

5. Operating Cylinder

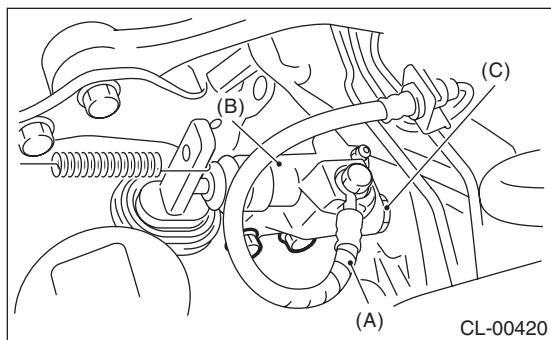
A: REMOVAL

1) Remove the intercooler. <Ref. to IN(STI)-13, REMOVAL, Intercooler.> <Ref. to IN(w/o STI)-38, REMOVAL, Intercooler.>

2) Disconnect the clutch hose from the operating cylinder.

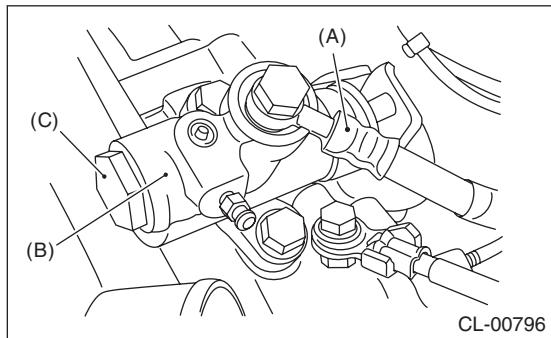
CAUTION:

- Cover the hose joint to prevent the clutch fluid from flowing out.
- Do not loosen or remove the cap bolts.
- STI model



(A) Clutch hose
(B) Operating cylinder
(C) Cap bolt

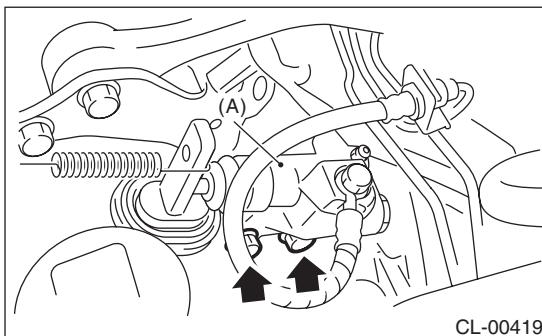
- Except for STI model



(A) Clutch hose
(B) Operating cylinder
(C) Cap bolt

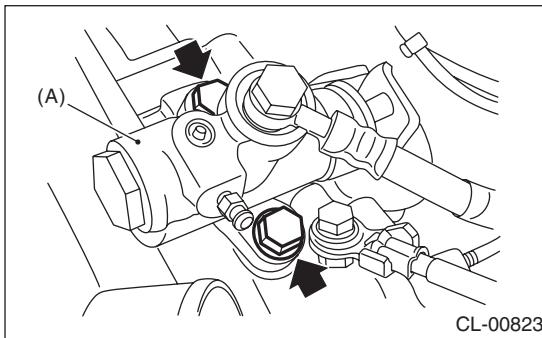
- 3) Remove the operating cylinder from the transmission.

- STI model



(A) Operating cylinder

- Except for STI model



(A) Operating cylinder

Operating Cylinder

CLUTCH SYSTEM

B: INSTALLATION

1) Install in the reverse order of removal.

NOTE:

- Use a new washer.
- Before installing the operating cylinder, apply grease to the contact point of the release lever and operating cylinder.

Grease

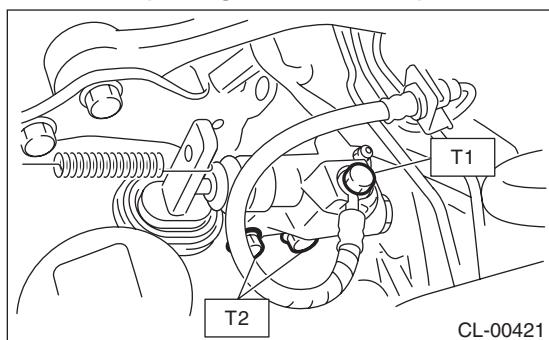
NICHIMOLY N-130 or equivalent

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

Tightening torque:

T1: 18 N·m (1.8 kgf-m, 13.3 ft-lb)

T2: 41 N·m (4.2 kgf-m, 30.2 ft-lb)



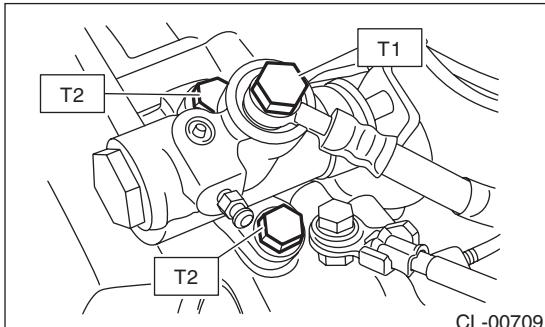
CL-00421

- Except for STI model

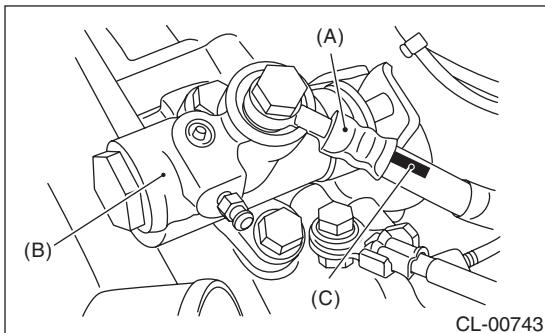
Tightening torque:

T1: 18 N·m (1.8 kgf-m, 13.3 ft-lb)

T2: 37 N·m (3.8 kgf-m, 27.3 ft-lb)



CL-00709



CL-00743

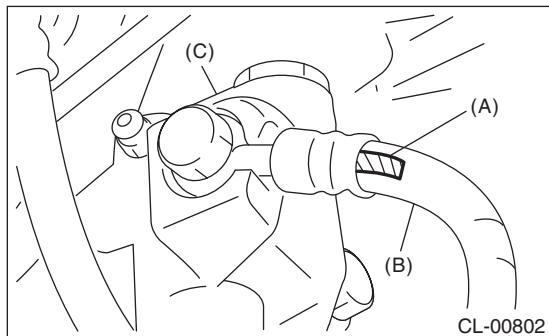
(A) Clutch hose

(B) Operating cylinder

(C) Mark

2) After bleeding air from the operating cylinder, ensure that the clutch operates properly.

<Ref. to CL-29, Clutch Fluid Air Bleeding. >



CL-00802

(A) Mark

(B) Clutch hose

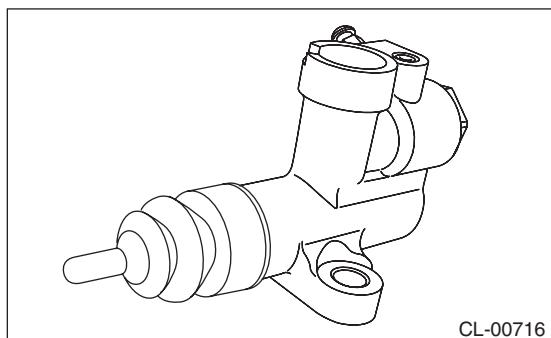
(C) Operating cylinder

C: DISASSEMBLY

CAUTION:

Do not disassemble the STI model.

- 1) Remove the boot and push rod.

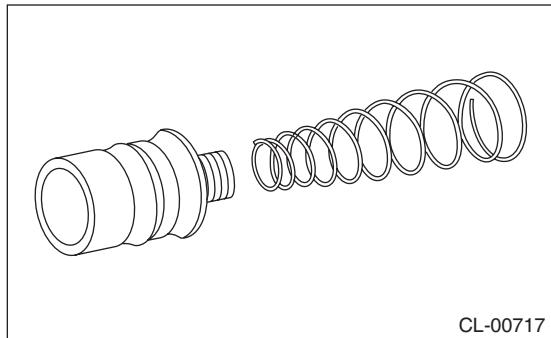


- 2) Apply compressed air through clutch hose attachment hole.

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:

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.