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# ECCENTRIC SHAFT POSITION SENSOR INSPECTION

BHE014018221W01

## Note

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

## Visual Inspection

1. Remove the eccentric shaft position sensor.
2. Verify that there are no metal shavings on the sensor.
  - If the monitor item condition (reference) is not within the specification even though there is no malfunction, perform the "Circuit Open/Short Inspection".

## Resistance Inspection

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

**Eccentric shaft position sensor resistance**  
**950-1,250 ohms (at room temperature)**

## Circuit Open/Short Inspection

1. Disconnect the PCM connector.
2. Disconnect the eccentric shaft position sensor connector.
3. Inspect the following wiring harnesses for open or short circuit.