

Golf/Vento

Current Flow Diagram

No. 13 / 1

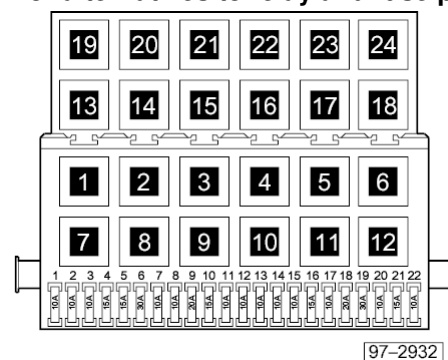
Edition 03.2000

2.8 I fuel injection engine - Motronic/128 kW, engine codes AAA

From October 1991

Position of relays:

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



3 - Motronic current supply relay (109)

12 - Fuel pump relay (67, 167)



Note:

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

Fuse colours

30 A - green

25 A - white

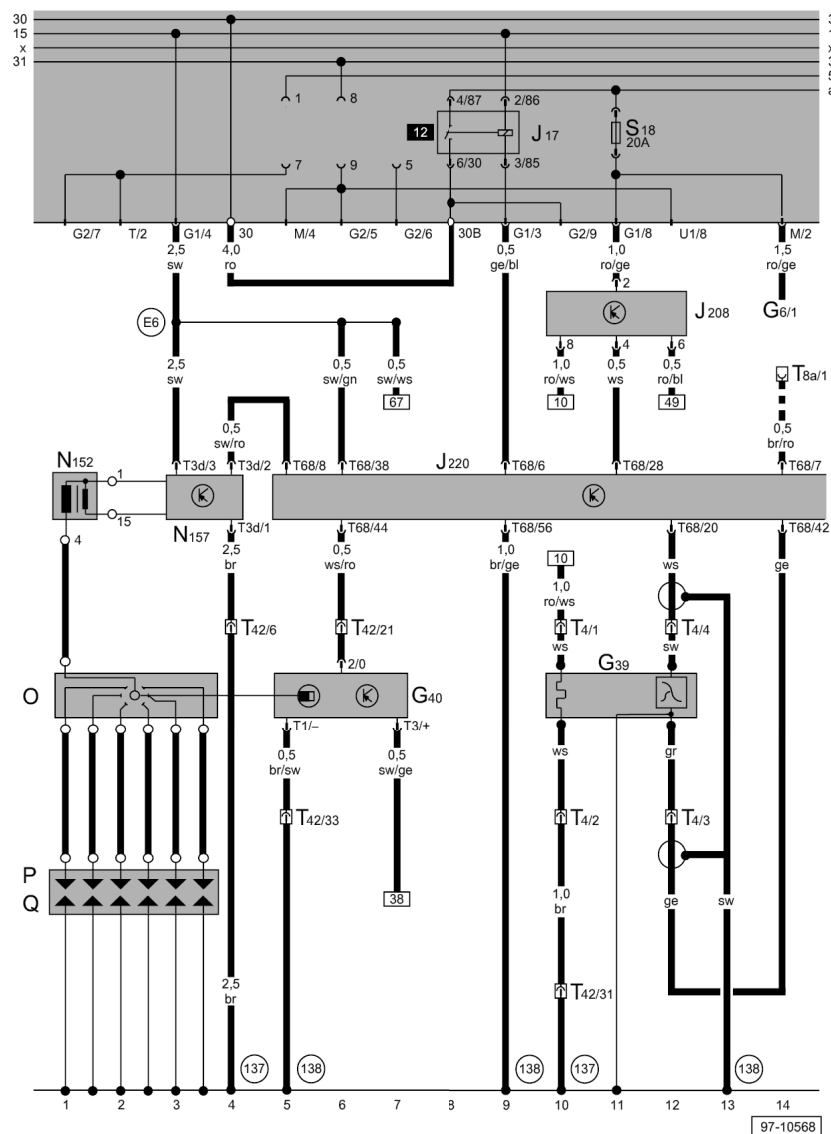
20 A - yellow

15 A - blue

10 A - red

Current Flow Diagram

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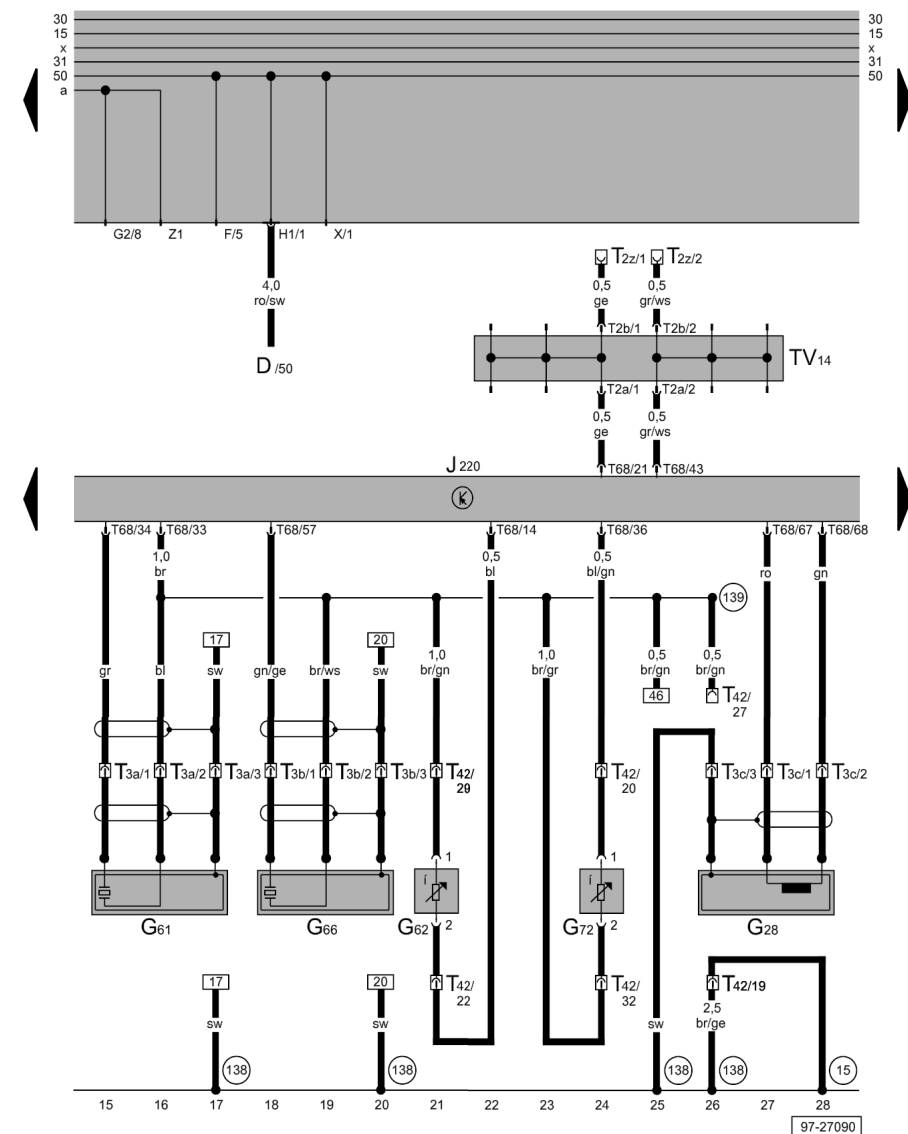
- G6 - Fuel pump
- G39 - Lambda probe
- G40 - Hall sender
- J17 - Fuel pump relay
- J208 - Heater control unit-lambda probes
- J220 - Motronic control unit, in plenum chamber, right
- N152 - Ignition transformer
- N157 - Ignition transformer output stage
- O - Ignition distributor
- P - Spark plug connector
- Q - Spark plugs
- T3d - 3-pin connector, ignition transformer output stage
- T4 - 4-pin connector, an Motorhalter
- T8a - 8-pin connector, behind relay plate, only models with automatic gearbox
- T42 - 42-pin connector, on engine
- T68 - 68-pin connector
- 137 - Earth connection (end stage), in Motronic wiring harness
- 138 - Earth connection (control unit), in Motronic wiring harness
- E6 - Positive (+) connection -1- (15), in Motronic wiring harness
- - Only models with automatic gearbox

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

Golf/Vento

Current Flow Diagram

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Motronic control unit, knock sensor, engine speed sender, intake manifold temperature sender, coolant temperature senders

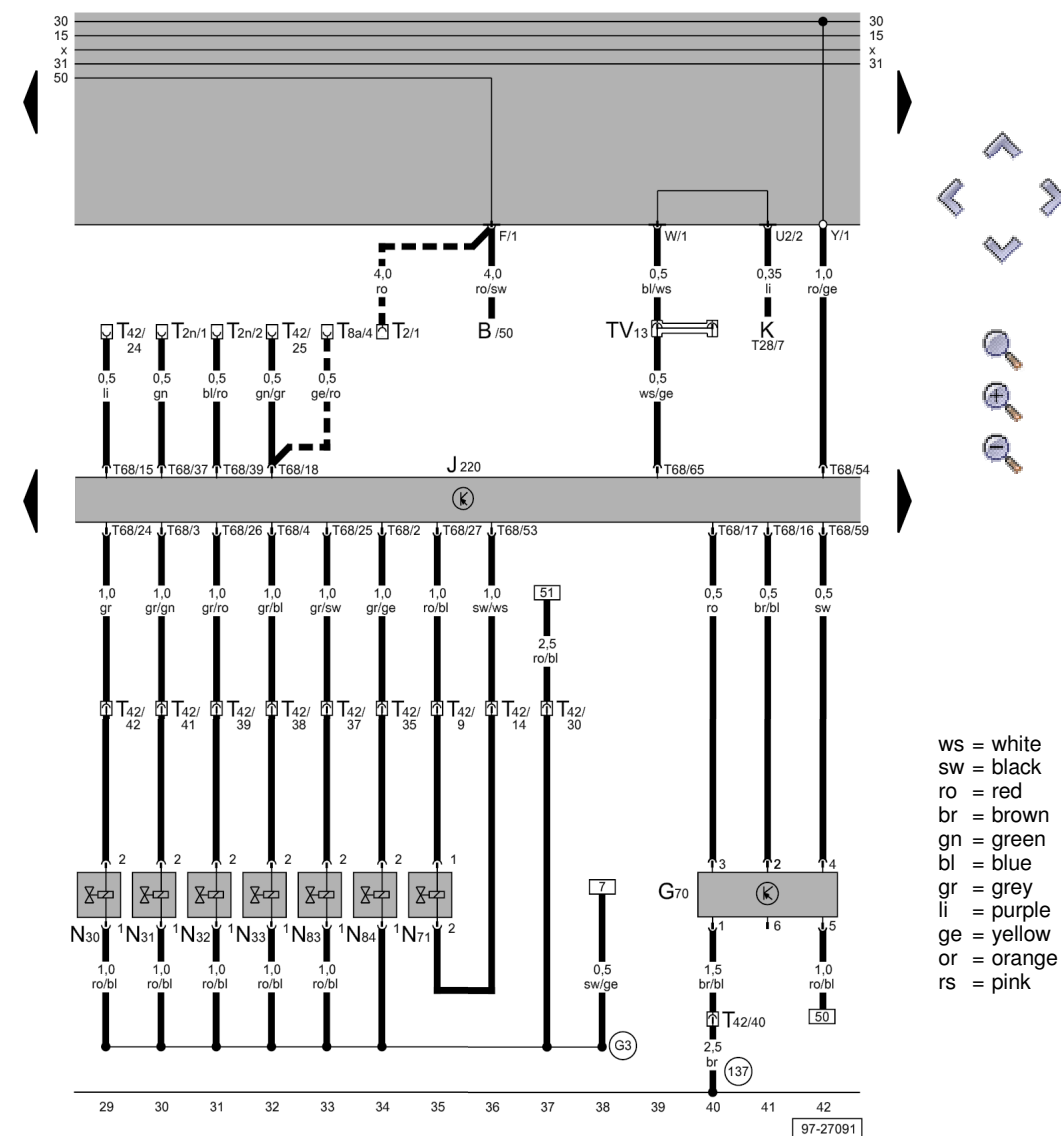
- G28 - Engine speed sender
- G61 - Knock sensor I
- G62 - Coolant temperature sender
- G66 - Knock sensor II
- G72 - Intake manifold temperature sender
- J220 - Motronic control unit, in plenum chamber, right
- T2a - 2-pin connector, above the relay plate
- T2b - 2-pin connector, above the relay plate
- T2z - 3-pin connector, behind dash panel, centre, self-diagnosis connection
- T3a - 3-pin connector, on cylinder head cover
- T3b - 3-pin connector, near engine front
- T3c - 3-pin connector, near engine front
- T8 - 8-pin connector, on radio
- T42 - 42-pin connector, on engine
- T68 - 68-pin connector
- TV14 - Terminal for self-diagnosis, above the relay plate
- 15 - Earth point, on cylinder head
- 138 - Earth connection (control unit), in Motronic wiring harness
- 139 - Earth connection (sender earth), in Motronic wiring harness

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Golf/Vento

Current Flow Diagram

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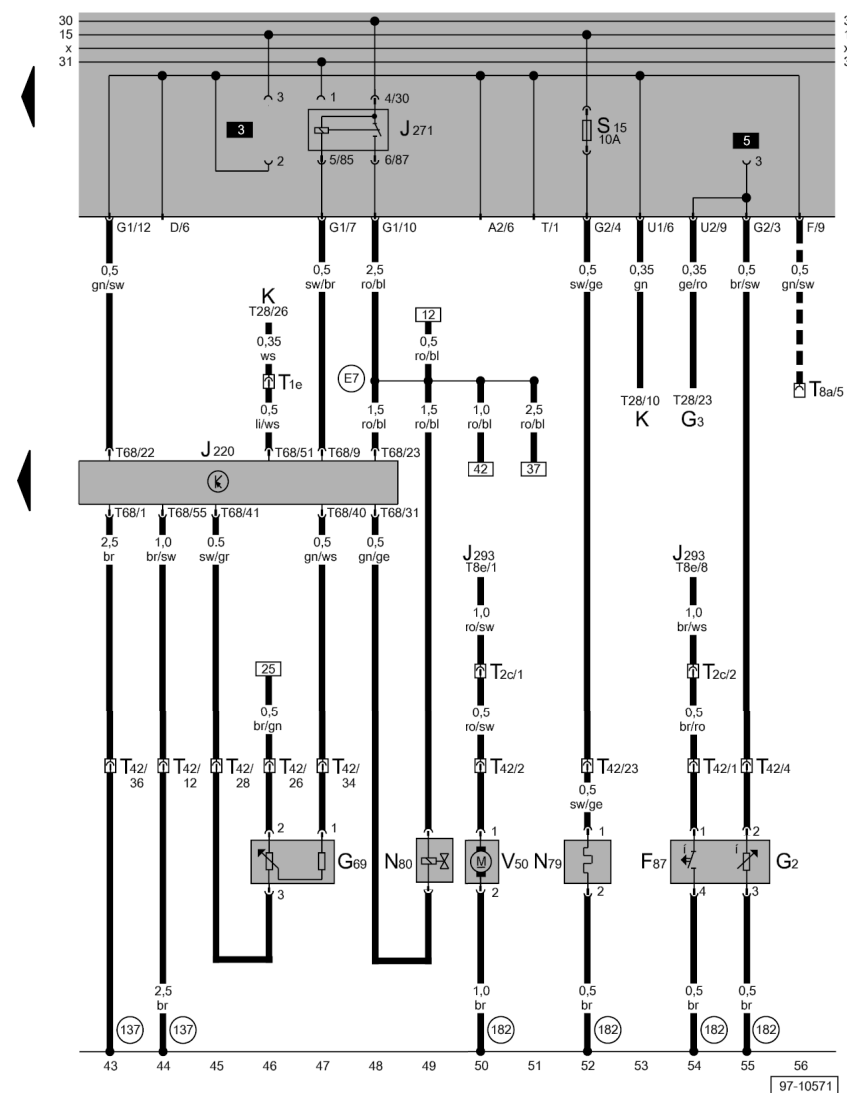
Motronic control unit, injectors, air mass meter, idling stabilization valve

- B - Starter
- G70 - Air mass meter
- J220 - Motronic control unit, in plenum chamber, right
- K - Dash panel insert
- N30 - Injector, cylinder 1
- N31 - Injector, cylinder 2
- N32 - Injector, cylinder 3
- N33 - Injector, cylinder 4
- N71 - Idling stabilization valve
- N83 - Injector, cylinder 5
- N84 - Injector, cylinder 6
- T2 - 2-pin connector, behind relay plate
- T2n - 2-pin connector, behind relay plate, connection for air conditioner
- T8a - 8-pin connector, behind relay plate
- T28 - 28-pin connector
- T42 - 42-pin connector, on engine
- T68 - 68-pin connector
- TV13 - Terminal for speed signal, above the relay plate
- 137 - Earth connection (end stage), in Motronic wiring harness
- G3 - Positive (+) connection in cable sleeve - injectors
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Golf/Vento

Current Flow Diagram

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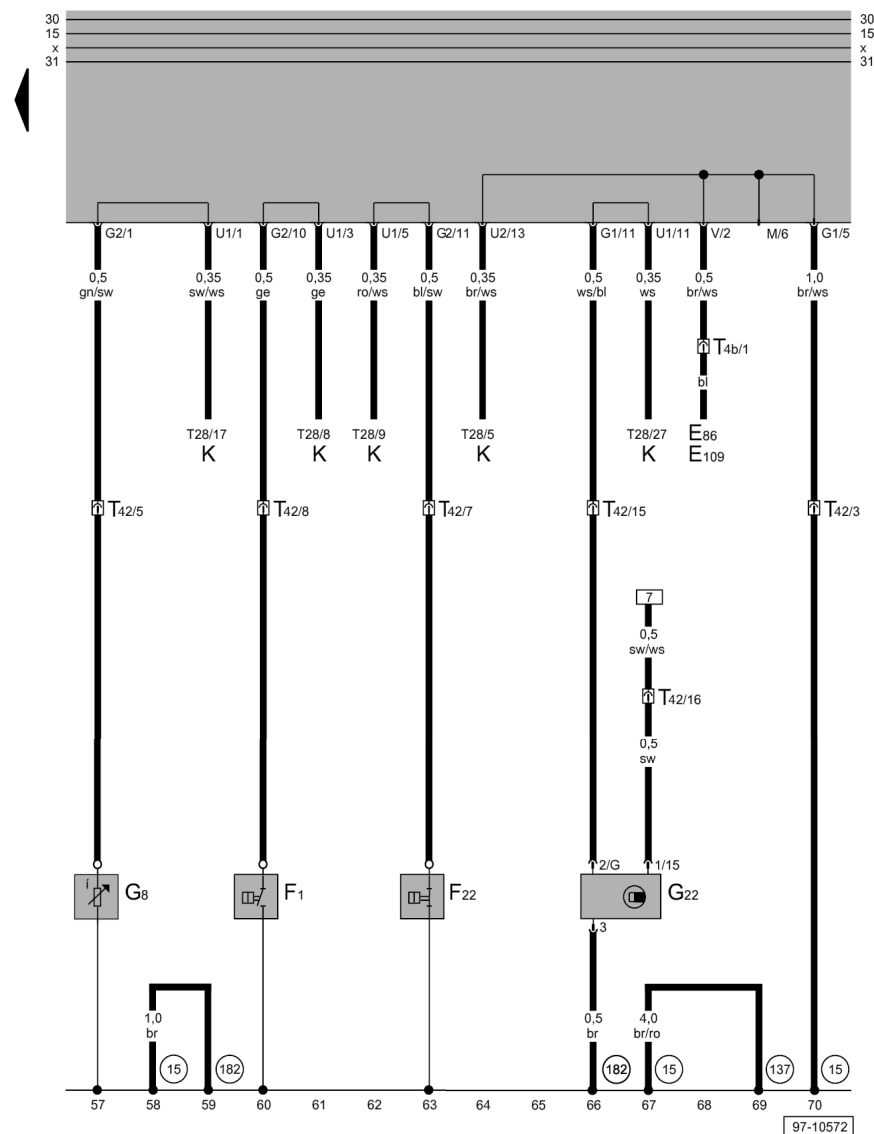
Motronic control unit, throttle valve potentiometer, Motronic current supply relay

- F87 - Fan run-on thermo-switch
- G2 - Coolant temperature sender
- G3 - Coolant temperature gauge
- G69 - Throttle valve potentiometer
- J220 - Motronic control unit, in plenum chamber, right
- J271 - Motronic current supply relay
- J293 - Radiator fan control unit, in engine compartment, left
- K - Dash panel insert
- N79 - Heater element (crankcase breather)
- N80 - Activated charcoal filter system solenoid valve 1 (pulsed)
- T1e - Single connector, behind relay plate
- T2c - 2-pin connector, behind relay plate
- T8a - 8-pin connector, behind relay plate
- T8e - 8-pin connector
- T28 - 28-pin connector
- T42 - 42-pin connector, on engine
- T68 - 68-pin connector
- V50 - Coolant circulation pump
- 137 - Earth connection (end stage), in Motronic wiring harness
- 182 - Earth connection -1-, in engine compartment wiring harness 6-cylinder
- E7 - Positive (+) connection (87a), in Motronic wiring harness
- - Only models with automatic gearbox

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Current Flow Diagram

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- E86 - Multi-function display call-up button
- E109 - Multi-function display, memory switch
- F1 - Oil pressure switch *
- F22 - Oil pressure switch *
- G8 - Oil temperature sender
- G22 - Speedometer sender
- K - Dash panel insert
- T4b - 4-pin connector, behind steering column switch trim
- T28 - 28-pin connector
- T42 - 42-pin connector, on engine
- 15 - Earth point, on cylinder head
- 137 - Earth connection (end stage), in Motronic wiring harness
- 182 - Earth connection -1-, in engine compartment wiring harness 6-cylinder
- * - For switch values, Engine Workshop manual

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