

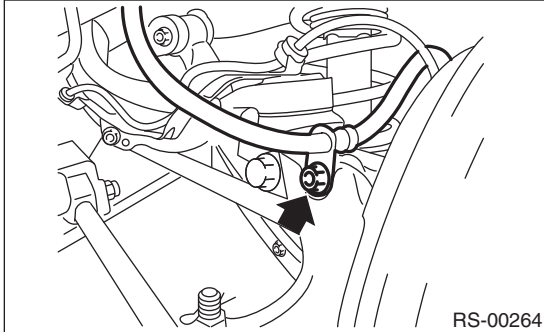
Parking Brake Assembly (Rear Disc Brake)

PARKING BRAKE

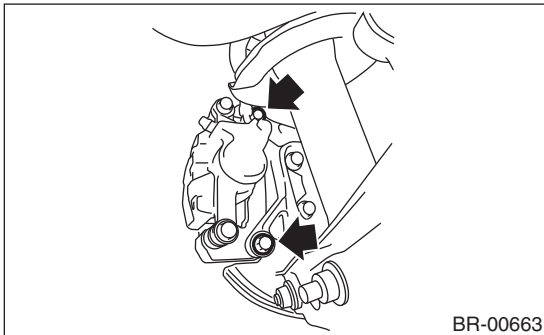
4. Parking Brake Assembly (Rear Disc Brake)

A: REMOVAL

- 1) Release the parking brake.
- 2) Lift up the vehicle, and then remove the rear wheels.
- 3) Remove the brake hose bracket.



- 4) Remove the two mounting bolts and remove the rear disc brake caliper.

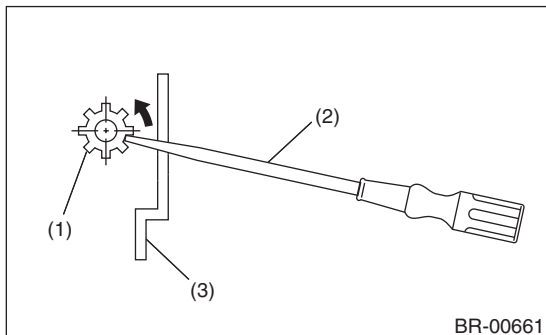


- 5) Suspend the rear disc brake caliper so that the brake hose is not stretched.
- 6) Remove the rear disc brake rotor.

NOTE:

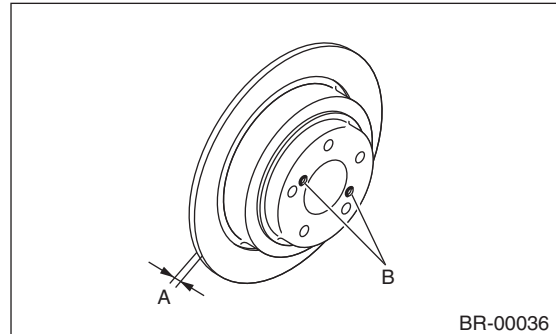
If the disc rotor is difficult to remove, try the following two methods in order.

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

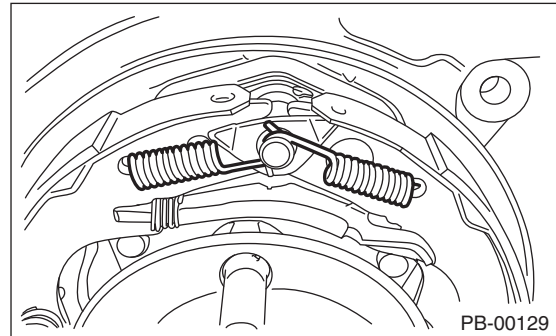


- (1) Adjuster
- (2) Flat tip screwdriver
- (3) Disc rotor

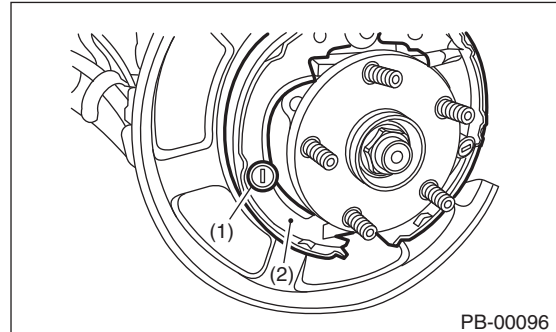
- (2) If disc rotor is seized on the hub, drive the disc rotor out by pushing two 8 mm bolts in holes B on the rotor.



- 7) Remove the shoe return spring.



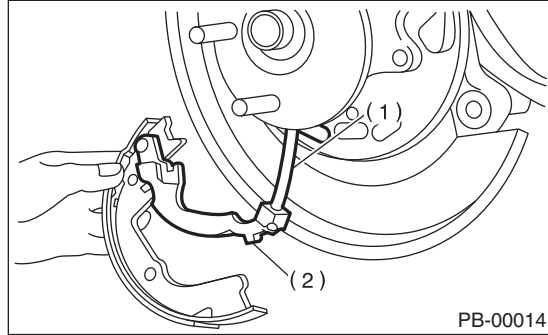
- 8) Remove the brake shoe cup and brake shoe spring, and remove the primary brake shoe.



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

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

12) Remove the parking brake cable from lever.



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

13) Remove a retainer from the secondary side brake shoe. Remove the lever from the brake shoe.

B: INSTALLATION

CAUTION:

Be sure the lining surface is free from brake fluid and grease.

1) Apply brake grease to the following locations.

Brake grease:

Brake Grease (Part No. 003602002)

- Six contact surfaces of the brake shoe rim and back plate gasket
- Contact surface of the brake shoe and the anchor pin
- Contact surface of the parking brake lever and strut
- Contact surface of the brake shoe and the adjuster
- Contact surface of the brake shoe and strut
- Contact surface of lever and brake shoe

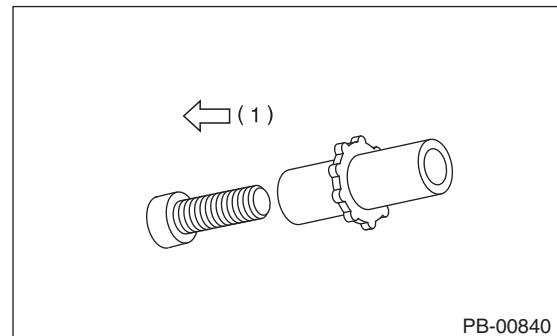
2) Install the wave washer and lever to the secondary side brake shoe pin, and lock the retainer securely.

3) Install the parking brake cable to the lever.

4) Install the adjuster and adjusting spring to the brake shoe.

NOTE:

Install the adjuster with screw section in the direction shown below.



- (1) For left wheels, facing the front side of vehicle, for right wheels, facing the rear side of vehicle

5) Check that the parking brake cable does not fall from the cable guide.

6) Install the brake shoes to the back plate with shoe hold pins, brake shoe springs, and brake shoe cups.

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

NOTE:

Install the strut springs on the front side of the vehicle.

8) Install the return springs; first the primary side (blue) then the secondary side (yellow).

9) Install the brake disc rotor and the brake caliper.

Parking Brake Assembly (Rear Disc Brake)

PARKING BRAKE

10) Install the brake hose bracket.

Tightening torque:

<Ref. to BR-4, COMPONENT, General Description.>

11) Adjust the parking brake. <Ref. to PB-8, ADJUSTMENT, Parking Brake Assembly (Rear Disc Brake).>

12) If new brake shoes are replaced, drive the vehicle to break-in the parking brake lining.

(1) Drive the vehicle at about 35 km/h (22 MPH).

(2) With the parking brake lever button pushed in, pull the parking brake lever gently.

(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 steps (1) through (3) again.

(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:

190 mm (7.48 in)

Service limit:

191 mm (7.52 in)

2) Measure the lining thickness. If it exceeds the limit, replace the brake shoes.

Lining thickness:

Standard:

2.8 mm (0.11 in)

Service limit:

1.5 mm (0.059 in)

NOTE:

Replace the right and left brake shoe as a set.

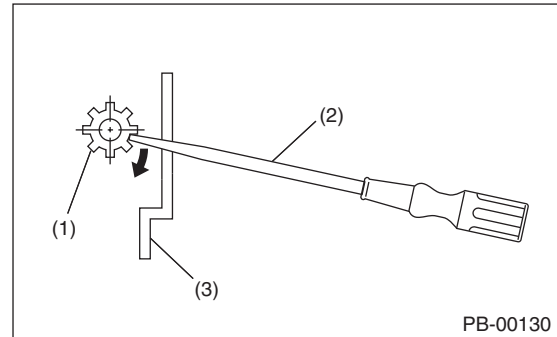
D: ADJUSTMENT

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) Flat tip screwdriver

(3) Disc rotor

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

CAUTION:

Check there is no brake drag.

5) Install the adjusting hole cover to the disc rotor.

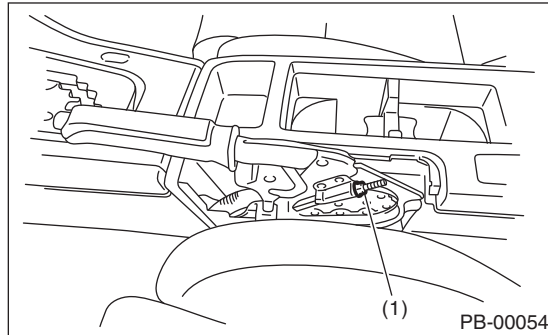
6) Adjust the parking lever stroke. <Ref. to PB-9, LEVER STROKE, ADJUSTMENT, Parking Brake Assembly (Rear Disc Brake).>

2. LEVER STROKE

- 1) Adjust the shoe clearance before adjusting lever stroke. <Ref. to PB-8, SHOE CLEARANCE, ADJUSTMENT, Parking Brake Assembly (Rear Disc Brake).>
- 2) Remove the parking lever cover.
- 3) Pull the parking brake lever hard 3 to 5 times.
- 4) Turn the adjusting nut until the lever stroke is at the specified value.

Lever stroke:

**7 to 8 notches when pulled with a force of 200 N
(20.4 kgf, 45 lbf)**



(1) Adjusting nut (Self-locking nut)

- 5) Check there is no brake drag.
- 6) Install the parking lever cover.