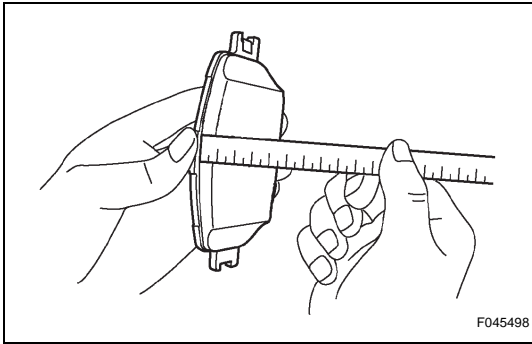


INSPECTION

1. INSPECT BRAKE CYLINDER AND PISTON

- (a) Inspect the cylinder bore and the brake piston for rust or scoring.



2. INSPECT PAD LINING THICKNESS

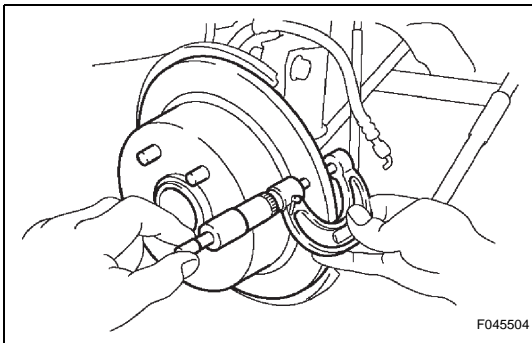
- (a) Using a ruler, measure the pad lining thickness.

Standard thickness:

10.0 mm (0.394 in.)

Minimum thickness:

1.0 mm (0.039 in.)



3. INSPECT DISC THICKNESS

- (a) Using a micrometer, measure the disc thickness.

Standard thickness:

10.0 mm (0.394 in.)

Minimum thickness:

8.5 mm (0.335 in.)

REASSEMBLY

1. INSTALL PARKING BRAKE SHOE ADJUSTING HOLE PLUG

- Install the parking brake shoe adjusting hole plug to the rear disc.

2. INSTALL REAR DISC

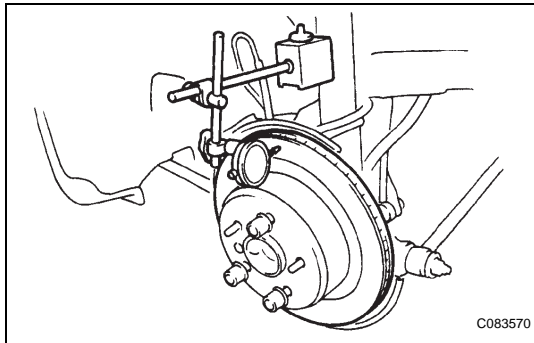
- Aligning the matchmarks, install the rear disc.

HINT:

When replacing the rear disc with a new one, select the installation position where the rear disc has the minimum runout.

3. INSPECT DISC RUNOUT

- Temporarily fasten the rear disc with hub nuts.
Torque: 103 N*m (1,050 kgf*cm, 76 ft.*lbf)
- Using a dial gauge, measure the disc runout 10 mm (0.39 in.) away from the outer edge of the rear disc.
**Maximum disc runout:
0.15 mm (0.0059 in.)**
- If the disc runout is equal to maximum value or greater, check the bearing play in the axial direction and check the axle hub runout (See page [AH-15](#) or [AH-18](#)). If the bearing play and axle hub runout are not abnormal, adjust the disc runout or grind it on a "On-car" brake lathe.



4. ADJUST PARKING BRAKE SHOE CLEARANCE

5. TEMPORARILY TIGHTEN REAR DISC BRAKE BLEEDER PLUG

- Temporarily install the rear disc brake bleeder plug to the rear disc brake cylinder sub-assembly.

6. INSTALL REAR DISC BRAKE BLEEDER PLUG CAP

- Install the rear disc brake bleeder plug cap to the rear disc brake bleeder plug.

7. INSTALL PISTON SEAL

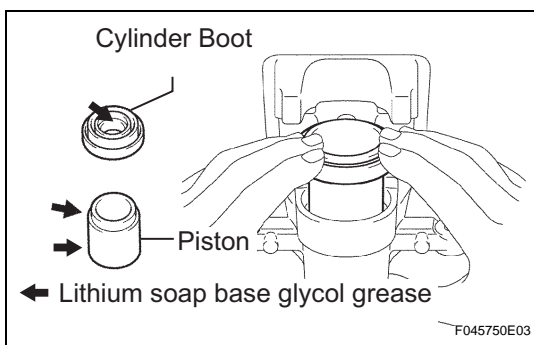
- Apply lithium soap base glycol grease to a new piston seal.
- Install the piston seal to the rear disc brake cylinder sub-assembly.

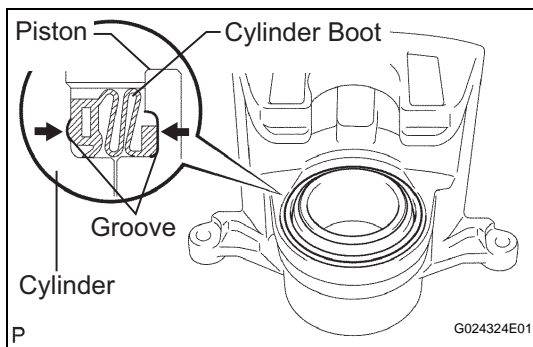
8. INSTALL REAR DISC BRAKE PISTON

- Apply lithium soap base glycol grease to the rear disc brake piston and a new cylinder boot.
- Install the cylinder boot to the rear disc brake piston.
- Install the piston to the rear disc brake cylinder sub-assembly.

NOTICE:

Do not install the piston forcibly in the disc brake cylinder.



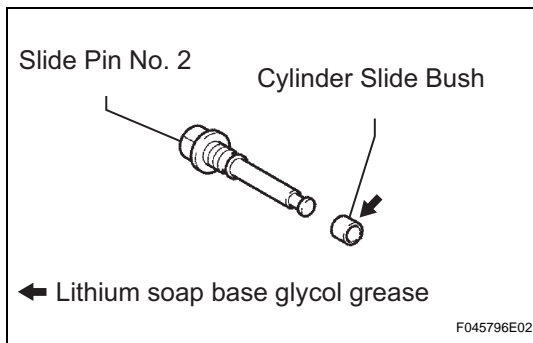


9. INSTALL CYLINDER BOOT

- (a) Install the cylinder boot to the rear disc brake cylinder sub-assembly.

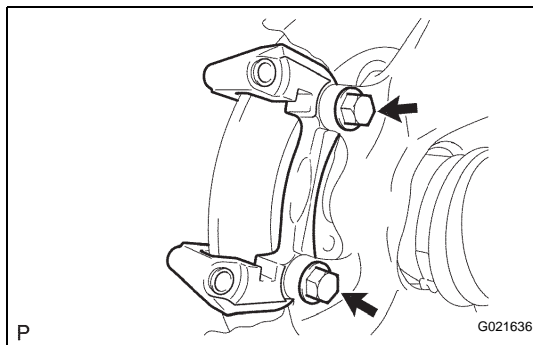
NOTICE:

- Install the boot securely onto the grooves of the cylinder and the piston.
- Do not damage the cylinder boot.



10. INSTALL REAR DISC BRAKE CYLINDER SLIDE BUSH

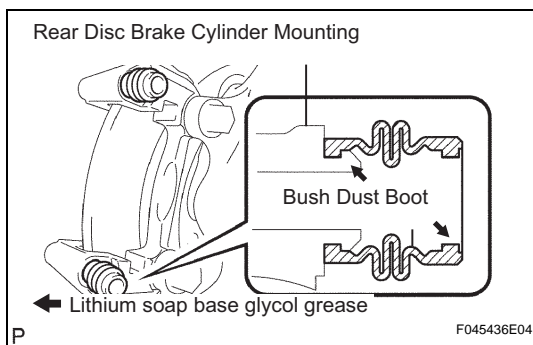
- (a) Apply lithium soap base glycol grease to a new rear disc brake cylinder slide bush.
- (b) Install the rear disc brake cylinder slide bush to the rear disc brake cylinder slide pin No. 2.



11. INSTALL REAR DISC BRAKE CYLINDER MOUNTING LH

- (a) Install the rear disc brake cylinder mounting LH with the 2 bolts.

Torque: 78 N*m (799 kgf*cm, 58 ft.*lbf)

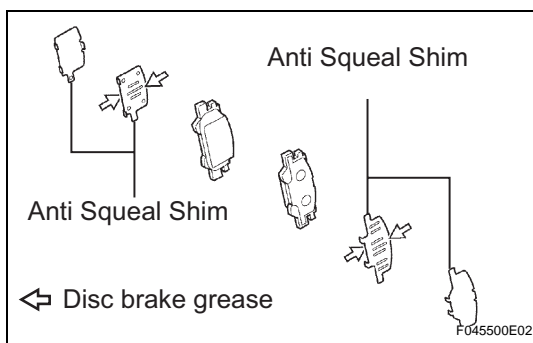


12. INSTALL REAR DISC BRAKE BUSH DUST BOOT

- (a) Apply lithium soap base glycol grease to the seal surface of 2 new rear disc brake bush dust boots.
- (b) Install the 2 rear disc brake bush dust boots to the rear disc brake cylinder mounting LH.

13. INSTALL REAR DISC BRAKE PAD SUPPORT PLATE

- (a) Install the rear disc brake pad support plate (No. 1) and the rear disc brake pad support plate (No. 2) to the rear disc brake cylinder mounting LH.



14. INSTALL REAR DISC BRAKE ANTI SQUEAL SHIM KIT

- (a) Apply disc brake grease to the inside of the anti squeal shims and install them and the pad wear indicators to each of the 2 brake pads.

NOTICE:

- When replacing worn pads, the anti squeal shims must be replaced together with the pads.
- Install the pad wear indicator and anti squeal shims in the correct positions and directions.

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

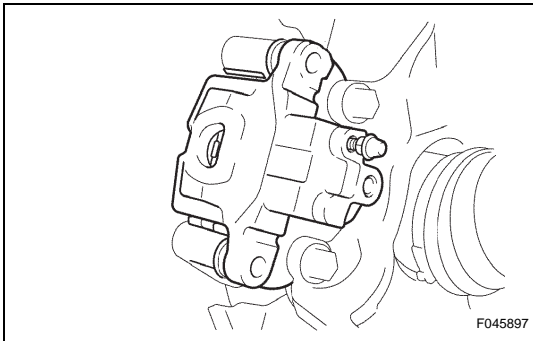
- (a) Install the 2 brake pads w/ anti squeal shims to the rear disc brake cylinder mounting LH.

NOTICE:

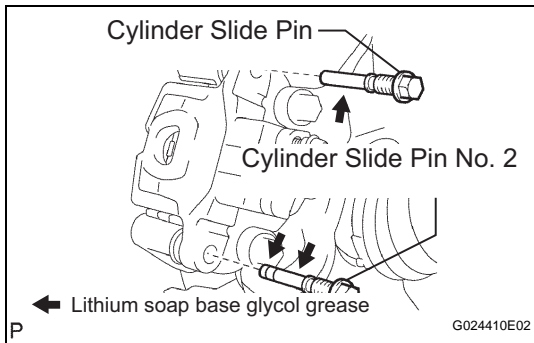
There should be no oil or grease on the friction surface of the pads and the disc.

INSTALLATION**1. INSTALL DISC BRAKE CYLINDER ASSEMBLY**

- (a) Install the rear disc brake cylinder assembly.

**2. INSTALL REAR DISC BRAKE CYLINDER SLIDE PIN**

- (a) Apply the lithium soap base glycol grease to the sliding part and the seal surface of the slide pin.
 (b) Install the rear disc brake cylinder slide pin.
 (c) Apply the lithium soap base glycol grease to the sliding part and the seal surface of the slide pin No. 2.
 (d) Install the rear disc brake cylinder slide pin No. 2 to the bottom side of the cylinder mounting LH.



- (e) Fully tighten the rear disc brake cylinder slide pin and the rear disc brake cylinder slide pin No. 2.

Torque: 43 N*m (440 kgf*cm, 32 ft.*lbf)

3. CONNECT REAR LH FLEXIBLE HOSE

- (a) Connect the flexible hose with the union bolt and a new gasket.

Torque: 29 N*m (300 kgf*cm, 21 ft.*lbf)

4. FILL RESERVOIR WITH BRAKE FLUID**HINT:**

See page [BR-14](#).

5. BLEED MASTER CYLINDER**HINT:**

See page [BR-14](#).

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6. BLEED BRAKE LINE**HINT:**

See page [BR-14](#).

7. CHECK FLUID LEVEL IN RESERVOIR**HINT:**

See page [BR-14](#).

8. CHECK BRAKE FLUID LEAKAGE**9. INSTALL REAR WHEEL**

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

