

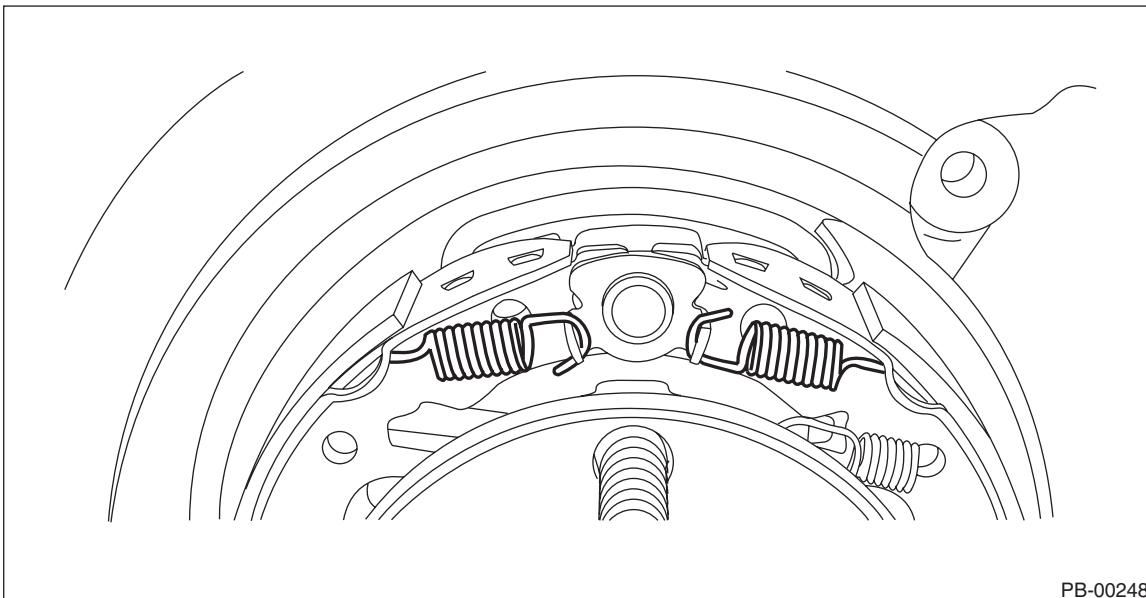
Parking Brake Assembly (Rear Disc Brake)

PARKING BRAKE

4. Parking Brake Assembly (Rear Disc Brake)

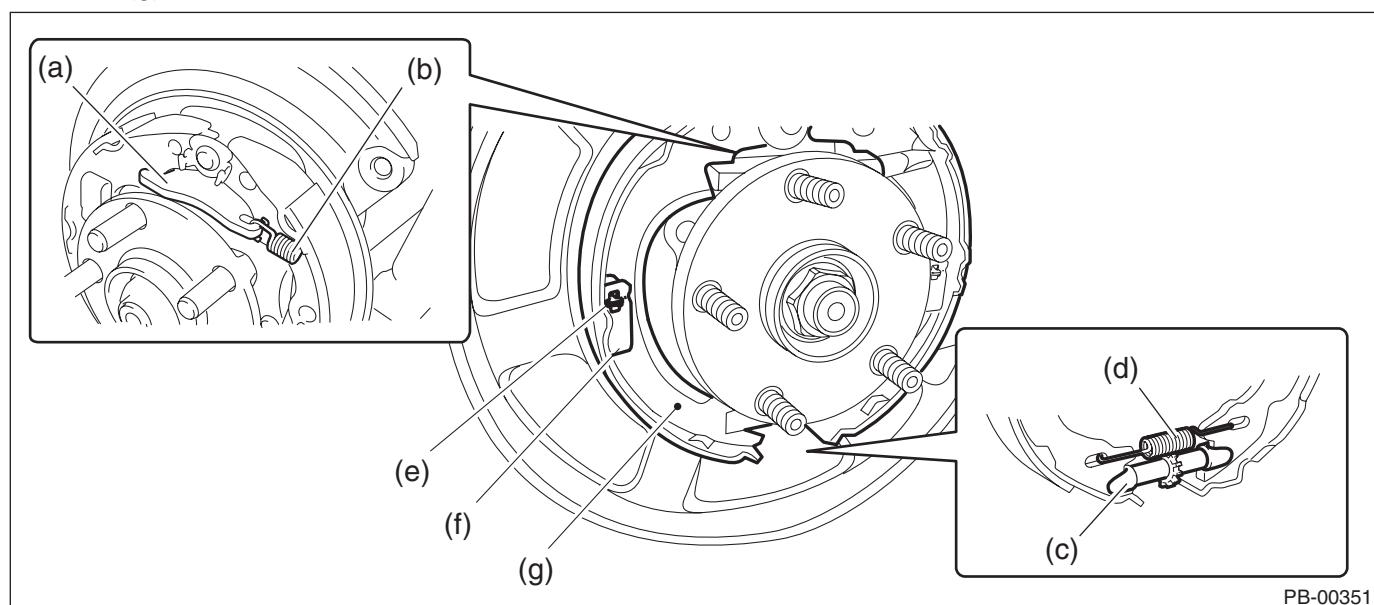
A: REMOVAL

- 1) Release the parking brake.
- 2) Lift up the vehicle, and then remove the rear wheels.
- 3) Remove the rear disc rotor. <Ref. to BR-39, REMOVAL, Rear Disc Rotor.>
- 4) Remove the spring - primary shoe return and the spring - secondary shoe return.



PB-00248

- 5) Remove the parking brake shoe on the primary side.
 - (1) Remove the strut - brake (a) and the spring - strut (b).
 - (2) Remove the adjuster assembly - rear brake (c) and the spring - adjuster (d).
 - (3) Remove the pin - shoe hold-down (e) and the spring - shoe clamp (f), and remove the parking brake shoe (g).

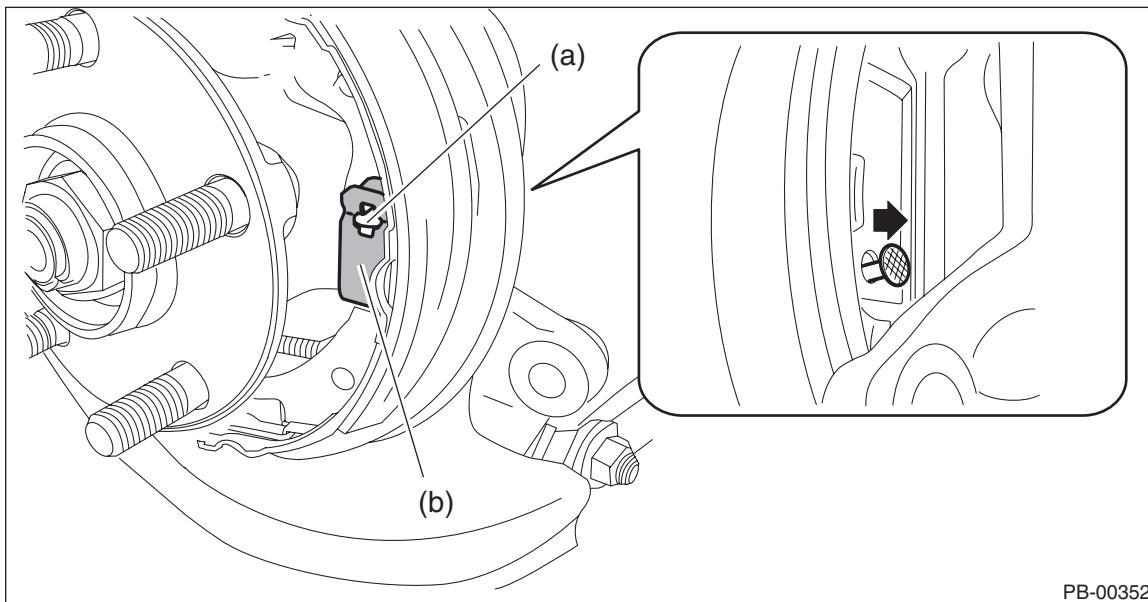


PB-00351

Parking Brake Assembly (Rear Disc Brake)

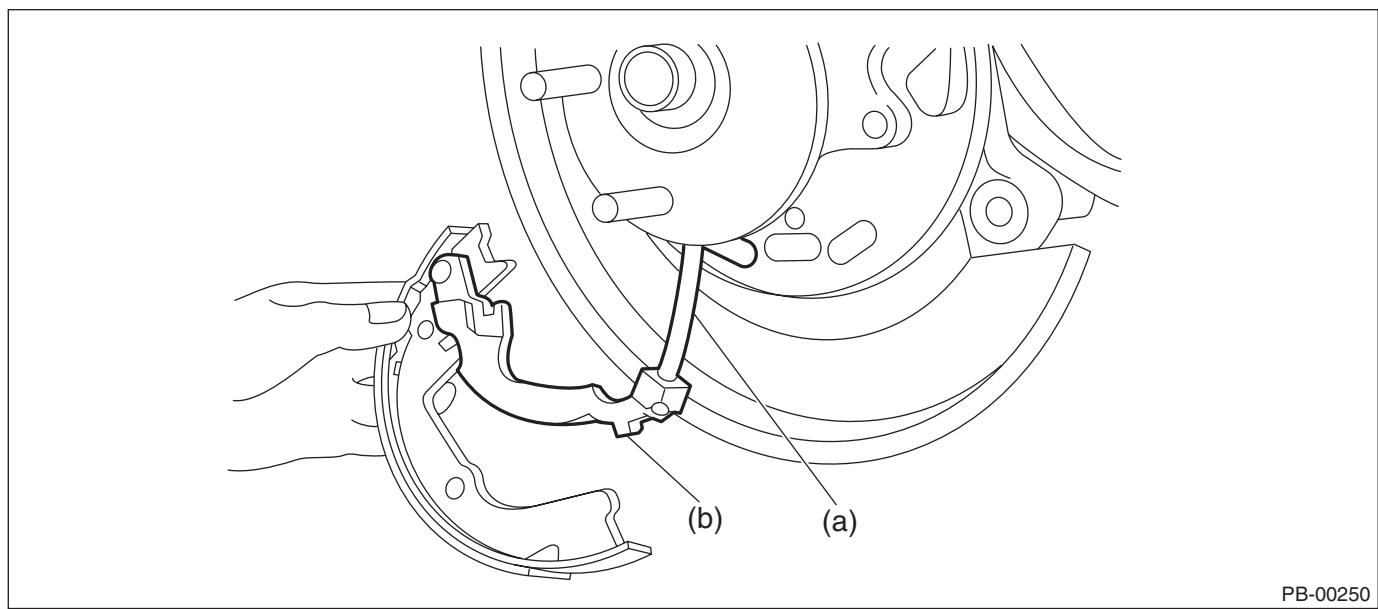
PARKING BRAKE

6) Remove the pin - shoe hold-down (a) and the spring - shoe clamp (b), and remove the secondary side parking brake shoe.



PB-00352

7) Remove the cable assembly - hand brake cable (a) from the parking lever - rear (b).



PB-00250

8) Remove the retainer - rear brake and the spring washer - rear brake, and remove the parking lever - rear and the brake shoe.

Parking Brake Assembly (Rear Disc Brake)

PARKING BRAKE

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:

Molykote44MA or equivalent

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

2) Install the parking lever - rear to the secondary side parking brake shoe.

NOTE:

Install the pin - parking lever and spring washer - rear brake to the parking lever - rear, and swage the retainer - rear brake to secure.

3) Install the cable assembly - parking brake to the parking lever - rear.

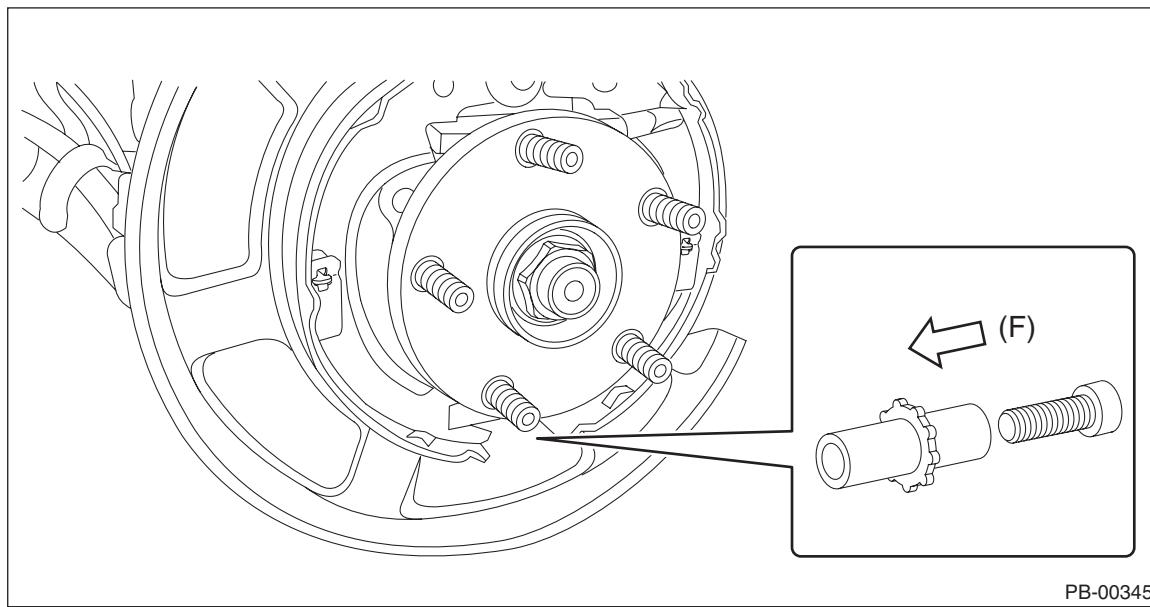
NOTE:

Check that the cable assembly - parking brake does not fall from the cable guide.

4) Attach the adjuster assembly - rear brake and the spring - adjuster to the primary side and the secondary side parking brake shoes.

NOTE:

Install the adjuster assembly - rear brake with the screw section facing to the direction shown in the figure below.



(F) Left wheel: front side of vehicle,
right wheel: rear side of vehicle

- 5) Install the parking brake shoes to the back plate - rear brake with the pins - shoe hold-down and the springs - shoe clamp.
- 6) Install the strut - brake and the spring - strut to the parking brake shoes.

NOTE:

Install the spring - strut so that it comes towards the front side of the vehicle.

- 7) Install the return springs on the primary side first, and then the secondary side.

- 8) Install the disc rotor and the disc brake assembly - rear.

Tightening torque:

STI model: 65 N·m (6.6 kgf-m, 47.9 ft-lb)

Except for STI model: 66 N·m (6.7 kgf-m, 48.7 ft-lb)

- 9) Adjust the parking brake. <Ref. to PB-16, ADJUSTMENT, Parking Brake Assembly (Rear Disc Brake).>
- 10) Install the rear wheels.

Tightening torque:

120 N·m (12.2 kgf-m, 88.5 ft-lb)

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

(1) Drive the vehicle at approximately 35 km/h (22 MPH) or more.

(2) While pressing the button of lever assembly - hand brake, pull the lever assembly - hand brake with a force of 150 N (15.3 kgf, 33.7 lbf).

(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. <Ref. to PB-16, ADJUSTMENT, Parking Brake Assembly (Rear Disc Brake).>

C: INSPECTION

- 1) Measure the inner diameter of the rear disc rotor. If scoring or worn is found on the disc, replace the rear disc rotor.

Disc rotor inner diameter:

Specification: 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 shoe.

Lining thickness:

Specification: 3.5 mm (0.14 in)

Service limit: 1.5 mm (0.059 in)

NOTE:

Replace the right and left parking brake shoe as a set.

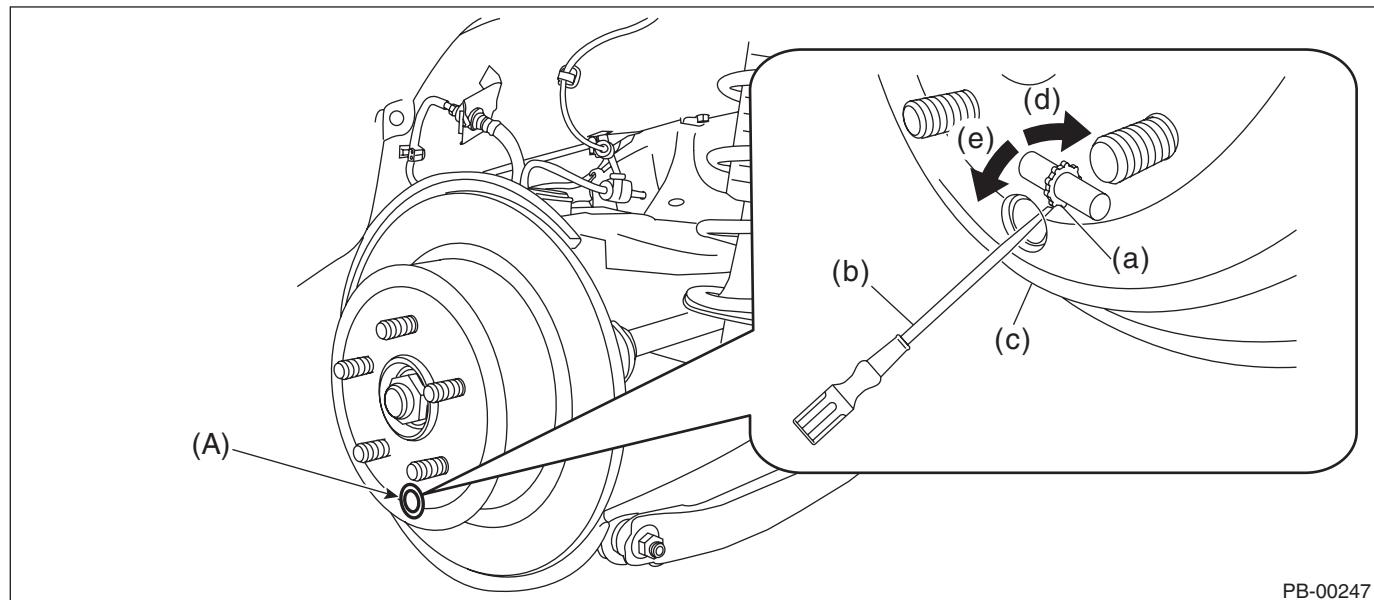
Parking Brake Assembly (Rear Disc Brake)

PARKING BRAKE

D: ADJUSTMENT

1. SHOE CLEARANCE

- 1) Return the lever assembly - hand brake completely.
- 2) Loosen the adjusting nut, and make the cable free.
- 3) Remove the adjusting hole cover (A).
- 4) Insert a flat tip screwdriver (b) into the adjustment hole, and rotate the adjuster assembly - rear brake (a) until the disc rotor cannot be turned by hand.



(a) Adjuster ASSY - rear brake	(c) Disc rotor	(e) Shorten the adjuster ASSY - rear brake
(b) Flat tip screwdriver	(d) Extend the adjuster ASSY - rear brake	

- 5) Loosen the adjuster assembly - rear brake by 10 notches in the direction of the arrow (e).

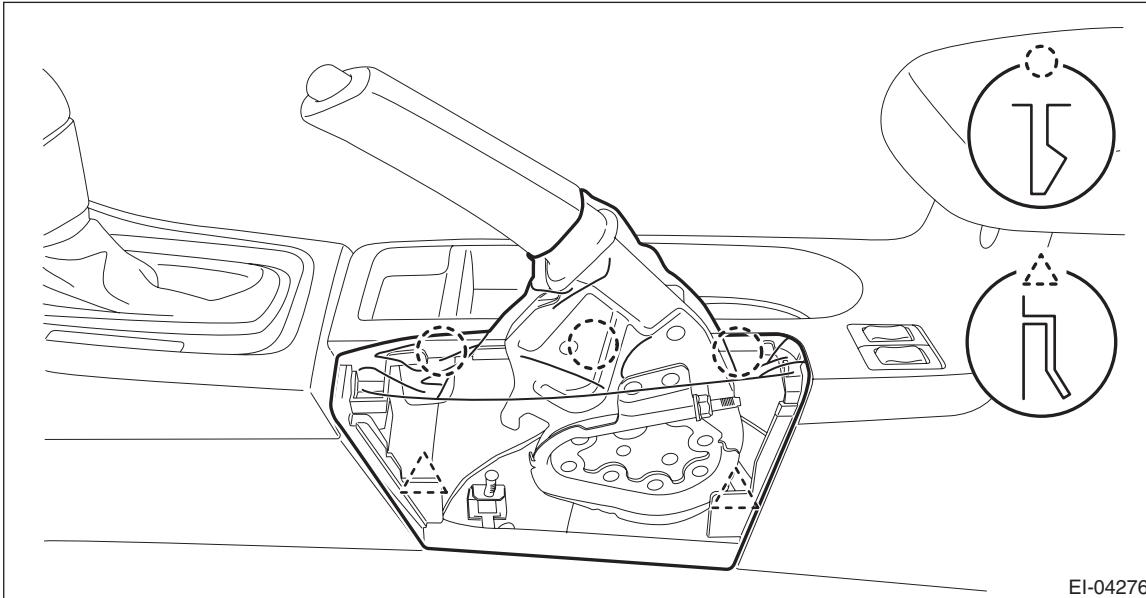
CAUTION:

- Check there is no brake drag.
- Make sure that the adjuster assembly - rear brake is loosened by 10 notches. If it is not loosened sufficiently, dragging may occur.

- 6) Install the adjusting hole cover to the disc rotor.
- 7) Adjust the parking lever stroke. <Ref. to PB-17, LEVER STROKE, ADJUSTMENT, Parking Brake Assembly (Rear Disc Brake).>

2. LEVER STROKE

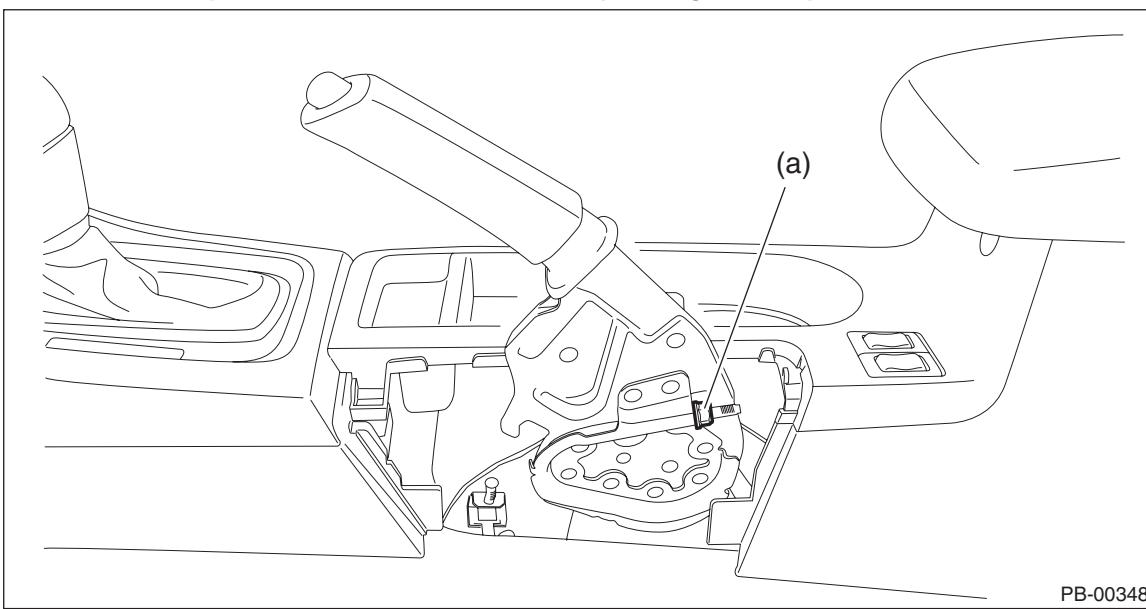
- 1) Adjust the shoe clearance before adjusting lever stroke. <Ref. to PB-16, SHOE CLEARANCE, ADJUSTMENT, Parking Brake Assembly (Rear Disc Brake).>
- 2) Release the claws, and then remove the boot - parking brake.



- 3) Pull the lever assembly - hand brake hard 3 to 5 times.
- 4) Turn the adjusting nut (a) 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)



- 5) Check there is no brake drag.
- 6) Check that the brake warning light illuminates when the lever assembly - hand brake is operated.

NOTE:

The light must illuminate when the first notch is reached after pulling the lever.

- 7) Install the boot - parking brake.