

Rear Drum Brake Assembly

BRAKE

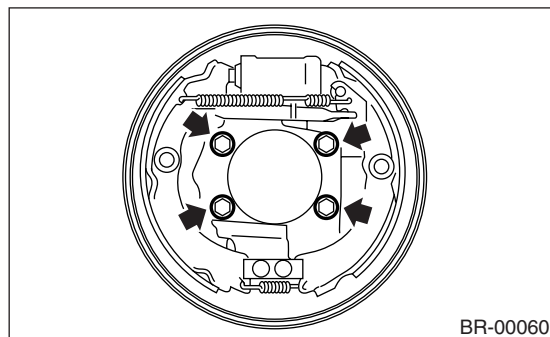
10. Rear Drum Brake Assembly

A: REMOVAL

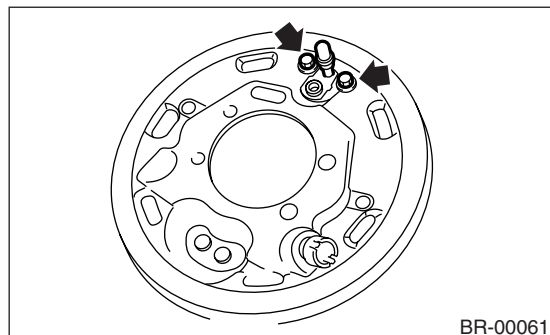
CAUTION:

Do not let brake fluid come into contact with the painted surface of the vehicle body. Completely wash away with water immediately and wipe off if it was accidental.

- 1) Set the vehicle on a lift.
- 2) Loosen the wheel nuts.
- 3) Lift-up the vehicle, and then remove the rear wheels.
- 4) Release the parking brake.
- 5) Remove the brake drum from brake assembly. <Ref. to BR-29, REMOVAL, Rear Drum Brake Drum.>
- 6) Remove the brake shoe. <Ref. to BR-26, REMOVAL, Rear Drum Brake Shoe.>
- 7) Disconnect the brake hose. <Ref. to BR-45, REAR BRAKE HOSE (DRUM BRAKE), REMOVAL, Brake Hose.>
- 8) Remove the hub. <Ref. to DS-22, REMOVAL, Rear Axle.>
- 9) Disconnect the ABS wheel speed sensor from the back plate.
- 10) Remove the rear drum brake assembly.



- 11) Remove the bolts holding the wheel cylinder assembly on the back plate, and remove the wheel cylinder assembly.

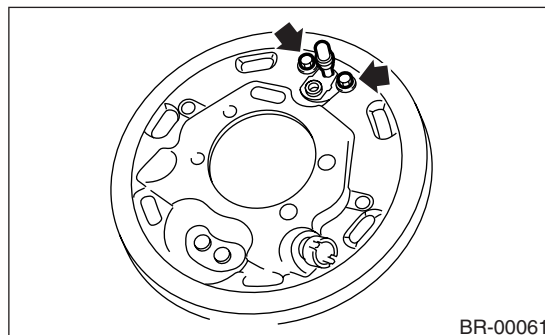


B: INSTALLATION

- 1) Clean the back plate and wheel cylinder assembly.
- 2) Install the wheel cylinder assembly on the back plate, and tighten bolts.

Tightening torque:

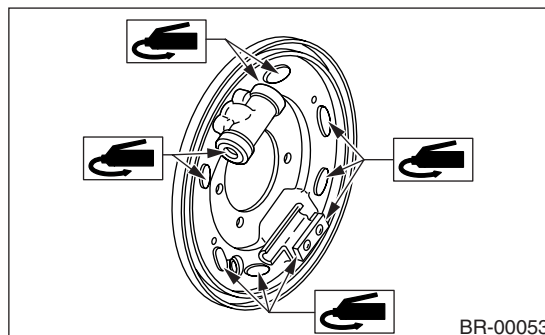
10 N·m (1.0 kgf-m, 7.2 ft-lb)



- 3) Apply grease to the portions indicated by arrows in the figure.

Brake grease:

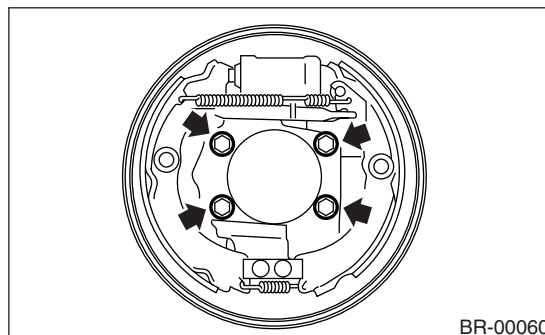
Dow Corning Molykote No. 7439 (Part No. 003602001)



- 4) Install the brake assembly on housing, and tighten the bolts to install back plate.

Tightening torque:

52 N·m (5.3 kgf-m, 38.3 ft-lb)



- 5) Install the hub. <Ref. to DS-25, INSTALLATION, Rear Axle.>

6) Connect the brake hose, and tighten the brake hose flange nut.

Tightening torque:

18 N·m (1.8 kgf-m, 13.0 ft-lb)

CAUTION:

When connecting the brake hose, do not twist it.

7) Install the ABS wheel speed sensor on the back plate.

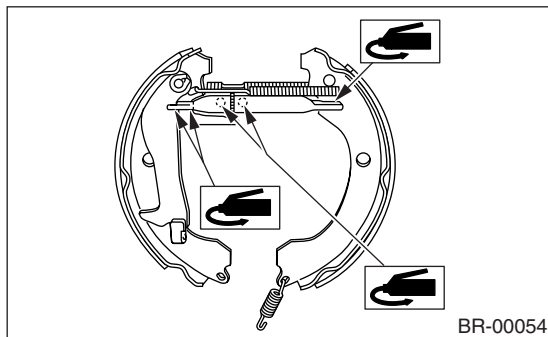
Tightening torque:

32 N·m (3.3 kgf-m, 23.6 ft-lb)

8) Apply grease to the adjusting screw and both ends of adjuster.

Brake grease:

Dow Corning Molykote No. 7439 (Part No. 003602001)



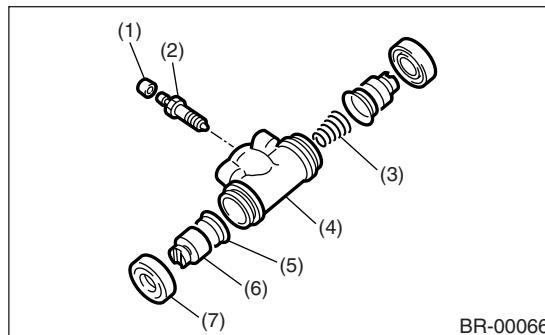
9) Install the brake shoe. <Ref. to BR-27, INSTALLATION, Rear Drum Brake Shoe.>

10) Install the brake drum. <Ref. to BR-29, INSTALLATION, Rear Drum Brake Drum.>

11) After installing rear drum brake assembly, bleed air from brake line. <Ref. to BR-43, Air Bleeding.>

C: DISASSEMBLY

1) Remove the right and left dust boots from the wheel cylinder.



- (1) Air bleeder cap
- (2) Air bleeder screw
- (3) Spring
- (4) Wheel cylinder body
- (5) Cup
- (6) Piston
- (7) Dust boots

2) Remove the piston, cup, spring and air bleeder screw and cap.

D: ASSEMBLY

1) Clean all parts with brake fluid. Check and replace faulty parts.

- Cup and boot damage or fatigue
- Wheel cylinder body, piston and spring damage or rust

2) Assemble in the reverse order of disassembly.

- (1) When attaching the cup, use the ST and apply brake fluid to the sliding surfaces to make installation smoother. Be careful of the direction of the cup at this time.

- (2) The ST is available in different sizes.

CAUTION:

When replacing with the repair kit, make sure that the sizes of wheel cylinder body and cup are the same as those being replaced.

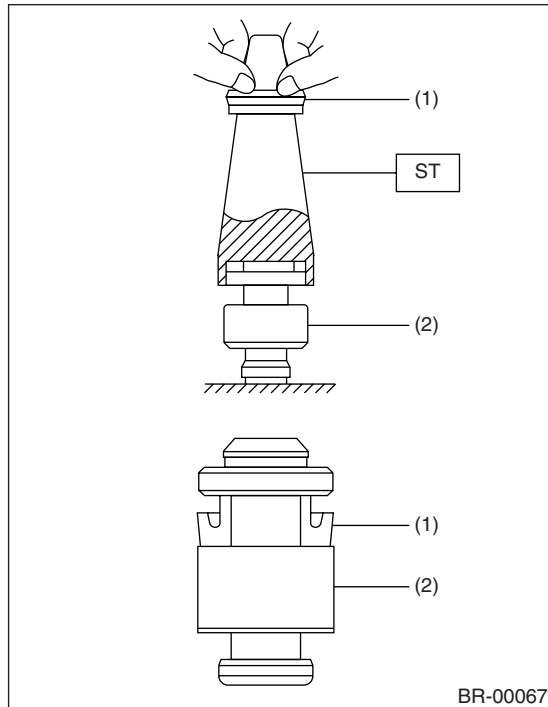
ST: ADAPTER	
Size	Part No.
19 mm (3/4 in)	926460000

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CAUTION:

When assembling, be careful that the wheel cylinder does not become scratched, and that no dust enters.



- (1) Cup
- (2) Piston

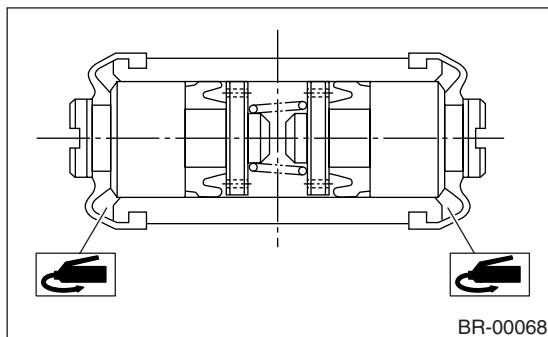
3) Apply rubber grease to the boot inside as shown in figure.

CAUTION:

Never use brake grease.

Grease:

NIGLUBE RX-2 (Part No. K0779GA102)



E: INSPECTION

If the deformation or wear of back plate, shoe, etc. are severe, replace them.