SKID CONTROL SENSOR

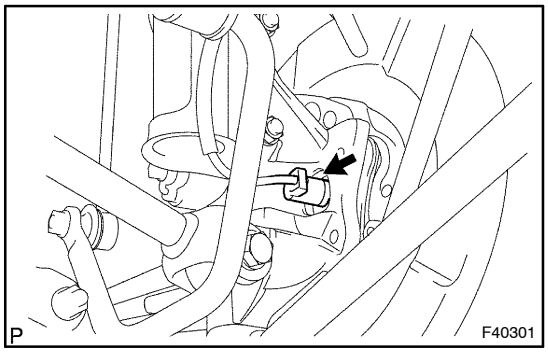
REPLACEMENT

320DQ–01

HINT:

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

1. REMOVE REAR WHEEL

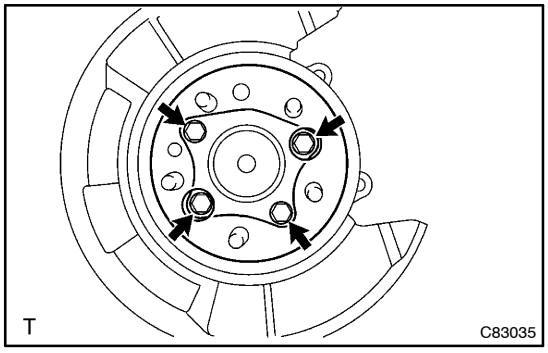


2. SEPARATE SKID CONTROL SENSOR WIRE

(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.

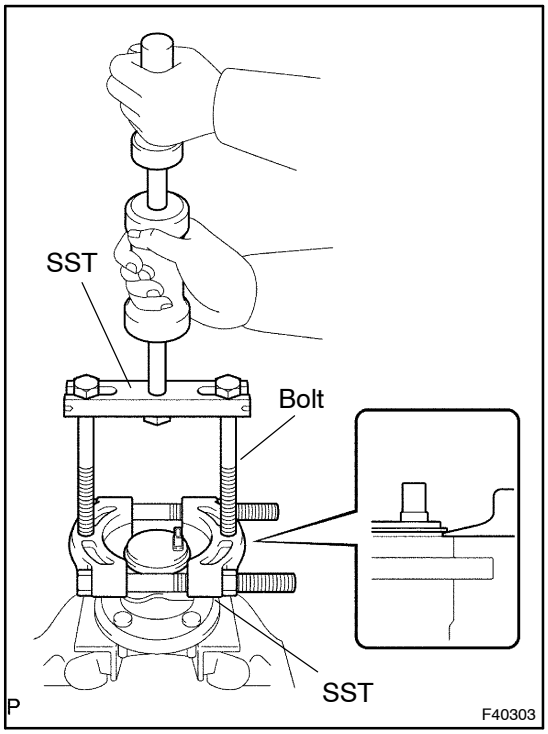
6. REMOVE SKID CONTROL SENSOR

(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:

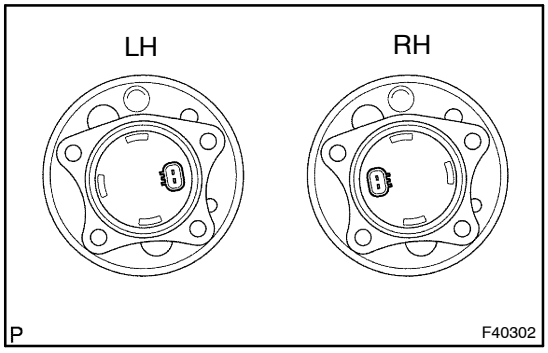
- **If a damage is inflicted to the sensor rotor, replace the axle hub assembly.**
- **Do not scratch the contacting surface of axle hub and speed sensor.**

7. INSTALL SKID CONTROL SENSOR

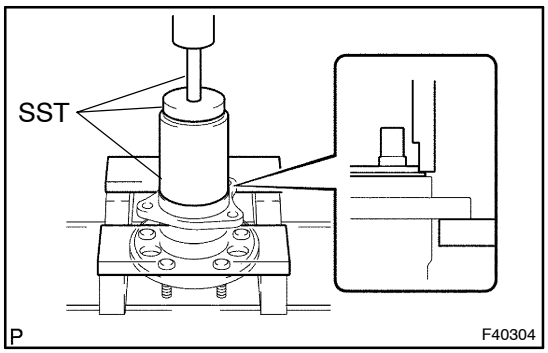
(a) Clean the contacting surface of the axle hub and a new skid control sensor.

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.

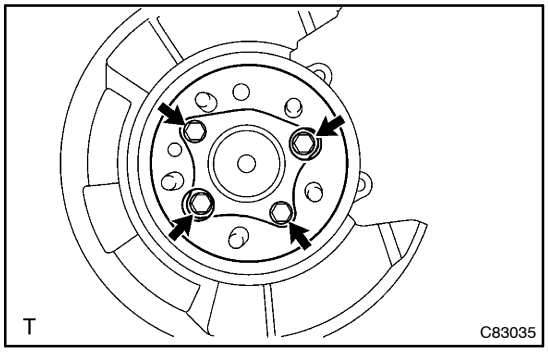


(c) Using SST and a press, install the skid control sensor to the axle hub.

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)