

FUEL INJECTOR INSPECTION[L3 Turbo]

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Operation Test

1. Carry out the "Fuel Injector Operation Inspection". (SeeENGINE CONTROL SYSTEM OPERATION INSPECTION[L3 Turbo].)
 - If not as specified, perform the further inspection for the fuel injectors.

Resistance Inspection

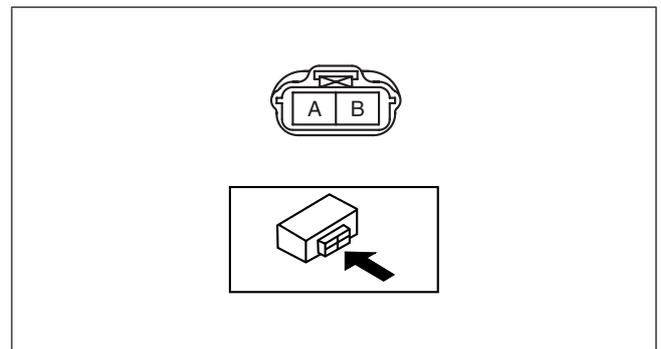
Note

- Perform the following procedure only when directed.

1. Turn the ignition switch to the LOCK position.
2. Remove the battery cover. (SeeBATTERY REMOVAL/INSTALLATION[L3 Turbo].)
3. Disconnect the negative battery cable.
4. Remove the fuel delivery pipe. (See FUEL INJECTOR REMOVAL/INSTALLATION[L3 Turbo].)
5. Disconnect the fuel injector connectors.
6. Measure the resistance of the fuel injector using a tester.
 - If not as specified, replace the fuel injector. (SeeFUEL INJECTOR REMOVAL/INSTALLATION[L3 Turbo].)
 - If as specified but "Operation Test" is failed, carry out the "Circuit Open/Short Inspection". Inspect for open or short circuit.

Fuel injector resistance

1.0—1.2 ohms [20 °C {68 °F}]

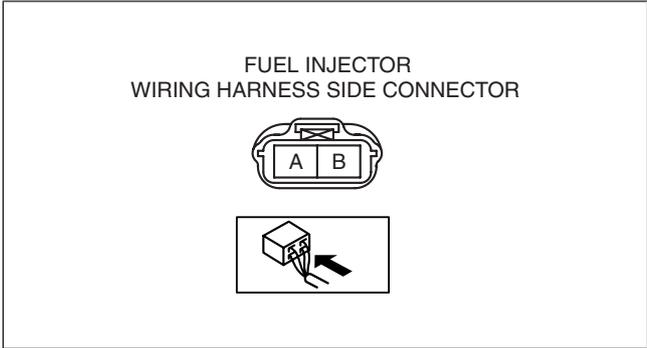


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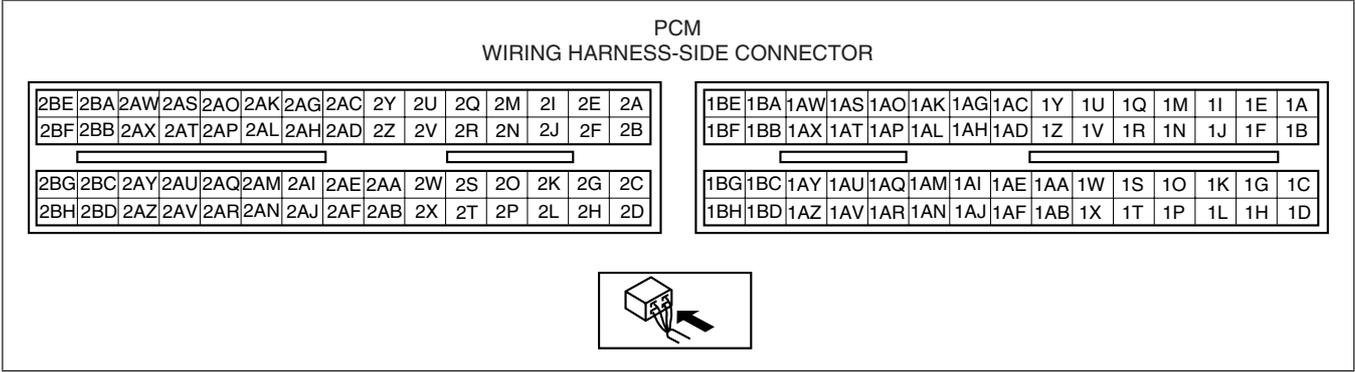
Circuit Open/Short Inspection

1. Disconnect the PCM connector. (SeePCM REMOVAL/INSTALLATION[L3 Turbo].)

2. Inspect the following wiring harnesses for an open or short circuit (continuity check).



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Open circuit

- If there is no continuity, there is an open circuit. Repair or replace the wiring harness.
 - No.1 cylinder fuel injector terminal A and PCM terminal 2BB
 - No.2 cylinder fuel injector terminal A and PCM terminal 2BC
 - No.3 cylinder fuel injector terminal A and PCM terminal 2BD
 - No.4 cylinder fuel injector terminal A and PCM terminal 2AZ
 - No.1 cylinder fuel injector terminal B and PCM terminal 2BG
 - No.2 cylinder fuel injector terminal B and PCM terminal 2BH
 - No.3 cylinder fuel injector terminal B and PCM terminal 2BH
 - No.4 cylinder fuel injector terminal B and PCM terminal 2BG

Short circuit

- If there is continuity, there is a short circuit. Repair or replace the wiring harness.
 - No.1 cylinder fuel injector terminal A and power supply
 - No.1 cylinder fuel injector terminal A and body ground
 - No.2 cylinder fuel injector terminal A and power supply
 - No.2 cylinder fuel injector terminal A and body ground
 - No.3 cylinder fuel injector terminal A and power supply
 - No.3 cylinder fuel injector terminal A and body ground
 - No.4 cylinder fuel injector terminal A and power supply
 - No.4 cylinder fuel injector terminal A and body ground
 - No.1 cylinder fuel injector terminal B and power supply
 - No.1 cylinder fuel injector terminal B and body ground
 - No.2 cylinder fuel injector terminal B and power supply
 - No.2 cylinder fuel injector terminal B and body ground
 - No.3 cylinder fuel injector terminal B and power supply
 - No.3 cylinder fuel injector terminal B and body ground
 - No.4 cylinder fuel injector terminal B and power supply
 - No.4 cylinder fuel injector terminal B and body ground