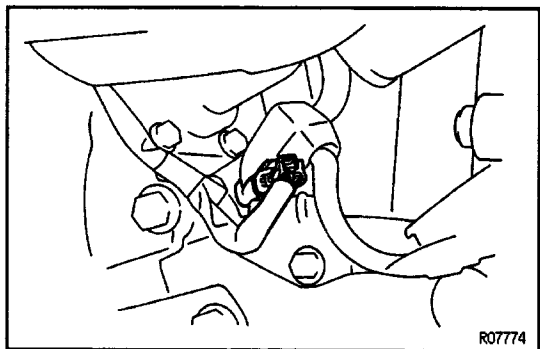
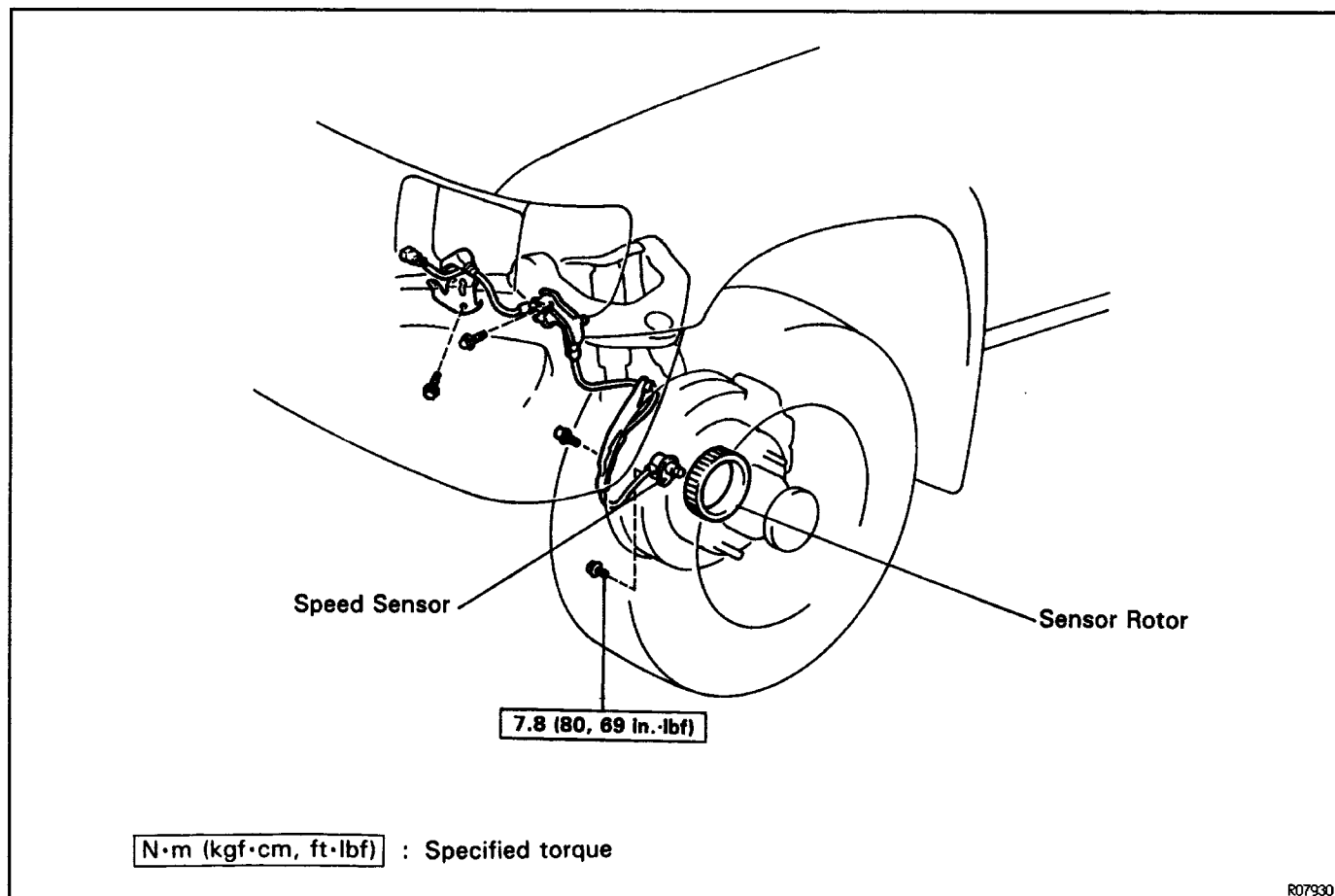


FRONT SPEED SENSOR COMPONENTS



FRONT SPEED SENSOR INSPECTION

1. INSPECT SPEED SENSOR

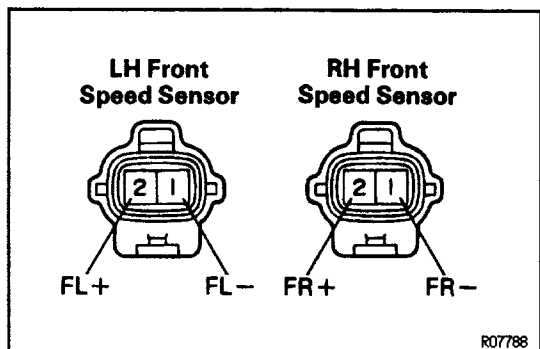
(a) Disconnect the speed sensor connector.

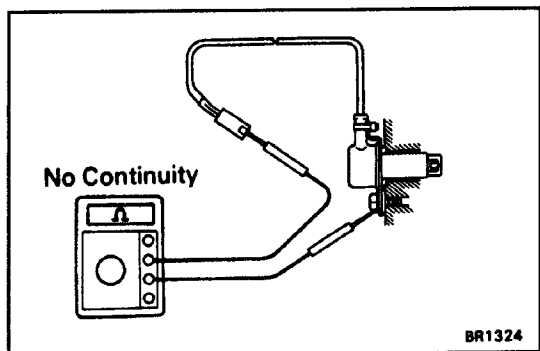
(b) Measure the resistance between terminals.

Resistance:

0.92–1.22 kΩ

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

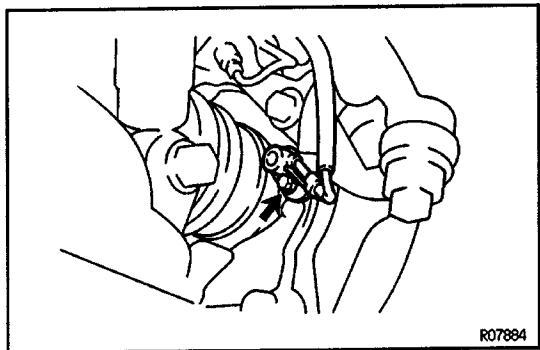




(c) Check that there is no continuity between each terminal and sensor body.

If there is continuity, replace the sensor.

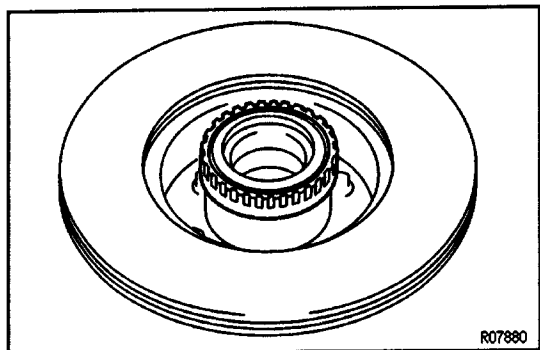
(d) Connect the speed sensor connector.



2. INSPECT SENSOR INSTALLATION

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

Torque: 7.8N-m (80 kgf-cm, 189 in.-lbf)



3. VISUALLY INSPECT SENSOR ROTOR SERRATIONS

(a) Remove the axle hub with disc.

(See page [SA-13](#))

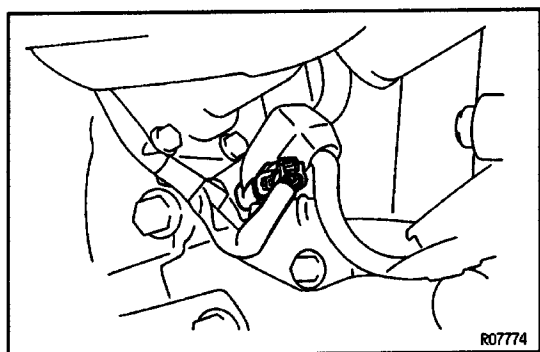
(b) Inspect the sensor rotor serrations for scratches, cracks, warping or missing teeth.

(c) Install the axle hub with disc.

(See page [SA-16](#))

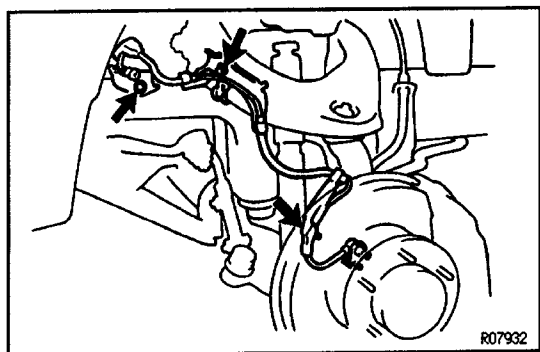
4. CHECK SPEED SENSOR SIGNAL

(See page [BR-86](#))



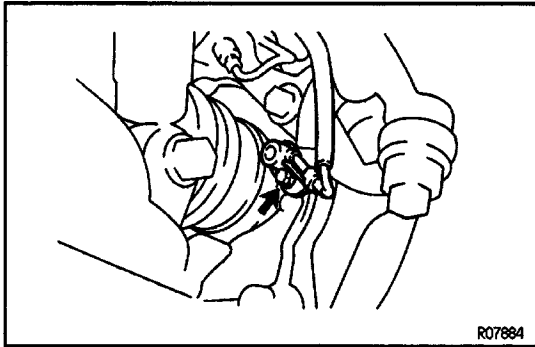
FRONT SPEED SENSOR REMOVAL

1. DISCONNECT SPEED SENSOR CONNECTOR

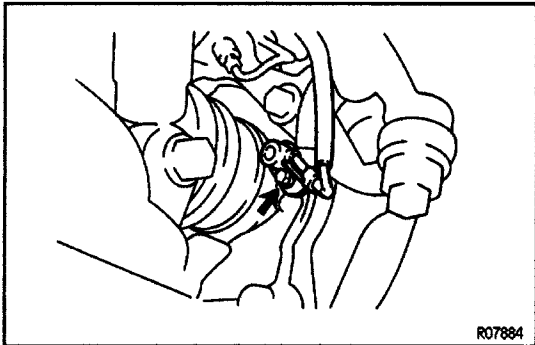


2. REMOVE SPEED SENSOR

(a) Remove the 3 clamp bolts holding the sensor harness from the frame, upper suspension arm and steering knuckle.



(c) Remove the speed sensor from the steering knuckle.

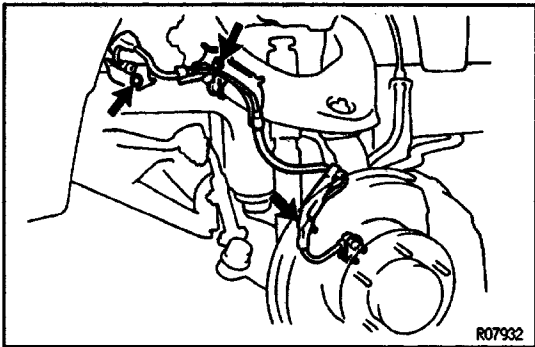


FRONT SPEED SENSOR INSTALLATION

1. INSTALL SPEED SENSOR

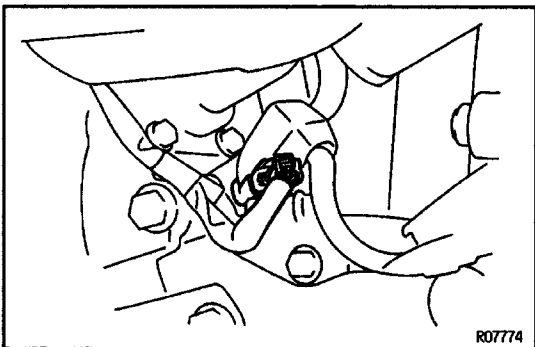
(a) Install the speed sensor to the steering knuckle.

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



2. INSTALL SPEED SENSOR CONNECTOR

(a) Install the sensor harness with clamps and bolts.



(b) Connect the speed sensor connector.

3. CHECK SPEED SENSOR SIGNAL

(See page [BR-86](#))