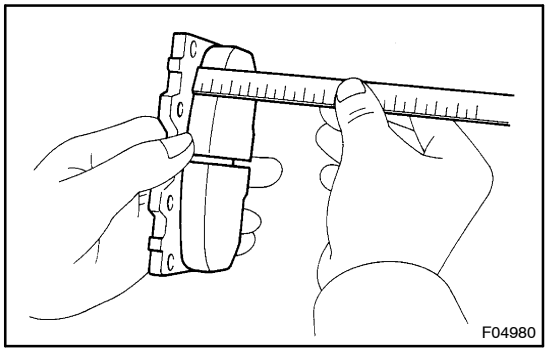
BR0VD–02

INSPECTION



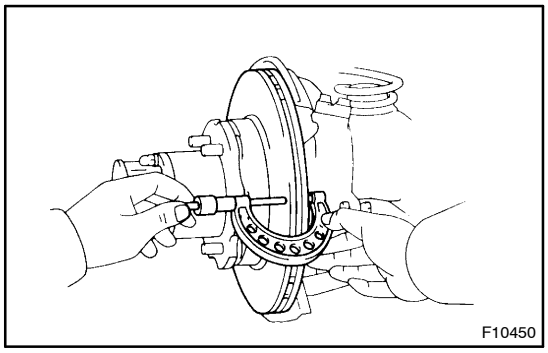
1. MEASURE PAD LINING THICKNESS

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 pad's thickness is at the minimum or if it shows signs of uneven wear.



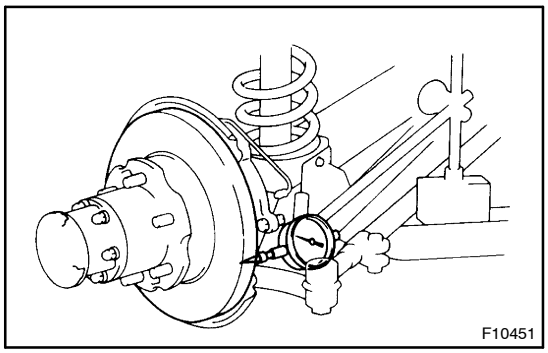
2. MEASURE DISC THICKNESS

Using a micrometer, measure the disc thickness.

Standard thickness: 32.0 mm (1.260 in.)

Minimum thickness: 30.0 mm (1.181 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 scored or is 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 an "On–Car" brake lathe.

HINT:

Before measuring the runout, confirm that the front bearing preload is within the specification (See page SA–9).

4. IF NECESSARY, REPLACE DISC

(a) Remove the front axle hub (See page SA–6).

(b) Remove the disc from the axle hub (See page SA–7).

(c) Install a new disc and torque the 5 bolts.

Torque: 74 N·m (750 kgf·cm, 54 ft·lbf)

(d) Install the axle hub and adjust the front bearing preload (See page SA–9).