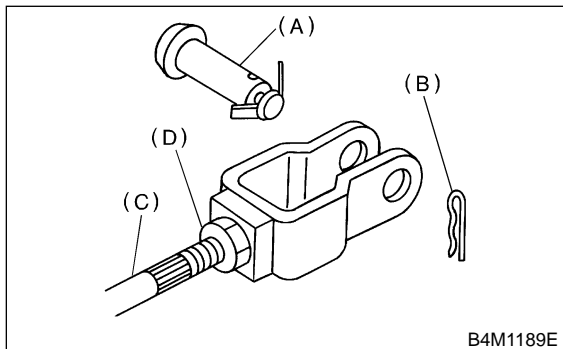


6. Master Cylinder and Reservoir Tank

A: REMOVAL

- 1) Thoroughly drain brake fluid from reservoir tank.
- 2) Remove snap pin, clevis pin and separate push rod of master cylinder from clutch pedal.

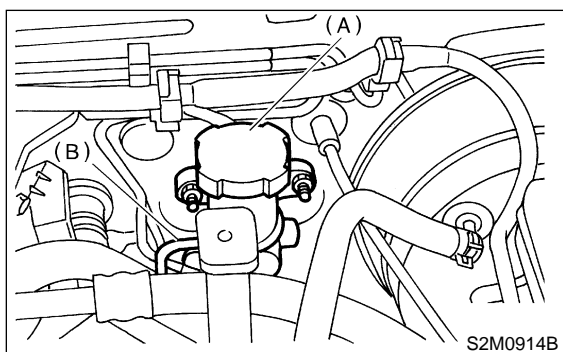


- (A) Clevis pin
- (B) Snap pin
- (C) Push rod
- (D) Lock nut

- 3) Remove clutch pipe from master cylinder.
- 4) Remove master cylinder with reservoir tank.

CAUTION:

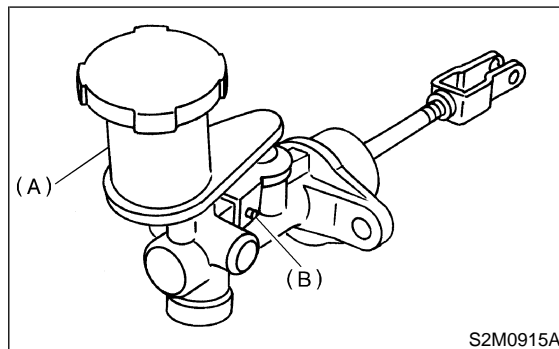
Be extremely careful not to spill brake fluid. Brake fluid spilt on the vehicle body will harm the paint surface; wipe it off quickly if spilt.



- (A) Master cylinder
- (B) Clutch pipe

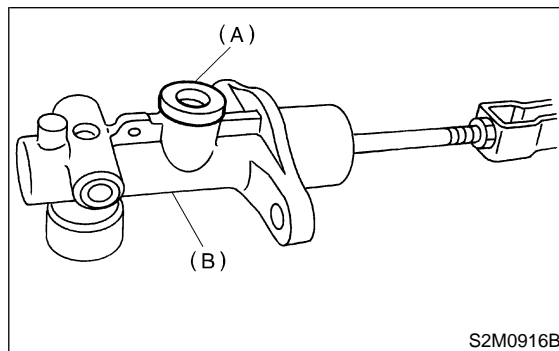
B: DISASSEMBLY

- 1) Remove straight pin and reservoir tank.



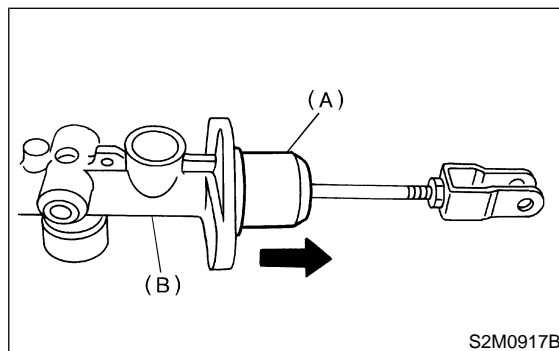
- (A) Reservoir tank
- (B) Straight pin

- 2) Remove oil sealing.



- (A) Oil seal
- (B) Master cylinder

- 3) Move the cylinder boot backward.



- (A) Cylinder boot
- (B) Master cylinder

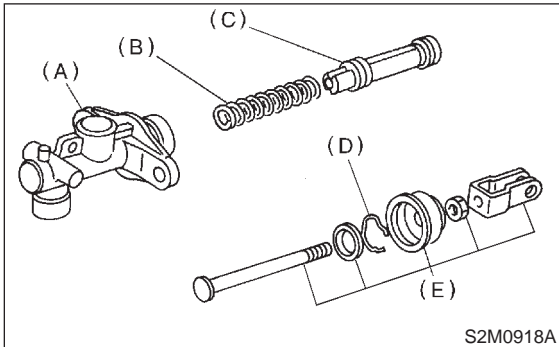
- 4) Remove snap ring.

CAUTION:

Be careful when removing the snap ring to prevent the rod, washer, piston and return spring from flying out.

C: INSPECTION

If any damage, deformation, wear, swelling, rust or other faults are found on the cylinder, piston, push rod, fluid reservoir, return spring and gasket, replace the faulty part.



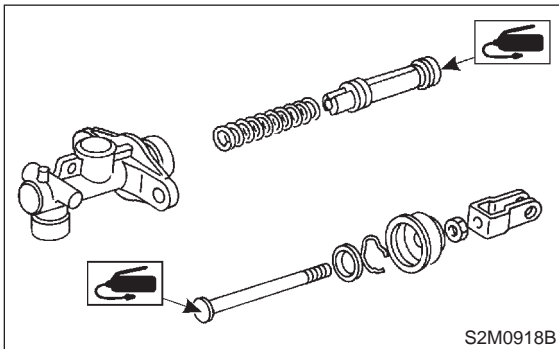
- (A) Master cylinder body
- (B) Return spring
- (C) Piston
- (D) Snap ring
- (E) Rod ASSY

D: ASSEMBLY

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

Grease:

SILICONE GREASE G40M (Part No. 004404003)



2) To assemble the master cylinder reverse the sequence of disassembly procedure.

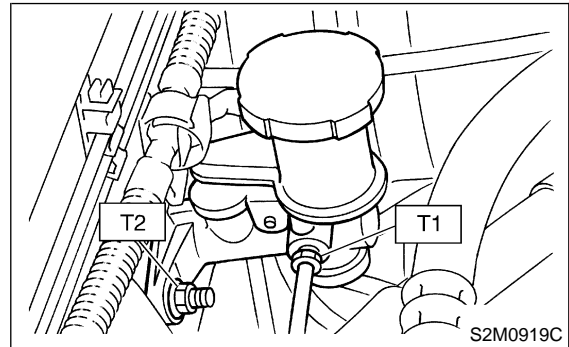
E: INSTALLATION

1) Install master cylinder to body, and install clutch pipe to master cylinder.

CAUTION:
Check that pipe is routed properly.

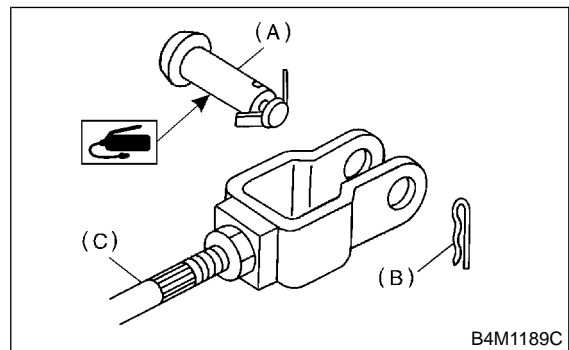
Tightening torque:

T1: $15^{+3}/_{-2}$ N·m ($1.5^{+0.3}/_{-0.2}$ kg·m, $10.8^{+2.2}/_{-1.4}$ ft·lb)
T2: 18 ± 3 N·m (1.8 ± 0.3 kg·m, 13.0 ± 2.2 ft·lb)



2) Connect push rod of master cylinder to clutch pedal, and install clevis pin and snap pin.

NOTE:
Apply grease to clevis pin.



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

3) After bleeding air from system, ensure that clutch operates properly.
<Ref. to 2-10 [W2A0].>