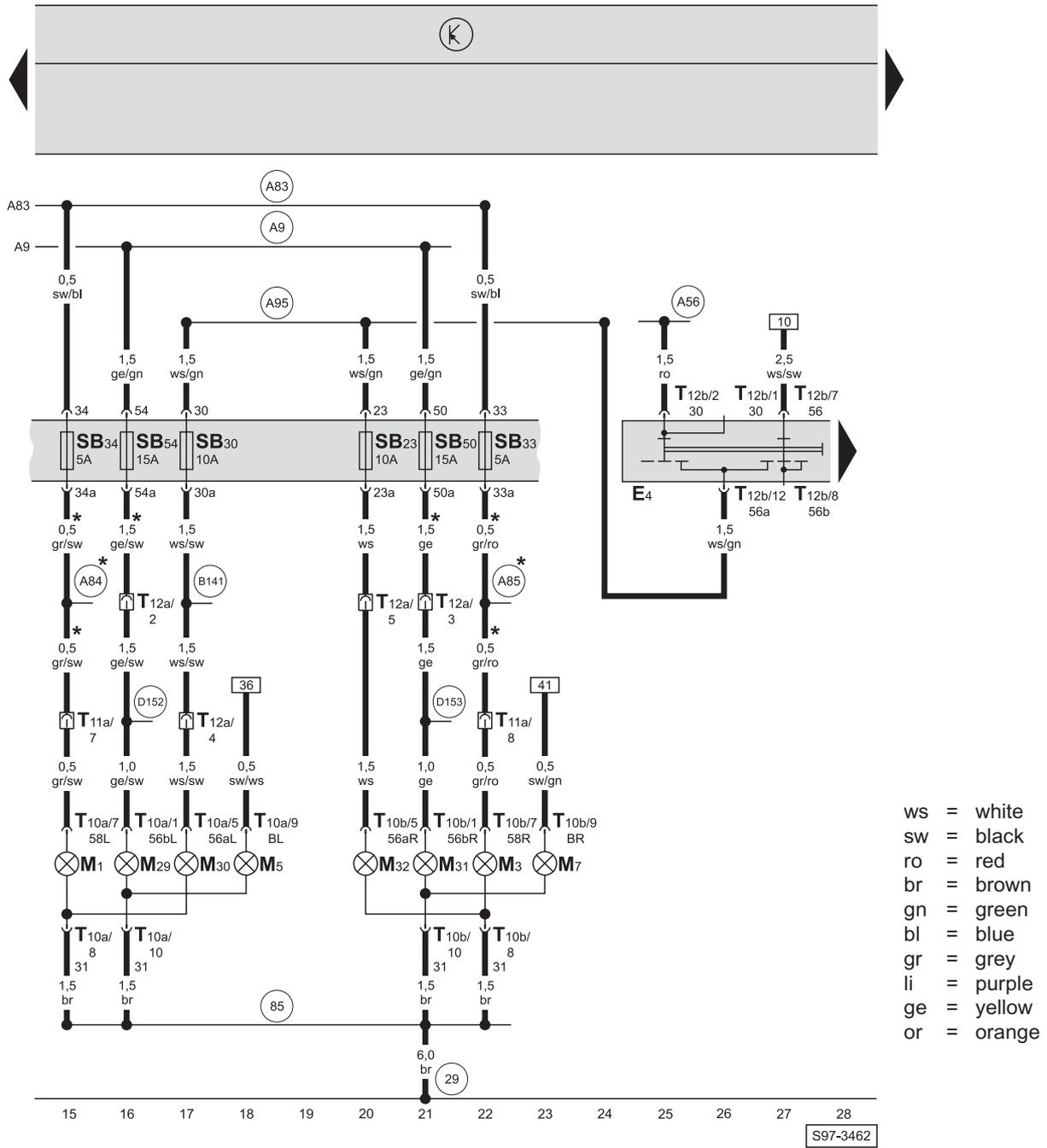


Headlight dipper/flasher switch, headlights, fuse holder

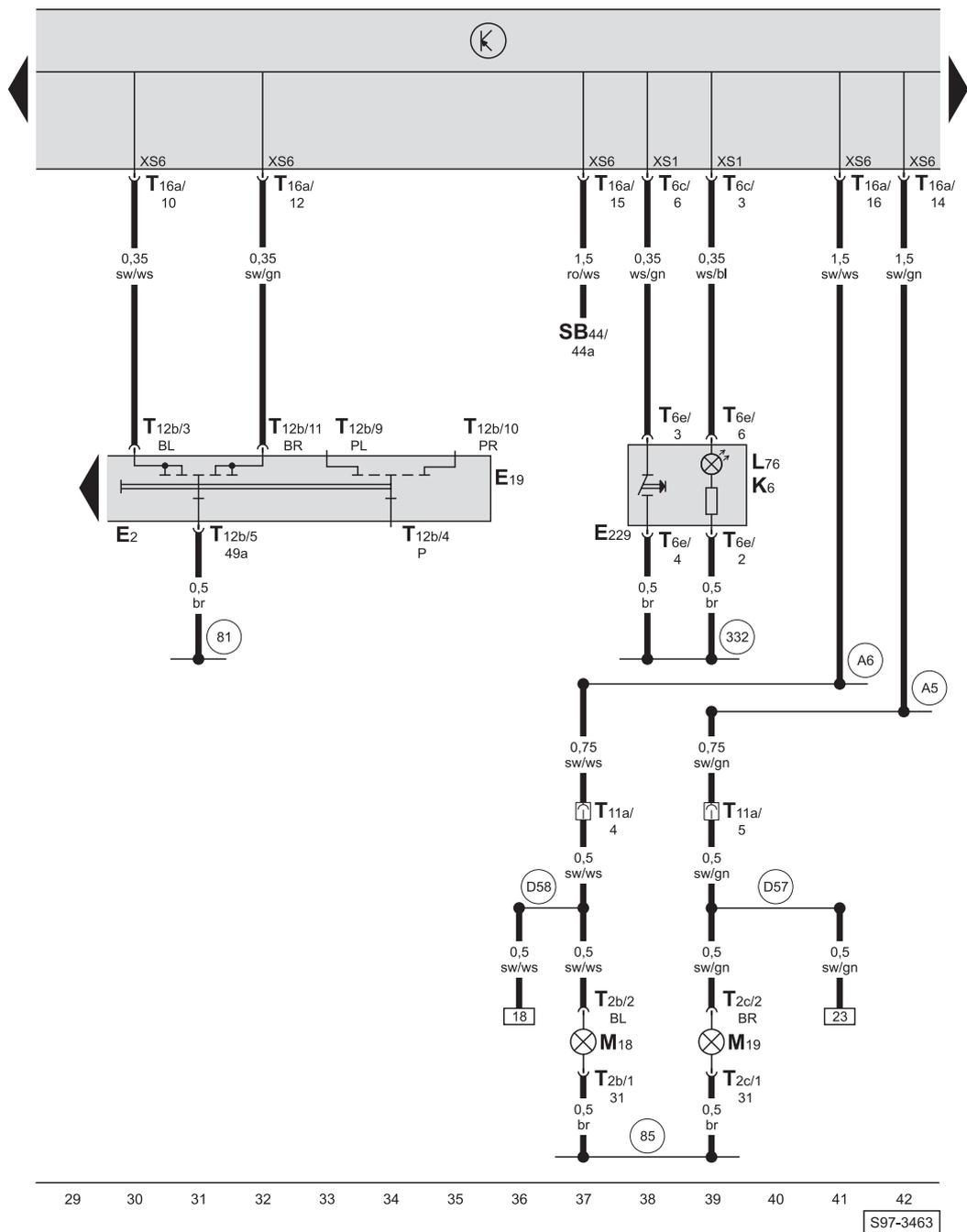


- E4 - Headlight dipper/flasher switch
- M1 - Side light bulb, left
- M3 - Side light bulb, right
- M5 - Turn signal bulb, front left
- M7 - Turn signal bulb, front right
- M29 - Headlight dipped beam bulb, left
- M30 - Headlight main beam bulb, left
- M31 - Headlight dipped beam bulb, right
- M32 - 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
- A56 - Positive connection (30a), in wiring loom behind dash panel
- A83 - Connection (58, daytime running lights), in wiring loom behind dash panel on left
- 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

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



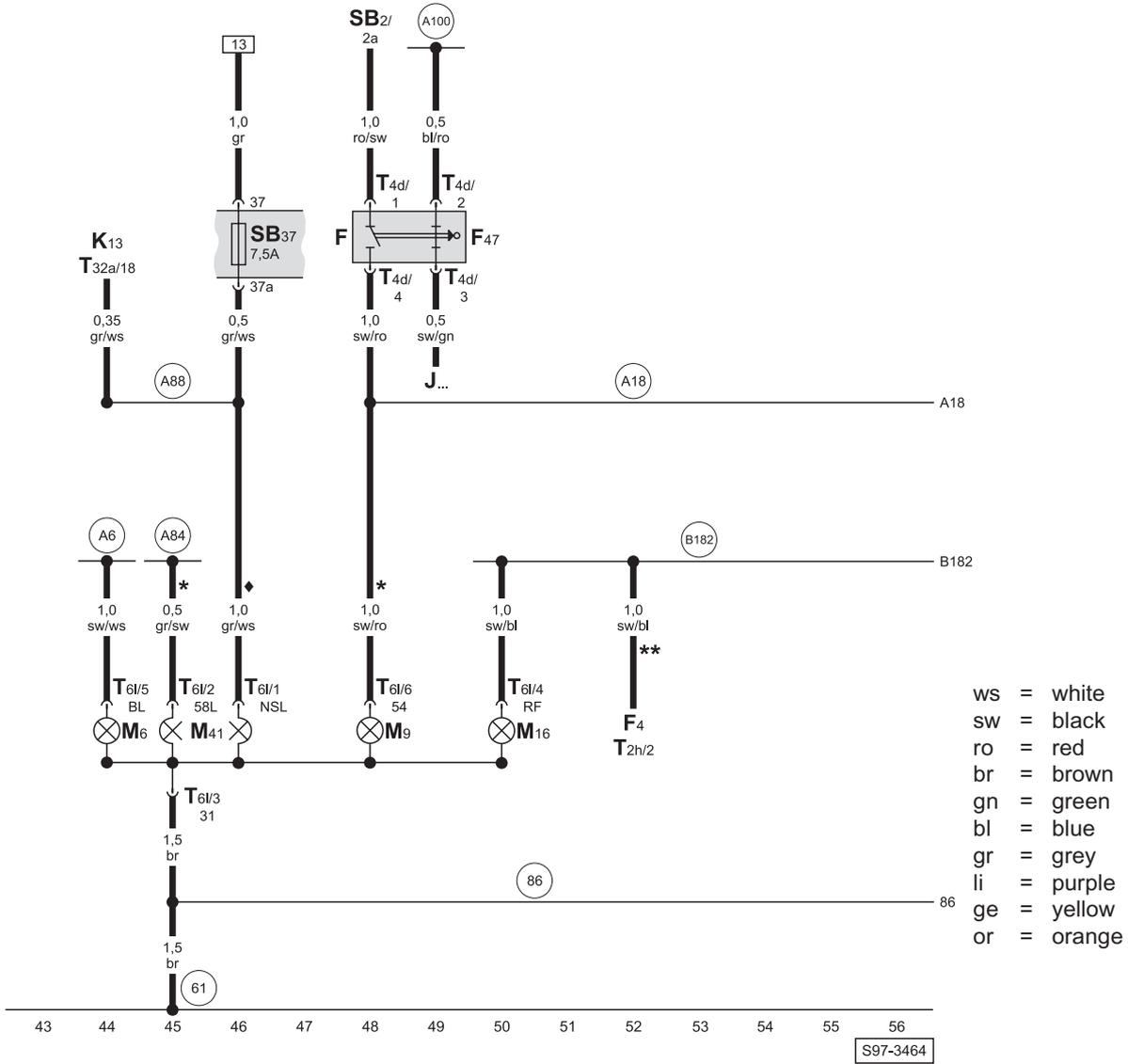
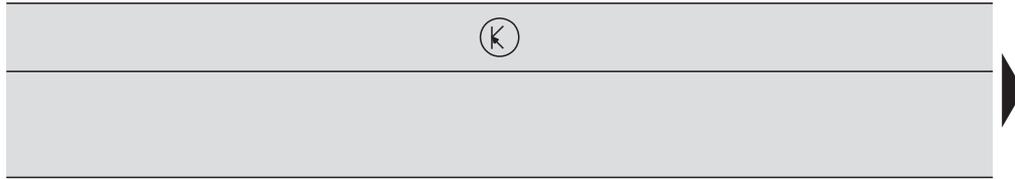
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange

- 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
- SB44 - Fuse, in fuse holder
- 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
- D57 - Connection (right turn signal light), in right engine compartment wiring loom
- D58 - Connection (left turn signal light), in left engine compartment wiring loom

S97-3463

Brake light switch, left tail light, fuse holder

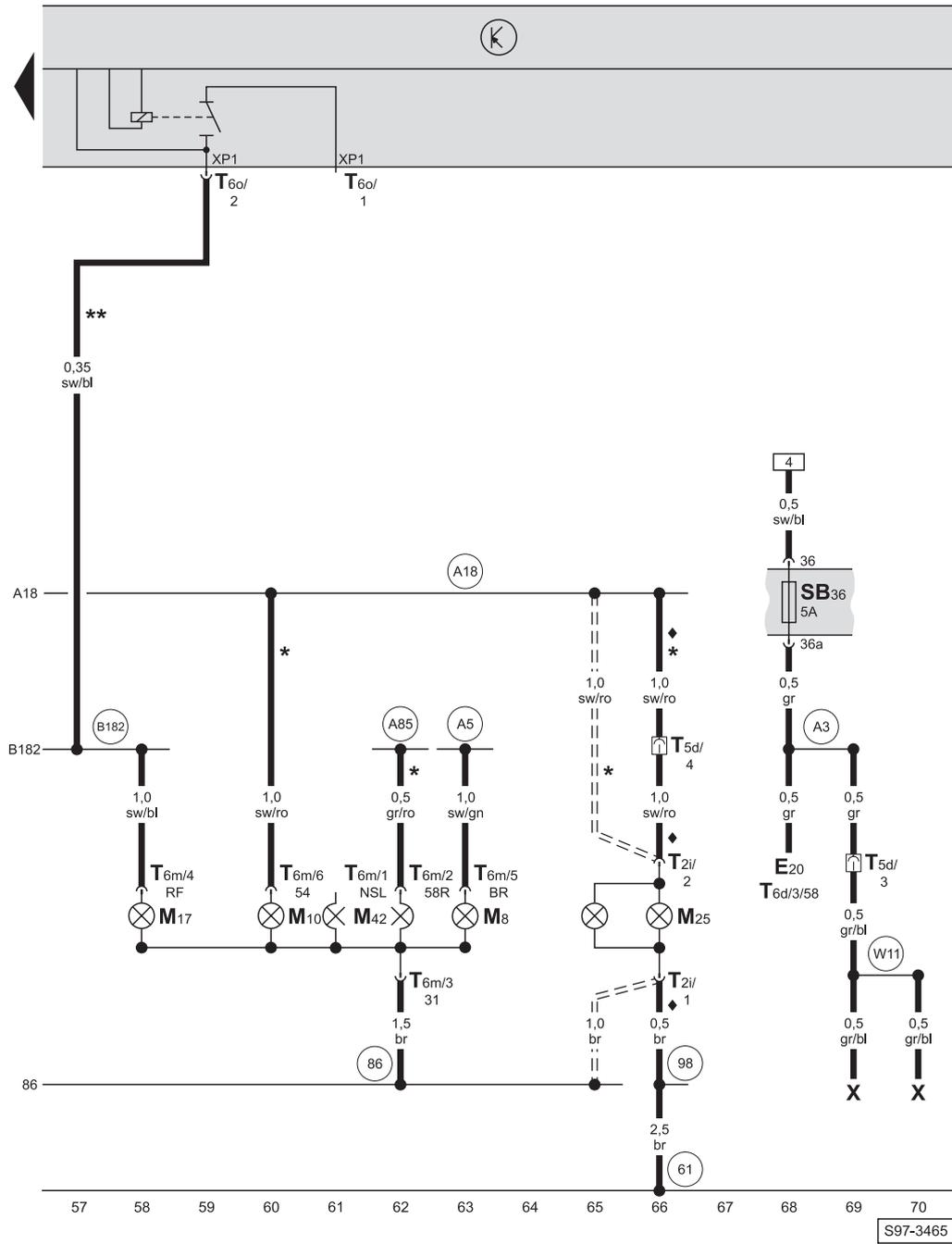


- F - Brake light switch
- F4 - Reversing light switch
- F47 - Brake pedal switch
- J... - Engine control units
- K13 - Rear fog light warning lamp
- M6 - Turn signal bulb, rear left
- M9 - Brake light bulb, left
- M16 - Reversing light bulb left
- M41 - Left tail light and rear fog light bulb
- T2h - 2-pin connector, at reversing light switch
- T4d - 4-pin connector, at brake pedal switch
- T6l - 6-pin connector, at left tail light
- T32a - 32-pin connector, at dash panel insert

- (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

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



- 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
- 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
- T5d - 5-pin connector, at left C pillar (pink)
- T6d - 6-pin connector, at lighting control and headlight range control adjuster
- 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

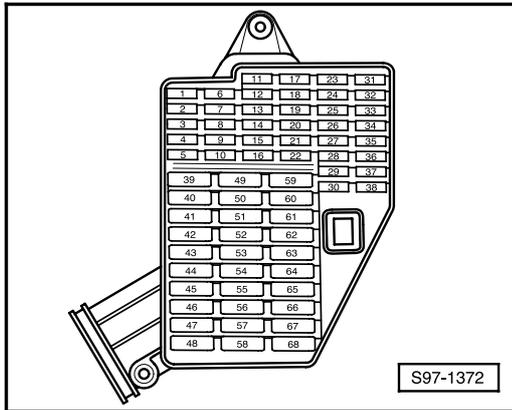
- (98) - Earth connection, in engine compartment wiring harness
- (A3) - Positive connection (58), in wiring loom behind dash panel
- (A5) - Positive connection (right turn signal light), in wiring loom behind dash panel
- (A18) - Connection (54), in wiring loom behind dash panel
- (A85) - Connection (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

S97-3465

## Day driving light - Gas discharge lamps, from August 2002

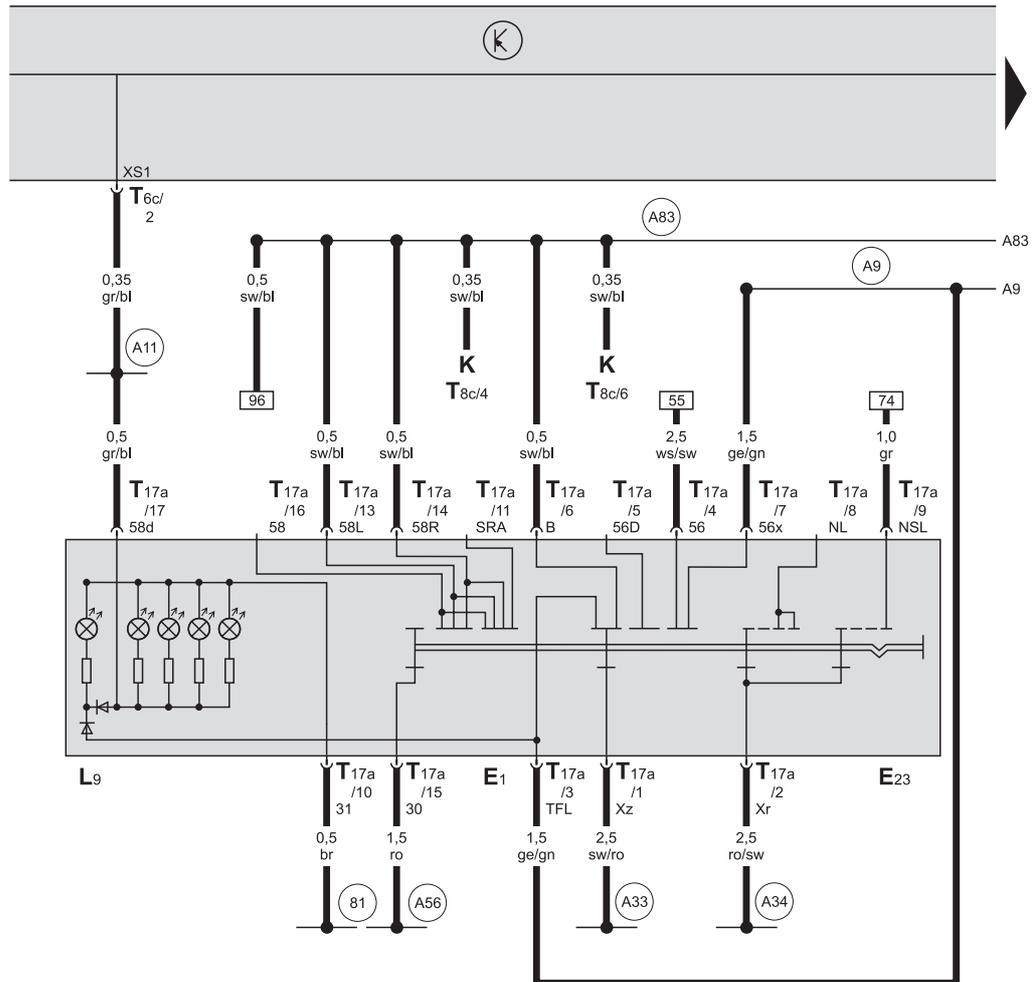
Fuse holder:



### Fuse colours

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

Light switch



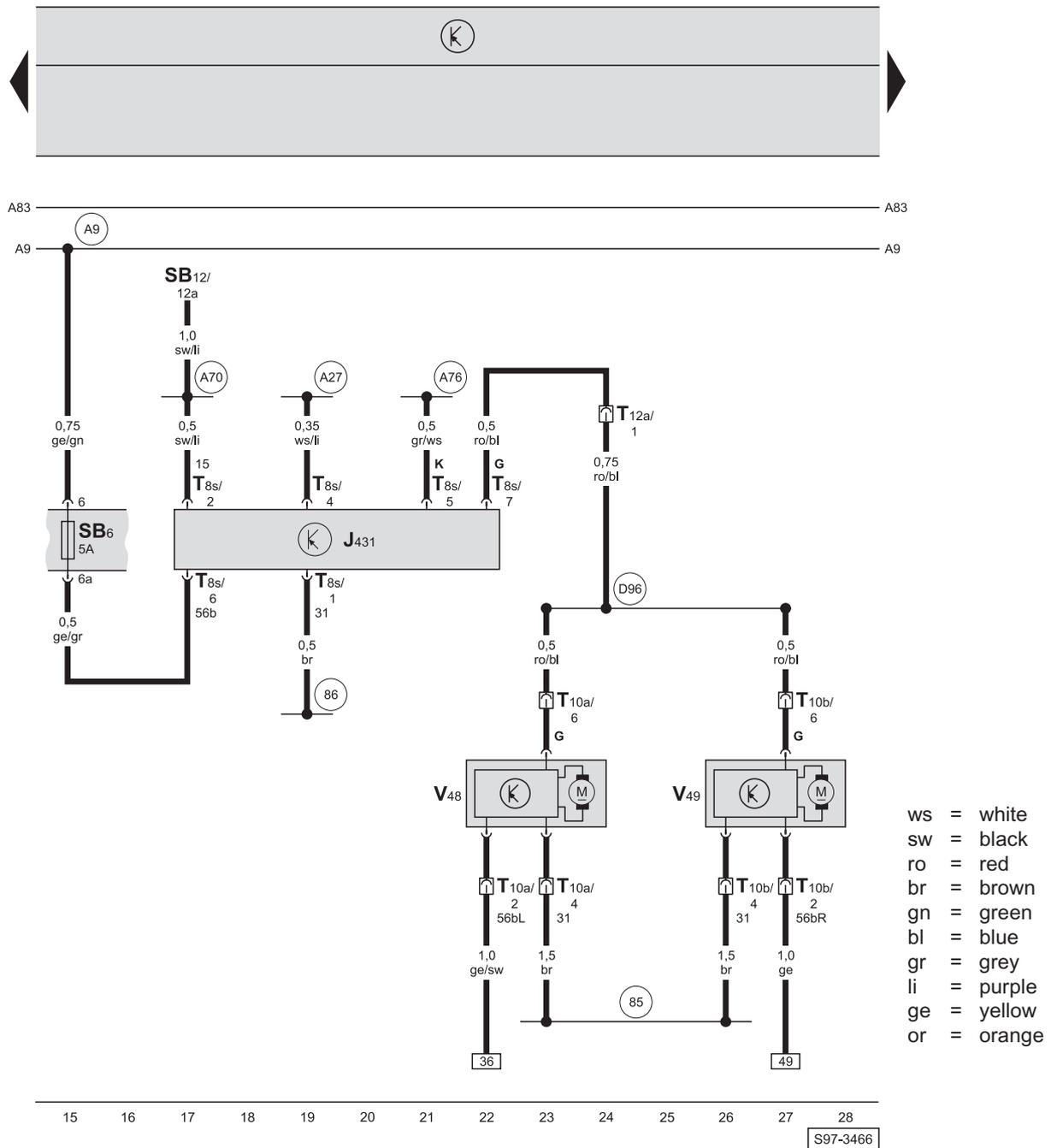
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange



- E1 - Light switch
- E23 - Front and rear fog light switch
- K - Dash panel insert
- L9 - Lighting switch illumination bulb
- T6c - 6-pin connector, at electrical system control unit (black)
- T8c - 8-pin connector, at dash panel insert
- T17a - 17-pin connector, at light switch

- 81 - Earth connection, in wiring harness behind dash panel
- A9 - Connection (56b), in wiring loom 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
- A56 - Positive connection (30a), in wiring loom behind dash panel
- A83 - Connection (58, daytime running lights), in wiring loom behind dash panel on left

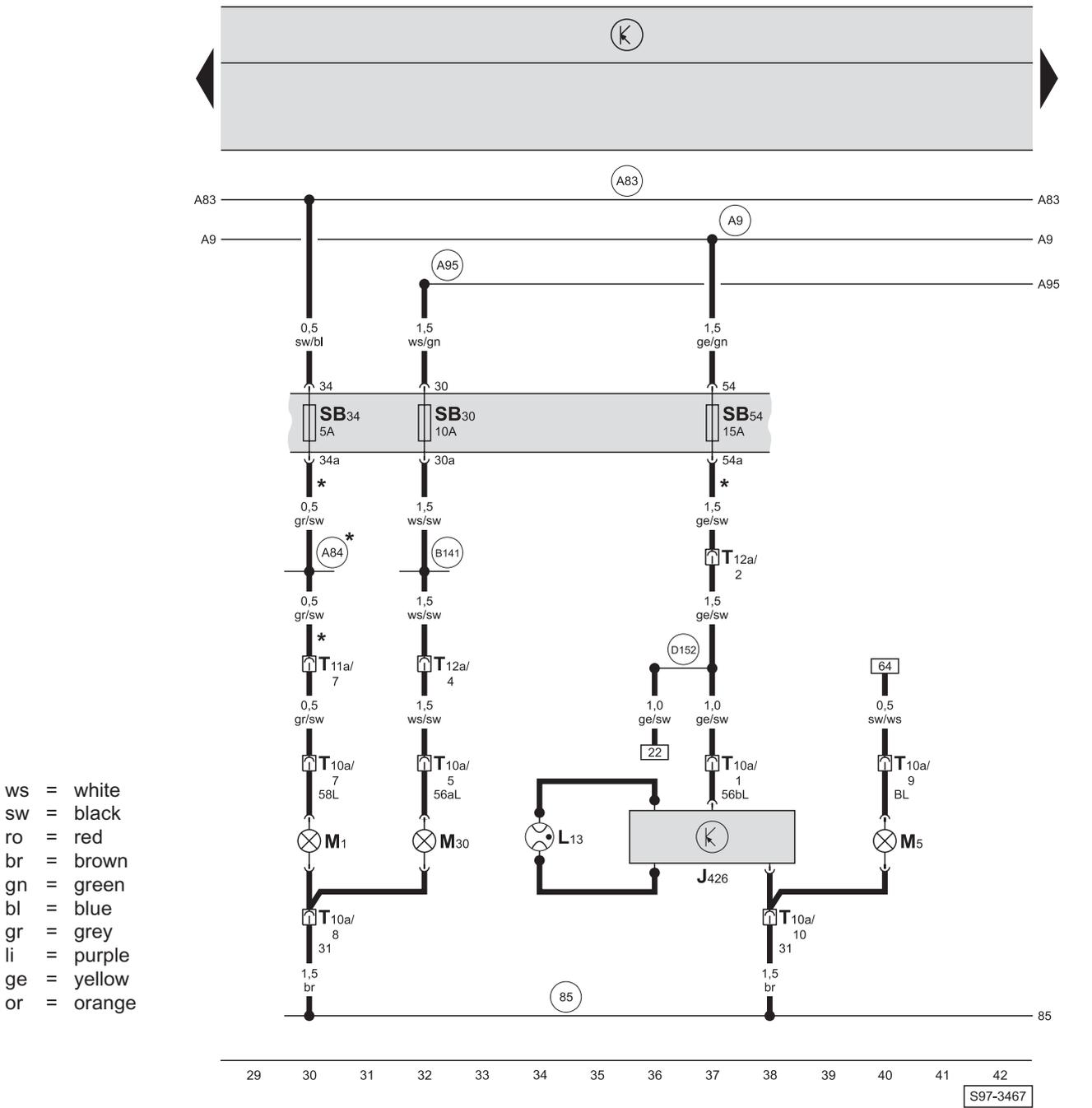
Headlight range adjustment control unit, headlight range adjustment, fuse holder



- J431 - Headlight beam adjustment control unit (at rear axle)
- SB12 - Fuse, in fuse holder
- T8s - Connector, 8-pin, at headlight range adjustment control unit
- 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

- 85 - Earth connection -1-, in wiring loom in left of engine compartment
- 86 - Earth connection -1-, in rear interior wiring loom
- A9 - Connection (56b), in wiring loom behind dash panel
- A27 - Connection (vehicle speed signal), in wiring loom behind dash panel
- A70 - Positive connection (15a), in wiring loom behind dash panel
- A76 - Connection (K diagnosis wire), in wiring loom behind dash panel on left
- D96 - Connection (headlight range control), in engine compartment wiring loom

Left gas discharge light, fuse holder

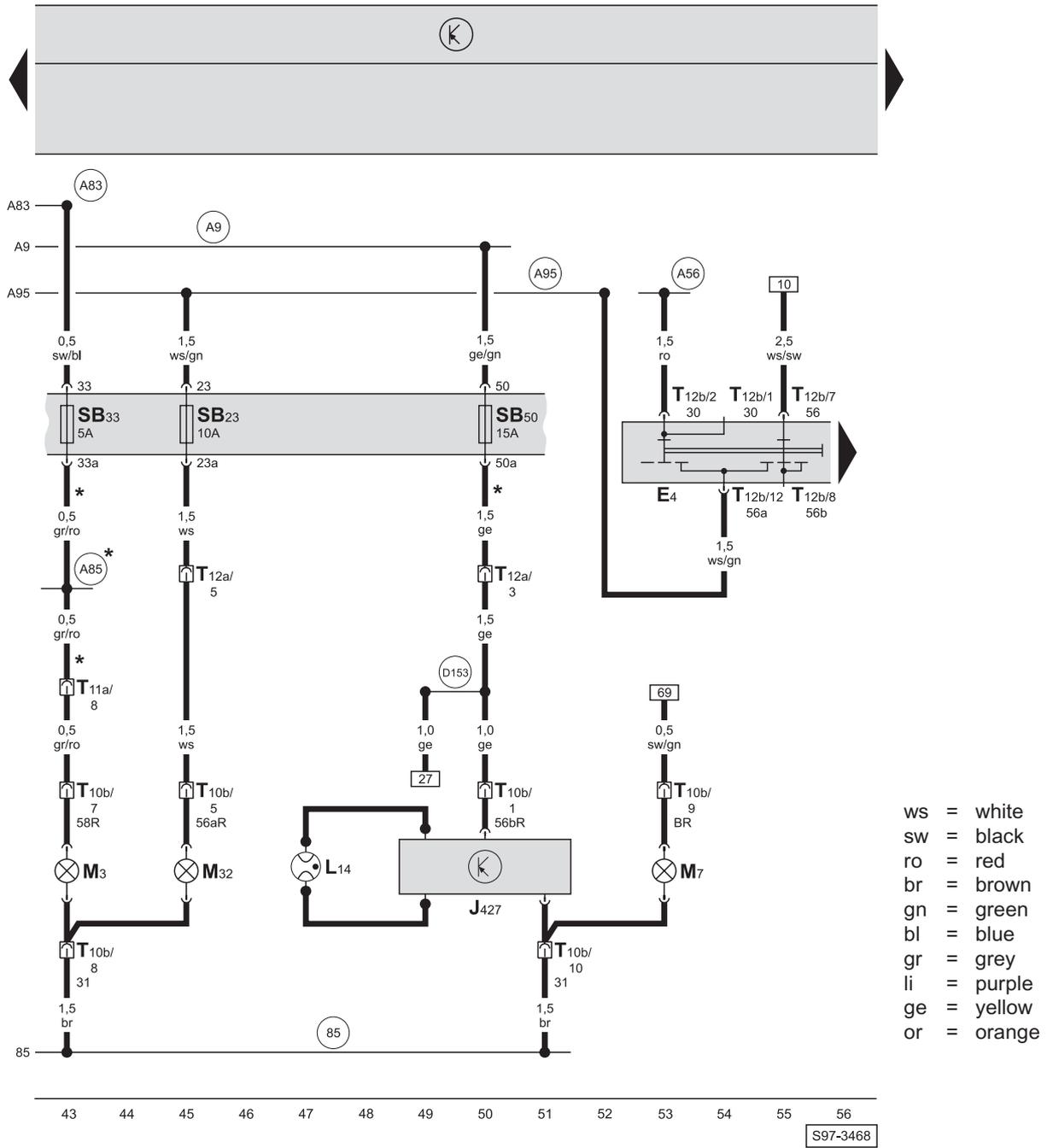


- J426 - Left headlight ballast unit (gas discharge)
- L13 - Left gas discharge light
- M1 - Side light bulb, left
- M5 - Turn signal bulb, front left
- M30 - Headlight main beam bulb, left
- T10a - 10-pin connector, at left headlight
- T11a - 11-pin connector, at left of bulkhead (white)
- T12a - 12-pin connector, at left of bulkhead (white)

- (85) - Earth connection -1-, in wiring loom in left of engine compartment
- (A9) - Connection (56b), in wiring loom behind dash panel
- (A83) - Connection (58, daytime running lights), in wiring loom behind dash panel on left
- (A84) - Connection (58L), 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

\* - Does not apply to models with bulb failure indicator

Right gas discharge bulb, dimming and headlight flasher switch, fuse holder

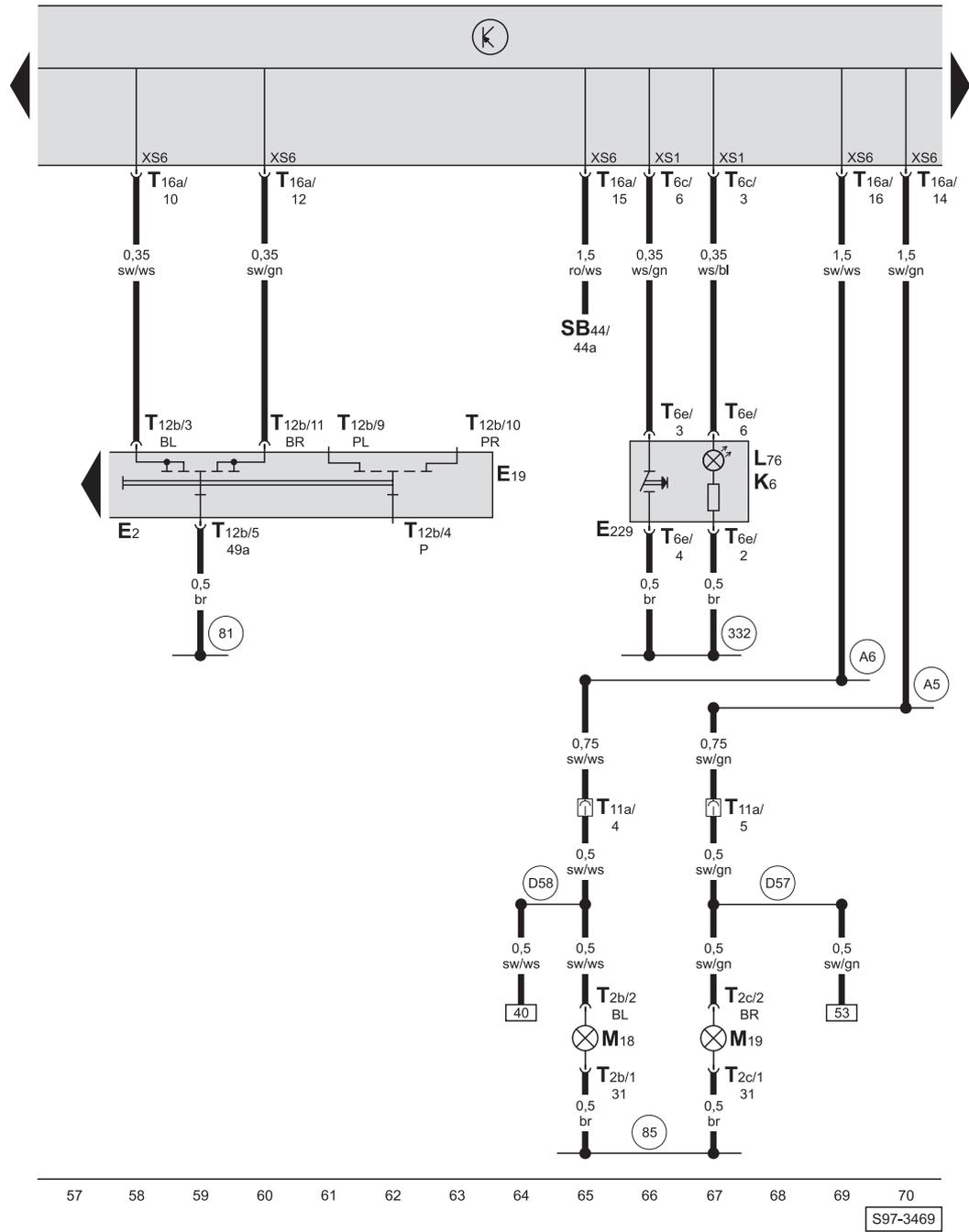


- E4 - Headlight dipper/flasher switch
- J427 - Right headlight ballast unit (gas discharge)
- L14 - Right gas discharge light
- M3 - Side light bulb, right
- M7 - Turn signal bulb, front right
- M32 - Headlight main beam bulb, right
- T10b - 10-pin connector, at right headlight
- T11a - 11-pin connector, at left of bulkhead (white)
- T12a - 12-pin connector, at left of bulkhead (white)
- T12b - 12-pin connector, at headlight dipper/flasher switch

- 85 - Earth connection -1-, in wiring loom in left of engine compartment
- A9 - Connection (56b), in wiring loom behind dash panel
- A56 - Positive connection (30a), in wiring loom behind dash panel
- A83 - Connection (58, daytime running lights), in wiring loom behind dash panel on left
- A85 - Connection (58R), in wiring loom behind dash panel
- A95 - Connection (56a), in wiring loom behind dash panel
- D153 - Positive connection (56bR), in right engine compartment wiring loom

\* - Does not apply to models with bulb failure indicator

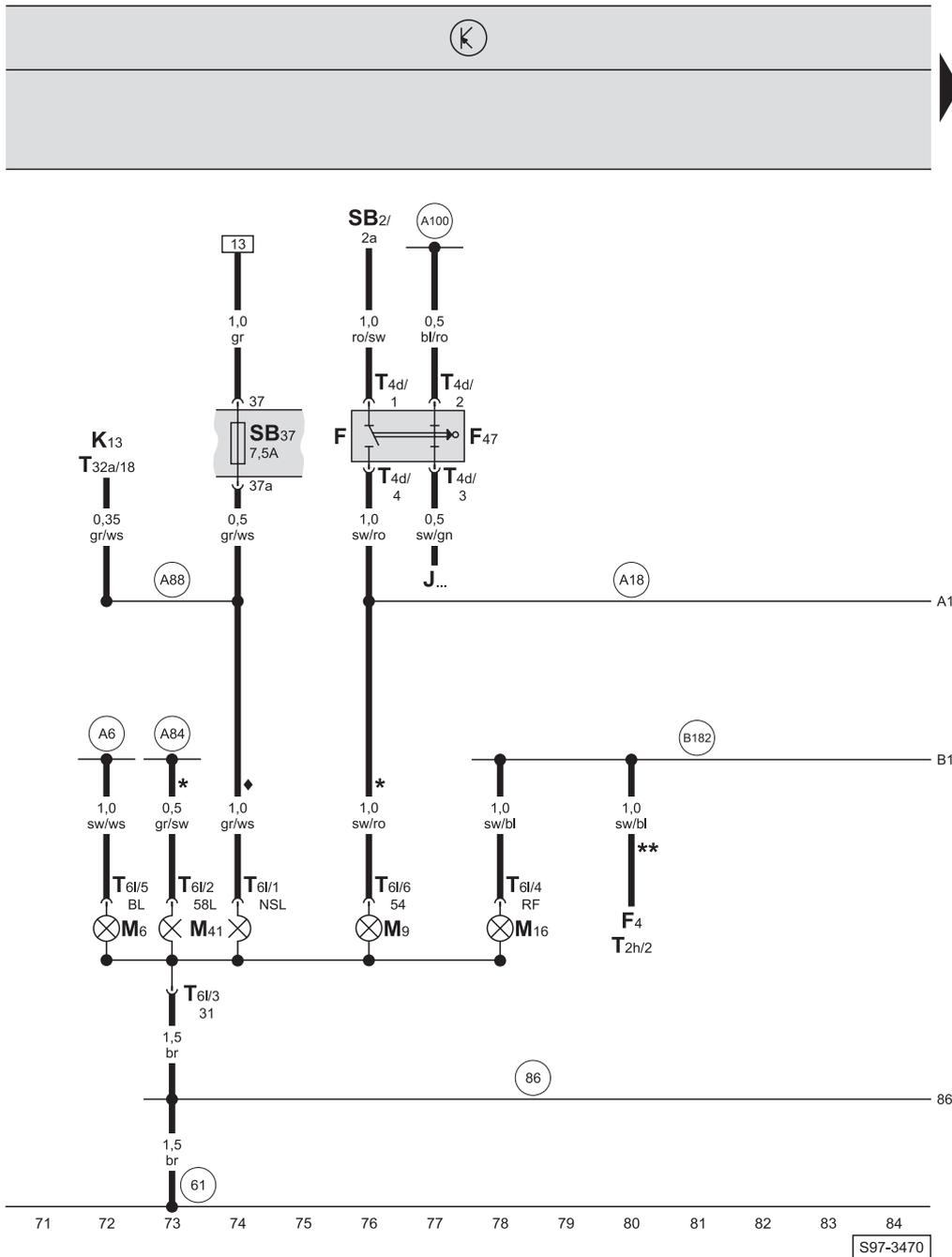
Turn signal light switch, parking light switch, hazard warning light pushbutton, side turn signal light



- 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
- SB44 - Fuse, in fuse holder
- 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
- D57 - Connection (right turn signal light), in right engine compartment wiring loom
- D58 - Connection (left turn signal light), in left engine compartment wiring loom

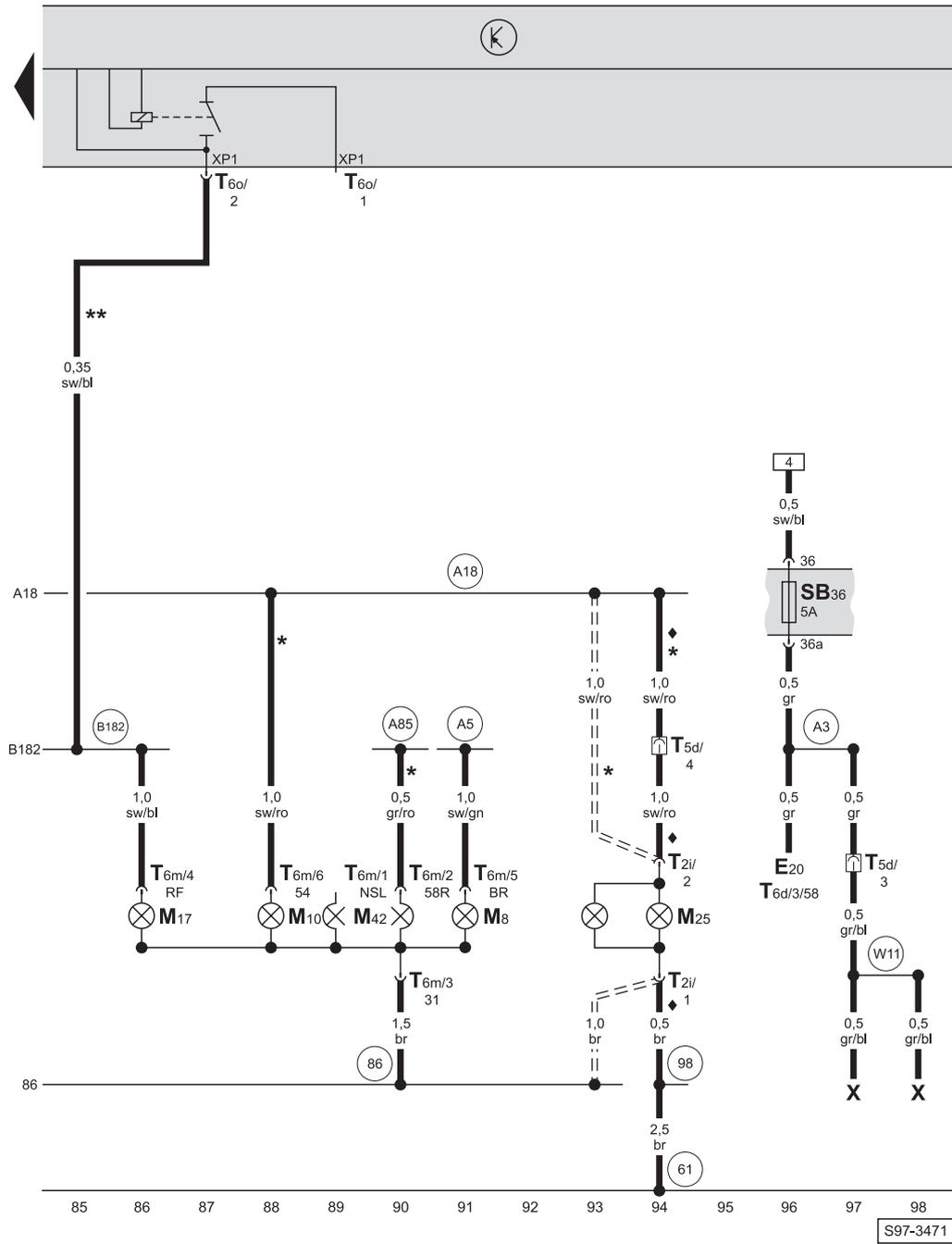
Brake light switch, left tail light, fuse holder



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

- F - Brake light switch
- F4 - Reversing light switch
- F47 - Brake pedal switch
- J... - Engine control units
- K13 - Rear fog light warning lamp
- 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
- T2h - 2-pin connector, at reversing light switch
- T4d - 4-pin connector, at brake pedal switch
- T6l - 6-pin connector, at left tail light
- T32a - 32-pin connector, at dash panel insert
- 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

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



- 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
- 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
- T5d - 5-pin connector, at left C pillar (pink)
- T6d - Connector, 6-pin, at switch lighting rheostat
- 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

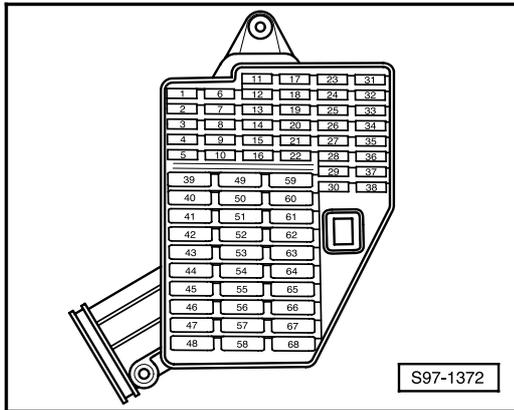
- (98) - Earth connection, in engine compartment wiring harness
- (A3) - Positive connection (58), in wiring loom behind dash panel
- (A5) - Positive connection (right turn signal light), in wiring loom behind dash panel
- (A18) - Connection (54), in wiring loom behind dash panel
- (A85) - Connection (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

S97-3471

## Fog lights, from August 2002

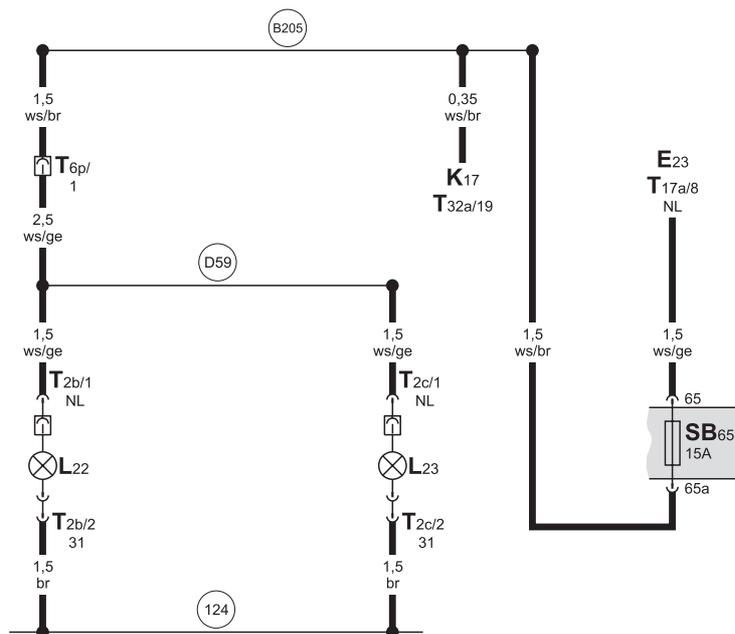
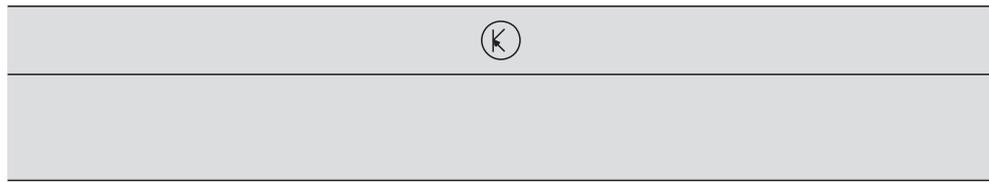
Fuse holder:



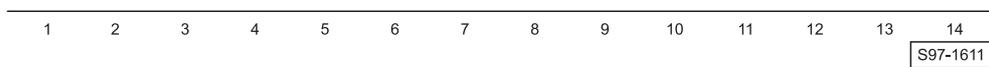
### Fuse colours

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

Fog lights



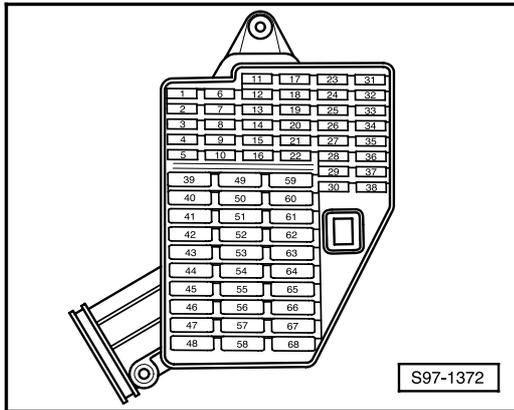
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange



- E23 - Front and rear fog light switch
- K17 - Fog light warning lamp
- L22 - Front left fog light bulb
- L23 - Front right fog light bulb
- T2b - 2-pin connector, at left fog light
- T2c - 2-pin connector, at right fog light
- T6p - 6-pin connector, at left of bulkhead (red)
- T17a - 17-pin connector, at light switch
- T32a - 32-pin connector, at dash panel insert
- 124 - Earth connection, in engine compartment wiring harness
- B205 - Connection (fog lights), in wiring loom behind dash panel
- D59 - Connection (fog lights), in engine compartment wiring loom

## Bulb failure indicator, from August 2002

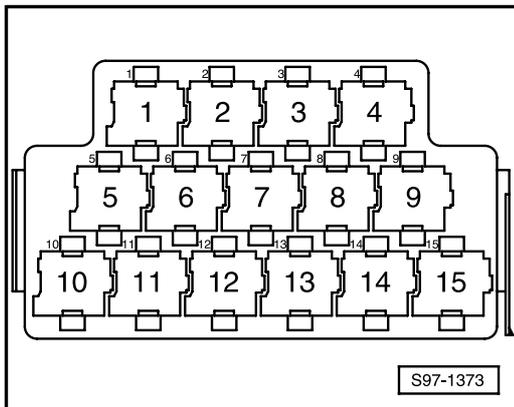
### Fuse holder:



### Fuse colours

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

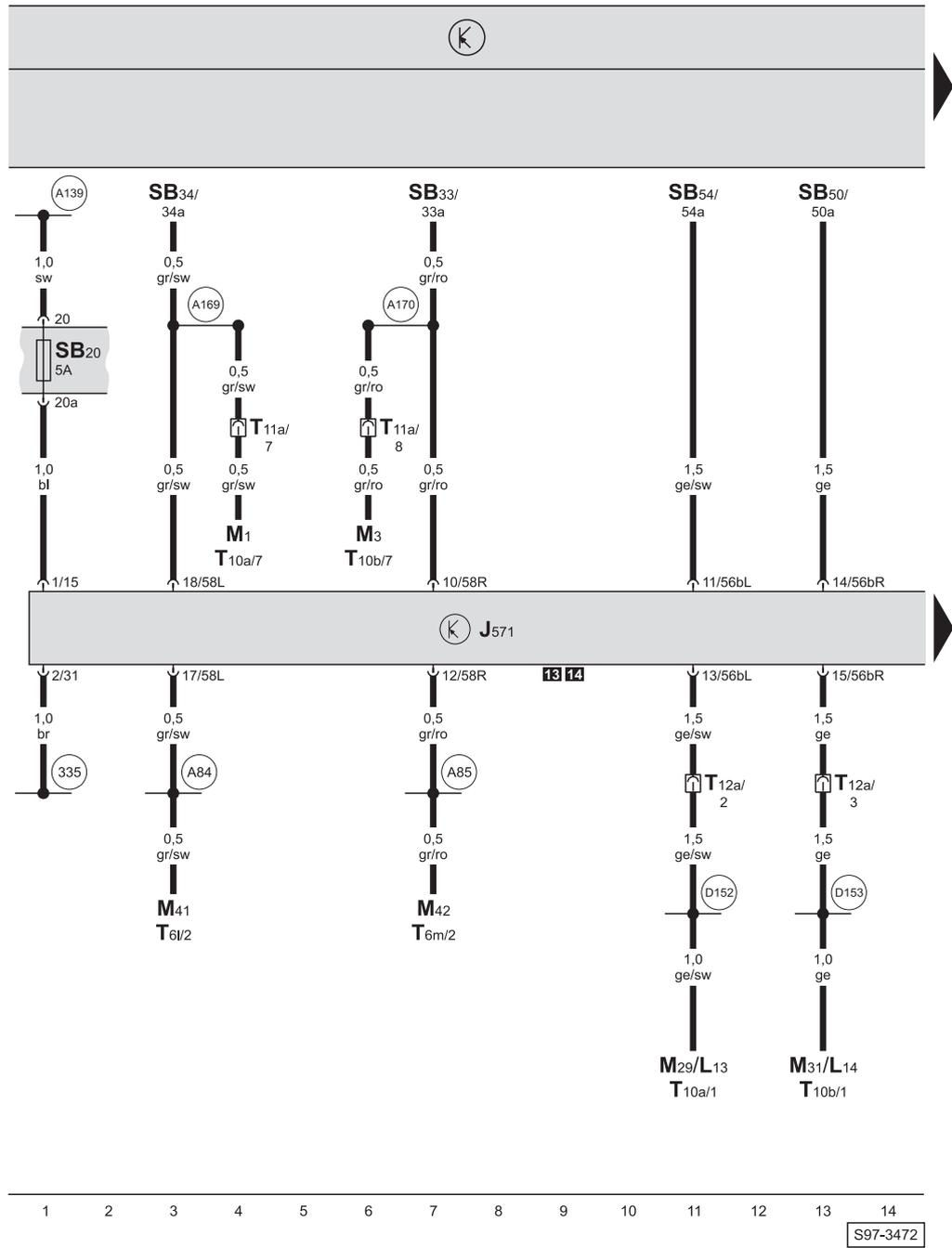
### Relay holder:



### Relay position assignment

- 13** - Bulb failure control unit
- 14** - Bulb failure control unit

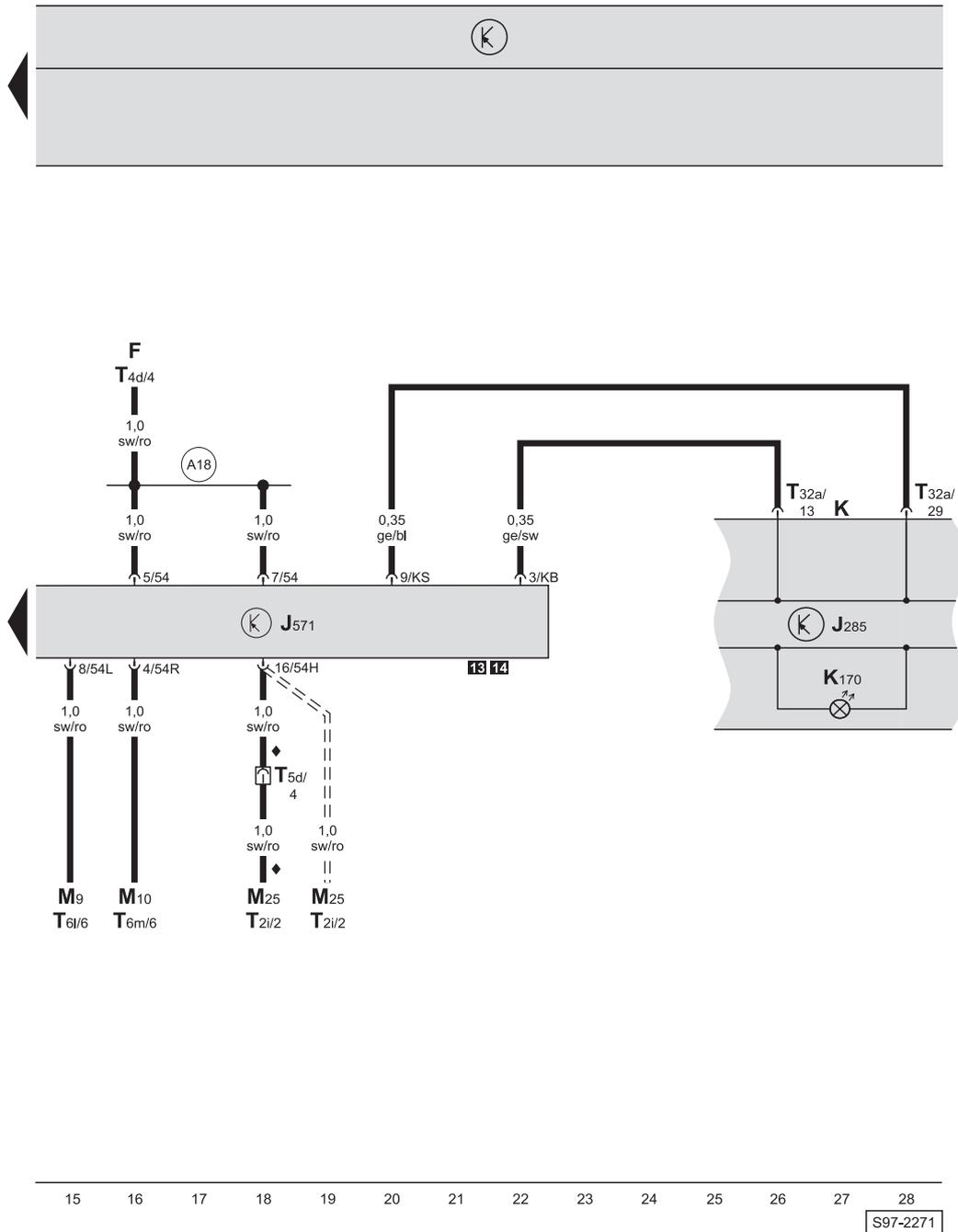
Bulb failure indicator



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

- J571 - Bulb failure control unit
- L13 - Left gas discharge light
- L14 - Right gas discharge light
- M1 - Side light bulb, left
- M3 - Side light bulb, right
- M29 - Headlight dipped beam bulb, left
- M31 - Headlight dipped beam bulb, right
- M41 - Left tail light and rear fog light bulb
- M42 - Right tail light and rear fog light bulb
- T6l - 6-pin connector, at left tail light
- T6m - 6-pin connector, at right tail light
- 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)
- SB33 - Fuse, in fuse holder
- SB34 - Fuse, in fuse holder
- SB50 - Fuse, in fuse holder
- SB54 - Fuse, in fuse holder
- 335 - Earth connection, in wiring harness behind dash panel
- A84 - Connection (58L), in wiring loom behind dash panel
- A85 - Connection (58R), in wiring loom behind dash panel
- A139 - Positive connection (15), in wiring loom behind dash panel
- A169 - Connection -2- (58L), in wiring loom behind dash panel
- A170 - Connection -2- (58R), 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

Bulb failure indicator



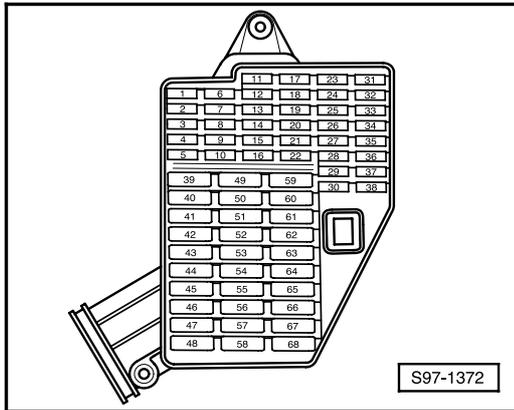
- F - Brake light switch
- J285 - Control unit in dash panel insert
- J571 - Bulb failure control unit
- K - Dash panel insert
- K170 - Light failure indicator light
- M9 - Brake light bulb, left
- M10 - Brake light bulb, right
- M25 - Centre high-mounted brake light bulb
- T2i - 2-pin connector, at centre high-mounted brake light
- T4d - 4-pin connector, at brake pedal switch
- T5d - 5-pin connector, at left C pillar (pink)
- T6l - 6-pin connector, at left tail light
- T6m - 6-pin connector, at right tail light
- T32a - 32-pin connector, at dash panel insert

- (A18) - Connection (54), in wiring loom behind dash panel
- ◆ - does not apply to Saloon models
- === - applies only to Saloon models



## Electric sliding roof, from August 2002

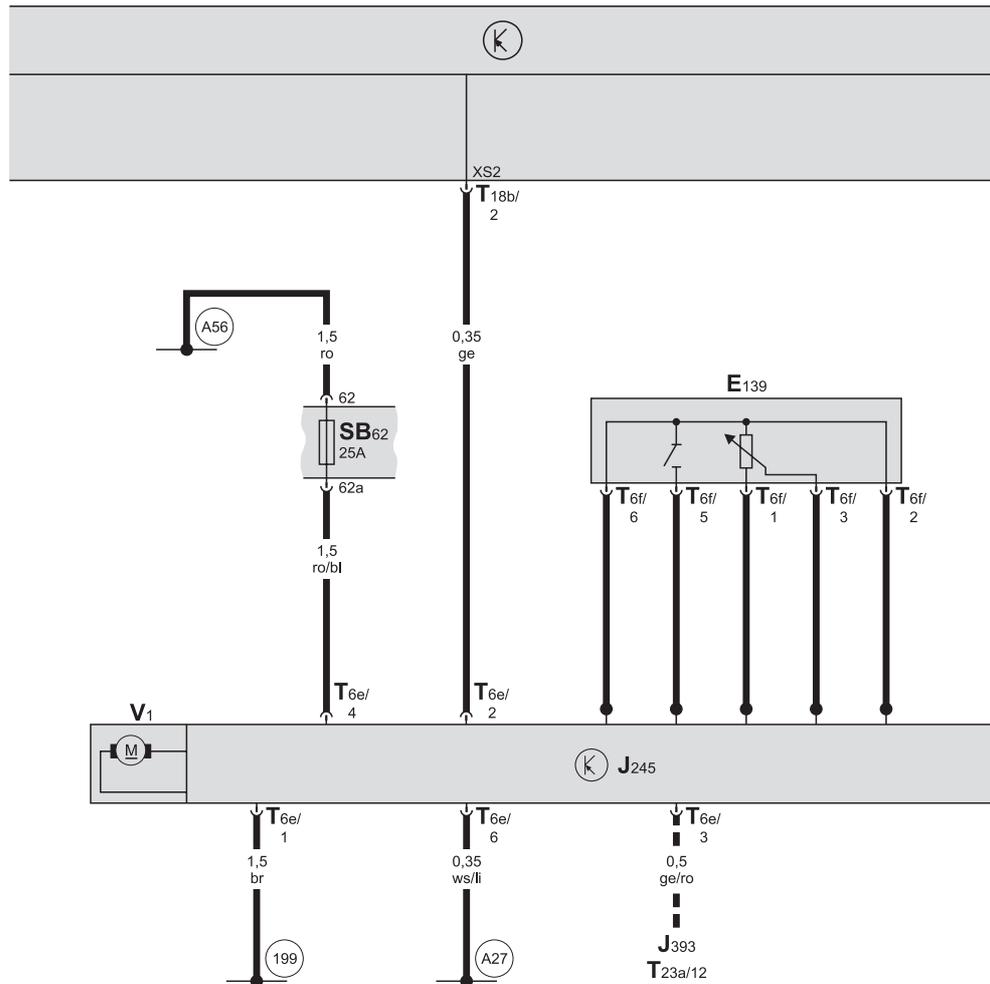
Fuse holder:



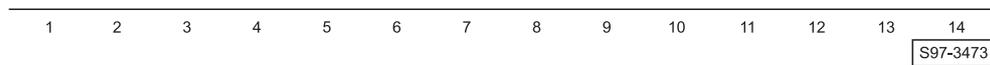
### Fuse colours

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

Electric sliding roof



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



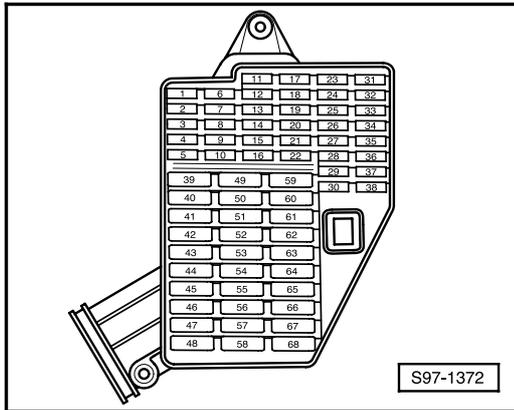
- E139 - Sliding roof adjustment controller
- J245 - Sliding roof adjustment control unit
- J393 - Convenience electrics central control unit
- T6e - 6-pin connector, at sliding roof adjustment control unit
- T6f - 6-pin connector, at sliding roof adjustment controller
- T18b - 18-pin connector, at electrical system control unit (black)
- T23a - 23-pin connector, at convenience electrics central control unit
- V1 - Sliding roof motor

- (199) - Earth connection, in wiring harness behind dash panel
- (A27) - Connection (vehicle speed signal), in wiring loom behind dash panel
- (A56) - Positive connection (30a), in wiring loom behind dash panel

■■■ - Applies only to models with central locking

## Seat heaters, from August 2002

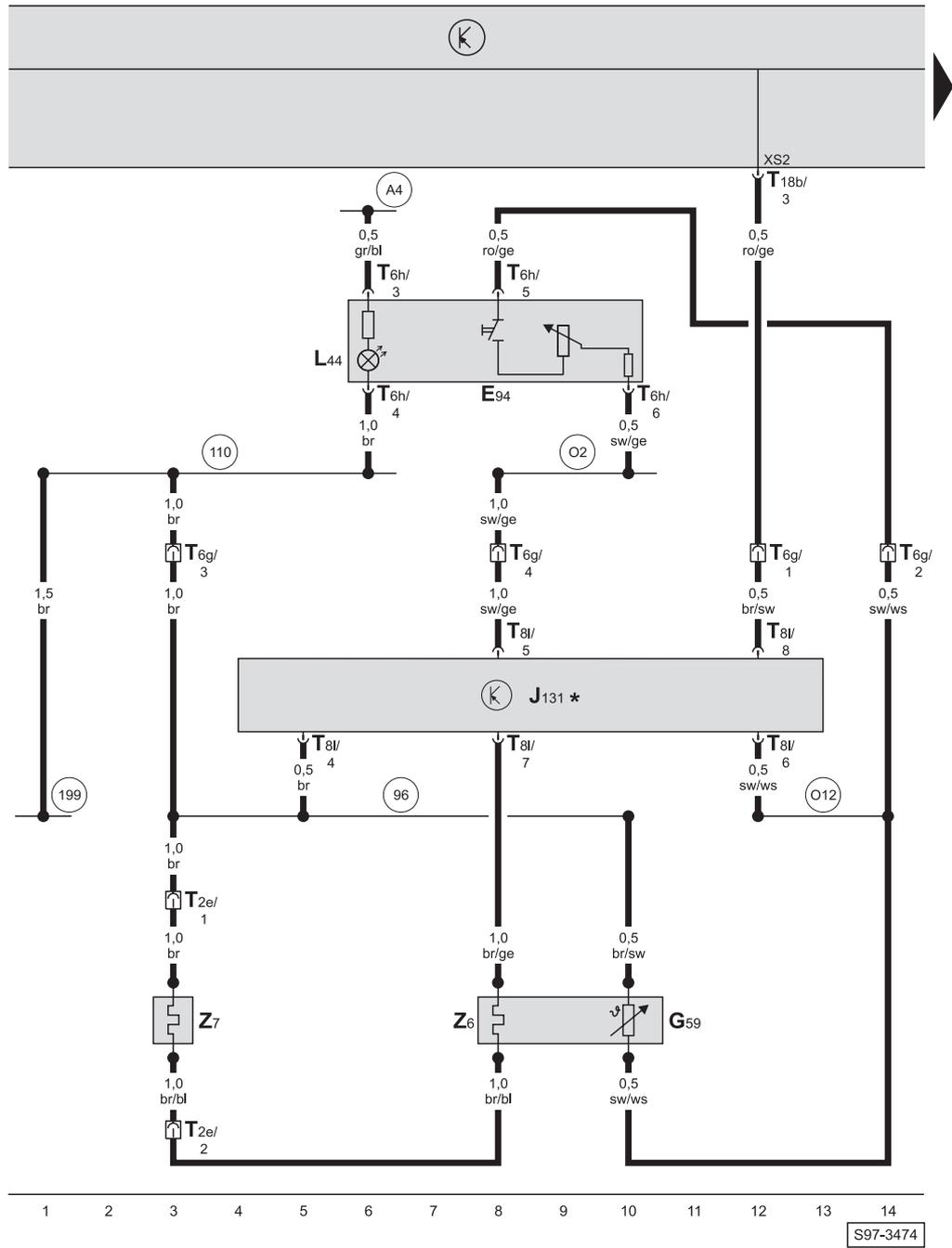
Fuse holder:



**Fuse colours**

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

Driver heated seat



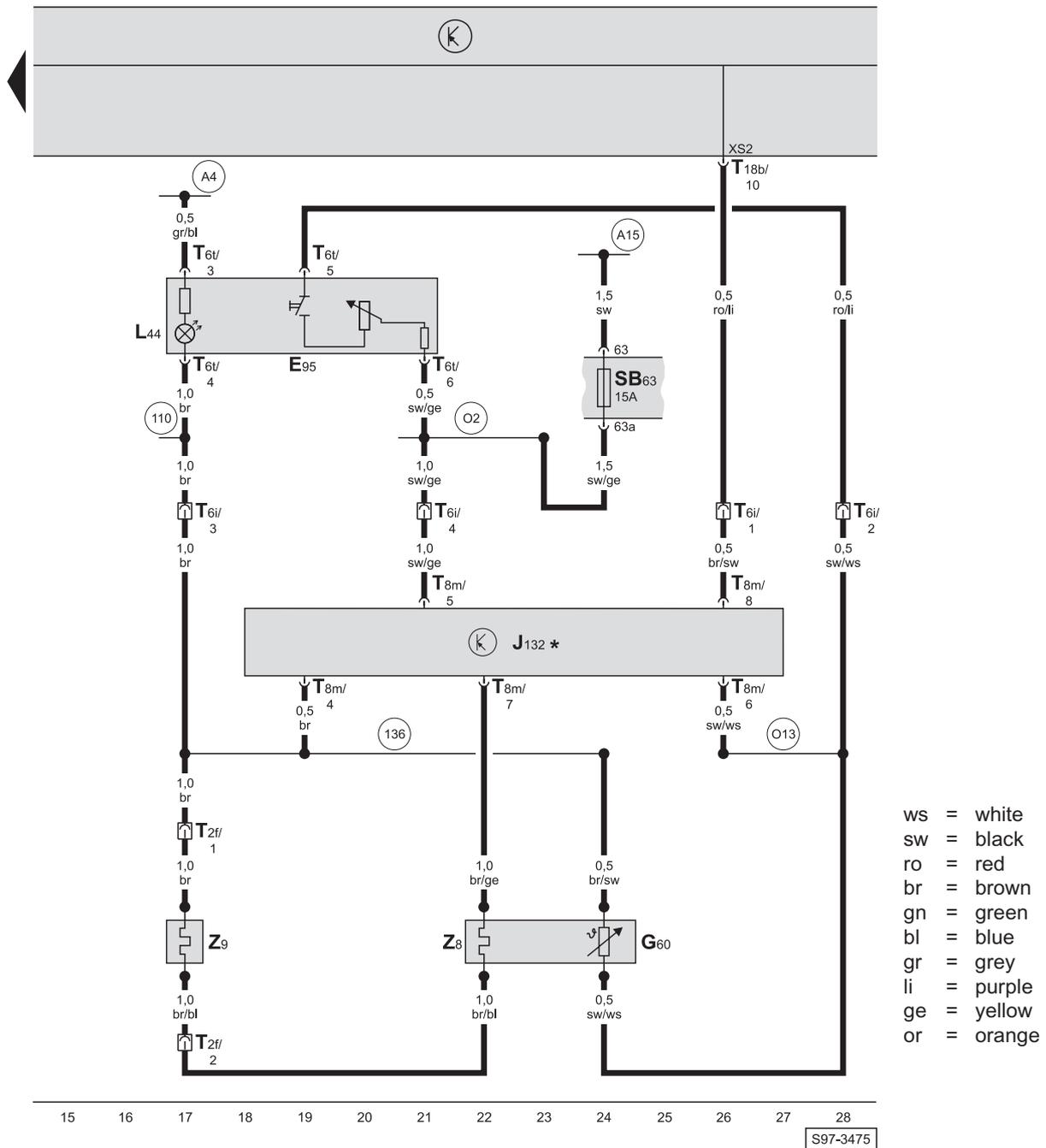
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange

- E94 - Heated driver's seat switch with regulator
- G59 - Temperature sensor - driver's seat
- J131 - Heated driver's seat control unit
- L44 - Bulb for illuminating seat heater regulator
- T2e - 2-pin connector, below driver seat
- T6g - 6-pin connector, below driver seat (green)
- T6h - 6-pin connector, at seat heater adjuster
- T8l - 8-pin connector, at heated driver seat control unit
- T18b - 18-pin connector, at electrical system control unit (black)
- Z6 - Heated driver's seat cushion
- Z7 - Heated driver's seat backrest

- 96 - Earth connection, in seat heater wiring loom driver side
- 110 - Earth connection, in wiring harness behind dash panel
- 199 - Earth connection, in wiring harness behind dash panel
- A4 - Positive connection (58b), in wiring loom behind dash panel
- O2 - Positive connection (15a, seat heater), in wiring loom behind dash panel
- O12 - Connection -1-, in seat heater wiring loom driver side
- \* - Below driver seat

S97-3474

Seat heater front passenger side, fuse holder



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

- E95 - Heated front passenger's seat switch with regulator
- G60 - Temperature sensor - front passenger's seat
- J132 - Heated passenger's seat control unit
- L44 - Bulb for illuminating seat heater regulator
- T2f - 2-pin connector, below passenger seat
- T6i - 6-pin connector, below passenger seat (green)
- T6t - 6-pin connector, at seat heater adjuster
- T8m - 8-pin connector, at heated front passenger seat control unit
- T18b - 18-pin connector, at electrical system control unit (black)
- Z8 - Heated front passenger's seat cushion
- Z9 - Heated front passenger's seat backrest

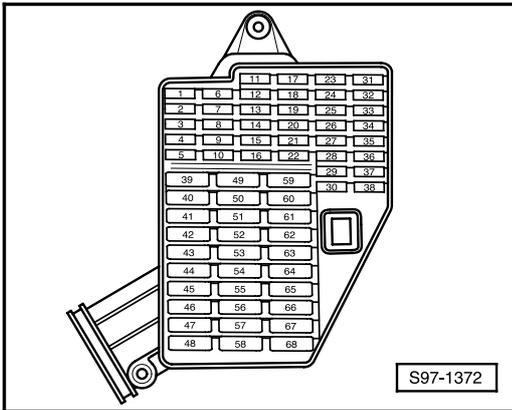
- 110 - Earth connection, in wiring harness behind dash panel
- 136 - Earth connection, in seat heater wiring loom front passenger side
- A4 - Positive connection (58b), in wiring loom behind dash panel
- A15 - Positive connection (15), in wiring loom behind dash panel
- O2 - Positive connection (15a, seat heater), in wiring loom behind dash panel
- O13 - Connection -2-, in seat heater wiring loom front passenger side

\* - Below front passenger seat



## Air conditioning, from August 2002

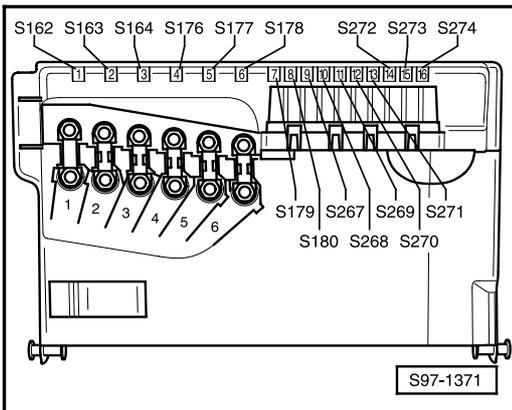
**Fuse holder:**



**Fuse colours**

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

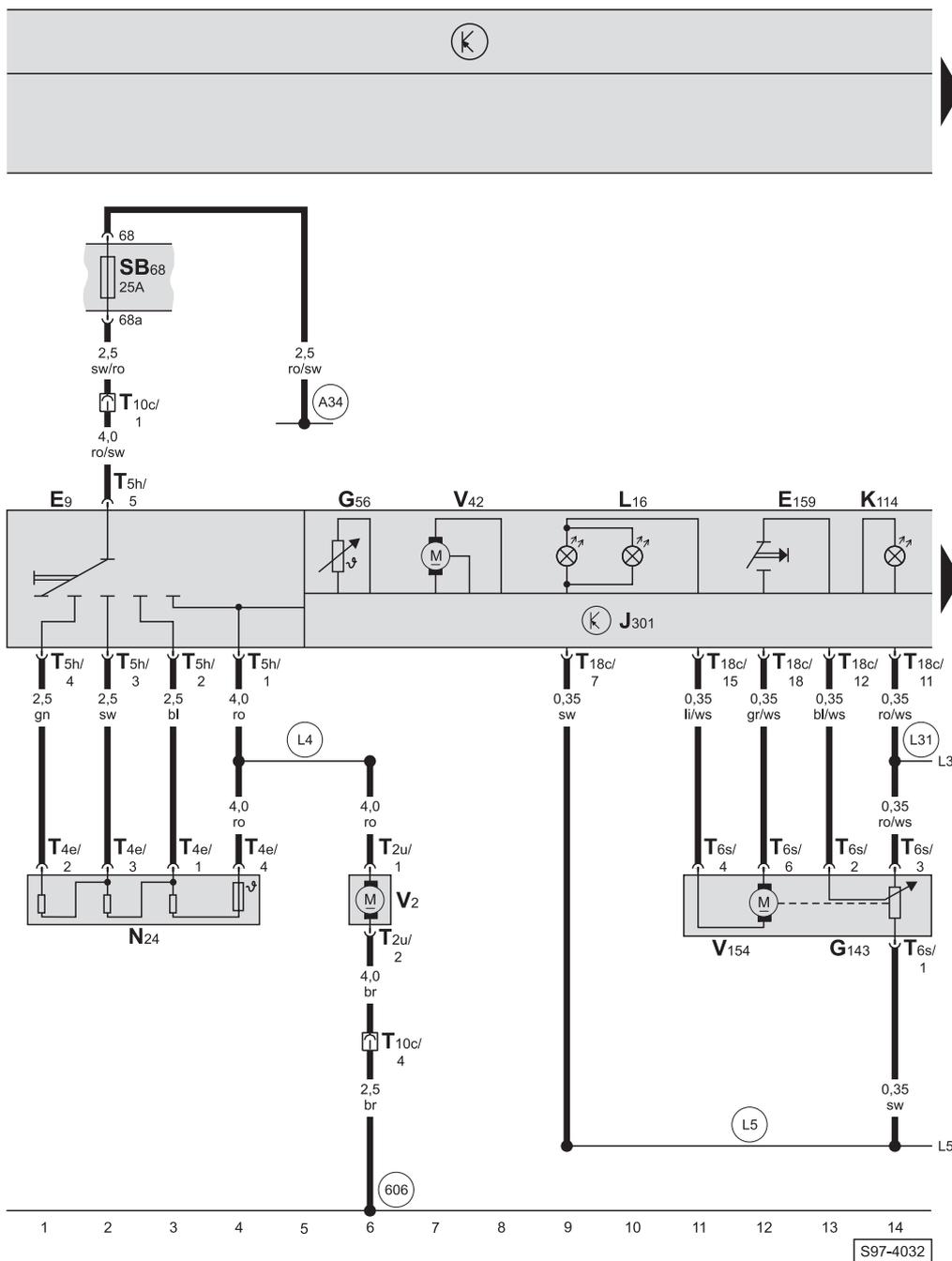
**Fuse holder on battery:**



**Fuse colours**

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

Air conditioning control unit, fresh air blower, fresh and recirculated air flap positioning motor, fuse holder



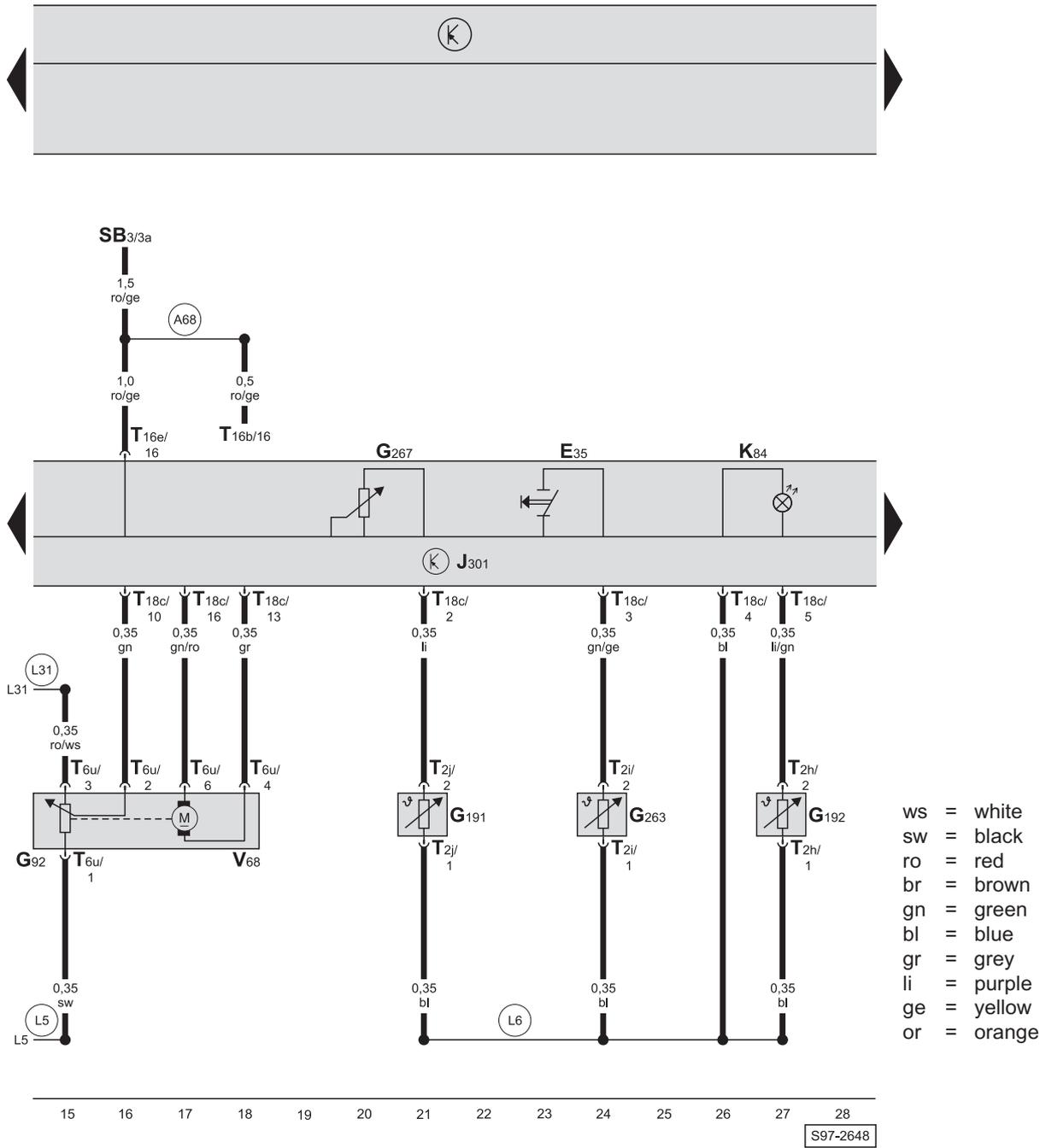
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange

- E9 - Fresh air blower switch
- E159 - Fresh and recirculated air flap switch
- G56 - Dash panel temperature sensor
- G143 - Fresh and recirculated air flap positioning motor potentiometer
- J301 - AC control unit
- K114 - Fresh air and air recirculation operation warning lamp
- L16 - Air conditioning 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
- T18c - 18-pin connector, at air conditioning control unit
- V2 - Fresh air blower
- V42 - Temperature sensor blower - dash panel
- V154 - Fresh and recirculated air flap motor

- (606) - Earth point, under the centre console, near gear stick
- (A34) - Positive connection (75x), in wiring loom behind dash panel
- (L4) - Connection (75a), in air conditioning wiring loom
- (L5) - Connection (sender earth), in air conditioning wiring loom
- (L31) - Connection (5V), in air conditioning wiring loom

S97-4032

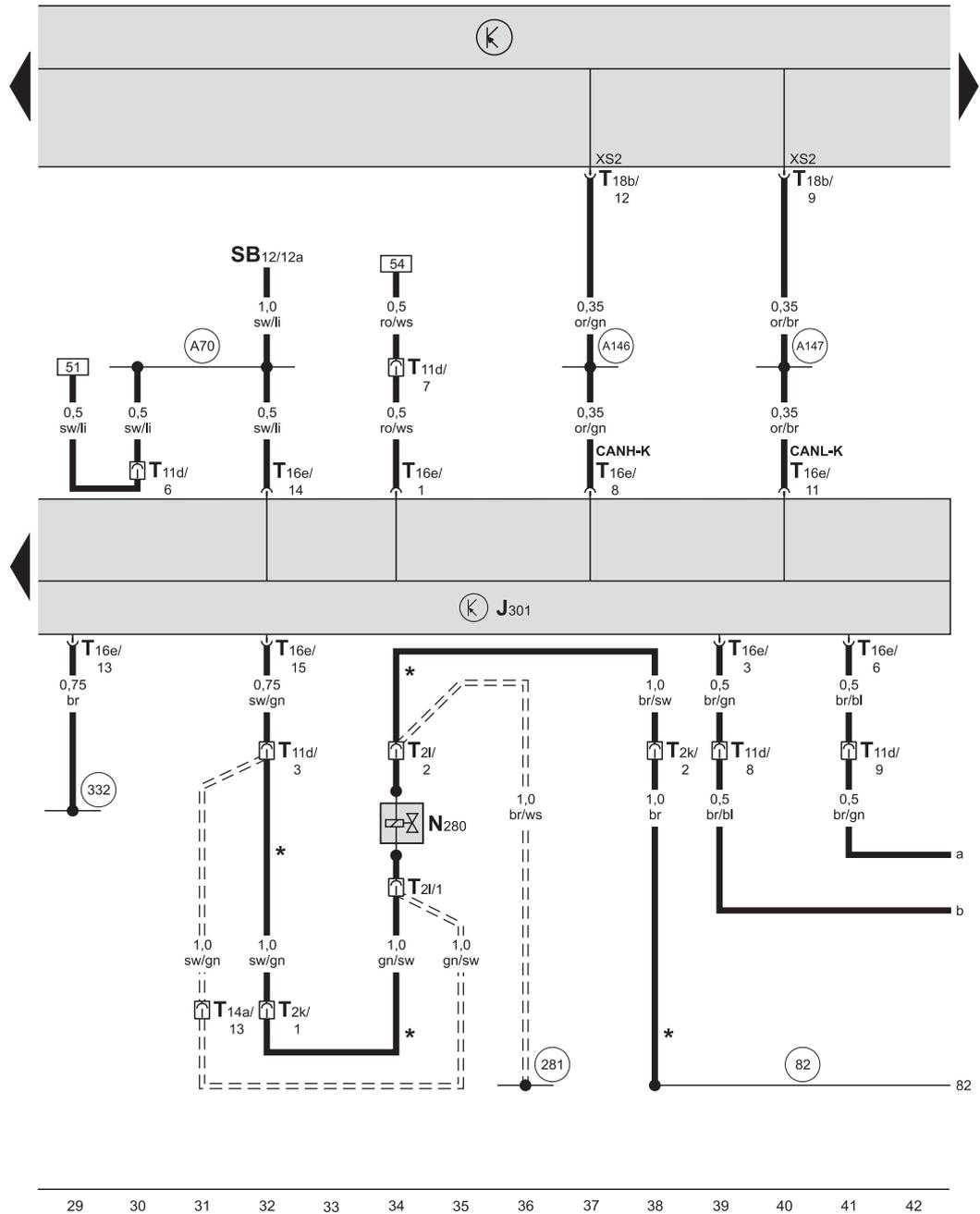
Air conditioning control unit, temperature flap positioning motor, temperature sender



- E35 - Air conditioner switch
- G92 - Temperature flap positioning motor potentiometer
- G191 - Centre outlet air temperature sender
- G192 - Footwell vent temperature sender
- G263 - Evaporator outlet air temperature sender
- G267 - Temperature selector rotary knob potentiometer
- J301 - AC control unit
- K84 - Air conditioning warning light
- SB3 - Fuse, in fuse holder
- T2h - 2-pin connector at footwell vent temperatur sender
- T2i - 2-pin connector at evaporator out-flow temperature sender
- T2j - 2-pin connector at centre footwell vent temperatur sender
- T6u - 6-pin connector, at temperature flap positioning motor
- T16b - 16-pin connector, in glove box on driver's side (diagnosis connection)
- T16e - 16-pin connector, at AC control unit
- T18c - 18-pin connector, at air conditioning control unit
- V68 - Temperature flap positioning motor

- (A68) - Positive connection (30a, AC), in wiring loom behind dash panel
- (L5) - Connection (sender earth), in air conditioning wiring loom
- (L6) - Connection (sender earth), in air conditioning wiring loom
- (L31) - Connection (5V), in air conditioning wiring loom

Air conditioning control unit, AC compressor control valve



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

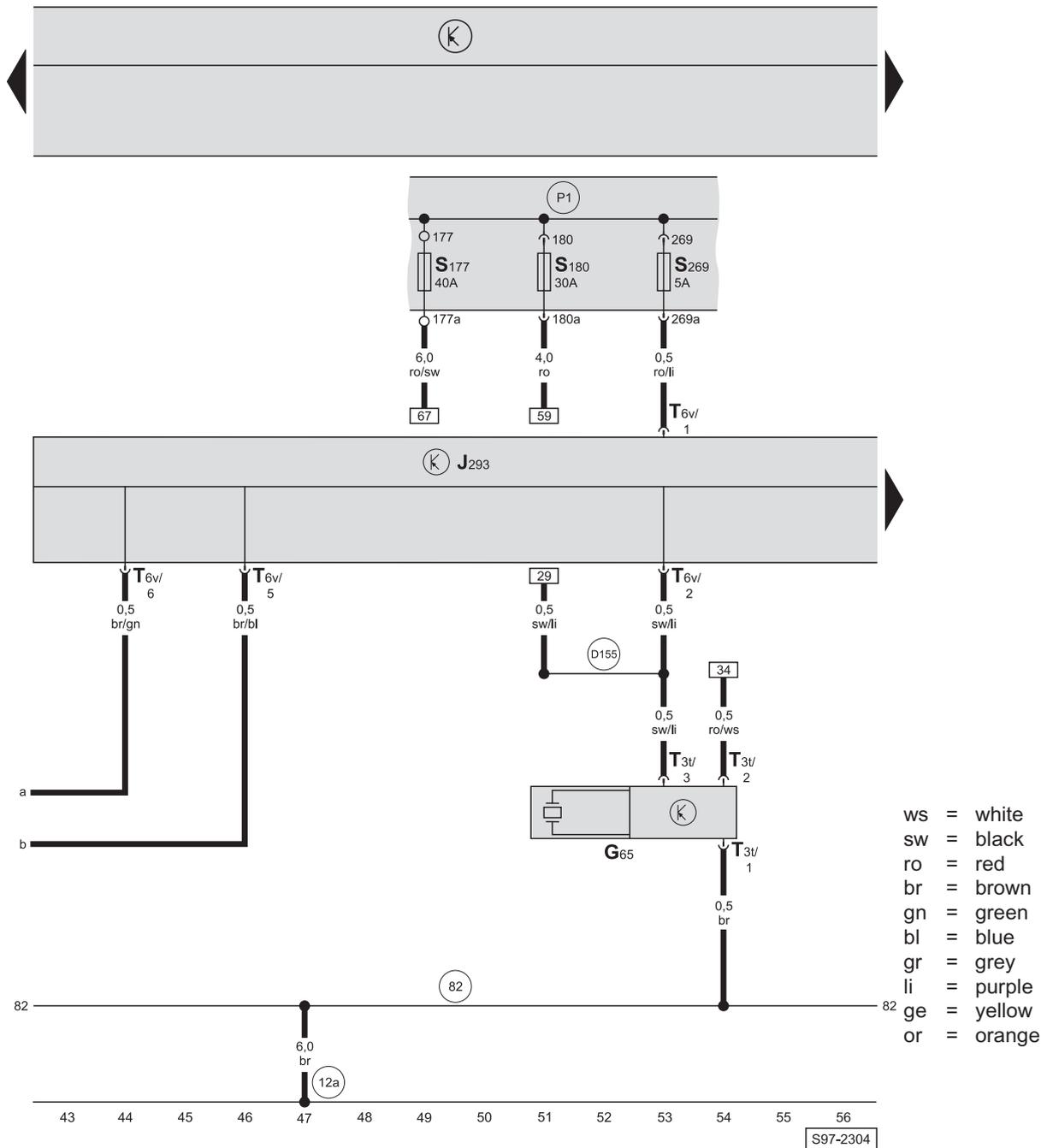
- J301 - AC control unit
- N280 - AC compressor control valve
- SB12 - Fuse, in fuse holder
- T2k - 2-pin connector, in bracket at gearbox
- T2l - 2-pin connector, at compressor
- T11d - 11-pin connector, at left of bulkhead (brown)
- T14a - Connector, 14-pin, in left of engine compartment (connection of the engine pre-assembly wiring loom/ engine compartment wiring loom)
- T16e - 16-pin connector, at AC control unit
- T18b - 18-pin connector, at electrical system control unit (black)

- 82 - Earth connection, in front left wiring harness
- 281 - Earth connection -1-, in engine pre-assembly wiring loom
- 332 - Earth connection, in wiring harness behind dash panel
- A70 - Positive connection (15a), 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

- \* - does not apply to engine code AWY
- == - applies only to engine codes AWY

S97-3476

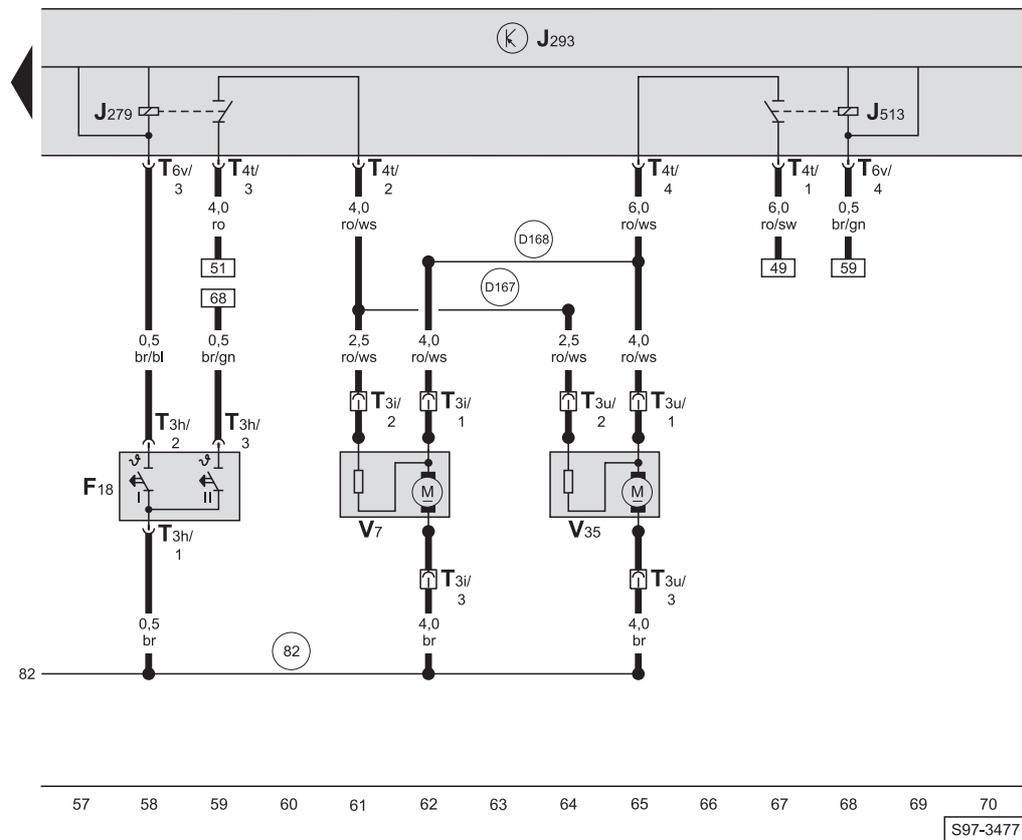
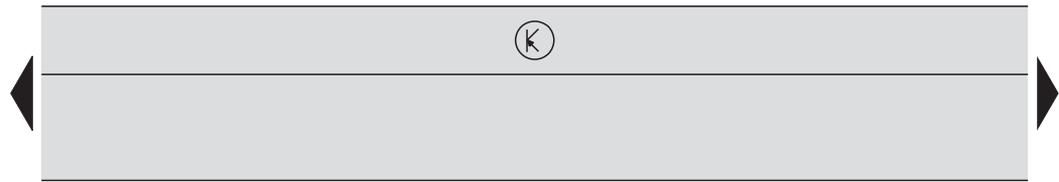
Radiator fan control unit, fuse holder on battery, high-pressure sensor



- G65 - High-pressure sensor
- J293 - Radiator fan control unit
- S177 - Fuse -5- (30), in fuse holder on battery
- S180 - Fuse -8- (30), in fuse holder on battery
- S269 - Fuse -11- (30), in fuse holder on battery
- T3t - 3-pin connector, at high-pressure sensor
- T6v - 6-pin connector, at radiator fan control unit

- (12a) - Earth point -2-, in engine compartment, on left below battery (at side member)
- (82) - Earth connection, in front left wiring harness
- (D155) - Connection (15, high-pressure sender), in engine compartment wiring loom
- (P1) - Positive connection (30), in fuse holder on battery

Radiator fan control unit, Radiator fan thermal switch, Radiator fan (not valid for engine code letters AMF)

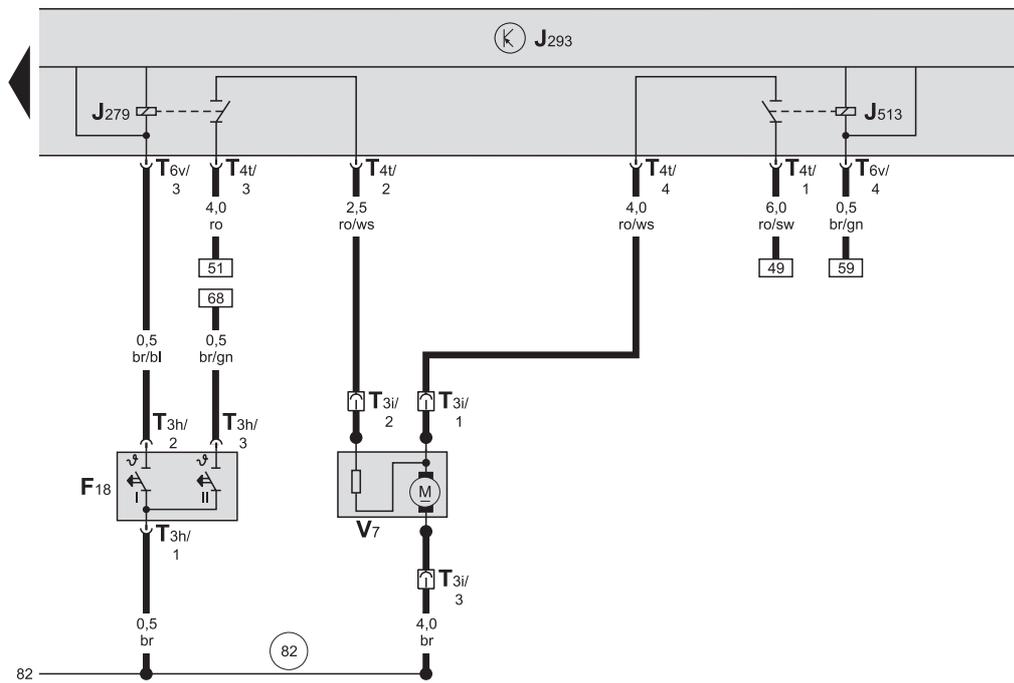
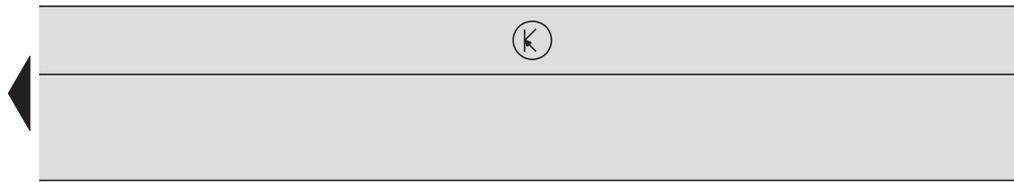


- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange

- 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

- 82 - 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

Radiator fan control unit, Radiator fan thermal switch, Radiator fan (only for engine code letters AMF)



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

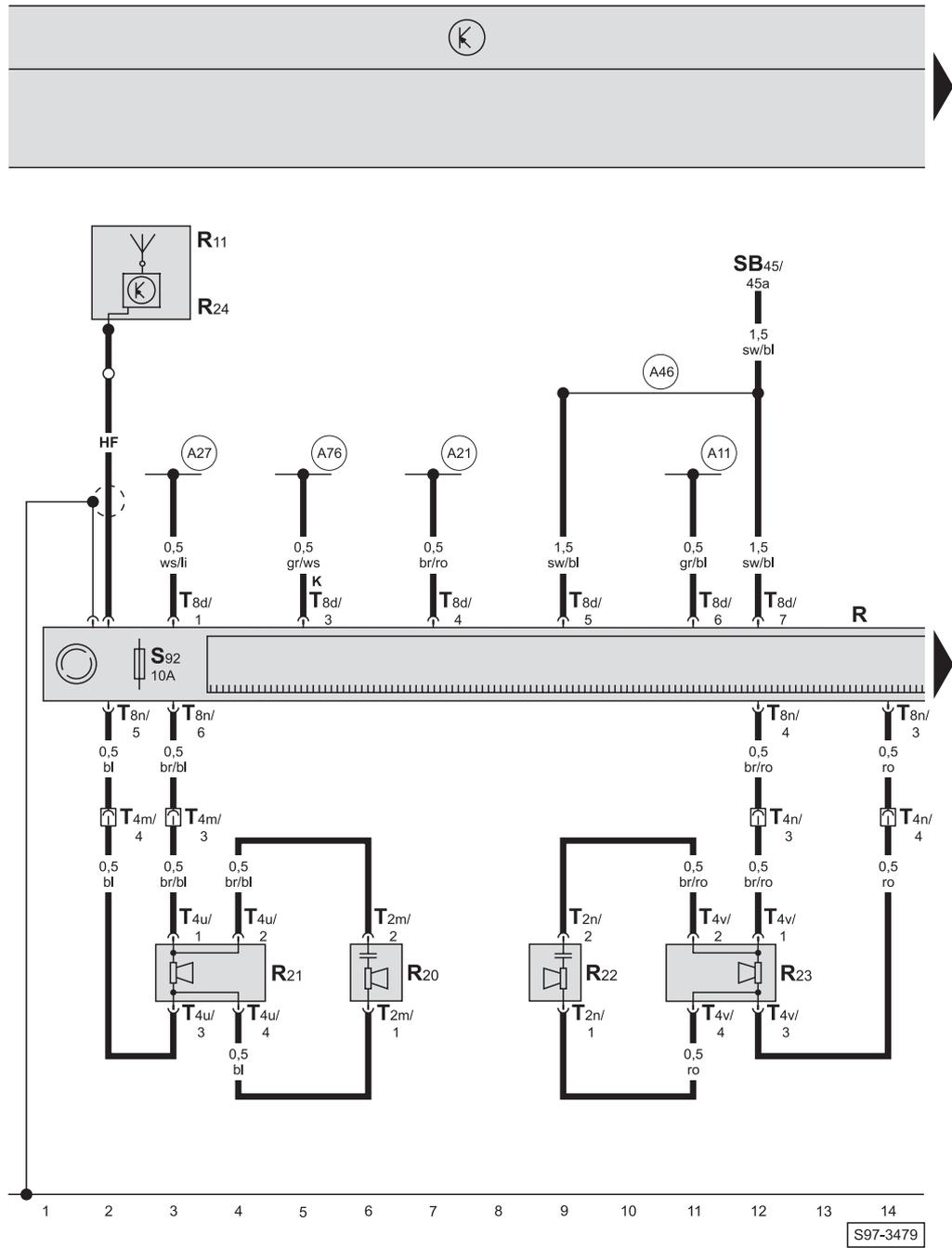
- F18 - Radiator fan thermoswitch
- J279 - Radiator fan relay, stage 1
- J293 - Radiator fan control unit
- J513 - Radiator fan relay, stage 2
- T3h - 3-pin connector, at radiator fan thermoswitch
- T3i - 3-pin connector, in bracket on left of radiator
- T4t - 4-pin connector, at radiator fan control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

82 - Earth connection, in front left wiring harness



**Radio system, from August 2002**

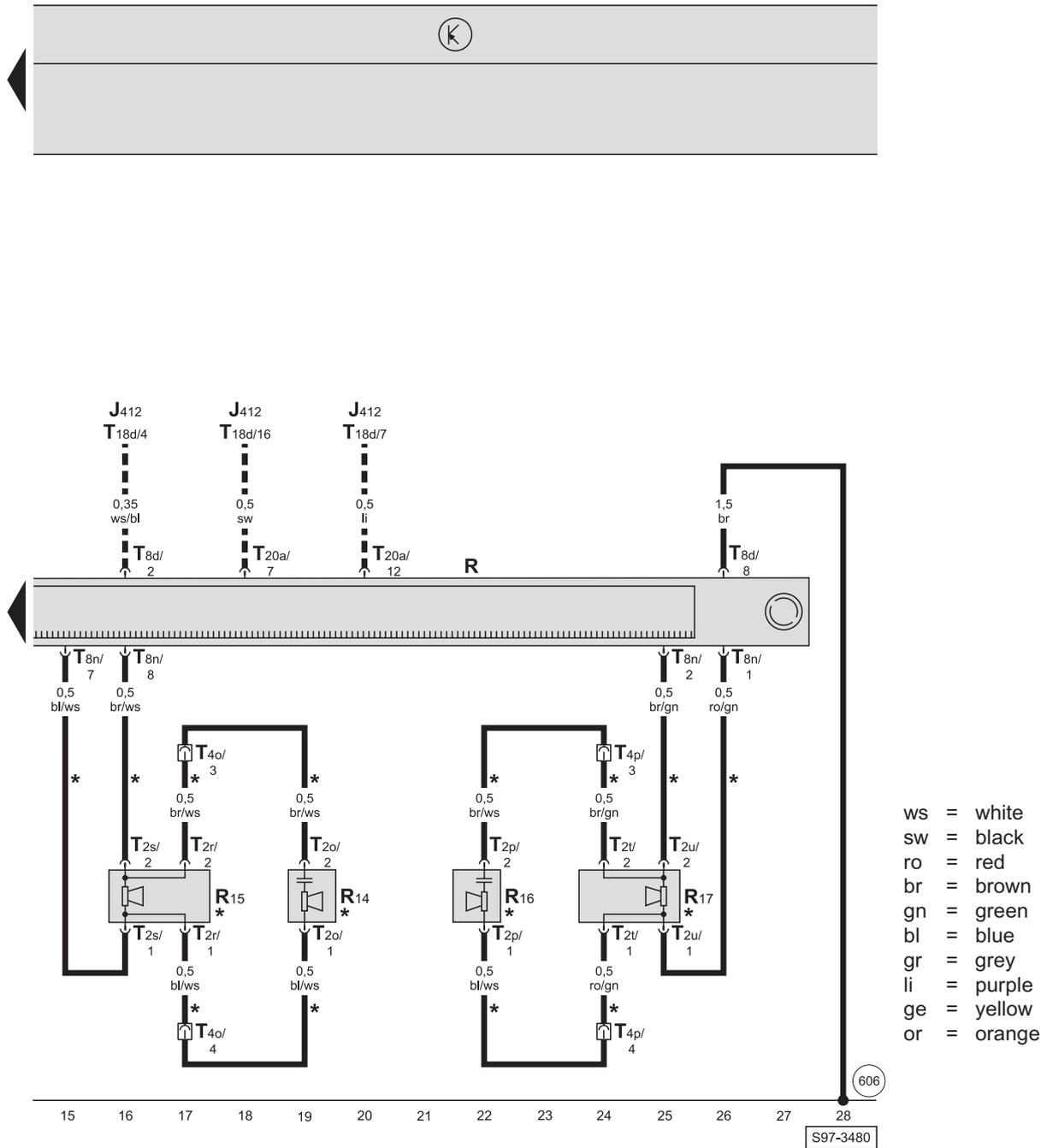
Radio, front speakers, aerial



- R - Radio
- R11 - Aerial
- R20 - Treble loudspeaker, front left
- R21 - Bass loudspeaker, front left
- R22 - Treble loudspeaker, front right
- R23 - Bass loudspeaker, front right
- R24 - Aerial amplifier
- S92 - Radio fuse
- SB45 - Fuse, in fuse holder
- T2m - 2-pin connector, at front left treble loudspeaker
- T2n - 2-pin connector, at front right treble loudspeaker
- T4m - 4-pin connector, at left A pillar (black)
- T4n - 4-pin connector, at right A pillar (black)
- T4u - 4-pin connector, at left front woofer
- T4v - 4-pin connector, at right front woofer
- T8d - 8-pin connector, at radio (black)
- T8n - 8-pin connector, at radio (brown)

- (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

Radio, rear speakers



- J412 - Control unit for telephone operating electronics (interface box)
- R - Radio
- R14 - Treble loudspeaker, rear left
- R15 - Bass loudspeaker, rear left
- R16 - Treble loudspeaker, rear right
- R17 - Bass loudspeaker, rear right
- T2o - 2-pin connector, at rear left treble loudspeaker
- T2p - 2-pin connector, at rear right treble loudspeaker
- T2r - 2-pin connector, at rear left bass loudspeaker
- T2s - 2-pin connector, at rear left bass loudspeaker
- T2t - 2-pin connector, at rear right bass loudspeaker
- T2u - 2-pin connector, at rear right bass loudspeaker
- T4o - 4-pin connector, at left B pillar (black)
- T4p - 4-pin connector, at right B pillar (black)
- T8d - 8-pin connector, at radio (black)

- T8n - 8-pin connector, at radio (brown)
- T18d - 18-pin connector, at control unit for telephone operating electronics (interface box)
- T20a - 20-pin connector, at radio

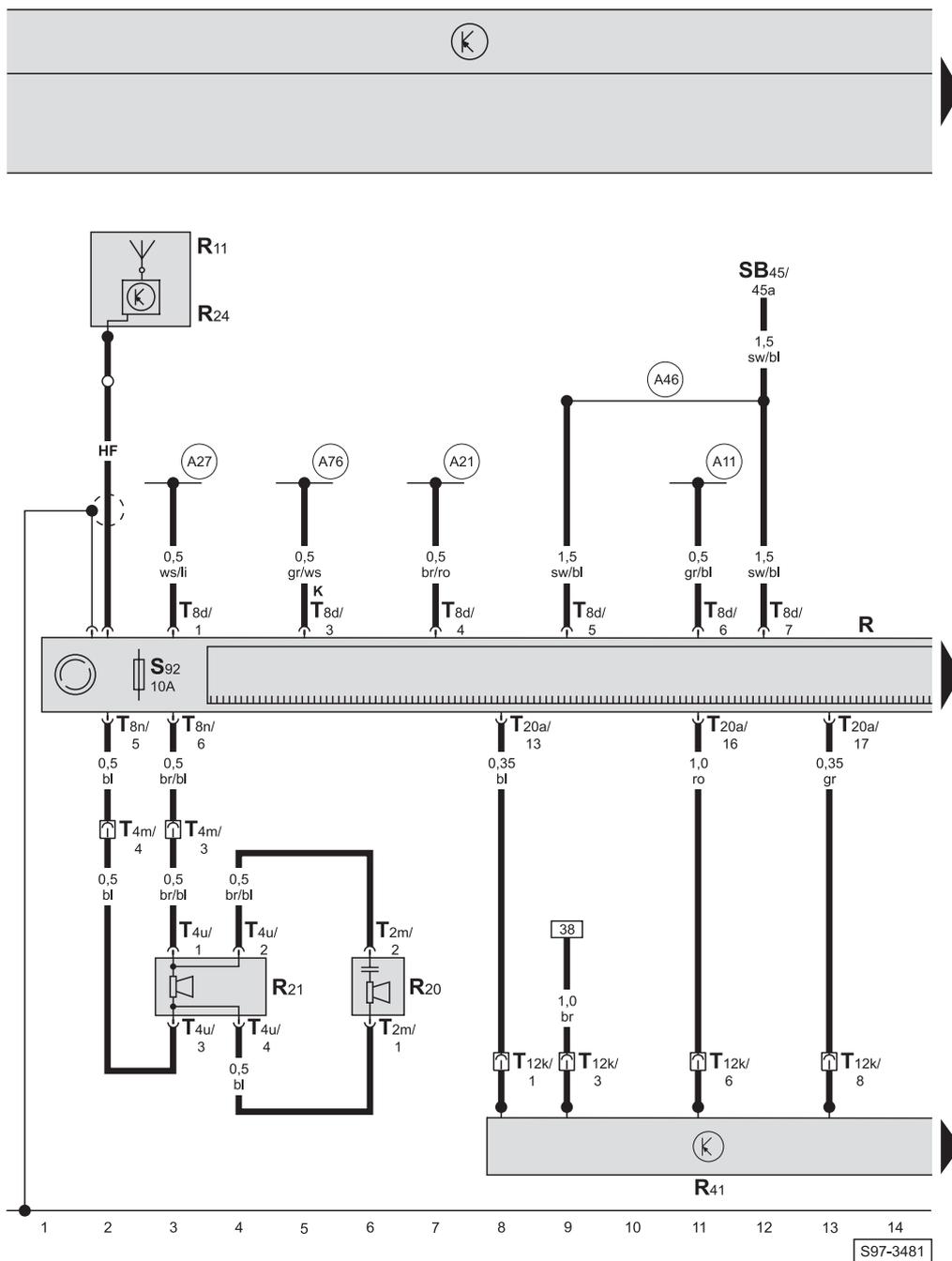
606 - Earth point, under the centre console, near gear stick

- \* - Applies only to models with 8 speakers
- - applies only to models with mobile phone preinstallation 2-Cullmann



**Radio system with CD changer, from August 2002**

Radio, front speakers, CD changer, aerial



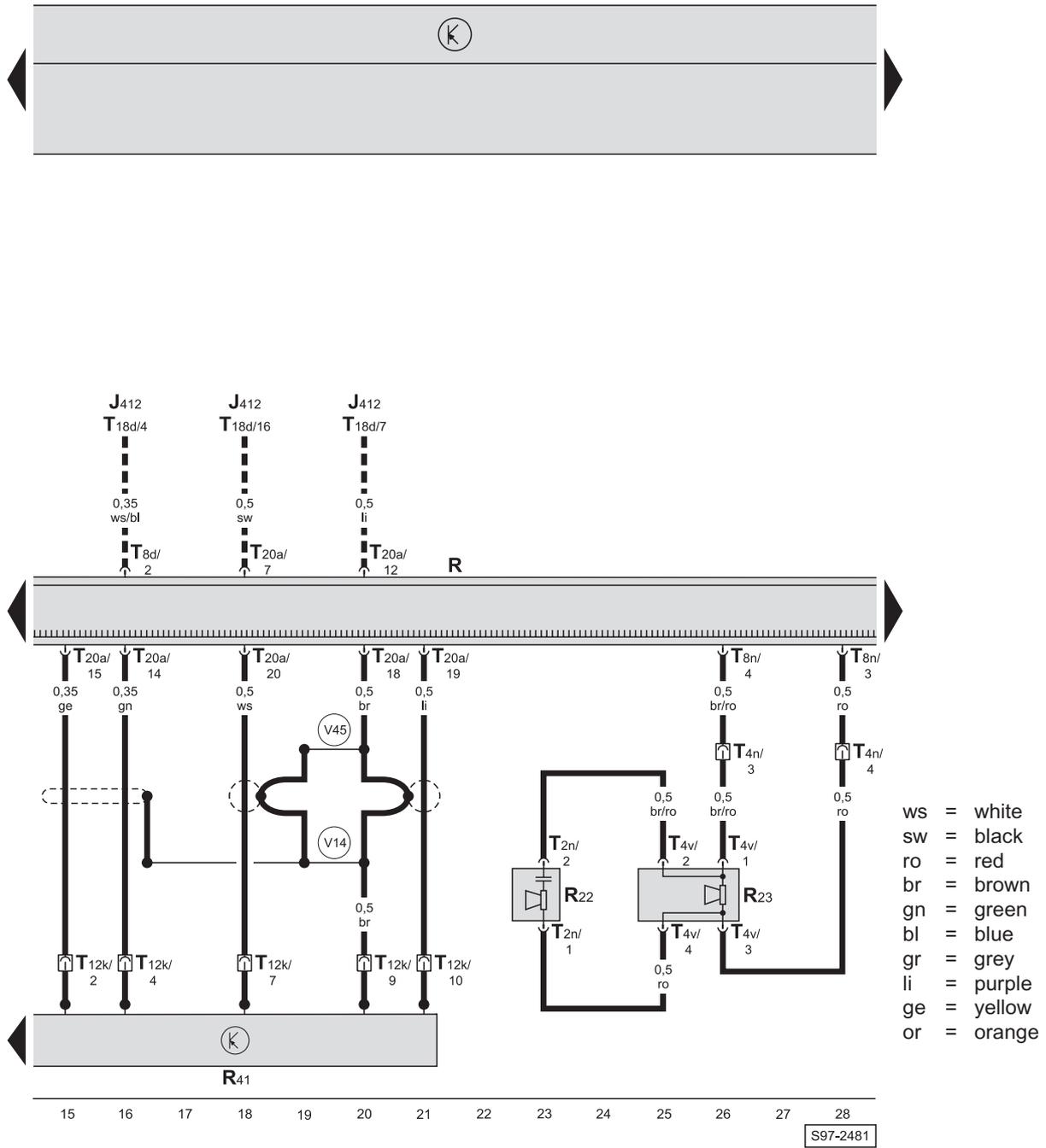
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange

- R - Radio
- R11 - Aerial
- R20 - Treble loudspeaker, front left
- R21 - Bass loudspeaker, front left
- R24 - Aerial amplifier
- R41 - CD changer
- S92 - Radio fuse
- SB45 - Fuse, in fuse holder
- T2m - 2-pin connector, at front left treble loudspeaker
- T4m - 4-pin connector, at left A pillar (black)
- T4u - 4-pin connector, at left front woofer
- T8d - 8-pin connector, at radio (black)
- T8n - 8-pin connector, at radio (brown)
- T12k - 12-pin connector, at CD changer
- T20a - 20-pin connector, at radio

- (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

S97-3481

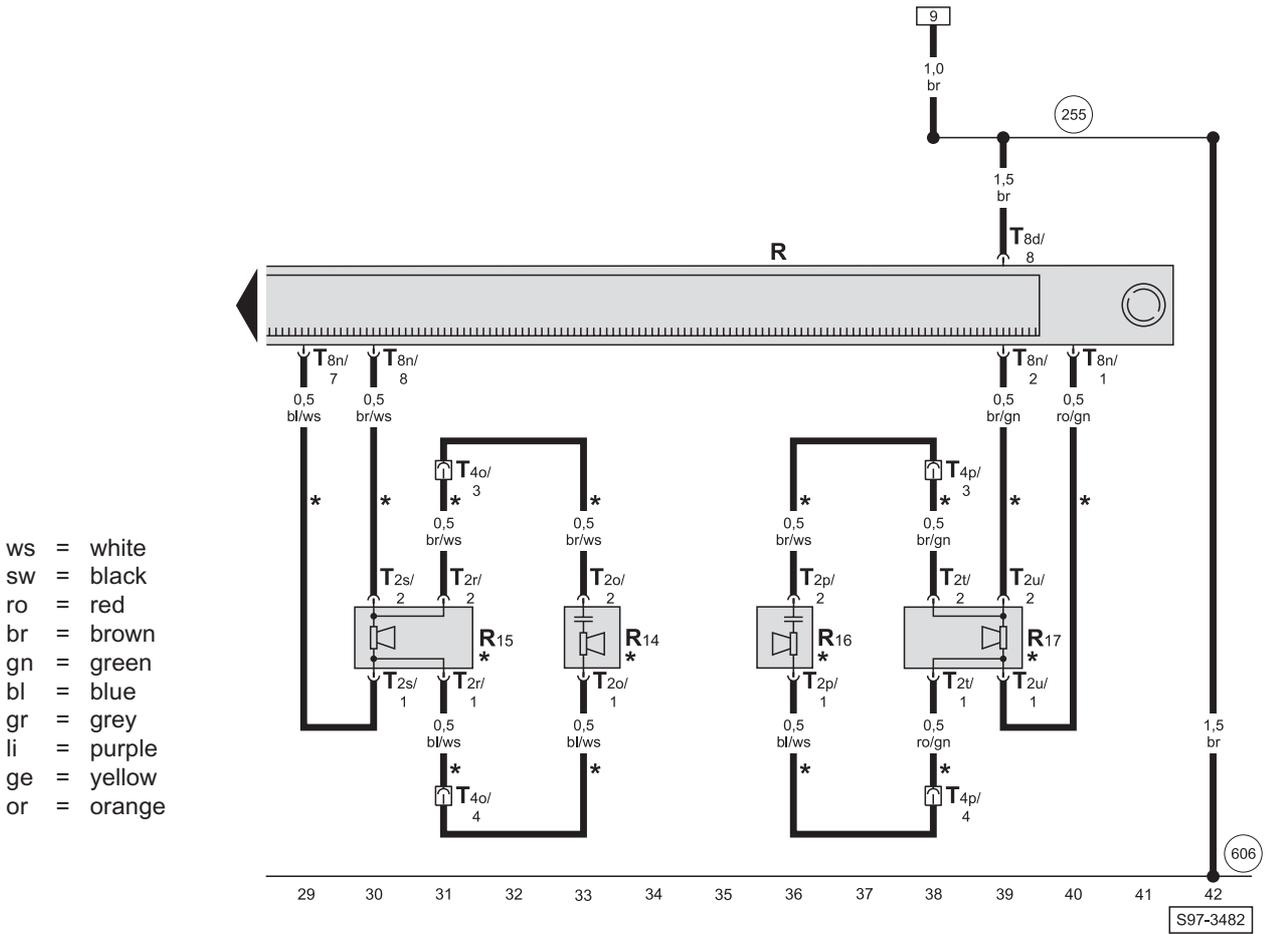
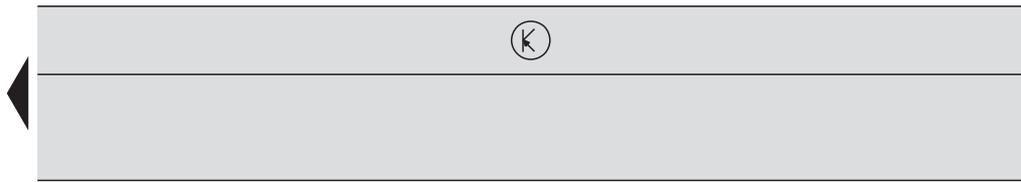
Radio, front speakers, CD changer



- J412 - Operating electronics/telephone control unit (Interface box)
- R - Radio
- R22 - Treble loudspeaker, front right
- R23 - Bass loudspeaker, front right
- R41 - CD changer
- T2n - 2-pin connector, at front right treble loudspeaker
- T4n - 4-pin connector, at right A pillar (black)
- T4v - 4-pin connector, at right front woofer
- T8d - 8-pin connector, at radio (black)
- T8n - 8-pin connector, at radio (brown)
- T12k - 12-pin connector, at CD changer
- T18d - 18-pin connector, at control unit for telephone operating electronics (interface box)
- T20a - 20-pin connector, at radio

- (V14) - Connection (screening), in CD changer wiring loom
- (V45) - Connection -2- (screening), in CD changer wiring harness
- - applies only to models with mobile phone preinstallation 2-Cullmann

Radio, rear speakers



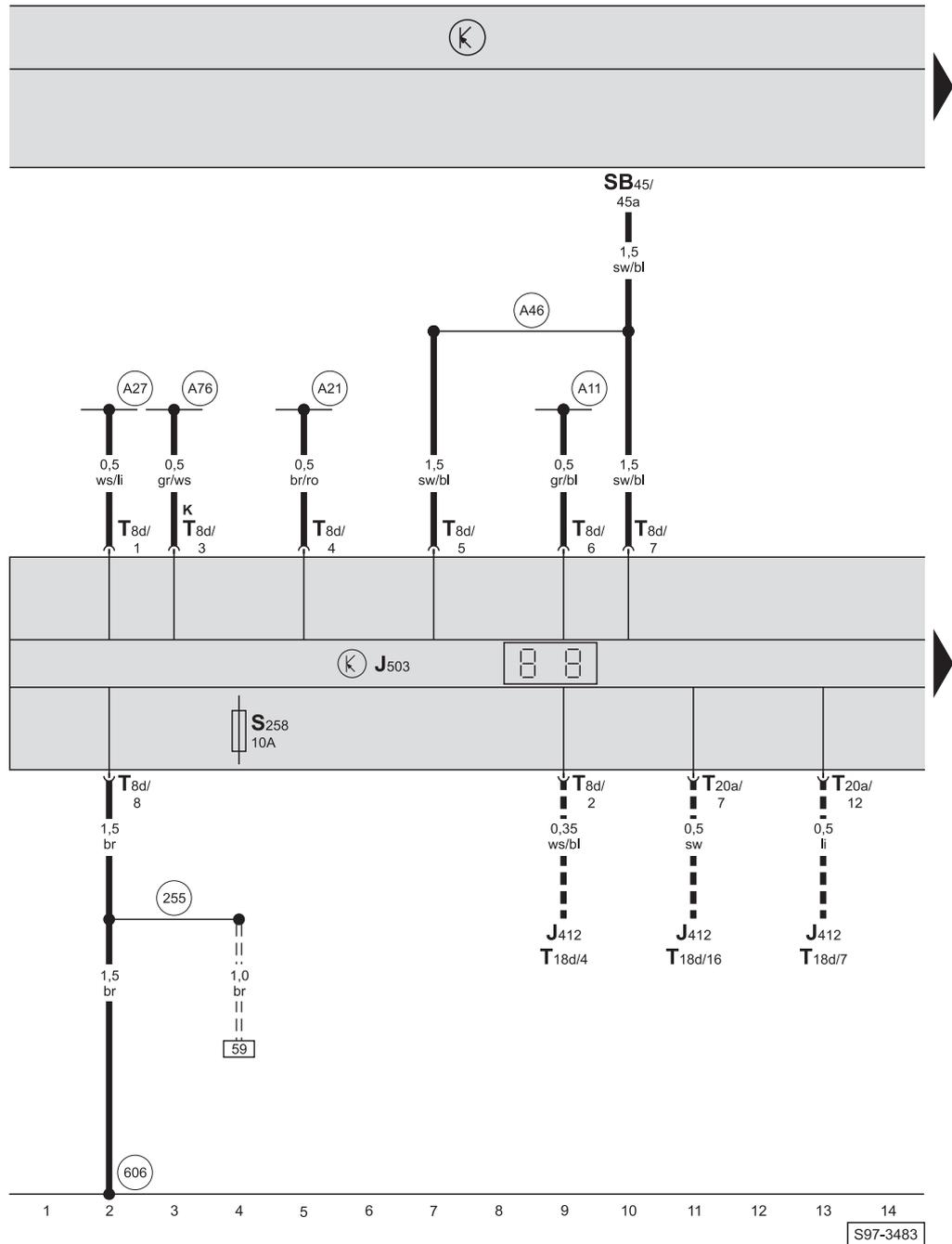
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange

- R - Radio
- R14 - Treble loudspeaker, rear left
- R15 - Bass loudspeaker, rear left
- R16 - Treble loudspeaker, rear right
- R17 - Bass loudspeaker, rear right
- T2o - 2-pin connector, at rear left treble loudspeaker
- T2p - 2-pin connector, at rear right treble loudspeaker
- T2r - 2-pin connector, at rear left bass loudspeaker
- T2s - 2-pin connector, at rear left bass loudspeaker
- T2t - 2-pin connector, at rear right bass loudspeaker
- T2u - 2-pin connector, at rear right bass loudspeaker
- T4o - 4-pin connector, at left B pillar (black)
- T4p - 4-pin connector, at right B pillar (black)
- T8d - 8-pin connector, at radio (black)
- T8n - 8-pin connector, at radio (brown)

- 255 - Earth connection -1-, in wiring loom behind dash panel
- 606 - Earth point, under the centre console, near gear stick
- \* - Applies only to models with 8 speakers

**Navigation system with CD changer, from August 2002**

Navigation system control unit



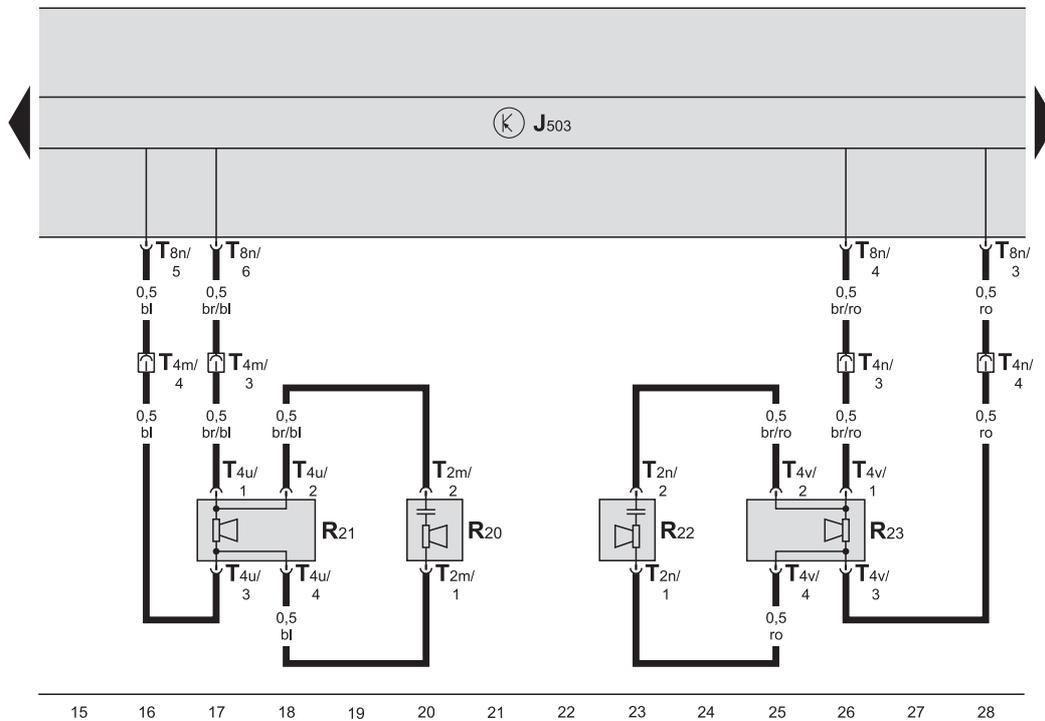
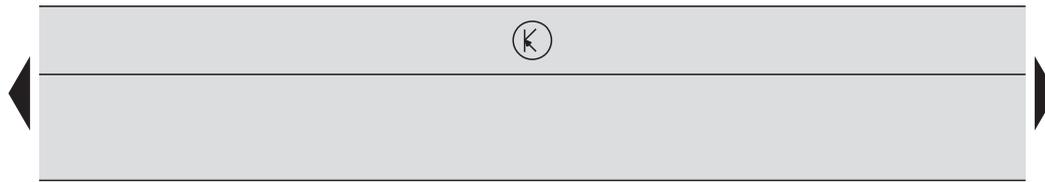
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange

- J412 - Control unit for telephone operating electronics (interface box)
- J503 - Navigation system control unit
- S258 - Fuse for navigation system
- SB45 - Fuse, in fuse holder
- T8d - 8-pin connector, at navigation system control unit (black)
- T18d - 18-pin connector, at control unit for telephone operating electronics (interface box)
- T20a - 20-pin connector, at navigation system control unit

- 255 - Earth connection -1-, in wiring loom 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

- === - applies only to models with CD changer
- - applies only to models with mobile phone preinstallation 2-Cullmann

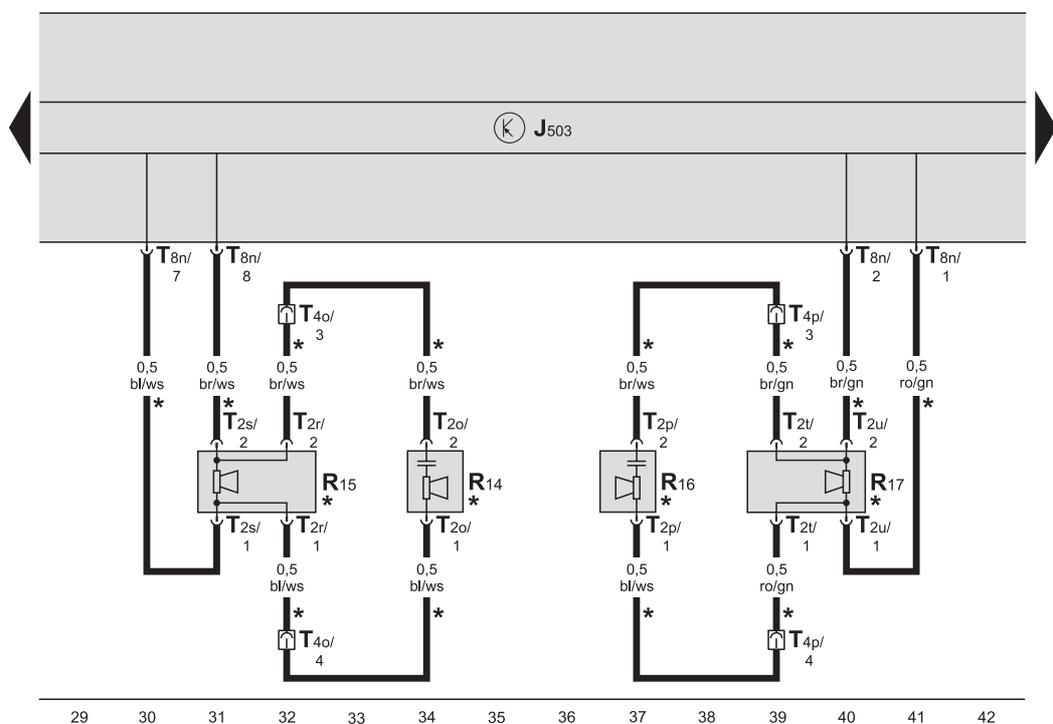
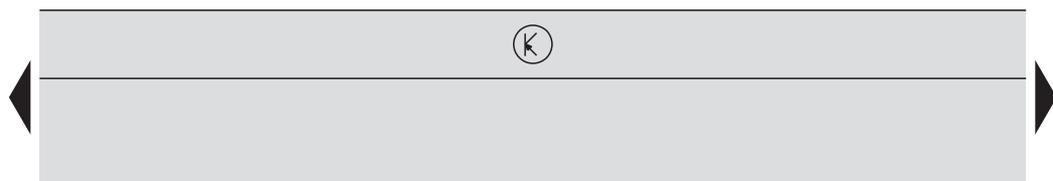
Navigation system control unit, front speakers



S97-2129

- J503 - Navigation system control unit
- R20 - Treble loudspeaker, front left
- R21 - Bass loudspeaker, front left
- R22 - Treble loudspeaker, front right
- R23 - Bass loudspeaker, front right
- T2m - 2-pin connector, at front left treble loudspeaker
- T2n - 2-pin connector, at front right treble loudspeaker
- T4m - 4-pin connector, at left A pillar (black)
- T4n - 4-pin connector, at right A pillar (black)
- T4u - 4-pin connector, at left front woofer
- T4v - 4-pin connector, at right front woofer
- T8n - 8-pin connector, at navigation system control unit (brown)

Navigation system control unit, rear speakers

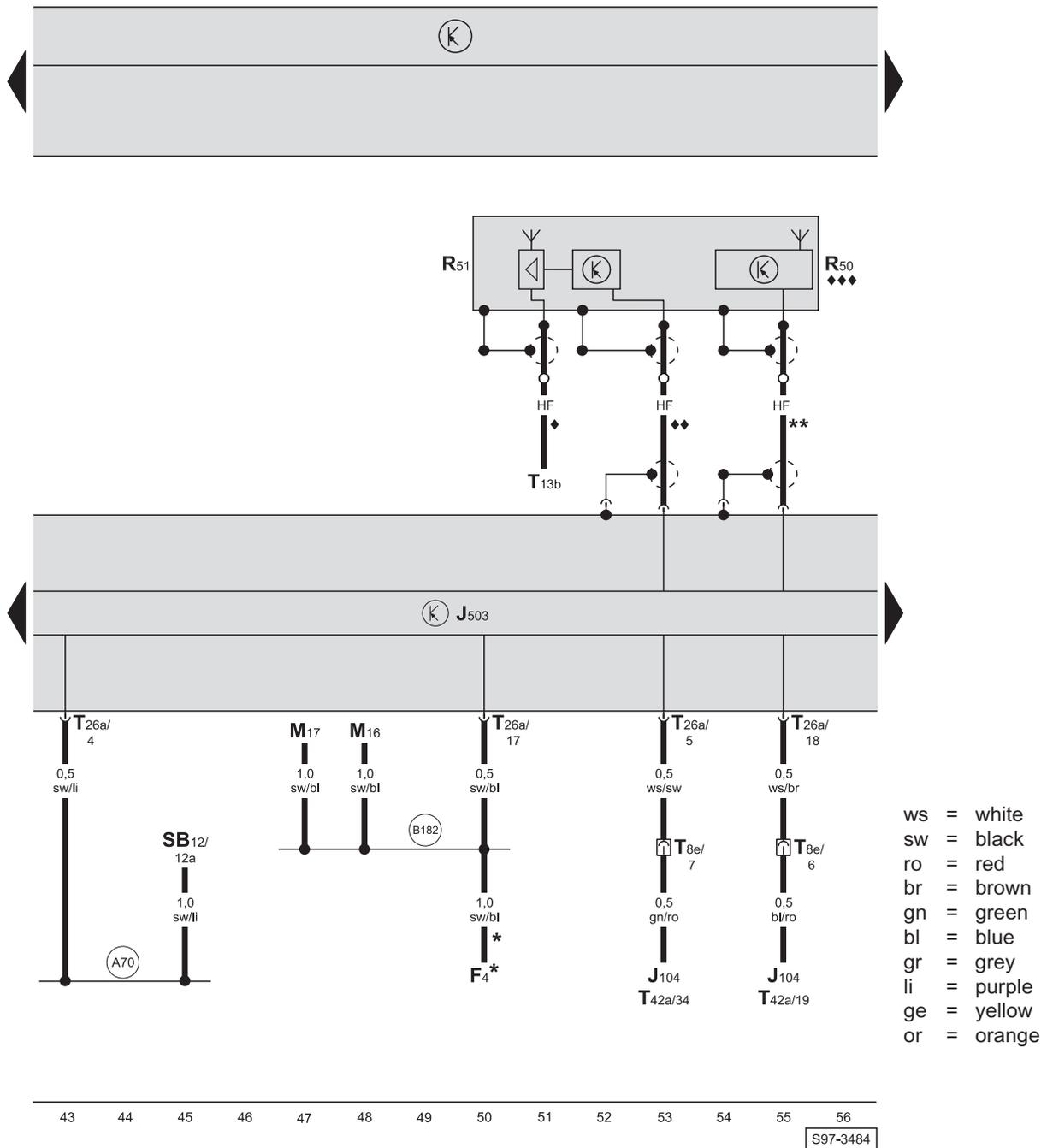


- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange

- J503 - Navigation system control unit
- R14 - Treble loudspeaker, rear left
- R15 - Bass loudspeaker, rear left
- R16 - Treble loudspeaker, rear right
- R17 - Bass loudspeaker, rear right
- T2o - 2-pin connector, at rear left treble loudspeaker
- T2p - 2-pin connector, at rear right treble loudspeaker
- T2r - 2-pin connector, at rear left bass loudspeaker
- T2s - 2-pin connector, at rear left bass loudspeaker
- T2t - 2-pin connector, at rear right bass loudspeaker
- T2u - 2-pin connector, at rear right bass loudspeaker
- T4o - 4-pin connector, at left B pillar (black)
- T4p - 4-pin connector, at right B pillar (black)
- T8n - 8-pin connector, at navigation system control unit (brown)

\* - Applies only to models with 8 speakers

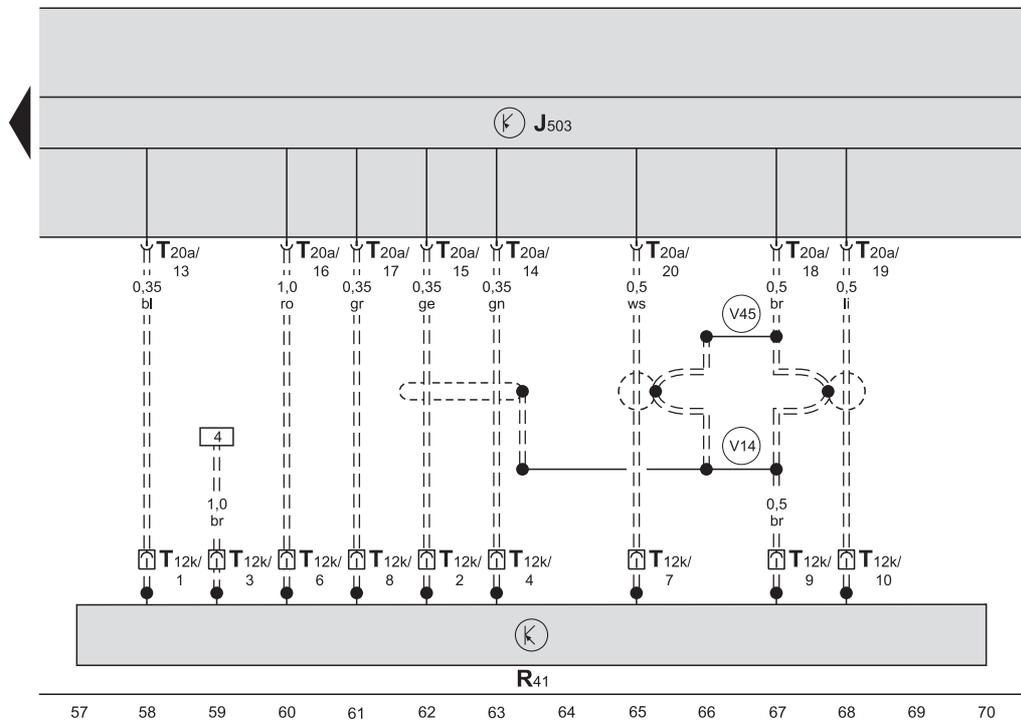
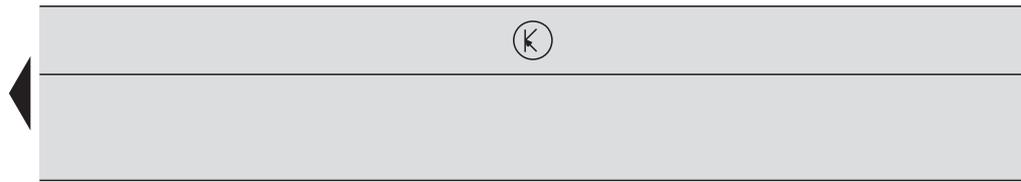
Navigation system control unit, aerial



- F4 - Reversing light switch
- J104 - ABS/ABS with EDL and TCS/ESP control unit
- J503 - Navigation system control unit
- M16 - Reversing light bulb left
- M17 - Reversing light bulb right
- R50 - Navigation aerial (GPS)
- R51 - Radio/telephone aerial
- SB12 - Fuse, in fuse holder
- T8e - Plug connection, 8-pin, at left of bulkhead (orange)
- T13b - 13-pin connector, for telephone
- T26a - 26-pin connector, at navigation system control unit
- T42a - Connector, 42-pin, at ABS/ABS with EDL and TCS/ESP control unit

- (A70) - Positive connection (15a), in wiring loom behind dash panel
- (B182) - Connection (RF), in interior wiring loom
- \* - Does not apply to models with automatic gearbox
- \*\* - Navigation system aerial cable
- ◆ - Mobile phone aerial cable
- ◆◆ - Radio aerial cable
- ◆◆◆ - on Notchback models R50 is behind dash panel

Navigation system control unit, CD changer



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

- J503 - Navigation system control unit
- R41 - CD changer
- T12k - 12-pin connector, at CD changer
- T20a - 20-pin connector, at navigation system control unit

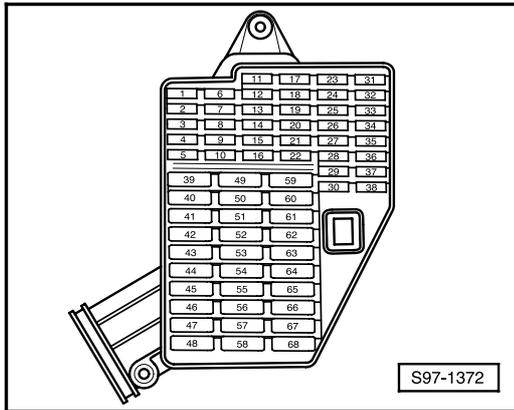
- V14 - Connection (screening), in CD changer wiring loom
- V45 - Connection -2- (screening), in CD changer wiring harness

=== - applies only to models with CD changer

S97-2133

# Mobile phone preinstallation, from August 2002

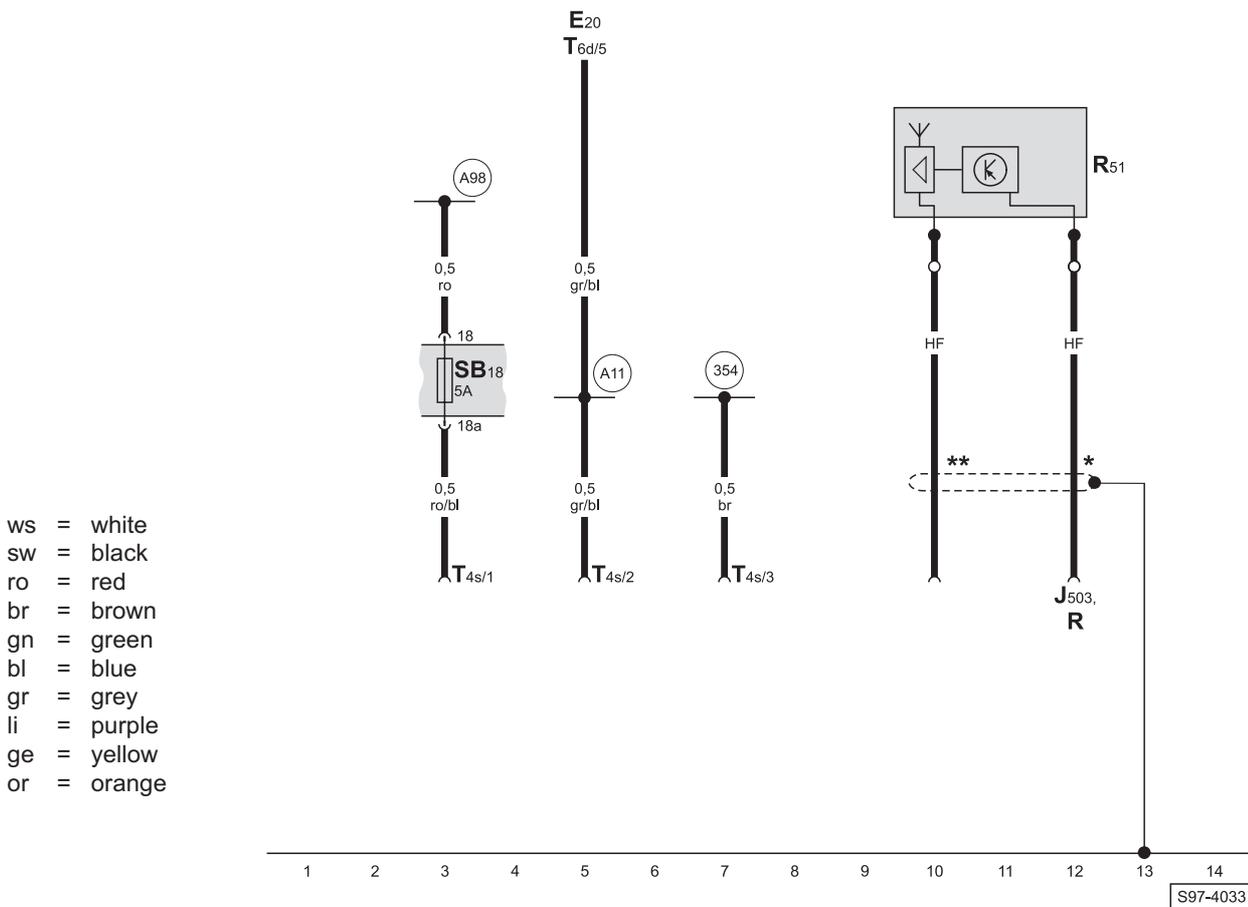
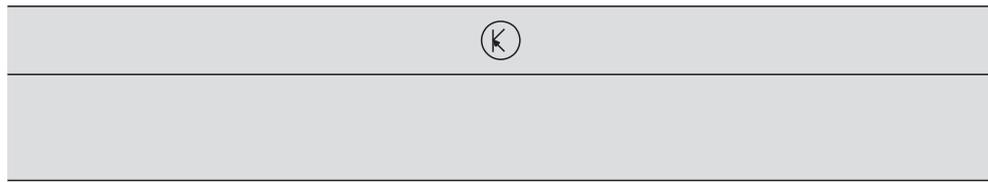
Fuse holder:



**Fuse colours**

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

Telephone preinstallation



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

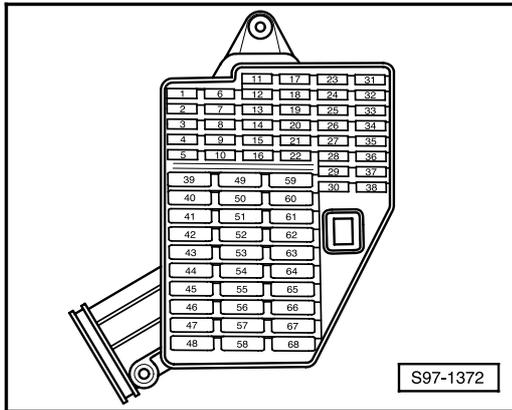
- E20 - Switches and instruments lighting control
- J503 - Navigation system control unit
- R - Radio
- R51 - Radio/telephone aerial
- T4s - 4-pin connector, behind radio (telephone preinstallation)
- T6d - 6-pin connector, at lighting control and headlight range control adjuster

- 354 - Earth connection, in wiring harness behind dash panel
- A11 - Positive connection (58b), in wiring loom behind dash panel
- A98 - Positive connection (30a), in wiring loom behind dash panel (applies only to models with telephone system)

- \* - Radio aerial cable
- \*\* - Mobile phone aerial cable

## Telephone preinstallation 2-Cullmann, from August 2002

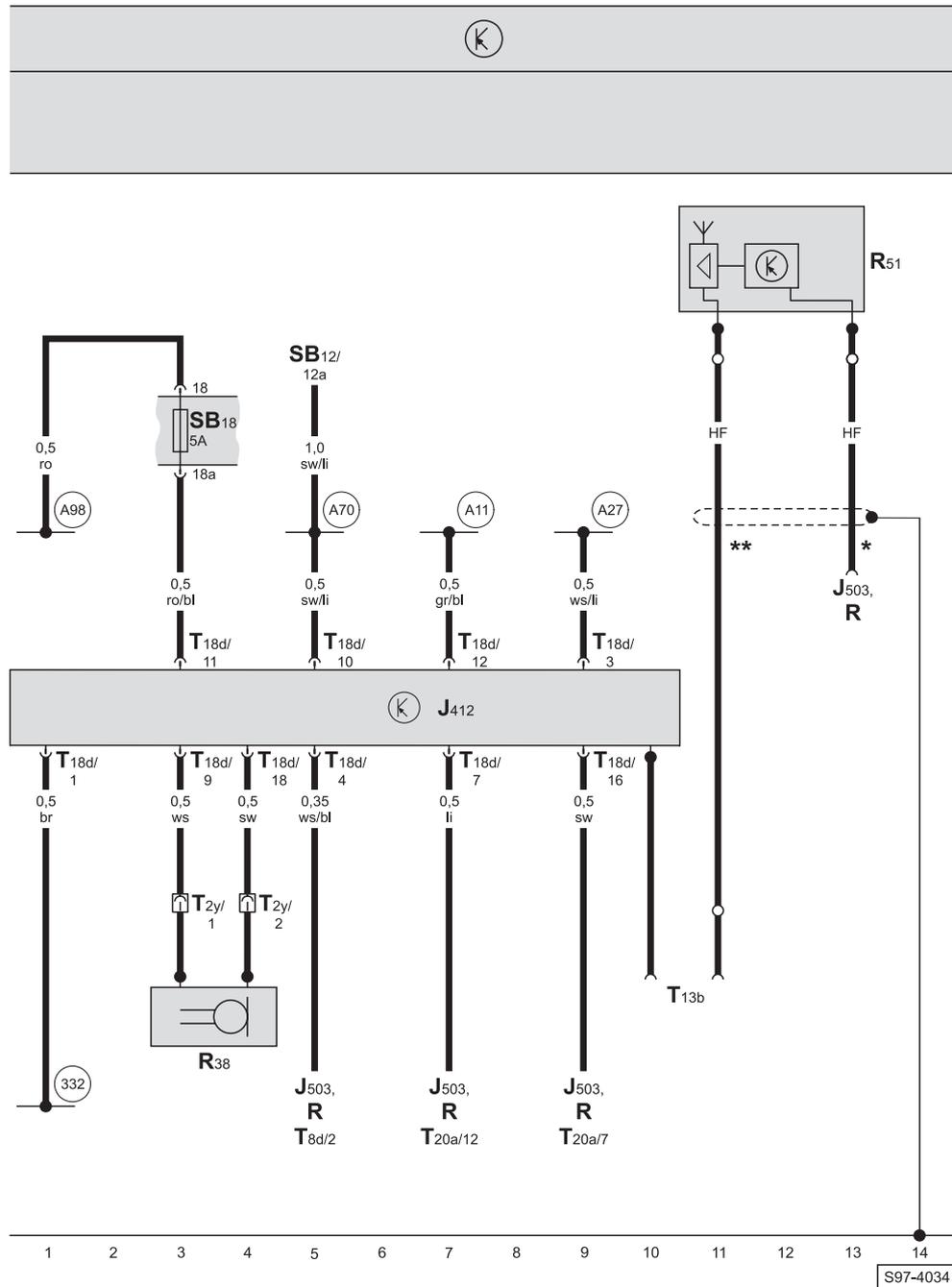
Fuse holder:



### Fuse colours

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

Operating electronics/mobile phone control unit (interface box), mobile phone microphone, aerial, fuse holder



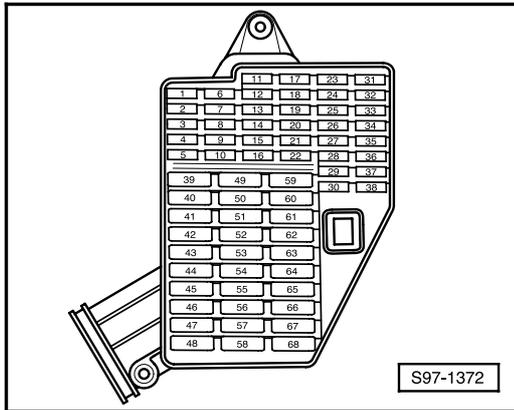
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange

- J412 - Control unit for telephone operating electronics (interface box)
- J503 - Navigation system control unit
- R - Radio
- R38 - Microphone for telephone
- R51 - Radio/telephone aerial
- SB12 - Fuse, in fuse holder
- T2y - 2-pin connector, at telephone microphone
- T8d - 8-pin connector, at radio or at navigation system control unit (black)
- T13b - 13-pin connector, for telephone
- T18d - 18-pin connector, at control unit for telephone operating electronics (interface box)
- T20a - Plug connection, 20-pin, at radio or at navigation system control unit

- 332 - Earth connection, in wiring harness behind dash panel
- A11 - Positive connection (58b), in wiring loom behind dash panel
- A27 - Connection (vehicle speed signal), 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)
- \* - Radio aerial cable
- \*\* - Mobile phone aerial cable

# Headlight washer system, from August 2002

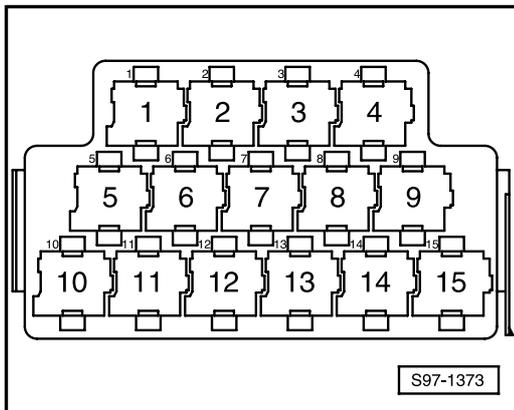
**Fuse holder:**



**Fuse colours**

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

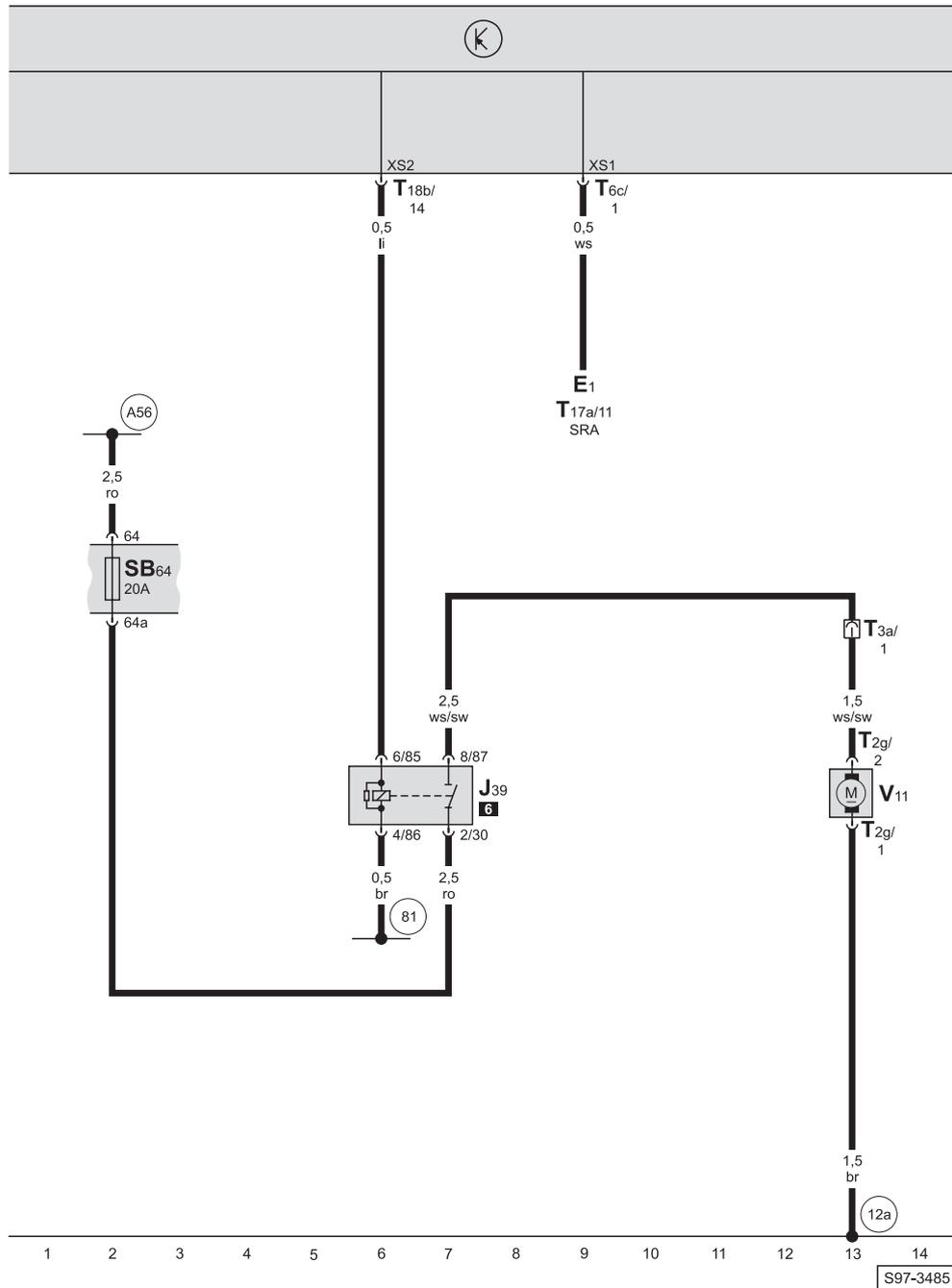
**Relay holder:**



**Relay position assignment**

- 6** - Headlight washer system relay

Headlight washer system relay, headlight washer system pump, fuse holder



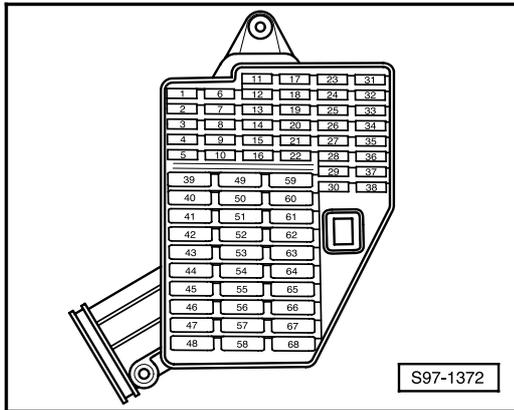
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange

- E1 - Light switch
- J39 - Headlight washer system relay
- T2g - 2-pin connector, at headlight wash system pump
- T3a - 3-pin connector, at left of bulkhead (grey)
- T6c - 6-pin connector, at electrical system control unit (black)
- T17a - 17-pin connector, at light switch
- T18b - 18-pin connector, at electrical system control unit (black)
- V11 - Headlight washer pump

- 12a - Earth point -2-, in engine compartment, on left below battery (at side member)
- 81 - Earth connection, in wiring harness behind dash panel
- A56 - Positive connection (30a), in wiring loom behind dash panel

## Heated washer nozzles, from August 2002

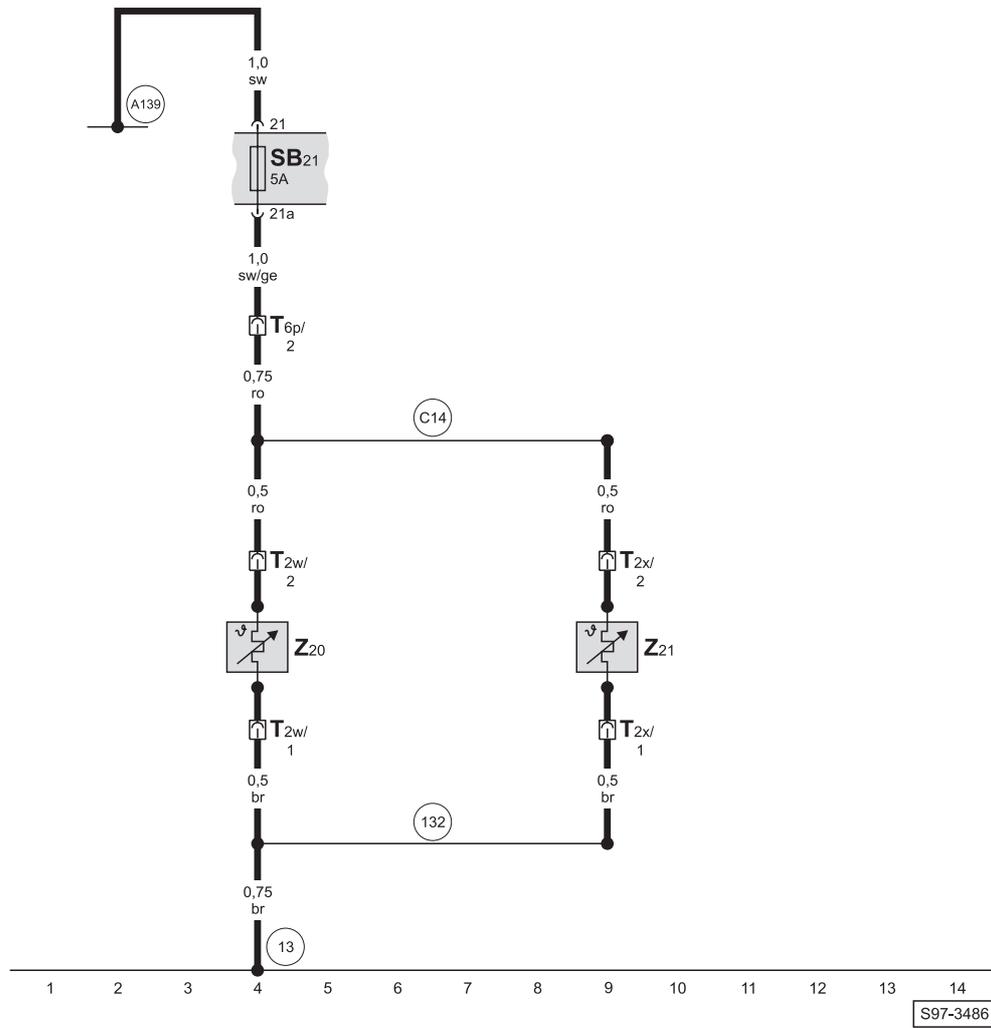
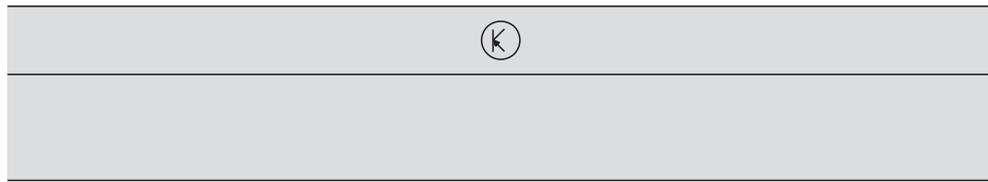
Fuse holder:



**Fuse colours**

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

Heated washer nozzles



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

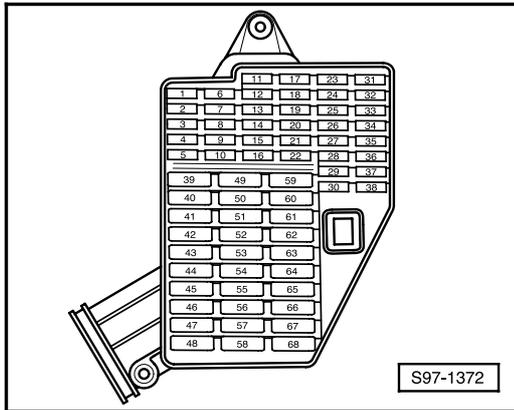
- T2w - 2-pin connector, at left washer nozzle heating resistor
- T2x - 2-pin connector, at right washer nozzle heating resistor
- T6p - 6-pin connector, at left of bulkhead (red)
- Z20 - Left washer nozzle heating resistor
- Z21 - Right washer nozzle heating resistor

- 13 - Earth point, in front right of engine compartment
- 132 - Earth connection -3-, in engine compartment wiring harness
- A139 - Positive connection (15), in wiring loom behind dash panel
- C14 - Positive connection (15, heated washer nozzles), in engine compartment wiring loom

S97-3486

## Trailer coupling, from August 2002

Fuse holder:



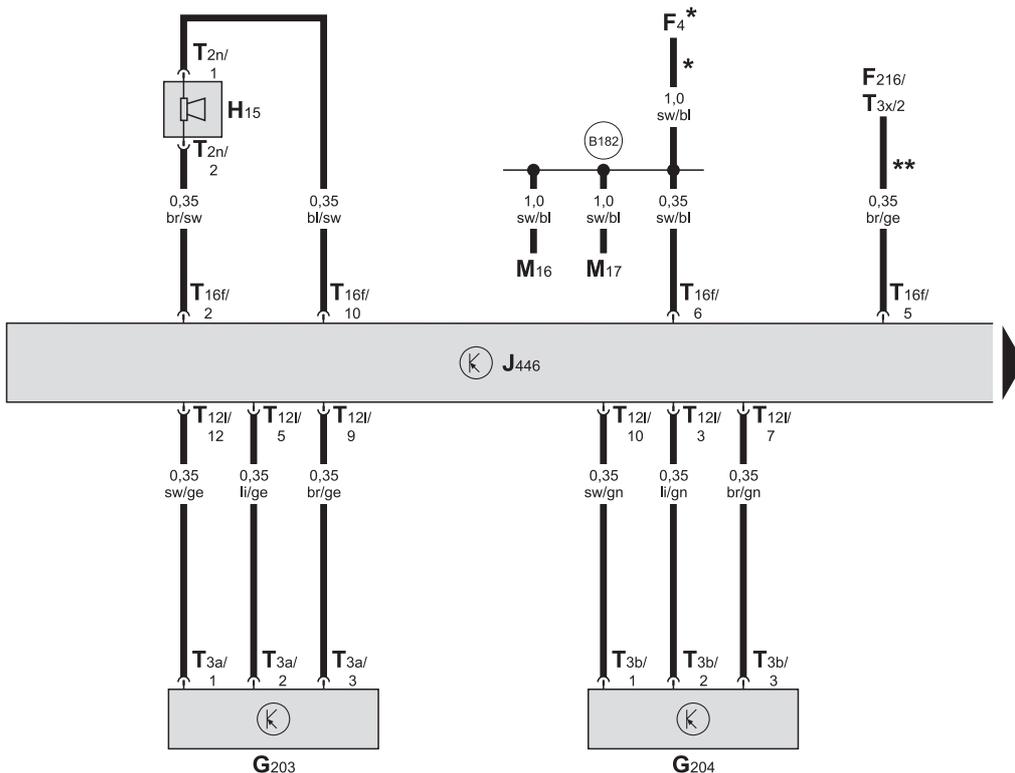
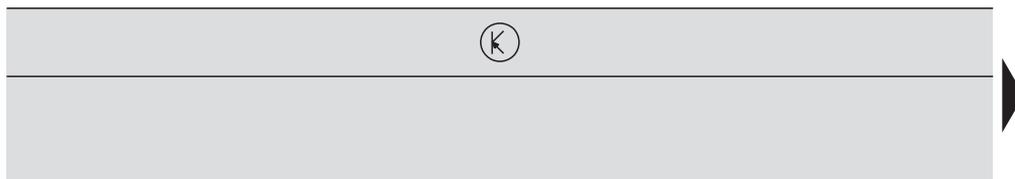
**Fuse colours**

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

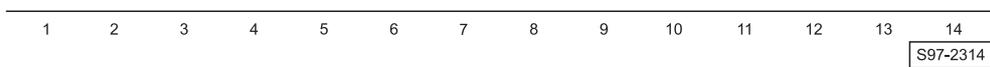


**Parking aid, from August 2002**

Parking aid



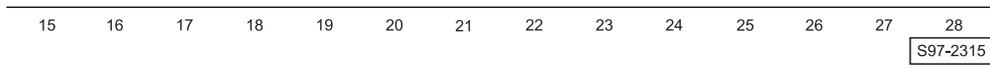
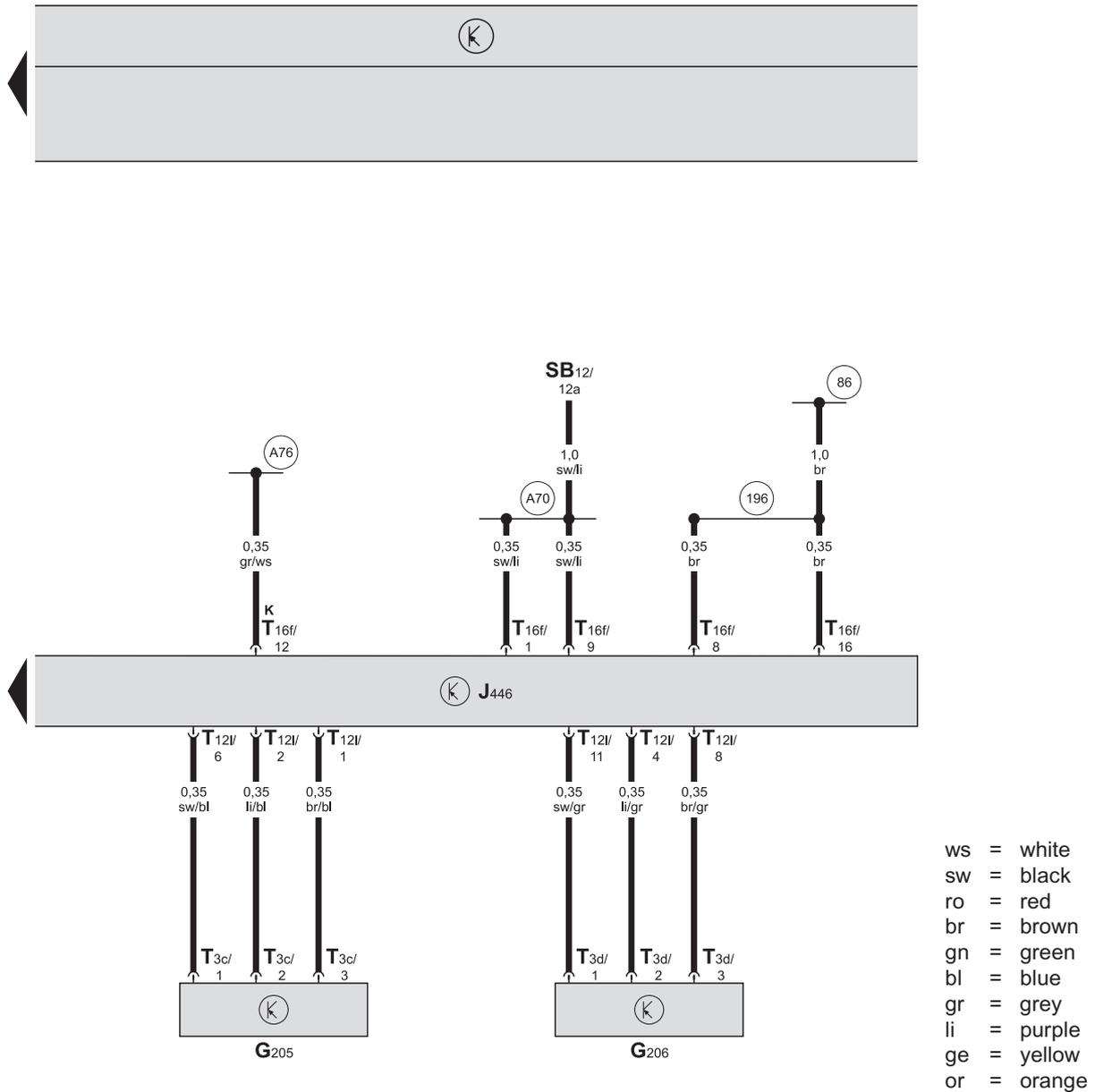
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange



- F4 - Reversing light switch
- F216 - Rear fog light cutout, contact switch, in socket for trailer coupling
- G203 - Rear left parking aid sender
- G204 - Rear left, centre, parking aid sender
- H15 - Warning buzzer for rear parking aid
- J446 - Control unit for parking aid
- M16 - Reversing light bulb left
- M17 - Reversing light bulb right
- T2n - Connector, 2-pin, at parking aid warning buzzer
- T3a - Connector, 3-pin, at parking aid sender, rear left
- T3b - Connector, 3-pin, at parking aid sender, rear left, middle
- T3x - 3-pin connector, at rear fog light cutout contact switch
- T12l - Connector, 12-pin, at parking aid control unit
- T16f - Connector, 16-pin, at parking aid control unit

- (B182) - Connection (RF), in interior wiring loom
- \* - Does not apply to models with automatic gearbox
- \*\* - applies only to models with trailer coupling

Parking aid



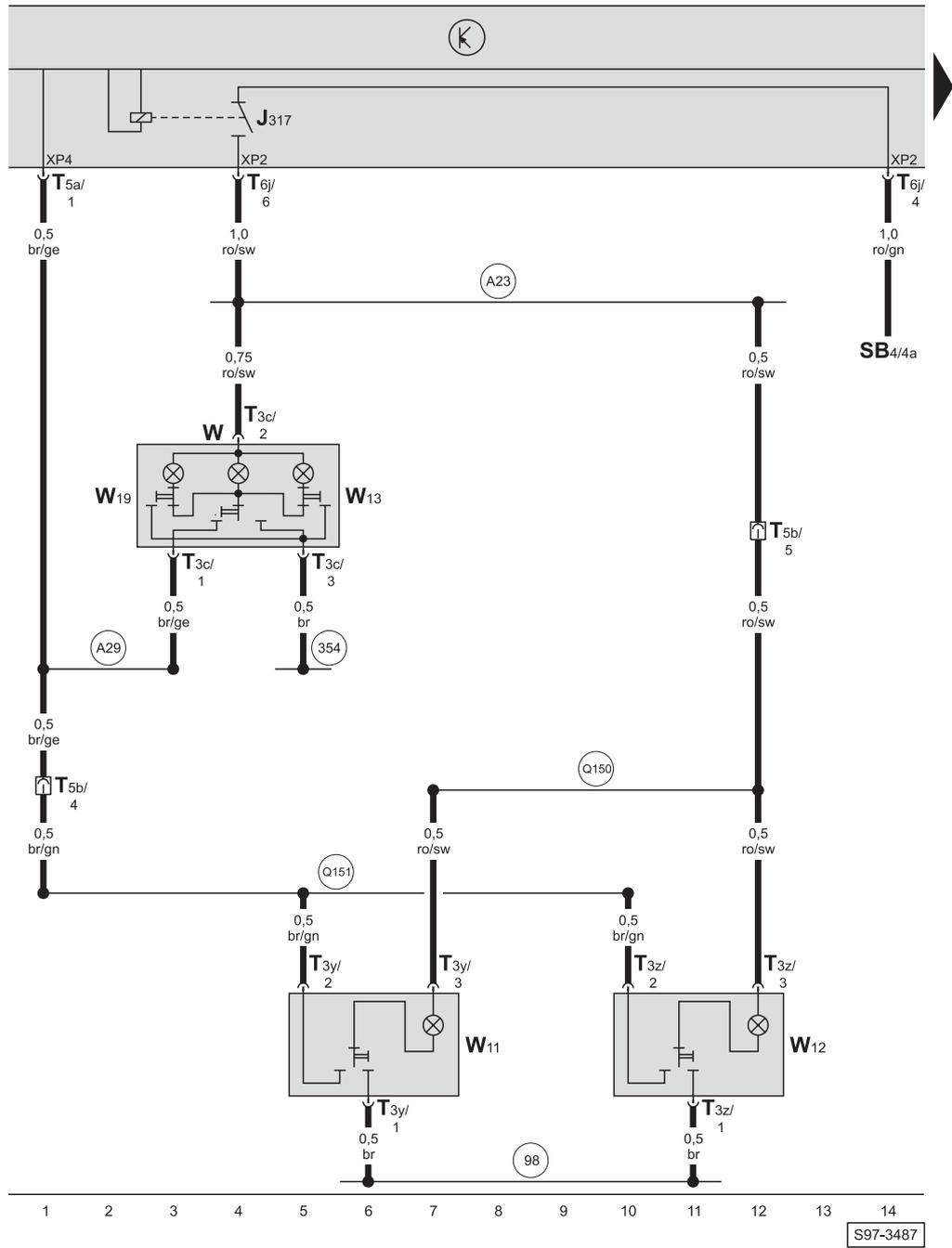
- G205 - Rear right, centre, parking aid sender
- G206 - Rear right parking aid sender
- J446 - Control unit for parking aid
- SB12 - Fuse, in fuse holder
- T3c - Connector, 3-pin, at parking aid sender, rear right, middle
- T3d - Connector, 3-pin, at parking aid sender, rear right
- T12l - Connector, 12-pin, at parking aid control unit
- T16f - Connector, 16-pin, at parking aid control unit

- (86) - Earth connection -1-, in rear interior wiring loom
- (196) - Earth connection -3-, in rear interior wiring loom
- (A70) - Positive connection (15a), in wiring loom behind dash panel
- (A76) - Connection (K diagnosis wire), in wiring loom behind dash panel on left



**Rear reading lights, from August 2002**

Rear reading lights (does not apply to Notchback models)



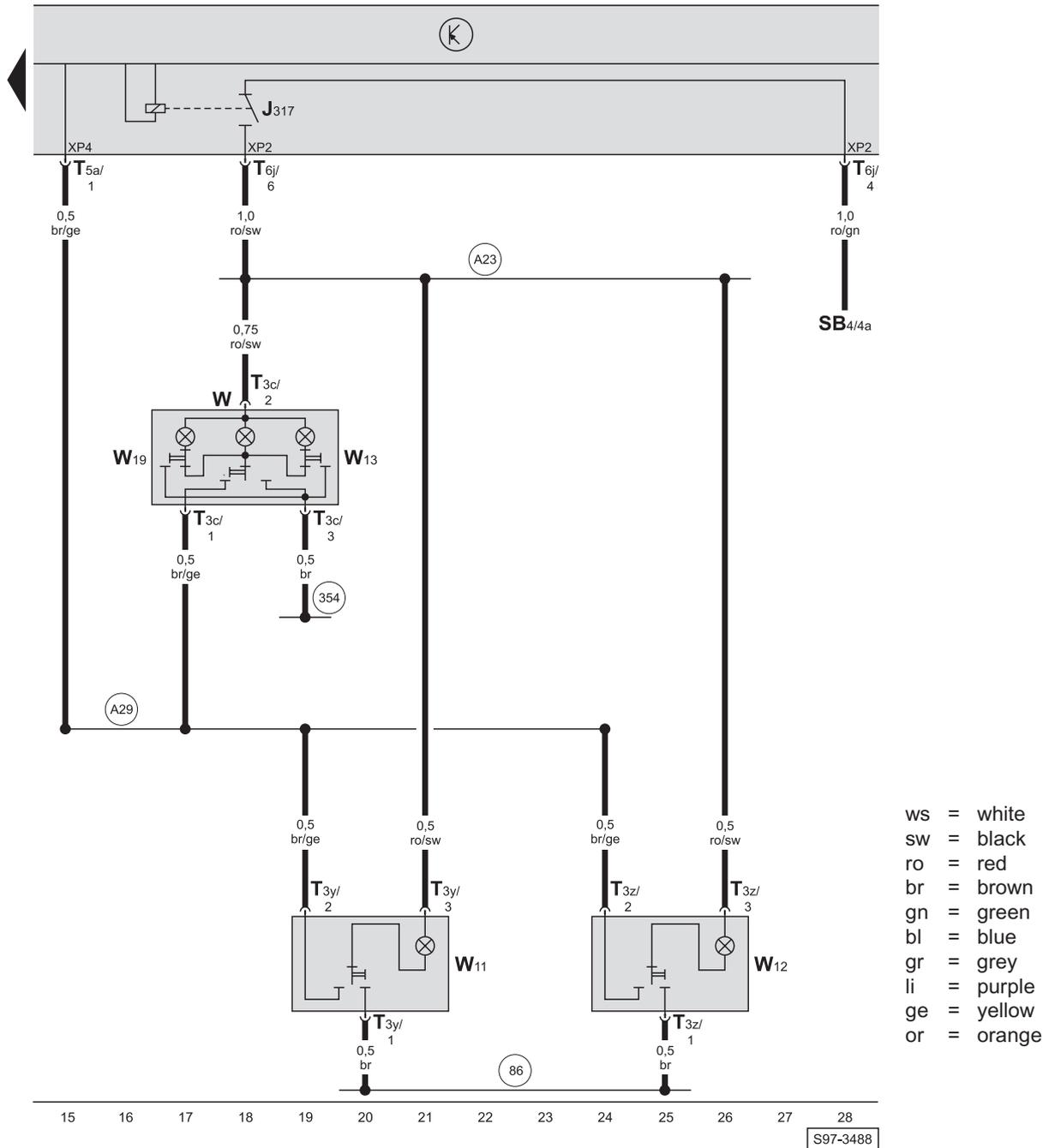
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange

- J317 - Terminal 30 voltage supply relay
- SB4 - Fuse, in fuse holder
- T3c - 3-pin connector, at front interior light bulb
- T3y - Plug connection, 3-pin, at left rear reading light
- T3z - Plug connection, 3-pin, at right rear reading light
- T5a - 5-pin connector, at electrical system control unit (black)
- T5b - 5-pin connector, at left C pillar (brown)
- T6j - 6-pin connector, at electrical system control unit (brown)
- W - Interior light, front
- W11 - Reading light, rear left
- W12 - Reading light, rear right
- W13 - Front passenger's reading light
- W19 - Driver-side reading light

- 98 - Earth connection, in engine compartment wiring harness
- 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
- Q150 - Connection (30a), in boot lid/tailgate wiring loom
- Q151 - Connection (interior light 31), in boot lid/tailgate wiring loom

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Rear reading lights (applies only to Notchback models)



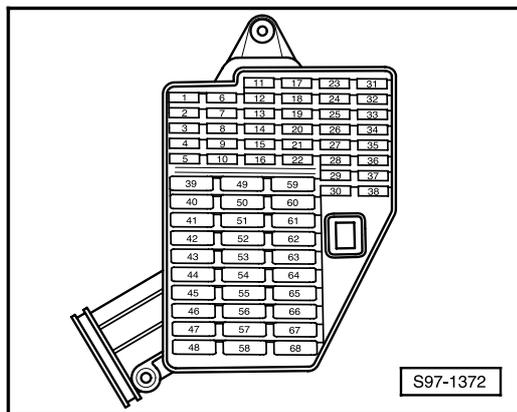
- J317 - Terminal 30 voltage supply relay
- SB4 - Fuse, in fuse holder
- T3c - 3-pin connector, at front interior light bulb
- T3y - Plug connection, 3-pin, at left rear reading light
- T3z - Plug connection, 3-pin, at right rear reading light
- T5a - 5-pin connector, at electrical system control unit (black)
- T6j - 6-pin connector, at electrical system control unit (brown)
- W - Interior light, front
- W11 - Reading light, rear left
- W12 - Reading light, rear right
- W13 - Front passenger's reading light
- W19 - Driver-side reading light

- 86 - Earth connection -1-, in rear interior wiring loom
- 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



## Headlight range control for vehicles Junior and Classic, from August 2002

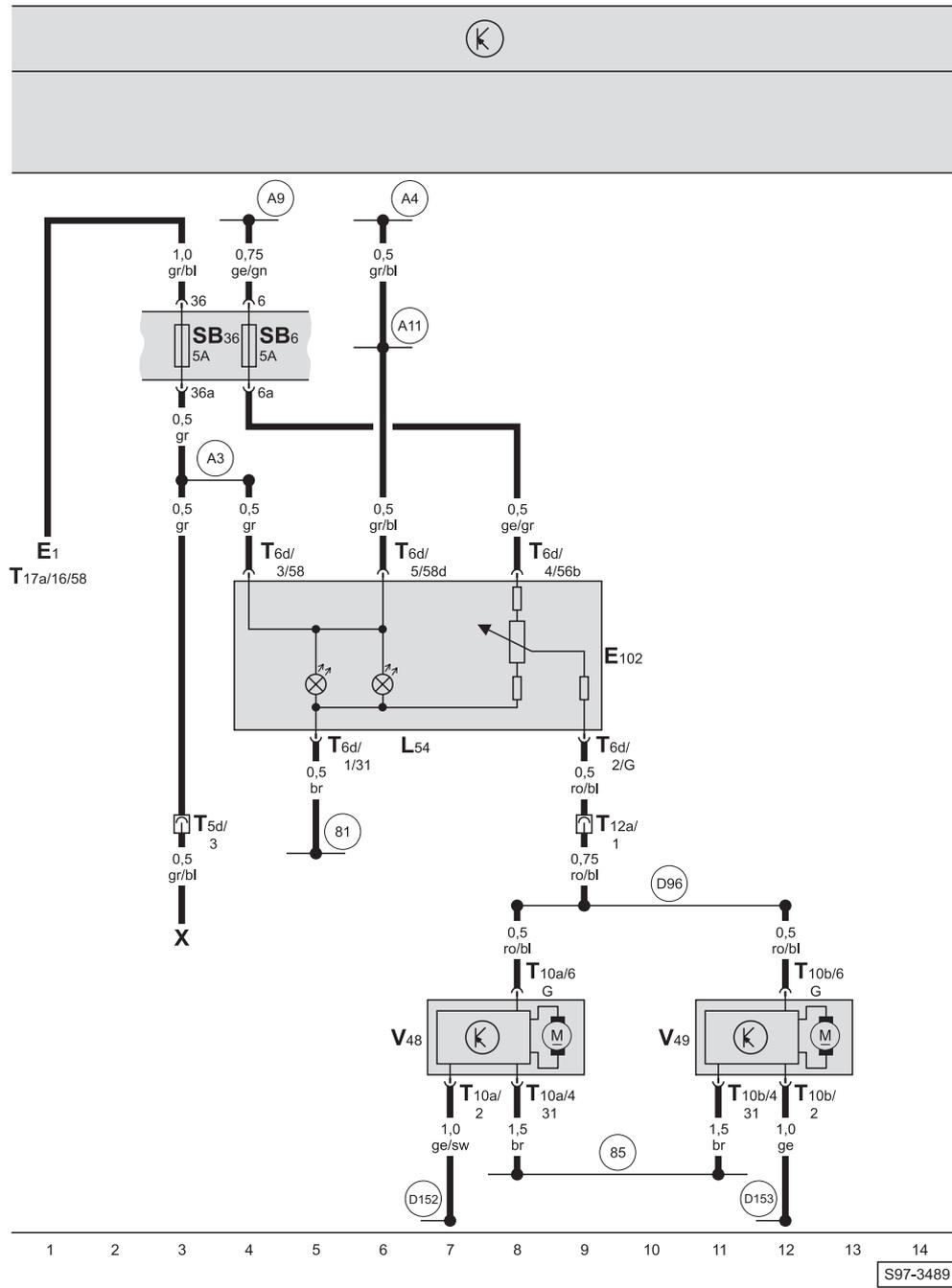
Fuse holder:



### Fuse colours

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

Headlight beam control adjuster, headlight beam control, fuse holder (does not apply to models fitted with gas discharge bulbs)



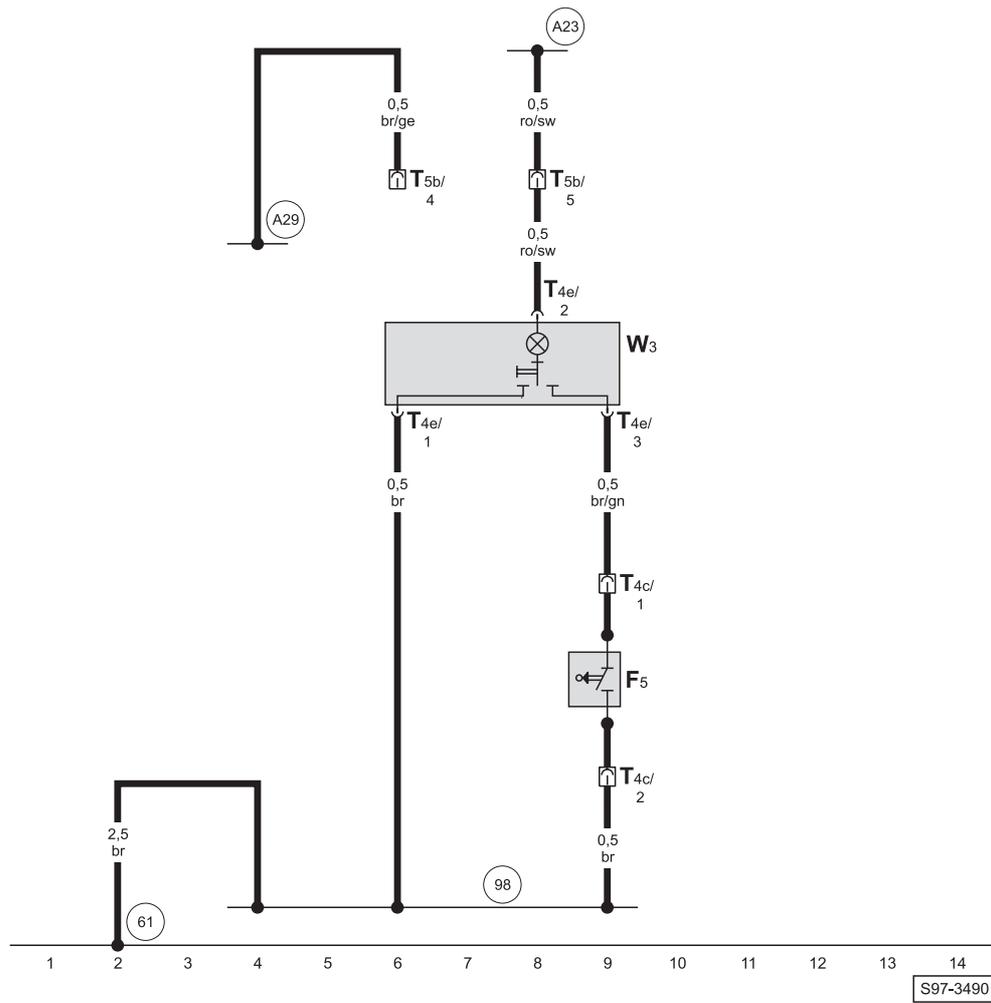
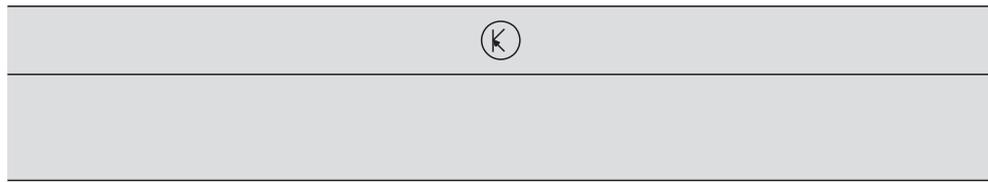
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange

- E1 - Light switch
- E102 - Headlight range control adjuster
- L54 - Headlight range control regulator illumination
- T5d - 5-pin connector, at left C pillar (pink)
- 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)
- T17a - 17-pin connector, at light switch
- V48 - Headlight range control motor, left
- V49 - Headlight range control motor, right
- X - Number plate light

- 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

**Luggage compartment light - Praktik, from August 2002**

Luggage compartment light - Praktik

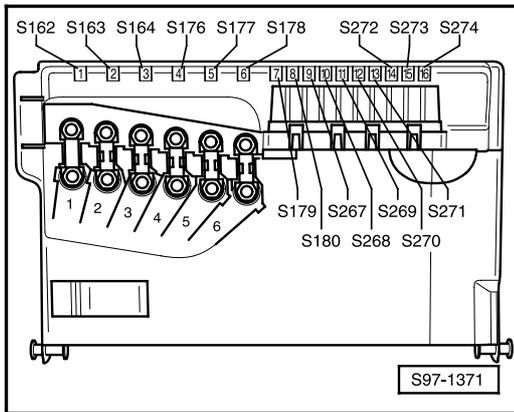


- F5 - Luggage compartment light switch
- T4c - 4-pin connector, at boot/tailgate lock
- T4e - 4-pin connector at the luggage compartment lighting
- T5b - 5-pin connector, at left C pillar (brown)
- W3 - Luggage compartment light

- 61 - Earth point, C-pillar left
- 98 - Earth connection, in engine compartment wiring harness
- A23 - Positive connection (30a), in wiring loom behind dash panel
- A29 - Connection (interior light 31), in wiring loom behind dash panel

**Windscreen wiper motor for 1.4 I/50 kW with Cruise control system without ABS, from August 2002**

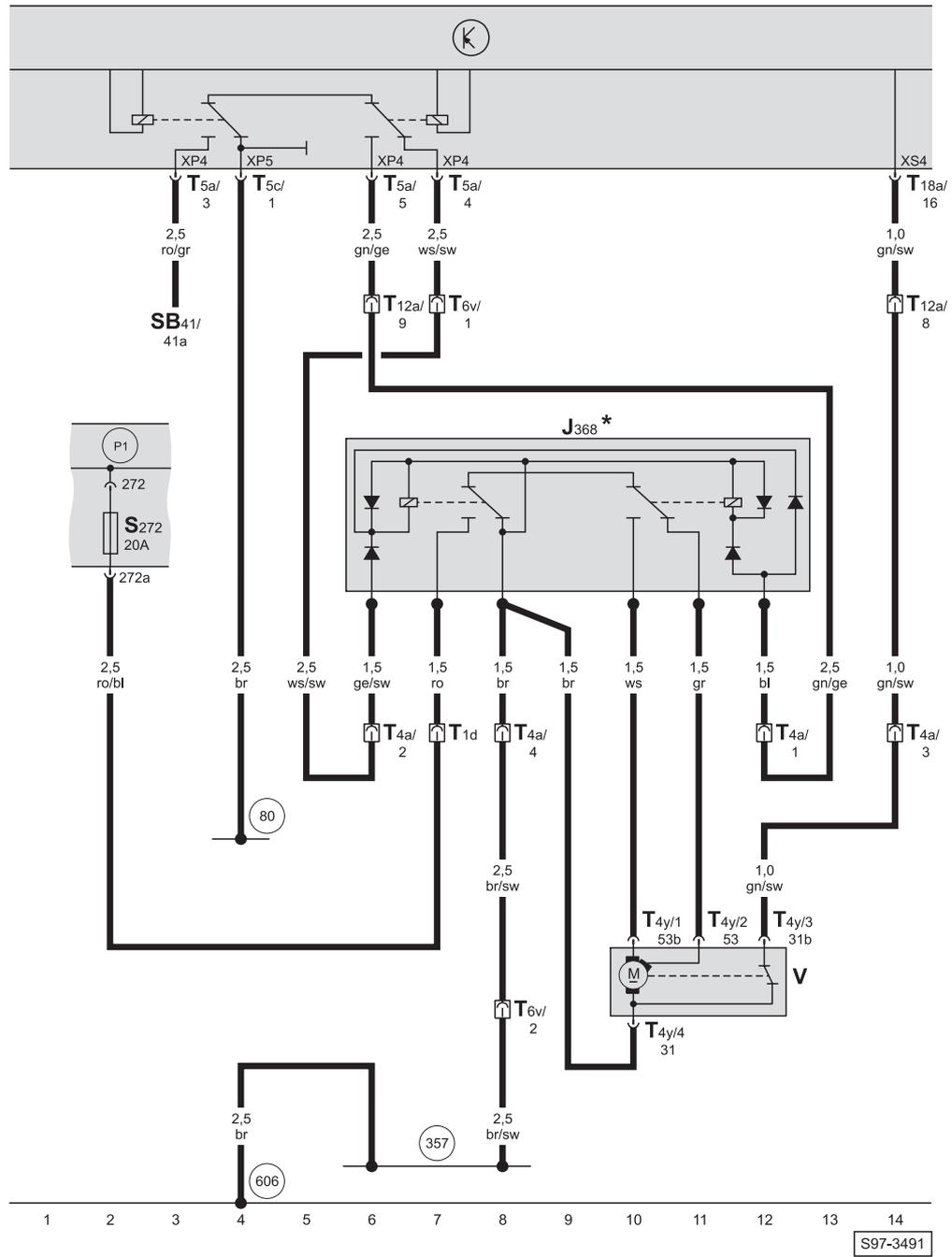
Fuse holder on battery:



**Fuse colours**

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

Windscreen wiper motor, windscreen wiper motor changeover relay, fuse holder on battery



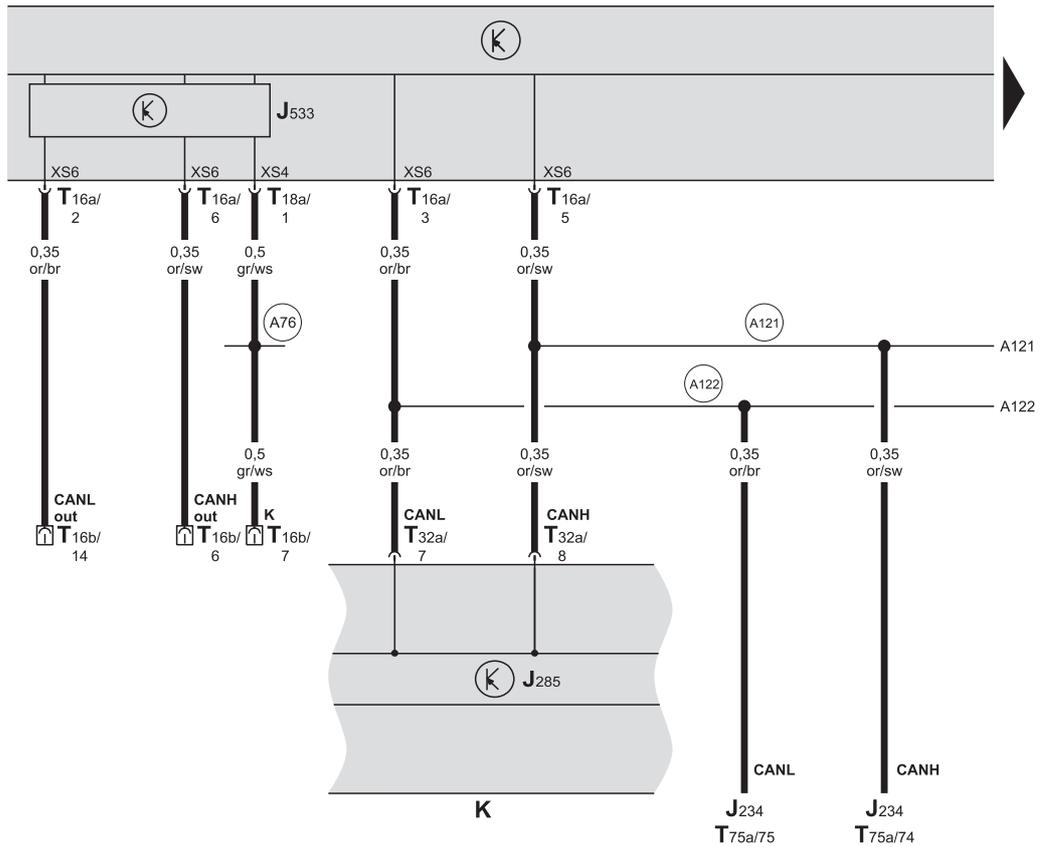
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange

- J368 - Windscreen wiper motor changeover relay
- S272 - Fuse -14- (30), in fuse holder on battery
- SB41 - Fuse, in fuse holder
- T1d - Connector, 1-pin, at windscreen wiper motor changeover relay
- T4a - Connector, 4-pin, at windscreen wiper motor changeover relay
- T4y - Connector, 4-pin, at windscreen wiper motor
- T5a - 5-pin connector, at electrical system control unit (black)
- T5c - 5-pin connector, at electrical system control unit (brown)
- T6v - 6-pin connector, at left of bulkhead (green)
- T12a - 12-pin connector, at left of bulkhead (white)
- T18a - 18-pin connector, at electrical system control unit (brown)
- V - Windscreen wiper motor

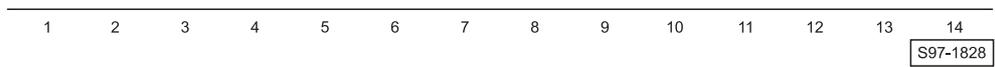
- (80) - Earth connection, in wiring harness behind dash panel
- (357) - Earth connection, in wiring harness behind dash panel
- (606) - Earth point, under the centre console, near gear stick
- (P1) - Positive connection (30), in fuse holder on battery
- \* - close to windscreen wiper motor

**CAN databus networking - Drive, from August 2002**

Dash panel insert, control unit in dash panel insert, databus diagnostic interface, plug connection for diagnostic socket, connection for airbag control unit



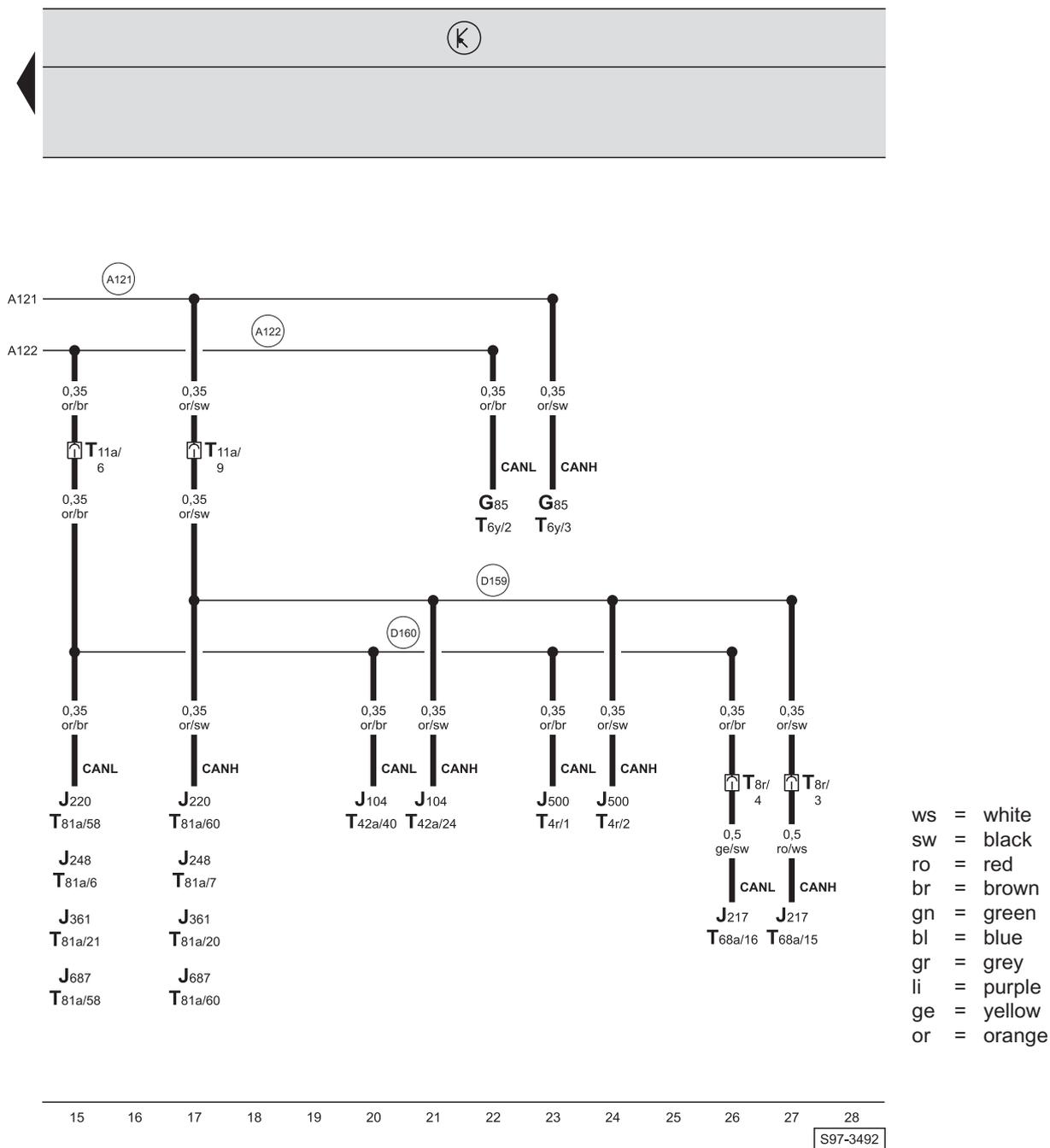
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange



- J234 - Airbag control unit
- J285 - Control unit in dash panel insert
- J533 - Databus diagnostic interface
- K - Dash panel insert
- 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)
- T32a - 32-pin connector, at dash panel insert
- T75a - 75-pin connector, at airbag 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

Connection for: ABS/ABS with EDL and TCS/ESP control unit, automatic gearbox control unit, power-assisted steering control unit, control units for engines, steering angle sender



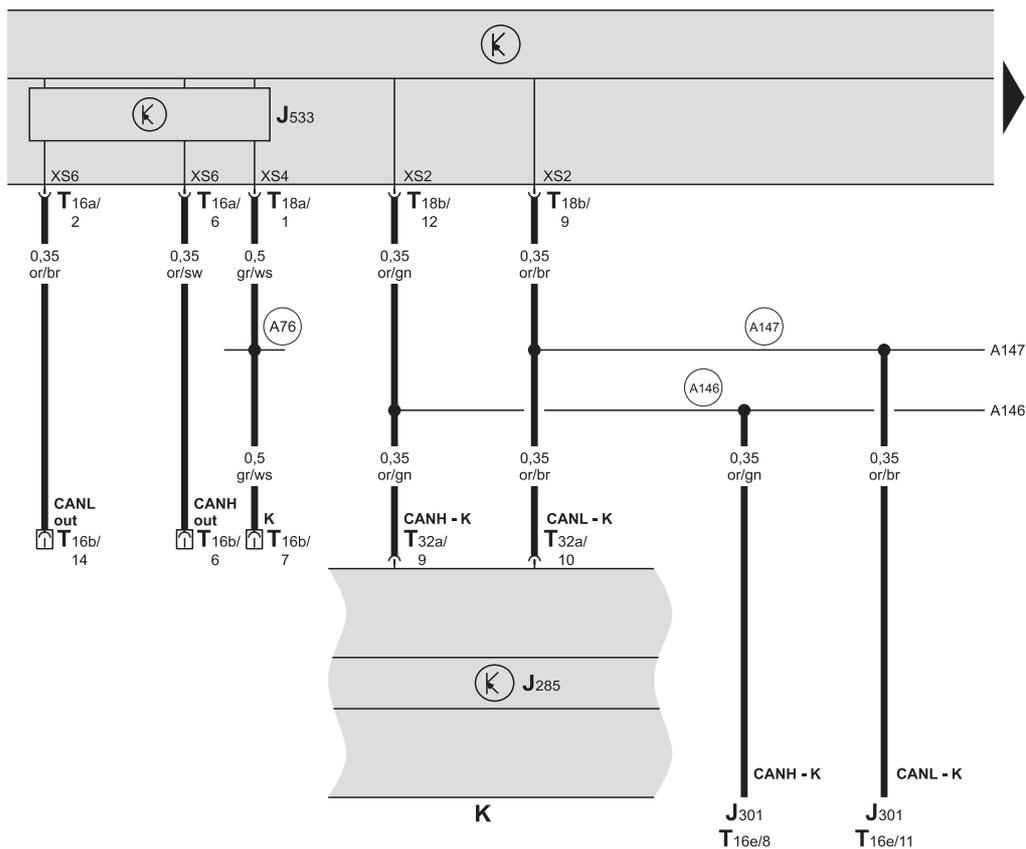
- G85 - Steering angle sender
- J104 - ABS/ABS with EDL and TCS/ESP control unit
- J217 - Automatic gearbox control unit
- J220 - Motronic control unit
- J248 - Diesel direct injection system control unit
- J361 - Simos control unit
- J500 - Power-assisted steering control unit
- J687 - 4MV control unit
- T4r - Plug connection, 4-pin, at power-assisted steering control unit
- T6y - Connector, 6-pin, at steering angle sender
- T8r - Plug connection, 8-pin, at automatic gearbox (connection to wiring loom in engine compartment)
- T11a - 11-pin connector, at left of bulkhead (white)
- T42a - Connector, 42-pin, at ABS/ABS with EDL and TCS/ESP control unit
- T68a - 68-pin connector, at automatic gearbox 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

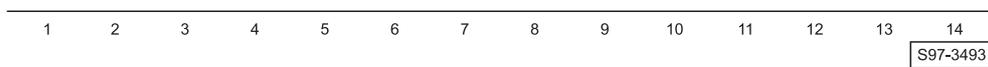


**CAN-Bus Networking - Convenience, from August 2002**

Dash panel insert, Control unit in dash panel insert, Data bus diagnostic interface, Connector for diagnostic connection, Connection for air conditioning system control unit



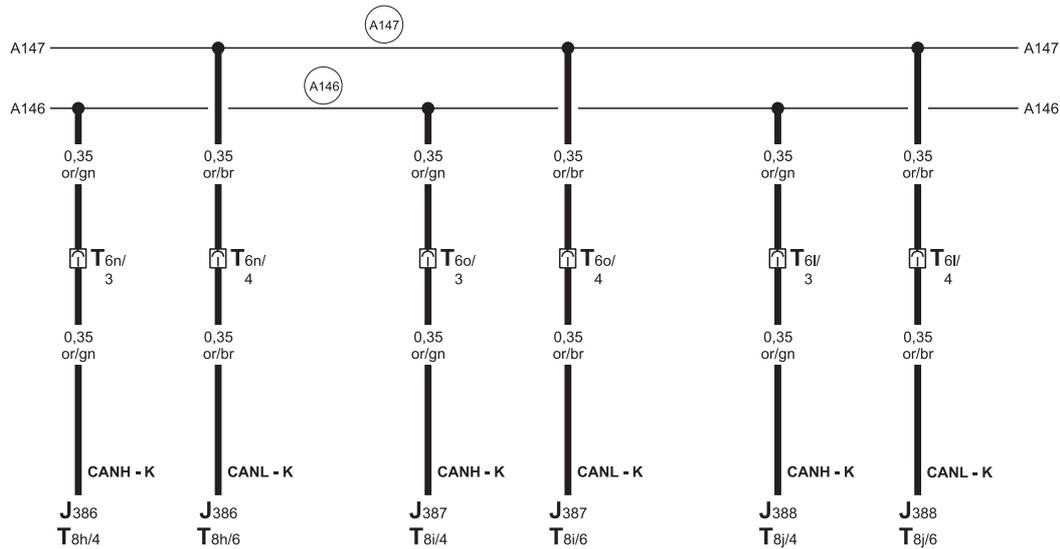
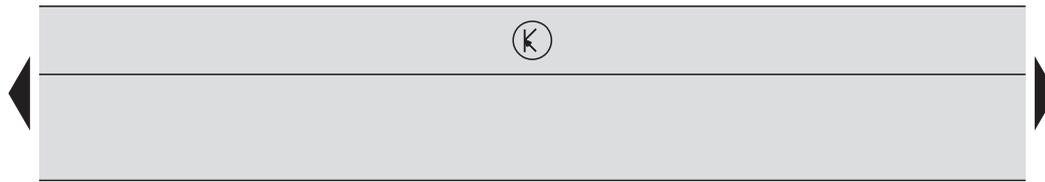
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange



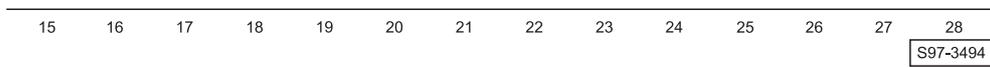
- J285 - Control unit in dash panel insert
- J301 - AC control unit
- J533 - Databus diagnostic interface
- K - Dash panel insert
- T16a - 16-pin connector, at electrical system control unit (black)
- T16b - 16-pin connector, in glove box on driver's side (diagnosis connection)
- T16e - 16-pin connector, at AC control unit
- T18a - 18-pin connector, at electrical system control unit (brown)
- T18b - 18-pin connector, at electrical system control unit (black)
- T32a - 32-pin connector, at dash panel insert

- (A76) - Connection (K diagnosis wire), in wiring loom behind dash panel on left
- (A146) - Connection (CAN-H, convenience), in wiring loom behind dash panel
- (A147) - Connection (CAN-L, convenience), in wiring loom behind dash panel

Connection for: Driver door control unit, Front passenger door control unit, Rear left door control unit



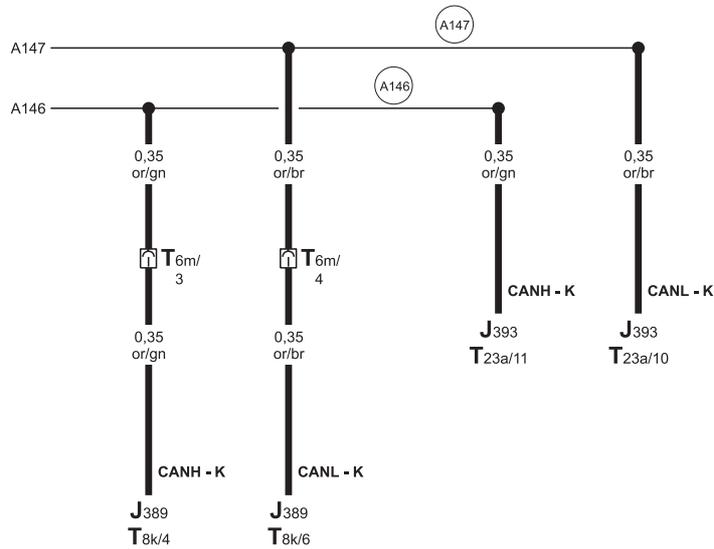
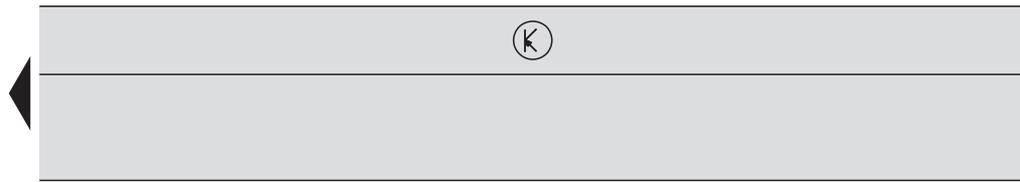
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange



- J386 - Door control unit, driver's side
- J387 - Door control unit, passenger's side
- J388 - Door control unit, rear left
- T6l - 6-pin connector, at left B pillar (blue)
- T6n - Connector, 6-pin, at left A-pillar (blue)
- T6o - 6-pin connector, at right A pillar (blue)
- T8h - Connector, 8-pin, at door control unit, driver side
- T8i - Connector, 8-pin, at door control unit, front passenger side
- T8j - Connector, 8-pin, at rear left door control unit

- A146 - Connection (CAN-H, convenience), in wiring loom behind dash panel
- A147 - Connection (CAN-L, convenience), in wiring loom behind dash panel

Connection for: Rear right door control unit, Convenience system central control unit



- 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

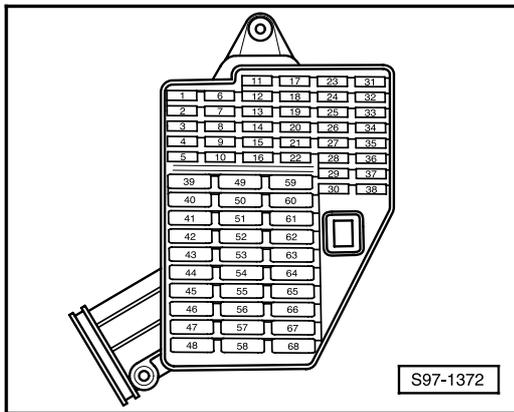
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- J389 - Door control unit, rear right
- J393 - Convenience electrics central control unit
- T6m - 6-pin connector, at right B pillar (blue)
- T8k - Connector, 8-pin, at rear right door control unit
- T23a - 23-pin connector, at convenience electrics central control unit

- (A146) - Connection (CAN-H, convenience), in wiring loom behind dash panel
- (A147) - Connection (CAN-L, convenience), in wiring loom behind dash panel

## 1.2 I - Simos 3 Unit Injection/40 kW, engine code AWY, from November 2002

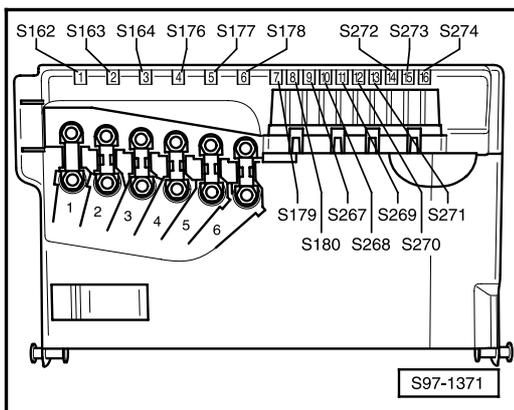
Fuse holder:



Fuse colours

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

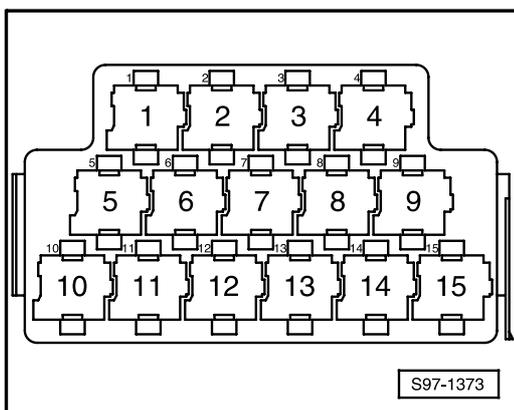
Fuse holder on battery:



Fuse colours

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

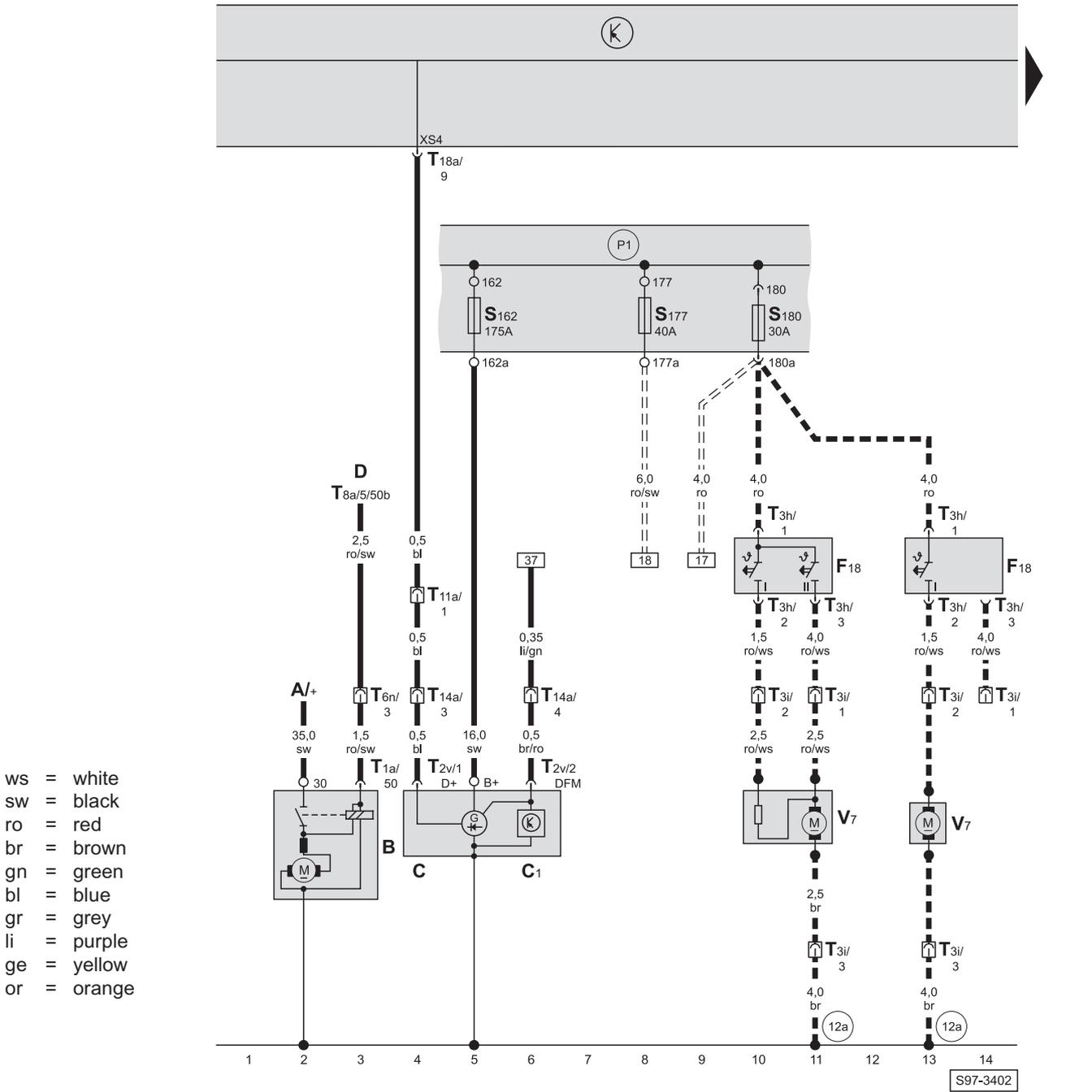
Relay holder:



Relay position assignment

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

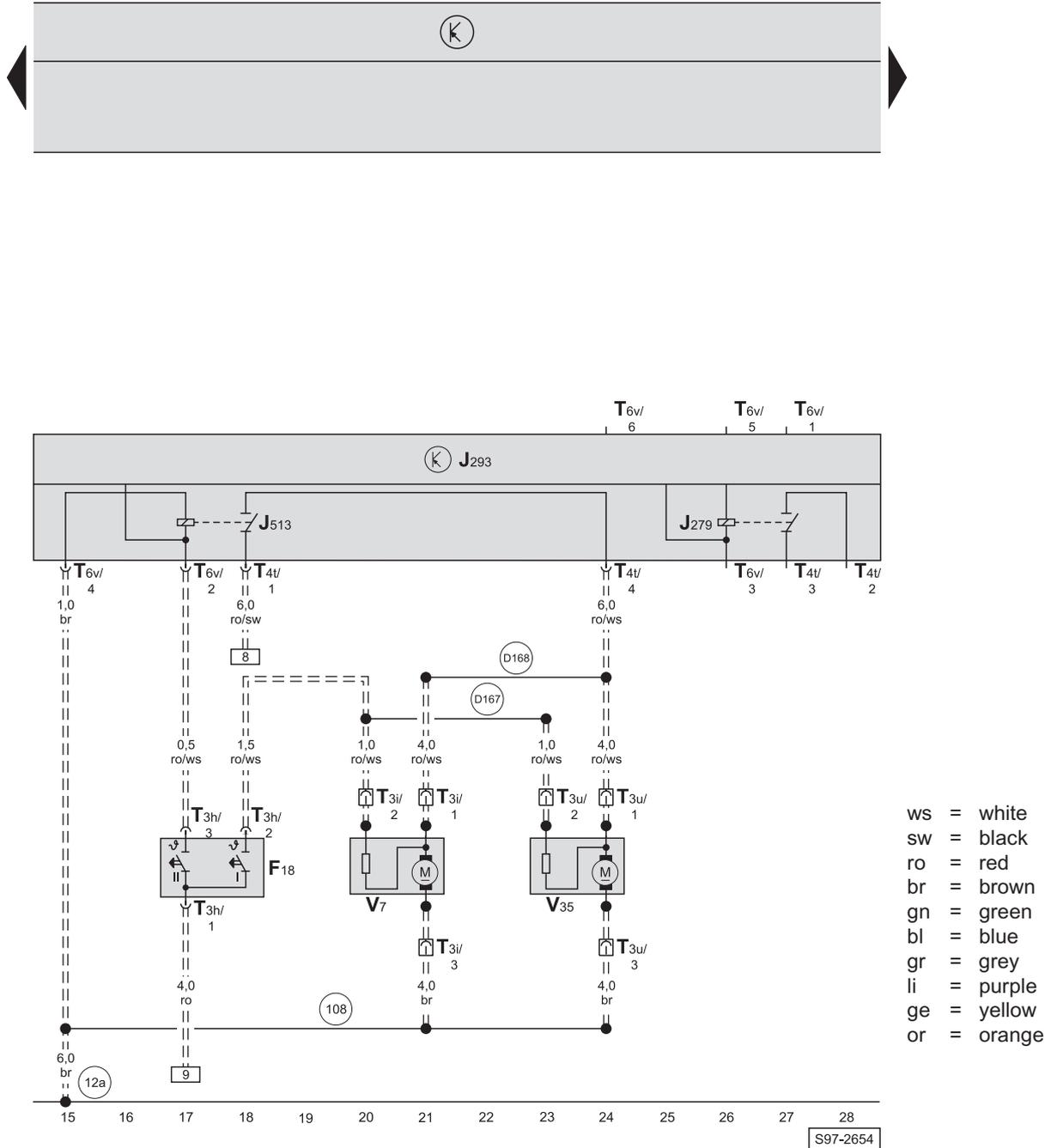
Starter, alternator, fuse holder on battery, radiator fan (models not fitted with trailer coupling)



- 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
- 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
- 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)
- T14a - Connector, 14-pin, in left of engine compartment (connection of the engine pre-assembly wiring loom/ engine compartment wiring loom)
- 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
- - Thermostwitch and radiator fan dependent on optional equipment (does not apply to models fitted with air conditioning or fitted with trailer coupling)
- === - does not apply to models fitted with air conditioning or not fitted with trailer coupling

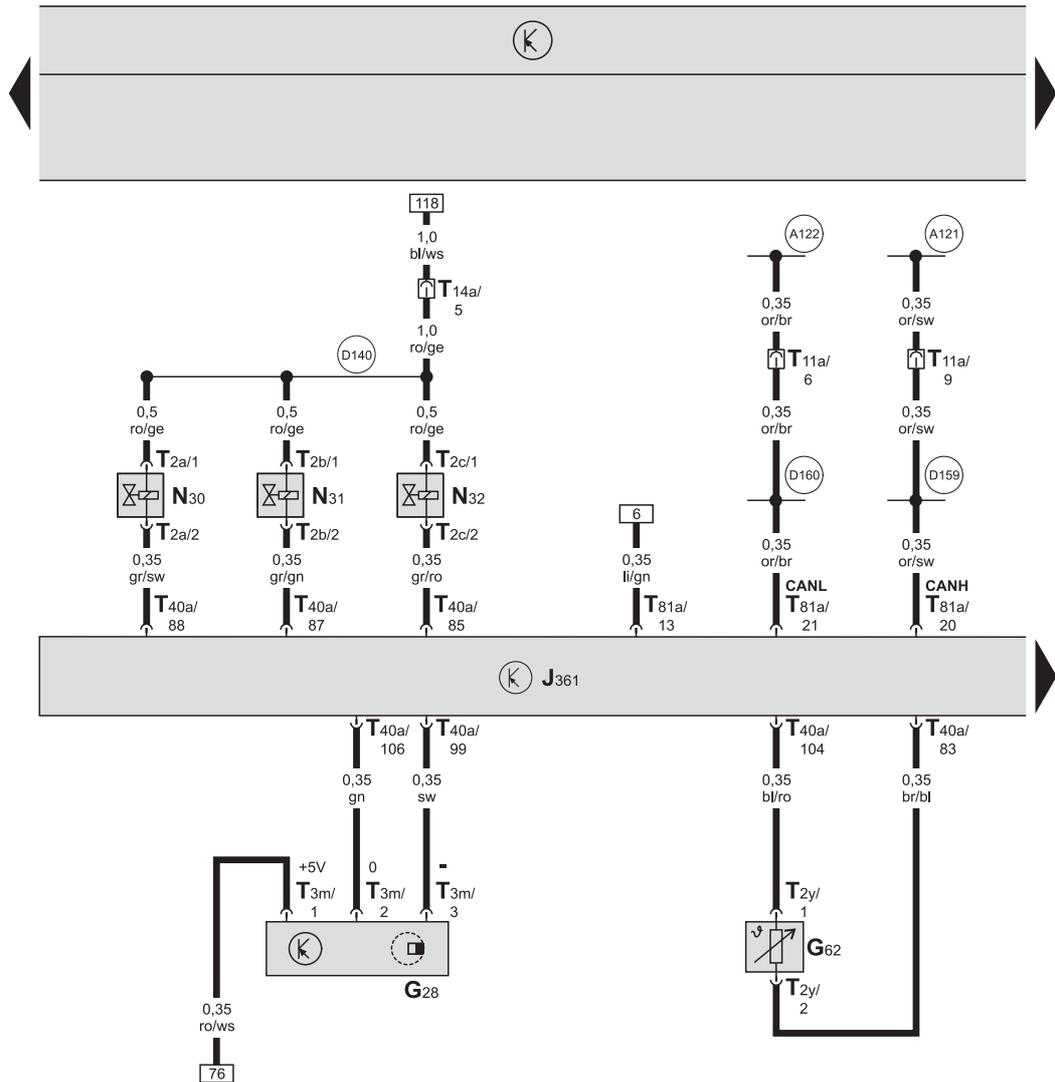
Radiator fan control unit, radiator fan thermostats, radiator fan (models fitted with trailer coupling)



- 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



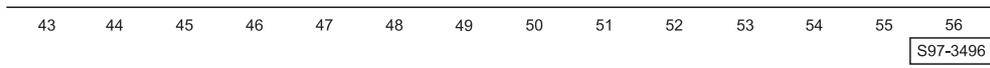
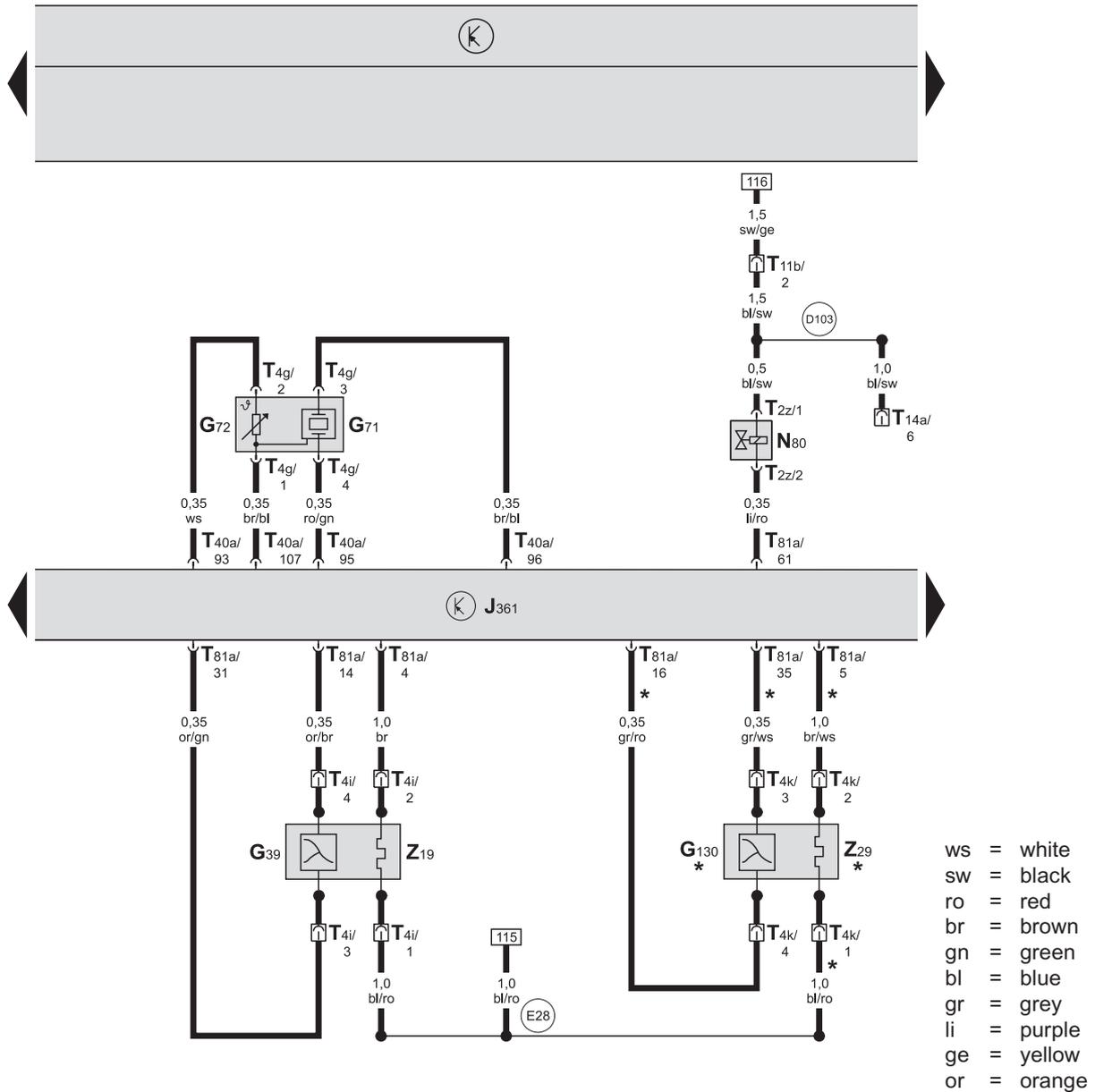
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange

29 30 31 32 33 34 35 36 37 38 39 40 41 42  
S97-3369

- 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

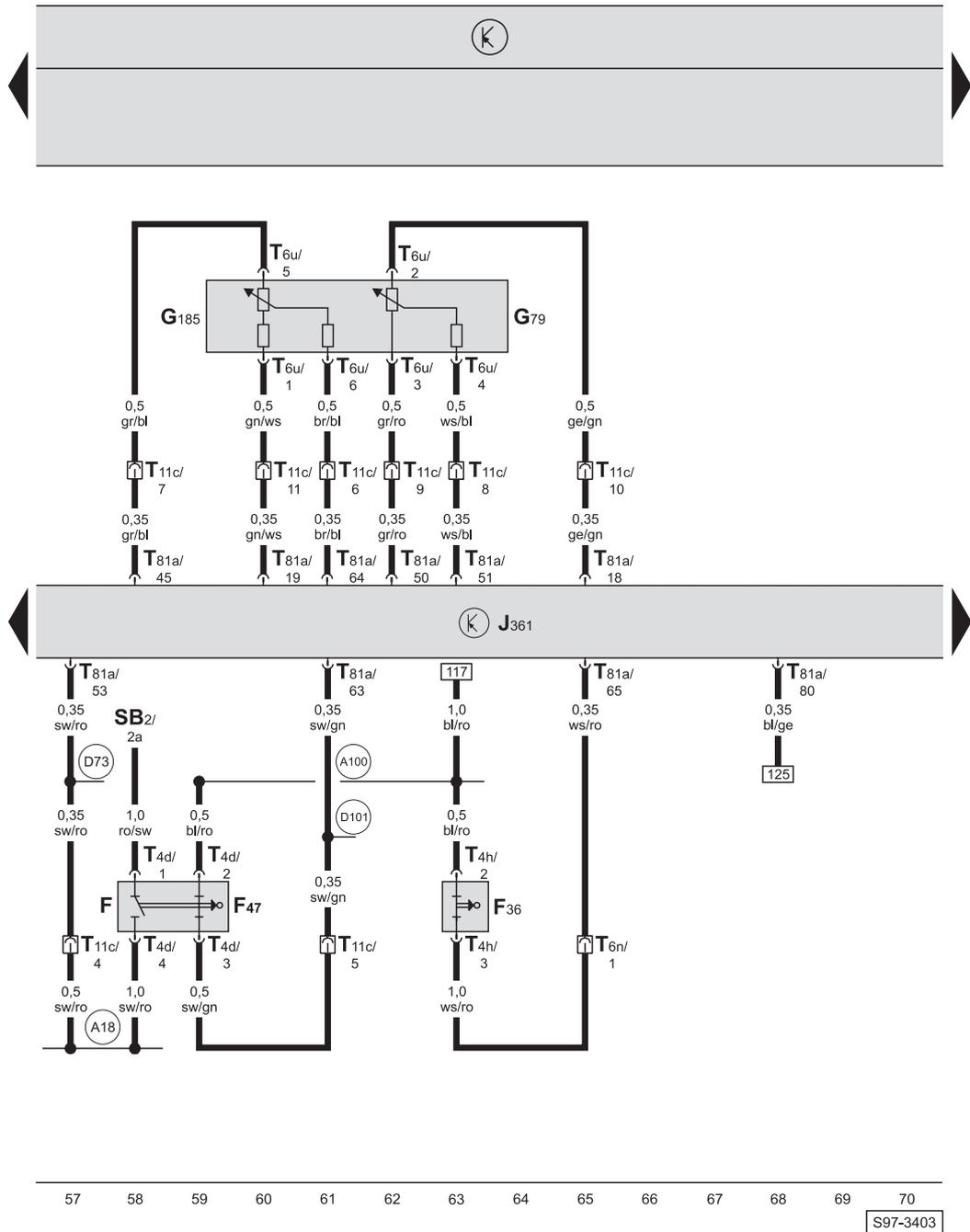
Simos control unit, lambda probe, lambda probe downstream of catalytic converter, intake manifold pressure and intake manifold temperature sender, activated charcoal filter system solenoid valve



- 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
- 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

- (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

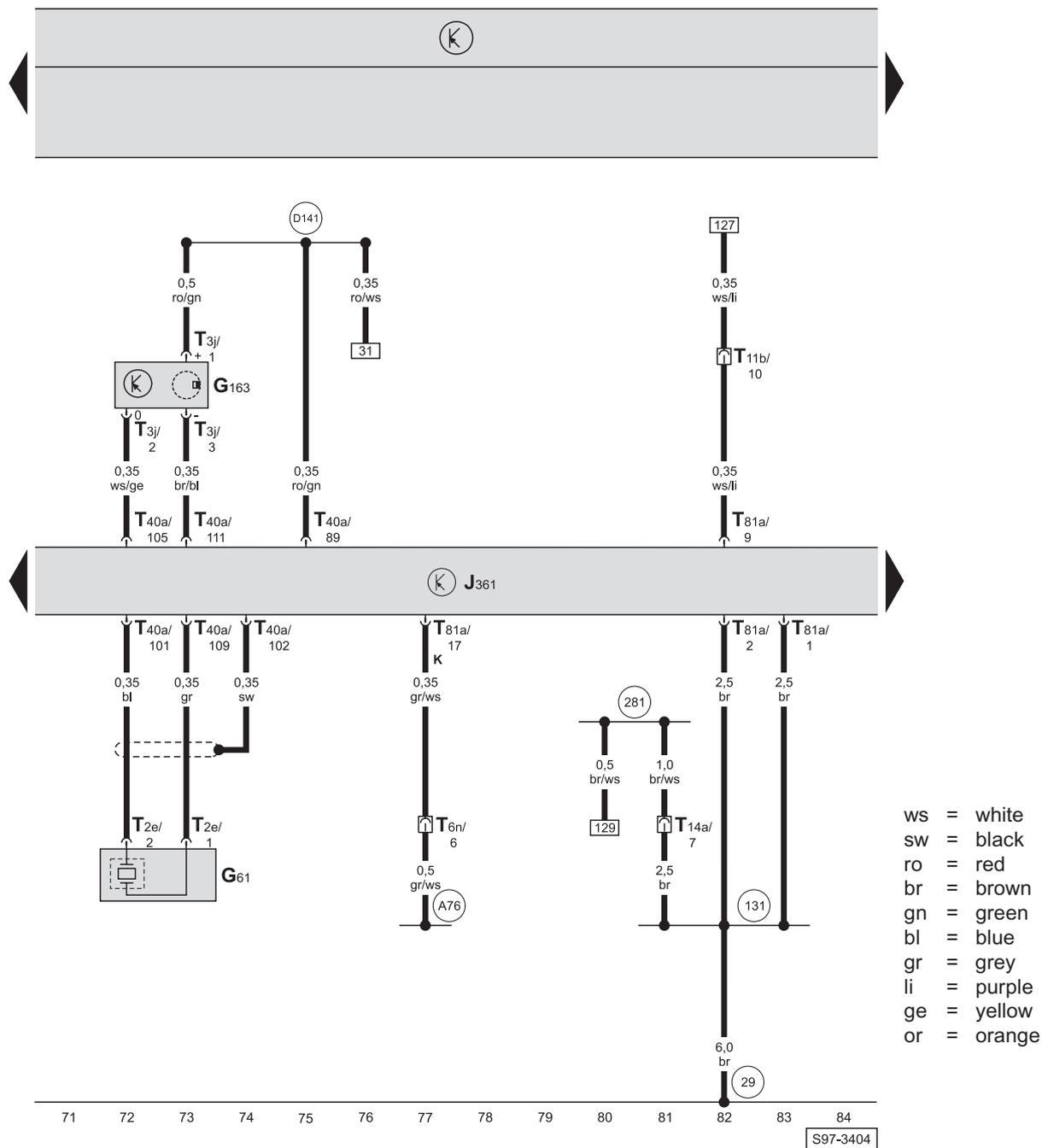
Simos control unit, accelerator pedal position sender, brake pedal switch, clutch pedal switch



- 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

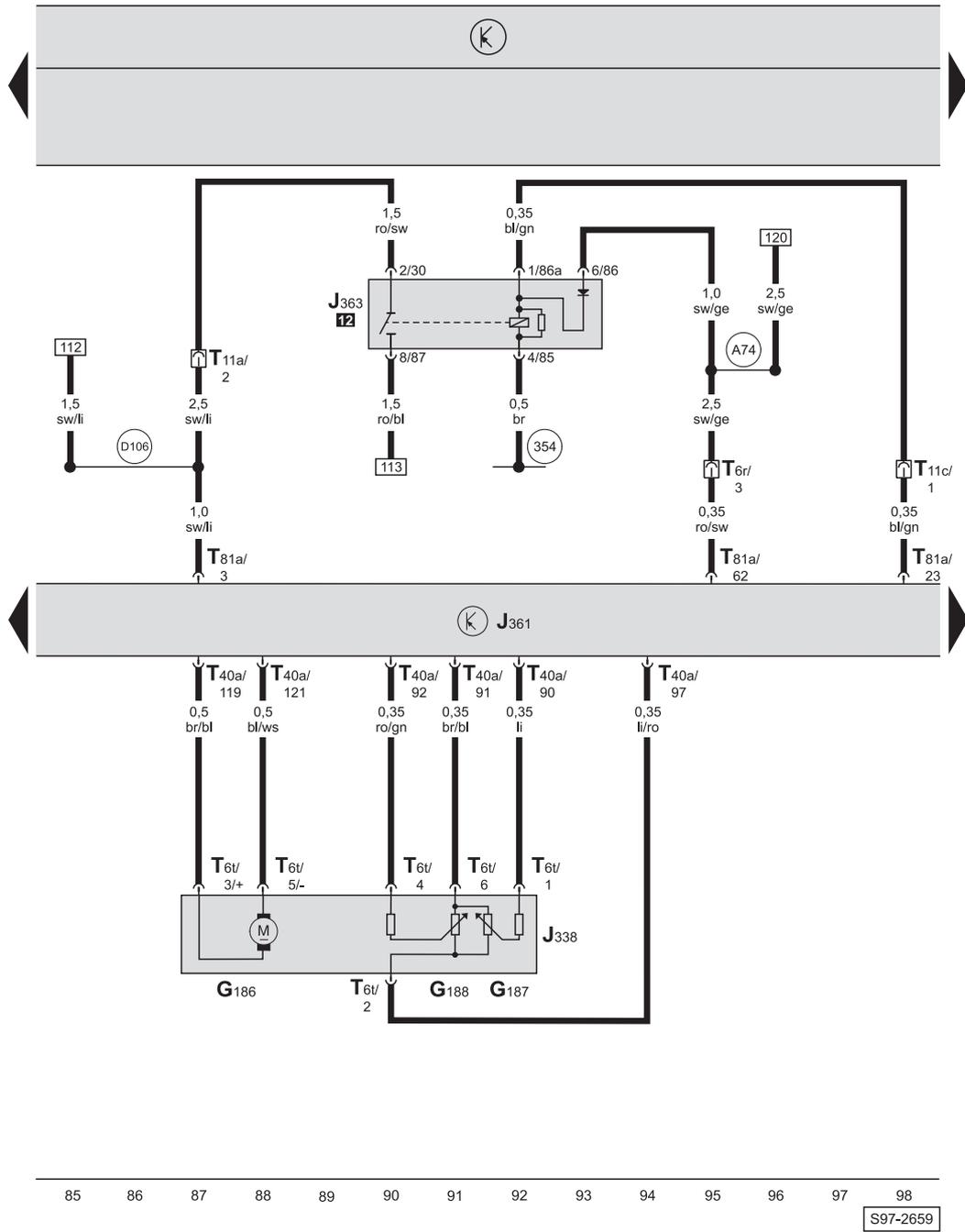
Simos control unit, knock sensor I, camshaft position sender



- G61 - Knock sensor I
- G163 - Camshaft position sender
- J361 - Simos control unit
- 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

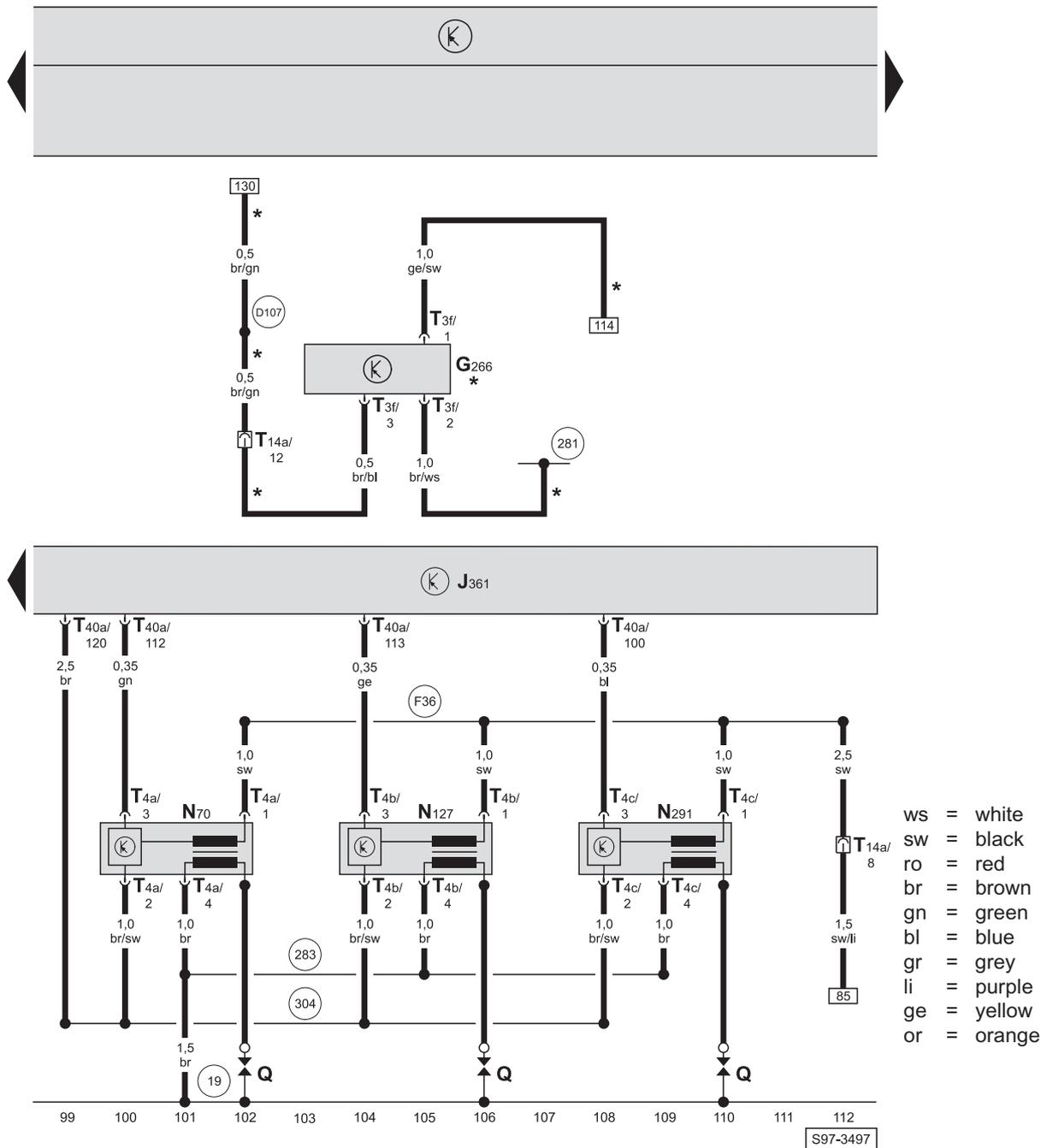


- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange

- 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

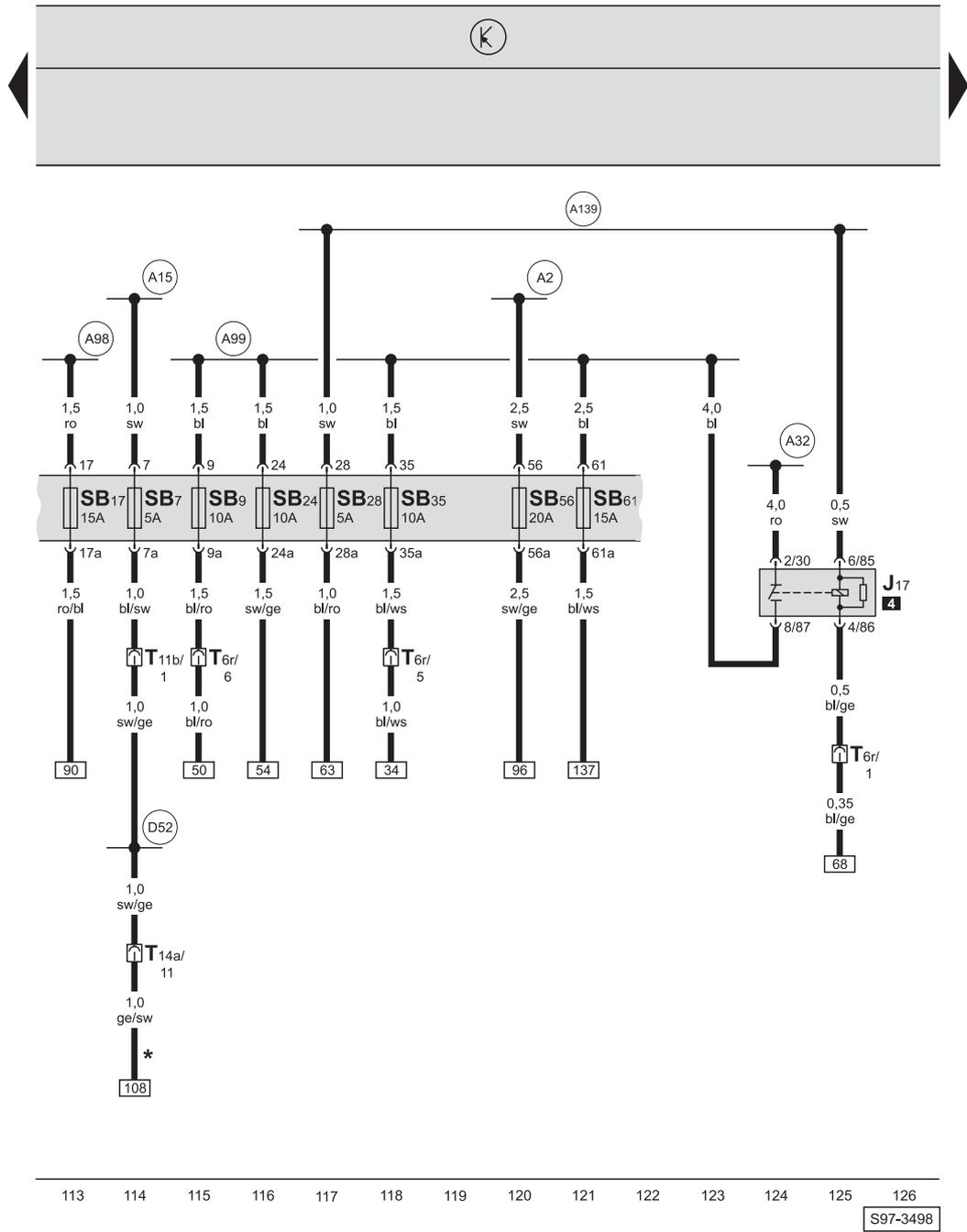
Simos control unit, Oil level/oil temperature sender, Ignition system



- 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



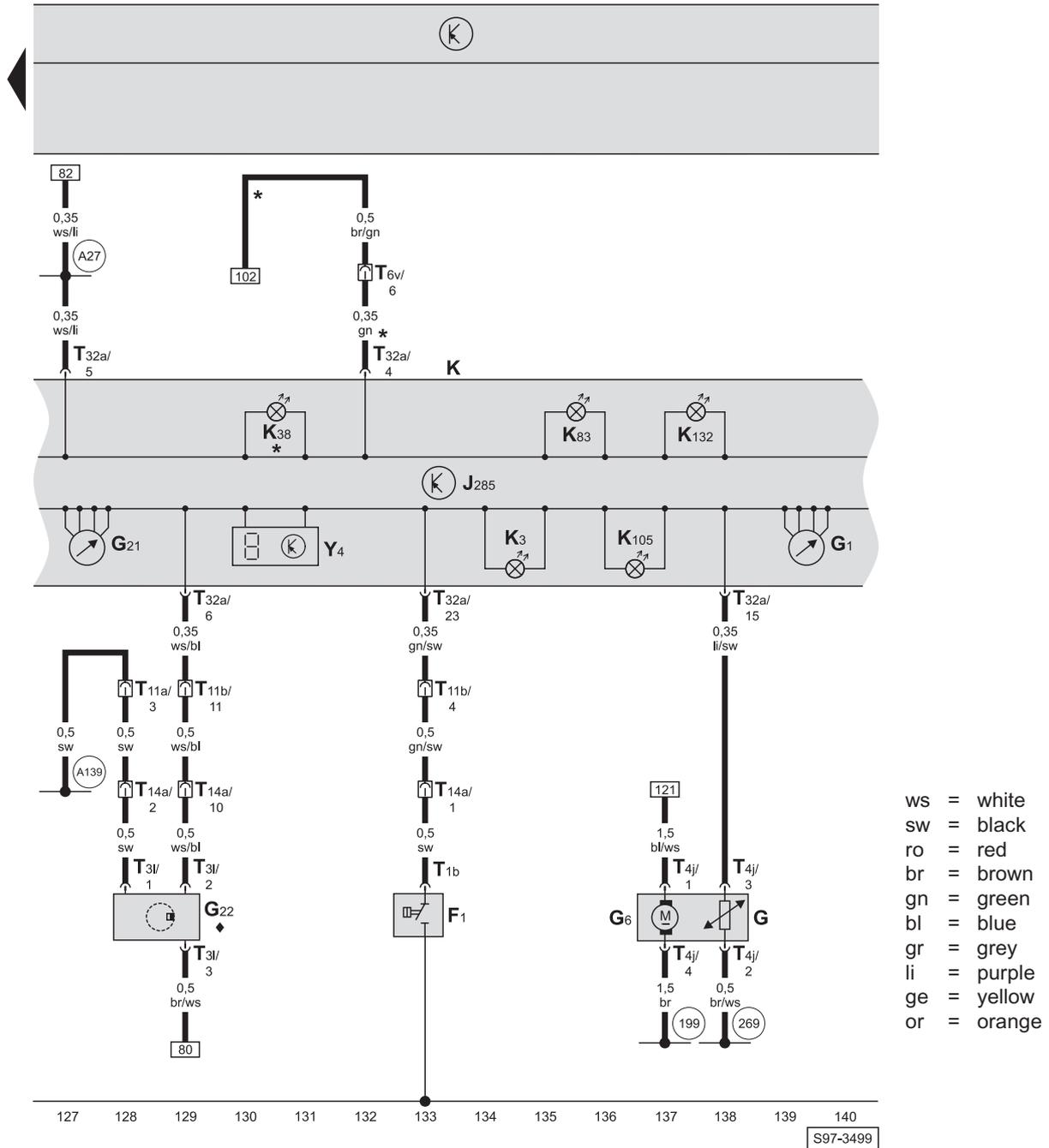
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange

- 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



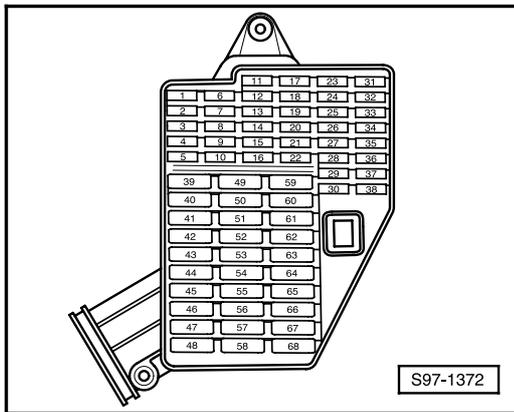
- F1 - Oil pressure switch
- G - Fuel gauge sender
- G1 - Fuel gauge
- G6 - Fuel pump
- G21 - Speedometer
- G22 - Speedometer sender
- J285 - Control unit in dash panel insert
- K - Dash panel insert
- K3 - Oil pressure warning lamp
- K38 - Oil level indicator light
- K83 - Exhaust gas warning lamp
- 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 - Simos 3 PB/44 kW, engine code AZE, from November 2002

1.4 I - Simos 3 PB/50 kW, engine code AME, from November 2002

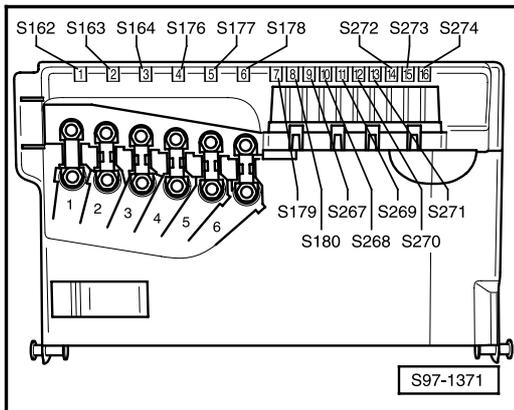
Fuse holder:



Fuse colours

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

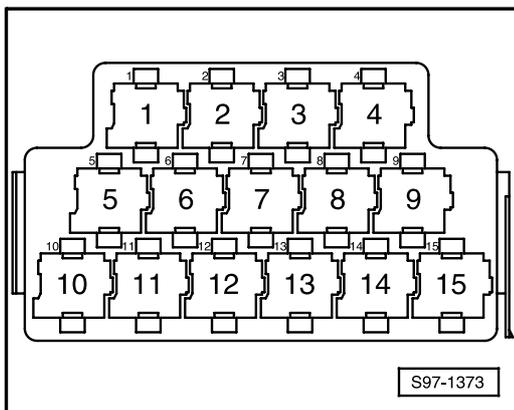
Fuse holder on battery:



Fuse colours

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

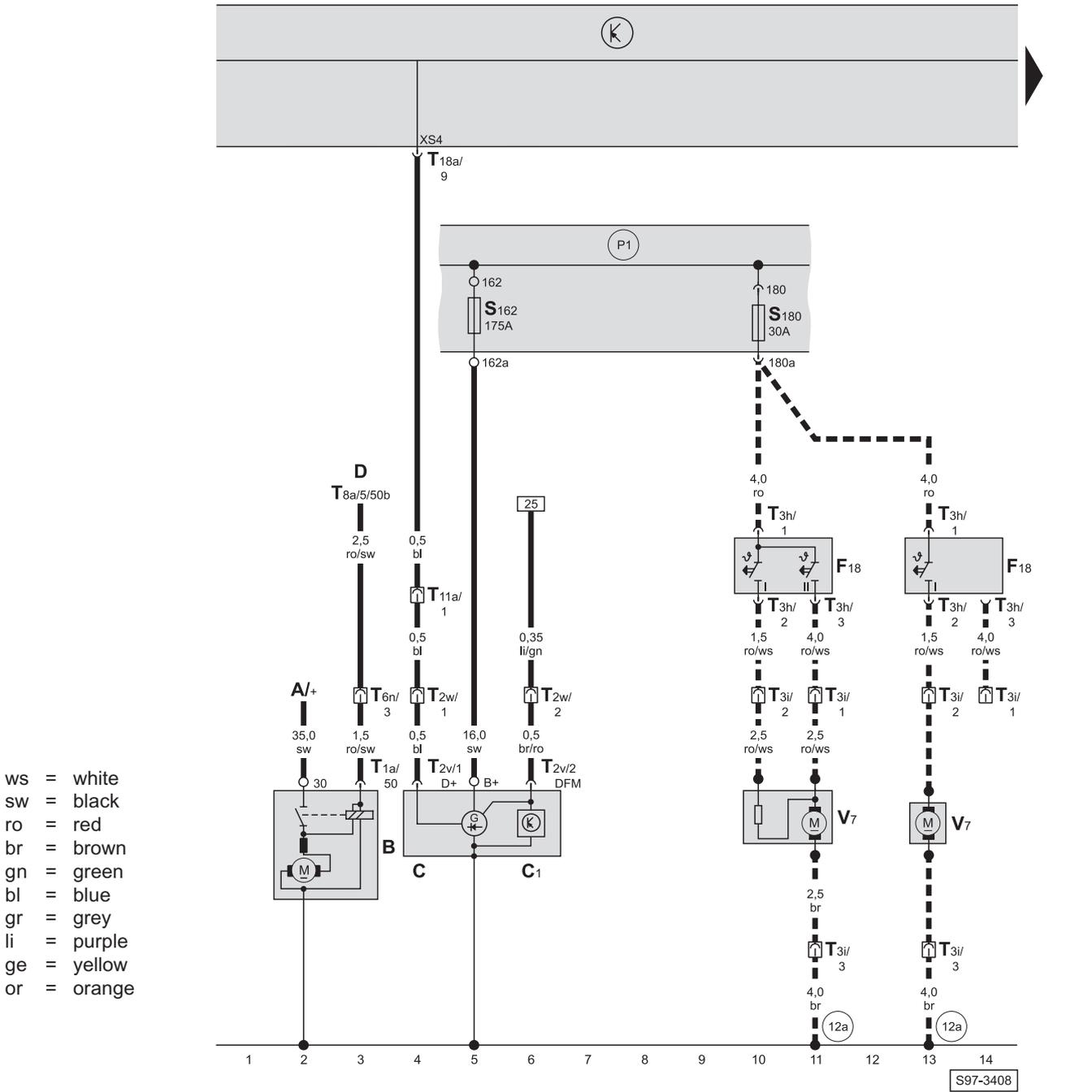
Relay holder:



Relay position assignment

- 4** - Fuel pump relay

Starter, alternator, radiator fan, fuse holder on battery

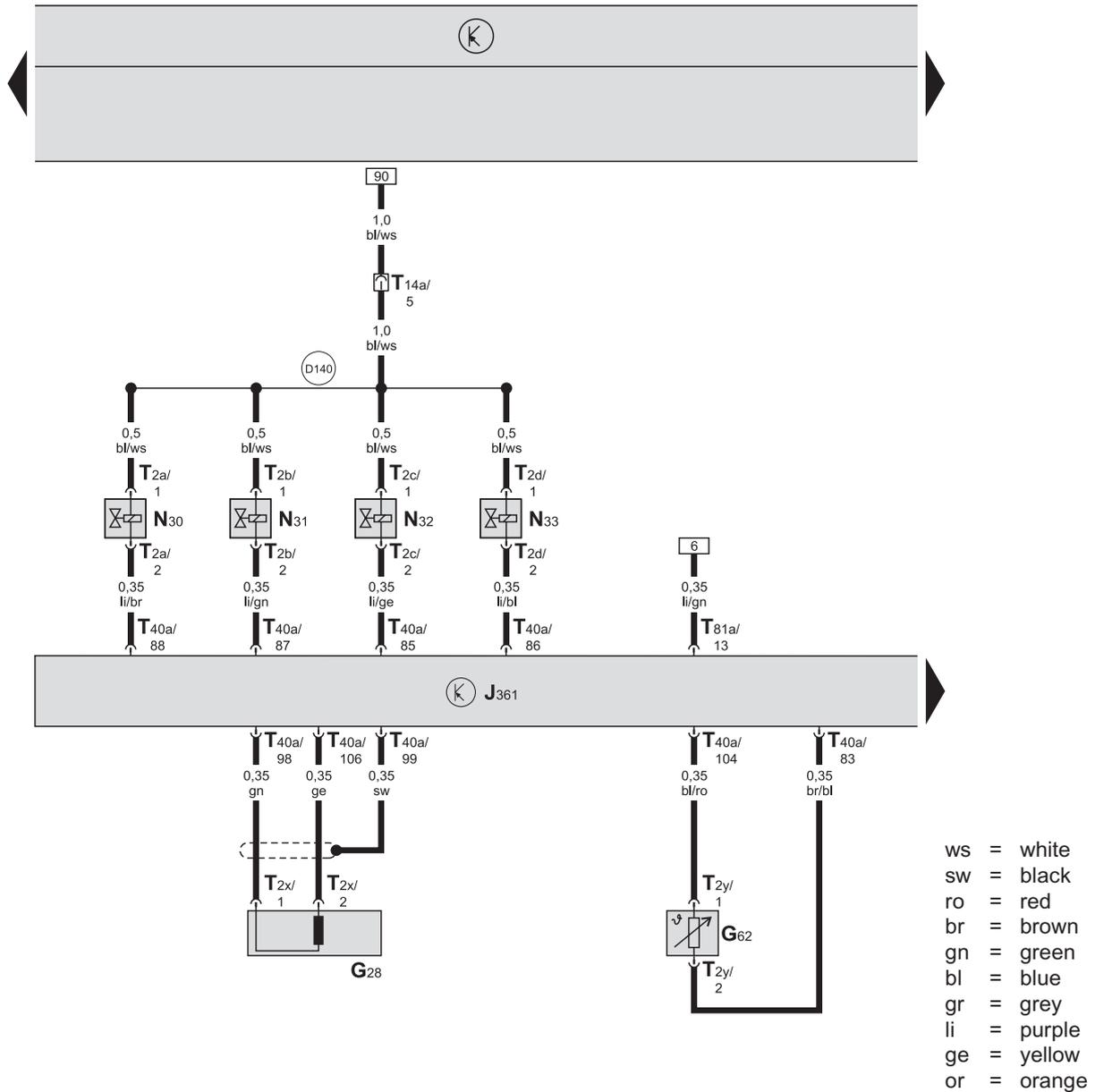


- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange

- 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
- 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)

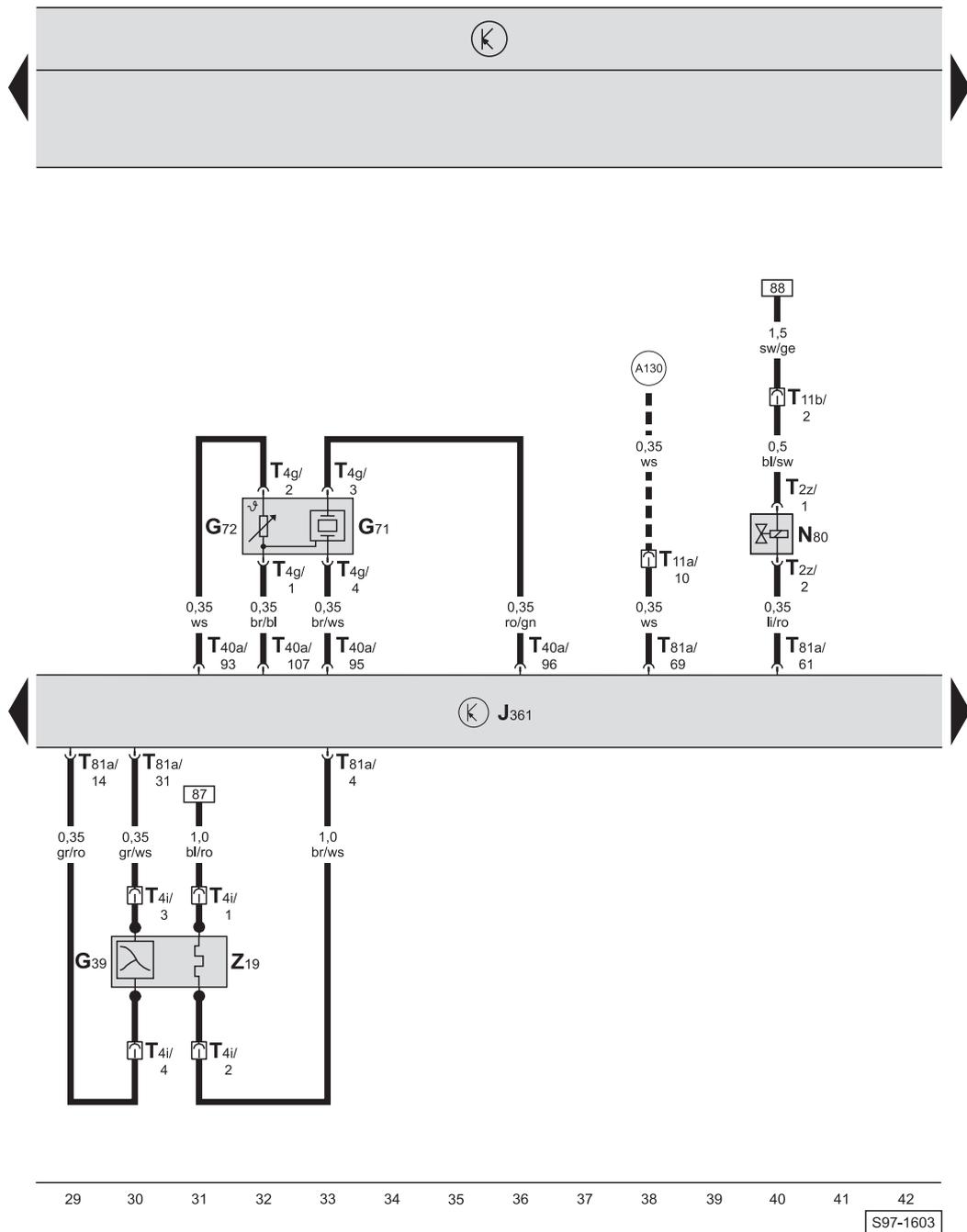
Simos control unit, injectors, engine speed sender, coolant temperature sender



- 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

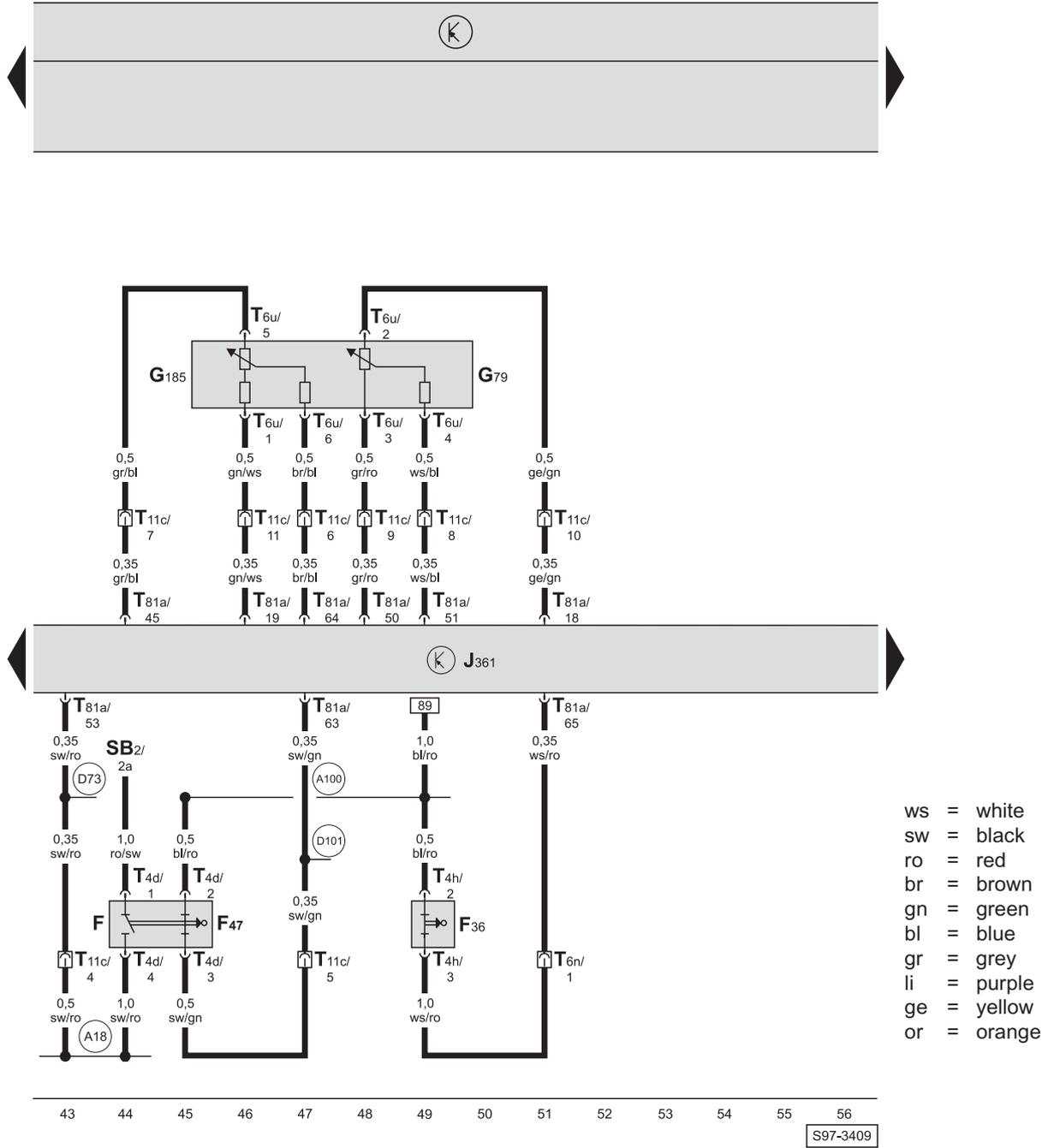
- G39 - Lambda probe
- G71 - Intake manifold pressure sender
- G72 - Intake manifold temperature sender
- J361 - Simos control unit
- N80 - Activated charcoal filter system solenoid valve
- T2z - 2-pin connector, at activated charcoal filter system solenoid valve
- T4g - 4-pin connector, at intake manifold 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

S97-1603

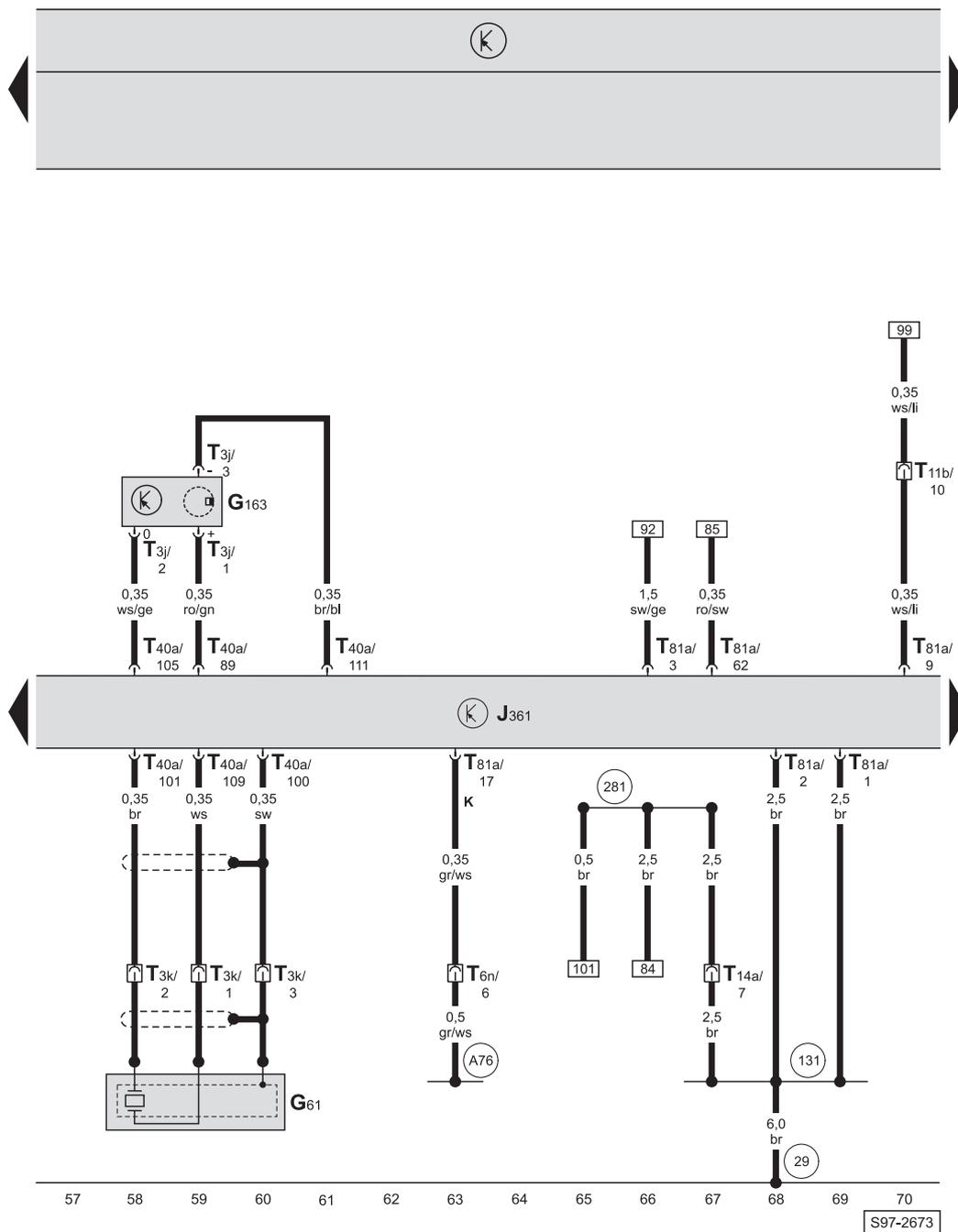
Simos control unit, accelerator pedal position sender, brake pedal switch, clutch pedal switch



- 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

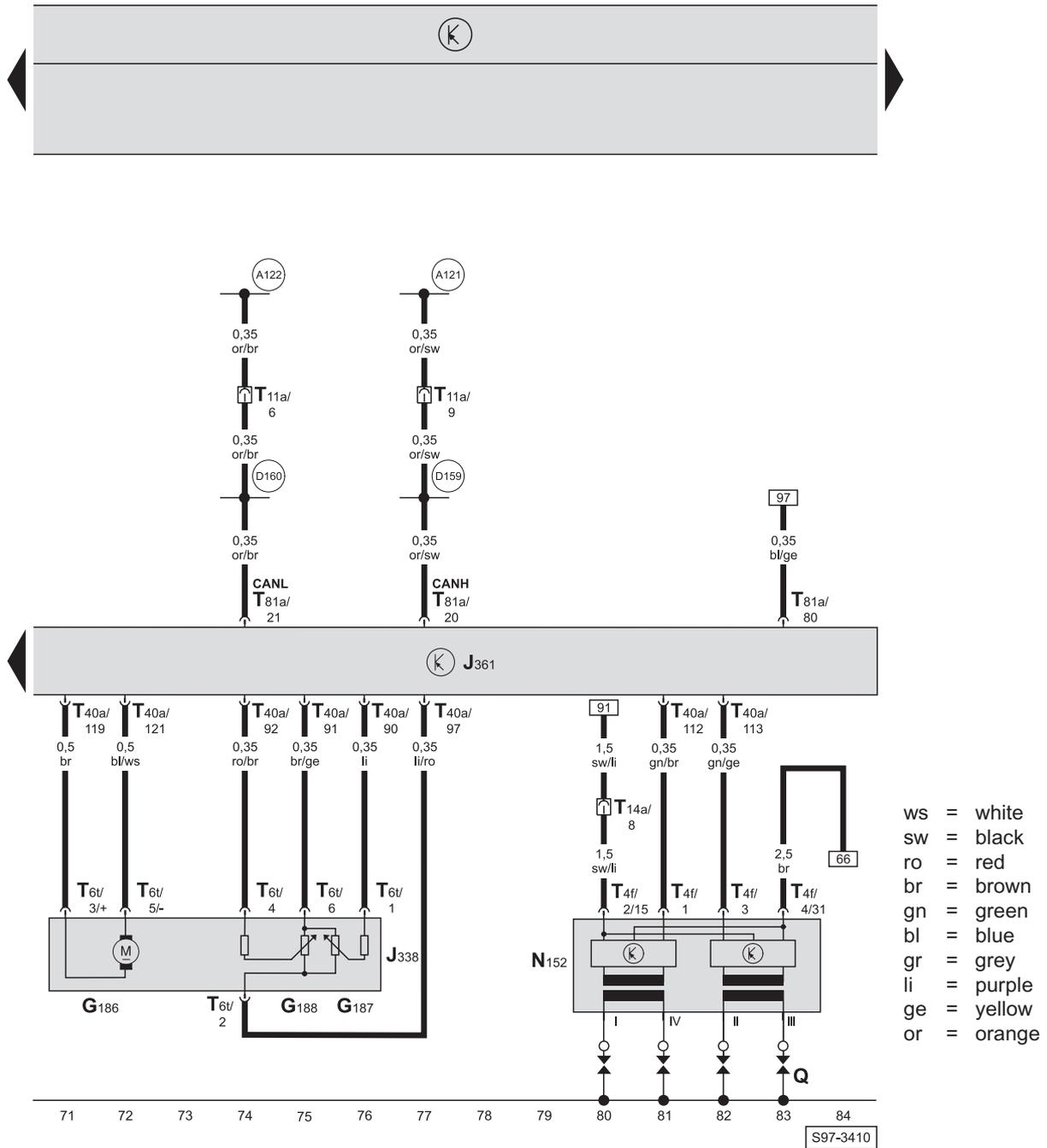


- G61 - Knock sensor I
- G163 - Camshaft position sender
- J361 - Simos control unit
- T3j - 3-pin connector, at camshaft position sender
- T3k - 3-pin connector, at knock sensor I
- T6n - 6-pin connector, at left of bulkhead (blue)
- T11b - 11-pin connector, at left of bulkhead (red)
- T14a - Connector,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

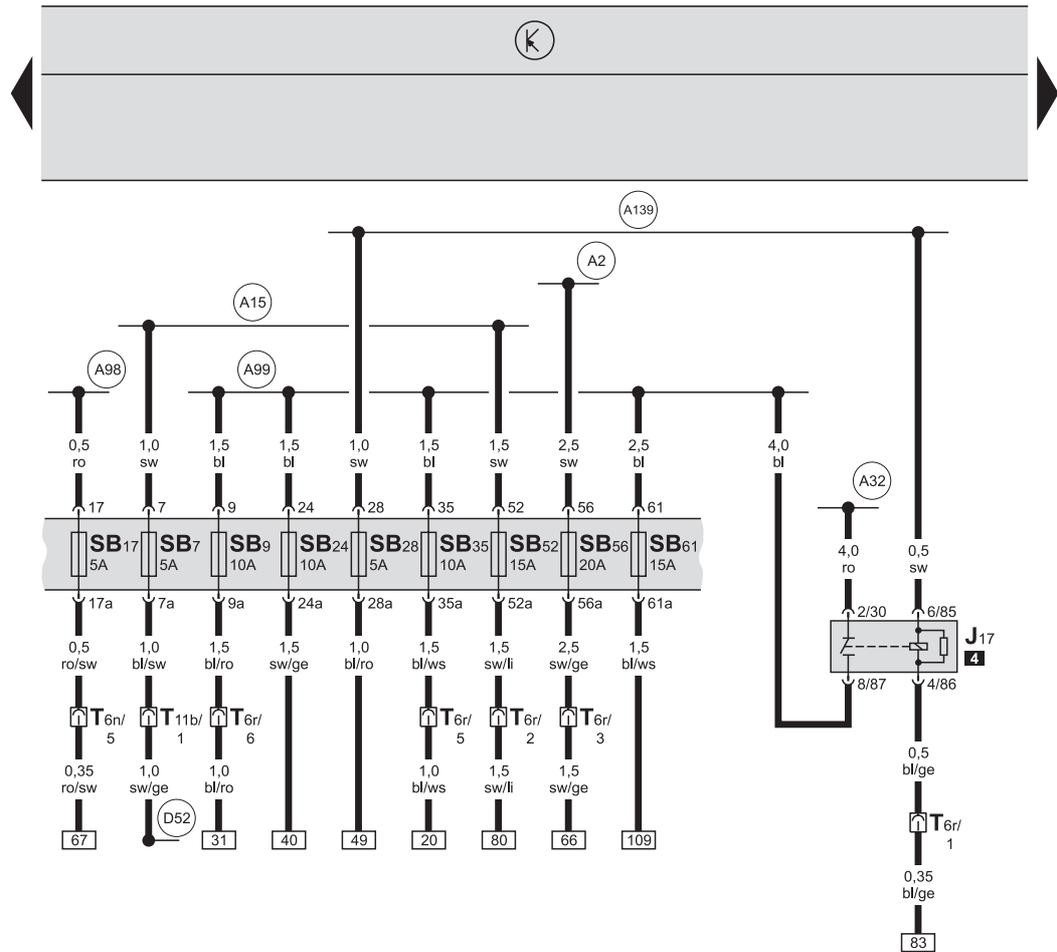
Simos control unit, throttle valve control unit, ignition system



- 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



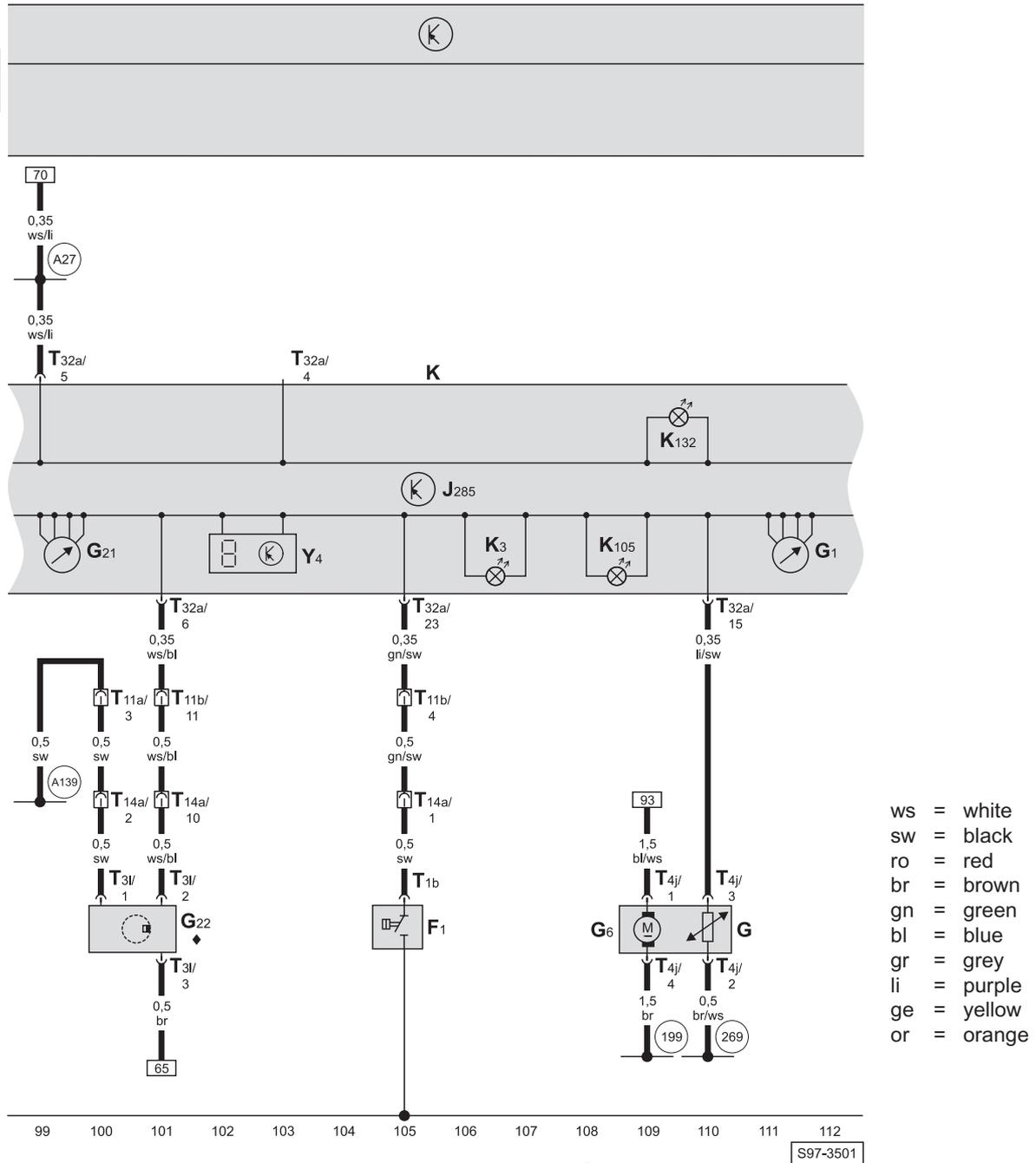
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange



- 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



- 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

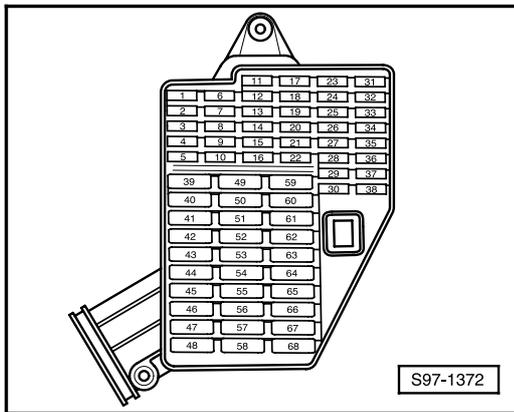
- 199 - Earth connection, in wiring harness behind dash panel
- 269 - Earth connection (sender earth) -1-, in wiring harness behind dash panel
- A27 - Connection (vehicle speed signal), in wiring loom behind dash panel
- A139 - Positive connection (15), in wiring loom behind dash panel
- ◆ - not valid for vehicles with ABS/ABS with EDL and TCS/ESP



1.4 I - Simos 3 PA/44 kW, engine code AZF, from November 2002

1.4 I - Simos 3 PA/50 kW, engine code AQW, from November 2002

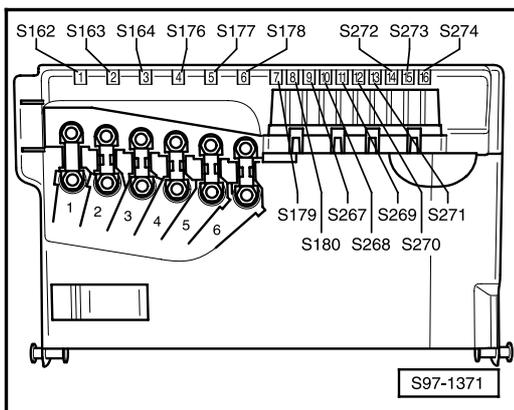
Fuse holder:



Fuse colours

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

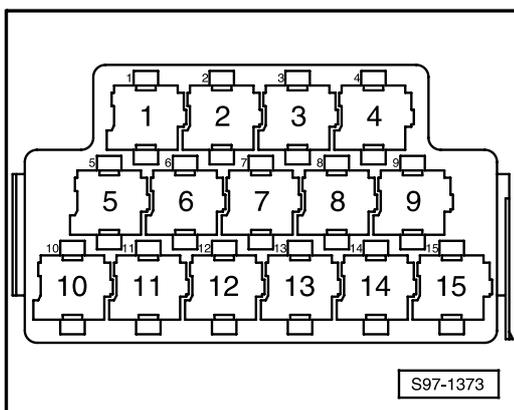
Fuse holder on battery:



Fuse colours

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

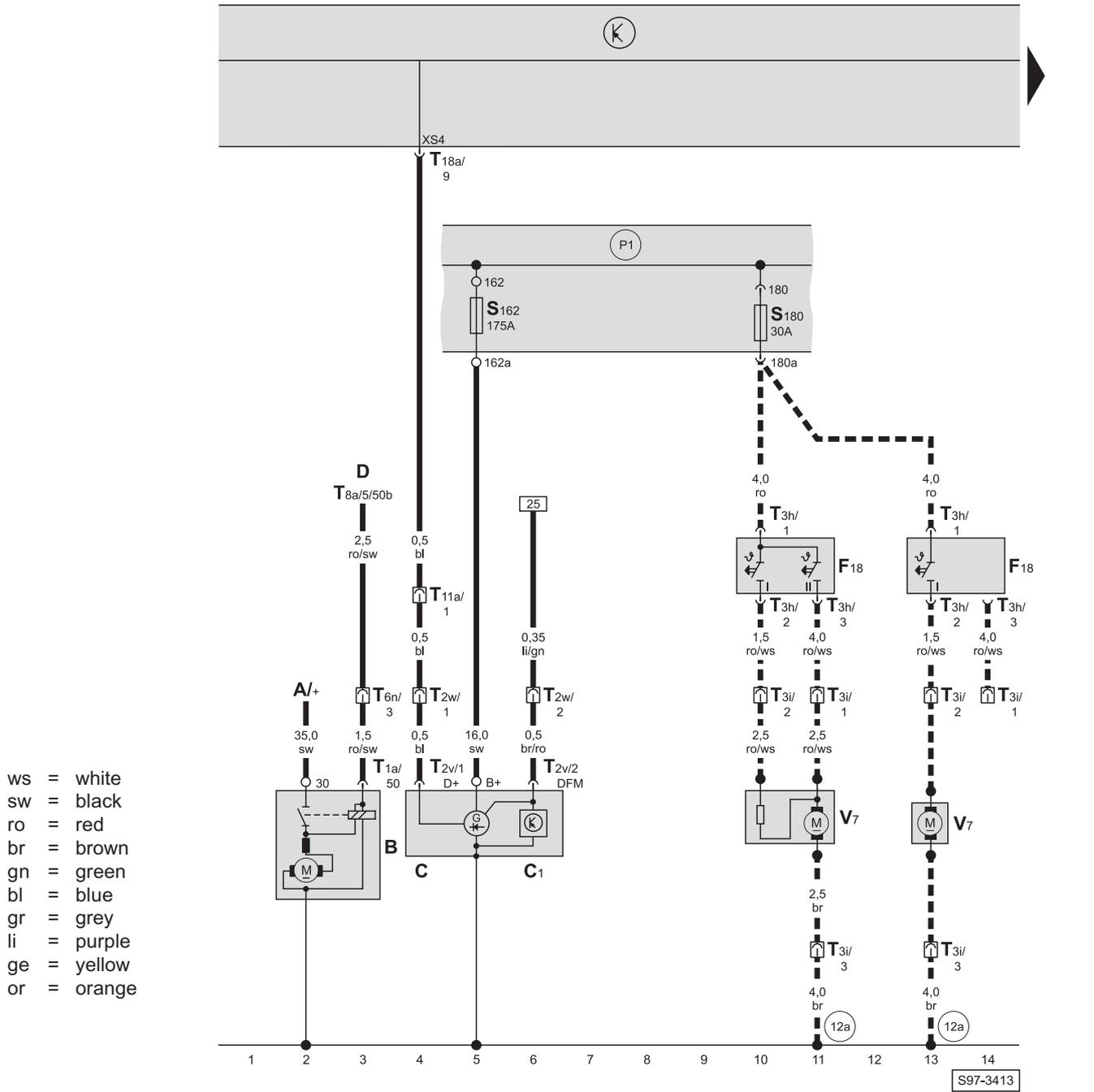
Relay holder:



Relay position assignment

- 4** - Fuel pump relay

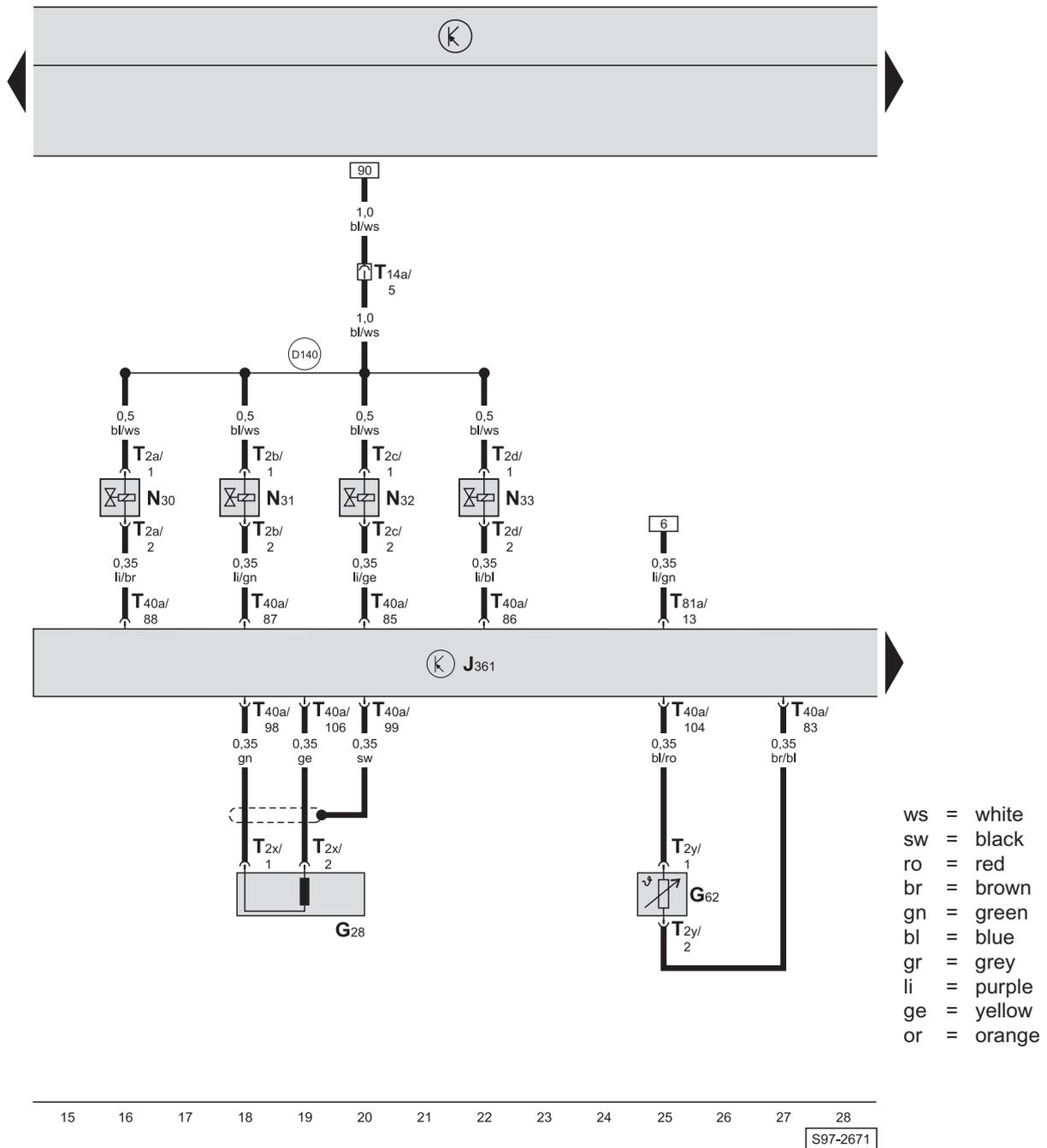
Starter, alternator, radiator fan, fuse holder on battery



- A - Battery
- B - Starter
- C - Alternator
- C1 - Voltage regulator
- D - Ignition/starter switch
- F18 - Radiator fan 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
- - Thermoswitch and radiator fan vary according to optional equipment (does not apply to models with air conditioning)

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

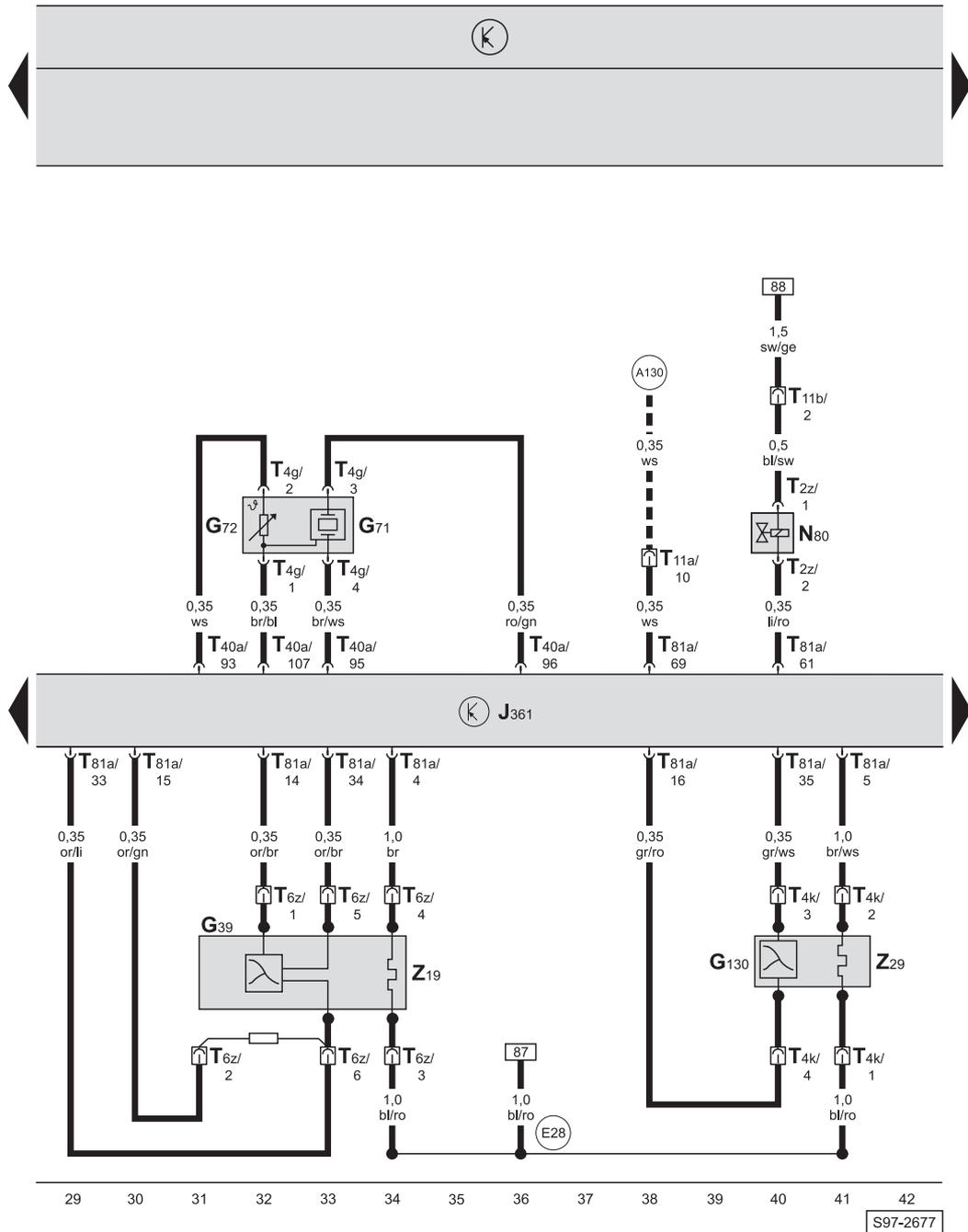


- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange

- 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



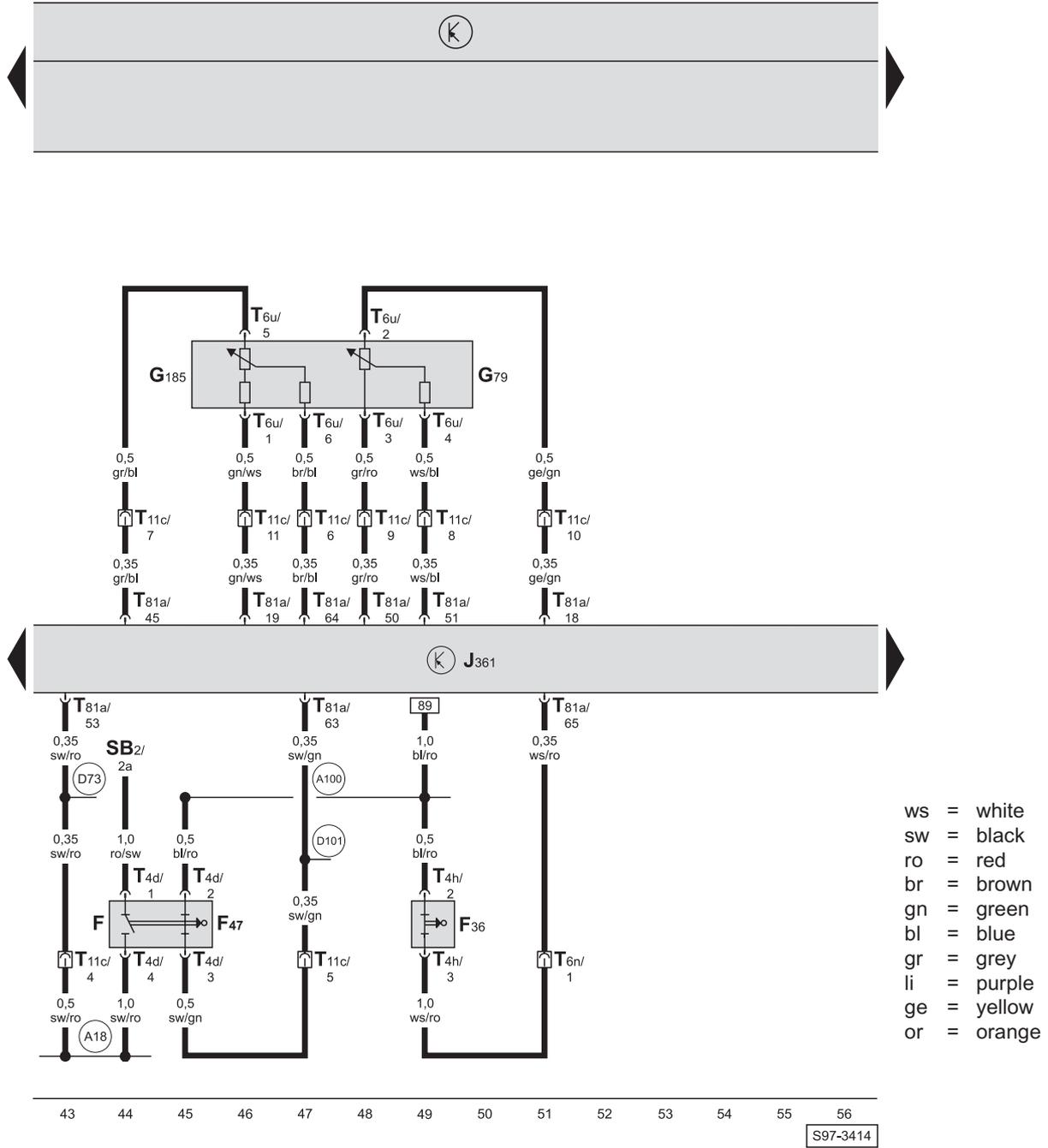
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = purple
- ge = yellow
- or = orange

- 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 - 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)
- 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
- (E28) - Connection (lambda probe heater), in engine compartment wiring loom

■ ■ ■ - Applies only to models with CCS

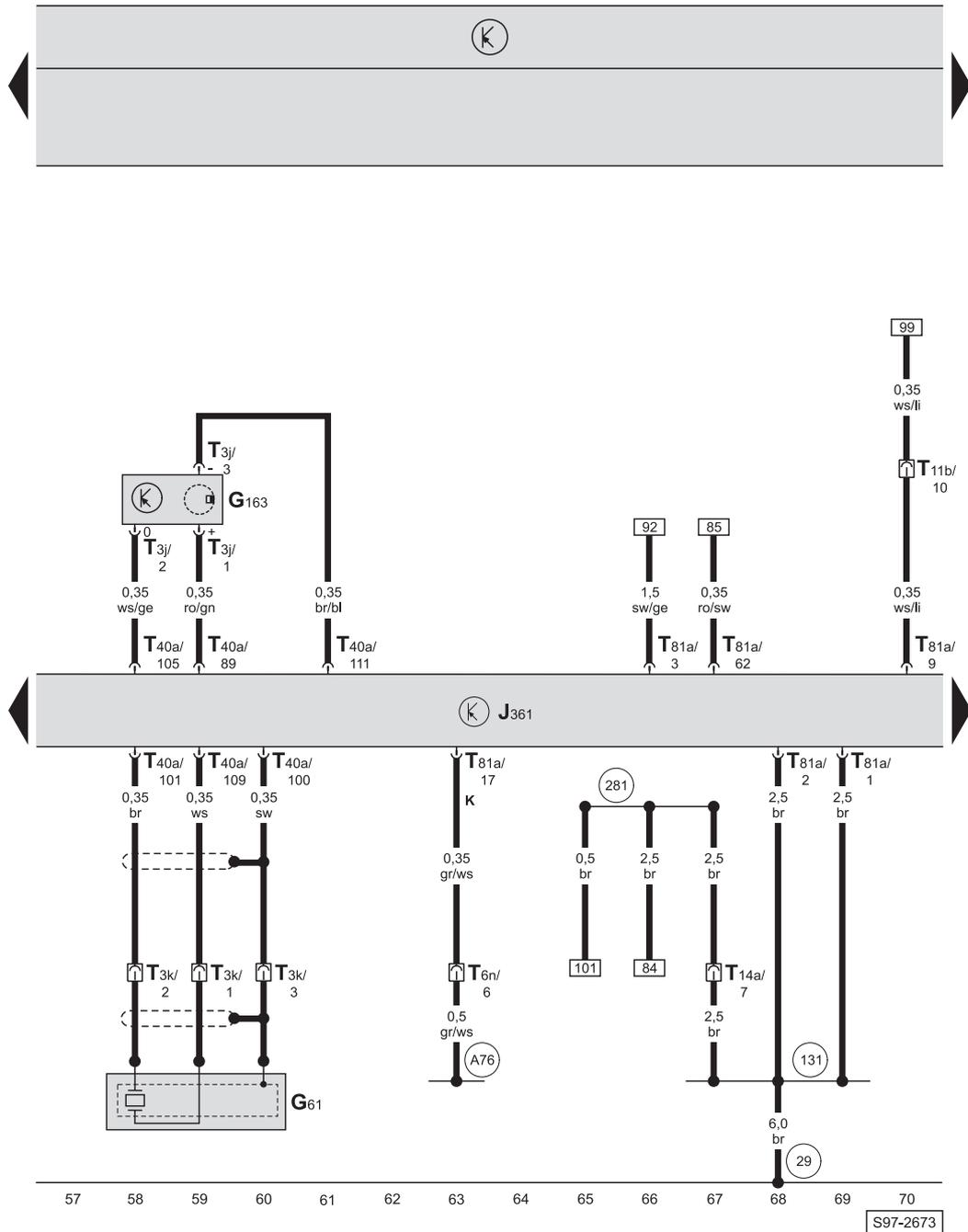
Simos control unit, accelerator pedal position sender, brake pedal switch, clutch pedal switch



- 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

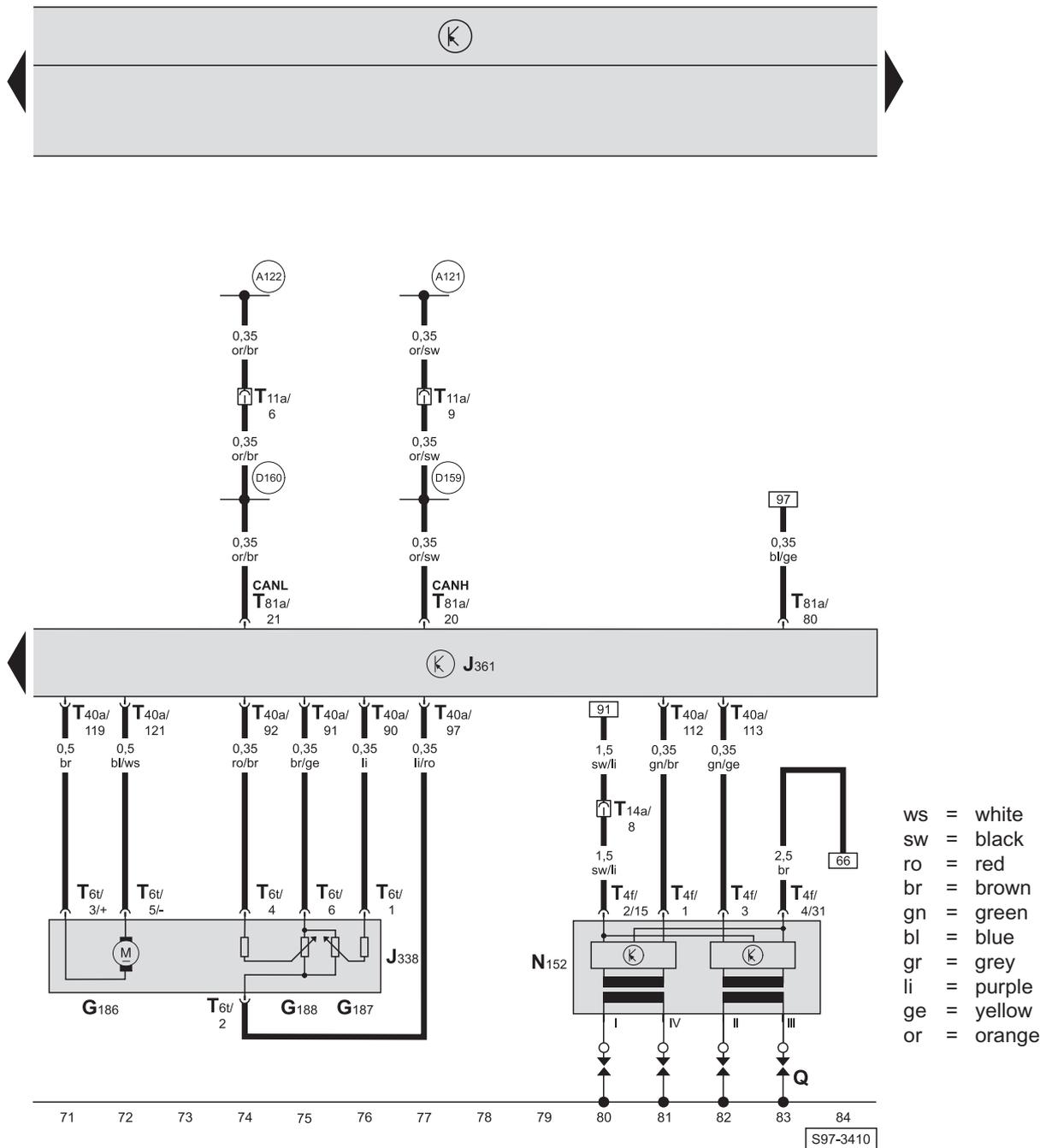
Simos control unit, knock sensor I, camshaft position sender



- 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

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