

5. Operating Cylinder

A: REMOVAL

CAUTION:

Clutch fluid spilled on the vehicle body will harm the paint surface; wash it off with water and wipe clean quickly if spilled.

NOTE:

The illustration below is suitable for every model. Perform the same procedures for the other models.

1) Remove the air intake chamber. (non-turbo model) <Ref. to IN(H4SO)-7, REMOVAL, Air Intake Chamber.>

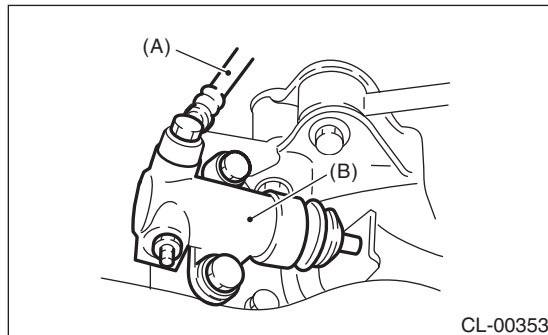
2) Remove the intercooler. (Turbo model)

<Ref. to IN(H4DOTC)-13, REMOVAL, Intercooler.>

3) Disconnect the clutch hose from the operating cylinder.

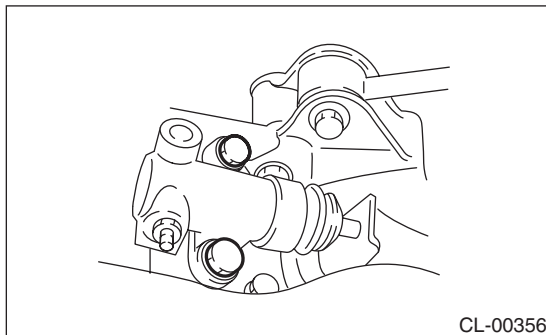
CAUTION:

- Cover the hose joint to prevent the clutch fluid from flowing out.
- Do not loosen or remove the cap bolt at the rear of the operating cylinder. (Turbo model)



- (A) Clutch hose
(B) Operating cylinder

4) Remove the operating cylinder from the transmission.



B: INSTALLATION

NOTE:

The illustration below is suitable for every model. Perform the same procedures for the other models.

1) Install in the reverse order of removal.

NOTE:

Before installing the operating cylinder, apply grease to the contact point of the release lever and operating cylinder.

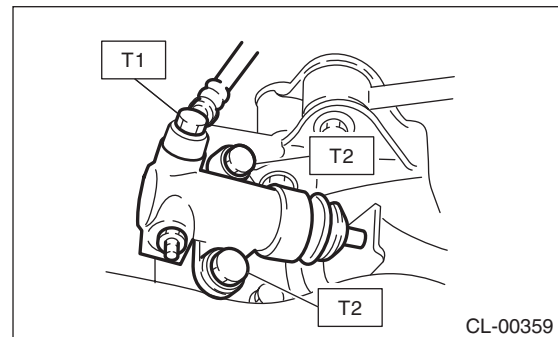
Grease

NICHIMOLY N-130 (Part No. K0879Y0501) or equivalent

Tightening torque:

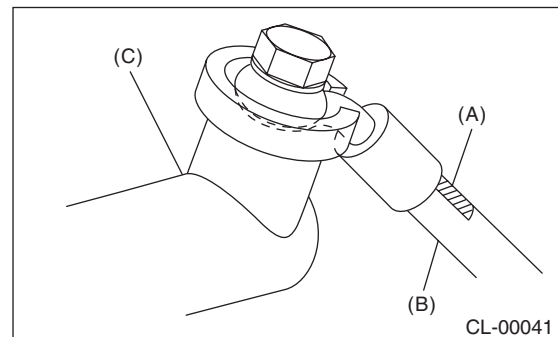
T1: 18 N·m (1.8 kgf-m, 13.3 ft-lb)

T2: 37 N·m (3.8 kgf-m, 27.3 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

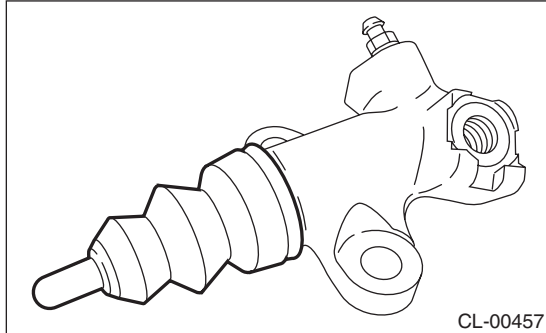
2) After bleeding air from the operating cylinder, ensure that the clutch operates properly. <Ref. to CL-22, Clutch Fluid Air Bleeding.>

C: DISASSEMBLY

NOTE:

The illustration below is suitable for every model. Perform the same procedures for the other models.

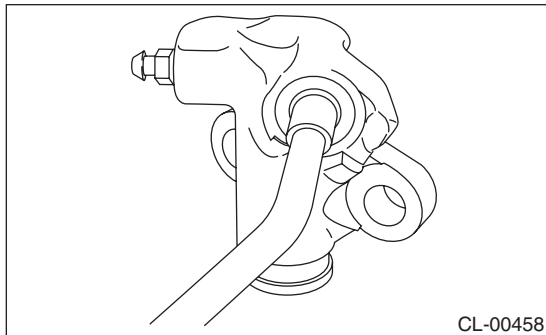
- 1) Remove the boot and push rod.



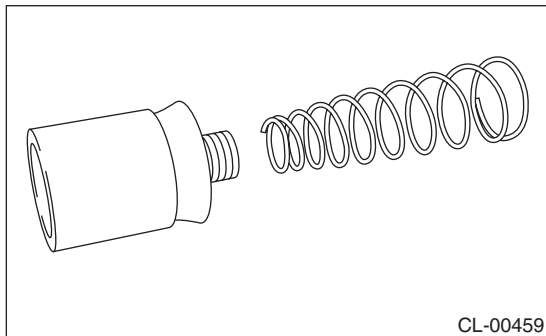
- 2) Apply compressed air through clutch hose attachment hole.

NOTE:

Face the piston hole down and place a piece of wood underneath to prevent the piston from popping out.



- 3) Separate the piston and piston spring.



D: ASSEMBLY

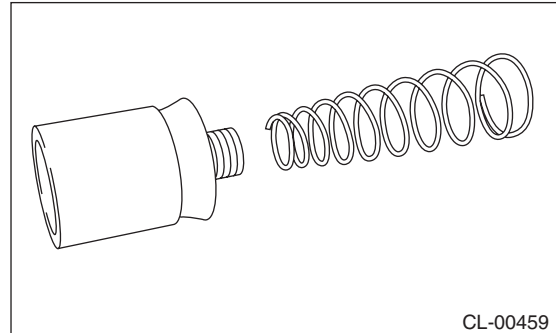
NOTE:

- The illustration below is suitable for every model. Perform the same procedures for the other models.
- During assembly, apply hydraulic oil to all parts.

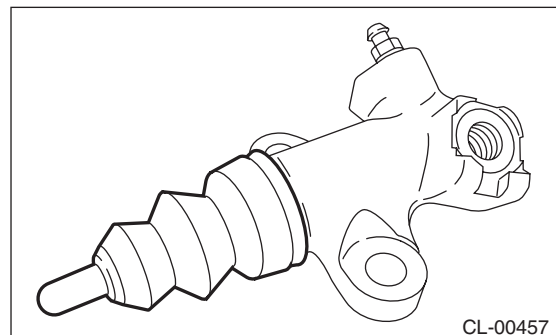
Recommended clutch fluid:

New FMVSS No. 116 DOT3 or DOT4

- 1) Install the piston spring onto the piston.



- 2) Insert piston into the operating cylinder.
- 3) Install push rod to the boot.
- 4) Install boot and push rod to the operating cylinder.



E: INSPECTION

- 1) Check that the operating cylinder is not damaged. If operating cylinder is damaged, replace it.
- 2) Check the operating cylinder for fluid leakage or damage on the boot. Replace the operating cylinder if leaks or damages are noted.