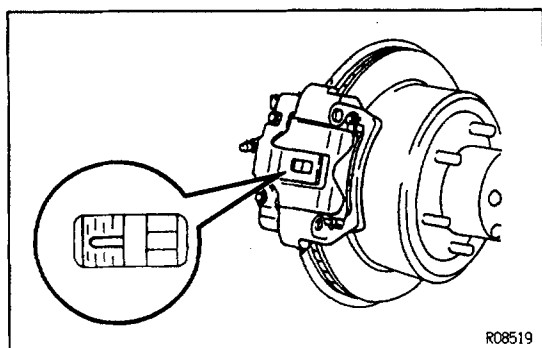
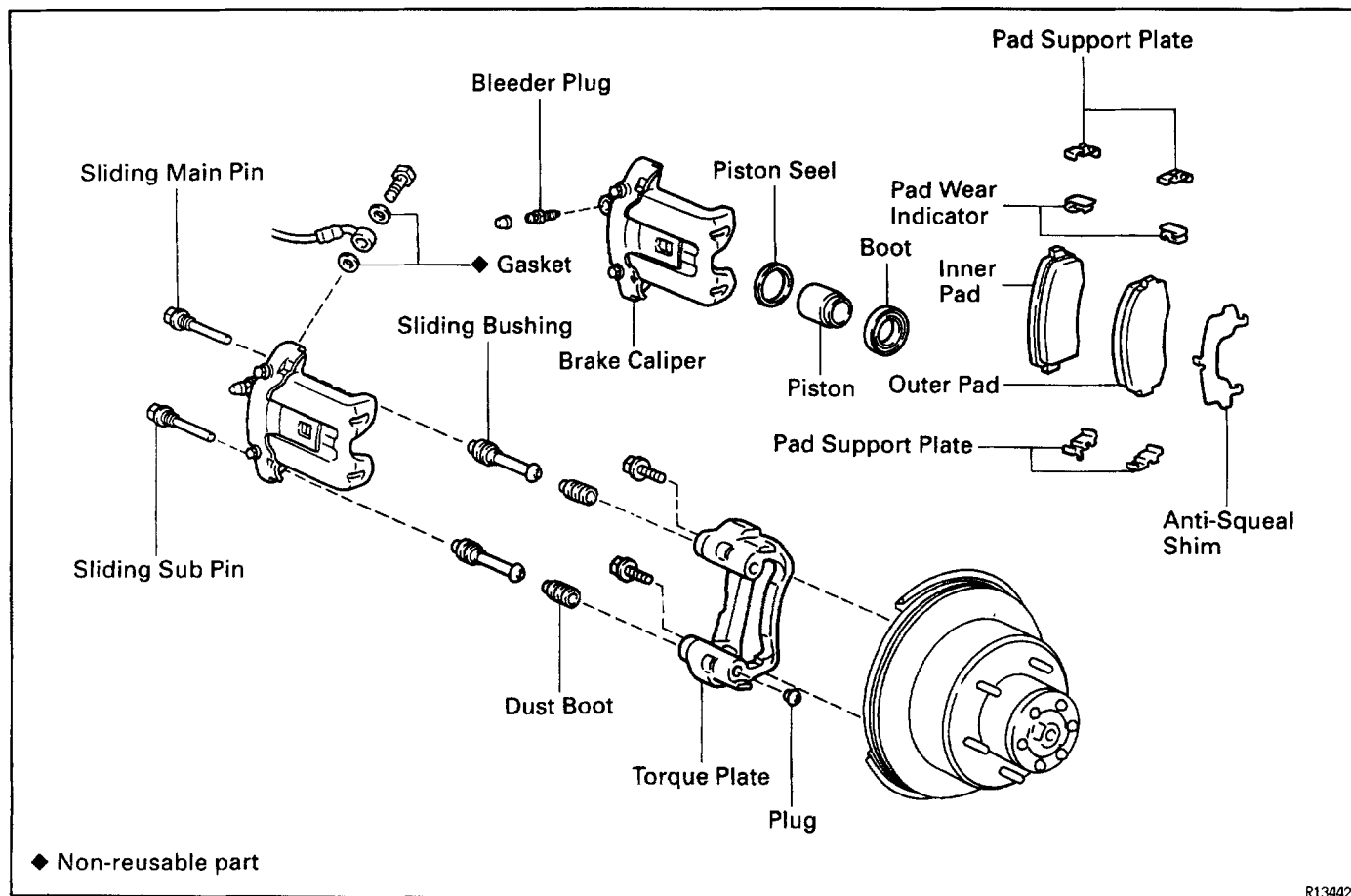


REAR BRAKE (Disc Brake) COMPONENTS



BRAKE PADS REPLACEMENT

1. REMOVE REAR WHEEL

Remove the wheel and temporarily fasten the disc with the hub nuts.

2. INSPECT PAD LINING THICKNESS

Check the pad thickness through the caliper inspection hole and replace pads if not within specification.

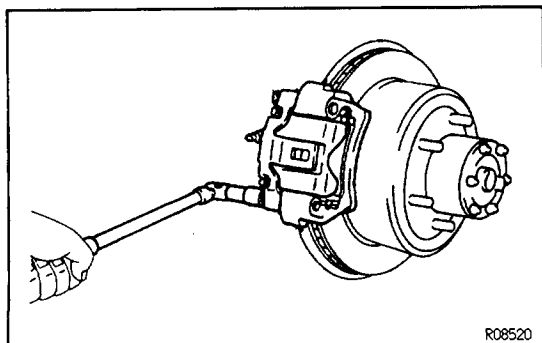
Minimum thickness:

1.0 mm (0.039 in.)

3. REMOVE BRAKE CALIPER

- Remove the sliding main pin and sliding sub pin.
- Remove the caliper and suspend it so the hose is not stretched.

HINT: Do not disconnect the flexible hose.



4. REMOVE THESE PARTS:

- (a) 2 brake pads
- (b) Anti-squeal shim
- (c) 4 pad support plates
- (d) 2 pad wear indicators

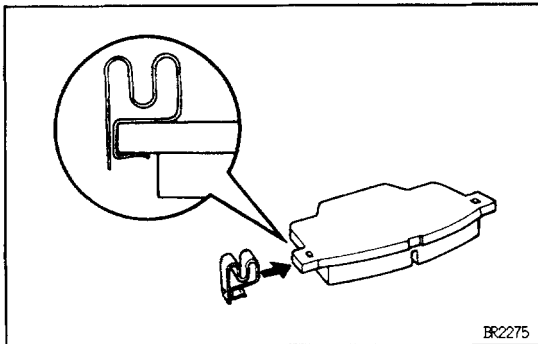
NOTICE: The pad support plates can be used again provided that they have sufficient rebound, no deformation, cracks or wear, and have had all rust, dirt and foreign particles cleaned off.

5. CHECK DISC THICKNESS AND RUNOUT

(See page [BR-22](#))

6. INSTALL PAD SUPPORT PLATES**7. INSTALL NEW PADS**

NOTICE: When replacing worn pads, the anti-squeal shim and wear indicator plate must be replaced together with the pads.

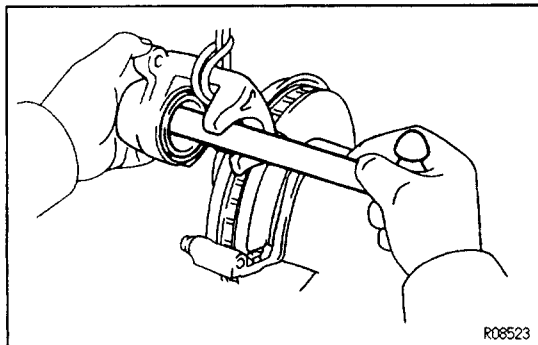


- (a) Install pad wear indicator plate to each pads.
- (b) Install the anti-squeal shim to the outer pad.
- (c) Install the 2 pads so the wear indicator plate is facing upward.

NOTICE: Do not allow oil or grease to get on the rubbing face.

8. INSTALL CALIPER

- (a) Draw out a small amount of brake fluid from reservoir.



- (b) Press in piston with a hammer handle or an equivalent.
HINT: Always change the pads on one wheel at a time as there is a possibility of the opposite piston flying out.

- (c) Install the caliper carefully so the boot is not wedged.
- (d) Install and torque the sliding main pin and sub pin.

Torque: 88 N·m (900 kgf·cm, 65 ft·lbf)

9. INSTALL FRONT WHEEL**10. CHECK THAT FLUID LEVEL IS AT MAX LINE**

CALIPER REMOVAL

Installation is in the reverse order of removal.

AFTER INSTALLATION, FILL BRAKE RESERVOIR WITH BRAKE FLUID, BLEED BRAKE SYSTEM (See page [BR-6](#)) AND CHECK FOR LEAKS.

1. DISCONNECT FLEXIBLE HOSE

- (a) Remove the union bolt and 2 gaskets from the caliper, then disconnect the flexible hose from the caliper.

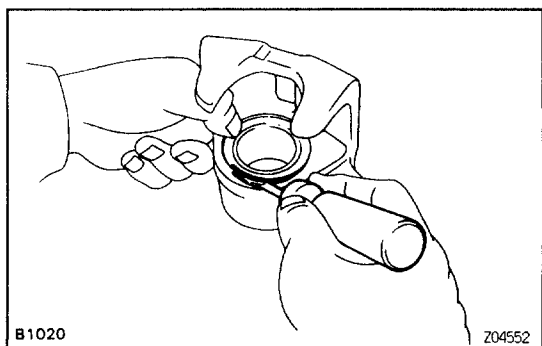
Torque: 30 N·m (310 kgf·cm, 22 ft·lbf)

- (b) Use a container to catch the brake fluid as it drains out.

2. REMOVE CALIPER

Remove the 2 sliding pins and caliper.

Torque: 88 N·m (900 kgf·cm, 65 ft·lbf)

3. REMOVE 2 PADS (See page BR-20)

B1020

Z04552

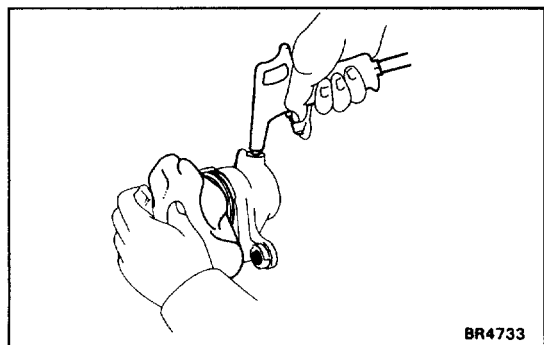
CALIPER DISASSEMBLY

Assembly is in the reverse order of disassembly.

ASSEMBLY NOTICE: Apply lithium soap base glycol grease to the parts indicated by the arrows (See page BR -19).

1. REMOVE CYLINDER BOOT

Using a screwdriver, remove the cylinder boot from the caliper.



BR4733

2. REMOVE PISTON

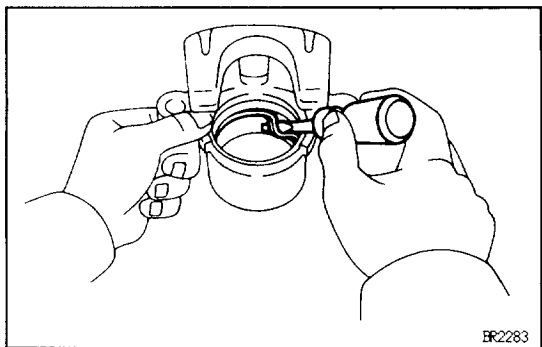
- (a) Place a piece of cloth or similar article between the piston and the caliper.

- (b) Use compressed air to remove the piston from the cylinder.

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

3. REMOVE PISTON SEAL

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

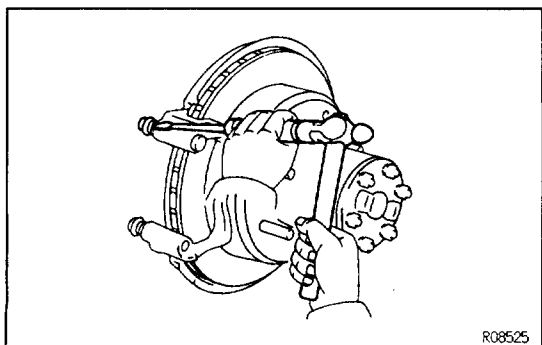


BR2283

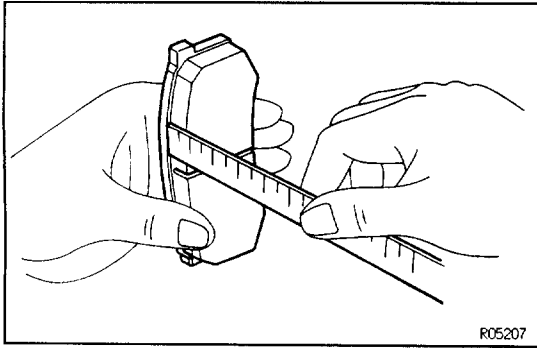
4. REMOVE PIN BOOT AND SLIDING BUSHING

Using a screwdriver and hammer, tap out pin boot and sliding bushing.

HINT: Tape the screwdriver tip before use.



R08525



REAR DISC BRAKE COMPONENTS INSPECTION AND REPAIR

1. MEASURE 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.)

Replace the pad if the pad's thickness is at the minimum thickness or less, or if the pad has severely uneven wear.

2. MEASURE DISC THICKNESS

Using a micrometer, measure the disc thickness.

Standard thickness:

18.0 mm (0.630 in.)

Minimum thickness:

16.0 mm (0.709 in.)

Replace the disc if the thickness of the disc is at the minimum thickness or less. Replace the disc or grind it on a lathe if it is scored or is worn unevenly.

3. MEASURE DISC RUNOUT

Measure the disc runout at 10 mm (0.39 in.) from the outer edge of the disc.

Maximum disc runout:

0.15 mm (0.0059 in.)

If the runout is greater than the maximum, replace the disc.

HINT: Before measuring the runout, confirm that the hub bearing play is within specification.

4. IF NECESSARY, REPLACE DISC

- Remove the torque plate.
- Remove the hub nuts of the temporarily installed disc and pull off the disc.
- Install a new disc and loosely install the hub nuts.
- Install the torque plate and tighten the mounting bolts.

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

