

3. Front Disc Rotor

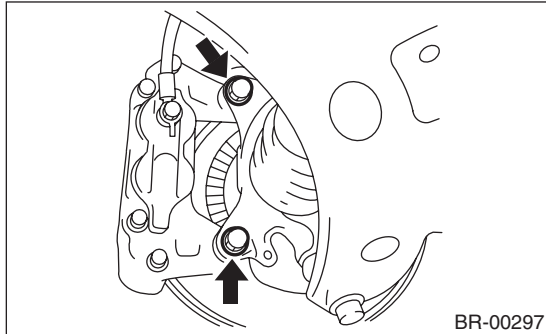
A: REMOVAL

- 1) Lift up the vehicle, and then remove the front wheels.
- 2) Remove the caliper body assembly from housing, and suspend it from the strut using a wire.

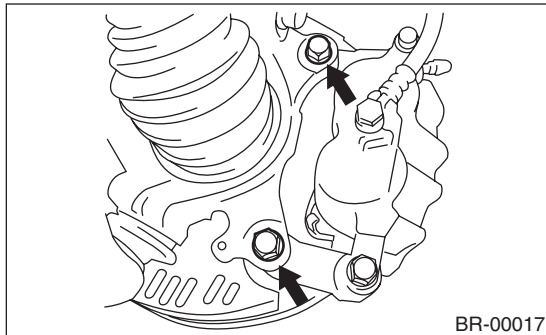
CAUTION:

Be careful not to stretch the brake hose.

- Brembo type



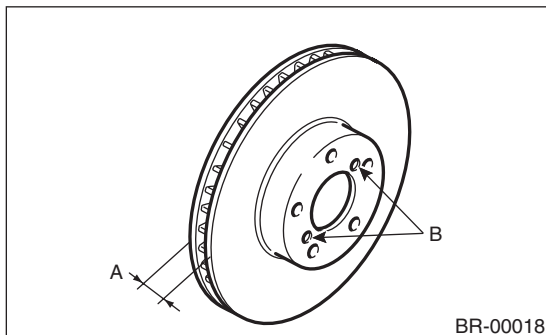
- Except for brembo type



- 3) Remove the disc rotor.

NOTE:

If it is difficult to remove the disc rotor from the hub, drive an 8 mm bolt into the threaded section (B) of the rotor, then remove the rotor.



- 4) Remove mud and foreign matter from the caliper body assembly.

B: INSTALLATION

- 1) Install the disc rotor.
- 2) Install the caliper body assembly to the housing.

Tightening torque:

Brembo type

155 N·m (15.81 kgf-m, 114.3 ft-lb)

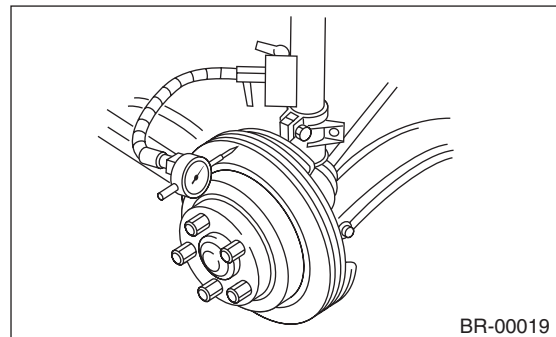
Except for brembo type

80 N·m (8.16 kgf-m, 59 ft-lb)

- 3) Install the front wheels.

C: INSPECTION

- 1) Check the front wheel bearing play and axle hub runout before the inspection of disc rotor runout limit. <Ref. to DS-17, INSPECTION, Front Axle.>
- 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. Rotate the disc rotor to check runout. If the disc rotor runout exceeds the limit, resurface the disc rotor. After grinding, check the thickness of the disc rotor according to the procedure in step 4).



Disc rotor runout limit:

Brembo type

0.075 mm (0.0030 in)

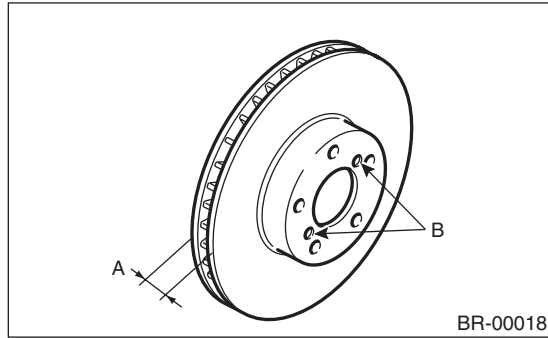
Except for brembo type

0.050 mm (0.0020 in)

Front Disc Rotor

BRAKE

4) Set a micrometer 10 mm (0.39 in) inward from the disc rotor outer perimeter, and then measure the disc rotor thickness. If the thickness A of the disc rotor exceeds the service limit, replace with a new disc rotor.



Disc rotor thickness A mm (in)	Standard	Limit	Disc rotor diameter
Brembo type	30 (1.18)	28 (1.10)	326 (12.83)
Except for Brembo type	24 (0.94)	22 (0.87)	294 (11.57)