

INSPECTION

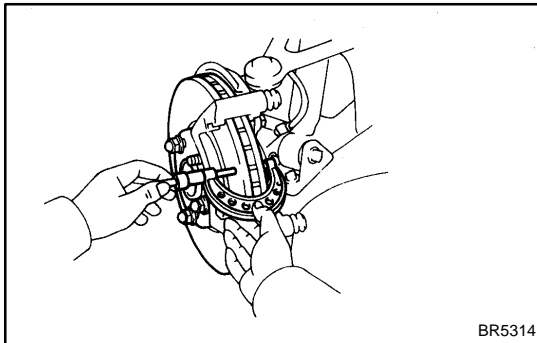
1. MEASURE PAD LINING THICKNESS

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 thickness or less, or if the pad has severe and uneven wear.



2. MEASURE DISC THICKNESS

Using a micrometer, measure the disc thickness.

Standard thickness:

SC400: 32.0 mm (1.260 in.)

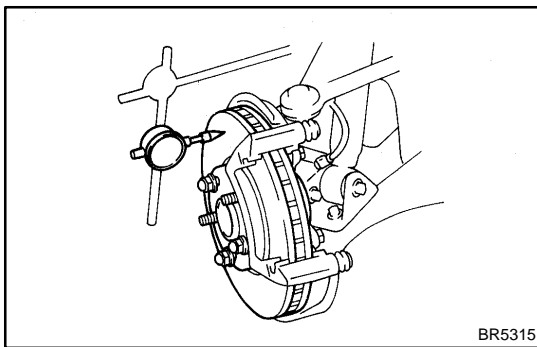
SC300: 28.0 mm (1.102 in.)

Minimum thickness:

SC400: 30.0 mm (1.181 in.)

SC300: 26.0 mm (1.024 in.)

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

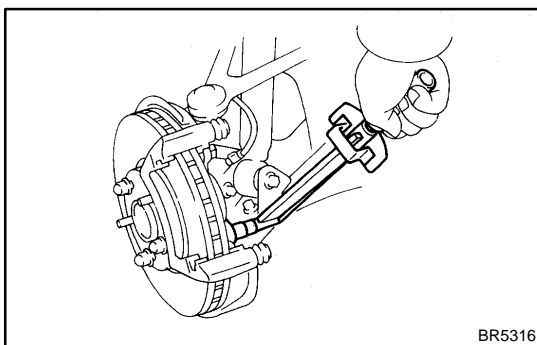


3. MEASURE DISC RUNOUT

Using a dial indicator, measure the disc runout at a position 10 mm (0.39 in.) away 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-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.



4. IF NECESSARY, ADJUST DISC RUNOUT

- Remove the 2 bolts and torque plate from the knuckle.
- Remove the hub nuts and the disc. Reinstall the disc rotating 1/5 of a turn from its original position on the hub. Install and torque the hub nuts.
Torque: 103 N·m (1,050 kgf·cm, 76 ft·lbf)
- Remeasure the disc runout. Make a note of the runout and the disc's position on the hub.
- Repeat (b) and (c) until the disc has been installed on the 2 remaining hub positions.

- If the minimum runout recorded in (b) to (d) is less than 0.05 mm (0.0020 in.), install the disc in that position.
 - If the minimum runout recorded in (b) to (d) is greater than 0.05 mm (0.0020 in.), replace the disc and repeat step 3.
- (e) Install the torque plate and torque the mounting bolts.
Torque: 118 N·m (1,200 kgf·cm, 87 ft·lbf)