

Air-Conditioning

● 1,8L-Engine - Motronic Multiport Fuel Injection (MFI)/125 kW, code AWM

from October 2000

● 2,0L - Engine - Turbo Diesel PD Fuel Injection (DFI) / 100kW, code BHW

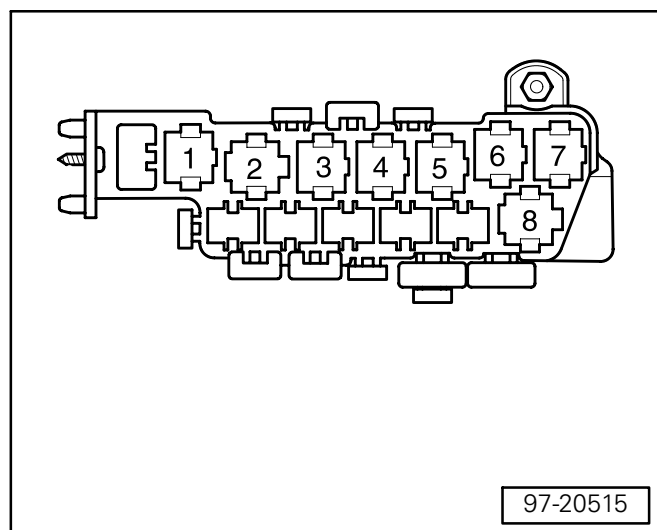
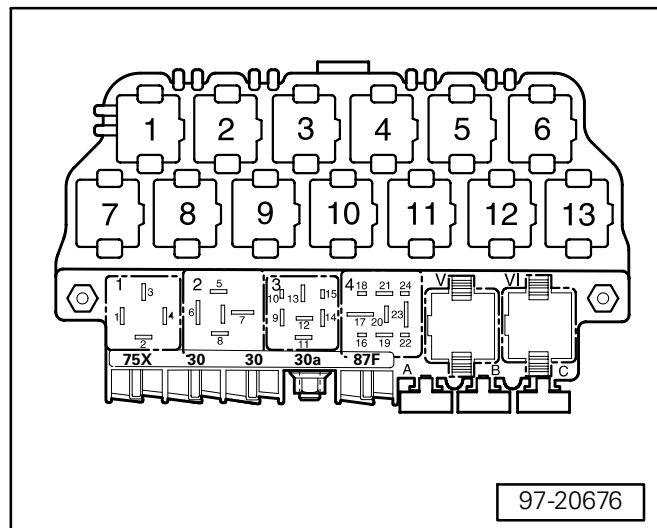
from October 2000

Deviate relay location and fuseplacements as well as the locations of multiple connectors see section "component locations"

Relay location on the thirteen position auxiliary relay panel, above relay panel:

- 1 - Collant Fan Control (FC) Relay (214)
- 3 - A/C Cut-Off Control Module Relay (384)

Relay panel:



Relay location on the eight position auxiliary relay panel, above relay panel:

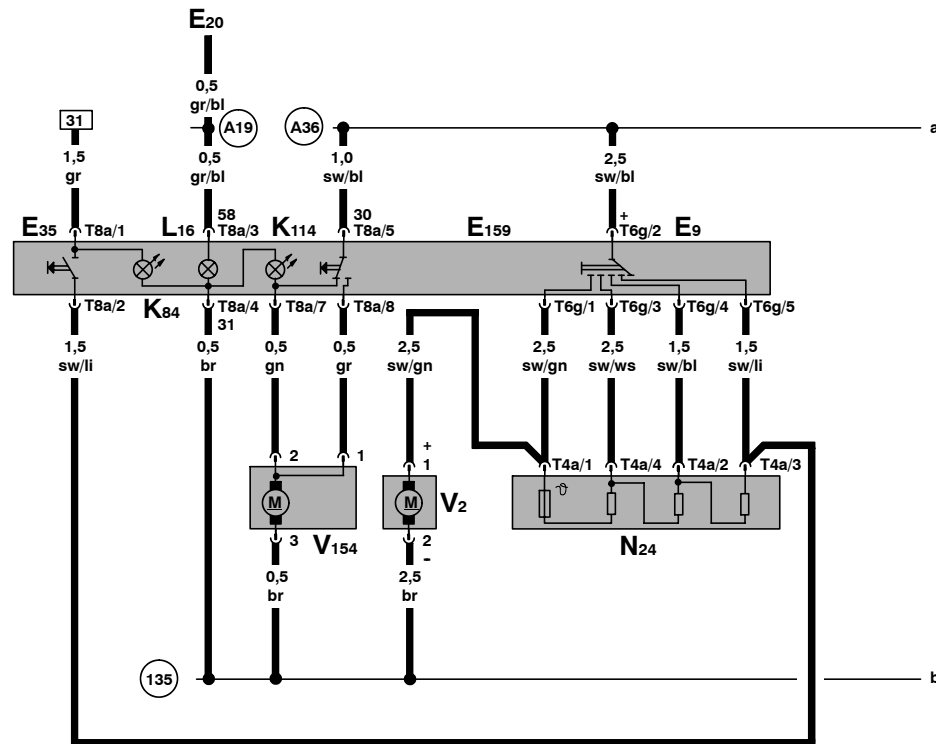
- 2 - Second Speed Coolant Fan Control (FC) Relay (V7)
- 5 - First Speed Engine Coolant (EC) Fan Control (FC) Relay (V7, V35)



Fresh Air Blower, A/C Switch, ambient temperature switch, Fresh Air/Recirculating Flap Switch, Servo-motor for fresh-/recirculated air door

- E9 - Fresh Air Blower Switch
- E20 - Instrument Panel Light Dimmer Switch
- E35 - A/C Switch
- E159 - Fresh Air/Recirculating Flap Switch
- K84 - A/C Indicator Light
- K114 - Fresh Air and Recirculating Air Mode Indicator Light
- L16 - Fresh Air Control Lever Light
- N24 - Fresh Air Blower Series Resistance With Fuse
- T4a - 4-Pin Connector
- T6g - 6-Pin Connector
- T8a - 8-Pin Connector
- V2 - Fresh Air Blower
- V154 - Servo motor for fresh-/recirculating air door

- (135) - Ground connection -2-, in instrument panel wiring harness
- (A19) - wire connection (58d), in instrument panel wiring harness
- (A36) - wire connection (75a), in instrument panel wiring harness



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

1 2 3 4 5 6 7 8 9 10 11 12 13 14

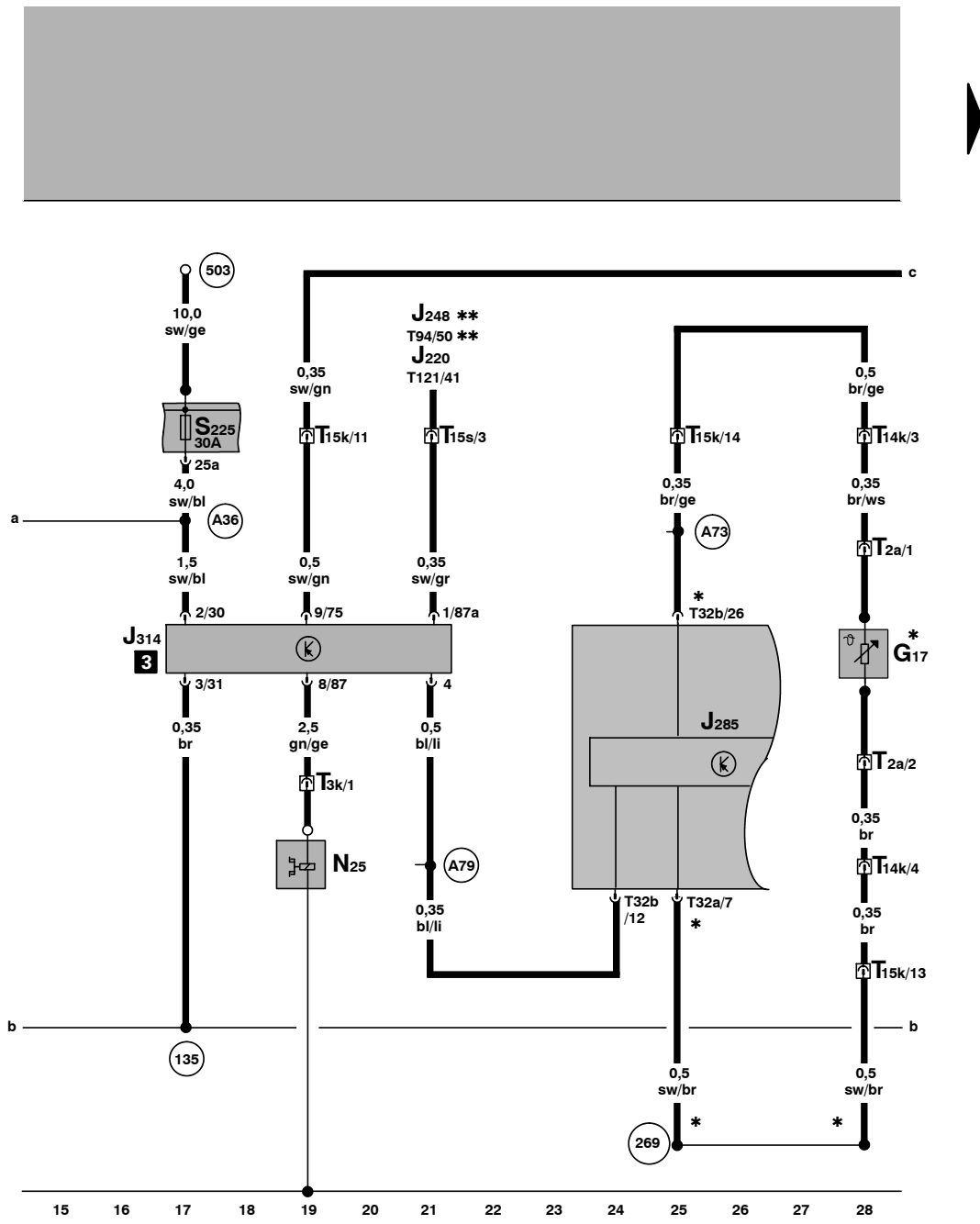
**Control module with indicator unit, A/C Cut Off
Control Module, Outside Air Temperature Sensor,
A/C Clutch**

- G17 - Outside Air Temperature Sensor
- J220 - Motronic Engine Control Module (ECM)
- J248 - Diesel Direct Fuel Injection (DFI) Engine Control Module (ECM)
- J285 - Control module with indicator unit in instrument panel insert
- J314 - A/C Cut-Off Control Module
- N25 - A/C Clutch
- S225 - Fuse in fuse holder
- T2a - Double Connector
- T3k - 3-Pin Connector, grey
- T14k - 14-Pin Connector, black
- T15k - 15-Pin Connector
- T15s - 15-Pin Connector, red, on protective housing for control module, in engine compartment, left
- T32a - 32-Pin Connector, blue, on instrument cluster
- T32b - 32-Pin Connector, green, on instrument cluster
- T94 - 94-Pin Connector
- T121 - Connector 121 point, on Engine Control Module (ECM)

- (135) - Ground connection 2, in instrument panel wiring harness
- (269) - Ground connector (sensor ground) 1, in instrument panel wiring harness
- (503) - Bolted Connection (75x) (at relay panel)
- (A36) - wire connection (75a), in instrument panel wiring harness
- (A73) - Connector (outside temperature indicator), in instrument panel wiring harness
- (A79) - Connector (engine overheat warning light) instrument wiring harness

- * - multi-function display only
- ** - engine code BHW only

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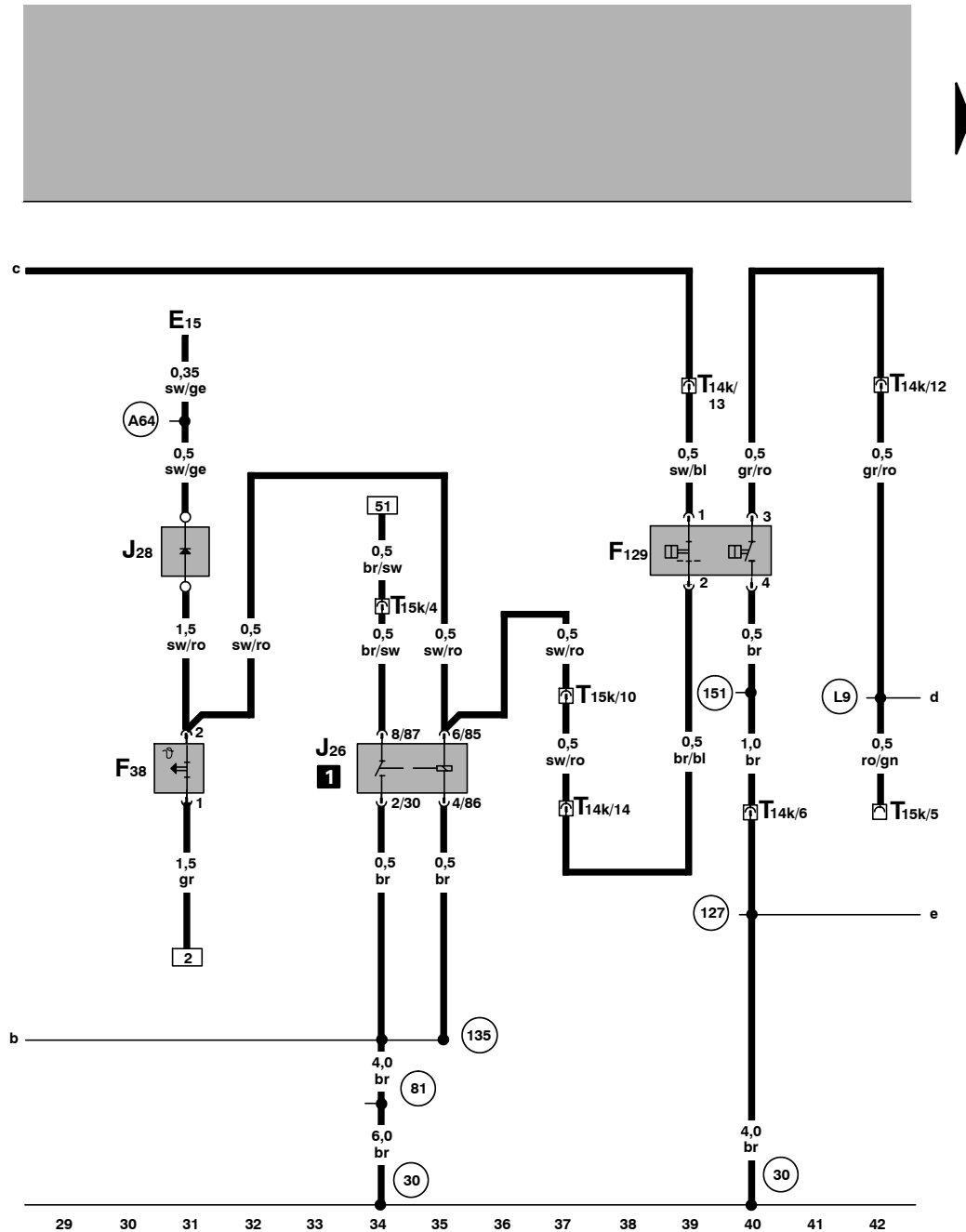


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Coolant Fan control (FC) Relay, A/C Diode, Ambient Temperature Switch, A/C Pressure Switch

- E15 - Rear window defogger switch
- F38 - Ambient Temperature Switch
- F129 - A/C Pressure Switch
- J26 - Coolant Fan control (FC) Relay
- J28 - A/C Diode
- T14k - 14-Pin Connector, black
- T15k - 15-Pin Connector

- (30) - Ground connection -1-, beside fuse/relay panel
- (81) - Ground connection -1-, in instrument panel wiring harness
- (127) - Ground connection -1-, in A/C compressor wiring harness
- (135) - Ground connection -2-, in instrument panel wiring harness
- (151) - Ground connection -1-, in front wiring harness
- (A64) - Connector (30, idle boost), in instrument panel wiring harness
- (L9) - wire connection -1-, in A/C wiring harness

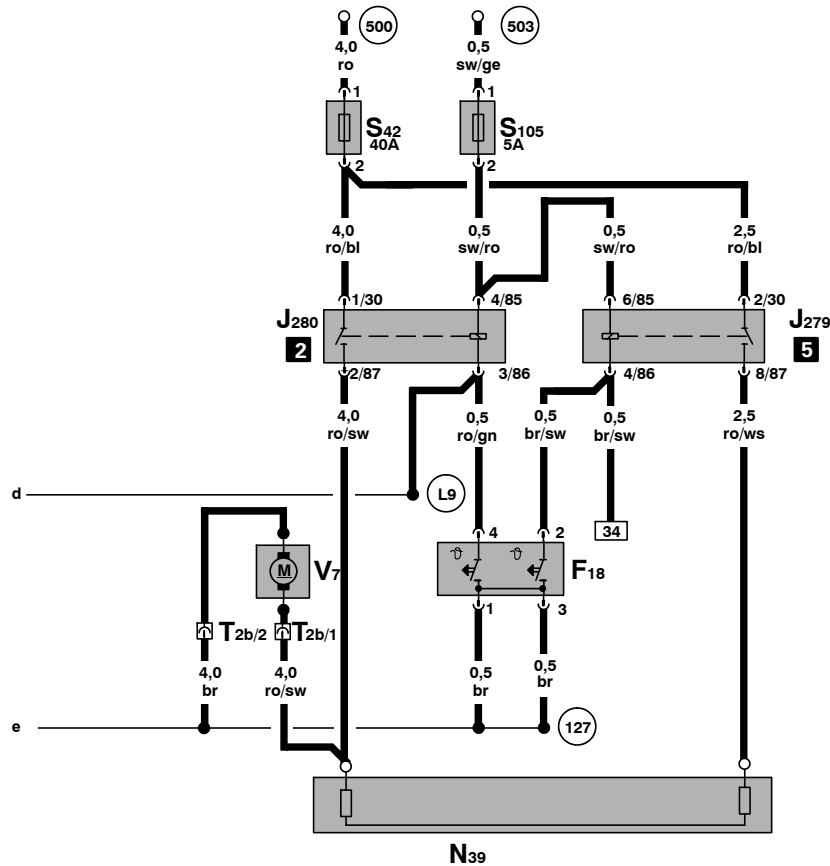


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Coolant Fan Control (FC) Thermal Switch, First Speed Engine Coolant (EC) Fan Control Relay, Second Speed Coolant Fan Control Relay

- F18 - Coolant Fan Control (FC) Thermal Switch
- J279 - First Speed Engine Coolant (EC) Fan Control (FC) Relay (V7, V35)
- J280 - Second Speed Coolant Fan Control (FC) Relay (V7)
- N39 - Coolant Fan Control (FC) Series Resistance
- S42 - Coolant Fan Fuse
- S105 - First Speed Coolant Fan Fuse
- T2b - Double Connector
- V7 - Coolant Fan

- (127) - Ground connection -1-, in A/C compressor wiring harness
- (500) - Threaded connection -1- (30) on the relay plate
- (503) - Bolted Connection (75x) (at relay panel)
- (L9) - wire connection -1-, in A/C wiring harness



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43 44 45 46 47 48 49 50 51 52 53 54 55 56