

KNOCK SENSOR (KS) INSPECTION [ZJ, Z6]

B3E014018920W04

Note

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

1. Disconnect the KS connector.

2. Measure the resistance between KS terminal A and body GND.

- If not within the specification, replace the KS. (See [KNOCK SENSOR \(KS\) REMOVAL/INSTALLATION \[ZJ, Z6\]](#).)
- If the monitor item condition/specification (reference) is not within the specification, even though there is no malfunction, perform the "Circuit Open/Short Inspection".

KS resistance

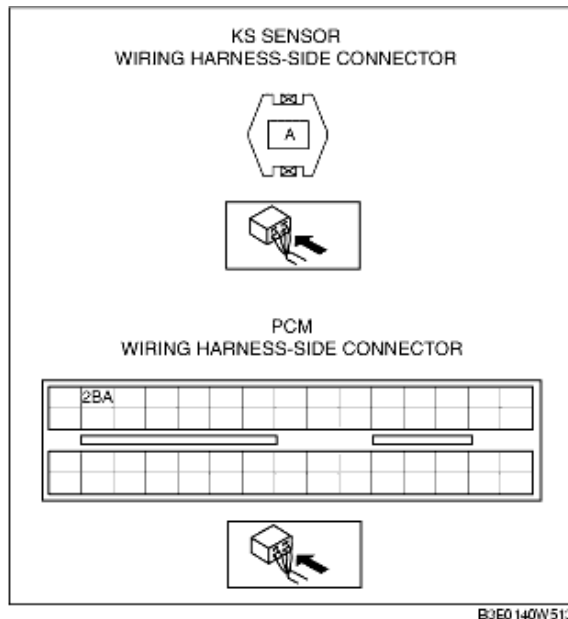
532-588 kilohms [20 °C {68 °F}]

Circuit Open/Short Inspection

1. Remove the PCM connector cover.

2. Disconnect the PCM connector. (See [INTAKE-AIR SYSTEM REMOVAL/INSTALLATION \[ZJ, Z6\]](#).)

3. Inspect the following wiring harness for open or short circuit (continuity check).



Open circuit

- If there is no continuity, there is an open circuit. Repair or replace the wiring harness.
- Knock sensor terminal A and PCM terminal 2BA

Short circuit

- If there is continuity, there is a short circuit. Repair or replace the wiring harness.
- Knock sensor terminal A and body GND
- Knock sensor terminal A and power supply