

Audi > C4 > 1992 - 1998

2.8 Liter V6 2V Engine Mechanical, Engine Code(s): AAH, AFC

20 - Fuel Supply

Fuel Pump (FP), checking

WARNING!

Fire hazard! DO NOT smoke or work near heaters or have anything in area that can ignite fuel!

Checking power supply

- Fuse 17 OK
- Fuel filter in perfect condition
- Battery fully charged (at least 12 volts)
- Switch ignition on.
- Fuel pump must be heard to run. (A second person will be required for this if the surrounding noise level is too high).

If fuel pump does NOT run:

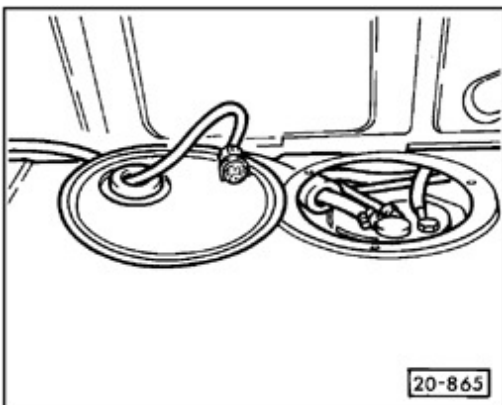
- Connect remote control VAG 1348/3A => Page [20-4](#), => Fig. [3](#)
- Operate remote control.

If fuel pump runs:

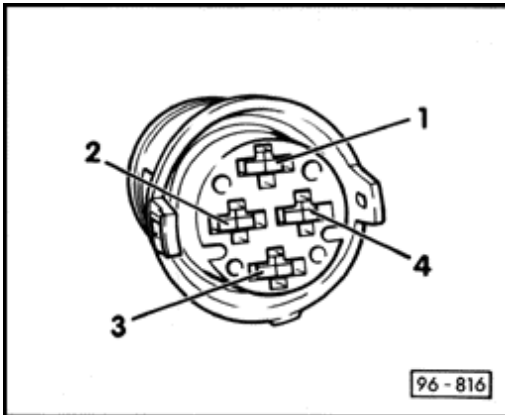
- Check Fuel Pump (FP) relay.

=> Repair Manual, 2.8 Liter V6 2V Fuel Injection & Ignition, Repair Group 01, for the applicable engine management system.

If fuel pump does NOT run:



- Remove cover for fuel pump module (under luggage compartment floor).
- Disconnect harness connector for fuel pump and fuel level sensor.
- Switch multimeter (Fluke 83 or equivalent) to volts range.



- Connect multimeter between connector terminal 1 (green/yellow wire) and terminal 4 (brown wire) using adapter cables from VW 1594 connector test kit.
- Operate remote control.

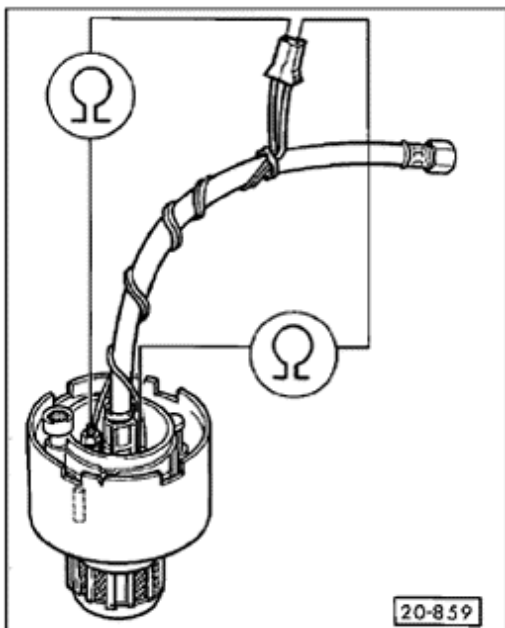
Specified value: approx. battery positive voltage (B+)

If specified value is NOT obtained:

- Find and eliminate break in wiring using wiring diagram.

If specified value is obtained:

- Remove fuel level sensor => Page [20-10](#).



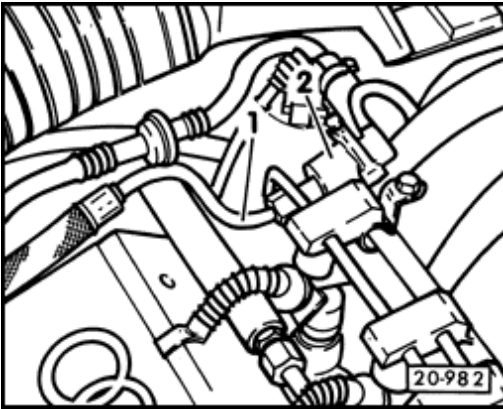
- Check wires from sensor connector to fuel pump for continuity using multimeter and jumper wires, and eliminate break in wiring, if necessary.

If wiring is OK:

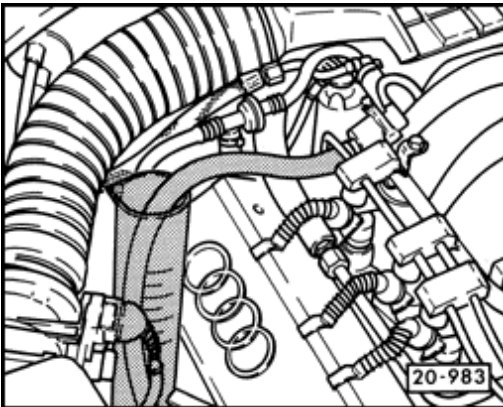
- Replace fuel pump => Page [20-12](#).

Fuel pump delivery, checking

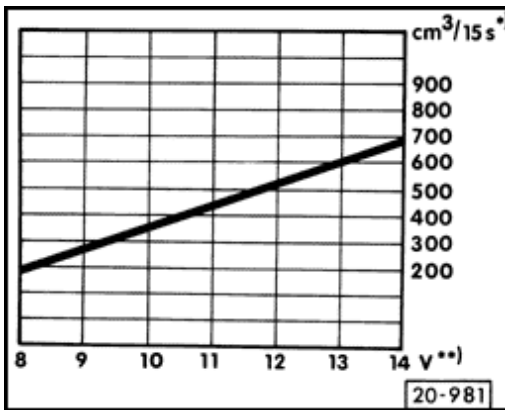
- Voltage supply OK
- Fuel filter in perfect condition
- Battery fully charged (at least 12 volts).
- Connect remote control VAG 1348/3A => Page [20-4](#), => Fig. [3](#)
- Remove fuel filler cap.



- Disconnect fuel return line -1- from fuel pressure regulator.



- Temporarily attach hose to return line connection on fuel pressure regulator (-2- above) and route other end of hose into measuring glass.
- Operate remote control for 15 seconds (hold down button).



- Compare quantity of fuel delivered with specified values for minimum fuel delivery rate in graph, according to actual voltage at fuel pump.

*) - Minimum fuel delivery rate-fuel volume in cm³ (ml) delivered in 15 seconds

***) - Voltage (V) at fuel pump with engine running at idle and fuel pump running-approx. 2 volts less than battery positive voltage (B+)