

## REPLACEMENT

### 1. REMOVE FRONT WHEEL

Remove the wheel and temporarily fasten the disc with the hub nuts.

### 2. INSPECT PAD LINING THICKNESS

Check the pad thickness through the caliper inspection hole and replace the pads if they are not within the specification.

**Minimum thickness: 1.0 mm (0.039 in.)**

### 3. DISCONNECT FLEXIBLE HOSE FROM SHOCK ABSORBER

Remove the bolt and disconnect the flexible hose.

### 4. LIFT UP CALIPER

(a) Hold the sliding pin and remove the bottom side installation bolt.

HINT:

Do not disconnect the flexible hose from the brake caliper.

(b) Lift up the caliper and suspend it securely.

### 5. REMOVE 2 PADS WITH 4 ANTI-SQUEAL SHIMS

### 6. REMOVE 2 PAD SUPPORT PLATES

**NOTICE:**

The support plates can be used again provided that they have sufficient rebound, no deformation, cracks or wear, and remove all rust, dirt and foreign particles.

### 7. CHECK DISC THICKNESS AND RUNOUT (See page [BR-25](#))

### 8. INSTALL PAD SUPPORT PLATES

Install the 2 pad support plates.

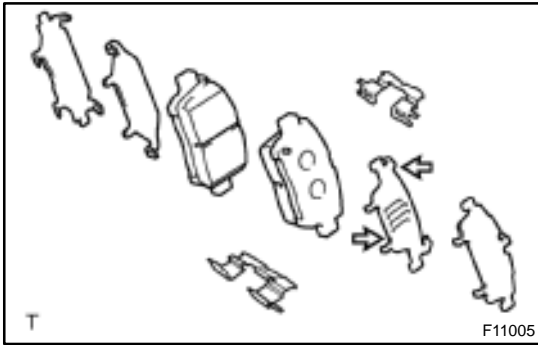
**NOTICE:**

Do not assemble the upper and lower pad support plates in reverse.

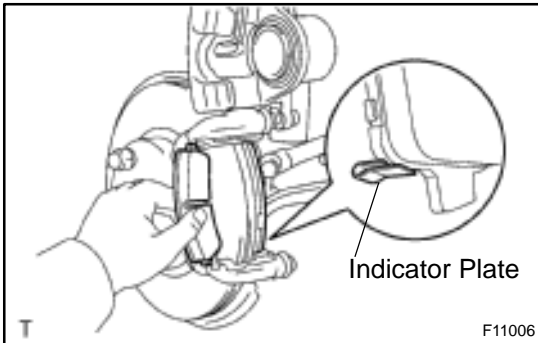
### 9. INSTALL NEW PADS

**NOTICE:**

When replacing worn pads, the anti-squeal shims must be replaced together with the pads.



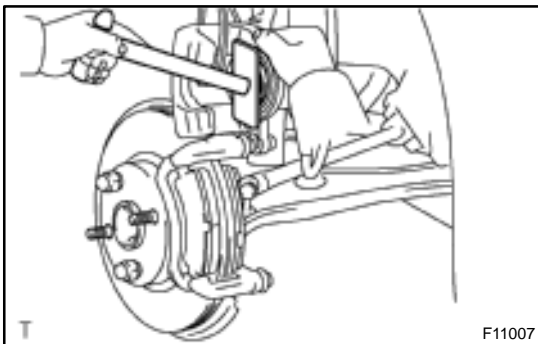
- (a) Apply disc brake grease to both sides of the inner anti-squeal shims position outside (See page BR-19).
- (b) Install the 2 anti-squeal shims on the outer pad.
- (c) Install the 2 anti-squeal shims on the inter pad.



- (d) Install the inside pads with the pad wear indicator plate facing downward.
- (e) Install the outside pad.

**NOTICE:**

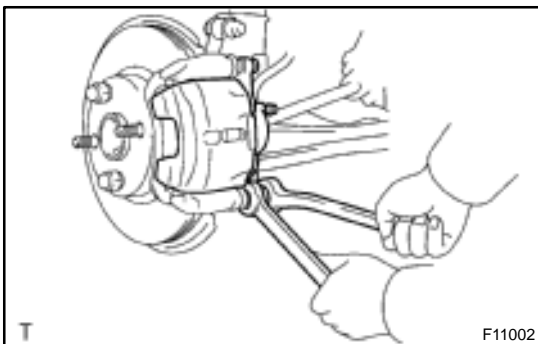
**There should be no oil or grease adhering to the friction surfaces of the pads or the disc.**

**10. INSTALL CALIPER**

- (a) Draw out a small amount of brake fluid from the reservoir.
- (b) Press in the piston with a hammer handle or similar implement.

**HINT:**

If the piston is difficult to push in, loosen the bleeder plug and push in the piston while letting some brake fluid escape.



- (c) Temporarily install the cylinder on the torque plate with bottom side installation bolt.
- (d) Hold the sliding pin and torque the installation bolt.  
**Torque: 34 N·m (350 kgf·cm, 25 ft·lbf)**

**11. CONNECT FLEXIBLE HOSE FROM SHOCK ABSORBER**

Connect the brake hose and install the bolt.

**Torque: 29 N·m (296 kgf·cm, 21 ft·lbf)**

**12. INSTALL FRONT WHEEL**

**Torque: 103 N·m (1,050 kgf·cm, 76 ft·lbf)**

**13. DEPRESS BRAKE PEDAL SEVERAL TIMES****14. CHECK THAT FLUID LEVEL IS AT MAX LINE**