

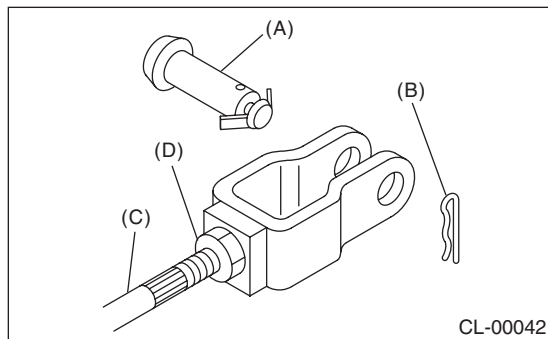
6. Master Cylinder

A: REMOVAL

CAUTION:

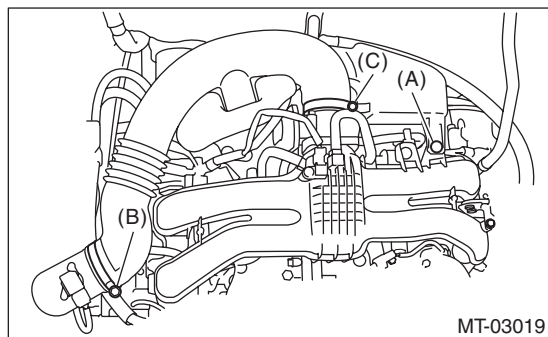
Be careful not to spill the brake fluid. Brake fluid spilled on the vehicle body will harm the paint surface; wash it off with water and wipe clean quickly if spilled.

- 1) Drain the clutch fluid. <Ref. to CL-22, Clutch Fluid.>
- 2) Remove the cover assembly - instrument panel LWR driver. <Ref. to EI-76, REMOVAL, Instrument Panel Lower Cover.>
- 3) Remove the snap pin and clevis pin, and then separate the push rod of the master cylinder.

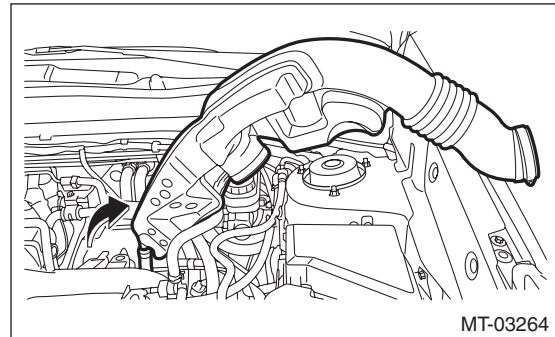


- (A) Clevis pin
- (B) Snap pin
- (C) Push rod
- (D) Lock nut

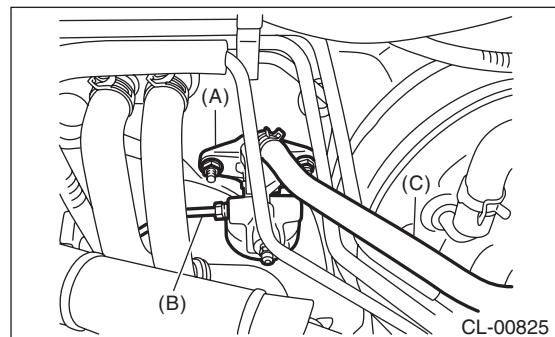
- 4) Remove the clip (A) from the air intake boot.
- 5) Loosen the clamp (B) connecting the air intake boot and air cleaner case (rear).
- 6) Loosen the clamp (C) which connects the air intake boot and throttle body.



- 7) Remove the air intake boot from the throttle body, and move it to the left side wheel apron.



- 8) Disconnect the clutch pipe and tank hose from the master cylinder.
- 9) Remove the master cylinder.



- (A) Master cylinder
- (B) Clutch pipe
- (C) Tank hose

Master Cylinder

CLUTCH SYSTEM

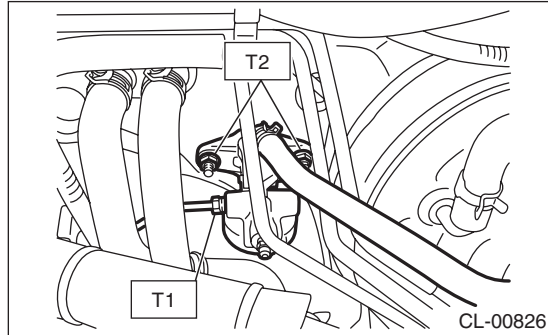
B: INSTALLATION

1) Install the master cylinder to the vehicle body, and connect the clutch pipe and tank hose.

Tightening torque:

T1: 15 N·m (1.5 kgf-m, 11.1 ft-lb)

T2: 18 N·m (1.8 kgf-m, 13.3 ft-lb)



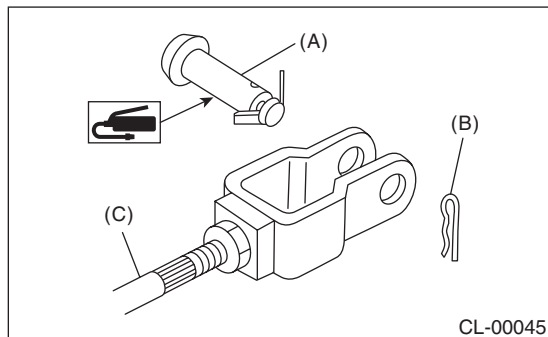
2) Connect the push rod of the master cylinder, and install the clevis pin and snap pin.

CAUTION:

Always use a new clevis pin.

NOTE:

Apply grease to the clevis pin.



- (A) Clevis pin
- (B) Snap pin
- (C) Push rod

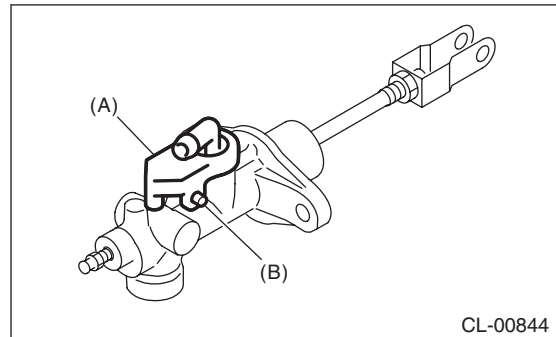
3) Install the cover assembly - instrument panel LWR driver. <Ref. to EI-77, INSTALLATION, Instrument Panel Lower Cover.>

4) After bleeding air from the clutch system, ensure that the clutch operates properly. <Ref. to CL-23, Clutch Fluid Air Bleeding.>

5) Install the air intake boot assembly. <Ref. to IN(H4DO(w/o HEV))-12, INSTALLATION, Air Intake Boot.>

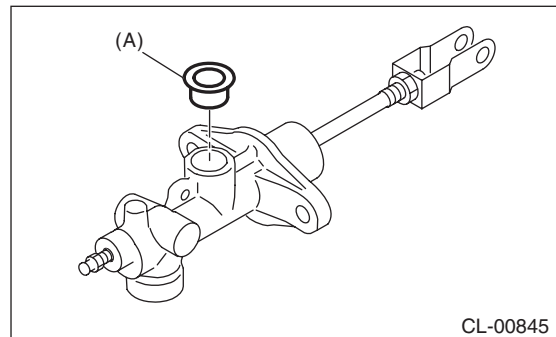
C: DISASSEMBLY

1) Remove the straight pin and nipple.



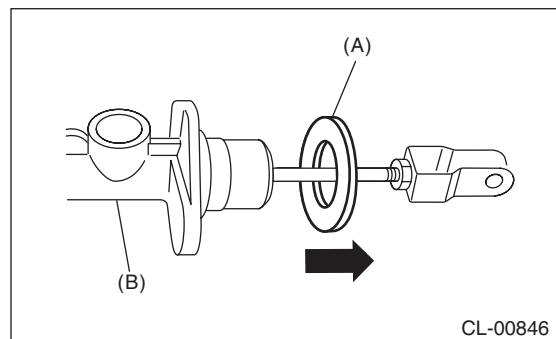
- (A) Nipple
- (B) Straight pin

2) Remove the oil seal.



- (A) Oil seal

3) Move the seat towards the rear.



- (A) Seat
- (B) Master cylinder

4) Remove the piston stop ring.

CAUTION:

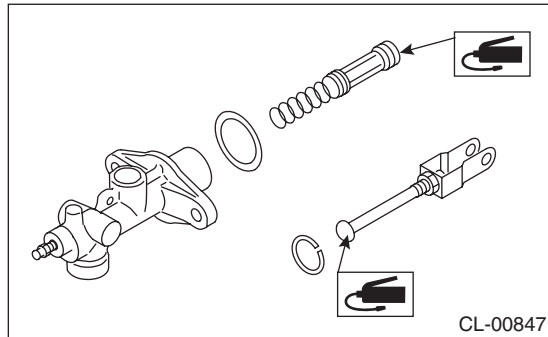
When removing the piston stop ring, be careful to prevent the rod, washer, piston and return spring from popping out.

D: ASSEMBLY

1) Apply a coat of grease to the contact surfaces of the push rod and piston before installation.

Grease:

SILICONE GREASE G-40M or equivalent



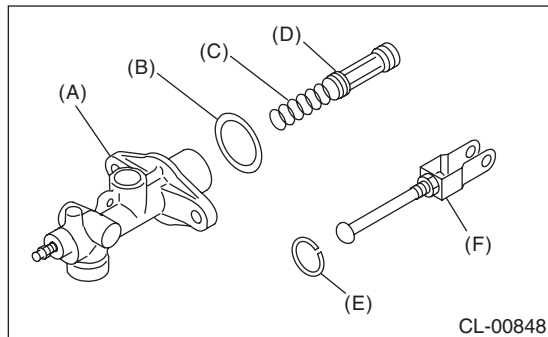
2) Assemble in the reverse order of disassembly.

Tightening torque:

10 N·m (1.0 kgf-m, 7.4 ft-lb)

E: INSPECTION

If any damage, deformation, wear, swelling, rust or other faults are found on the cylinder, piston, push rod, nipple, return spring, bleeder screw, seat or hose, replace the faulty part.



- (A) Master cylinder body
- (B) Seat
- (C) Return spring
- (D) Piston
- (E) Piston stop ring
- (F) Push rod ASSY