

FRONT ABS WHEEL-SPEED SENSOR INSPECTION

B3E041343720W02

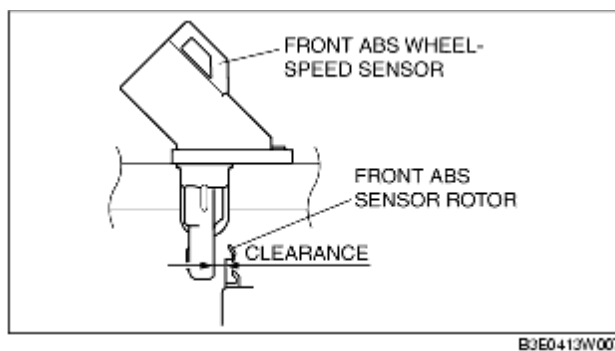
Installation Visual Inspection

1. Inspect for the following:

- If there is any malfunction, replace the part.
 - (1) Excessive play of the ABS wheel-speed sensor
 - (2) Deformation of the ABS wheel-speed sensor
 - (3) Deformation or damage of the ABS sensor rotor

Clearance Inspection

1. Inspect the clearance between the front ABS wheel-speed sensor and the ABS sensor rotor.



- If there is any malfunction, verify improper installation and replace if necessary.

Clearance
2.1 mm {0.082 in} or less

Sensor Output Value Inspection

Caution

- Resistance inspection using other testers may cause damage to the ABS wheel-speed sensor internal circuit. Be sure to use the WDS or equivalent to inspect the ABS wheel-speed sensor.

1. Turn the ignition switch off.
2. Connect the WDS or equivalent to the DLC-2.

3. Select the following PIDs using the WDS or equivalent:

- LF_WSPD
(LF wheel-speed sensor)
- RF_WSPD
(RF wheel-speed sensor)

4. Start the engine and drive the vehicle.

5. Verify that the display of the WDS or equivalent shows the same value as the speedometer.

- If there is any malfunction, replace the front ABS wheel-speed sensor.