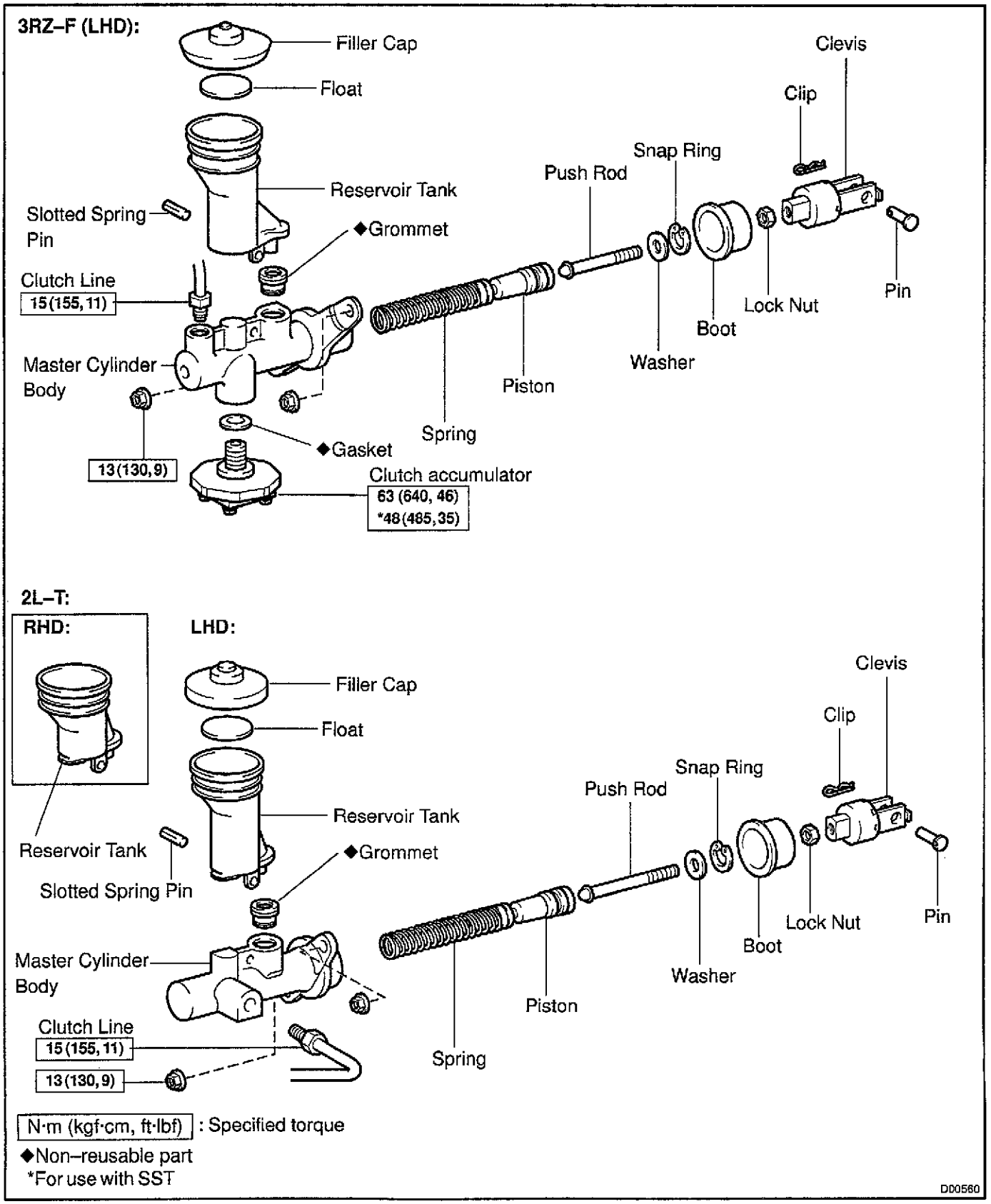
CLUTCH MASTER CYLINDER

COMPONENTS

CL03P-01



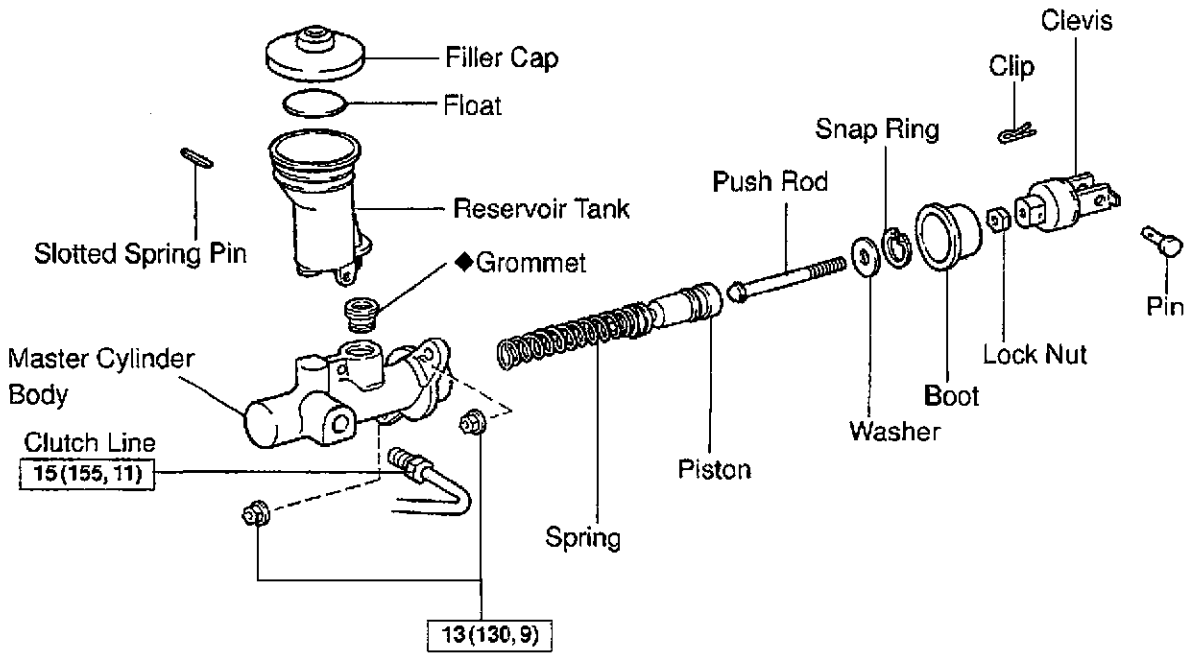
N·m (kgf·cm, ft·lbf) : Specified torque

◆Non–reusable part

*For use with SST

D00560

OTHERS:

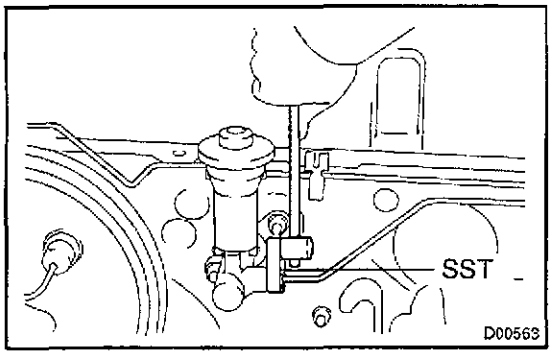


N·m (kgf·cm, ft·lbf) : Specified torque
◆Non–reusable part

Q06643

CL

CL004–03



REMOVAL

1. **DRAW OUT FLUID WITH SYRINGE**
2. **DISCONNECT CLUTCH LINE**

Using SST, disconnect the line. Use a container to catch the fluid.

SST 09023–00100

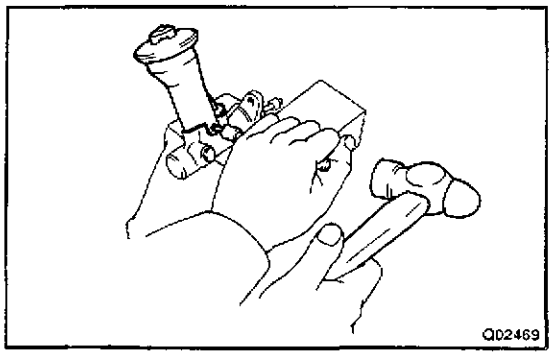
Torque: 15 N·m (155 kgf·cm, 11 ft·lbf)

3. **REMOVE CLIP AND CLEVIS PIN**
4. **REMOVE MOUNTING NUTS AND PULL OUT MASTER CYLINDER**

Torque: 13 N·m (130 kgf·cm, 9 ft·lbf)

CL030-01

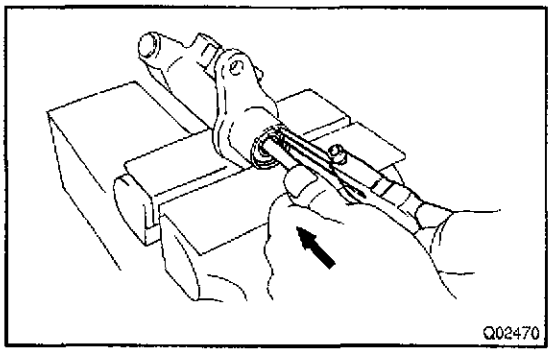
DISASSEMBLY



1. REMOVE RESERVOIR TANK

(a) Using a pin punch and hammer, drive out the slotted spring pin.

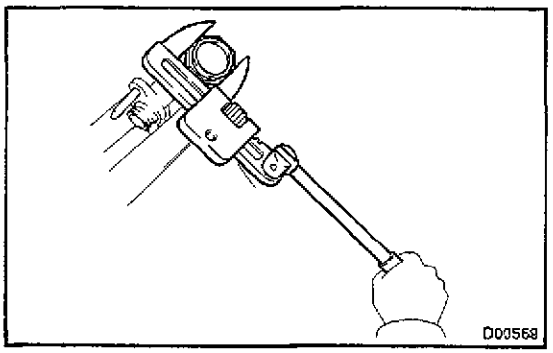
(b) Remove the reservoir tank and grommet.



2. REMOVE PUSH ROD

Pull back the boot, and using snap ring pliers, remove the snap ring.

3. REMOVE PISTON



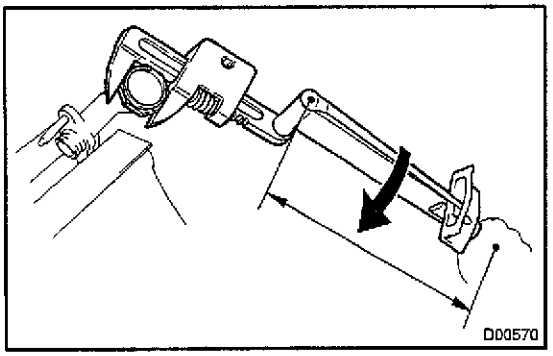
4. 3RZ–F ENGINE (LHD):
REMOVE CLUTCH ACCUMULATOR

(a) Using SST, remove the accumulator and gasket.
SST 09922–10010

CL

CL03R–01

REASSEMBLY



1. 3RZ–F ENGINE (LHD):
INSTALL CLUTCH ACCUMULATOR

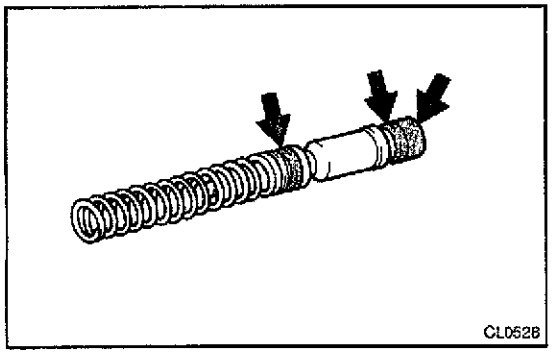
Using SST, install the accumulator with a new gasket.

SST 09922–10010

Torque: 48 N·m (485 kgf·cm, 35 ft·lbf)

HINT:

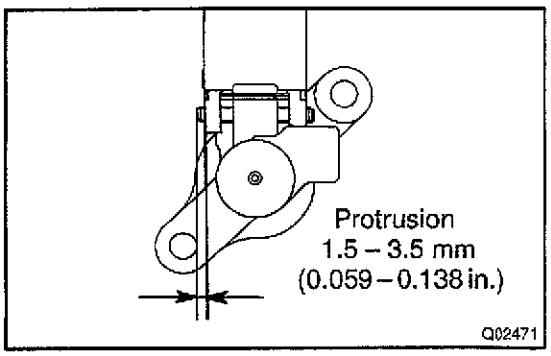
Use a torque wrench with a fulcrum length of 345 mm (13.58 in.).



2. COAT PARTS WITH LITHIUM SOAP BASE GLYCOL GREASE, AS SHOWN

3. INSERT PISTON INTO CYLINDER

4. INSTALL PUSH ROD ASSEMBLY WITH SNAP RING



5. INSTALL RESERVOIR TANK

(a) Install the reservoir tank and a new grommet.

(b) Using a pin punch and hammer, drive in the slotted spring pin.

CL-056-01

INSTALLATION

Installation is in the reverse order of removal. (See page CL-4)

HINT:

After installation, bleed the system and adjust the clutch pedal.