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Model Year: 2007	Model: FJ Cruiser	Doc ID: RM00000171E001X
Title: BRAKE: FRONT BRAKE: INSTALLATION (2007 FJ Cruiser)		

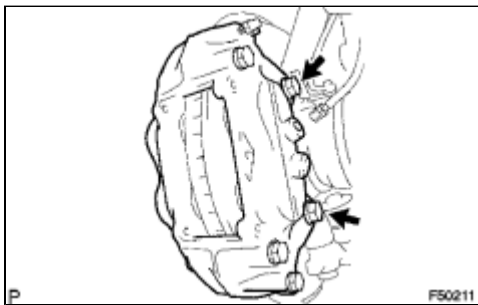
INSTALLATION

1. INSTALL FRONT DISC

(a) Align the matchmarks of the disc and axle hub and install the disc.

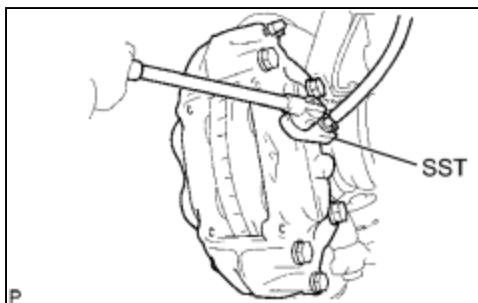
When replacing the disc, select the position that gives the minimum disc runout.

2. INSTALL DISC BRAKE CYLINDER ASSEMBLY



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

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



(b) Using SST, install the brake tube onto the disc brake cylinder.

SST: 09023-00101

for use without SST - Torque: 15 N·m (155 kgf·cm, 11 ft·lbf)

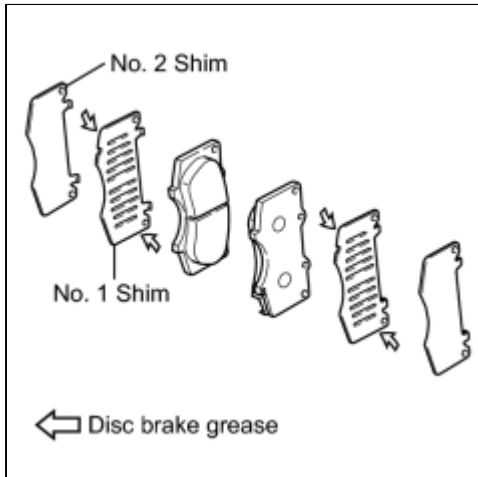
for use with SST - Torque: 14 N·m (143 kgf·cm, 10 ft·lbf)

- Use a torque wrench with a fulcrum length of 300 mm (11.81 in.).
- This torque value is effective when SST is parallel to the torque wrench.

3. INSTALL FRONT ANTI SQUEAL SHIM KIT

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

(a) Apply disc brake grease to both sides of each No. 1



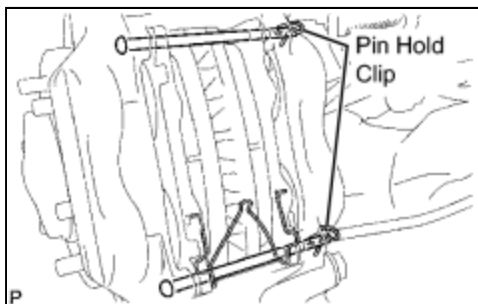
shim.

(b) Install the No. 1 and No. 2 anti squeal shims onto each brake pad.

4. INSTALL FRONT DISC BRAKE PAD

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

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



5. INSTALL FRONT DISC BRAKE ANTI RATTLE WITH HOLE PIN

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

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

(b) Install the 2 new pin hold clips onto the hole pin.

Install the pin hold clip with its handle oriented in the center of the vehicle.

6. FILL RESERVOIR WITH BRAKE FLUID

INFO

7. BLEED BRAKE LINE

INFO

8. CHECK FLUID LEVEL IN RESERVOIR

INFO

9. CHECK FOR BRAKE FLUID LEAKAGE

10. INSTALL FRONT WHEEL

Torque: 112 N·m (1,137 kgf·cm, 82 ft·lbf)

