3215Y–01

REPLACEMENT

1. REMOVE FRONT SUSPENSION BRACE SUB–ASSY UPPER CENTER (SEE PAGE 32–14)

2. DRAIN BRAKE FLUID

NOTICE:

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

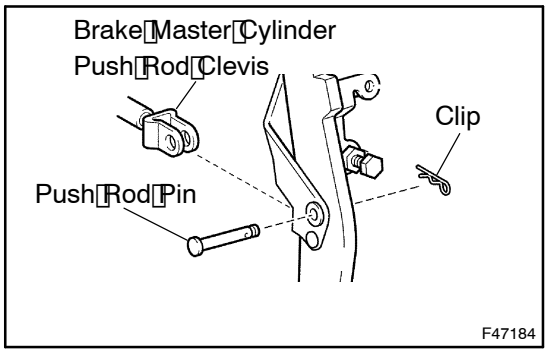
3. REMOVE BRAKE MASTER W/PLATE CYLINDER SUB–ASSY (SEE PAGE 32–14)

SST 09023–00100

4. REMOVE INSTRUMENT PANEL FINISH PANEL SUB–ASSY LOWER (SEE PAGE 71–9)

5. REMOVE BRAKE PEDAL RETURN SPRING

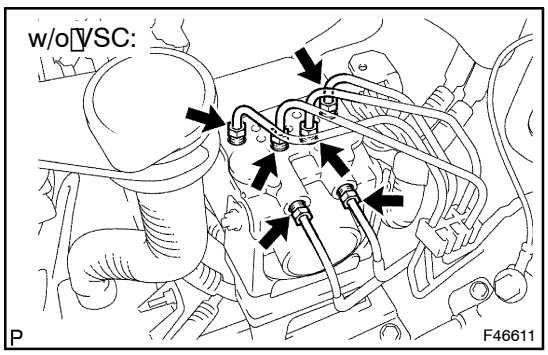
(a) Remove the brake pedal return spring.



6. REMOVE BRAKE MASTER CYLINDER PUSH ROD CLEVIS

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

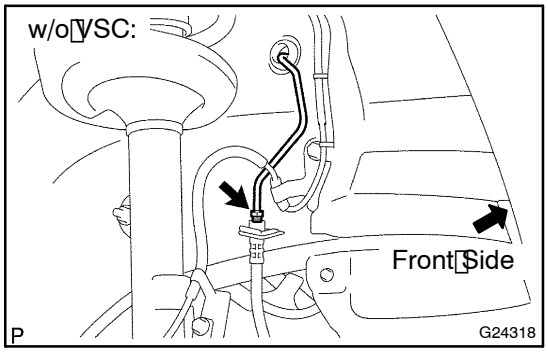
(b) Loosen the push rod lock nut and remove the brake master cylinder push rod clevis.



7. SEPARATE BRAKE TUBE (W/O VSC)

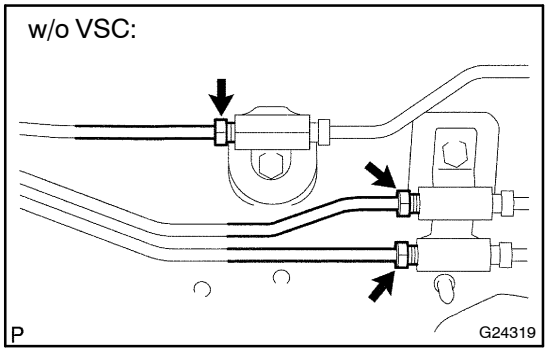
(a) Using SST, remove the 6 brake tubes.

SST 09023–00100

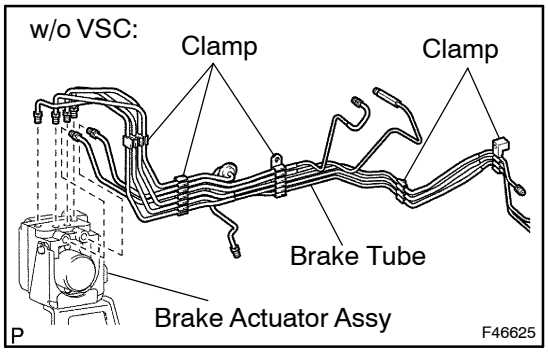


(b) Using SST, remove the front brake tube No.8.

SST 09023–00100

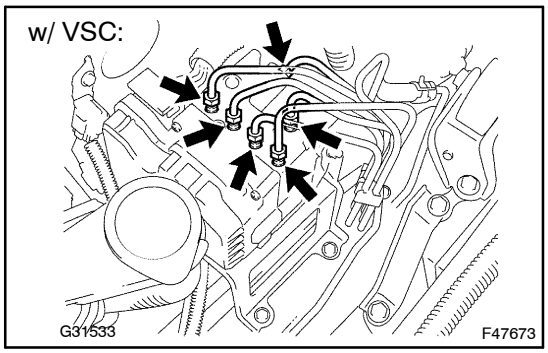


(c) Using SST, remove the 3 brake tubes.
SST 09023–00100



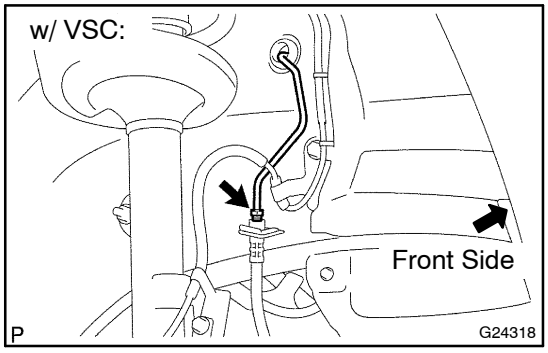
(d) Release the 5 clamps of the brake tubes from the body, then remove them.

NOTICE:
Be careful not to damage the brake tubes.

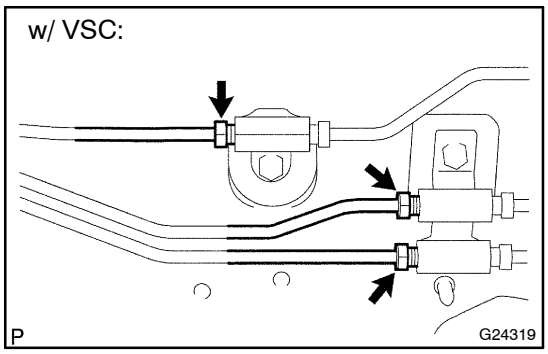


8. SEPARATE BRAKE TUBE (W/ VSC)

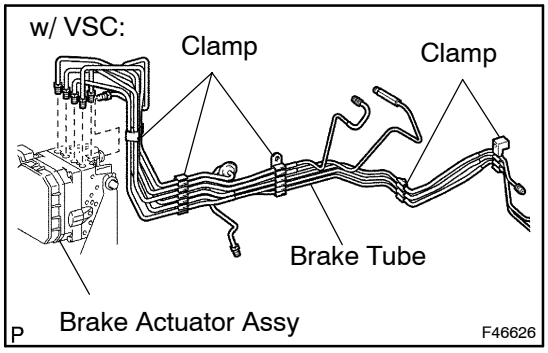
(a) Using SST, remove the 6 brake tubes.
SST 09023–00100



(b) Using SST, remove the front brake tube No.8.
SST 09023–00100



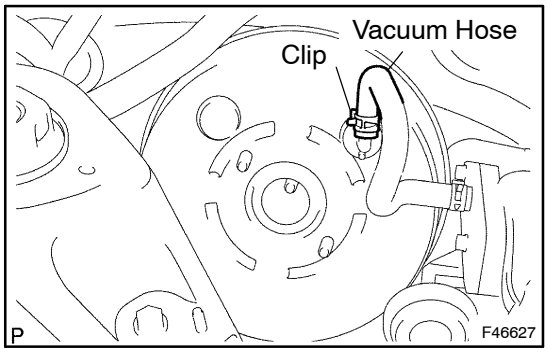
(c) Using SST, remove the 3 brake tubes.
SST 09023–00100



(d) Release the 5 clamps of the brake tubes from the body, then remove them.

NOTICE:

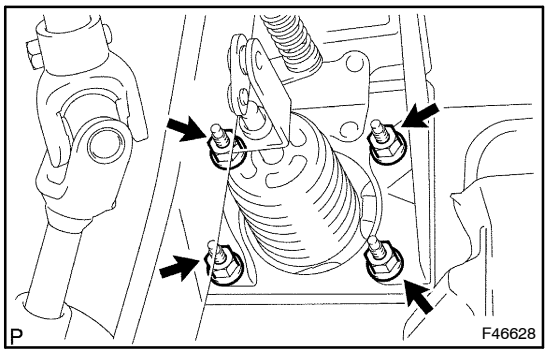
Be careful not to damage the brake tubes.



9. REMOVE BRAKE BOOSTER ASSY

(a) Slide the clip and disconnect the vacuum hose from the check valve assy.

(b) Remove the engine wire protector.



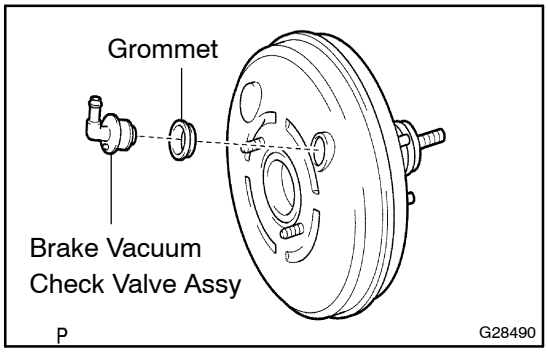
(c) Remove the 4 nuts and pull out the brake booster assy.

NOTICE:

Be careful not to damage the brake tubes and the wire harness.

10. REMOVE BRAKE BOOSTER GASKET

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



11. REMOVE BRAKE VACUUM CHECK VALVE ASSY

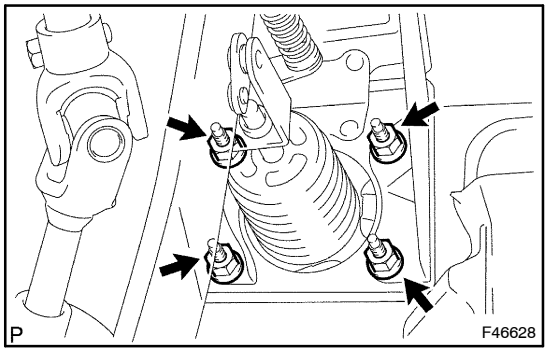
(a) Remove the brake vacuum check valve assy and the grommet from the brake booster assy.

12. INSTALL BRAKE VACUUM CHECK VALVE ASSY

(a) Install the grommet and the bake vacuum check valve assy.

13. INSTALL BRAKE BOOSTER GASKET

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

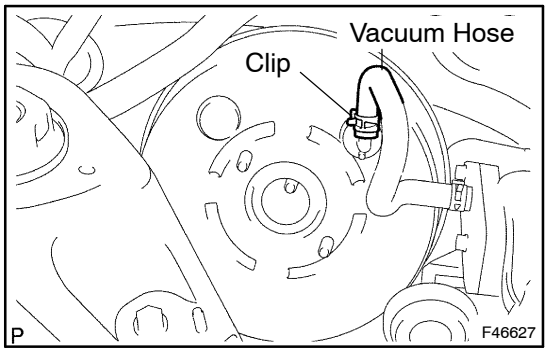


14. INSTALL BRAKE BOOSTER ASSY

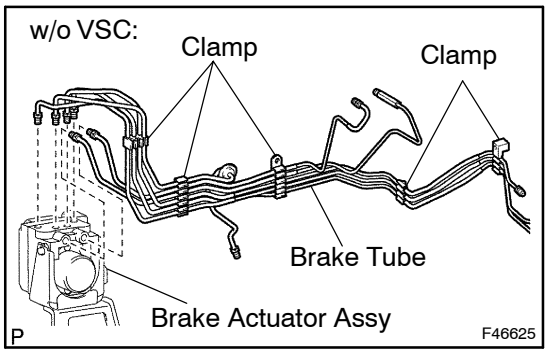
(a) Install the brake booster assy with the 4 nuts.
Torque: 13 N·m (130 kgf·cm, 9 ft·lbf)

NOTICE:
Be careful not to damage the brake tubes and the wire harness.

(b) Install the engine wire protector.



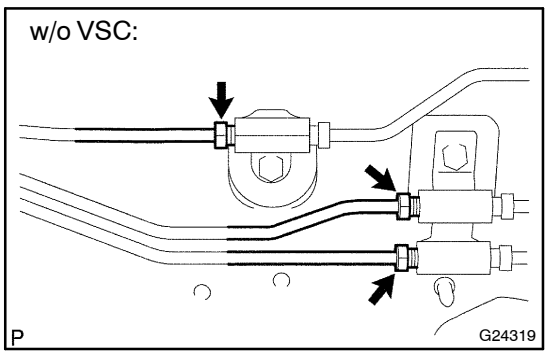
(c) Connect the vacuum hose to the brake booster assy and slide the clip.



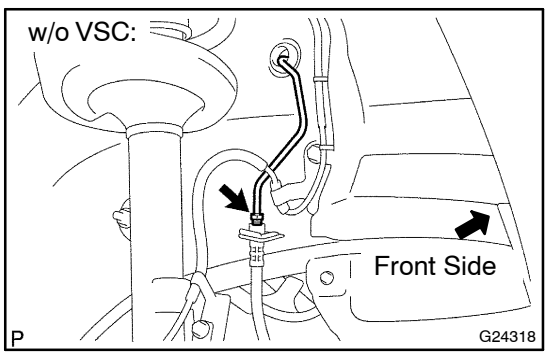
15. INSTALL BRAKE TUBE (W/O VSC)

(a) Install the 5 clamps of the brake tubes to the body.

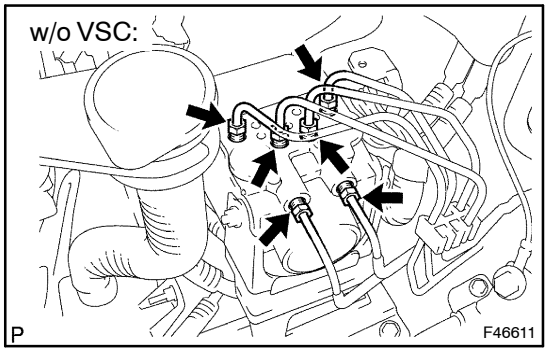
NOTICE:
Be careful not to damage the brake tubes.



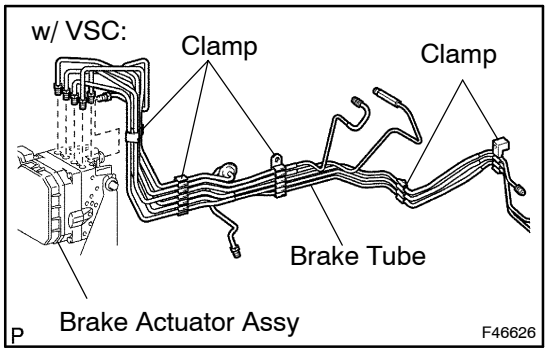
(b) Using SST, install the 3 brake tubes to the ways.
SST 09023–00100
Torque: 15 N·m (155 kgf·cm, 11 ft·lbf)



(c) Using SST, install the front brake tube No.8 to the flexible hose.
SST 09023–00100
Torque: 15 N·m (155 kgf·cm, 11 ft·lbf)



(d) Using SST, install the 6 brake tubes to the actuator assy.
SST 09023–00100
Torque: 15 N·m (155 kgf·cm, 11 ft·lbf)

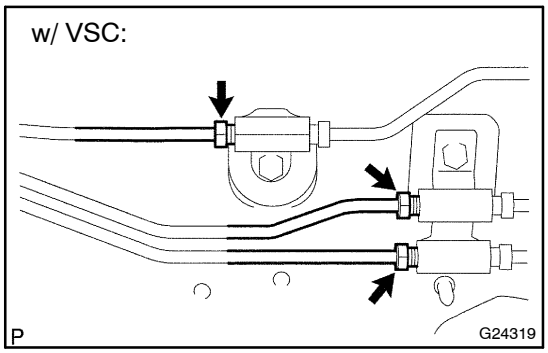


16. INSTALL BRAKE TUBE (W/ VSC)

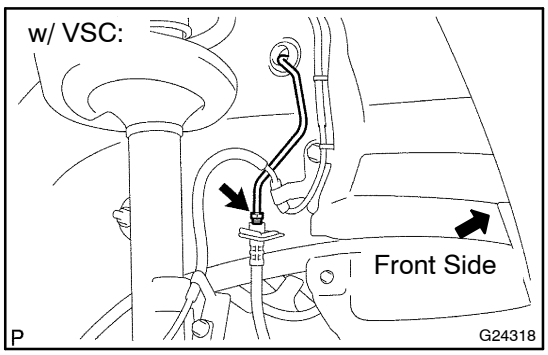
(a) Install the 5 clamps of the brake tubes to the body.

NOTICE:

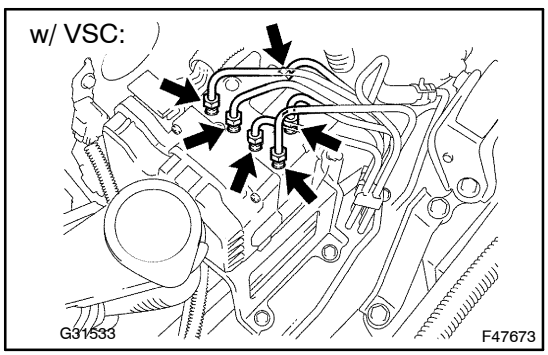
Be careful not to damage the brake tubes.



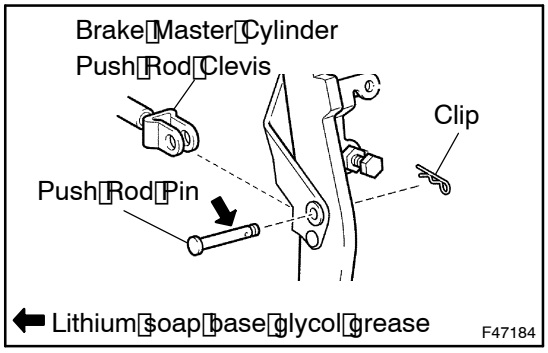
(b) Using SST, install the 3 brake tubes to the ways.
SST 09023–00100
Torque: 15 N·m (155 kgf·cm, 11 ft·lbf)



(c) Using SST, install the front brake tube No.8 to the flexible hose.
SST 09023–00100
Torque: 15 N·m (155 kgf·cm, 11 ft·lbf)



(d) Using SST, install the 6 brake tubes to the actuator assy.
SST 09023–00100
Torque: 15 N·m (155 kgf·cm, 11 ft·lbf)



17. INSTALL BRAKE MASTER CYLINDER PUSH ROD CLEVIS

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

HINT:

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

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

(c) Install the push rod pin and the clip.

18. INSTALL BRAKE PEDAL RETURN SPRING

(a) Install the brake pedal return spring.

19. INSPECT AND ADJUST BRAKE BOOSTER PUSH ROD (SEE PAGE 32–14)

SST 09737–00020

20. INSTALL BRAKE MASTER W/PLATE CYLINDER SUB–ASSY (SEE PAGE 32–14)

SST 09023–00100

21. FILL RESERVOIR WITH BRAKE FLUID (SEE PAGE 32–4)

22. BLEED MASTER CYLINDER (SEE PAGE 32–4)

SST 09023–00100

23. BLEED BRAKE LINE (SEE PAGE 32–4)

24. BLEED BRAKE ACTUATOR ASSY (W/ VSC) (SEE PAGE 32–4)

25. CHECK BRAKE FLUID LEAKAGE

26. CHECK FLUID LEVEL IN RESERVOIR (SEE PAGE 32–4)

27. CHECK AND ADJUST BRAKE PEDAL HEIGHT (SEE PAGE 32–8)

28. INSTALL INSTRUMENT PANEL FINISH PANEL SUB–ASSY LOWER (SEE PAGE 71–9)

29. INSTALL FRONT SUSPENSION BRACE SUB–ASSY UPPER CENTER (SEE PAGE 32–14)