

INSPECTION

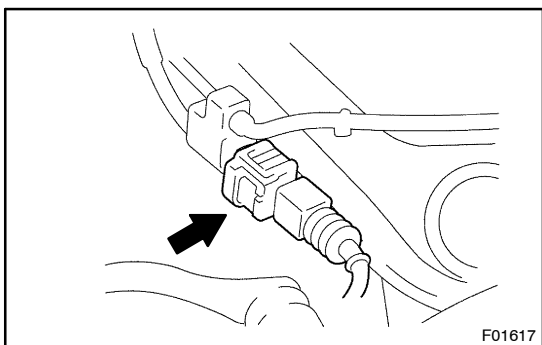
1. MEASURE PAD LINING THICKNESS

Using a ruler, measure the pad lining thickness.

Standard thickness: 10.0 mm (0.394 in.)

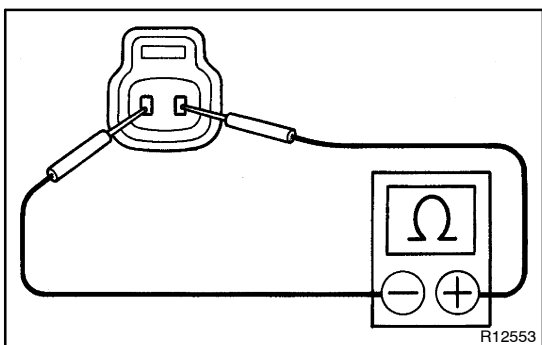
Minimum thickness: 1.0 mm (0.039 in.)

Replace the pad if the pad's thickness is at the minimum or less, or if the pad has severe, uneven wear.



2. RIGHT WHEEL: INSPECT BRAKE PAD WEAR INDICATOR

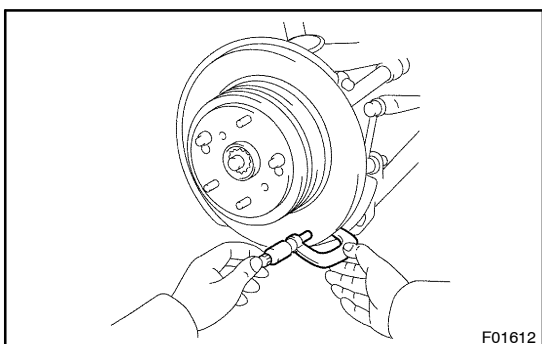
- (a) Disconnect the pad wear indicator connector from the speed sensor wire harness.



- (b) Check that continuity exists of pad wear indicator connector.

If no continuity exists, replace the pad wear indicator.

- (c) Connect the connector to the speed sensor wire harness until the clicking sound can be heard.



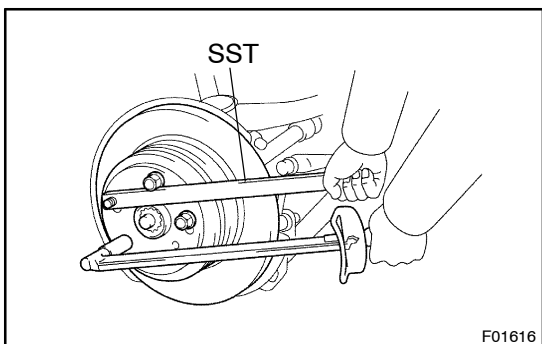
3. MEASURE DISC THICKNESS

Using a micrometer, measure the disc thickness.

Standard thickness: 16.0 mm (0.630 in.)

Minimum thickness: 15.0 mm (0.591 in.)

Replace the disc if the thickness of the disc is at the minimum or less. Replace the disc or grind it on a lathe if it is scored or worn unevenly.



4. MEASURE DISC RUNOUT

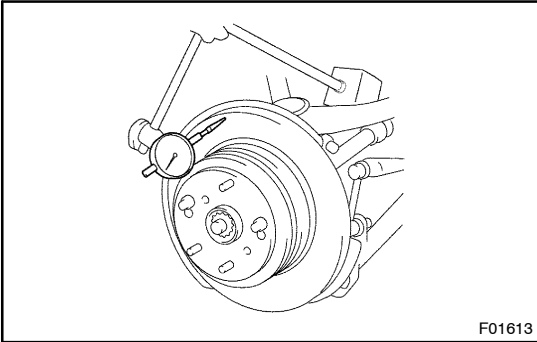
- (a) Tighten the disc with the 3 hub nuts.

HINT:

Using SST to hold the disc during measurement.

SST 09330-00021

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



(b) Using a dial indicator, measure the disc runout at a position 10 mm (0.39 in.) from the outside edge.

Maximum disc runout: 0.05 mm (0.0020 in.)

If the disc's runout is at the maximum value or greater, check the bearing play in the axial direction and check the axle hub runout (See page SA-52). If the bearing play and axle hub runout are not abnormal, adjust the disc runout or grid it on a "On-Car" brake lathe.

5. IF NECESSARY, ADJUST DISC

- (a) Remove the 2 bolts and torque plate.
- (b) Remove the 3 hub nuts, 2 screws and disc. Reinstall the disc 1/5 of a turn round from its original position on the hub. Install and torque the 3 hub nuts and 2 screws.

HINT:

Use SST to hold the disc during loosening/torquing the hub nuts.

SST 09330-00021

Torque:

Hub nut 103 N·m (1,050 kgf·cm, 76 ft·lbf)

Screw 5.4 N·m (55 kgf·cm, 48 in·lbf)

- (c) Remeasure the disc runout. Make a note of the runout and the disc's position on the hub.
- (d) Repeat (b) until the disc has been installed on the 3 remaining hub positions.
 - If the minimum runout recorded in (b) and (c) is less than 0.05 mm (0.0020 in.), install the disc in that position.
 - If the minimum runout recorded in (b) and (c) is greater than 0.05 mm (0.0020 in.), replace the disc and repeat step 4.
- (e) Install the torque plate and 2 bolts.

Torque: 104 N·m (1,065 kgf·cm, 77 ft·lbf)