

OVERHAUL

HINT:

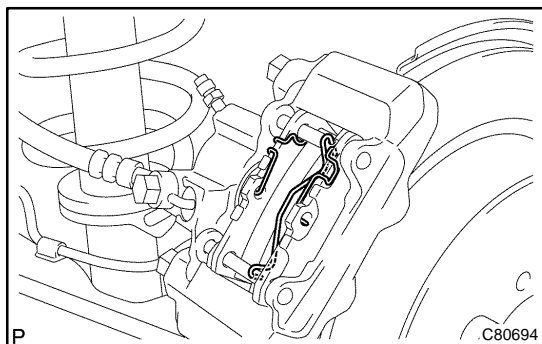
Overhaul the RH side by the same procedure as the LH side.

1. REMOVE REAR WHEEL

2. DRAIN BRAKE FLUID

NOTICE:

Wash the brake fluid off immediately if it comes into contact with any painted surface.



3. REMOVE DISC BRAKE PAD KIT REAR (PAD ONLY)

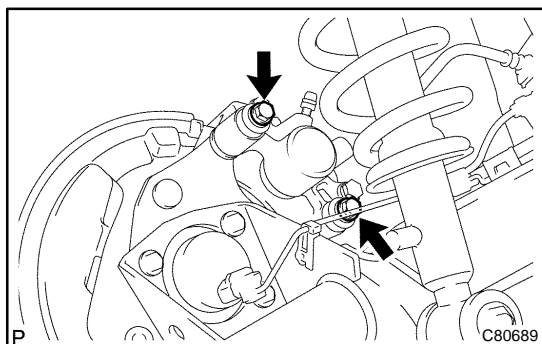
- (a) Remove the clip, anti-rattle spring No.1 and anti-rattle spring No.2.
- (b) Remove the 2 pad guide pins and disc brake pads with anti-squeal shims.
- (c) Remove the anti-squeal shims from each pad.

4. REMOVE DISC BRAKE CYLINDER ASSY REAR LH

- (a) Remove the union bolt and gasket from the disc brake cylinder, then disconnect the flexible hose from the disc brake cylinder.

HINT:

Gasket has 2 types: 2-piece type and 1-piece type.



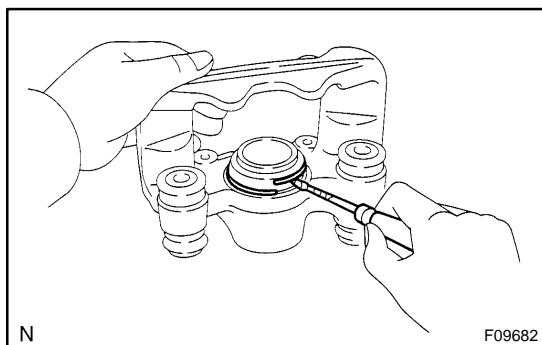
- (b) Remove the 2 bolts and disc brake cylinder.

5. REMOVE REAR DISC BRAKE CYLINDER MOUNTING COLLAR

- (a) Remove the 2 cylinder mounting collars from the disc brake cylinder.

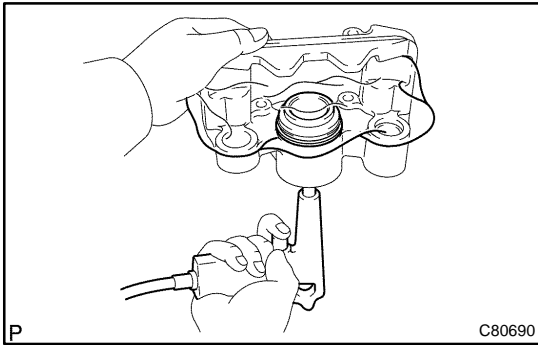
6. REMOVE REAR DISC BRAKE BUSH DUST BOOT

- (a) Remove the 3 bush dust boots.



7. REMOVE CYLINDER BOOT

- (a) Using a screwdriver, remove the set ring and cylinder boot.



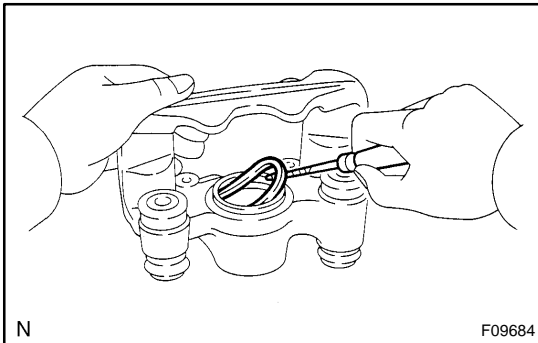
- 8. REMOVE REAR DISC BRAKE DISC BRAKE PISTON**
- Place a piece of cloth or similar, between the piston and the disc brake cylinder.
 - Use compressed air to remove the piston from the disc brake cylinder.

CAUTION:

Do not place your fingers in front of the piston when using compressed air.

NOTICE:

Do not spatter the brake fluid.

**9. REMOVE PISTON SEAL**

- Using a screwdriver, remove the piston seal from the brake cylinder.

NOTICE:

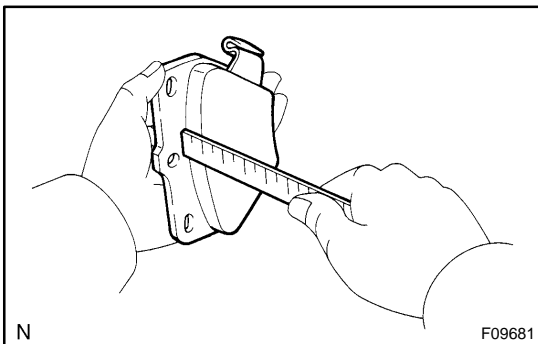
Do not damage the inner cylinder and the cylinder groove.

10. REMOVE REAR DISC BRAKE BLEEDER PLUG

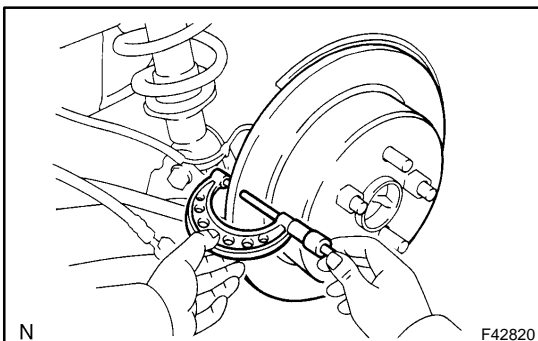
- Remove the disc brake bleeder plug cap and bleeder plug from the rear disc brake cylinder.

11. INSPECT BRAKE CYLINDER AND PISTON

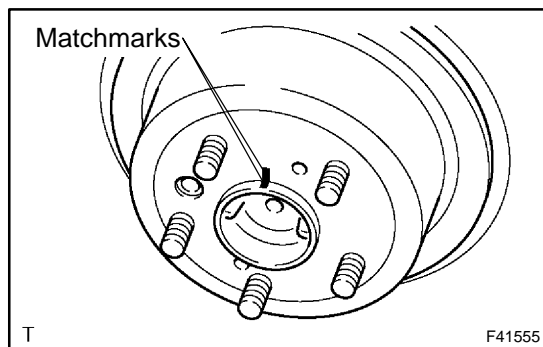
- Check the cylinder bore and piston for rust or scoring.

**12. INSPECT PAD LINING THICKNESS**

- Using a ruler, measure the pad lining thickness.
Standard thickness: 10.0 mm (0.394 in.)
Minimum thickness: 1.0 mm (0.039 in.)

**13. INSPECT DISC THICKNESS**

- Using a micrometer, measure the disc thickness.
Standard thickness: 9.0 mm (0.354 in.)
Minimum thickness: 7.5 mm (0.295 in.)

**14. REMOVE REAR DISC**

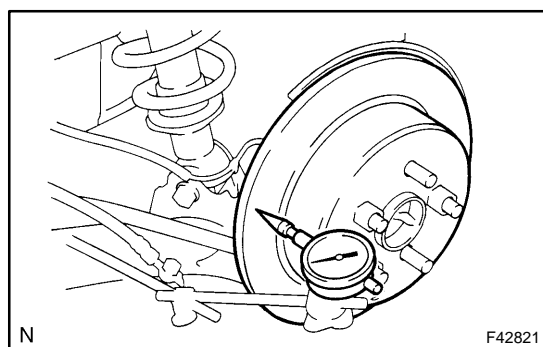
- (a) Make matchmarks on the rear disc and the axle hub.
- (b) Remove the rear disc.

15. INSTALL REAR DISC

- (a) Aligning the matchmarks, install the rear disc.

HINT:

Select the installation position where the disc has the minimum runout.

**16. INSPECT DISC RUNOUT**

- (a) Temporarily fasten the disc with hub nuts.
Torque: 103 N·m (1,050 kgf·cm, 76 ft·lbf)
- (b) Using a dial indicator, measure the disc runout 10 mm (0.39 in.) away from the outer edge of the disc.
Maximum disc runout: 0.15 mm (0.0059 in.)
- (c) If the disc runout is the maximum value or greater, check the bearing play in the axial direction and check the axle hub runout (See page 30-3). If the bearing play and axle hub runout are normal, adjust the disc runout or grind it on a "On-car" brake lathe.

17. TEMPORARY TIGHTEN REAR DISC BRAKE BLEEDER PLUG

- (a) Temporarily tighten the bleeder plug, and install the bleeder plug cap to the disc brake cylinder.

18. INSTALL PISTON SEAL

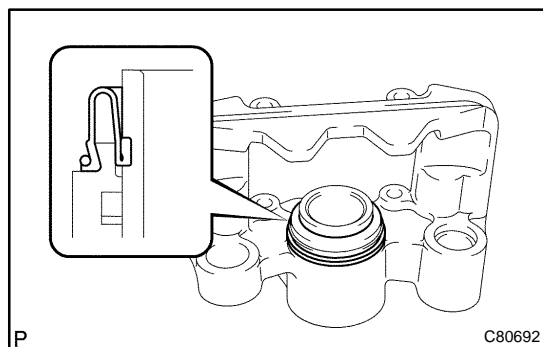
- (a) Apply the lithium soap base glycol grease on a new piston seal.
- (b) Install the piston seal to the disc brake cylinder.

19. INSTALL REAR DISC BRAKE DISC BRAKE PISTON

- (a) Apply the lithium soap base glycol grease on the piston.
- (b) Install the piston to the disc brake cylinder.

NOTICE:

Do not screw the piston forcedly in the disc brake cylinder.

**20. INSTALL CYLINDER BOOT**

- (a) Apply the lithium soap base glycol grease on a new cylinder boot.
- (b) Install the cylinder boot to the disc brake cylinder.

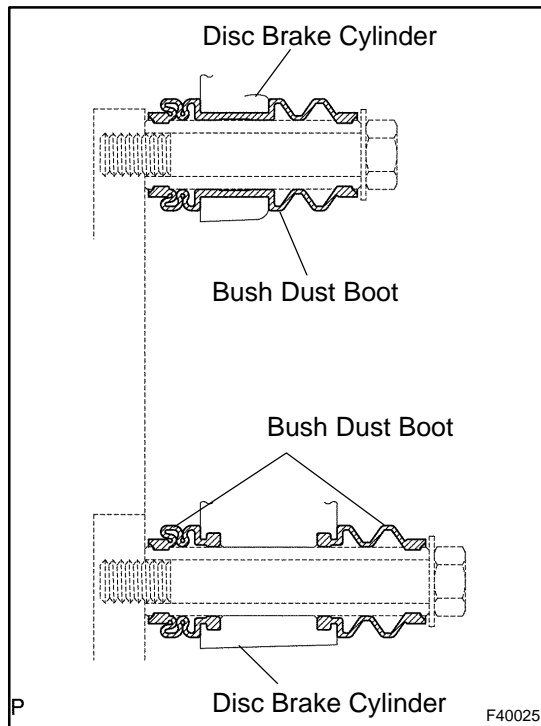
HINT:

Install the boot securely to the grooves of the cylinder and piston.

- (c) Using a screwdriver, install the set ring.

NOTICE:

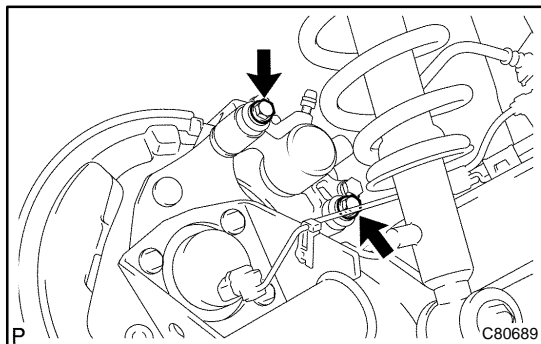
Do not damage the cylinder boot.

**21. INSTALL REAR DISC BRAKE BUSH DUST BOOT**

- (a) Apply the lithium soap base glycol grease to seal surface of 3 new bush dust boots.
- (b) Install the 3 bush dust boots to the disc brake cylinder.

22. INSTALL REAR DISC BRAKE CYLINDER MOUNTING COLLAR

- (a) Install the 2 cylinder mounting collars.

**23. INSTALL DISC BRAKE CYLINDER ASSY REAR LH**

- (a) Install the disc brake cylinder with the 2 bolts.
Torque: 46.6 N·m (475 kgf·cm, 34 ft·lbf)
- (b) Install a new gasket and flexible hose with the union bolt.
Torque: 29 N·m (296 kgf·cm, 21 ft·lbf)

HINT:

- Gasket has 2 types: 2-piece type and 1-piece type.
- Install the flexible hose lock securely in the lock hole in the brake cylinder.

24. INSTALL DISC BRAKE PAD KIT REAR (PAD ONLY)**NOTICE:**

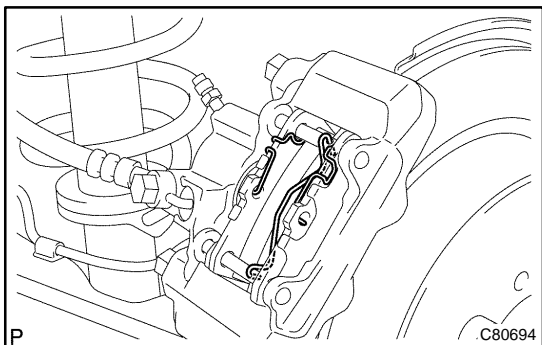
If necessary, replace the anti-squeal shim kit when replacing the brake pad.

- (a) Apply disc brake grease to inside of anti-squeal shims, and install the anti-squeal shims on each pad.
- (b) Install the inner pad with the pad wear indicator plate facing upward, and install the outer pad.

NOTICE:

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

- (c) Install the 2 pad guide pins.



- (d) Install the anti-rattle spring No. 1 anti-rattle spring No. 2 and clip.

25. **FILL RESERVOIR WITH BRAKE FLUID**
26. **BLEED MASTER CYLINDER (See page 32-6)**
SST 09023-00100
27. **BLEED BRAKE LINE (See page 32-6)**
28. **CHECK FLUID LEVEL IN RESERVOIR**
29. **CHECK BRAKE FLUID LEAKAGE**
30. **INSTALL REAR WHEEL**
Torque: 103 N·m (1,050 kgf·cm, 76 ft·lbf)