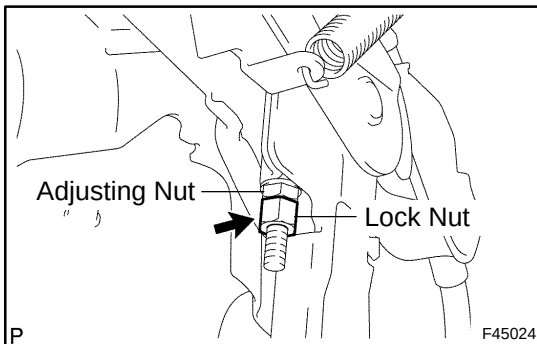


## ADJUSTMENT

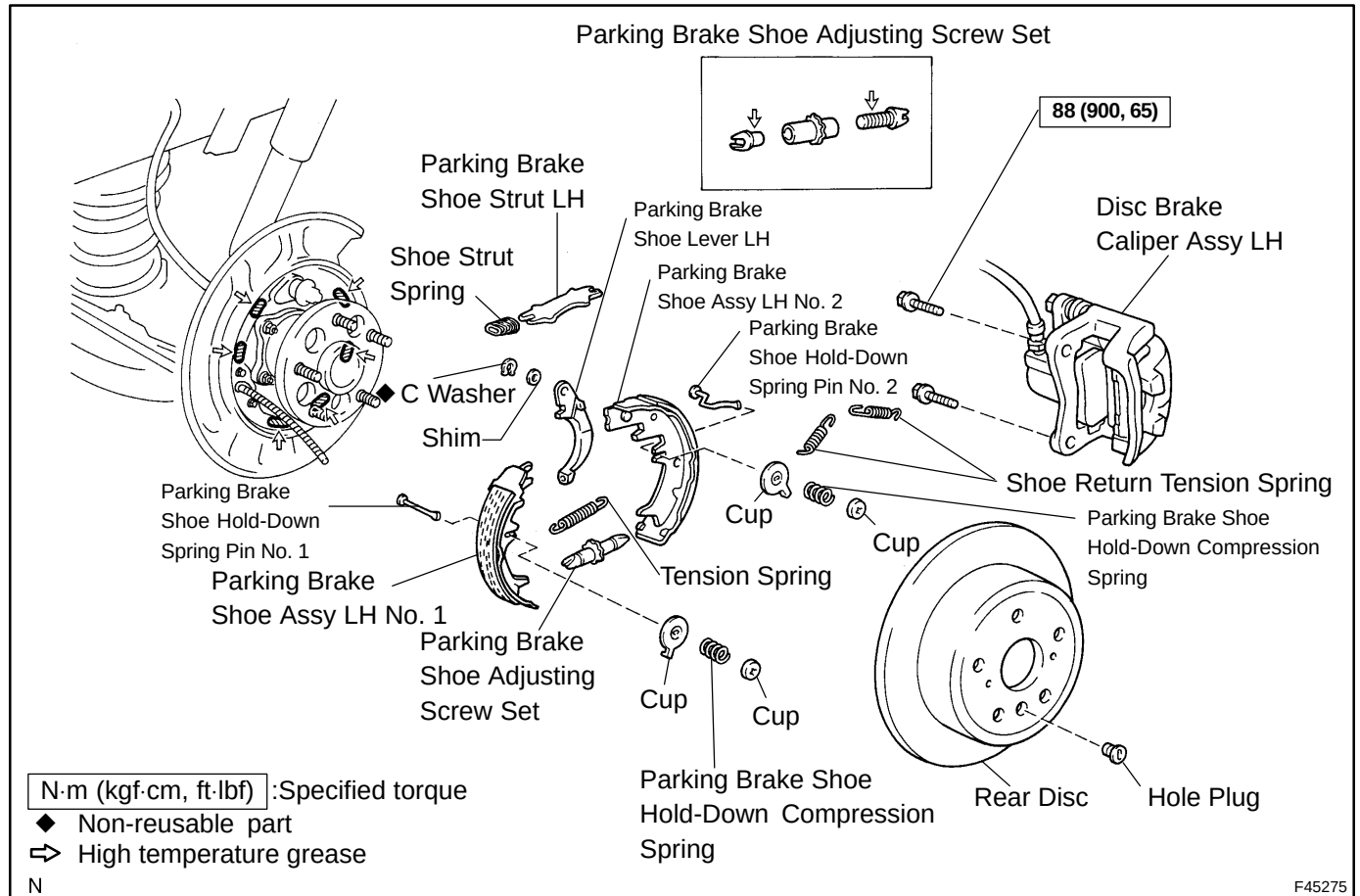
1. REMOVE REAR WHEEL
2. ADJUST PARKING BRAKE SHOE CLEARANCE (See page 33-17 )
3. INSTALL REAR WHEEL  
Torque: 103 N·m (1,050 kgf·cm, 76 ft·lbf)
4. INSPECT PARKING BRAKE PEDAL TRAVEL
  - (a) Slowly depress the parking brake pedal all the way, and count the number of clicks.  
Parking brake pedal travel: 3 - 5 clicks at 294 N (30 kgf, 66.0 lbf)
5. DISCONNECT BATTERY NEGATIVE TERMINAL(See page 60-1 )
6. REMOVE FRONT DOOR SCUFF PLATE LH(See page 71-10 )
7. REMOVE COWL SIDE TRIM BOARD LH(See page 71-10 )
8. REMOVE INSTRUMENT PANEL FINISH PANEL SUB-ASSY LOWER LH (See page 71-10 )



9. ADJUST PARKING BRAKE PEDAL TRAVEL
  - (a) Depress the parking brake pedal 3 notches to make a room for the procedure, and loosen the lock nut.
  - (b) Return the parking brake pedal to the original position.
  - (c) Turn the adjusting nut until the parking brake pedal travel corrects.
  - (d) Depress the parking brake pedal 3 notches to make a room for the procedure, and tighten the lock nut.  
Torque: 5.4 N·m (55 kgf·cm, 48 in·lbf)
  - (e) Return the parking brake pedal to the original position.
  - (f) Check whether the parking brake drags or not.
  - (g) When operating the parking brake pedal, check that the parking brake pedal indicator light goes on.

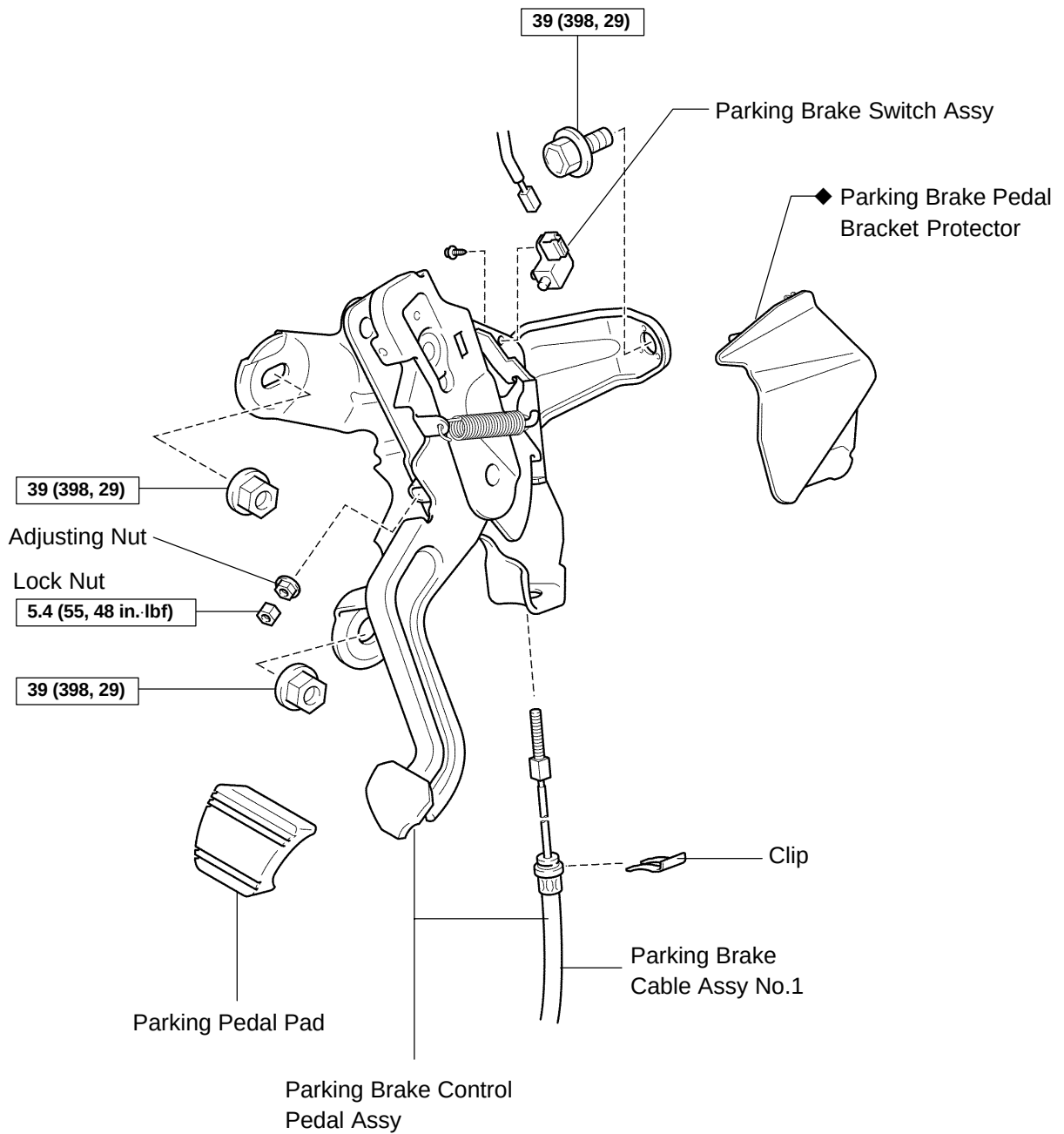
# PARKING BRAKE ASSY COMPONENTS

330C2-01



# PARKING BRAKE CONTROL PEDAL ASSY COMPONENTS

330BW-01



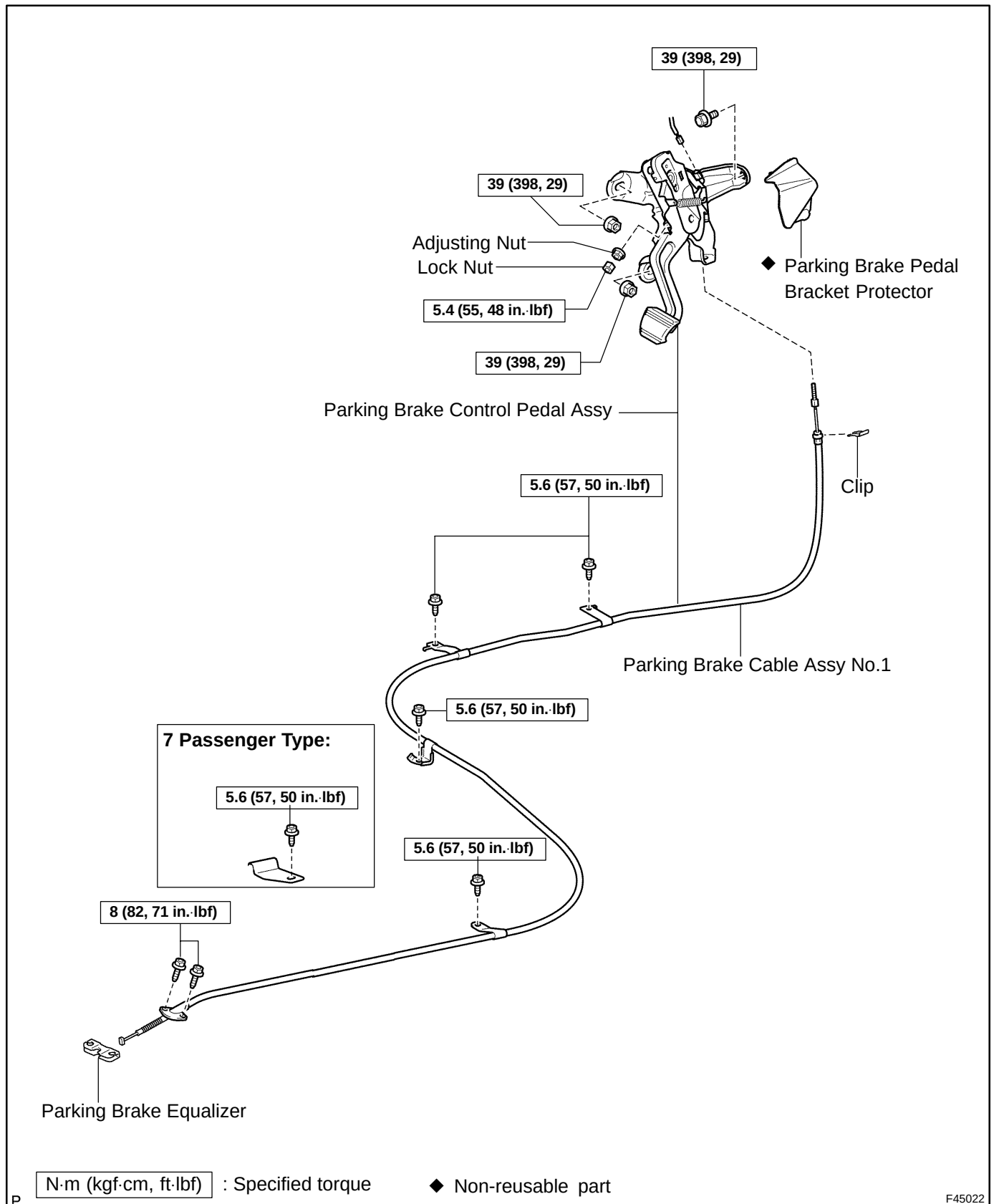
N·m (kgf·cm, ft·lbf) : Specified torque ◆ Non-reusable part

F45021

# PARKING BRAKE CABLE ASSY NO.1

## COMPONENTS

330BY-01

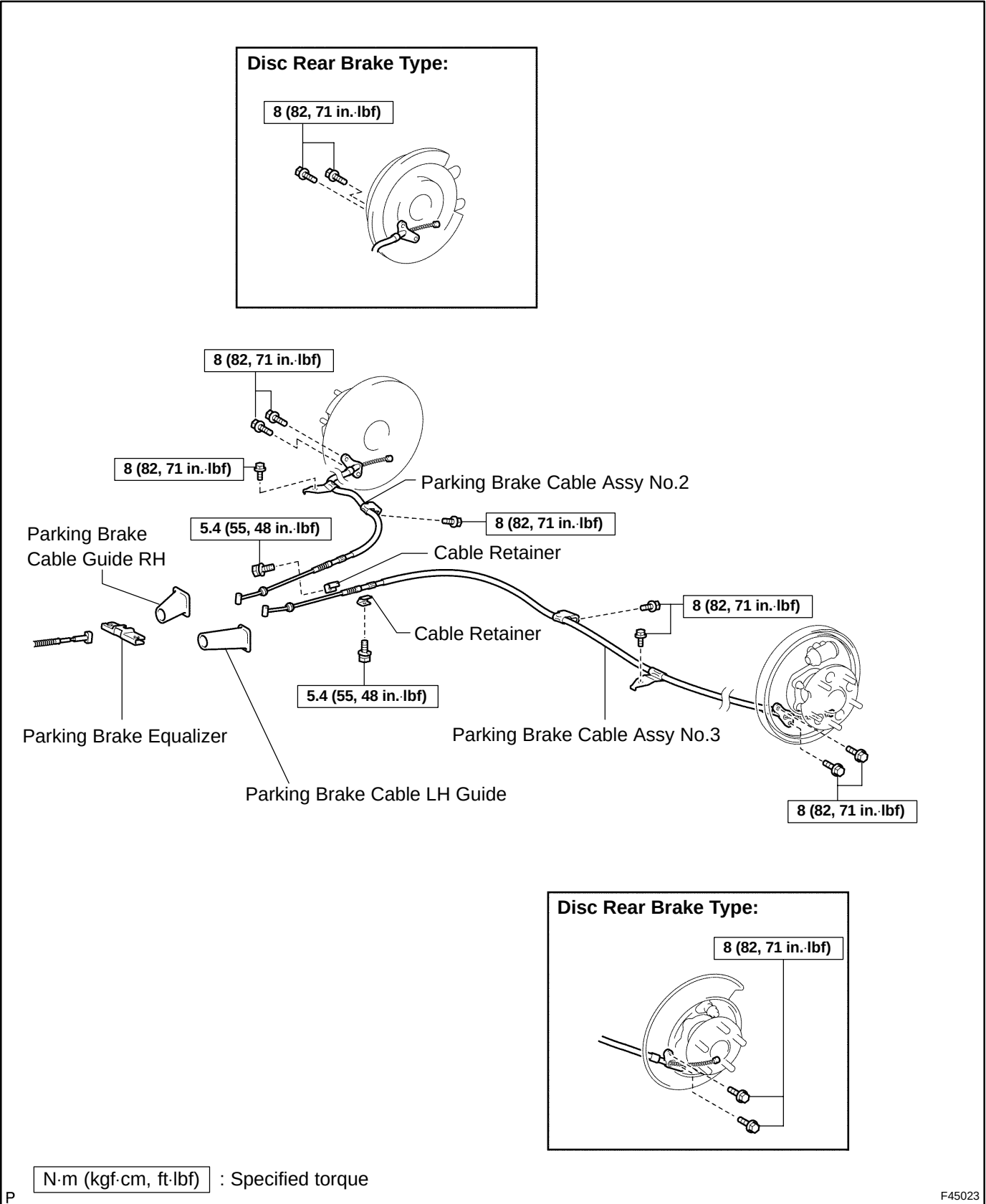


F45022

# PARKING BRAKE CABLE ASSY NO.3

## COMPONENTS

330C0-01



## PARKING BRAKE SYSTEM

3308U-01

### PROBLEM SYMPTOMS TABLE

Use the table below to help you find the cause of the problem. The numbers indicate the likelihood of the cause in the descending order. Check each part in the order shown. Replace these parts as necessary.

| Symptom    | Suspect Area                                        | See page              |
|------------|-----------------------------------------------------|-----------------------|
| Brake drag | 1. Parking brake pedal travel (Out of adjustment)   | <a href="#">33-2</a>  |
|            | 2. Parking brake wire (Sticking)                    | <a href="#">33-8</a>  |
|            |                                                     | <a href="#">33-12</a> |
|            | 3. Parking brake shoe clearance (Out of adjustment) | <a href="#">33-17</a> |
|            | 4. Parking brake shoe lining (Cracked or distorted) | <a href="#">33-17</a> |
|            | 5. Tension or return spring (Damaged)               | <a href="#">33-17</a> |

## OVERHAUL

### HINT:

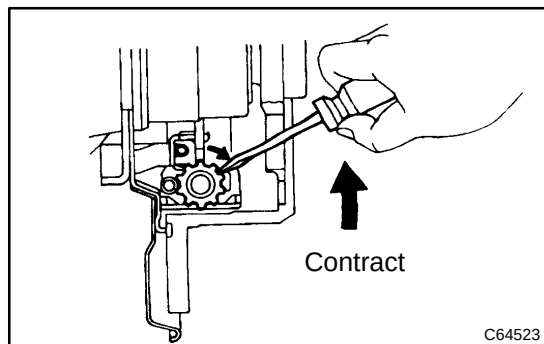
Overhaul the RH side by the same procedures as these of the LH side.

#### 1. REMOVE REAR WHEEL

#### 2. SEPARATE REAR DISC BRAKE CALIPER ASSY LH (See page 32-37 )

### HINT:

Do not disconnect the flexible hose from the brake caliper.

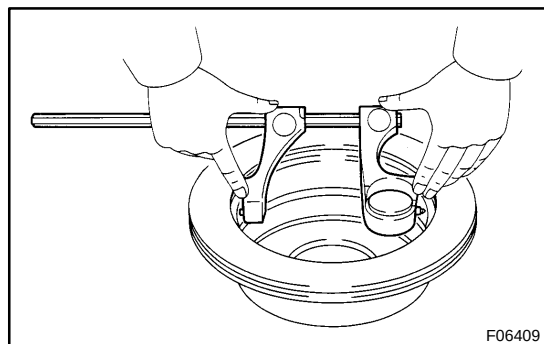


#### 3. REMOVE REAR DISC

- (a) Release the parking brake, and remove the rear disc.

### HINT:

- Align matchmarks on the disc and the axle hub.
- If the disc cannot be removed easily, turn the shoe adjuster until the wheel turns freely.

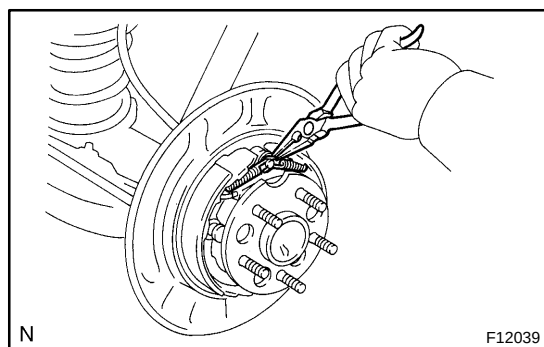


#### 4. INSPECT BRAKE DISC INSIDE DIAMETER

- (a) Using a brake drum gauge or equivalent, measure the inside diameter of the disc.

**Standard inside diameter: 190 mm (7.480 in.)**

**Maximum inside diameter: 191 mm (7.520 in.)**

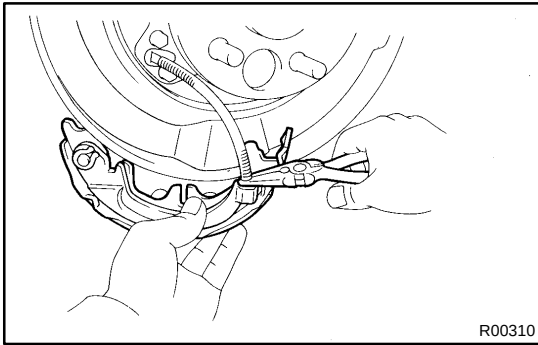


#### 5. REMOVE PARKING BRAKE SHOE ASSY LH NO.1

- (a) Using needle-nose pliers, remove the 2 shoe return tension springs.
- (b) Disconnect the tension spring from the parking brake shoe assy LH No.1.
- (c) Slide out the parking brake shoe assy LH No.1 and remove the parking brake shoe assy LH No.1.
- (d) Remove the shoe hold-down compression spring, 2 cups and shoe hold-down compression spring pin No.1.

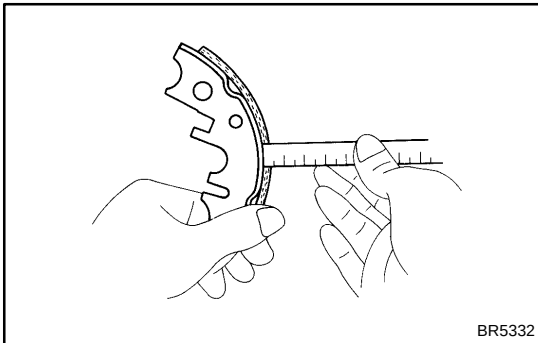
#### 6. REMOVE PARKING BRAKE SHOE ADJUSTING SCREW SET

#### 7. REMOVE PARKING BRAKE SHOE STRUT LH



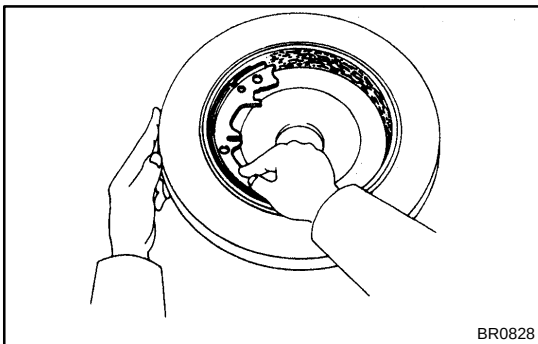
### 8. REMOVE PARKING BRAKE SHOE ASSY LH NO.2

- Disconnect the return spring from the parking brake shoe assy LH No.2 and remove the tension spring.
- Slide out the parking brake shoe assy LH No.2.
- Remove the shoe hold-down compression spring, 2 cups and shoe hold-down compression spring pin No.2.
- Using needle-nose pliers, disconnect the parking brake cable No.3 from the parking brake shoe lever and remove the parking brake shoe assy LH No.2.



### 9. INSPECT PARKING BRAKE SHOE LINING THICKNESS

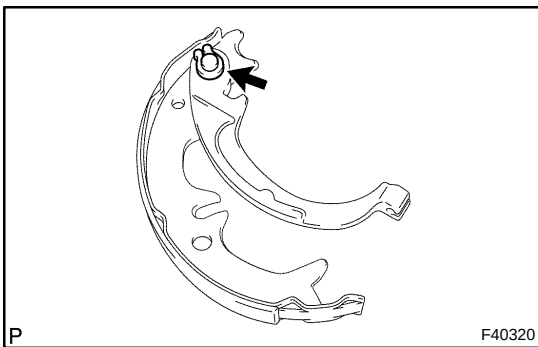
- Using a ruler, measure the thickness of the shoe lining.  
**Standard thickness: 2.5 mm (0.098 in.)**  
**Minimum thickness: 1.0 mm (0.039 in.)**



### 10. INSPECT BRAKE DISC AND PARKING BRAKE SHOE LINING FOR PROPER CONTACT

- Apply chalk to the inside surface of the disc, then grind down the brake shoe lining to fit.

If the contact between the brake disc and the shoe lining is improper, repair it using a brake shoe grinder or replace the brake shoe assembly.



### 11. REMOVE PARKING BRAKE SHOE LEVER LH

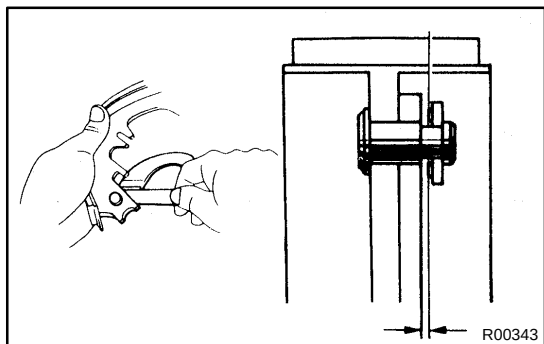
- Using a screwdriver, remove the C-washer.
- Remove the shim and shoe lever from the parking brake shoe.

### 12. APPLY HIGH TEMPERATURE GREASE

- Apply the high temperature grease to the surface on which the shoe and backing plate attach.

**13. INSTALL PARKING BRAKE SHOE LEVER LH**

- (a) Install the shoe lever and shim to the rear shoe with a new C-washer.

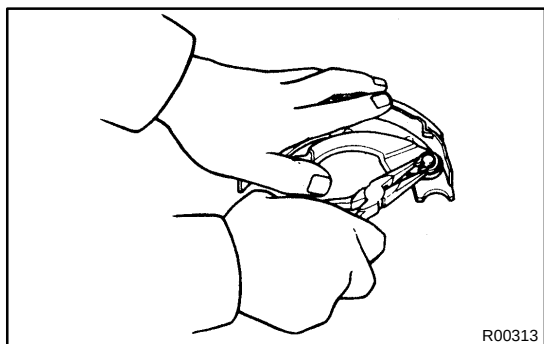


- (b) Using a feeler gauge, measure the clearance.

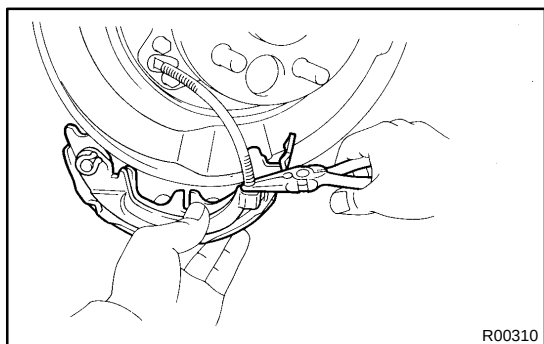
**Standard clearance: Less than 0.35 mm (0.0138 in.)**

If the clearance is not within the specification, replace the shim with one of the correct size.

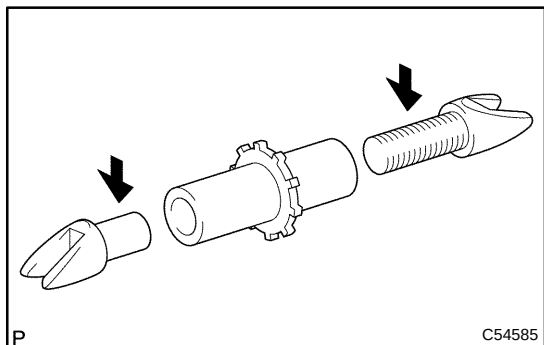
| Shim Thickness     | Shim Thickness     |
|--------------------|--------------------|
| 0.3 mm (0.012 in.) | 0.9 mm (0.035 in.) |
| 0.6 mm (0.024 in.) | -                  |



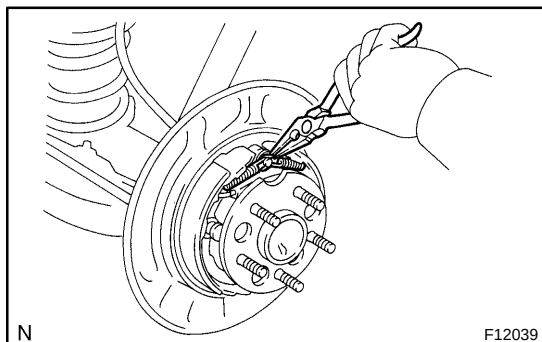
- (c) Install the correct side shim with a new C-washer.  
(d) Remeasure the clearance.

**14. INSTALL PARKING BRAKE SHOE ASSY LH NO.2**

- (a) Using needle-nose pliers, connect the parking brake cable No.3 to the parking brake shoe lever.  
(b) Install the parking brake shoe assy LH No.2 with the shoe hold-down compression spring pin No.2, shoe hold-down compression spring and 2 cups.

**15. INSTALL PARKING BRAKE SHOE ADJUSTING SCREW SET**

- (a) Apply the high temperature grease to the adjusting bolt.  
(b) Install the parking brake shoe adjusting screw set LH.

**16. INSTALL PARKING BRAKE SHOE STRUT LH****17. INSTALL PARKING BRAKE SHOE ASSY LH NO.1**

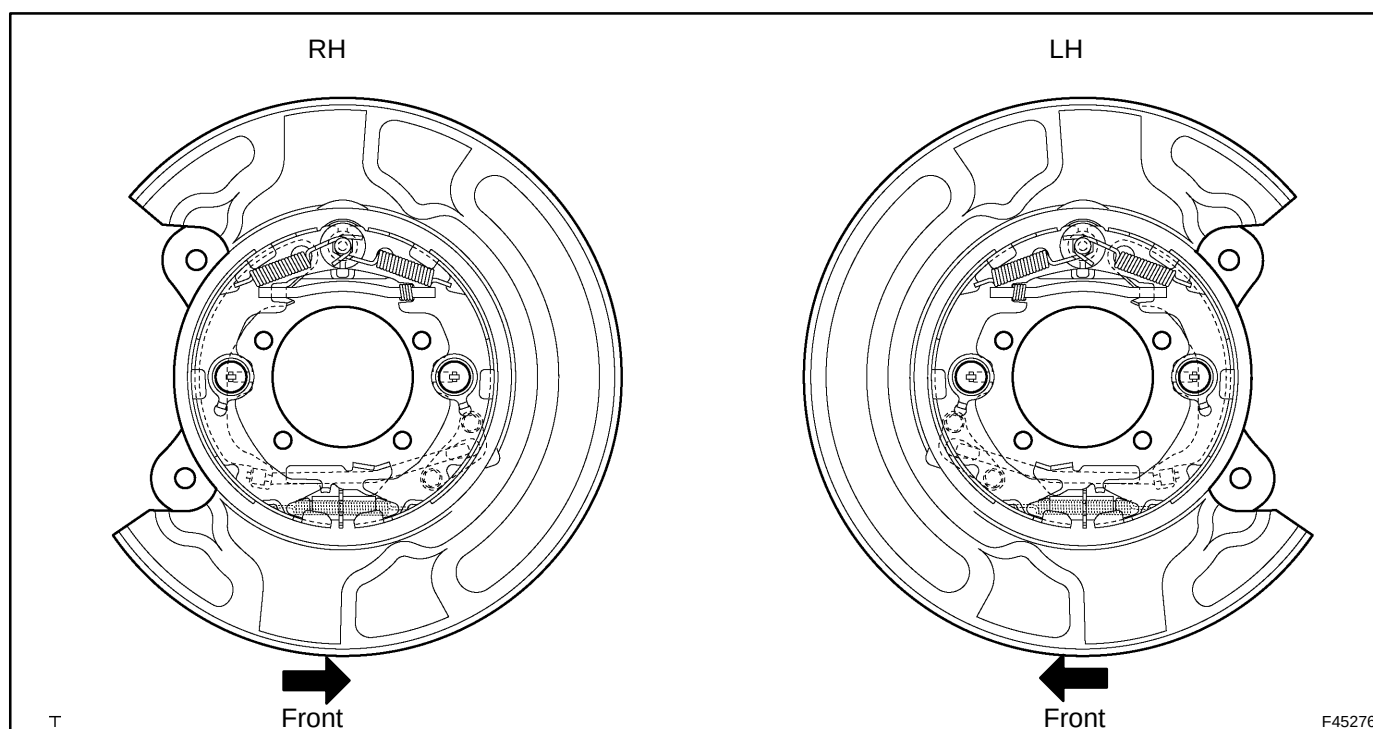
- (a) Install the parking brake shoe assy LH No.1 with the shoe hold-down compression spring pin No.1, shoe hold-down compression spring and 2 cups.
- (b) Install the tension spring and 2 shoe return tension springs.

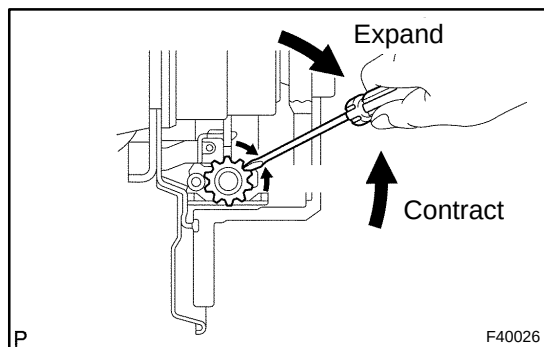
**18. CHECK PARKING BRAKE INSTALLATION**

- (a) Check that each part is installed properly.

**NOTICE:**

No oil or grease should be adhered to the friction surface of the shoe lining and disc.

**19. INSTALL REAR DISC**

**20. ADJUST PARKING BRAKE SHOE CLEARANCE**

- (a) Temporarily install the hub nuts.
- (b) Remove the hole plug, and turn the adjuster and expand the shoes until the disc locks.
- (c) Contract the shoe adjuster until the disc can rotate smoothly.

**Standard : Return 8 notches**

- (d) Check that the brake disc rotates smoothly.
- (e) Install the hole plug.

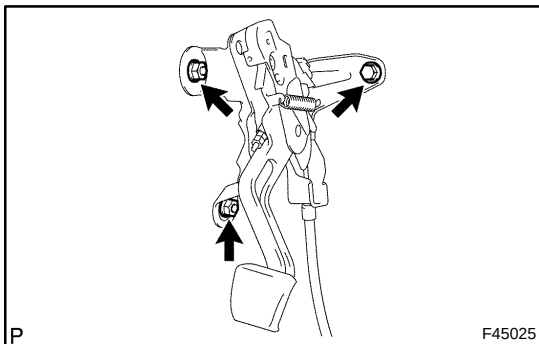
**21. CONNECT REAR DISC BRAKE CALIPER ASSY LH****22. INSTALL REAR WHEEL**

Torque: 103 N·m (1,050 kgf·cm, 76 ft·lbf)

**23. INSPECT PARKING BRAKE PEDAL TRAVEL (See page 33-2 )****24. ADJUST PARKING BRAKE PEDAL TRAVEL (See page 33-2 )**

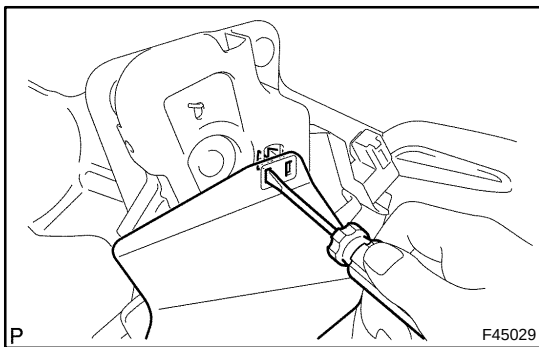
## OVERHAUL

1. DISCONNECT BATTERY NEGATIVE TERMINAL (See page 60-1 )
2. REMOVE FRONT DOOR SCUFF PLATE LH (See page 71-10 )
3. REMOVE COWL SIDE TRIM BOARD LH (See page 71-10 )
4. REMOVE INSTRUMENT PANEL FINISH PANEL SUB-ASSY LOWER LH (See page 71-10 )
5. REMOVE REAR DOOR SCUFF PLATE RH
6. REMOVE REAR DOOR SCUFF PLATE LH
7. REMOVE FRONT SEAT ASSY LH  
MANUAL SEAT TYPE (See page 72-22 )  
POWER SEAT TYPE (See page 72-12 )  
FOLD FLAT TYPE (See page 72-30 )
8. REMOVE REAR NO. 1 SEAT ASSY  
CAPTAIN SEAT TYPE LH (See page 72-37 )  
CAPTAIN SEAT TYPE CTR (See page 72-44 )
9. REMOVE REAR FLOOR SEAT LOCK COVER
10. REMOVE REAR FLOOR SEAT LOCK COVER



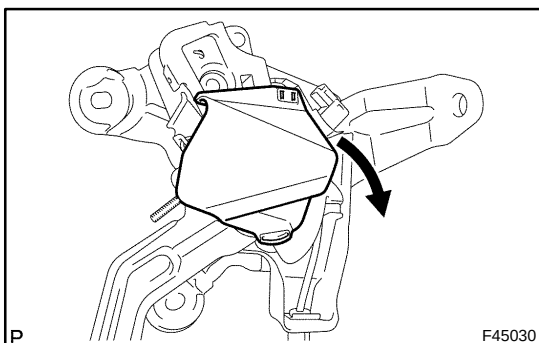
### 11. REMOVE PARKING BRAKE CONTROL PEDAL ASSY

- (a) Remove the 4 nuts and separate the instrument panel junction block assy w/wiring harness connector from the body.
- (b) Disconnect the parking brake switch connector.
- (c) Remove the bolt, 2 nuts and parking brake control pedal assy.



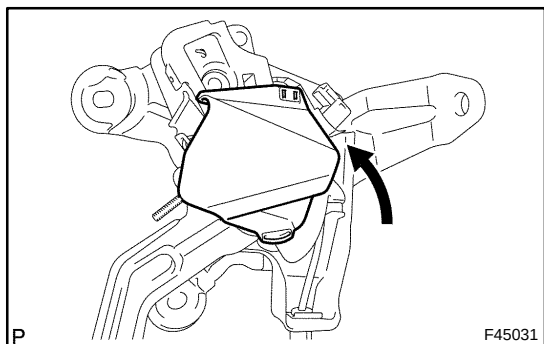
### 12. REMOVE PARKING BRAKE PEDAL BRACKET PROTECTOR

- (a) Using a flat-head screwdriver, disengage the 2 claws on the parking brake pedal bracket protector.



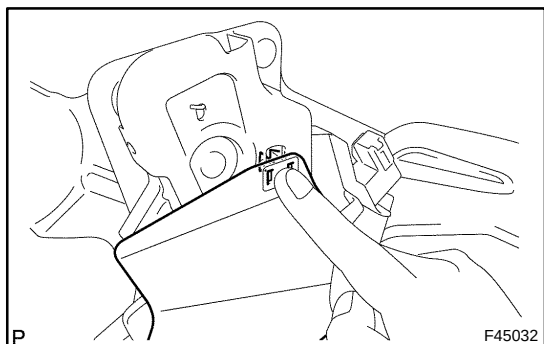
- (b) Turning the parking brake pedal bracket protector clockwise, remove the parking brake pedal bracket protector from the parking brake control pedal.

13. REMOVE PARKING BRAKE CABLE ASSY NO.1 (See page 33-8 )
14. REMOVE PARKING BRAKE SWITCH ASSY
  - (a) Remove the screw and parking brake switch.
15. INSTALL PARKING BRAKE SWITCH ASSY
  - (a) Install the parking brake switch to the parking brake pedal with the screw.
16. INSTALL PARKING BRAKE CABLE ASSY NO.1 (See page 33-8 )

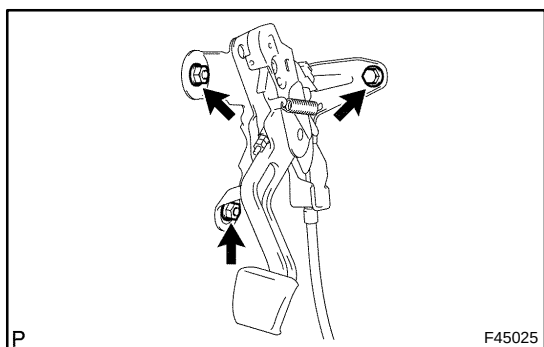


**17. INSTALL PARKING BRAKE PEDAL BRACKET PROTECTOR**

- (a) Fit the convex part on a new parking brake pedal bracket protector into the concave part on the parking brake control pedal and turn the parking brake pedal bracket protector counterclockwise.



- (b) Engaging the 2 claws, install the parking brake pedal bracket to the parking brake control pedal.



**18. INSTALL PARKING BRAKE CONTROL PEDAL ASSY**

- (a) Install the parking brake control pedal assy with a bolt and the 2 nuts.

**Torque: 39 N·m (398 kgf·cm, 29 ft·lbf)**

- (b) Connect the parking brake switch connector.
- (c) Connect the instrument panel junction block assy w/wiring harness connector with the 4 nuts.

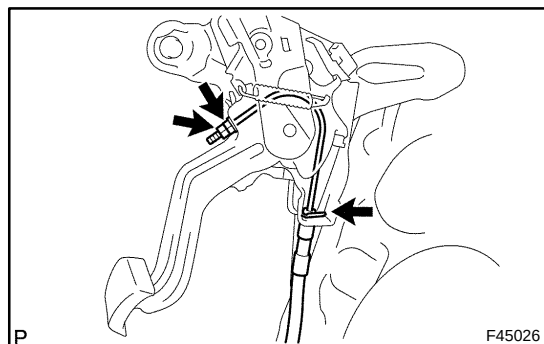
**Torque: 7.3 N·m (74 kgf·cm, 65 in·lbf)**

19. INSTALL REAR FLOOR SEAT LOCK COVER
20. INSTALL REAR FLOOR SEAT LOCK COVER
21. INSTALL REAR NO. 1 SEAT ASSY
  - CAPTAIN SEAT TYPE LH (See page 72-37 )
  - CAPTAIN SEAT TYPE CTR (See page 72-44 )
22. INSTALL FRONT SEAT ASSY LH
  - MANUAL SEAT TYPE (See page 72-22 )
  - POWER SEAT TYPE (See page 72-12 )
  - FOLD FLAT TYPE (See page 72-30 )
23. INSPECT PARKING BRAKE PEDAL TRAVEL(See page 33-2 )

**24. ADJUST PARKING BRAKE PEDAL TRAVEL(See page [33-2](#) )**

## REPLACEMENT

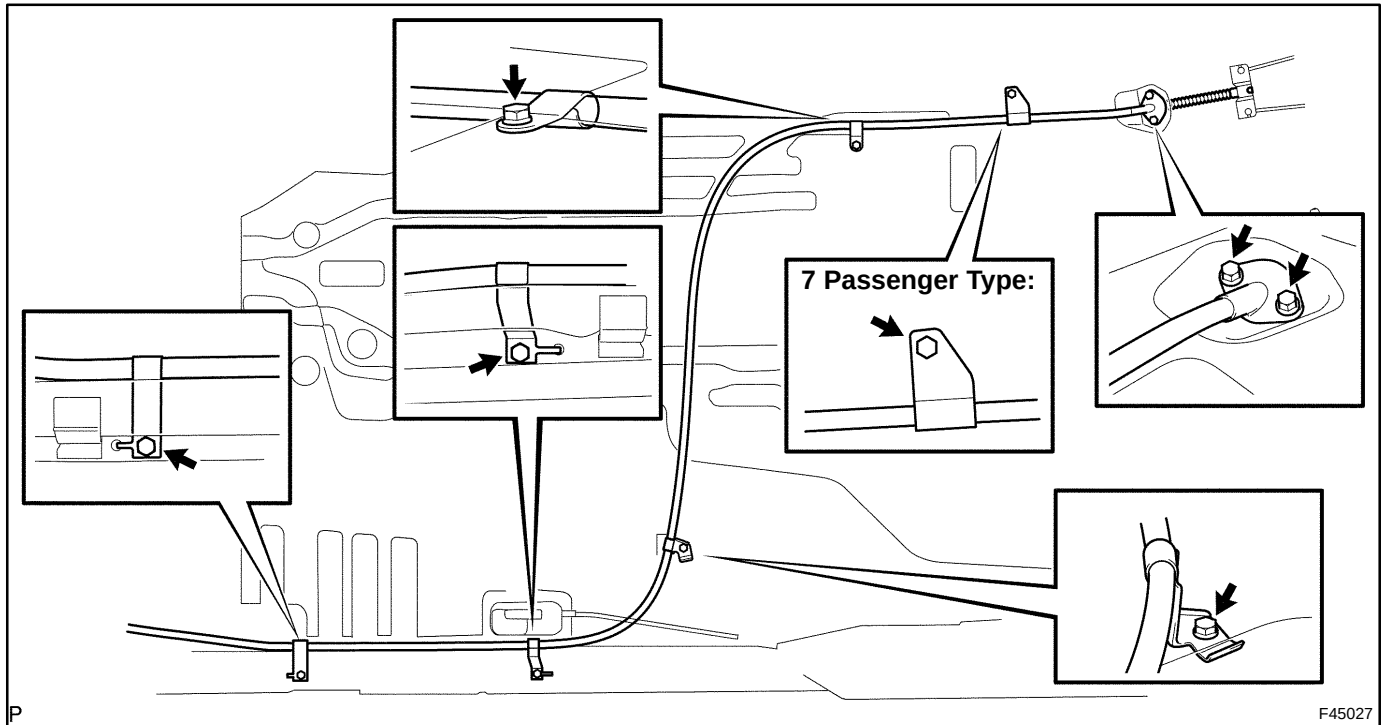
1. DISCONNECT BATTERY NEGATIVE TERMINAL(See page 60-1 )
2. REMOVE FRONT DOOR SCUFF PLATE LH (See page 71-10 )
3. REMOVE COWL SIDE TRIM BOARD LH (See page 71-10 )
4. REMOVE INSTRUMENT PANEL FINISH PANEL SUB-ASSY LOWER LH (See page 71-10 )
5. REMOVE REAR DOOR SCUFF PLATE RH
6. REMOVE REAR DOOR SCUFF PLATE LH
7. REMOVE FRONT SEAT ASSY LH  
MANUAL SEAT TYPE (See page 72-22 )  
POWER SEAT TYPE (See page 72-22 )  
FOLD FLAT TYPE (See page 72-30 )
8. REMOVE REAR NO. 1 SEAT ASSY  
CAPTAIN SEAT TYPE LH (See page 72-37 )  
CAPTAIN SEAT TYPE CTR (See page 72-44 )
9. REMOVE REAR FLOOR SEAT LOCK COVER
10. REMOVE REAR FLOOR SEAT LOCK COVER
11. REMOVE PARKING BRAKE CONTROL PEDAL ASSY (See page 33-4 )
12. REMOVE PARKING BRAKE PEDAL BRACKET PROTECTOR (See page 33-4 )



### 13. REMOVE PARKING BRAKE CABLE ASSY NO.1

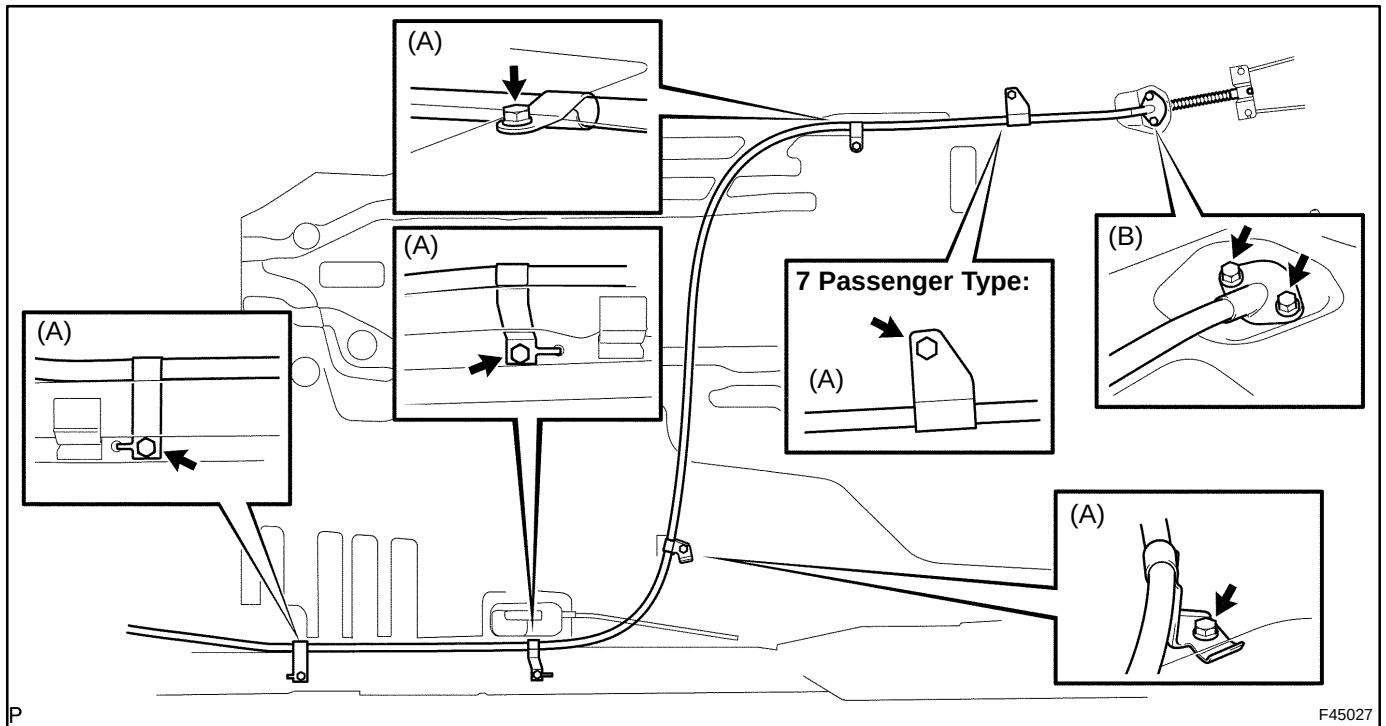
- (a) Remove the lock nut, adjusting nut, clip and disconnect the parking brake cable assy No.1 from the parking brake control pedal assy.
- (b) Take up the floor carpet.
- (c) Remove the 6 bolts and disconnect the parking brake cable assy No.1 from the floor.  
(Except 7 Passenger Type)
- (d) Remove the 7 bolts and disconnect the parking brake cable assy No.1 from the floor.  
(7 Passenger Type)

- (e) Disconnect the parking brake cable No.1 from the parking brake equalizer, and remove the parking brake cable No.1.



**14. INSTALL PARKING BRAKE CABLE ASSY NO.1**

- (a) Connect the parking brake cable No.1 to the parking brake cable equalizer.
- (b) Install the parking brake cable No.1 with the 6 bolts.  
(Except 7 Passenger Type)
- (c) Install the parking brake cable No.1 with the 7 bolts.  
(7 Passenger Type)

**Torque:****Bolt (A) : 5.6 N·m (57 kgf·cm, 50 in·lbf)****Bolt (B) : 8 N·m (82 kgf·cm, 71 in·lbf)**

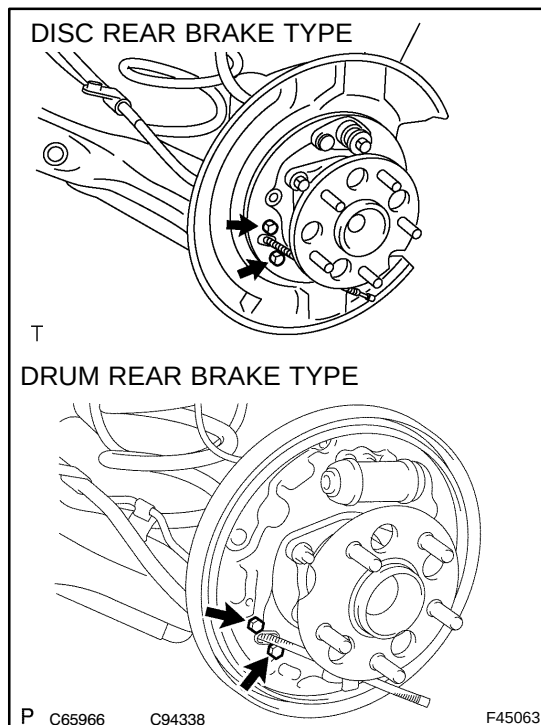
- 15. INSTALL PARKING BRAKE PEDAL BRACKET PROTECTOR(See page 33-4 )**
- 16. INSTALL PARKING BRAKE CONTROL PEDAL ASSY(See page 33-4 )**
- 17. INSTALL REAR FLOOR SEAT LOCK COVER**
- 18. INSTALL REAR FLOOR SEAT LOCK COVER**
- 19. INSTALL REAR NO. 1 SEAT ASSY**  
CAPTAIN SEAT TYPE LH (See page 72-37 )  
CAPTAIN SEAT TYPE CTR (See page 72-44 )
- 20. INSTALL FRONT SEAT ASSY LH**  
MANUAL SEAT TYPE (See page 72-22 )  
POWER SEAT TYPE (See page 72-12 )  
FOLD FLAT TYPE (See page 72-30 )
- 21. INSPECT PARKING BRAKE PEDAL TRAVEL(See page 33-2 )**
- 22. ADJUST PARKING BRAKE PEDAL TRAVEL(See page 33-2 )**

## REPLACEMENT

### HINT:

For the parking brake cable assy No.2, perform the same procedure to the parking brake cable assy No.3.

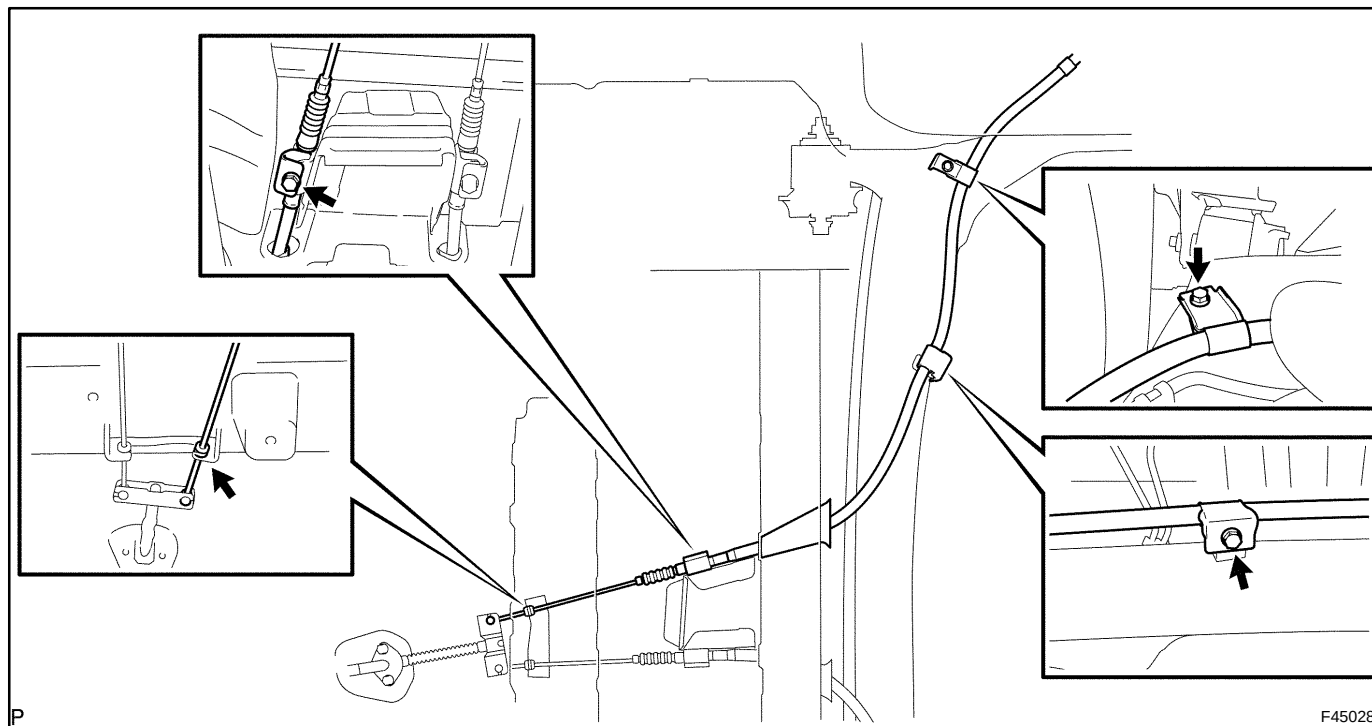
1. **REMOVE REAR WHEEL**
2. **REMOVE REAR BRAKE DRUM SUB-ASSY (DRUM REAR BRAKE TYPE) (See page 32-29 )**
3. **REMOVE FRONT BRAKE SHOE (DRUM REAR BRAKE TYPE) (See page 32-29 )**  
SST 09703-30010, 09718-00010
4. **REMOVE REAR BRAKE SHOE (DRUM REAR BRAKE TYPE) (See page 32-29 )**  
SST 09718-00010
5. **SEPARATE REAR DISC BRAKE CALIPER ASSY LH (DISC REAR BRAKE TYPE) (See page 32-37 )**
6. **REMOVE REAR DISC (DISC REAR BRAKE TYPE) (See page 33-17 )**
7. **REMOVE PARKING BRAKE SHOE ASSY LH NO.1 (DISC REAR BRAKE TYPE) (See page 33-17 )**
8. **REMOVE PARKING BRAKE SHOE ADJUSTING SCREW SET (DISC REAR BRAKE TYPE) (See page 33-17 )**
9. **REMOVE PARKING BRAKE SHOE STRUT LH (DISC REAR BRAKE TYPE) (See page 33-17 )**
10. **REMOVE PARKING BRAKE SHOE ASSY LH NO.2 (DISC REAR BRAKE TYPE) (See page 33-17 )**



11. **SEPARATE PARKING BRAKE CABLE ASSY NO.3**
  - (a) Remove the 2 bolts, and disconnect the parking brake cable No.3 from the backing plate.

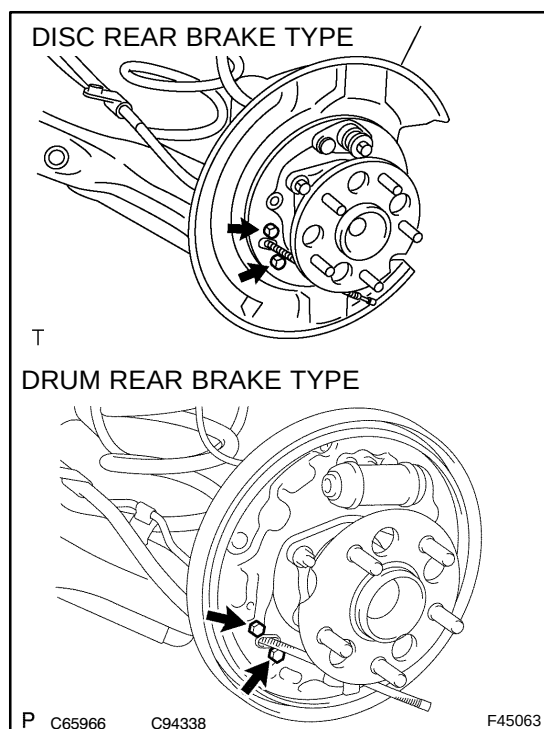
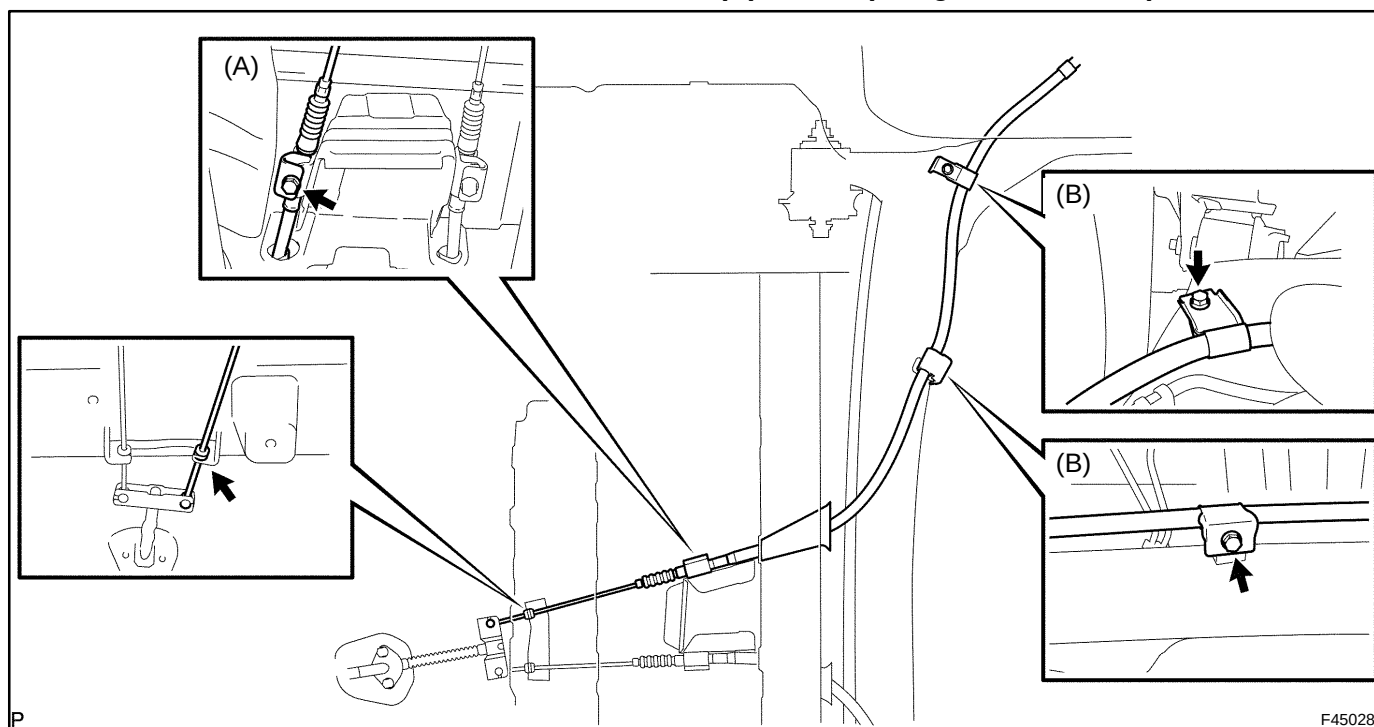
**12. REMOVE PARKING BRAKE CABLE ASSY NO.3**

- (a) Remove the 3 bolts and the button to disconnect the parking brake cable No.3 from the body.
- (b) Disconnect the parking brake cable No.3 from the parking brake equalizer, and remove the parking brake cable No.3.
- (c) Remove the parking brake cable LH guide from the parking brake cable assy No.3.



**13. INSTALL PARKING BRAKE CABLE ASSY NO.3**

- (a) Install the parking brake cable LH guide to the parking brake cable assy No.3.
- (b) Connect the parking brake cable No.3 to the parking brake cable equalizer.
- (c) Install the parking brake cable No.3 with the 3 bolts and button.

**Torque:****Bolt (A): 5.4 N·m (55 kgf·cm, 48 in.·lbf)****Bolt (B): 8 N·m (82 kgf·cm, 71 in.·lbf)****14. CONNECT PARKING BRAKE CABLE ASSY NO.3**

- (a) Install the parking brake cable No.3 with the 2 bolts to the backing plate.

**Torque: 8 N·m (82 kgf·cm, 71 in.·lbf)**

15. APPLICATION HIGH TEMPERATURE GREASE (DRUM REAR BRAKE TYPE)  
(See page 32-29 )
16. INSTALL REAR BRAKE SHOE (DRUM REAR BRAKE TYPE) (See page 32-29 )  
SST 09718-00010
17. INSTALL FRONT BRAKE SHOE (DRUM REAR BRAKE TYPE) (See page 32-29 )  
SST 09703-30010, 09718-00010
18. CHECK REAR DRUM BRAKE INSTALLATION (DRUM REAR BRAKE TYPE)  
(See page 32-29 )
19. INSTALL REAR BRAKE DRUM SUB-ASSY (DRUM REAR BRAKE TYPE)  
(See page 32-29 )
20. ADJUST REAR DRUM BRAKE SHOE CLEARANCE (DRUM REAR BRAKE TYPE)  
(See page 32-29 )
21. INSPECT AND ADJUST PARKING BRAKE PEDAL TRAVEL (DRUM REAR BRAKE TYPE)  
(See page 32-29 )
22. APPLY HIGH TEMPERATURE GREASE (DISC REAR BRAKE TYPE) (See page 33-17 )
23. INSTALL PARKING BRAKE SHOE ASSY LH NO.2 (DISC REAR BRAKE TYPE)  
(See page 33-17 )
24. INSTALL PARKING BRAKE SHOE ADJUSTING SCREW SET (DISC REAR BRAKE TYPE)  
(See page 33-17 )
25. INSTALL PARKING BRAKE SHOE STRUT LH (DISC REAR BRAKE TYPE)(See page 33-17 )
26. INSTALL PARKING BRAKE SHOE ASSY LH NO.1 (DISC REAR BRAKE TYPE)  
(See page 33-17 )
27. CHECK PARKING BRAKE INSTALLATION (DISC REAR BRAKE TYPE) (See page 33-17 )
28. INSTALL REAR DISC (DISC REAR BRAKE TYPE) (See page 33-17 )
29. ADJUST PARKING BRAKE SHOE CLEARANCE (DISC REAR BRAKE TYPE) (See page 33-17 )
30. CONNECT REAR DISC BRAKE CALIPER ASSY LH (DISC REAR BRAKE TYPE)  
(See page 33-17 )
31. INSTALL REAR WHEEL  
Torque: 103 N·m (1,050 kgf·cm, 76 ft·lbf)
32. INSPECT PARKING BRAKE PEDAL TRAVEL (See page 33-2 )
33. ADJUST PARKING BRAKE PEDAL TRAVEL (See page 33-2 )