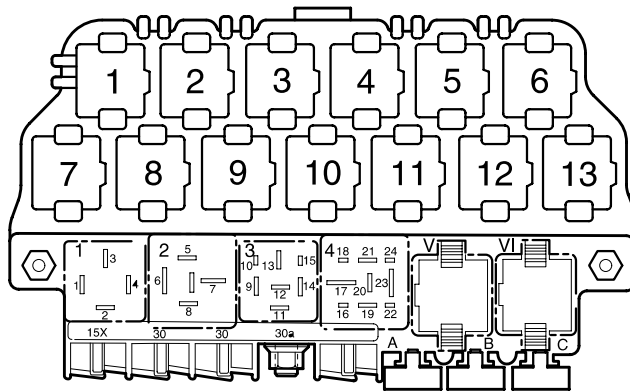


Climatronic,

● Not for engine code APF,

from May 1999

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

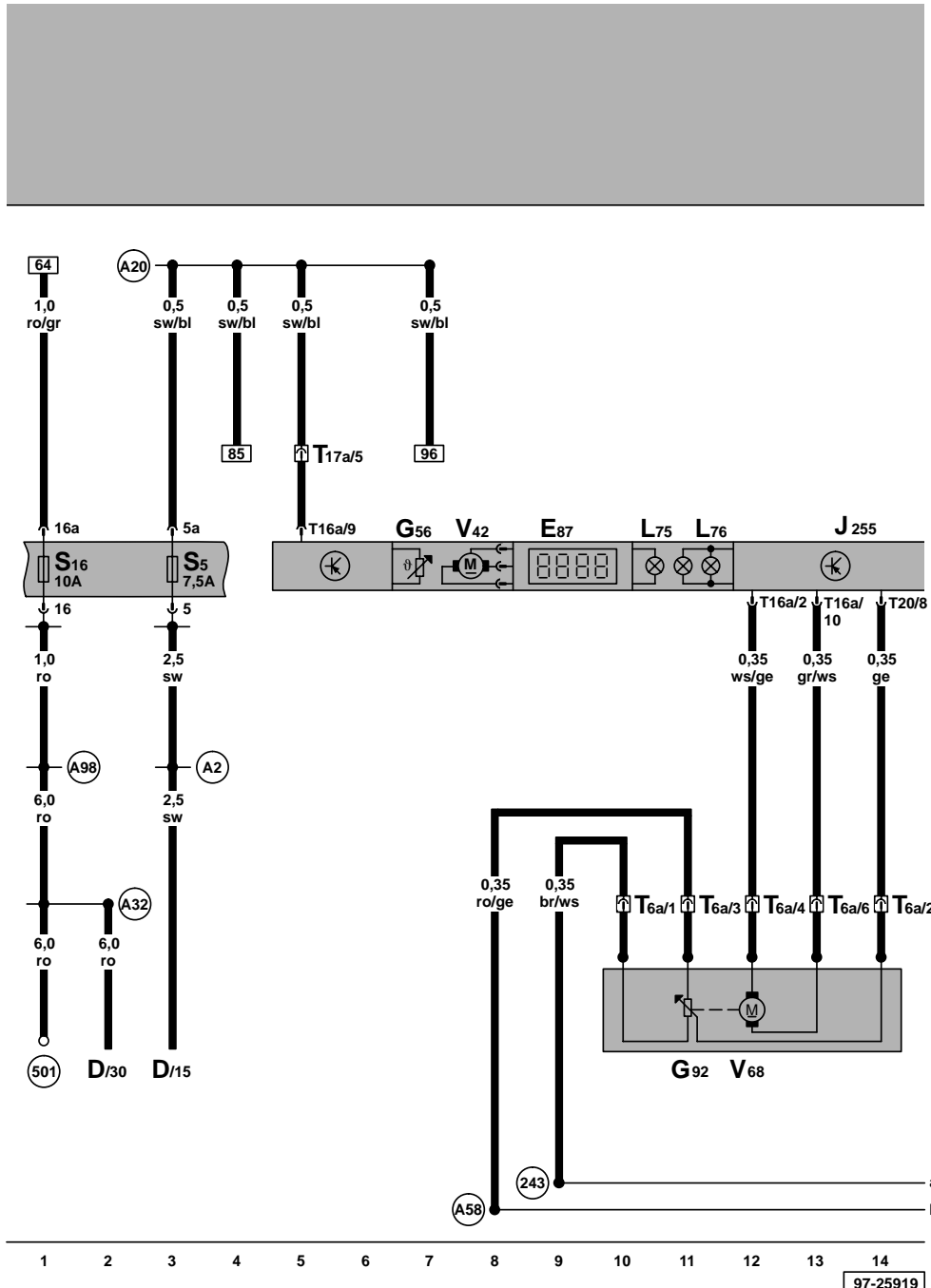


97-14163

Fuse colours

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

Climatronic control unit, temperature flap positioning motor



- D - Ignition/starter switch
- E87 - Operating and display unit for Climatronic
- G56 - Dash panel temperature sensor
- G92 - Temperature flap control motor potentiometer
- J255 - Climatronic control unit
- L75 - Digital display illumination
- L76 - Button illumination
- S5 - Fuse in relay plate fuse box
- S16 - Fuse in relay plate fuse box
- T6a - 6-pin connector, centre behind dash panel
- T16a - 16-pin connector
- T17a - 17-pin connector, centre behind dash panel
- T20 - 20-pin connector
- V42 - Temperature sensor blower
- V68 - Temperature flap control motor

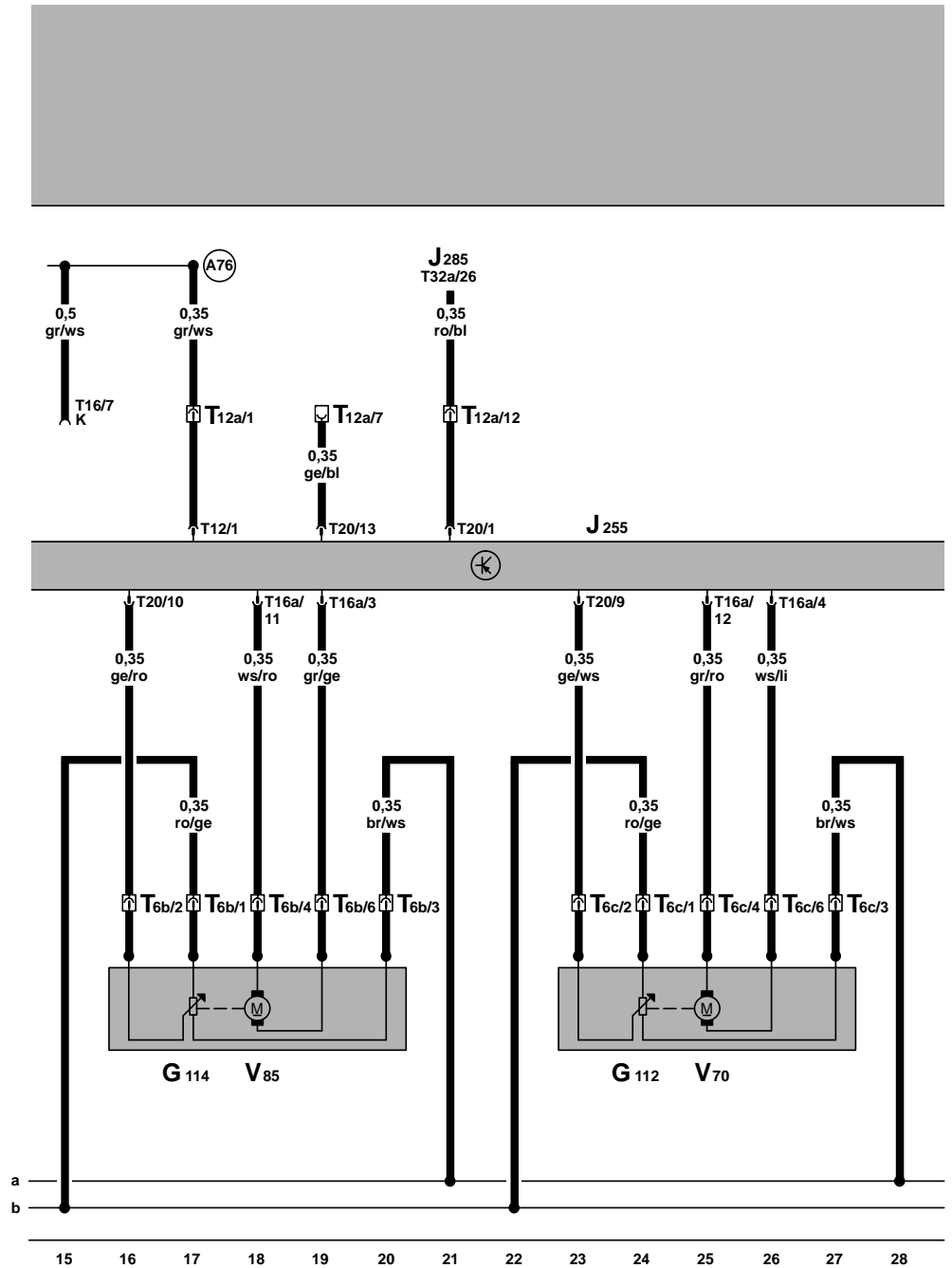
- (243) - Earth connection -1-, in Climatronic wiring harness
- (501) - Screw connection -2- (30), on relay plate
- (A2) - Positive (+) connection (15), in dash panel wiring harness
- (A20) - Connection (15a), in dash panel wiring harness
- (A32) - Positive connection (30), in dash panel wiring harness
- (A58) - Connection (5 Volt), in dash panel wiring harness
- (A98) - Positive connection -4- (30), in dash panel wiring harness

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

Climatronic control unit, central flap positioning motor, footwell/defrost flap positioning motor

- G112 – Central flap control motor potentiometer
- G114 – Control motor potentiometer for footwell/defrost flap
- J255 – Climatronic control unit
- J285 – Control unit with display in dash panel insert
- T6b – 6-pin connector, centre behind dash panel
- T6c – 6-pin connector, centre behind dash panel
- T12 – 12-pin connector
- T12a – 12-pin connector, centre behind dash panel
- T16 – 16-pin connector, in centre of dash panel, self-diagnosis connection
- T16a – 16-pin connector
- T20 – 20-pin connector
- T32a – 32-pin connector, green, on dash panel insert
- V70 – Central flap control motor
- V85 – Footwell/defroster flap control motor

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



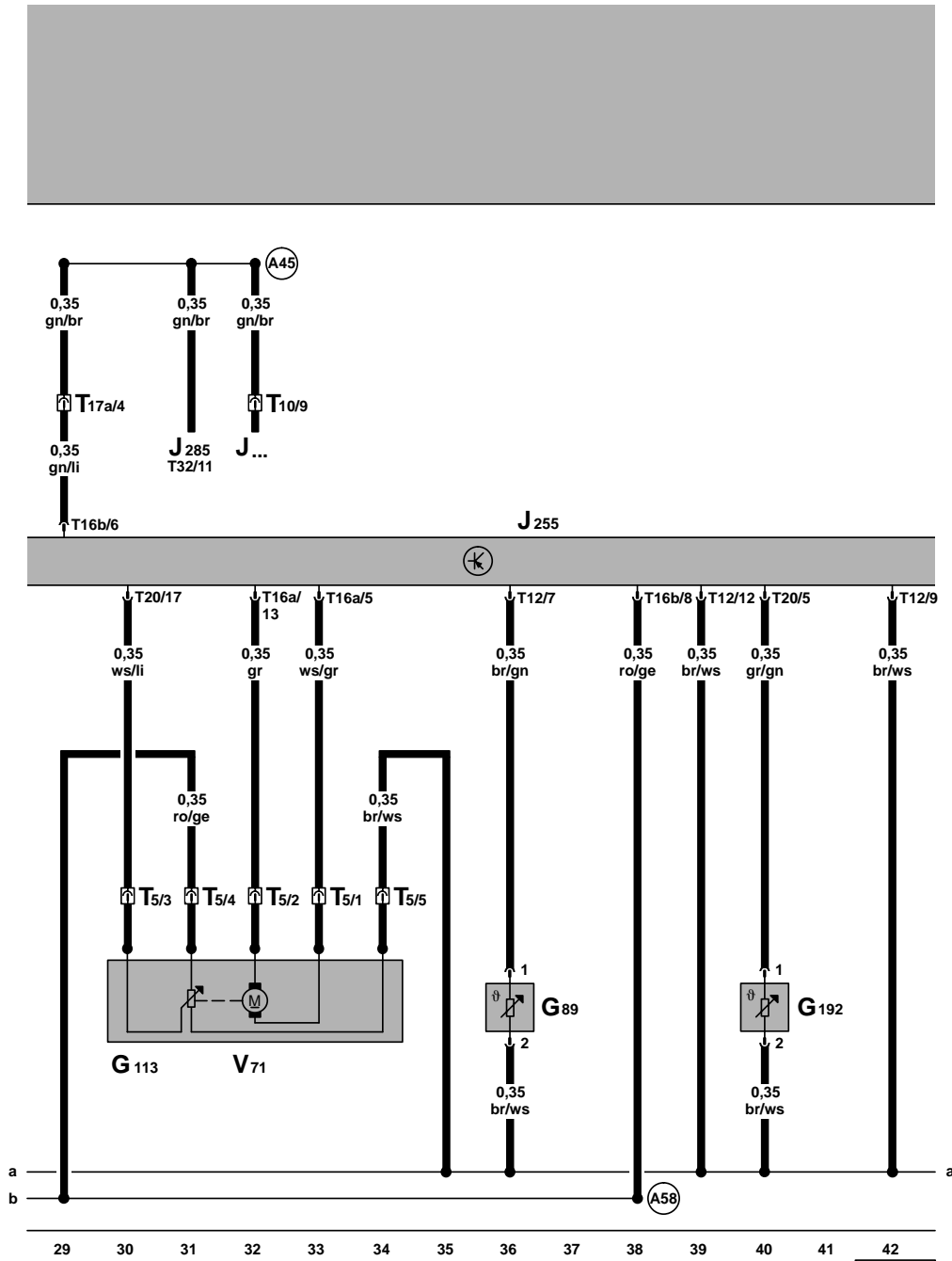
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = lilac
- ge = yellow
- or = orange

Climatronic control unit, air flow flap positioning motor, vent temperature sender, fresh air intake duct temperature sensor

- G89 - Fresh air intake duct temperature sensor, right under the dash panel
- G113- Air flow flap control motor potentiometer
- G192- Vent temperature sender, footwell
- J255 - Climatronic control unit
- J285 - Control unit with display in dash panel insert
- J... - Engine control unit
- T5 - 5-pin connector, centre behind dash panel
- T10 - 10-pin connector, orange, in protective housing for connectors, left in plenum chamber
- T12 - 12-pin connector
- T16a - 16-pin connector
- T16b - 16-pin connector
- T17a - 17-pin connector, centre behind dash panel
- T20 - 20-pin connector
- T32 - 32-pin connector, blue, on dash panel insert
- V71 - Air flow flap control motor

- (A45) - Connection (engine speed signal), in dash panel wiring harness
- (A58) - Connection (5 Volt), in dash panel wiring harness

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

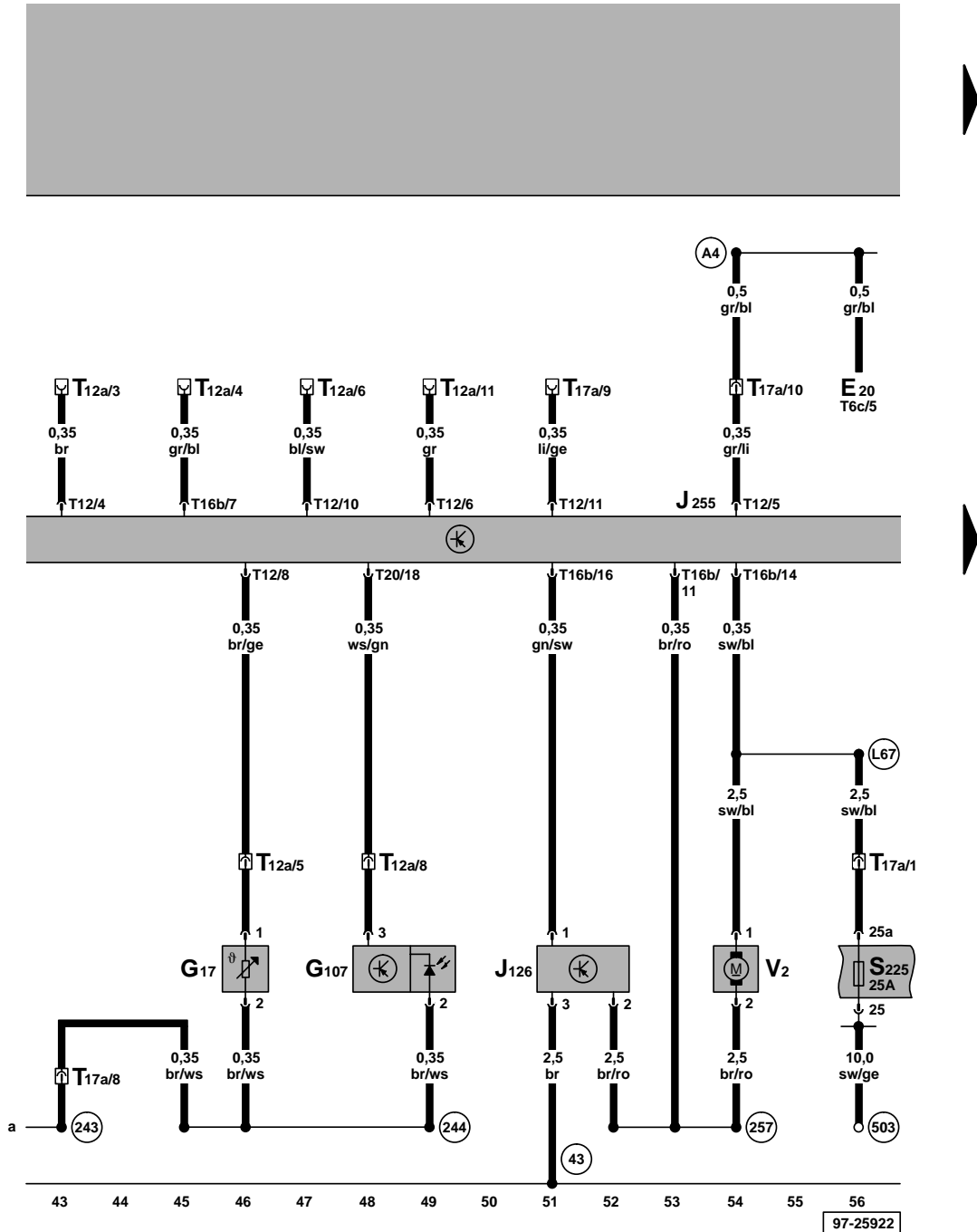


Climatronic control unit, ambient temperature sensor, fresh air blower, fresh air blower control unit, sunlight penetration photo sensor

- E20 - Switches and instruments - lighting control
- G17 - Ambient temperature sensor, left on front bumper
- G107 - Sunlight penetration photosensor, centre on dash panel
- J126 - Fresh air blower control unit, right under dash panel
- J255 - Climatronic control unit
- S225 - Fuse in fuse holder
- T6c - 6-pin connector
- T12 - 12-pin connector
- T12a - 12-pin connector, centre behind dash panel
- T16b - 16-pin connector
- T17a - 17-pin connector, centre behind dash panel
- T20 - 20-pin connector
- V2 - Fresh air blower

- (43) - Earth point, A-pillar, right lower
- (243) - Earth connection -1-, in Climatronic wiring harness
- (244) - Earth connection (sender earth), in Climatronic wiring harness
- (257) - Earth connection -2-, in Climatronic wiring harness
- (503) - Screw connection (75x), on relay plate
- (A4) - Positive (+) connection (58b), in dash panel wiring harness
- (L67) - Positive connection (75x) in Climatronic wiring harness

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



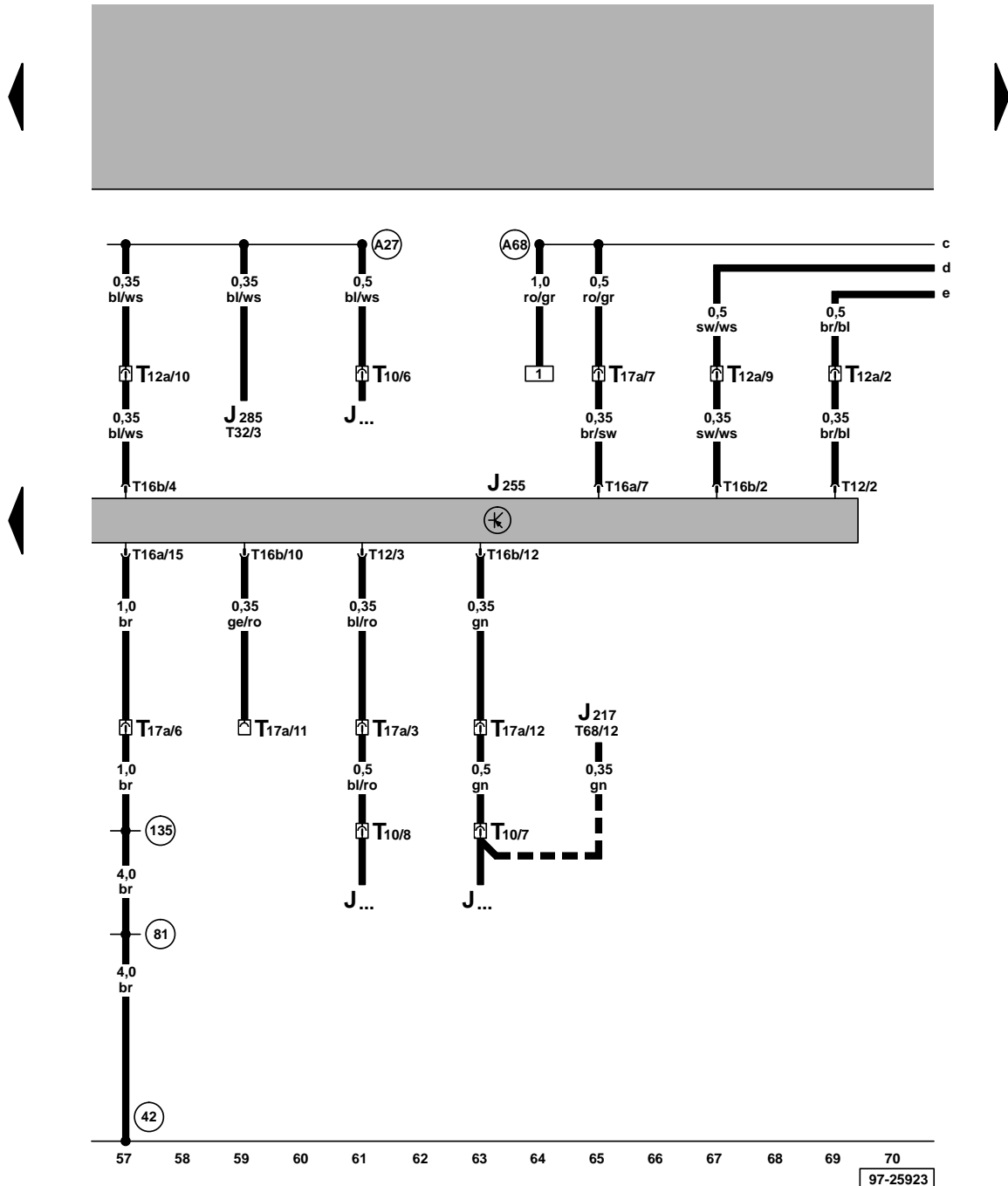
Climatronic control unit

- J217 - Automatic gearbox control unit
- J255 - Climatronic control unit
- J285 - Control unit with display in dash panel insert
- J... - Engine control unit
- T10 - 10-pin connector, orange, in protective housing for connectors, left in plenum chamber
- T12 - 12-pin connector
- T12a - 12-pin connector, centre behind dash panel
- T16a - 16-pin connector
- T16b - 16-pin connector
- T17a - 17-pin connector, centre behind dash panel
- T32 - 32-pin connector, blue, on dash panel insert
- T68 - 68-pin connector

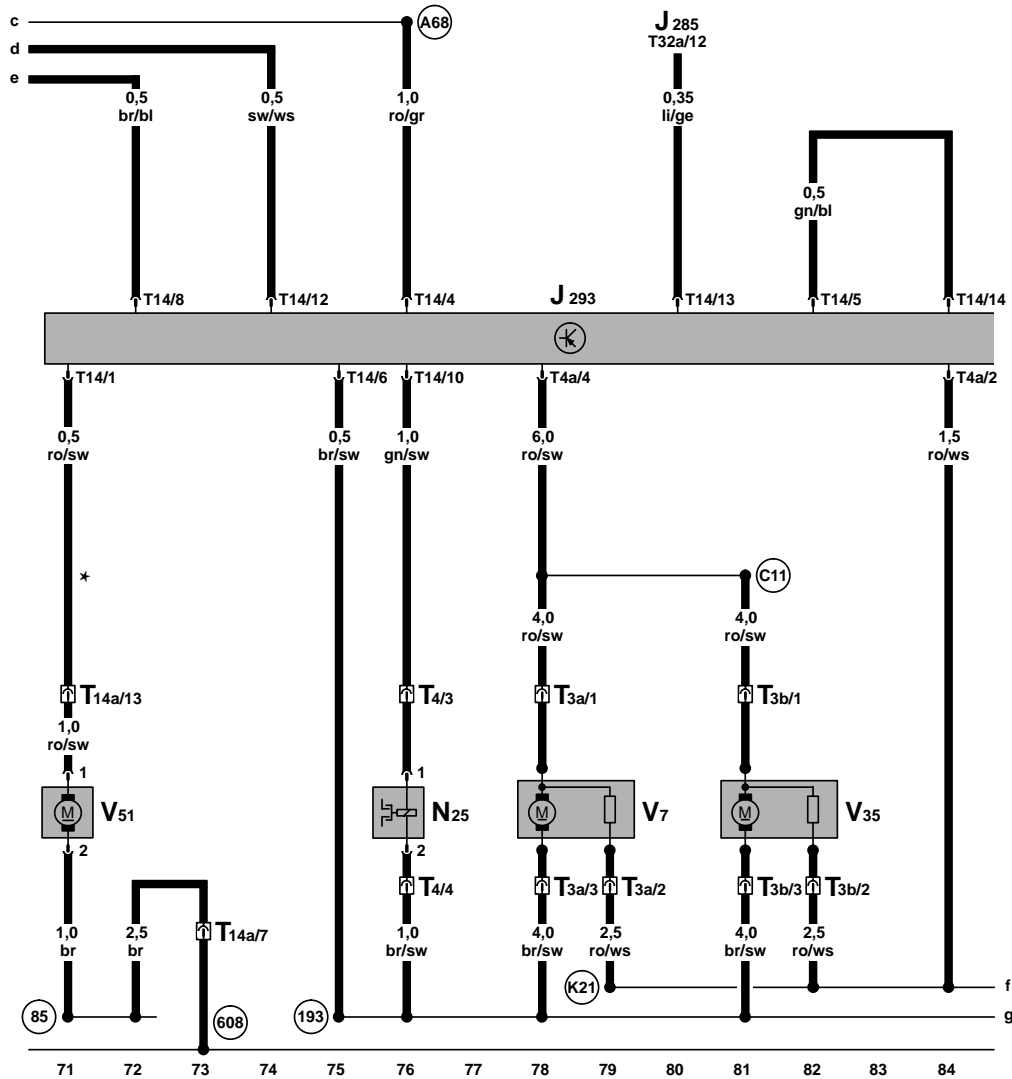
- (42) - Earth point, next to steering column
- (81) - Earth connection -1-, in dash panel wiring harness
- (135) - Earth connection -2-, in dash panel wiring harness
- (A27) - Connection (speed signal), in dash panel wiring harness
- (A68) - Connection (30, air conditioner), in dash panel wiring harness

--- For engine code ARZ only

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



Radiator fan control unit, radiator fan, air conditioner system magnetic coupling, continued coolant circulation pump



- J285 – Control unit with display in dash panel insert
- J293 – Radiator fan control unit, front left in engine compartment
- N25 – Air conditioning system magnetic coupling
- T3a – 3-pin connector, front left in engine compartment
- T3b – 3-pin connector, front left in engine compartment
- T4 – 4-pin connector, near starter
- T4a – 4-pin connector
- T14 – 14-pin connector
- T14a – 14-pin connector, in cable channel left in engine compartment
- T32a – 32-pin connector, green, on dash panel insert
- V7 – Radiator fan
- V35 – Coolant fan, right
- V51 – Continued coolant circulation pump

- (85) – Earth connection -1-, in engine compartment wiring harness
- (193) – Earth connection -1-, in coolant fan wiring harness
- (608) – Earth point, in centre of plenum chamber
- (A68) – Connection (30, air conditioner), in dash panel wiring harness
- (C11) – Connection in radiator fan wiring harness
- (K21) – Connection -1-, in radiator fan wiring harness
- * – For vehicles with 5 and 6 cylinder engines only

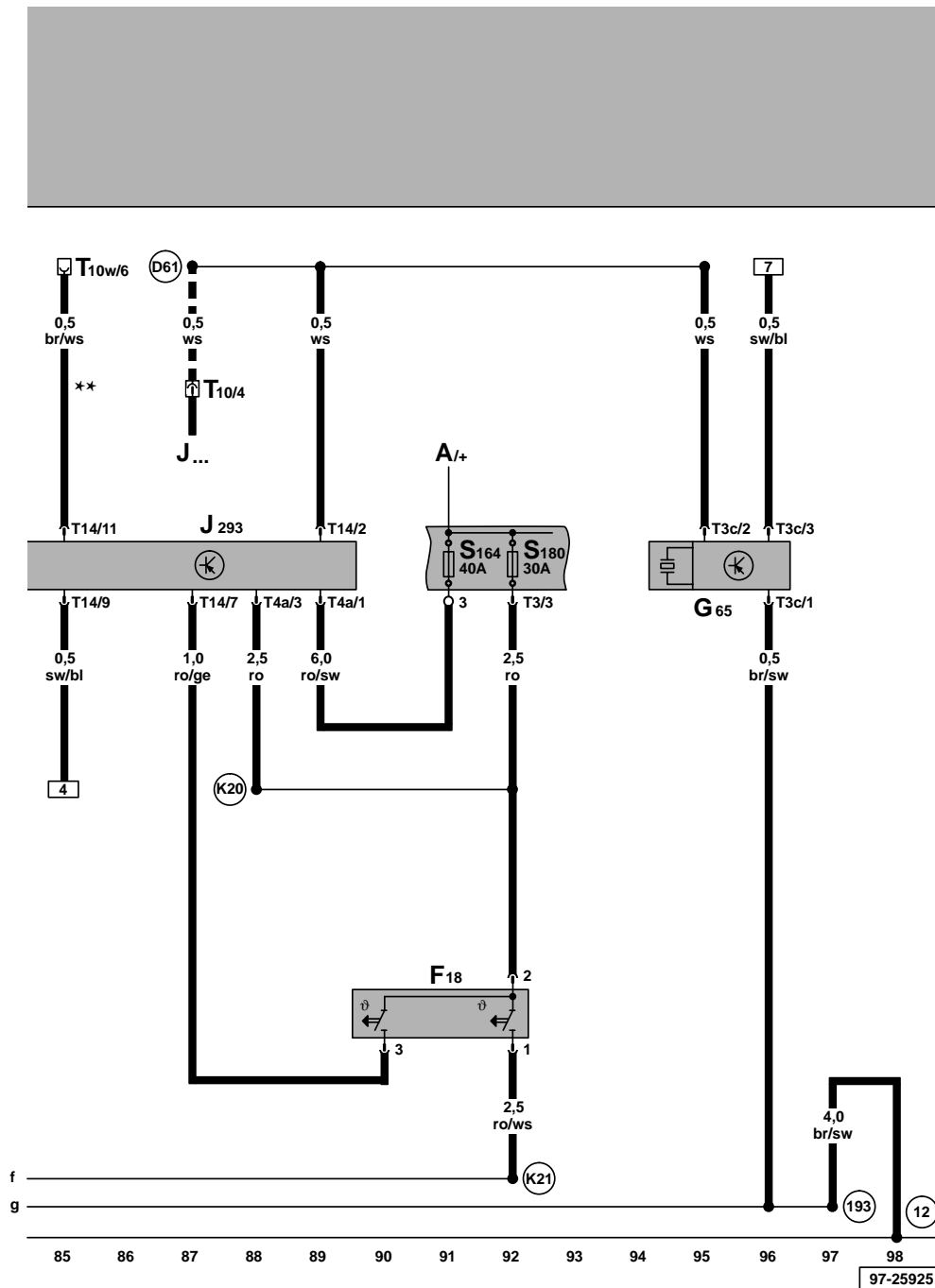
ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 ge = yellow
 or = orange

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

- A - Battery
- F18 - Radiator fan thermo-switch
- G65 - High pressure sender
- J293 - Radiator fan control unit, front left in engine compartment
- J... - Engine control unit
- S164 - Fuse -3- (30), in battery fuse holder
- S180 - Fuse -8- (30), in battery fuse holder
- T3 - 3-pin connector
- T3c - 3-pin connector
- T4a - 4-pin connector
- T10 - 10-pin connector, orange, in protective housing for connectors, left in plenum chamber
- T10w- 10-pin connector, white, in protective housing for connectors, left in plenum chamber
- T14 - 14-pin connector

- (12) - Earth point, left in engine compartment
- (193) - Earth connection -1-, in coolant fan wiring harness
- (D61) - Connection (air conditioner), in engine compartment wiring harness
- (K20) - Positive (+) connection (30), in radiator fan wiring harness
- (K21) - Connection -1-, in radiator fan wiring harness

- ** - Only with TDI engines
- - Not for all control units



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