

REPLACEMENT

1. REMOVE ENGINE ROOM SIDE COVER

2. SEPARATE ENGINE ROOM NO.3 R/B

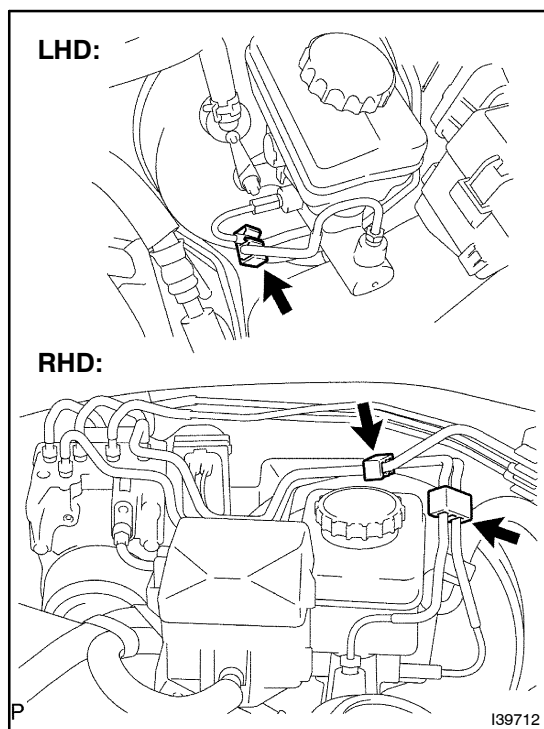
- (a) Remove the bolt and separate the engine room No.3 R/B.

3. DRAIN BRAKE FLUID

- (a) Draw out fluid with syringe.

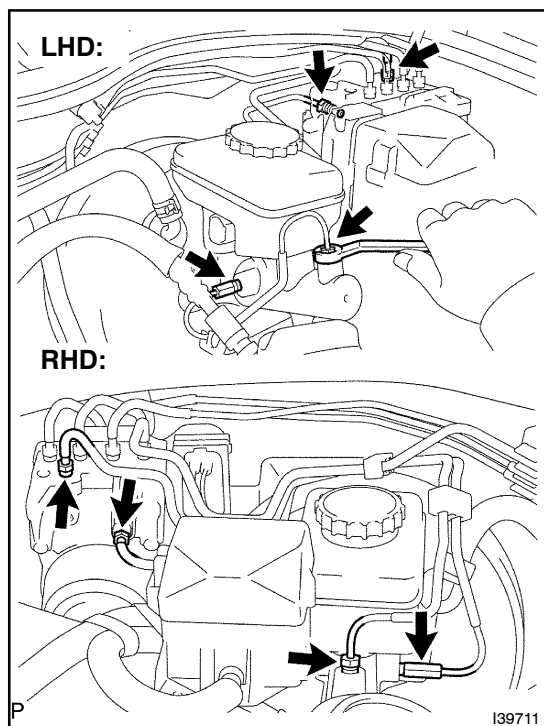
NOTICE:

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

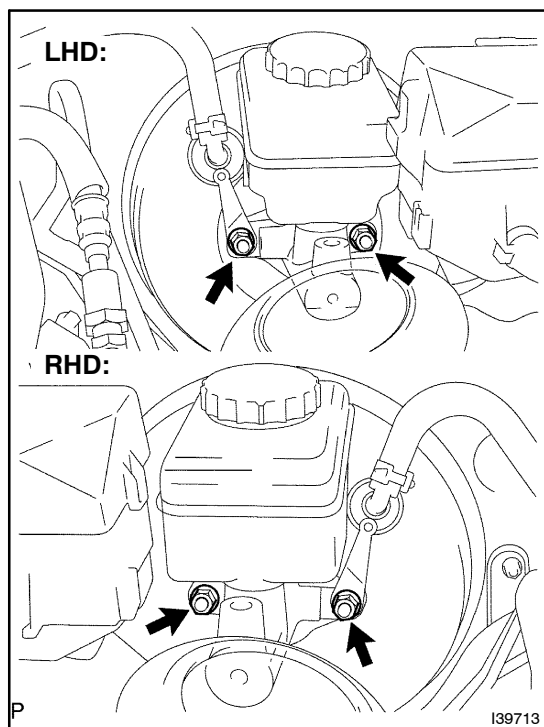


4. REMOVE BRAKE MASTER CYLINDER SUB-ASSY

- (a) LHD:
Remove the clamp from the 2 brake tubes.
- (b) RHD:
Remove the 2 clamps from the 2 brake tubes.

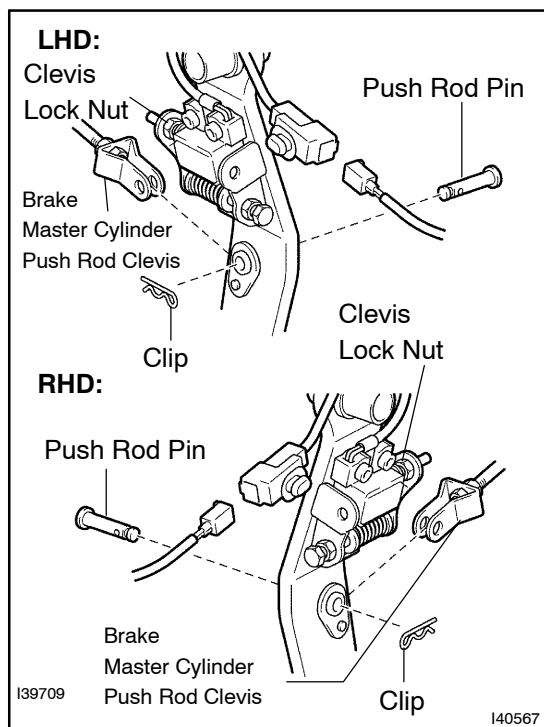


- (c) Using SST, remove the 2 brake tubes from the master cylinder and ABS & TRACTION actuator assy.
SST 09751-36011



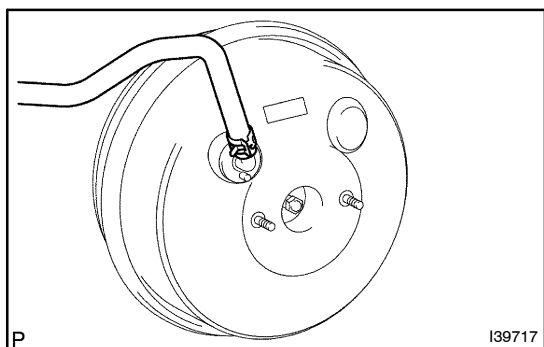
- (d) Disconnect the brake fluid level warning switch connector from the brake master cylinder reservoir.
- (e) Remove the 2 nuts, vacuum check valve bracket and brake master cylinder sub-assy.

5. REMOVE INSTRUMENT CLUSTER FINISH PANEL END
6. REMOVE INSTRUMENT CLUSTER FINISH PANEL CENTER LOWER
7. REMOVE INSTRUMENT PANEL UNDER COVER SUB-ASSY NO.1 (SEE PAGE 71-6)
8. REMOVE COIN BOX ASSY
9. REMOVE OUTER MIRROR SWITCH ASSY
10. REMOVE INSTRUMENT PANEL SAFETY PAD SUB-ASSY NO.1 (SEE PAGE 71-6)
11. REMOVE INSTRUMENT PANEL UNDER COVER SUB-ASSY NO.2
 - (a) Remove the 2 bolts and hood lock release lever.
 - (b) Remove the instrument panel under cover sub-assy No.2.
12. REMOVE BRAKE PEDAL RETURN SPRING
 - (a) Remove the brake pedal return spring.



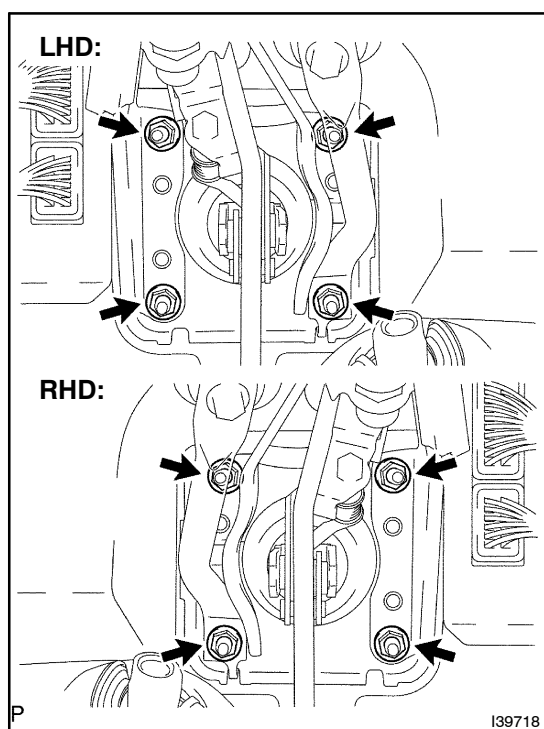
13. REMOVE BRAKE MASTER CYLINDER PUSH ROD CLEVIS

- Remove the clip and the push rod pin.
- Loosen the clevis lock nut and remove the brake master cylinder push rod clevis.
- Remove the clevis lock nut.



14. REMOVE BRAKE BOOSTER ASSY

- Slide the clip upward and disconnect the vacuum hose from the vacuum check valve assy.

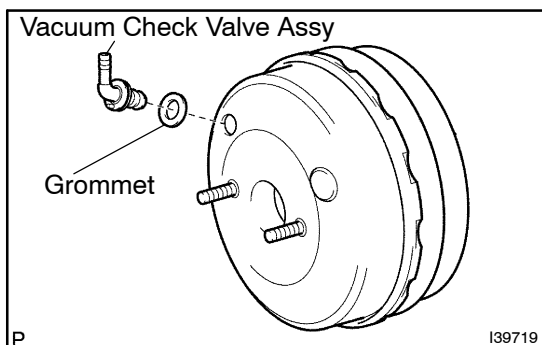


- Remove the 4 nuts and pull out the brake booster assy.

NOTICE:

Be careful not to damage the brake tubes.

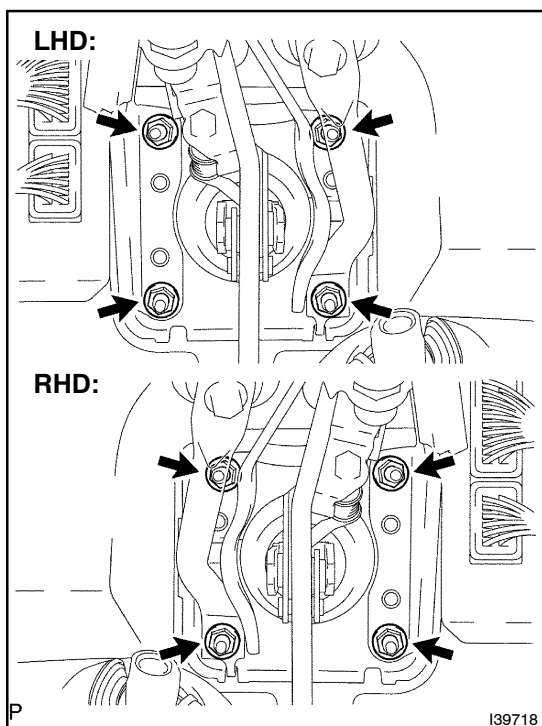
- Remove the brake booster gasket.

**15. REMOVE BRAKE VACUUM CHECK VALVE ASSY**

- (a) Remove the vacuum check valve assy and the grommet from the brake booster assy.

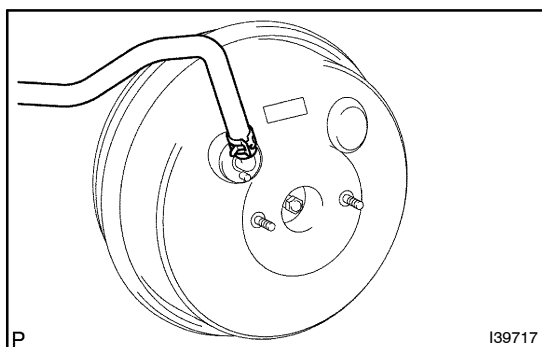
16. INSTALL BRAKE VACUUM CHECK VALVE ASSY

- (a) Install the grommet and the vacuum check valve assy to the brake booster assy.

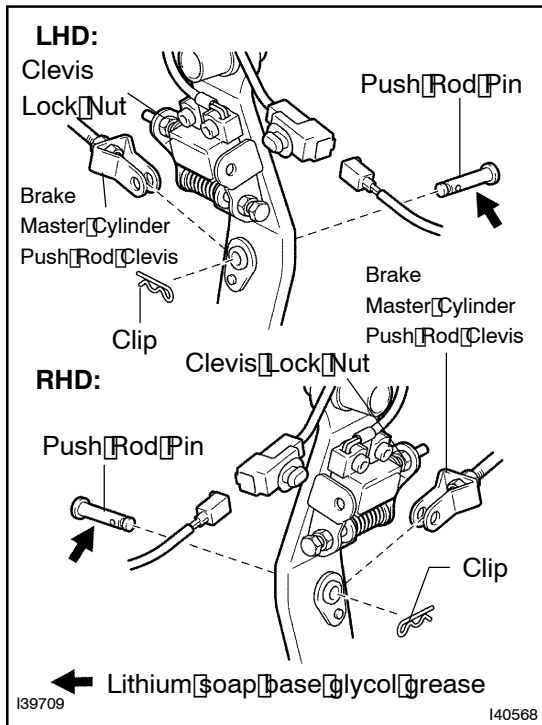
**17. INSTALL BRAKE BOOSTER ASSY**

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

Torque: 13 N·m (130 kgf·cm, 9 ft·lbf)



- (c) Connect the vacuum hose assy to the vacuum check valve assy and set the clip.



18. INSTALL BRAKE MASTER CYLINDER PUSH ROD CLEVIS

- (a) Install the clevis lock nut and the brake master cylinder push rod clevis.

HINT:

After adjusting the brake pedal height, torque the clevis lock nut.

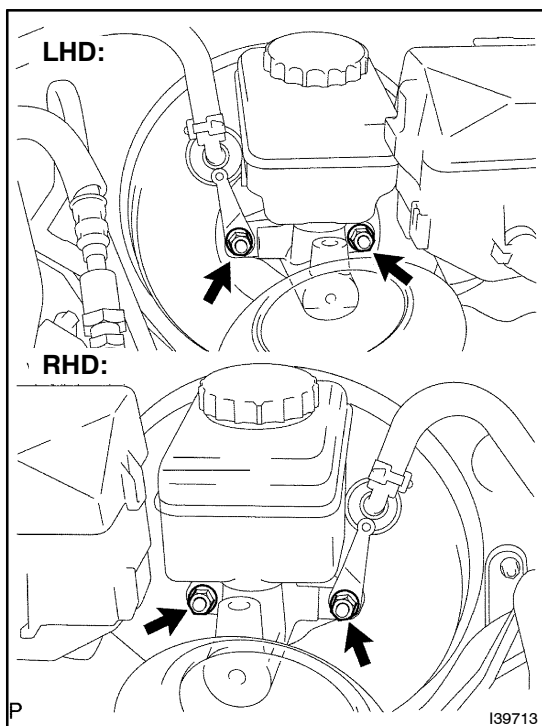
- (b) Apply lithium soap base glycol grease to the push rod pin.
(c) Install the push rod pin and clip.

19. INSTALL BRAKE PEDAL RETURN SPRING

- (a) Install the brake pedal return spring.

20. INSPECT AND ADJUST BRAKE BOOSTER PUSH ROD (SEE PAGE 32-22)

SST 09737-00013

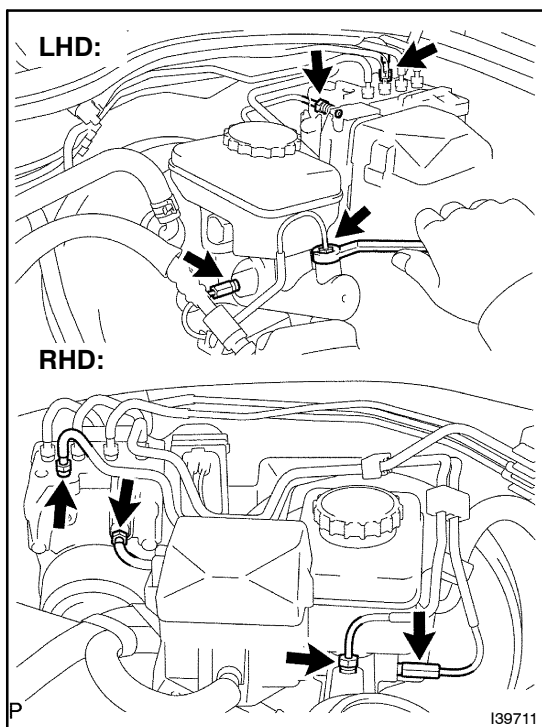


21. INSTALL BRAKE MASTER CYLINDER SUB-ASSY

- (a) Install the brake master cylinder sub-assy and vacuum check valve bracket with 2 nuts.

Torque: 13 N·m (130 kgf·cm, 9 ft·lbf)

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



- (c) Using SST, install the brake tubes to the brake master cylinder sub-assy and ABS & TRACTION actuator assy.
SST 09751-36011

Torque: 15 N·m (155 kgf·cm, 11 ft·lbf)

- (d) LHD:
Install the clamp.
- (e) RHD:
Install the 2 clamps.

22. FILL RESERVOIR WITH BRAKE FLUID (SEE PAGE 32-4)
23. BLEED MASTER CYLINDER (SEE PAGE 32-4)
24. BLEED BRAKE LINE (SEE PAGE 32-4)
25. CHECK FLUID LEVEL IN RESERVOIR (SEE PAGE 32-4)
26. CHECK FOR BRAKE FLUID LEAKAGE
27. CHECK AND ADJUST BRAKE PEDAL HEIGHT (SEE PAGE 32-10)
28. CHECK PEDAL FREE PLAY (SEE PAGE 32-10)
29. CHECK PEDAL RESERVE DISTANCE (SEE PAGE 32-10)
30. INSTALL INSTRUMENT PANEL UNDER COVER SUB-ASSY NO.2
31. INSTALL INSTRUMENT PANEL SAFETY PAD SUB-ASSY NO.1
 - (a) Install the instrument panel under cover sub-assy No.1.
 - (b) Install the 2 bolts and hood lock release lever.
32. INSTALL OUTER MIRROR SWITCH ASSY
33. INSTALL COIN BOX ASSY
34. INSTALL INSTRUMENT PANEL UNDER COVER SUB-ASSY NO.1
35. INSTALL INSTRUMENT CLUSTER FINISH PANEL END
36. INSTALL INSTRUMENT CLUSTER FINISH PANEL CENTER LOWER
37. INSTALL ENGINE ROOM NO.3 R/B
 - (a) Install the engine room No.3 R/B with the bolt.
38. INSTALL ENGINE ROOM SIDE COVER