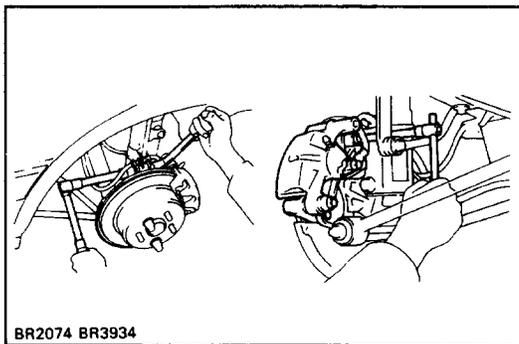
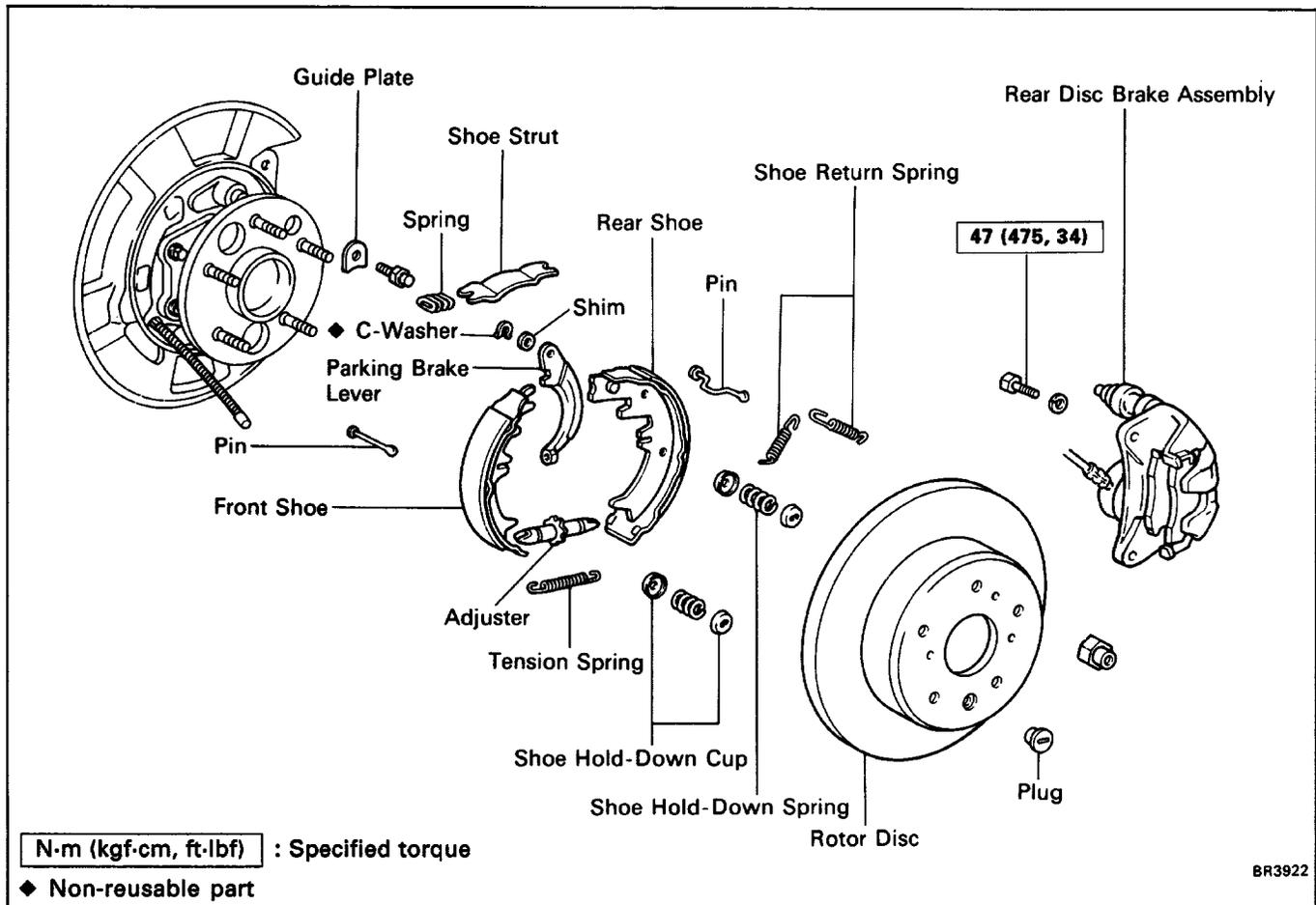


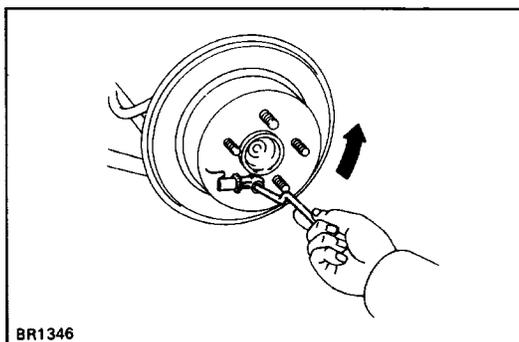
# Parking Brake (For Rear Disc Brake) COMPONENTS



## DISASSEMBLY OF PARKING BRAKE

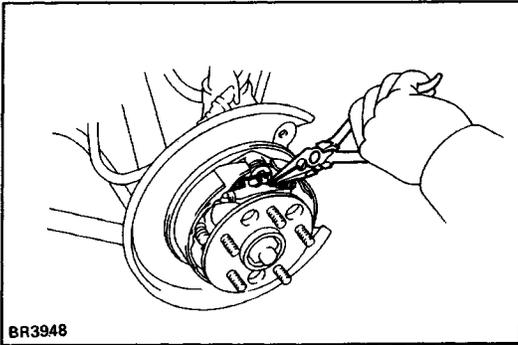
### 1. REMOVE REAR DISC BRAKE ASSEMBLY

- Remove the axle carrier mounting bolt and nut of upper side.
- Remove the two mounting bolts and remove the disc brake assembly.
- Suspend the disc brake so the hose is not stretched.



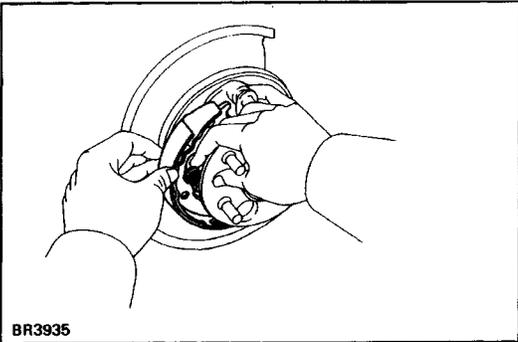
### 2. REMOVE ROTOR DISC

HINT: If the rotor disc cannot be removed easily, return the shoe adjuster until the wheel turns freely.



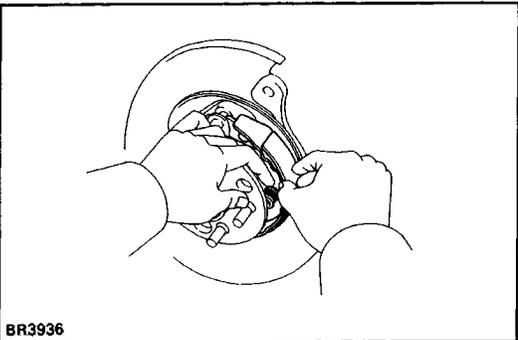
### 3. REMOVE SHOE RETURN SPRINGS

Using needle-nose pliers, remove the shoe return springs.



### 4. REMOVE FRONT SHOE, ADJUSTER AND TENSION SPRING

- (a) Slide out the front shoe and remove the shoe adjuster.
- (b) Remove the shoe strut with spring.
- (c) Disconnect the tension spring and remove the front shoe.



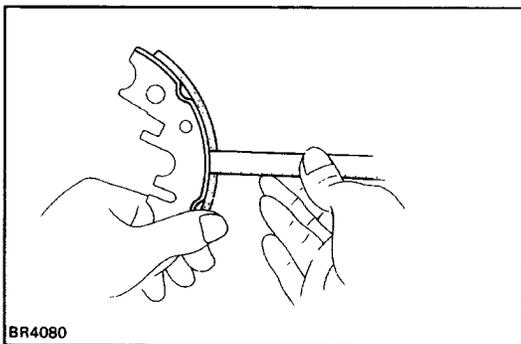
### 5. REMOVE REAR SHOE

- (a) Slide out the rear shoe.
- (b) Remove the tension spring from the rear shoe.
- (c) Disconnect the parking brake cable from the parking brake shoe lever.
- (d) Remove the shoe hold-down spring cups, springs and pins.

## INSPECTION AND REPAIR OF PARKING BRAKE COMPONENTS

### 1. INSPECT DISASSEMBLED PARTS

Inspect the disassembled parts for wear, rust or damage.

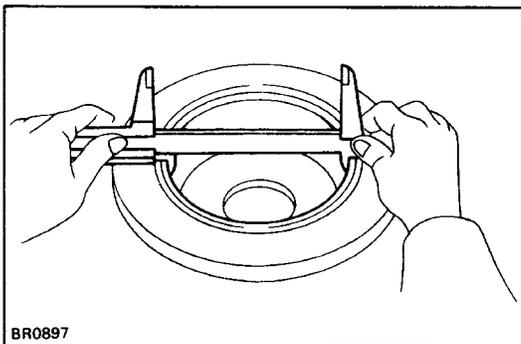


### 2. MEASURE BRAKE SHOE LINING THICKNESS

**Standard thickness: 2.0 mm (0.079 in.)**

**Minimum thickness: 1.0 mm (0.039 in.)**

If the shoe lining is less than minimum or shows signs of uneven wear, replace the parking brake shoes.

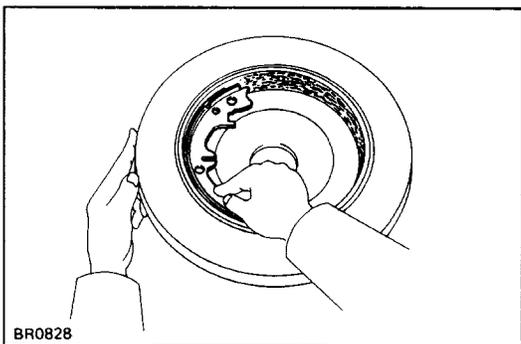


### 3. MEASURE BRAKE DISC INSIDE DIAMETER

**Standard inside diameter: 170 mm (6.69 in.)**

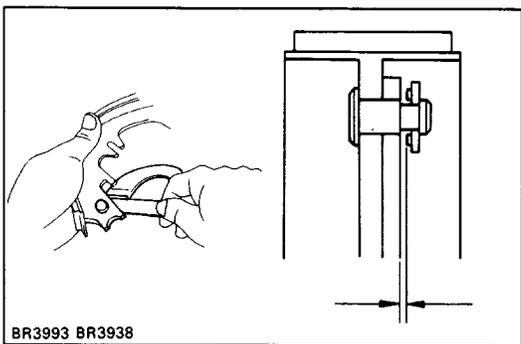
**Maximum inside diameter: 171 mm (6.73 in.)**

If the disc is scored or worn, the brake disc may be lathed to the maximum inside diameter.



### 4. INSPECT PARKING BRAKE LINING AND DISC FOR PROPER CONTACT

If the contact between the brake lining and disc is improper, repair the lining with a brake shoe grinder, or replace the brake shoe assembly.

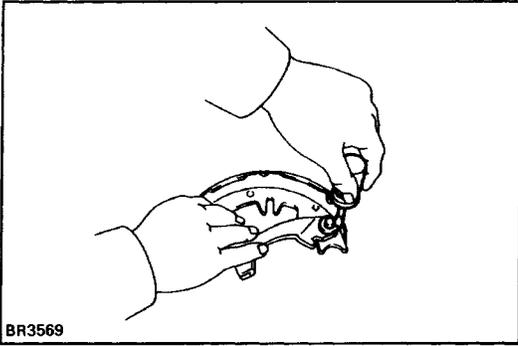


### 5. MEASURE CLEARANCE BETWEEN PARKING BRAKE SHOE AND LEVER

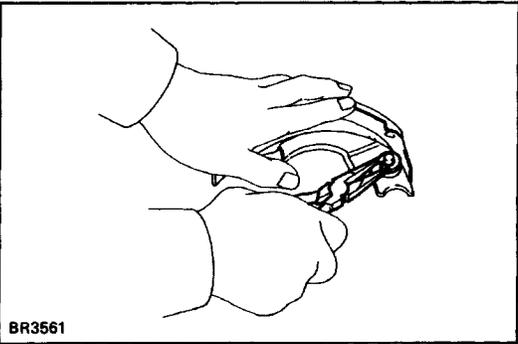
Using a feeler gauge, measure the clearance.

**Standard clearance: Less than 0.35 mm  
(0.0138 in.)**

If the clearance is not within specification, replace the shim with one of the correct size.

**6. IF NECESSARY, REPLACE SHIM**

(a) Remove the parking brake lever, and install the correct size shim.



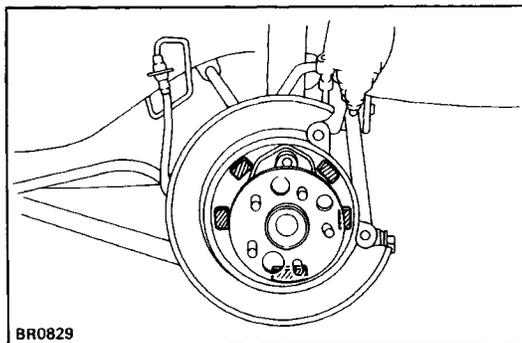
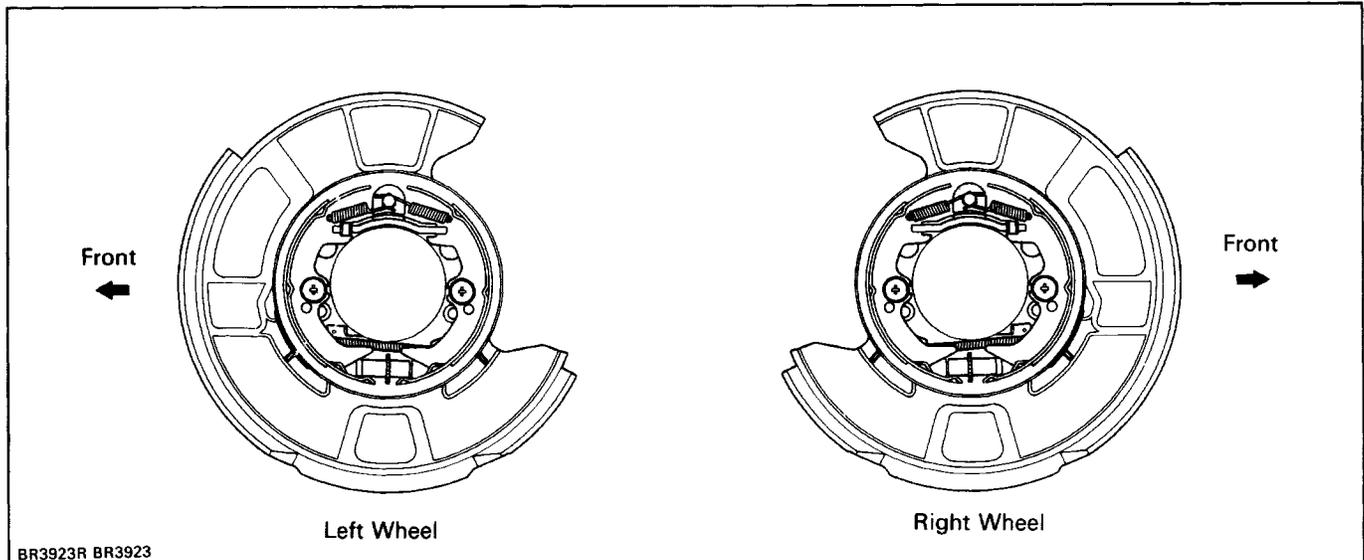
(b) Install the parking brake lever with a new C-washer.

(c) Remeasure the clearance.

## ASSEMBLY OF PARKING BRAKE

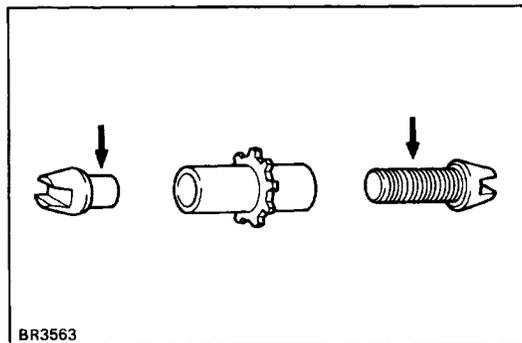
(See page BR-44)

HINT: Assemble the parts in the correct direction as shown.

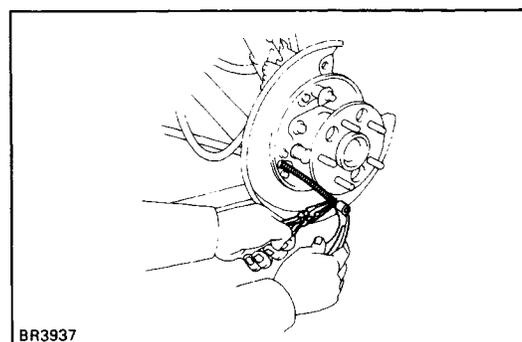


### 1. APPLY HIGH TEMPERATURE GREASE ON BACKING PLATE AS SHOWN

Apply high temperature grease to the sliding surfaces of the shoe.

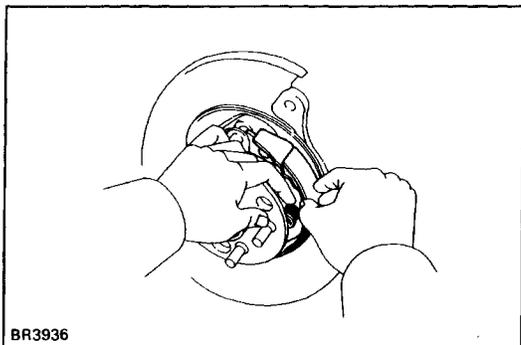


### 2. APPLY HIGH TEMPERATURE GREASE TO ADJUSTER AS SHOWN



### 3. CONNECT PARKING BRAKE CABLE TO PARKING BRAKE LEVER

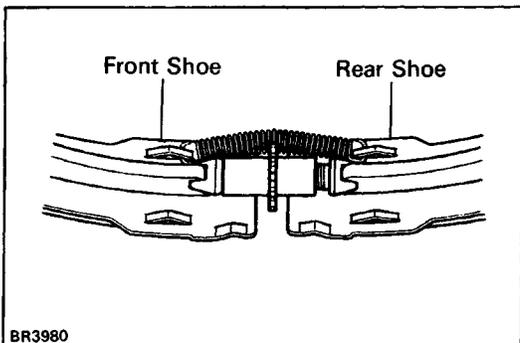
- Install the shoe hold-down springs, cups and pins.
- Connect the parking brake cable to the parking brake lever of the rear shoe.



#### 4. INSTALL REAR SHOE

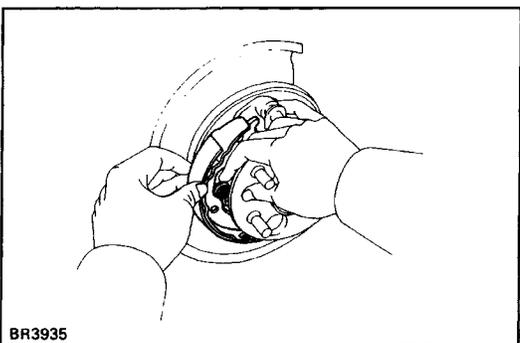
Slide in the rear shoe between the shoe hold-down spring cup and the backing plate.

**CAUTION:** Do not allow oil or grease to get on the rubbing face.

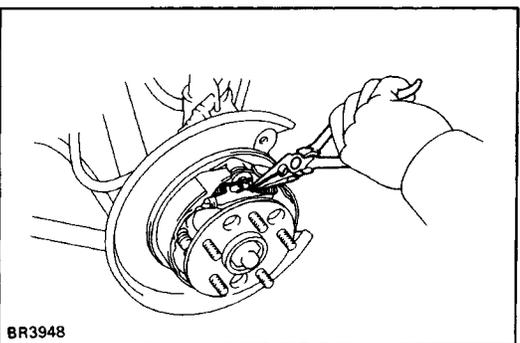


#### 5. INSTALL TENSION SPRING, FRONT SHOE AND ADJUSTER

- (a) Install the tension spring to the rear shoe.
- (b) Install the front shoe to the tension spring.
- (c) Install the adjuster between the front and rear shoes.
- (d) Install the shoe strut with spring.

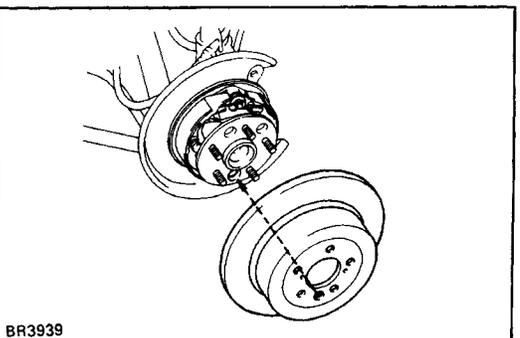


- (e) Slide in the front shoe between the shoe hold-down spring cup and the backing plate.



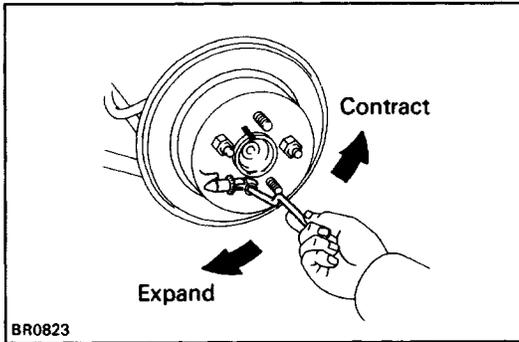
#### 6. INSTALL SHOE RETURN SPRINGS

Using needle-nose pliers, install the shoe return springs.



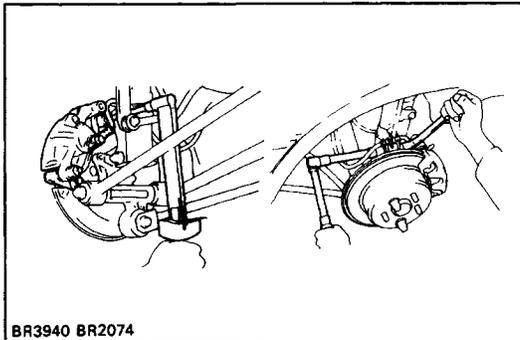
#### 7. INSTALL ROTOR DISC

- (a) Before installing, polish the disc and shoe surfaces with sandpaper.
- (b) Align the hole on the rear axle shaft flange and service hole on the disc.



### 8. ADJUST PARKING BRAKE SHOE CLEARANCE

- (a) Temporarily install the hub nuts.
- (b) Remove the hole plug.
- (c) Turn the adjuster and expand the shoes until the rotor disc locks.
- (d) Return the adjuster eight notches.
- (e) Install the hole plug.



### 9. INSTALL REAR DISC BRAKE ASSEMBLY

- (a) Install the disc brake assembly and torque the two mounting bolts.

**Torque: 47 N-m (475 kgf-cm, 34 ft-lbf)**

- (b) Install the axle carrier bolt and nut of upper side.

**Torque: 226 N-m (2,300 kgf-cm, 166 ft-lbf)**

### 10. INSTALL REAR WHEEL

### 11. SETTLING PARKING BRAKE SHOES AND DISC

- (a) Drive the vehicle at about 50 km/h (31 mph) on a safe, level and dry road.
- (b) With the parking brake release button pushed in, pull on the lever with 88 N (9 kgf, 19.8 lbf) of force.
- (c) Drive the vehicle for about 400 meters (0.25 mile) in this condition.
- (d) Repeat this procedure two or three times.

### 12. RECHECK AND ADJUST PARKING BRAKE LEVER TRAVEL