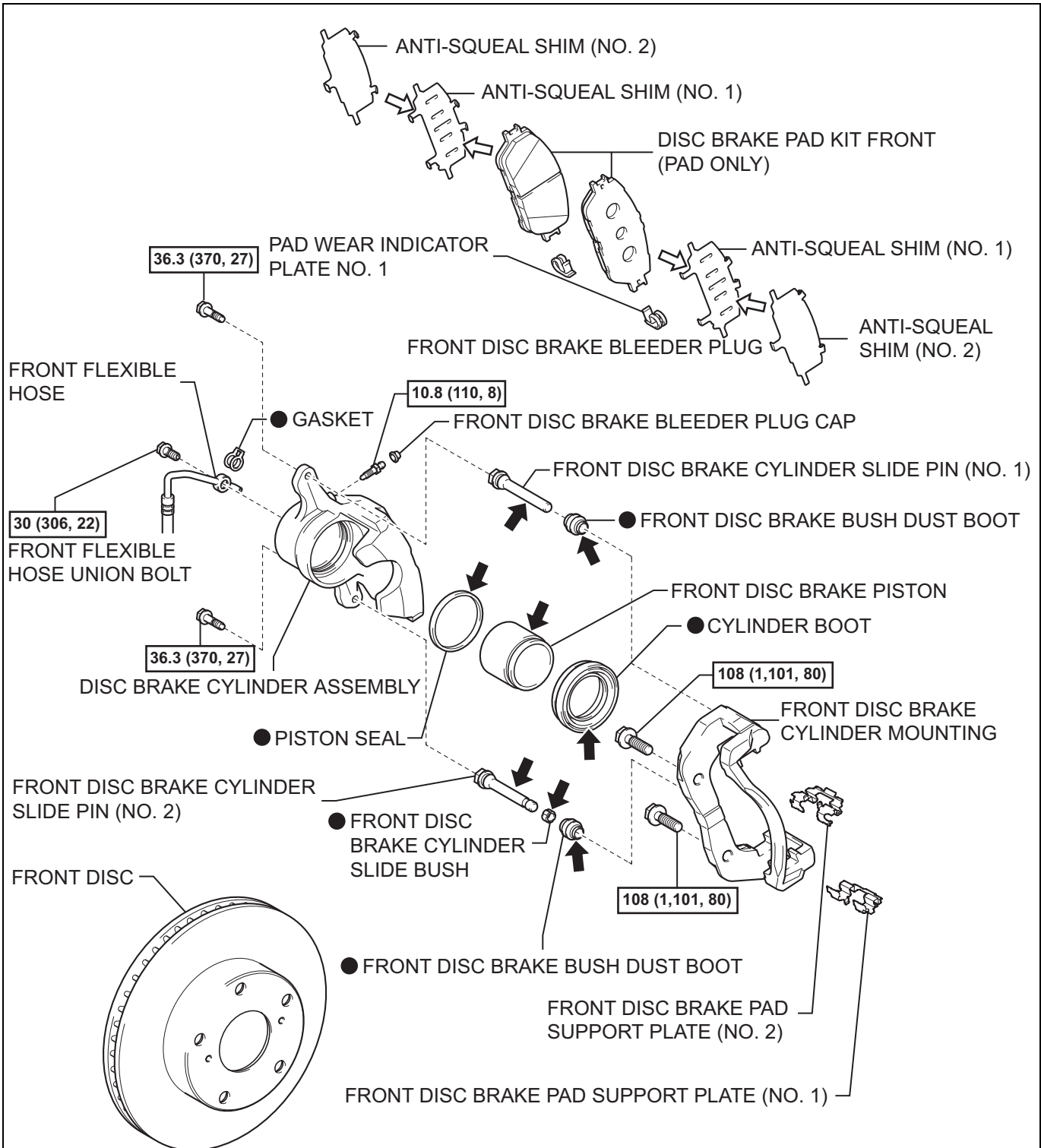


# FRONT BRAKE (for 2WD)

## COMPONENTS



BR

**N\*m (kgf\*cm, ft\*lb)** : Specified torque ← Lithium soap base glycol grease

● Non-reusable part ← Disc brake grease

## REMOVAL

### 1. REMOVE FRONT WHEEL

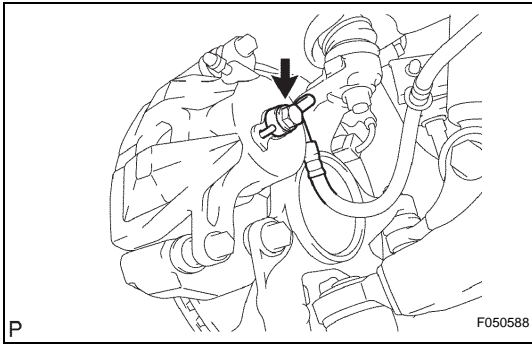
### 2. DRAIN BRAKE FLUID

#### NOTICE:

Immediately wash off any brake fluid that comes into contact with any painted surfaces.

### 3. REMOVE DISC BRAKE CYLINDER ASSEMBLY

- (a) Remove the union bolt and gasket from the disc brake cylinder, then disconnect the flexible hose.



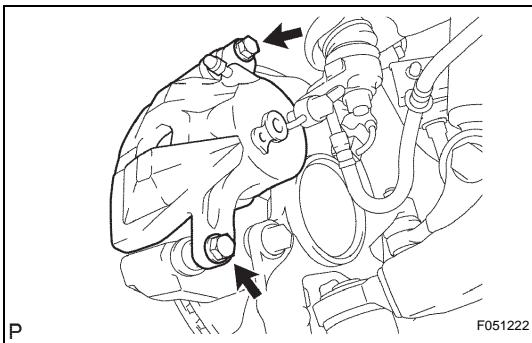
- (b) Hold the disc brake cylinder slide pin and remove the 2 bolts.

### 4. REMOVE DISC BRAKE PAD KIT FRONT (PAD ONLY)

- (a) Remove the 2 disc brake pads with anti-squeal shim from the disc brake cylinder mounting.

### 5. REMOVE ANTI SQUEAL SHIM KIT FRONT

- (a) Remove the 4 anti-squeal shims from each pad.  
(b) Remove the pad wear indicator plate from each pad.

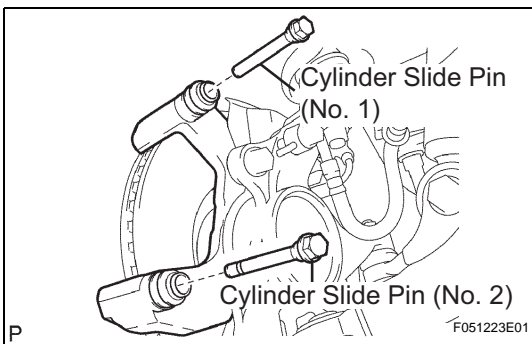


### 6. REMOVE FRONT DISC BRAKE PAD SUPPORT PLATE

- (a) Remove the 2 disc brake pad support plates from the disc brake cylinder mounting.

### 7. REMOVE FRONT DISC BRAKE CYLINDER SLIDE PIN

- (a) Remove the disc brake cylinder slide pin from the disc brake cylinder mounting.

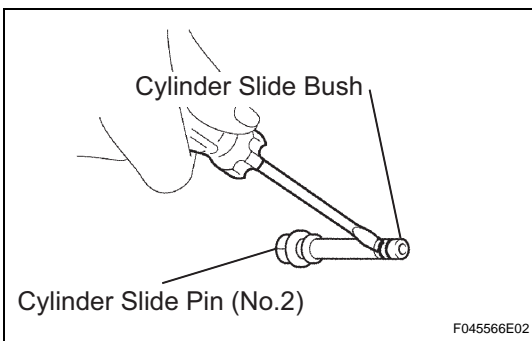


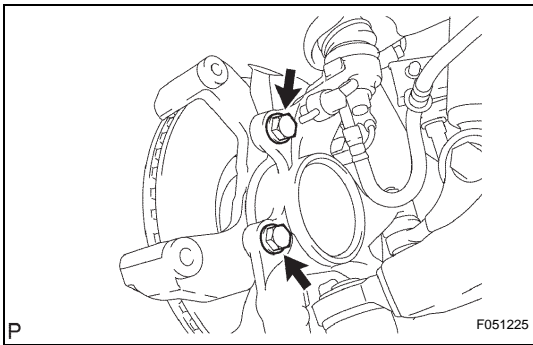
### 8. REMOVE FRONT DISC BRAKE CYLINDER SLIDE BUSH

- (a) Using a screwdriver, remove the disc brake cylinder slide bush from the disc brake cylinder slide pin (No. 2).

#### NOTICE:

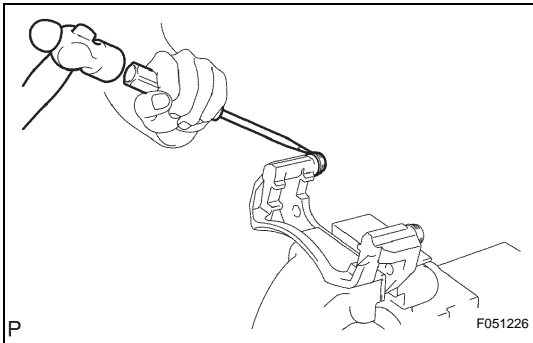
Be careful not to damage the disc brake cylinder slide pin (No. 2).





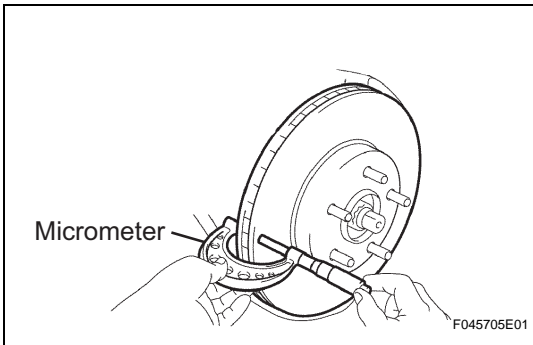
## 9. REMOVE FRONT DISC BRAKE CYLINDER MOUNTING

- (a) Remove the 2 bolts and disc brake cylinder mounting.



## 10. REMOVE FRONT DISC BRAKE BUSH DUST BOOT

- (a) Place soft jaws on a vise and hold the disc brake cylinder mounting in the vise through aluminum plates.
- (b) Using a screwdriver and hammer, remove the 2 disc brake bush dust boots from the disc brake cylinder mounting.



## 11. INSPECT DISC THICKNESS

- (a) Using a micrometer, measure the disc thickness.  
**Standard thickness:**  
**25.0 mm (0.984 in.)**  
**Minimum thickness:**  
**23.0 mm (0.906 in.)**  
 If the disc thickness is less than the minimum, replace the disc.

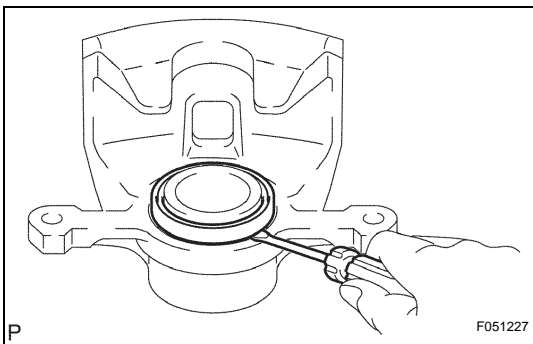
## 12. REMOVE FRONT DISC

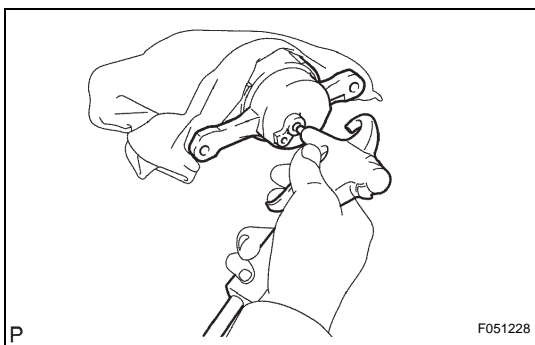
- (a) Make matchmarks on the front disc and the axle hub.
- (b) Remove the front disc.

## DISASSEMBLY

### 1. REMOVE CYLINDER BOOT

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



**2. REMOVE FRONT DISC BRAKE PISTON**

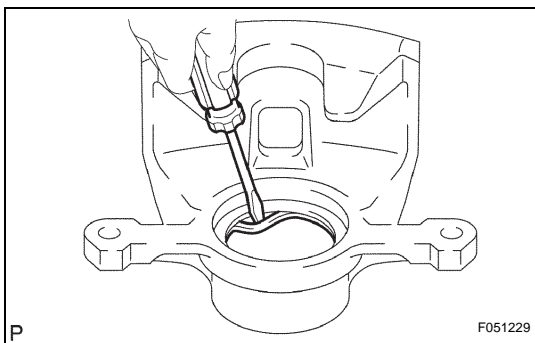
- (a) Place a shop rag or equivalent between the disc brake piston and disc brake cylinder.
- (b) Use compressed air to remove the disc brake piston from the disc brake cylinder.

**CAUTION:**

**Be careful not to place your fingers in front of the piston when using compressed air.**

**NOTICE:**

**Be careful not to spatter the brake fluid.**

**3. REMOVE PISTON SEAL**

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

**NOTICE:**

**Be careful not to damage the inner cylinder or cylinder groove.**

**4. REMOVE FRONT DISC BRAKE BLEEDER PLUG**