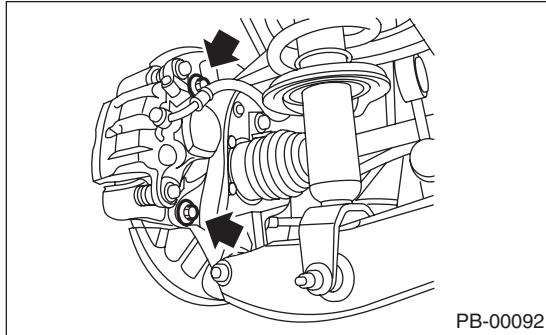


## 4. Parking Brake Assembly (Rear Disc Brake)

### 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.

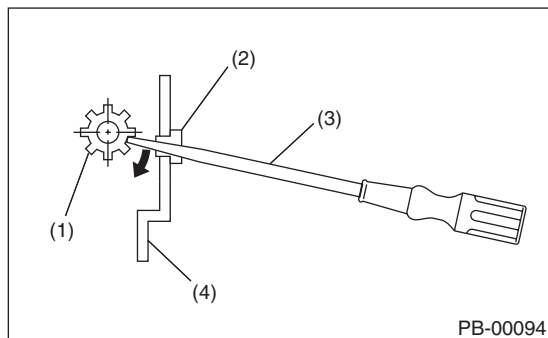


- 4) Suspend the rear disc brake caliper assembly so that the brake hose is not stretched.
- 5) Remove the rear disc brake rotor.

#### NOTE:

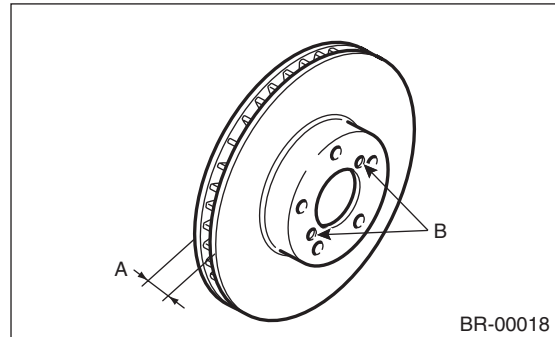
If the disc rotor is difficult to remove, try the following two methods in order.

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

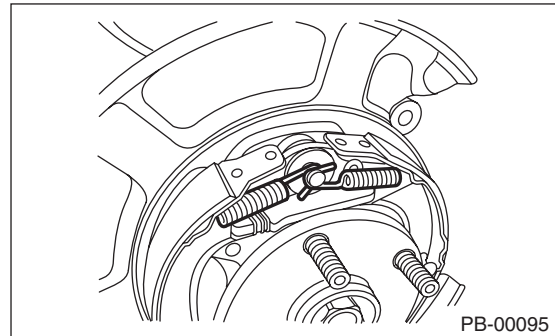


- (1) Adjuster
- (2) Adjusting hole cover (rubber)
- (3) Flat tip screwdriver
- (4) Disc rotor

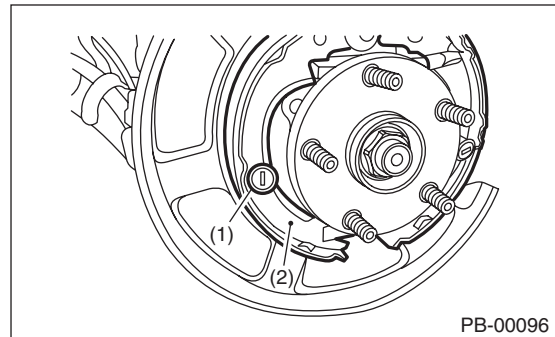
- (2) If disc rotor is seized up on the hub, drive the disc rotor out by pushing two 8-mm bolts in holes B on the rotor.



- 6) Remove the shoe return spring.



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



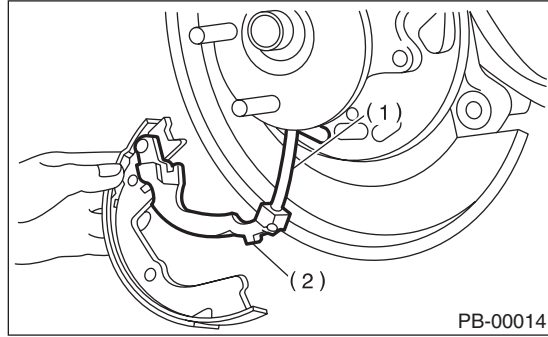
- (1) Brake shoe cup
- (2) Primary brake shoe

- 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

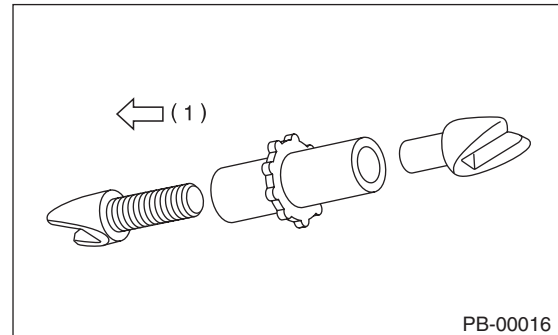
2) Install the parking lever to the secondary side brake shoe, then clamp and lock the retainer securely.

3) Attach the parking brake cable to the parking brake lever.

4) Attach the adjuster assembly and adjusting spring to the brake shoe.

### NOTE:

Install the adjuster assembly so that the screw section will be towards the rear of the vehicle.



- (1) Rearward

5) Check the parking brake cable is not fallen from the cable guide.

6) Install the brake shoe to the back plate using shoe hold pins, brake shoe spring and brake shoe cup.

7) Install the strut and strut spring to the brake shoe.

### NOTE:

Install the strut spring so that it is placed on the front of vehicle.

8) Install the primary side return spring, then the secondary side return spring.

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

10) When replacing with a new brake shoe, 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)**

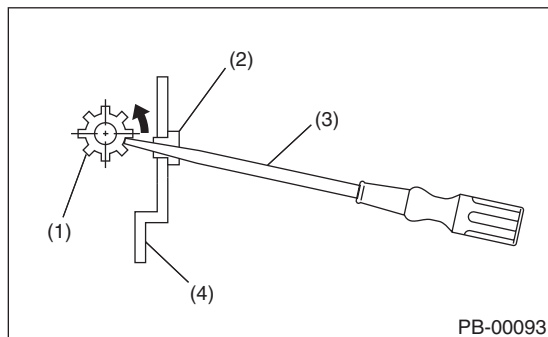
### **NOTE:**

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 disc 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.**

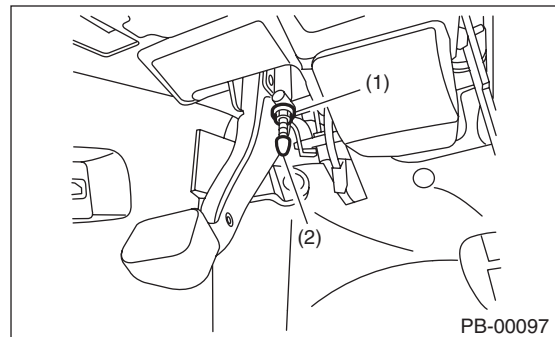
- 5) Install the adjusting hole cover to the disc rotor.
- 6) Adjust the parking brake pedal stroke. <Ref. to PB-9, PEDAL STROKE, ADJUSTMENT, Parking Brake Assembly (Rear Disc Brake).>

## 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.