4. Parking Brake Assembly (Rear Disc Brake)

A: REMOVAL

1) Pull down and release the parking brake.
2) Remove the two mounting bolts and remove the brake caliper assembly.
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 two following methods in order.

1) Turn the adjusting screw using a flat tip screwdriver until brake shoe gets away enough from the disc rotor.
2) If the disc rotor seizes up within hub, drive the disc rotor out by installing two 8-mm bolts in holes B on rotor.

5) Remove the shoe return spring from 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 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 parking brake lever.

12) Using a standard screwdriver, raise the retaining washer. Remove the parking brake lever and washer from brake shoe.
B: INSTALLATION

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

1) Apply brake grease to the following places.

Brake grease:
Brake Grease (Part No. 003602002)
- Six contact surfaces of shoe rim and back plate packing
- Contact surface of shoe wave and anchor pin
- Contact surface of lever and strut
- Contact surface of shoe wave and adjuster assembly
- Contact surface of shoe wave and strut
- Contact surface of lever and shoe wave

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

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

NOTE:
- Install the strut spring of both right and left wheels facing vehicle front.

7) Install the secondary return spring and adjusting spring.

8) Adjust the parking brakes. <Ref. to PB-8, ADJUSTMENT, Parking Brake Assembly (Rear Disc Brake).>
9) Drive the vehicle for parking brake lining “break-in”.

(1) Left

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

(1) (2)
(4)
(3)
(5)
(7)
(8)
(6)
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
  - Except STi model 170 mm (6.69 in)
  - STi model 190 mm (7.48 in)
- Service limit
  - Except STi model 171 mm (6.73 in)
  - STi model 191 mm (7.52 in)

2) Measure the lining thickness. If it exceeds the limit, replace the 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 shoes at the same time.

D: ADJUSTMENT
1. SHOE CLEARANCE
1) Remove the adjusting hole cover from back plate.
2) Turn the adjusting screw using a flat tip screwdriver until brake shoe is in close contact with disc rotor.
3) Turn back (downward) the adjusting screw 3 or 4 notches.
4) Install the adjusting hole cover to back plate.

2. LEVER STROKE
1) Remove the console box lid.
2) Forcibly pull the parking brake lever 3 to 5 times.
3) Adjust the parking brake lever by turning adjuster until parking brake lever stroke is set at 7 to 8 notches with operating 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)

Tightening torque (Lock nut):
- 5.9 N·m (0.6 kgf-m, 4.3 ft-lb)