

CAMSHAFT POSITION (CMP) SENSOR INSPECTION [LF]

B3E014018200W03

Note

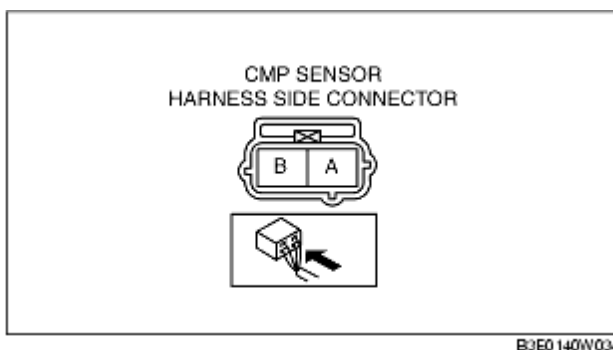
- Before performing the following inspection, make sure to follow the procedure as indicated in the troubleshooting flowchart. (See [Troubleshooting Procedure](#).)

Resistance Inspection

1. Disconnect the CMP sensor connector.
2. Measure the resistance between CMP sensor connector terminals A and B.
 - If not within the specification, replace the CMP sensor.
 - If the monitor item status/specification (reference) is not within the specification, even though the resistance is within the specification, perform the "Circuit Open/Short Inspection", and repair or replace the malfunctioning part.

Resistance
400-550 ohms

Circuit Open/Short Inspection



1. Disconnect the PCM connector. (See [PCM REMOVAL/INSTALLATION \[LF\]](#).)
2. Inspect the following wiring harnesses for open or short. (Continuity check)

Open circuit

- If there is no continuity, the circuit is open. Repair or replace the harness.
 - CMP sensor terminal A and PCM terminal 2V
 - CMP sensor terminal B and PCM terminal 2U

Short circuit

- If there is continuity, the circuit is shorted. Repair or replace the harness.
 - CMP sensor terminal A and power supply
 - CMP sensor terminal A and body GND
 - CMP sensor terminal B and power supply
 - CMP sensor terminal B and body GND