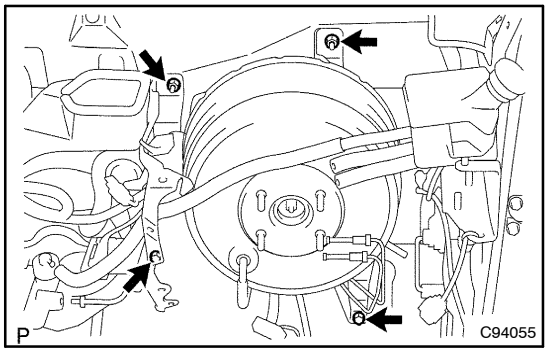
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REPLACEMENT

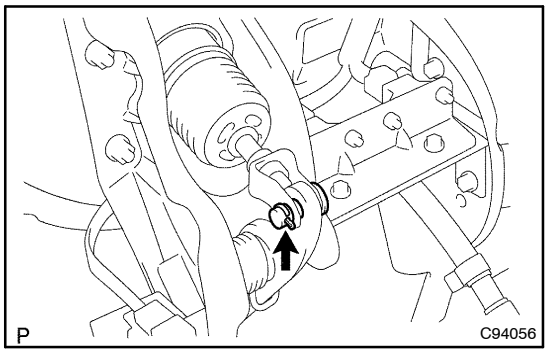
1. REMOVE INSTRUMENT PANEL ASSY (See page 71–11, 71–17)
2. REMOVE BRAKE MASTER LESS RESERVOIR TANK CYLINDER SUB–ASSY (See page 32–10)



3. REMOVE BRAKE PEDAL BRACKET ASSEMBLY

(a) Disconnect the vacuum hose, and remove the 2 nuts and 2 bolts.

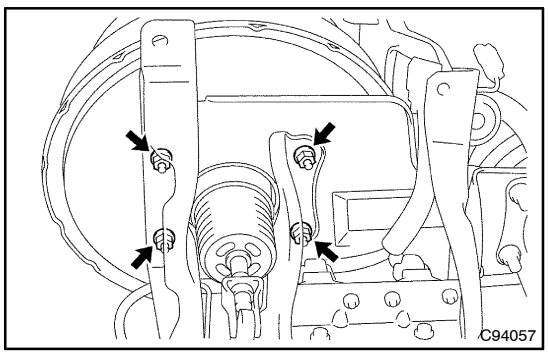
(b) Remove the pedal bracket together with the brake booster assembly.



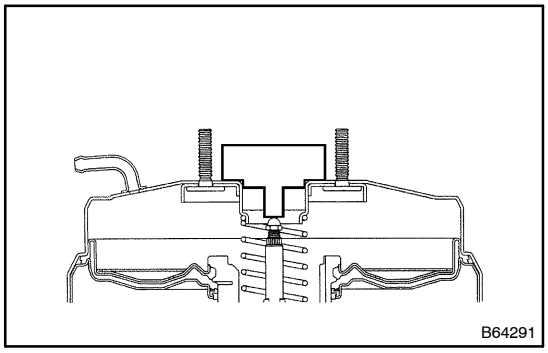
4. REMOVE BRAKE BOOSTER ASSY

(a) Remove the cotter pin and clevis pin.

(b) Remove the vacuum hose.



(c) Remove the 4 nuts and pull out the brake booster.



5. INSPECT BRAKE BOOSTER PUSH ROD

(a) Apply chalk to the tip of the accessory tool belonging to the supply master cylinder sub–assy.

(b) Attach the accessory accessary tool to the brake booster and check the clearance between the accessory tool and the push rod.

Clearance: 0 mm (0 in.)

NOTICE:

When there is a clearance between the accessory tool and the booster shell (when the accessory tool has no contact), the clearance is as too small, and when no chalk is attached to the tip of the push rod, the clearance is too large. in the case, adjust the clearance.

6. ADJUST BRAKE BOOSTER PUSH ROD

(a) When the clearance between the accessory tool and the push rod is not 0, depress the brake pedal and adjust the length of the push rod with the booster push rod in extended condition.

NOTICE:

Perform the adjustment when no negative pressure is applied to the booster. (Depress the brake pedal several times with the engine stopped so that no negative pressure will be in the booster).

7. INSTALL BRAKE BOOSTER ASSY

(a) Install the brake booster with the 4 nuts.

Torque: 12.5 N·m (130 kgf·cm, 9 ft·lbf)

(b) Install the vacuum hose.

(c) Install the clevis pin to the clevis through the brake pedal.

(d) Secure the clevis pin with a new cotter pin.

8. INSTALL BRAKE PEDAL BRACKET ASSEMBLY

(a) Install the pedal bracket to the brake booster.

(b) With the 2 nuts and 2 bolts.

Torque: 29 N·m (300 kgf·cm, 21 ft·lbf)

(c) Connect the vacuum hose.

9. INSTALL BRAKE MASTER LESS RESERVOIR TANK CYLINDER SUB-ASSY (See page 32-10)

10. INSTALL INSTRUMENT PANEL ASSY (See page 71-11, 71-17)

11. CHECK AND ADJUST BRAKE PEDAL HEIGHT (See page 32-7)

12. CHECK PEDAL FREE PLAY (See page 32-7)

13. CHECK PEDAL RESERVE DISTANCE (See page 32-7)