

Golf/Vento

Current Flow Diagram

No. 111 / 1

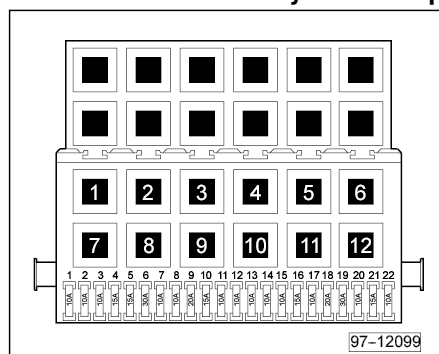
Edition 10.1998

Automatic gearbox

- 2.9 l/140 kW Motronic, engine codes ABV
- 1.6 l/74 kW Simos, engine codes AFT, AKS
- 2.0 l/85 kW Simos, engine codes ADY, AGG, AKR
- 2.8 l/128 kW Motronic, engine codes AAA

From February 1995

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



20 - Starter inhibitor and reversing light relay (150)



Notes:

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

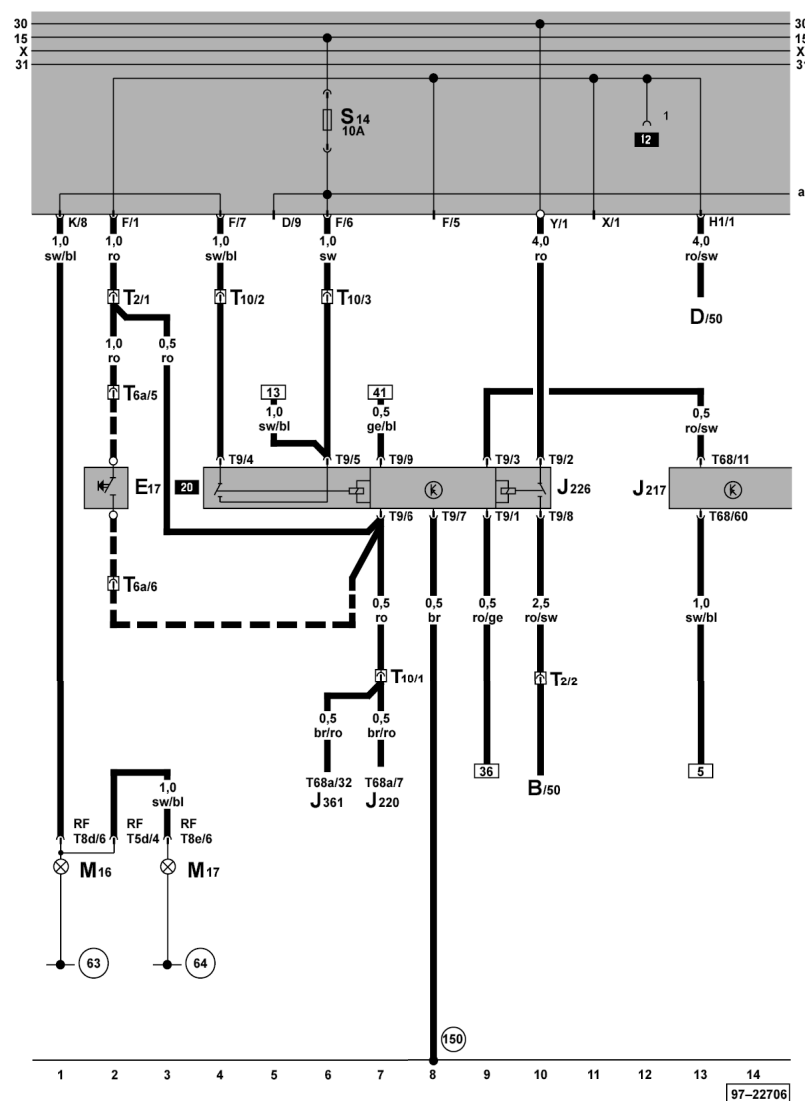
Fuse colours

- 30 A - green
- 25 A - white
- 20 A - yellow
- 15 A - blue
- 10 A - red
- 7.5 A - brown
- 5 A - beige
- 3 A - purple

Golf/Vento

Current Flow Diagram

No. 111 / 2



Starter inhibitor and reversing light relay, automatic gearbox control unit

- B - Starter
- D - Ignition/starter switch
- E17 - Starter inhibitor
- J217 - Automatic gearbox control unit
- J220 - Motronic control unit
- J226 - Starter inhibitor and reversing light relay
- J361 - Simos control unit
- M16 - Reversing light bulb, left
- M17 - Reversing light bulb, right
- T2 - 2-pin connector, near starter
- T5d - 5-pin connector, on left tail light
- T6a - 6-pin connector
- T8d - 8-pin connector, on left tail light
- T8e - 8-pin connector, on left tail light
- T9 - 9-pin connector
- T10 - 10-pin connector, behind relay plate
- T45 - 45-pin connector
- T68 - 68-pin connector
- T68a - 68-pin connector
- 63 - Earth point, left tail light bulb holder
- 64 - Earth point, right tail light bulb holder
- 150 - Earth connection, in automatic gearbox wiring harness
- - Right-hand drive only

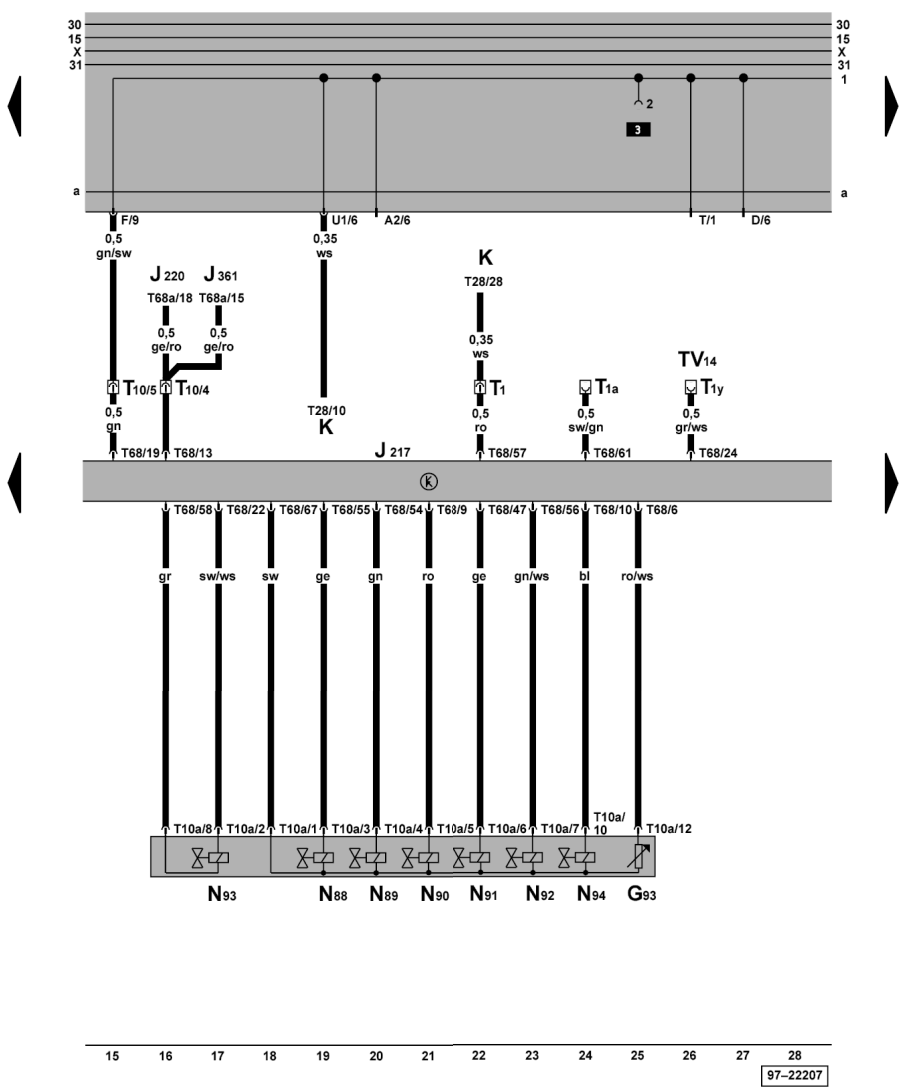
ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink

97-22706

Golf/Vento

Current Flow Diagram

No. 111 / 3



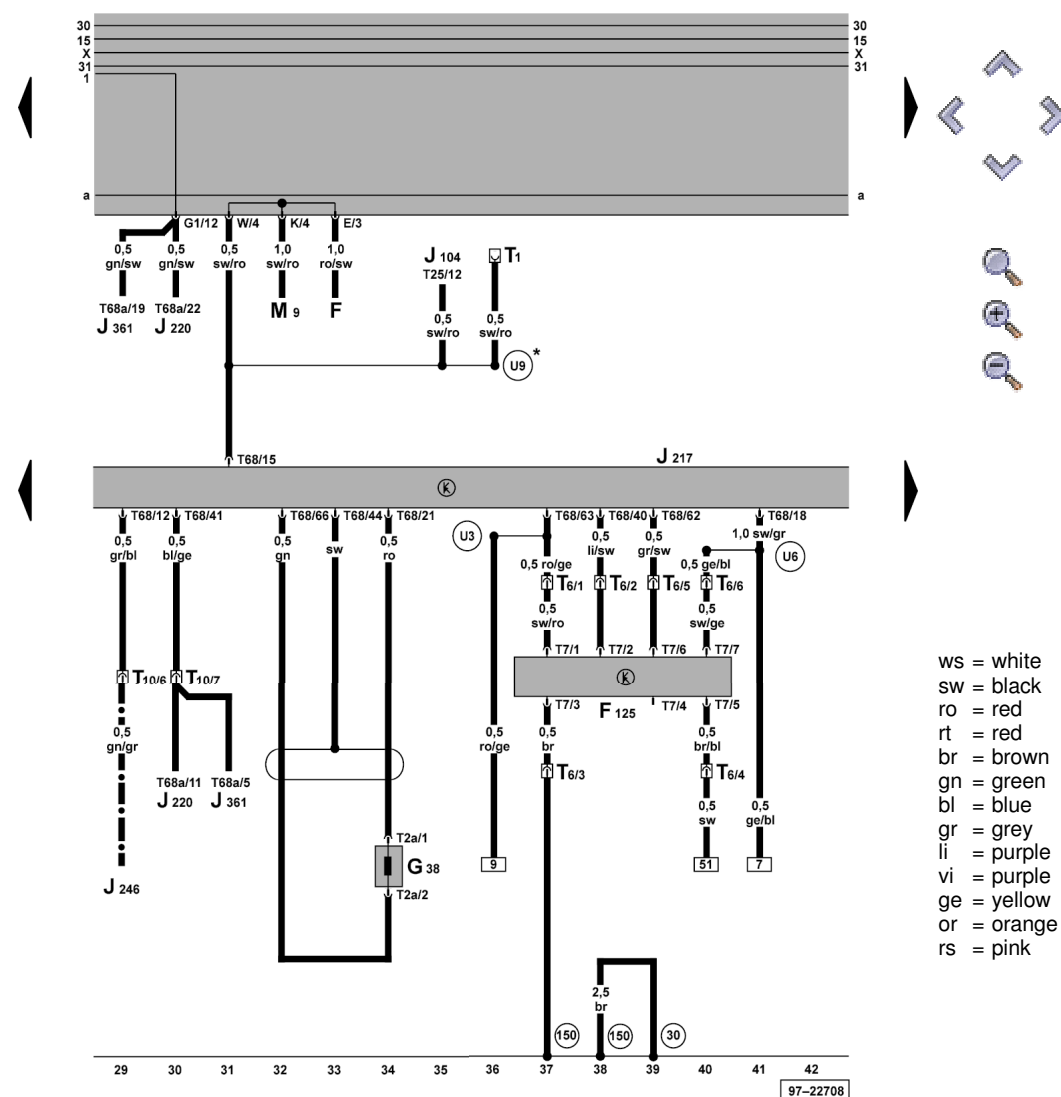
Automatic gearbox control unit, solenoid valves

- G93 - Gearbox oil temperature sender
- J217 - Automatic gearbox control unit
- J220 - Motronic control unit
- J361 - Simos control unit
- K - Dash panel insert
- 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
- T1 - Single connector, behind relay plate
- T1a - Single connector, behind relay plate
- T1y - Single connector, behind relay plate
- T10 - 10-pin connector, behind relay plate
- T10a - 10-pin connector
- T28 - 28-pin connector, on dash panel insert
- T68 - 68-pin connector
- T68a - 68-pin connector
- TV14 - Terminal for self-diagnosis, above the relay plate

Golf/Vento

Current Flow Diagram

No. 111 / 4



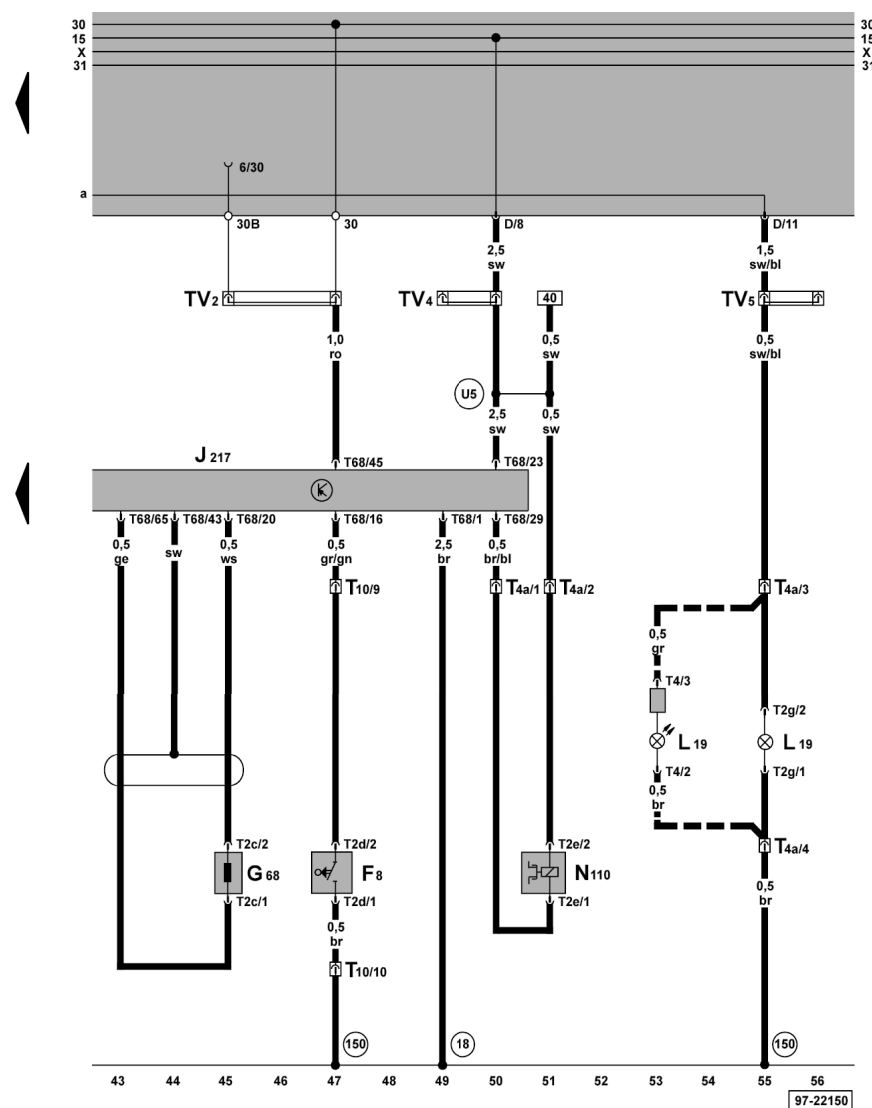
Automatic gearbox control unit, multi-function switch

- F - Brake light switch
- F125 - Multi-function switch
- G38 - Gearbox speed sender, on gearbox
- J104 - ABS control unit
- J217 - Automatic gearbox control unit
- J220 - Motronic control unit
- J246 - Magnetic coupling cut-out relay, air conditioning system
- J361 - Simos control unit
- M9 - Brake light bulb, left
- T1 - Single connector
- T2a - 2-pin connector
- T6 - 6-pin connector
- T7 - 7-pin connector
- T10 - 10-pin connector, behind relay plate
- T28 - 28-pin connector, on engine
- T68 - 68-pin connector
- T68a - 68-pin connector
- 30 - Earth point -1-, next to relay plate
- 150 - Earth connection, in automatic gearbox wiring harness
- U3 - Connection -1-, in automatic gearbox wiring harness
- U6 - Connection -2-, in automatic gearbox wiring harness
- U9 - Connection (54), in automatic gearbox wiring harness
- * - Introduced from January 1998
- - Only models with air conditioner

Golf/Vento

Current Flow Diagram

No. 111 / 5



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

Automatic gearbox control unit, vehicle speed sender, selector lever lock solenoid

- F8 - Kick-down switch
- G68 - Vehicle speed sender (inductive sender, 2 connections)
- J217 - Automatic gearbox control unit
- L19 - Gear selector light bulb
- N110 - Selector lever lock solenoid
- T2c - 2-pin connector
- T2d - 2-pin connector
- T2e - 2-pin connector
- T2g - 2-pin connector
- T4 - 4-pin connector
- T4a - 4-pin connector
- T10 - 10-pin connector, behind relay plate
- T68 - 68-pin connector
- TV2 - Terminal 30 junction box, behind the relay plate
- TV4 - Terminal 15 junction box, above the relay plate
- TV5 - Terminal 15a junction box, above the relay plate
- 18 - Earth point, on engine block

- 150 - Earth connection, in automatic gearbox wiring harness
- U5 - Connection -2- (15), in automatic gearbox wiring harness
- - Right-hand drive only