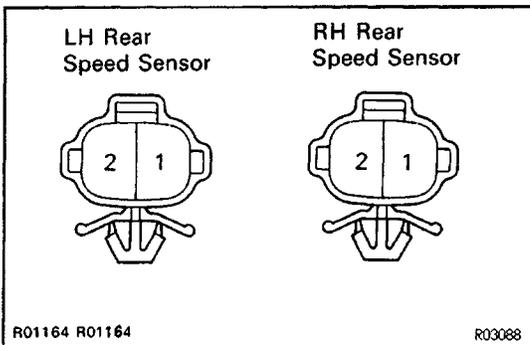
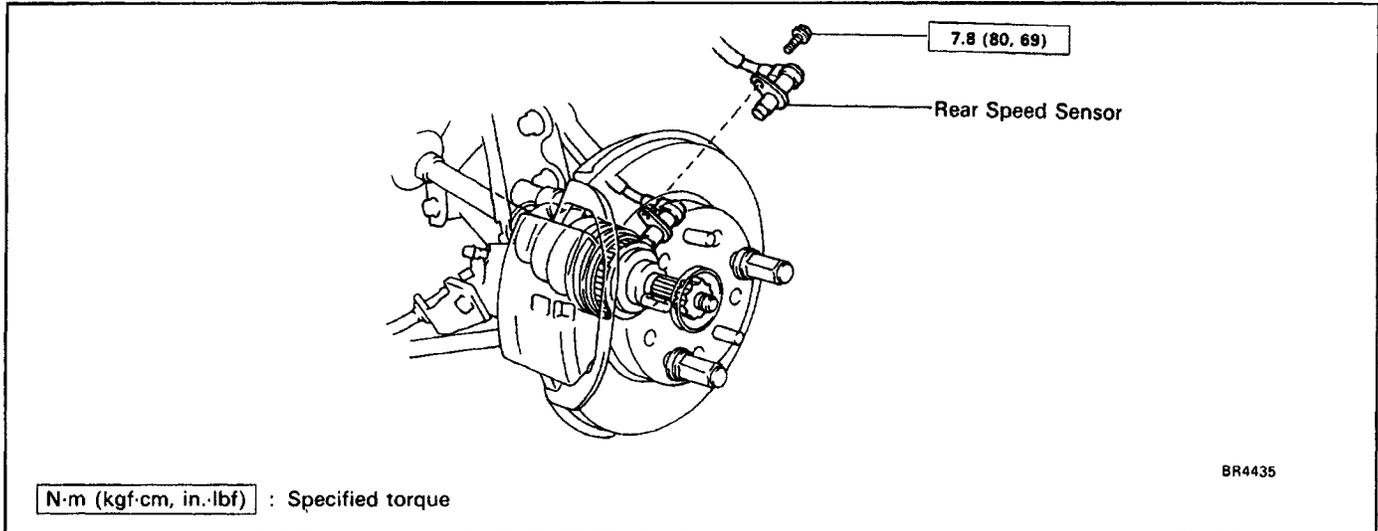


REAR SPEED SENSOR COMPONENTS

BR07M-01



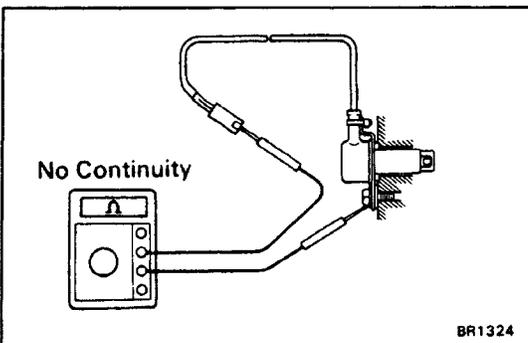
REAR SPEED SENSOR INSPECTION

1. INSPECT SPEED SENSOR

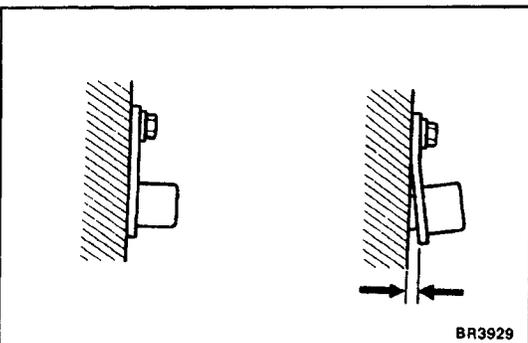
- Disconnect the speed sensor connector.
- Measure the resistance between terminals.

Resistance: 0.9–1.5 k Ω

If resistance value is not as specified, replace the sensor.



- Check that there is no continuity between each terminal and sensor body.
If there is continuity, replace the sensor.
- Connect the speed sensor connector.

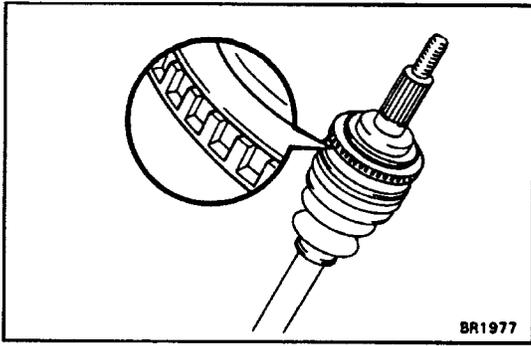


2. INSPECT SENSOR INSTALLATION

- Check that the sensor installation bolt is tightened properly. If not, tighten the bolt.

Torque: 7.8 N-m (80 kgf-cm, 69 in.-lbf)

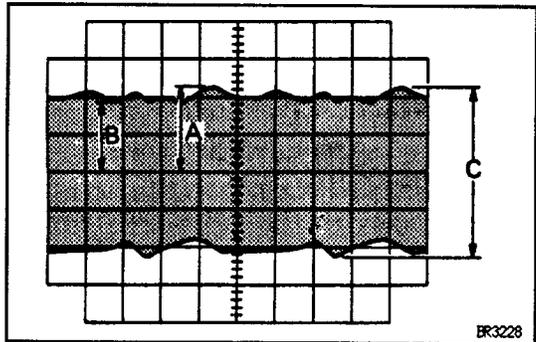
- Check that there is no clearance between the sensor and rear axle carrier as shown.
If there is clearance, replace the sensor.



3. VISUALLY INSPECT SENSOR ROTOR SERRATIONS

- (a) Remove the drive shaft.
(See page SA-55)
- (b) Inspect the sensor rotor serrations for scratches, cranks, warping or missing teeth.
- (c) Install the drive shaft.
(See page SA-71)

NOTICE: To prevent damage to the serrations, do not strike the drive shaft.



REAR SPEED SENSOR AND SENSOR ROTOR SERRATIONS INSPECTION (REFERENCE)

INSPECT REAR SPEED SENSOR AND SENSOR ROTOR SERRATIONS BY USING AN OSCILLOSCOPE

- (a) Connect an oscilloscope to the speed sensor connector.
- (b) Run the vehicle at 20 km/h (12.4 mph), and inspect speed sensor output wave.
- (c) Check that C is 0.5 V or more.
If not as specified, replace the speed sensor.
- (d) Check that B is 5096 or more of A.
If not as specified, replace the rear axle hub.