

CLUTCH MASTER CYLINDER ASSY

42021-01

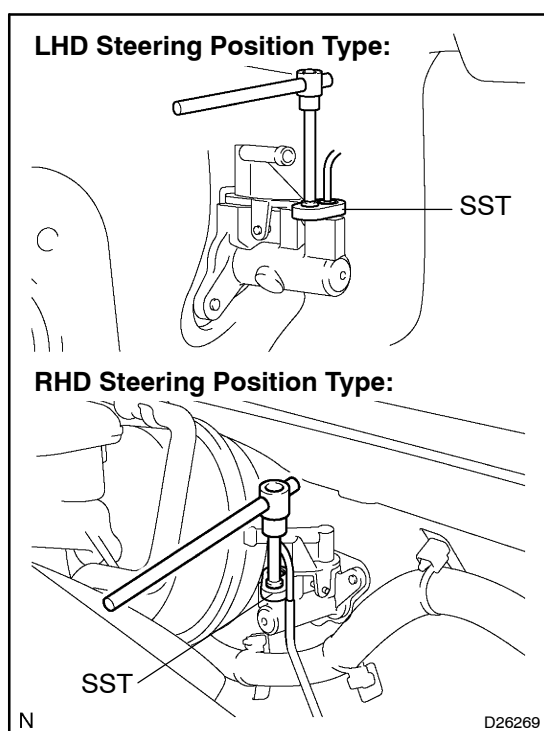
OVERHAUL

1. DRAIN CLUTCH FLUID
2. REMOVE BRAKE MASTER CYLINDER SUB-ASSY(LHD STEERING POSITION TYPE)
(See [page 32-11](#))
3. REMOVE BRAKE BOOSTER ASSY(LHD STEERING POSITION TYPE)
(See [page 32-22](#))
4. DISCONNECT CLUTCH RESERVOIR TUBE

(a) Loosen the clip and disconnect the clutch reservoir tube from the clutch master cylinder assy.

HINT:

Use a container to catch the fluid.



5. DISCONNECT CLUTCH MASTER CYLINDER TO FLEXIBLE HOSE TUBE

- (a) Using SST, disconnect the flexible hose tube.
SST 09023-00100

HINT:

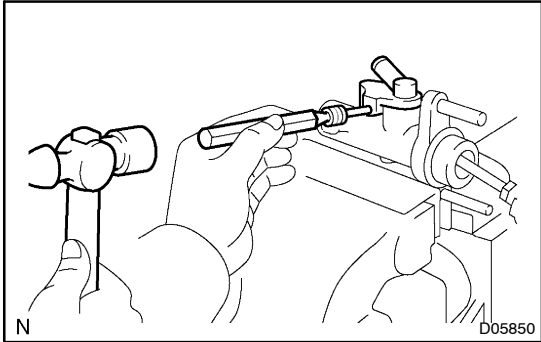
Use a container to catch the fluid.

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

- (a) Remove the clip and hole pin.

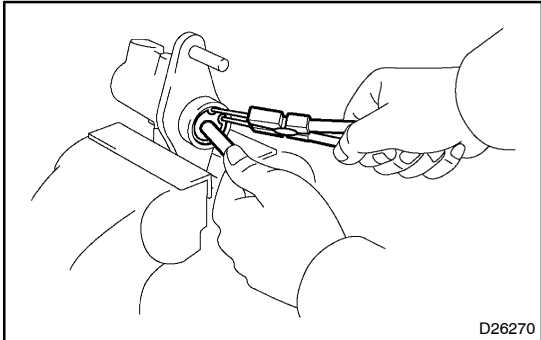
7. REMOVE CLUTCH MASTER CYLINDER ASSY

- (a) Remove the 2 nuts and clutch master cylinder assy.



8. REMOVE CLUTCH MASTER CYLINDER KIT

- Using a pin punch (5 mm) and hammer, drive out the slotted spring pin.
- Remove the inlet union and grommet.
- Loosen the lock nut, and remove the push rod clevis.
- Remove the lock nut from the push rod.
- Remove the boot from the cylinder body.



- While pushing the piston rod, using snap ring pliers, remove the snap ring.

- Remove the push rod from the cylinder body.

NOTICE:

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

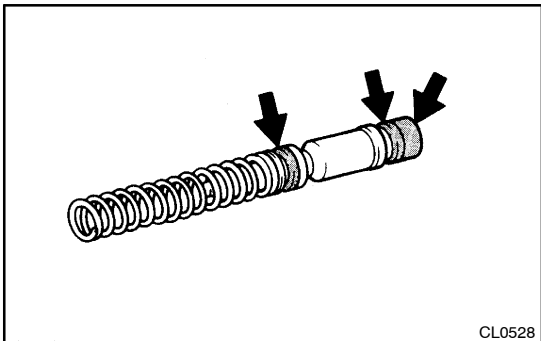
- Remove the stop plate from the push rod.

- Remove the piston with spring from the cylinder.

NOTICE:

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

9. INSTALL CLUTCH MASTER CYLINDER KIT



- Coat parts with lithium soap base glycol grease, shown in the illustration.

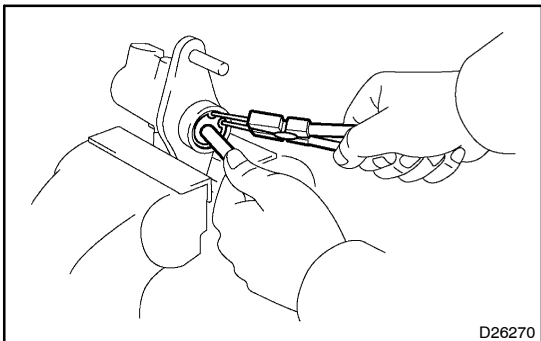
- Install the piston with spring into the cylinder.

NOTICE:

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

- Install the stop plate to the push rod.

- Install the push rod to the cylinder body.



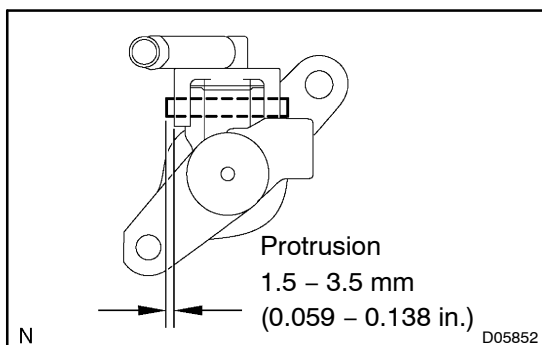
- While pushing the piston rod, using snap ring pliers, install the snap ring.

- Install the boot to the cylinder body.

- Install the lock nut to the push rod.

- Temporarily install the push rod clevis with the lock nut to the push rod.

- Install the inlet union and a new grommet.

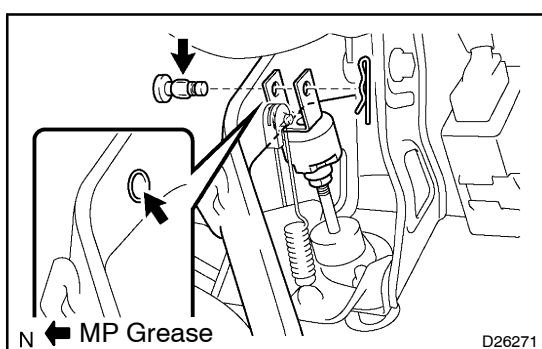


- (j) Using a pin punch (5 mm) and hammer, drive in the slotted spring pin.

10. INSTALL CLUTCH MASTER CYLINDER ASSY

- (a) Install the clutch master cylinder assy with the 2 nuts.

Torque: 11.8 N·m (120 kgf·cm, 9 ft·lbf)



11. 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) Connect the clevis to the clutch pedal assy with the hole pin.

HINT:

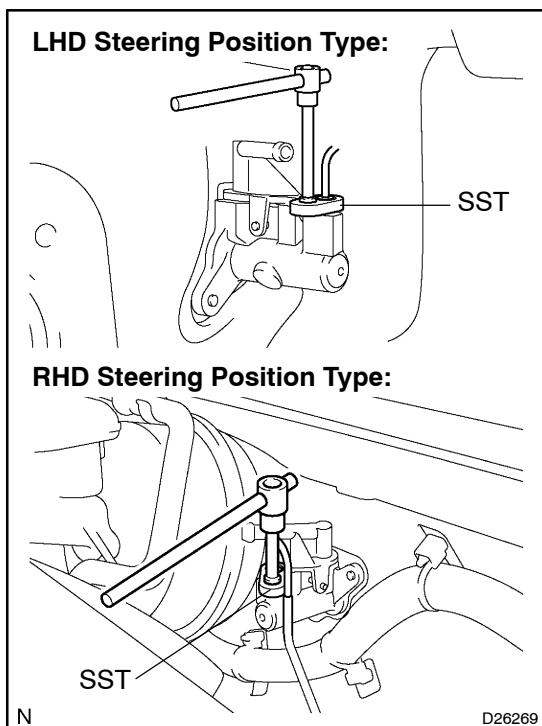
Install the hole pin from the left side of the vehicle.

- (c) Install the clip to the hole pin.

12. CONNECT CLUTCH MASTER CYLINDER TO FLEXIBLE HOSE TUBE

- (a) Using SST, connect the flexible hose tube.
 SST 09023-00100

Torque: 15.2 N·m (155 kgf·cm, 11 ft·lbf)



13. CONNECT CLUTCH RESERVOIR TUBE

- (a) Connect the clutch reservoir tube with the clip to the clutch master cylinder assy.

NOTICE:

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

14. **INSTALL BRAKE BOOSTER ASSY (LHD STEERING POSITION TYPE)**
(See [page 32-22](#))
15. **INSTALL BRAKE MASTER CYLINDER SUB-ASSY (LHD STEERING POSITION TYPE)**
(See [page 32-11](#))
16. **BLEED MASTER CYLINDER (LHD STEERING POSITION TYPE)** (See [page 32-4](#))
SST 09023-00100
17. **BLEED BRAKE LINE (LHD STEERING POSITION TYPE)** (See [page 32-4](#))
18. **BLEED CLUTCH PIPE LINE**
 - (a) Fill the brake reservoir tank with clutch fluid and bleed clutch system.
Torque: 8.3 N·m (85 kgf·cm, 73 in·lbf)
19. **CHECK AND ADJUST BRAKE PEDAL HEIGHT (LHD STEERING POSITION TYPE)**
(See [page 32-6](#))
20. **INSPECT AND ADJUST CLUTCH PEDAL SUB-ASSY**
(See [page 42-7](#))
21. **CHECK BRAKE FLUID LEAKAGE (LHD STEERING POSITION TYPE)**
22. **CHECK CLUTCH FLUID LEAKAGE**
23. **CHECK FLUID LEVEL IN RESERVOIR**