

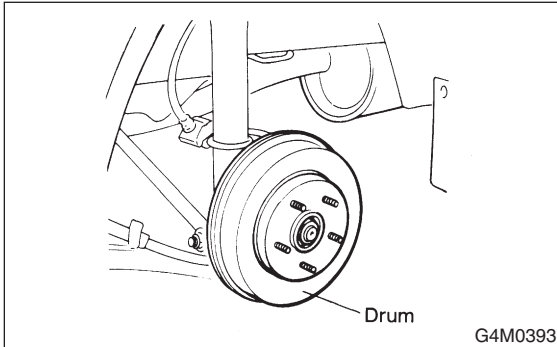
## 8. Rear Drum Brake Shoe and Drum

S405584

### A: REMOVAL

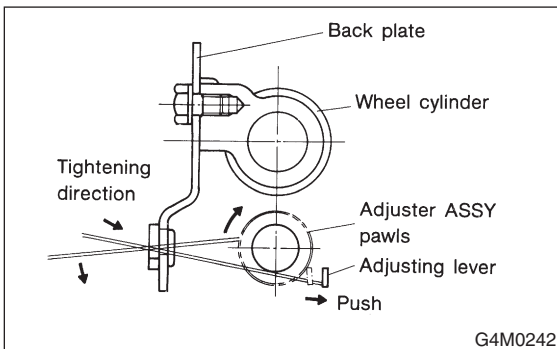
S405584A18

- 1) Loosen wheel nuts, jack-up vehicle, support it with rigid racks, and remove wheel.
- 2) Release parking brake.
- 3) Remove brake drum from brake assembly.

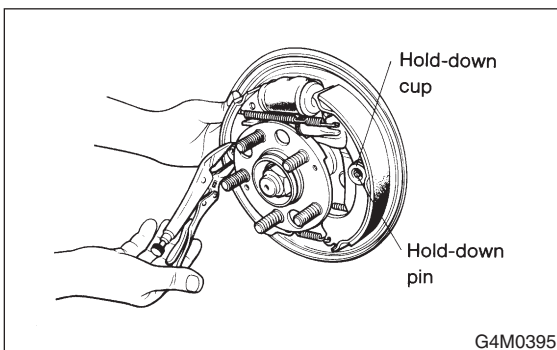


#### NOTE:

If it is difficult to remove brake drum, remove adjusting hole cover from back plate, and then, turn adjusting screw using a slot-type screwdriver until brake shoe separates from the drum.

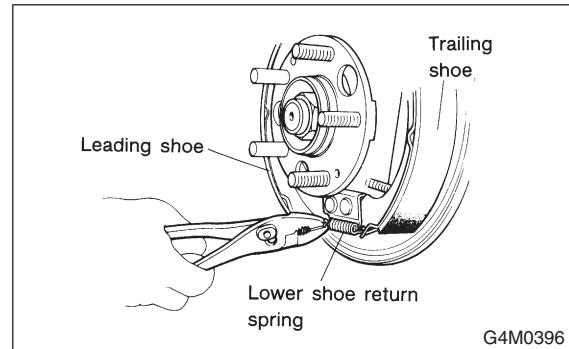


- 4) Hold hold-down pin by securing rear of back plate with your hand.



- 5) Disconnect hold-down cup from hold-down pin by rotating hold-down cup.

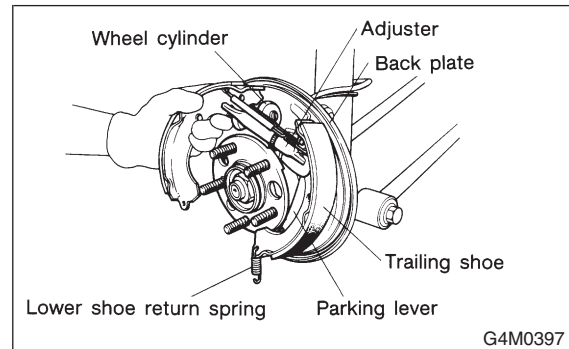
- 6) Disconnect lower shoe return spring from shoes.



- 7) Remove shoes one by one from back plate with adjuster.

#### CAUTION:

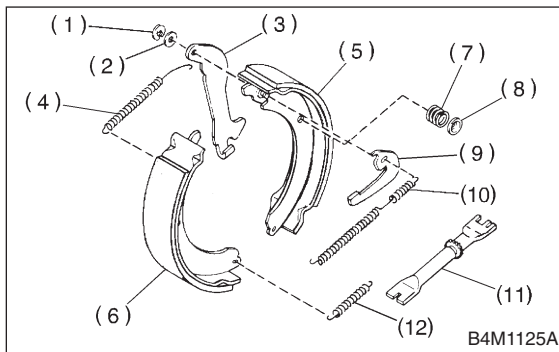
Be careful not to bend parking brake cable excessively when removing brake shoes.



# REAR DRUM BRAKE SHOE AND DRUM

## Brake

- 8) Disconnect parking brake cable from parking lever.
- 9) Remove the following.



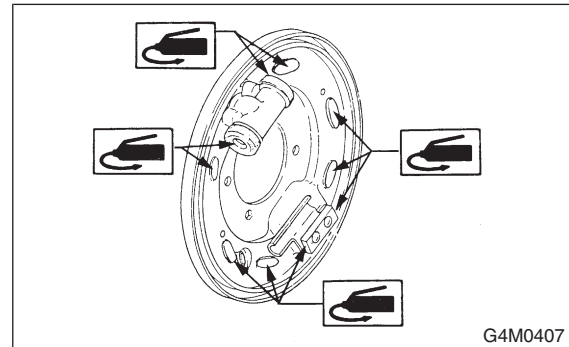
- (1) Retainer
- (2) Washer
- (3) Parking lever
- (4) Upper shoe return spring
- (5) Trailing shoe
- (6) Leading shoe
- (7) Shoe hold-down spring
- (8) Shoe hold-down cup
- (9) Adjusting lever
- (10) Adjuster spring
- (11) Adjuster
- (12) Lower shoe return spring

## B: INSTALLATION S405584A11

- 1) Clean back plate and wheel cylinder.
- 2) Apply grease to portions indicated by arrows in Figure.

### Brake grease:

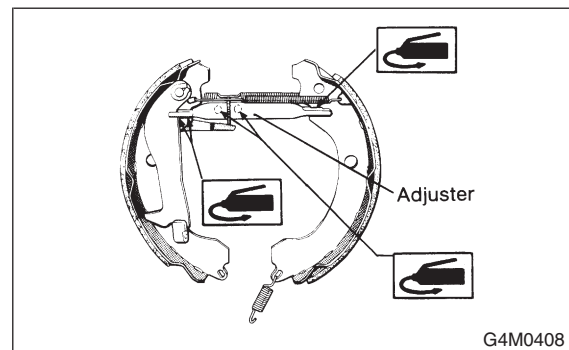
**Dow Corning Molykote No. 7439 (Part No. 725191460)**



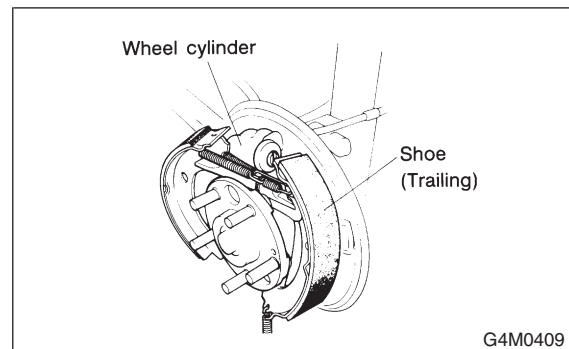
- 3) Apply grease to adjusting screw and both ends of adjuster.

### Brake grease:

**Dow Corning Molykote No. 7439 (Part No. 725191460)**



- 4) Connect upper shoe return spring to shoes.
- 5) While positioning shoes (one at a time) in groove on wheel cylinder, secure shoes.



- 6) Connect lower shoe return spring.
- 7) Fix shoes by connecting hold-down cup to hold-down pin.

## C: INSPECTION S405584A10

### 1. SHOE S405584A1001

- 1) Measure the lining thickness.

#### **Lining thickness:**

**Standard 4.1 mm (0.161 in)**

**Service limit 1.5 mm (0.059 in)**

- 2) If the deformation or wear of back plate, shoe, etc. are notable, replace them.
- 3) When the shoe return spring tension is excessively weakened, replace it, taking care to identify upper and lower springs.

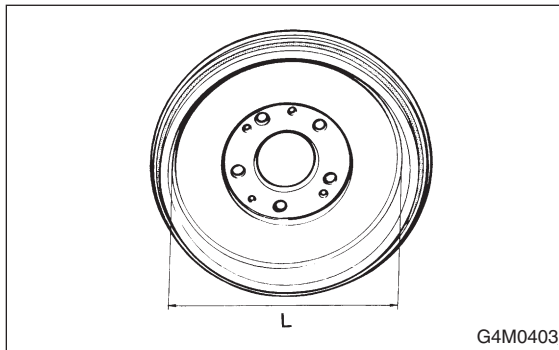
### 2. DRUM S405584A1002

- 1) If the inside surface of brake drum is streaked, correct the surface. And, if it is unevenly worn, taperingly streaked, or the outside surface of brake drum is damaged, correct or replace it.
- 2) Measure the drum inner diameter.

#### **Drum inner diameter: "L"**

**Standard 228.6 mm (9 in)**

**Service limit 230.6 mm (9.08 in)**



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