

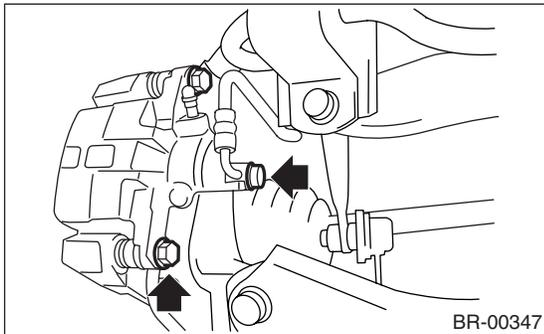
## 7. Rear Disc Brake Assembly

### A: REMOVAL

**CAUTION:**

Do not allow brake fluid to come in contact with vehicle body; wash away with water and wipe off completely if spilled.

- 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 bolts.



- 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 itself or rotor. It need not be removed when servicing the caliper body assembly.

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

**CAUTION:**

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

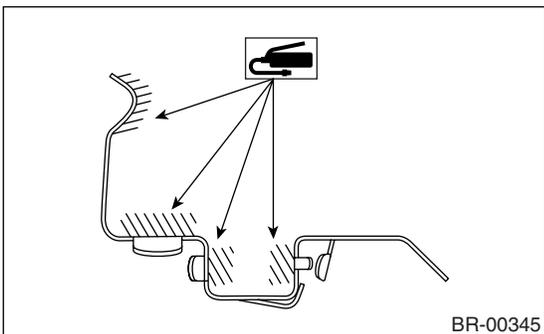
### B: INSTALLATION

- 1) Install the support on housing.

**Tightening torque:**

**53 N·m (5.4 kgf·m, 39.1 ft·lb)**

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



- 3) Apply a thin coat of Molykote AS880N (Part No. K0777YA010) to the frictional portion between pad and shim.
- 4) Install the pad on support.
- 5) Install the caliper body on support.

**Tightening torque:**

**Solid disc brake model**

**27 N·m (2.8 kgf·m, 19.9 ft·lb)**

**Ventilated disc brake model**

**37 N·m (3.7 kgf·m, 27.2 ft·lb)**

- 6) Connect the brake hose using new brake hose gaskets.

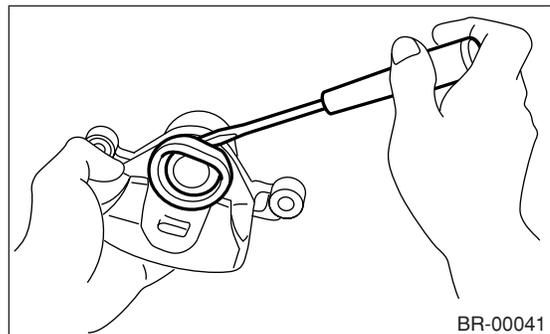
**Tightening torque:**

**18 N·m (1.8 kgf·m, 13.0 ft·lb)**

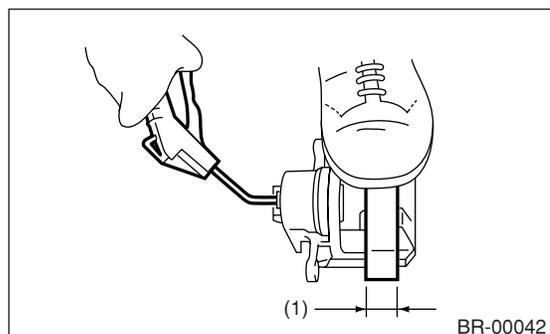
- 7) Bleed air from the brake system.

### C: DISASSEMBLY

- 1) Remove the piston boot.



- 2) Place a wooden block in caliper body as shown in the figure to prevent the piston from jumping out and avoid being damaged.
- 3) Gradually supply compressed air via installation hole of brake hose to force the piston out.



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

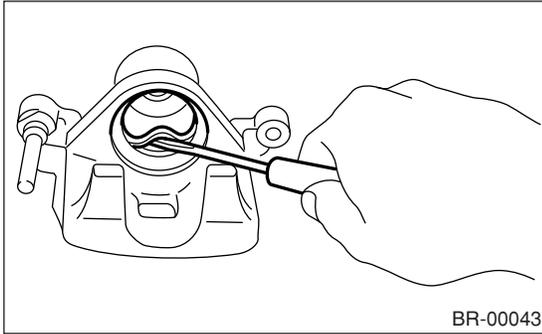
- 4) Remove the piston seal from caliper body cylinder.

# Rear Disc Brake Assembly

BRAKE

## 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 caliper body interior using brake fluid.
- 2) Apply a coat of brake fluid to the 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) Apply a coat of specified grease to the boot and fit in to the groove on the ends of cylinder.

### Grease:

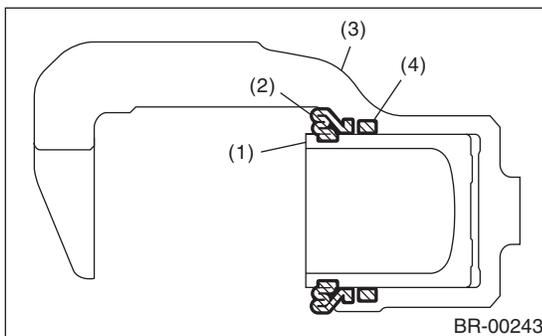
**NIGLUBE RX-2 (Part No. K0779GA102)**

- 5) Insert the piston into cylinder.

## CAUTION:

Do not force the piston into cylinder.

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

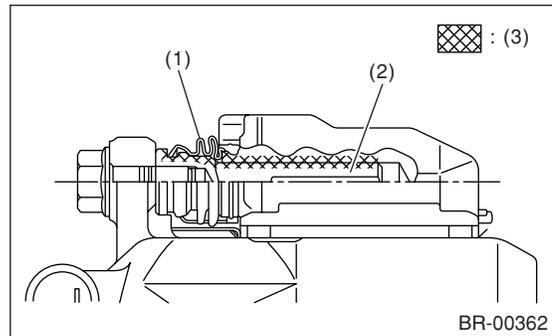


- (1) Piston
- (2) Piston boot
- (3) Caliper body
- (4) Piston seal

- 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) Apply grease.

- 8) Install the guide pin boot on support.

- 9) Install the lock pin boot on support, and then insert the lock pin sleeve into specified point.

## 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.