

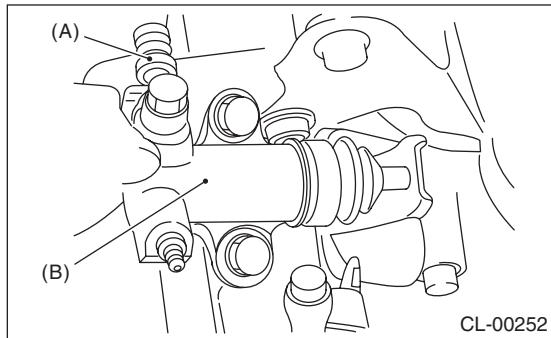
### 5. Operating Cylinder

#### A: REMOVAL

- 1) Remove the air intake chamber. (Non-turbo model) <Ref. to IN(H4SO)-6, REMOVAL, Air Intake Chamber.>
- 2) Remove the intercooler. (Turbo model) <Ref. to IN(H4DOTC)-11, REMOVAL, Intercooler.>
- 3) Remove the clutch hose from operating cylinder.

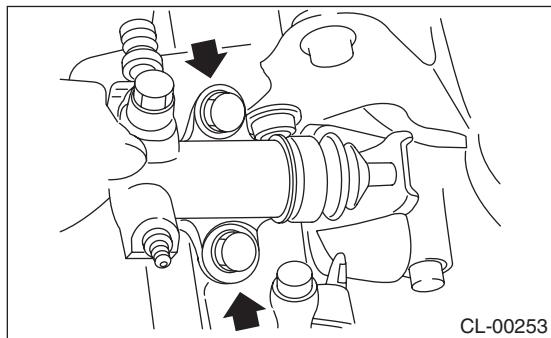
NOTE:

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



(A) Clutch hose  
(B) Operating cylinder

- 4) Remove the operating cylinder from the transmission.



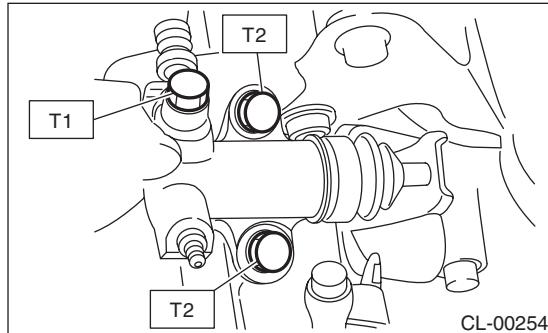
#### B: INSTALLATION

1) Apply grease (KOPR-KOTE: Part No. 003603001) to the contact point of the release lever and the operating cylinder.

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

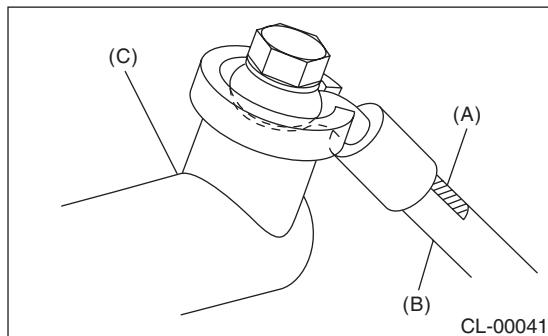
**Tightening torque:**

T1: 18 N·m (1.8 kgf-m, 13.0 ft-lb)  
T2: 37 N·m (3.8 kgf-m, 27.5 ft-lb)



NOTE:

- Be sure to install the clutch hose with the mark side facing upward.
- Be careful not to twist the clutch hose during installation.

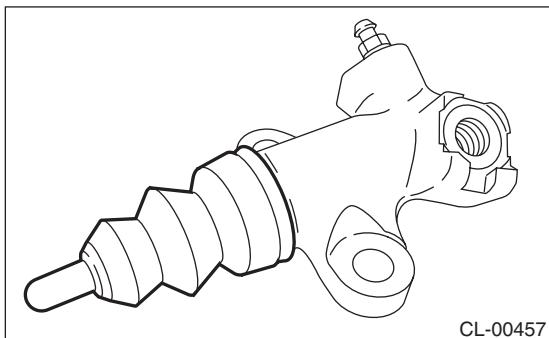


(A) Mark  
(B) Clutch hose  
(C) Operating cylinder

- 3) After bleeding air from the operating cylinder, ensure that the clutch operates properly. <Ref. to CL-24, Clutch Fluid Air Bleeding.>

## C: DISASSEMBLY

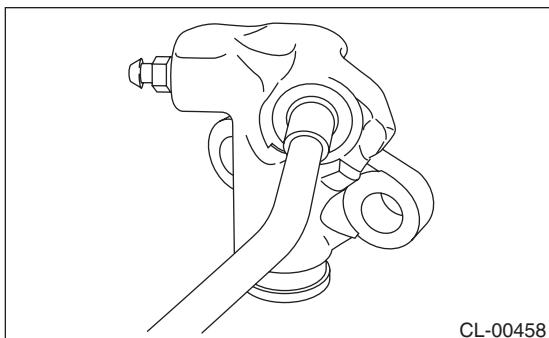
- 1) Remove the boot and push rod.



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

NOTE:

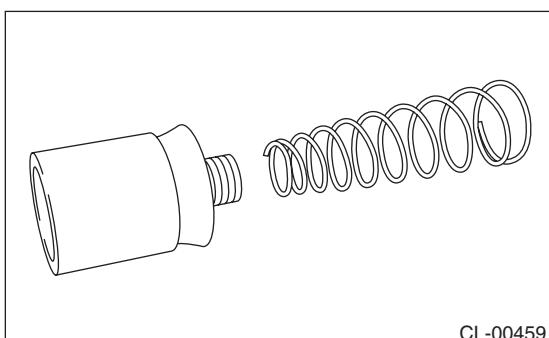
To prevent the piston from shooting out, face the piston hole towards the ground, and place a wooden block to prevent damage.



- 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.

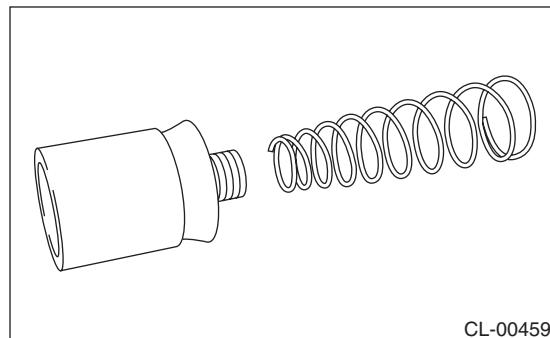
**Recommended brake fluid**

**FMVSS No. 116, new DOT3 or DOT4 brake fluid**

- 1) Attach the piston spring onto the piston.

NOTE:

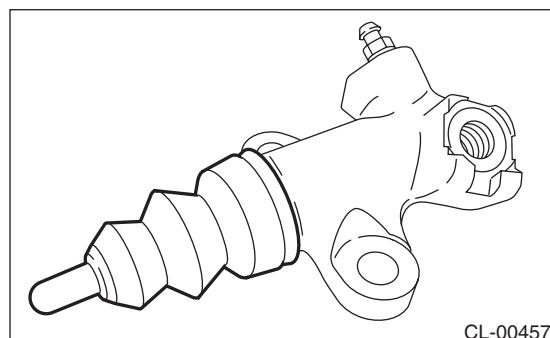
The illustration below is for a non-turbo model.



- 2) Insert the piston into the operating cylinder.

- 3) Attach the boot to the push rod.

- 4) Install 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.