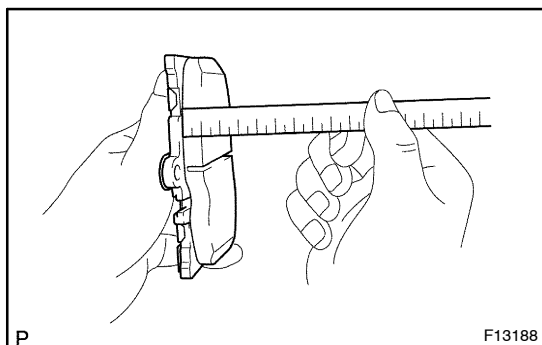


## INSPECTION

### 1. INSPECT 4 RETAINERS

The retainers are non-reusable parts, Replace the caliper if they are cracked or deformed, or if they come off.



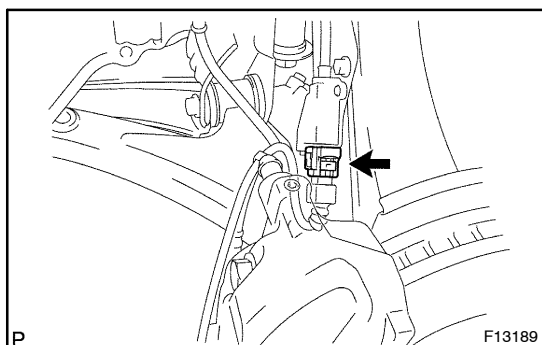
### 2. MEASURE PAD LINING THICKNESS

Using a ruler, measure the pad lining thickness.

**Standard thickness: 11.0 mm (0.433 in.)**

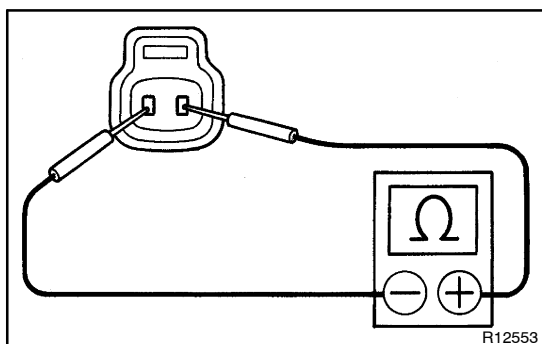
**Minimum thickness: 1.0 mm (0.039 in.)**

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



### 3. RIGHT WHEEL: INSPECT PAD WEAR INDICATOR

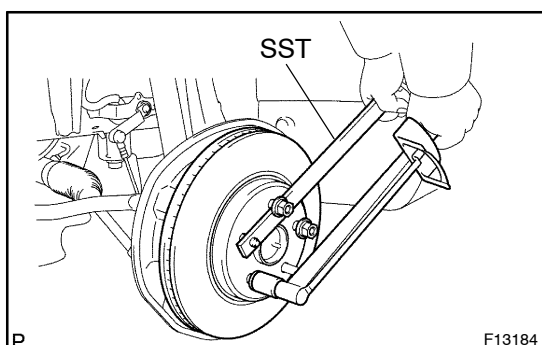
- (a) Disconnect the pad wear indicator connector from the speed sensor wire harness.



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

If no continuity exists, replace the pad wear indicator assembly.

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



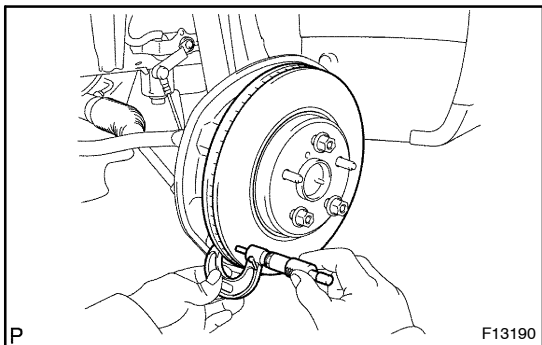
### 4. MEASURE DISC THICKNESS

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

**HINT:**

Use SST 09330-00021 to hold the disc during measurement.

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

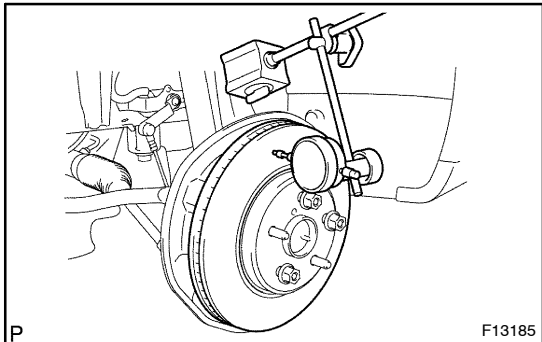


(b) Using a micrometer, measure the disc thickness.

**Standard thickness: 30.0 mm (1.181 in.)**

**Minimum thickness: 28.0 mm (1.102 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.



## 5. MEASURE DISC RUNOUT

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

**Europe, Middle East, Australia:**

**Maximum disc runout: 0.02 mm (0.0008 in.)**

**Except Europe, Middle East, Australia:**

**Maximum disc runout: 0.05 mm (0.0020 in.)**

If the disc's runout is maximum value or greater, check the bearing play in the axial direction and check the axle hub runout (See page SA-12). If the bearing play and axle hub runout are not abnormal, adjust the disc runout or grind it on a "On-Car" brake lathe.

## 6. IF NECESSARY, ADJUST DISC RUNOUT

(a) Remove the 3 hub nuts and disc. Reinstall the disc, to which 1/5 rotation is made from its original position on the hub. Install and torque the 3 hub nuts.

Remeasure the disc runout. Make a note of the runout of the disc's position on the hub.

HINT:

Use SST 09330-00021 to hold the disc during loosening/torquing the hub nuts.

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

- (b) Repeat (a) until the disc has been installed on the 3 remaining hub position.
- (c) If the minimum runout recorded in (a) and (b) is less than maximum standard value, install the disc in that position.
- (d) If the minimum runout recorded in (a) and (b) is greater than maximum standard value, replace the disc and repeat step 5.