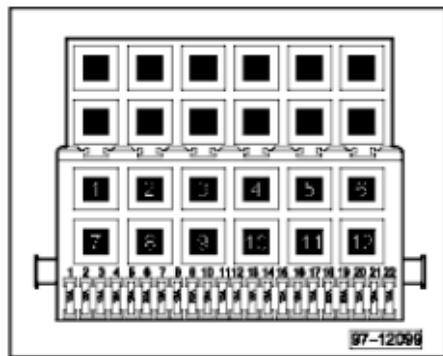


**Golf/Vento****Current Flow Diagram****No. 7 / 1**

Edition 07.1997

From December 1995



3 - Simos control unit current supply relay (30)

12 - Fuel pump relay (167)

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

Fuse colours

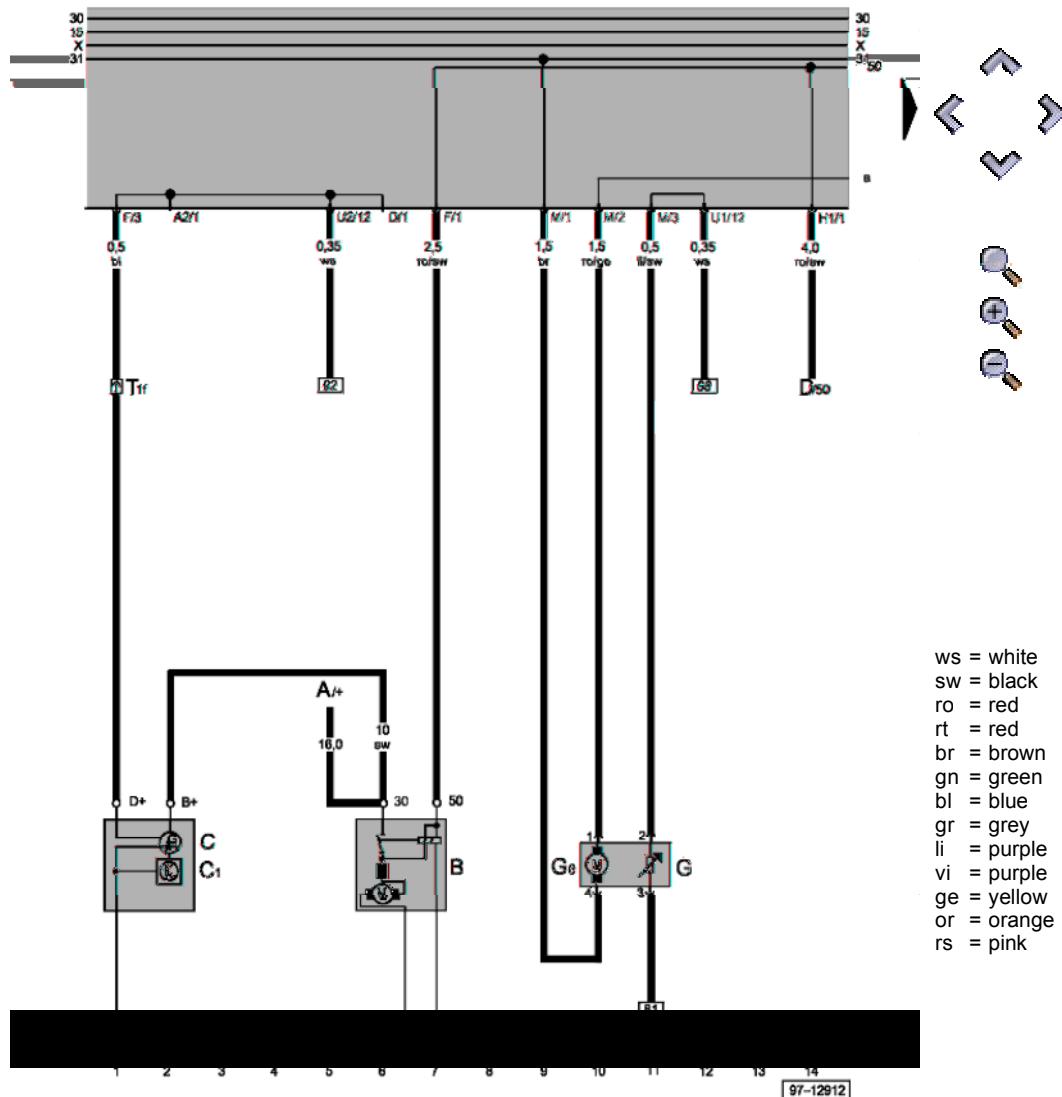
30 A - green

25 A - white

20 A - yellow

15 A - blue

10 A - red



### Alternator, starter, fuel pump, fuel gauge sender

- |     |                                  |
|-----|----------------------------------|
| A   | - Battery                        |
| B   | - Starter                        |
| C   | - Alternator                     |
| C1  | - Voltage regulator              |
| D   | - Ignition/starter switch        |
| G   | - Fuel gauge sender              |
| G6  | - Fuel pump (pre-supply pump)    |
| T1f | - Single connector, near starter |

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

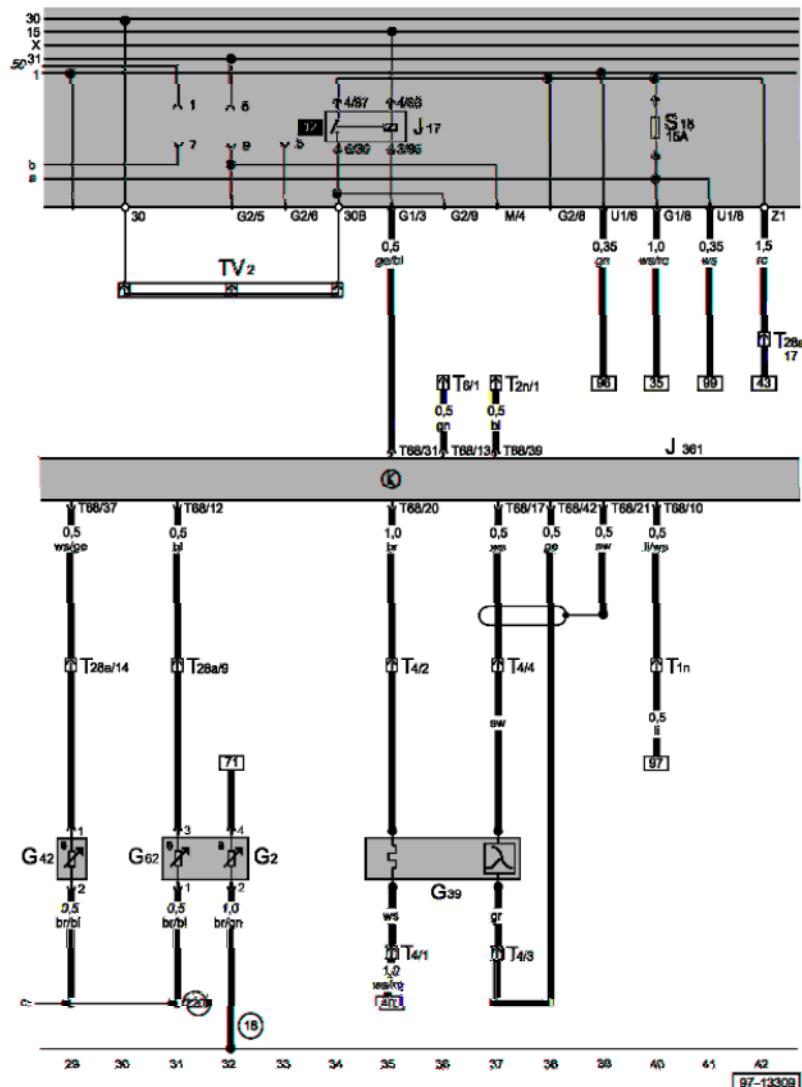
97-12912

**Golf/Vento**

# Golf/Vento

## Current Flow Diagram

No. 7 / 4



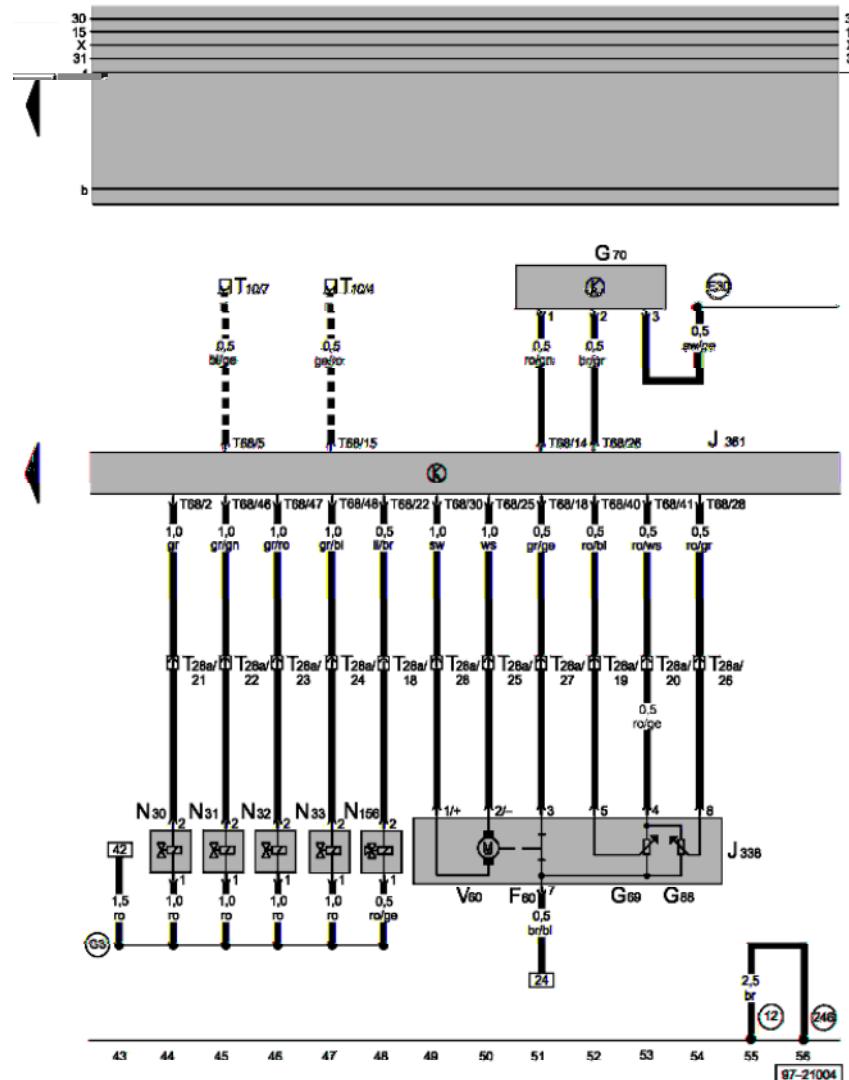
- Simos control unit, Lambda probe, coolant temperature sender, intake manifold temperature sender**
- G2 - Coolant temperature sender
  - G39 - Lambda probe
  - G42 - Intake air temperature sender
  - G62 - Coolant temperature sender
  - J17 - Fuel pump relay
  - J361 - Simos control unit, right in plenum chamber
  - T1n - Single connector, behind the relay plate
  - T2n - 2-pin connector, behind the relay plate - air conditioning system
  - T4 - 4-pin connector, near exhaust manifold
  - T6 - 6-pin connector, air conditioning system
  - TV2 - Terminal 30 junction box, behind the relay plate
  - 18 - Earth point, on cylinder block
  - 220 - Earth connection (sender earth), in engine wiring harness

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

# Golf/Vento

## Current Flow Diagram

No. 7 / 5

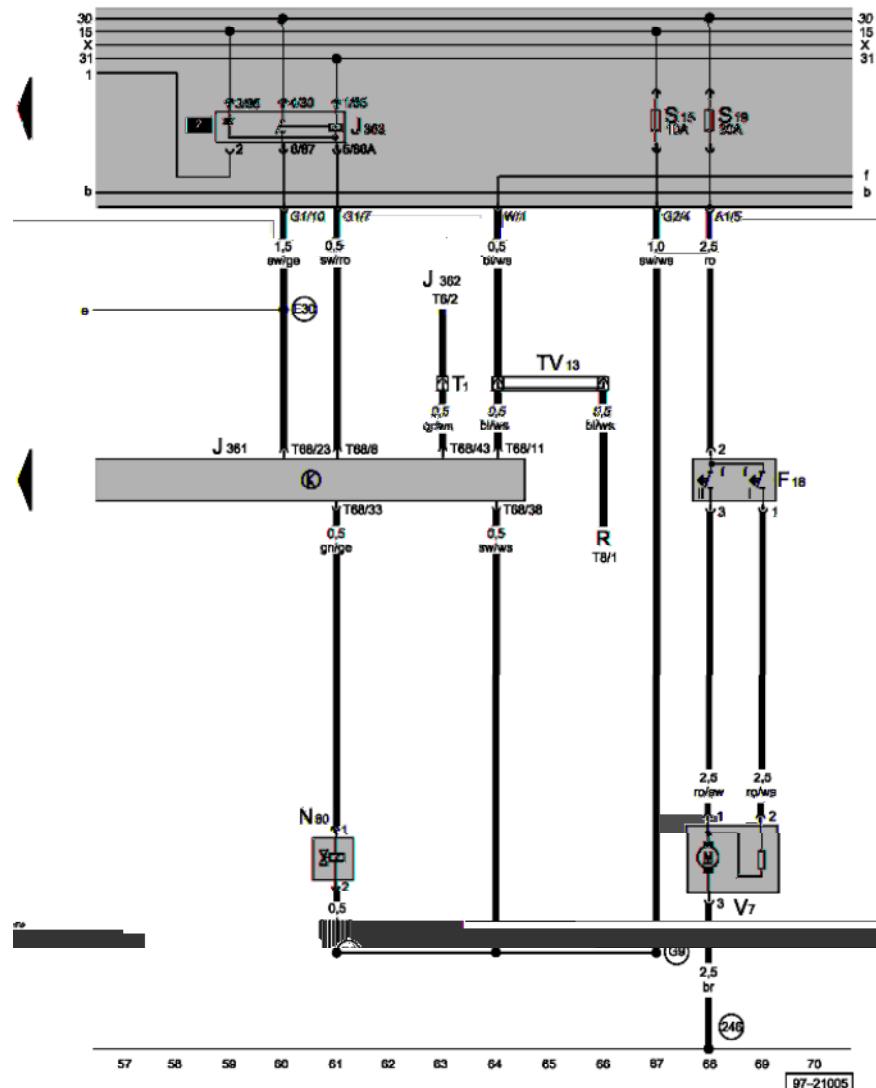


**Simos control unit, injectors, air mass meter, throttle valve control part, intake manifold change-over valve**

- F60 - Idling switch
- G69 - Throttle valve potentiometer
- G70 - Air mass meter
- G88 - Throttle valve positioner potentiometer
- J338 - Throttle valve control unit
- J361 - Simos control unit, right in plenum chamber
- N30 - Injector, cylinder 1
- N31 - Injector, cylinder 2
- N32 - Injector, cylinder 3
- N33 - Injector, cylinder 4
- N156 - Intake manifold change-over valve
- T10 - 10-pin connector, behind the relay plate
- T28a - 28-pin connector, on left cylinder head
- T68 - 68-pin connector
- V60 - Throttle valve positioner
- 12 - Earth point, in engine compartment, left
- 246 - Earth connection, in Simos wiring harness
- E30 - Connection (87), in engine wiring harness
- G3 - Positive (+) connection in cable sleeve - injectors
- ... - For automatic gearbox 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

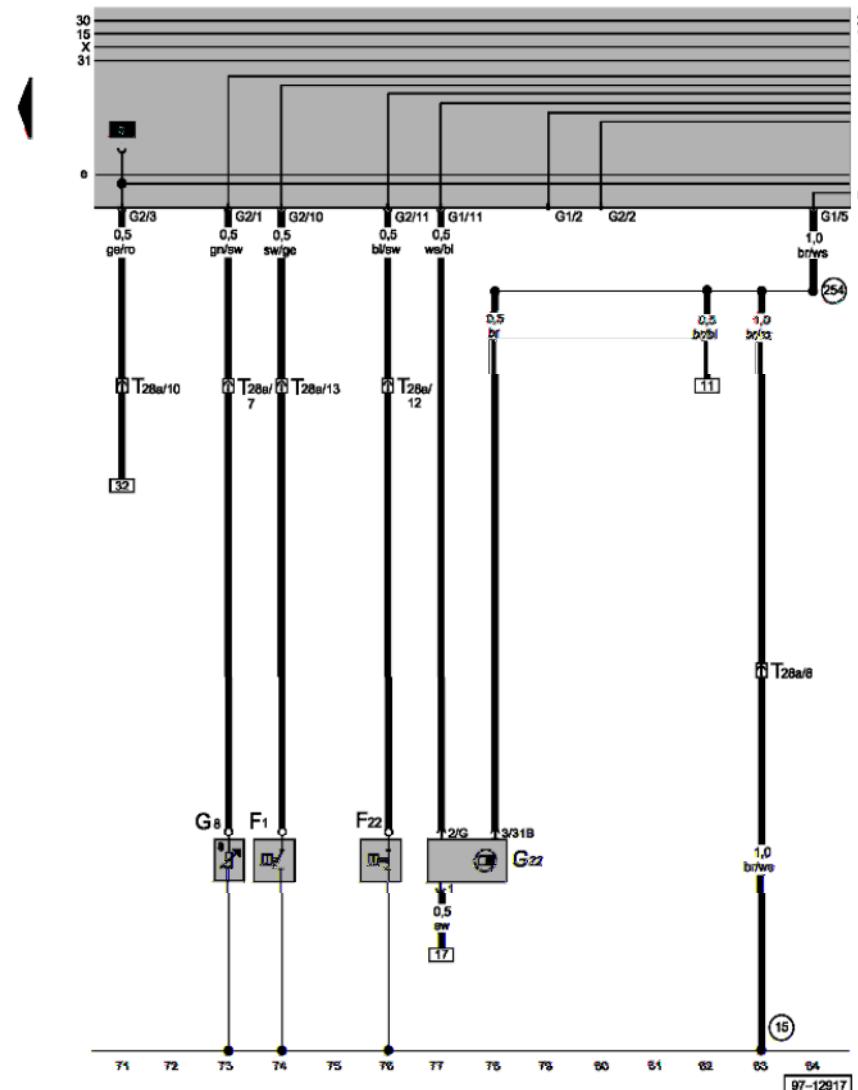
97-21004

**Golf/Vento****Current Flow Diagram****No. 7 / 6****Simos control unit, activated charcoal filter system solenoid valve**

- F18 - Radiator fan thermo-switch
- J361 - Simos control unit, right in plenum chamber
- J362 - Immobilizer control unit, left behind dash panel
- J363 - Current supply relay for Simos control unit
- N80 - Activated charcoal filter system solenoid valve I (pulsed)
- R - Radio
- T1 - Single connector
- T6 - 6-pin connector, on immobilizer control unit
- T8 - 8-pin connector, on radio
- T68 - 68-pin connector
- TV13 - Speed signal junction box, above the relay plate
- V7 - Radiator fan
- 246 - Earth connection, in Simos wiring harness
- E30 - Connection (87), in engine wiring harness
- G9 - Connection, in Simos wiring harness

ws = white  
 sw = black  
 ro = red  
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 bl = blue  
 gr = grey  
 li = purple  
 vi = purple  
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 or = orange  
 rs = pink

97-21005

**Golf/Vento****Current Flow Diagram****No. 7 / 7****Oil temperature sender, oil pressure switch, speedometer sender**

- F1 - Oil pressure switch \*
- F22 - Oil pressure switch (0.3 bar)
- G8 - Oil temperature sender
- G22 - Speedometer sender (Hall sender on gearbox)
- T2c - 2-pin connector, behind the relay plate
- T2d - 2-pin connector, right front in engine compartment
- T28a - 28-pin connector, on left cylinder head
- 15 - Earth point, on cylinder head

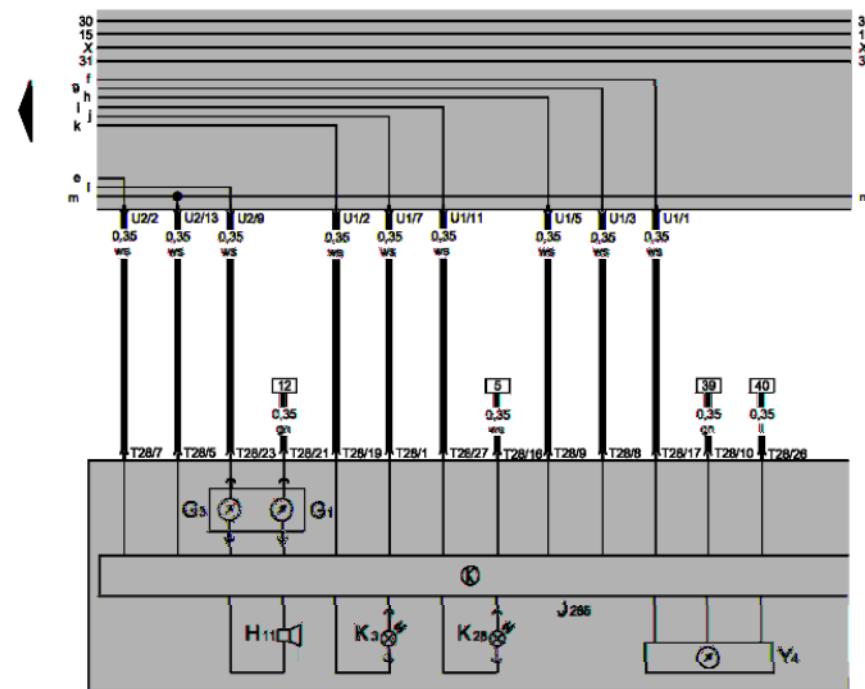
254 - Earth connection, in Simos wiring harness

\* - For switching points, see Golf/Vento Engine Manual 1994>

# Golf/Vento

## Current Flow Diagram

No. 7 / 8



Dash panel insert, optical and acoustic oil pressure warning, odometer display, coolant shortage and coolant temperature warning, fuel gauge

- G1 - Fuel gauge
- G3 - Coolant temperature gauge
- H11 - Oil pressure warning buzzer
- J285 - Control unit with display in dash panel insert
- K3 - Oil pressure warning lamp
- K28 - Coolant temperature/ coolant shortage warning lamp
- T28 - 28-pin connector, on dash panel insert
- Y4 - Odometer display

ws = white  
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**Golf/Vento**