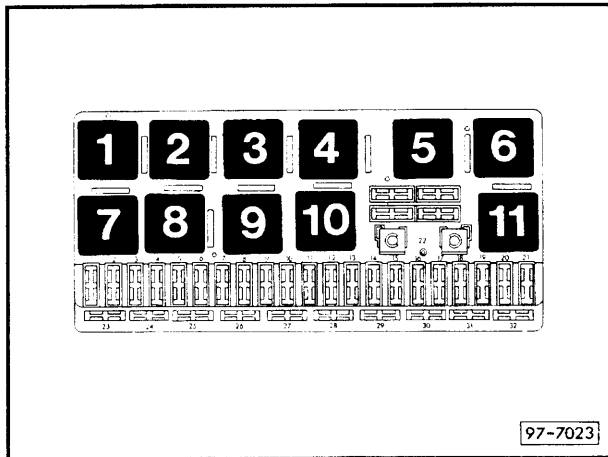


# Digital air conditioner with manual gearbox, 5-cylinder (2.3 litre KE-III-Jetronic 98 kW)

from July 1993

Position of relays  
also see "Fitting Locations"

Relay plate with fuse holder:



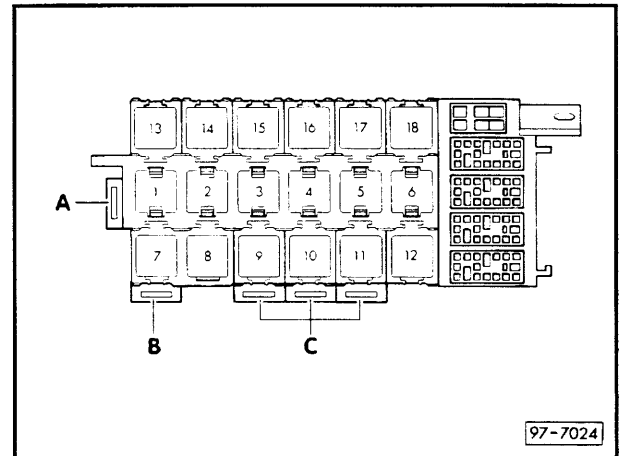
Relay positions:

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

Fuse colours

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

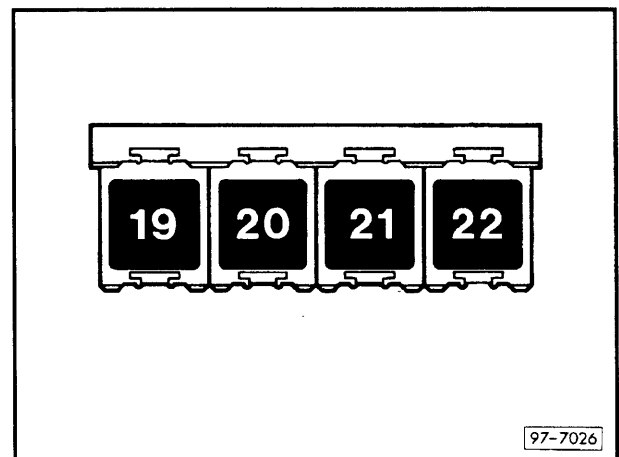
Auxiliary relay carrier, front  
(under dash panel, left)



Relay positions:

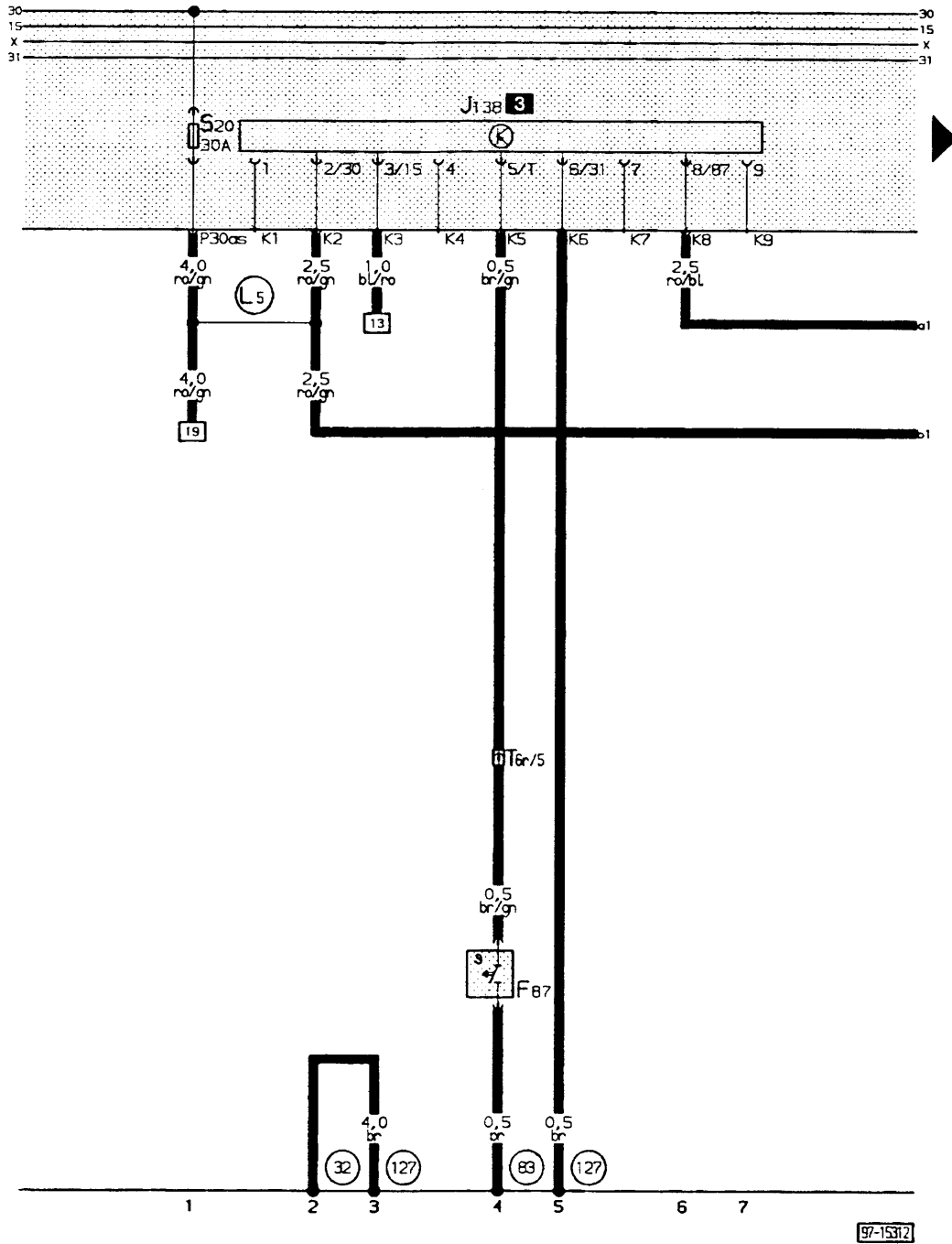
- 4** – Control unit for magnetic clutch

Auxiliary relay carrier, rear  
(under rear seat, left)



Relay positions:

Digital air conditioner with manual gearbox, 5-cylinder (2.3 litre KE-III-Jetronic 98 kW)

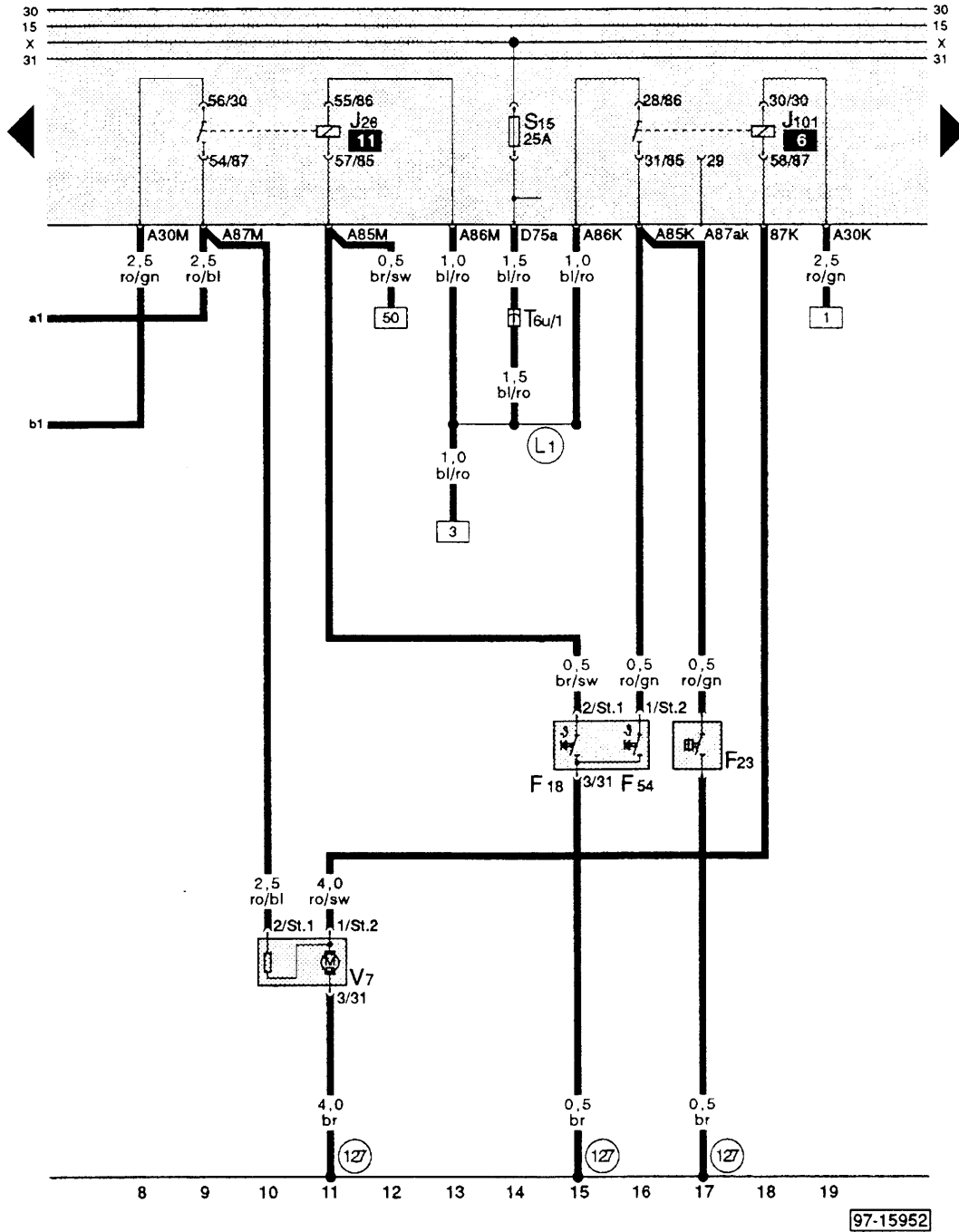


**Wiring colours:**

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

- F 87 – Thermo switch for radiator fan run-on
- J 138 – Control unit for radiator fan run-on
- T 5g – Connector 5 pin, green, connector point in auxiliary relay carrier
- T 6r – Connector 6 pin, black, behind dash panel, left
- Ⓣ2 – Earth point, behind dash panel, left
- Ⓣ3 – Earth connection – 1 –, in front right wiring loom
- Ⓣ7 – Earth connection – 1 –, in A.C. compressor wiring loom
- Ⓣ5 – Connection – 1 –, in evaporator housing wiring loom

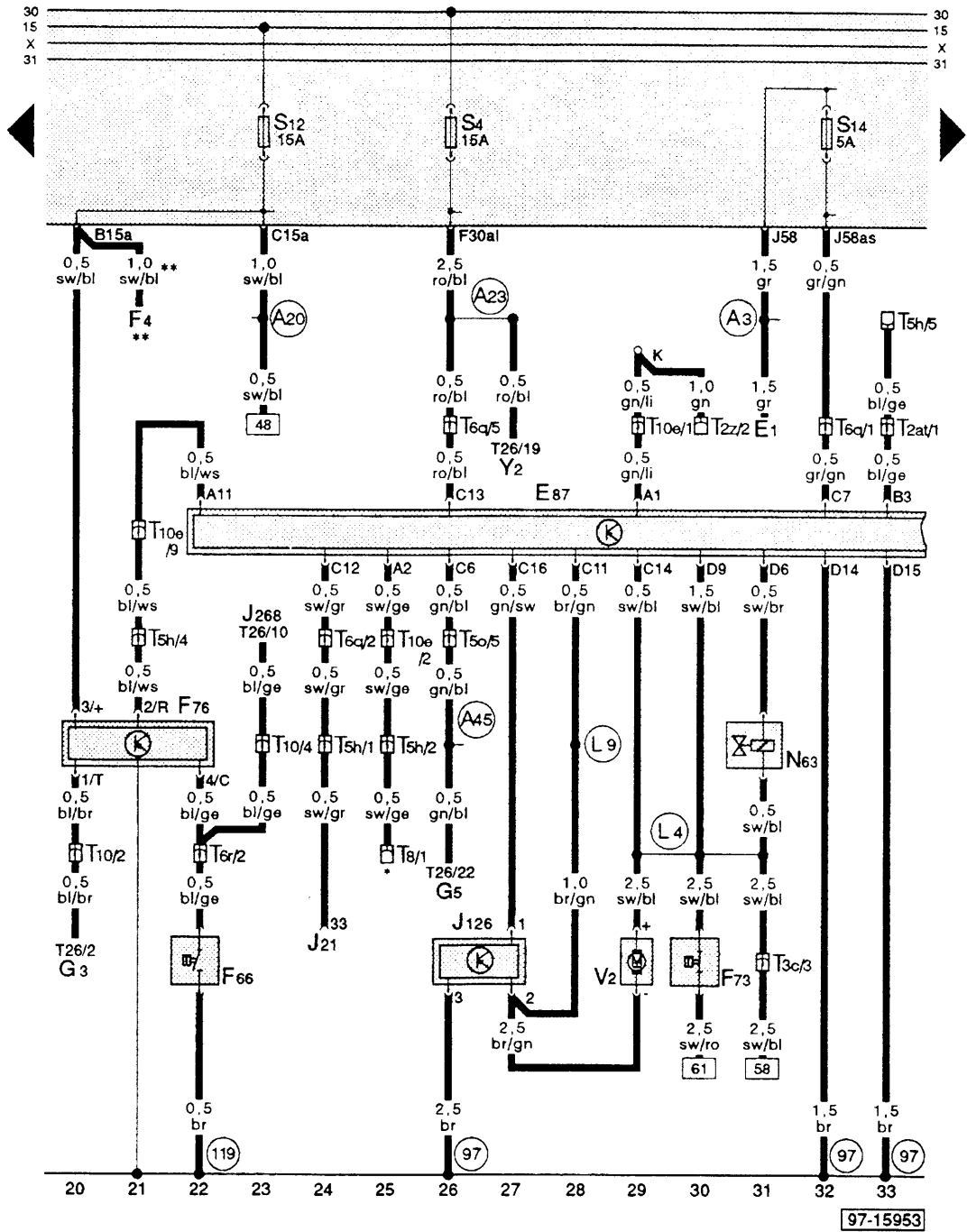
Digital air conditioner with manual gearbox, 5-cylinder (2.3 litre KE-III-Jetronic 98 kW)



**Wiring colours:**  
 ws = white  
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- 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
- T 6u – Connector 6 pin, green, behind dash panel, left
- V 7 – Radiator fan
- (127) – Earth connection, – 1 – in A.C. compressor wiring loom
- (L1) – Positive (+) connection (75), in air conditioner wiring loom

Digital air conditioner with manual gearbox, 5-cylinder (2.3 litre KE-III-Jetronic 98 kW)



Wiring colours:

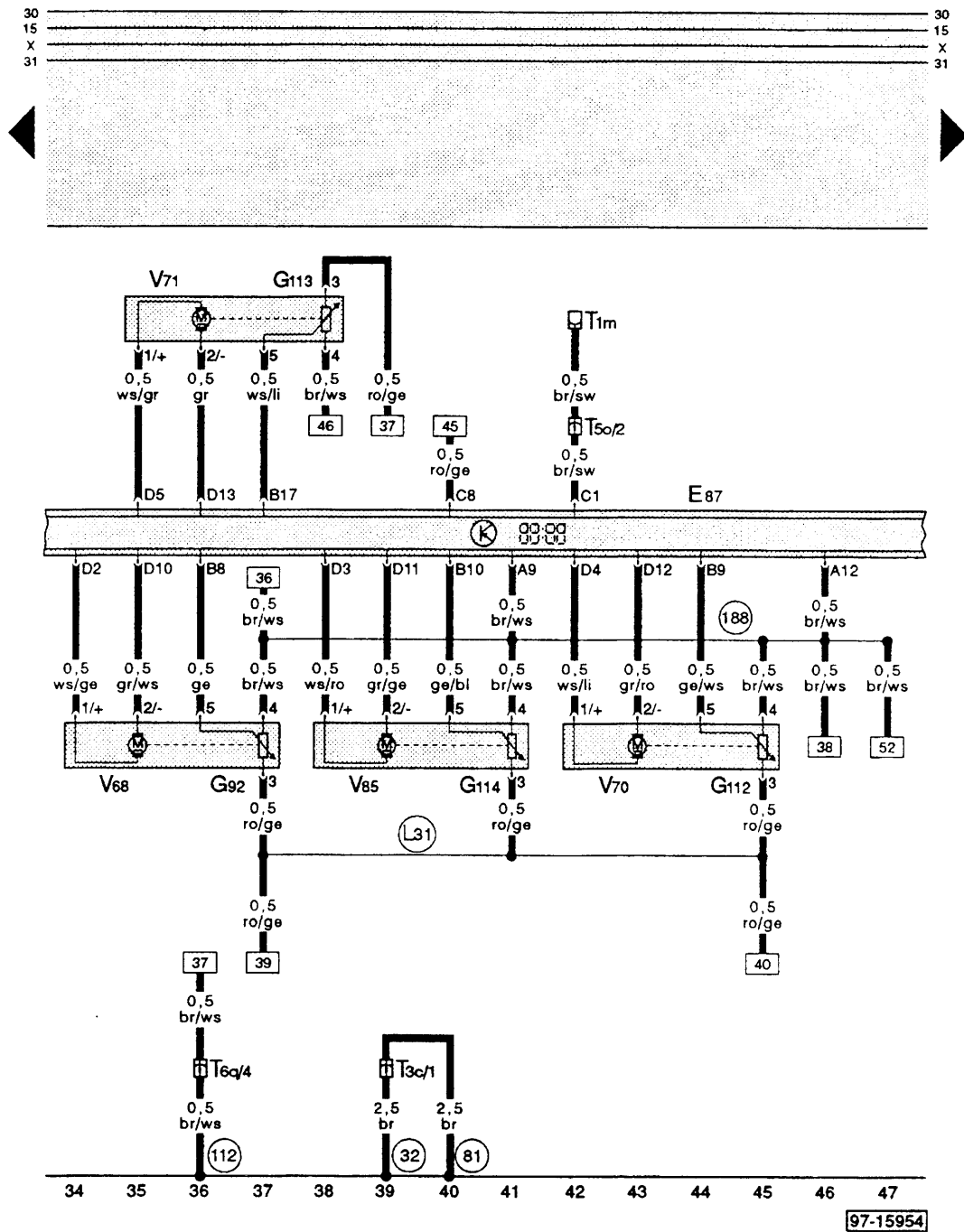
- ws = white
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- ge = yellow

- E 1 - Lighting switch
- E 87 - Operating and display unit for air conditioner
- F 4 - Reversing light switch
- F 66 - Coolant shortage indicator switch
- F 73 - Low pressure switch for air conditioner
- F 76 - Electronic thermostwitch
- G 3 - Coolant temperature gauge
- G 5 - Rev. counter
- J 21 - KE Jetronic control unit
- J 126 - Switch unit for blower
- J 268 - Control unit for mini-check system
- N 63 - Two-way valve for fresh and recirculating air flap
- T 2z - Connector 2 pin, black, in plenum chamber near relay plate (diagnosis plug)
- 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, behind dash panel, centre
- T 6r - Connector 6 pin, black, behind dash panel, left
- T 8 - Connector 8 pin, behind dash panel (coding plug)
- T 10 - Connector 10 pin, black, connector point in aux. relay carrier
- 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
- 97 - Earth connection - 1 -, in air conditioner wiring loom
- 119 - Earth connection - 1 -, in headlight wiring loom
- A3 - Positive (+) connection (58), in dash panel wiring loom
- A20 - Connection (15a), in dash panel wiring loom
- A23 - Connection (30a), in dash panel wiring loom
- A45 - Connection (engine speed signal), in dash panel wiring loom
- L4 - Connection (75a), in air conditioner wiring loom
- L9 - Connection - 1 -, in air conditioner wiring loom
- \*
- \*\* - coding plug not used
- only on vehicles with manual gearbox
- K - wiring adapter for diagnosis plug (K-wire)

Note: Wiring adapters are screwed onto frame of relay carrier (in plenum chamber).

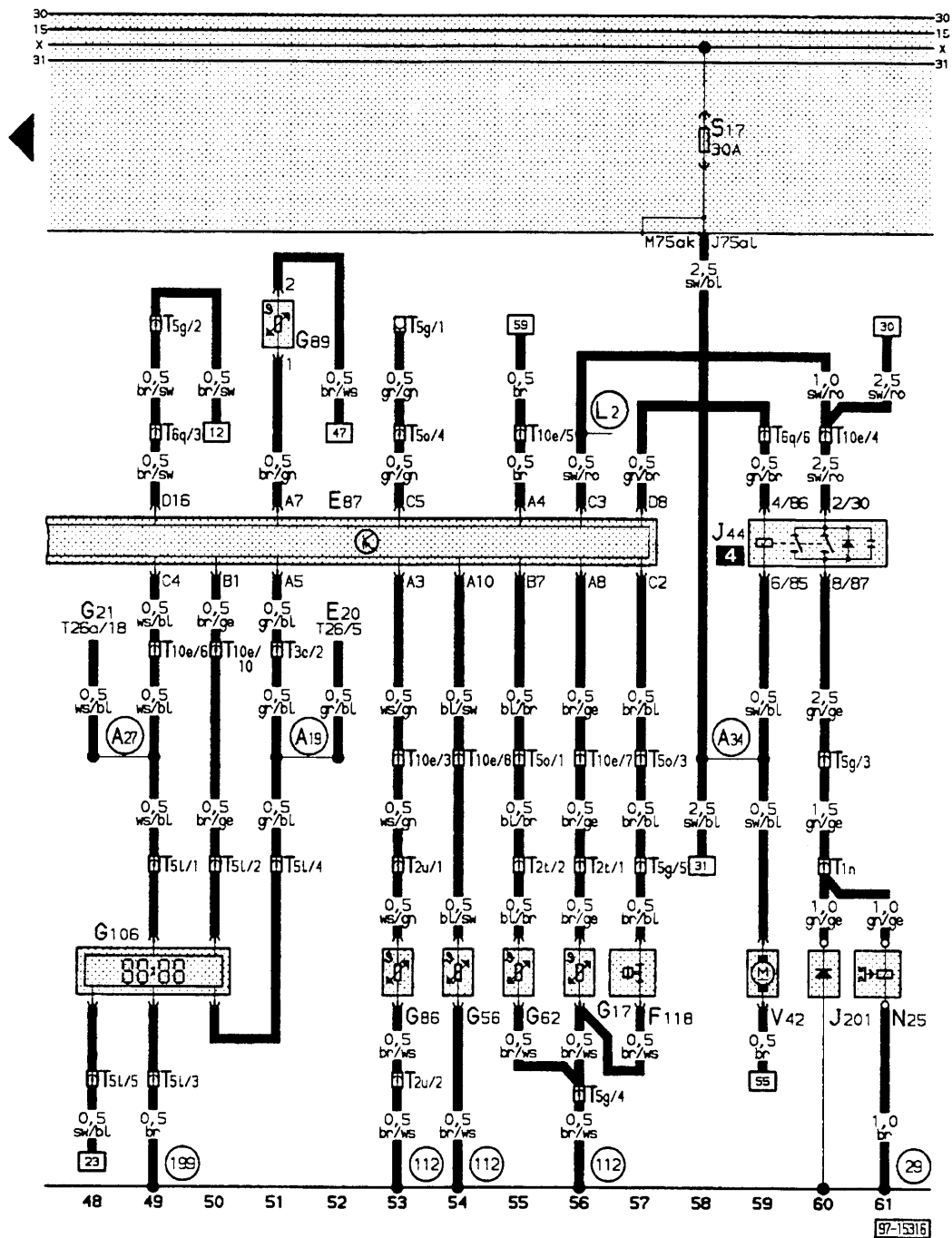
Digital air conditioner with manual gearbox, 5-cylinder (2.3 litre KE-III-Jetronic 98 kW)



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

- 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 – Positioning motor for temperature flap
- V 70 – Positioning motor for central flap
- V 71 – Positioning motor for air flow flap
- V 85 – Footwell/defroster flap control motor
- (81) – Earth connection – 1 –, in dash panel wiring loom
- (97) – Earth connection – 1 –, in air conditioner wiring loom
- (112) – Earth connection – 2 –, in air conditioner wiring loom
- (188) – Earth connection – 3 –, in A.C. wiring loom
- (L31) – Connection (5 V), in A.C. wiring loom

Digital air conditioner with manual gearbox, 5-cylinder (2.3 litre KE-III-Jetronic 98 kW)



Wiring colours:

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- li = purple
- ge = yellow

- |   |  |
|---|--|
| <ul style="list-style-type: none"> <li>E 20 – Switches and instruments – lighting control</li> <li>E 87 – Operating and display unit for air conditioner</li> <li>F 118 – High pressure switch for magnetic clutch</li> <li>G 17 – Ambient temperature sensor</li> <li>G 21 – Speedometer</li> <li>G 56 – Temperature sensor – Dash panel</li> <li>G 86 – Temperature sensor – roof</li> <li>G 89 – Temperature sensor – fresh air intake duct</li> <li>G 106 – Ambient temperature indicator</li> <li>J 44 – Magnetic clutch relay</li> <li>J 201 – Protective diode</li> <li>N 25 – Air conditioner magnetic clutch</li> <li>T 1n – Connector single, green, near compressor</li> <li>T 2t – Connector 2 pin, brown, behind dash panel, left</li> <li>T 2u – Connector 2 pin, red, behind dash panel, left</li> <li>T 3c – Connector 3 pin, brown, behind dash panel, centre</li> <li>T 5g – Connector 5 pin, green, connector point in aux. relay carrier</li> <li>T 5l – Connector 5 pin, yellow, mounted to dash panel insert</li> </ul> | <ul style="list-style-type: none"> <li>T 5o – Connector 5 pin, red, behind dash panel, centre</li> <li>T 6q – Connector 6 pin, red, behind dash panel, centre</li> <li>T 10e – Connector 10 pin, red, behind dash panel, centre</li> <li>T 26 – Connector 26 pin, yellow, on dash panel insert</li> <li>T 26a – Connector 26 pin, blue, on dash panel insert</li> <li>V 42 – Blower for temperature sensor</li> <li>Ⓣ29 – Earth point, near compressor</li> <li>Ⓣ112 – Earth connection – 2 –, in air conditioner wiring loom</li> <li>Ⓣ199 – Earth connection – 3 –, in dash panel wiring loom</li> <li>ⓉA19 – Connection (58d), in dash panel wiring loom</li> <li>ⓉA27 – Connection (speed signal), in dash panel wiring loom</li> <li>ⓉA34 – Connection (75x), in dash panel wiring loom</li> <li>ⓉL2 – Connection in air conditioner wiring loom</li> </ul> |
|---|--|