

INSPECTION

1. CHECK AND ADJUST BRAKE BOOSTER PUSH ROD

NOTICE:

The brake booster interior must not be a vacuum when adjusting the booster. Stop the engine and depress the brake pedal several times until there is no vacuum in the booster.

HINT:

Adjust the booster push rod when the master cylinder is replaced with a new one. Adjustment is not necessary when the master cylinder is reinstalled and booster is replaced with a new one.

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

HINT:

An accessory tool is included with each new master cylinder.

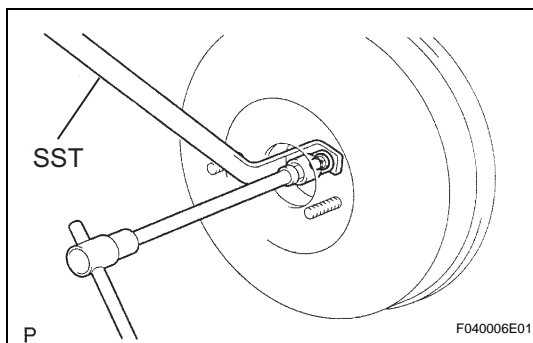
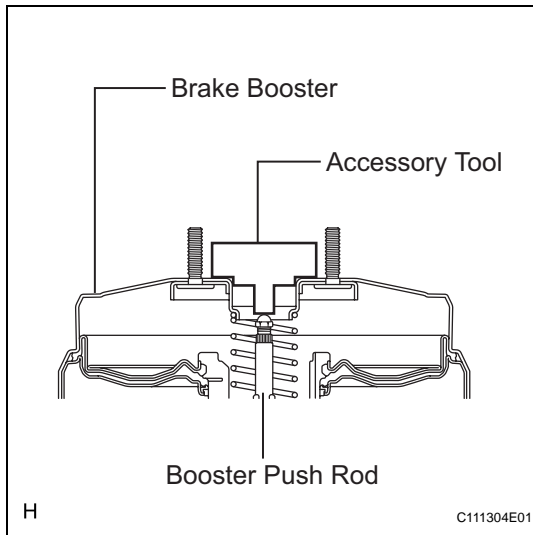
- (b) Place the accessory tool on the booster.

- (c) Confirm that there is no clearance between the booster push rod and accessory tool.

If there is clearance between the tool and shell of the booster, the rod is protruding too far.

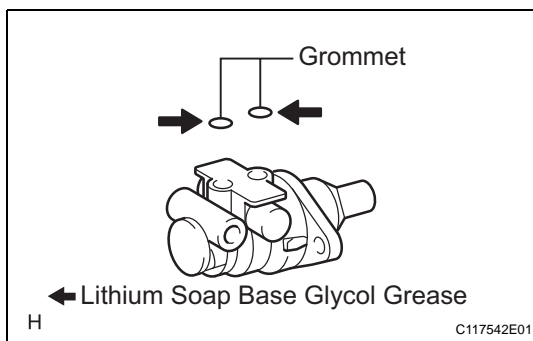
If chalk does not transfer from the tool to the rod, the rod is not protruding far enough.

In both cases, adjust the rod in the next step.



- (d) To adjust the clearance of the rod, first depress the pedal so that the rod protrudes. Then fix the rod in place using SST and rotate the hexagon cap nut to adjust the clearance.

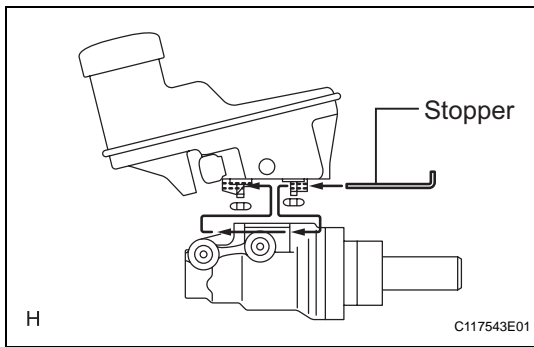
SST 09737-00020



INSTALLATION

1. INSTALL BRAKE MASTER CYLINDER RESERVOIR SUB-ASSEMBLY

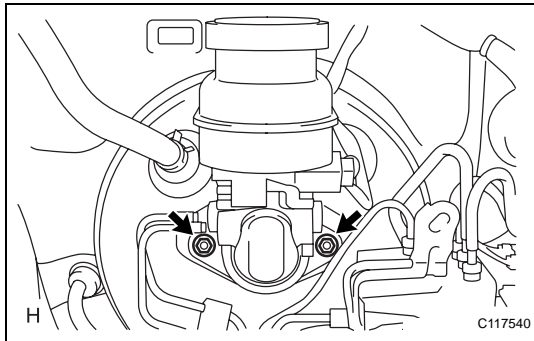
- (a) Apply lithium soap base glycol grease to 2 new grommets and install them to the brake master cylinder.
- (b) Install the cap and strainer to the brake master cylinder reservoir.



- (c) Install the brake master cylinder reservoir with the reservoir stopper.

NOTICE:

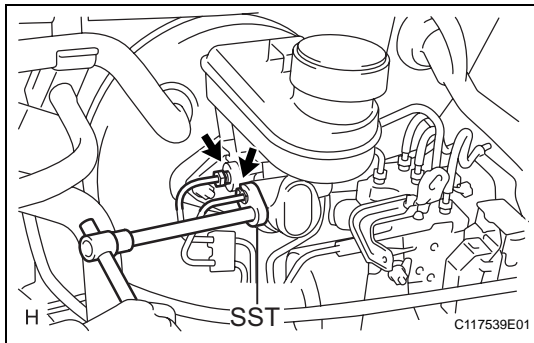
Install the stopper securely to the groove of the reservoir and master cylinder.



2. INSTALL BRAKE MASTER CYLINDER SUB-ASSEMBLY

- (a) Install the brake master cylinder to the booster with the 2 nuts.

Torque: 13 N*m (127 kgf*cm, 9 ft.*lbf)



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

SST 09023-00101

Torque: 15 N*m (155 kgf*cm, 11 ft.*lbf) without SST

14 N*m (143 kgf*cm, 10 ft.*lbf) with SST

HINT:

Use a torque wrench with a fulcrum length of 30 cm (11.81 in.).

- (c) Connect the level warning light switch connector.

3. CONNECT CLUTCH RESERVOIR TUBE (for Manual Transaxle)

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

4. INSTALL AIR CLEANER CAP SUB-ASSEMBLY

5. FILL RESERVOIR WITH BRAKE FLUID (See page BR-3)

6. BLEED AIR FROM BRAKE MASTER CYLINDER (See page BR-3)

7. BLEED AIR FROM BRAKE LINE (See page BR-4)

8. BLEED AIR FROM CLUTCH LINE (for Manual Transaxle) (See page CL-11)

9. CHECK BRAKE FLUID LEVEL IN RESERVOIR (See page BR-6)

10. CHECK FOR BRAKE FLUID LEAKAGE