

DISASSEMBLY

1. PLACE HYDRAULIC BRAKE BOOSTER IN VISE

Using SST, set the hydraulic brake booster in vise.

SST 09630-00014 (09631-00142),
09950-60010 (09951-00180, 09951-00190)

2. REMOVE FLUID LEVEL WARNING SWITCH CONNECTOR CLAMP

- (a) Disconnect the connector.
- (b) Remove the bolt and clamp.

3. RHD 1HD-T engine w/o cruise control: REMOVE BOLT AND CLAMP

4. REMOVE RESERVOIR AND GROMMETS

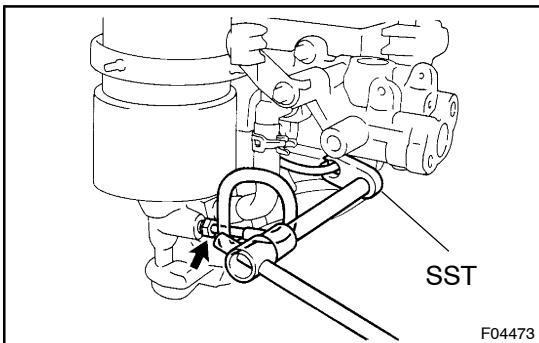
- (a) Remove reservoir cap.
- (b) Remove the 3 set screws and pull out the reservoir.

Torque: 1.7 N·m (17.5 kgf·cm, 15.2 in·lbf)

- (c) Remove the 3 grommets.

5. REMOVE CLEVIS AND CYLINDER BOOT

- (a) Loosen the lock nut, then remove the clevis and lock nut.
Torque: 25 N·m (260 kgf·cm, 19 ft·lbf)
- (b) Remove the cylinder boot.



6. REMOVE BRAKE ACTUATOR TUBE NO. 1

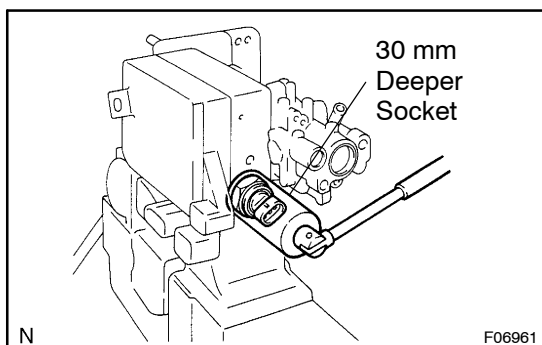
Using SST, remove the brake actuator tube No. 1.

SST 09023-00100

Torque: 15 N·m (155 kgf·cm, 11 ft·lbf)

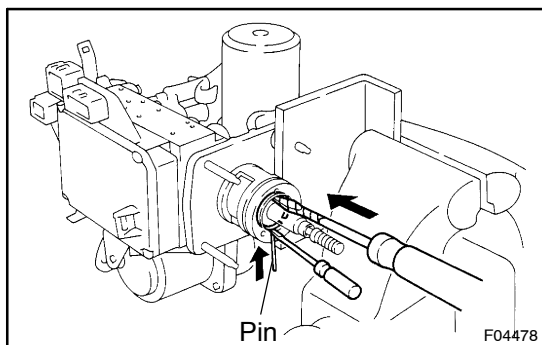
7. REMOVE BOOSTER PUMP AND ASSEMBLY

- (a) Remove the actuator hose.
- (b) Remove the 4 screws and wire harness from the booster and pump.
- (c) Remove the 2 bolts, accumulator bracket.
- (d) Remove the 2 bolts and booster pump motor assembly.
- (e) Remove the bolt and No. 1 pump bracket.
- (f) Remove the 2 washers, 2 cushions, 2 collars and sleeve.
- (g) Remove the 2 bolts and No. 2 pump bracket.
- (h) Remove the cushion from No. 2 pump bracket.

**8. ABS & BA & TRC & VSC only:****REMOVE MASTER CYLINDER PRESSURE SENSOR**

Using 30 mm deeper socket wrench and remove the oil pressure sensor, spacer and O-ring.

Torque: 81 N·m (830 kgf·cm, 60 ft·lbf)

**9. REMOVE PISTON**

- (a) Pressing the piston in with a screwdriver, use a pin or an equivalent to push the snap ring from the hole in the body then remove it with another screwdriver.
- (b) Remove the piston, pulling straight out, not at an angle.

NOTICE:

- If pulled out and installed at an angle, there is a possibility that the cylinder bore could be damaged.
- At the time of reassembly, be careful not to damage the rubber lips on the pistons.

10. REMOVE ACCUMULATOR FROM BOOSTER PUMP

- (a) Using SST, remove the accumulator.

SST 09318-12010

Torque: 54 N·m (550 kgf·cm, 36 ft·lbf)

- (b) Remove the silencer tube, spring and O-ring.

