320QC–01

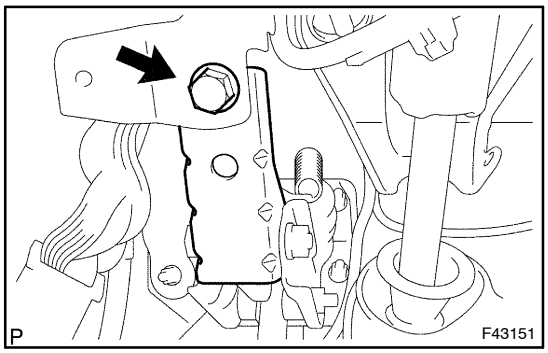
OVERHAUL

1. REMOVE FRONT DOOR SCUFF PLATE LH (W/ VSC) (See page 71–13)
2. REMOVE FRONT FLOOR FOOTREST (W/ VSC) (See page 71–13)
3. REMOVE COWL SIDE TRIM BOARD LH (W/ VSC) (See page 71–13)
4. REMOVE INSTRUMENT PANEL UNDER COVER SUB–ASSY NO.1 (W/ VSC) (See page 71–13)
5. REMOVE INSTRUMENT CLUSTER FINISH PANEL ORNAMENT (W/ VSC) (See page 71–13)
6. REMOVE INSTRUMENT PANEL FINISH PLATE (W/ VSC) (See page 71–13)
7. REMOVE INSTRUMENT PANEL FINISH LOWER PANEL RH (W/ VSC) (See page 71–13)
8. SEPARATE INSTRUMENT PANEL JUNCTION BLOCK ASSY (W/ VSC) (See page 32–94 or 32–96)
9. REMOVE SKID CONTROL ECU ASSY (W/ VSC) (See page 32–94 or 32–96)
10. REMOVE BRAKE PEDAL PAD
11. REMOVE PUSH ROD PIN

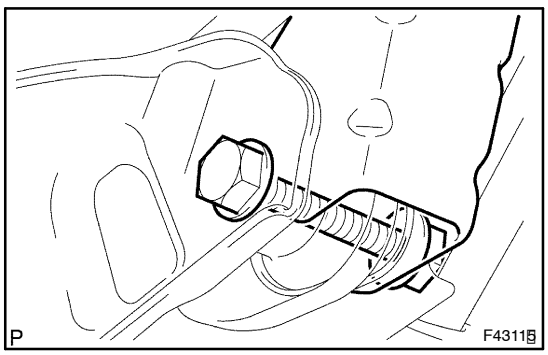
(a) Remove the clip and push rod pin from the brake pedal lever.

12. REMOVE BRAKE PEDAL SUPPORT ASSY

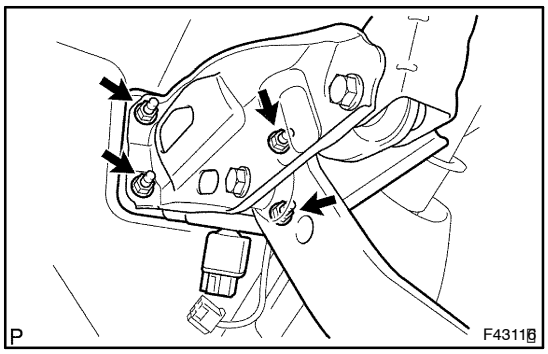
(a) Disconnect the stop lamp switch connector from the stop lamp switch assy.



(b) Remove the bolt from the brake pedal support reinforcement.



(c) Loosen the bolt and nut.

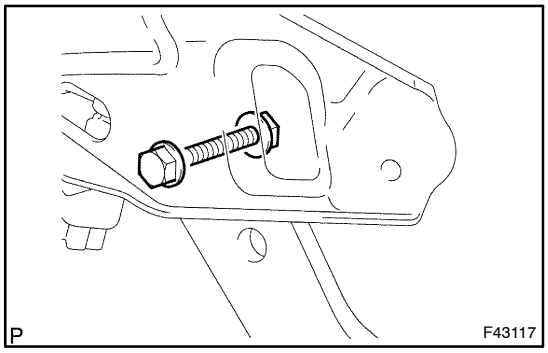


(d) Remove the 4 nuts and brake pedal support sub–assy.

13. REMOVE BRAKE PEDAL RETURN SPRING

14. REMOVE BRAKE PEDAL

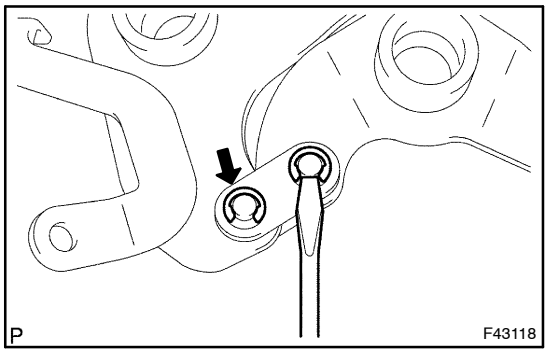
(a) Remove the bolt and nut, then remove the brake pedal support reinforcement from brake pedal support sub–assy.



(b) Remove the bolt and nut, then remove the brake pedal sub–assy from the brake pedal support assy.

(c) Remove the 4 brake pedal bushes from the brake pedal and brake pedal lever.

(d) Remove the 2 collars from brake pedal sub–assy and brake pedal lever.



(e) Using a screwdriver, remove the 2 E–rings from the brake pedal link pin.

(f) Remove the 2 brake pedal link pins, 2 brake pedal shaft collars and 2 brake pedal link.

(g) Remove the brake pedal lever from brake pedal sub–assy.

15. INSTALL BRAKE PEDAL

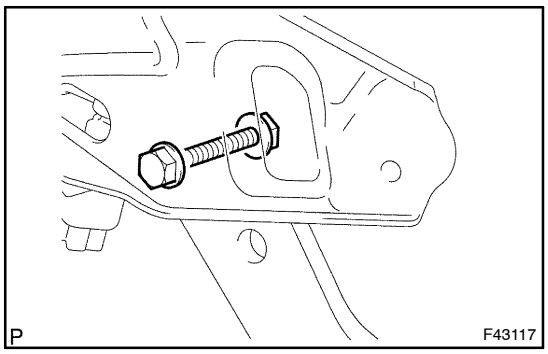
(a) Apply the lithium base glycol grease to the 2 brake pedal link pins, 2 pedal shaft collars and 2 brake pedal links.

(b) Install the brake pedal lever with 2 brake pedal link pins, 2 brake pedal shaft collars and 2 brake pedal link to the brake pedal sub–assy.

(c) Install the 2 new E–rings to the each of brake pedal link pin.

(d) Apply the lithium soap base glycol grease to the 2 collars and 4 brake pedal bushes.

(e) Install the 2 collars and 4 brake pedal bushes to the brake pedal sub–assy and brake pedal lever.

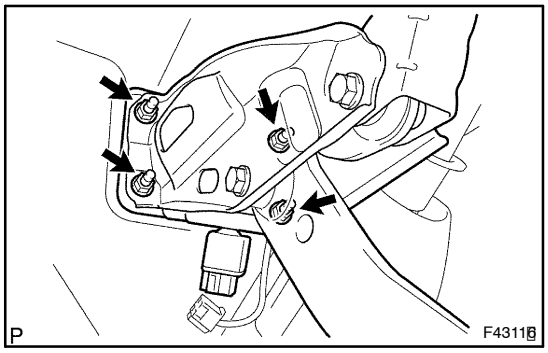


(f) Install the brake pedal sub–assy with the bolt and nut to the brake pedal support sub–assy.
Torque: 34.3 N·m (350 kgf·cm, 25 ft·lbf)

16. INSTALL BRAKE PEDAL RETURN SPRING

(a) Apply lithium soap base glycol grease to inner surface of the hole on the brake pedal support sub–assy.

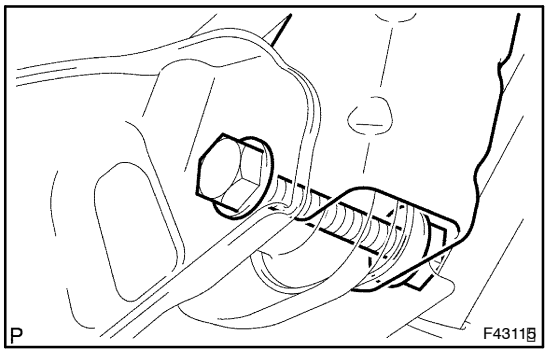
(b) Install the brake pedal return spring to the brake pedal support sub–assy.



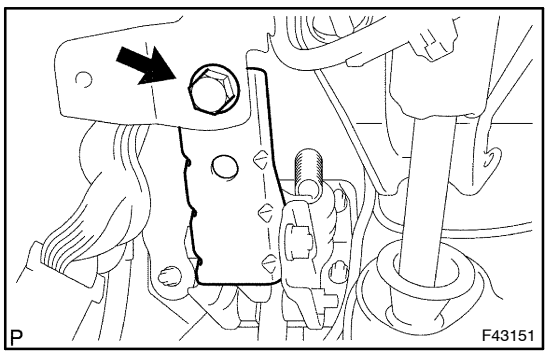
17. INSTALL BRAKE PEDAL SUPPORT ASSY

(a) Install the 4 nuts and brake pedal support sub–assy.
Torque: 14.2 N·m (145 kgf·cm, 10 ft·lbf)

(b) Install the brake pedal support reinforcement to the brake pedal support sub–assy.



(c) Temporarily tighten the bolt and nut to the brake pedal support sub–assy, brake pedal support reinforcement and brake pedal lever.



(d) Install the bolt to the brake pedal support reinforcement.
Torque: 34.3 N·m (350 kgf·cm, 25 ft·lbf)

(e) Tighten the bolt and nut.
Torque: 34.3 N·m (350 kgf·cm, 25 ft·lbf)

18. INSTALL PUSH ROD PIN

(a) Apply lithium soap base glycol grease to the inner surface of the hole on the brake pedal lever.

(b) Install the push rod pin and clip to the brake pedal lever.

19. INSTALL BRAKE PEDAL PAD

20. INSTALL SKID CONTROL ECU ASSY (W/ VSC) (See page 32–94 or 32–96)

21. INSTALL INSTRUMENT PANEL JUNCTION BLOCK ASSY (W/ VSC) (See page 32–94 or 32–96)

22. INSTALL INSTRUMENT PANEL FINISH LOWER PANEL RH (W/ VSC)

23. INSTALL INSTRUMENT PANEL FINISH PLATE (W/ VSC)

24. INSTALL INSTRUMENT CLUSTER FINISH PANEL ORNAMENT (W/ VSC)

25. INSTALL INSTRUMENT PANEL UNDER COVER SUB–ASSY NO.1 (W/ VSC)

26. INSTALL COWL SIDE TRIM BOARD LH (W/ VSC)

27. INSTALL FRONT FLOOR FOOTREST (W/ VSC)

28. INSTALL FRONT DOOR SCUFF PLATE LH (W/ VSC)

29. INSPECT BRAKE PEDAL HEIGHT (See page 32–10)

30. CHECK PEDAL FREE PLAY (See page 32–10)
31. CHECK PEDAL RESERVE DISTANCE (See page 32–10)
32. CHECK VSC SENSOR SIGNAL (W/ VSC) (See page 05–730)