

REPLACEMENT

HINT:

- BRAKE BOOSTER ASSY (LHD) COMPONENTS (See page 32-21)
- FRONT SUSPENSION COMPONENTS (See page 26-2)
- PARTIAL ENGINE ASSY (1AZ-FE) COMPONENTS (See page 14-13)
- PARTIAL ENGINE ASSY (1CD-FTV) COMPONENTS (See page 14-82)

1. DRAIN BRAKE FLUID

NOTICE:

Do not let brake fluid remain on a painted surface. Wash it off immediately.

2. REMOVE FRONT WIPER ARM HEAD CAP

(See page 66-9)

3. REMOVE FR WIPER ARM LH

(See page 66-9)

4. REMOVE FR WIPER ARM RH

(See page 66-9)

5. REMOVE COWL TOP VENTILATOR LOUVER SUB-ASSY

(See page 66-9)

6. REMOVE WIPER LINK ASSY

(See page 66-9)

7. REMOVE COWL TOP PANEL SUB-ASSY OUTER

(See page 26-7)

8. REMOVE AIR CLEANER ASSY

(a) 1AZ-FE ENGINE TYPE (See page 14-20)

(b) 1CD-FTV ENGINE TYPE (See page 14-91)

9. REMOVE CHARCOAL CANISTER ASSY (1AZ-FE ENGINE TYPE)

(a) Remove the 2 clips and disconnect the 2 hoses from the charcoal canister assy.

(b) Remove the 2 bolts and charcoal canister assy.

10. REMOVE BRAKE MASTER CYLINDER SUB-ASSY

(See page 32-11)

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11. SEPARATE BRAKE MASTER CYLINDER PUSH ROD CLEVIS

(a) Remove the clip and push rod clevis pin, and separate push rod clevis from the brake pedal.

12. REMOVE BRAKE BOOSTER ASSY

(a) Disconnect the vacuum warning switch connector. (1CD-FTV ENGINE TYPE)

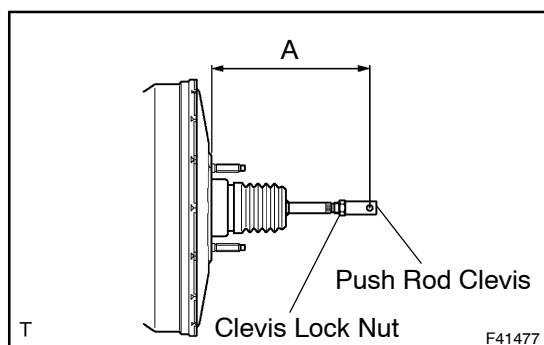
(b) Remove the clip and disconnect the vacuum hose.

(c) Remove the push rod clevis and lock nut from the brake booster assy.

(d) Remove the 4 nuts, brake booster assy and gasket.

13. INSTALL BRAKE BOOSTER ASSY

- (a) Install the clevis lock nut and push rod clevis to the brake booster assy.



- (b) Turn the push rod clevis and adjust the length "A" in the illustration.
Length "A": 167.9 – 168.9 mm (6.610 – 6.650 in.)
- (c) Tighten the clevis lock nut.
Torque: 26.0 N·m (265 kgf·cm, 19.2 ft·lbf)
- (d) Install a new gasket and brake booster assy with the 4 nuts.
Torque: 12.7 N·m (130 kgf·cm, 9.4 ft·lbf)
- (e) Connect the vacuum hose with the clip.
- (f) Connect the vacuum warning switch connector. (1CD-FTV ENGINE TYPE)

14. CONNECT BRAKE MASTER CYLINDER PUSH ROD CLEVIS

- (a) Apply the lithium soap base glycol grease on the push rod clevis pin.
- (b) Connect push rod clevis and brake pedal with the push rod clevis pin and clip.

15. INSTALL BRAKE MASTER CYLINDER SUB-ASSY

(See [page 32-11](#))

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16. INSTALL CHARCOAL CANISTER ASSY(1AZ-FE ENGINE TYPE)

- (a) Install the charcoal canister assy with the 2 bolts
Torque: 7 N·m (71 kgf·cm, 62 in·lbf)
- (b) Connect the 2 hoses with the 2 clips to the charcoal canister assy.

17. INSTALL AIR CLEANER ASSY

(a) 1AZ-FE ENGINE TYPE (See [page 14-20](#))

(b) 1CD-FTV ENGINE TYPE (See [page 14-91](#))

18. INSTALL COWL TOP PANEL SUB-ASSY OUTER

(See [page 26-7](#))

19. INSTALL WIPER LINK ASSY

(See [page 66-9](#))

20. INSTALL COWL TOP VENTILATOR LOUVER SUB-ASSY

(See [page 66-9](#))

21. INSTALL FR WIPER ARM LH

(See [page 66-9](#))

22. INSTALL FR WIPER ARM RH

(See [page 66-9](#))

23. INSTALL FRONT WIPER ARM HEAD CAP

(See [page 66-9](#))

24. FILL RESERVOIR WITH BRAKE FLUID (See [page 32-4](#))**25. BLEED MASTER CYLINDER (See [page 32-4](#))**

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26. BLEED BRAKE LINE (See [page 32-4](#))**27. CHECK FLUID LEVEL IN RESERVOIR (See [page 32-4](#))****28. CHECK BRAKE FLUID LEAKAGE**

- 29. ☐ CHECK AND ADJUST BRAKE PEDAL HEIGHT (See page 32-5)
- 30. ☐ CHECK PEDAL FREE PLAY (See page 32-5)
- 31. ☐ CHECK PEDAL RESERVE DISTANCE (See page 32-5)