

# CRANKSHAFT POSITION (CKP) SENSOR INSPECTION [LF]

B3E014018230W01

## Note

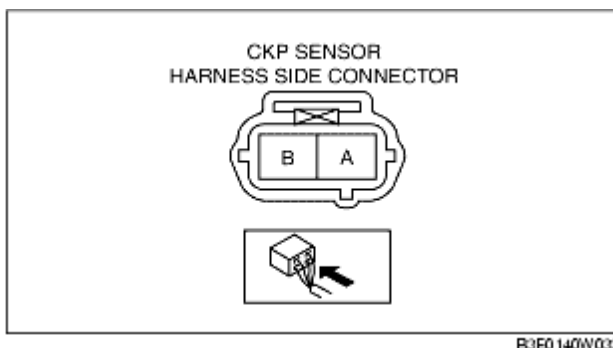
- Before performing the following inspection, make sure to follow the procedure as indicated in the troubleshooting flowchart.

## Resistance Inspection

1. Disconnect the CKP sensor connector.
2. Measure the resistance between CKP sensor connector terminals A and B.
  - If not within the specification, replace the CKP 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.
  - CKP sensor terminal A and PCM terminal 2Y
  - CKP sensor terminal B and PCM terminal 2Z

### Short circuit

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