

INSPECTION

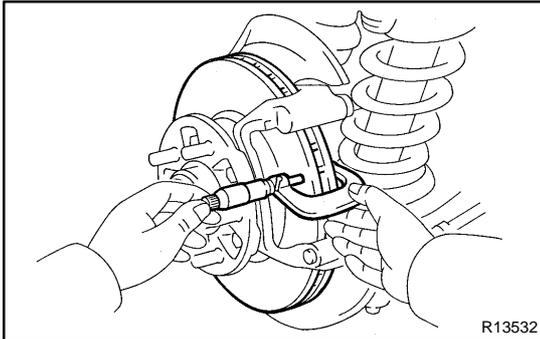
1. MEASURE PAD LINING THICKNESS

Using a ruler, measure the pad lining thickness.

Standard thickness: 12.0 mm (0.472 in.)

Minimum thickness: 1.0 mm (0.039 in.)

Replace the pad if the thickness is less than the minimum or if it shows signs of uneven wear.



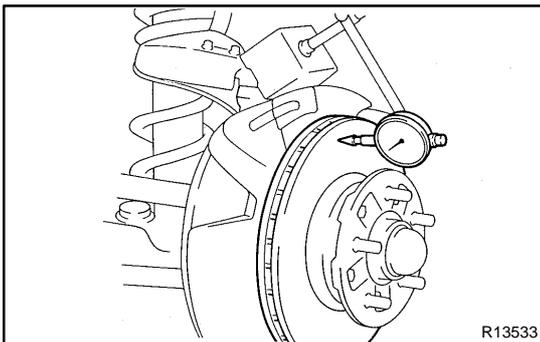
2. MEASURE DISC THICKNESS

Using a micrometer, measure the disc thickness.

Standard thickness: 22.0 mm (0.866 in.)

Minimum thickness: 20.0 mm (0.787 in.)

If the disc is scored or worn, or if its thickness is less than the minimum, repair or replace the disc.



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:

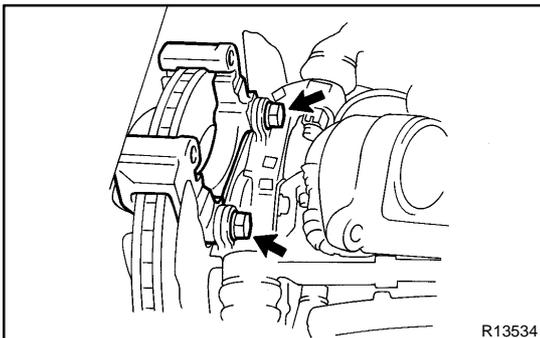
Before measuring the runout, confirm that the front hub bearing play is within the specification.

4. IF NECESSARY, REPLACE DISC

- (a) Remove the torque plate from the knuckle.
- (b) Remove the axle hub (See page SA-15).
- (c) Remove the disc from the axle hub.
- (d) Install a new disc and torque the bolts.

Torque: 64 N·m (650 kgf·cm, 47 ft·lbf)

- (e) Install the axle hub and adjust the front bearing preload (See page SA-19).



- (f) Install the torque plate onto the knuckle.
Torque: 108 N·m (1,100 kgf·cm, 80 ft·lbf)