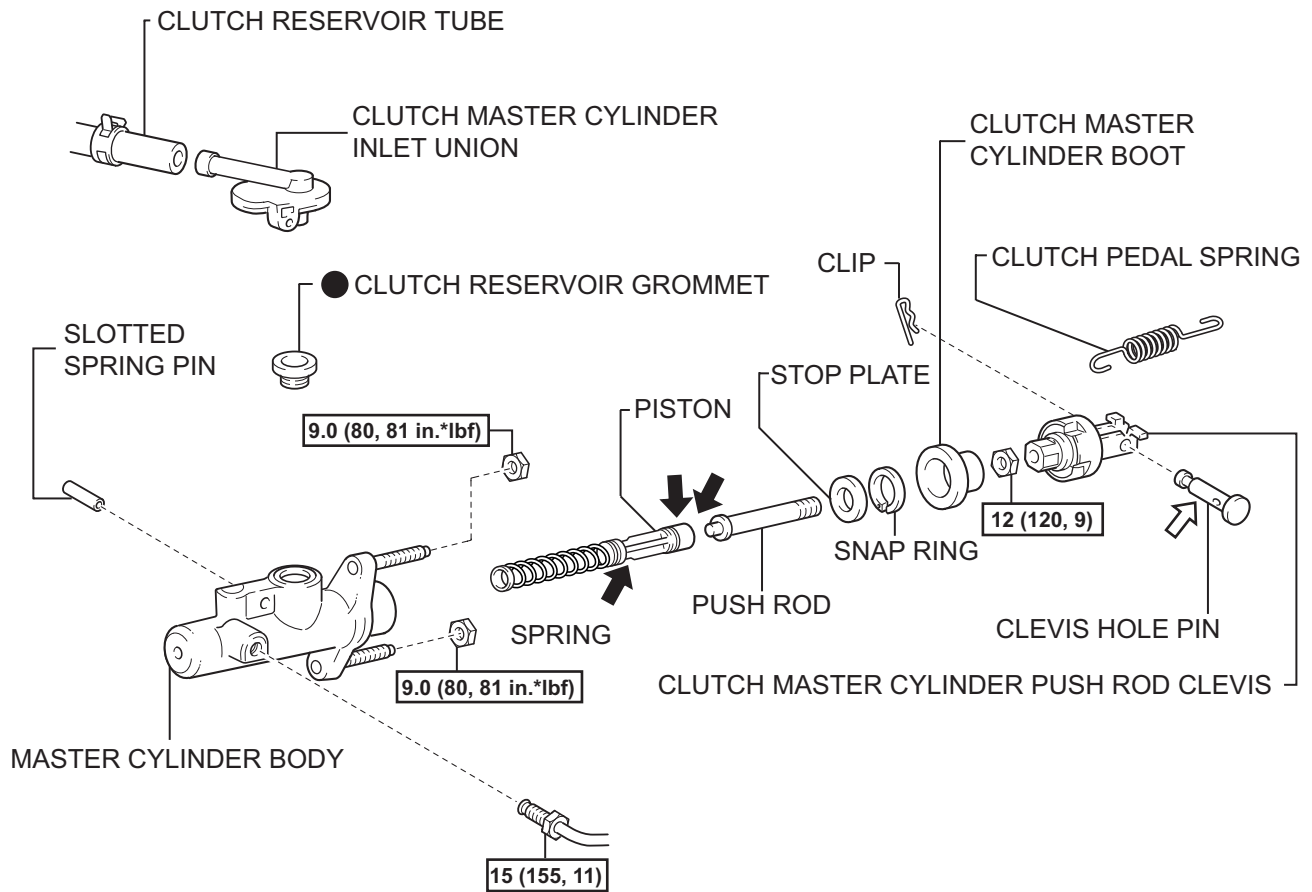


CLUTCH MASTER CYLINDER COMPONENTS



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

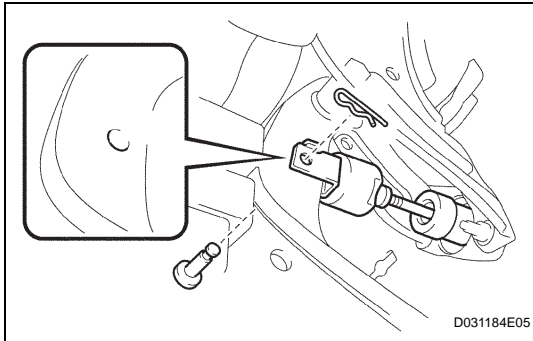
● Non-reusable part

← Lithium soap base glycol grease

← MP grease

REMOVAL

1. REMOVE BRAKE MASTER CYLINDER SUB-ASSEMBLY
2. REMOVE BRAKE ACTUATOR ASSEMBLY
3. REMOVE BRAKE BOOSTER ASSEMBLY
4. REMOVE CLUTCH PEDAL SPRING
5. DISCONNECT CLUTCH MASTER CYLINDER PUSH ROD CLEVIS



- (a) Remove the clip and pin and disconnect the push rod clevis from the clutch pedal.

6. DRAIN BRAKE FLUID

NOTICE:

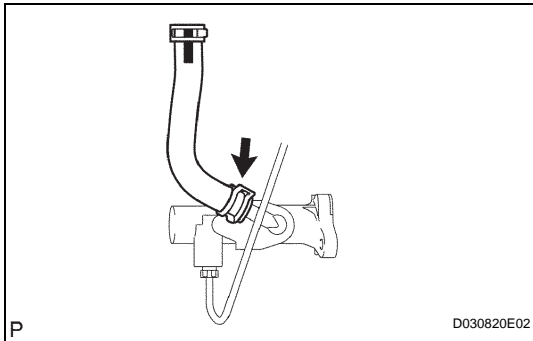
Wash brake fluid off immediately if it adheres to any painted surface.

7. DISCONNECT CLUTCH RESERVOIR TUBE

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

HINT:

Use a container to catch the fluid.



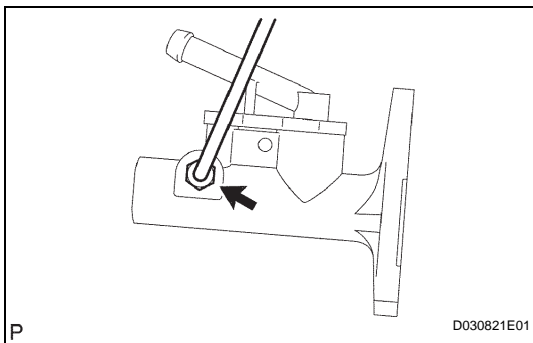
8. DISCONNECT CLUTCH MASTER CYLINDER TO FLEXIBLE HOSE TUBE

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

SST 09023-00101

HINT:

Use a container to catch the fluid.



9. REMOVE CLUTCH MASTER CYLINDER ASSEMBLY

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

DISASSEMBLY

1. REMOVE CLUTCH MASTER CYLINDER KIT

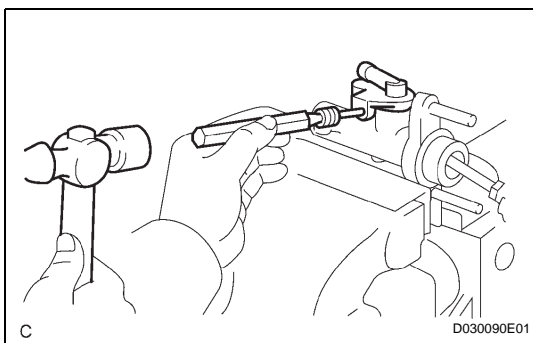
- (a) Using a pin punch and hammer, tap out the slotted spring pin.

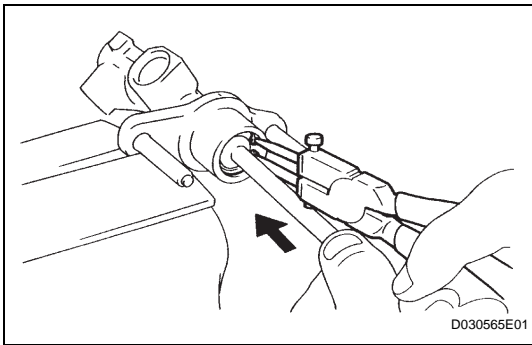
- (b) Remove the inlet union and grommet.

- (c) Loosen the lock nut, and remove the push rod clevis.

- (d) Remove the lock nut from the push rod.

- (e) Remove the boot from the cylinder body.





- (f) While pushing the push rod, remove the snap ring with snap ring pliers.
- (g) 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.

- (h) Remove the stop plate from the push rod.
- (i) Remove the piston with spring from the cylinder body.

NOTICE:

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

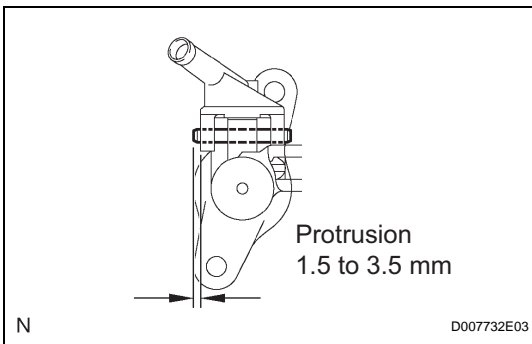
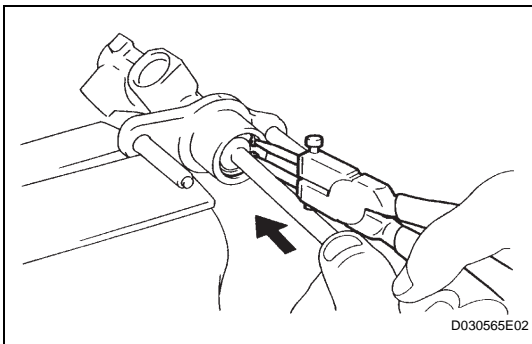
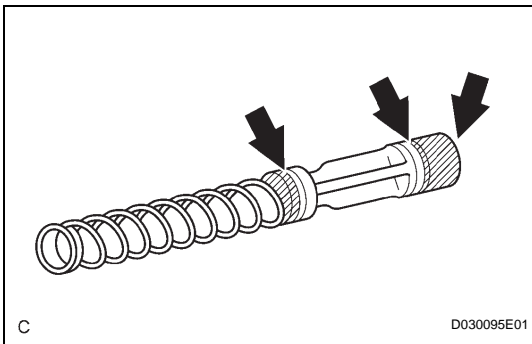
REASSEMBLY**1. INSTALL CLUTCH MASTER CYLINDER KIT**

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

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, install the snap ring with snap ring pliers.
- (f) Install the boot on the cylinder body.
- (g) Install the lock nut on the push rod.
- (h) Temporarily install the push rod clevis with the lock nut on the push rod.
- (i) Install the inlet union and a new grommet.



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

Standard protrusion:

1.5 to 3.5 mm (0.059 to 0.138 in.)