




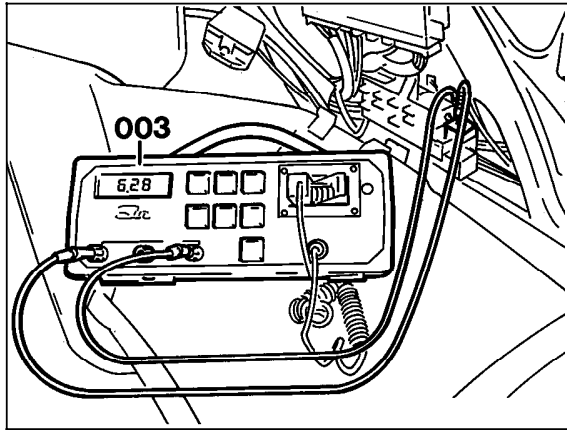
Hydraulic Test Program - Test (Fuel Pump Test)

Test step DTC	Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
⇒ 1.0	Fuel pumps Delivery capacity	<p style="text-align: center;">N3/1 </p> <p style="text-align: center;">66 —(→)— 76 (1.25) (1.35)</p>	<p>Models 124.034/036 Connect special tool fitting part no. 000 589 01 91 00 and fuel hose to diaphragm pressure regulator instead of fuel return line. Place other end of fuel hose in measuring glass.</p> <p>Model 129 and 140 Disconnect fuel return line at separation point. Hold fuel hose in measuring glass.</p> <p>Ignition: ON</p>	1 liter after maximum 35 seconds	Check fuel lines for restrictions (kinks and dents), Replace fuel filter, ⇒ 2.0 ⇒ 3.0

Hydraulic Test Program - Test (Fuel Pump Test)

Test step DTC	Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
⇒ 2.0	Fuel pumps Current draw	 Connect to sockets 1 and 3 (Figure 1)	Unplug FP relay module. Ignition: ON	4 – 8 A	Fuel pump 1 or 2, Note: If current draw is > 8 A, also replace FP relay module.
⇒ 3.0	Fuel pressure after fuel pump 1	 66 (1.25) — (←→) — 76 (1.35)	Unscrew cap on fuel pump 1 (M3m1), Connect adaptor (045) and pressure gauge (043). Ignition: ON Read fuel pressure. Disconnect pressure gauge (043) and adaptor (045) and check for leaks.	1 – 3 bar	Fuel pressure < 1 bar: Voltage at fuel pump 1 < 11 V, Replace fuel pump 1 (M3m1). Fuel pressure > 3 bar: Voltage at fuel pump 2 < 11 V, Replace fuel pump 2 (M3m2).

Hydraulic Test Program - Test (Fuel Pump Test)



P07-2644-13

Figure 1

003 Multimeter