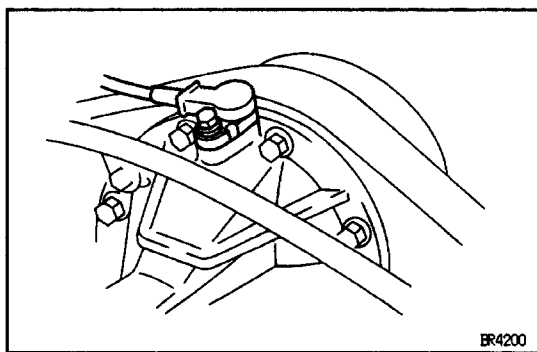
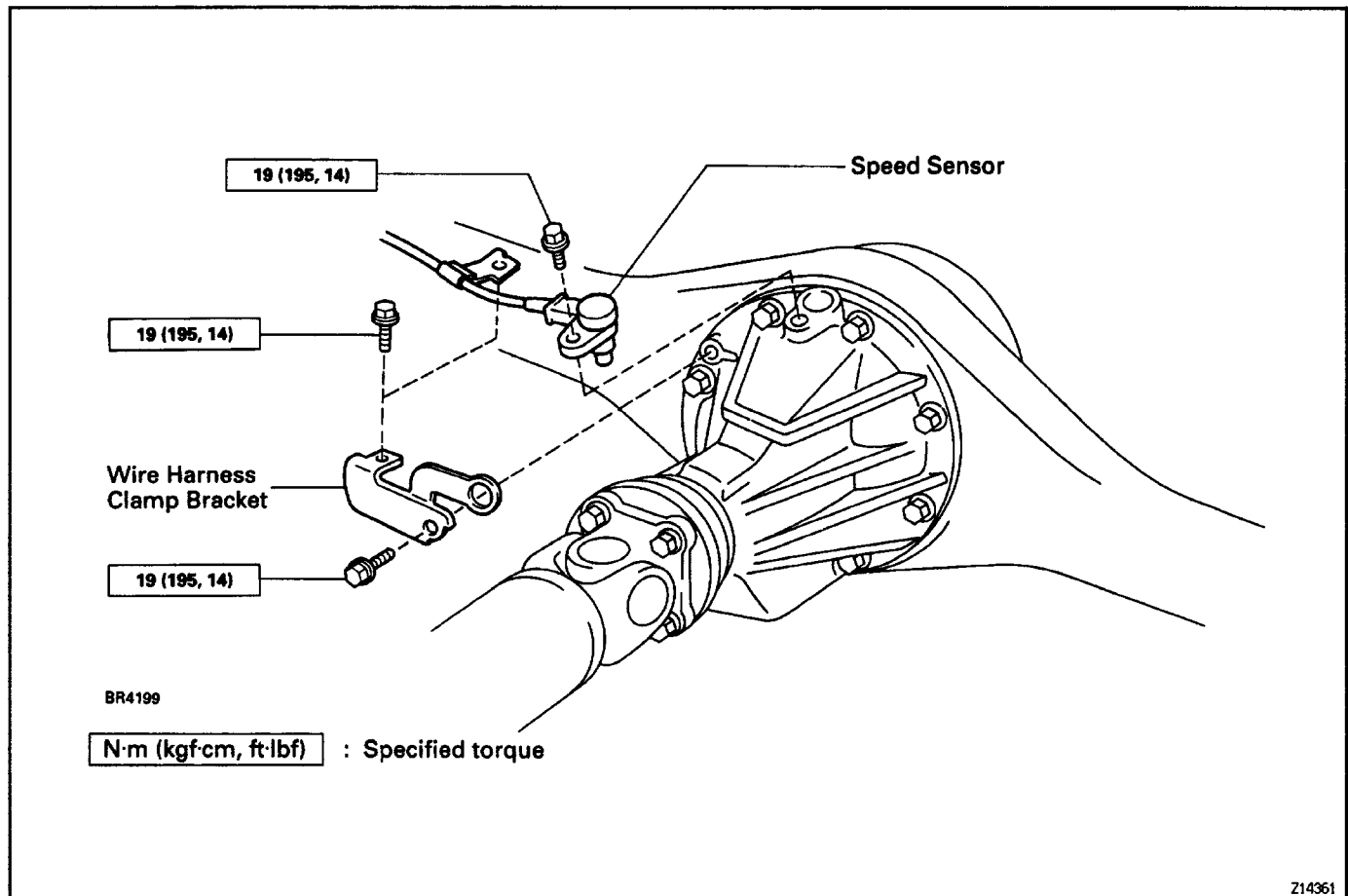


SPEED SENSOR COMPONENTS



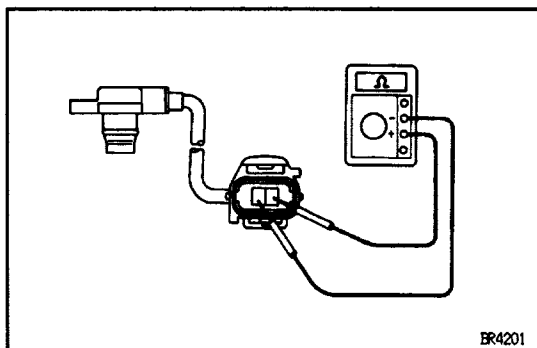
SPEED SENSOR INSPECTION

1. INSPECT SENSOR INSTALLATION

Check that the sensor installation bolt is tightened properly.

If not, tighten the bolt.

Torque: 19 N·m (195 kgf·cm, 14 ft·lbf)



2. INSPECT SPEED SENSOR

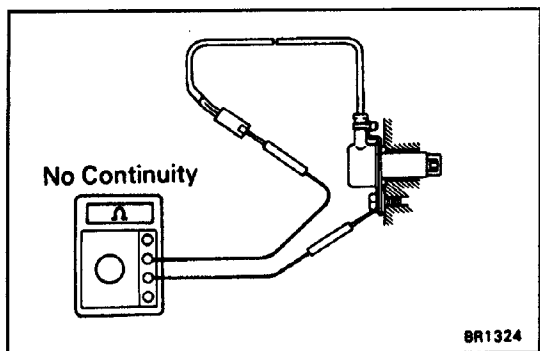
(a) Disconnect the speed sensor connector.

(b) Measure the resistance between terminals.

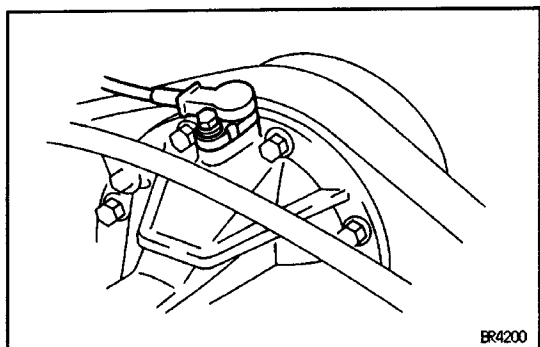
Resistance:

580–700Ω

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

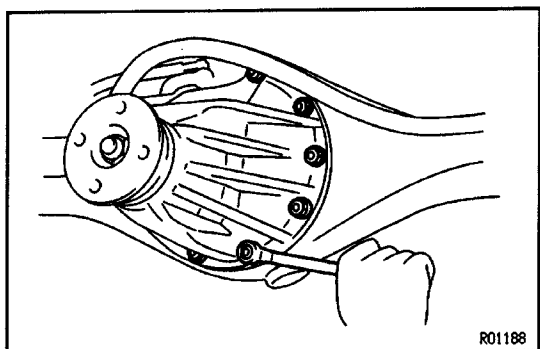


- (c) Check that there is no continuity between each terminal and sensor body.
If there is continuity, replace the sensor.
- (d) Connect the speed sensor connector.



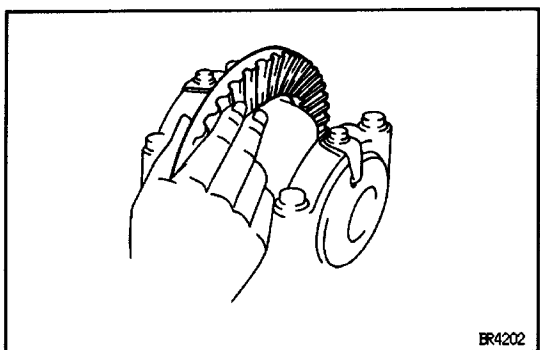
3. VISUALLY INSPECT SENSOR ROTOR SERRATIONS

- (a) Disconnect the speed sensor wire harness clamp bolt.
- (b) Remove the speed sensor installation bolt and pull out the speed sensor.

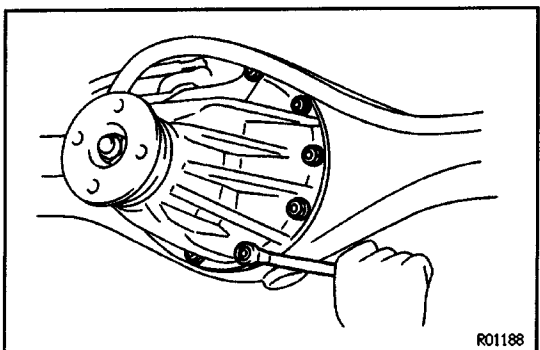


- (c) Remove the differential carrier assembly.
(See page [SA-141](#))

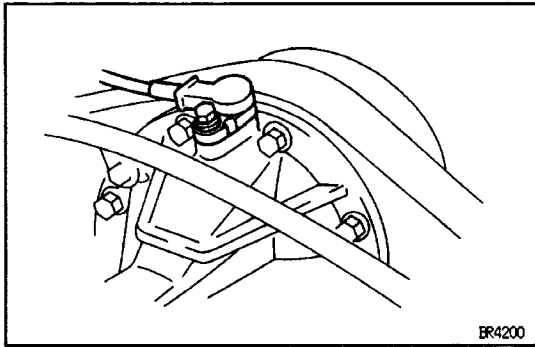
NOTICE: To prevent damage to the ring gear serrations, do not strike the ring gear.



- (d) Inspect the ring gear (sensor rotor) serrations for scratches, cracks, warping or missing teeth.
If necessary, replace the ring gear.



- (e) Install the differential carrier assembly.
(See page [SA-142](#))



(f) Install the speed sensor and tighten the installation bolt.

Torque: 19 N-m (195 kgf-cm, 14 ft-lbf)

(g) Set the speed sensor wire harness clamp and tighten the clamp bolt.

Torque: 19 N-m (195 kgf-cm, 14 ft-lbf)

4. CHECK SPEED SENSOR SIGNAL

(See page [BR-53](#))