

7. Rear Disc Brake Assembly

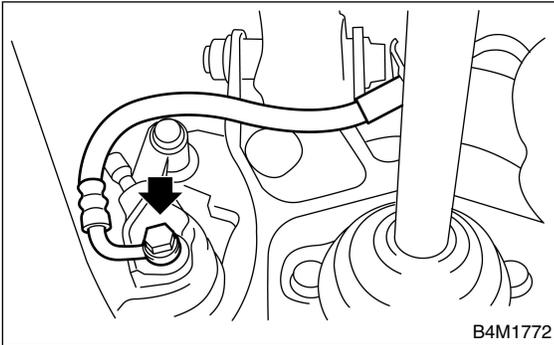
S405172

A: REMOVAL S405172A18

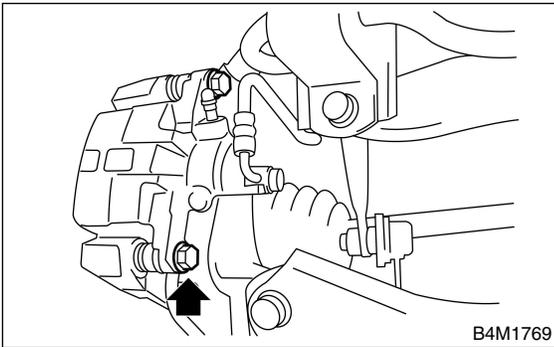
- 1) Lift-up vehicle and remove wheels.
- 2) Disconnect brake hose from caliper body assembly.

CAUTION:

Do not spill brake fluid on painted surface. Wash it off immediately.



- 3) Remove bolt securing lock pin to caliper body.



- 4) Raise caliper body and move it toward vehicle center to separate it from support.
- 5) Remove support from back plate.

NOTE:

Remove support only when replacing it or the rotor. It need not be removed when servicing caliper body assembly.

- 6) Clean mud and foreign particles from caliper body assembly and support.

CAUTION:

Be careful not to allow foreign particles to enter inlet (at brake hose connector).

B: INSTALLATION S405172A11

- 1) Install disc rotor on hub.
- 2) Install support on back plate.

Tightening torque:

78 N·m (8.0 kgf-m, 58 ft-lb)

CAUTION:

- Always replace the pads for both the left and right wheels at the same time. Also replace pad clips if they are twisted or worn.
- A wear indicator is provided on the inner disc brake pad. If the pad wears down to such an extent that the end of the wear indicator contacts the disc rotor, a squeaking sound is produced as the wheel rotates. If this sound is heard, replace the pad.
- Replace pads if there is oil or grease on them.

- 3) Apply thin coat of Molykote AS880N (Part No. 26298AC000) to the frictional portion between pad and pad clip.

CAUTION:

Do not allow oil or grease to adhere to the sliding surface of pad and disc rotor.

- 4) Install pads on support.
- 5) Install caliper body on support.

Tightening torque:

39 N·m (4.0 kgf-m, 28.9 ft-lb)

- 6) Connect brake hose.

Tightening torque:

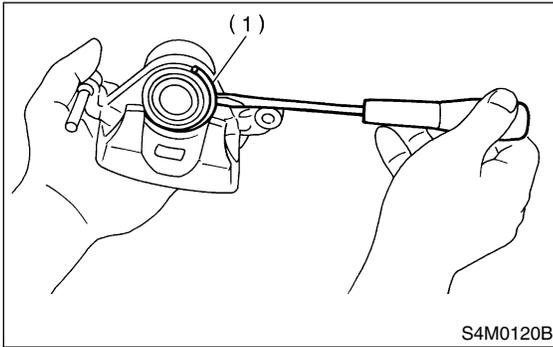
18 N·m (1.8 kgf-m, 13.0 ft-lb)

CAUTION:

- The brake hose must be connected without any twist.
 - Replace brake hose gaskets with new ones.
- 7) Bleed air from brake system. <Ref. to BR-36, Air Bleeding.>

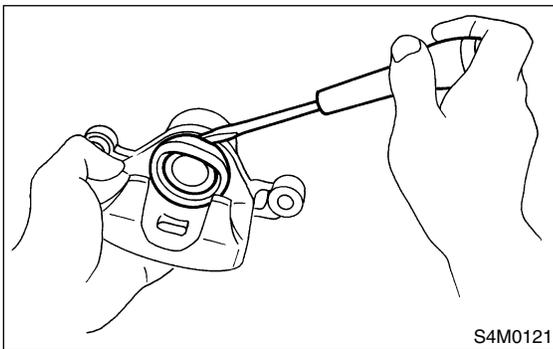
C: DISASSEMBLY S405172A06

1) Remove the boot ring.



(1) Boot ring

2) Remove the piston boot.

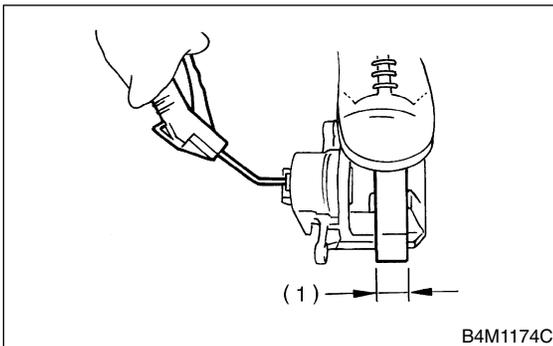


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3) Gradually supply compressed air via inlet of caliper body to force piston out.

CAUTION:

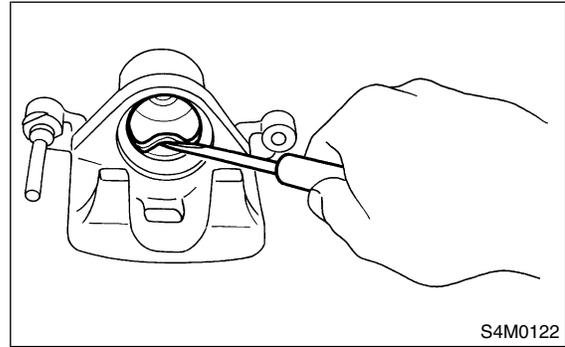
- Place a wooden block as shown in Figure to prevent damage to piston.
- Do not apply excessively high-pressure.



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(1) Place a 30 mm (1.18 in) wide wooden block here.

4) Remove piston seal from caliper body cylinder.



S4M0122

5) Remove lock pin sleeve and boot from caliper body.

6) Remove guide pin boot.

REAR DISC BRAKE ASSEMBLY

Brake

D: ASSEMBLY S405172A02

- 1) Clean caliper body interior using brake fluid.
- 2) Apply a coat of brake fluid to piston seal and fit piston seal in groove on caliper body.
- 3) Apply a coat of brake fluid to the entire inner surface of cylinder and outer surface of piston.
- 4) Insert piston into cylinder.

CAUTION:

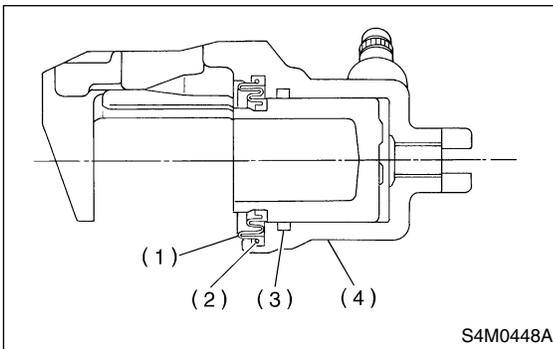
Do not force piston into cylinder.

- 5) Apply a coat of specified grease to boot and fit in groove on ends of cylinder and piston.

Grease:

NIGLUBE RX-2 (Part No. 003606000)

- 6) Install the piston boot to the caliper body, and attach boot ring.

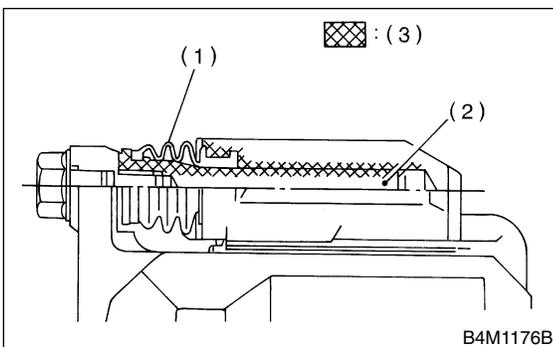


- (1) Piston boot
- (2) Boot ring
- (3) Piston seal
- (4) Caliper body

- 7) Apply a coat of specified grease to guide pin, outer surface, sleeve outer surface, cylinder inner surface, and boot grooves.

Grease:

NIGLUBE RX-2 (Part No. 003606000)



- (1) Pin boot
- (2) Lock pin or guide pin
- (3) Apply grease.

- 8) Install guide pin boot on caliper body.
- 9) Install lock pin boot on caliper body and insert lock pin sleeve into place.

E: INSPECTION S405172A10

- 1) Repair or replace faulty parts.
- 2) Check caliper body and piston for uneven wear, damage or rust.
- 3) Check rubber parts for damage or deterioration.