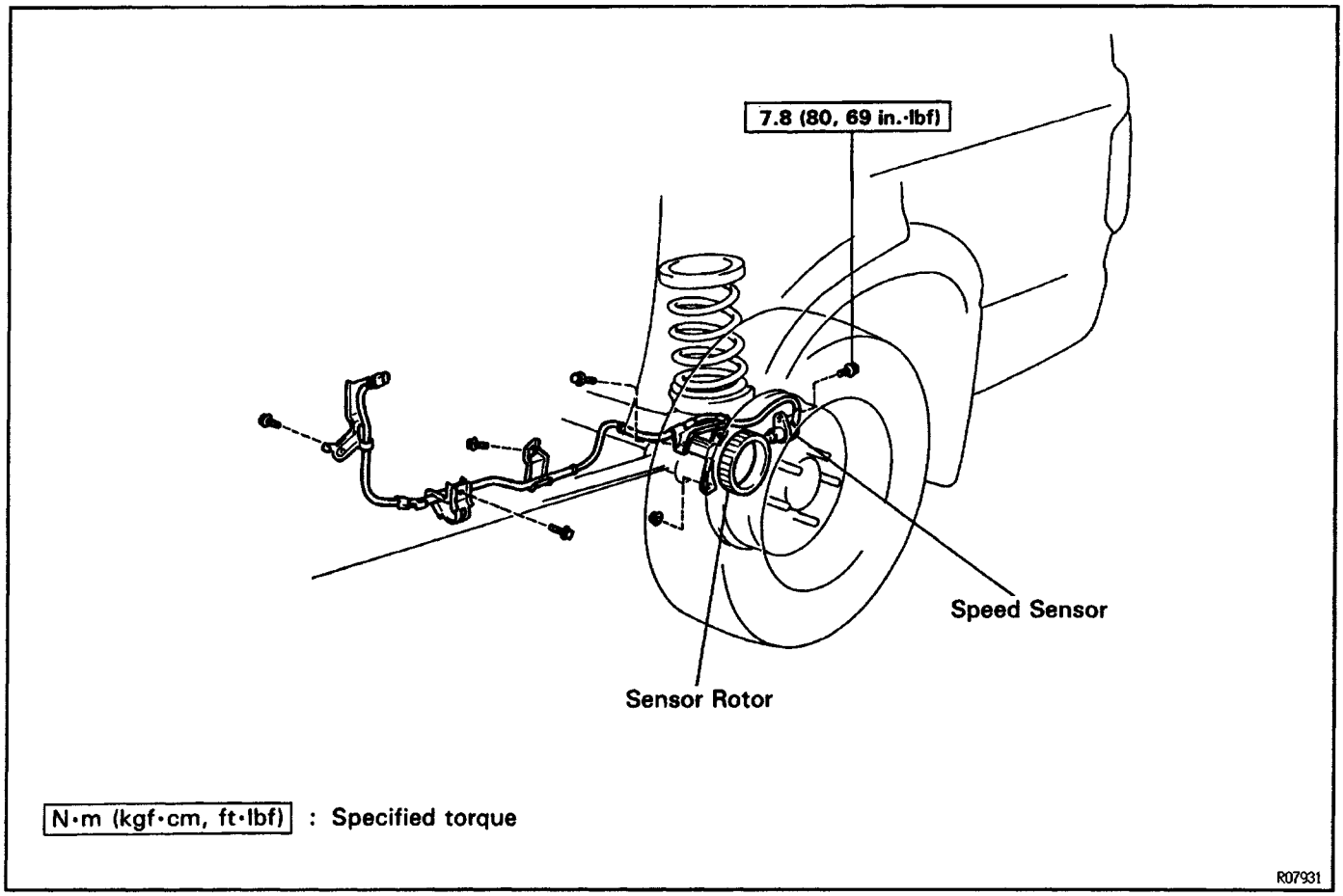
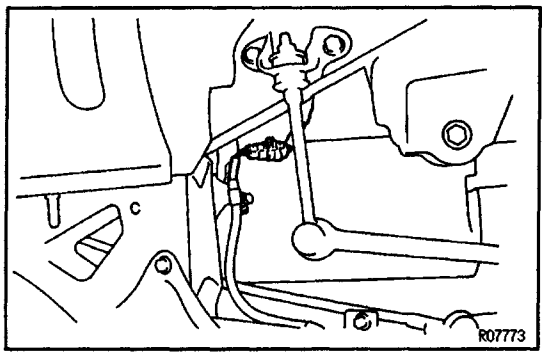
# REAR SPEED SENSOR

## COMPONENTS

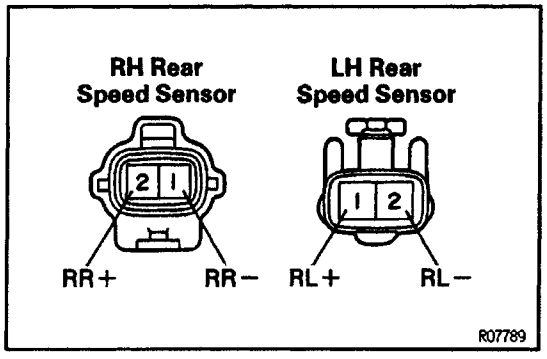



## REAR SPEED SENSOR INSPECTION

**1. INSPECT SPEED SENSOR**

(a) Disconnect the speed sensor connector.

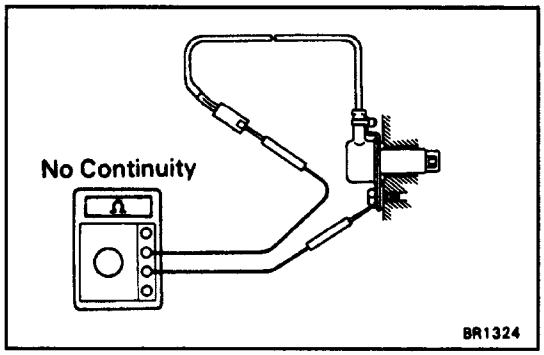



(b) Measure the resistance between terminals.

**Resistance:**

**0.89 – 1.29 kΩ**

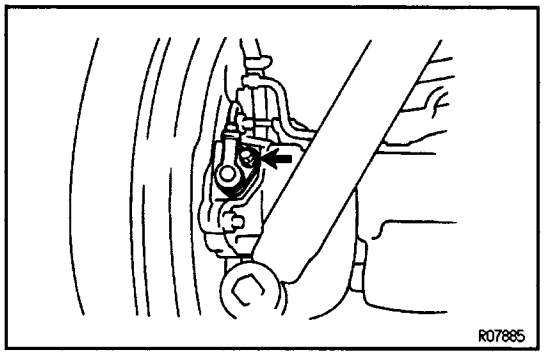
If resistance value is not as specified, replace the sensor.




(c) Check that there is no continuity between each terminal and sensor body.

If there is continuity, replace the sensor.

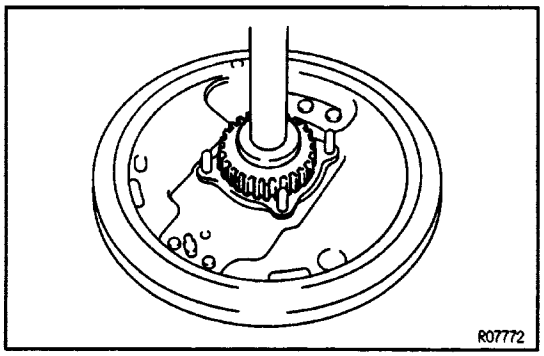
(d) Connect the speed sensor connector.




**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)**




**3. VISUALLY INSPECT SENSOR ROTOR SERRATIONS**

(a) Remove the rear axle shaft.
(See page SA–128)

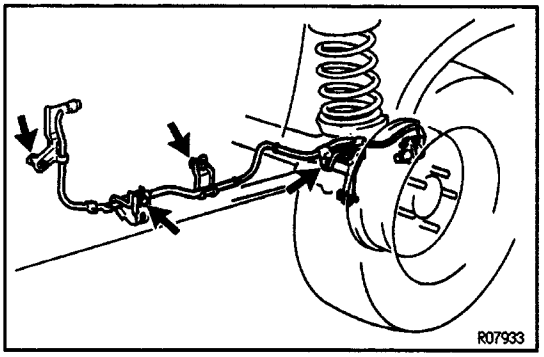
(b) Inspect the sensor rotor serrations for scratches, cracks, warping or missing teeth.

(c) Install the rear axle shaft.
(See page SA–132)

**NOTICE: To prevent damage to the serrations, do not strike the axle hub.**

**4. CHECK SPEED SENSOR SIGNAL**

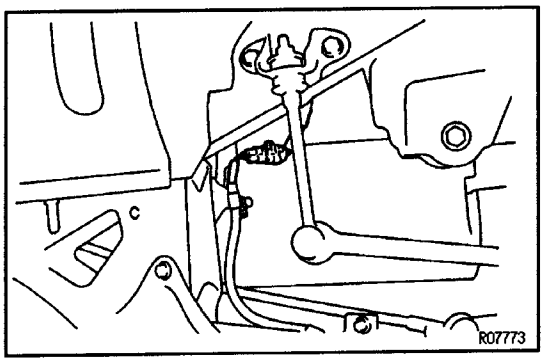
**(See page BR–86)**



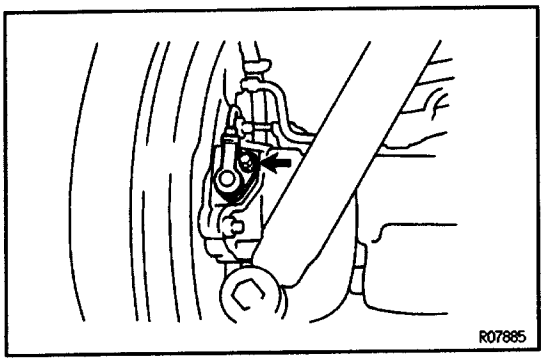

# REAR SPEED SENSOR REMOVAL

**1. DISCONNECT SPEED SENSOR CONNECTOR**

(a) Remove the 4 clamp bolts holding the sensor wire harness from the body, lower control arm and axle carrier.



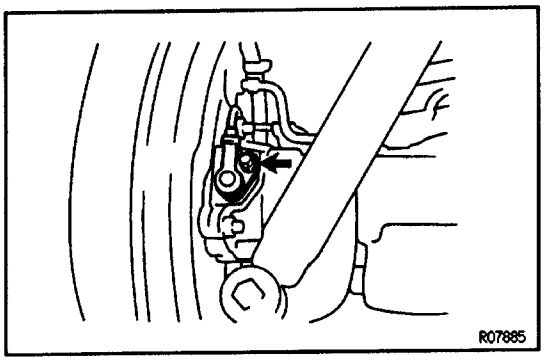

(b) Disconnect the speed sensor connector.




**2. REMOVE SPEED SENSOR**

Remove the speed sensor from the axle carrier.

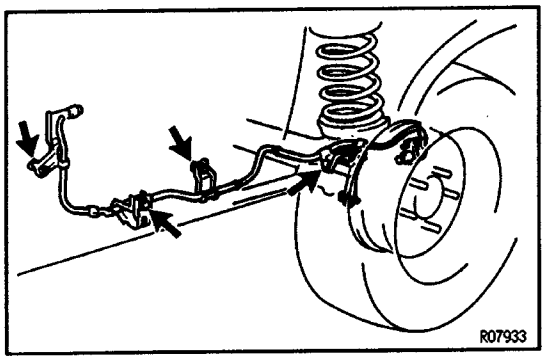
## REAR SPEED SENSOR INSTALLATION




**1. INSTALL SPEED SENSOR**

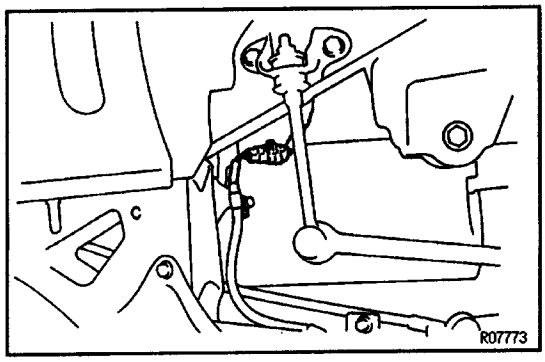
Install the speed sensor to the axis carrier.

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




**2. INSTALL SPEED SENSOR CONNECTOR**

(a) install the speed sensor harness with clamps and bolts.




(b) Install the sensor harness with the clamps and bolts in place.

(b) Connect the speed sensor connector.

**3. CHECK SPEED SENSOR SIGNAL**

**(See page** BR–86**)**