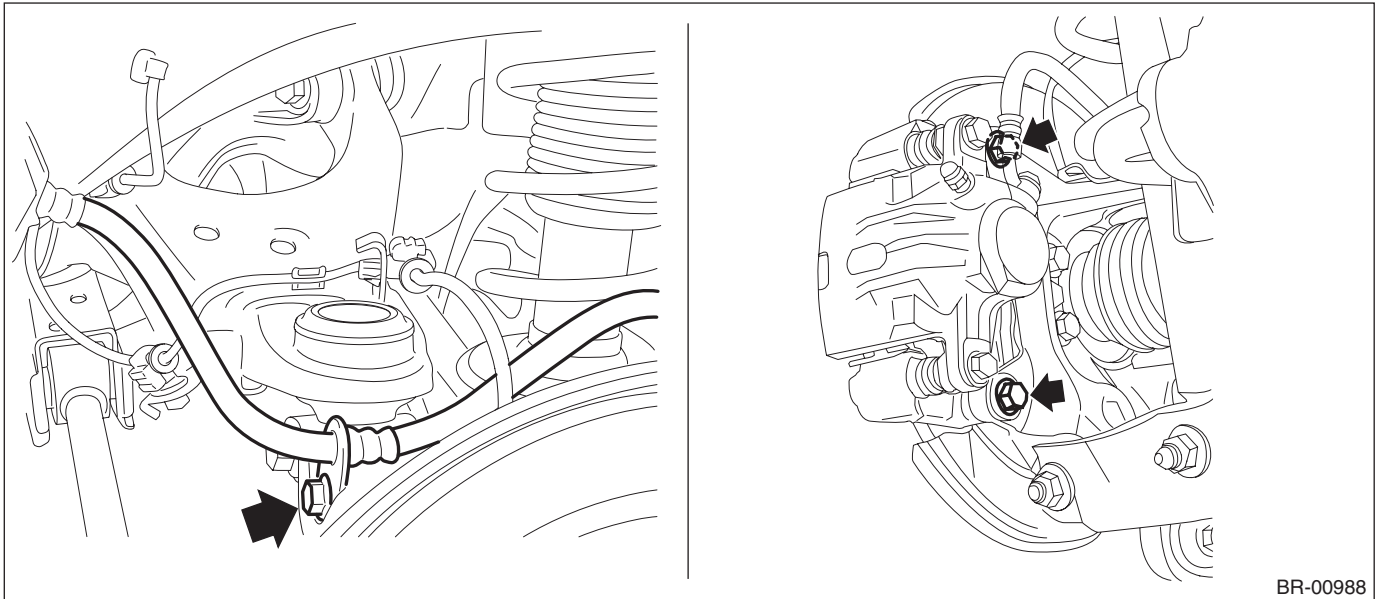


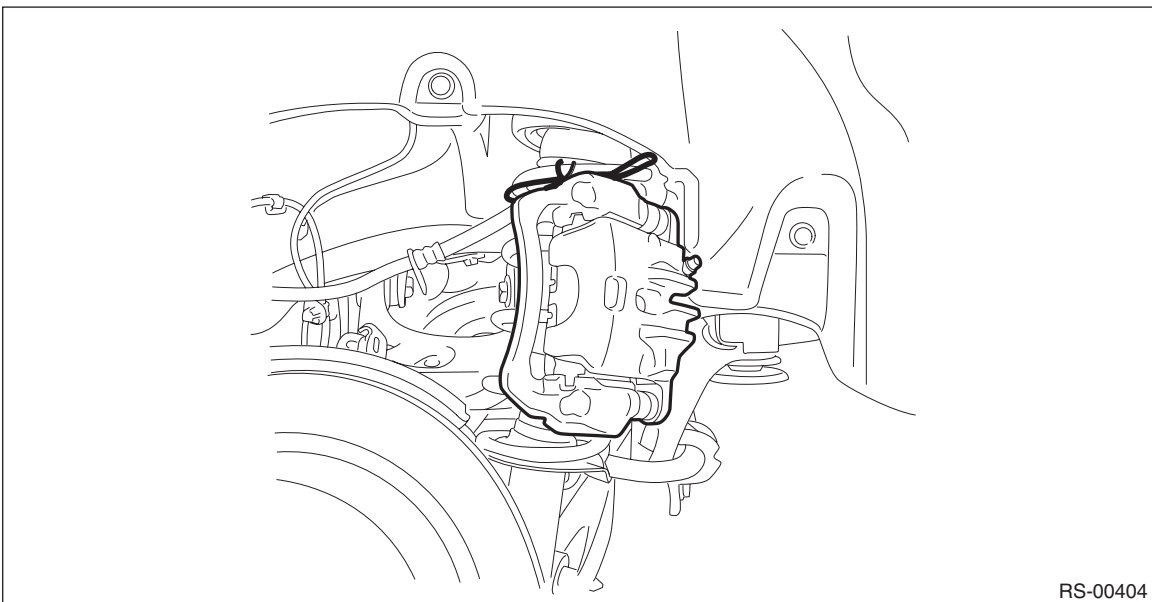
## 7. Rear Disc Rotor

### A: REMOVAL

- 1) Lift up the vehicle, and then remove the rear wheels.
- 2) Release the lever assembly - hand brake.
- 3) Remove the caliper body assembly from the housing assembly - rear axle.
  - (1) Remove the bolt from the brake hose bracket.
  - (2) Remove the mounting bolt, and remove the caliper body assembly.



- (3) Prepare wiring harnesses etc. to be discarded, and suspend the caliper body assembly from the strut assembly.

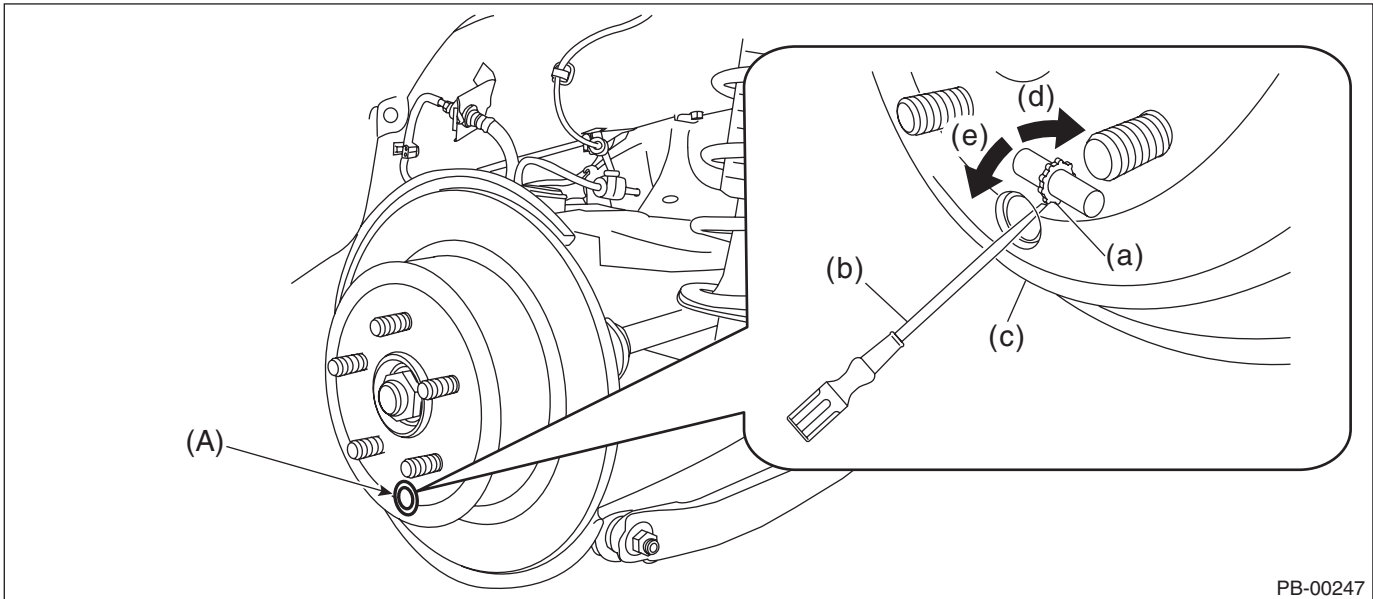


4) Remove the rear disc rotor.

**NOTE:**

If it is difficult to remove the disc rotor, perform the following two methods in order.

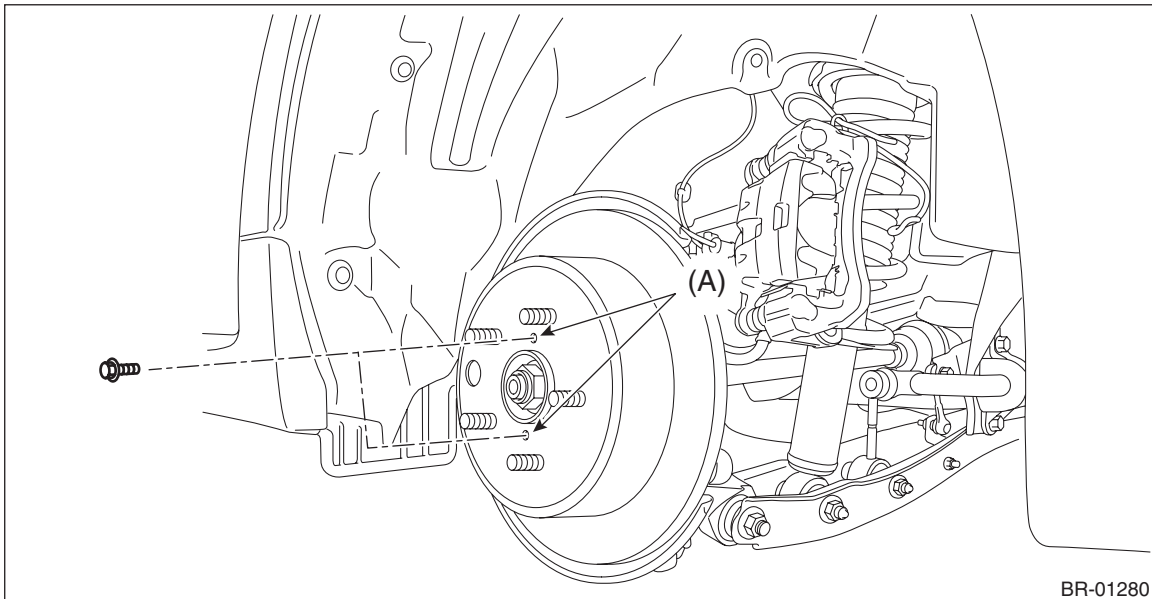
1. Remove the adjusting hole cover (A), and insert a flat tip screwdriver to loosen the adjuster assembly - rear brake.



PB-00247

- |                                |   |  |
|--------------------------------|---|--|
| (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 |  |

2. When the disc rotor is difficult to be removed from the hub unit COMPL - rear axle, screw in 8 mm (0.31 in) bolt to the threaded part of the disc rotor (A), and remove the disc rotor.



BR-01280

# Rear Disc Rotor

BRAKE

## B: INSTALLATION

NOTE:

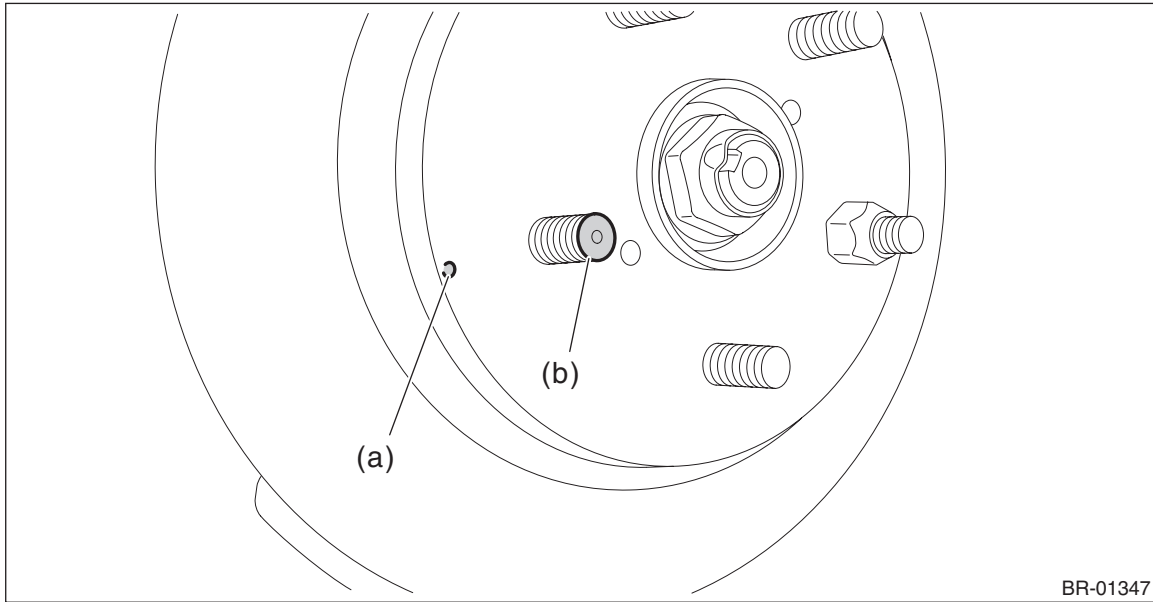
Before installation, remove mud and foreign matter from the caliper body assembly.

1) Before installation, check the rear disc rotor. <Ref. to BR-37, INSPECTION, Rear Disc Rotor.>

2) Install each part in the reverse order of removal.

NOTE:

When installing the rear disc rotor, match the alignment mark (a) of the rear disc rotor and the alignment mark (b) of the bolt - hub.



3) Adjust the parking brake. <Ref. to PB-21, ADJUSTMENT, Parking Brake Assembly (Rear Disc Brake).>

### **Tightening torque:**

**Brake hose bracket: 33 N·m (3.36 kgf-m, 24.3 ft-lb)**

**Mounting bolt: 66 N·m (6.73 kgf-m, 48.7 ft-lb)**

**Rear wheel: Except for C4 model**

**120 N·m (12.24 kgf-m, 88.5 ft-lb)**

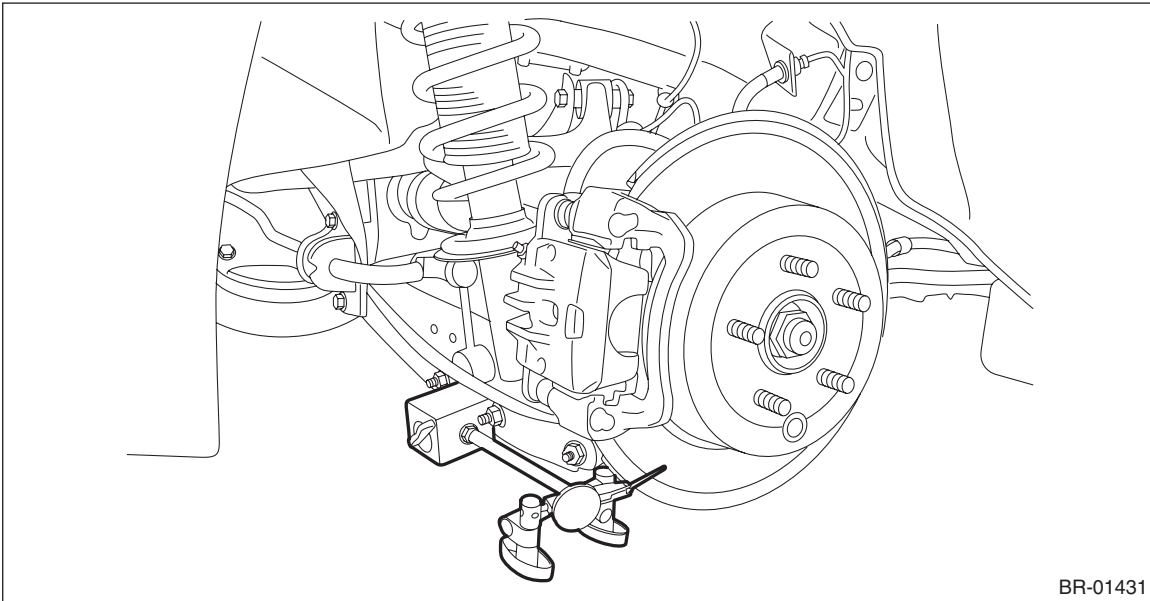
**Rear wheel: C4 model**

**100 N·m (10.20 kgf-m, 73.8 ft-lb)**

**C: INSPECTION****1. DISC ROTOR RUNOUT CHECK**

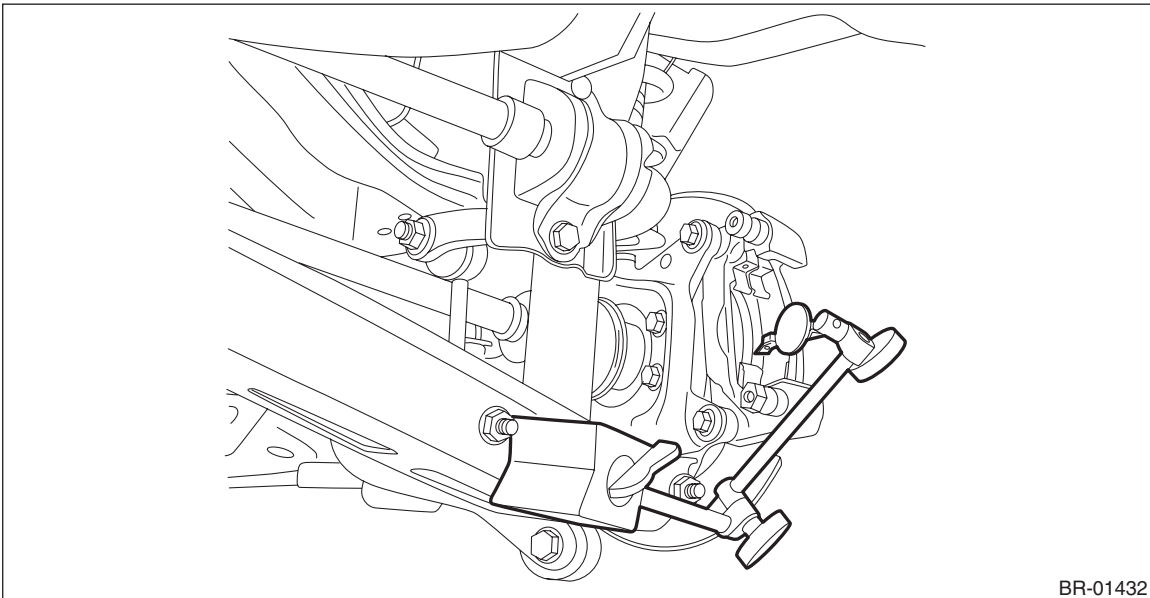
- 1) Check the hub unit COMPL - rear axle for free play and runout before the inspection of disc rotor runout limit. <Ref. to DS-55, INSPECTION, Rear Hub Unit Bearing.>
- 2) Check the disc rotor runout.
  - (1) Remove the caliper body assembly. <Ref. to BR-39, REMOVAL, Rear Disc Brake Assembly.>
  - (2) Secure the disc rotor by tightening the five wheel nuts.
  - (3) Set a dial gauge 10 mm (0.39 in) inward from the disc rotor outer circumference, and check the outer disc rotor runout while rotating the disc rotor.

**Disc rotor runout limit:**  
**0.05 mm (0.0020 in)**



- (4) Set a dial gauge 10 mm (0.39 in) inward from the disc rotor outer circumference, and check the inner disc rotor runout while rotating the disc rotor.

**Disc rotor runout limit:**  
**0.05 mm (0.0020 in)**



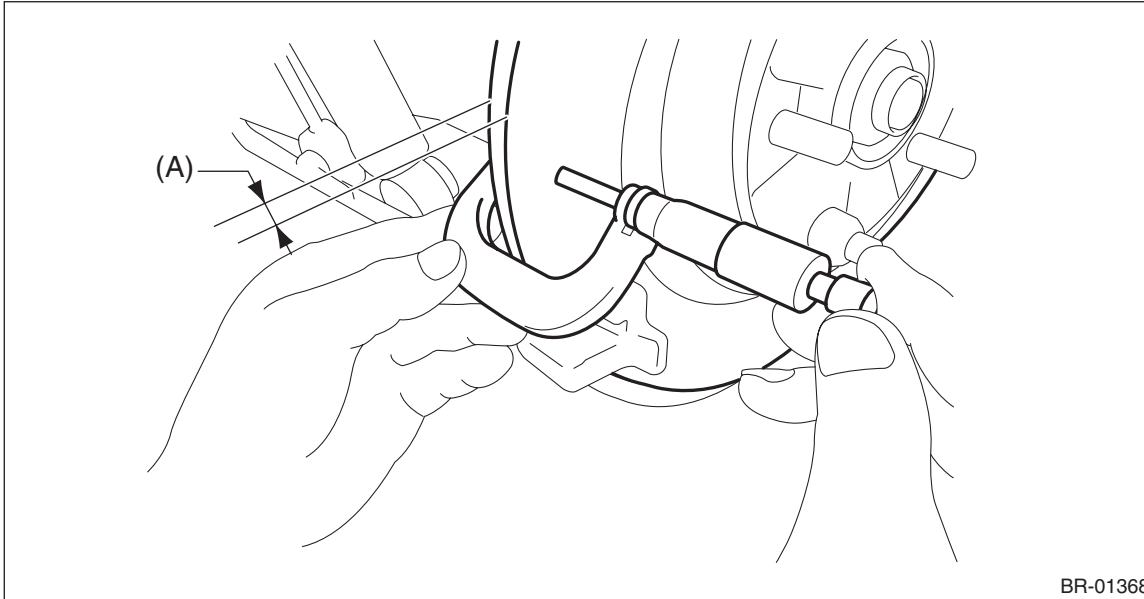
# Rear Disc Rotor

## BRAKE

- 3) If the disc rotor runout exceeds service limit, resurface the disc rotor.
- 4) Check the disc rotor thickness after resurfacing. <Ref. to BR-38, DISC ROTOR THICKNESS CHECK, INSPECTION, Rear Disc Rotor.>

### 2. DISC ROTOR THICKNESS CHECK

- 1) Set a micrometer 10 mm (0.39 in) inward from the disc rotor outer perimeter, and then measure the disc rotor thickness (A).



BR-01368

|                          | Type of disc rotor | Standard        | Wear limit       | Disc rotor outer diameter |
|--------------------------|--------------------|-----------------|------------------|---------------------------|
| Disc rotor thickness (A) | Solid disc         | 10 mm (0.39 in) | 8.5 mm (0.33 in) | 274 mm (10.79 in)         |

- 2) If the wear limit is exceeded in the inspection, replace the disc rotor.