

THROTTLE POSITION (TP) SENSOR INSPECTION[L3 Turbo]

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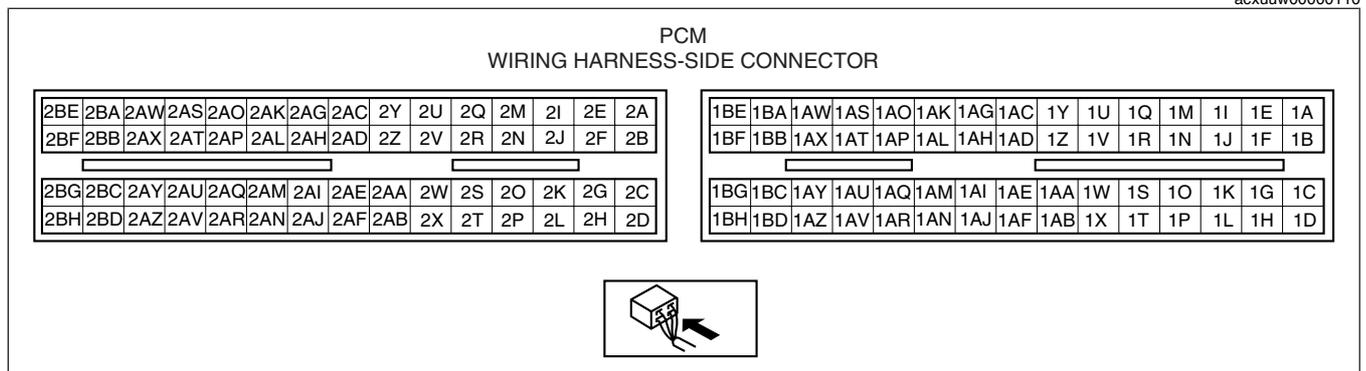
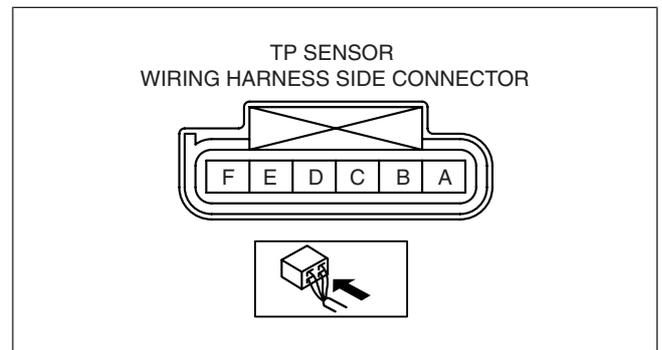
Note

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

Voltage inspection

1. Turn the ignition switch to the ON position.
2. Verify that the TP sensor output voltage (M-MDS PID: TP1, TP2) is within the specification. (See PCM INSPECTION[L3 Turbo].)
 - If not within the specification, replace the throttle body. (See INTAKE AIR SYSTEM REMOVAL/INSTALLATION[L3 Turbo].)
 - If the monitor item condition/specification (reference) is not within the specification, even though there is no malfunction, perform the "Circuit Open/Short Inspection".

Circuit Open/Short Inspection



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.
 - Throttle body terminal A and PCM terminal 2AK
 - Throttle body terminal B and PCM terminal 2AO
 - Throttle body terminal C and PCM terminal 2AL
 - Throttle body terminal D and PCM terminal 2AP

Short circuit

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