

FUEL PRESSURE SENSOR INSPECTION[L3 Turbo]

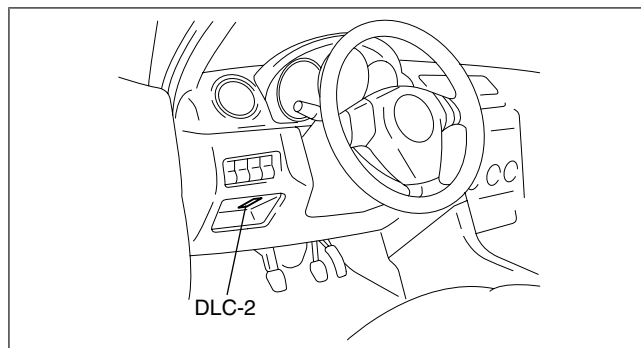
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Note

- Before performing the following inspection, make sure to follow the procedure as indicated in the troubleshooting flowchart. (See HOW TO USE THIS MANUAL.)

1. Connect the M-MDS to the DLC-2.
2. Turn the ignition switch to the ON position (Engine off).
3. Select the FUEL_PRES PID on the M-MDS.
4. After warming up the engine, verify that the FUEL_PRES PID is at the standard value under the following conditions.
 - If not as verified, replace the fuel delivery pipe.

Step	Condition	FUEL_PRES PID
1	<ul style="list-style-type: none">• Idle• 90 s after engine is started	Approx. 3 MPa
2	<ul style="list-style-type: none">• Idle• Spill valve solenoid valve connector is disconnected	Approx. 530 kPa

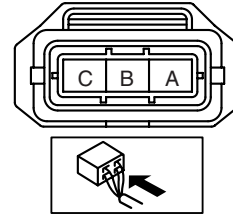


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5. After connecting the spill valve control solenoid valve connector, clear the DTC.

Circuit Open/Short Inspection

FUEL PRESSURE SENSOR
WIRING HARNESS SIDE CONNECTOR

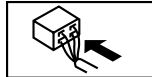


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PCM
WIRING HARNESS-SIDE CONNECTOR

2BE	2BA	2AW	2AS	2AO	2AK	2AG	2AC	2Y	2U	2Q	2M	2I	2E	2A
2BF	2BB	2AX	2AT	2AP	2AL	2AH	2AD	2Z	2V	2R	2N	2J	2F	2B
2BG	2BC	2AY	2AU	2AQ	2AM	2AI	2AE	2AA	2W	2S	2O	2K	2G	2C
2BH	2BD	2AZ	2AV	2AR	2AN	2AJ	2AF	2AB	2X	2T	2P	2L	2H	2D

1BE	1BA	1AW	1AS	1AO	1AK	1AG	1AC	1Y	1U	1Q	1M	1I	1E	1A
1BF	1BB	1AX	1AT	1AP	1AL	1AH	1AD	1Z	1V	1R	1N	1J	1F	1B
1BG	1BC	1AY	1AU	1AQ	1AM	1AI	1AE	1AA	1W	1S	1O	1K	1G	1C
1BH	1BD	1AZ	1AV	1AR	1AN	1AJ	1AF	1AB	1X	1T	1P	1L	1H	1D



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1. Disconnect the PCM connector. (See PCM REMOVAL/INSTALLATION[L3 Turbo].)
2. Inspect the following wiring harnesses for an open or short circuit. (Continuity check)

Open circuit

- If there is no continuity, there is an open circuit. Repair or replace the wiring harness.
 - Fuel pressure sensor terminal A and PCM terminal 2P
 - Fuel pressure sensor terminal B and PCM terminal 2R
 - Fuel pressure sensor terminal C and PCM terminal 2I

Short circuit

- If there is continuity, there is a short circuit. Repair or replace the wiring harness.
 - Fuel pressure sensor terminal A and power supply.
 - Fuel pressure sensor terminal B and power supply.
 - Fuel pressure sensor terminal B and body ground.
 - Fuel pressure sensor terminal C and body ground