

Operating Cylinder

CLUTCH SYSTEM

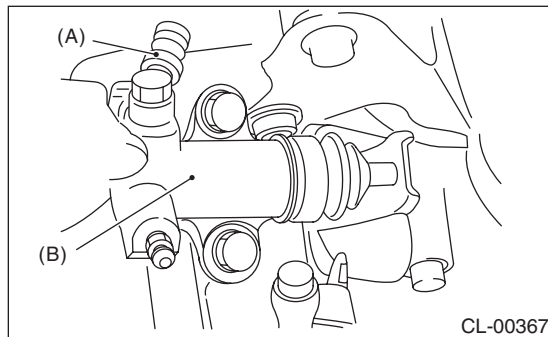
5. Operating Cylinder

A: REMOVAL

- 1) Remove the air intake chamber. <Ref. to IN(H4SO)-7, REMOVAL, Air Intake Chamber.>
- 2) Disconnect the clutch hose from the operating cylinder.

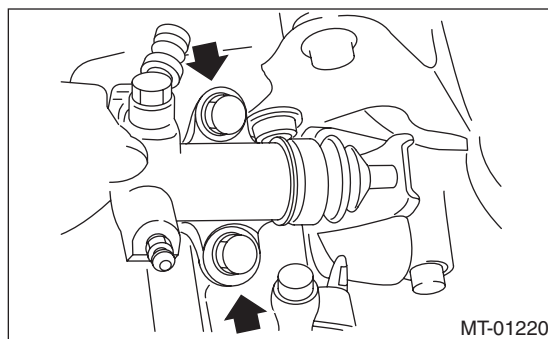
CAUTION:

Cover the hose joint to prevent the clutch fluid from flowing out.



- (A) Clutch hose
(B) Operating cylinder

- 3) Remove the operating cylinder from the transmission.



B: INSTALLATION

- 1) Install in the reverse order of removal.

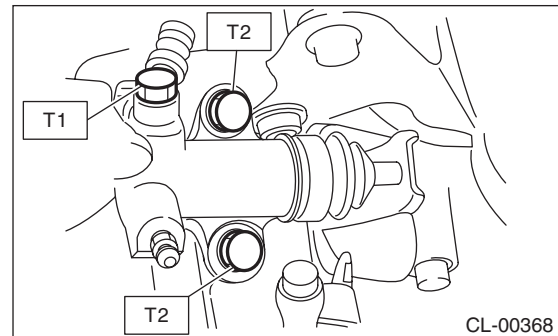
NOTE:

Before installing the operating cylinder, apply grease (KOPR-KOTE: Part No. 003603001) to the contact point of the release lever and operating cylinder.

Tightening torque:

T1: 18 N·m (1.8 kgf-m, 13.0 ft-lb)

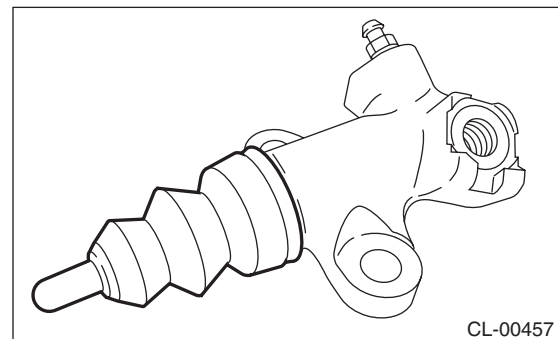
T2: 37 N·m (3.8 kgf-m, 27.5 ft-lb)



- 2) After bleeding air from the operating cylinder, ensure that the clutch operates properly. <Ref. to CL-22, Clutch Fluid Air Bleeding.>

C: DISASSEMBLY

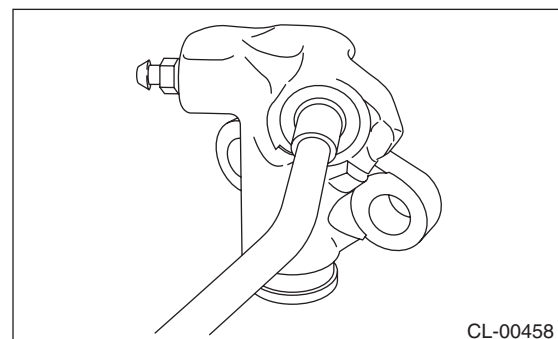
- 1) Remove the boot and push rod.



- 2) Blow compressed air through the clutch hose attachment hole.

NOTE:

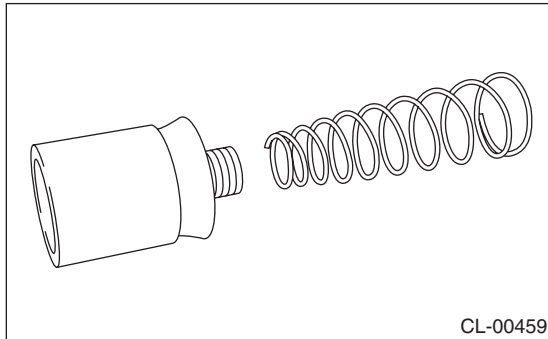
To prevent the piston from popping out, point the piston hole downward, and position a piece of wood in the way.



3) Separate the piston and piston spring.

NOTE:

The illustration below is for a non-turbo model.



D: ASSEMBLY

NOTE:

When assembling, apply operating oil on all parts while performing work.

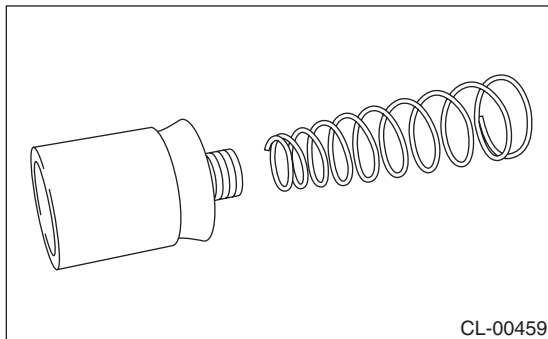
Recommended brake fluid:

FMVSS No. 116, fresh DOT3 or 4 brake fluid

1) Install the piston spring onto the piston.

NOTE:

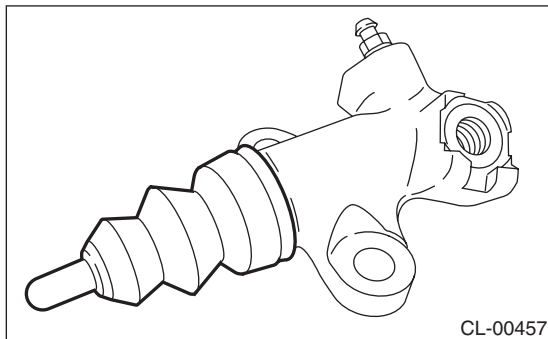
The illustration below is for a non-turbo model.



2) Insert the piston into the operating cylinder.

3) Attach the push rod to the boot.

4) Attach the boot and push rod to the operating cylinder.



E: INSPECTION

1) Check the operating cylinder for damage. If operating cylinder is damaged, replace it.

2) Check the operating cylinder for fluid leakage or damage on the boot. If any leakage or damage is found, replace the operating cylinder.