320QH–01

REPLACEMENT

1. DRAIN BRAKE FLUID

NOTICE:

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

2. REMOVE AIR CLEANER ASSY (RHD STEERING POSITION TYPE) (See page 32–83)

3. REMOVE BRAKE ACTUATOR WITH BRACKET (RHD STEERING POSITION TYPE) (See page 32–83)

4. REMOVE BRAKE MASTER CYLINDER SUB–ASSY (See page 32–19)

5. SEPARATE MASTER CYLINDER PUSH ROD CLEVIS

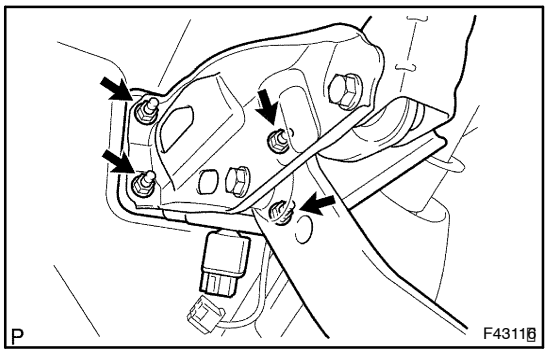
(a) Remove the clip and clevis pin from the master cylinder push rod clevis.

6. REMOVE BRAKE BOOSTER ASSY

(a) Slide the clip, and disconnect the vacuum hose from the brake booster assy.

(b) 1KD–FTV/1KZ–TE engine:
Disconnect the vacuum warning switch connector from the vacuum warning switch.

(c) RHD, w/ABS:
Disconnect the brake lines from the 2 clamps.

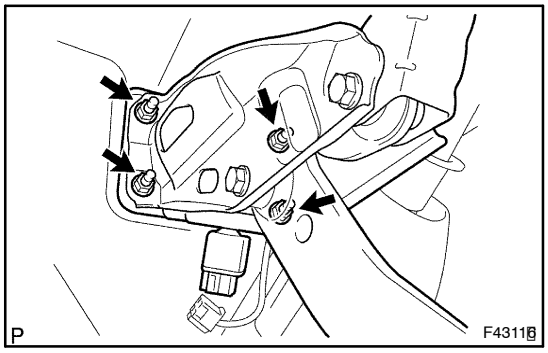


(d) Remove the 4 nuts, and pull out the brake booster assy.

(e) Remove the gasket from the brake booster assy.

7. INSTALL BRAKE BOOSTER ASSY

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



(b) Install the brake booster assy with 4 nuts.
Torque: 14.2 N·m (145 kgf·cm, 10 ft·lbf)

(c) RHD, w/ABS:
Connect the brake lines from the 2 clamps.

(d) 1KD–FTV/1KZ–TE engine:
Connect the vacuum warning switch connector to the vacuum warning switch.

(e) Connect the vacuum hose with clip to the brake booster assy.

8. CONNECT MASTER CYLINDER PUSH ROD CLEVIS

(a) Apply the lithium soap base glycol grease to the clevis pin.

(b) Install the clevis pin and clip to the master cylinder push rod clevis.

9. INSTALL BRAKE MASTER CYLINDER SUB–ASSY (See page 32–19)

10. INSTALL BRAKE ACTUATOR WITH BRACKET (RHD STEERING POSITION TYPE) (See page 32–83)
11. INSTALL AIR CLEANER ASSY (RHD STEERING POSITION TYPE) (See page 32–83)
12. BLEED BRAKE LINE (See page 32–4)
13. CHECK FLUID LEVEL IN RESERVOIR
14. CHECK BRAKE FLUID LEAKAGE
15. INSPECT BRAKE PEDAL HEIGHT (See page 32–10)
16. CHECK PEDAL FREE PLAY (See page 32–10)
17. CHECK PEDAL RESERVE DISTANCE (See page 32–10)