

INSPECTION

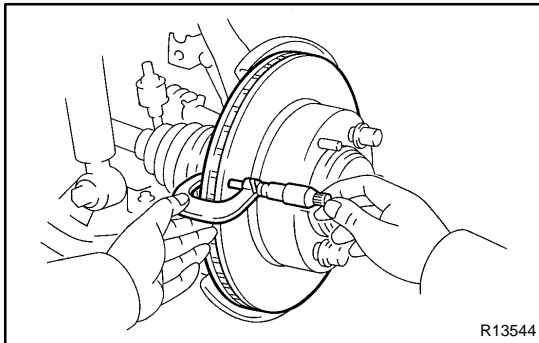
1. MEASURE PAD LINING THICKNESS

Using a ruler, measure the pad lining thickness.

Standard thickness: 11.5 mm (0.453 in.)

Minimum thickness: 1.0 mm (0.039 in.)

Replace the pad if the thickness is less than the minimum (the 1.0 mm slit is no longer visible), or if it shows signs of uneven wear.



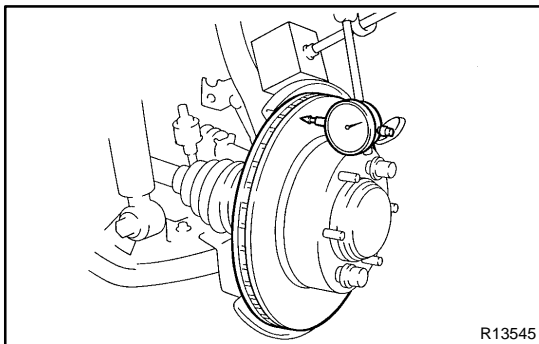
2. MEASURE DISC THICKNESS

Using a micrometer, measure the disc thickness.

Standard thickness: 22.0 mm (0.866 in.)

Minimum thickness: 20.0 mm (0.787 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.



3. MEASURE DISC RUNOUT

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

Maximum disc runout: 0.07 mm (0.0028 in.)

If the runout is greater than the maximum, replace the disc or grind it on a "On-Car" brake lathe.

HINT:

Before measuring the runout, confirm that the front hub bearing play is within the specification.

4. IF NECESSARY, ADJUST DISC RUNOUT

- (a) Remove the hub nuts and disc. Reinstall the disc 1/6 of a turn round from its original position on the hub. Install and torque the hub nuts.

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

- (b) Remeasure the disc runout. Make a note of the runout and the disc's position on the hub.
- (c) Repeat (a) and (b) until the disc has been installed on the 4 remaining hub position.

- If the minimum runout recorded in (a) to (c) is less than the maximum disc runout, install the disc in that position.
- If the minimum runout recorded in (a) to (c) is greater than the maximum disc runout, replace the disc and repeat step 3.