

Golf/Vento

Current Flow Diagram

No. 81 / 1**Edition 07.2006****2.0 l/85 kW Simos, engine code ADY**

from August 1994

2.0 l/85 kW Simos, engine code AGG

from August 1995

Notes:

For information concerning

- ◆ Position of relays and fuses
- ◆ Multi-pin connections
- ◆ Control units and relays
- ◆ Earth connections

[→ List of Fitting Locations!](#)

For information concerning

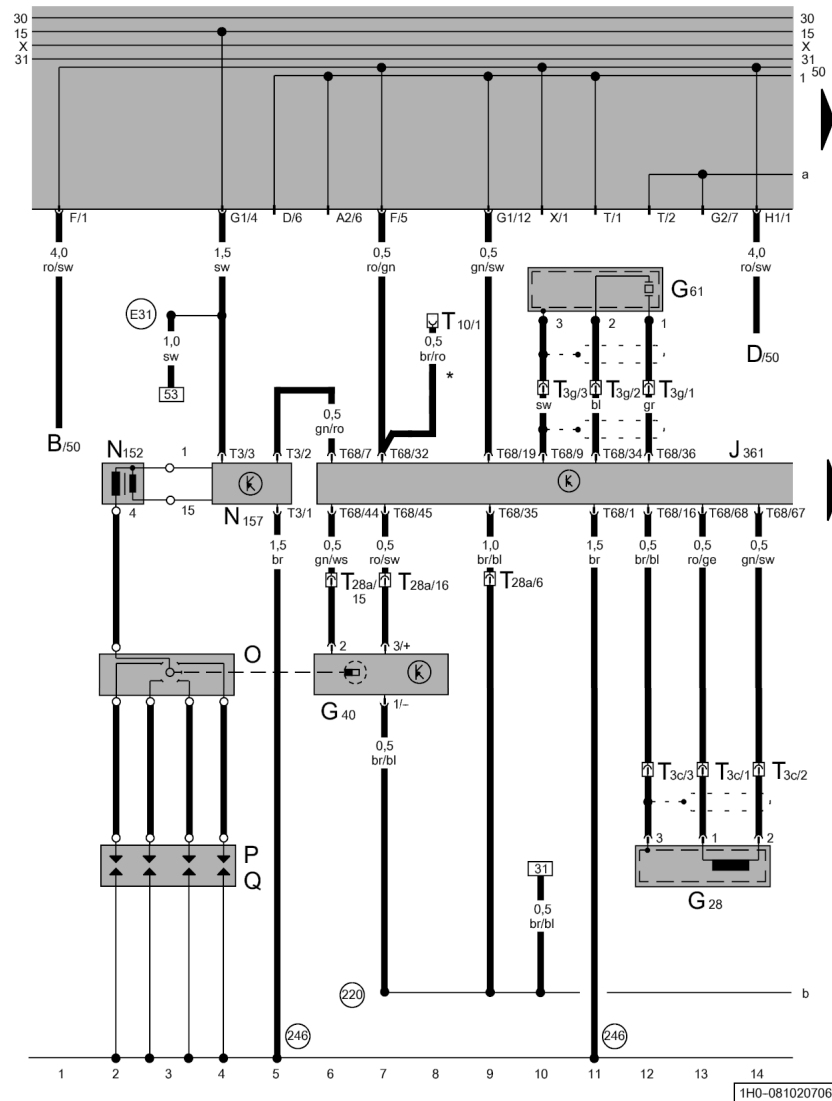
- ◆ Fault Finding Programs

[→ guided fault finding](#)

Golf/Vento

Current Flow Diagram

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Simos control unit, ignition system, engine speed sender, knock sensor

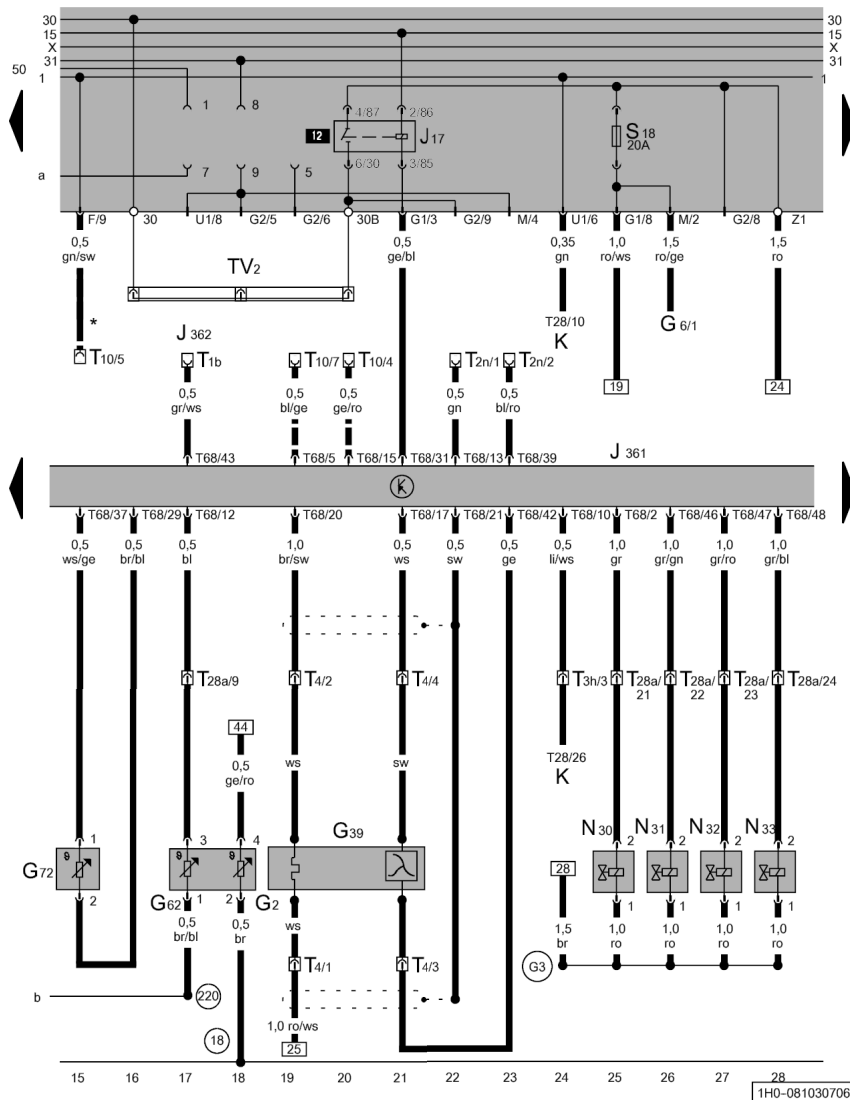
- B - Starter
- D - Ignition/starter switch
- G28 - Engine speed sender
- G40 - Hall sender
- G61 - Knock sensor
- J361 - Simos control unit, on right in plenum chamber
- N152 - Ignition transformer
- N157 - Ignition transformer output stage
- O - Ignition distributor
- P - Spark plug connector
- Q - Spark plugs
- T3 - 3-pin connector
- T3c - 3-pin connector, on engine
- T3g - 3-pin connector, on engine
- T10 - 10-pin connector, behind the relay plate
- T28a - 28-pin connector, on engine
- T68 - 68-pin connector
- 220 - Earth connection (sender earth), in engine wiring harness
- 246 - Earth connection (control unit), in engine wiring harness
- E31 - Connection (15), in engine wiring harness
- * - only automatic gearbox

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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Current Flow Diagram

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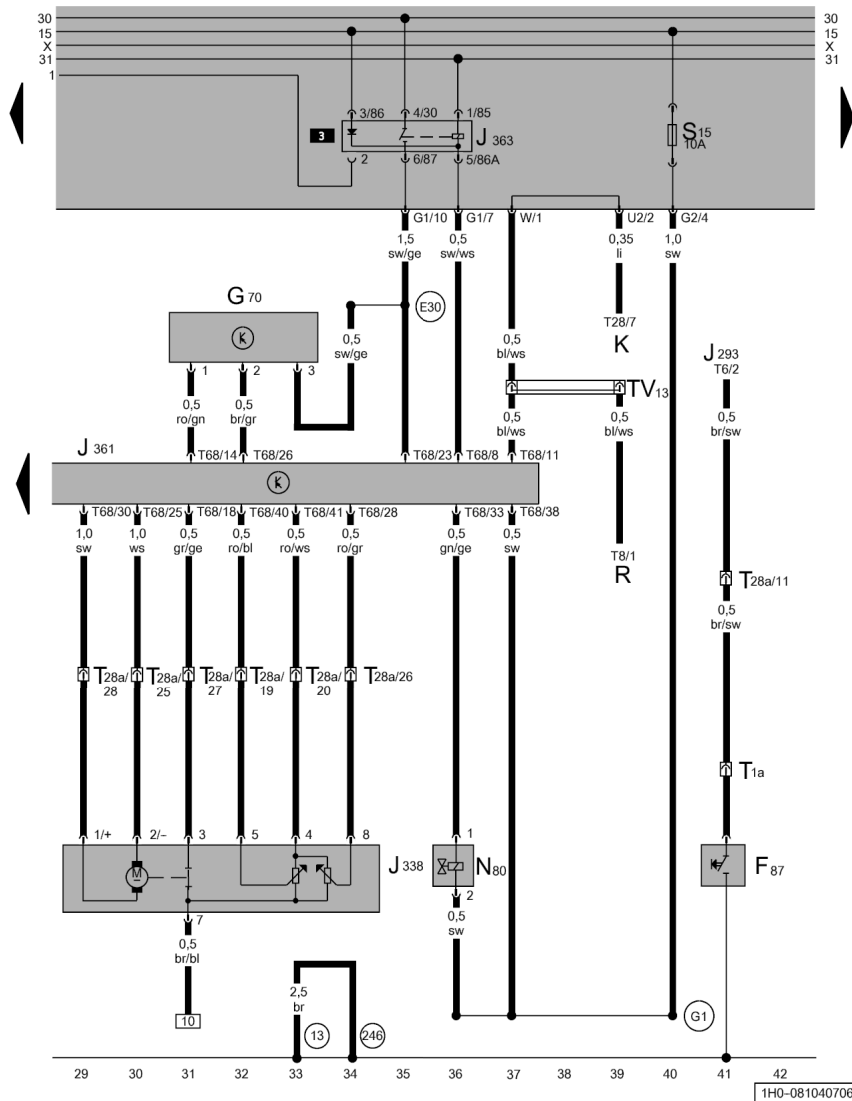
Simos control unit, intake manifold temperature sender, coolant temperature sender, lambda probe, injectors

- G2 - Coolant temperature display sender
- G6 - Fuel pump
- G39 - Lambda probe
- G62 - Coolant temperature sender
- G72 - Intake manifold temperature sender
- J17 - Fuel pump relay
- J361 - Simos control unit, on right in plenum chamber
- J362 - Immobilizer control unit
- K - Dash panel insert
- N30 - Injector, cylinder 1
- N31 - Injector, cylinder 2
- N32 - Injector, cylinder 3
- N33 - Injector, cylinder 4
- T1b - 1-pin connector, above the relay plate
- T2n - 2-pin connector, behind the relay plate
- T3h - 3-pin connector, above the relay plate
- T4 - 4-pin connector, near intake manifold
- T10 - 10-pin connector, behind the relay plate
- T28 - 28-pin connector, on dash panel insert
- T28a - 28-pin connector, on engine
- T68 - 68-pin connector
- TV2 - Terminal 30 wiring junction, above the relay plate
- 18 - Earth point, on engine block
- 220 - Earth connection (sender earth), in engine wiring harness
- G3 - Positive connection in cable sleeve - injectors
- * - only automatic gearbox

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Current Flow Diagram

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Simos control unit, air mass meter, throttle valve module, activated charcoal filter system solenoid valve

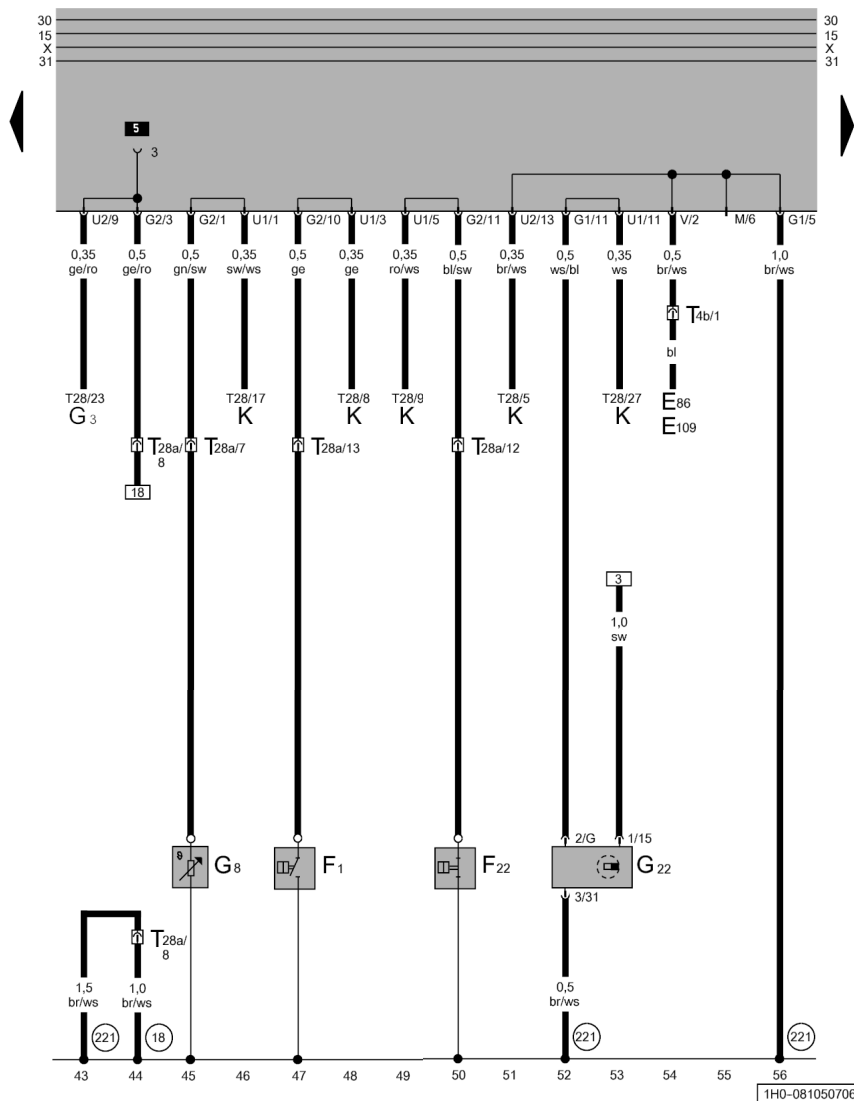
- F87 - Fan run-on thermal switch
- G70 - Air mass meter
- J293 - Radiator fan control unit
- J338 - Throttle valve module
- J361 - Simos control unit, on right in plenum chamber
- J363 - Current supply relay for Simos control unit
- K - Dash panel insert
- N80 - Activated charcoal filter system solenoid valve 1 (pulsed)
- R - Radio
- T1a - 1-pin connector, in left engine compartment
- T6 - 6-pin connector
- T8 - 8-pin connector, on radio
- T28 - 28-pin connector, on dash panel insert
- T28a - 28-pin connector, on engine
- TV13 - Speed signal wiring junction, above the relay plate
- 13 - Earth point, on right in engine compartment
- 246 - Earth connection (control unit), in engine wiring harness
- E30 - Connection (87a), in engine wiring harness
- G1 - Positive connection (15), in engine harness

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ge = yellow
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rs = pink

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Current Flow Diagram

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ws = white
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ge = yellow
or = orange
rs = pink

Oil pressure switch, speedometer sender

- E86 - Multifunction display call-up button
- E109 - Multifunction display memory switch
- F1 - Oil pressure switch
- F22 - Oil pressure switch (0.3 bar)
- G3 - Coolant temperature gauge
- G8 - Oil temperature sender
- G22 - Speedometer sender (Hall sender, on gearbox)
- K - Dash panel insert
- T4b - 4-pin connector, behind steering column switch trim
- T28 - 28-pin connector, on dash panel insert
- T28a - 28-pin connector, on engine
- 18 - Earth point, on engine block
- 221 - Earth connection (engine earth), in engine wiring harness