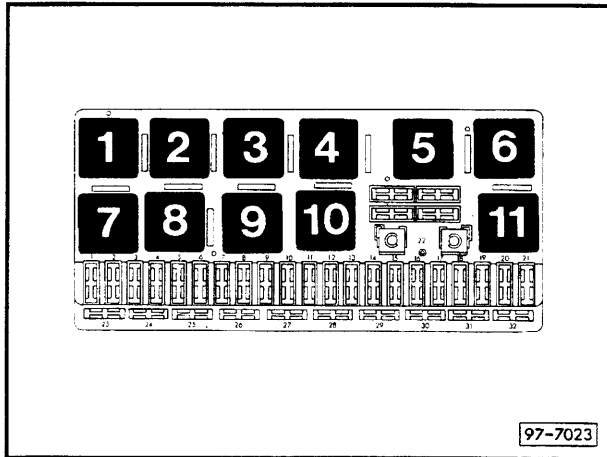


Digital air conditioner, 5-cylinder (2.2 litre Motronic, 169 kW – S2)

from October 1992

Positions of relays
also see "Fitting Locations"

Relay plate with fuse holder:



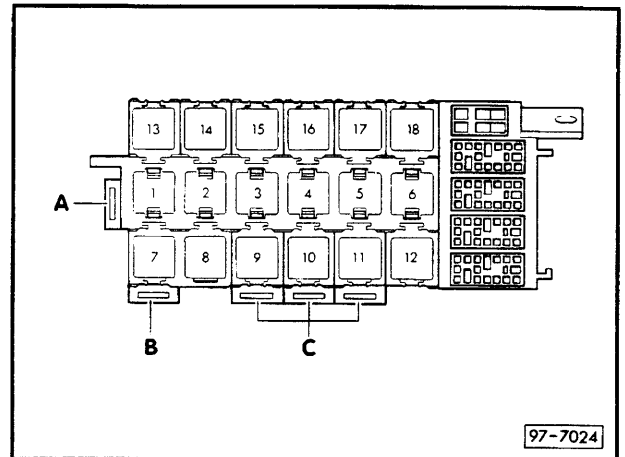
Relay positions:

- 3** – Relay for radiator fan, 1st stage
- 11** – Relay for radiator fan, 2nd stage

Fuse colours

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

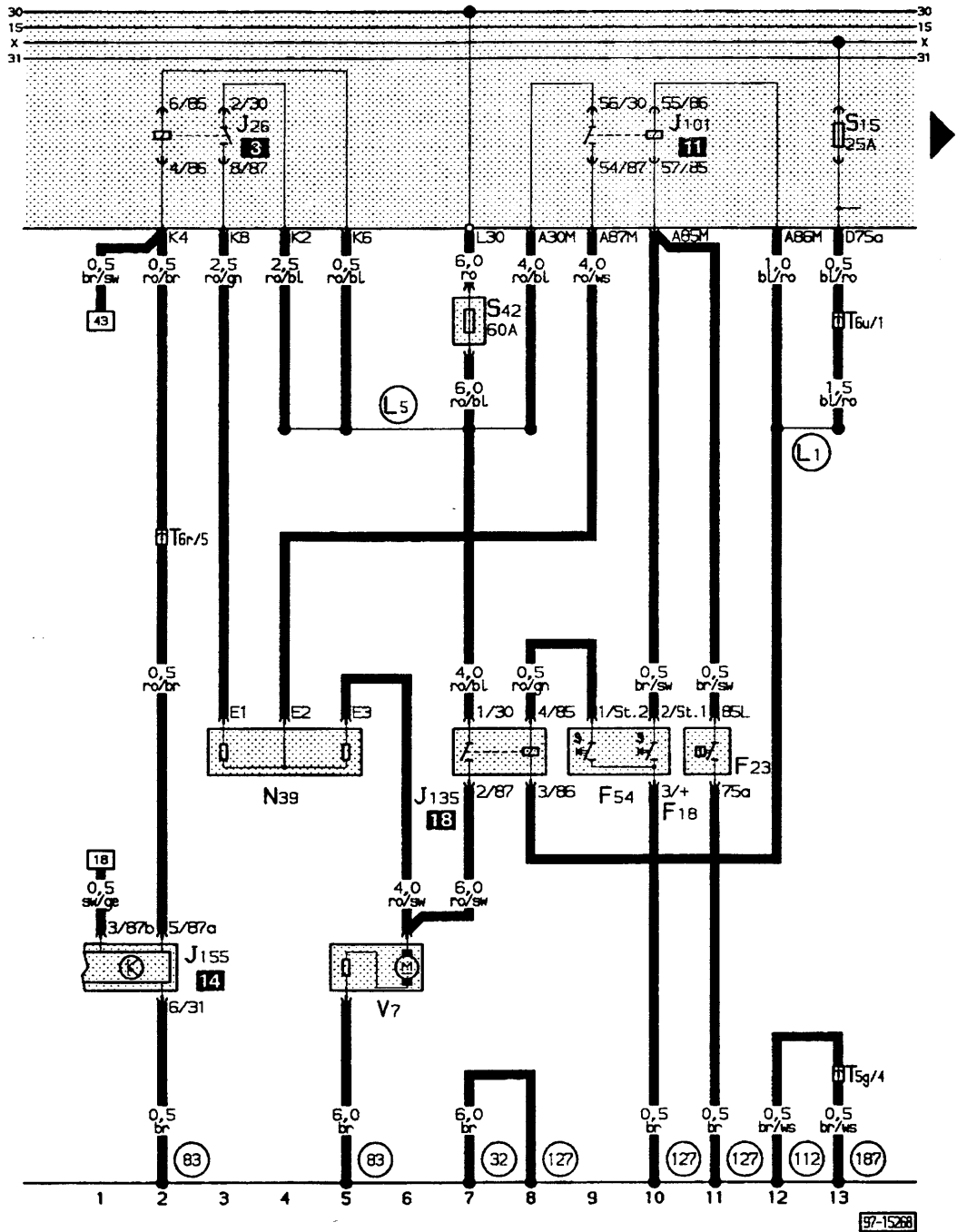
Auxiliary relay carrier, front
(under dash panel, left)



Relay positions:

- 4** – Control unit for magnetic clutch
- 14** – Control unit for coolant pump/turbocharger
- 18** – Relay for radiator fan (full load)
- A** – Separate fuse for fan

Digital air conditioner, 5-cylinder (2.2 litre Motronic, 169 kW – S2)

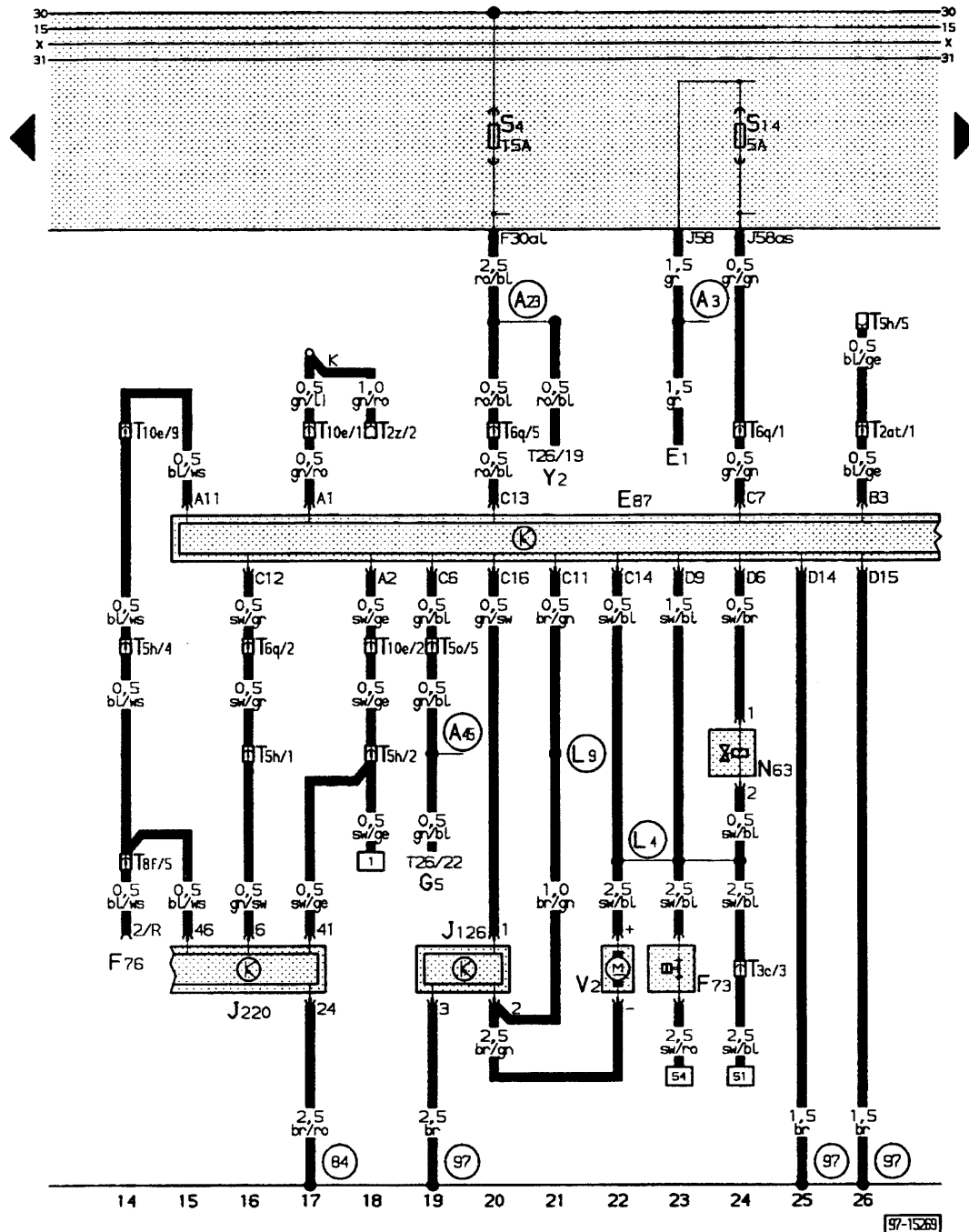


Wiring colours:

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

- F 18 – Radiator fan thermo switch
- F 23 – High pressure switch for air conditioner
- F 54 – Radiator fan thermo switch
- J 26 – Radiator fan relay
- J 101 – Radiator fan 2nd stage relay
- J 135 – Relay for radiator fan 3rd stage
- J 155 – Switch unit for coolant pump/turbocharger relay carrier
- N 39 – Radiator fan series resistance
- S 42 – Separate fuse for radiator fan
- T 5g – Connector 5 pin, green, connector point in aux. relay carrier
- T 6r – Connector 6 pin, black, behind dash panel, left
- T 6u – Connector 6 pin, green, behind dash panel, left
- V 7 – Radiator fan
- Ⓢ2 – Earth point, behind dash panel, left
- Ⓢ3 – Earth connection – 1 –, in front right wiring loom
- Ⓢ112 – Earth connection – 2 –, in air conditioner wiring loom
- Ⓢ127 – Earth connection – 1 –, in A.C. compressor wiring loom
- Ⓢ187 – Earth connection – 2 –, in A.C. compressor wiring loom
- ⓈL1 – Positive (+) connection (75), in air conditioner wiring loom
- ⓈL5 – Connection – 1 –, in A.C. unit wiring loom

Digital air conditioner, 5-cylinder (2.2 litre Motronic, 169 kW – S2)



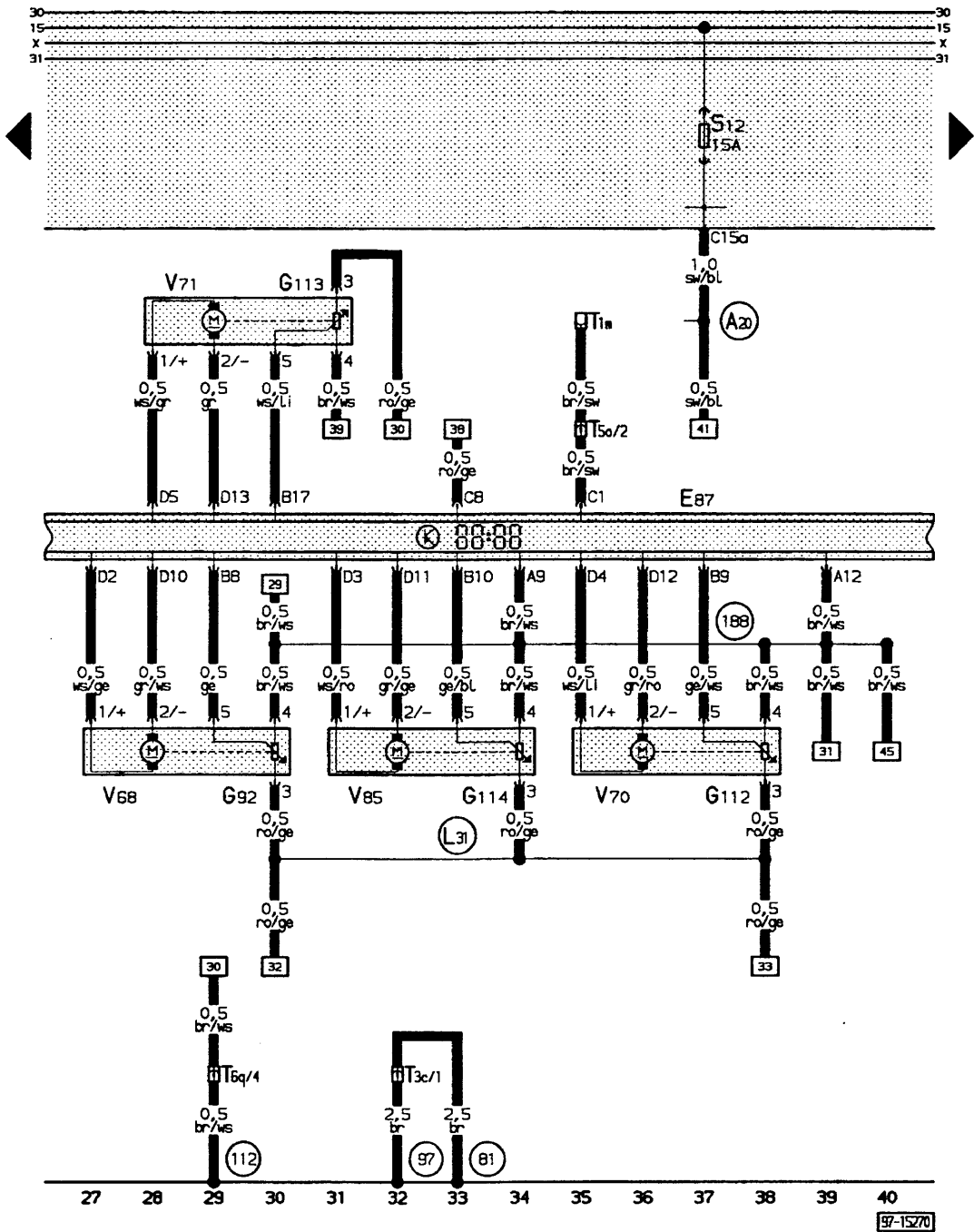
Wiring colours:

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

- E 1 – Lighting switch
- E 87 – Operating and display unit for air conditioner
- F 73 – Low pressure switch for air conditioner
- F 76 – Electronic thermostats
- G 5 – Rev. counter
- J 126 – Control unit for blower
- J 220 – Control unit for motronic
- N 63 – Two-way valve for fresh and recirculating air flap
- T 2z – Connector 2 pin, white, in plenum chamber near relay plate (diagnosis plug)
- T 2at – Connector 2 pin, black, behind dash panel, centre
- T 3c – Connector 3 pin, brown, behind dash panel, centre
- T 5h – Connector 5 pin, red, behind dash panel, left
- T 5o – Connector 5 pin, red, behind dash panel, centre
- T 6q – Connector 6 pin, red, near fuse box
- T 8f – Connector 8 pin, in engine compartment, right
- T 10e – Connector 10 pin, red, behind dash panel, centre
- T 26 – Connector 26 pin, yellow, on dash panel insert
- V 2 – Fresh air blower
- Y 2 – Digital clock
- (84) – Earth connection, engine block, in front right wiring loom
- (97) – Earth connection – 1 –, in air conditioner wiring loom
- (A3) – Positive (+) connection (58), in dash panel wiring loom
- (A23) – Connection (30al), in dash panel wiring loom
- (A45) – Connection (engine speed signal), in dash panel wiring loom
- (L4) – Connection (75al), in air conditioner wiring loom
- (L9) – Connection – 1 –, in air conditioner wiring loom
- K – Wiring adaptor for diagnosis plug (K-wire)

Note: Wiring adaptors are mounted on frame of relay carrier (in plenum chamber).

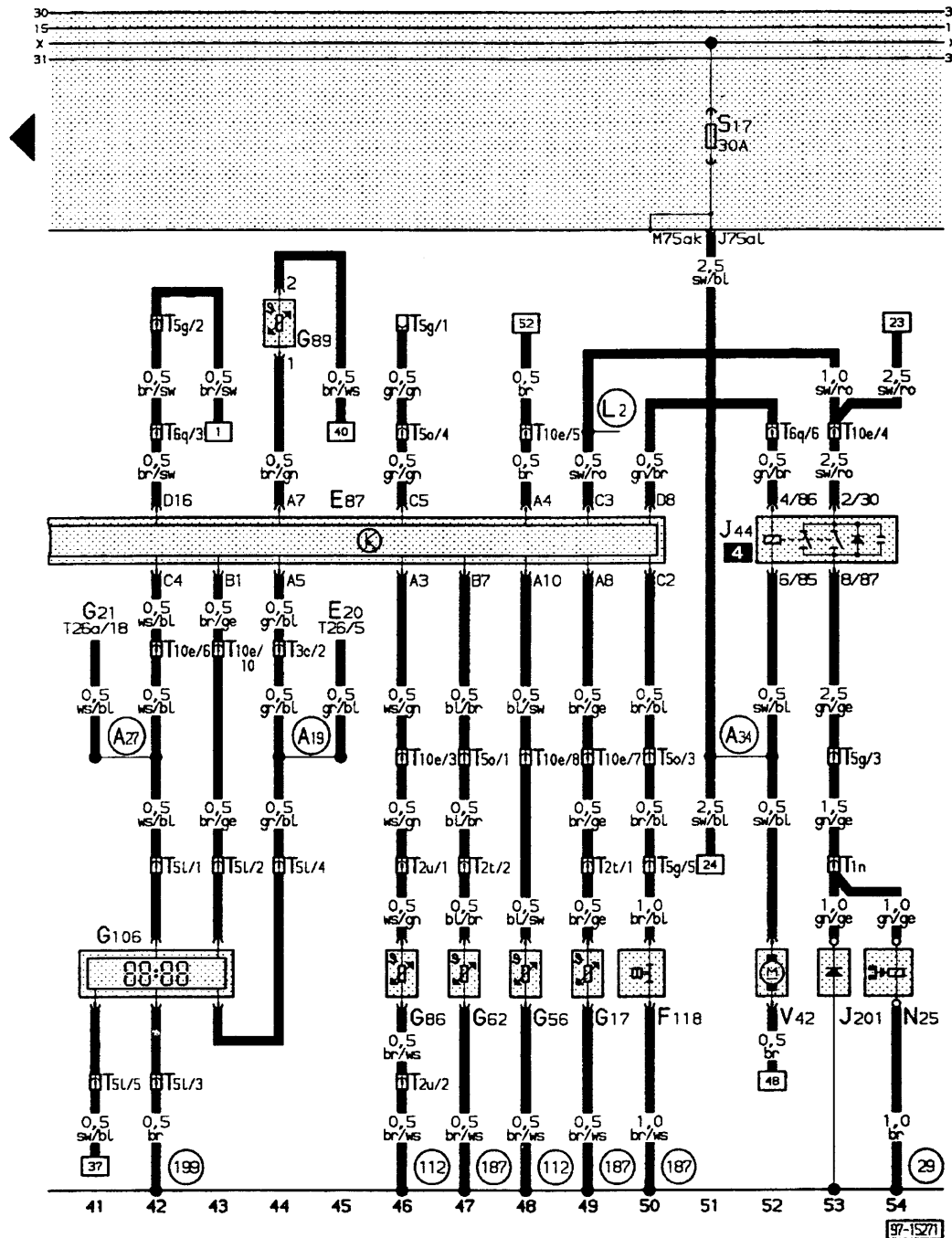
Digital air conditioner 5-cylinder (2.2 litre Motronic, 169 kW – S2)



Wiring colours:
 bl = blue
 br = brown
 ge = yellow
 gn = green
 gr = grey
 li = purple
 ro = red
 sw = black
 ws = white

- E 87 – Operating and display unit for air conditioner
- G 92 – Potentiometer – temperature flap control motor
- G 112 – Potentiometer – central flap control motor
- G 113 – Potentiometer – air flow flap control motor
- G 114 – Potentiometer – positioning motor for footwell/defrost flap
- T 1m – Connector single, red, behind dash panel, left
- T 3c – Connector 3 pin, brown, behind dash panel, centre
- T 50 – Connector 5 pin, red, behind dash panel, centre
- T 6q – Connector 6 pin, red, behind dash panel, centre
- V 68 – Motor for temperature flap
- V 70 – Positioning motor for central flap
- V 71 – Positioning motor for air flow flap
- V 85 – Footwell/defroster control motor
- (81) – Earth connection – 1 –, in dash panel wiring loom
- (88) – Earth connection – 3 –, in A.C. wiring loom
- (A20) – Connection (15a), in dash panel wiring loom
- (L13) – Positive (+) connection (75 al), in fresh air blower wiring loom
- (112) – Earth connection – 2 –, in air conditioner wiring loom
- (97) – Earth connection – 1 –, in air conditioner wiring loom

Digital air conditioner, 5-cylinder (2.2 litre Motronic, 169 kW – S2)



Wiring colours:

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

- E 20 – Switches and instruments – lighting control
- E 87 – Operating and display unit for air conditioner
- F 118 – High pressure switch for magnetic clutch
- G 17 – Ambient temperature sensor
- G 21 – Speedometer
- G 56 – Temperature sensor – Dash panel
- G 62 – Sender for coolant temperature
- G 86 – Temperature sensor – roof
- G 89 – Temperature sensor – fresh air intake duct
- G 106 – Ambient temperature indicator
- J 44 – Magnetic clutch relay
- J 201 – Protective diode
- N 25 – Air conditioner magnetic clutch
- T 1n – Connector single, green, near compressor
- T 2t – Connector 2 pin, brown, behind dash panel, left
- T 2u – Connector 2 pin, red, behind dash panel, left
- T 3c – Connector 3 pin, brown, behind dash panel, centre
- T 5g – Connector 5 pin, green, connector point in aux. relay carrier
- T 5l – Connector 5 pin, yellow, mounted on dash panel insert
- T 5o – Connector 5 pin, red, behind dash panel, centre
- T 6q – Connector 6 pin, red, behind dash panel, centre

- T 10e – Connector 10 pin, red, behind dash panel, centre
- T 26 – Connector 26 pin, yellow, on dash panel insert
- T 26a – Connector 26 pin, blue, on dash panel insert
- V 42 – Blower for temperature sensor
- 29 – Earth point, near compressor
- 112 – Earth connection – 2 –, in air conditioner wiring loom
- 187 – Earth connection – 2 –, in A.C. compressor wiring loom
- 199 – Earth connection – 3 –, in dash panel wiring loom
- A19 – Connection (58d), in dash panel wiring loom
- A27 – Connection (speed signal), in dash panel wiring loom
- A34 – Connection (75x), in dash panel wiring loom
- L2 – Connection in air conditioner wiring loom