

## REPLACEMENT

### 1. DRAIN BRAKE FLUID

#### NOTICE:

Wash off the brake fluid immediately if it comes into contact with a painted surface.

### 2. REMOVE AIR CLEANER ASSY (LHD STEERING POSITION TYPE)

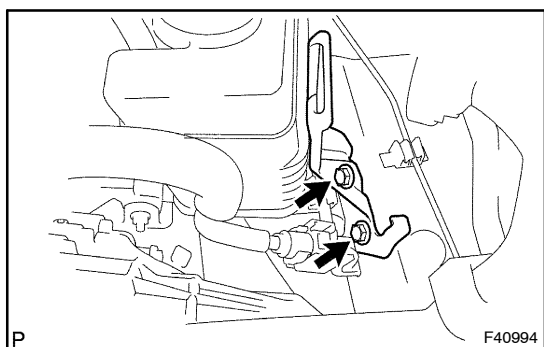
### 3. REMOVE ENGINE COVER SUB-ASSY NO.1 (RHD STEERING POSITION TYPE, 2AZ-FE ENGINE TYPE, 1AZ-FE ENGINE TYPE)

(a) Remove the 4 nuts and engine cover No.1.

### 4. REMOVE BRAKE MASTER CYLINDER SUB-ASSY

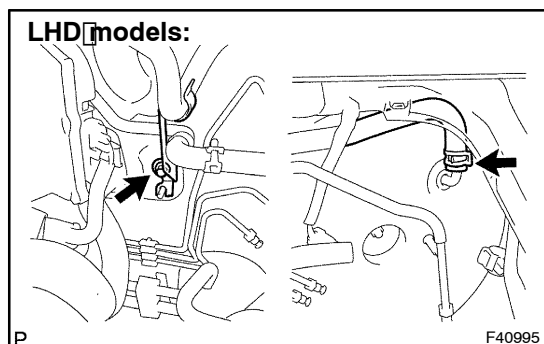
(See page 32-11)

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### 5. SEPARATE CHARCOAL CANISTER ASSY (LHD STEERING POSITION TYPE, 1MZ-FE ENGINE TYPE)

(a) Remove the 2 bolts and separate the charcoal canister from the body.

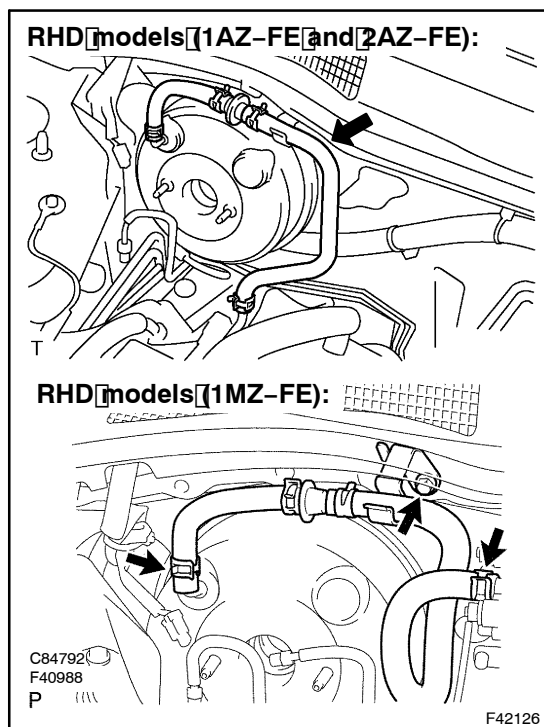


LHD models:

### 6. DISCONNECT VACUUM HOSE ASSY

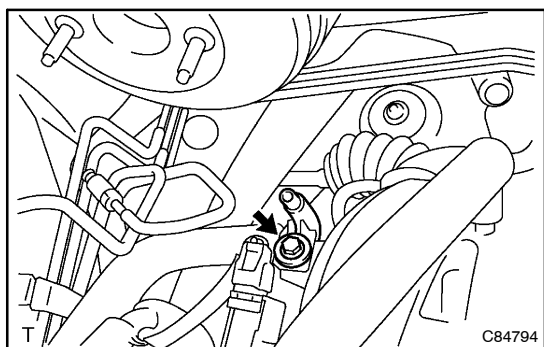
(a) LHD models:

- (1) Remove the bolt and separate the vacuum hose from the vacuum hose bracket.
- (2) Slide the clip and disconnect the vacuum hose from the brake booster.



(b) RHD models:

- (1) Slide the 2 clips and disconnect the vacuum hose from the brake booster.
- (2) Remove the bolt and vacuum check valve bracket.



#### 7. REMOVE BOOSTER VACUUM TUBE (RHD STEERING POSITION TYPE, 2AZ-FE ENGINE TYPE, 1AZ-FE ENGINE TYPE)

- (a) Remove the bolt and booster vacuum tube from engine.
- (b) Slide the clip and disconnect the tube from booster vacuum tube.

#### 8. REMOVE FRONT DOOR SCUFF PLATE LH

(See page 71-10)

#### 9. REMOVE COWL SIDE TRIM SUB-ASSY LH

(See page 71-10)

#### 10. REMOVE INSTRUMENT PANEL SUB-ASSY UPPER

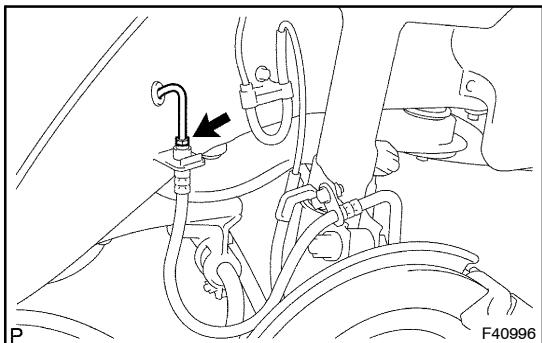
(See page 71-10)

#### 11. REMOVE PUSH ROD PIN

- (a) Remove the clip and push rod pin.

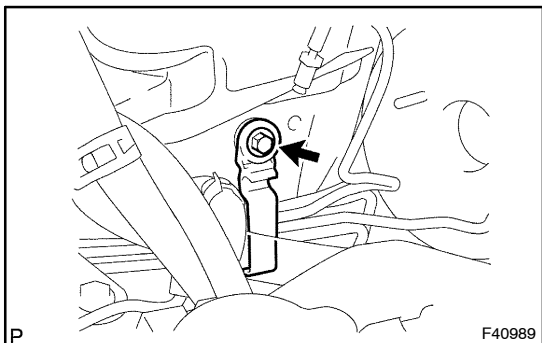
#### 12. REMOVE BRAKE MASTER CYLINDER PUSH ROD CLEVIS

- (a) Loosen the lock nut and remove the push rod clevis.



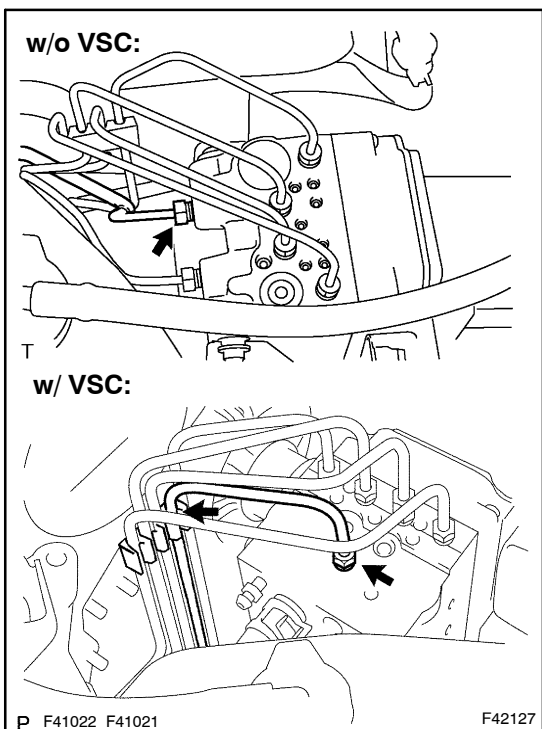
### 13. REMOVE FRONT BRAKE TUBE NO.5(LHD STEERING POSITION TYPE, 1MZ-FE ENGINE TYPE)

- (a) Using SST and remove the front brake tube No.5.  
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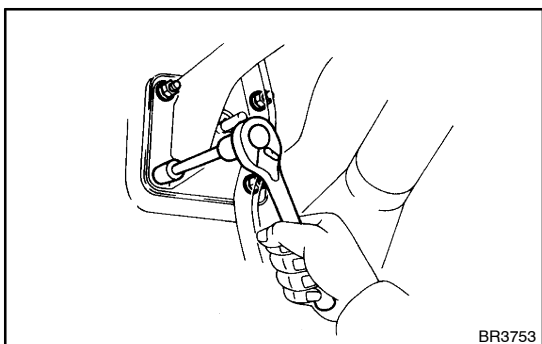


### 14. REMOVE BRAKE BOOSTER ASSY

- (a) RHD models (1MZ-FE):  
(1) Remove the bolt and separate the brake tube No.3.



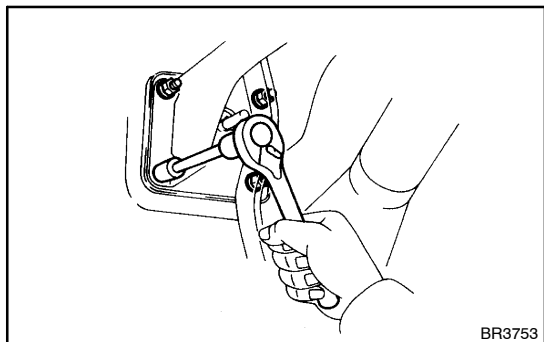
- (2) Disconnect the brake tube No.2 from brake actuator.  
(3) Disconnect the brake tube No.2 from grommet.  
(4) Disconnect the brake tube No.1 and No.2 from brake tube clamp No.1.



- (b) Remove the 4 nuts and clevis.  
(c) Pull out the brake booster assy.

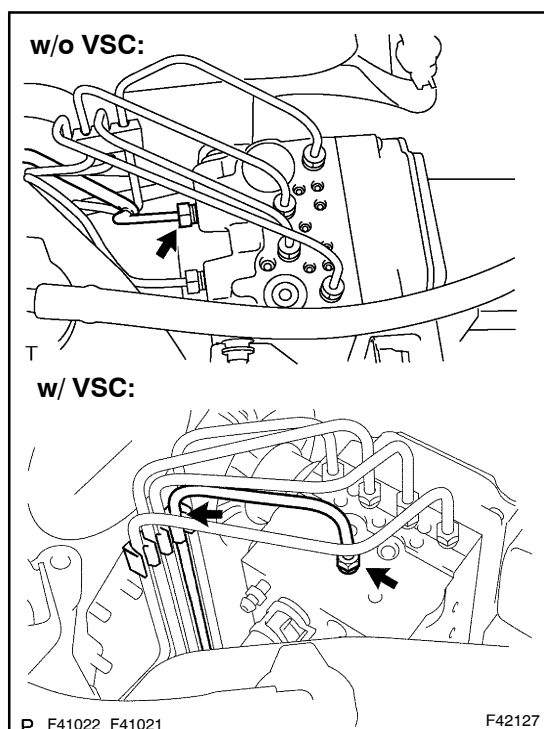
**15. REMOVE BRAKE BOOSTER GASKET****16. INSTALL BRAKE BOOSTER GASKET**

- (a) Install a new brake booster gasket to the brake booster.

**17. INSTALL BRAKE BOOSTER ASSY**

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

**Torque: 13 N·m (130 kgf·cm, 9 ft·lbf)**

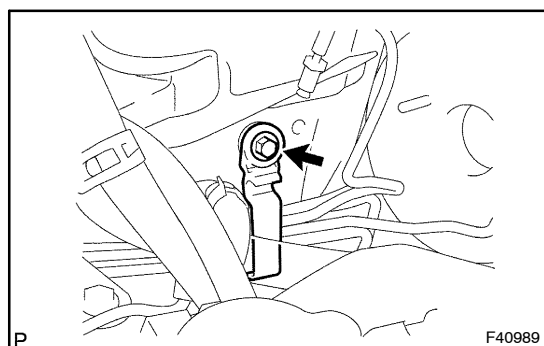


- (b) RHD (1MZ-FE):

- (1) Install the brake tube No.1 and No.2 to the brake actuator.

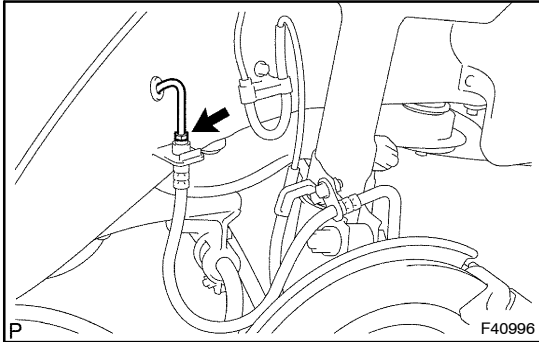
**Torque: 15 N·m (155 kgf·cm, 11 ft·lbf)**

- (2) Connect the brake tube No.2 to the grommet.  
 (3) Connect the brake tube No.1 and No.2 to the brake tube clamp No.1.



- (4) Install the brake tube clamp No.3 with the bolt to the body.

**Torque: 7.8 N·m (80 kgf·cm, 69 in·lbf)**



## 18. INSTALL FRONT BRAKE TUBE NO. 5 (LHD STEERING POSITION TYPE, 1MZ-FE ENGINE TYPE)

- (a) Using SST and install the front brake tube No. 5.

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

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## 19. INSTALL BRAKE MASTER CYLINDER PUSH ROD CLEVIS

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

## 20. INSTALL PUSH ROD PIN

- (a) Install the push rod pin and clip.

**HINT:**

Apply the lithium soap base glycol grease to the part indicated by arrow (See page 32-8).

## 21. INSTALL INSTRUMENT PANEL SUB-ASSY UPPER

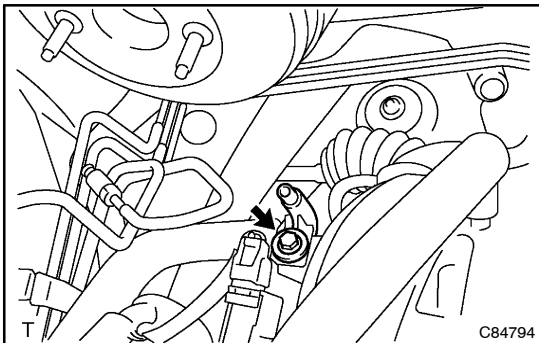
(See page 71-10)

## 22. INSTALL COWL SIDE TRIM SUB-ASSY LH

(See page 71-10)

## 23. INSTALL FRONT DOOR SCUFF PLATE LH

(See page 71-10)

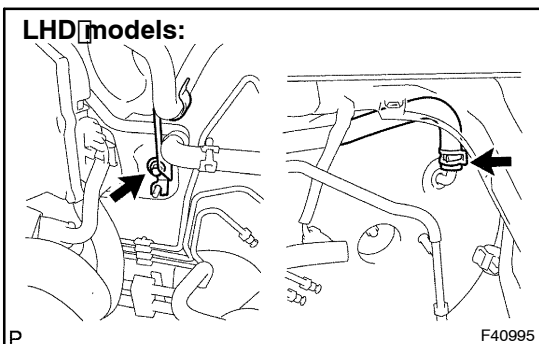


## 24. INSTALL BOOSTER VACUUM TUBE (RHD STEERING POSITION TYPE, 2AZ-FE ENGINE TYPE, 1AZ-FE ENGINE TYPE)

- (a) Install the tube to the vacuum tube with a clip.

- (b) Install the booster vacuum tube with the bolt.

**Torque: 5.4 N·m (55 kgf·cm, 48 in·lbf)**



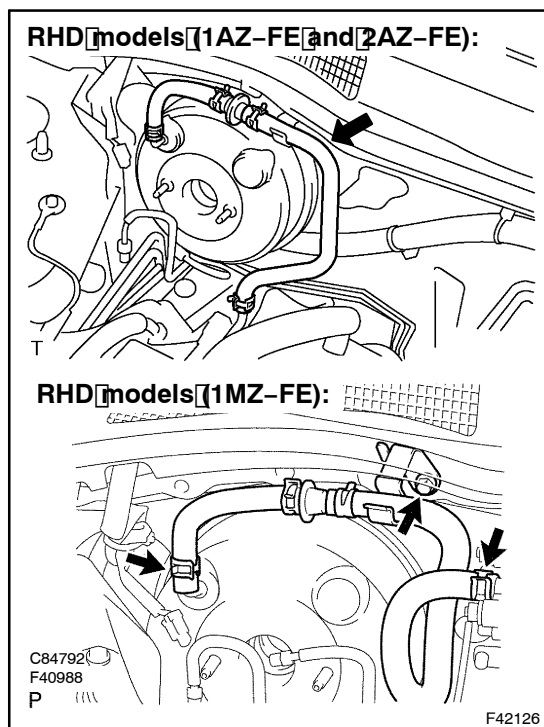
## 25. INSTALL VACUUM HOSE ASSY

- (a) LHD models:

- (1) Install the vacuum hose and vacuum hose bracket to the body with a bolt.

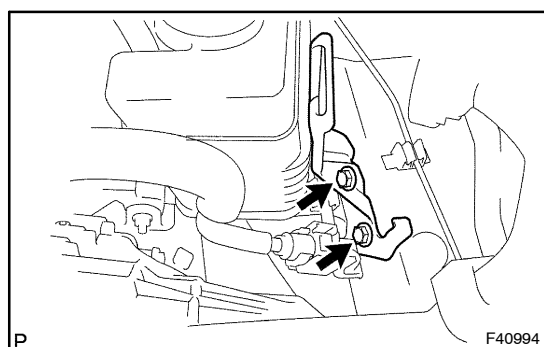
**Torque: 5.4 N·m (55 kgf·cm, 48 in·lbf)**

- (2) Connect the vacuum hose to the brake booster with the clip.



(b) RHD models:

- (1) Install the vacuum check valve bracket with a bolt.  
**Torque: 5.4 N·m (55 kgf·cm, 48 in. lbf)**
- (2) Install the vacuum hose to the brake booster with the 2 clips.



## 26. CONNECT CHARCOAL CANISTER ASSY (RHD STEERING POSITION TYPE, 1MZ-FE ENGINE TYPE)

- (a) Install the charcoal canister with the 2 bolts.  
**Torque: 43 N·m (440 kgf·cm, 32 in. lbf)**

## 27. INSTALL BRAKE MASTER CYLINDER SUB-ASSY

(See page 32-11)

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## 28. INSTALL AIR CLEANER ASSY (LHD STEERING POSITION TYPE)

## 29. INSTALL ENGINE COVER SUB-ASSY NO.1 (RHD STEERING POSITION TYPE, 2AZ-FE ENGINE TYPE, 1AZ-FE ENGINE TYPE)

- (a) Install the engine cover No.1 with the 4 nuts.  
**Torque: 7.0 N·m (71 kgf·cm, 61 in. lbf)**

## 30. FILL RESERVOIR WITH BRAKE FLUID

## 31. BLEED MASTER CYLINDER (See page 32-4)

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

## 33. CHECK FLUID LEVEL IN RESERVOIR

## 34. CHECK BRAKE FLUID LEAKAGE

## 35. CHECK AND ADJUST BRAKE PEDAL HEIGHT (See page 32-6)