

Golf/Vento

Current Flow Diagram

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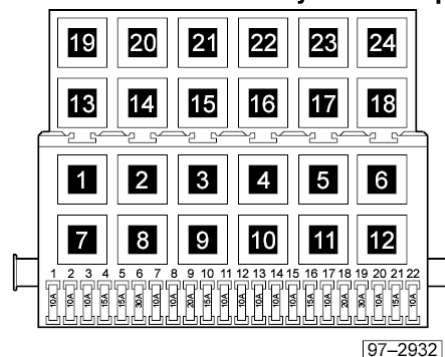
Edition 09.1994

2.0 I-Digifant/110 kW, engine codes ABF

From October 1992

Position of relays:

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



- 3 - Relay for Digifant control unit (30)
- 12 - Fuel pump relay (167)
- 21 - Heater control unit - lambda probe (53)



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

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

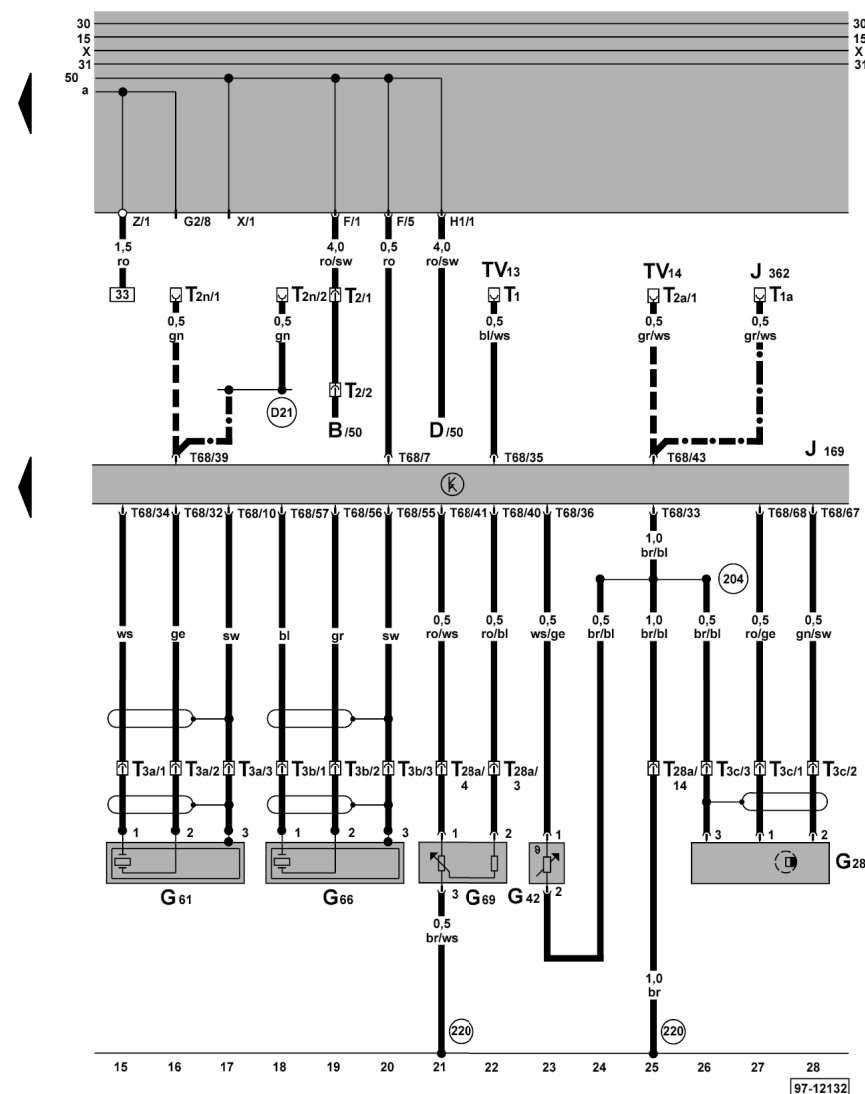
G6	- Fuel pump (pre-supply pump)
G39	- Lambda probe
G40	- Hall sender
J17	- Fuel pump relay
J169	- Digifant control unit, in plenum chamber, right
J208	- Heater control unit-lambda probes
N152	- Ignition transformer
N157	- Ignition transformer output stage
O	- Ignition distributor
P	- Spark plug connector
Q	- Spark plugs
T3d	- 3-pin connector, ignition transformer output stage
T4	- 4-pin connector, near intake manifold
T28a	- 28-pin connector, on engine
T68	- 68-pin connector, on Digifant control unit
94	- Earth connection -1-, in Digifant wiring harness
220	- Earth connection (sender earth), in engine wiring harness
G1	- Positive (+) connection Digifant wiring harness
---	- Up to September 1994
---	- From October 1994, J 208 no longer fitted

- ■ ■ - Up to September 1994
- ■ ■ - From October 1994, J 208 no longer fitted

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Current Flow Diagram

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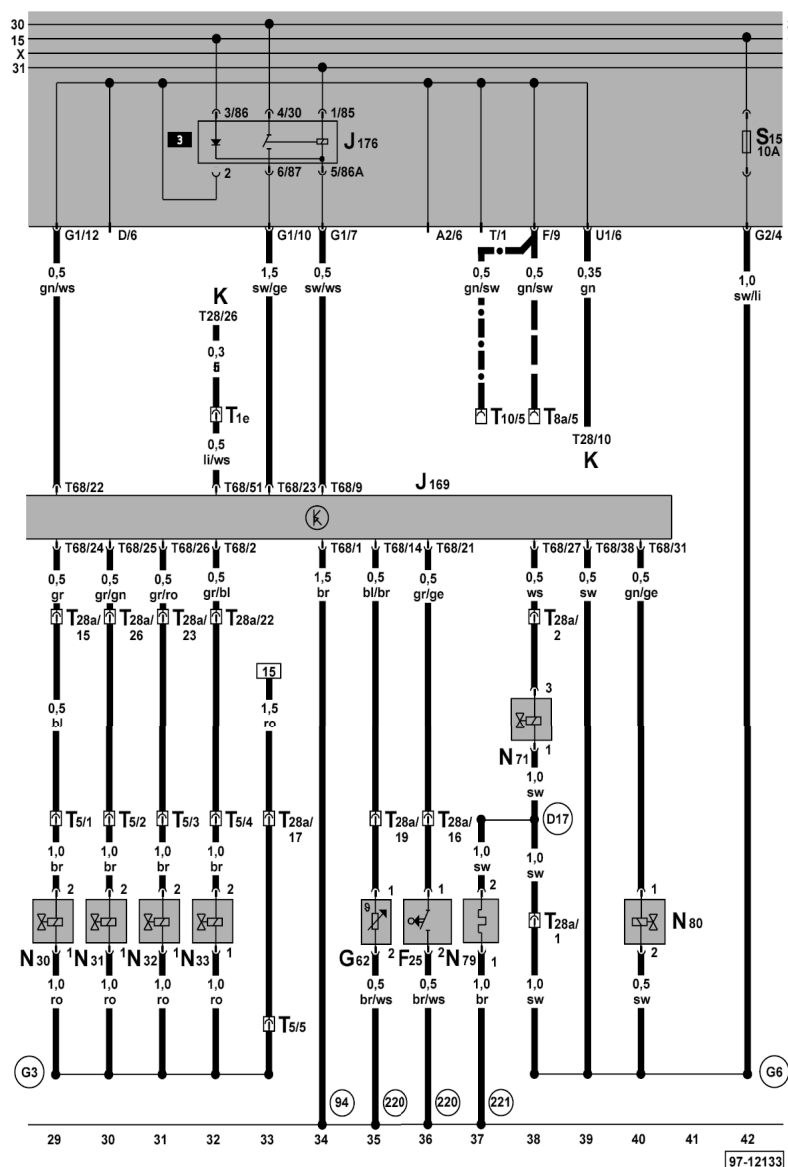
Digifant control unit, knock sensor, engine speed sender, intake air temperature, throttle valve potentiometer

- B - Starter
- D - Ignition/starter switch
- G28 - Engine speed sender
- G42 - Intake air temperature sender
- G61 - Knock sensor I
- G66 - Knock sensor II
- G69 - Throttle valve potentiometer
- J169 - Digifant control unit, in plenum chamber, right
- J362 - Immobilizer control unit
- T1 - Single connector, behind relay plate
- T1a - Single connector, behind relay plate
- T2 - 2-pin connector, behind relay plate
- T2a - 2-pin connector, above the relay plate
- T2n - 2-pin connector, behind relay plate, connection for air conditioner-
- T3a - 3-pin connector, on engine
- T3b - 3-pin connector, on engine
- T3c - 3-pin connector, on engine
- T28a - 28-pin connector, on engine
- T68 - 68-pin connector
- TV13 - Terminal for speed signal above the relay plate
- TV14 - Terminal for self-diagnosis, above the relay plate
- D21 - Connection (air conditioner), in Digifant wiring harness
- 204 - Earth connection -3-, in Digifant wiring harness
- 220 - Earth connection (sender earth), in engine wiring harness
- - Up to September 1994
- - From October 1994

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Current Flow Diagram

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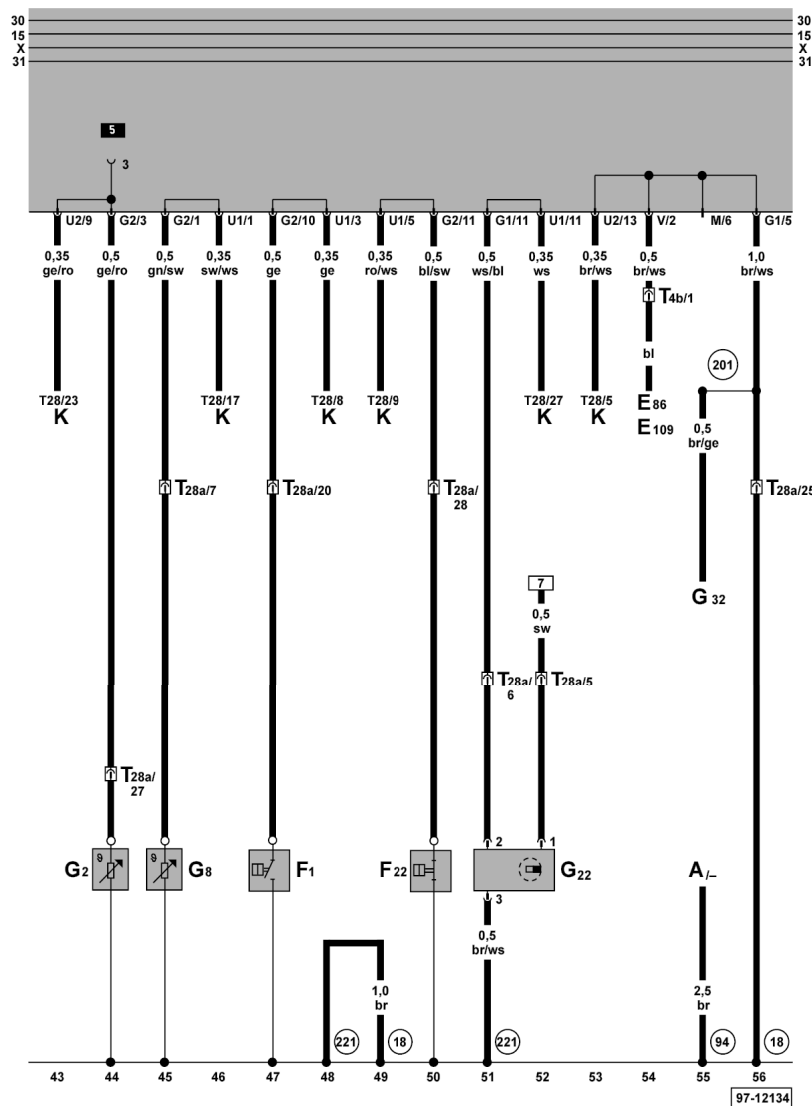
Digifant control unit, injectors, idling stabilization

- F25 - Throttle valve switch
- G62 - Coolant temperature sender
- J169 - Digifant control unit, in plenum chamber, right
- J176 - Digifant control unit current supply relay
- K - Dash panel insert
- N30 - Injector, cylinder 1
- N31 - Injector, cylinder 2
- N32 - Injector, cylinder 3
- N33 - Injector, cylinder 4
- N71 - Idling stabilization valve
- N79 - Heater element (crankcase breather)
- N80 - Activated charcoal filter system solenoid valve (pulsed)
- T1e - Single connector, behind relay plate
- T5 - 5-pin connector, on injector bracket
- T8a - 8-pin connector, behind relay plate
- T10 - 10-pin connector, behind relay plate
- T28 - 28-pin connector, on dash panel insert
- T28a - 28-pin connector, on engine
- T68 - 68-pin connector, on Digifant control unit
- 94 - Earth connection -1-, in Digifant wiring harness
- 220 - Earth connection (sender earth), in engine wiring harness
- 221 - Earth connection (engine earth), in engine wiring harness
- D17 - Positive (+) connection -1- (15), in engine wiring harness
- G3 - Positive (+) connection in cable sleeve - injectors
- G6 - Positive (+) connection (15), in Digifant wiring harness
- Only models with automatic gearbox, up to September 1994
- Only models with automatic gearbox, from October 1994

Golf/Vento

Current Flow Diagram

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ws = white
 sw = black
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 gn = green
 bl = blue
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 or = orange
 rs = pink

Oil temperature sender, oil pressure switch, speedometer sender

- A - Battery
- E86 - Multi-function display call-up button
- E109 - Multi-function display, memory switch
- F1 - Oil pressure switch*
- F22 - Oil pressure switch *
- G2 - Coolant temperature gauge sender
- G8 - Oil temperature sender
- G22 - Speedometer sender
- G32 - Coolant shortage indicator sender
- 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 cylinder block
- 94 - Earth connection -1-, in Digifant wiring harness
- 201 - Earth connection -5-, in engine compartment wiring harness
- 221 - Earth connection (engine earth), in engine wiring harness
- * - For switch values see Workshop manual
 Golf/Vento 1992 ► Engine