

 

Component Inspection

1.CHECK HIGH PRESSURE FUEL PUMP-1

1. Turn ignition switch OFF.
2. Disconnect high pressure fuel pump harness connector.
3. Check the resistance between high pressure fuel pump terminals as follows.

High pressure fuel pump	Condition		Resistance
Terminal	+	-	
1	2	Temperature °C (°F)	20 – 30 (68 – 86) 0.46 - 0.51 Ω

Q.Is the inspection result normal?

Yes



No

Replace high pressure fuel pump. Refer to [Removal and Installation](#)

2.CHECK HIGH PRESSURE FUEL PUMP-2

 WITH M.U.T.-III SE

1. Reconnect high pressure fuel pump harness connector.
2. Start the engine.
3. Check "FUEL PRES SEN" in "DATA MONITOR" of "ENGINE" with M.U.T.-III SE.

Data monitor item	Condition	Voltage (Approx.)
FUEL PRES SEN V	Engine speed: idle	0.820 - 1.160 V
	Engine speed: Revving engine from idle to 4,000 rpm	0.820 – 2.900 V

WITHOUT M.U.T.-III SE

1. Start the engine.
2. Check fuel rail pressure sensor signal voltage.

+		Ground	Condition	Voltage (Approx.)
Connector	Terminal			
			Engine speed: idle	1 V
F79	2	Ground	Engine speed: Revving engine from idle to 4,000 rpm	1.1 V

Q. Is the inspection result normal?

Yes

INSPECTION END

No

Replace high pressure fuel pump. Refer to [Removal and Installation](#) 