

07.3–130 Checking delivery of fuel pump

Test data

Voltage at fuel pump min.	11.5 Volts
Delivery min.	1 liter/40 seconds

Special tool

Clamp for fuel hose



000 589 40 37 00

Conventional tools

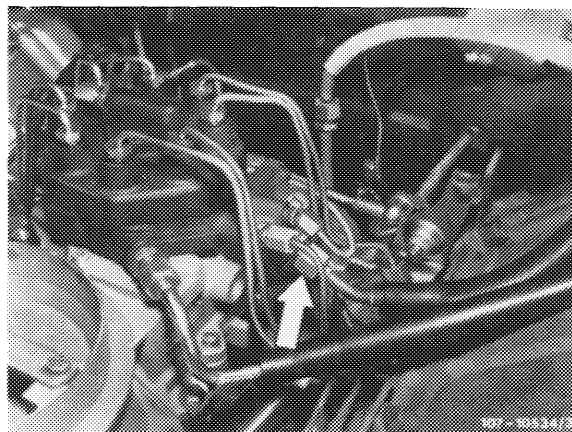
Voltmeter, measuring glass or measuring cup (min. 1 liter), stop watch

Self-made fuel hose

Fuel hose	500 mm long
Pipe with sealing cone	
Coupling nut	M 14 x 1.5

Checkup

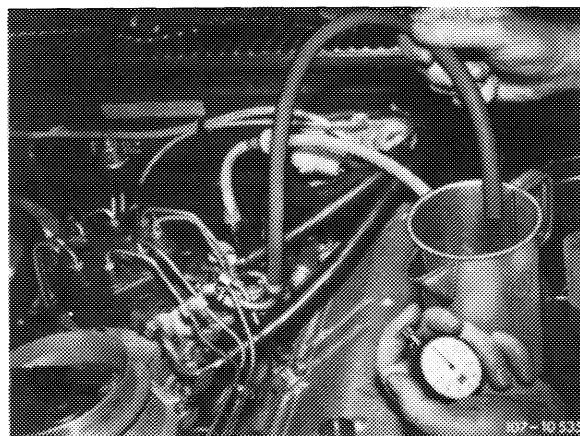
1 Unscrew fuel return hose (arrow) on fuel distributor.



2 Screw self-made fuel hose to fuel distributor and hold into measuring glass or measuring cup.

3 Switch-on ignition.

4 Pull cable plug from safety switch on mixture regulator and plug-in again after 30 seconds.



5 If the delivery volume is less than 1 liter/40 seconds, check up as follows:

- a) Check voltage on fuel pump.
Nominal value = min. 11.5 volts (with engine stopped).
- b) Check screen in inflow connection of fuel distributor for passage.
- c) Check fuel lines for squeeze marks.
- d) Pinch-off leak line between fuel storage reservoir and intake damper. Check delivery volume once again. If the specified volume is not attained, replace fuel storage reservoir.
- e) Replace fuel filter.

6 If the delivery volume is still too low, replace fuel pump.

7 Connect fuel return hose.