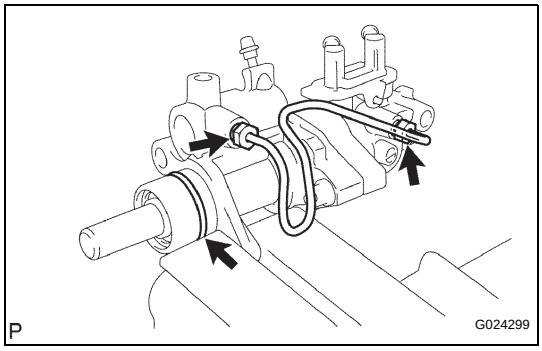
DISASSEMBLY

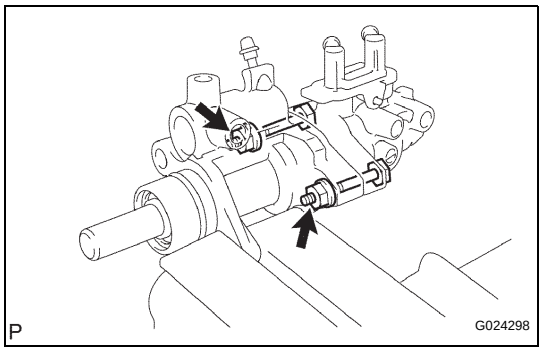
1. REMOVE BRAKE MASTER LESS RESERVOIR TANK CYLINDER SUB-ASSEMBLY

(a) Using soft jaws on the vise, hold the brake master cylinder in a vise through aluminum plates.

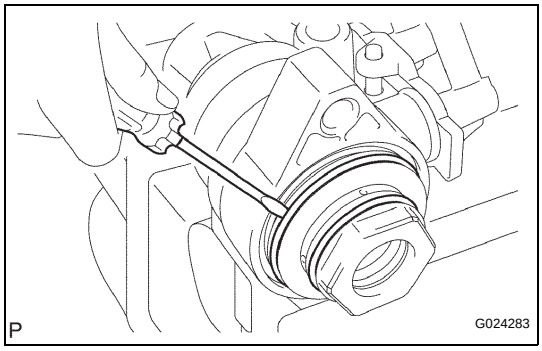
(b) Using a screwdriver, remove the O-ring.

(c) Using SST, remove the brake tube from the brake master cylinder.
SST 09023-00101

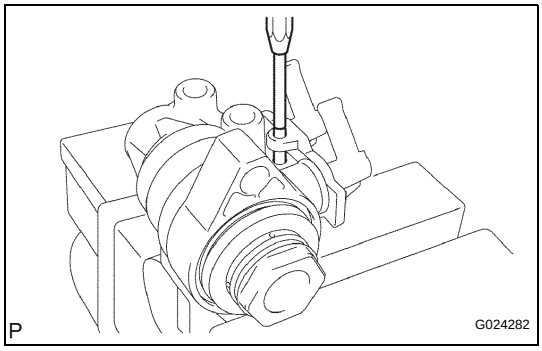




(d) Remove the 2 nuts, 2 bolts and brake master less reservoir tank cylinder sub-assembly.
NOTICE:
- **Pay due attention so as not to drop the No. 3 piston from the diameter converting unit. (if the No. 3 piston drops, it cannot be reused.)**
- **Pay due attention so as not to drop the No. 1 piston from the plunger master cylinder. (if the No. 1 piston drops, it cannot be reused.)**



(e) Using a screwdriver, remove the 2 O-rings.

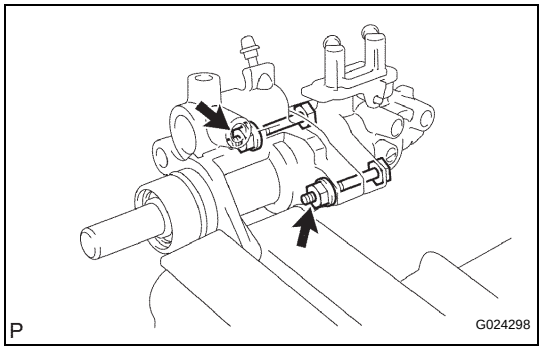


(f) Using a pin punch (ϕ 5 mm) and hammer, remove the pin.

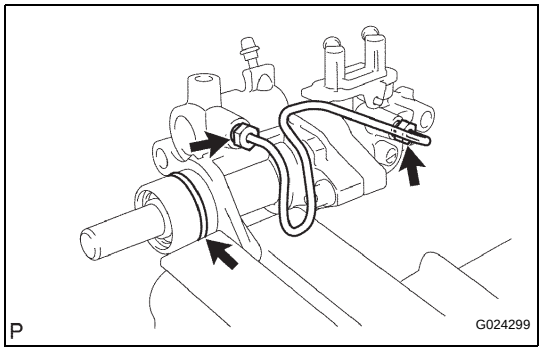
(g) Remove the brake master cylinder union and 2 brake master cylinder union grommets.

REASSEMBLY

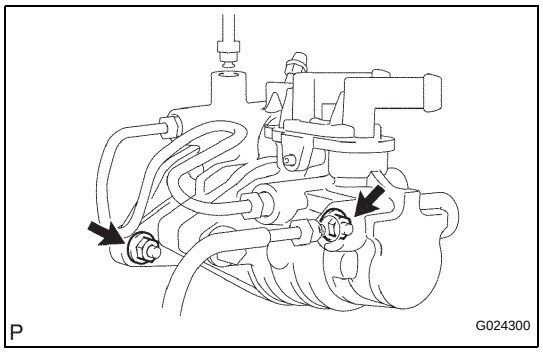
1. **INSTALL BRAKE MASTER LESS RESERVOIR TANK CYLINDER SUB-ASSEMBLY**
   (a) Apply lithium soap base glycol grease to the 2 brake master cylinder union grommets and install them to the brake master less reservoir tank cylinder sub-assembly.
   (b) Using a pin punch (ϕ 5 mm) and hammer, install the master cylinder union with the pin.
   (c) Install the 2 new O-rings.



   (d) Install the brake master less reservoir tank cylinder sub-assembly with the 2 nuts and, 2 bolts.
   Torque: 25 N*m (255 kgf*cm, 18 ft.*lbf)
   NOTICE:
   When the diameter converting unit and master cylinder are connected, install the No. 3 piston with no looseness.

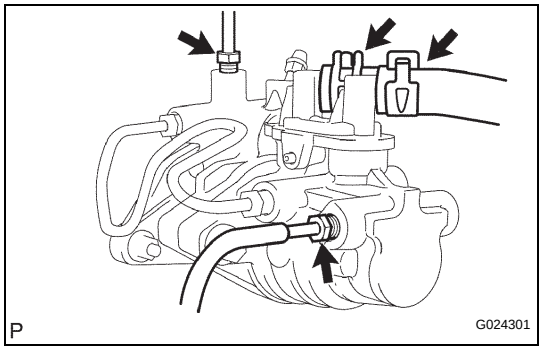


   (e) Using SST, install the brake tube to the brake master cylinder.
   SST 09023-00101
   Torque: 15 N*m (155 kgf*cm, 11 ft.*lbf)
   (f) Install the new O-ring.



INSTALLATION

1. **INSTALL BRAKE MASTER CYLINDER**
   (a) Install the brake master cylinder with the 2 nuts.
   Torque: 13 N*m (130 kgf*cm, 9 ft.*lbf)
   (b) Slide the clip and connect the brake master cylinder reservoir hose.



   (c) Using SST, connect the 2 brake tube to the brake master cylinder.
   SST 09023-00101
   Torque: 15 N*m (155 kgf*cm, 11 ft.*lbf)
2. **INSTALL AIR CLEANER ASSEMBLY WITH HOSE**
3. **FILL RESERVOIR WITH BRAKE FLUID (See page BR-3)**
4. **BLEED BRAKE MASTER CYLINDER (See page BR-3)**
5. **BLEED BRAKE LINE (See page BR-4)**

6. **BLEED BRAKE ACTUATOR (w/ VSC) (See page BR-4)**
7. **CHECK BRAKE FLUID LEVEL IN RESERVOIR (See page BR-7)**
8. **CHECK BRAKE FLUID LEAKAGE**
9. **INSTALL COWL TOP PANEL SUB-ASSEMBLY OUTER FRONT**
10. **INSPECT BRAKE PEDAL HEIGHT (See page BR-9)**
11. **CHECK BRAKE ACTUATOR WITH INTELLIGENT TESTER**

Type of Brake Actuator	See Procedure
With VSC	BC-178
Without VSC	BC-183