

# Golf/Bora

## Current Flow Diagram

**No. 17 / 1**

Edition 12.1999

### 4 Speed automatic gearbox (AG 4)

- 1.6 ltr./74 kW Simos, engine code AEH
- 1.6 ltr./74 kW Simos, engine code AKL
- 1.8 ltr./92 kW Motronic, engine code AGN
- 1.8 ltr./110 kW Motronic, engine code AGU
- 2.0 ltr./85 kW Motronic, engine code APK
- 2.0 ltr./85 kW Motronic, engine code AQY
- 2.3 ltr./110 kW Motronic, engine code AGZ

From October 1997

For alternatives to relay and fuse positions as well as multi-pin connector wiring-see "Fitting locations" section.

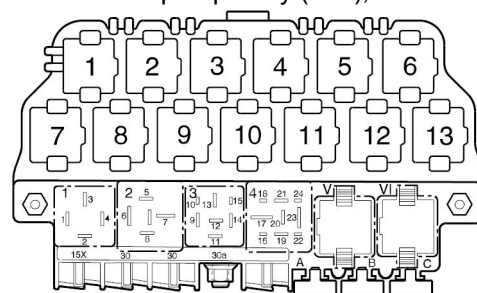
### Relay locations on 13 position additional relay

carrier above the relay plate:

- 11 - Relay for starter inhibitor and reversing light (175)

Relay locations on relay plate:

- 4 - Fuel pump relay (167), for vehicles up to July 1998
- Fuel pump relay (409), for vehicles from August 1998



97--14163



### Note:

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

Fuse colours

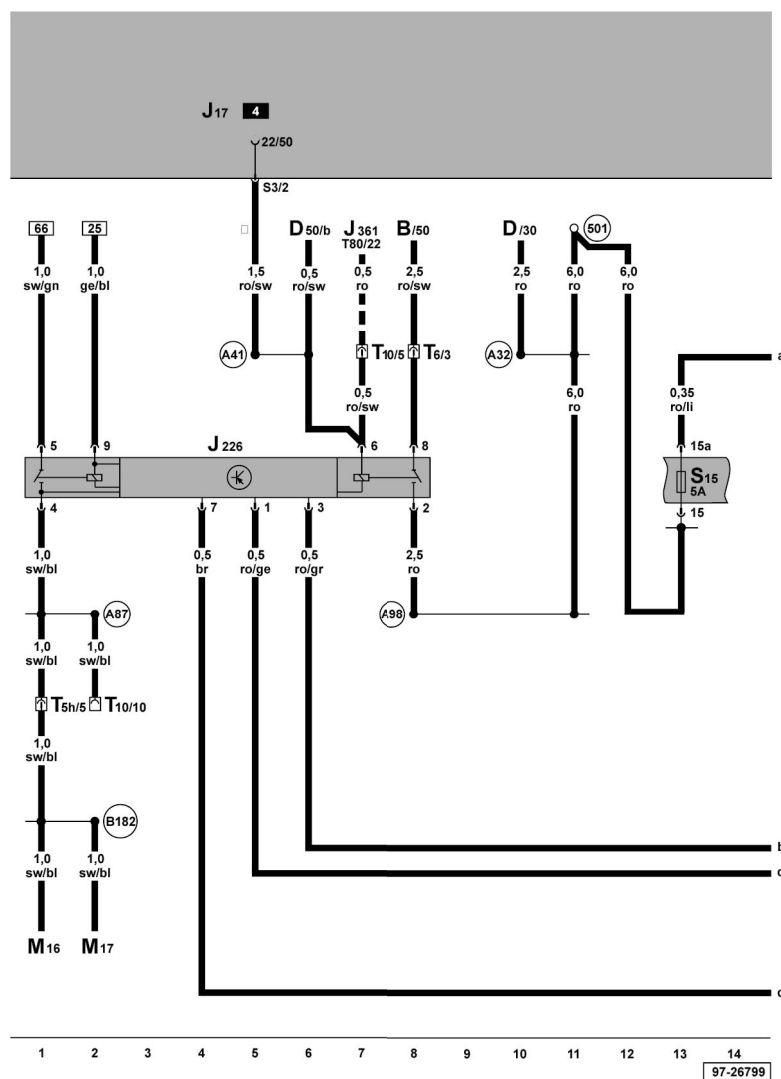
- 30 A - green
- 25 A - white
- 20 A - yellow
- 15 A - blue

- 10 A - red
- 7.5 A - brown
- 5 A - beige
- 3 A - lilac

## Golf/Bora

## Current Flow Diagram

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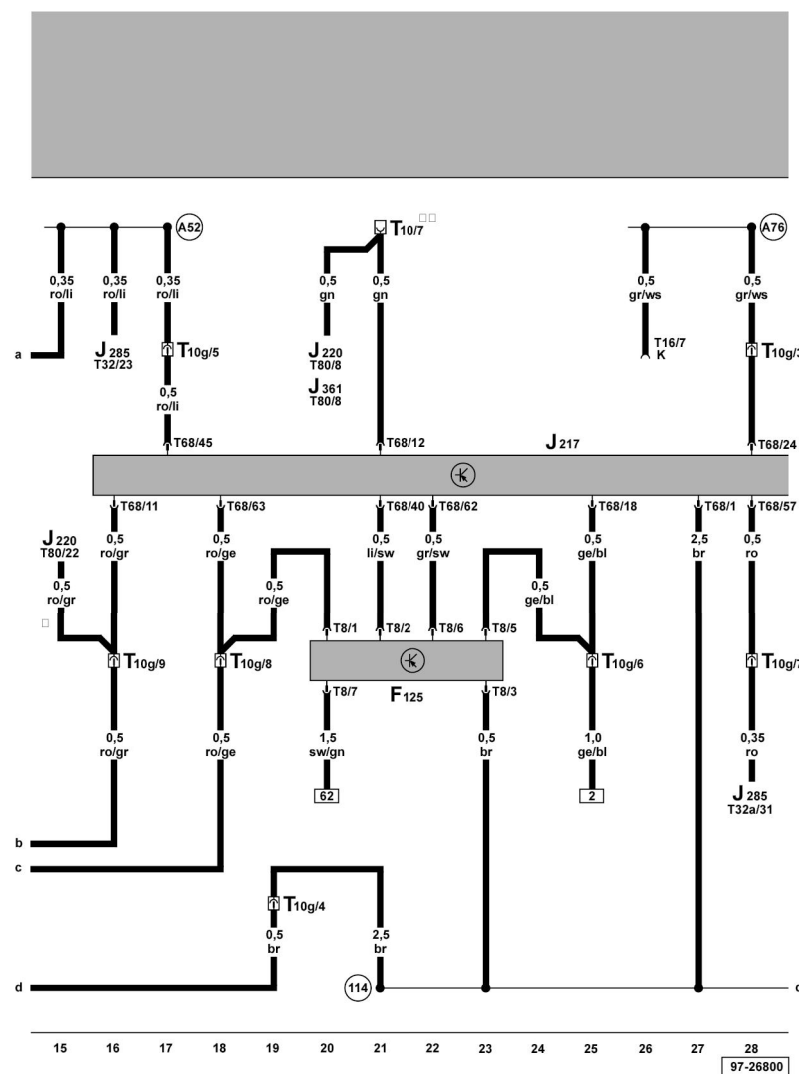
## Starter inhibitor and reversing light relay

- B - Starter
- D - Ignition/starter switch
- J17 - Fuel pump relay
- J226 - Starter inhibitor and reversing light relay, on 13 position additional relay carrier
- J361 - Simos control unit
- M16 - Reversing light bulb, left
- M17 - Reversing light bulb, right
- S15 - Fuse in relay plate fuse box
- T5h - 5-pin connector, near lower left A pillar, entwined in wiring harness
- T6 - 6-pin connector, brown, in protective housing for connectors, on left in plenum chamber
- T10 - 10-pin connector, orange, in protective housing for connectors, on left in plenum chamber
- T80 - 80-pin connector
- 501 - Screw connection -2- (30), on relay plate
- A32 - Positive connection (30), in dash panel wiring harness
- A41 - Positive (+) connection (50), in dash panel wiring harness\*
- A87 - Connection (RL), in dash panel wiring harness
- A98 - Positive connection -4- (30), in dash panel wiring harness
- B182 - Connection (RL), in interior wiring harness
- \* - On vehicles from August 1998
- - Engine code AEH only

## Golf/Bora

## Current Flow Diagram

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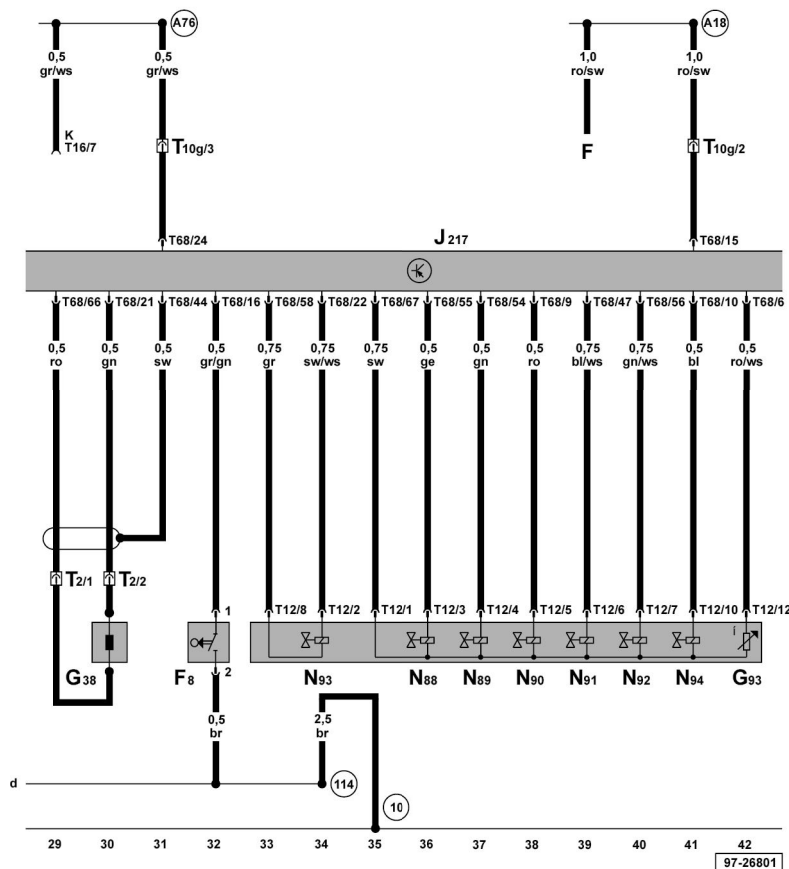


### Automatic gearbox control unit, multi-function switch

- F125 - Multi-function switch
- J217 - Automatic gearbox control unit, in plenum chamber, centre
- J220 - Motronic control unit
- J285 - Control unit with display in dash panel insert
- J361 - Simos control unit, in centre of plenum chamber
- T8 - 8-pin connector
- T10 - 10-pin connector, orange, in protective housing for connectors, on left in plenum chamber
- T10g - 10-pin connector, grey, in protective housing for connectors, in plenum chamber, left
- T16 - 16-pin connector, in centre of dash panel, selfdiagnosis connection
- T32 - 32-pin connector, blue
- T32a - 32-pin connector, green
- T68 - 68-pin connector
- T80 - 80-pin connector
- 114 - Earth connection, in automatic gearbox wiring harness
- A52 - Positive connection -2- (30), in dash panel wiring harness
- A76 - Connection (diagnosis wire K), in dash panel wiring harness
- \* - Engine code AGZ and AQY only
- \*\* - Air conditioning system connection

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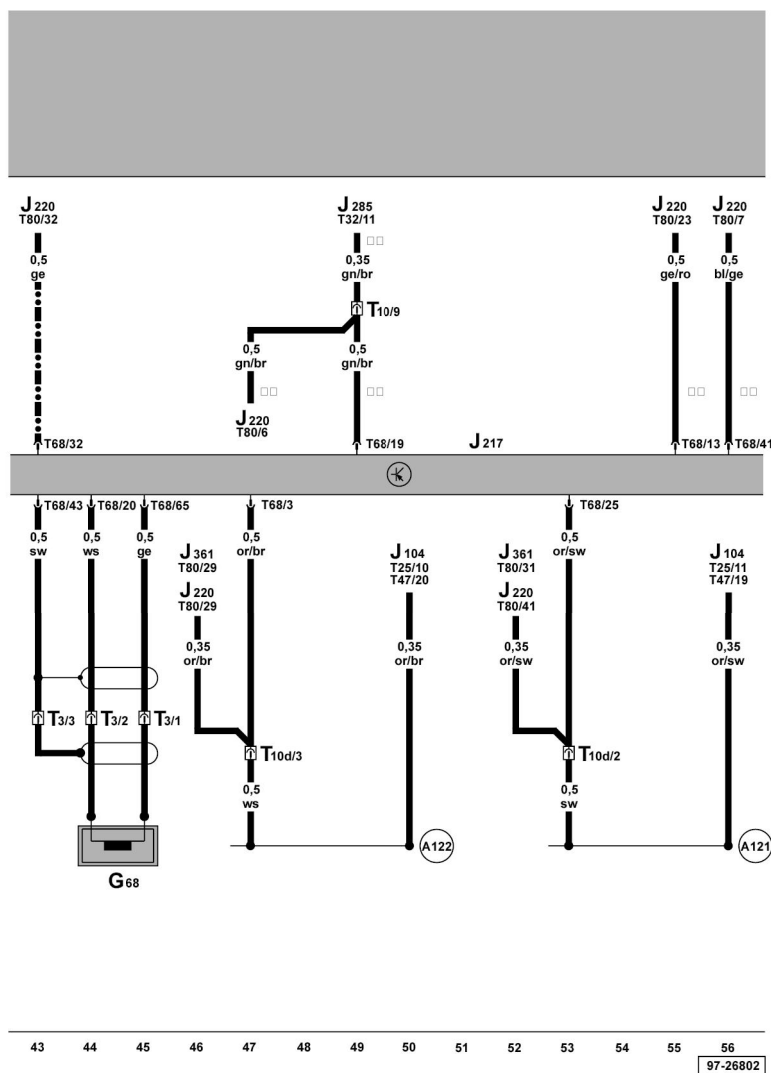
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- F - Brake light switch
- F8 - Kick-down switch
- G38 - Gearbox speed sender
- G93 - Gearbox oil temperature sender
- J217 - Automatic gearbox control unit, in plenum chamber, centre
- N88 - Solenoid valve 1
- N89 - Solenoid valve 2
- N90 - Solenoid valve 3
- N91 - Solenoid valve 4
- N92 - Solenoid valve 5
- N93 - Solenoid valve 6
- N94 - Solenoid valve 7
- T2 - 2-pin connector, on gearbox
- T10g - 10-pin connector, grey, in protective housing for connectors, in plenum chamber, left
- T12 - 12-pin connector
- T16 - 16-pin connector, in centre of dash panel, self-diagnosis connection
- T68 - 68-pin connector
- 10 - Earth point, in plenum chamber
- 114 - Earth connection, in automatic gearbox wiring harness
- A18 - Connection (54), in dash panel wiring harness
- A76 - Connection (diagnosis wire K), in dash panel wiring harness

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

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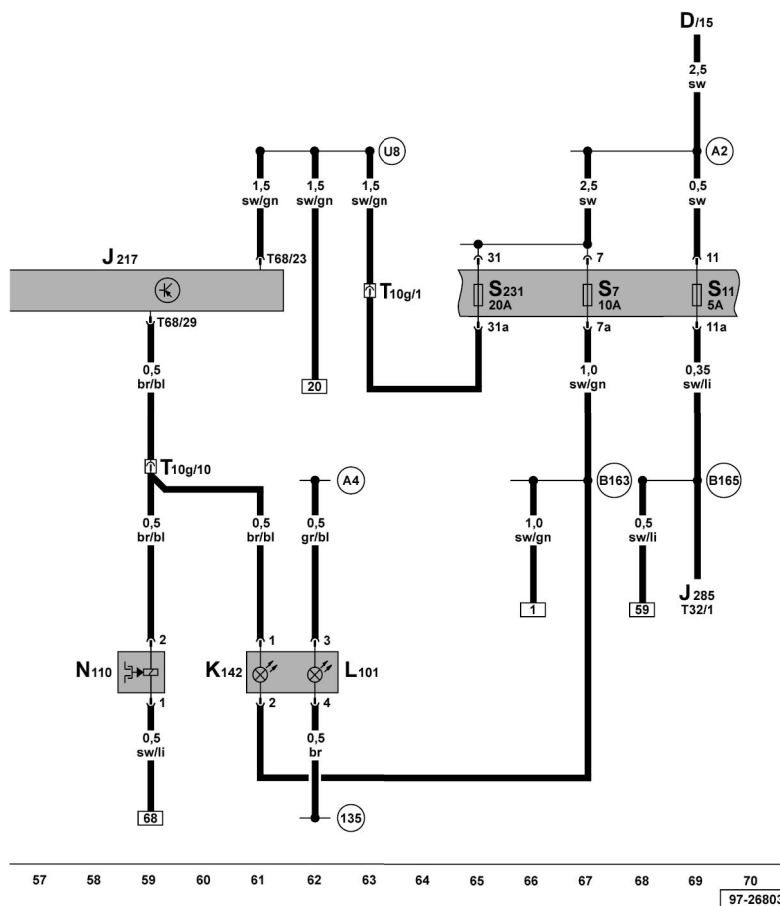
### Automatic gearbox control unit, road speed sender

- G68 - Road speed sender
- J104 - ABS with EDL control unit
- J217 - Automatic gearbox control unit, in plenum chamber, centre
- J220 - Motronic control unit
- J285 - Control unit with display in dash panel insert
- J361 - Simos control unit
- T3 - 3-pin connector, on gearbox
- T10d - 10-pin connector, green, in protective housing for connectors, on left in plenum chamber
- T10 - 10-pin connector, orange, in protective housing for connectors, on left in plenum chamber
- T25 - 25-pin connector, on control unit for ABS/ABS with EDL
- T32 - 32-pin connector, blue
- T47 - 47-pin connector, control unit for ABS with EDL/TCS/ESP
- T68 - 68-pin connector
- T80 - 80-pin connector
- A121 - Connection (high bus), in dash panel wiring harness
- A122 - Connection (low bus), in dash panel wiring harness
- \*\* - Only on engine codes AGZ
- - Only on engine codes AQY, APK up to November 1998

## Golf/Bora

## Current Flow Diagram

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

## Automatic gearbox control unit, road speed sender

- D - Ignition/starter switch
- J217 - Automatic gearbox control unit, in plenum chamber, centre
- J285 - Control unit with display in dash panel insert
- K142 - Selector lever position P/N warning lamp
- L101 - Selector lever display illumination
- N110 - Selector lever lock solenoid
- S7 - Fuse in relay plate fuse box
- S11 - Fuse in relay plate fuse box
- S231 - Fuse in fuse holder
- T10g - 10-pin connector, grey, in protective housing for connectors, in plenum chamber, left
- T32 - 32-pin connector, blue
- T68 - 68-pin connector
- 135 - Earth connection -2-, in dash panel wiring harness
- A2 - Positive (+) connection (15), in dash panel wiring harness
- A4 - Positive (+) connection (58b), in dash panel wiring harness
- B163 - Positive connection -1- (15), in interior wiring harness
- B165 - Positive connection -2- (15), in interior wiring harness
- U8 - Positive connection (15a), in automatic gearbox wiring harness