

OVERHAUL

HINT:

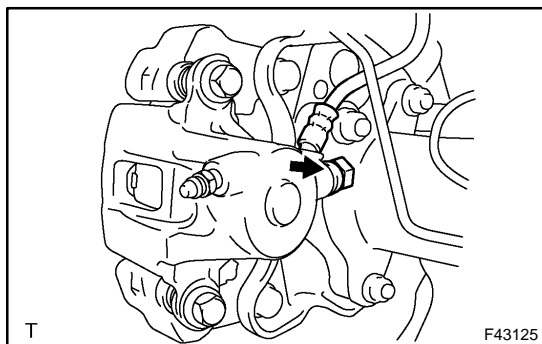
Overhaul procedure of the RH side is the same as that of with LH side.

1. REMOVE REAR WHEEL

2. DRAIN BRAKE FLUID

NOTICE:

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

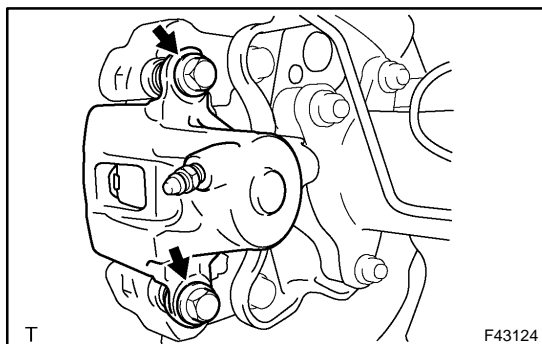


3. DISCONNECT REAR LH FLEXIBLE HOSE

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

HINT:

Use a container to catch brake fluid as it drains out.



4. REMOVE DISC BRAKE CYLINDER ASSY REAR LH

- (a) Remove the 2 cylinder slide pins from disc brake cylinder assy rear.
- (b) Remove the disc brake cylinder assy rear from rear disc brake cylinder mounting.

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

- (a) Remove the 2 brake pads with anti-squeal shims from rear disc brake cylinder mounting.

6. REMOVE REAR DISC BRAKE ANTI-SQUEAL SHIM

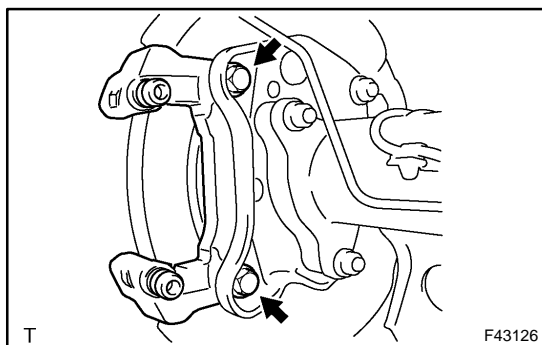
- (a) Remove the 2 anti-squeal shims from each disc brake pads.

7. REMOVE REAR DISC BRAKE PAD WEAR INDICATOR PLATE

- (a) Remove the pad wear indicator plate from the inner side disc brake pad.

8. REMOVE REAR DISC BRAKE PAD SUPPORT PLATE

- (a) Remove the 4 pad support plates from the rear disc brake cylinder mounting.

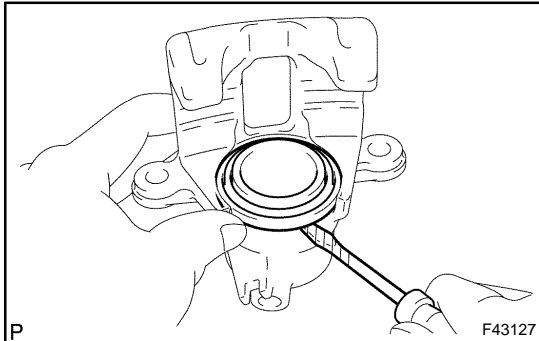


9. REMOVE REAR DISC BRAKE CYLINDER MOUNTING LH

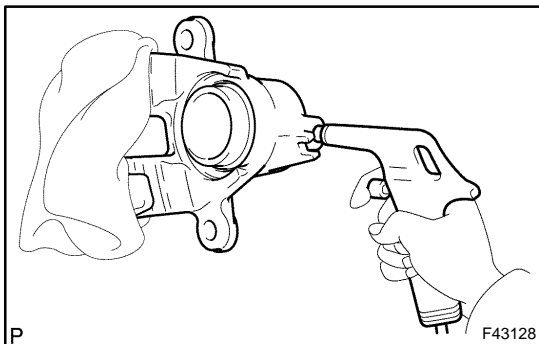
- (a) Remove the 2 bolts and rear brake cylinder mounting.

10. REMOVE REAR DISC BRAKE CYLINDER SLIDE BUSH

- (a) Remove the 2 cylinder slide bushes from the rear disc brake cylinder mounting.
- (b) Remove the cylinder hole plug from the rear disc brake cylinder mounting.

**11. REMOVE CYLINDER BOOT**

- (a) Using a screwdriver, remove the cylinder boot from disc brake cylinder assy rear.

**12. REMOVE REAR DISC BRAKE DISC BRAKE PISTON**

- (a) Place a of cloth or equivalent between the piston and the disc brake cylinder assy rear.
- (b) Use compressed air to remove the piston from the disc brake cylinder assy rear.

CAUTION:

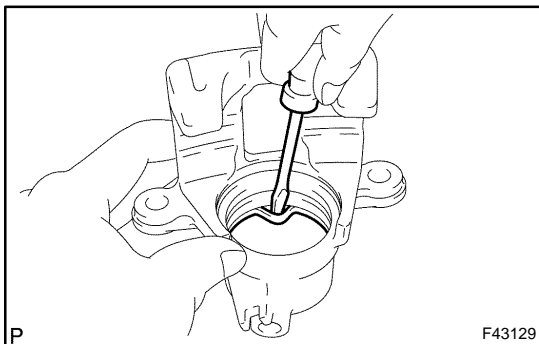
Do not place your fingers in front of the piston when using compressed air.

NOTICE:

Do not spatter the brake fluid.

13. REMOVE PISTON SEAL

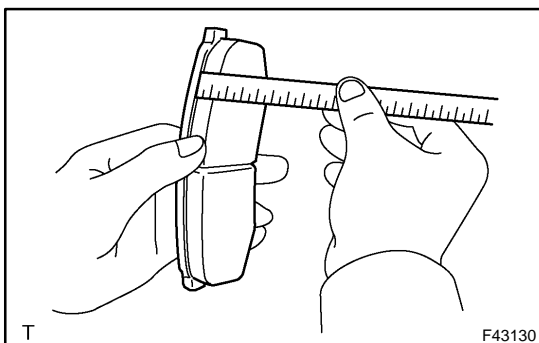
- (a) Using a screwdriver, remove the piston seal from the disc brake cylinder assy rear.

**14. REMOVE REAR DISC BRAKE BLEEDER PLUG**

- (a) Remove the bleeder plug cap and bleeder plug from disc brake cylinder assy rear.

15. INSPECT BRAKE CYLINDER AND PISTON

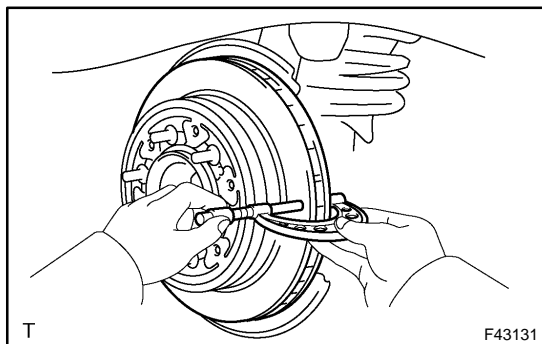
- (a) Check the cylinder bore and piston for rust or scarring.

**16. INSPECT PAD LINING THICKNESS**

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

17. INSPECT REAR DISC BRAKE PAD SUPPORT PLATE

- (a) Inspect the 4 pad support plates. Make sure the plates have sufficient rebound check for deformation, cracks or wear, rust, dirt or foreign particles.

**18. INSPECT DISC THICKNESS**

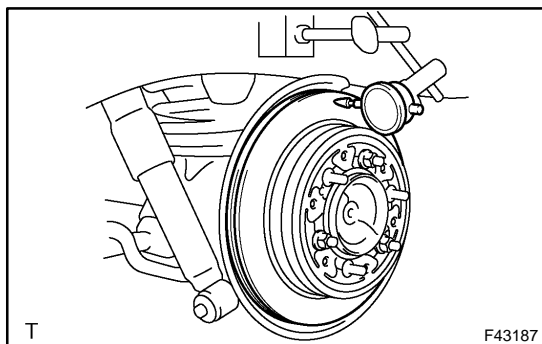
- (a) Using a micrometer, measure the disc thickness.
Standard thickness: 18.0 mm (0.709 in.)
Minimum thickness: 16.0 mm (0.630 in.)

19. REMOVE REAR DISC

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

20. INSTALL REAR DISC

- (a) Align the matchmarks and install the rear disc.

**21. INSPECT DISC RUNOUT**

- (a) Temporarily fasten the disc with hub nuts.
Torque: 110 N·m (1,122 kgf·cm, 81 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: 0.20 mm (0.0079 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 30-2). If the bearing play and axle hub runout are normal, adjust the disc runout or grind it on a "On-car" brake lathe.

22. TEMPORARILY TIGHTEN REAR DISC BRAKE BLEEDER PLUG

- (a) Temporarily tighten the bleeder plug to the disc brake cylinder assy rear.
 (b) Install the bleeder plug cap on the bleeder plug.

23. INSTALL PISTON SEAL

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

24. INSTALL REAR DISC BRAKE DISC BRAKE PISTON

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

NOTICE:

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

25. INSTALL CYLINDER BOOT

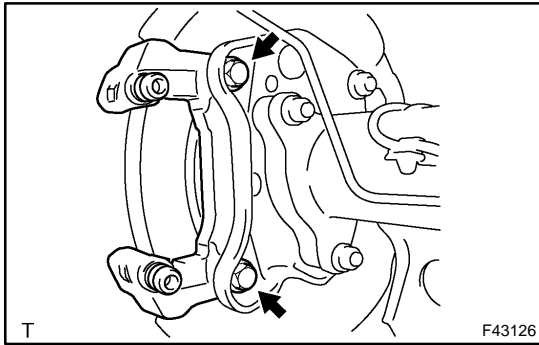
- (a) Apply the lithium soap base glycol grease to a new cylinder boot.
 (b) Install the cylinder boot on the disc brake cylinder

HINT:

Install the cylinder boot securely on the grease of the disc brake cylinder assy and piston.

26. INSTALL REAR DISC BRAKE CYLINDER SLIDE BUSH

- (a) Apply the lithium soap base glycol grease to a new cylinder hole plug and 2 new cylinder slide bushes.
 (b) Install the cylinder hole plug and 2 cylinder slide bush to the rear disc brake cylinder mounting.



27. INSTALL REAR DISC BRAKE CYLINDER MOUNTING LH

- (a) Install the rear disc brake cylinder mounting with 2 bolts.
Torque: 105 N·m (1,071 kgf·cm, 77 ft·lbf)

28. INSTALL REAR DISC BRAKE PAD SUPPORT PLATE

- (a) Install the 4 pad support plates on the rear disc brake cylinder mounting.

29. INSTALL REAR DISC BRAKE PAD WEAR INDICATOR PLATE

- (a) Install the pad wear indicator plate on the inner side disc brake pad.

HINT:

Install the pad wear indicator facing downward.

30. INSTALL REAR DISC BRAKE ANTI-SQUEAL SHIM

NOTICE:

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

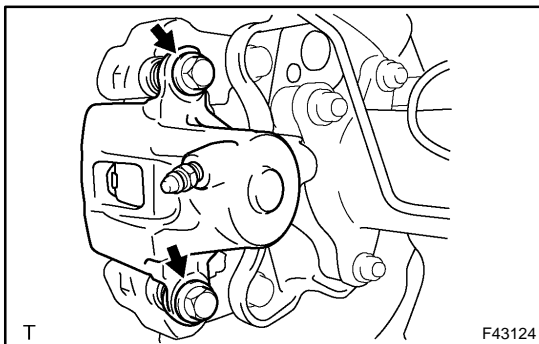
- (a) Install the anti-squeal shims on each brake pad.

NOTICE:

There should be no oil or grease on the friction surfaces of the brake pads and the rear disc.

31. INSTALL DISC BRAKE PAD KIT REAR (PAD ONLY)

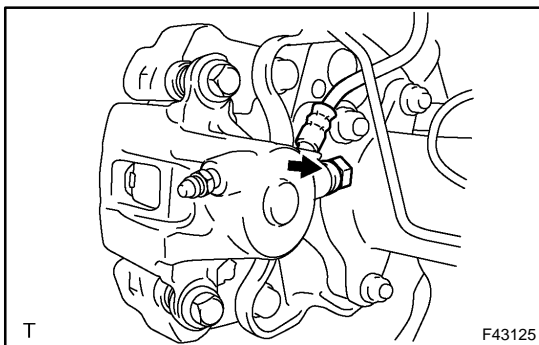
- (a) Install the 2 disc brake pads with anti-squeal shim to the disc brake cylinder assy.



32. INSTALL DISC BRAKE CYLINDER ASSY REAR LH

- (a) Apply the lithium soap base glycol grease to the sliding part of 2 cylinder slide pins.
(b) Install the disc brake cylinder assy rear with 2 cylinder slide pins.

Torque: 88 N·m (897 kgf·cm, 65 ft·lbf)



33. CONNECT REAR LH FLEXIBLE HOSE

- (a) Connect the flexible hose with union bolt and new gasket to the disc brake cylinder assy rear.

Torque: 31 N·m (316 kgf·cm, 23 ft·lbf)

- 34. FILL RESERVOIR WITH BRAKE FLUID
- 35. BLEED BRAKE LINE (See page [32-4](#))
- 36. CHECK FLUID LEVEL IN RESERVOIR
- 37. CHECK BRAKE FLUID LEAKAGE
- 38. INSTALL REAR WHEEL
Torque: 110 N·m (1,122 kgf·cm, 81 ft·lbf)