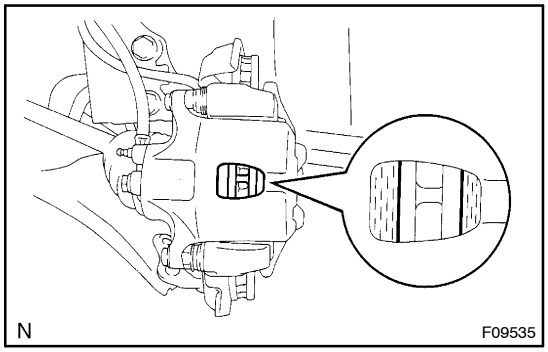
BR15U–01



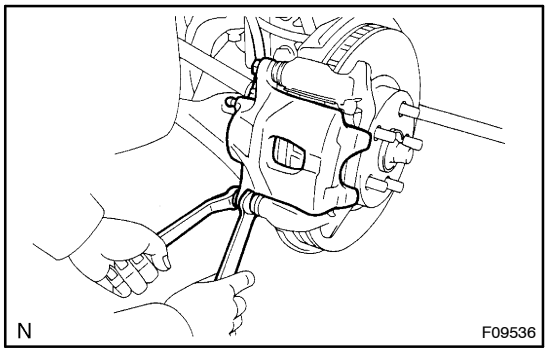
REPLACEMENT

1. REMOVE FRONT WHEEL

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. 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.

4. REMOVE 2 PADS WITH 4 ANTI–SQUEAL SHIMS AND PAD WEAR INDICATOR PLATES

5. REMOVE 2 PAD SUPPORT PLATE

NOTICE:

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

6. CHECK DISC THICKNESS AND RUNOUT

(See page BR–31)

7. INSTALL PAD SUPPORT PLATES

Install the 2 pad support plates.

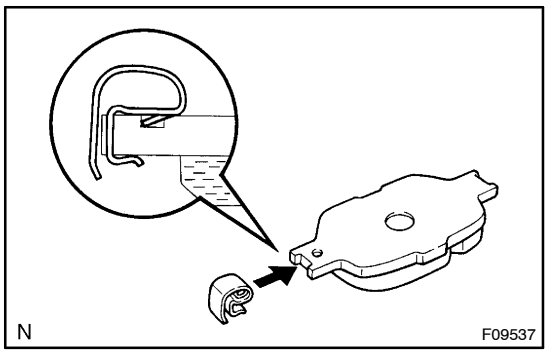
NOTICE:

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

8. INSTALL NEW PADS

NOTICE:

When replacing worn pads, the anti–squeal shims and wear indicator plates must be replaced together with the pads.



(a) 2ZZ–GE engine:
Install a pad wear indicator plate on the each pad.

(b) 2ZZ–GE engine:
Apply disc brake grease to both sides of each inner anti–squeal shim (See page BR–24).

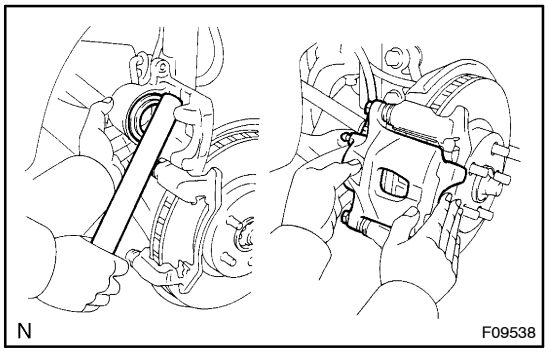
(c) 1ZZ–FE engine:
Apply disc brake grease to both sides of the inner anti–squeal shim position outside (See page BR–24).

(d) Install the 2 anti–squeal shims on each pad.

(e) Install the pads with the pad wear indicator plate facing upward.

NOTICE:

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



9. 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) Install the caliper.

(d) Hold the sliding pin and torque the installation bolts.
Torque: 34 N·m (350 kgf·cm, 25 ft·lbf)

10. INSTALL FRONT WHEEL
Torque: 103 N·m (1,050 kgf·cm, 76 ft·lbf)

11. DEPRESS BRAKE PEDAL SEVERAL TIMES

12. CHECK THAT FLUID LEVEL IS AT MAX LINE