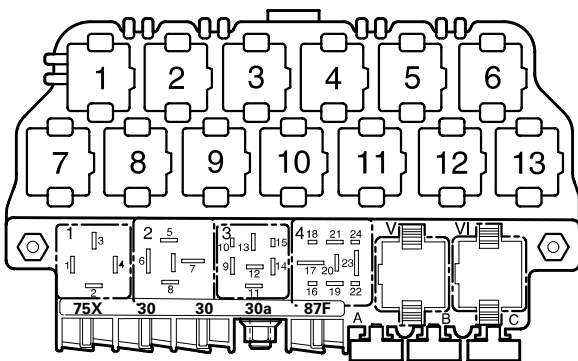


### Climatronic

### 2,8L - Engine - Motronic Multiport Fuel Injection (MFI) / 142kW, code ATQ

from October 2000

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

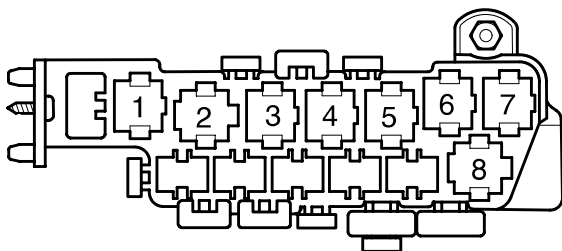


97-20676

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

- 3** A/C Clutch Relay (267)

Relay panel:



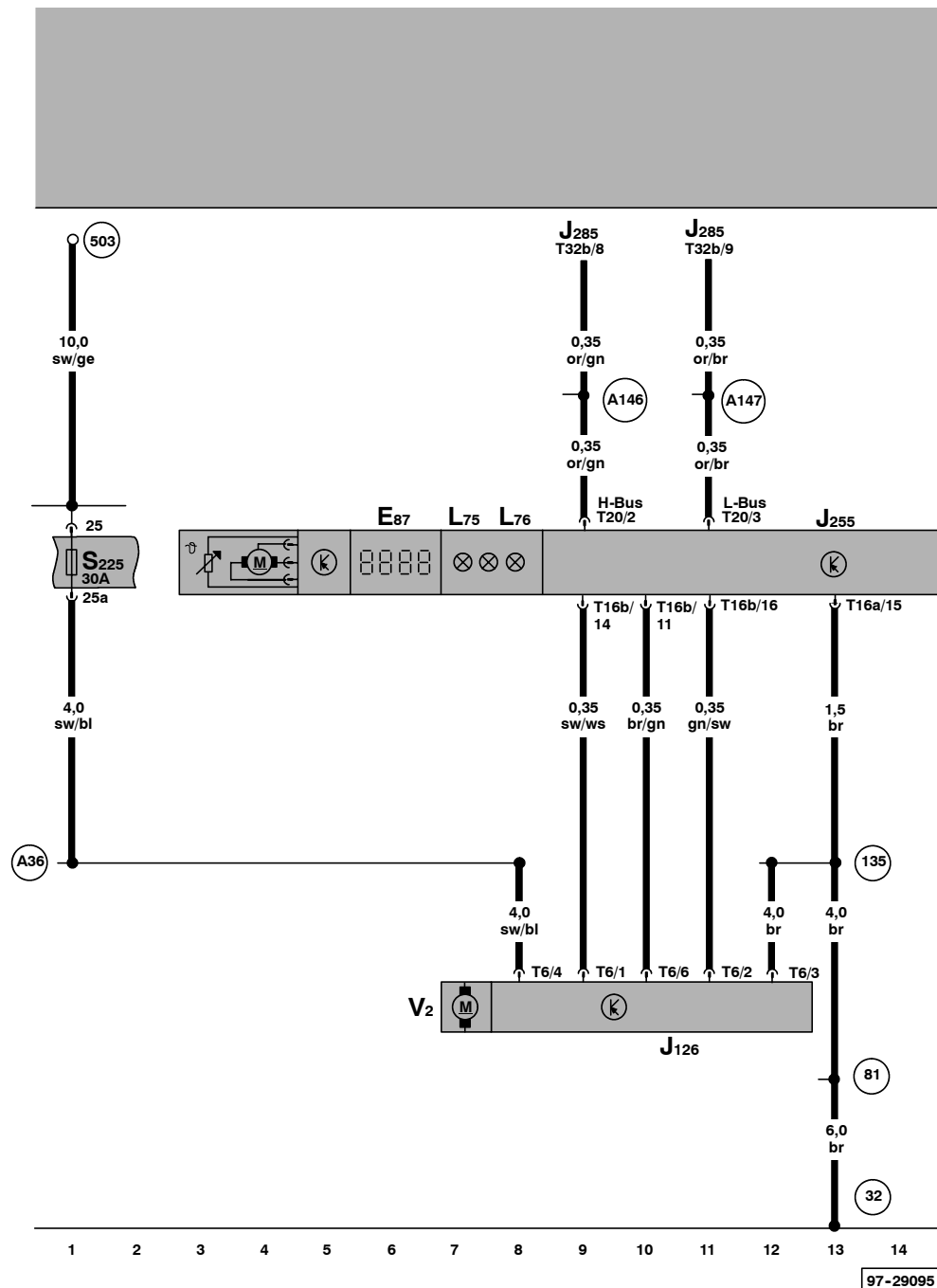
97-20515

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

Note: Number in parentheses indicates production control number stamped on relay housing.

**Fuse colors**

- 30 A - green
- 25 A - white
- 20 A - yellow
- 15 A - blue
- 10 A - red
- 7,5 A - brown
- 5 A - beige

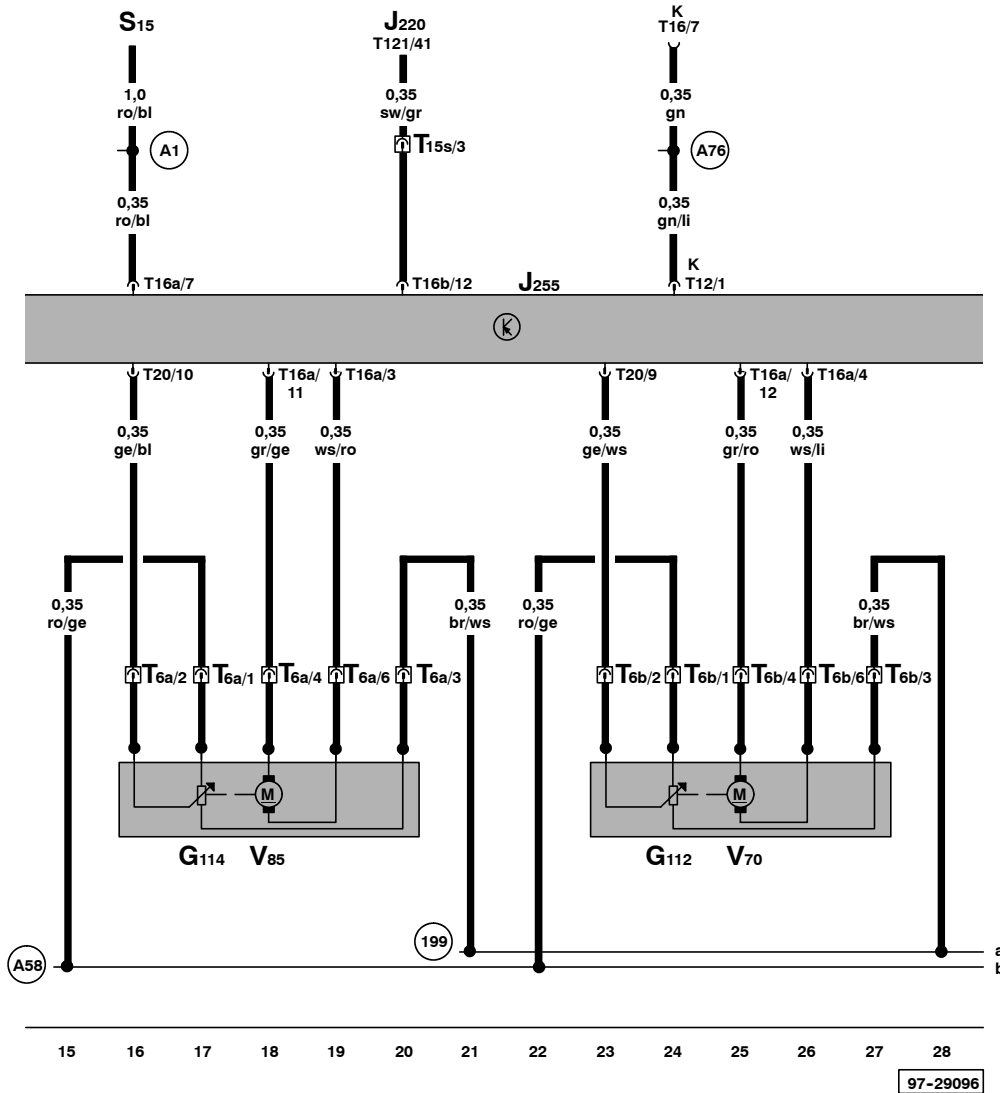


ws = white  
 sw = black  
 ro = red  
 br = brown  
 gn = green  
 bl = blue  
 gr = grey  
 li = lilac  
 ge = yellow  
 or = orange

- E87 - A/C Control Head
- J126 - Control module for fresh air blower
- J255 - Climatronic Control Module
- J285 - Control module with indicator unit in instrument panel insert
- L75 - Digital Display Light
- L76 - Push Button Light
- S225 - Fuse in fuse holder
- T6 - 6-Pin Connector, on Control module for fresh air blower
- T16a - 16-Pin Connector, black
- T16b - 16-Pin Connector, brown
- T20 - 20-Pin Connector, red
- V2 - Fresh Air Blower

- 32 - Ground connection, behind instrument panel, left
- 81 - Ground connection -1-, in instrument panel wiring harness
- 135 - Ground connection -2-, in instrument panel wiring harness
- 503 - Bolted Connection (75x) (at relay panel)
- A36 - wire connection (75a), in instrument panel wiring harness
- A146 - Comfort System High-bus Connection (in instrument panel wiring harness)
- A147 - Comfort System Low-bus Connection (in instrument panel wiring harness)

97-29095



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

97-29096

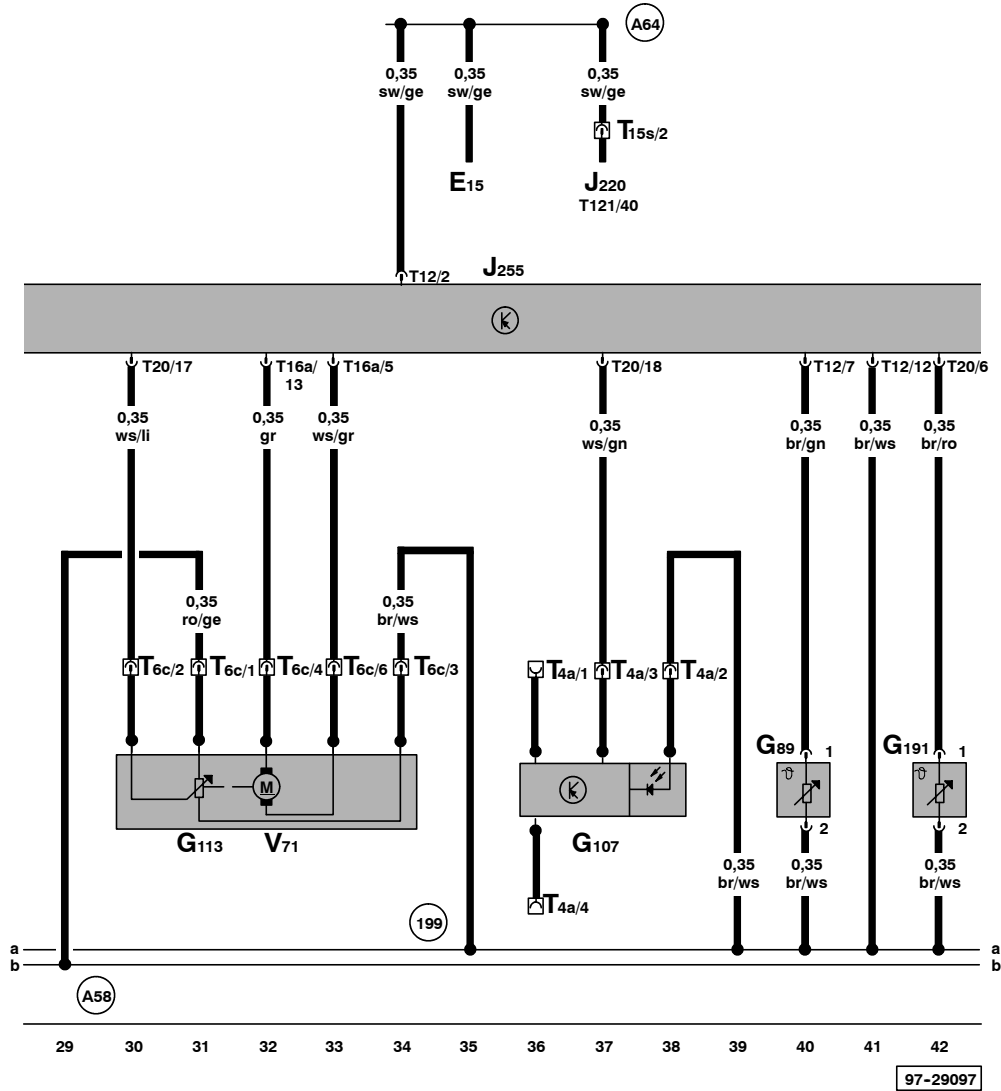
- G112 - Central Flap Motor Position Sensor
- G114 - Footwell/Defrost Flap Motor Position Sensor
- J220 - Motronic Engine Control Module (ECM)
- J255 - Climatronic Control Module
- S15 - Fuse
- T6a - 6-Pin Connector, behind instrument panel, center
- T6b - 6-Pin Connector, behind instrument panel, center
- T12 - 12-Pin Connector
- T15s - 15-Pin Connector, red, on protective housing for control module, in engine compartment, left
- T16 - 16-Pin Connector, Data Link Connector (DLC), below instrument panel, left
- T16a - 16-Pin Connector, black
- T16b - 16-Pin Connector, brown

- T20 - 20-Pin Connector, red
- T121 - Connector, 121 point, on Motronic Engine Control Module (ECM)
- V70 - Central Air Flap Motor
- V85 - Footwell/Defroster Flap Motor

- (199) - Ground connection -3-, in instrument panel wiring harness
- (A1) - plus connection (30a), in instrument panel wiring harness
- (A58) - Wire connection (5 V), in instrument cluster wiring harness
- (A76) - Connector (K-diagnosis wire), in instrument panel wiring harness



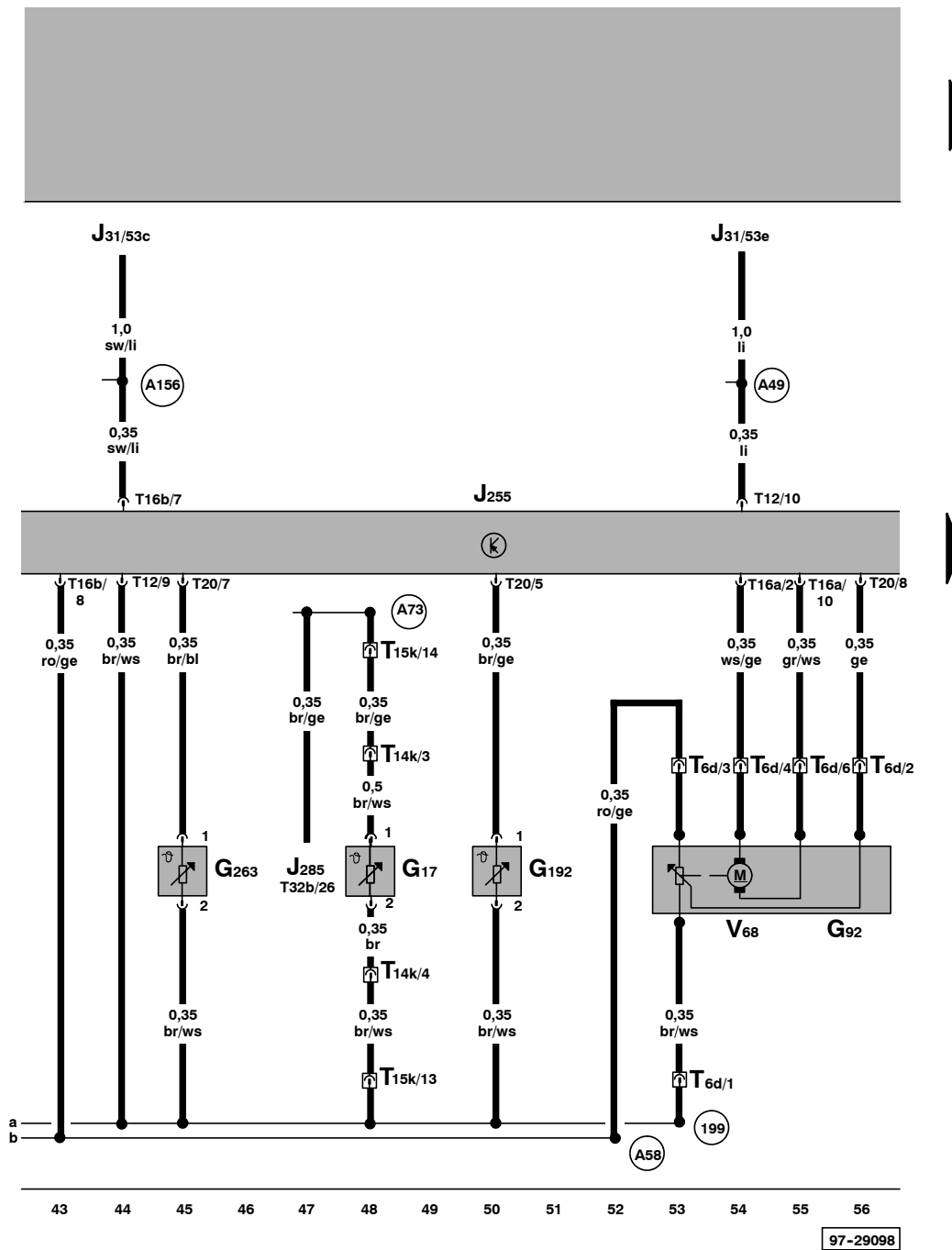
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = lilac
- ge = yellow
- or = orange



97-29097

- E15 - Rear window defogger switch
- G89 - Fresh Air Intake Duct Temperature Sensor
- G107 - Sunlight Photo Sensor
- G113 - Back Pressure Flap Motor Position Sensor
- G191 - Sender for outlet temperature, center
- J220 - Motronic Engine Control Module (ECM)
- J255 - Climatronic Control Module
- T4a - 4-Pin Connector, black
- T6c - 6-Pin Connector, black
- T15s - 15-Pin Connector, red, on protective housing for control module, in engine compartment, left
- T12 - 12-Pin Connector, black
- T16a - 16-Pin Connector, black
- T20 - 20-Pin Connector, red
- T121 - Connector, 121 point, on Motronic Engine Control Module (ECM)

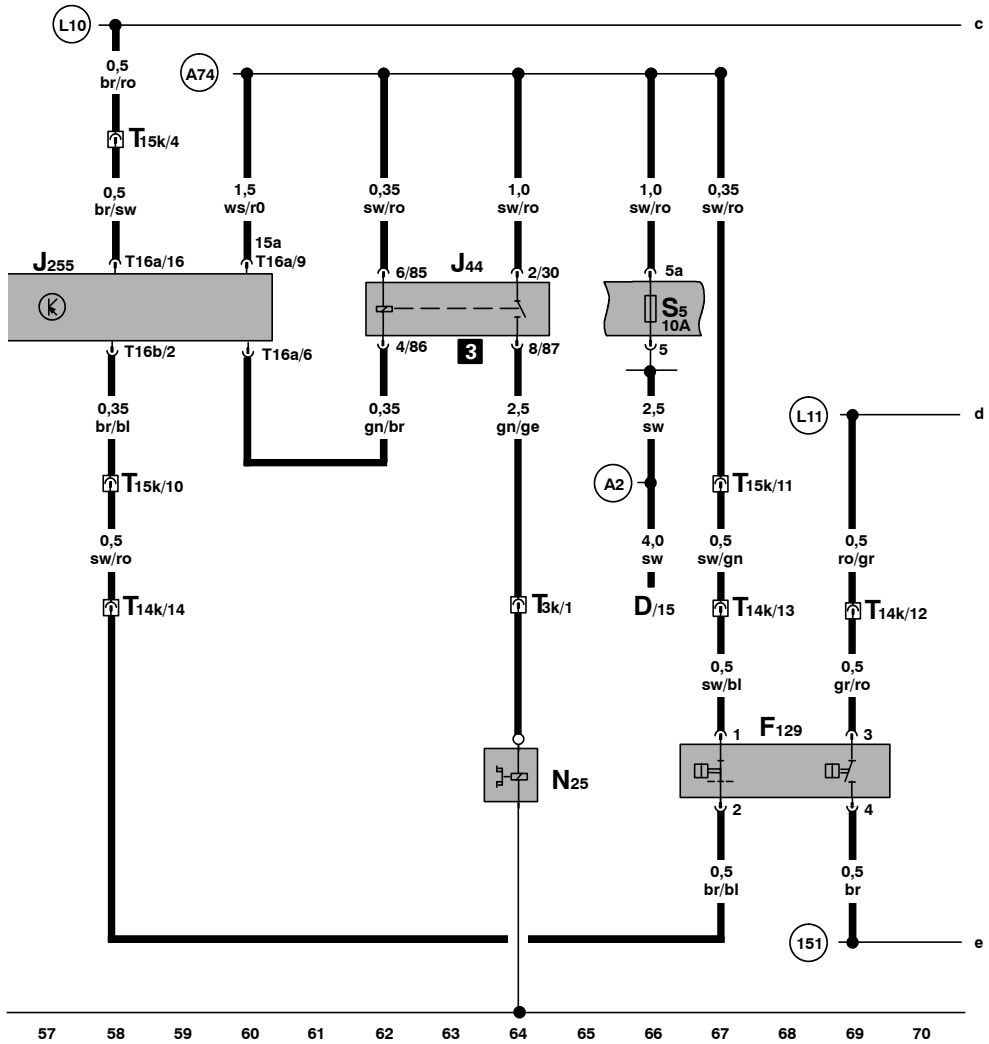
- V71 - Air Flow Flap Motor
- (199) - Ground connection -3-, in instrument panel wiring harness
- (A58) - Wire connection (5 V), in instrument cluster wiring harness
- (A64) - Connector (30, idle boost), in instrument panel wiring harness



97-29098

- G17 - Outside Air Temperature Sensor
- G92 - Temperature Regulator Flap Motor Position Sensor
- G192 - Sender for outlet temperature, floor outlet
- G263 - Evaporator Vent Temperature Sensor
- J31 - Wiper/Washer Intermittent Relay
- J255 - Climatronic Control Module
- J285 - Control module with indicator unit in instrument panel insert
- T6d - 6-Pin Connector
- T12 - 12-Pin Connector, black
- T14k - 14-Pin Connector, black
- T15k - 15-Pin Connector
- T16a - 16-Pin Connector, black
- T16b - 16-Pin Connector, brown
- T20 - 20-Pin Connector, red

- T32b - 32-Pin Connector, green, on instrument cluster
- V68 - Temperature Regulator Flap Motor
- (199) - Ground connection -3-, in instrument panel wiring harness
- (A49) - wire connection -1-, in instrument panel wiring harness
- (A58) - Wire connection (5 V), in instrument cluster wiring harness
- (A73) - Connector (outside temperature indicator), in instrument panel wiring harness
- (A156) - Sensor Ground Connection (in engine wiring harness)

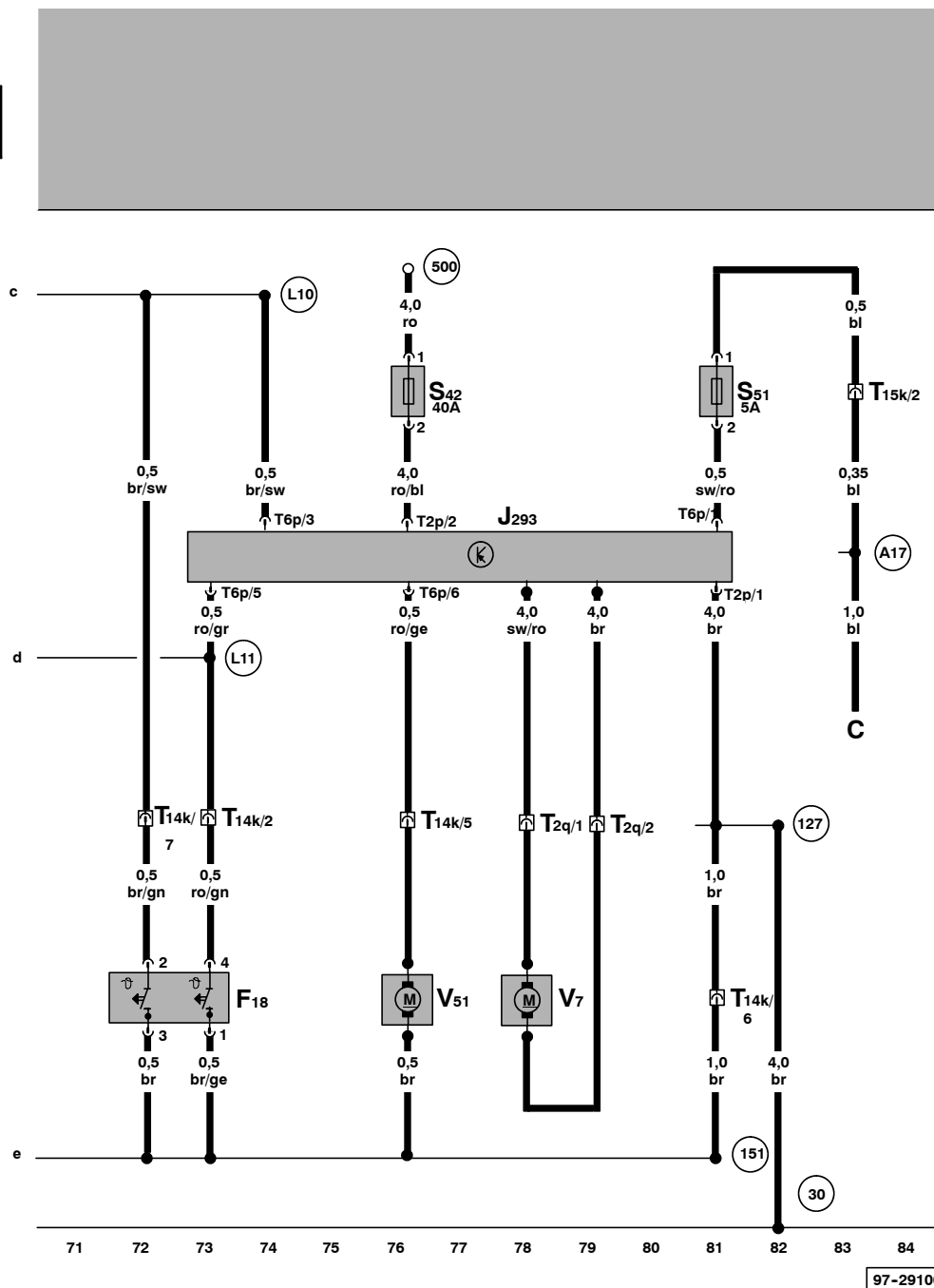


97-29099

- D - Ignition/Starter Switch
- F129 - A/C Pressure Switch
- J44 - A/C Clutch Relay
- J255 - Climatronic Control Module
- N25 - A/C Clutch
- S5 - Fuse
- T3k - 3-Pin Connector
- T14k - 14-Pin Connector, black
- T15k - 15-Pin Connector
- T16a - 16-Pin Connector, black
- T16b - 16-Pin Connector, brown

- (A74) - Connector (15a - fuse 5) in instrument panel wiring harness
- (L10) - wire connection -2-, in A/C wiring harness
- (L11) - wire connection -3-, in A/C wiring harness

- (151) - Ground connection -1-, in front wiring harness
- (A2) - plus connection (15), 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

97-29100

- C - Generator (GEN)
- F18 - Coolant Fan Control (FC) Thermal Switch
- J293 - Coolant FC (Fan Control) Control Module
- S42 - Coolant Fan Fuse, on eightfold auxiliary relay panel
- S51 - Coolant Fan Fuse
- T2p - Double Connector
- T2q - Double Connector, in engine compartment, left
- T6p - 6-Pin Connector
- T14k - 14-Pin Connector, black
- T15k - 15-Pin Connector
- V7 - Coolant Fan
- V51 - After-Run Coolant Pump
- (30) - Ground connection, -1-, beside fuse/relay panel

- (127) - Ground connection -1-, in A/C compressor wiring harness
- (151) - Ground connection -1-, in front wiring harness
- (500) - Threaded connection -1- (30) on the relay plate
- (A17) - wire connection (61), in instrument panel wiring harness
- (L10) - wire connection -2-, in A/C wiring harness
- (L11) - wire connection -3-, in A/C wiring harness