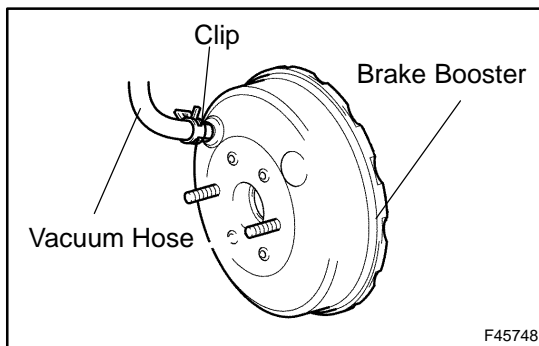


REPLACEMENT

NOTICE:

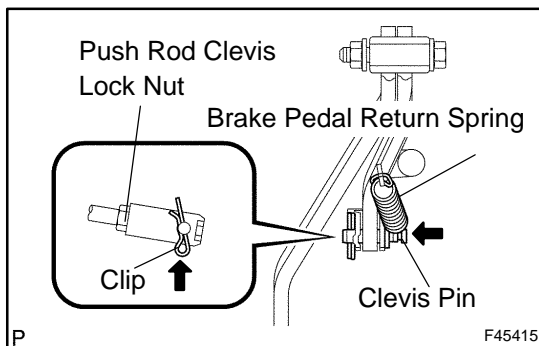
Wash the brake fluid off immediately if it adheres to any painted surfaces.

1. DRAIN BRAKE FLUID
2. REMOVE AIR CLEANER CAP SUB-ASSY
3. DISCONNECT CLUTCH RESERVOIR TUBE (M/T TRANSAXLE)
 - (a) Slide the clip and disconnect the clutch reservoir tube.
4. REMOVE BRAKE MASTER CYLINDER (See page 32-13)
SST 09023-00100
5. REMOVE BATTERY
6. REMOVE BRAKE ACTUATOR WITH BRACKET (See page 32-39)

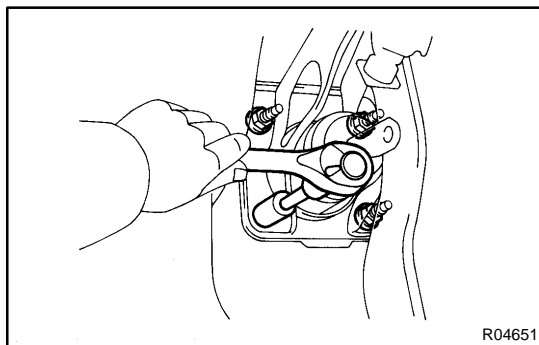


7. REMOVE BRAKE BOOSTER ASSY

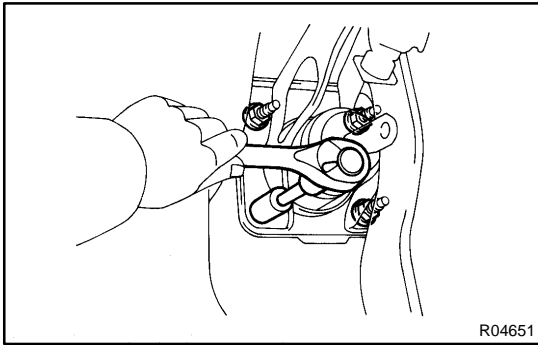
- (a) Slide the clip and disconnect the vacuum hose from the brake booster assy.



- (b) Remove the brake pedal return spring, the clip and the clevis pin.
- (c) Loosen the push rod clevis lock nut.



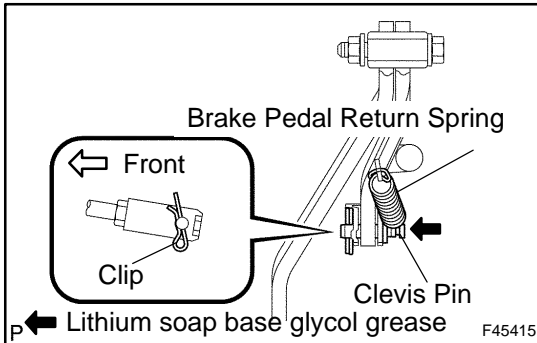
- (d) Remove the 4 nuts and push rod clevis.
- (e) Pull out the brake booster assy and the gasket.



8. INSTALL BRAKE BOOSTER ASSY

- (a) Install the brake booster assy and a new gasket.
- (b) Install the brake booster assy with the 4 nuts and push rod clevis.

Torque: 13 N·m (130 kgf·cm, 9 ft·lbf)

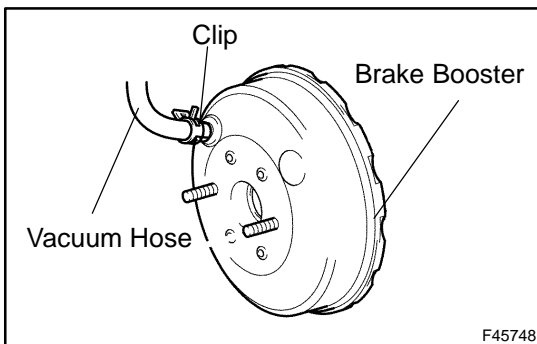


- (c) Apply lithium soap base glycol grease to the clevis pin.
- (d) Install the clip and the clevis pin.

NOTICE:

The direction for the clip installation is as follows.

- (e) Install the brake pedal return spring.



- (f) Connect the vacuum hose to the brake booster assy and slide the clip.

9. INSPECT AND ADJUST BRAKE BOOSTER PUSH ROD

NOTICE:

Make an adjustment with the brake booster assy having no vacuum. (Depress the brake pedal several times with the engine stopped.)

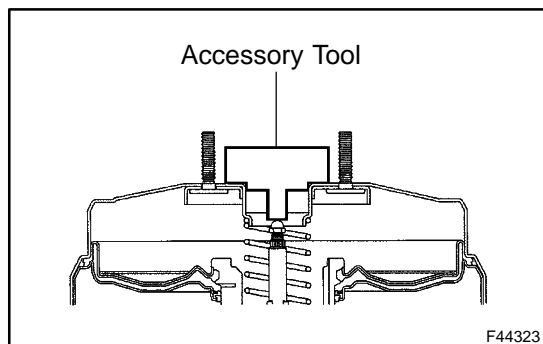
HINT:

Adjustment of the brake booster push rod is performed when the brake master cylinder sub-assy is replaced with a new one. The adjustment is not necessary when the brake master cylinder sub-assy is reinstalled and the brake booster assy is replaced with a new one.

- (a) Apply the chalk to the tip of an accessory tool.

HINT:

Then accessory tool is enclosed with a new brake master cylinder sub-assy.



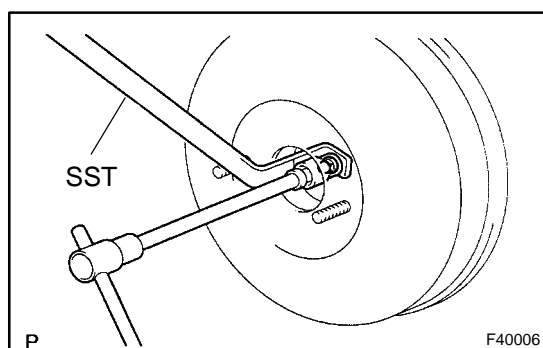
- (b) Place the accessory tool in the brake booster assy.
 (c) Measure the clearance between the brake booster push rod and accessory tool.

Clearance: 0 mm (0 in.)

HINT:

Adjust the clearance in the following cases:

- If there is a clearance between the accessory tool and the shell of the brake booster (floating accessory tool), the clearance is too small.
- If the chalk does not stick on the tip of the brake booster push rod, the clearance is large.



- (d) If clearance is outside of the specified range, fix the push rod using SST and adjust the length of the protruding adjusting bolt.

SST 09737-00020

HINT:

When adjusting the push rod, depress the brake pedal sufficiently so that the push rod sticks out.

10. INSTALL BRAKE ACTUATOR WITH BRACKET (See page 32-39)

11. INSTALL BRAKE MASTER CYLINDER (See page 32-13)

SST 09023-00100

12. INSTALL CLUTCH RESERVOIR TUBE (M/T TRANSAXLE)

- (a) Slide the clip and connect the clutch reservoir tube.

13. INSTALL AIR CLEANER CAP SUB-ASSY

14. INSTALL BATTERY

15. FILL RESERVOIR WITH BRAKE FLUID (See page 32-4)

16. BLEED MASTER CYLINDER (See page 32-4)

17. BLEED BRAKE LINE (See page 32-4)

18. BLEED CLUTCH LINE (M/T TRANSAXLE) (See page 42-9)

19. CHECK AND ADJUST BRAKE PEDAL HEIGHT (See page 32-8)

20. CHECK PEDAL FREE PLAY (See page 32-8)

21. CHECK PEDAL RESERVE DISTANCE (See page 32-8)

22. CHECK FLUID LEVEL IN RESERVOIR (See page 32-4)

23. CHECK FOR BRAKE FLUID LEAKAGE

24. CHECK BRAKE ACTUATOR WITH HAND-HELD TESTER (See page 05-265)