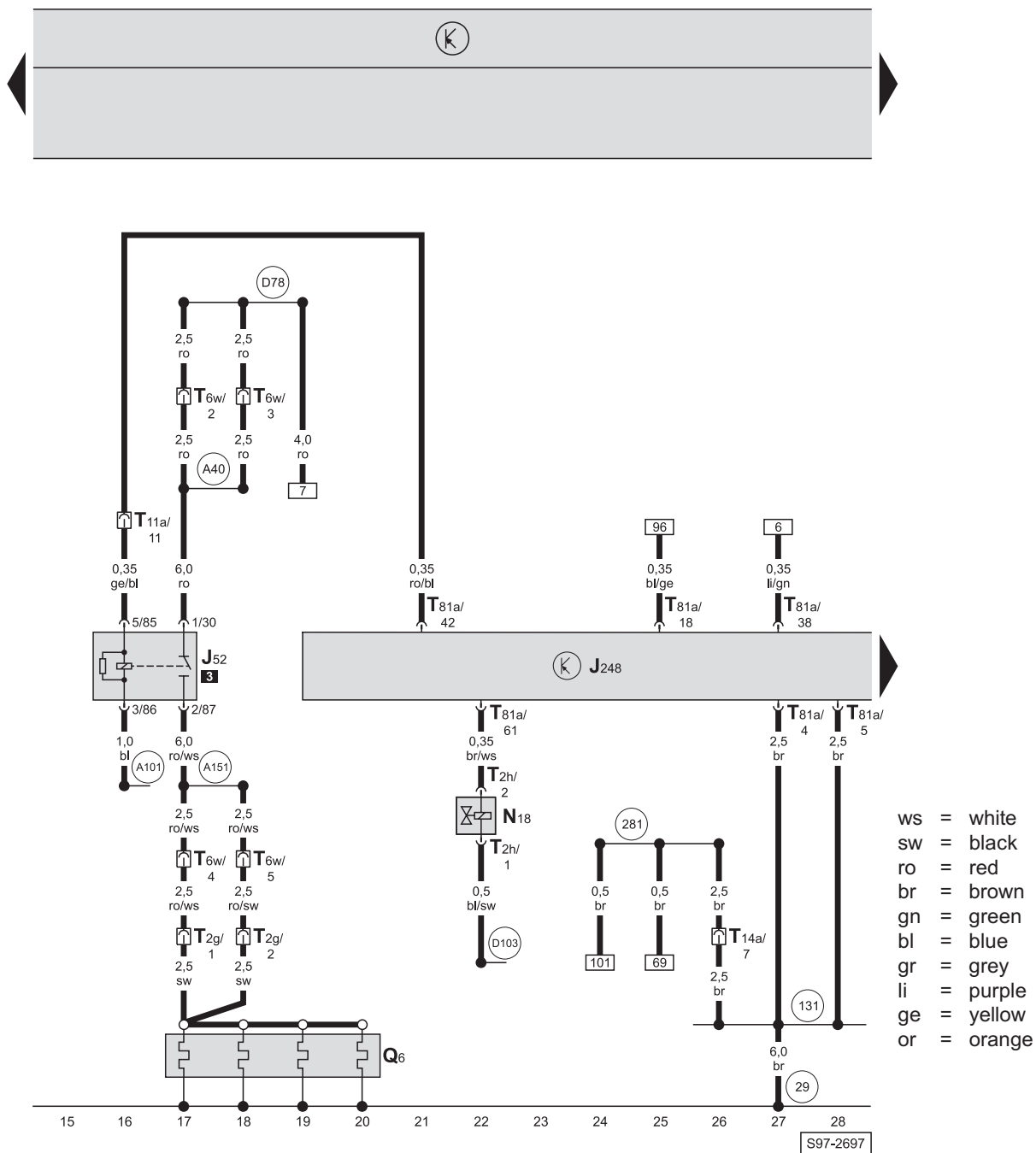


- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange

- 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
- \* - Varies according to optional equipment
- ■ ■ - Thermoswitch and radiator fan vary according to optional equipment (does not apply to models with air conditioning)

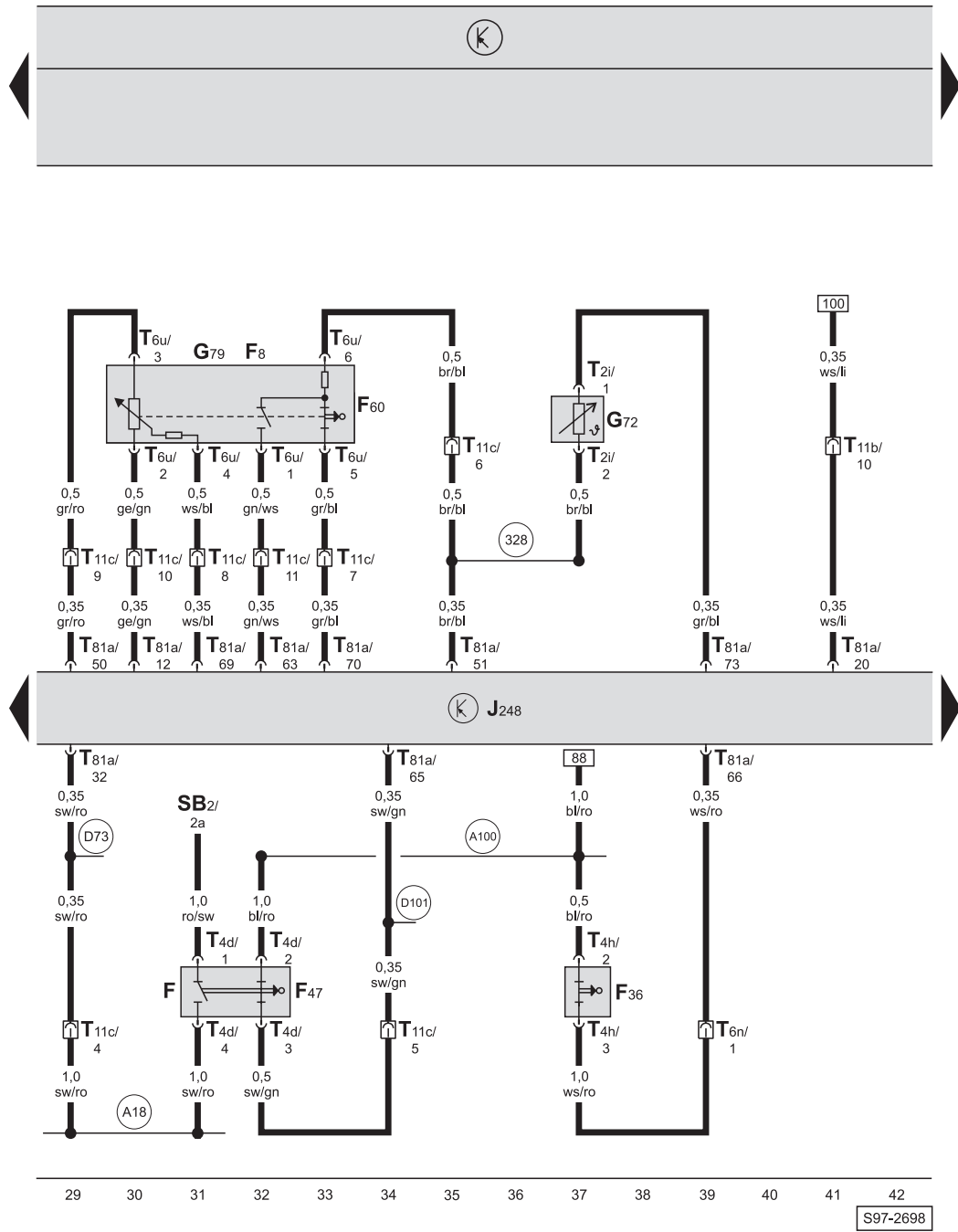
Diesel direct injection system control unit, glow plug relay, glow plugs, EGR valve



- 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

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



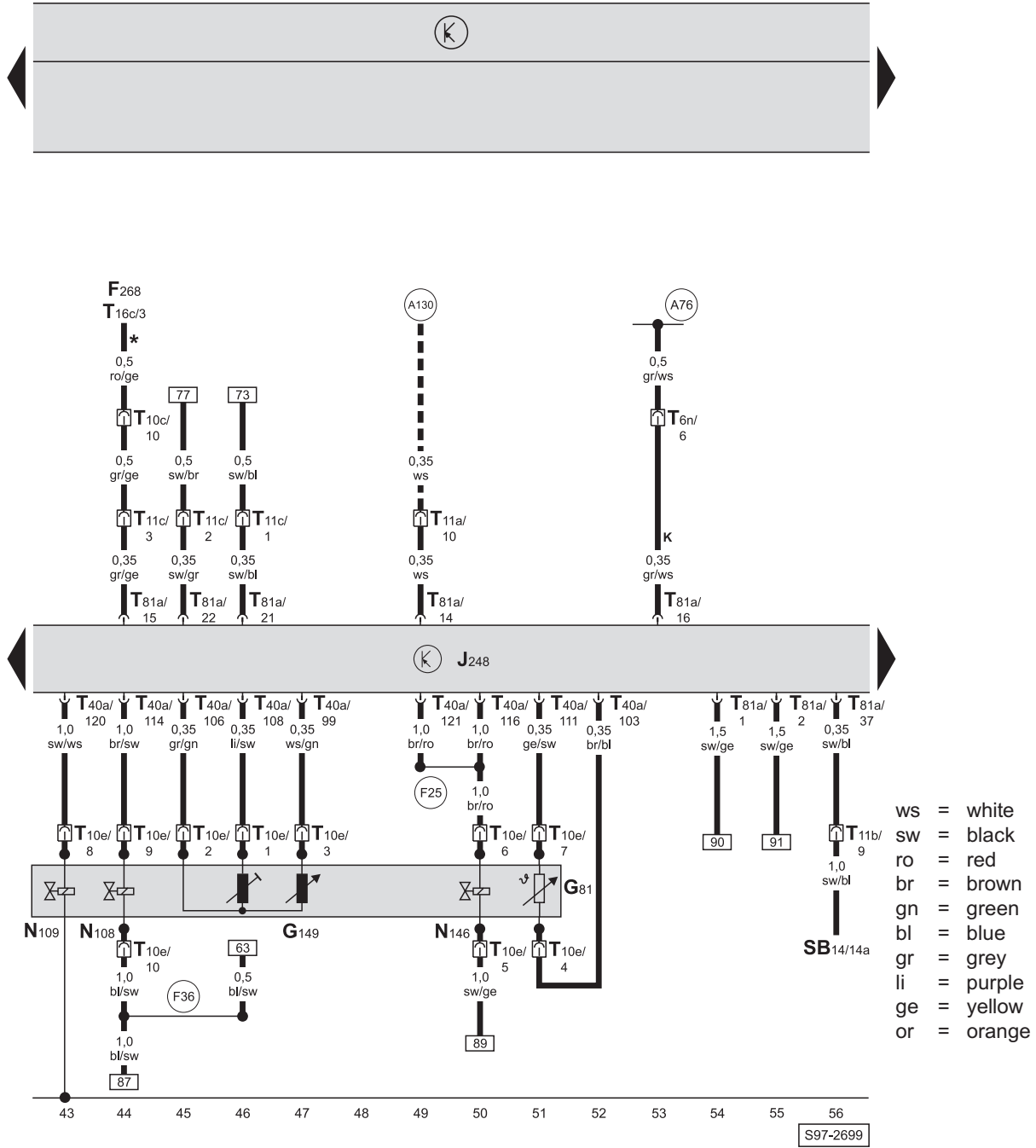
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange

- F - Brake light switch
- F8 - Kickdown switch
- F36 - Clutch pedal switch
- F47 - Brake pedal switch
- F60 - Idling speed switch
- G72 - Intake manifold temperature sender
- G79 - Accelerator position sender
- J248 - Diesel direct injection system control unit
- SB2 - Fuse, in fuse holder
- T2i - 2-pin connector, at fuel gauge sender
- 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

- 328 - Earth connection -2- (sender earth), in engine compartment wiring harness
- 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

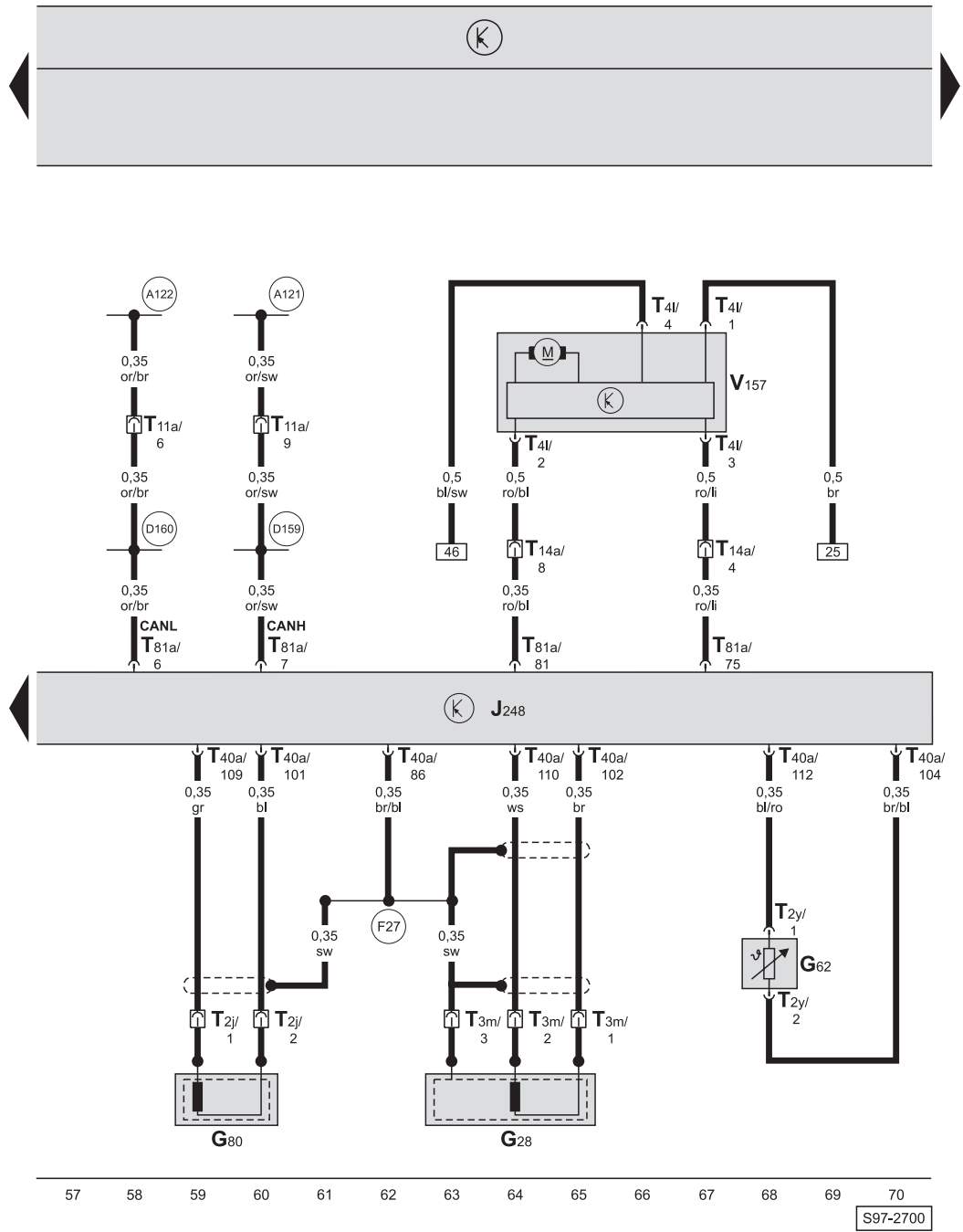
S97-2698

Diesel direct injection system control unit, fuel temperature sender, modulating piston movement sender, quantity adjuster



- F268 - Heater element contact switch (PTC)
- G81 - Fuel temperature sender
- G149 - Modulating piston movement sender
- J248 - Diesel direct injection system control unit
- N108 - Commencement of injection valve
- N109 - Fuel cut off valve
- N146 - Quantity (metering) adjuster
- SB14 - Fuse, in fuse holder
- T6n - 6-pin connector, at left of bulkhead (blue)
- T10c - 10-pin connector, behind dash panel on right
- T10e - 10-pin connector, at injection pump
- T11a - 11-pin connector, at left of bulkhead (white)
- T11b - 11-pin connector, at left of bulkhead (red)
- T11c - 11-pin connector, at left of bulkhead (blue)
- T16c - 16-pin connector, at fresh air controls
- 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
- (A130) - Connection (CCS), in wiring loom behind dash panel on left
- (F25) - Connection -1-, in engine preassembly wiring loom
- (F36) - Connection (87a), in engine preassembly wiring loom
- \* - does not apply to models with air conditioning
- ■ ■ - Applies only to models with CCS

Diesel direct injection system control unit, engine speed sender, coolant temperature sender, needle motion sender

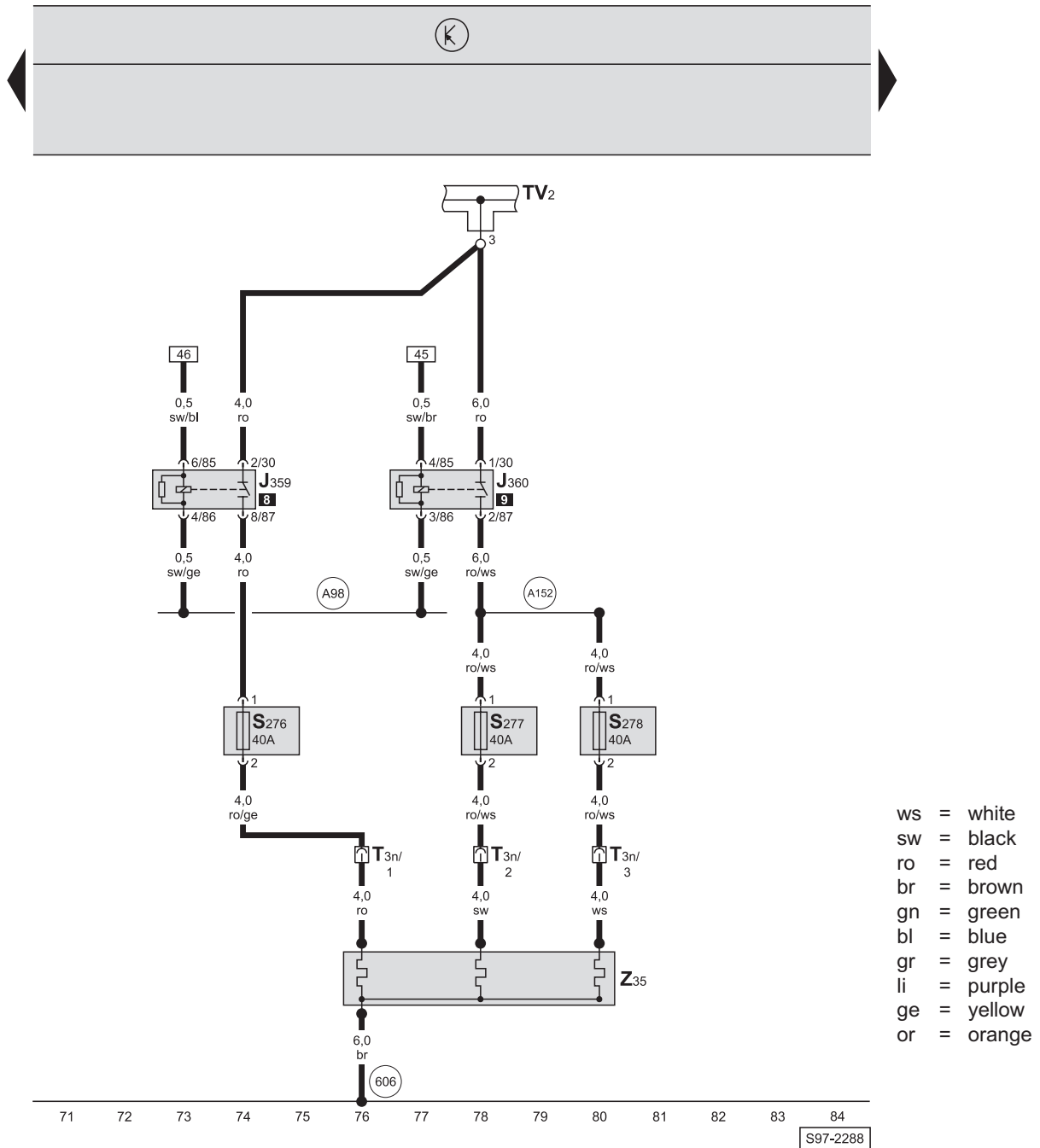


- G28 - Engine speed sender
- G62 - Coolant temperature sender
- G80 - Needle lift sender
- J248 - Diesel direct injection system control unit
- T2j - 2-pin connector, at needle lift sender
- T2y - 2-pin connector, at coolant temperature sender
- T3m - 3-pin connector, at engine speed sender
- T4l - 4-pin connector, at intake manifold flap motor
- 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
- V157 - Intake manifold flap motor

- (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
- (F27) - Connection (screening), in engine pre-wiring wiring harness



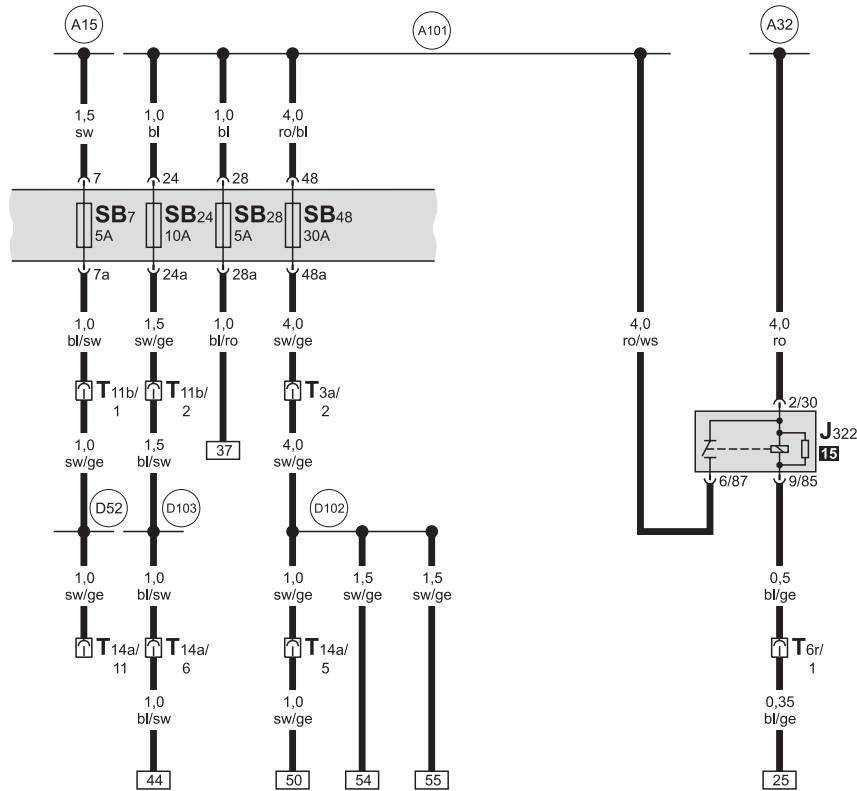
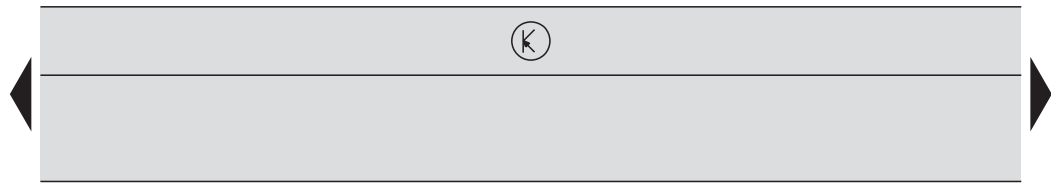
Low heating capacity relay, high heating capacity relay, heating element for additional heater (PTC), additional fuse holder



- 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

Diesel direct injection system relay, fuse holder



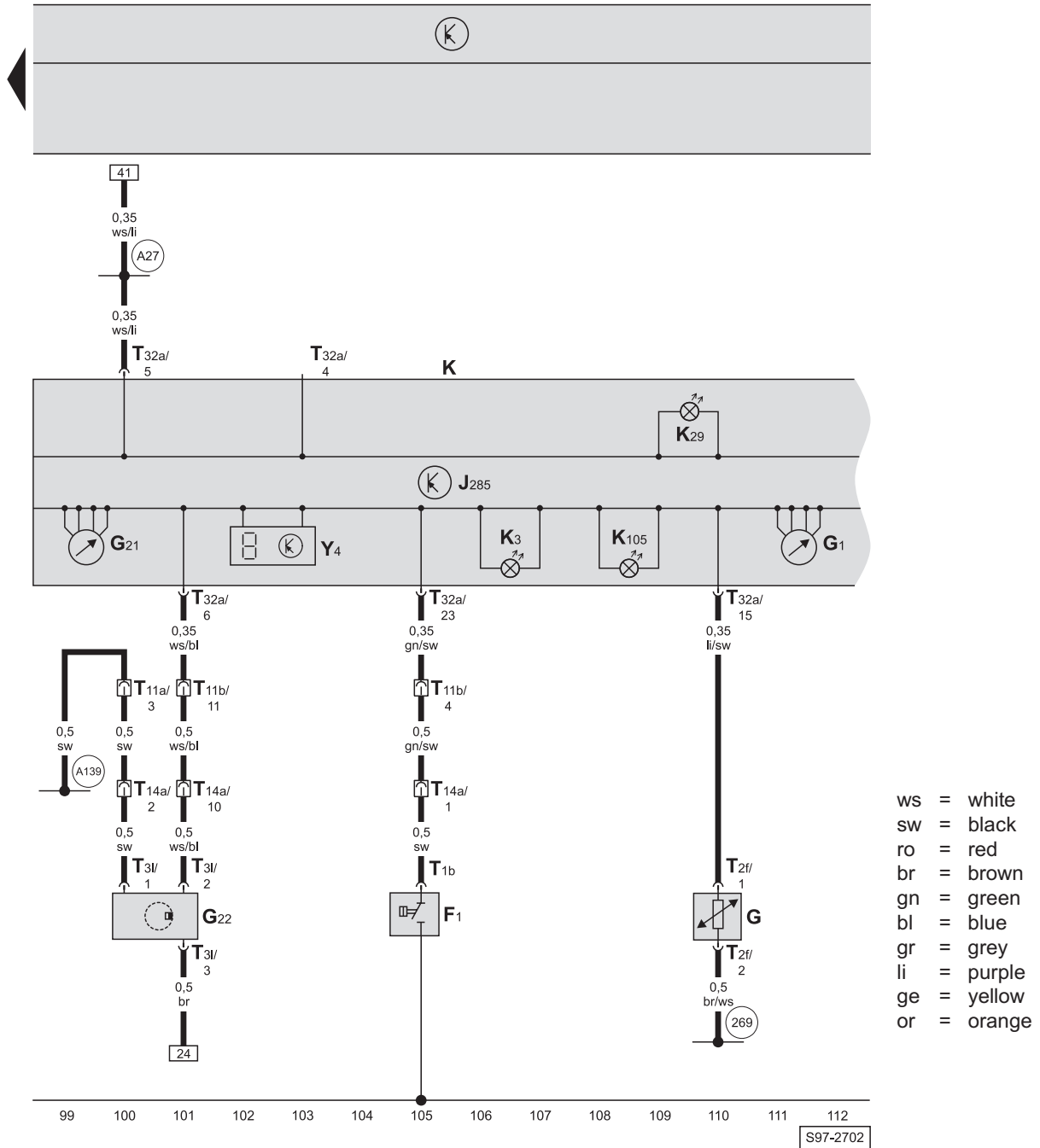
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange

85 86 87 88 89 90 91 92 93 94 95 96 97 98  
 S97-2701

- J322 - Diesel direct injection system relay
- T3a - 3-pin connector, at left of bulkhead (grey)
- 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
- (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

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
- 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
- K105 - Reserve fuel warning lamp
- T1b - 1-pin connector, at oil pressure switch
- T2f - 2-pin connector, at fuel gauge sender
- T3l - 3-pin connector, at speedometer sender
- 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

- 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

