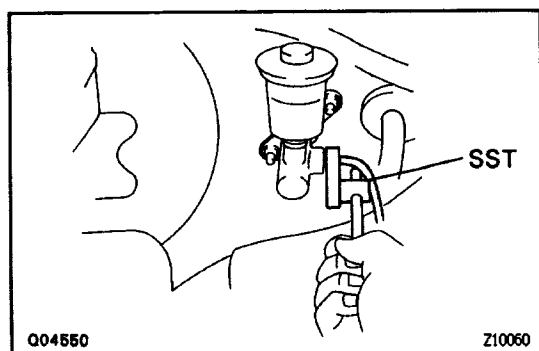
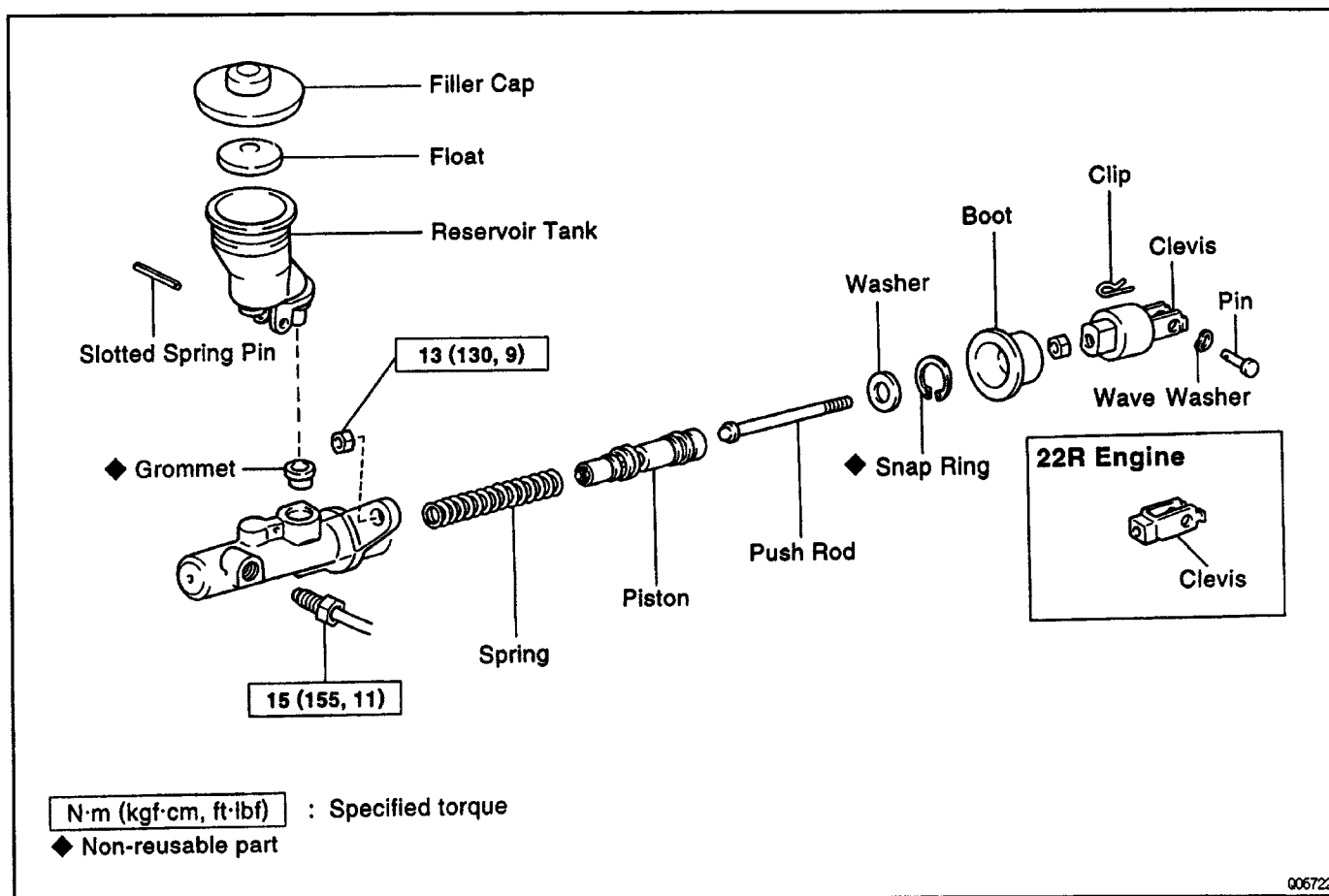


# CLUTCH MASTER CYLINDER COMPONENTS



## MASTER CYLINDER REMOVAL

### 1. DRAW OUT FLUID WITH SYRINGE

### 2. REMOVE PUSH ROD PIN

Remove clip, pin and wave washer.

### 3. DISCONNECT CLUTCH LINE UNION

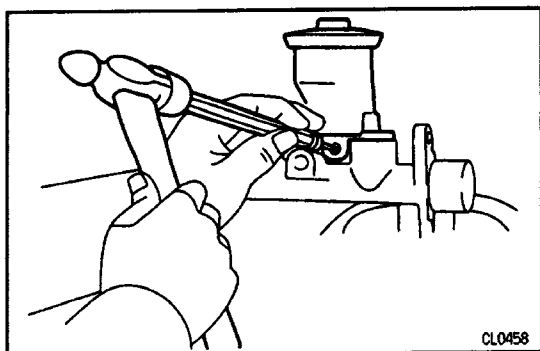
Using SST, disconnect the union nut.

SST 09023-00100

### 4. REMOVE MASTER CYLINDER

(a) Remove the 2 mounting nuts.

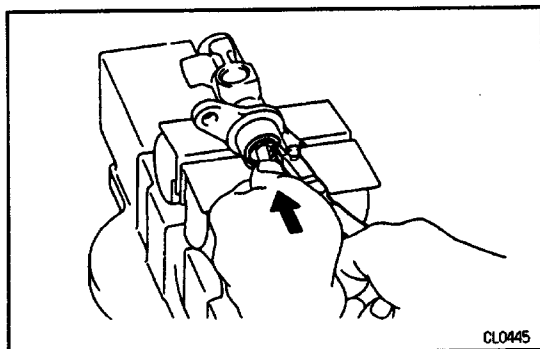
(b) Pull out the master cylinder.



## MASTER CYLINDER DISASSEMBLY

### 1. REMOVE RESERVOIR TANK

- (a) Using a pin punch and hammer, drive out the slotted spring pin.
- (b) Remove reservoir tank and grommet.



### 2. REMOVE PUSH ROD

- (a) Pull back the boot and, using snap ring pliers, remove the snap ring.
- (b) Pull out the push rod and washer.
- (c) Remove the piston from the cylinder.

## MASTER CYLINDER INSPECTION

HINT: Clean the disassembled parts with compressed air.

### 1. INSPECT MASTER CYLINDER BORE FOR SCORING OR CORROSION

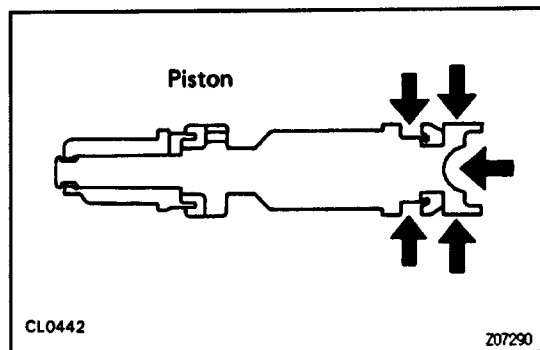
If a problem is found, clean or replace the cylinder.

### 2. INSPECT PISTON AND CUPS FOR WEAR, SCORING, CRACKS OR SWELLING

If either one requires replacement, use the parts from the cylinder kit.

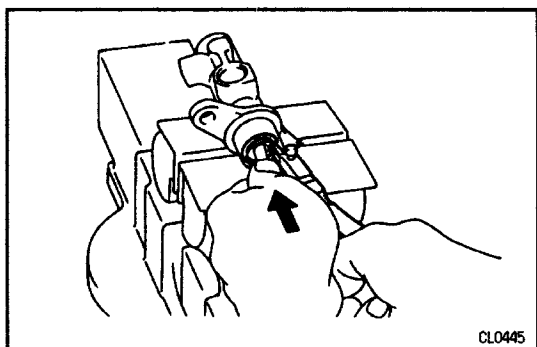
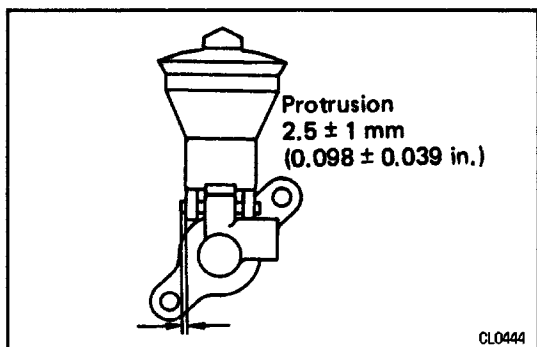
### 3. INSPECT PUSH ROD FOR WEAR OR DAMAGE

If necessary, replace the push rod.

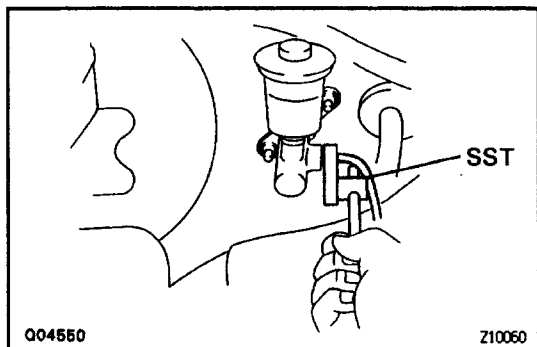


## MASTER CYLINDER ASSEMBLY

1. COAT PARTS WITH LITHIUM SOAP BASE GLYCOL GREASE, AS SHOWN
2. INSERT PISTON INTO CYLINDER

**3. INSTALL PUSH ROD ASSEMBLY WITH SNAP RING****4. INSTALL RESERVOIR TANK**

- (a) Install reservoir tank and new grommet.
- (b) Using a pin punch and hammer, drive in the slotted spring pin.

**MASTER CYLINDER INSTALLATION****1. INSTALL MASTER CYLINDER**

Install the mounting nut, and torque them.

Torque: 13 N-m (130 kgf-cm, 9 ft-lbf)

**2. CONNECT CLUTCH LINE UNION**

Using SST, connect the union.

SST 09023-00100

Torque: 15 N-m (155 kgf-cm, 11 ft-lbf)

**3. CONNECT PUSH ROD AND INSTALL PIN**

Install the clip in the push rod pin.

**4. BLEED SYSTEM AND ADJUST CLUTCH PEDAL**

(See page [CL-6](#), 7)