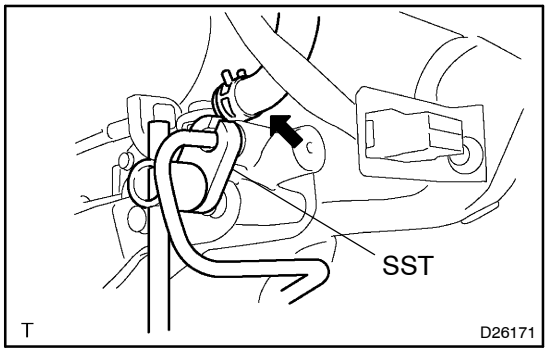
CLUTCH MASTER CYLINDER ASSY (W/O BOOSTER)

42063–01

OVERHAUL

1. REPLACE CLUTCH FLUID

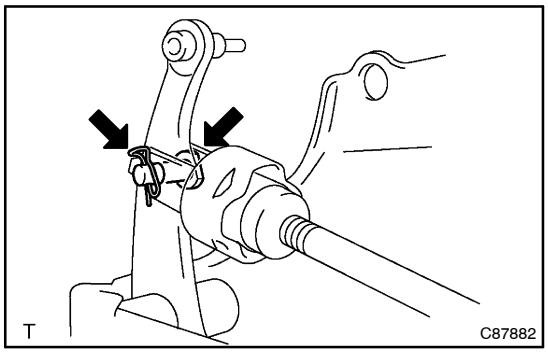


2. DISCONNECT CLUTCH RESERVOIR TUBE

3. DISCONNECT CLUTCH MASTER CYLINDER TO FLEXIBLE HOSE TUBE

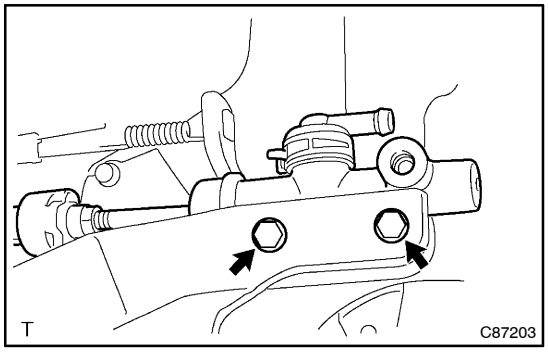
(a) Using SST, disconnect the hose tube.
SST 09023–38200

HINT:
Use a container to catch the fluid.



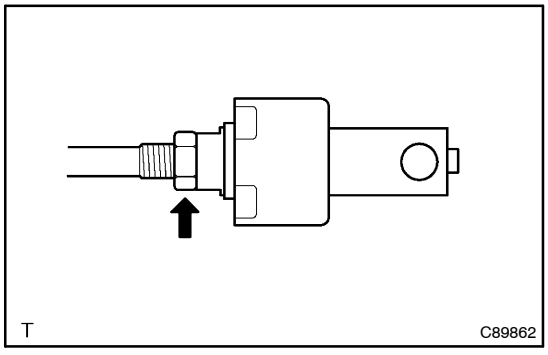
4. REMOVE CLUTCH MASTER CYLINDER PUSH ROD CLEVIS W/HOLE PIN

(a) Remove the clip and hole pin.
(b) Disconnect the clevis to the clutch pedal.



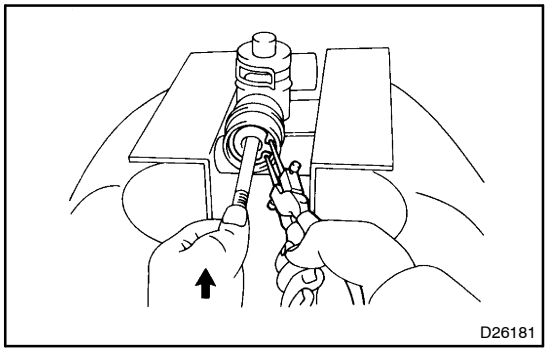
5. REMOVE CLUTCH MASTER CYLINDER ASSY

(a) Remove the 2 bolts and clutch master cylinder.



6. REMOVE CLUTCH MASTER CYLINDER KIT

(a) Loosen the lock nut and remove the push rod clevis from the push rod.
(b) Remove the lock nut from the push rod.
(c) Remove the boot from the cylinder body.



(d) While pushing the push rod using snap ring pliers, remove the snap ring.
(e) Remove the push rod from the cylinder body.

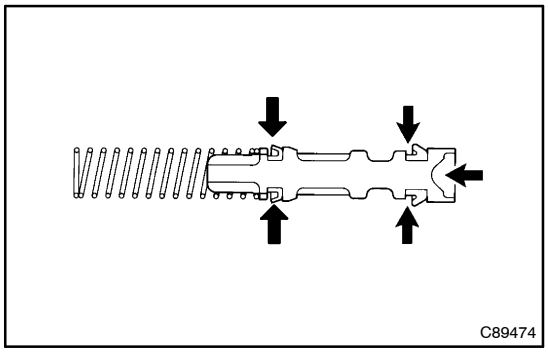
NOTICE:

The piston may pop out from the cylinder body. Therefore, slowly remove the push rod from the cylinder body.

(f) Remove the stop plate from the push rod.
(g) Remove the piston from the cylinder.

NOTICE:

Be careful not to damage the inside of the cylinder body.



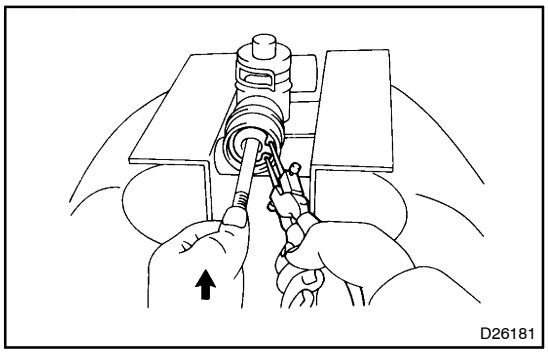
7. INSTALL CLUTCH MASTER CYLINDER KIT

(a) Coat the parts with lithium soap base glycol grease, as shown in the illustration.
(b) Install the piston with spring into the cylinder.

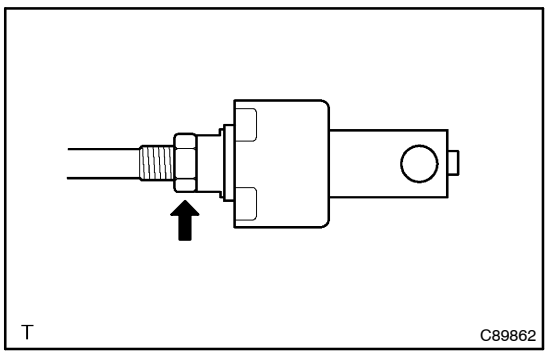
NOTICE:

Be careful not to damage the inside of the cylinder body.

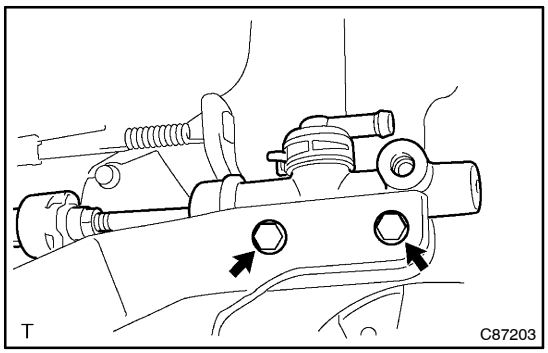
(c) Install the stop plate to the push rod.
(d) Install the push rod to the cylinder body.



(e) While pushing the push rod using snap ring pliers, install the snap ring.
(f) Install the boot to the cylinder body.
(g) Install the lock nut to the push rod.

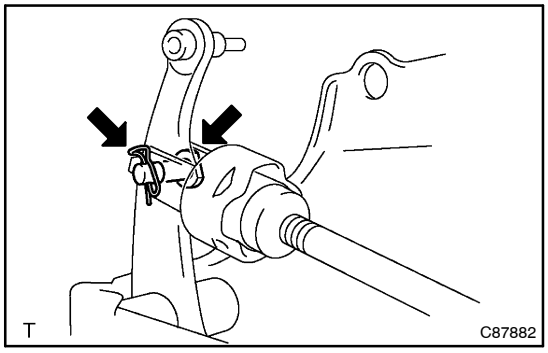


(h) Install the push rod clevis to the push rod.
Torque: 11.8 N·m (120 kgf·cm, 9 ft·lbf)



8. INSTALL CLUTCH MASTER CYLINDER ASSY

(a) Install the clutch master cylinder to the clutch pedal bracket with the 2 bolts.
Torque: 12.7 N·m (130 kgf·cm, 9 ft·lbf)



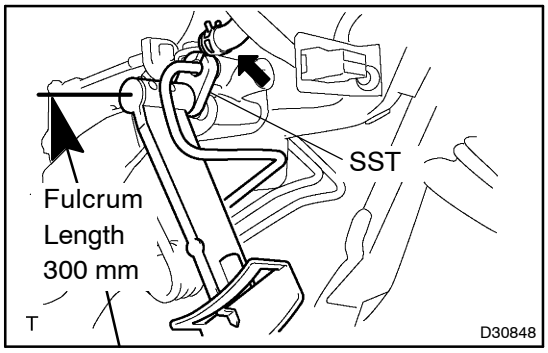
9. INSTALL CLUTCH MASTER CYLINDER PUSH ROD CLEVIS W/HOLE PIN

(a) Apply MP grease to the contact surface of the hole pin and bush.

(b) Install the hole pin to the pedal with the clip.

HINT:

Install the hole pin from the right side of the vehicle.



10. INSTALL CLUTCH MASTER CYLINDER TO FLEXIBLE HOSE TUBE

(a) Using SST, connect the tube.

SST 09023–38200

Torque:

15.8 N·m (161 kgf·cm, 11 ft·lbf) for use with SST

19.5 N·m (199 kgf·cm, 14 ft·lbf)

HINT:

Use a torque wrench with a fulcrum length of 300 mm (11.81 in.).

11. INSTALL CLUTCH RESERVOIR TUBE

HINT:

Connect the clutch reservoir tube so that it will not be twisted.

12. BLEED AIR FROM CLUTCH LINE (See page 42–2)

(a) Fill the reservoir tank with fluid and bleed air from the clutch system.

Torque: 10.5 N·m (100 kgf·cm, 8 ft·lbf)

13. CHECK CLUTCH FLUID LEAKAGE

14. CHECK FLUID LEVEL IN RESERVOIR

15. INSPECT AND ADJUST CLUTCH PEDAL SUB–ASSY (See page 42–7)