# SKID CONTROL SENSOR

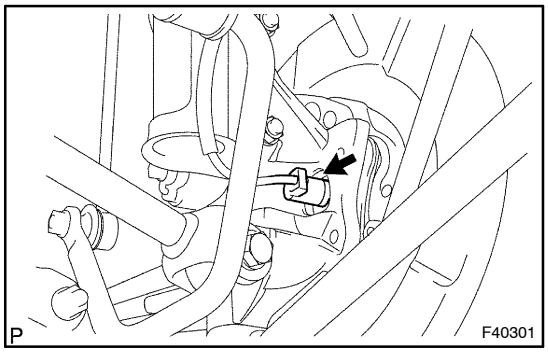
320DQ–01

## REPLACEMENT

HINT:

Replace the RH side by the same procedure with LH side.

**1. REMOVE REAR WHEEL**

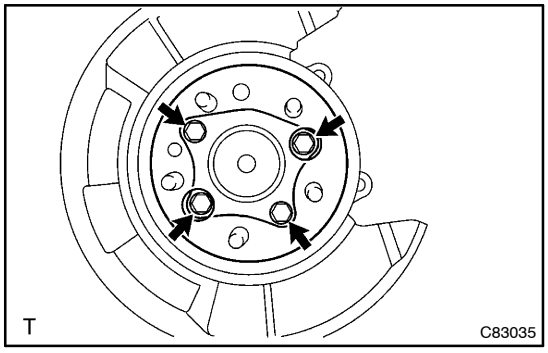



**2. SEPARATE SKID CONTROL SENSOR WIRE**

(a) Disconnect the connector from the skid control sensor.

**3. REMOVE REAR DISC BRAKE CALIPER ASSY, LH (See page 32–36)**

**4. REMOVE REAR DISC**




**5. REMOVE REAR AXLE HUB & BEARING ASSY LH**

(a) Remove the 4 bolts and rear axle hub & bearing assy.

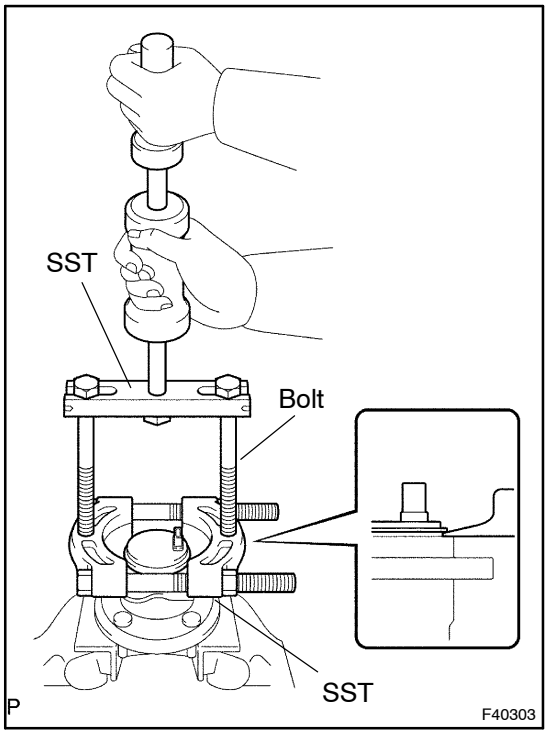
**6. REMOVE SKID CONTROL SENSOR**

(a) Mount the rear axle hub in a soft jaw vise.

**NOTICE:**

**Replace the axle hub assembly if it is dropped or a strong shock is given to it.**

(b) Using a pin punch and hammer, drive out the 2 pins and remove the 2 attachments from SST.




(c) Using SST and 2 bolts (Diameter: 12 mm, pitch: 1.5 mm), remove the skid control sensor from the rear axle hub.

SST 09520–00031 (09520–00040), 09521–00020, 09950–00020

**NOTICE:**

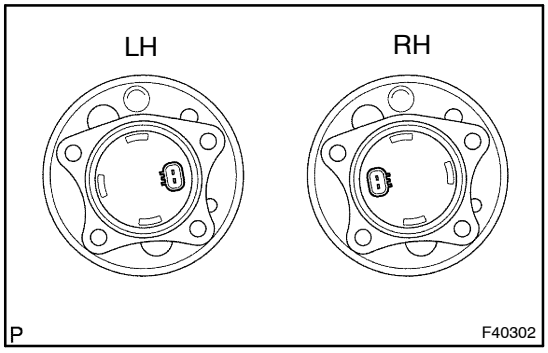
- **If a damage is inflicted to the sensor rotor, replace the axle hub assembly.**
- **Do not scratch the contacting surface of axle hub and speed sensor.**

**7. INSTALL SKID CONTROL SENSOR**

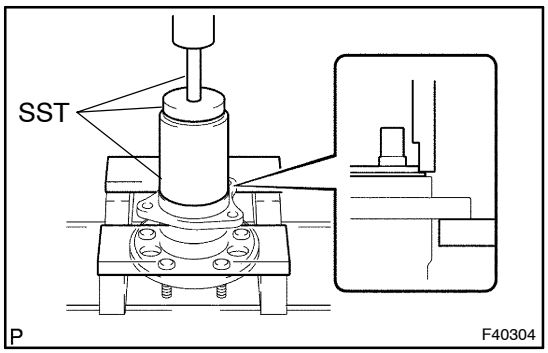
(a) Clean the contacting surface of the axle hub and a new skid control sensor.

**NOTICE:**

**Make sure the sensor rotor is clean.**




(b) Place the speed sensor on the axle hub so that the connector is positioned as shown in the illustration.

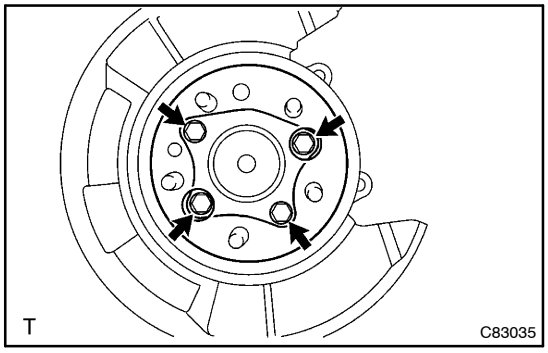



(c) Using SST and a press, install the skid control sensor to the axle hub.

**NOTICE:**

- **Do not tap the skid control sensor with a hammer directly.**
- **Check that the skid control sensor detection part is clean.**
- **Press in the skid control sensor straight and slowly.**

SST 09830–36010, 09950–60010 (09951–00650), 09950–70010 (09951–07100)




**8. INSTALL REAR AXLE HUB & BEARING ASSY LH**

(a) Install the rear axle hub & bearing assy with the 4 bolts.
**Torque: 80 N·m (816 kgf·cm, 59 ft·lbf)**

**9. INSTALL REAR DISC**

**10. INSTALL REAR DISC BRAKE CALIPER ASSY, LH (See page 32–36)**
**11. CONNECT SKID CONTROL SENSOR WIRE**

**12. INSTALL REAR WHEEL**
**Torque: 103 N·m (1,050 kgf·cm, 76 ft·lbf)**
**13. INSPECT TIRE (See page 27–3)**
**14. MEASURE VEHICLE HEIGHT (See page 27–3)**
**15. INSPECT SIDE SLIP (See page 27–3)**
**16. INSPECT CAMBER (See page 27–3)**
**17. INSPECT TOE–IN (See page 27–3)**
**18. ADJUST CAMBER AND TOE–IN (See page 27–3)**
**19. CHECK ABS SPEED SENSOR SIGNAL (See page 05–451 or 05–511)**