


Hydraulic Test Program – Test (Fuel System Pressure and Internal Leakage Test)

⇒		Test scope	Test connection	Test condition	Nominal value	Possible cause/remedy
1.0		<b>Fuel pressure at idle (with vacuum)</b>	Pressure gauge connected to test connection.	Engine: <b>at Idle</b>	3.7 – 4.2 bar	⇒ 1.0, ⇒ 2.0, Diaphragm pressure regulator.
2.0		<b>Fuel system internal leakage test</b>	Pressure gauge connected to test connection.	Engine: <b>OFF</b>  After 30 minutes	> 3.0 bar  > 2.5 bar	If the pressure drops quickly: Replace check valve in fuel pumps.  If the pressure drops slowly: check injectors 36, ⇒ 1.0, ⇒ 2.0, Replace diaphragm pressure.