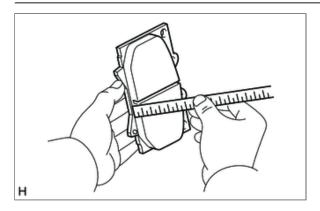
BRAKE (FRONT) FRONT BRAKE INSPECTION

# **PROCEDURE**

## **■** 1.CHECK BRAKE CYLINDER AND PISTON

**a.** Check the cylinder bore and piston for rust and scoring. If necessary, replace the cylinder and piston.

## **2.CHECK PAD LINING THICKNESS**



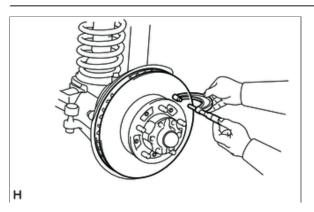
**a.** Using a ruler, measure the pad lining thickness.

```
Standard thickness:
11.5 mm (0.453 in.)
Minimum thickness:
```

1.0 mm (0.0394 in.)

If the pad lining thickness is less than the minimum, replace the pad.

#### 3.CHECK DISC THICKNESS



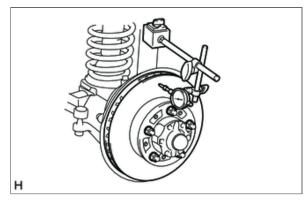
Using a micrometer, measure the disc thickness.

```
Standard Thickness:
32 mm (1.260 in.):
Minimum Thickness:
30 mm (1.181 in.):
```

If the disc thickness is less than the minimum, replace the disc.







Check the front axle hub bearing looseness and front axle hub runout. Click hereDrivetrain>AXLE AND DIFFERENTIAL>FRONT AXLE HUB>INSTALLATION

**b.** Install the disc with the 5 hub nuts.

#### **Torque:**

131 N\*m (1336 kgf\*cm, 97 ft.\*lbf)

c. Using a dial indicator, measure the disc runout 10 mm (0.394 in.) from the outer edge of the disc.

Maximum disc runout: 0.07 mm (0.00276 in.)

If the runout is more than the maximum, change the installation position of the disc so that the runout is the smallest possible. If the runout is more than the maximum even when the installation position is changed, grind the disc. If the disc thickness is less than the minimum, replace the disc.

d. Remove the 5 nuts and disc.

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