330G1–01

OVERHAUL

HINT:

- Use the same procedures for the RH side and LH side.
- The procedures listed below are for the LH side.

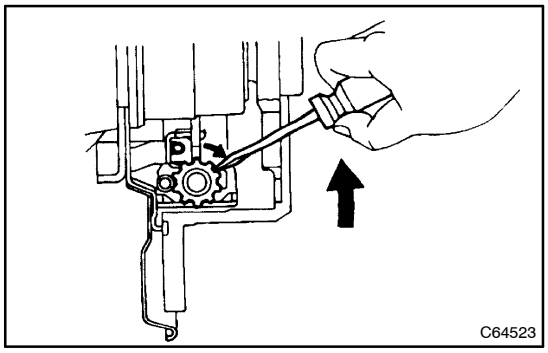
1. REMOVE REAR WHEEL

2. SEPARATE REAR DISC BRAKE CALIPER ASSY LH

(a) Remove the 2 bolts and separate the rear disc brake caliper assy LH.

HINT:

Do not disconnect the flexible hose from the disc brake caliper assy LH.

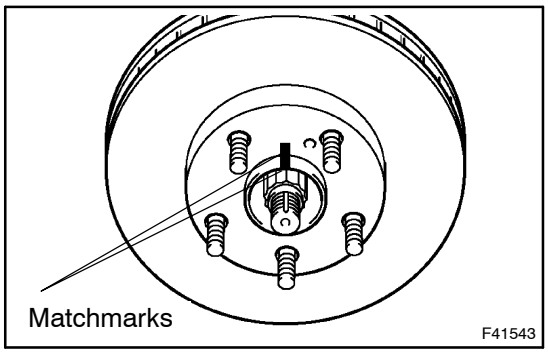


3. REMOVE REAR DISC

(a) Release the parking brake and remove the rear disc.

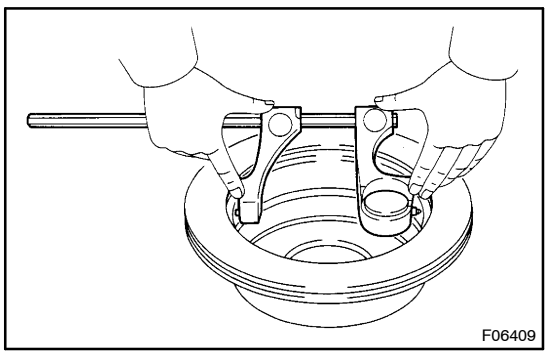
HINT:

If the disc cannot be removed easily, turn the shoe adjuster until the wheel turns freely.



(b) Put matchmarks on the rear disc and axle hub.

(c) Remove the rear disc.

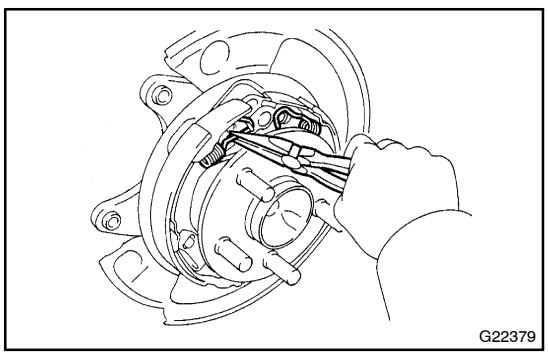


4. INSPECT BRAKE DISC INSIDE DIAMETER

(a) Using a brake drum gauge or equivalent tool, measure the inside diameter of the rear disc.

Maximum inside diameter: 174 mm (6.85 in.)
Standard inside diameter: 173 mm (6.81 in.)

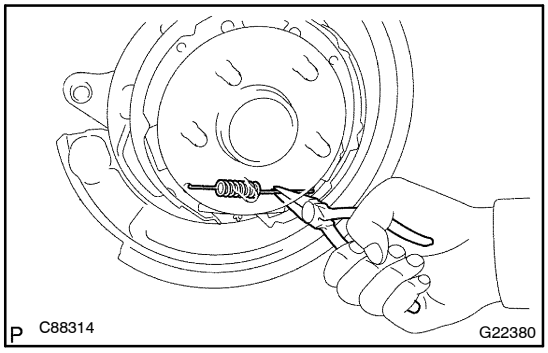
If the inside diameter exceeds the maximum, replace the rear disc with a new one.



5. REMOVE REAR BRAKE STRUT KIT

(a) Using needle–nose pliers, remove the parking brake shoe return tension spring No.1 and No.3.

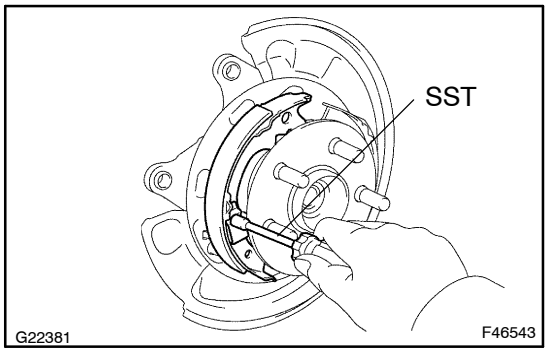
(b) Remove the parking brake shoe strut LH.



6. REMOVE PARKING BRAKE SHOE ADJUSTING SCREW SET

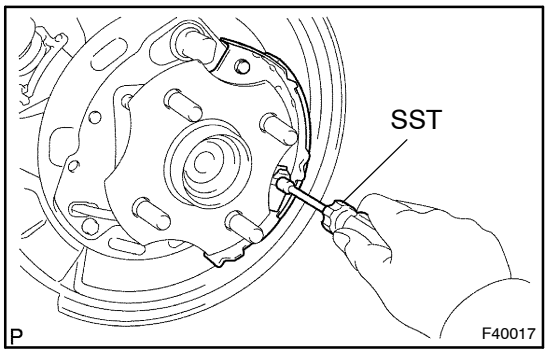
(a) Using needle–nose pliers, remove the parking brake shoe return tension spring No.2.

(b) Remove the parking brake shoe adjusting screw set LH.



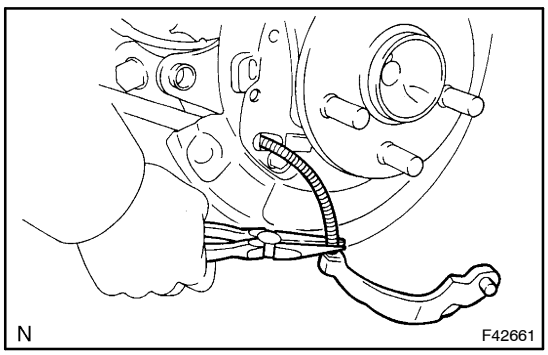
7. REMOVE PARKING BRAKE SHOE ASSY LH NO.1

(a) Using SST, remove the parking brake shoe hold down compression spring, parking brake shoe hold down spring pin No.1 and parking brake shoe assy LH No.1.
SST 09718–00010



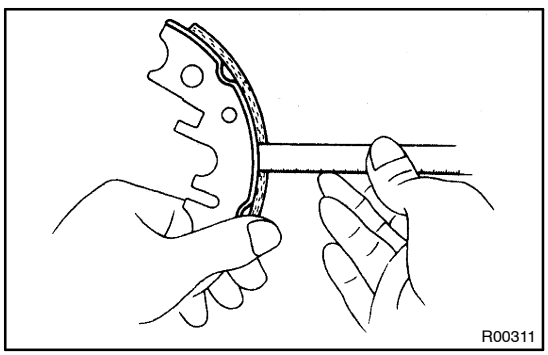
8. REMOVE PARKING BRAKE SHOE ASSY LH NO.2

(a) Using SST, remove the parking brake shoe hold down compression spring, parking brake shoe hold down spring pin No.1 and parking brake shoe assy LH No.2.
SST 09718–00010



9. REMOVE PARKING BRAKE SHOE LEVER LH

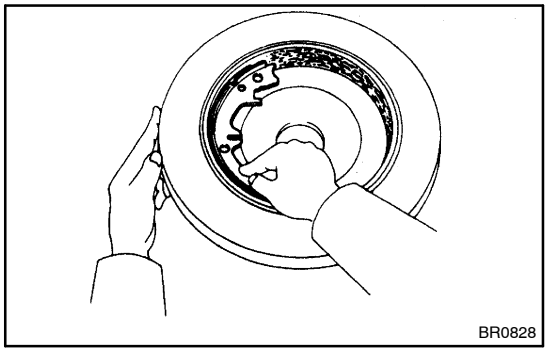
(a) Using needle–nose pliers, remove the parking brake shoe lever LH from the parking brake cable No.3.



10. INSPECT PARKING BRAKE SHOE LINING THICKNESS

(a) Using a ruler, measure the thickness of the shoe lining.
Minimum thickness: 1.0 mm (0.039 in.)
Standard thickness: 3.5 mm (0.138 in.)

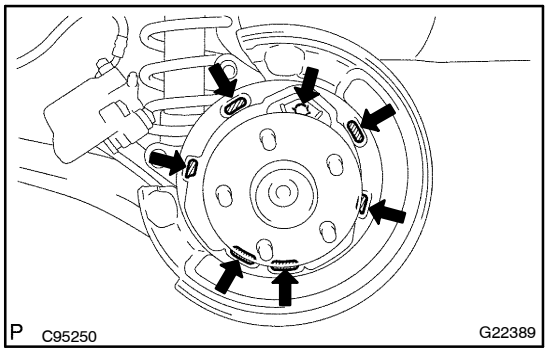
If the lining thickness is at the minimum or less, replace the brake shoe.



11. INSPECT BRAKE DISC AND PARKING BRAKE SHOE LINING FOR PROPER CONTACT

(a) Apply chalk to the inside surface of the disc, then grind down the brake shoe lining to fit disk.
Standard: Proper fitting

(b) If the contact between the brake disc and shoe lining is improper, repair it using a brake shoe grinder or replace the brake shoe assembly.

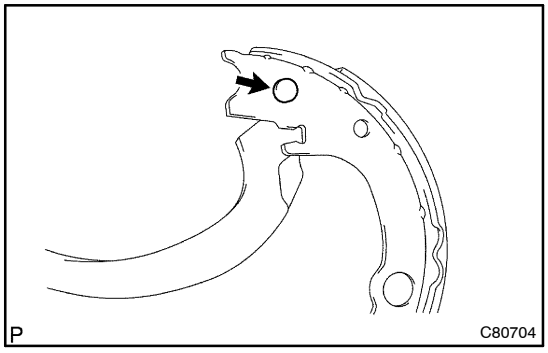


12. APPLY HIGH TEMPERATURE GREASE

(a) Apply heat resistance grease to the area where the shoe contacts with the backing plate.

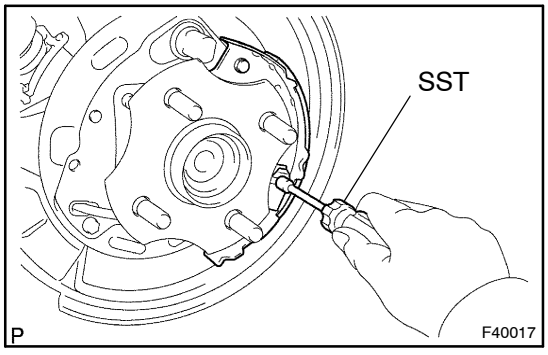
13. INSTALL PARKING BRAKE SHOE LEVER LH

(a) Using needle–nose pliers, connect the parking brake shoe lever LH to the parking brake cable No.3.

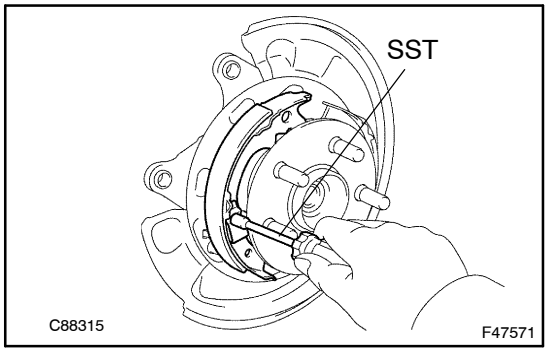


14. INSTALL PARKING BRAKE SHOE ASSY LH NO.2

(a) Apply heat resistance grease to the area where the parking brake shoe assy LH No.2 and parking brake shoe lever LH contact. Connect the parking brake shoe assy LH No.2 and parking brake shoe lever LH.

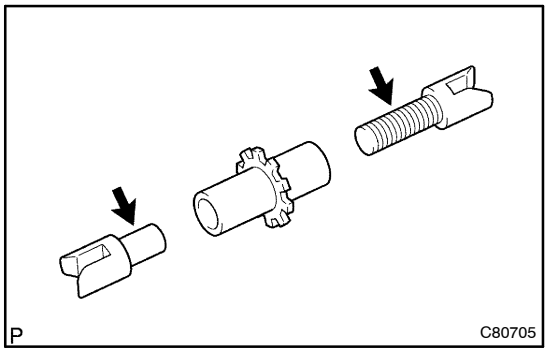


(b) Using SST, install the parking brake shoe assy LH No.2 with the parking brake shoe hold down compression spring and parking brake shoe hold down spring pin.
SST 09718–00010



15. INSTALL PARKING BRAKE SHOE ASSY LH NO.1

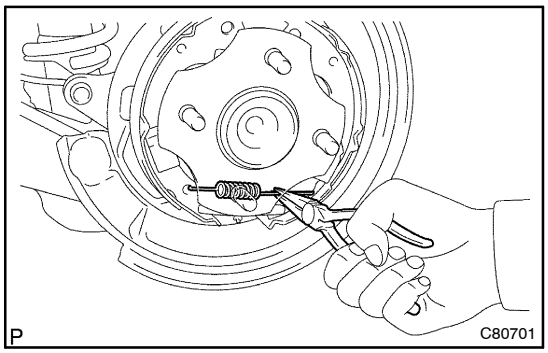
(a) Using SST, install the parking brake shoe assy LH No.1 with the parking brake shoe hold down compression spring and parking brake shoe hold down spring pin.
SST 09718–00010



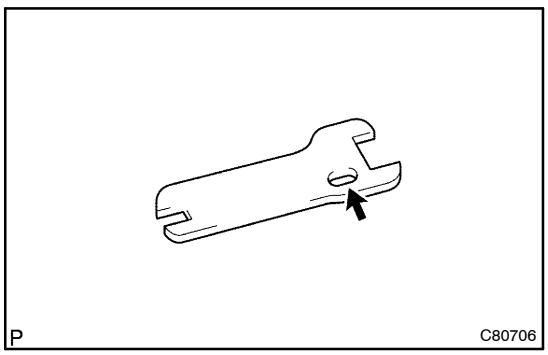
16. INSTALL PARKING BRAKE SHOE ADJUSTING SCREW SET

(a) Apply heat resistance grease to the thread portion of the parking brake shoe adjusting screw set LH and an inlet for the piece.

(b) Install the parking brake shoe adjusting screw set LH.

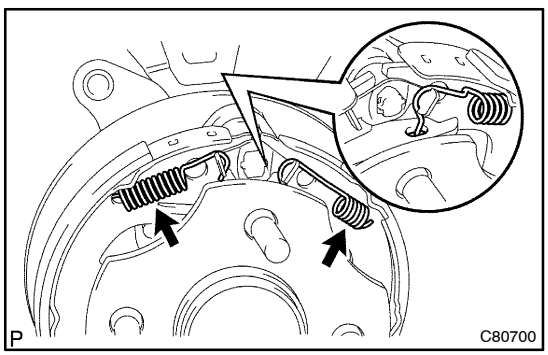


(c) Using needle–nose pliers, install the parking brake shoe return tension spring No.2.



17. INSTALL REAR BRAKE STRUT KIT

(a) Apply high temperature grease to the area where the shoe strut LH tension spring makes contact.



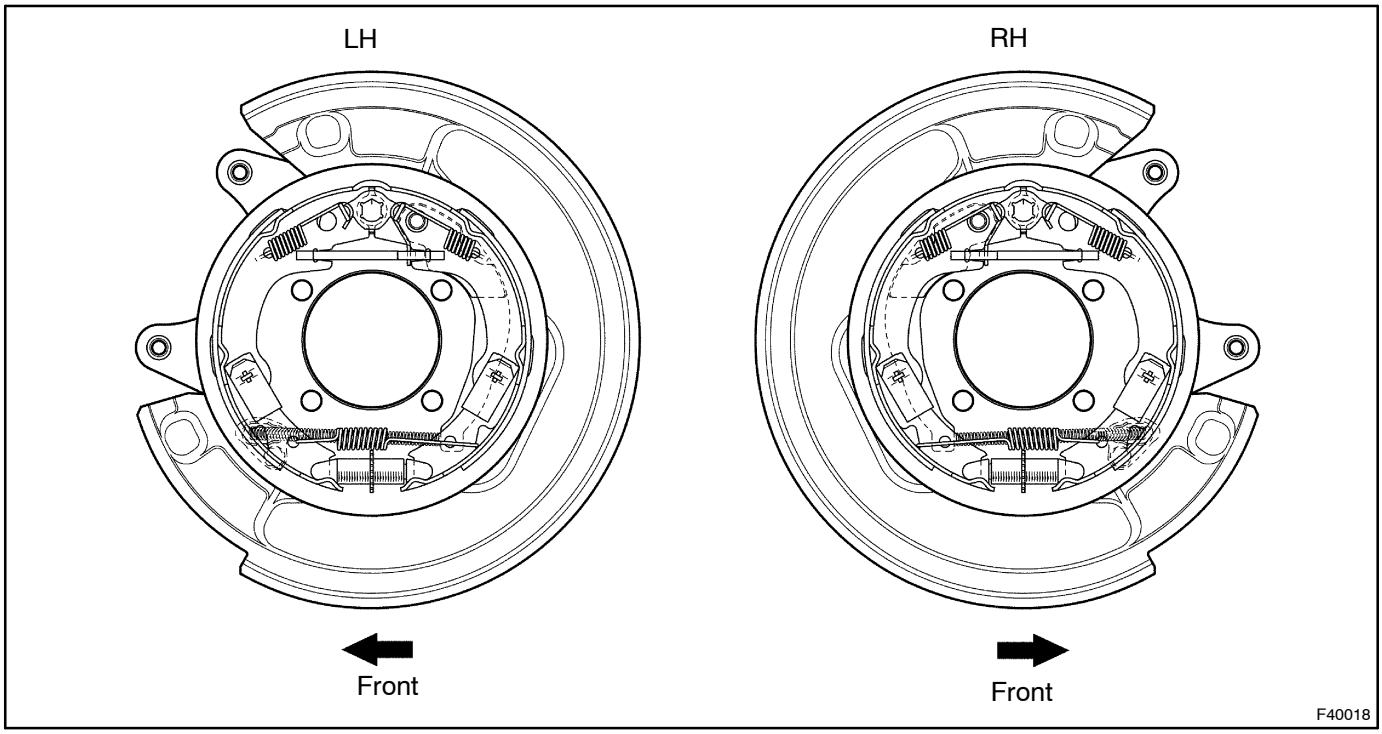
(b) Install the parking brake shoe strut LH. Using needle–nose pliers, install the parking brake shoe return tension spring No.1 and No.3.

18. CHECK PARKING BRAKE INSTALLATION

(a) Check that each part is installed properly.

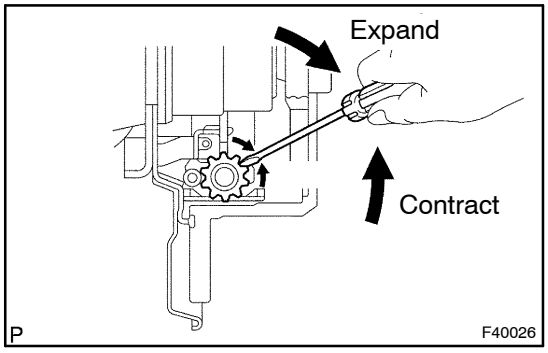
NOTICE:

There should be no oil or grease on the friction surface of the shoe lining and disc.



19. INSTALL REAR DISC

(a) Install the rear disc by aligning the matchmarks.



20. ADJUST PARKING BRAKE SHOE CLEARANCE

(a) Temporarily install the hub nuts.

(b) Remove the hole plug. Turn the adjuster until the disc locks and expand the shoe.

(c) Contract the shoe adjuster until the disc rotates smoothly.

Standard: Return 8 notches

(d) Check that the shoe has no brake drag.

(e) Install the hole plug.

21. CONNECT REAR DISC BRAKE CALIPER ASSY LH

(a) Install the rear disc brake caliper assy LH with 2 bolts.

22. INSTALL REAR WHEEL

Torque: 103 N·m (1,050 kgf·cm, 76 ft·lbf)

23. INSPECT AND ADJUST PARKING BRAKE PEDAL TRAVEL (SEE PAGE 33–2)