

## DISASSEMBLY

### 1. REMOVE REAR DISC BRAKE CYLINDER MOUNTING COLLAR

- (a) Remove the 2 cylinder mounting collars from the disc brake cylinder.

### 2. REMOVE REAR DISC BRAKE BUSH DUST BOOT

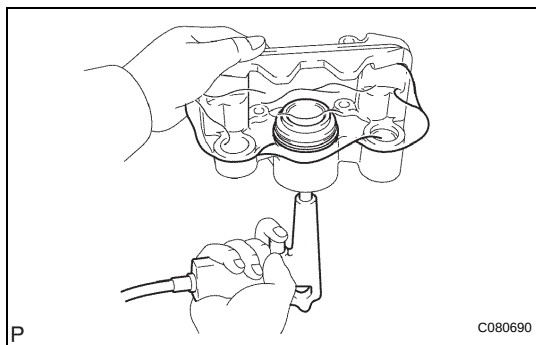
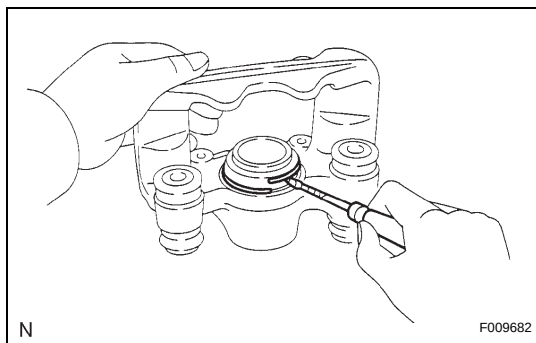
- (a) Remove the 3 bush dust boots.

### 3. REMOVE CYLINDER BOOT

- (a) Using a screwdriver, remove the set ring and cylinder boot.

### 4. REMOVE REAR DISC BRAKE PISTON

- (a) Place a piece of cloth or similar, between the piston and the disc brake cylinder.



- (b) Use compressed air to remove the piston from the disc brake cylinder.

#### CAUTION:

**Do not place your fingers in front of the piston when using compressed air.**

#### NOTICE:

**Do not spatter the brake fluid.**

### 5. REMOVE PISTON SEAL

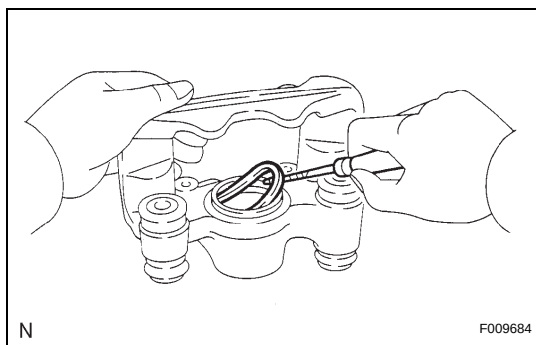
- (a) Using a screwdriver, remove the piston seal from the brake cylinder.

#### NOTICE:

**Do not damage the inner cylinder and the cylinder groove.**

### 6. REMOVE REAR DISC BRAKE BLEEDER PLUG

- (a) Remove the disc brake bleeder plug cap and bleeder plug from the rear disc brake cylinder.



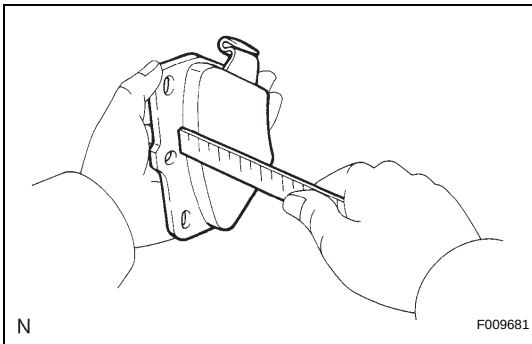
### 7. REMOVE REAR DISC

- (a) Make matchmarks on the rear disc and the axle hub.
- (b) Remove the rear disc.

## INSPECTION

### 1. INSPECT BRAKE CYLINDER AND PISTON

- (a) Check the cylinder bore and piston for rust or scoring.



### 2. INSPECT PAD LINING THICKNESS

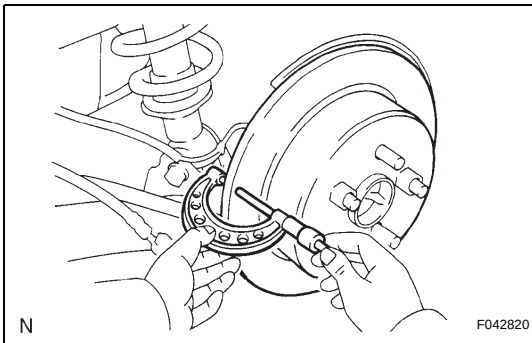
- (a) Using a ruler, measure the pad lining thickness.

**Standard thickness:**

**10.0 mm (0.394 in.)**

**Minimum thickness:**

**1.0 mm (0.039 in.)**



### 3. INSPECT DISC THICKNESS

- (a) Using a micrometer, measure the disc thickness.

**Standard thickness:**

**9.0 mm (0.354 in.)**

**Minimum thickness:**

**7.5 mm (0.295 in.)**

### 4. INSPECT DISC RUNOUT

- (a) Temporarily fasten the disc with hub nuts.

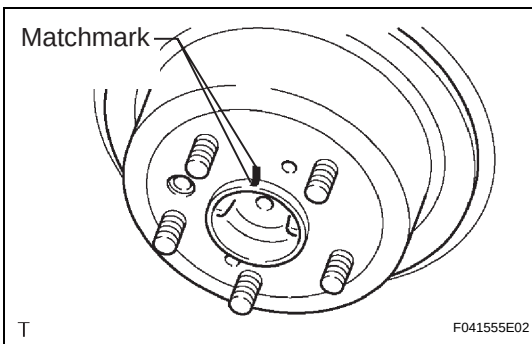
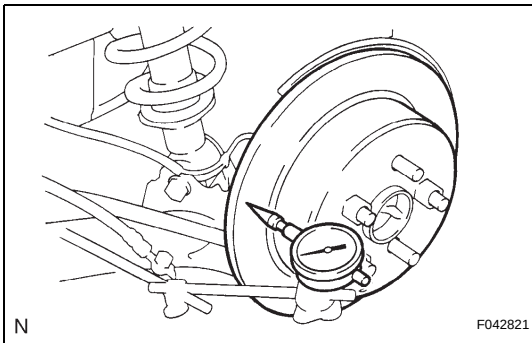
**Torque: 103 N\*m (1,050 kgf\*cm, 76 ft.\*lbf)**

- (b) Using a dial indicator, measure the disc runout 10 mm (0.39 in.) away from the outer edge of the disc.

**Maximum disc runout:**

**0.15 mm (0.0059 in.)**

- (c) If the disc runout is the maximum value or greater, check the bearing play in the axial direction and check the axle hub runout (See page [AH-13](#)). If the bearing play and axle hub runout are normal, adjust the disc runout or grind it on a "On-car" brake lathe.



## REASSEMBLY

### 1. INSTALL REAR DISC

- (a) Aligning the matchmarks, install the rear disc.

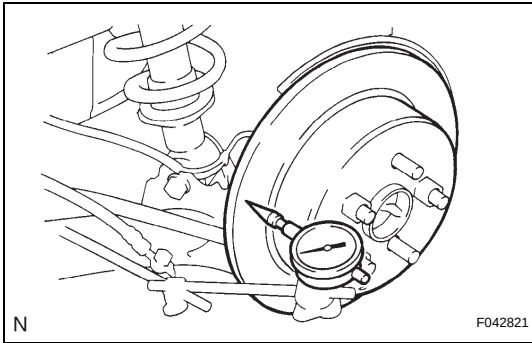
**HINT:**

Select the installation position where the disc has the minimum runout.

### 2. INSPECT DISC RUNOUT

- (a) Temporarily fasten the disc with hub nuts.

**Torque: 103 N\*m (1,050 kgf\*cm, 76 ft.\*lbf)**



- (b) Using a dial indicator, measure the disc runout 10 mm (0.39 in.) away from the outer edge of the disc.

**Maximum disc runout:**

**0.15 mm (0.0059 in.)**

- (c) If the disc runout is the maximum value or greater, check the bearing play in the axial direction and check the axle hub runout (See page [AH-13](#)). If the bearing play and axle hub runout are normal, adjust the disc runout or grind it on a "On-car" brake lathe.

### 3. TEMPORARILY TIGHTEN REAR DISC BRAKE BLEEDER PLUG

- (a) Temporarily tighten the bleeder plug, and install the bleeder plug cap to the disc brake cylinder.

### 4. INSTALL PISTON SEAL

- (a) Apply the lithium soap base glycol grease on a new piston seal.  
(b) Install the piston seal to the disc brake cylinder.

### 5. INSTALL REAR DISC BRAKE PISTON

- (a) Apply the lithium soap base glycol grease on the piston.  
(b) Install the piston to the disc brake cylinder.

**NOTICE:**

**Do not screw the piston forcedly in the disc brake cylinder.**

### 6. INSTALL CYLINDER BOOT

- (a) Apply the lithium soap base glycol grease on a new cylinder boot.  
(b) Install the cylinder boot to the disc brake cylinder.

**HINT:**

Install the boot securely to the grooves of the cylinder and piston.

- (c) Using a screwdriver, install the set ring.

**NOTICE:**

**Do not damage the cylinder boot.**

### 7. INSTALL REAR DISC BRAKE BUSH DUST BOOT

- (a) Apply the lithium soap base glycol grease to seal surface of 3 new bush dust boots.

