

REASSEMBLY

1. TEMPORARILY TIGHTEN FRONT DISC BRAKE BLEEDER PLUG

- (a) Provisionally tighten the bleeder plug to the disc brake cylinder.
- (b) Install the bleeder plug cap onto the bleeder plug.

2. INSTALL PISTON SEAL

- (a) Apply lithium soap base glycol grease to 4 new piston seals.
- (b) Install the 4 piston seals onto the disc brake cylinder.

3. INSTALL FRONT DISC BRAKE PISTON

- (a) Apply lithium soap base glycol grease to the 4 disc brake pistons.
- (b) Install the 4 disc brake pistons onto the disc brake cylinder.

NOTICE:

Do not install the disc brake piston into the disc brake cylinder forcibly.

4. INSTALL CYLINDER BOOT

- (a) Apply lithium soap grease glycol grease to 4 new cylinder boots.
- (b) Install the 4 cylinder boots onto the disc brake cylinder.

HINT:

Install the cylinder boot securely onto the grooves of the disc brake cylinder and piston.

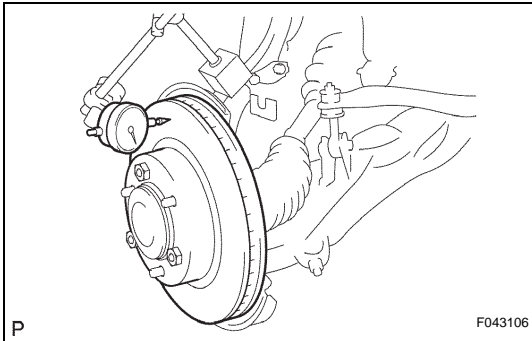
INSTALLATION

1. INSTALL FRONT DISC

- (a) Aligning the matchmarks, install the front disc.

HINT:

When replacing the disc with a new one, select the installation position where the disc has the minimum runout.



2. INSPECT DISC RUNOUT

- (a) Provisionally fasten the disc with the hub nuts.

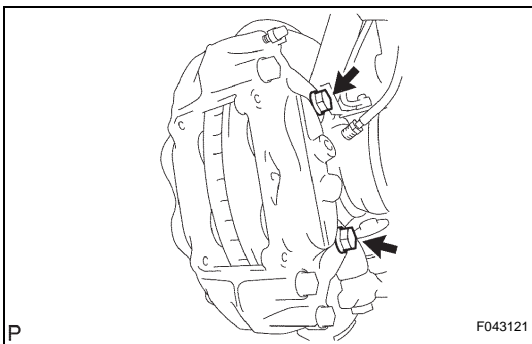
Torque: 113 N*m (1,152 kgf*cm, 83 ft.*lbf)

- (b) Using a dial indicator, measure the disc runout 10 mm (0.39 in.) away from the outer edge of the disc.

Maximum disc runout:

0.05 mm (0.0020 in.)

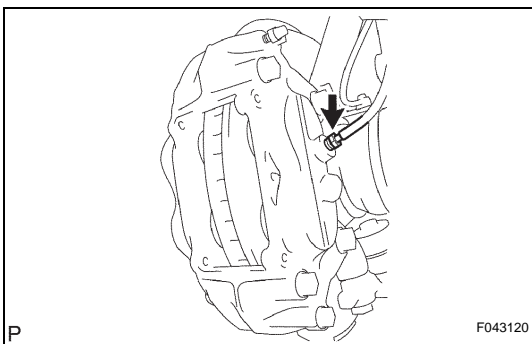
- (c) If the disc runout is the maximum value or greater, check the bearing play in the axial direction and check the axle hub runout (see page AH-1). If the bearing play and axle hub runout are normal, adjust the disc runout or grind it on an on-car brake lathe.



3. INSTALL DISC BRAKE CYLINDER ASSEMBLY

- (a) Install the disc brake cylinder assembly with the 2 bolts.

Torque: 123 N*m (1,254 kgf*cm, 91 ft.*lbf)



- (b) Using SST, connect the brake tube to the disc brake cylinder.

SST 09023-00101

Torque: 15.2 N*m (155 kgf*cm, 11 ft.*lbf)

4. INSTALL ANTI SQUEAL SHIM KIT FRONT

NOTICE:

If necessary, replace the anti-squeal shim kit when replacing the brake pad.

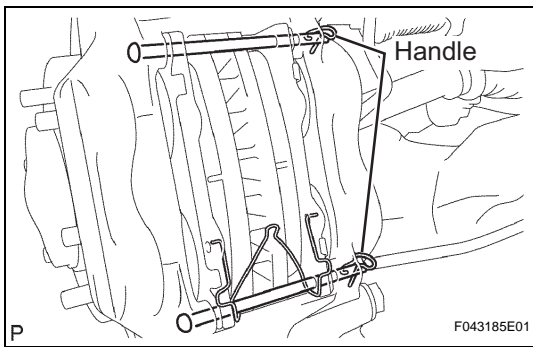
- (a) Install the anti-squeal shims on to each brake pad.

5. INSTALL DISC BRAKE PAD KIT FRONT (PAD ONLY)

- (a) Install the 2 disc brake pads with anti-squeal shim onto the disc brake cylinder.

NOTICE:

There should be no oil or grease on the friction surfaces of the brake pads and the front disc.



6. INSTALL FRONT DISC BRAKE ANTI RATTLE WITH HOLE PIN

- (a) Install the 2 anti rattle w/ hole pins and anti-rattle spring onto the disc brake cylinder.

HINT:

The anti-rattle spring is installed onto the lower anti-rattle w/ hole pin.

- (b) Install the 2 new pin hold clips with the anti-rattle w/ hole pin.

NOTICE:

Be sure to install the pin hold clip with the handle facing to the vehicle center.

7. **FILL RESERVOIR WITH BRAKE FLUID (w/ VSC) (See page BR-4)**
8. **FILL RESERVOIR WITH BRAKE FLUID (w/o VSC) (See page BR-7)**
9. **BLEED MASTER CYLINDER (w/o VSC) (See page BR-7)**
10. **BLEED BRAKE LINE (w/ VSC) (See page BR-4)**
11. **BLEED BRAKE LINE (w/o VSC) (See page BR-7)**
12. **CHECK FLUID LEVEL IN RESERVOIR (w/ VSC) (See page BR-6)**
13. **CHECK FLUID LEVEL IN RESERVOIR (w/o VSC) (See page BR-8)**
14. **CHECK FOR BRAKE FLUID LEAKAGE**
15. **INSTALL FRONT WHEEL**
Torque: 113 N*m (1,152 kgf*cm, 83 ft.*lbf)