




Hydraulic Test Program – Test (Fuel Pump Test)

Preparation for Test:

1. Review 11, 21, 22, 23, 24, 31, 33,
2. Review section O,
3. Connect socket box to engine control module (N3/10).



**When disconnecting the connectors on the engine control module remove center connector (D) first, when reconnecting connectors install center connector (D) last.**

⇒		Test scope	Test connection	Test condition	Nominal value	Possible cause/remedy <sup>1)</sup>
1.0		<b>Fuel pump</b> Delivery capacity	N3/10  3 (3A) ← → 21 (29C)	Disconnect fuel return hose from fuel line and place end in measuring glass. Ignition: <b>ON</b>	1 liter of fuel within 35 seconds.	Check fuel lines for restrictions (kinks and dents). Replace fuel filter or diaphragm pressure regulator, ⇒ 2.0
2.0		<b>Fuel pumps</b> Current draw		<b>Models 202/208/210:</b> Remove FP relay module (K27), connect multimeter on sockets 2 and 8. <b>Model 163:</b> Remove fuel pump relay (F1k3), connect multimeter on sockets 30 and 87. Ignition: <b>ON</b>	4 – 9 A	Fuel pump

<sup>1)</sup> Observe Preparation for Test, see 33.