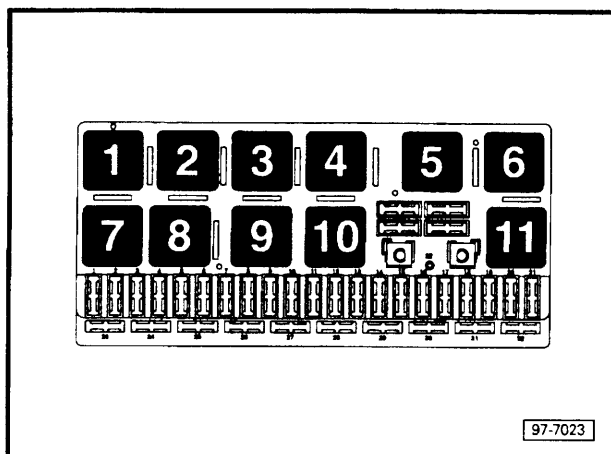


Audi 80 (2.0 litre fuel injection engine, 103 kW, K-Motronic, 4-cylinder), Engine code ACE

from July 1994

Position of relays
also see "Fitting Locations" section

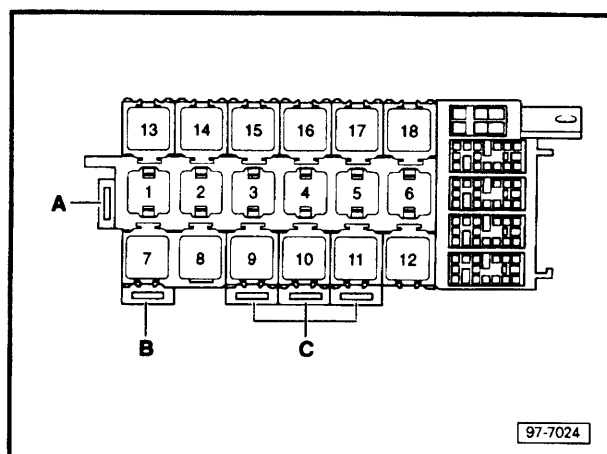
Relay plate with fuse holder:



Position of relays:

- 3** - Fan run-on control unit
- 8** - Jumper
- 10** - Fuel pump relay
- 11** - Radiator fan 2nd stage relay

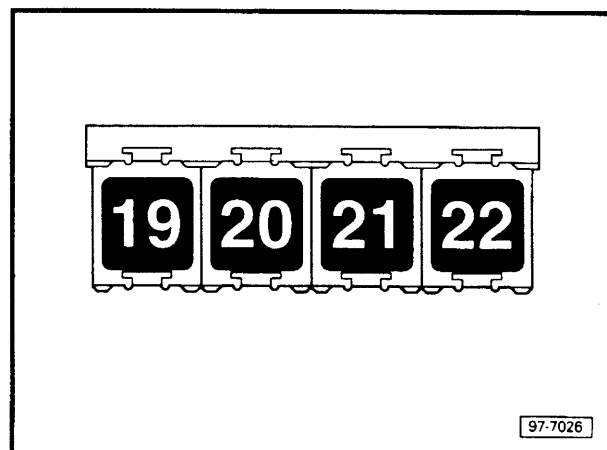
Auxiliary relay carrier, front
(under dash panel, left)



Position of relays:

- 18** - Radiator fan relay (full load)

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

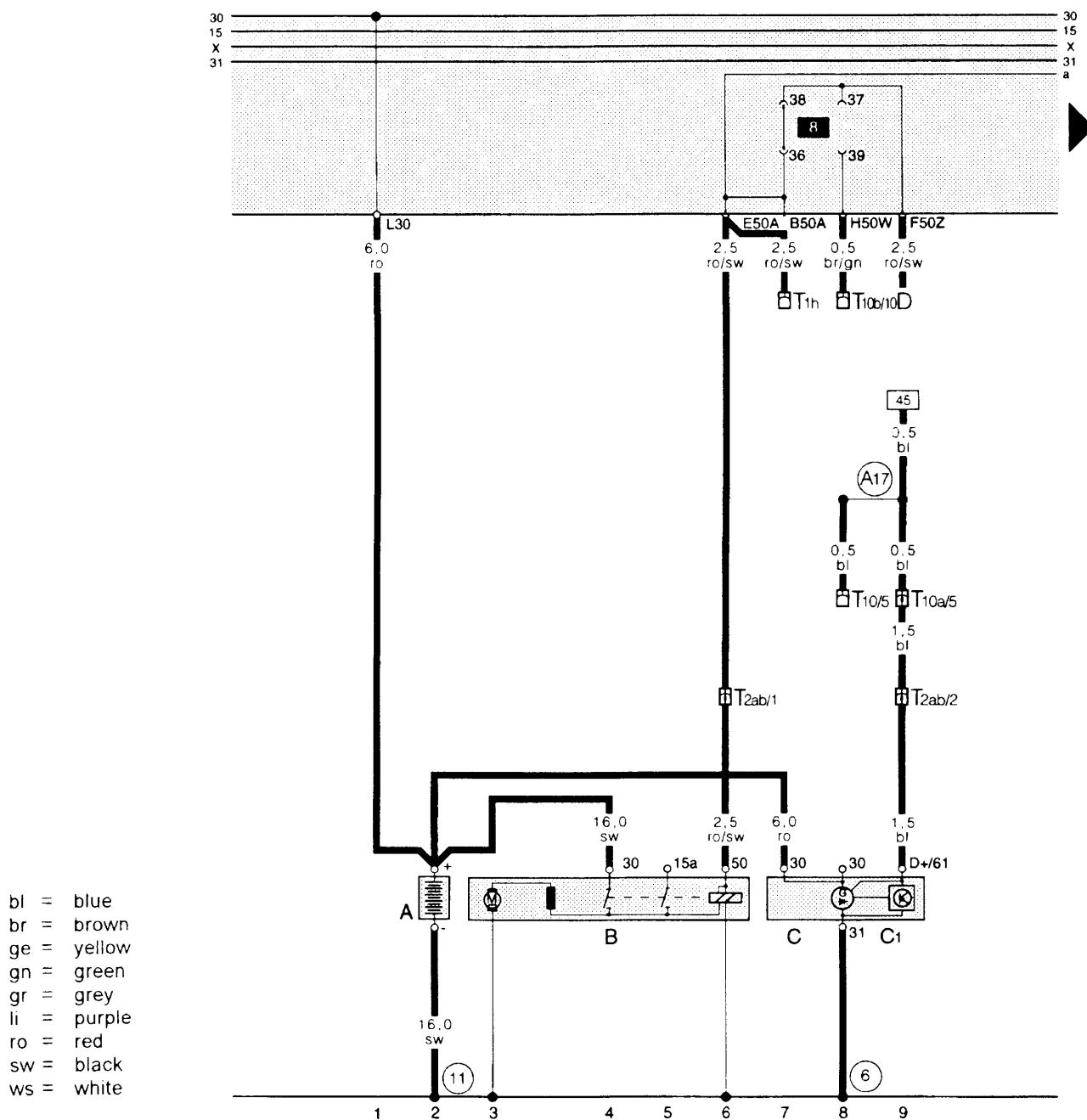


Position of relays:

Fuse colours:

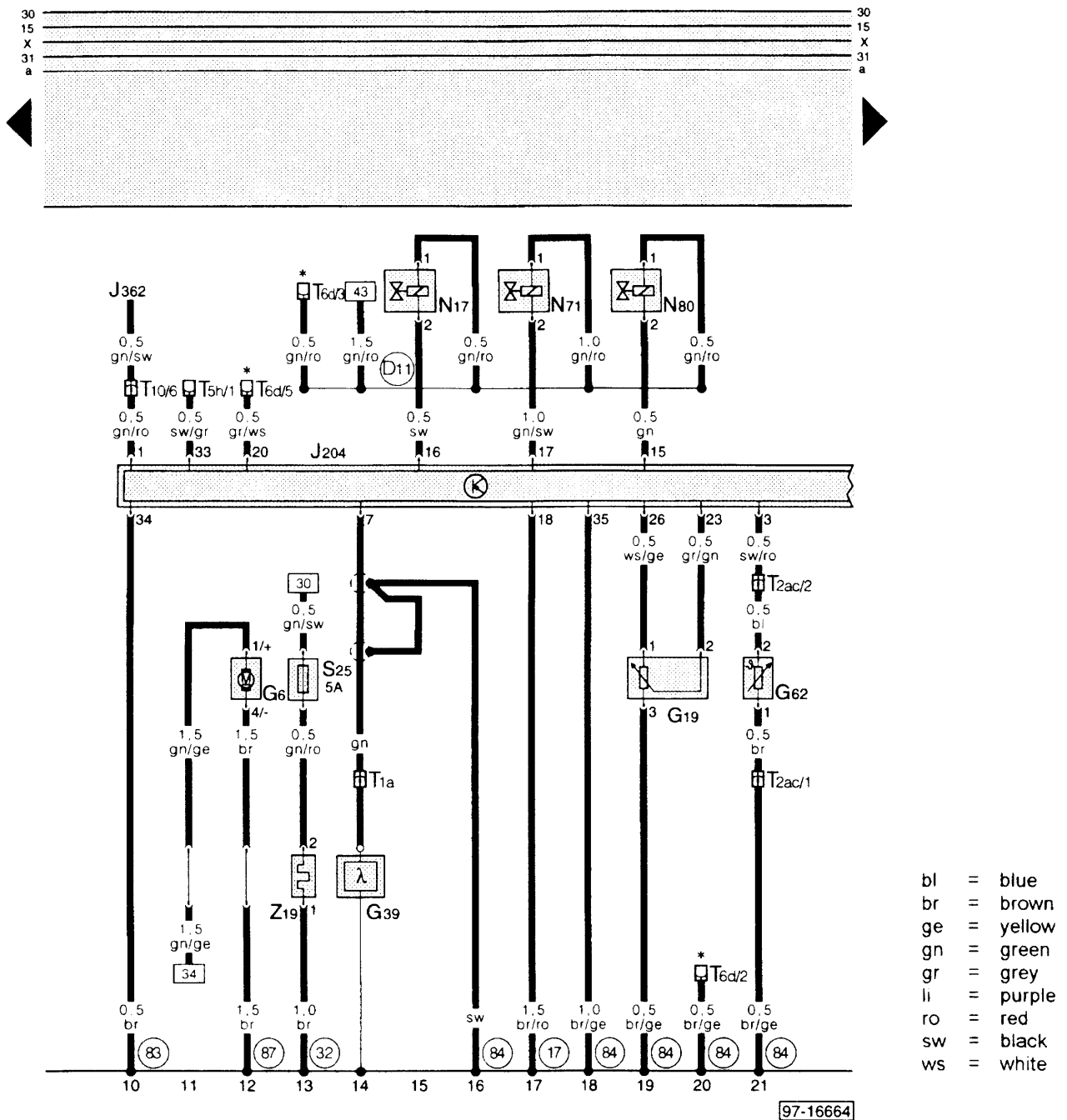
- 30 A - green
- 25 A - white
- 20 A - yellow
- 15 A - blue
- 10 A - red
- 5 A - beige

Battery, starter, alternator



- A - Battery
B - Starter
C - Alternator
C1 - Voltage regulator
D - Ignition/starter switch
T1h - Connector, single, red, behind dash panel, left (plug for automatic gearbox)
T2ab - Connector, 2-pin, grey, near starter
T10 - Connector, 10-pin, black, connector point in aux. relay carrier
T10a - Connector, 10-pin, yellow, connector point in aux. relay carrier
T10b - Connector, 10-pin, brown, connector point in aux. relay carrier

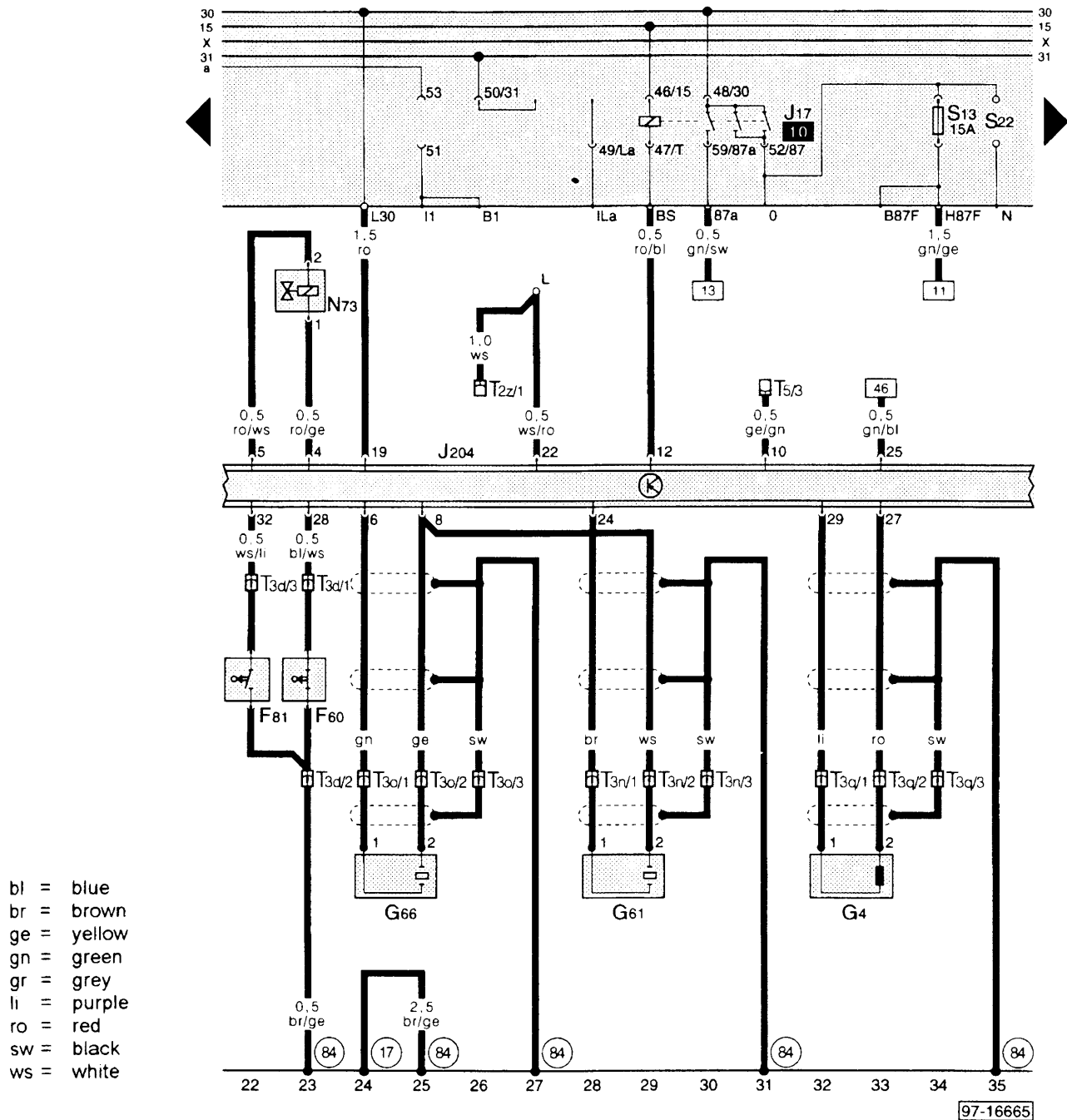
Electronic fuel injection, Lambda probe, fuel pump



- G 6 - Fuel pump (lift pump)
- G 19 - Potentiometer for air flow meter
- G 39 - Lambda probe
- G 62 - Coolant temperature sender
- J 204 - KE-Motronic control unit
- J 362 - Immobiliser control unit
- N 17 - Cold start valve
- N 71 - Idling speed stabilisation valve
- N 80 - Activated charcoal filter system solenoid valve 1
- S 25 - Separate fuse for Lambda probe heating (in aux. fuse box)
- T 1 a - Connector, single, in engine compartment, right
- T 2 ac - Connector, 2-pin, black, in engine compartment, centre
- T 5 h - Connector, 5-pin, red, behind dash panel, left
- T 6 d - Connector, 6-pin, black, behind dash panel (coding plug)
- T 10 - Connector, 10-pin, black, connector point in aux. relay carrier
- Z 19 - Lambda probe heating

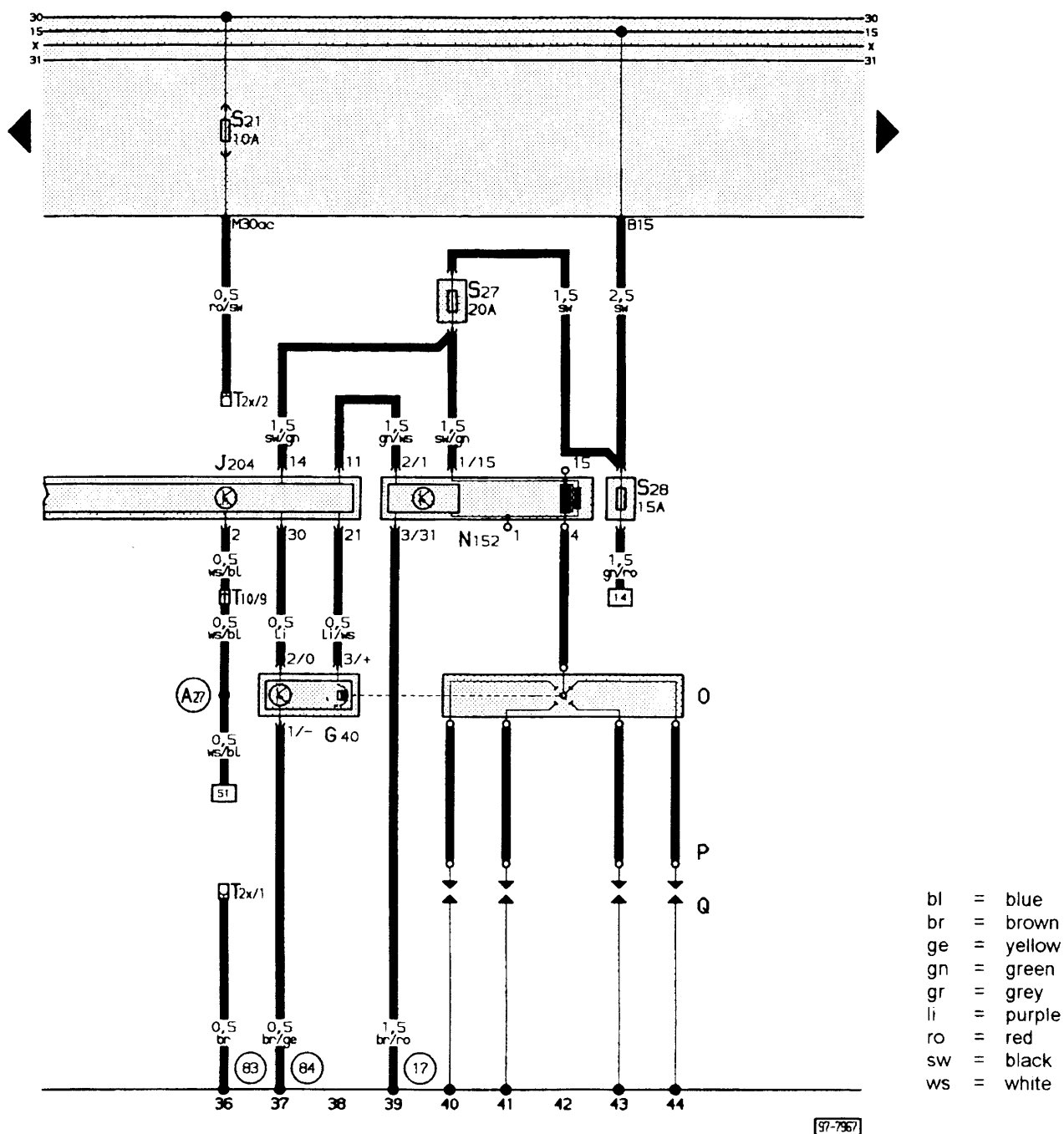
- (17) - Earth point, on intake manifold
- (32) - Earth point, behind dash panel, left
- (83) - Earth connection -1-, in front right wiring loom
- (84) - Earth connection, engine block, in front right wiring loom
- (87) - Earth connection -2-, in rear wiring loom
- (D11) - Positive (+) connection (15), via fuse 28 in front right wiring loom
- * - Coding plug not in use

Electronic fuel injection, fuel pump relay, knock control



- F 60 - Idling switch
F 81 - Full throttle switch
G 4 - Firing point sender
G 61 - Knock sensor I
G 66 - Knock sensor II
J 17 - Fuel pump relay
J 204 - KE-Motronic control unit
N 73 - Differential pressure regulator
T 2 2 - Connector, 2-pin, white, in plenum chamber near relay plate (diagnosis plug)
T 3 d - Connector, 3-pin, black, in engine compartment, right
T 3 n - Connector, 3-pin, green, for knock sensor, left
T 3 o - Connector, 3-pin, blue, for knock sensor, right
T 3 q - Connector, 3-pin, black, in engine compartment, right
T 5 - Connector, 5-pin, black, connector point in aux. relay carrier

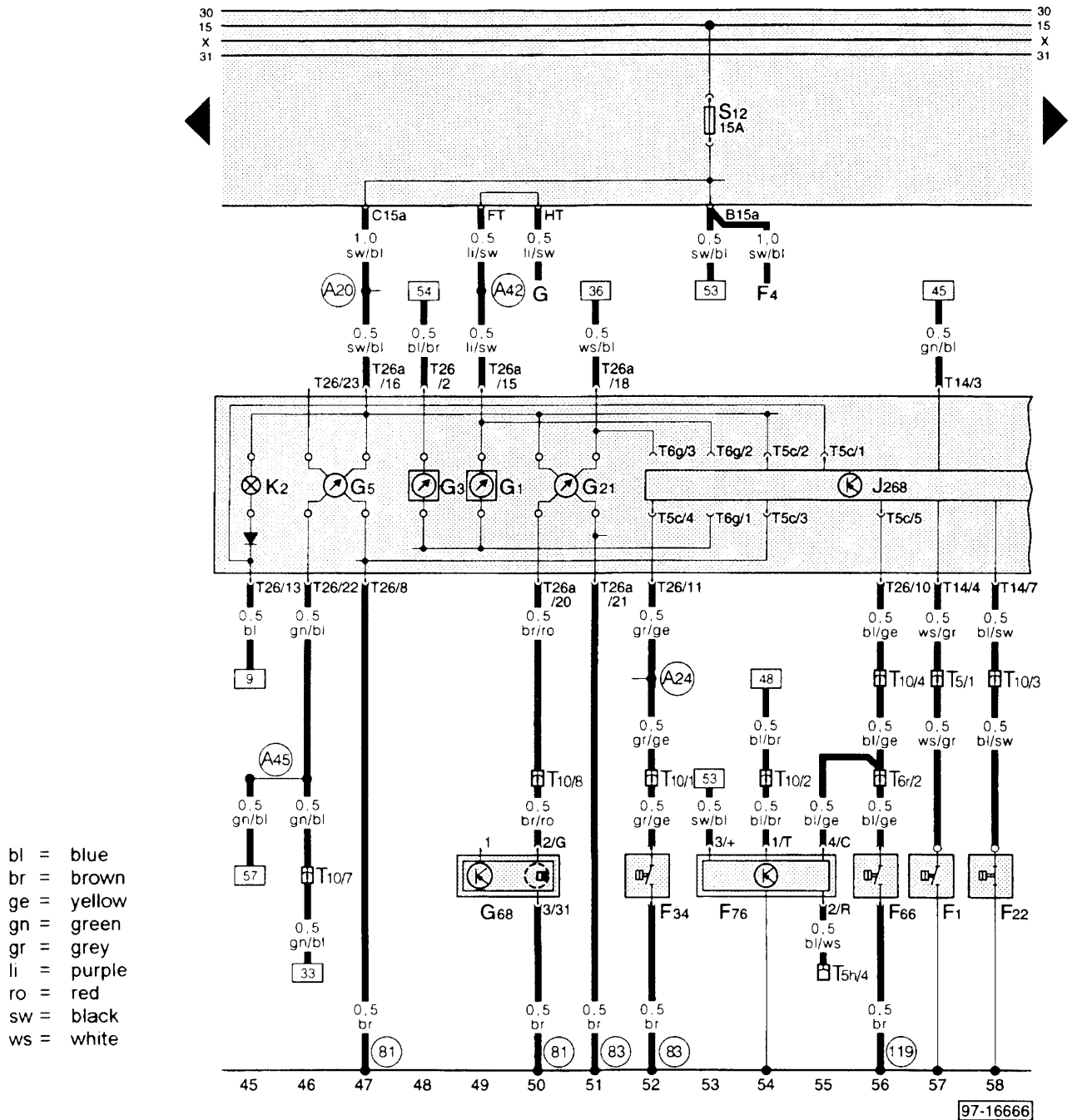
Electronic fuel injection, ignition system



- G 40 - Hall sender
J 204 - KE-Motronic control unit
N 152 - Ignition transformer
O - Ignition distributor
P - Spark plug connector
Q - Spark plugs
S 27 - Fuse in aux. fuse holder (engine management I - for electronic ignition system)
S 28 - Fuse in aux. fuse holder (engine management II - for Lambda control)
T 2 x - Connector, 2-pin, black, in plenum chamber near relay plate (diagnosis plug)
T 10 - Connector, 10-pin, black, connector point in aux. relay carrier

- (17) - Earth point, on intake manifold
(83) - Earth connection -1-, in front right wiring loom
(84) - Earth connection, engine block, in front right wiring loom
(A27) - Connection (speed signal), in dash panel wiring loom

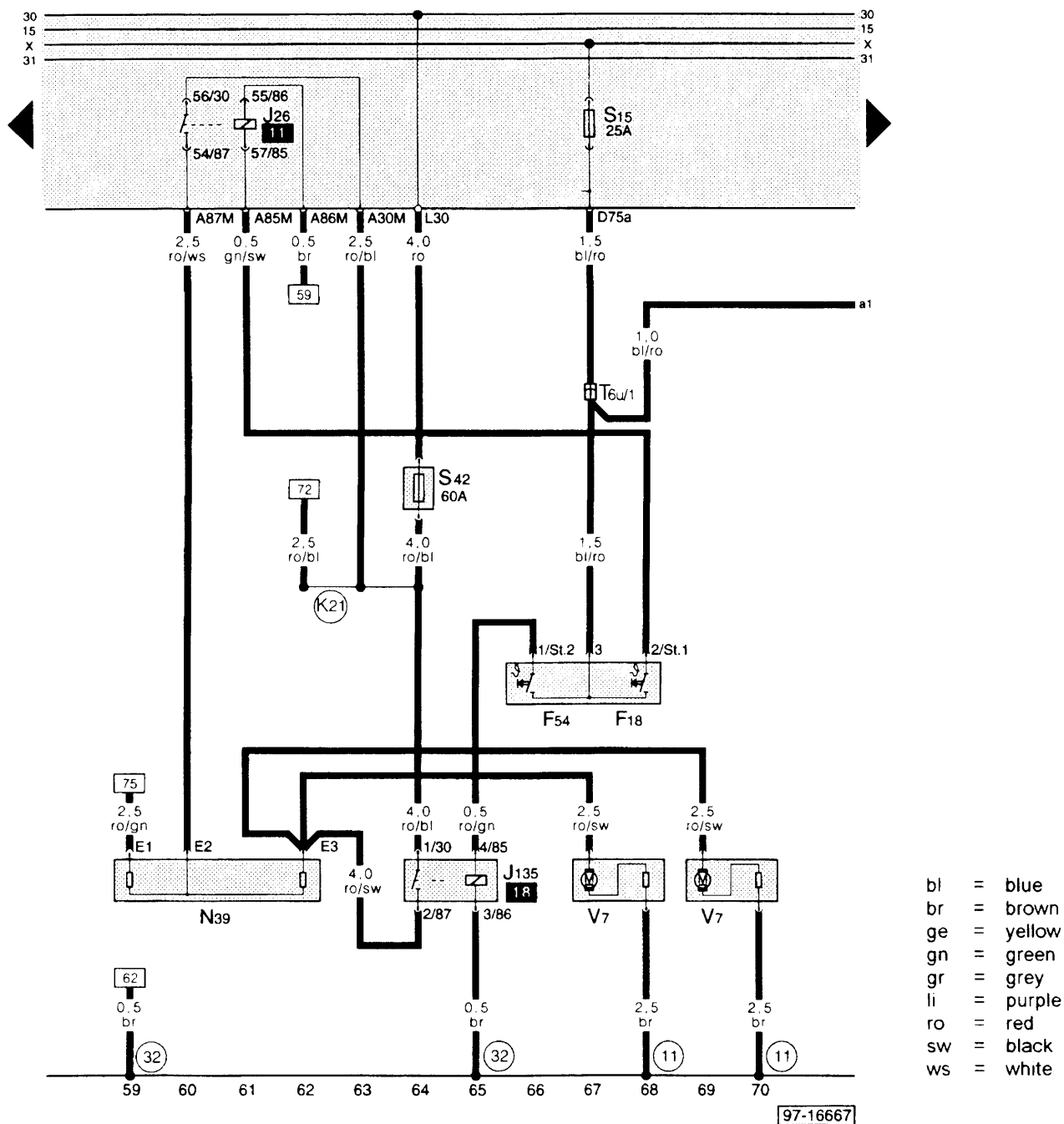
Dash panel insert, rev. counter, speedometer, coolant monitor, control unit for mini-check system



- F 1 - Oil pressure switch (1.8 bar)
- F 4 - Reversing light switch
- F 22 - Oil pressure switch (0.3 bar)
- F 34 - Brake fluid level warning contact
- F 66 - Coolant shortage indicator switch
- F 76 - Electronic thermo switch
- G - Fuel level sender
- G 1 - Fuel gauge
- G 3 - Coolant temperature gauge
- G 5 - Rev. counter
- G 21 - Speedometer
- G 68 - Road speed sender
- J 268 - Control unit for mini-check system
- K 2 - Alternator warning lamp
- T 5 - Connector, 5-pin, black, connector point in aux. relay carrier
- T 5c - Connector, 5-pin, on dash panel insert
- T 5h - Connector, 5-pin, red, behind dash panel, left
- T 6g - Connector, 6-pin, on dash panel insert
- T 6r - Connector, 6-pin, black, behind dash panel, left
- T 10 - Connector, 10-pin, black, connector point in aux. relay carrier
- T 14 - Connector, 14-pin, white, on dash panel insert (mini-check system)

- T 26 - Connector, 26-pin, yellow, on dash panel insert
- T 26 a - Connector, 26-pin, blue, on dash panel insert
- (81) - Earth connection -1- in dash panel wiring loom
- (83) - Earth connection -1- in front right wiring loom
- (119) - Earth connection -1- in headlight wiring loom
- (A20) - Connection (15a) in dash panel wiring loom
- (A24) - Connection (brake system monitoring) in dash panel wiring loom
- (A42) - Connection (fuel gauge) in dash panel wiring loom
- (A45) - Connection (engine speed signal) in dash panel wiring loom

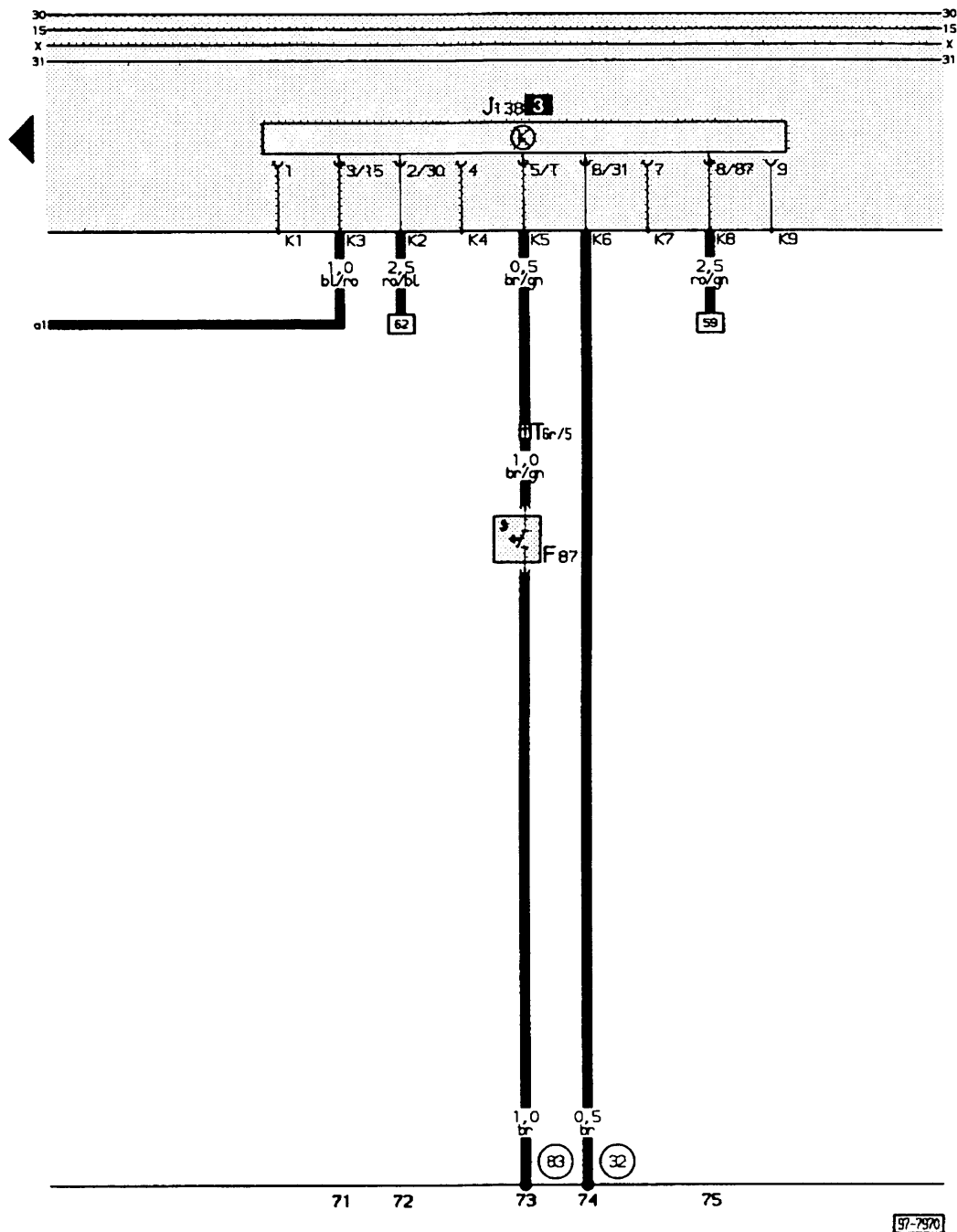
Radiator fan



- F 18 - Radiator fan thermo switch
- F 54 - Radiator fan thermo switch
- J 26 - Radiator fan 1st stage relay
- J 135 - Radiator fan 3rd stage relay
- N 39 - Radiator fan series resistance
- S 42 - Separate fuse for radiator fan
- T 6 u - Connector, 6-pin, green, behind dash panel, left
- V 7 - Radiator fan

- (32) - Earth point, behind dash panel, left
- (81) - Earth point, behind dash panel, left
- (K21) - Connection -1-, in radiator fan wiring loom

Fan run-on



- F 87 - Radiator fan thermo switch
 J 138 - Control unit for radiator fan run-on
 T 6 r - Connector, 6-pin, black, behind dash panel, left
- (32) - Earth point, behind dash panel, left
 (83) - Earth connection -1-, in front right wiring loom