

Golf/Vento

Current Flow Diagram

No. 12 / 1

Edition 02.1997

Air conditioning system

- 2.8 ltr./128 kW Motronic, engine code AAA

From August 1995

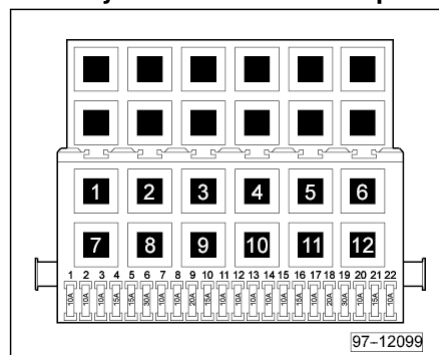
Air conditioning system

- 2.9 ltr./140 kW Motronic, engine code ABV

From November 1995

Relay locations:

For relay locations and multi-pin connector wiring, see section "Fitting locations section"



1 - Air conditioner switch-off relay (147)



Notes:

- ♦ The number in brackets behind the part designation
- ♦ denotes the control number on the housing.

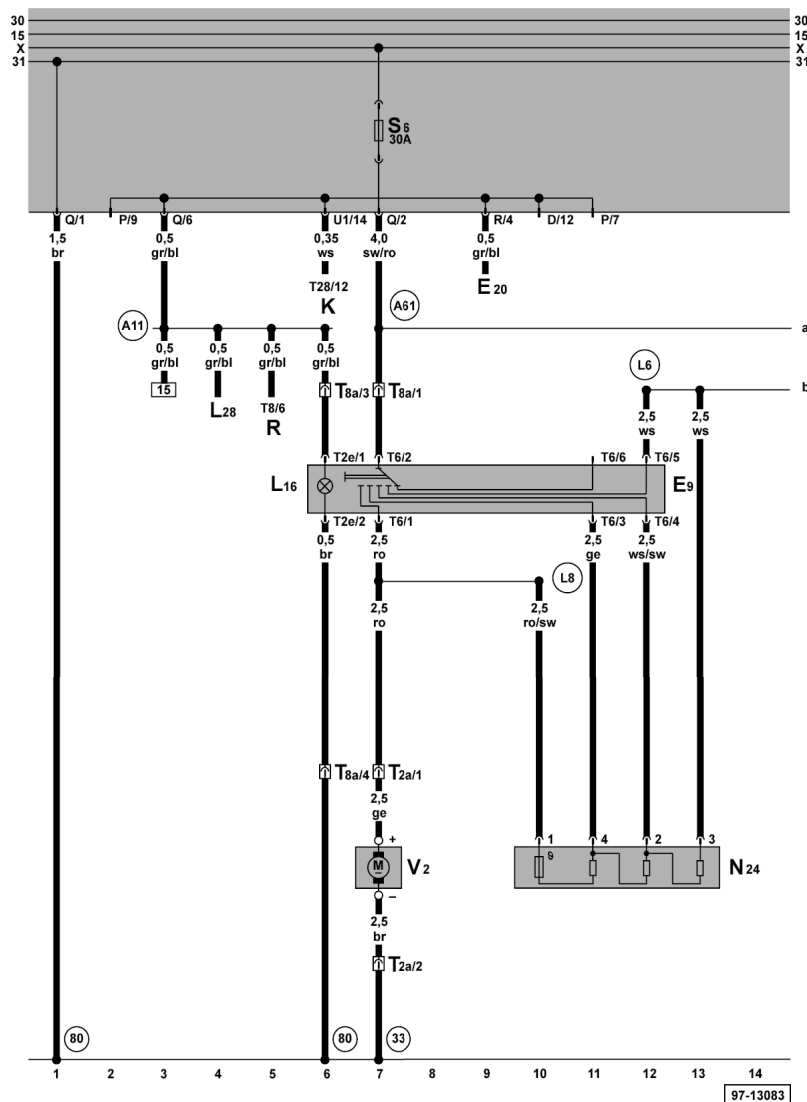
Fuse colours

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

Golf/Vento

Current Flow Diagram

No. 12 / 2



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

Fresh air blower switch, fresh air blower, Fresh air blower series resistance with overheating fuse

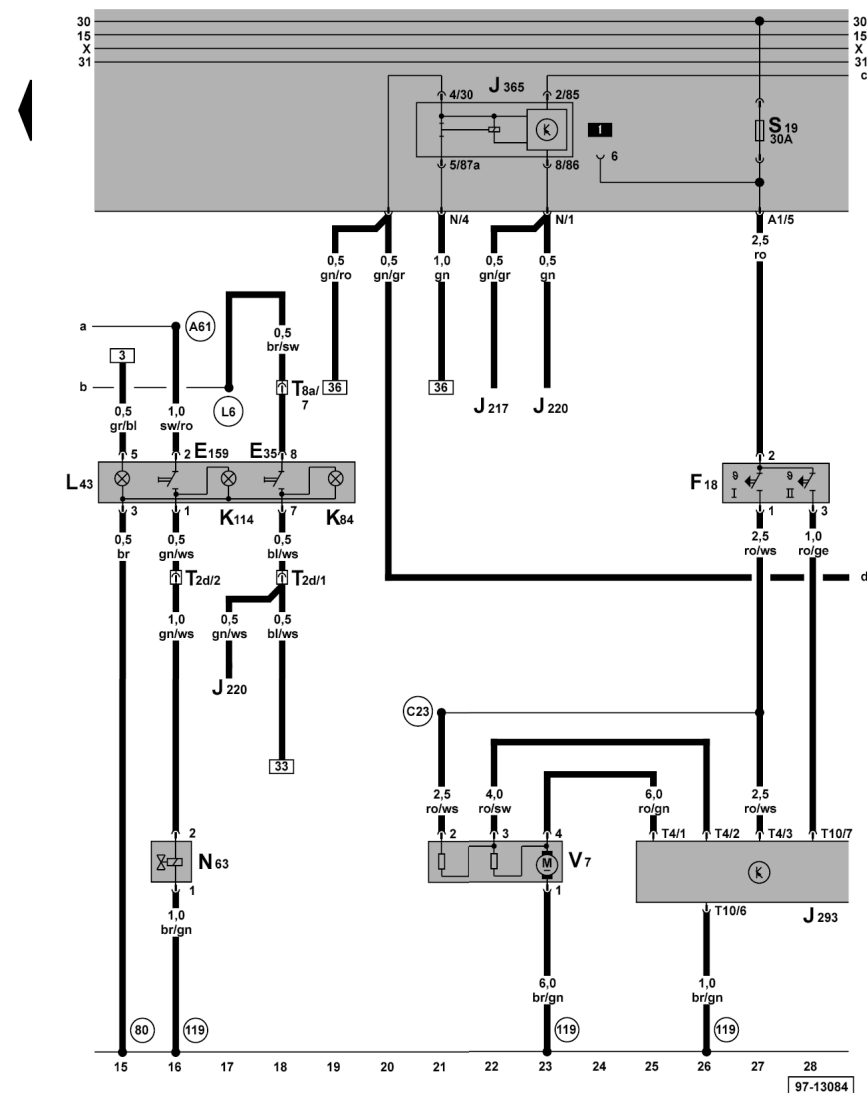
- E9 - Fresh air blower switch
- E20 - Switches and instruments - lighting control
- K - Dash panel insert
- L16 - Fresh air controls light bulb
- L28 - Cigarette lighter light bulb
- N24 - Fresh air blower with overheating fuse series resistor
- R - Radio
- T2a - 2-pin connector, right behind dash panel
- T2e - 2-pin connector
- T6 - 6-pin connector
- T8 - 8-pin connector, on radio
- T8a - 8-pin connector, in centre behind dash panel
- T28 - 28-pin connector, on dash panel insert
- V2 - Fresh air blower
- 33 - Earth point, behind dash panel, right
- 80 - Earth connection -1-, in instruments wiring harness
- A11 - Positive (+) connection (58b), in wiring harness for instruments
- A61 - Positive connection (X), in instrument panel wiring harness
- L6 - Connection -2-, in evaporator housing unit wiring harness
- L8 - Connection -4-, in evaporator housing unit wiring harness

97-13083

Golf/Vento

Current Flow Diagram

No. 12 / 3



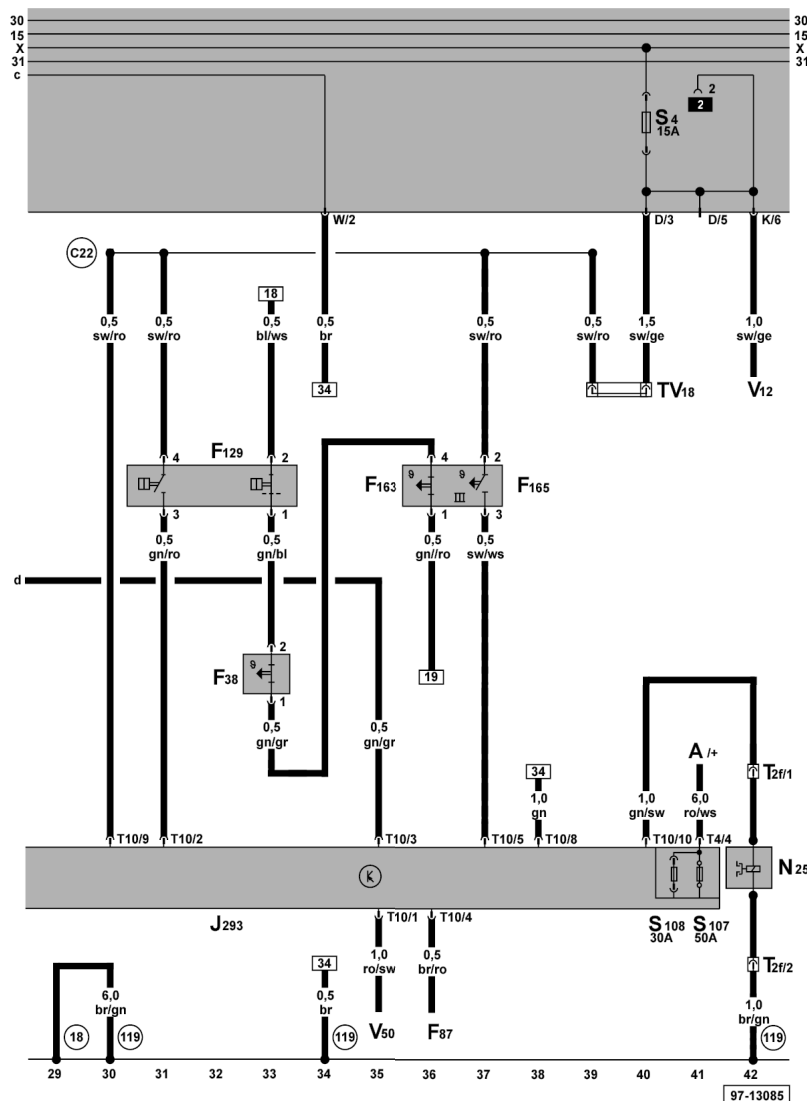
Switch for air conditioning system, switch for fresh and recirculation air flap, coolant fan

- E35 - Air conditioner switch
- E159 - Fresh air and air recirculation switch
- F18 - Radiator fan thermo-switch
- J217 - Automatic gearbox control unit
- J220 - Motronic control unit, contact T68/39
- J293 - Radiator fan control unit, left in engine compartment
- K84 - Air conditioning system warning lamp
- K114 - Fresh air/air recirculation warning lamp
- L43 - Air conditioning system switch light bulb
- N63 - Fresh and recirculation air flap two-way valve, rear in engine compartment
- T2d - 2-pin connector, behind the relay plate
- T4 - 4-pin connector
- T8a - 8-pin connector, in centre behind dash panel
- T10 - 10-pin connector
- V7 - Radiator fan
- 80 - Earth connection -1-, in instruments wiring harness
- 119 - Earth connection -1-, in headlight wiring harness
- A61 - Positive connection (X), in instrument panel wiring harness
- C23 - Connection (bower speed I), in headlight/air conditioner wiring harness
- L6 - Connection -2-, in evaporator housing unit wiring harness

Golf/Vento

Current Flow Diagram

No. 12 / 4



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

Pressure switch for air conditioning system, ambient temperature switch, control unit for coolant fan

- A - Battery
- F38 - Ambient temperature switch, in plenum chamber
- F87 - Fan run-on thermo-switch
- F129 - Air conditioner pressure switch, right in engine compartment
- F163 - Air conditioner shut-off thermo-switch, centre in engine compartment
- F165 - Radiator fan thermo-switch, third speed, centre in engine compartment
- J293 - Radiator fan control unit, left in engine compartment
- N25 - Air conditioning system magnetic coupling
- S107 - Radiator fan fuse, 2nd and 3rd speeds
- S108 - Radiator fan 1st speed and magnetic coupling fuse
- T2f - 2-pin connector, near compressor
- T4 - 4-pin connector
- T10 - 10-pin connector
- TV18 - Terminal Xa junction box, above the relay plate
- V12 - Rear window wiper motor
- V50 - Coolant circulation pump
- 18 - Earth point, on cylinder block
- 119 - Earth connection -1-, in headlight wiring harness
- C22 - Connection (x), in headlight/air conditioner wiring harness

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