

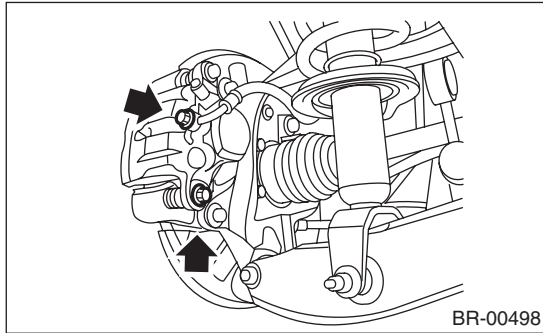
7. Rear Disc Brake Assembly

A: REMOVAL

CAUTION:

Do not allow brake fluid to come in contact with vehicle body. If it does, wash off with water and wipe away completely.

- 1) Lift-up the vehicle, and then remove the rear wheels.
- 2) Disconnect the brake hose from caliper body assembly.
- 3) Remove the caliper lower bolt.



- 4) Raise the caliper body, and then move it toward vehicle center to separate it from the support.
- 5) Remove the support from housing.

NOTE:

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

- 6) Remove mud and foreign matter from the caliper body assembly and support.

CAUTION:

Be careful not to allow foreign matter to enter the brake hose connector.

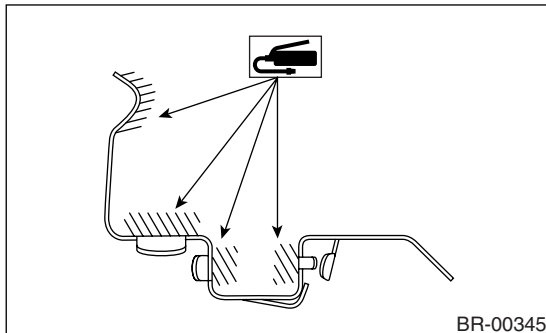
B: INSTALLATION

- 1) Install the support to the housing.

Tightening torque:

66 N·m (6.7 kgf-m, 48.7 ft-lb)

- 2) Apply a thin coat of Molykote M7439 to the pad clip.



- 3) Apply a thin coat of Molykote AS880N (Part No. K0777YA010) to the contact surface between the pad and shim.

- 4) Install the pad to support.

- 5) Install the caliper body to the support.

Tightening torque:

27 N·m (2.8 kgf-m, 19.9 ft-lb)

- 6) Connect the brake hose using a new brake hose gasket.

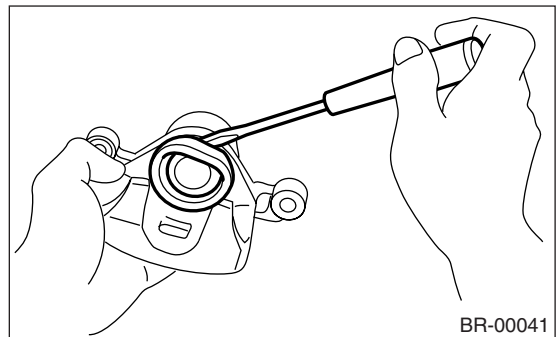
Tightening torque:

18 N·m (1.8 kgf-m, 13.0 ft-lb)

- 7) Bleed air from the brake system.

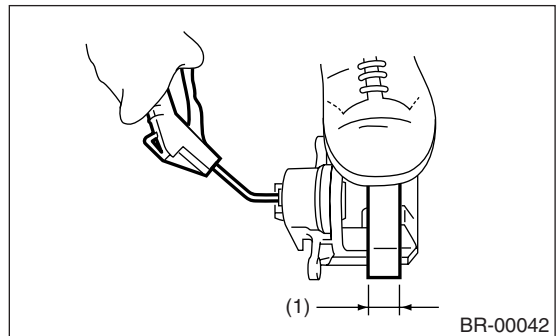
C: DISASSEMBLY

- 1) Remove the piston boot.



- 2) Place a wooden block in the caliper body as shown in the figure to prevent the piston from jumping out and being damaged.

- 3) Gradually apply compressed air via the brake hose installation hole to push the piston out.

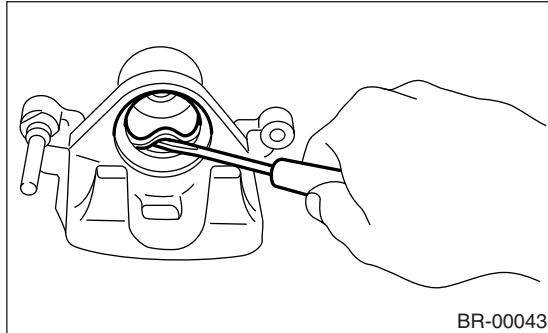


- (1) Place a wood block of 30 mm (1.18 in) width.

- 4) Remove the piston seal from caliper body cylinder.

CAUTION:

Do not damage the cylinder and piston seal groove.



- 5) Remove the lock pin sleeve and boot from caliper body.
6) Remove the guide pin boot.

D: ASSEMBLY

- 1) Clean the inside of the caliper body using brake fluid.
- 2) Apply a coat of brake fluid to piston seal and install piston seal in the groove on caliper body.
- 3) Apply a coat of brake fluid to the inner surface of cylinder and the entire outer surface of the piston.
- 4) Apply a coat of specified grease to the boot and fit to the groove on the ends of cylinder.

Grease:

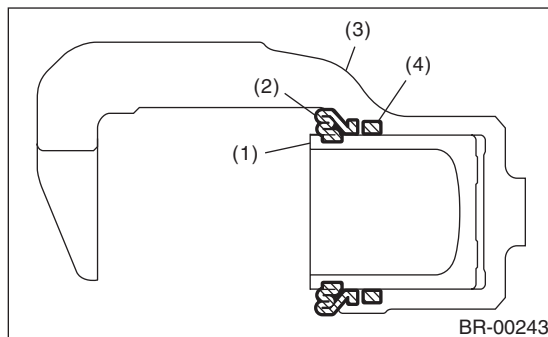
NIGLUBE RX-2 (Part No. K0779GA102)

- 5) Insert the piston into cylinder.

CAUTION:

Do not force the piston into cylinder.

- 6) Position the boot in the grooves on piston and cylinder.

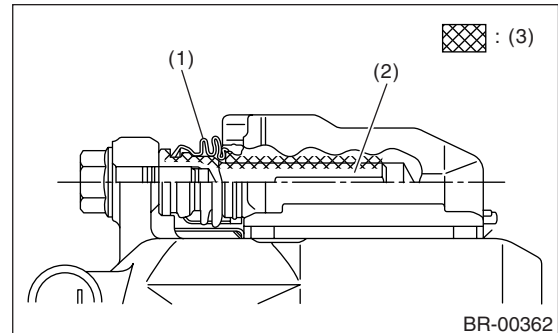


- (1) Piston
- (2) Piston boot
- (3) Caliper body
- (4) Piston seal

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

Grease:

NIGLUBE RX-2 (Part No. K0779GA102)



- (1) Pin boot
- (2) Lock pin or guide pin
- (3) Grease applied area

- 8) Install the guide pin boot to the support.
9) Install the lock pin boot to support, and then insert the lock pin sleeve into the specified position.

E: INSPECTION

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