

REAR DRUM BRAKE SHOE

Brake

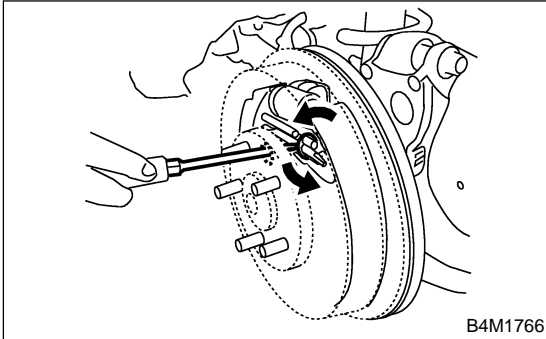
7. Rear Drum Brake Shoe S405174

A: REMOVAL S405174A18

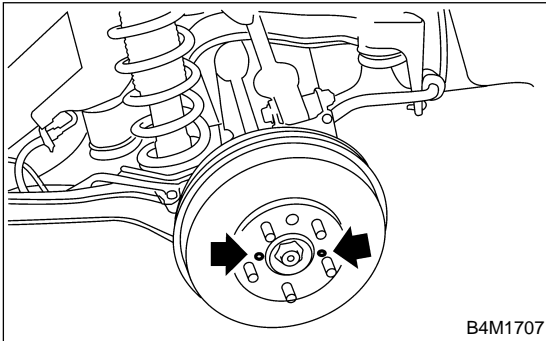
- 1) Loosen wheel nuts, jack-up vehicle, support it with rigid racks, and remove wheel.
- 2) Release parking brake.
- 3) Remove brake drum from brake assembly.

NOTE:

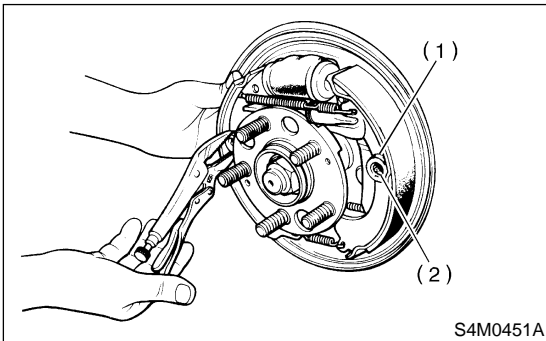
- If it is difficult to remove brake drum, remove adjusting hole cover from drum, and then turn adjuster assembly pawls using a slot-type screwdriver until brake shoe separates from the drum.



- If brake drum is difficult to remove, drive it out by installing an 8-mm bolt into bolt hole in brake drum.



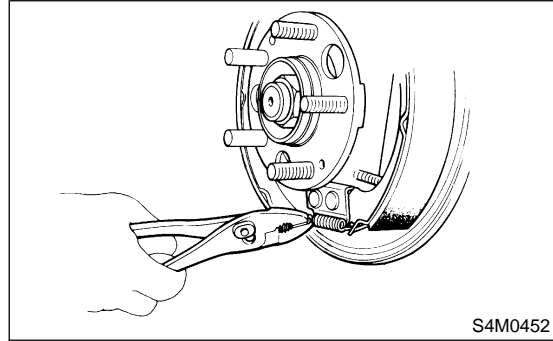
- 4) Hold hold-down pin by securing rear of back plate with your hand.



- (1) Hold-down cup
- (2) Hold-down pin

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

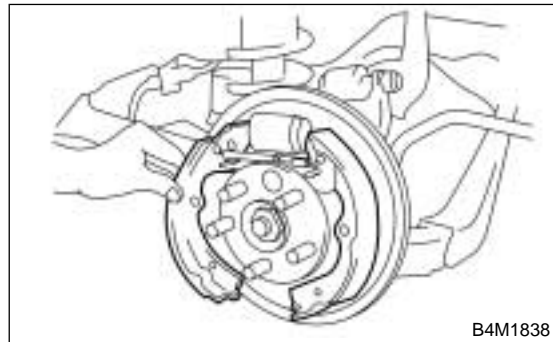
- 6) Disconnect lower shoe return spring from shoes.



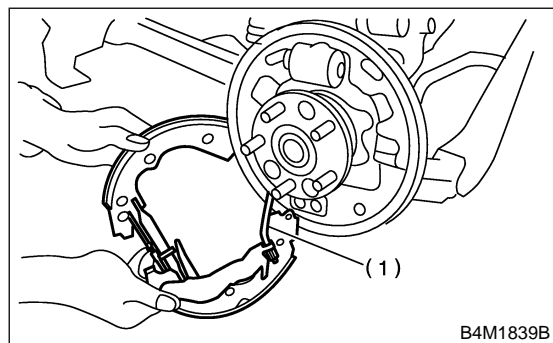
- 7) Remove shoes one by one from back plate with adjuster.

CAUTION:

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



- 8) Disconnect parking brake cable from parking lever.



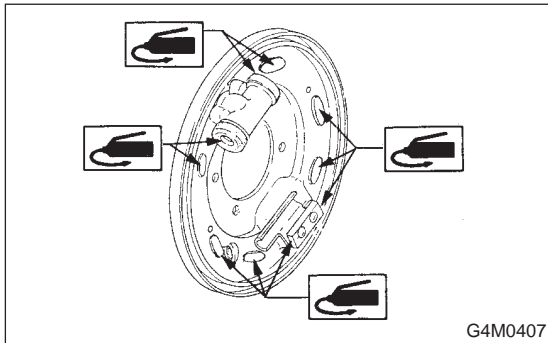
- (1) Parking brake cable

B: INSTALLATION S405174A11

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

Brake grease:

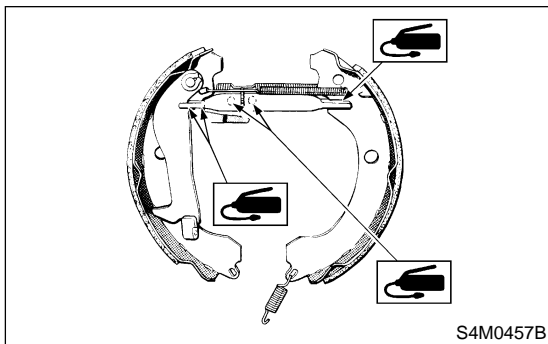
Dow Corning Molykote No. 7439 (Part No. 725191460)



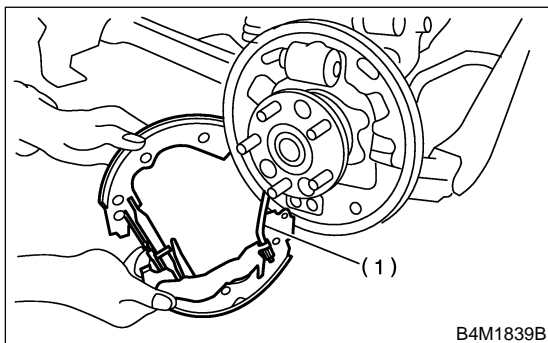
- 3) Apply grease to adjusting screw and both ends of adjuster.

Brake grease:

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

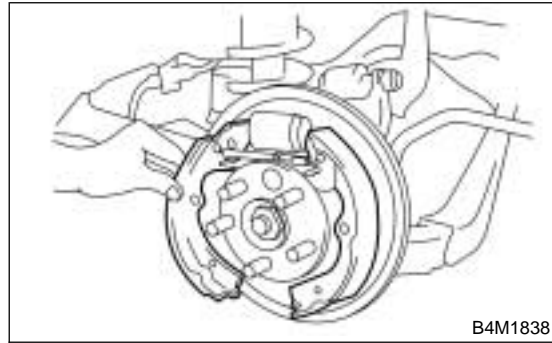


- 4) Connect upper shoe return spring to shoes.
- 5) Connect parking brake cable to parking lever.

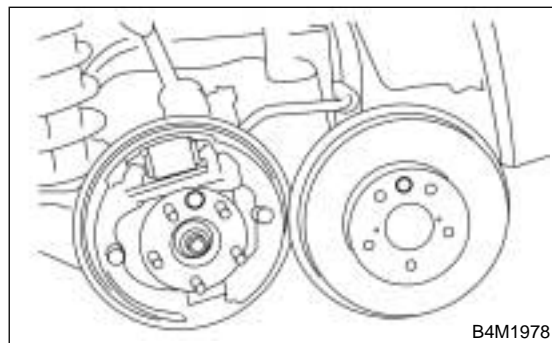


(1) Parking brake cable

- 6) While positioning shoes (one at a time) in groove on wheel cylinder, secure shoes.



- 7) Fix shoes by connecting hold-down cup to hold-down pin.
- 8) Connect lower shoe return spring.
- 9) Set the outside diameter of brake shoes less than 0.5 to 0.8 mm (0.020 to 0.031 in) in comparison with the inside diameter of brake drum.
- 10) Match the holes on hub and drum and install drum on hub.



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Brake

C: INSPECTION S405174A10

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.