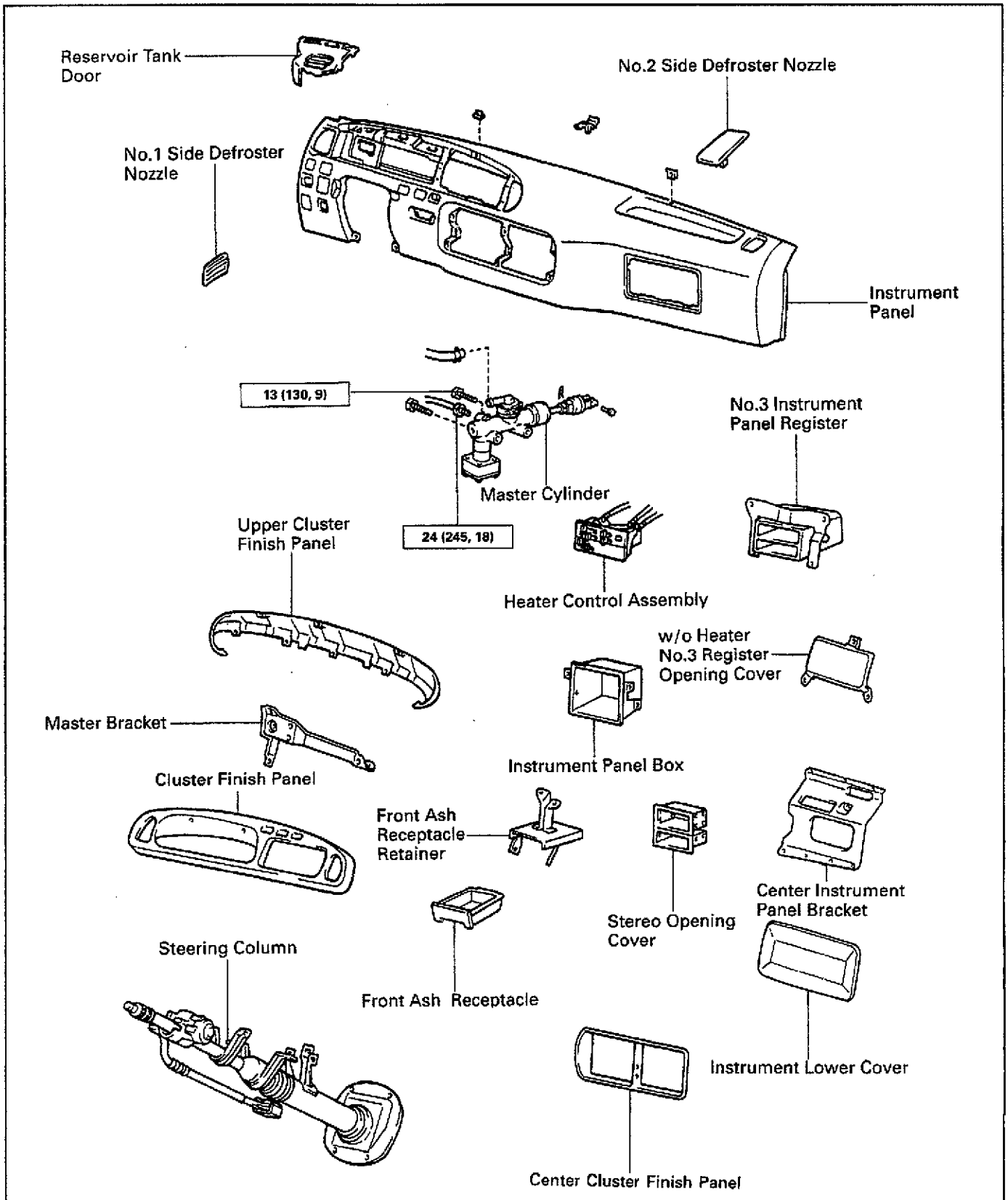
CLUTCH MASTER CYLINDER

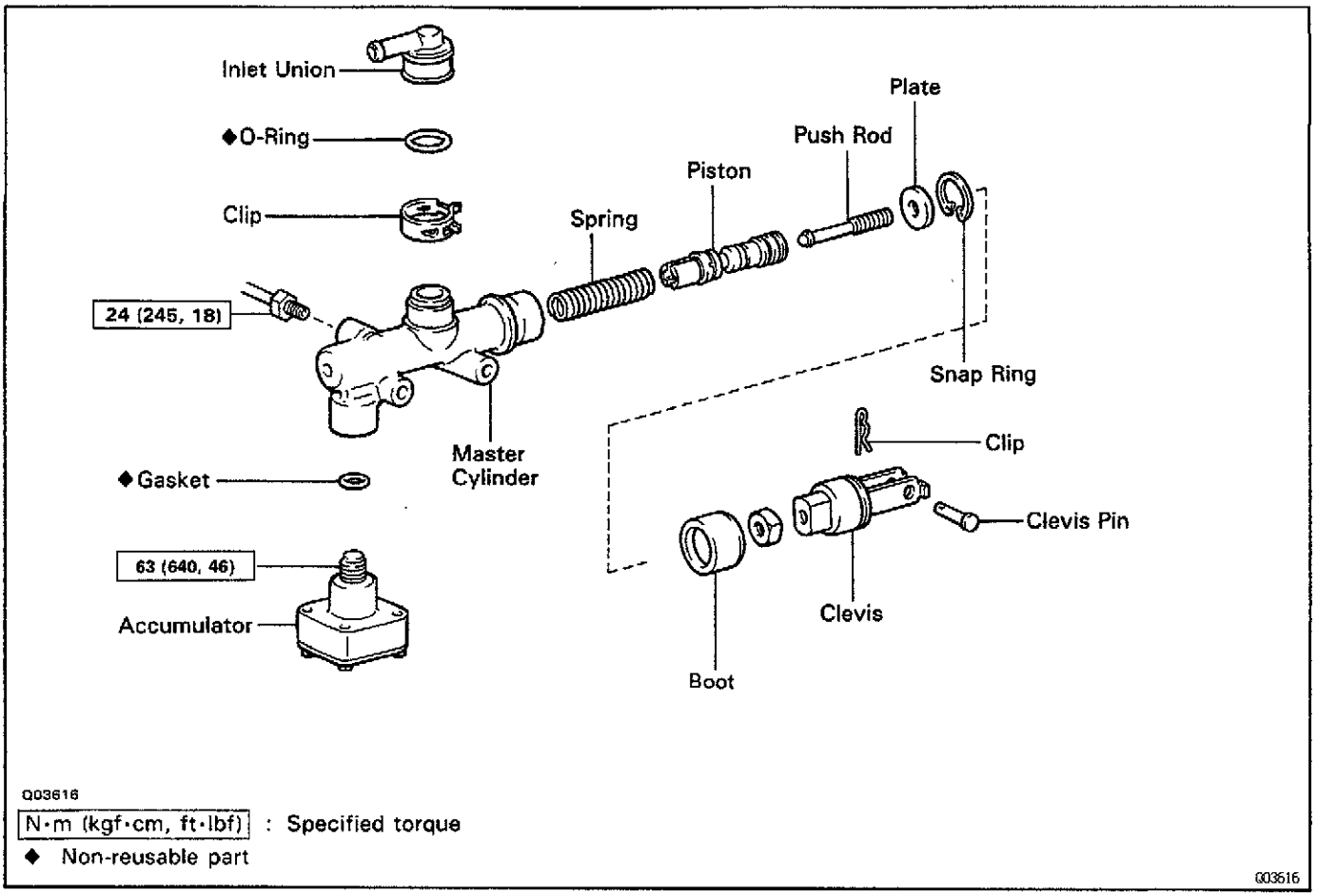
COMPONENTS

CL047-02



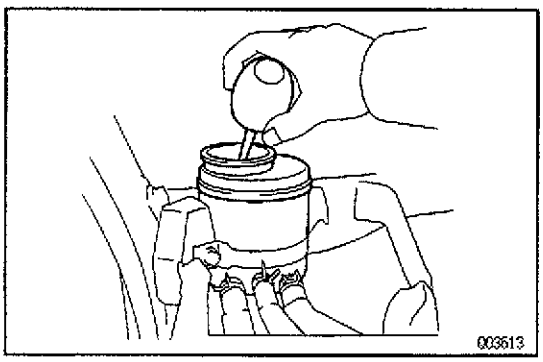
N·m (kgf·cm, ft·lbf) : Specified torque

004993

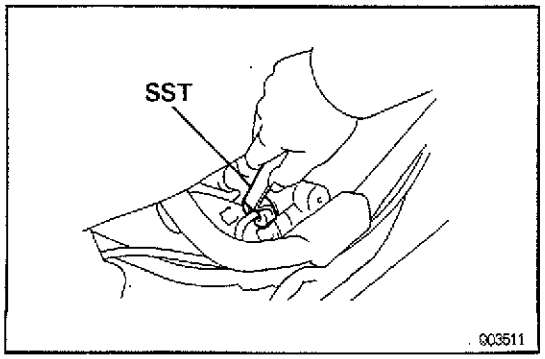


CLUTCH MASTER CYLINDER REMOVAL CL046-02

1. **REMOVE INSTRUMENT PANEL**
   (See Pub. No. RM339E on page BO–71)

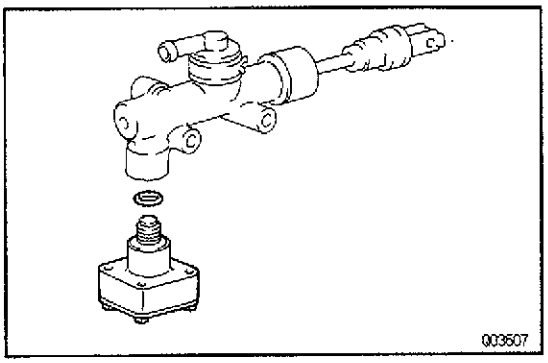


2. **TAKE OUT FLUID WITH SYRINGE OR SIMILAR**
   NOTICE: Do not let brake fluid remain on a painted surface. Wash it off immediately.



3. **REMOVE MASTER CYLINDER**
   (a) Remove the clip and clevis pin.
   (b) Using SST, disconnect the clutch line.
   SST 09751–36011
   (c) Remove the 2 mounting bolts and reservoir hose.
   (d) Pull out the master cylinder.

CL



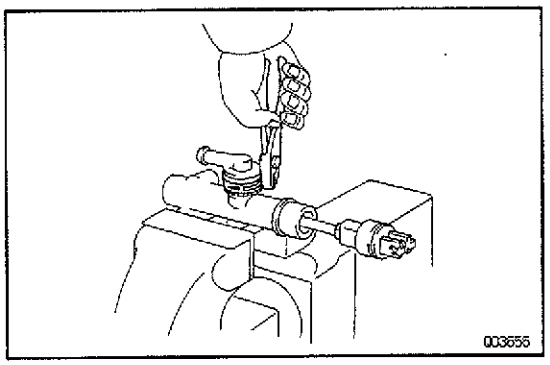
MASTER CYLINDER DISASSEMBLY

CL048-02

1. REMOVE ACCUMULATOR

(a) Clamp the master cylinder in a vise and remove the accumulator.

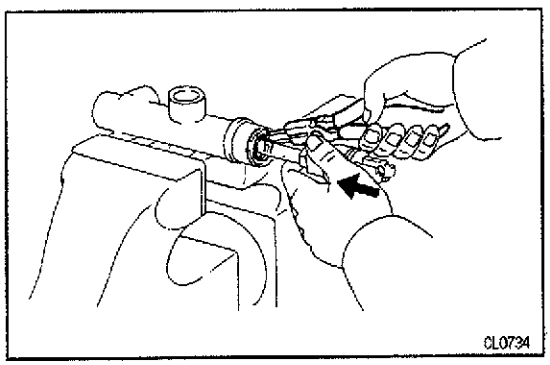
(b) Remove the gasket.



2. REMOVE INLET UNIONS

(a) Remove the clip with the inlet union from the master cylinder.

(b) Remove the O–ring.



3. REMOVE PUSH ROD

(a) Pull back the boot, and using a snap ring pliers, remove the snap ring and plate.

(b) Remove the push rod.

4. REMOVE PISTON AND SPRING

MASTER CYLINDER INSPECTION

CL04A-02

HINT: Clean the disassembled parts with compressed air.

1. INSPECT MASTER CYLINDER BORE FOR SCORING OR CORROSION

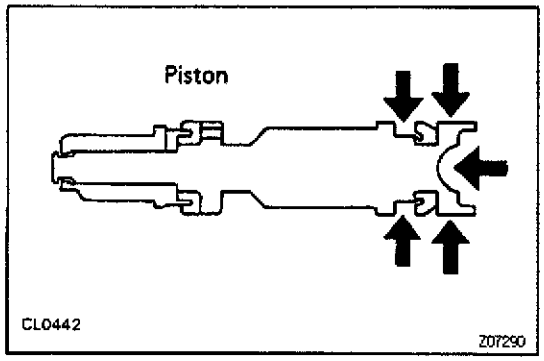
If a problem is found, clean or replace the cylinder.

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

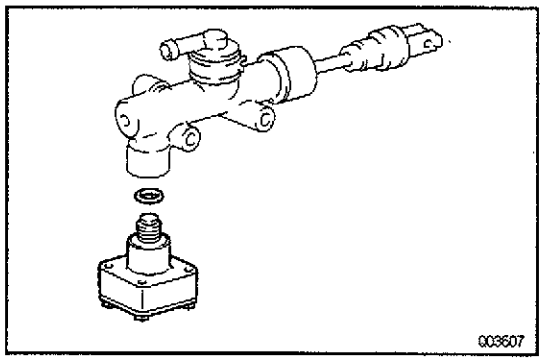
If necessary, replace the push rod.



MASTER CYLINDER ASSEMBLY

CL04B–02

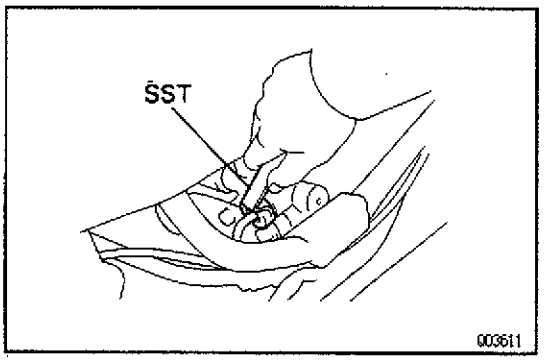
1. COAT PARTS WITH LITHIUM SOAP BASE GLYCOL GREASE, AS SHOWN
2. INSPECT PISTON INTO CYLINDER
3. INSTALL PUSH ROD ASSEMBLY WITH SNAP RING
4. INSTALL INLET UNION
5. CONFIRM THAT "UP" MARK ON MASTER CYLINDER BOOT IS IN CORRECT POSITION



6. INSTALL ACCUMULATOR

(a) Clamp the master cylinder in a vise and install the new O–ring and accumulator.

(b) Torque the accumulator.
Torque: 63 N·m (640 kgf·cm, 46 ft·lbf)



CLUTCH MASTER CYLINDER INSTALLATION

CL04C–02

1. INSTALL MASTER CYLINDER

(a) Install the master cylinder with the 2 mounting bolts.

(b) Torque the 2 mounting bolts.
Torque: 13 N·m (130 kgf·cm, 9 ft·lbf)

(c) Connect the reservoir hose.

(d) Install the clevis pin to the clevis and then install the cotter pin to the clevis pin.

(e) Finger tighten the union nut.

(f) Using SST, torque the nut.
SST 09751 – 36011
Torque: 24 N·m (245 kgf·cm, 18 ft·lbf)

2. INSTALL INSTRUMENT PANEL
(See Pub. No. RM339E on page BO–71)
3. FILL RESERVOIR WITH BRAKE FLUID AND BLEED CLUTCH SYSTEM
(See page CL–5)
4. CHECK FOR LEAKAGE
5. CHECK AND ADJUST CLUTCH PEDAL
(See page CL–6)