

Golf/Vento

Current Flow Diagram

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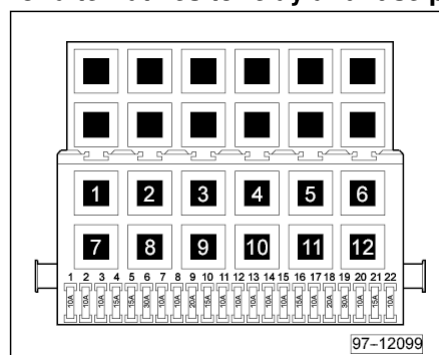
Edition 02.1998

Climatronic

- 1.6 ltr./74 kW Simos, engine code AFT and AKS
- 1.8 ltr./55 kW Mono-Motronic, engine code AAM and ANN
- 1.8 ltr./66 kW Mono-Motronic, engine code ADZ and ANP
- 2.0 ltr./85 kW Simos, engine code AGG and AKR
- 2.0 ltr./110 kW Digifant, engine code ABF

From August 1995

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



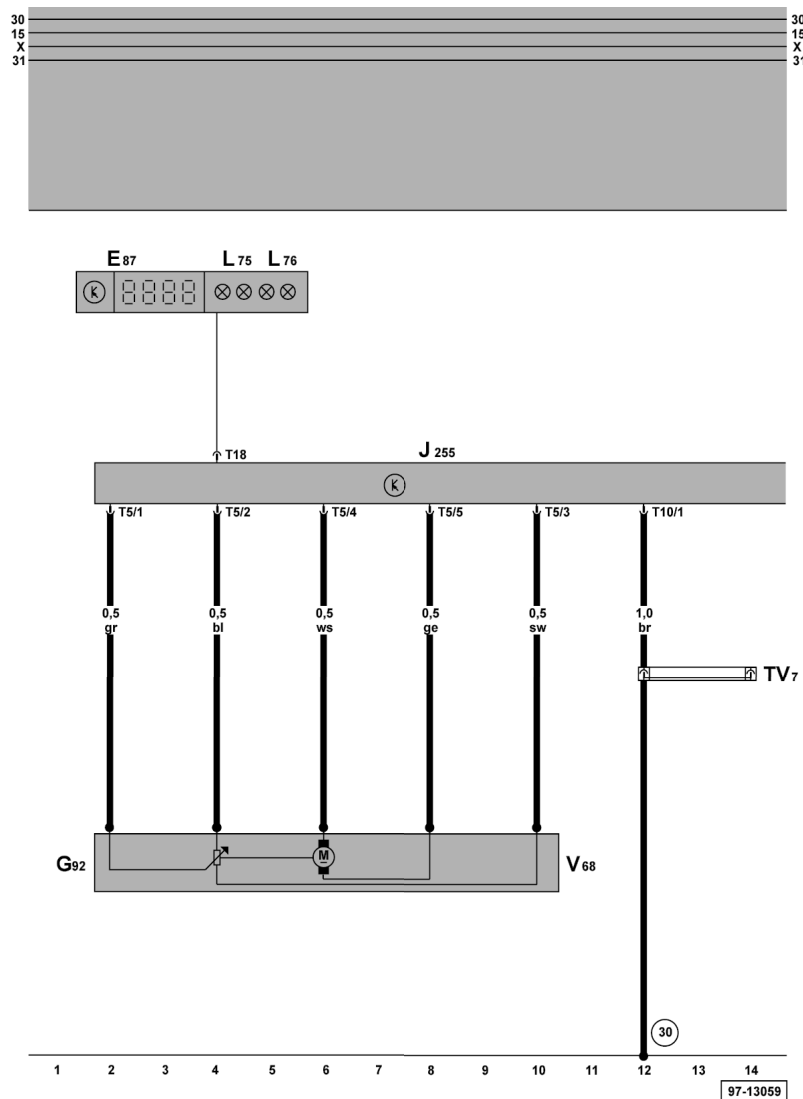
Fuse colours

- 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

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Operating and display unit with control unit, temperature flap positioning motor

- E87 - Operating and display unit for Climatronic
- G92 - Temperature flap control motor potentiometer
- J255 - Climatronic control unit
- L75 - Digital display illumination
- L76 - Button illumination
- T5 - 5-pin connector
- T10 - 10-pin connector
- T18 - 18-pin connector
- TV7 - Terminal 31 junction box, above the relay plate
- V68 - Temperature flap control motor

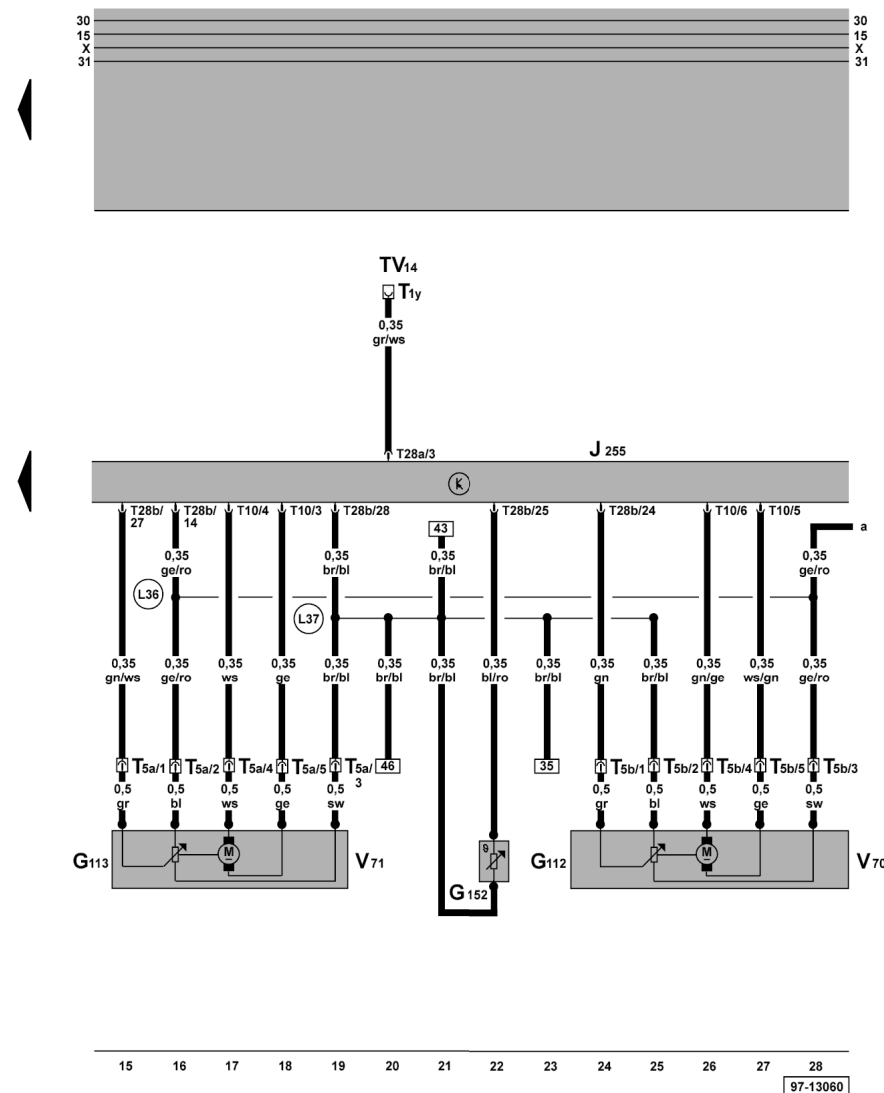
30

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

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Current Flow Diagram

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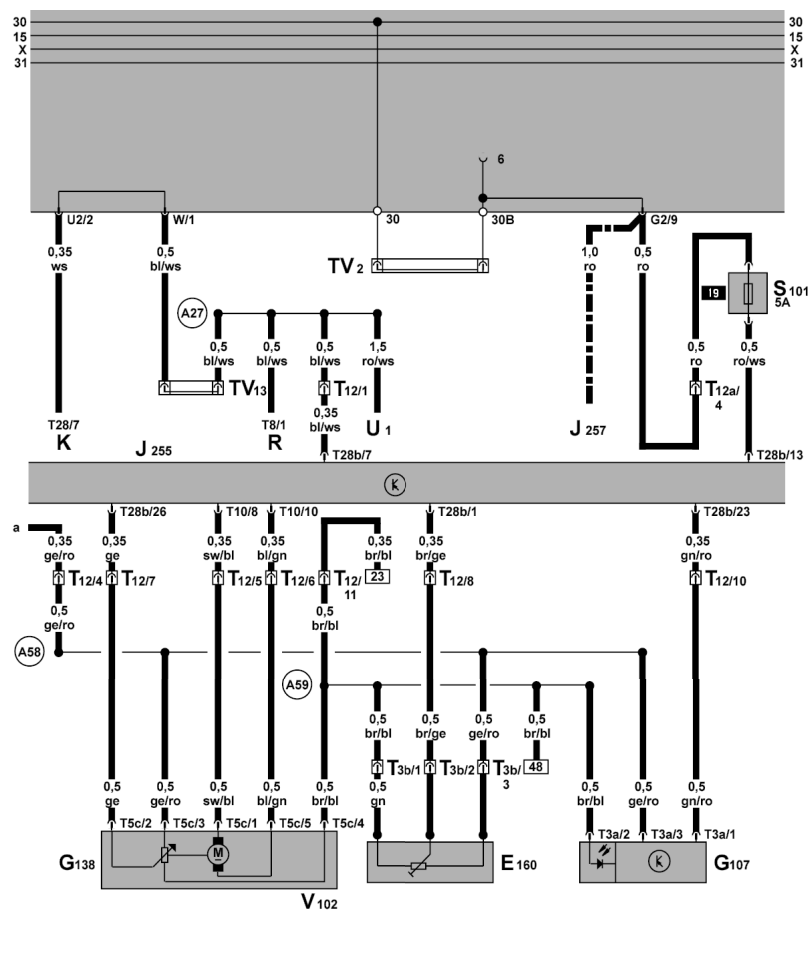
Motors, self-diagnosis connection, sender for air flow temperature front

- G112 - Central flap control motor potentiometer
- G113 - Air flow flap control motor potentiometer
- G152 - Front vent temperature sender
- J255 - Climatronic control unit
- T1y - Single connector, above the relay plate, self-diagnosis for connection
- T16 - 5-pin connector, in centre behind dash panel
- T5b - 5-pin connector, in centre behind dash panel
- T10 - 10-pin connector
- T28b - 28-pin connector
- TV14 - Self-diagnosis junction box, above the relay plate
- V70 - Central flap control motor
- V71 - Air flow flap control motor
- L36 - Connection -1-, in Climatronic controls wiring harness
- L37 - Connection -2-, in Climatronic controls wiring harness

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Current Flow Diagram

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ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
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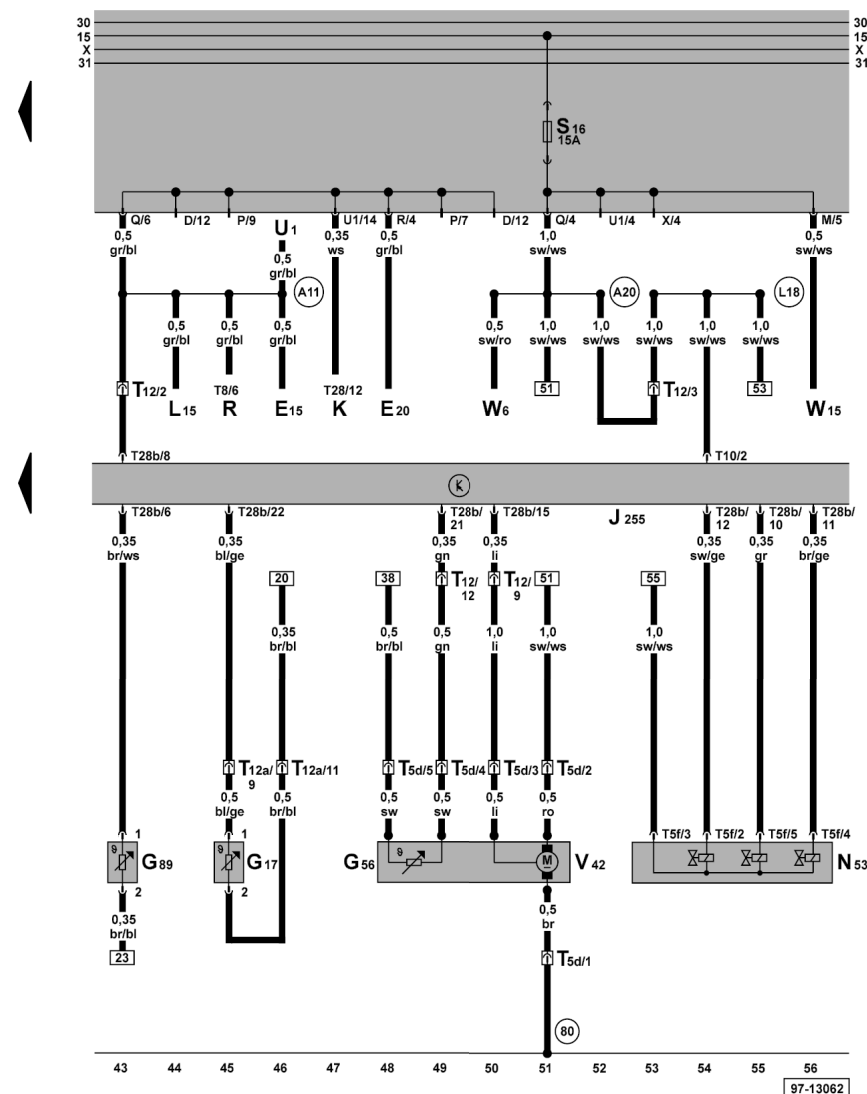
Motor for centre vent, photo sensor, Climatronic fuse

- E160 - Central vent control motor
- G107 - Sunlign penetration photosensor, on centre dash panel
- G138 - Central vent control motor potentiometer
- J255 - Climatronic control unit
- J257 - Mono-Motronic control unit, for vehicles with ADZ engine only
- K - Dash panel insert
- R - Radio
- S101 - Climatronic control unit fuse, above the relay plate
- T3a - 3-pin connector, on photo sensor
- T3b - 3-pin connector
- T5c - 5-pin connector, behind the relay plate
- T8 - 8-pin connector, on radio
- T10 - 10-pin connector
- T12 - 12-pin connector
- T12a - 12-pin connector
- T28 - 28-pin connector, on dash panel insert
- T28b - 28-pin connector
- TV2 - Terminal 30 junction box, above the relay plate
- TV13 - Speed signal junction box, above the relay plate
- U1 - Cigarette lighter
- V102 - Central vents control motor
- A27 - Connection (speed signal), in dash panel wiring harness
- A58 - Connection (5 Volt), in dash panel wiring harness
- A59 - Connection (sender), in dash panel wiring harness
- ... - For vehicles with ADZ engine code only

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Current Flow Diagram

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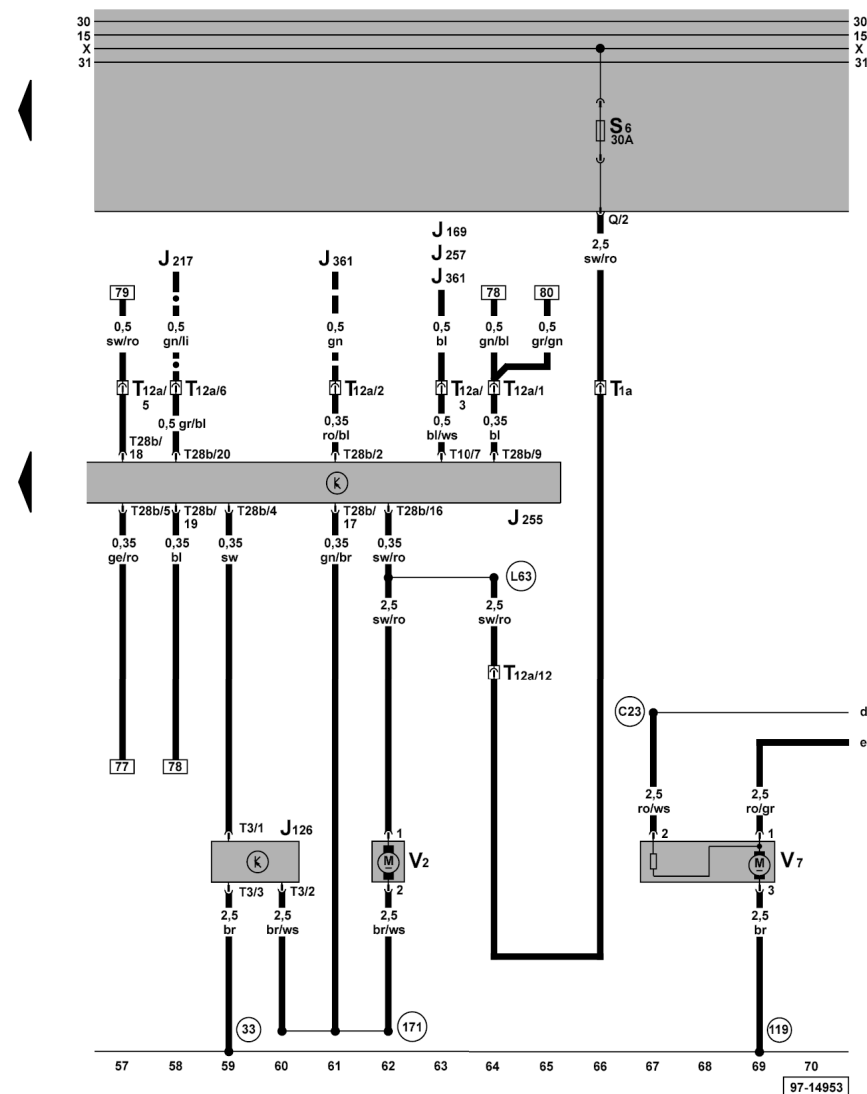
Valve strip, ambient temperature sensor, dash panel temperature sensor, fresh air duct temperature sensor

- E15 - Heated rear window switch
- E20 - Switches and instruments - lighting control
- G17 - Ambient temperature sensor
- G56 - Dash panel temperature sensor
- G89 - Fresh air intake duct temperature sensor
- J255 - Climatronic control unit
- K - Dash panel insert
- L15 - Ashtray light bulb
- N53 - Vacuum valve strip
- R - Radio
- T5d - 5-pin connector, centre behind dash panel
- T5f - 5-pin connector, on valve strip
- T8 - 8-pin connector, on radio
- T10 - 10-pin connector
- T12 - 12-pin connector
- T12a - 12-pin connector, behind the relay plate
- T28 - 28-pin connector, on dash panel insert
- T28b - 28-pin connector
- U1 - Cigarette lighter
- V42 - Temperature sensor blower
- W6 - Glove box light
- W15 - Interior light with switch-off delay
- 80 - Earth connection -1-, in instruments wiring harness
- A11 - Positive (+) connection (58b), in wiring harness for instruments
- A20 - Connection (15a), in dash panel wiring harness
- L18 - Connection (15), in Climatronic controls wiring harness

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Fresh air blower, blower control unit, radiator fan

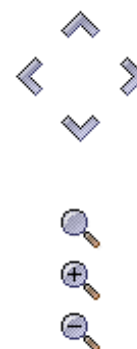
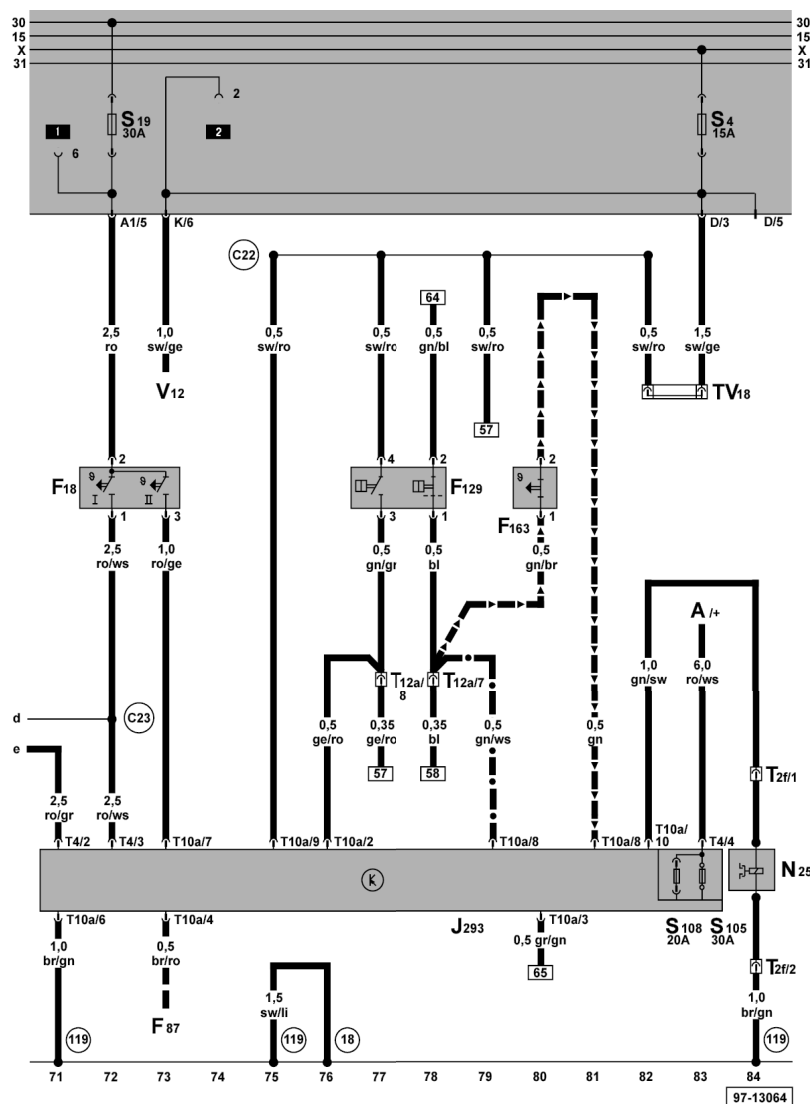
- J126 - Fresh air blower control unit
- J169 - Digifant control unit, for vehicles with engine code ABF only
- J217 - Automatic gearbox control unit
- J255 - Climatronic control unit
- J257 - Mono-Motronic control unit, for vehicles with engine code ADZ only
- J361 - Simos control unit, for vehicles with engine code AGG and AFT only
- T1a - Single connector, behind the relay plate
- T3 - 3-pin connector, right behind dash panel
- T10 - 10-pin connector
- T12a - 12-pin connector, behind the relay plate
- T28b - 28-pin connector
- V2 - Fresh air blower
- V7 - Radiator fan
- 33 - Earth point, behind dash panel, right
- 119 - Earth connection -1-, in headlight wiring harness
- 171 - Earth connection -2-, in Climatronic controls wiring harness
- C23 - Connection (blower speed I), in headlight/air conditioner wiring harness
- L63 - Positive connection (Xa), in Climatronic control wiring harness
- For vehicles with engine code AGG and AFT only
- ■ ■ Automatic gearbox only

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Magnetic coupling, coolant fan control unit, pressure switch for air conditioning system

- A - Battery
- F18 - Radiator fan thermo-switch
- F87 - Fan run-on thermo-switch
- F129 - Air conditioner pressure switch
- F163 - Air conditioner shut-off thermo-switch
- J293 - Radiator fan control unit
- N25 - Air conditioning system magnetic coupling
- S105 - Radiator fan fuse, 2nd speed
- S108 - Radiator fan 1st speed and magnetic coupling fuse
- T2f - 2-pin connector, near compressor
- T4 - 4-pin connector
- T10a - 10-pin connector
- T12a - 12-pin connector
- TV18 - Terminal Xa junction box, above the relay plate
- V12 - Rear window wiper motor
- 18 - Earth point, on cylinder block
- 119 - Earth connection -1-, in headlight wiring harness
- C22 - Connection (x), in headlight/air conditioner wiring harness
- C23 - Connection (bower speed I), in headlight/air conditioner wiring harness
- - - - - For vehicles with AGG engine code only
- - For vehicles with AGG/ADZ engine code only
- ▶■ - For vehicles with ABF engine code only

97-13064