

Clutch Fluid Air Bleeding

CLUTCH SYSTEM

9. Clutch Fluid Air Bleeding

A: PROCEDURE

1. STI MODEL

NOTE:

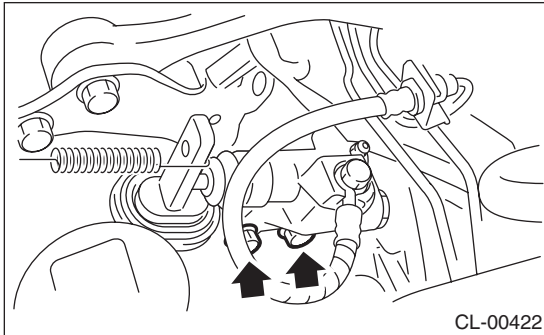
Bleed air from the oil line with help of a co-worker.

1) Remove the intercooler. <Ref. to IN(STI)-12, REMOVAL, Intercooler.>

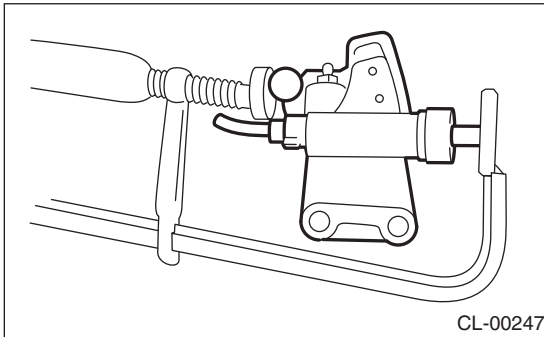
2) Remove the operating cylinder.

NOTE:

Do not remove the clutch hose.



3) Hold the piston with a clamp to prevent piston from popping out.

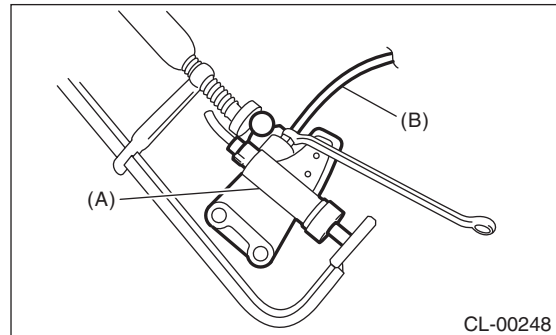


4) Fit one end of a vinyl tube into the air breather of the operating cylinder, and put the other end into a clutch fluid container.

5) Slowly depress the clutch pedal and keep it depressed. Open the air breather to discharge air together with the clutch fluid. Release the air breather for 1 or 2 seconds. Next, close the air breather, and slowly release the clutch pedal.

NOTE:

When performing this procedure, place the screw portion of the air breather higher than the end of operating cylinder.



(A) Operating cylinder

(B) Vinyl tube

6) Repeat procedure 5), until there are no more air bubbles appearing from the air breather.

CAUTION:

Cover the air breather with cloth to prevent clutch fluid from being splashed on surrounding parts when loosening the breather.

7) Tighten the air breather.

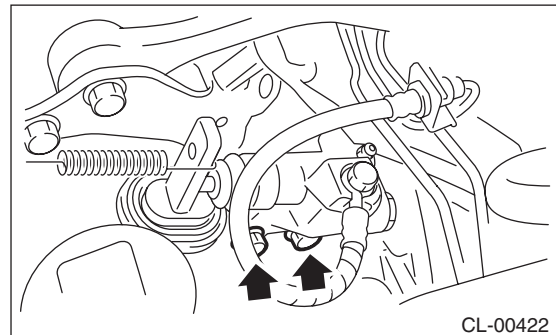
Tightening torque:

7.8 N·m (0.8 kgf-m, 5.8 ft-lb)

8) Install the operating cylinder.

Tightening torque:

41 N·m (4.2 kgf-m, 30.2 ft-lb)



9) After stepping on the clutch pedal, make sure that there are no leaks evident in the entire clutch system.

10) After bleeding the air from clutch system, ensure that the clutch operates properly.

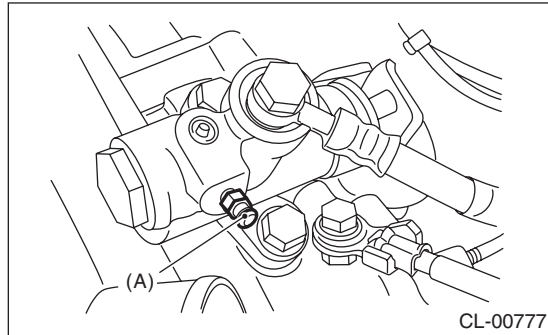
11) Install the intercooler. <Ref. to IN(STI)-13, INSTALLATION, Intercooler.>

2. EXCEPT FOR STI MODEL

NOTE:

Bleed air from the oil line with help of a co-worker.
1) Remove the intercooler. <Ref. to IN(w/o STI)-12, REMOVAL, Intercooler.>

2) Fit one end of a vinyl tube into the air breather of the operating cylinder, and put the other end into a clutch fluid container.

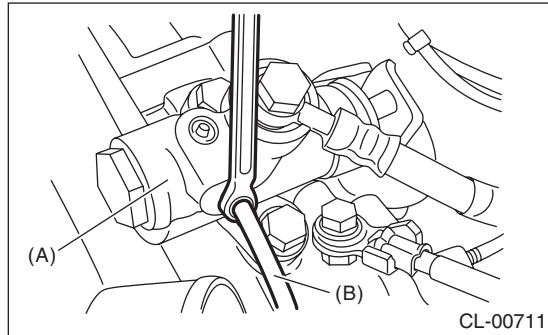


(A) Air breather

3) Slowly depress the clutch pedal several times and keep it depressed. Open the air breather to discharge air together with the clutch fluid. Release the air breather for 1 or 2 seconds. Next, close the air breather, and slowly release the clutch pedal.

CAUTION:

Cover the air breather with cloth to prevent clutch fluid from being splashed on surrounding parts when loosening the breather.



(A) Operating cylinder

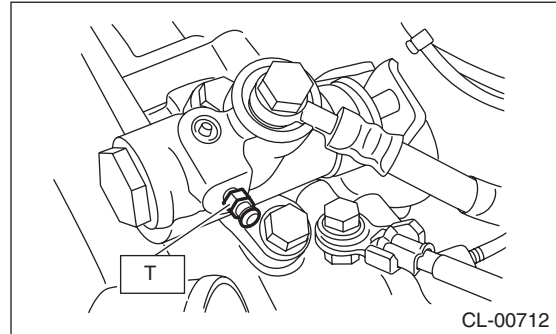
(B) Vinyl tube

4) Repeat procedure 3), until there are no more air bubbles appearing from the air breather.

5) Tighten the air breather.

Tightening torque:

T: 7.8 N·m (0.8 kgf-m, 5.8 ft-lb)



6) After stepping on the clutch pedal, make sure that there are no leaks evident in the entire clutch system.

7) After bleeding the air from clutch system, ensure that the clutch operates properly.

8) Install the intercooler. <Ref. to IN(w/o STI)-12, INSTALLATION, Intercooler.>