

INSTALLATION

1. INSPECT AND ADJUST BRAKE BOOSTER PUSH ROD

NOTICE:

Make adjustments while the brake booster has no vacuum in it. (Depress the brake pedal several times with the engine stopped.)

HINT:

The brake booster push rod should be adjusted when the brake master cylinder is replaced with a new one. The adjustment is not necessary when the brake master cylinder is reinstalled and the brake booster is replaced with a new one.

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

HINT:

An accessory tool is enclosed with a new brake master cylinder sub-assembly.

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

Clearance:

0 mm (0 in.)

HINT:

Adjust the clearance in following cases:

- If there is any 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 too big.

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

SST 09737-00020

HINT:

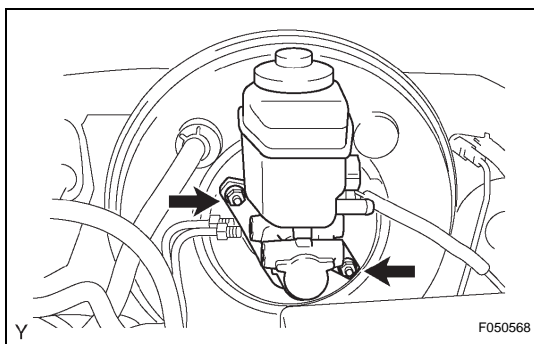
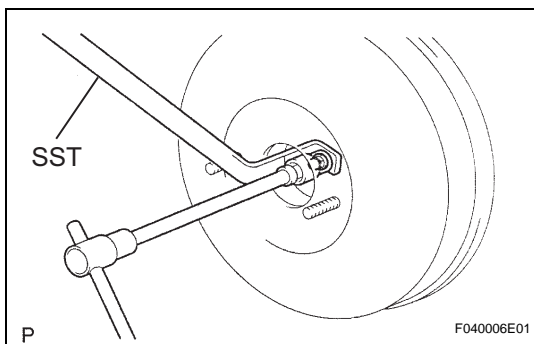
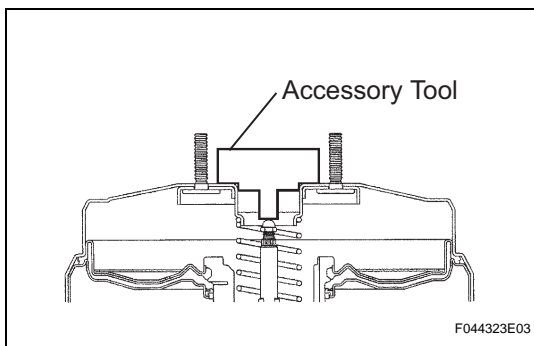
When adjusting the push rod, depress the brake pedal sufficiently so that the push rod sticks out.

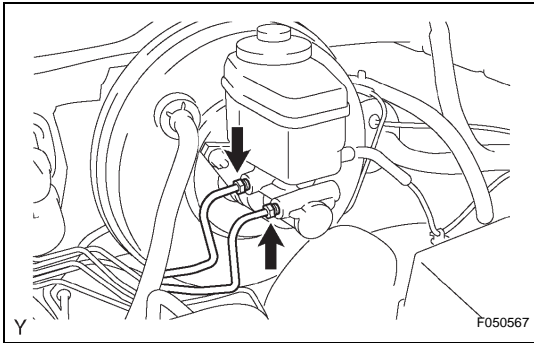
2. INSTALL BRAKE MASTER CYLINDER

- (a) Install a new O-ring onto the brake master cylinder.

- (b) Install the brake master cylinder with the 2 nuts onto the brake booster.

Torque: 12.5 N*m (127 kgf*cm, 9 ft.*lbf)

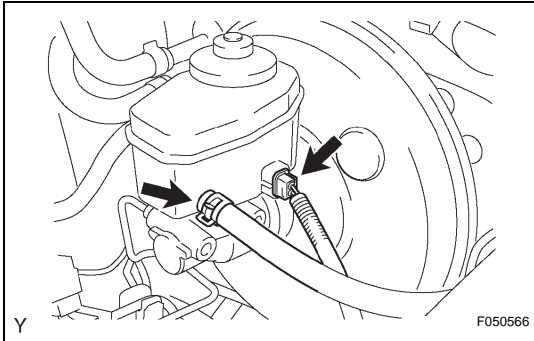




- (c) Using SST, connect the 2 brake lines to the brake master cylinder.

SST 09023-00101

Torque: 15 N*m (153 kgf*cm, 11 ft.*lbf)



- (d) for Manual Transmission:

(1) Connect the clutch reservoir tube to the reservoir.

- (e) Connect the brake fluid level warning switch connector to the brake master cylinder.

3. **FILL RESERVOIR WITH BRAKE FLUID (See page BR-7)**
4. **BLEED MASTER CYLINDER (See page BR-7)**
5. **BLEED BRAKE LINE (See page BR-7)**
6. **CHECK FLUID LEVEL IN RESERVOIR (See page BR-8)**
7. **CHECK FOR BRAKE FLUID LEAKAGE**
8. **INSPECT BRAKE PEDAL HEIGHT (See page BR-11)**
9. **INSPECT PEDAL FREE PLAY (See page BR-14)**
10. **INSPECT PEDAL RESERVE DISTANCE (See page BR-14)**
11. **CONNECT CABLE TO NEGATIVE BATTERY TERMINAL**
Torque: 3.9 N*m (40 kgf*cm, 35 in.*lbf)
(See page IN-5)