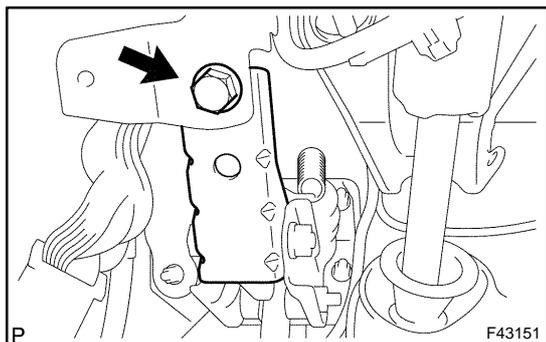


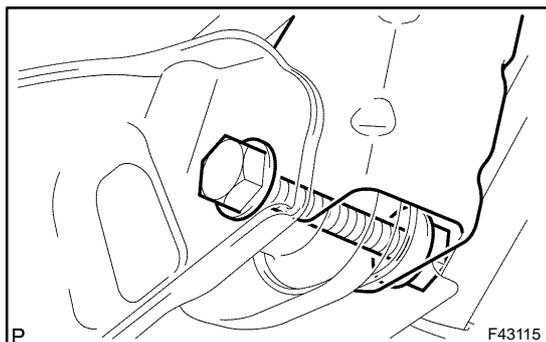
REPLACEMENT

1. REMOVE INSTRUMENT PANEL FINISH PLATE (See page 71-12)
2. REMOVE INSTRUMENT PANEL FINISH PANEL SUB-ASSY LOWER (See page 71-12)
3. REMOVE INSTRUMENT PANEL LOWER LH (See page 71-12)
4. REMOVE SKID CONTROL ECU ASSY (See page 32-57)
5. REMOVE PUSH ROD PIN
 - (a) Remove the clip and push rod pin from the brake pedal lever.



6. REMOVE BRAKE PEDAL SUPPORT REINFORCEMENT

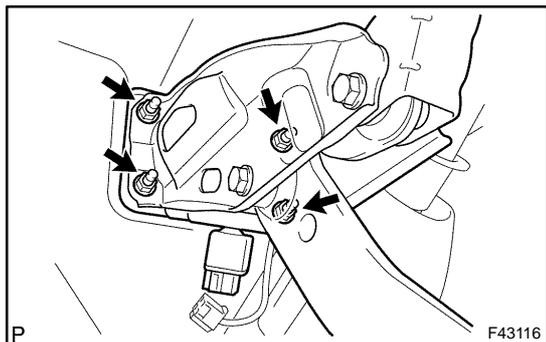
- (a) Remove the bolt from the brake pedal support reinforcement.



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

7. REMOVE BRAKE PEDAL SUPPORT SUB-ASSY

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

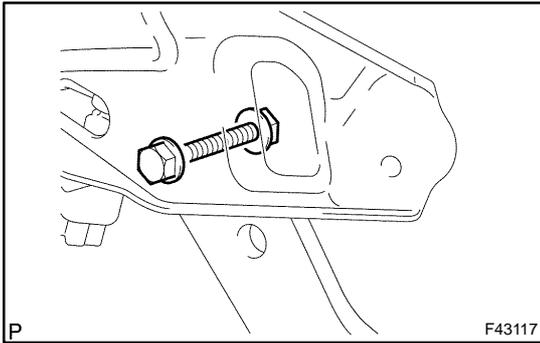


- (b) Remove the 4 nuts and brake pedal support sub-assy.

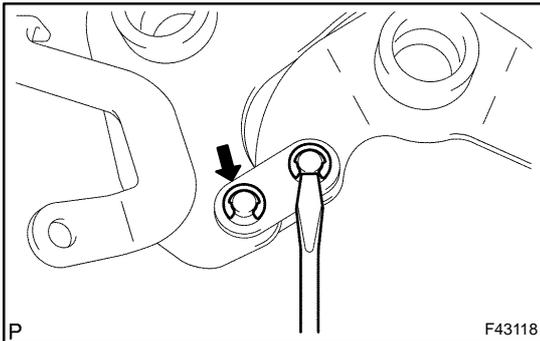
8. REMOVE BRAKE PEDAL RETURN SPRING

9. REMOVE STOP LAMP SWITCH ASSY

- (a) Turn the stop lamp switch assy counterclockwise and remove the stop lamp switch assy.
- (b) Remove the cushion from brake pedal support sub-assy.

**10. REMOVE BRAKE PEDAL SUB-ASSY**

- (a) Remove the bolt and nut, then remove the brake pedal sub-assy from brake pedal support sub-assy.
- (b) Remove the 4 brake pedal bushes from the brake pedal and brake pedal lever.
- (c) Remove the 2 collars from brake pedal sub-assy and brake pedal lever.

**11. REMOVE BRAKE PEDAL LEVER**

- (a) Using a screwdriver, remove the 2 E-rings from the brake pedal link pin.
- (b) Remove the 2 brake pedal link pins, 2 brake pedal shaft collars and 2 brake pedal link.
- (c) Remove the brake pedal lever from brake pedal sub-assy.

12. REMOVE BRAKE PEDAL PAD

- (a) Remove the brake pedal pad from the brake pedal sub-assy.

13. INSTALL BRAKE PEDAL PAD

- (a) Install the brake pedal pad to the brake pedal sub-assy.

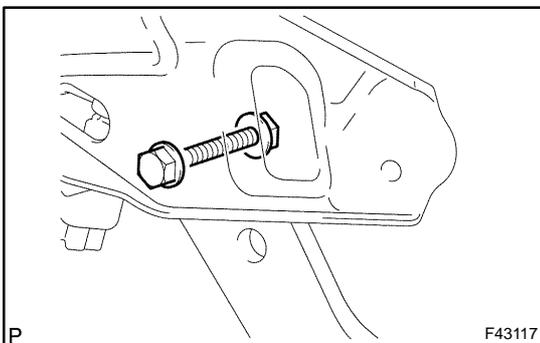
14. INSTALL BRAKE PEDAL LEVER

- (a) Apply the lithium soap base glycol grease to the 2 brake pedal link pins, pedal shaft collars and 2 brake pedal link.
- (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 each of brake pedal link pin.

15. INSTALL BRAKE PEDAL SUB-ASSY

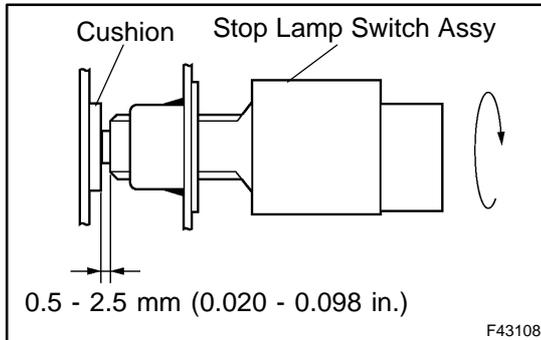
- (a) Apply the lithium soap base glycol grease to the 2 collars and 4 brake pedal bushes.
- (b) Install the 2 collars and 4 brake pedal bushes to the brake pedal sub-assy and brake pedal lever.
- (c) Install the brake pedal sub-assy with the bolt and nut to the brake pedal support sub-assy.

Torque: 34.3 N·m (350 kgf·cm, 25 ft·lbf)



16. INSTALL STOP LAMP SWITCH ASSY

- (a) Install the cushion to the brake pedal bracket.



- (b) Insert the stop lamp switch assy until the body hits the cushion.

NOTICE:

When inserting the stop lamp switch, support the pedal from behind so that the pedal is not pushed in.

- (c) Make a quarter turn clockwise to install the stop lamp switch assy.

NOTICE:

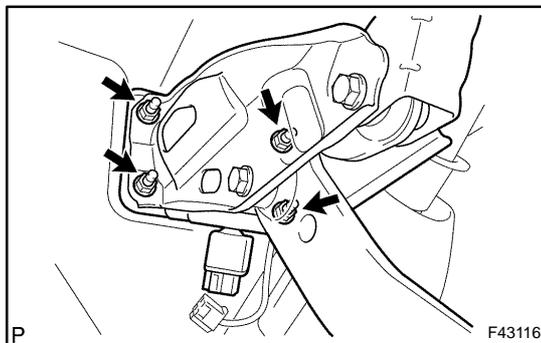
The turning torque for installing the stop lamp switch assy.

HINT:

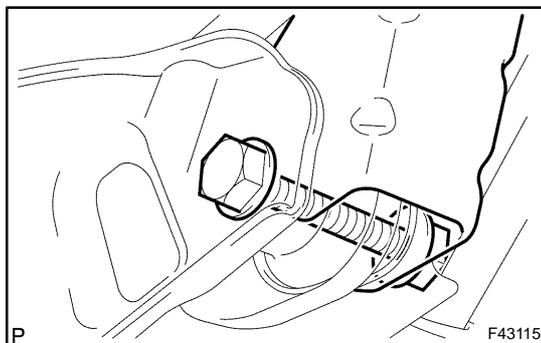
Due to the inverse screw structure, if the stop lamp switch assy is turned clockwise, the stop lamp switch assy moves in the direction to be pulled out.

17. INSTALL BRAKE PEDAL RETURN SPRING

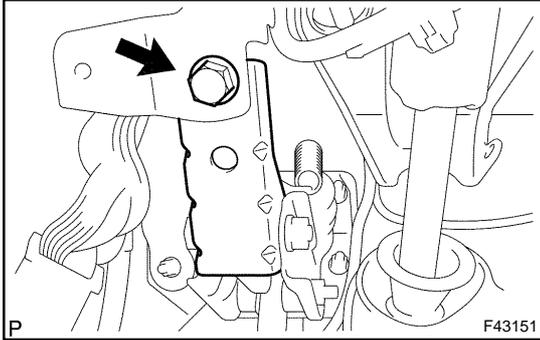
- (a) Apply the lithium soap base glycol grease to inner surface of the hole on the brake pedal support sub-assy.
- (b) Install the brake pedal return spring to the brake pedal support sub-assy.

**18. INSTALL BRAKE PEDAL SUPPORT SUB-ASSY**

- (a) Install the 4 nuts and brake pedal support sub-assy.
Torque: 14.2 N·m (145 kgf·cm, 10 ft·lbf)
- (b) Connect the stop lamp switch connector to the stop lamp switch assy.

**19. INSTALL BRAKE PEDAL SUPPORT REINFORCEMENT**

- (a) Install the brake pedal support reinforcement to the brake pedal support sub-assy.
- (b) Temporarily tighten the bolt and nut to the brake pedal support sub-assy, brake pedal support reinforcement and brake pedal lever.



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

20. INSTALL PUSH ROD PIN

- (a) Apply the 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.

21. INSTALL SKID CONTROL ECU ASSY (See page 32-57)

22. INSTALL INSTRUMENT PANEL LOWER LH

23. INSTALL INSTRUMENT PANEL FINISH PANEL SUB-ASSY LOWER

24. REMOVE INSTRUMENT PANEL FINISH PLATE

25. INSPECT BRAKE PEDAL HIGHT (See page 32-8)

26. CHECK PEDAL FREE PLAY (See page 32-8)

27. CHECK PEDAL RESERVE DISTANCE (See page 32-8)

28. CHECK VSC SENSOR SIGNAL (See page 05-307)