

## DISASSEMBLY

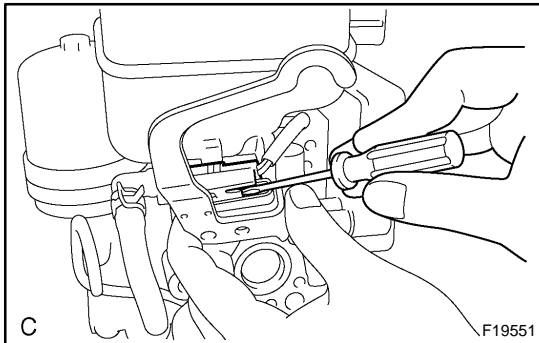
### NOTICE:

As high pressure is applied to the brake actuator tube No. 1, do not deform it.

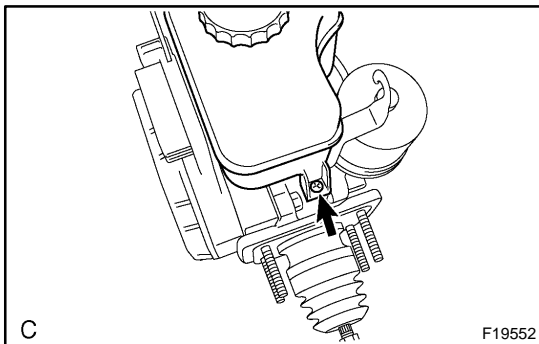
#### 1. REMOVE BRAKE ACTUATOR BRACKET NO. 1

- Using a hexagon wrench (5 mm), remove the screw and brake actuator bracket No. 1 from the hydraulic brake booster assembly.

**Torque: 7.8 N·m (80 kgf·cm, 69 in.-lbf)**



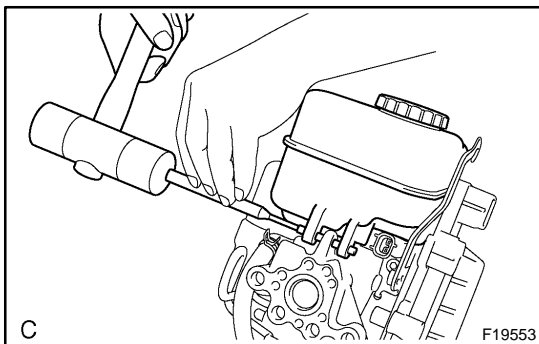
- Using a screwdriver, remove the fluid level warning switch connector from the brake actuator bracket No. 1.



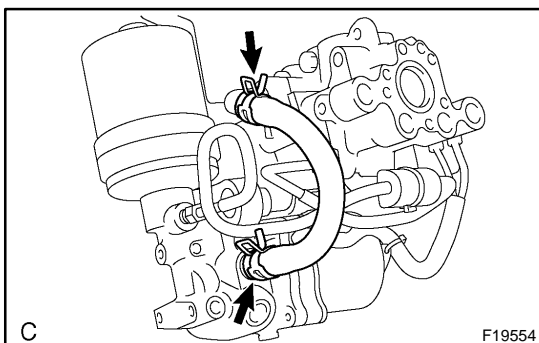
#### 2. REMOVE MASTER CYLINDER RESERVOIR ASSEMBLY

- Remove the screw from the master cylinder reservoir assembly.

**Torque: 1.7 N·m (17 kgf·cm, 15 in.-lbf)**

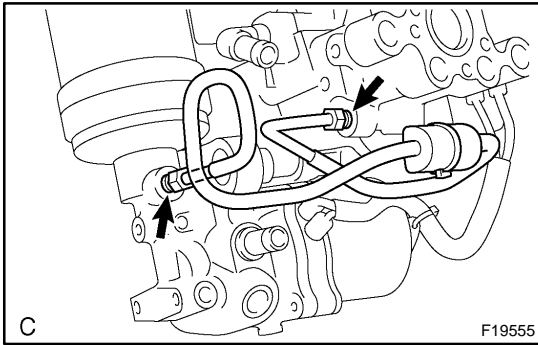


- Using a pin punch and hammer, remove the pin from the master cylinder reservoir assembly.
- Pull out the master cylinder reservoir assembly from the hydraulic brake booster assembly.
- Remove the 3 grommets from the master cylinder reservoir assembly.
- Remove the cap from the master cylinder reservoir assembly.



#### 3. REMOVE BRAKE ACTUATOR HOSE

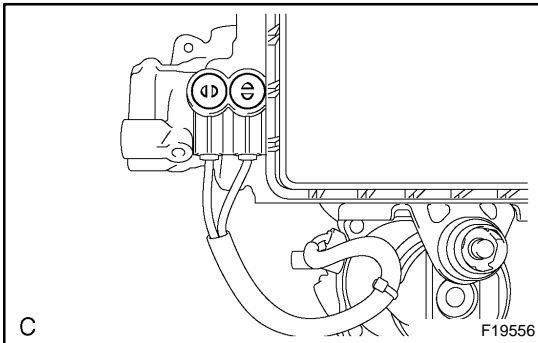
- Using needle nose pliers, slide the 2 clips.
- Remove the brake actuator hose from the hydraulic brake booster assembly.



#### 4. REMOVE BRAKE ACTUATOR TUBE NO. 1

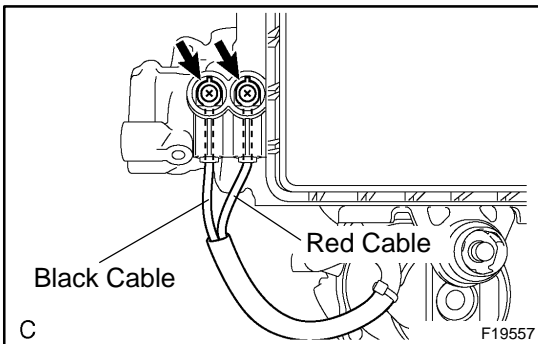
- (a) Using SST, remove the brake actuator tube No. 1 from the hydraulic brake booster assembly.

**Torque: 15.2 N·m (155 kgf·cm, 11.2 ft·lbf)**



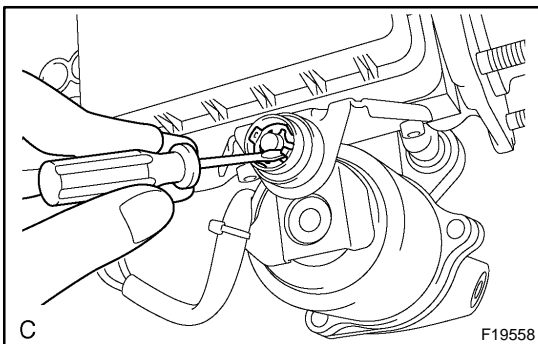
#### 5. REMOVE BRAKE BOOSTER W/ ACCUMULATOR

- (a) Using a screwdriver, remove the 2 plugs from the hydraulic brake booster assembly.

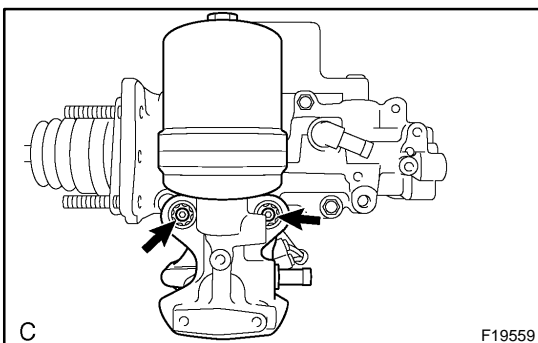


- (b) Remove the 2 screws and pull the wire harness from the hydraulic brake booster assembly.

**Torque: 2.9 N·m (30 kgf·cm, 26 in.-lbf)**



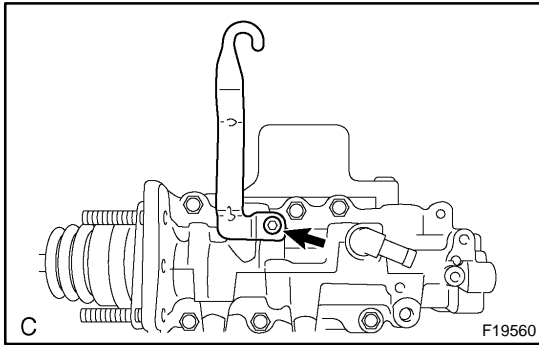
- (c) Using a screwdriver, remove the clip from the hydraulic brake booster assembly.



- (d) Using a hexagon wrench (4 mm), loosen the 2 pins and brake booster w/ accumulator pump assembly from the hydraulic brake booster assembly.

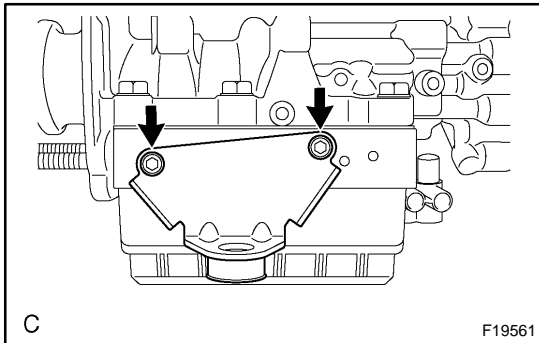
**Torque: 7.8 N·m (80 kgf·cm, 69 in.-lbf)**

- (e) Remove the 2 pins, 2 bushes and 2 collars from the brake booster w/ accumulator pump assembly.

**6. REMOVE BRAKE ACTUATOR BRACKET**

Using a hexagon wrench (5 mm), remove the screw and brake actuator bracket from the hydraulic brake booster assembly.

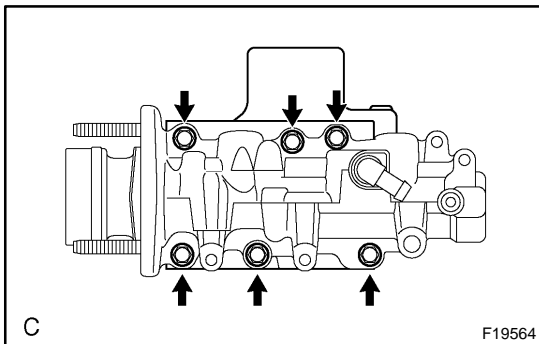
**Torque: 7.8 N·m (80 kgf·cm, 69 in.-lbf)**

**7. REMOVE BRAKE BOOSTER PUMP BRACKET**

(a) Using a hexagon wrench (5 mm), remove the 2 screws and brake booster pump bracket from the hydraulic brake booster assembly.

**Torque: 7.8 N·m (80 kgf·cm, 69 in.-lbf)**

(b) Remove the bush from the brake booster pump bracket.

**8. REMOVE MASTER CYLINDER SOLENOID**

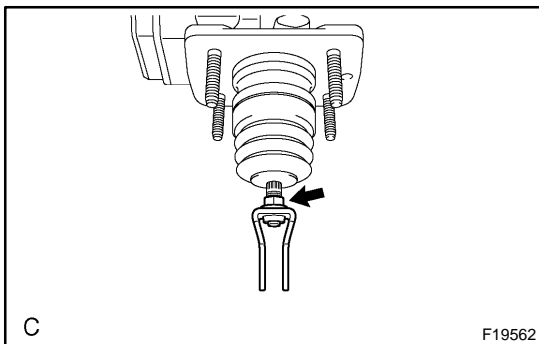
(a) Remove the 6 bolts.

**Torque: 31.9 N·m (325 kgf·cm, 24 ft-lbf)**

(b) Remove the master cylinder solenoid and the gasket from the master cylinder body.

**NOTICE:**

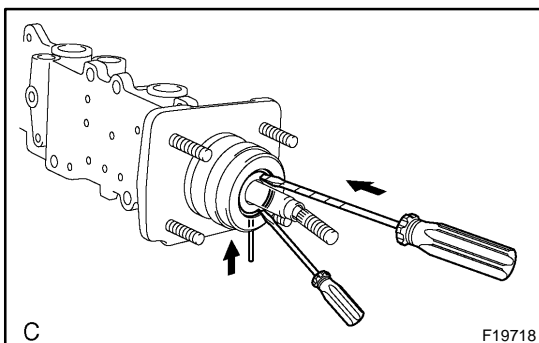
**Do not let water, dust, and/or other objects attach to the surface and/or attaching surface of the master cylinder solenoid, master cylinder and body gasket.**

**9. REMOVE CLEVIS**

(a) Loosen the clevis lock nut.

**Torque: 25.5 N·m (260 kgf·cm, 19 ft-lbf)**

(b) Remove the clevis and clevis lock nut from the hydraulic brake booster assembly.

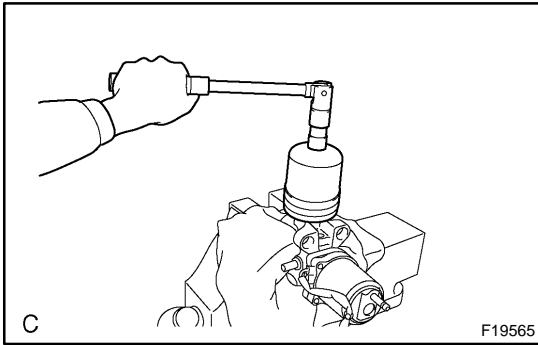
**10. REMOVE BOOT****11. REMOVE PISTON**

(a) Pressing the piston in with a screwdriver, use a pin or equivalent to push the C-ring from the hole in the master cylinder body then remove it with another screwdriver.

(b) Remove the piston, pulling it straight out, not at an angle.

**NOTICE:**

- If pulled out at an angle, there is a possibility that the cylinder bore could be damaged.
- During reassembly, be careful not to damage the rubber lips of the piston.



## 12. REMOVE BRAKE BOOSTER ACCUMULATOR ASSEMBLY

- (a) Place the brake booster w/ accumulator pump assembly in a vise between a cloth.
- (b) Using a socket wrench (17 mm), remove the brake booster accumulator assembly from the pump motor assembly.  
**Torque: 57.4 N·m (585 kgf·cm, 42 ft·lbf)**
- (c) Remove the brake accumulator pipe, compression spring and O-ring from the brake booster accumulator assembly and the pump motor assembly.