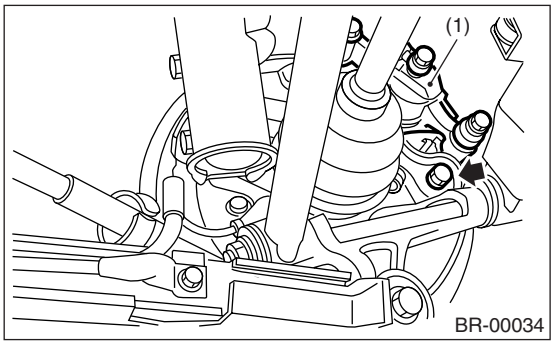
4. Parking Brake Assembly (Rear Disc Brake)

A: REMOVAL

1) Release the parking brake.
2) Remove the two mounting bolts and remove the brake caliper assembly.

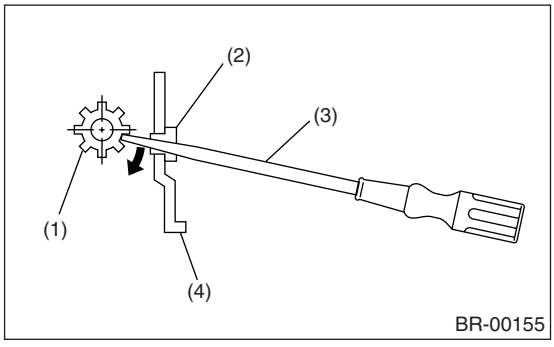


(1) Brake caliper ASSY

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

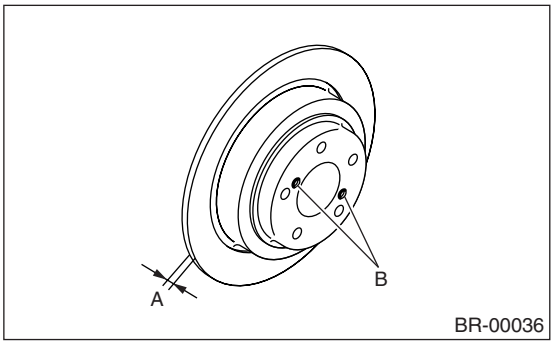
NOTE:
If the disc rotor is difficult to remove, try the following two methods in order.

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

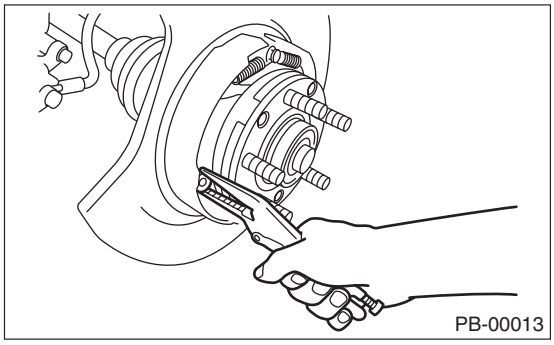


(1) Adjusting screw
(2) Adjusting hole cover (rubber)
(3) Flat tip screwdriver
(4) Back plate

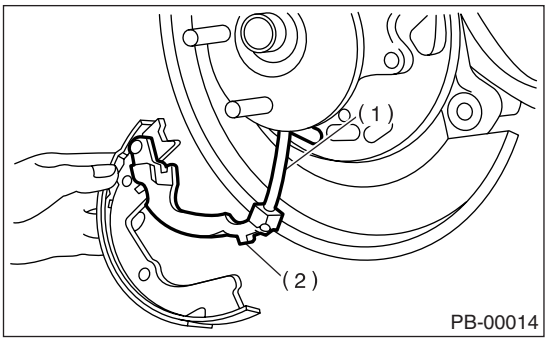
(2) If disc rotor is seized up on the hub, drive the disc rotor out by pushing two 8 mm bolts in holes B on the rotor.



5) Remove the shoe return spring from the parking brake assembly.
6) Remove the front shoe hold down spring and pin with pliers.



7) Remove the strut and strut spring.
8) Remove the adjuster assembly from the parking brake assembly.
9) Remove the brake shoe.
10) Remove the rear shoe hold down spring and pin with pliers.
11) Remove the parking brake cable from the parking brake lever.



(1) Parking brake cable
(2) Parking brake lever

12) Using a flat tip screwdriver, raise the retainer. Remove the parking lever and washer from brake shoe.

B: INSTALLATION

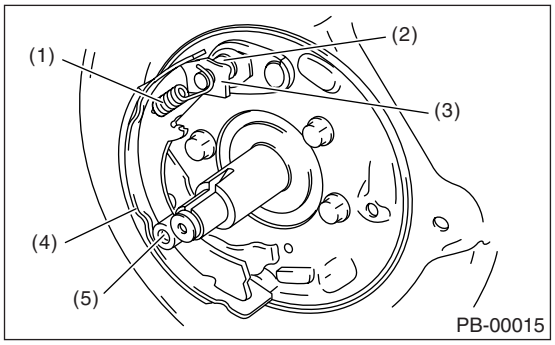
CAUTION:
Be sure the lining surface is free from oil and grease.

1) Apply brake grease to the following locations.

Brake grease:
Brake Grease (Part No. 003602002)

- Six contact surfaces of the shoe rim and the back plate packing
- Contact surface of the shoe wave and the anchor pin
- Contact surface of the lever and strut
- Contact surface of the shoe wave and the adjuster assembly
- Contact surface of the shoe wave and the strut
- Contact surface of the lever and the shoe wave

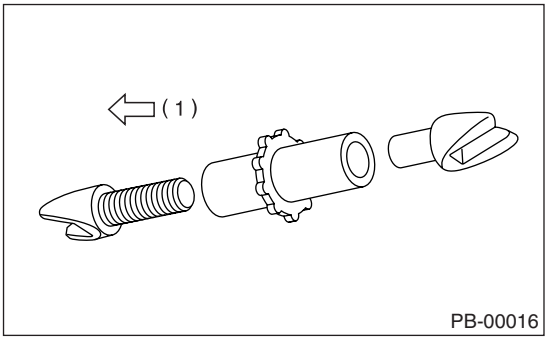
2) Insert the primary side brake shoe into the anchor pin groove.
3) Secure the brake shoe with the shoe hold-down pin and the cup.
4) Install the plate to the anchor pin, and then assemble the primary return spring to the anchor pin.



(1) Primary return spring
(2) Anchor pin
(3) Plate
(4) Primary shoe
(5) Shoe hold-down pin & cup

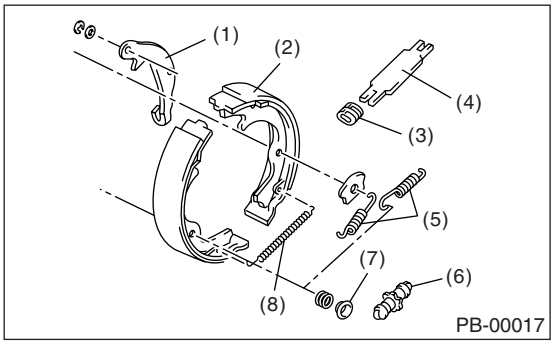
5) Install the parking brake cable to the parking brake lever.
6) Assemble the strut and adjuster, and then secure the secondary side brake shoe with the shoe hold-down pin & cup.

NOTE:
- Install the strut spring of both right and left wheels facing the front of the vehicle.
- Install the adjuster assembly with screw section on the left side.



(1) LH

7) Install the secondary return spring and the adjusting spring.



(1) Lever
(2) Secondary brake shoe
(3) Strut spring
(4) Strut
(5) Secondary return spring
(6) Adjuster
(7) Hold-down cup
(8) Adjusting spring

8) Adjust the parking brake. <Ref. to PB-8, ADJUSTMENT, Parking Brake Assembly (Rear Disc Brake).>
9) 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 release 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 this procedure once more.
(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:
170 mm (6.69 in)
Service limit:
171 mm (6.73 in)

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

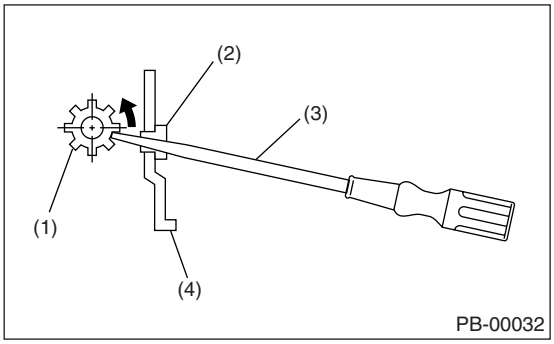
Lining thickness:
Standard:
3.2 mm (0.126 in)
Service limit:
1.5 mm (0.059 in)

NOTE:
Replace the right and left brake shoe as a set.

D: ADJUSTMENT

1. SHOE CLEARANCE

1) Remove the adjusting hole cover from the back plate.
2) Turn the adjusting screw using a flat tip screwdriver until the brake shoe is in close contact with the disc rotor.



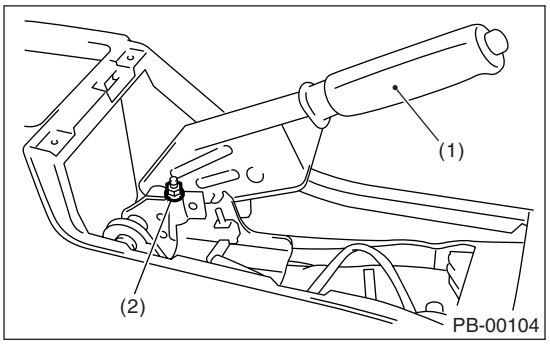
(1) Adjusting screw
(2) Adjusting hole cover (rubber)
(3) Flat tip screwdriver
(4) Back plate

3) Turn back (downward) the adjusting screw 3 to 4 notches.
4) Install the adjusting hole cover to the back plate.

2. LEVER STROKE

1) Remove the console box lid. <Ref. to EI-37, REMOVAL, Console Box.>
2) Forcefully pull the parking brake lever 3 to 5 times.
3) Rotate to adjust the selflocking nut so that the lever stroke of the parking brake lever is 7 to 8 notches when applying the parking brake with force of 196 N (20 kgf, 44 lb).

Lever stroke:
7 to 8 notches when pulled with a force of 196 N (20 kgf, 44 lb)



(1) Parking brake lever
(2) Self-locking nut

4) Install the console box lid. <Ref. to EI-37, INSTALLATION, Console Box.>