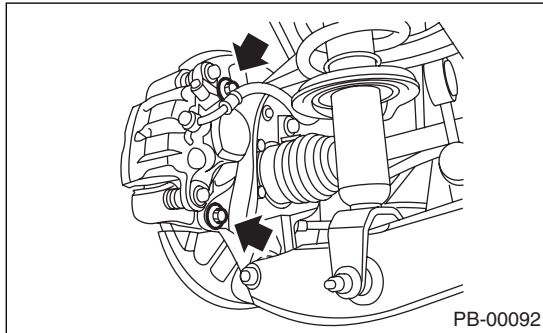


## 4. Parking Brake Assembly (Rear Disc Brake)

### A: REMOVAL

- 1) Release the parking brake.
- 2) Lift-up the vehicle, and then remove the rear wheels.
- 3) Remove the two mounting bolts and remove the disc brake caliper assembly.

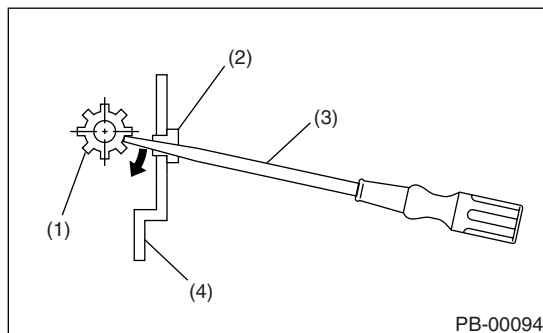


- 4) Suspend the rear disk brake caliper assembly so that the brake hose is not stretched.
- 5) Remove the rear disk brake rotor.

#### NOTE:

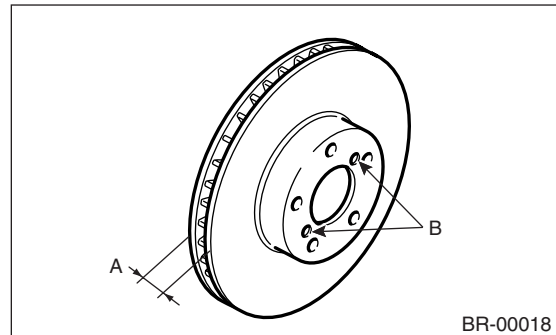
If the disc rotor is difficult to remove, try the following two methods in order.

- (1) Turn the adjusting screw using a flat tip screwdriver until the brake shoe moves adequately away from the disc rotor.

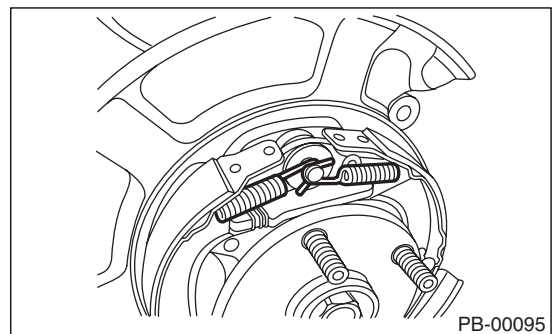


- (1) Adjuster
- (2) Adjusting hole cover (rubber)
- (3) Flat tip screwdriver
- (4) Disc rotor

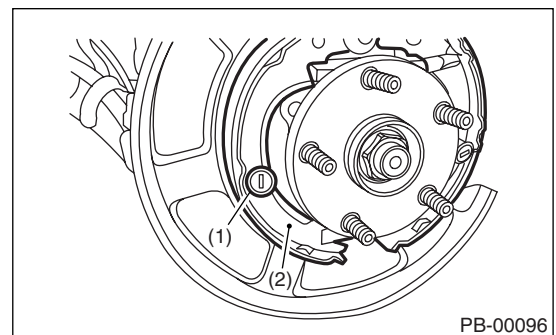
- (2) If disc rotor is seized up on the hub, drive the disc rotor out by pushing two 8-mm bolts in holes B on the rotor.



- 6) Remove the shoe return spring.



- 7) Remove the brake shoe cup and brake shoe spring, then remove the primary brake shoe.



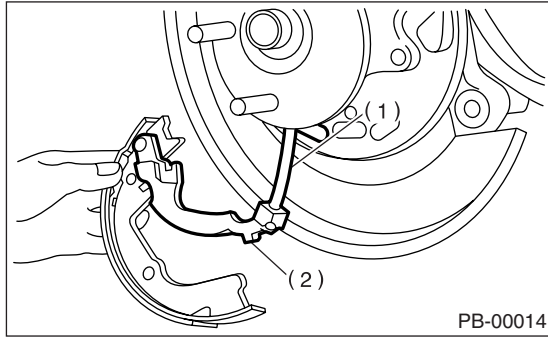
- (1) Brake shoe cup
- (2) Primary brake shoe

- 8) Remove the strut and strut spring.
- 9) Remove the adjuster assembly.
- 10) Remove the brake shoe cup and brake shoe spring, then remove the secondary brake shoe.

# Parking Brake Assembly (Rear Disc Brake)

## PARKING BRAKE

11) Remove the parking brake cable from lever.



- (1) Parking brake cable
- (2) Lever

12) Remove the retainer from the secondary side brake shoe. Remove the parking lever and washer from brake shoe.

## B: INSTALLATION

### CAUTION:

**Be sure the lining surface is free from oil and grease.**

1) Apply brake grease to the following locations.

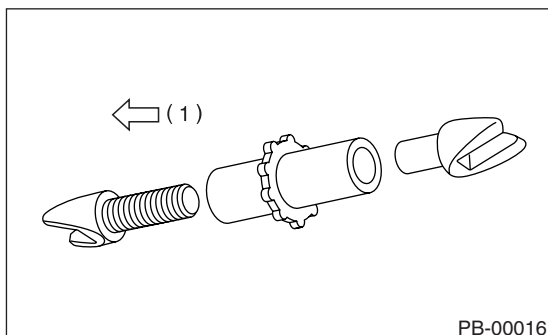
### Brake grease:

**Brake Grease (Part No. 003602002)**

- Six contact surfaces of brake shoe rim and back plate gasket
  - Contact surface of the brake shoe and the anchor pin
  - Contact surface of the lever and strut
  - Contact surface of the brake shoe and the adjuster assembly
  - Contact surface of the brake shoe and the strut
  - Contact surface of the lever and brake shoe
- 2) Install in the reverse order of removal.

### NOTE:

- Install the strut spring of both right and left wheel facing vehicle front.
- Install the adjuster assembly so that the screw section will be towards the rear of the vehicle.



- (1) LH

3) Adjust the parking brake. <Ref. to PB-9, ADJUSTMENT, Parking Brake Assembly (Rear Disc Brake).>

4) Drive the vehicle to break-in the parking brake lining.

- (1) Drive the vehicle at about 35 km/h (22 MPH).
- (2) lightly step on the parking brake pedal.
- (3) Drive the vehicle for about 200 m (0.12 mile) in this condition.
- (4) Wait 5 to 10 minutes for the parking brake to cool down. Repeat again from step (1).
- (5) After breaking-in, re-adjust the parking brakes.

## C: INSPECTION

1) Measure the brake disc rotor inside diameter. If the disc is scored or worn, replace the brake disc rotor.

### Disc rotor inside diameter:

#### Standard:

**210 mm (8.27 in)**

#### Service limit:

**211 mm (8.31 in)**

2) Measure the lining thickness. If it exceeds the limit, replace shoe assembly.

### Lining thickness:

#### Standard:

**4.0 mm (0.157 in)**

#### Service limit:

**1.5 mm (0.059 in)**

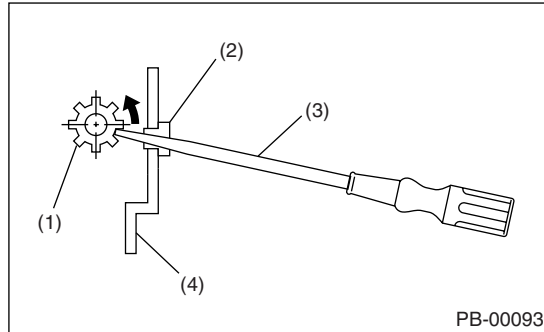
### NOTE:

Replace the right and left brake shoe as a set.

## D: ADJUSTMENT

### 1. SHOE CLEARANCE

- 1) Return the parking brake lever fully.
- 2) Remove the adjusting hole cover from the disk rotor.
- 3) Turn the adjusting screw using a flat tip screwdriver until the brake shoe is in close contact with the disc rotor.



- (1) Adjusting screw
- (2) Adjusting hole cover (rubber)
- (3) Flat tip screwdriver
- (4) Disc rotor

- 4) Turn back (downward) the adjusting screw 3 to 4 notches.

### CAUTION:

**Check there is no brake drag.**

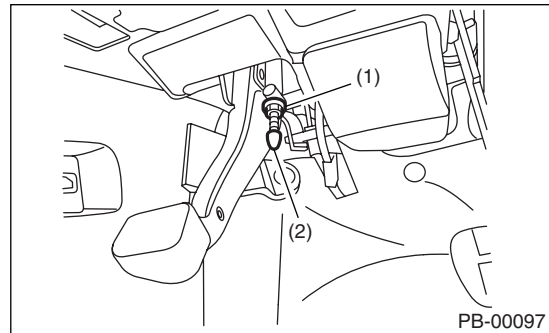
- 5) Install the adjusting hole cover to the disk rotor.
- 6) Adjust the parking brake pedal stroke. <Ref. to PB-9, PEDAL STROKE, ADJUSTMENT, Parking Brake Assembly (Rear Disc Brake).>

### 2. PEDAL STROKE

- 1) Adjust the shoe clearance before adjusting pedal stroke. <Ref. to PB-9, SHOE CLEARANCE, ADJUSTMENT, Parking Brake Assembly (Rear Disc Brake).>
- 2) Operate the parking brake pedal 3 to 4 times.
- 3) Remove the adjuster cap from the parking brake pedal.
- 4) Turn the adjusting nut until the pedal stroke is at the specified value.

#### **Pedal stroke:**

**When stepped on with a force of 300 N (30.6 kgf, 67 lb): 5-6 notches**



- (1) Adjusting nut (Self-locking nut)
- (2) Adjuster cap

- 5) Check there is no brake drag.
- 6) Install the adjuster cap.