

PARKING BRAKE SYSTEM

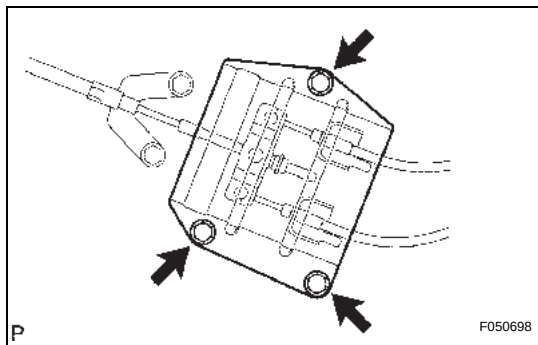
PROBLEM SYMPTOMS TABLE

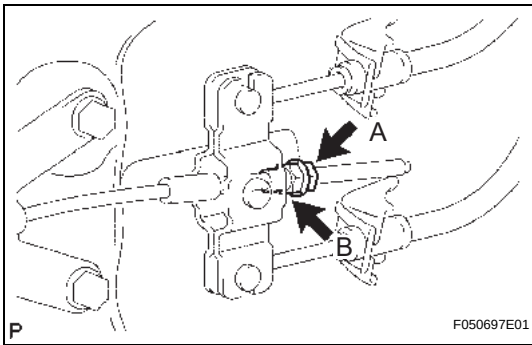
HINT:
Use the table below to help you find the cause of the problem.
The numbers indicate the ranked order of probability of each of the possible causes. Check each part in the order suggested. If necessary, replace these parts.

Symptom	Suspected area	See page
Brake drag	1. Parking brake pedal travel (Out of adjustment) (Automatic Transmission)	PB-2
	2. Parking brake lever travel (Out of adjustment) (Manual Transmission)	PB-2
	3. Parking brake wire (Sticking)	PB-18
	4. Parking brake shoe clearance (Out of adjustment)	BR-74
	5. Parking brake shoe lining (Cracked or distorted)	BR-70
	6. Tension or return spring (Damaged)	BR-68

ADJUSTMENT

1. REMOVE REAR WHEEL
2. ADJUST REAR DRUM BRAKE SHOE CLEARANCE
(See page [BR-74](#))
3. INSTALL REAR WHEEL
Torque: 113 N*m (1,152 kgf*cm, 83 ft.*lbf)
4. INSPECT PARKING BRAKE PEDAL TRAVEL (for Automatic Transmission)
 - (a) Slowly depress the parking brake pedal to the fully applied position, and count the number of clicks.
Parking brake pedal travel at 300 N (31 kgf, 67 lbf):
7 to 10 clicks
5. INSPECT PARKING BRAKE LEVER TRAVEL (for Manual Transmission)
 - (a) Slowly pull the parking brake lever to the fully applied position, and count the number of clicks.
Parking brake lever travel at 200 N (20 kgf, 45 lbf):
7 to 10 clicks
6. REMOVE CONSOLE UPPER REAR PANEL SUB-ASSEMBLY (for Automatic Transmission on Separate Seat Type) (See page [IP-9](#))
7. REMOVE CONSOLE UPPER REAR PANEL SUB-ASSEMBLY (for Manual Transmission on Separate Seat Type) (See page [IP-9](#))
8. REMOVE CONSOLE BOX ASSEMBLY REAR (for Separate Seat Type) (See page [IP-10](#))
9. REMOVE PARKING BRAKE CABLE JOINT PROTECTOR (for Bench Seat Type)
 - (a) Slide the seat to the rearmost position.
 - (b) Pull up the floor carpet around the cable joint protector, along its seams.
 - (c) Remove the 3 bolts and parking brake cable joint protector.
10. ADJUST PARKING BRAKE PEDAL TRAVEL (for Automatic Transmission)
 - (a) Confirm that the parking brake pedal is released.

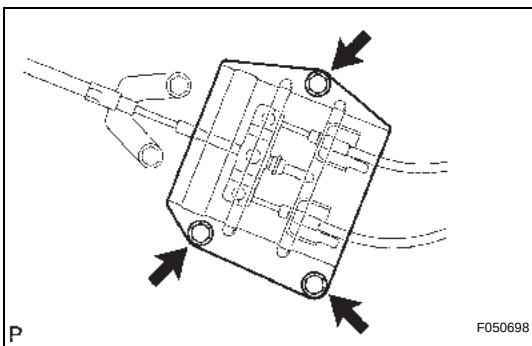
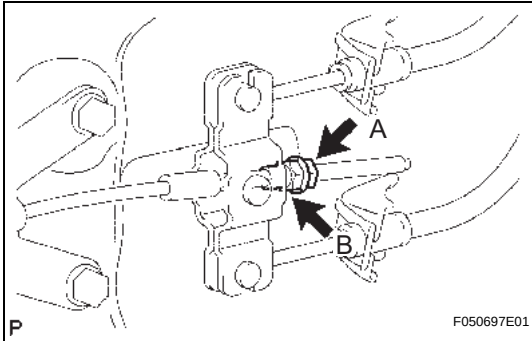




- (b) Loosen the lock nut A and turn the adjusting nut B until the parking brake pedal travel is corrected to the specified value.
- (c) Tighten the lock nut.
- Torque: 13 N*m (127 kgf*cm, 9 ft.*lbf)**
- (d) Check whether the parking brake drags or not.
- (e) When operating the parking brake pedal, check that the parking brake pedal indicator light comes on.

11. ADJUST PARKING BRAKE LEVER TRAVEL (for Manual Transmission)

- (a) Confirm that the parking brake lever is released.
- (b) Loosen the lock nut A and turn the adjusting nut B until the parking brake lever travel is corrected to the specified value.
- (c) Tighten the lock nut.
- Torque: 13 N*m (127 kgf*cm, 9 ft.*lbf)**
- (d) Check whether the parking brake drags or not.
- (e) When operating the parking brake lever, check that the parking brake lever indicator light comes on.



12. INSTALL PARKING BRAKE CABLE JOINT PROTECTOR (for Bench Seat Type)

- (a) Install the 3 bolts and parking brake cable joint protector.
- Torque: 13 N*m (127 kgf*cm, 9 ft.*lbf)**
- (b) Return the floor carpet to its original position.
- (c) Return the seat to its original position.

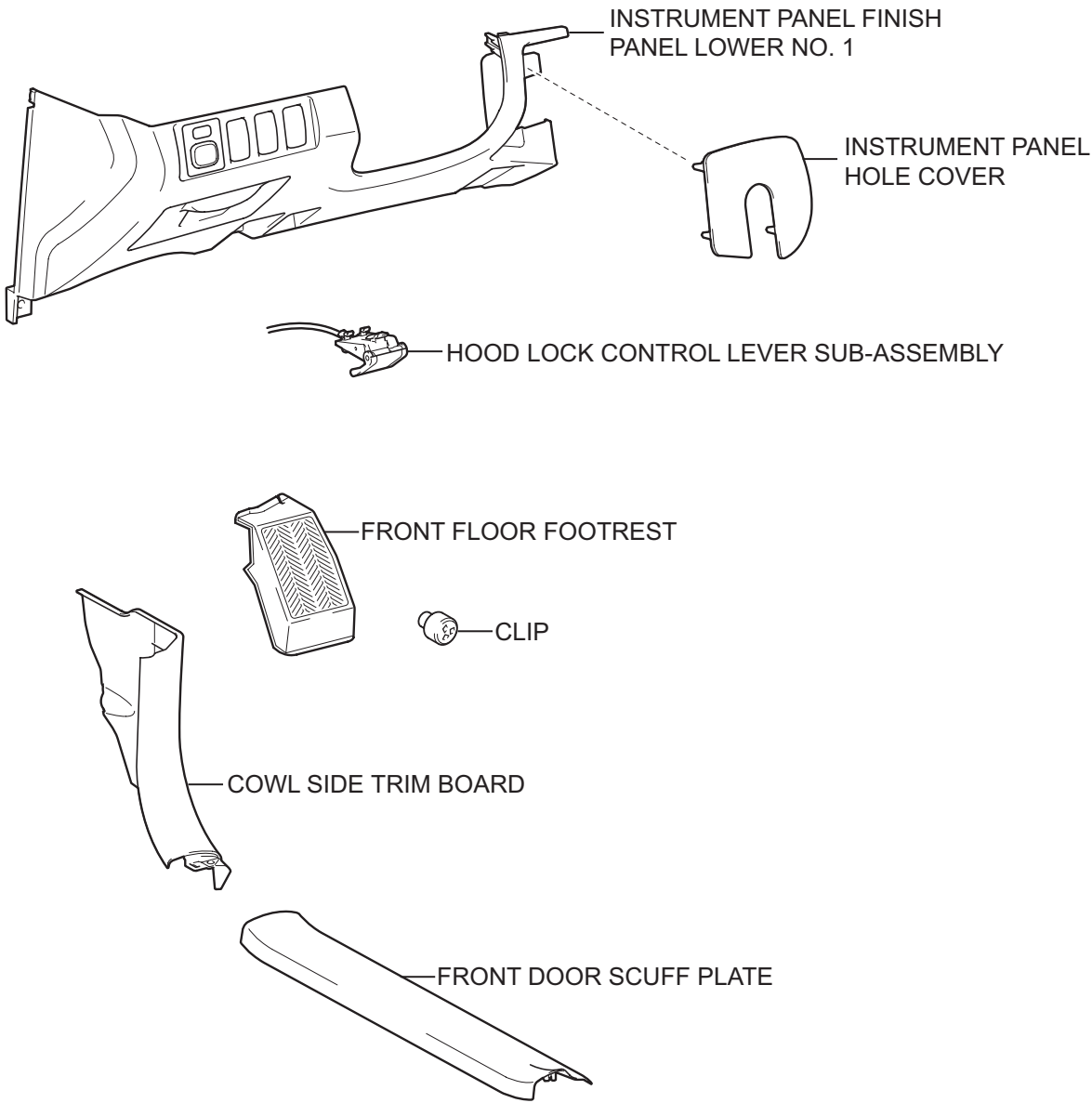
13. INSTALL CONSOLE BOX ASSEMBLY REAR (for Separate Seat Type) (See page [IP-24](#))

14. INSTALL CONSOLE UPPER REAR PANEL SUB-ASSEMBLY (for Automatic Transmission on Separate Seat Type) (See page [IP-25](#))

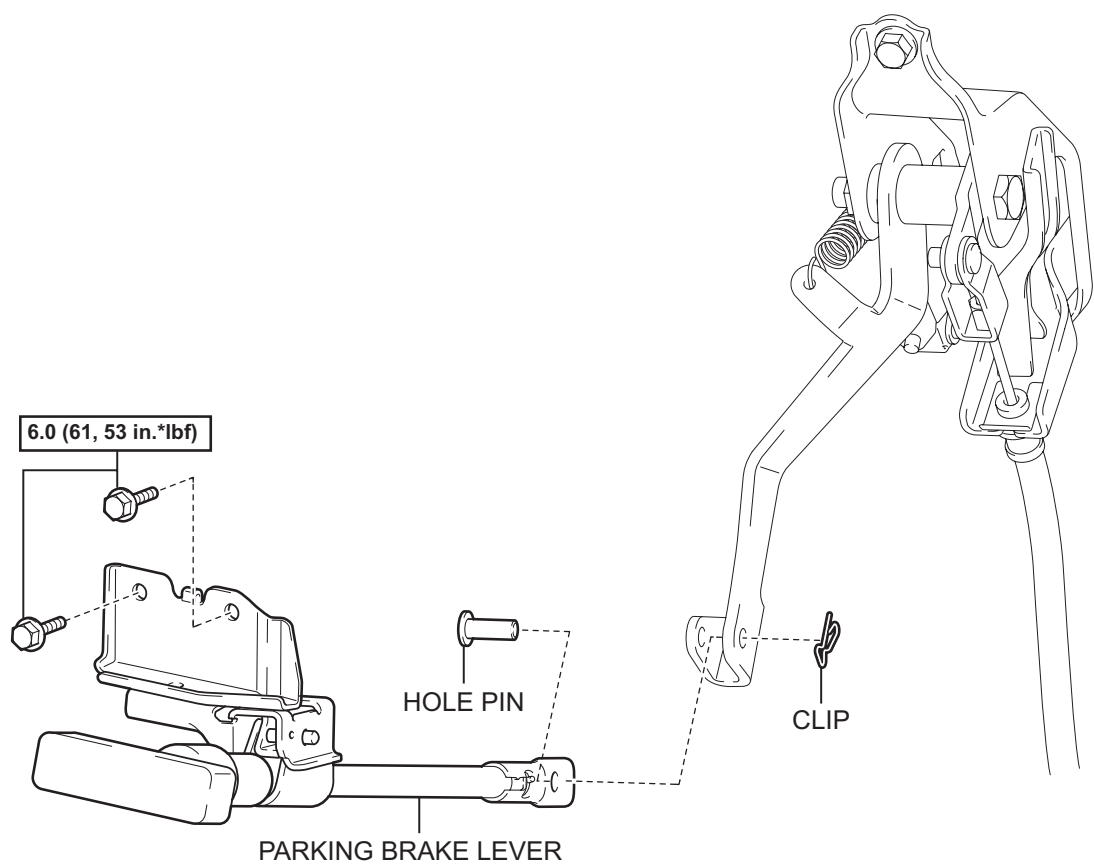
15. INSTALL CONSOLE UPPER REAR PANEL SUB-ASSEMBLY (for Manual Transmission on Separate Seat Type) (See page [IP-25](#))

PARKING BRAKE LEVER (for Manual Transmission)

COMPONENTS



PB

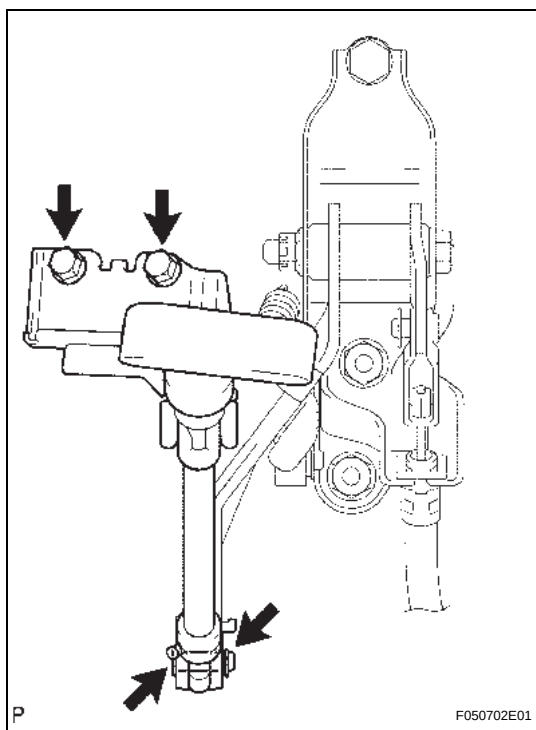


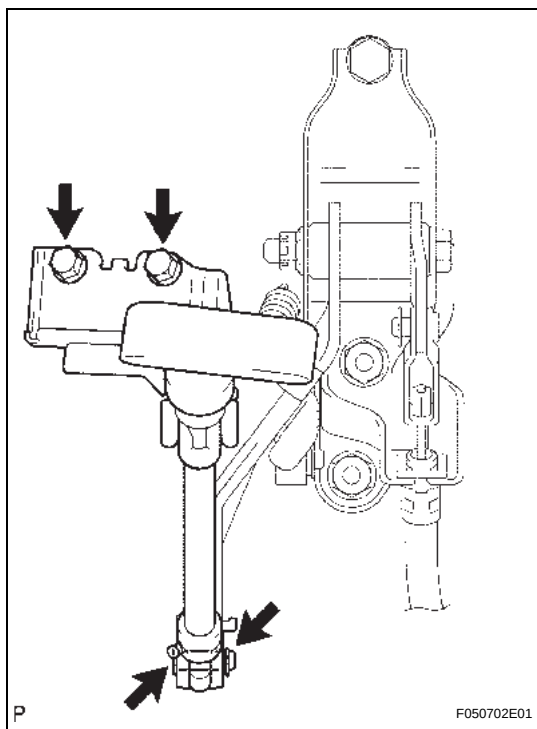
PB

N*m (kgf*cm, ft*lbf) : Specified torque

REMOVAL

1. DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL
2. REMOVE FRONT DOOR SCUFF PLATE (for Regular Cab) (See page [IR-40](#))
3. REMOVE FRONT DOOR SCUFF PLATE (for Access Cab) (See page [IR-61](#))
4. REMOVE FRONT DOOR SCUFF PLATE (for Double Cab) (See page [IR-12](#))
5. REMOVE FRONT FLOOR FOOTREST (See page [IR-1](#))
6. REMOVE COWL SIDE TRIM BOARD (for Regular Cab) (See page [IR-40](#))
7. REMOVE COWL SIDE TRIM BOARD (for Access Cab) (See page [IR-61](#))
8. REMOVE COWL SIDE TRIM BOARD (for Double Cab) (See page [IR-12](#))
9. REMOVE INSTRUMENT PANEL HOLE COVER (See page [IP-9](#))
10. SEPARATE HOOD LOCK CONTROL LEVER SUB-ASSEMBLY (See page [ED-3](#))
11. REMOVE INSTRUMENT PANEL FINISH PANEL LOWER NO. 1 (See page [IP-12](#))
12. REMOVE PARKING BRAKE LEVER
 - (a) Release the parking brake lever.
 - (b) Remove the clip and pin and separate the sleeve.
 - (c) Remove the 2 bolts and parking brake lever assembly.





INSTALLATION

1. INSTALL PARKING BRAKE LEVER

- (a) Install the parking brake lever assembly with the 2 bolts.

Torque: 6.0 N*m (61 kgf*cm, 53 in.*lbf)

- (b) Install the sleeve with the pin and clip.

2. INSTALL INSTRUMENT PANEL FINISH PANEL LOWER NO. 1 (See page [IP-22](#))

3. INSTALL HOOD LOCK CONTROL LEVER SUB-ASSEMBLY (See page [ED-8](#))

4. INSTALL INSTRUMENT PANEL HOLE COVER (See page [IP-25](#))

5. INSTALL COWL SIDE TRIM BOARD (for Regular Cab) (See page [IR-52](#))

6. INSTALL COWL SIDE TRIM BOARD (for Access Cab) (See page [IR-52](#))

7. INSTALL COWL SIDE TRIM BOARD (for Double Cab) (See page [IR-29](#))

8. INSTALL FRONT FLOOR FOOTREST (See page [IR-1](#))

9. INSTALL FRONT DOOR SCUFF PLATE (for Regular Cab) (See page [IR-52](#))

10. INSTALL FRONT DOOR SCUFF PLATE (for Access Cab) (See page [IR-75](#))

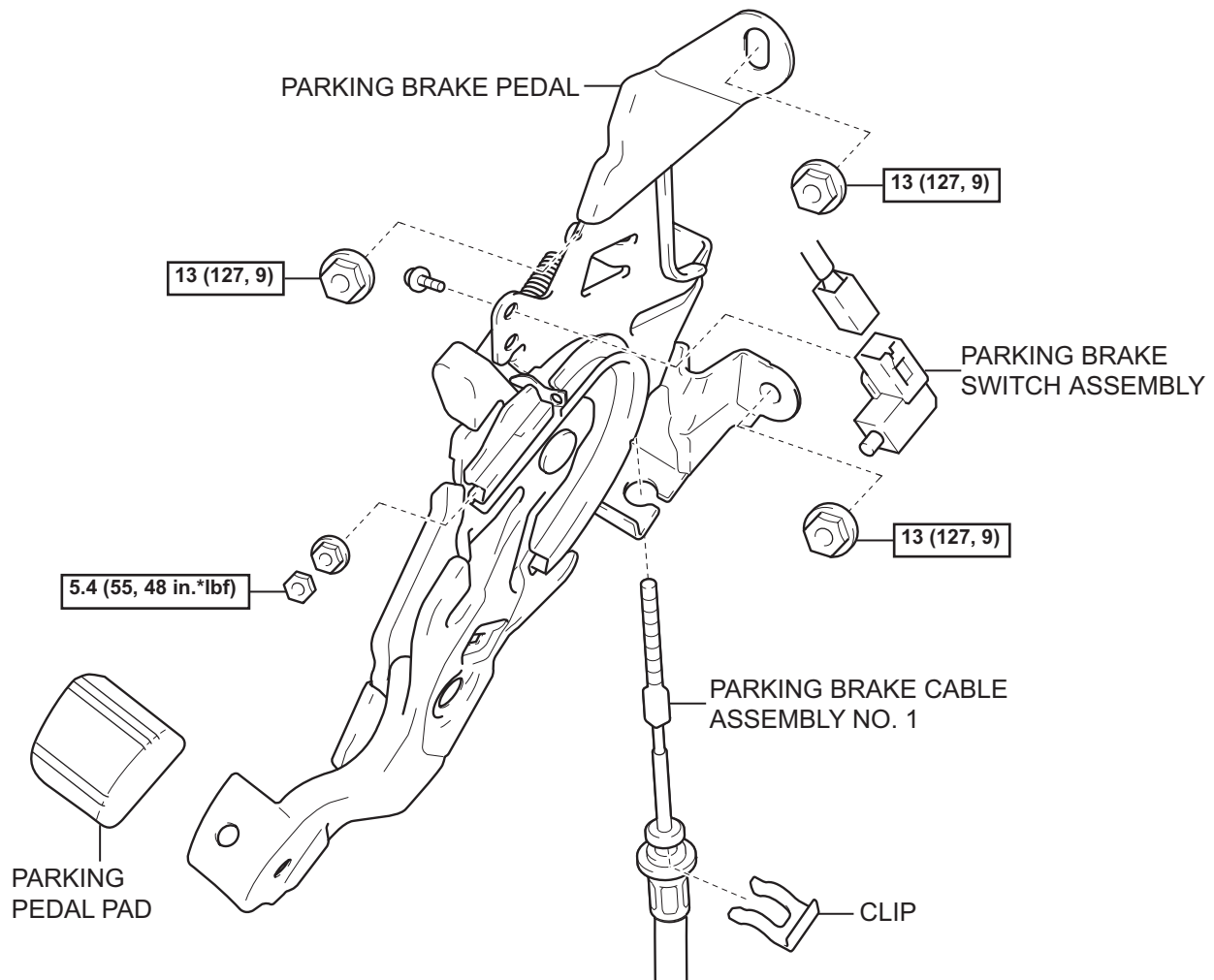
11. INSTALL FRONT DOOR SCUFF PLATE (for Double Cab) (See page [IR-29](#))

12. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL

Torque: 3.9 N*m (40 kgf*cm, 35 in.*lbf)
(See page [IN-5](#))

PARKING BRAKE PEDAL (for Automatic Transmission)

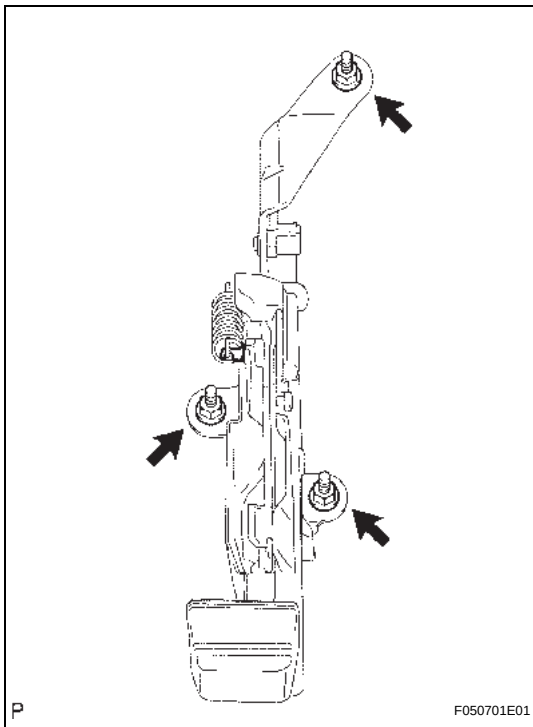
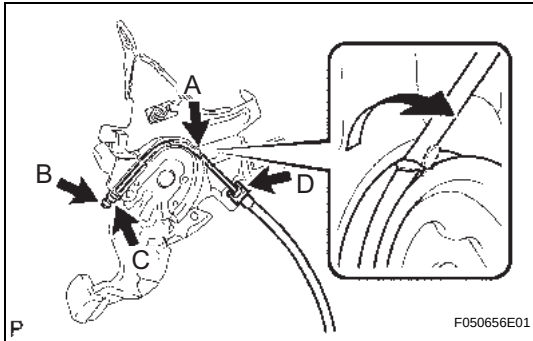
COMPONENTS



N*m (kgf*cm, ft*lbf) : Specified torque

REMOVAL

1. **DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL**
2. **REMOVE PARKING BRAKE CABLE ASSEMBLY NO. 1**
 - (a) Disengage the claw A.
 - (b) Remove the lock nut B, adjusting nut C, clip D and parking brake cable assembly No. 1.
3. **REMOVE PARKING BRAKE PEDAL**
 - (a) Release the parking brake pedal.
 - (b) Disconnect the parking brake switch connector.
 - (c) Remove the 3 nuts and parking brake control pedal assembly.
4. **REMOVE PARKING BRAKE SWITCH ASSEMBLY**
 - (a) Remove the screw and parking brake switch assembly.
5. **REMOVE PARKING PEDAL PAD**



INSTALLATION

1. INSTALL PARKING PEDAL PAD

2. INSTALL PARKING BRAKE SWITCH ASSEMBLY

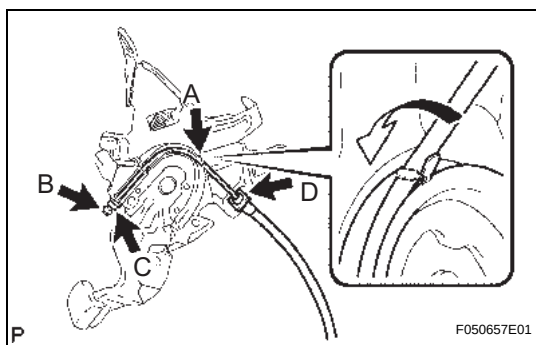
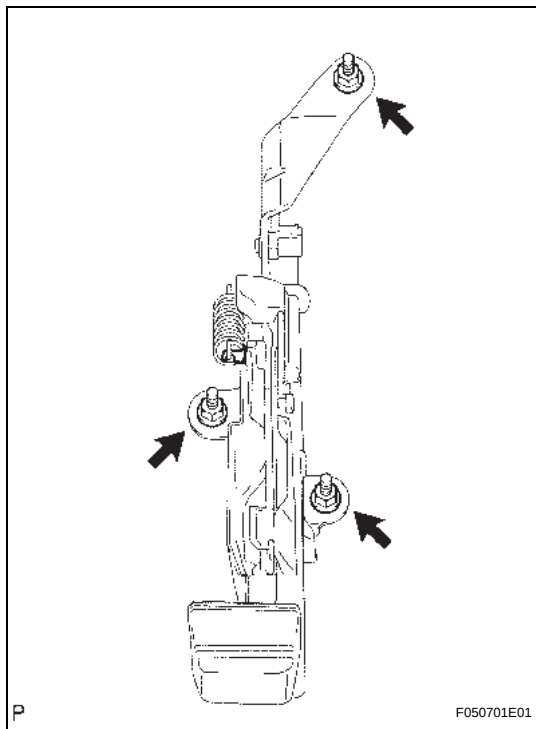
- Install the parking brake switch assembly with the screw.

3. INSTALL PARKING BRAKE PEDAL

- Install the parking brake control pedal assembly with the 3 nuts.

Torque: 13 N*m (127 kgf*cm, 9 ft.*lbf)

- Connect the parking brake switch connector.



4. INSTALL PARKING BRAKE CABLE ASSEMBLY NO. 1

- Install the parking brake cable assembly No. 1 with the clip D, adjusting nut C and lock nut B.

Torque: 5.4 N*m (55 kgf*cm, 48 in.*lbf)

- Bend the claw A.

5. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL

Torque: 3.9 N*m (40 kgf*cm, 35 in.*lbf)

(See page [IN-5](#))

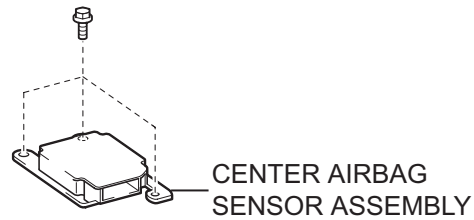
6. INSPECT PARKING BRAKE PEDAL TRAVEL (See page [PB-1](#))

7. ADJUST PARKING BRAKE PEDAL TRAVEL (See page [PB-2](#))

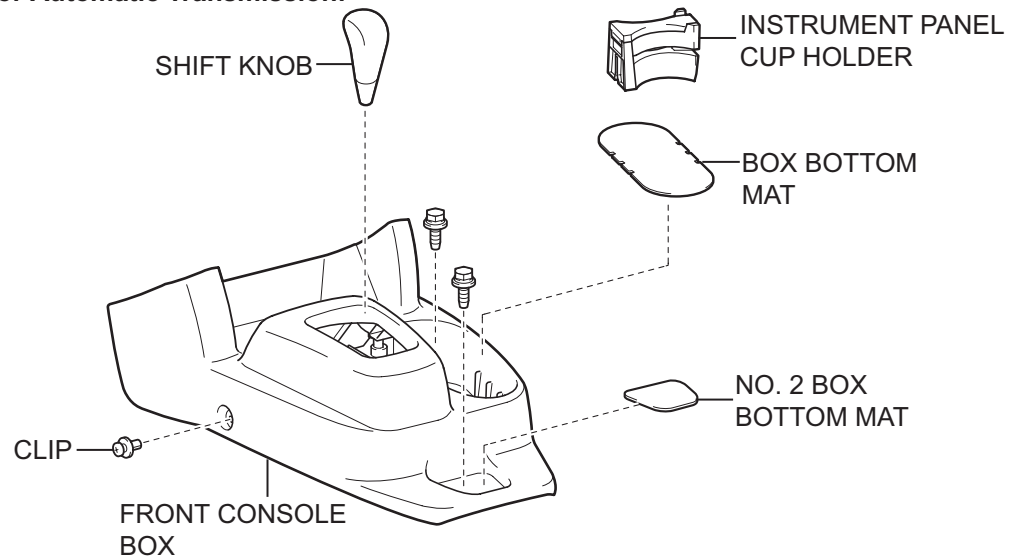
PARKING BRAKE CABLE

COMPONENTS

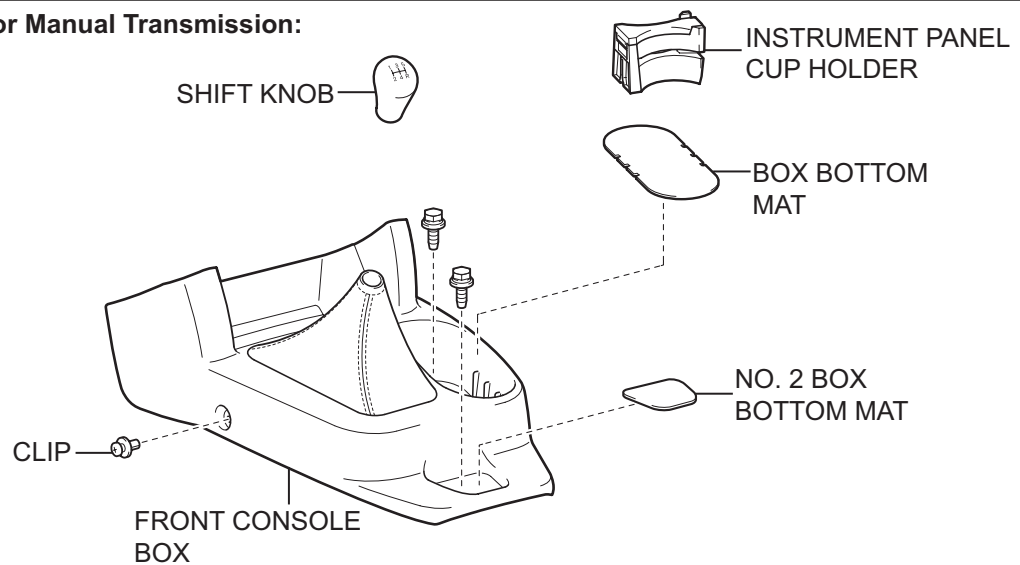
for Bench Seat Type:



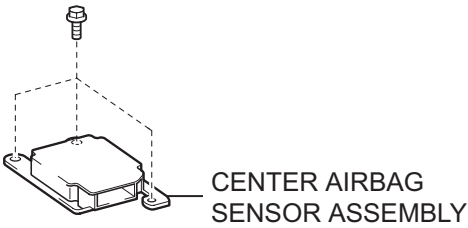
for Automatic Transmission:



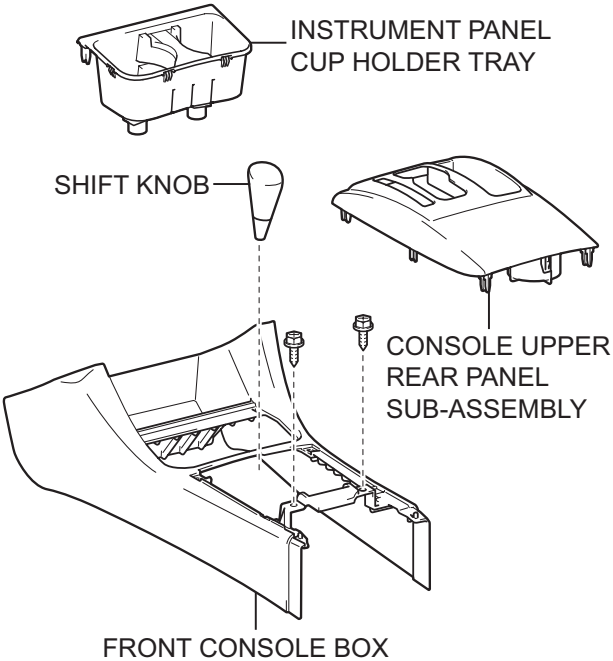
for Manual Transmission:



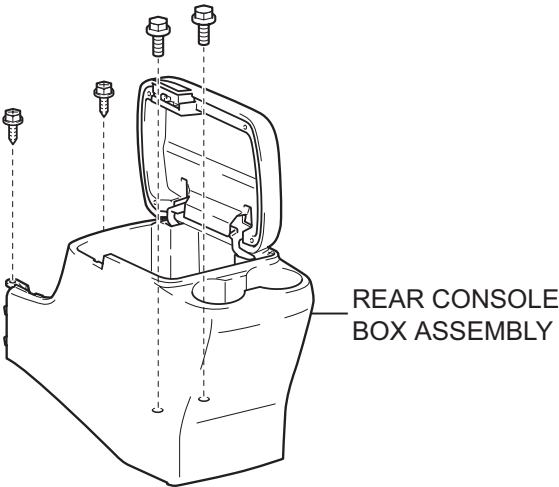
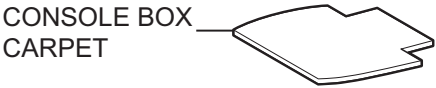
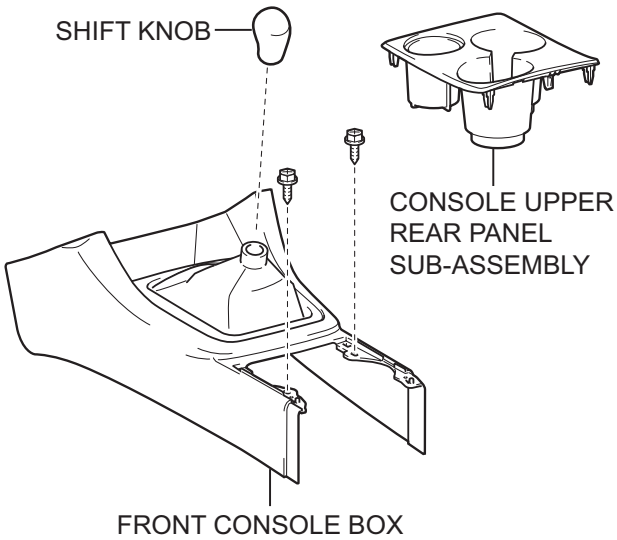
for Separate Seat Type:



for Automatic Transmission:



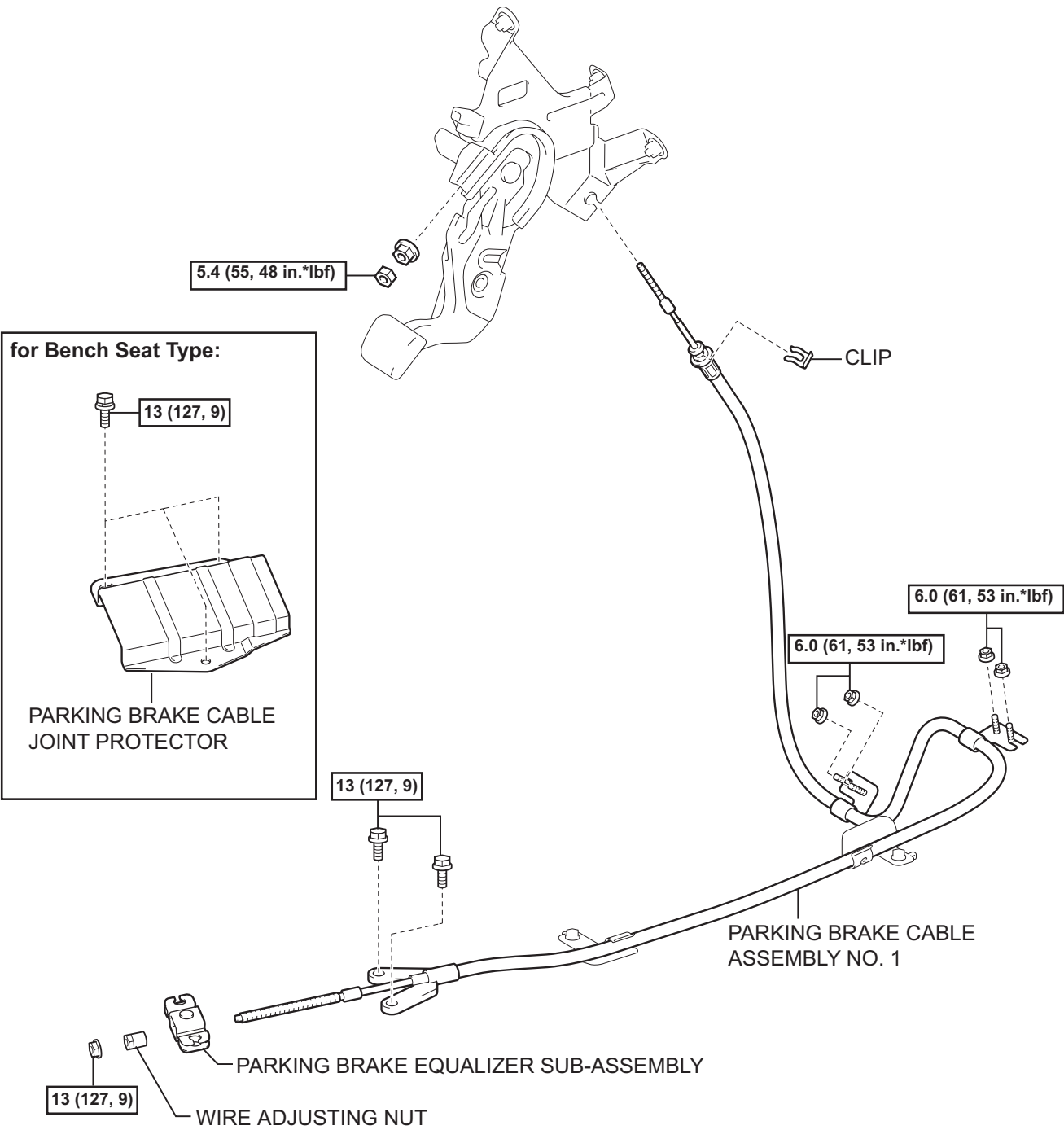
for Manual Transmission:



PB

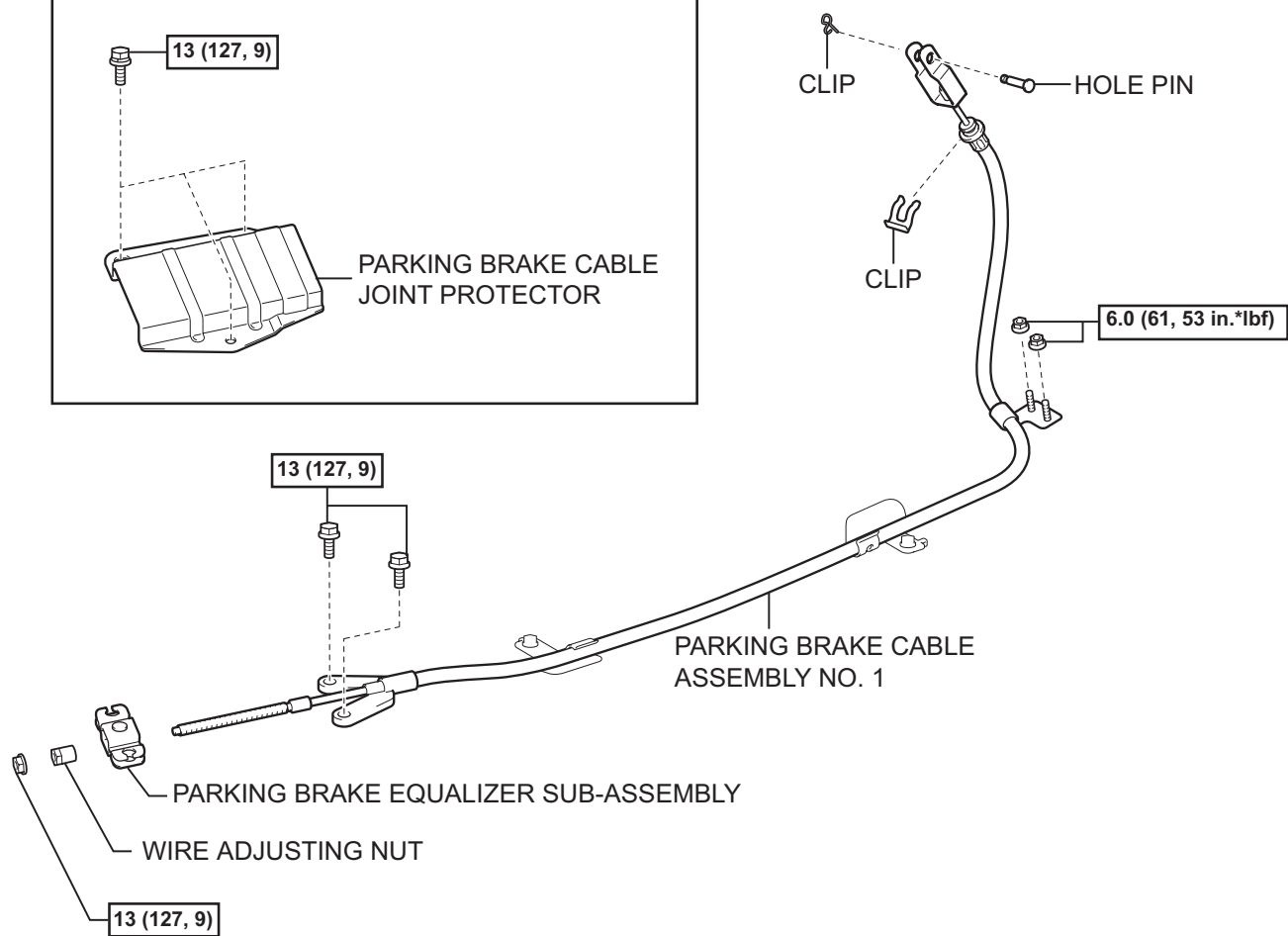
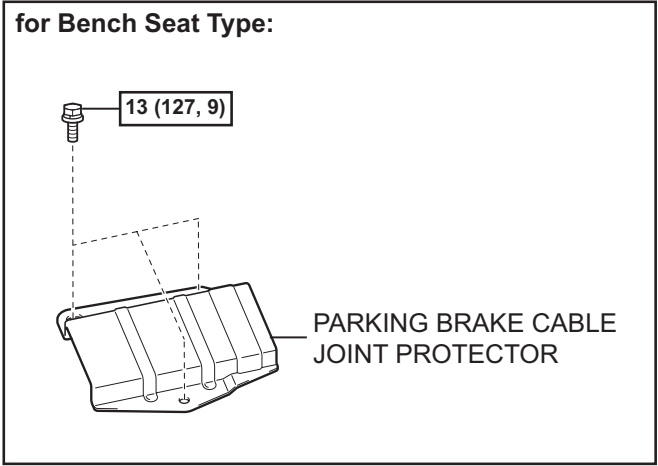
for Automatic Transmission:

for Bench Seat Type:



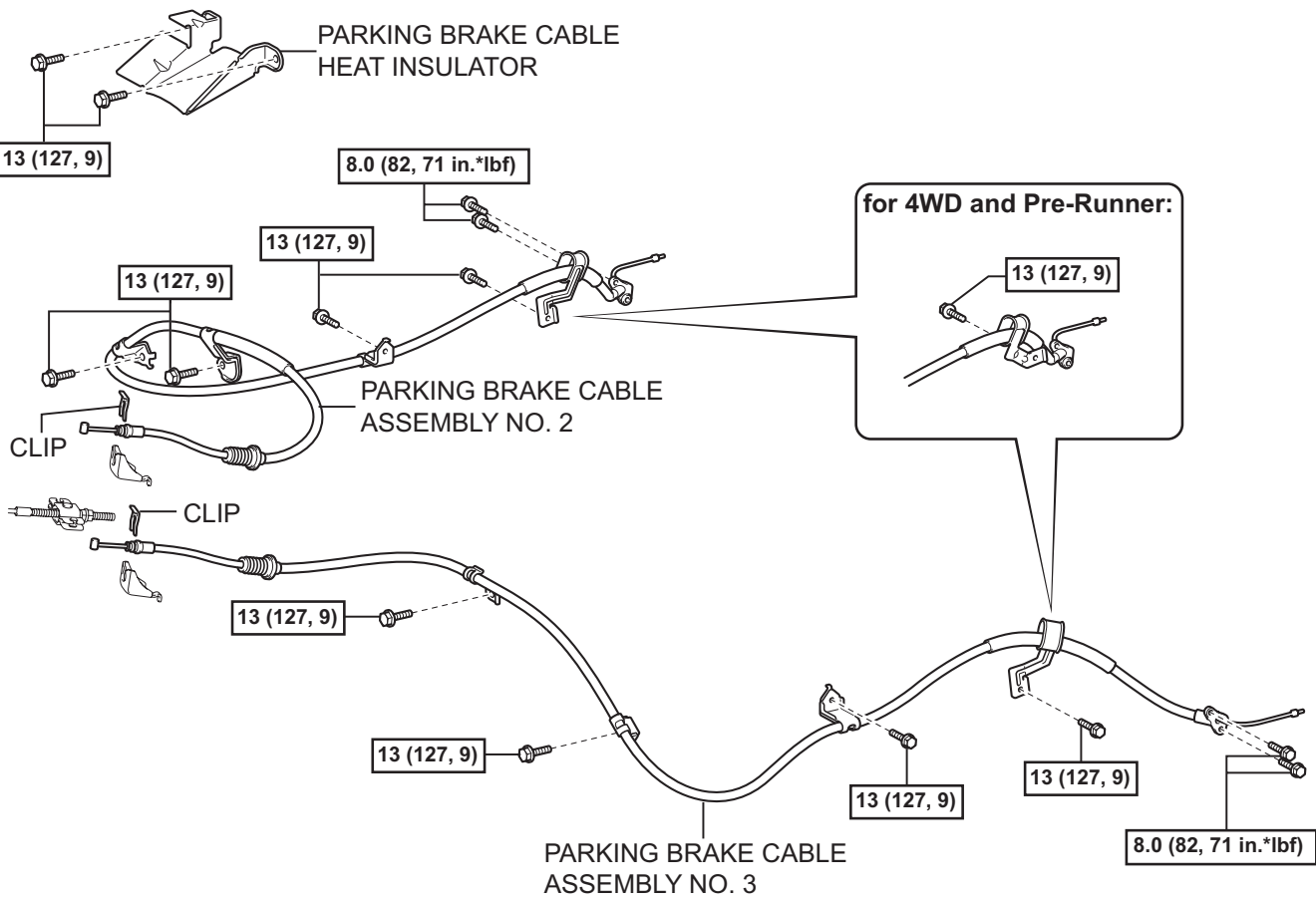
N*m (kgf*cm, ft*lbf) : Specified torque

for Manual Transmission:



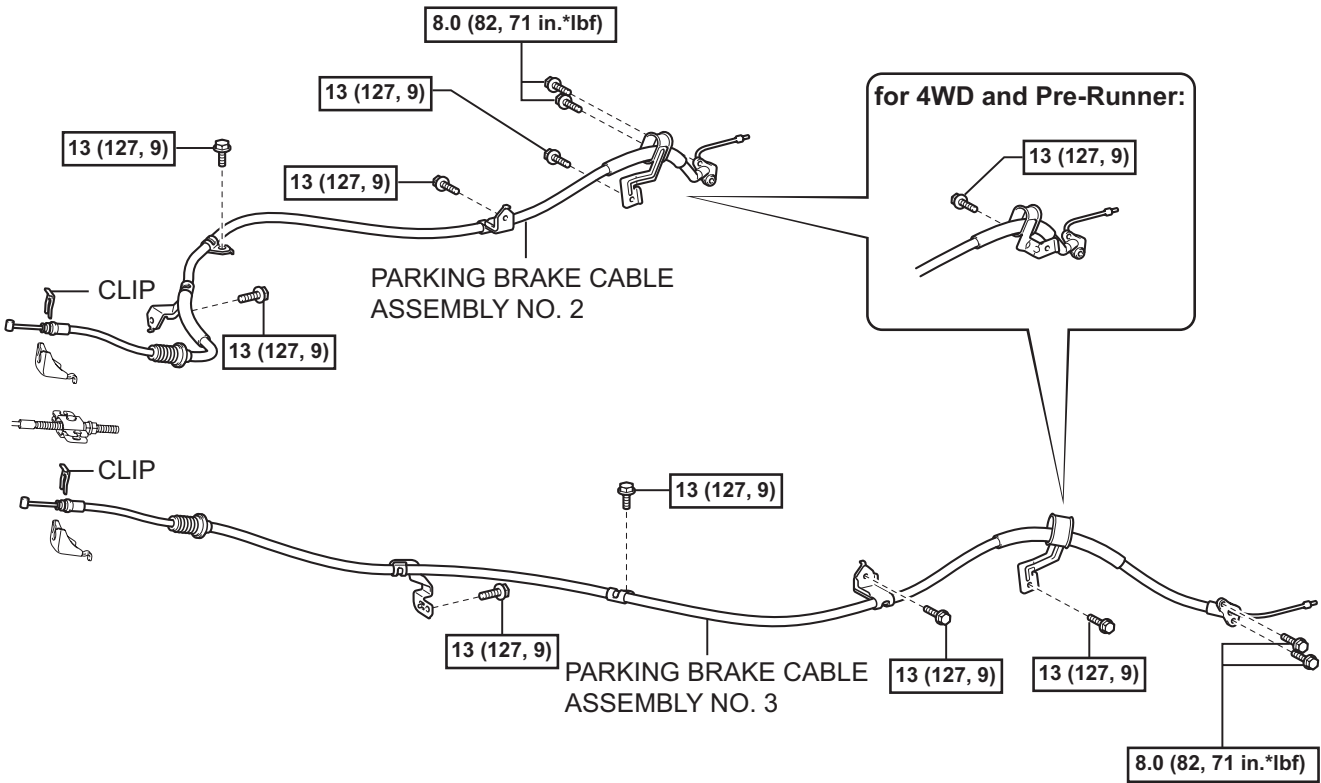
N*m (kgf*cm, ft*lbf) : Specified torque

for Short Wheel-base:



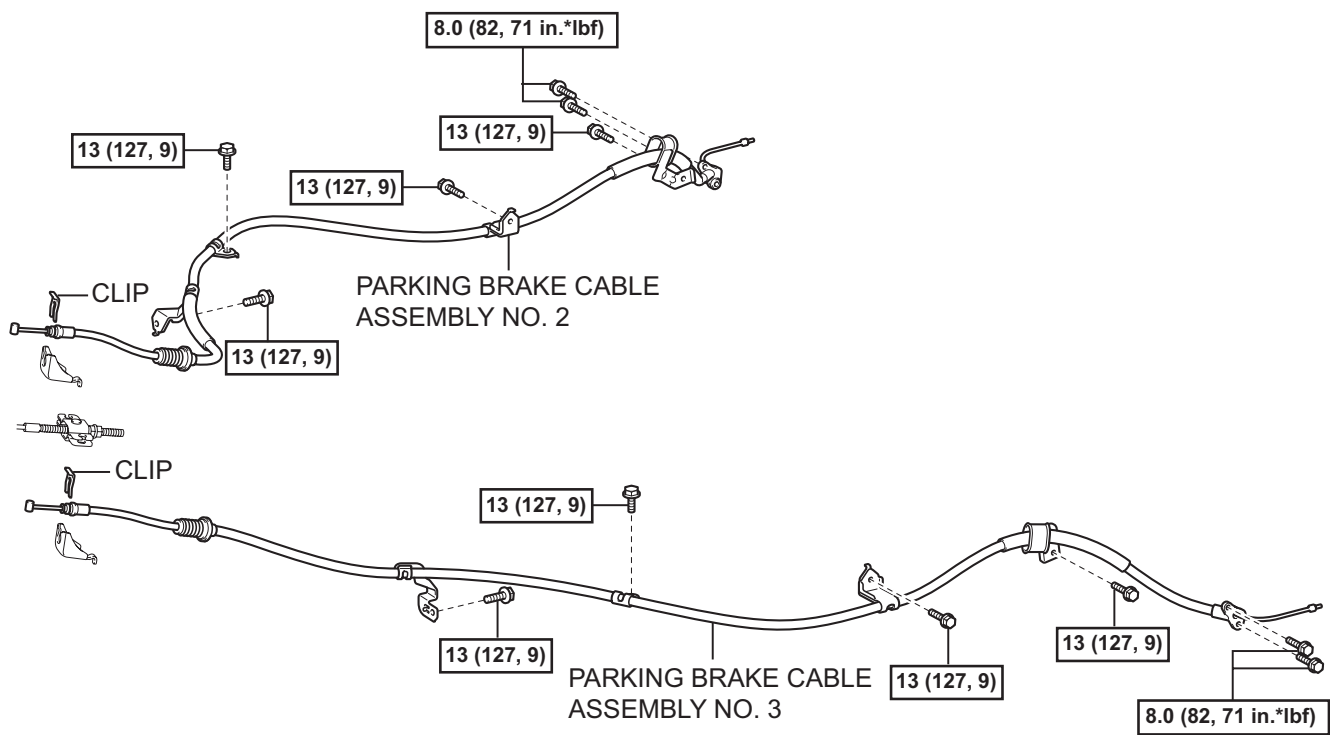
N*m (kgf*cm, ft*lbf) : Specified torque

for E-Long Wheel-base:



N*m (kgf*cm, ft*lbf) : Specified torque

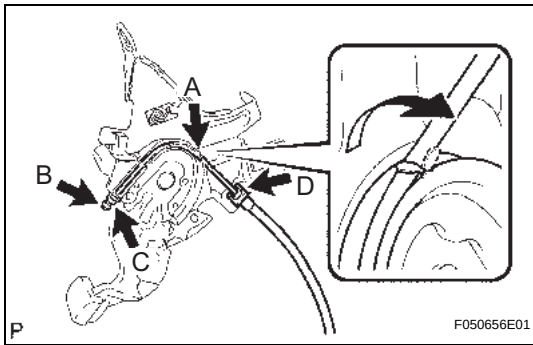
for S-Long Wheel-base:



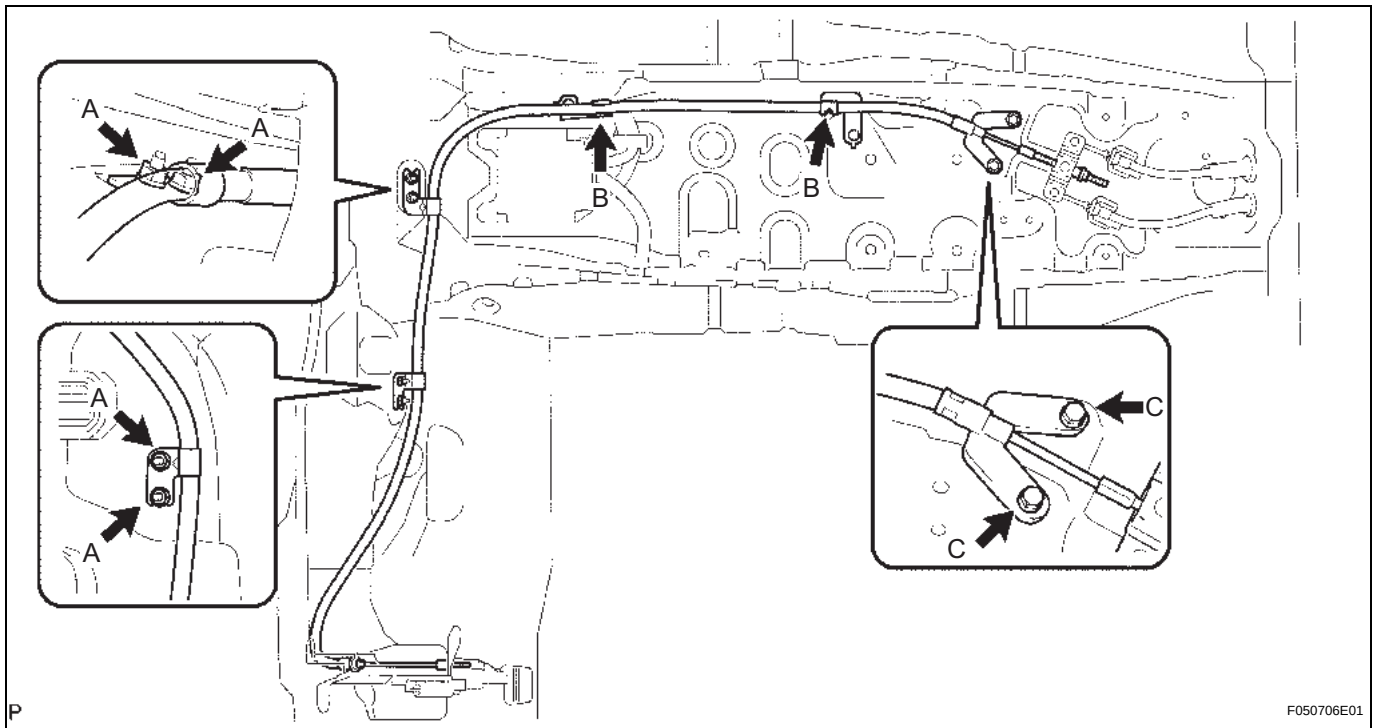
N*m (kgf*cm, ft*lbf) : Specified torque

REMOVAL

1. **PRECAUTION**
(See page [RS-1](#))
2. **DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL**
HINT:
Wait for at least 90 seconds after disconnecting the cable to prevent the airbag from working.
3. **REMOVE CONSOLE UPPER REAR PANEL SUB-ASSEMBLY** (for Automatic Transmission on Separate Seat Type) (See page [IP-9](#))
4. **REMOVE CONSOLE UPPER REAR PANEL SUB-ASSEMBLY** (for Manual Transmission on Separate Seat Type) (See page [IP-9](#))
5. **REMOVE REAR CONSOLE BOX ASSEMBLY** (for Separate Seat Type) (See page [IP-10](#))
6. **REMOVE INSTRUMENT PANEL CUP HOLDER TRAY** (for Automatic Transmission on Separate Seat Type) (See page [IP-10](#))
7. **REMOVE FRONT CONSOLE BOX** (for Automatic Transmission on Separate Seat Type) (See page [IP-10](#))
8. **REMOVE FRONT CONSOLE BOX** (for Manual Transmission on Separate Seat Type) (See page [IP-11](#))
9. **REMOVE FRONT CONSOLE BOX** (for Automatic Transmission on Bench Seat Type) (See page [IP-11](#))
10. **REMOVE FRONT CONSOLE BOX** (for Manual Transmission on Bench Seat Type) (See page [IP-11](#))
11. **REMOVE CENTER AIRBAG SENSOR ASSEMBLY** (See page [RS-603](#))
12. **REMOVE VOLTAGE INVERTER ASSEMBLY** (w/ Voltage Inverter) (See page [AV-104](#))
13. **REMOVE PARKING BRAKE CABLE JOINT PROTECTOR** (for Bench Seat Type) (See page [PB-2](#))
14. **REMOVE REAR WHEEL**
15. **REMOVE REAR BRAKE DRUM SUB-ASSEMBLY** (See page [BR-68](#))
16. **REMOVE FRONT BRAKE SHOE** (See page [BR-68](#))
17. **REMOVE REAR BRAKE SHOE** (See page [BR-69](#))
18. **REMOVE PARKING BRAKE CABLE ASSEMBLY NO. 1** (for Automatic Transmission)
 - (a) Release the parking brake.



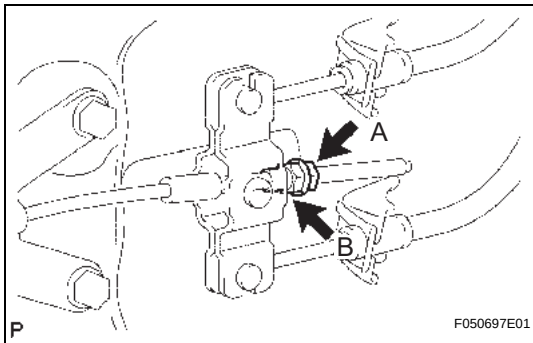
- (b) Disengage the claw A.
- (c) Remove the lock nut B, adjusting nut C and clip D and disconnect the parking brake cable from the parking brake control pedal.
- (d) Remove the 4 nuts A, 2 clamps B and 2 bolts C from the parking brake cable.

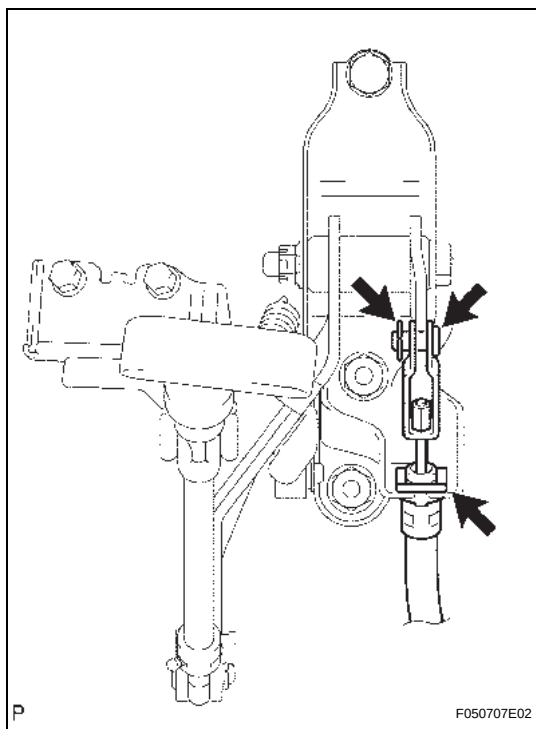


- (e) Remove the lock nut A, adjusting nut B and parking brake cable from the parking brake equalizer.

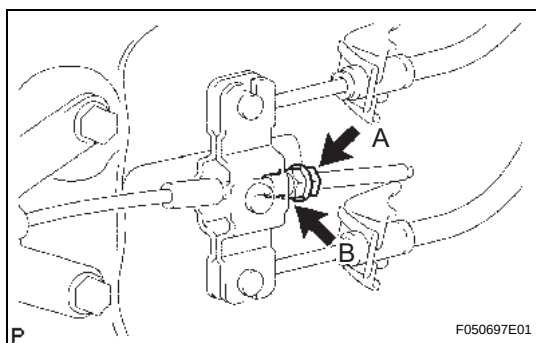
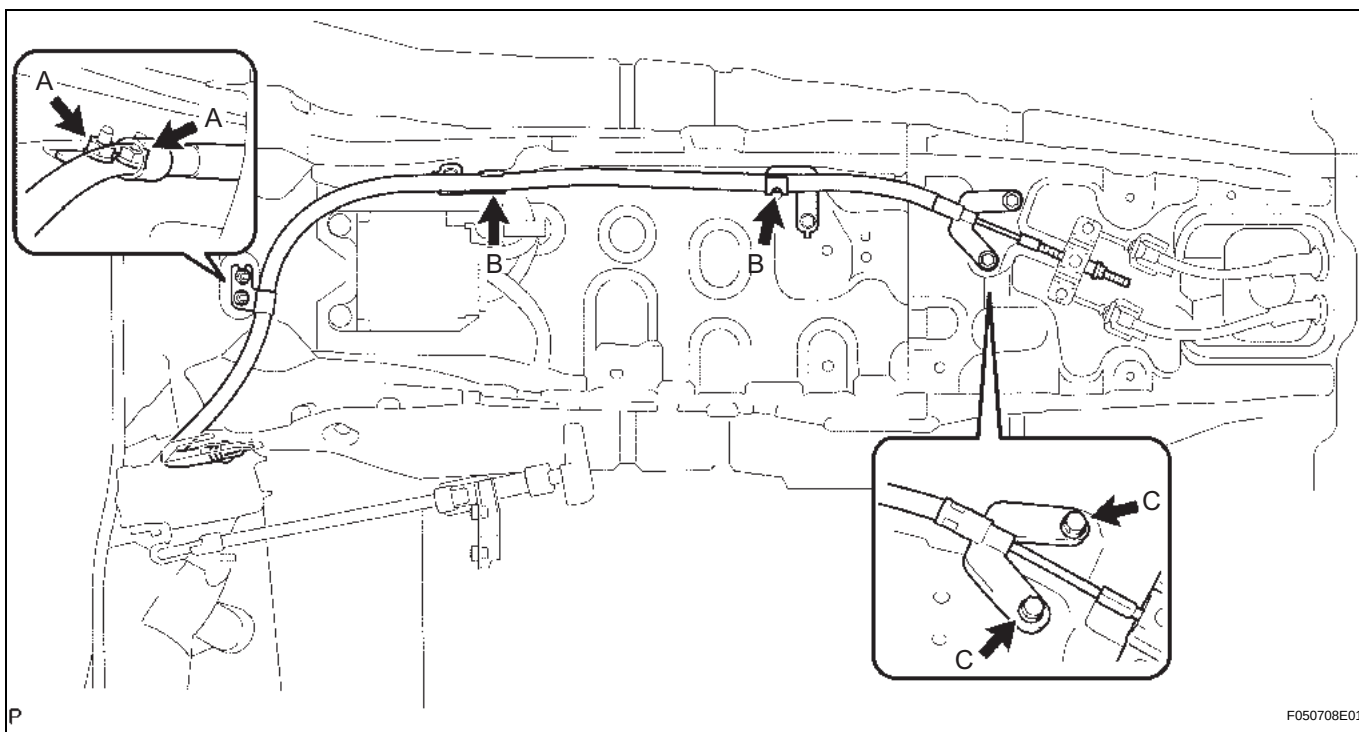
19. REMOVE PARKING BRAKE CABLE ASSEMBLY NO. 1 (for Manual Transmission)

- (a) Release the parking brake lever.

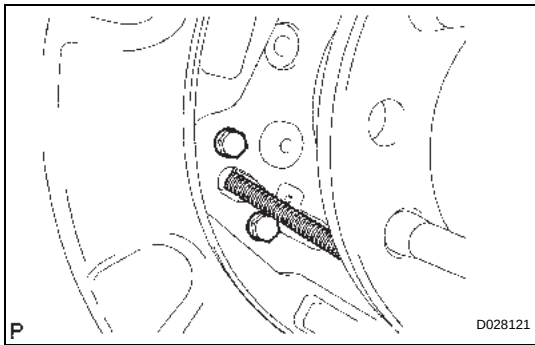




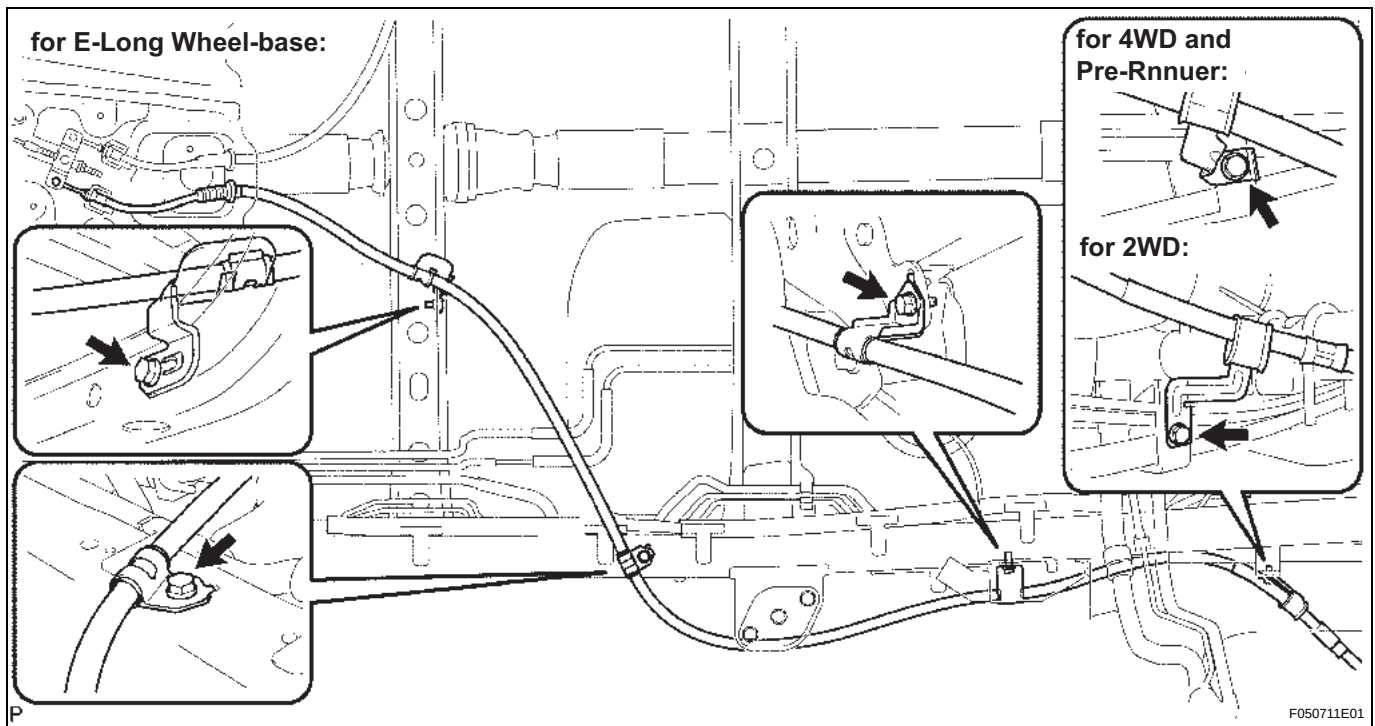
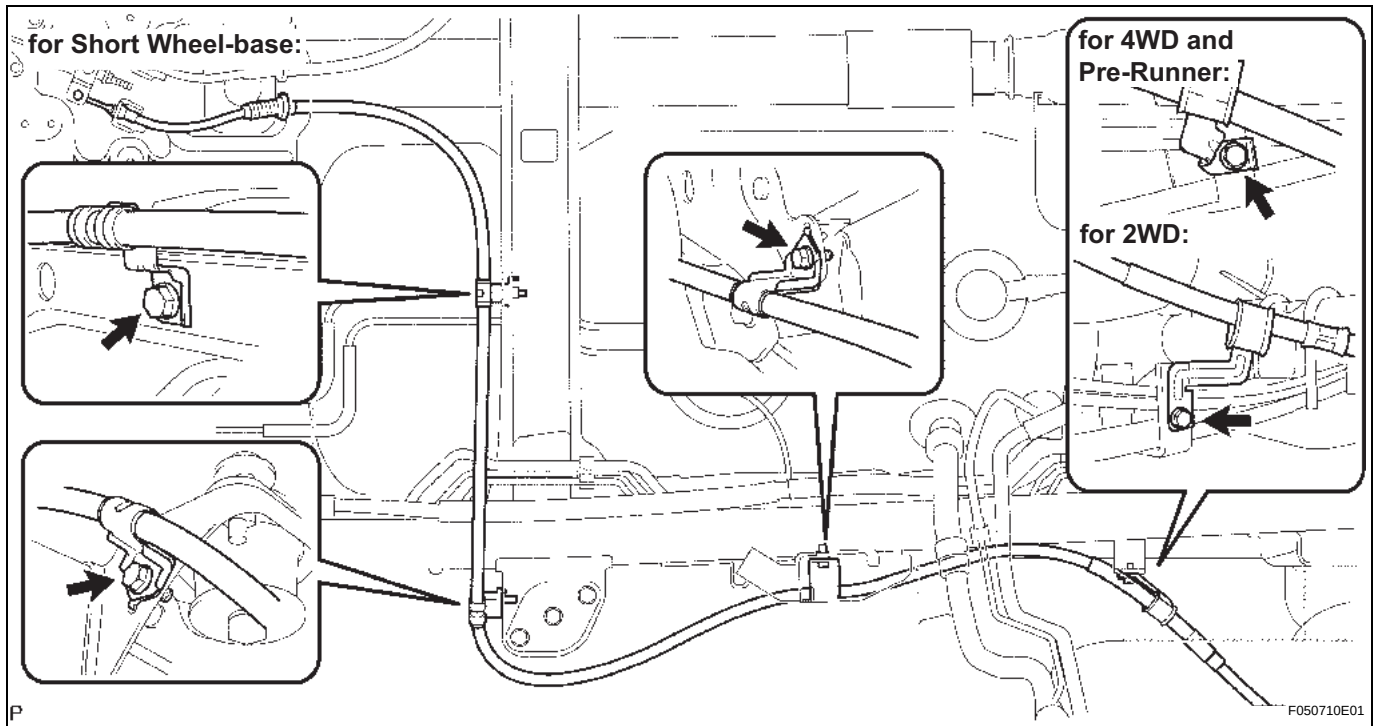
- (b) Disengage the clip, remove the pin and separate the sleeve.
- (c) Disengage the clip and disconnect the parking brake cable from the parking brake lever.
- (d) Remove the 2 nuts A, 2 clamps B and 2 bolts C from the parking brake cable.

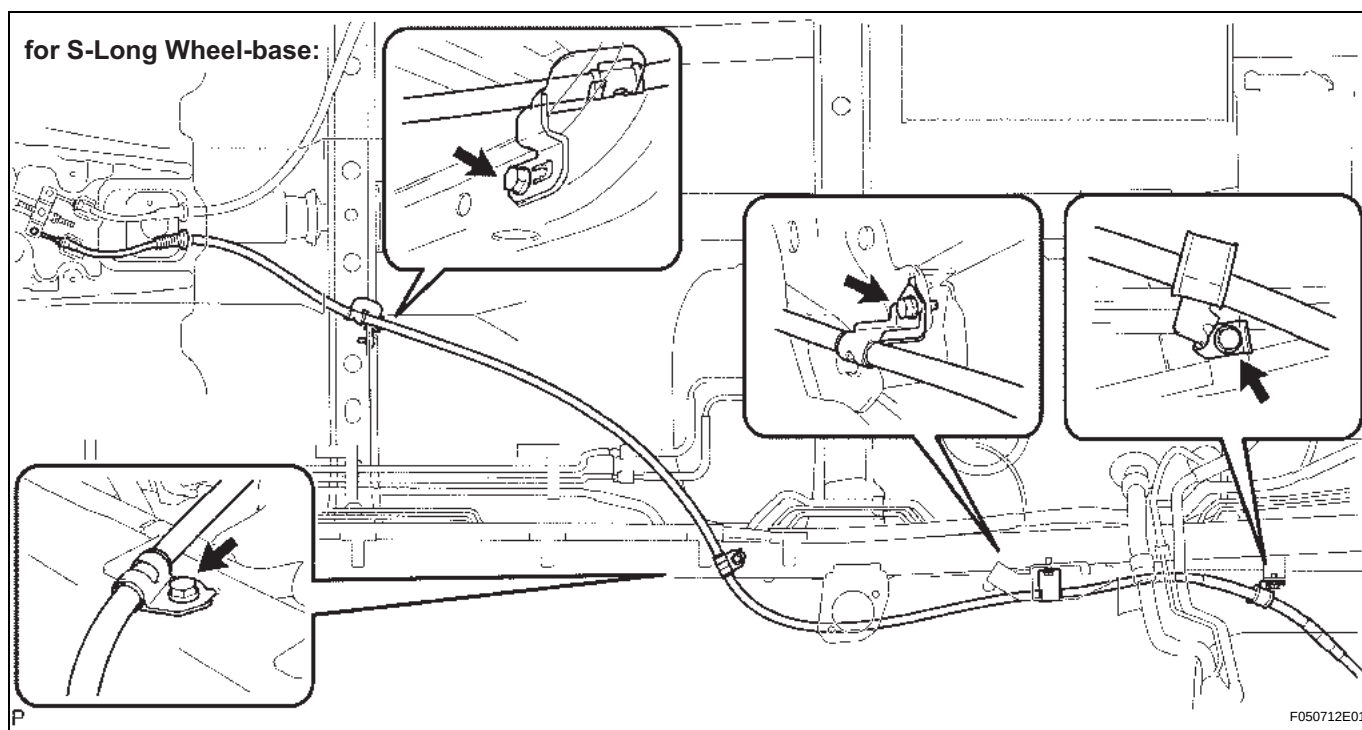


- (e) Remove the lock nut A, adjusting nut B and parking brake cable from the parking brake equalizer.

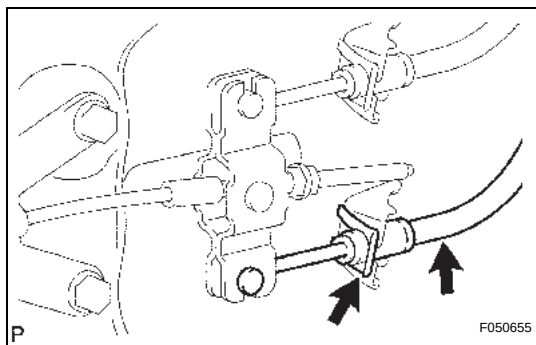
**20. REMOVE PARKING BRAKE CABLE ASSEMBLY NO. 3**

- (a) Remove the 2 bolts and disconnect the parking brake cable from the backing plate.
- (b) Remove the 4 bolts from the parking brake cable.

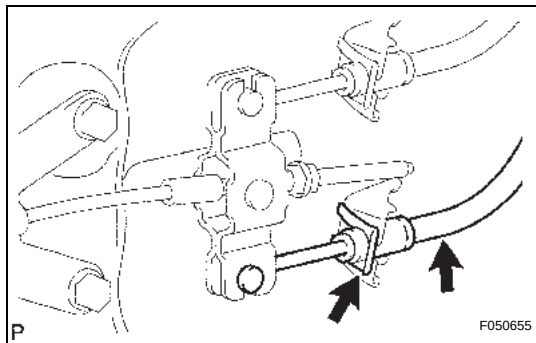




- (c) Disengage the clip and disconnect the parking brake cable from the parking brake equalizer.

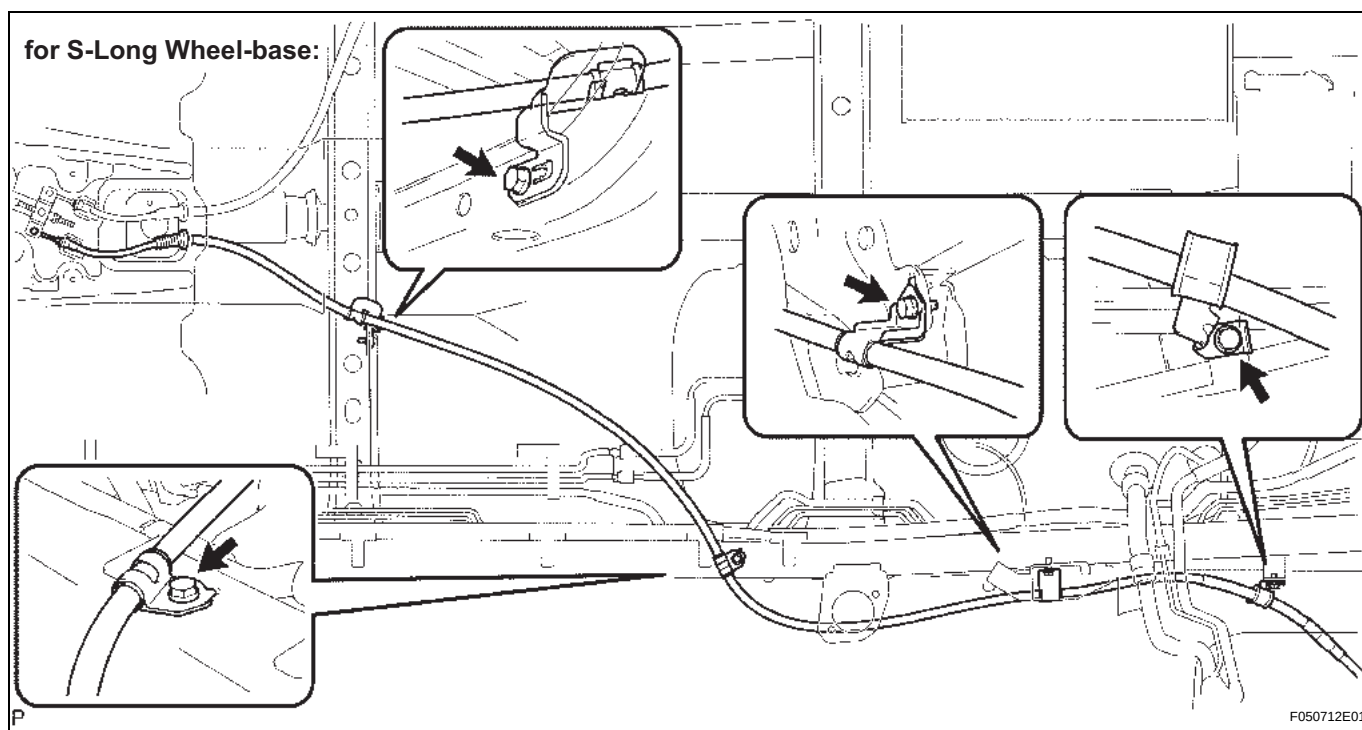


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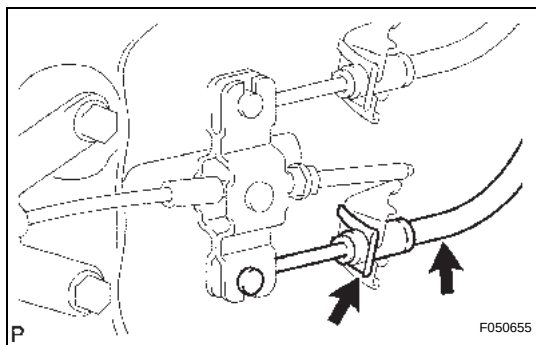


INSTALLATION

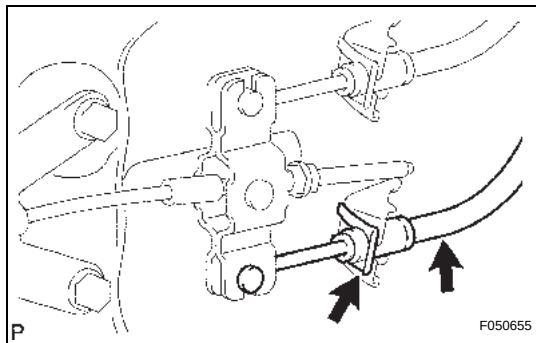
1. **INSTALL PARKING BRAKE CABLE ASSEMBLY NO. 3**
 - (a) Install the parking brake cable with the clip onto the parking brake equalizer.
 - (b) Install the parking brake cable with the 4 bolts.
Torque: 13 N*m (127 kgf*cm, 9 ft.*lbf)



- (c) Disengage the clip and disconnect the parking brake cable from the parking brake equalizer.

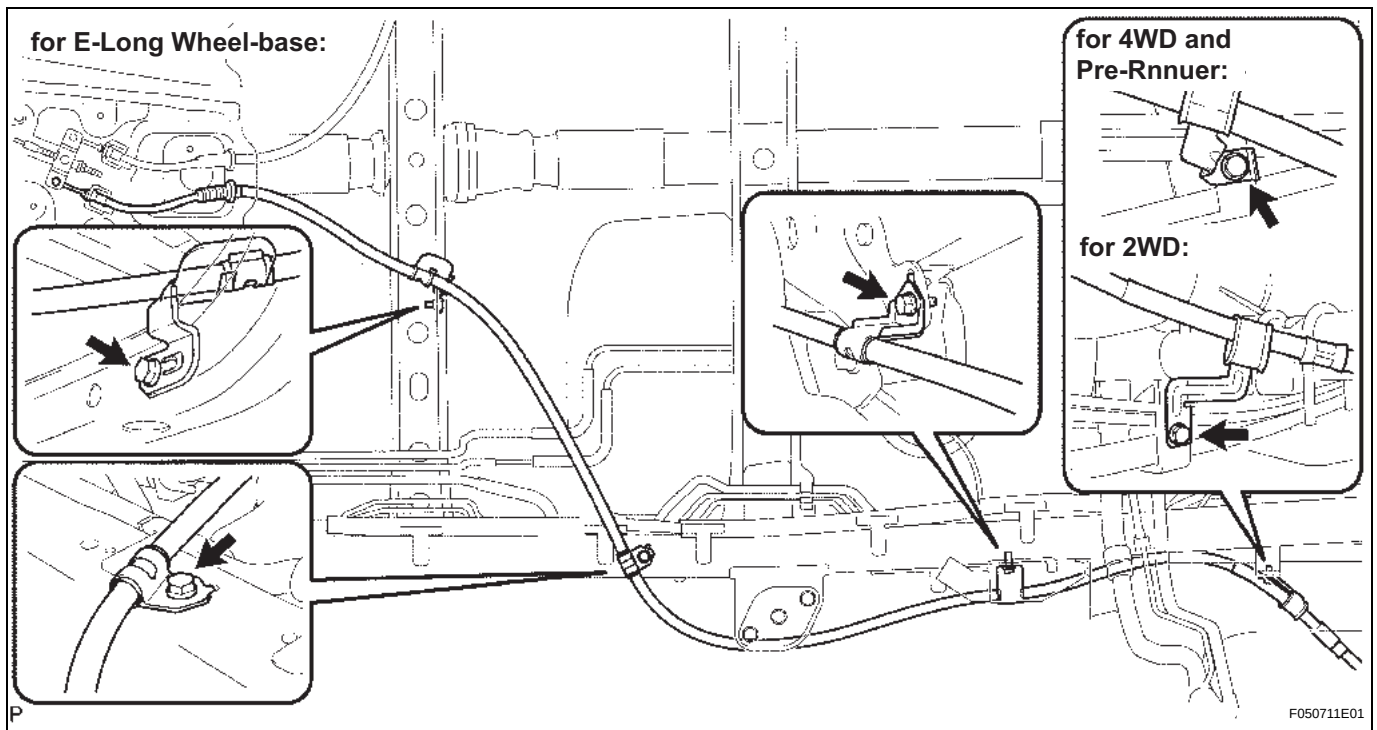
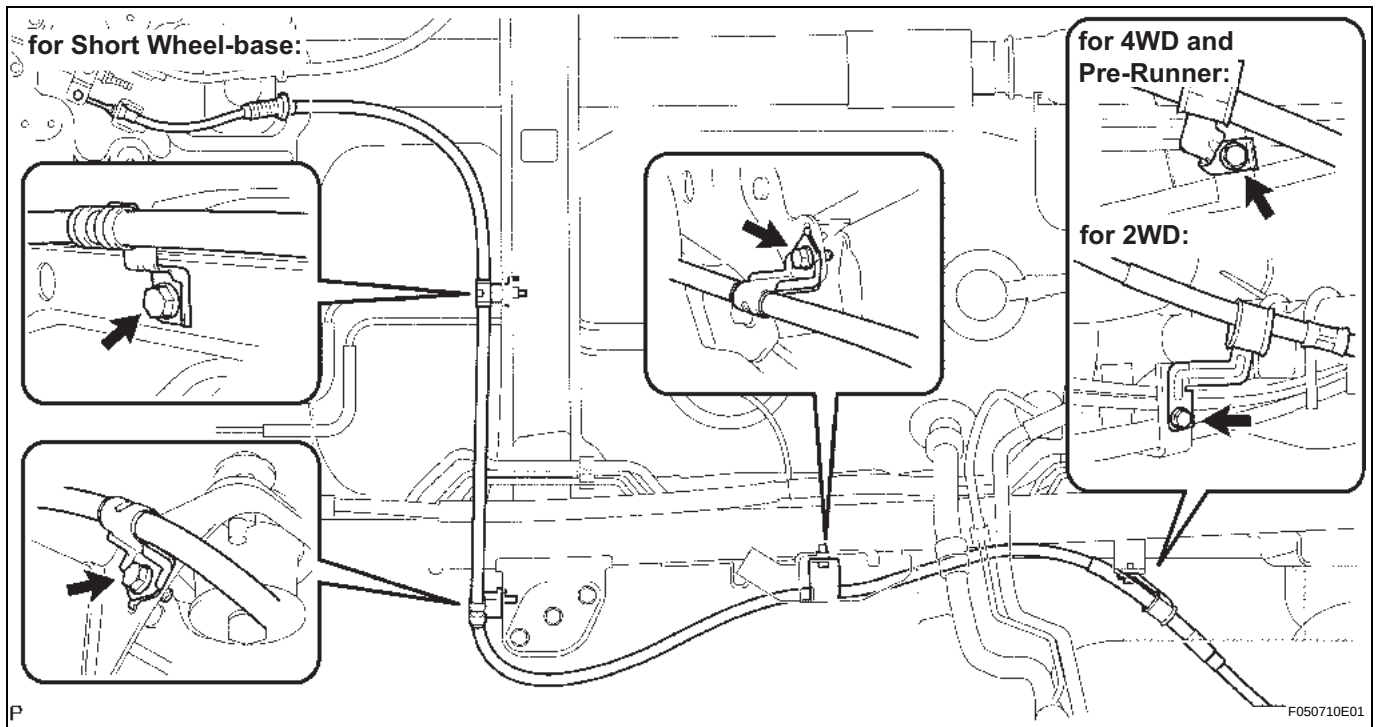


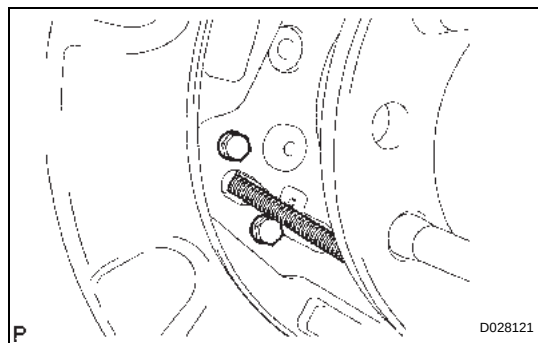
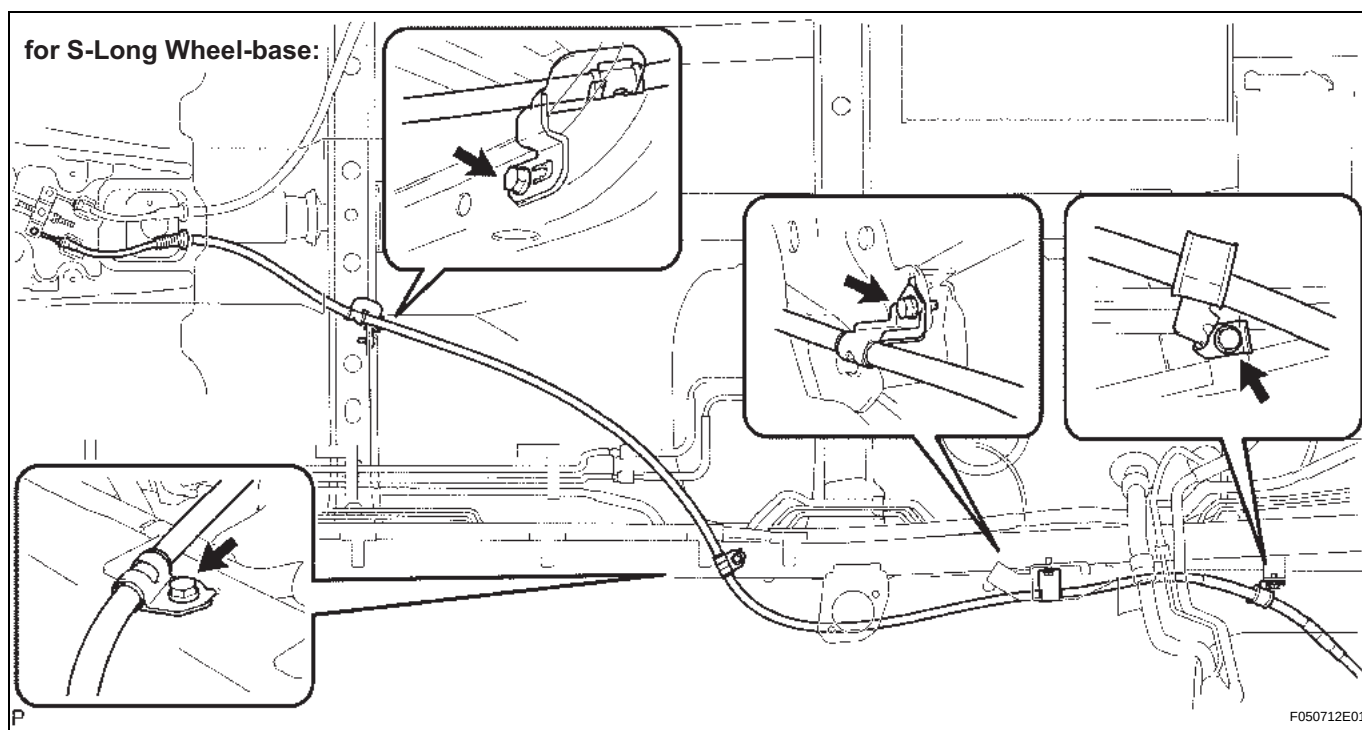
PB



INSTALLATION

1. **INSTALL PARKING BRAKE CABLE ASSEMBLY NO. 3**
 - (a) Install the parking brake cable with the clip onto the parking brake equalizer.
 - (b) Install the parking brake cable with the 4 bolts.
Torque: 13 N*m (127 kgf*cm, 9 ft.*lbf)

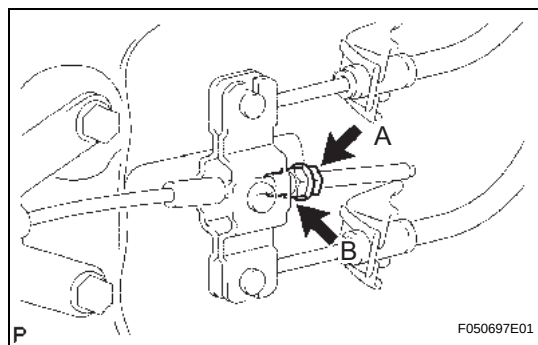




- (c) Install the parking brake cable with the 2 bolts onto the backing plate.

Torque: 8.0 N*m (82 kgf*cm, 71 in.*lbf)

PB



2. INSTALL PARKING BRAKE CABLE ASSEMBLY NO. 1 (for Automatic Transmission)

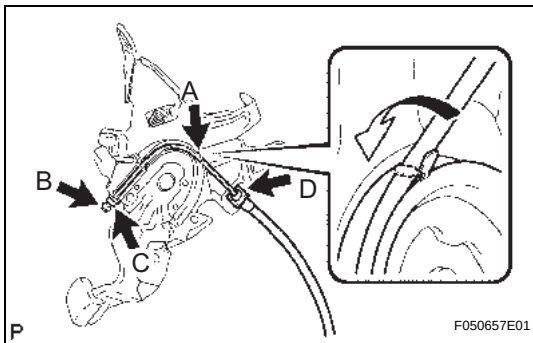
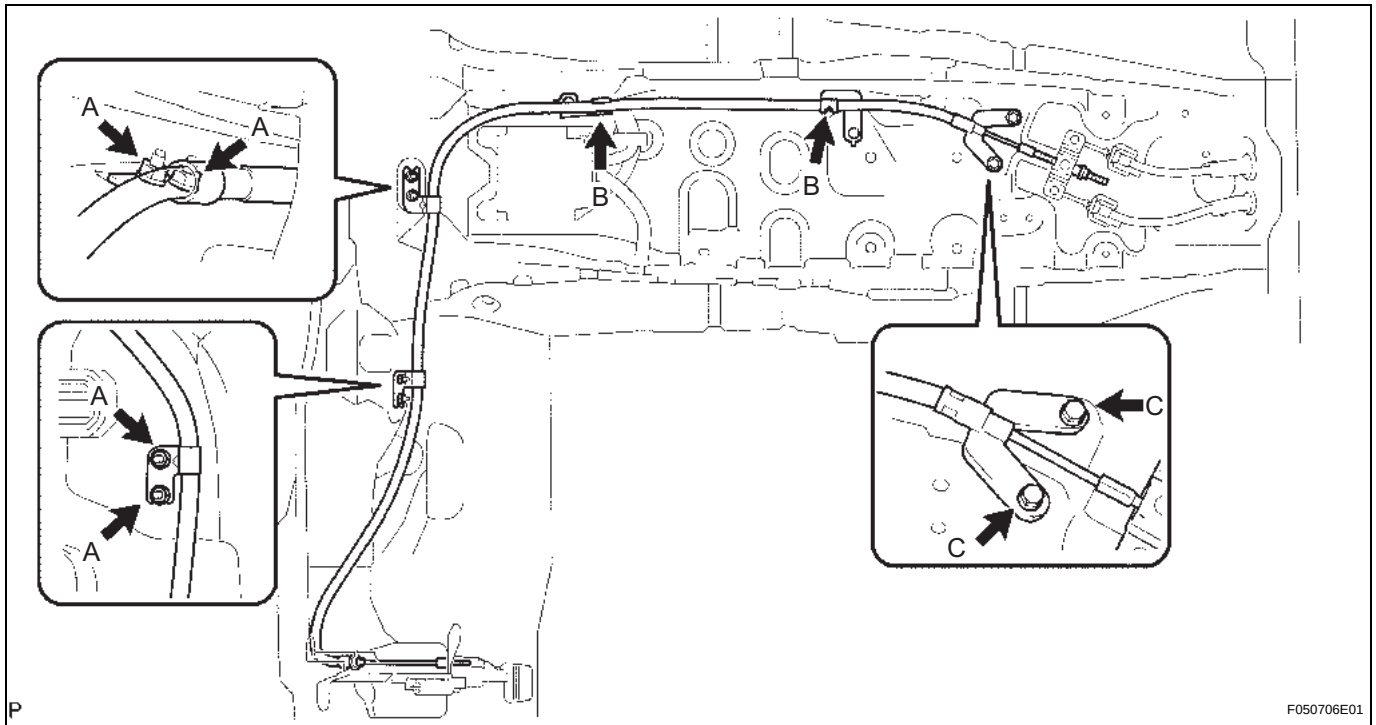
- Install the parking brake cable and provisionally tighten the adjusting nut B and lock nut A.
- Install the parking brake cable with the 4 nuts A, 2 clamps B, 2 bolts C.

Torque: Nut A

6.0 N*m (61 kgf*cm, 53 in.*lbf)

Bolt C

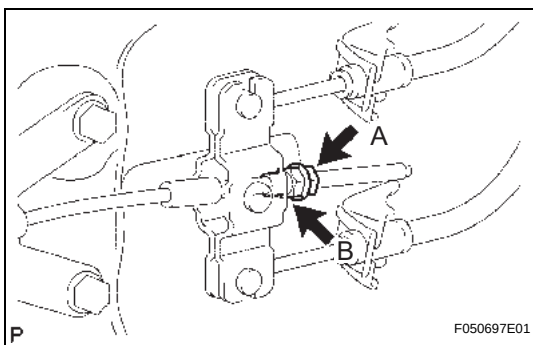
13 N*m (127 kgf*cm, 9 ft.*lbf)



- (c) Install the parking brake cable with the clip D, adjusting nut C and lock nut B onto the parking brake control pedal.

Torque: 13 N*m (127 kgf*cm, 9 ft.*lbf)

- (d) Bend the claw A.



3. INSTALL PARKING BRAKE CABLE ASSEMBLY NO. 1 (for Manual Transmission)

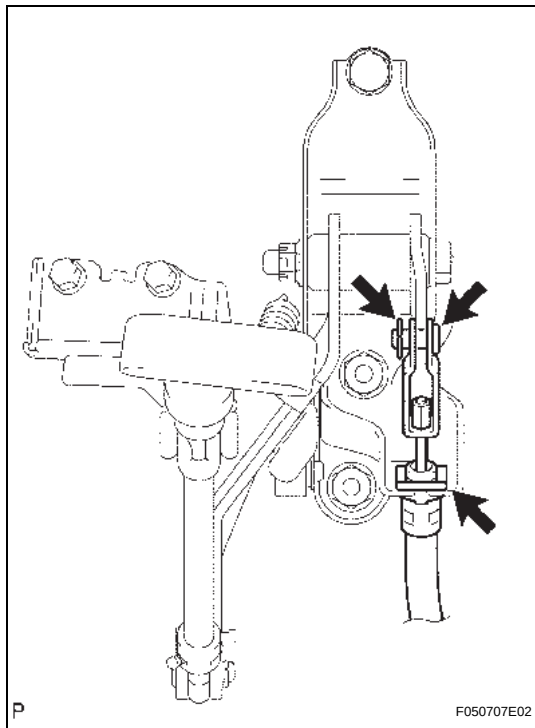
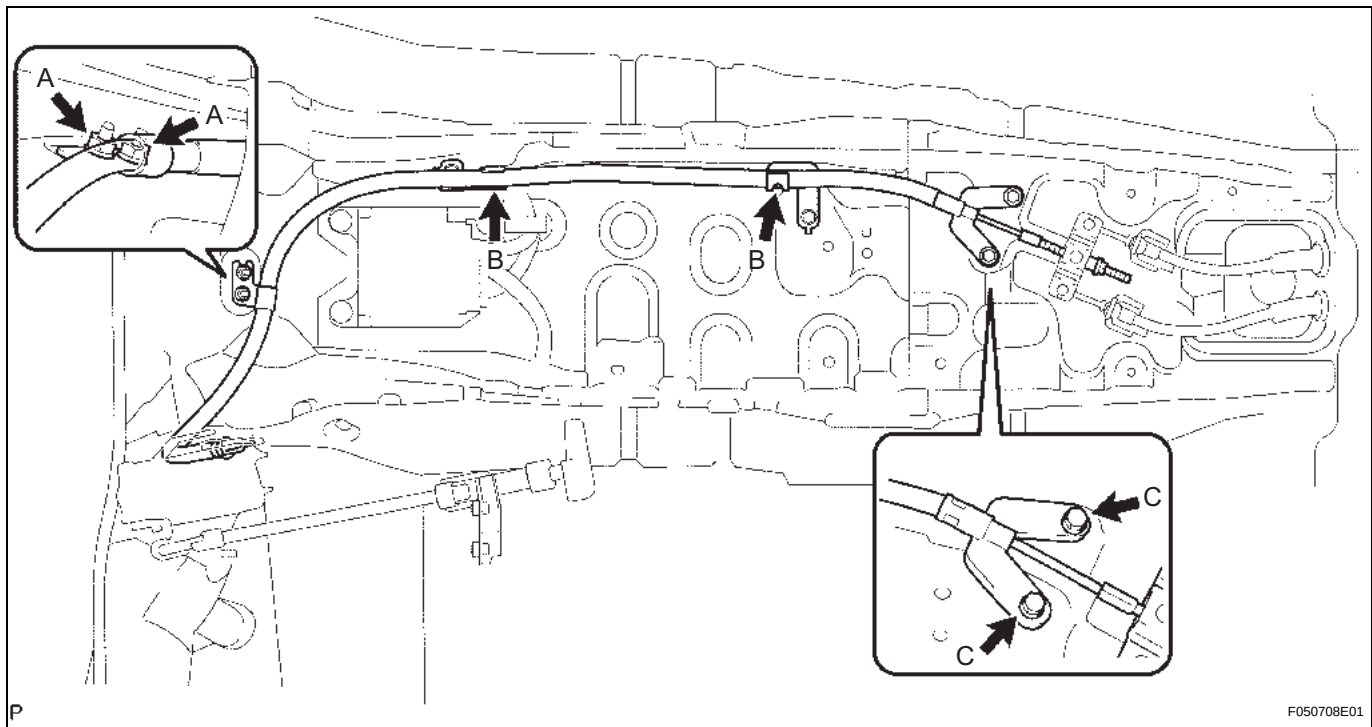
- (a) Install the parking brake cable and provisionally tighten the adjusting B nut and lock nut A.
- (b) Install the parking brake cable with the 2 nuts A, 2 clamps B and 2 bolts C.

Torque: Nut A

6.0 N*m (61 kgf*cm, 53 in.*lbf)

Bolt C

13 N*m (127 kgf*cm, 9 ft.*lbf)



(c) Install the parking brake cable onto the parking brake lever with the clip.

(d) Install the sleeve with the pin and clip.

4. **APPLY HIGH TEMPERATURE GREASE** (See page [BR-71](#))
5. **INSTALL REAR BRAKE SHOE** (See page [BR-71](#))
6. **INSTALL FRONT BRAKE SHOE** (See page [BR-72](#))
7. **INSPECT REAR DRUM BRAKE INSTALLATION** (See page [BR-73](#))
8. **INSTALL REAR BRAKE DRUM SUB-ASSEMBLY** (See page [BR-73](#))
9. **ADJUST REAR DRUM BRAKE SHOE CLEARANCE** (See page [BR-74](#))
10. **INSTALL REAR WHEEL**
Torque: 113 N*m (1,152 kgf*cm, 83 ft.*lbf)
11. **INSTALL PARKING BRAKE CABLE JOINT PROTECTOR** (for Bench Seat Type) (See page [PB-2](#))
12. **INSTALL VOLTAGE INVERTER ASSEMBLY** (w/ Voltage Inverter) (See page [AV-105](#))
13. **INSTALL CENTER AIRBAG SENSOR ASSEMBLY** (See page [RS-603](#))
14. **INSTALL FRONT CONSOLE BOX** (for Automatic Transmission on Separate Seat Type) (See page [IP-24](#))
15. **INSTALL FRONT CONSOLE BOX** (for Manual Transmission on Separate Seat Type) (See page [IP-23](#))

16. **INSTALL FRONT CONSOLE BOX** (for Automatic Transmission on Bench Seat Type) (See page [IP-23](#))
17. **INSTALL FRONT CONSOLE BOX** (for Manual Transmission on Bench Seat Type) (See page [IP-22](#))
18. **INSTALL INSTRUMENT PANEL CUP HOLDER TRAY** (for Automatic Transmission on Separate Seat Type) (See page [IP-24](#))
19. **INSTALL REAR CONSOLE BOX ASSEMBLY** (for Separate Seat Type) (See page [IP-24](#))
20. **INSTALL CONSOLE UPPER REAR PANEL SUB-ASSEMBLY** (for Automatic Transmission on Separate Seat Type) (See page [IP-25](#))
21. **INSTALL CONSOLE UPPER REAR PANEL SUB-ASSEMBLY** (for Manual Transmission on Separate Seat Type) (See page [IP-25](#))
22. **CONNECT CABLE TO NEGATIVE BATTERY TERMINAL**
Torque: 3.9 N*m (40 kgf*cm, 35 in.*lbf)
(See page [IN-5](#))
23. **INSPECT SRS WARNING LIGHT**
(See page [RS-28](#))
24. **INSPECT PARKING BRAKE PEDAL TRAVEL** (for Automatic Transmission) (See page [PB-1](#))
25. **INSPECT PARKING BRAKE LEVER TRAVEL** (for Manual Transmission) (See page [PB-1](#))
26. **ADJUST PARKING BRAKE PEDAL TRAVEL** (for Automatic Transmission) (See page [PB-2](#))
27. **ADJUST PARKING BRAKE LEVER TRAVEL** (for Manual Transmission) (See page [PB-2](#))

PARKING BRAKE SYSTEM

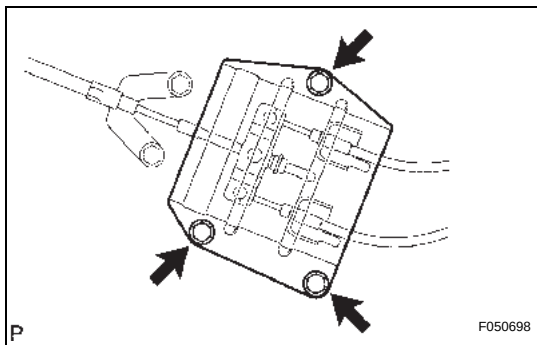
PROBLEM SYMPTOMS TABLE

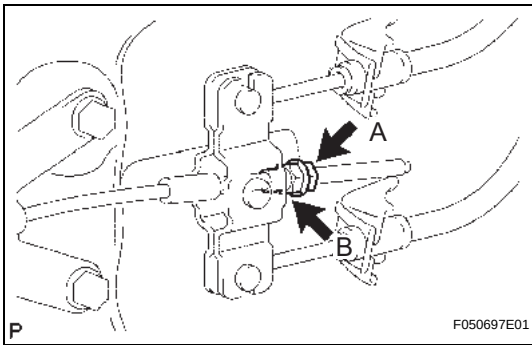
HINT:
Use the table below to help you find the cause of the problem.
The numbers indicate the ranked order of probability of each of the possible causes. Check each part in the order suggested. If necessary, replace these parts.

Symptom	Suspected area	See page
Brake drag	1. Parking brake pedal travel (Out of adjustment) (Automatic Transmission)	PB-2
	2. Parking brake lever travel (Out of adjustment) (Manual Transmission)	PB-2
	3. Parking brake wire (Sticking)	PB-18
	4. Parking brake shoe clearance (Out of adjustment)	BR-74
	5. Parking brake shoe lining (Cracked or distorted)	BR-70
	6. Tension or return spring (Damaged)	BR-68

ADJUSTMENT

1. REMOVE REAR WHEEL
2. ADJUST REAR DRUM BRAKE SHOE CLEARANCE
(See page [BR-74](#))
3. INSTALL REAR WHEEL
Torque: 113 N*m (1,152 kgf*cm, 83 ft.*lbf)
4. INSPECT PARKING BRAKE PEDAL TRAVEL (for Automatic Transmission)
 - (a) Slowly depress the parking brake pedal to the fully applied position, and count the number of clicks.
Parking brake pedal travel at 300 N (31 kgf, 67 lbf):
7 to 10 clicks
5. INSPECT PARKING BRAKE LEVER TRAVEL (for Manual Transmission)
 - (a) Slowly pull the parking brake lever to the fully applied position, and count the number of clicks.
Parking brake lever travel at 200 N (20 kgf, 45 lbf):
7 to 10 clicks
6. REMOVE CONSOLE UPPER REAR PANEL SUB-ASSEMBLY (for Automatic Transmission on Separate Seat Type) (See page [IP-9](#))
7. REMOVE CONSOLE UPPER REAR PANEL SUB-ASSEMBLY (for Manual Transmission on Separate Seat Type) (See page [IP-9](#))
8. REMOVE CONSOLE BOX ASSEMBLY REAR (for Separate Seat Type) (See page [IP-10](#))
9. REMOVE PARKING BRAKE CABLE JOINT PROTECTOR (for Bench Seat Type)
 - (a) Slide the seat to the rearmost position.
 - (b) Pull up the floor carpet around the cable joint protector, along its seams.
 - (c) Remove the 3 bolts and parking brake cable joint protector.
10. ADJUST PARKING BRAKE PEDAL TRAVEL (for Automatic Transmission)
 - (a) Confirm that the parking brake pedal is released.

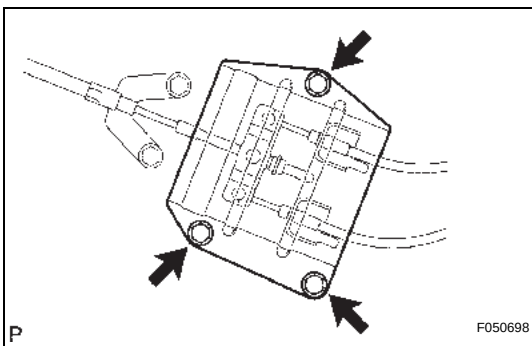
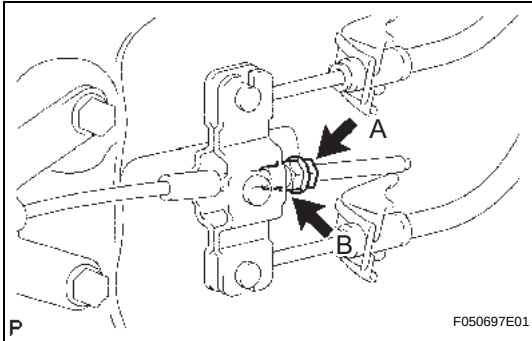




- (b) Loosen the lock nut A and turn the adjusting nut B until the parking brake pedal travel is corrected to the specified value.
- (c) Tighten the lock nut.
- Torque: 13 N*m (127 kgf*cm, 9 ft.*lbf)**
- (d) Check whether the parking brake drags or not.
- (e) When operating the parking brake pedal, check that the parking brake pedal indicator light comes on.

11. ADJUST PARKING BRAKE LEVER TRAVEL (for Manual Transmission)

- (a) Confirm that the parking brake lever is released.
- (b) Loosen the lock nut A and turn the adjusting nut B until the parking brake lever travel is corrected to the specified value.
- (c) Tighten the lock nut.
- Torque: 13 N*m (127 kgf*cm, 9 ft.*lbf)**
- (d) Check whether the parking brake drags or not.
- (e) When operating the parking brake lever, check that the parking brake lever indicator light comes on.



12. INSTALL PARKING BRAKE CABLE JOINT PROTECTOR (for Bench Seat Type)

- (a) Install the 3 bolts and parking brake cable joint protector.
- Torque: 13 N*m (127 kgf*cm, 9 ft.*lbf)**
- (b) Return the floor carpet to its original position.
- (c) Return the seat to its original position.

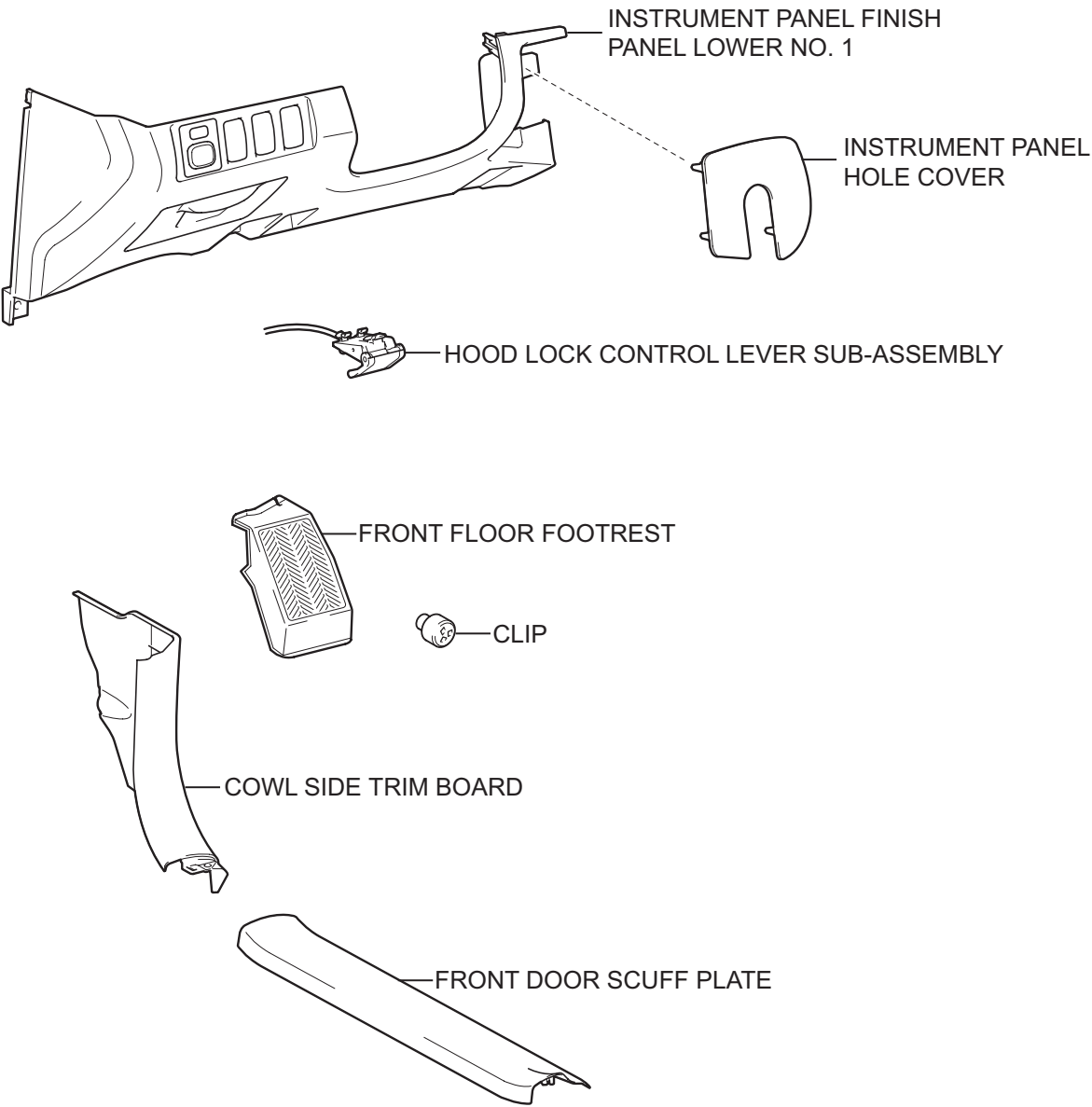
13. INSTALL CONSOLE BOX ASSEMBLY REAR (for Separate Seat Type) (See page [IP-24](#))

14. INSTALL CONSOLE UPPER REAR PANEL SUB-ASSEMBLY (for Automatic Transmission on Separate Seat Type) (See page [IP-25](#))

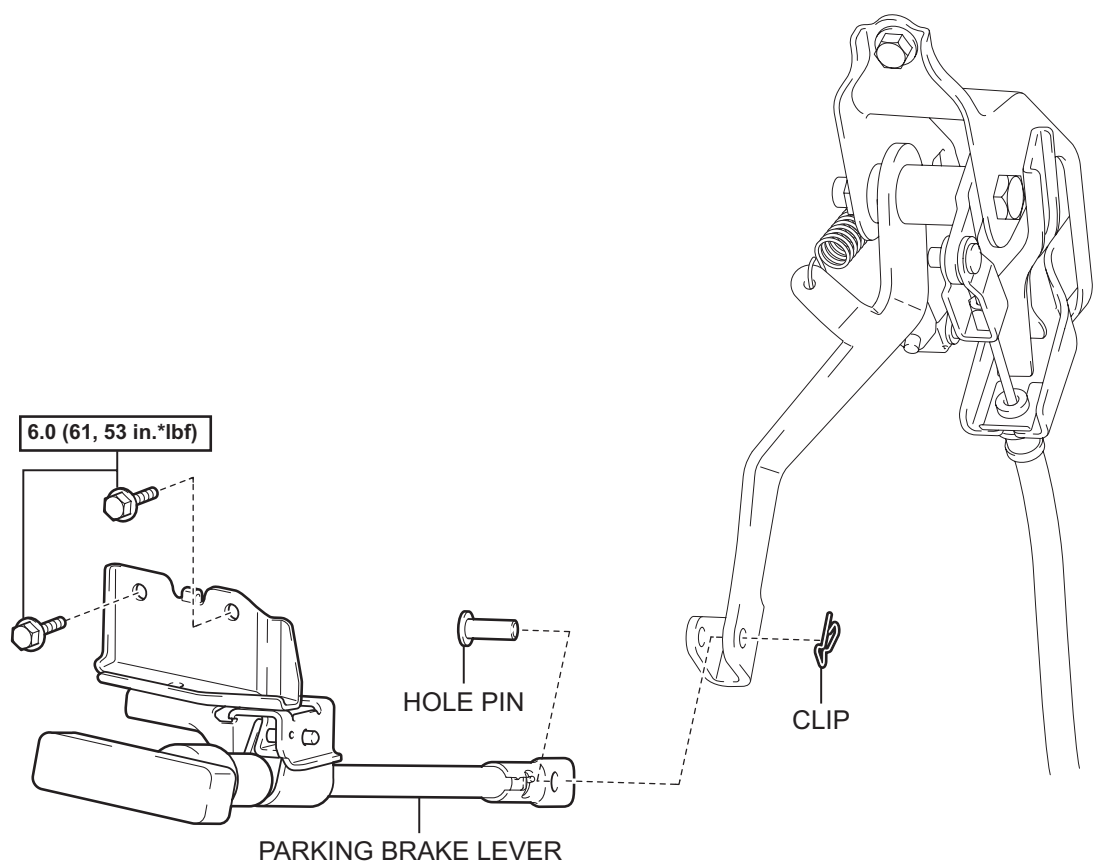
15. INSTALL CONSOLE UPPER REAR PANEL SUB-ASSEMBLY (for Manual Transmission on Separate Seat Type) (See page [IP-25](#))

PARKING BRAKE LEVER (for Manual Transmission)

COMPONENTS



PB

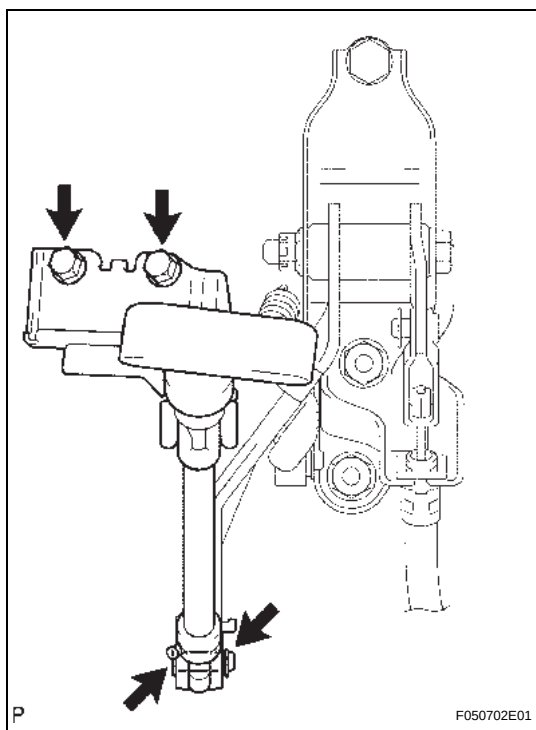


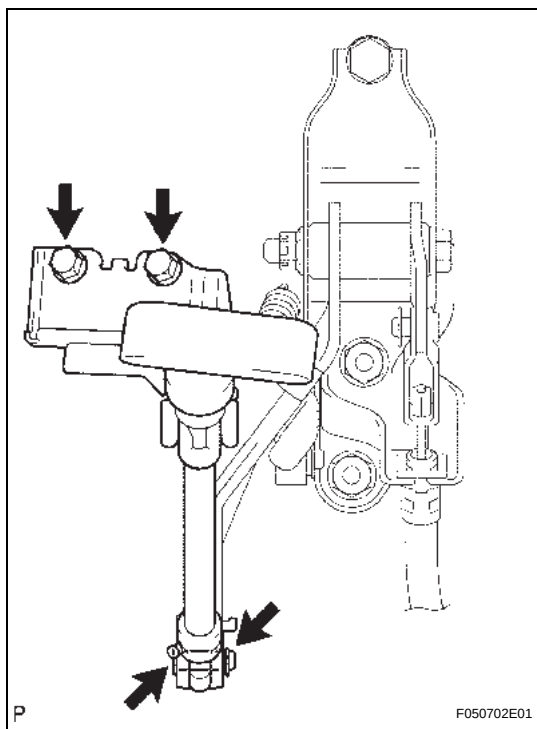
PB

N*m (kgf*cm, ft*lbf) : Specified torque

REMOVAL

1. DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL
2. REMOVE FRONT DOOR SCUFF PLATE (for Regular Cab) (See page [IR-40](#))
3. REMOVE FRONT DOOR SCUFF PLATE (for Access Cab) (See page [IR-61](#))
4. REMOVE FRONT DOOR SCUFF PLATE (for Double Cab) (See page [IR-12](#))
5. REMOVE FRONT FLOOR FOOTREST (See page [IR-1](#))
6. REMOVE COWL SIDE TRIM BOARD (for Regular Cab) (See page [IR-40](#))
7. REMOVE COWL SIDE TRIM BOARD (for Access Cab) (See page [IR-61](#))
8. REMOVE COWL SIDE TRIM BOARD (for Double Cab) (See page [IR-12](#))
9. REMOVE INSTRUMENT PANEL HOLE COVER (See page [IP-9](#))
10. SEPARATE HOOD LOCK CONTROL LEVER SUB-ASSEMBLY (See page [ED-3](#))
11. REMOVE INSTRUMENT PANEL FINISH PANEL LOWER NO. 1 (See page [IP-12](#))
12. REMOVE PARKING BRAKE LEVER
 - (a) Release the parking brake lever.
 - (b) Remove the clip and pin and separate the sleeve.
 - (c) Remove the 2 bolts and parking brake lever assembly.





INSTALLATION

1. INSTALL PARKING BRAKE LEVER

- (a) Install the parking brake lever assembly with the 2 bolts.

Torque: 6.0 N*m (61 kgf*cm, 53 in.*lbf)

- (b) Install the sleeve with the pin and clip.

2. INSTALL INSTRUMENT PANEL FINISH PANEL LOWER NO. 1 (See page [IP-22](#))

3. INSTALL HOOD LOCK CONTROL LEVER SUB-ASSEMBLY (See page [ED-8](#))

4. INSTALL INSTRUMENT PANEL HOLE COVER (See page [IP-25](#))

5. INSTALL COWL SIDE TRIM BOARD (for Regular Cab) (See page [IR-52](#))

6. INSTALL COWL SIDE TRIM BOARD (for Access Cab) (See page [IR-52](#))

7. INSTALL COWL SIDE TRIM BOARD (for Double Cab) (See page [IR-29](#))

8. INSTALL FRONT FLOOR FOOTREST (See page [IR-1](#))

9. INSTALL FRONT DOOR SCUFF PLATE (for Regular Cab) (See page [IR-52](#))

10. INSTALL FRONT DOOR SCUFF PLATE (for Access Cab) (See page [IR-75](#))

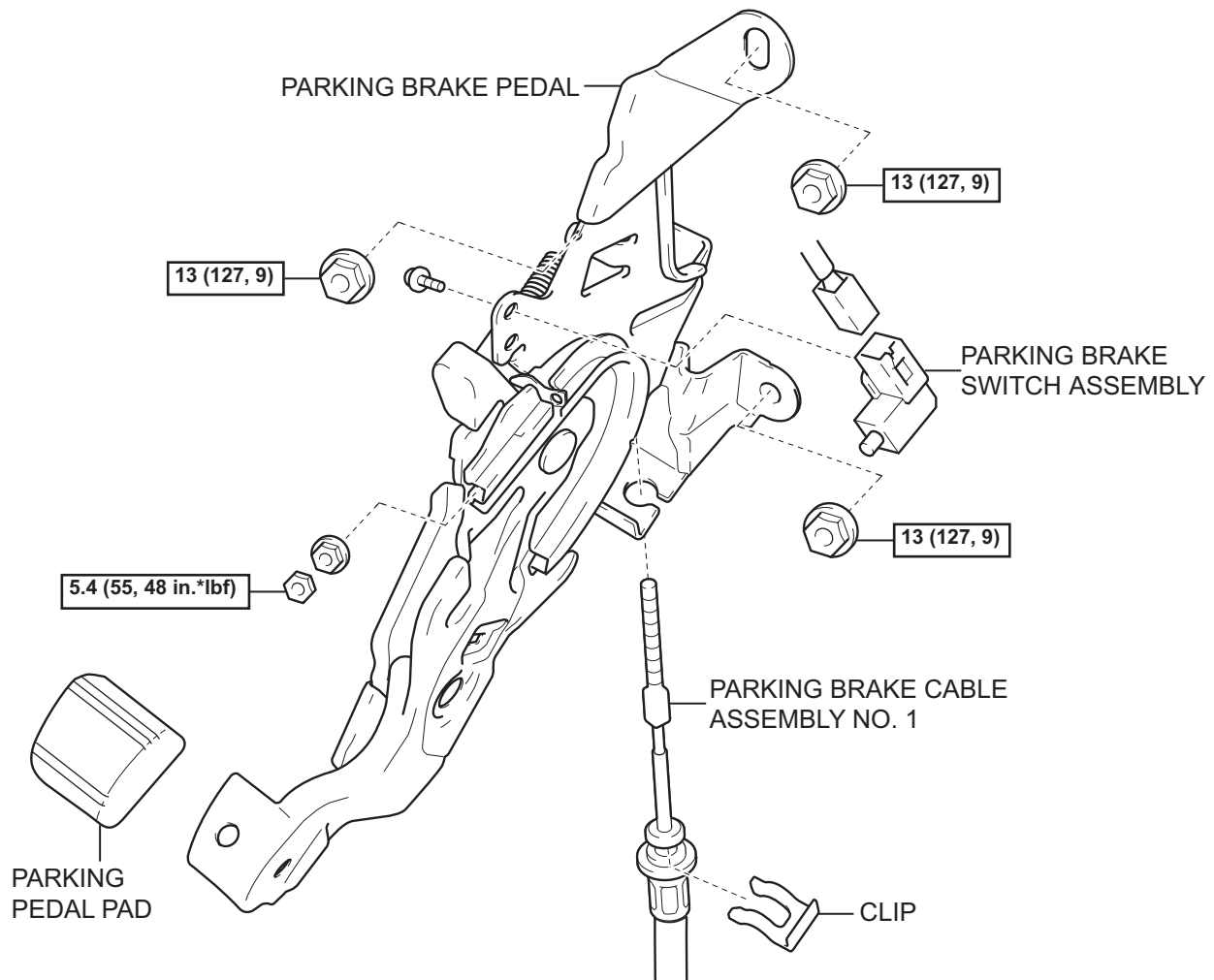
11. INSTALL FRONT DOOR SCUFF PLATE (for Double Cab) (See page [IR-29](#))

12. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL

Torque: 3.9 N*m (40 kgf*cm, 35 in.*lbf)
(See page [IN-5](#))

PARKING BRAKE PEDAL (for Automatic Transmission)

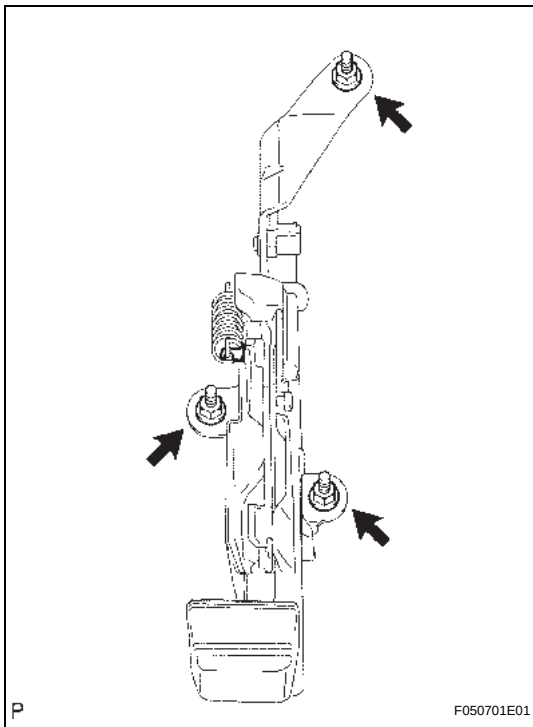
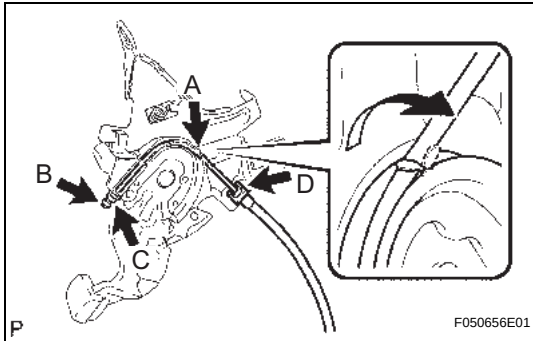
COMPONENTS



N*m (kgf*cm, ft*lbf) : Specified torque

REMOVAL

1. **DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL**
2. **REMOVE PARKING BRAKE CABLE ASSEMBLY NO. 1**
 - (a) Disengage the claw A.
 - (b) Remove the lock nut B, adjusting nut C, clip D and parking brake cable assembly No. 1.
3. **REMOVE PARKING BRAKE PEDAL**
 - (a) Release the parking brake pedal.
 - (b) Disconnect the parking brake switch connector.
 - (c) Remove the 3 nuts and parking brake control pedal assembly.
4. **REMOVE PARKING BRAKE SWITCH ASSEMBLY**
 - (a) Remove the screw and parking brake switch assembly.
5. **REMOVE PARKING PEDAL PAD**



INSTALLATION

1. INSTALL PARKING PEDAL PAD

2. INSTALL PARKING BRAKE SWITCH ASSEMBLY

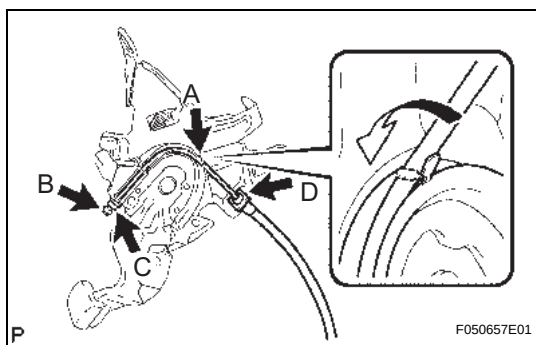
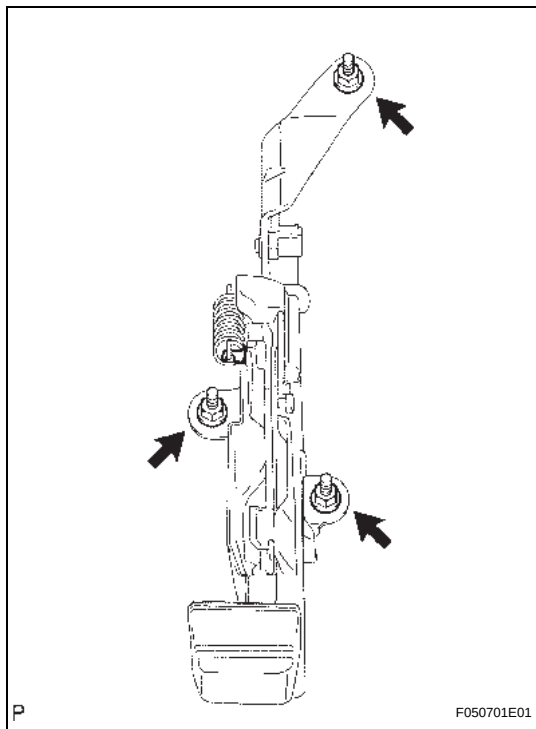
- (a) Install the parking brake switch assembly with the screw.

3. INSTALL PARKING BRAKE PEDAL

- (a) Install the parking brake control pedal assembly with the 3 nuts.

Torque: 13 N*m (127 kgf*cm, 9 ft.*lbf)

- (b) Connect the parking brake switch connector.



4. INSTALL PARKING BRAKE CABLE ASSEMBLY NO. 1

- (a) Install the parking brake cable assembly No. 1 with the clip D, adjusting nut C and lock nut B.

Torque: 5.4 N*m (55 kgf*cm, 48 in.*lbf)

- (b) Bend the claw A.

5. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL

Torque: 3.9 N*m (40 kgf*cm, 35 in.*lbf)

(See page [IN-5](#))

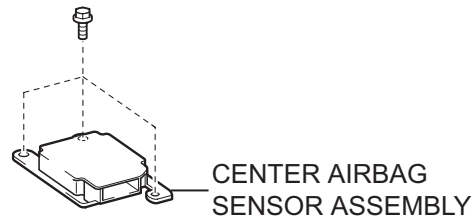
6. INSPECT PARKING BRAKE PEDAL TRAVEL (See page [PB-1](#))

7. ADJUST PARKING BRAKE PEDAL TRAVEL (See page [PB-2](#))

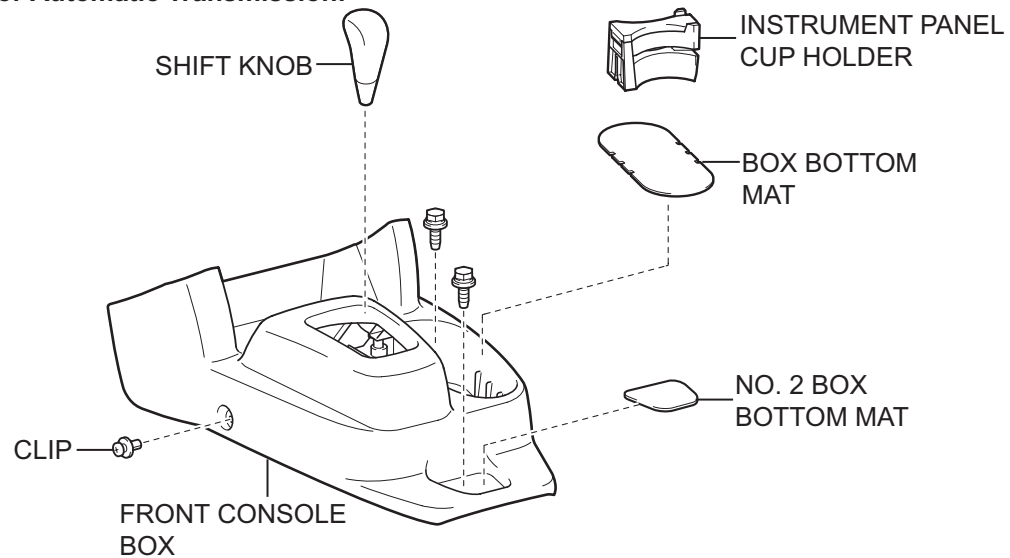
PARKING BRAKE CABLE

COMPONENTS

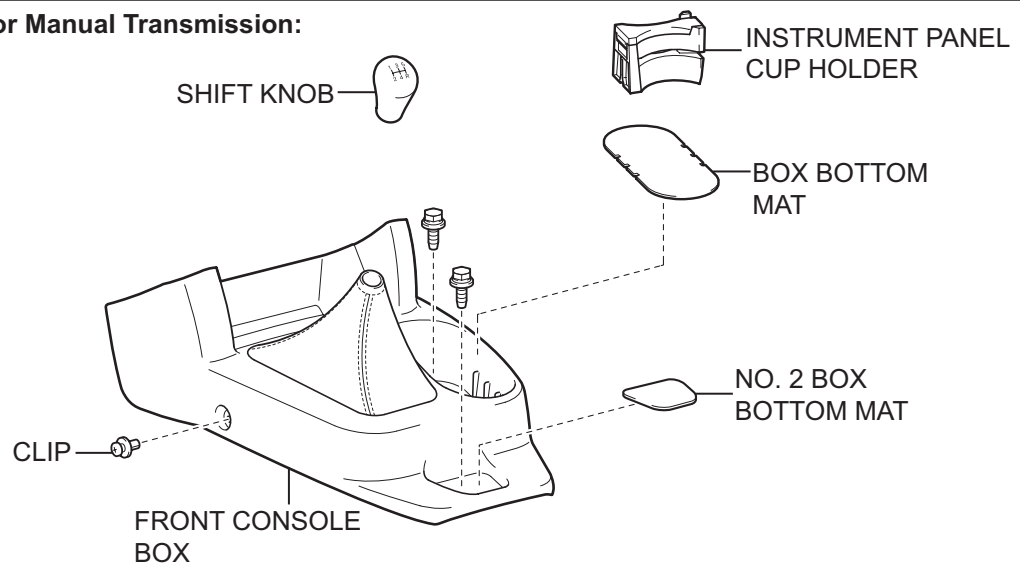
for Bench Seat Type:



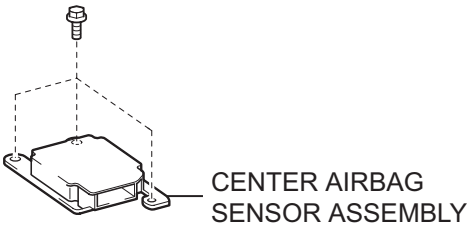
for Automatic Transmission:



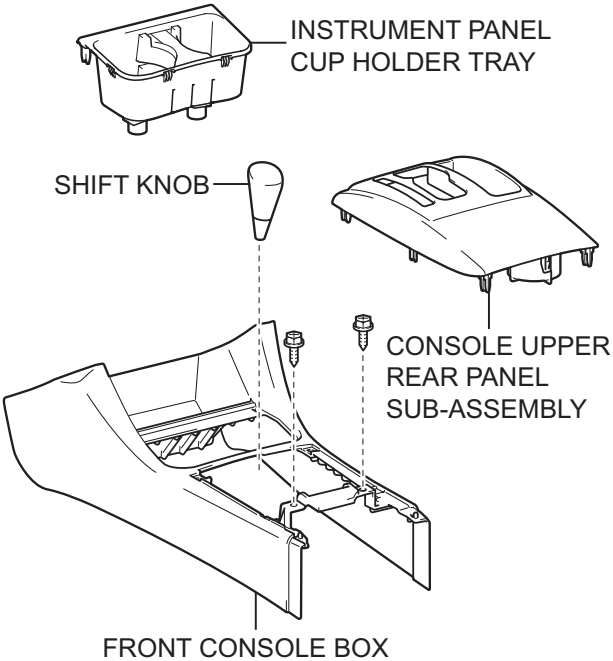
for Manual Transmission:



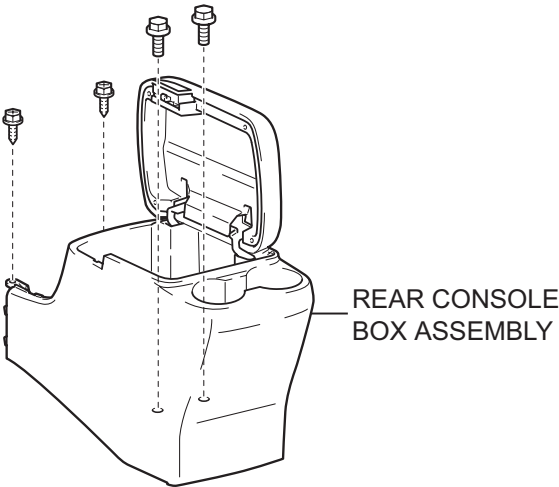
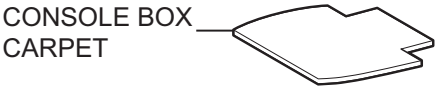
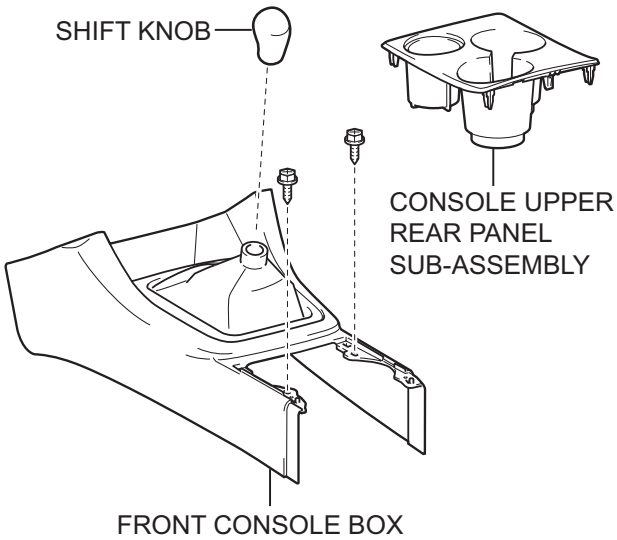
for Separate Seat Type:



for Automatic Transmission:

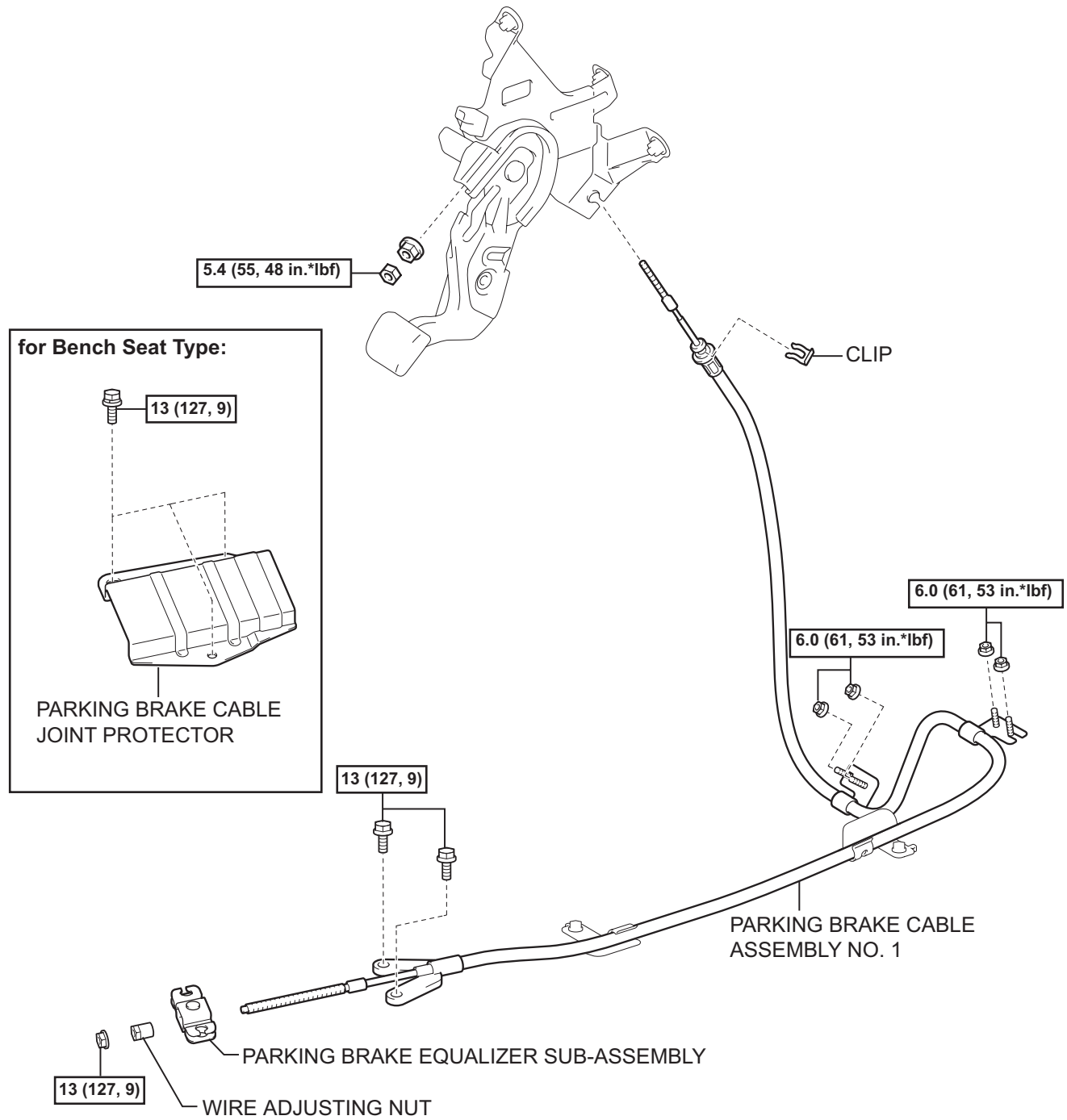


for Manual Transmission:



PB

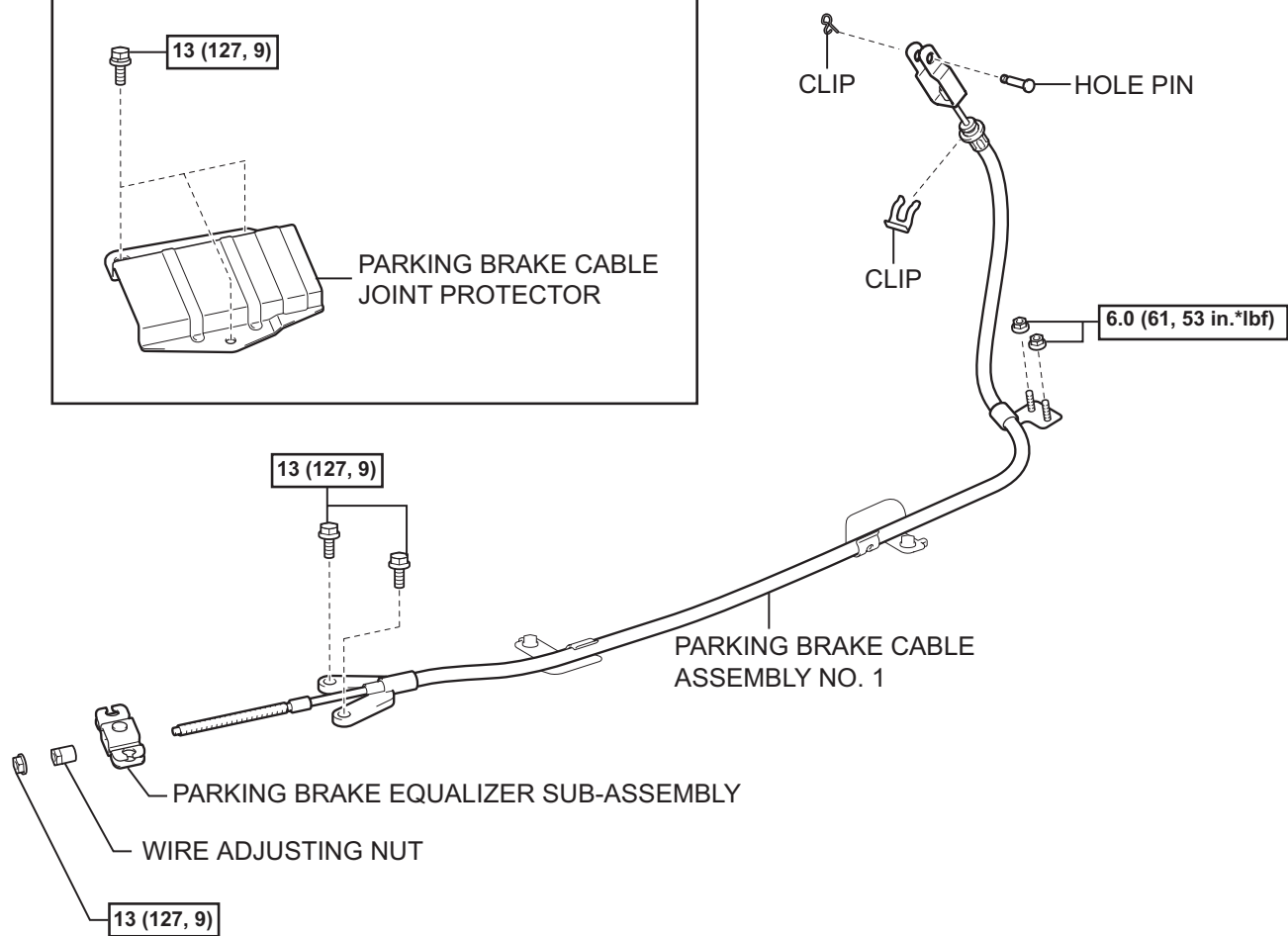
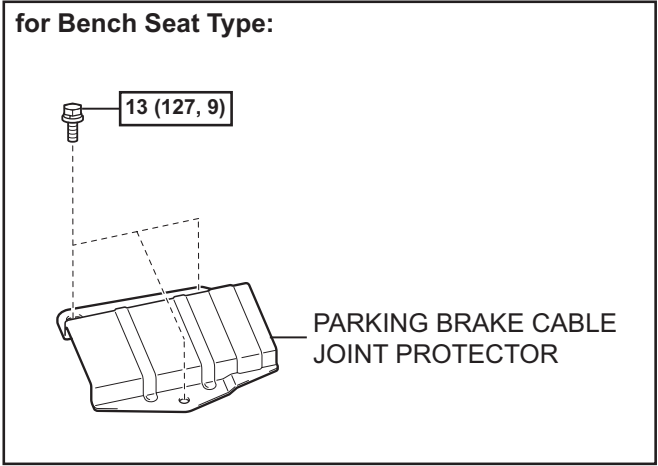
for Automatic Transmission:



N*m (kgf*cm, ft*lbf) : Specified torque

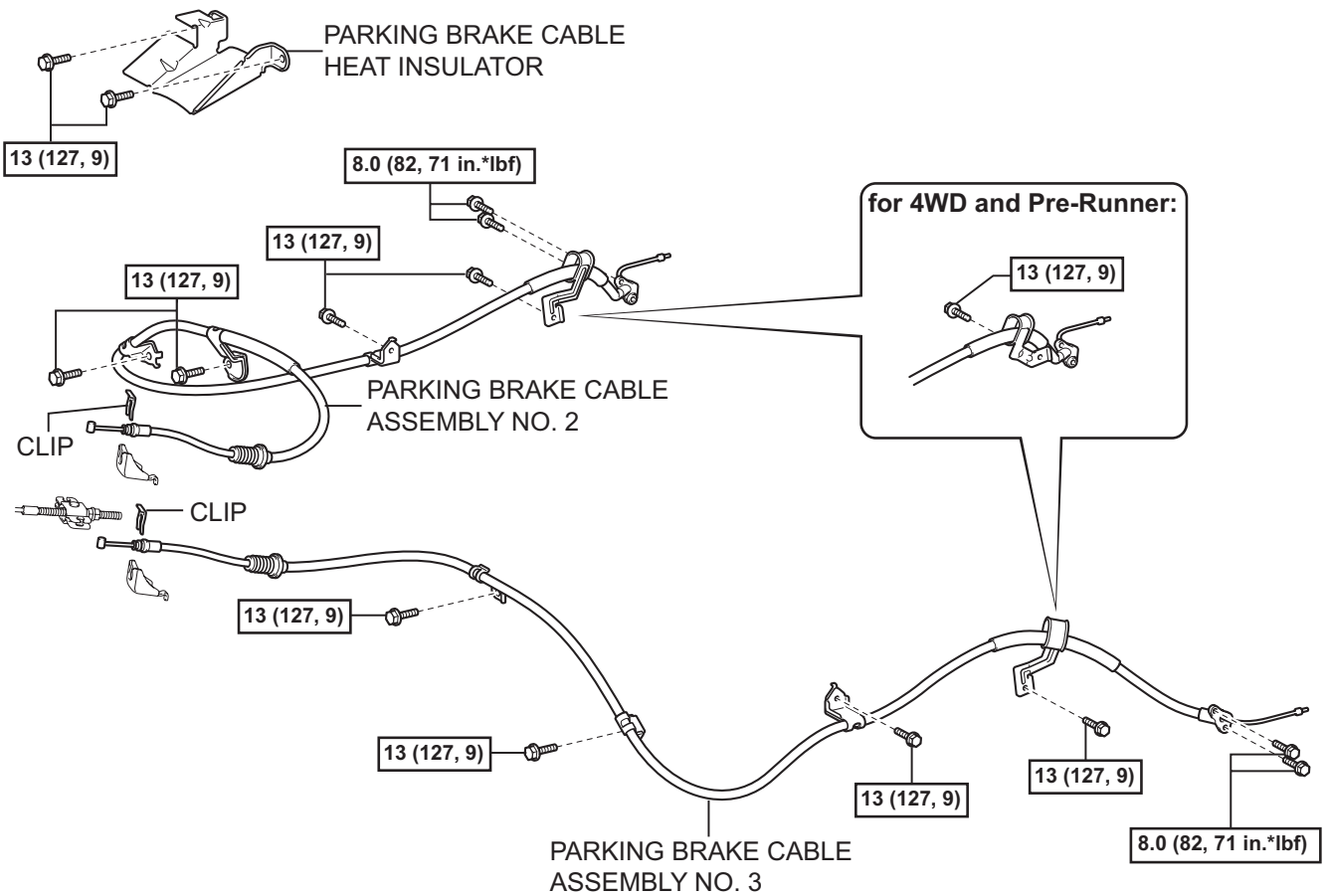
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for Manual Transmission:



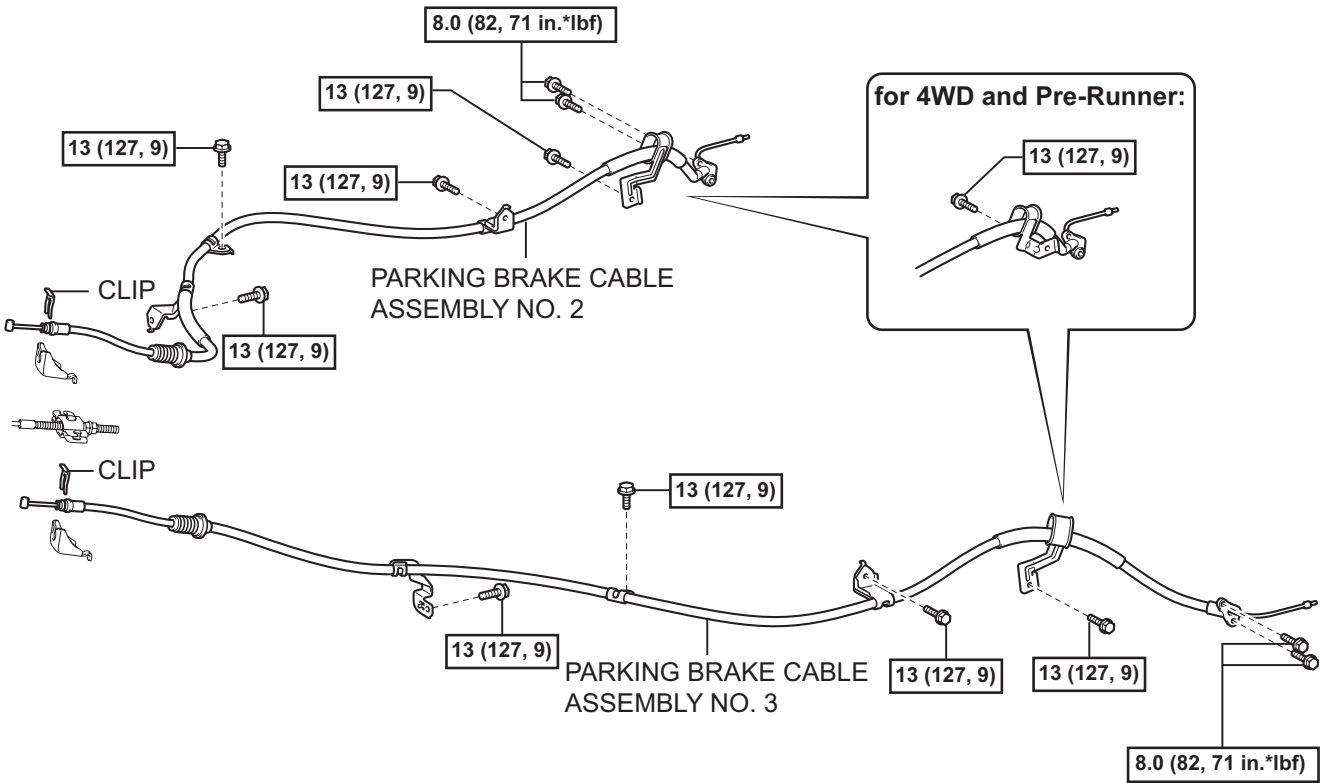
N*m (kgf*cm, ft*lbf) : Specified torque

for Short Wheel-base:



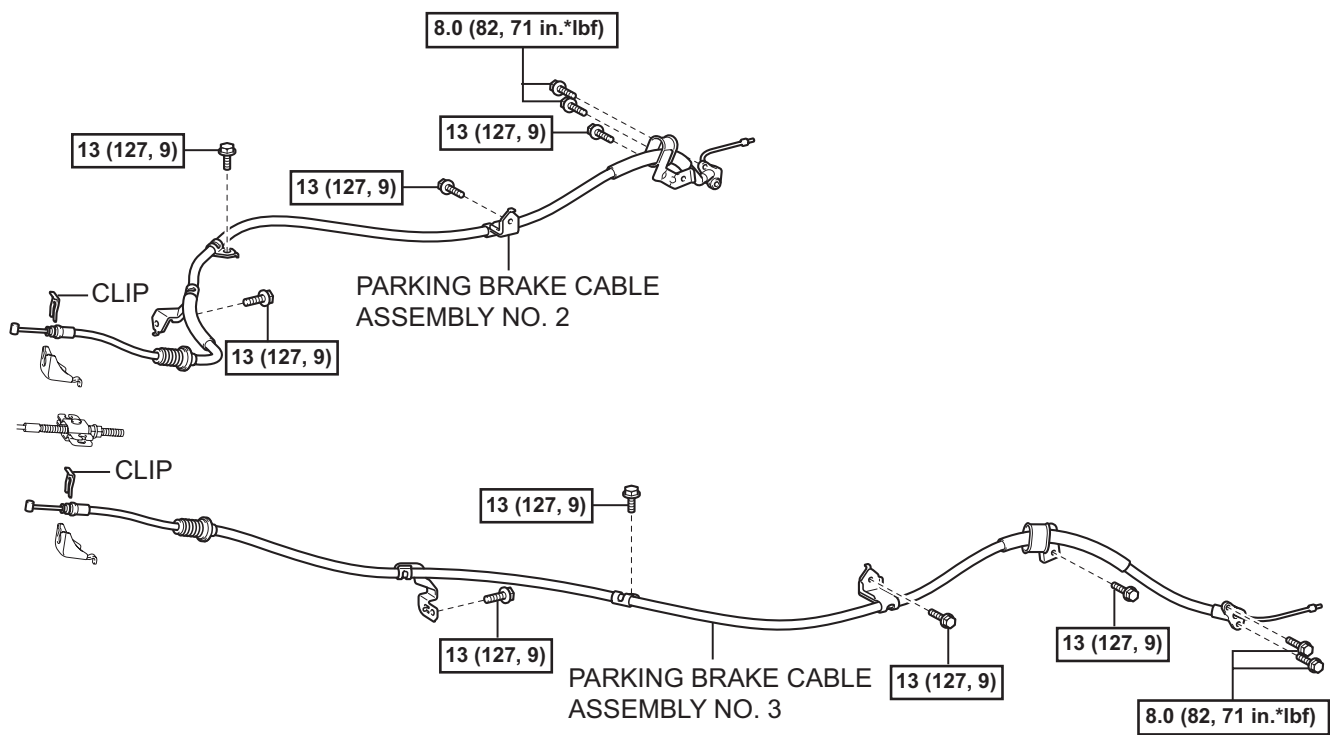
N*m (kgf*cm, ft*lbf) : Specified torque

for E-Long Wheel-base:



N*m (kgf*cm, ft*lbf) : Specified torque

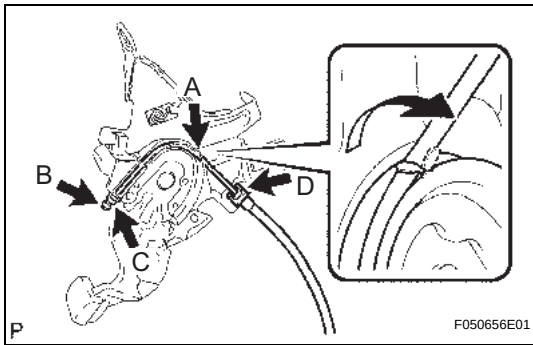
for S-Long Wheel-base:



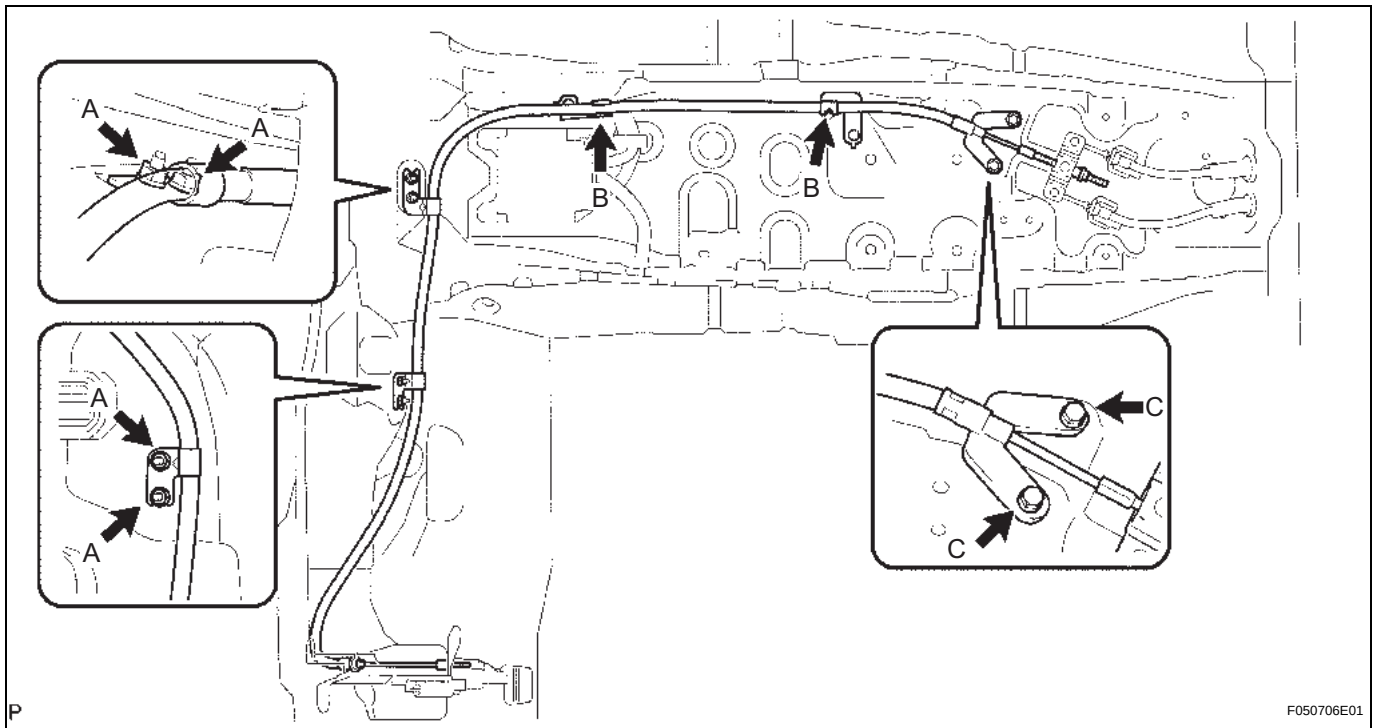
N*m (kgf*cm, ft*lbf) : Specified torque

REMOVAL

1. **PRECAUTION**
(See page [RS-1](#))
2. **DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL**
HINT:
Wait for at least 90 seconds after disconnecting the cable to prevent the airbag from working.
3. **REMOVE CONSOLE UPPER REAR PANEL SUB-ASSEMBLY (for Automatic Transmission on Separate Seat Type) (See page [IP-9](#))**
4. **REMOVE CONSOLE UPPER REAR PANEL SUB-ASSEMBLY (for Manual Transmission on Separate Seat Type) (See page [IP-9](#))**
5. **REMOVE REAR CONSOLE BOX ASSEMBLY (for Separate Seat Type) (See page [IP-10](#))**
6. **REMOVE INSTRUMENT PANEL CUP HOLDER TRAY (for Automatic Transmission on Separate Seat Type) (See page [IP-10](#))**
7. **REMOVE FRONT CONSOLE BOX (for Automatic Transmission on Separate Seat Type) (See page [IP-10](#))**
8. **REMOVE FRONT CONSOLE BOX (for Manual Transmission on Separate Seat Type) (See page [IP-11](#))**
9. **REMOVE FRONT CONSOLE BOX (for Automatic Transmission on Bench Seat Type) (See page [IP-11](#))**
10. **REMOVE FRONT CONSOLE BOX (for Manual Transmission on Bench Seat Type) (See page [IP-11](#))**
11. **REMOVE CENTER AIRBAG SENSOR ASSEMBLY (See page [RS-603](#))**
12. **REMOVE VOLTAGE INVERTER ASSEMBLY (w/ Voltage Inverter) (See page [AV-104](#))**
13. **REMOVE PARKING BRAKE CABLE JOINT PROTECTOR (for Bench Seat Type) (See page [PB-2](#))**
14. **REMOVE REAR WHEEL**
15. **REMOVE REAR BRAKE DRUM SUB-ASSEMBLY (See page [BR-68](#))**
16. **REMOVE FRONT BRAKE SHOE (See page [BR-68](#))**
17. **REMOVE REAR BRAKE SHOE (See page [BR-69](#))**
18. **REMOVE PARKING BRAKE CABLE ASSEMBLY NO. 1 (for Automatic Transmission)**
 - (a) Release the parking brake.



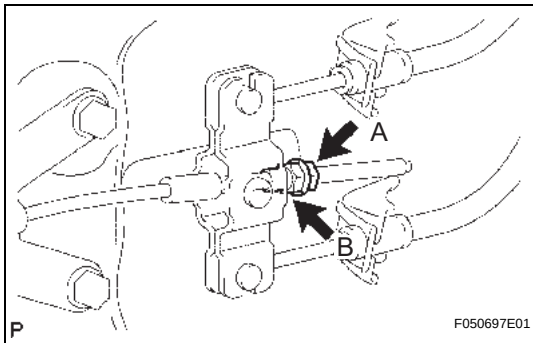
- (b) Disengage the claw A.
- (c) Remove the lock nut B, adjusting nut C and clip D and disconnect the parking brake cable from the parking brake control pedal.
- (d) Remove the 4 nuts A, 2 clamps B and 2 bolts C from the parking brake cable.

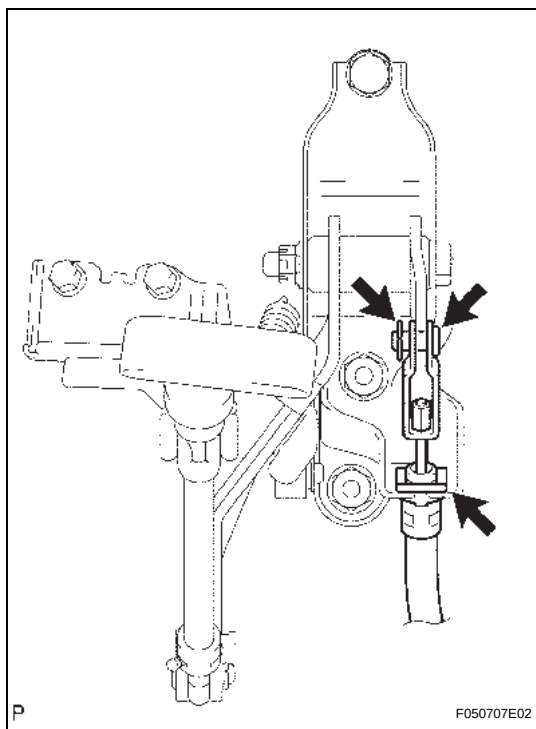


- (e) Remove the lock nut A, adjusting nut B and parking brake cable from the parking brake equalizer.

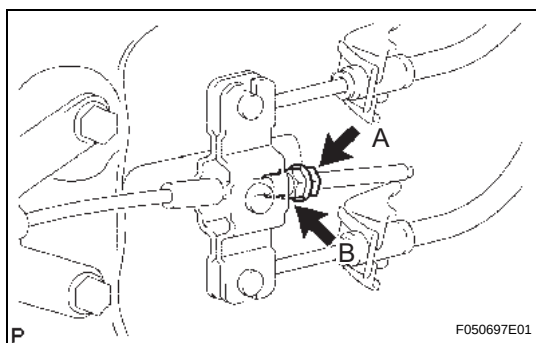
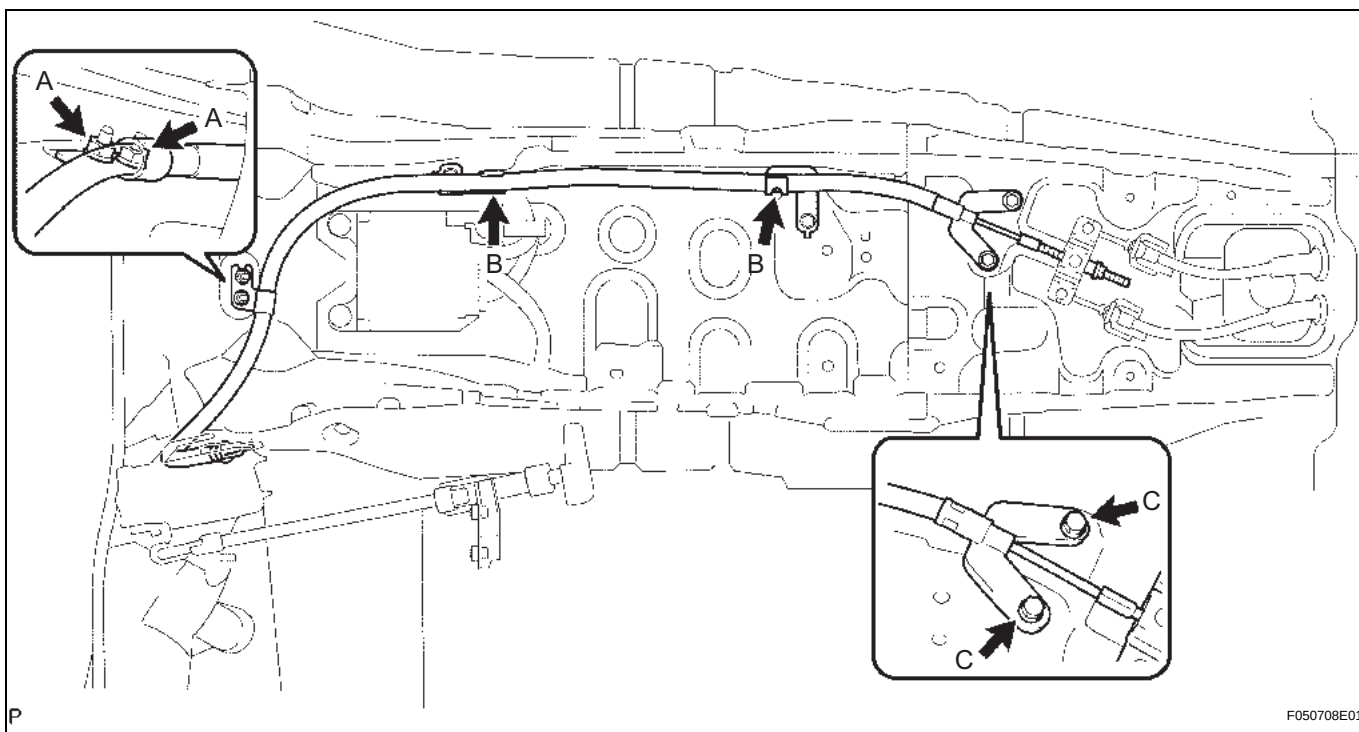
19. REMOVE PARKING BRAKE CABLE ASSEMBLY NO. 1 (for Manual Transmission)

- (a) Release the parking brake lever.

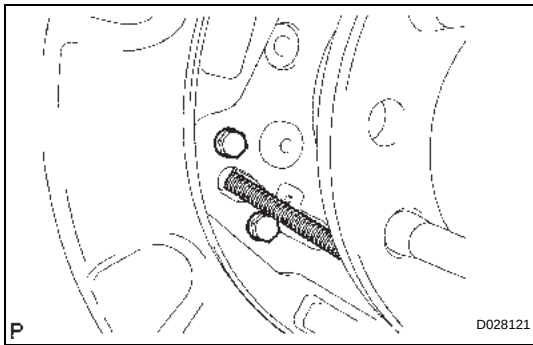




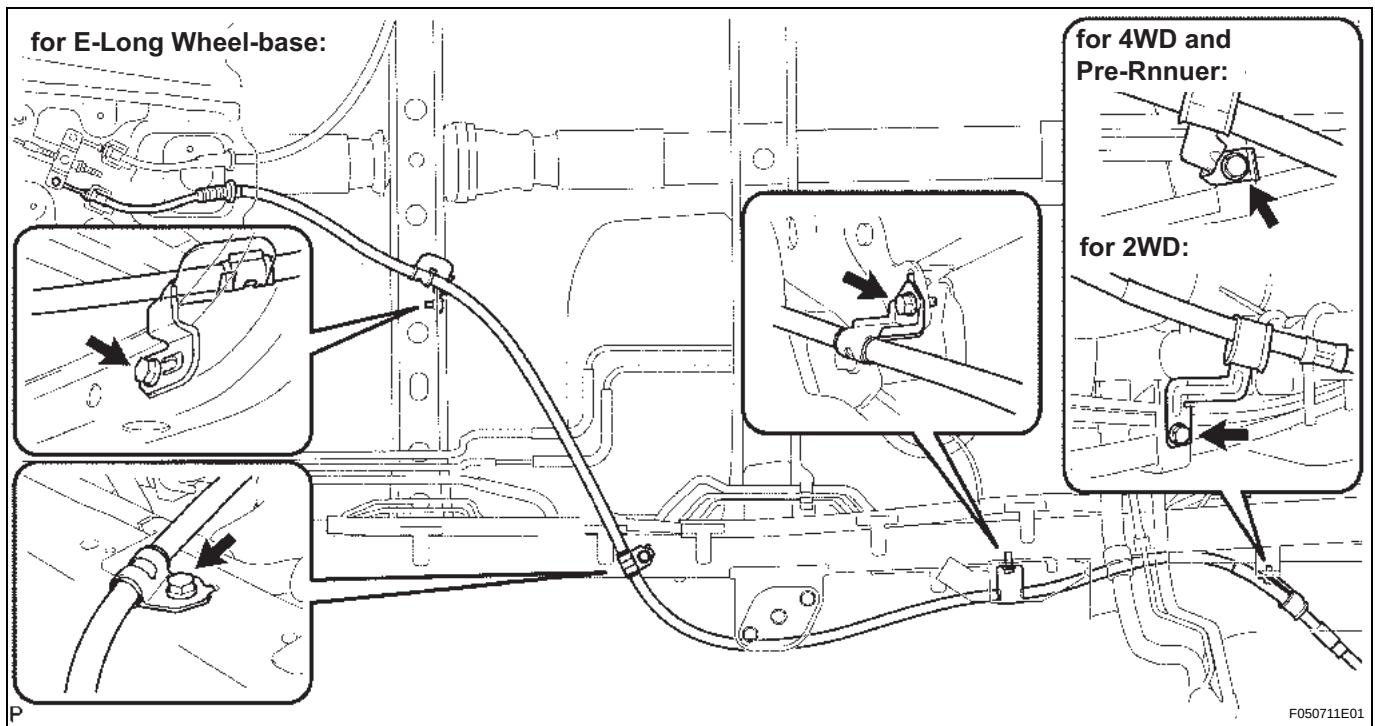
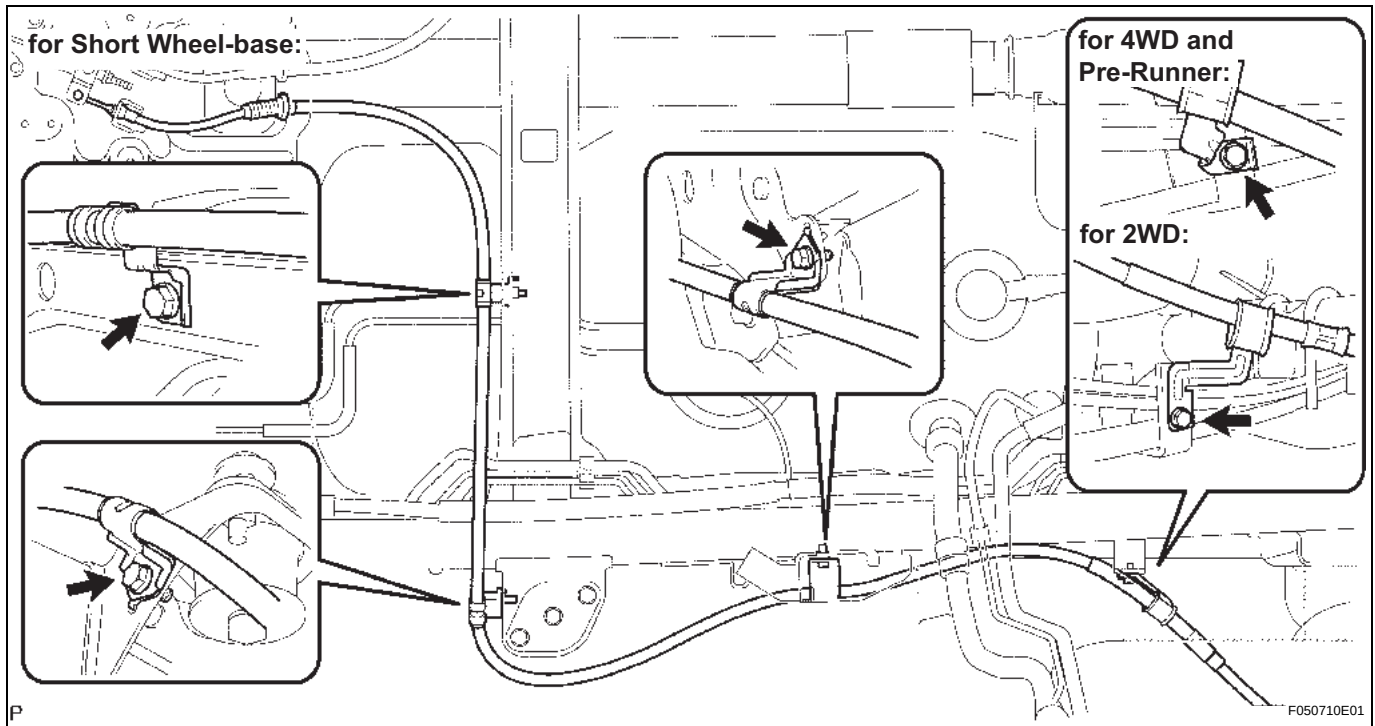
- (b) Disengage the clip, remove the pin and separate the sleeve.
- (c) Disengage the clip and disconnect the parking brake cable from the parking brake lever.
- (d) Remove the 2 nuts A, 2 clamps B and 2 bolts C from the parking brake cable.

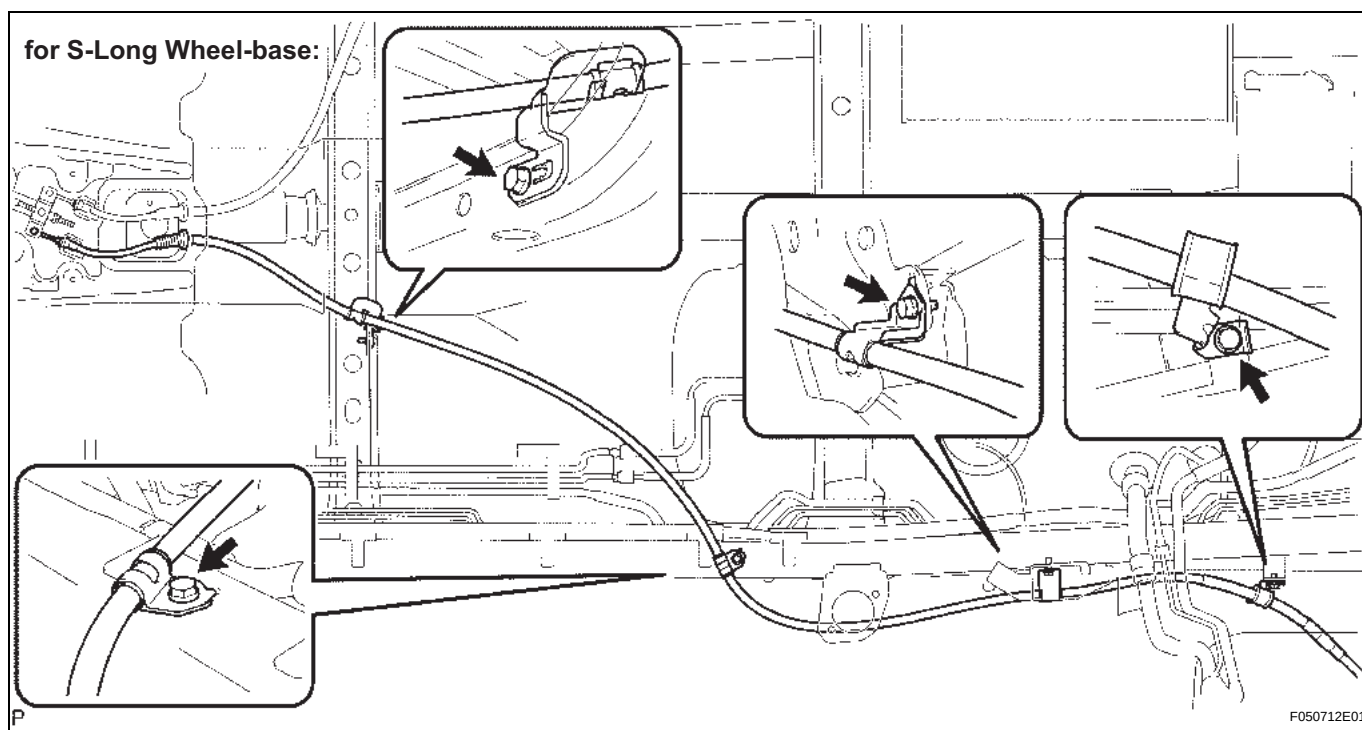


- (e) Remove the lock nut A, adjusting nut B and parking brake cable from the parking brake equalizer.

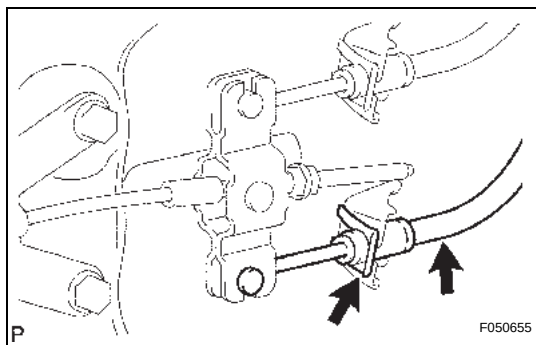
**20. REMOVE PARKING BRAKE CABLE ASSEMBLY NO. 3**

- (a) Remove the 2 bolts and disconnect the parking brake cable from the backing plate.
- (b) Remove the 4 bolts from the parking brake cable.

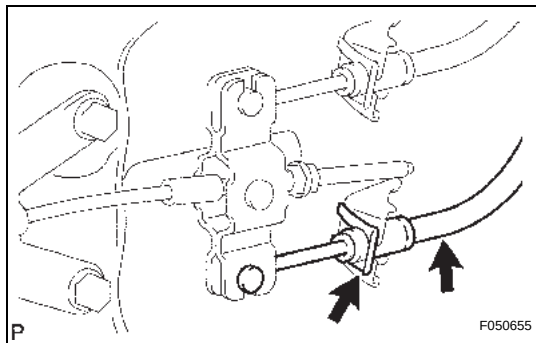




- (c) Disengage the clip and disconnect the parking brake cable from the parking brake equalizer.

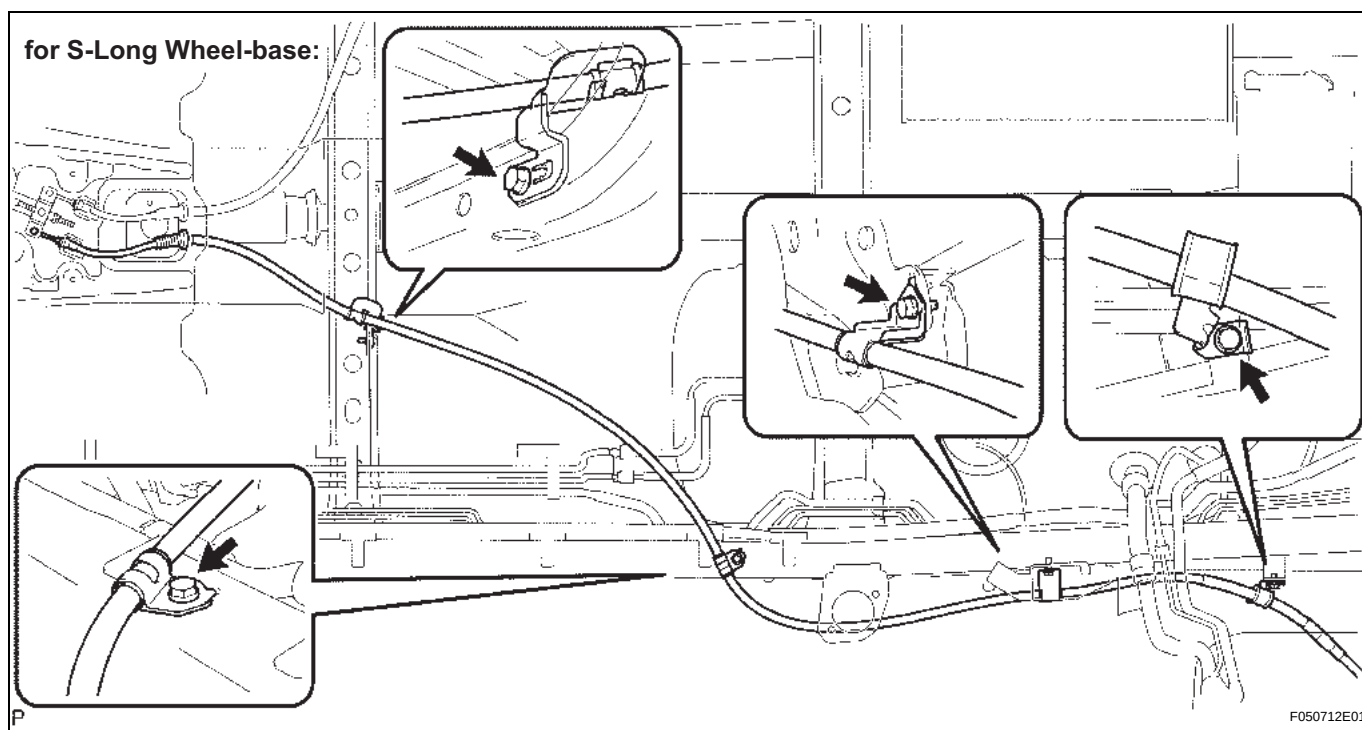


PB

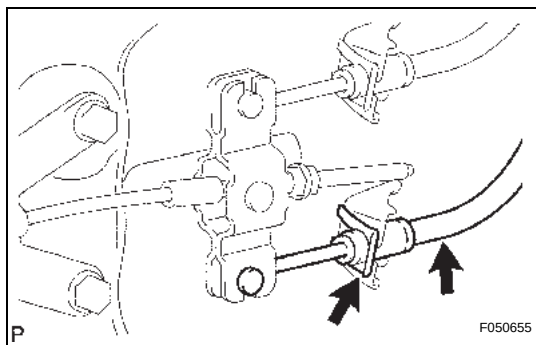


INSTALLATION

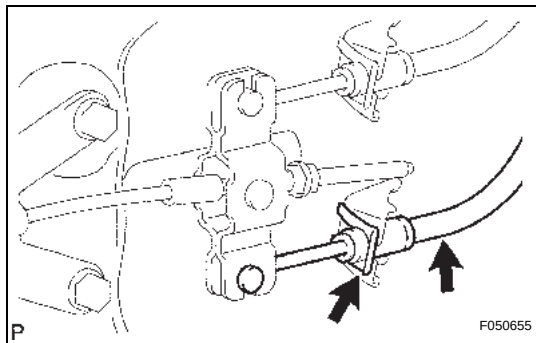
1. **INSTALL PARKING BRAKE CABLE ASSEMBLY NO. 3**
 - (a) Install the parking brake cable with the clip onto the parking brake equalizer.
 - (b) Install the parking brake cable with the 4 bolts.
Torque: 13 N*m (127 kgf*cm, 9 ft.*lbf)



- (c) Disengage the clip and disconnect the parking brake cable from the parking brake equalizer.

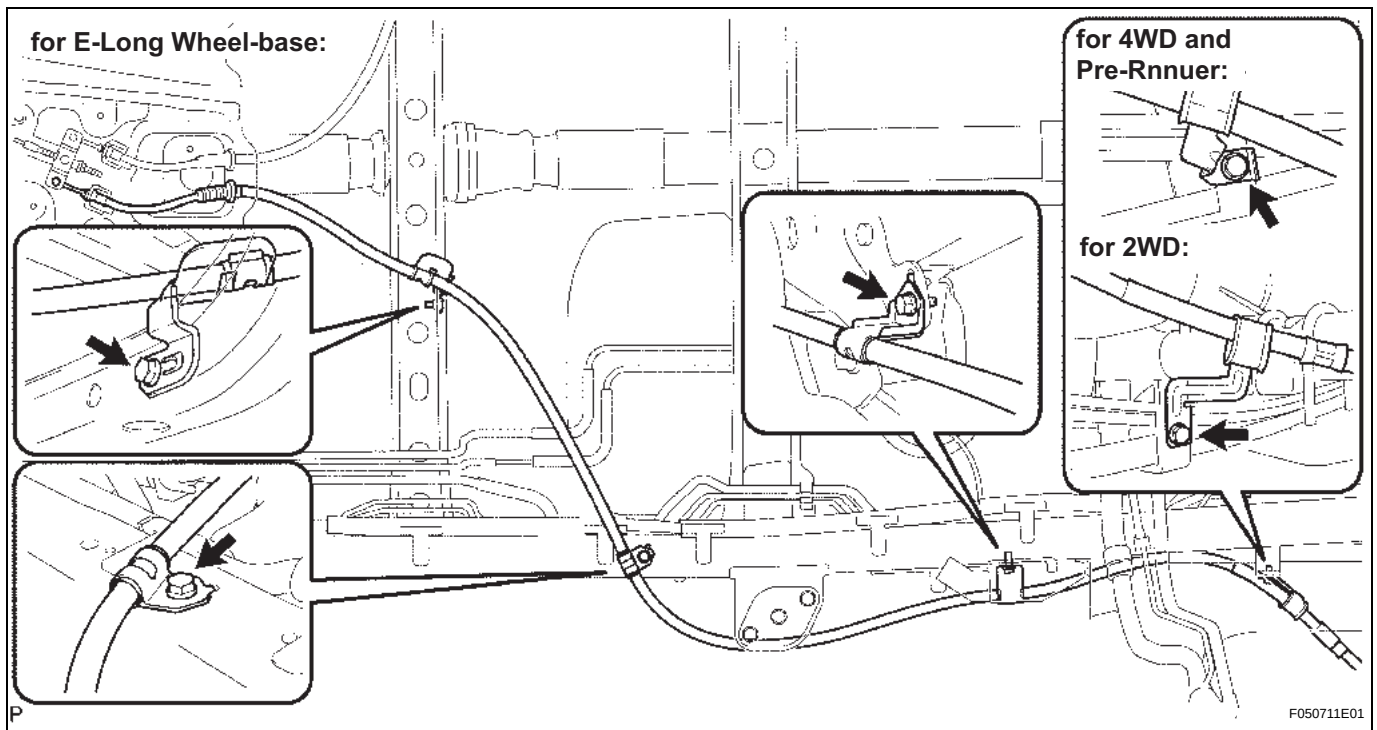
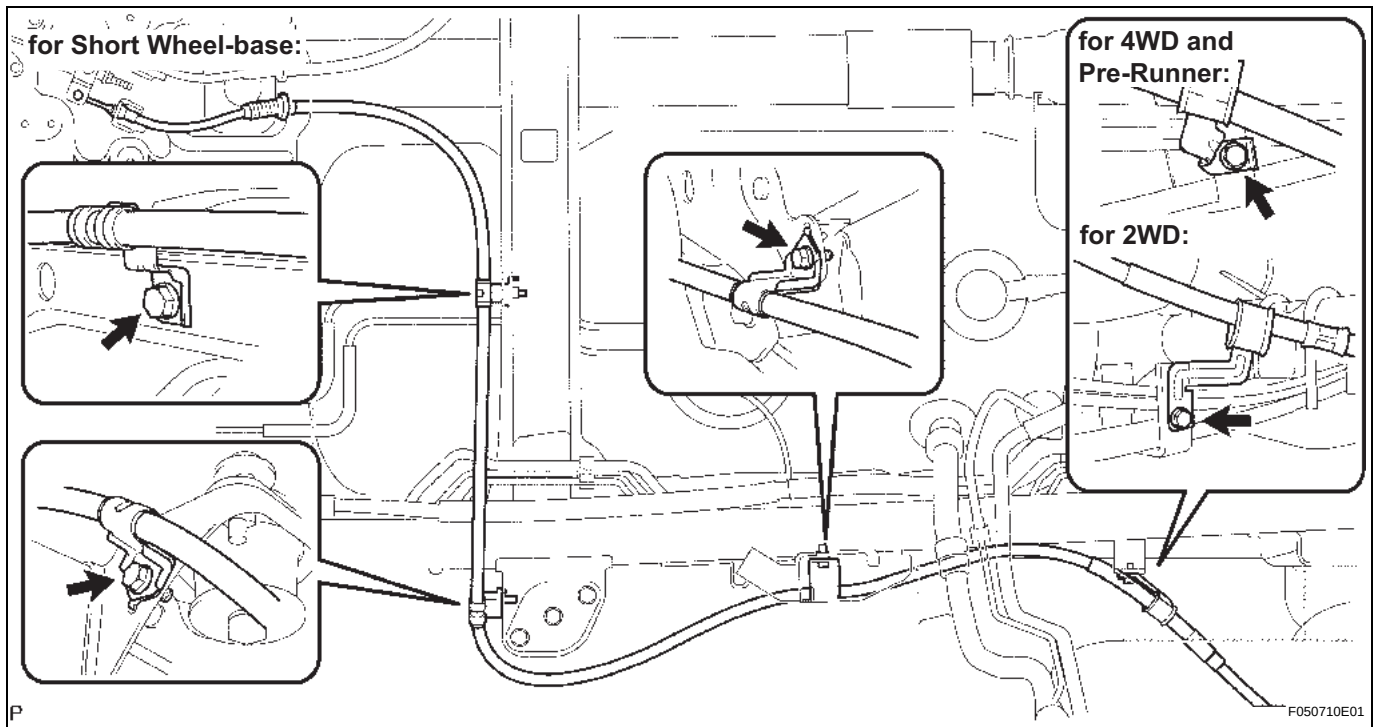


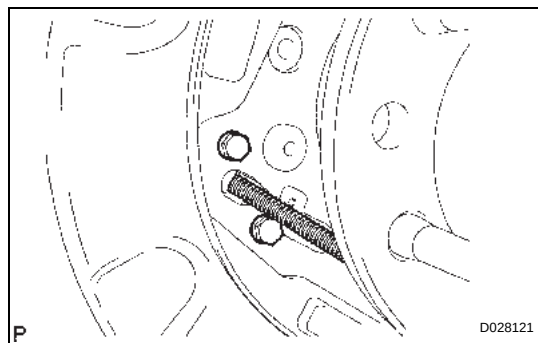
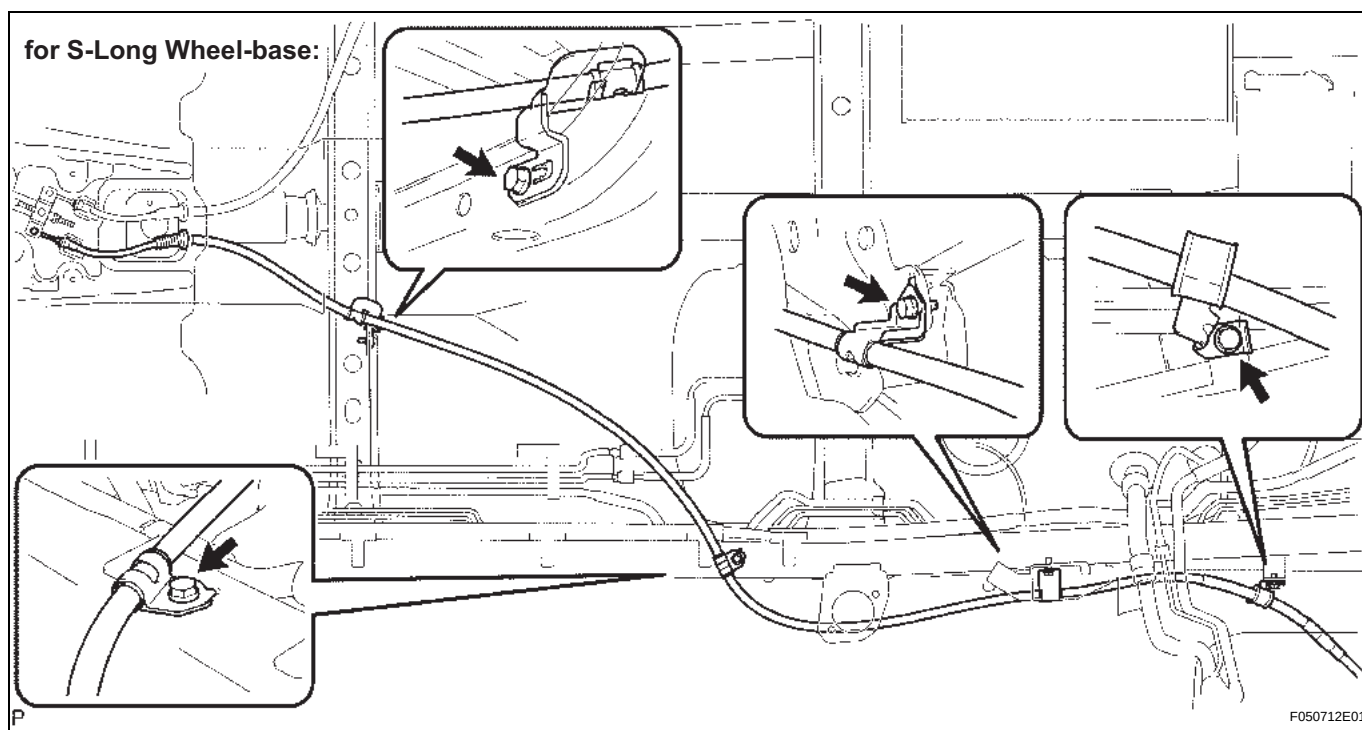
PB



INSTALLATION

1. **INSTALL PARKING BRAKE CABLE ASSEMBLY NO. 3**
 - (a) Install the parking brake cable with the clip onto the parking brake equalizer.
 - (b) Install the parking brake cable with the 4 bolts.
Torque: 13 N*m (127 kgf*cm, 9 ft.*lbf)

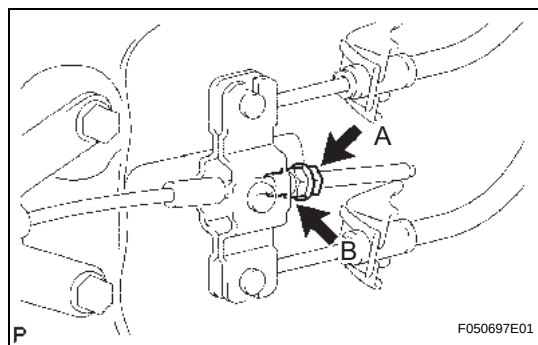




- (c) Install the parking brake cable with the 2 bolts onto the backing plate.

Torque: 8.0 N*m (82 kgf*cm, 71 in.*lbf)

PB



2. INSTALL PARKING BRAKE CABLE ASSEMBLY NO. 1 (for Automatic Transmission)

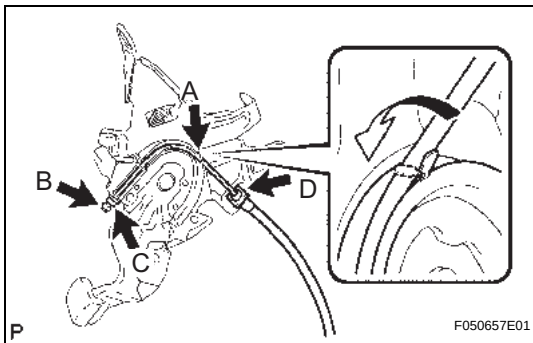
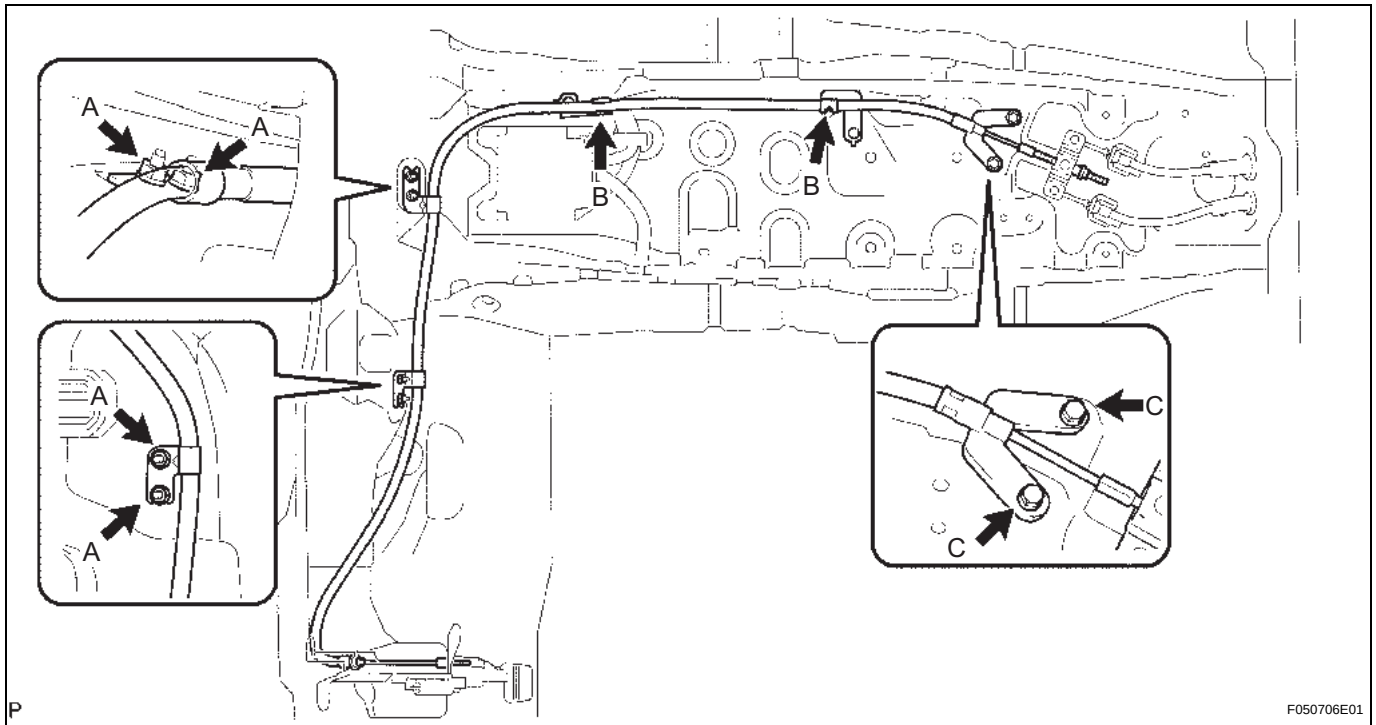
- Install the parking brake cable and provisionally tighten the adjusting nut B and lock nut A.
- Install the parking brake cable with the 4 nuts A, 2 clamps B, 2 bolts C.

Torque: Nut A

6.0 N*m (61 kgf*cm, 53 in.*lbf)

Bolt C

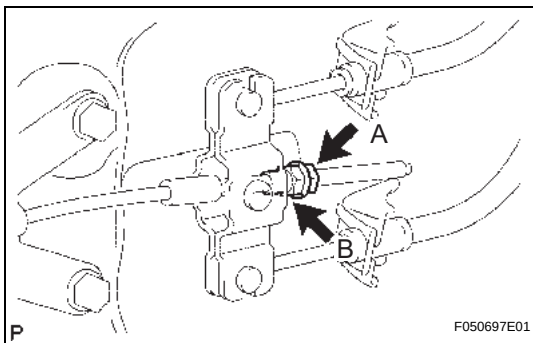
13 N*m (127 kgf*cm, 9 ft.*lbf)



- (c) Install the parking brake cable with the clip D, adjusting nut C and lock nut B onto the parking brake control pedal.

Torque: 13 N*m (127 kgf*cm, 9 ft.*lbf)

- (d) Bend the claw A.



3. INSTALL PARKING BRAKE CABLE ASSEMBLY NO. 1 (for Manual Transmission)

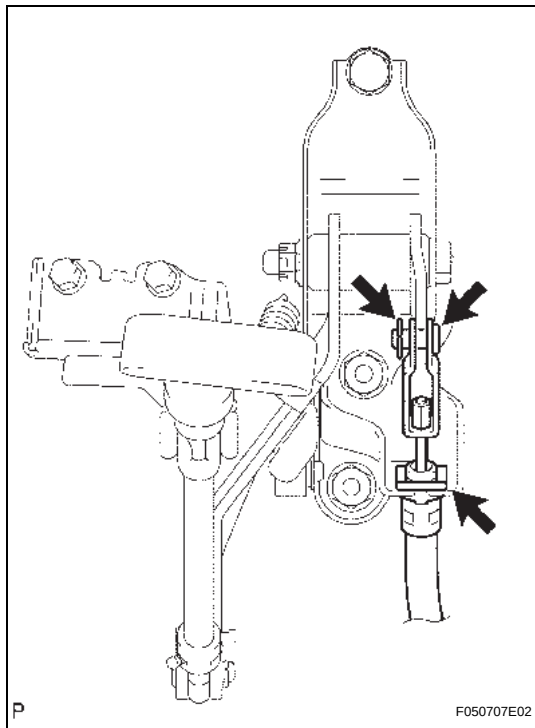
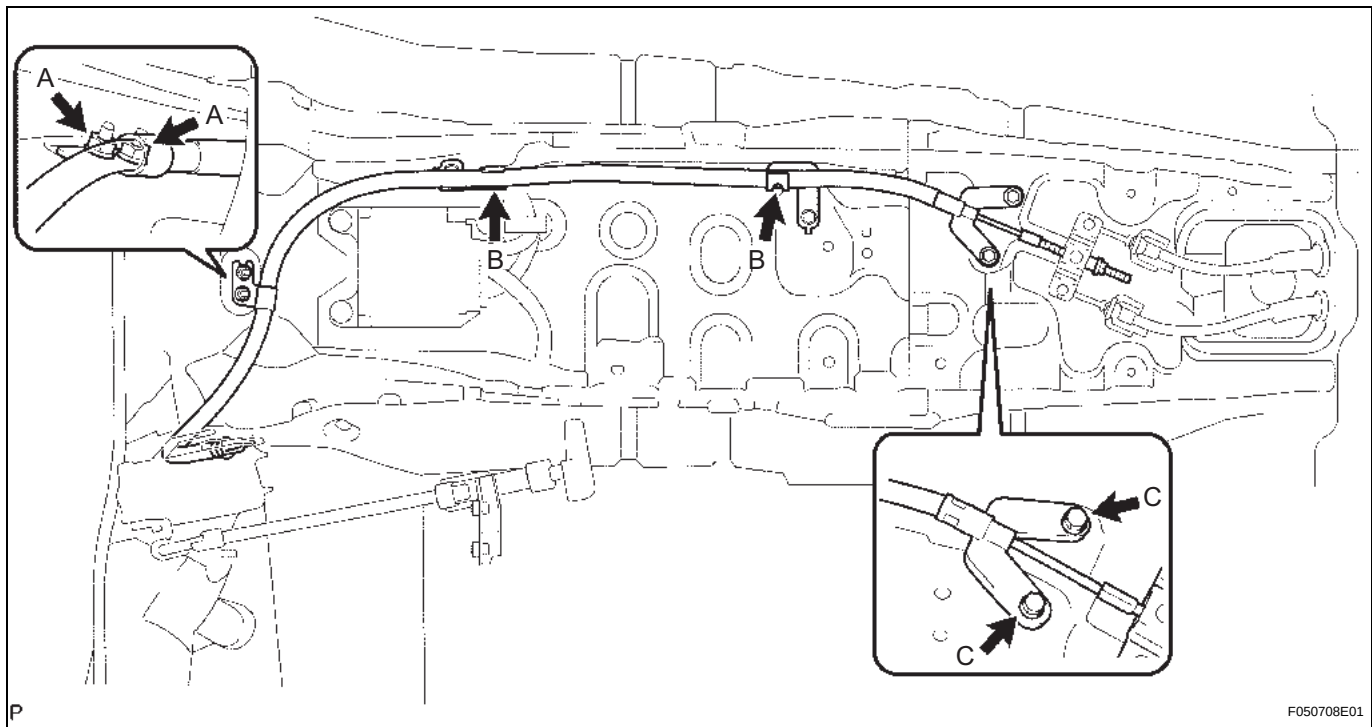
- (a) Install the parking brake cable and provisionally tighten the adjusting B nut and lock nut A.
- (b) Install the parking brake cable with the 2 nuts A, 2 clamps B and 2 bolts C.

Torque: Nut A

6.0 N*m (61 kgf*cm, 53 in.*lbf)

Bolt C

13 N*m (127 kgf*cm, 9 ft.*lbf)



(c) Install the parking brake cable onto the parking brake lever with the clip.

(d) Install the sleeve with the pin and clip.

4. **APPLY HIGH TEMPERATURE GREASE** (See page [BR-71](#))
5. **INSTALL REAR BRAKE SHOE** (See page [BR-71](#))
6. **INSTALL FRONT BRAKE SHOE** (See page [BR-72](#))
7. **INSPECT REAR DRUM BRAKE INSTALLATION** (See page [BR-73](#))
8. **INSTALL REAR BRAKE DRUM SUB-ASSEMBLY** (See page [BR-73](#))
9. **ADJUST REAR DRUM BRAKE SHOE CLEARANCE** (See page [BR-74](#))
10. **INSTALL REAR WHEEL**
Torque: 113 N*m (1,152 kgf*cm, 83 ft.*lbf)
11. **INSTALL PARKING BRAKE CABLE JOINT PROTECTOR** (for Bench Seat Type) (See page [PB-2](#))
12. **INSTALL VOLTAGE INVERTER ASSEMBLY** (w/ Voltage Inverter) (See page [AV-105](#))
13. **INSTALL CENTER AIRBAG SENSOR ASSEMBLY** (See page [RS-603](#))
14. **INSTALL FRONT CONSOLE BOX** (for Automatic Transmission on Separate Seat Type) (See page [IP-24](#))
15. **INSTALL FRONT CONSOLE BOX** (for Manual Transmission on Separate Seat Type) (See page [IP-23](#))

16. **INSTALL FRONT CONSOLE BOX** (for Automatic Transmission on Bench Seat Type) (See page [IP-23](#))
17. **INSTALL FRONT CONSOLE BOX** (for Manual Transmission on Bench Seat Type) (See page [IP-22](#))
18. **INSTALL INSTRUMENT PANEL CUP HOLDER TRAY** (for Automatic Transmission on Separate Seat Type) (See page [IP-24](#))
19. **INSTALL REAR CONSOLE BOX ASSEMBLY** (for Separate Seat Type) (See page [IP-24](#))
20. **INSTALL CONSOLE UPPER REAR PANEL SUB-ASSEMBLY** (for Automatic Transmission on Separate Seat Type) (See page [IP-25](#))
21. **INSTALL CONSOLE UPPER REAR PANEL SUB-ASSEMBLY** (for Manual Transmission on Separate Seat Type) (See page [IP-25](#))
22. **CONNECT CABLE TO NEGATIVE BATTERY TERMINAL**
Torque: 3.9 N*m (40 kgf*cm, 35 in.*lbf)
(See page [IN-5](#))
23. **INSPECT SRS WARNING LIGHT**
(See page [RS-28](#))
24. **INSPECT PARKING BRAKE PEDAL TRAVEL** (for Automatic Transmission) (See page [PB-1](#))
25. **INSPECT PARKING BRAKE LEVER TRAVEL** (for Manual Transmission) (See page [PB-1](#))
26. **ADJUST PARKING BRAKE PEDAL TRAVEL** (for Automatic Transmission) (See page [PB-2](#))
27. **ADJUST PARKING BRAKE LEVER TRAVEL** (for Manual Transmission) (See page [PB-2](#))