

PARKING BRAKE SYSTEM

PROBLEM SYMPTOMS TABLE

Use the table below to help determine the cause of the problem. The numbers indicate the priority of the likely cause of the problem. Check each part in order. If necessary, replace these parts.

Symptom	Suspected area	See page
Brake drag	1. Parking brake lever travel (Out of adjustment)	PB-1
	2. Parking brake pedal travel (Out of adjustment)	PB-1
	3. Parking brake wire (Sticking) [No. 1 cable]	PB-48
	4. Parking brake wire (Sticking) [No. 2/No. 3 cable]	PB-48
	5. Parking brake shoe clearance (Out of adjustment)	PB-1
	6. Parking brake shoe lining (Cracked or distorted)	PB-60
	7. Tension or return spring (Damaged)	PB-58

PB-2

PARKING BRAKE – PARKING BRAKE SYSTEM

ADJUSTMENT

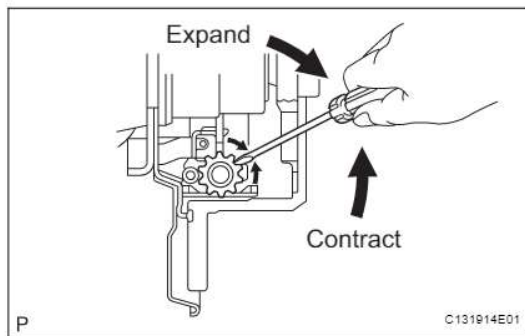
1. REMOVE REAR WHEEL

2. ADJUST PARKING BRAKE SHOE CLEARANCE

- Temporarily install the hub nuts.
- Remove the shoe adjusting hole plug.
- Turn the shoe adjuster and expand the shoe until the disc locks.
- Turn and contract the shoe adjuster until the disc can rotate smoothly.

Standard:**Return 8 notches**

- Check that there is no brake drag against the shoe.
- Install the shoe adjusting hole plug.
- Remove the hub nuts.



3. INSTALL REAR WHEEL

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

4. INSPECT PARKING BRAKE PEDAL TRAVEL (for Automatic Transaxle)

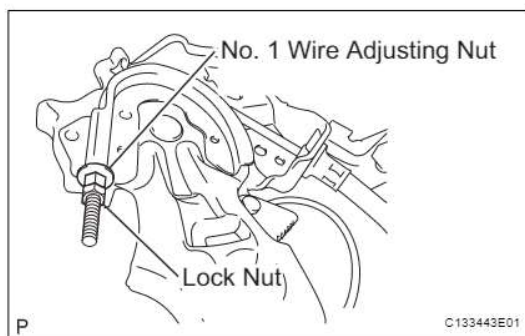
- Fully depress the parking brake pedal and release it to engage the parking brake.
- Depress the pedal to the floor again, and release it to disengage the parking brake.
- Slowly depress the parking brake pedal to the floor, and count the number of clicks.

Parking brake pedal travel:

7 to 10 notches at 300 N (31 kgf, 67 lbf)

5. ADJUST PARKING BRAKE PEDAL TRAVEL (for Automatic Transaxle)

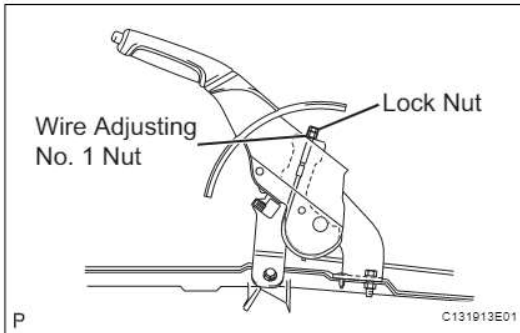
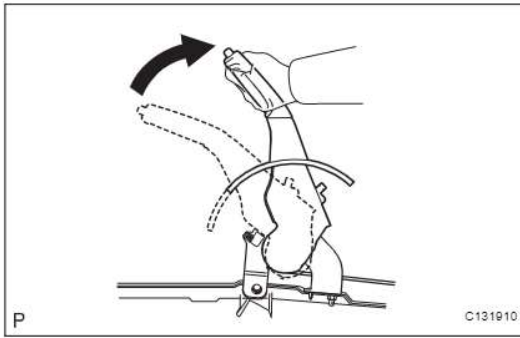
- Depress the parking brake pedal. Hold the No. 1 wire adjusting nut using a wrench and loosen the lock nut.
 - Release the parking brake pedal.
 - Turn the No. 1 wire adjusting nut until the parking brake pedal travel meets the above specification.
 - Hold the No. 1 wire adjusting nut using a wrench or an equivalent tool and tighten the lock nut.
- Torque: 5.4 N*m (55 kgf*cm, 48 in.*lbf)**
- Count the number of clicks after depressing and releasing the parking brake pedal 3 or 4 times.
 - Check whether the parking brake drags.
 - When operating the parking brake pedal, check that the parking brake indicator light comes on.



6. INSPECT PARKING BRAKE LEVER TRAVEL (for Manual Transaxle)

- Pull the parking brake lever firmly.
- Release the parking brake lock, and return the parking brake lever to its off position.

PB

PARKING BRAKE – PARKING BRAKE SYSTEM**PB-3**

- (c) Slowly pull the parking brake lever all the way up, and count the number of clicks.

Parking brake lever travel:**7 to 9 notches at 200 N (20 kgf, 45 lbf)****7. ADJUST PARKING BRAKE LEVER TRAVEL (for Manual Transaxle)**

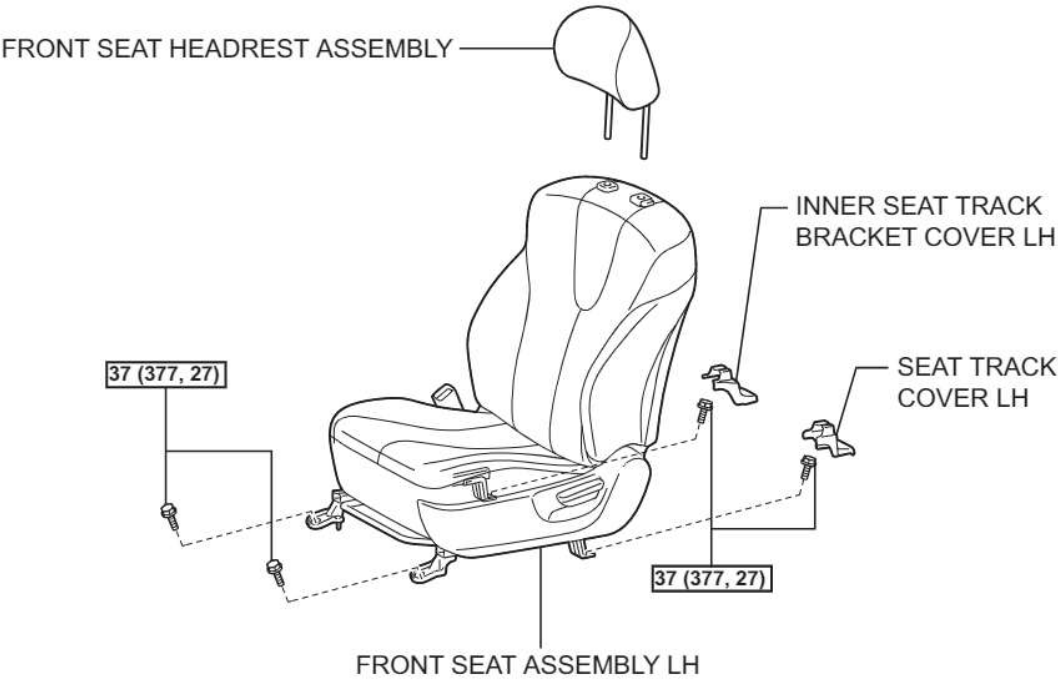
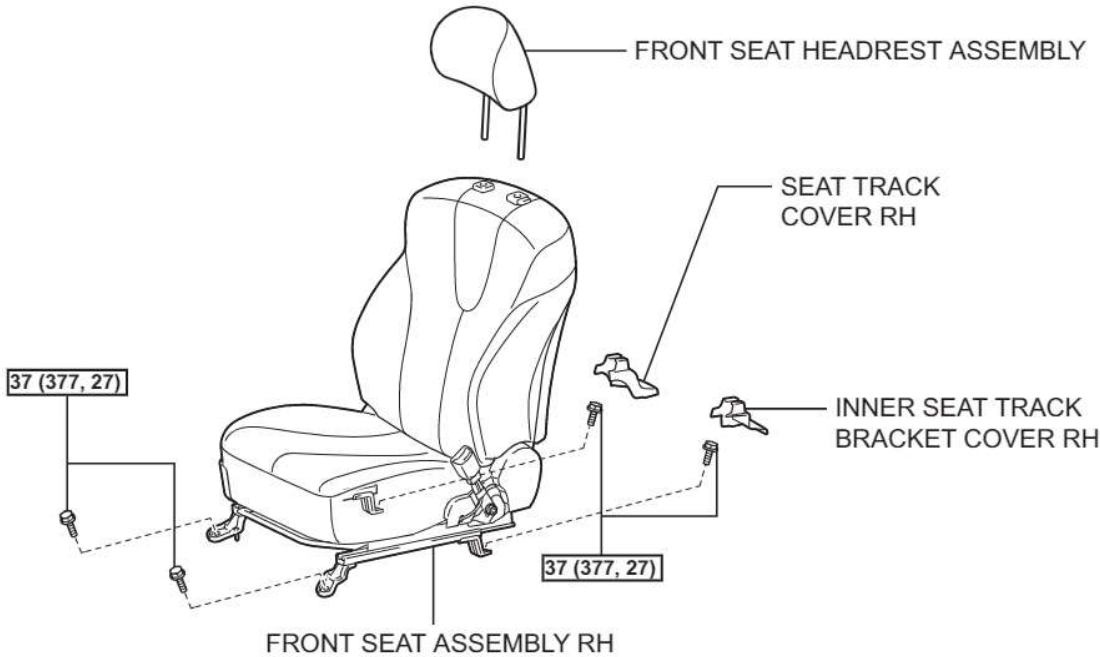
- (a) Pull up the parking brake lever. Hold the No. 1 wire adjusting nut using a wrench and loosen the lock nut.
- (b) Release the parking brake lever.
- (c) Turn the No. 1 wire adjusting nut until the parking brake lever travel meets the above specification.
- (d) Hold the No. 1 wire adjusting nut using a wrench or an equivalent tool and tighten the lock nut.
Torque: 5.0 N*m (51 kgf*cm, 44 in.*lbf)
- (e) Count the number of clicks after depressing and releasing the parking brake lever 3 or 4 times.
- (f) Check whether the parking brake drags.
- (g) When operating the parking brake lever, check that the parking brake indicator light comes on.

PB

PARKING BRAKE LEVER

COMPONENTS

for Manual Seat:

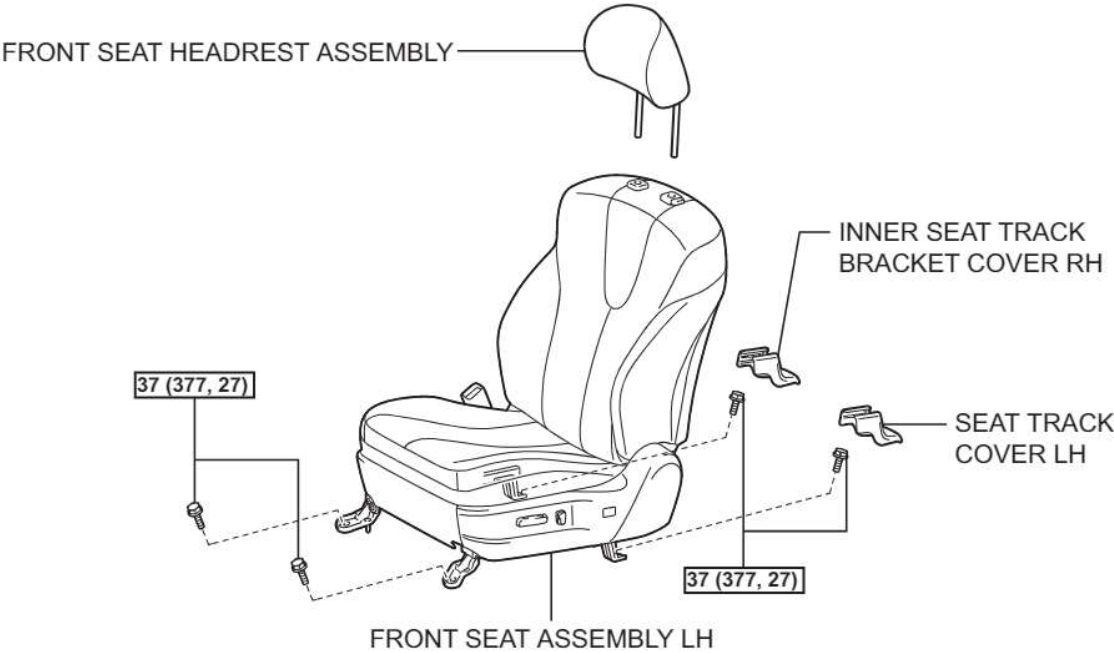
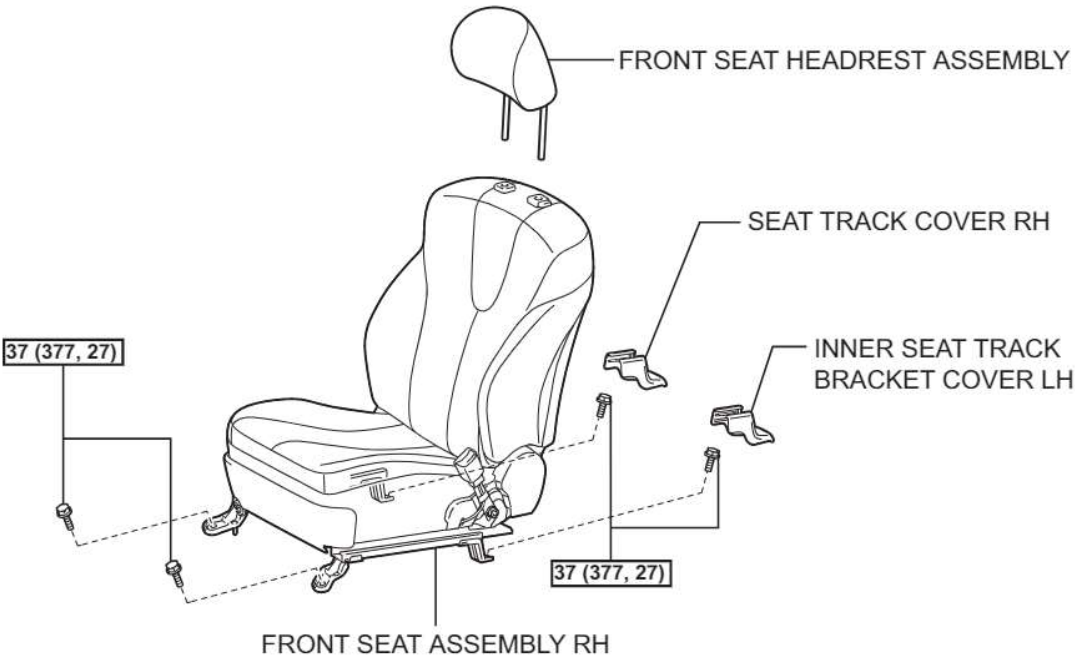


N*m (kgf*cm, ft.*lbf) : Specified torque

PB-4

PARKING BRAKE – PARKING BRAKE LEVER

for Power Seat:



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

P

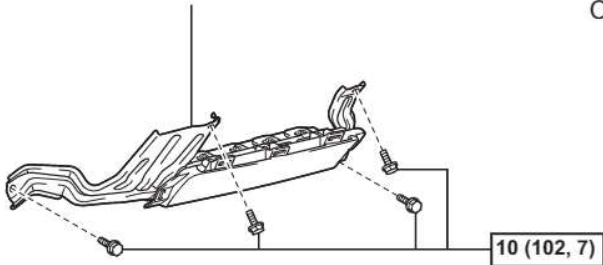
B132047E01

PARKING BRAKE – PARKING BRAKE LEVER

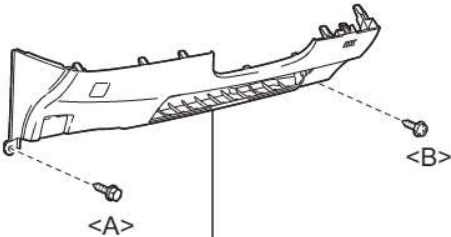
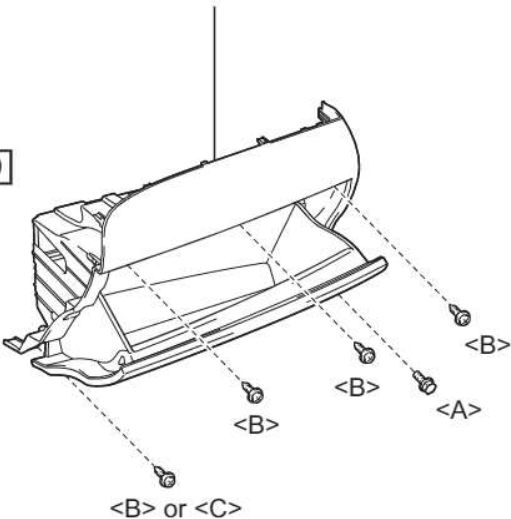
PB-5

for TMC made:

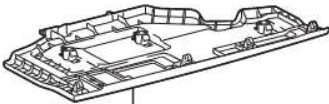
DRIVER SIDE KNEE AIRBAG ASSEMBLY



INSTRUMENT PANEL NO. 2 UNDER COVER SUB-ASSEMBLY



LOWER INSTRUMENT
PANEL FINISH PANEL LH



LOWER INSTRUMENT
PANEL SUB-ASSEMBLY

UPPER CONSOLE
PANEL SUB-ASSEMBLY



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

C133459E01

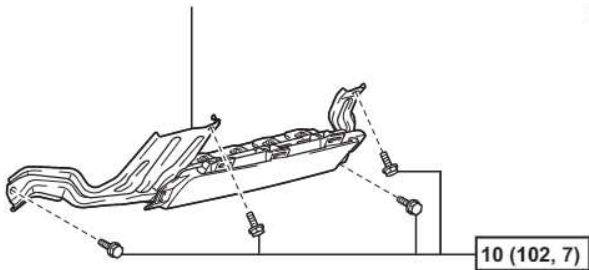
PB

PB-6

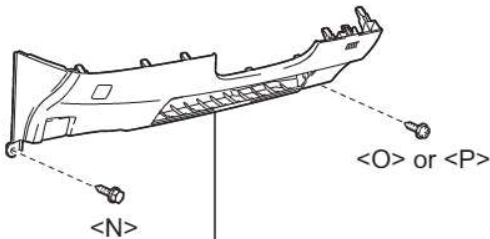
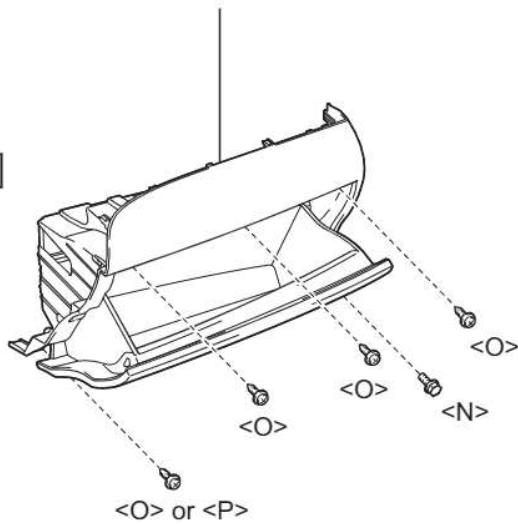
PARKING BRAKE – PARKING BRAKE LEVER

for TMMK made:

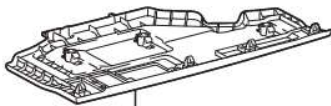
DRIVER SIDE KNEE AIRBAG ASSEMBLY



INSTRUMENT PANEL NO. 2 UNDER COVER SUB-ASSEMBLY

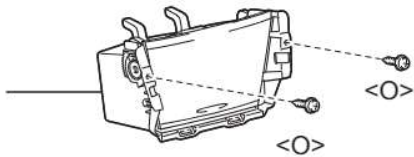


LOWER INSTRUMENT
PANEL FINISH PANEL LH



LOWER INSTRUMENT
PANEL SUB-ASSEMBLY

UPPER CONSOLE
PANEL SUB-ASSEMBLY



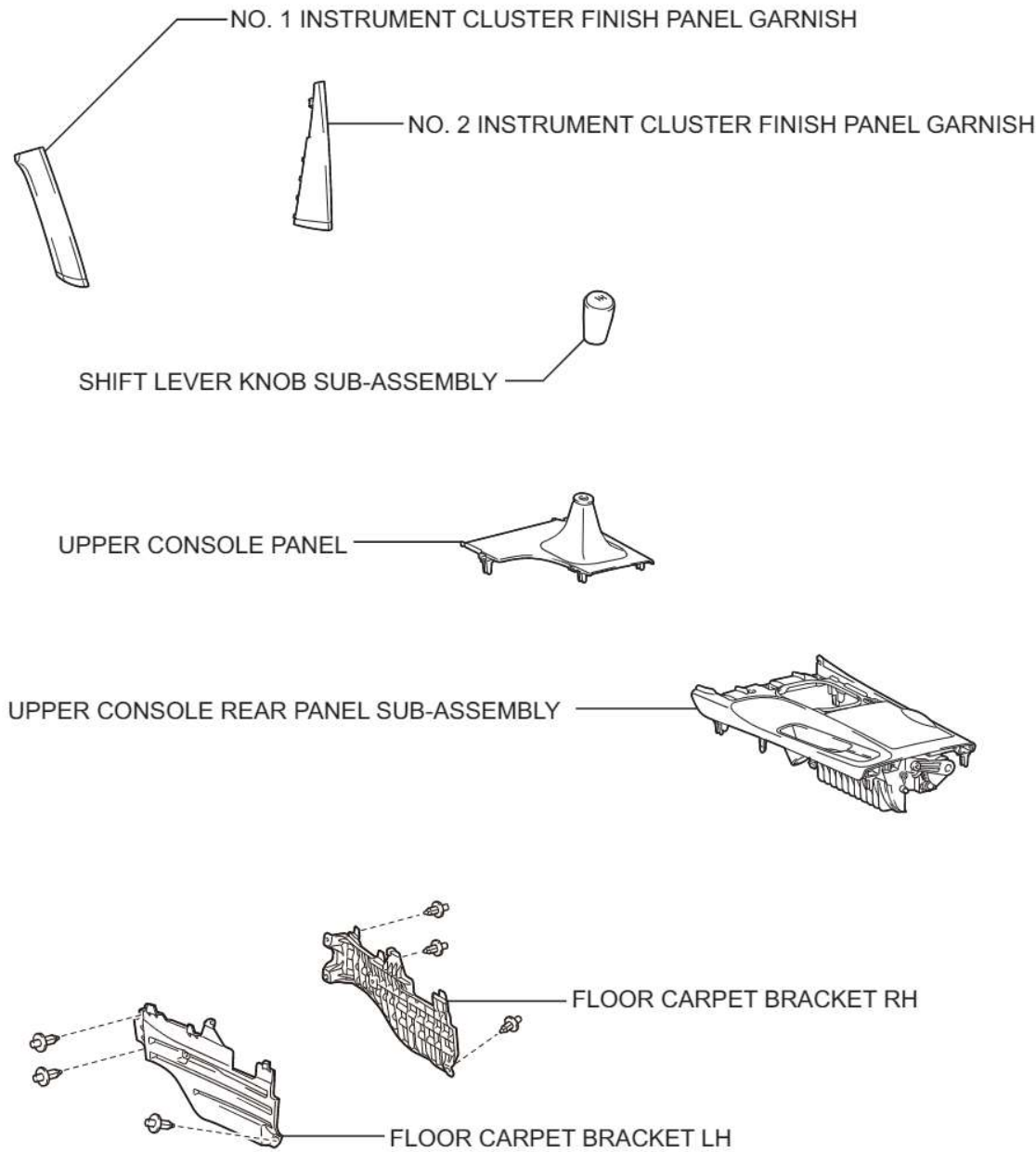
N*m (kgf*cm, ft.*lbf) : Specified torque

C133459E02

PB

PARKING BRAKE – PARKING BRAKE LEVER

PB-7



PB

C133456E01

PB-8

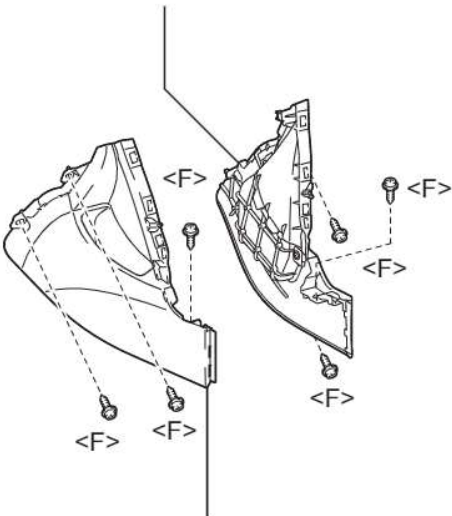
PARKING BRAKE – PARKING BRAKE LEVER

for TMC made:

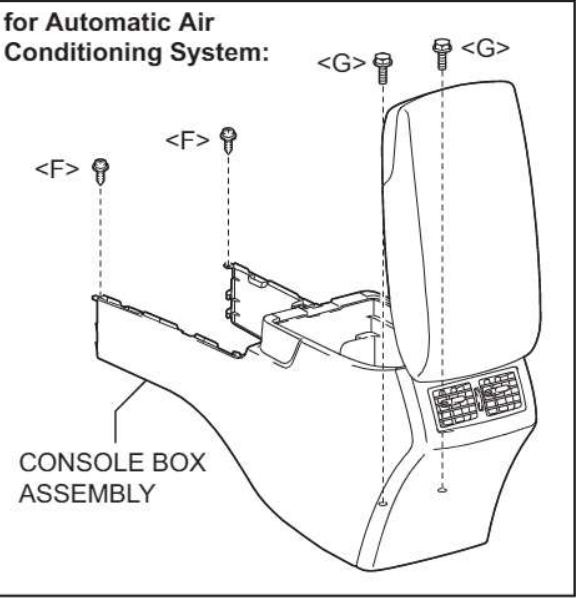
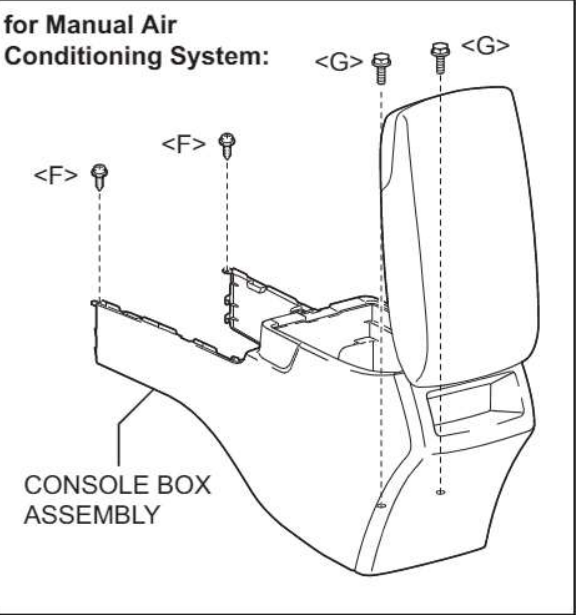
CONSOLE BOX POCKET 

CONSOLE BOX CARPET 

NO. 1 CONSOLE BOX INSERT FRONT



NO. 2 CONSOLE BOX INSERT FRONT



C141855E01

PARKING BRAKE – PARKING BRAKE LEVER

PB-9

for TMMK made:

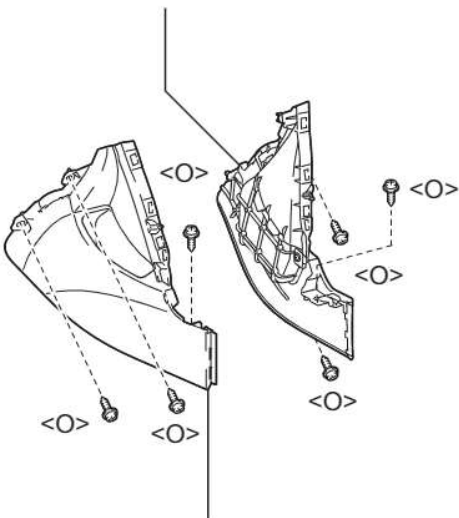
CONSOLE BOX POCKET



CONSOLE BOX CARPET

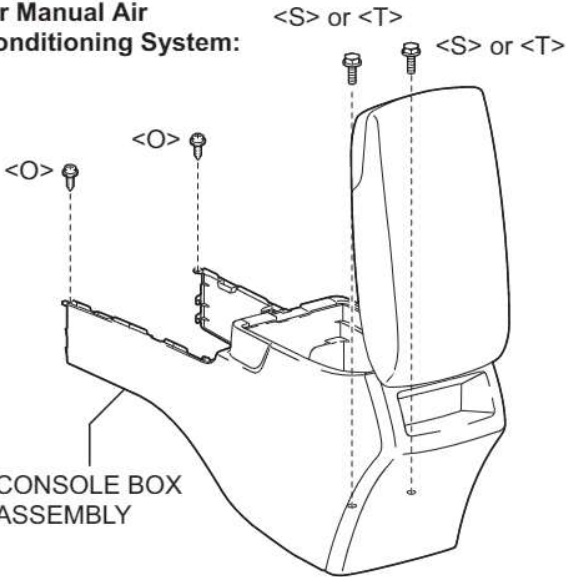


NO. 1 CONSOLE BOX INSERT FRONT

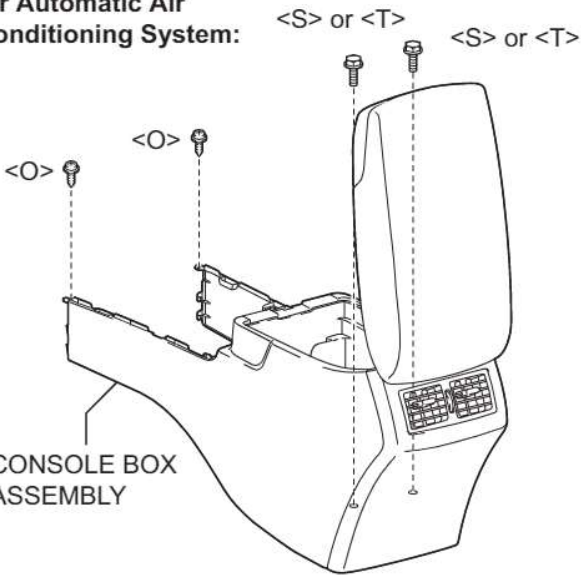


NO. 2 CONSOLE BOX INSERT FRONT

for Manual Air Conditioning System:



for Automatic Air Conditioning System:

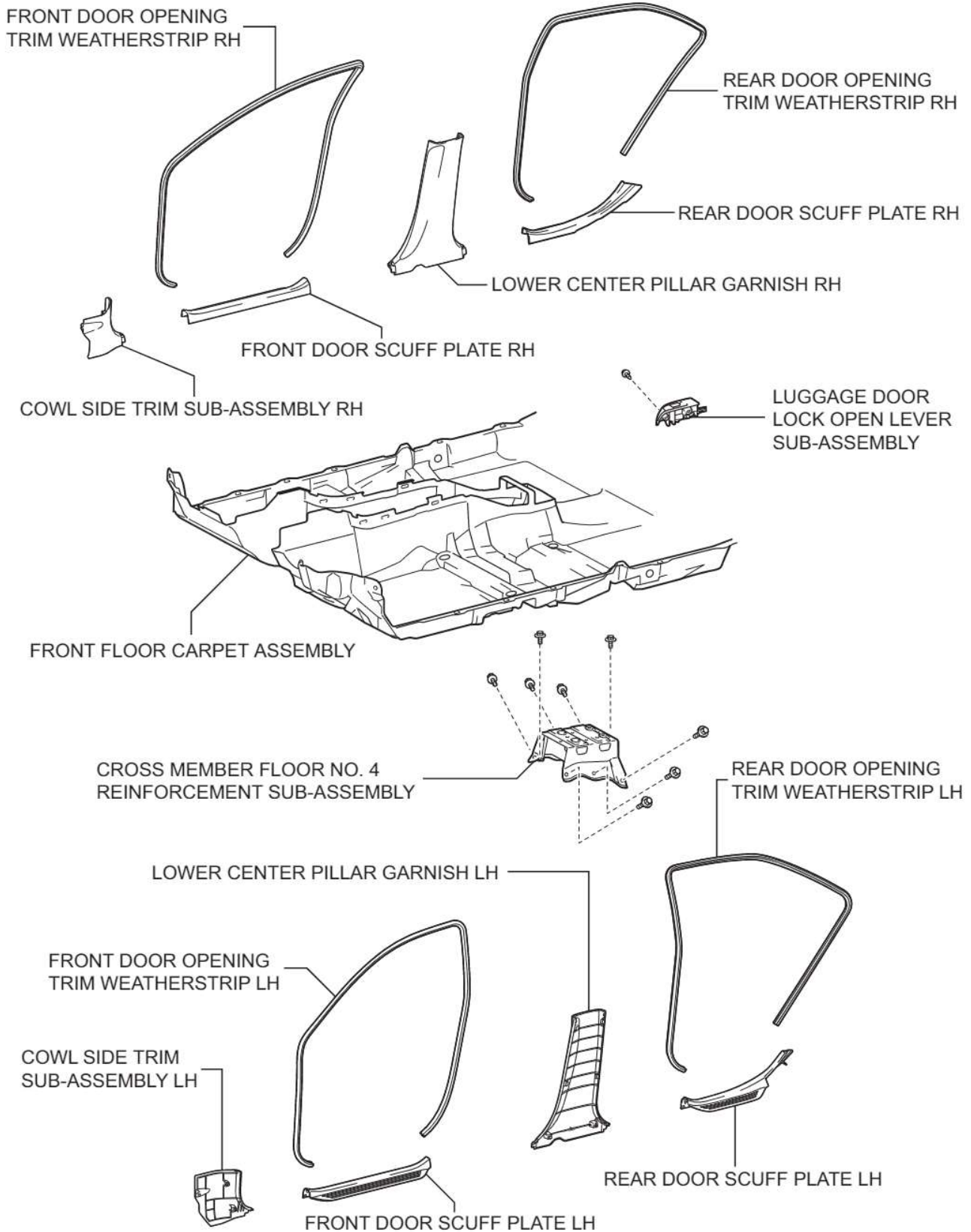


PB

C141955E02

PB-10

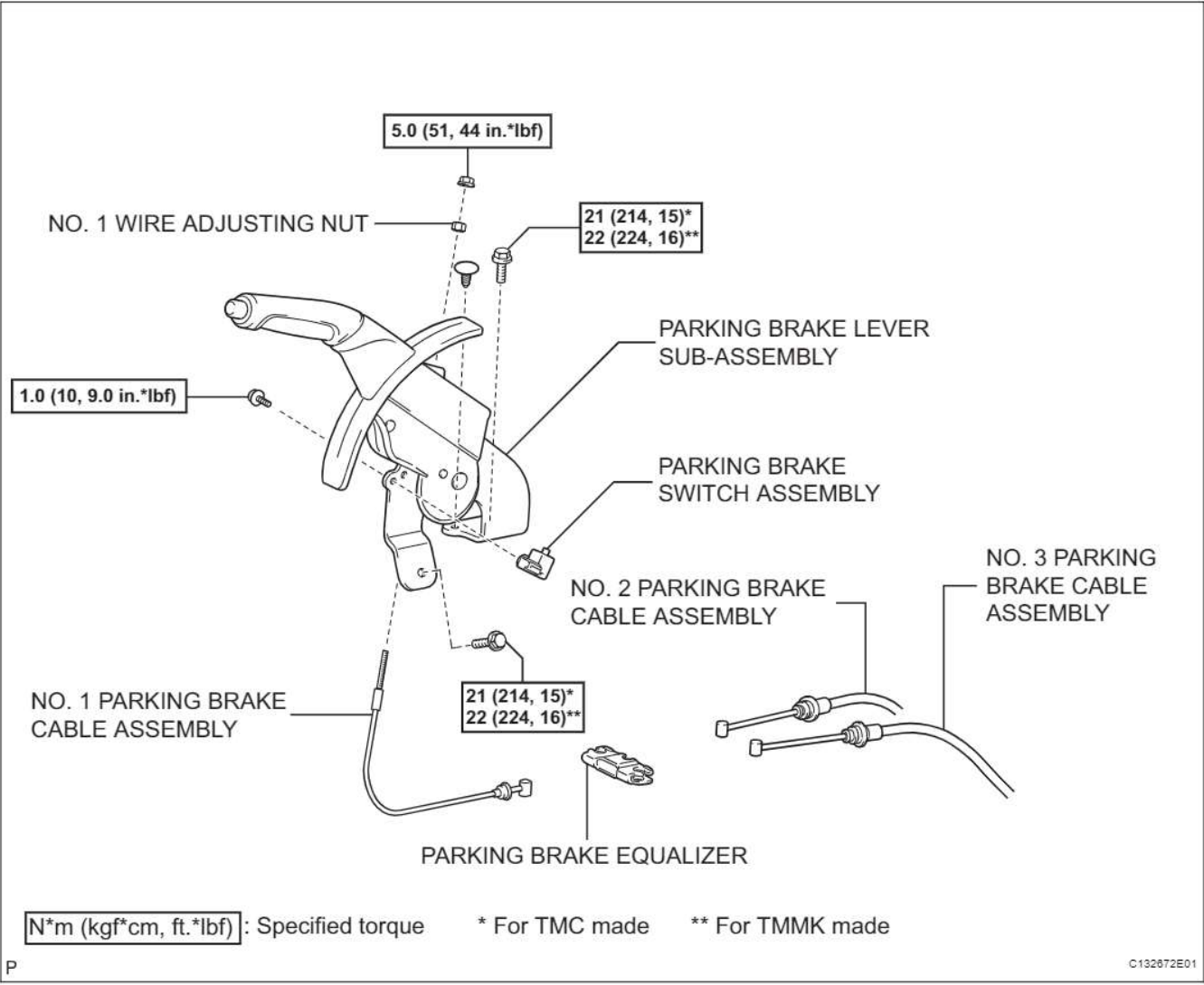
PARKING BRAKE – PARKING BRAKE LEVER



PARKING BRAKE – PARKING BRAKE LEVER

PB-11

PB



REMOVAL

1. **PRECAUTION**
(See page [IP-1](#))
2. **DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL (for Manual Seat)**
CAUTION:
Wait for 90 seconds after disconnecting the cable to prevent the airbag working. (See page [RS-1](#))
3. **REMOVE FRONT SEAT ASSEMBLY LH (for Manual Seat)**
HINT:
Refer to the procedures up to "REMOVE FRONT SEAT ASSEMBLY (for Manual Seat)". (See page [SE-16](#))
4. **REMOVE FRONT SEAT ASSEMBLY RH (for Manual Seat)**
HINT:
Use the same procedures for the RH side and the LH side.
5. **REMOVE FRONT SEAT ASSEMBLY LH (for Power Seat)**
HINT:
Refer to the procedures up to "REMOVE FRONT SEAT ASSEMBLY (for Power Seat)". (See page [SE-30](#))
6. **REMOVE FRONT SEAT ASSEMBLY RH (for Power Seat)**
HINT:
Use the same procedures for the RH side and the LH side.
7. **REMOVE COWL SIDE TRIM SUB-ASSEMBLY LH (See page [IR-25](#))**
8. **REMOVE COWL SIDE TRIM SUB-ASSEMBLY RH (See page [IR-26](#))**
9. **REMOVE INSTRUMENT PANEL NO. 2 UNDER COVER SUB-ASSEMBLY (See page [IP-23](#))**
10. **REMOVE LOWER INSTRUMENT PANEL FINISH PANEL LH (for TMC Made) (See page [IP-20](#))**
11. **REMOVE LOWER INSTRUMENT PANEL FINISH PANEL LH (for TMMK Made) (See page [IP-21](#))**
12. **REMOVE DRIVER SIDE KNEE AIRBAG ASSEMBLY (See page [RS-370](#))**
13. **REMOVE LOWER INSTRUMENT PANEL SUB-ASSEMBLY (for TMC Made) (See page [IP-23](#))**
14. **REMOVE LOWER INSTRUMENT PANEL SUB-ASSEMBLY (for TMMK Made) (See page [IP-24](#))**
15. **REMOVE SHIFT LEVER KNOB SUB-ASSEMBLY (See page [IP-24](#))**

PARKING BRAKE – PARKING BRAKE LEVER**PB-13**

16. REMOVE NO. 1 INSTRUMENT CLUSTER FINISH PANEL GARNISH (See page [IP-24](#))
17. REMOVE NO. 2 INSTRUMENT CLUSTER FINISH PANEL GARNISH (See page [IP-25](#))
18. REMOVE UPPER CONSOLE PANEL (See page [IP-25](#))
19. REMOVE UPPER CONSOLE REAR PANEL SUB-ASSEMBLY (See page [IP-26](#))
20. REMOVE UPPER CONSOLE PANEL SUB-ASSEMBLY (for TMC Made) (See page [IP-27](#))
21. REMOVE UPPER CONSOLE PANEL SUB-ASSEMBLY (for TMMK Made) (See page [IP-27](#))
22. REMOVE CONSOLE BOX POCKET (See page [IP-28](#))
23. REMOVE CONSOLE BOX CARPET (See page [IP-28](#))
24. REMOVE CONSOLE BOX ASSEMBLY (for TMC Made) (See page [IP-28](#))
25. REMOVE CONSOLE BOX ASSEMBLY (for TMMK Made) (See page [IP-29](#))
26. REMOVE NO. 2 CONSOLE BOX INSERT FRONT (for TMC Made) (See page [IP-29](#))
27. REMOVE NO. 2 CONSOLE BOX INSERT FRONT (for TMMK Made) (See page [IP-30](#))
28. REMOVE NO. 1 CONSOLE BOX INSERT FRONT (for TMC Made) (See page [IP-30](#))
29. REMOVE NO. 1 CONSOLE BOX INSERT FRONT (for TMMK Made) (See page [IP-30](#))
30. REMOVE FLOOR CARPET BRACKET LH (See page [AC-155](#))
31. REMOVE FLOOR CARPET BRACKET RH (See page [AC-155](#))
32. REMOVE FRONT DOOR SCUFF PLATE LH (See page [IR-24](#))
33. REMOVE FRONT DOOR OPENING TRIM WEATHERSTRIP LH
34. REMOVE REAR DOOR SCUFF PLATE LH (See page [IR-24](#))
35. REMOVE REAR DOOR OPENING TRIM WEATHERSTRIP LH
36. REMOVE LOWER CENTER PILLAR GARNISH LH (See page [IR-25](#))
37. REMOVE FRONT DOOR SCUFF PLATE RH (See page [IR-26](#))
38. REMOVE FRONT DOOR OPENING TRIM WEATHERSTRIP RH

PB

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PARKING BRAKE – PARKING BRAKE LEVER

39. REMOVE REAR DOOR SCUFF PLATE RH (See page IR-24)

40. REMOVE REAR DOOR OPENING TRIM WEATHERSTRIP RH

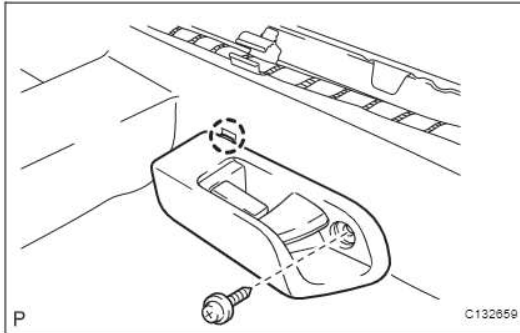
41. REMOVE LOWER CENTER PILLAR GARNISH RH (See page IR-26)

42. REMOVE LUGGAGE DOOR LOCK OPEN LEVER SUB-ASSEMBLY

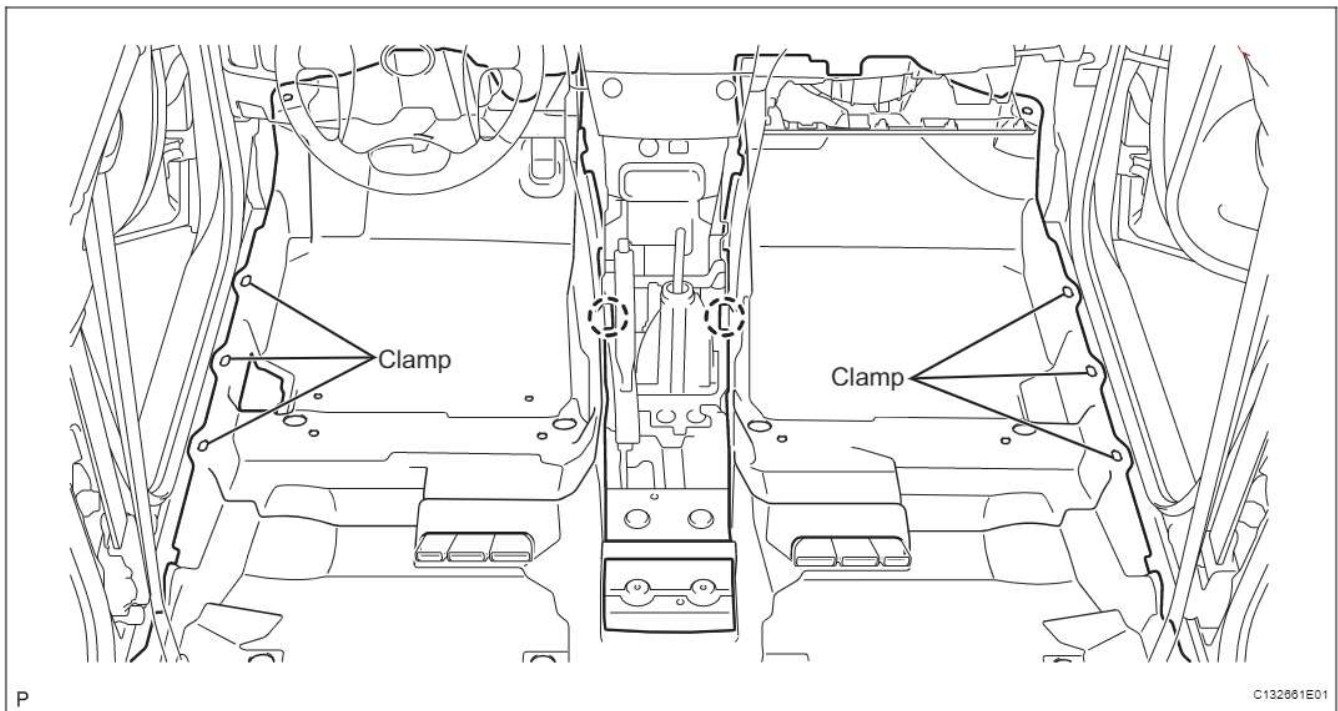
- (a) Remove the screw.
- (b) Disengage the claw and remove the luggage door open lever sub-assembly.

43. REMOVE FRONT FLOOR CARPET ASSEMBLY

- (a) Disengage the 6 clamps and the 2 claws.



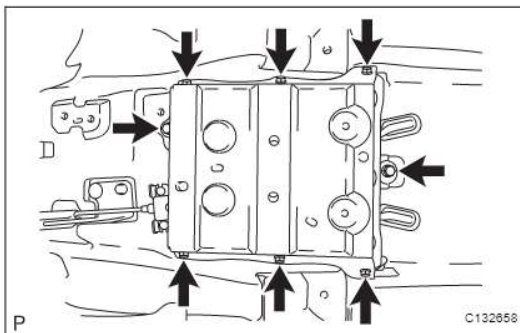
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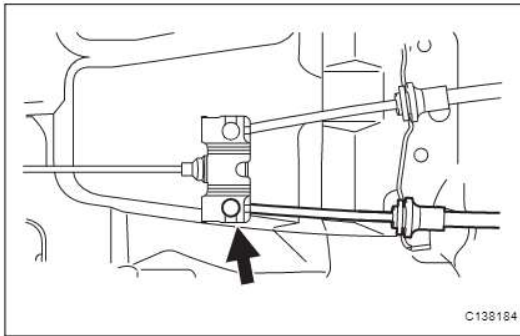


- (b) Turn back the front floor carpet assembly until the bolts of the cross member floor No. 4 reinforcement sub-assembly can be seen.

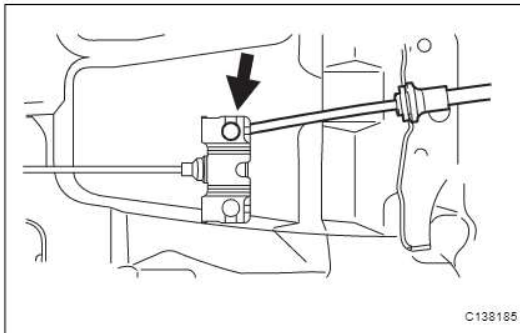
44. REMOVE CROSS MEMBER FLOOR NO. 4 REINFORCEMENT SUB-ASSEMBLY

- (a) Remove the 8 bolts and the cross member floor No. 4 reinforcement sub-assembly.

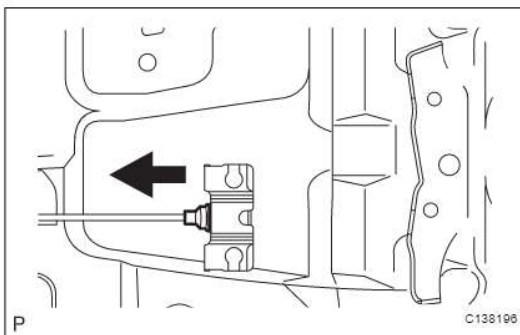


PARKING BRAKE – PARKING BRAKE LEVER**PB-15****45. SEPARATE NO. 3 PARKING BRAKE CABLE ASSEMBLY**

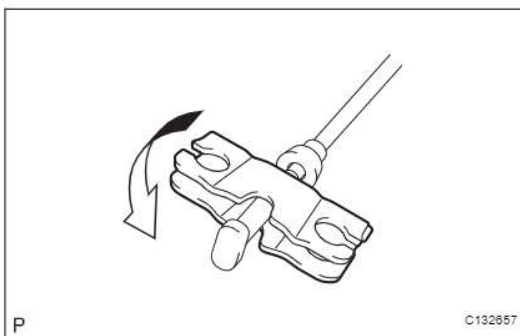
- (a) Separate the No. 3 parking brake cable assembly from the parking brake equalizer.

**46. SEPARATE NO. 2 PARKING BRAKE CABLE ASSEMBLY**

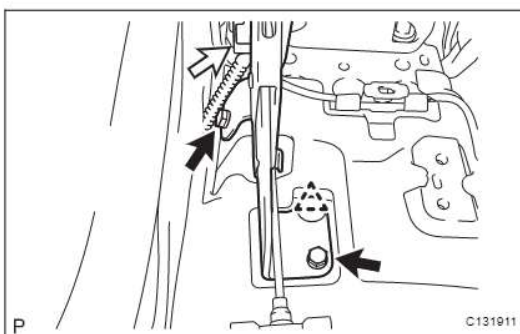
- Separate the No. 2 parking brake cable assembly from the parking brake equalizer.

**47. REMOVE PARKING BRAKE EQUALIZER**

- (a) Slide the rubber boot as shown in the illustration.



- (b) Remove the parking brake equalizer from the No. 1 parking brake cable assembly.

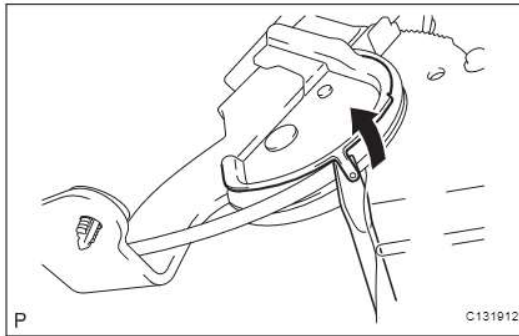
**48. REMOVE PARKING BRAKE LEVER SUB-ASSEMBLY**

- (a) Disconnect the parking brake switch connector.
(b) Remove the 2 bolts, the clip, and the parking brake lever.

PB

PB-16

PARKING BRAKE – PARKING BRAKE LEVER

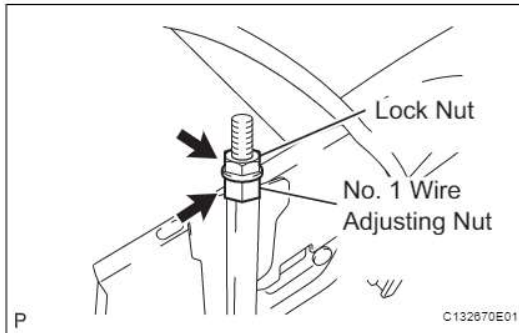


DISASSEMBLY

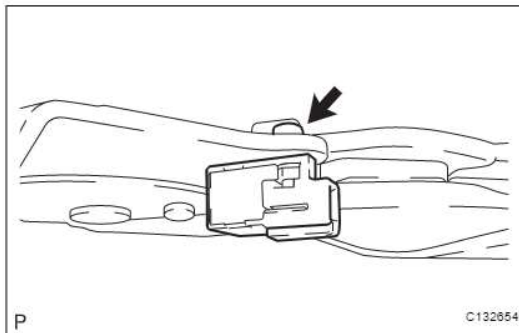
1. REMOVE NO. 1 PARKING BRAKE CABLE ASSEMBLY

- (a) Using a screwdriver, pull up the parking brake lever claw.

- (b) Remove the lock nut, the No. 1 wire adjusting nut, and the No. 1 parking brake cable assembly from the parking brake lever sub-assembly.

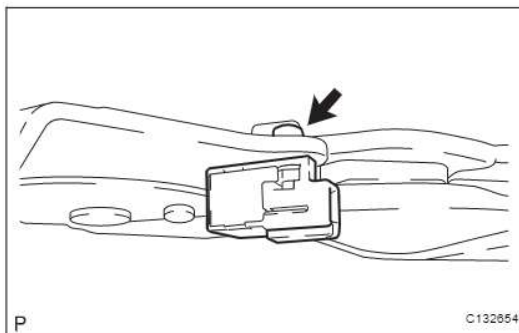


PB



2. REMOVE PARKING BRAKE SWITCH ASSEMBLY

- (a) Remove the screw and the parking brake switch assembly.



REASSEMBLY

1. INSTALL PARKING BRAKE SWITCH ASSEMBLY

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

Torque: 1.0 N*m (10 kgf*cm, 9.0 in.*lbf)

2. INSTALL NO. 1 PARKING BRAKE CABLE ASSEMBLY

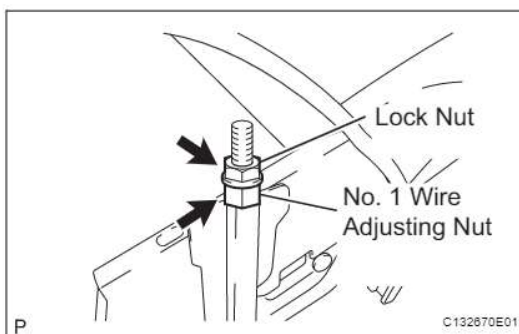
- (a) Pass the No. 1 parking brake cable assembly through the parking brake lever sub-assembly.

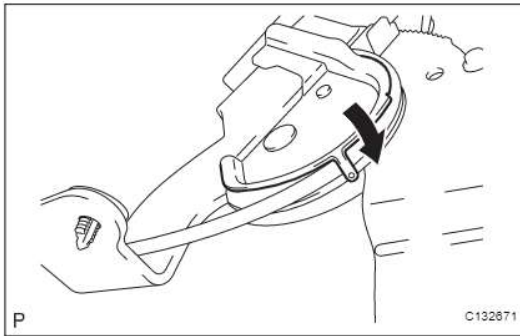
- (b) Temporarily tighten the lock nut and the No. 1 wire adjusting nut.

NOTICE:

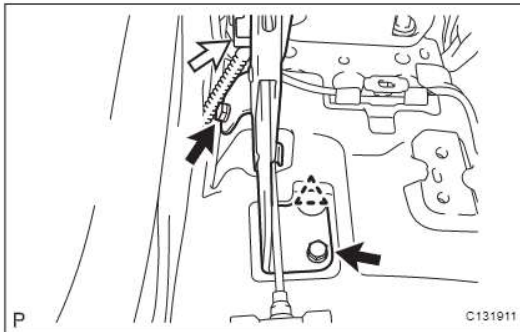
Fully tighten the lock nut when adjusting the parking brake lever travel.

Torque: 5.0 N*m (51 kgf*cm, 44 in.*lbf)



PARKING BRAKE – PARKING BRAKE LEVER**PB-17**

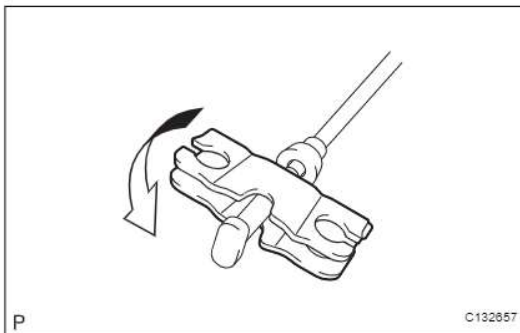
(c) Bend the parking brake lever claw.

**INSTALLATION****1. INSTALL PARKING BRAKE LEVER SUB-ASSEMBLY**

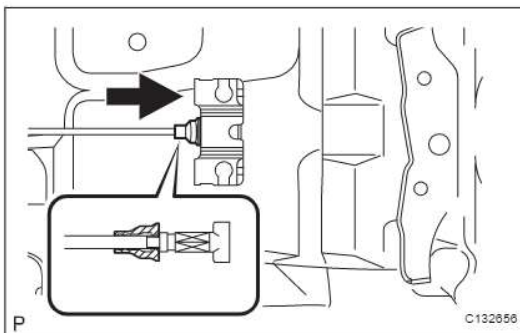
(a) Install the parking brake lever sub-assembly with the 2 bolts and the clip.

Torque: for TMC made**21 N*m (214 kgf*cm, 15 ft.*lbf)****for TMMK made****22 N*m (224 kgf*cm, 16 ft.*lbf)**

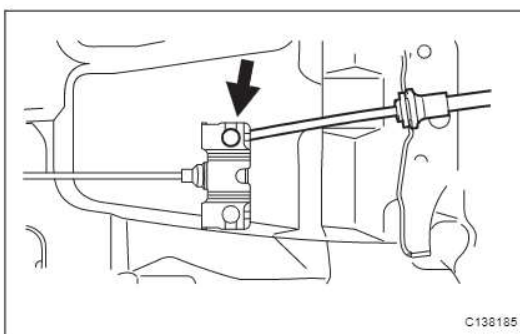
(b) Connect the parking brake switch connector.

**2. INSTALL PARKING BRAKE EQUALIZER**

(a) Install the parking brake equalizer to the No. 1 parking brake cable assembly.

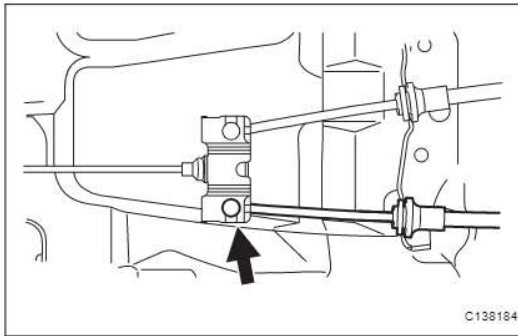


(b) Slide the rubber boot back as shown in the illustration.

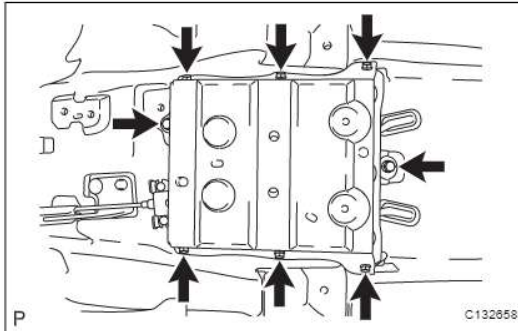
**3. INSTALL NO. 2 PARKING BRAKE CABLE ASSEMBLY**

(a) Connect the No. 2 parking brake cable assembly to the parking brake equalizer.

PB

PB-18**PARKING BRAKE – PARKING BRAKE LEVER****4. INSTALL NO. 3 PARKING BRAKE CABLE ASSEMBLY**

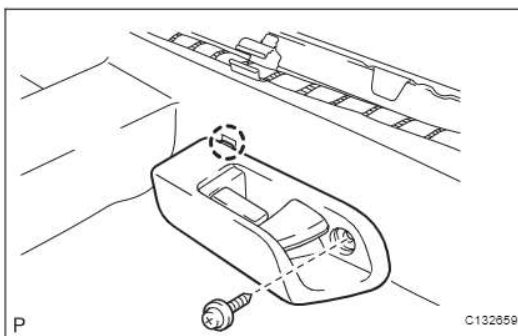
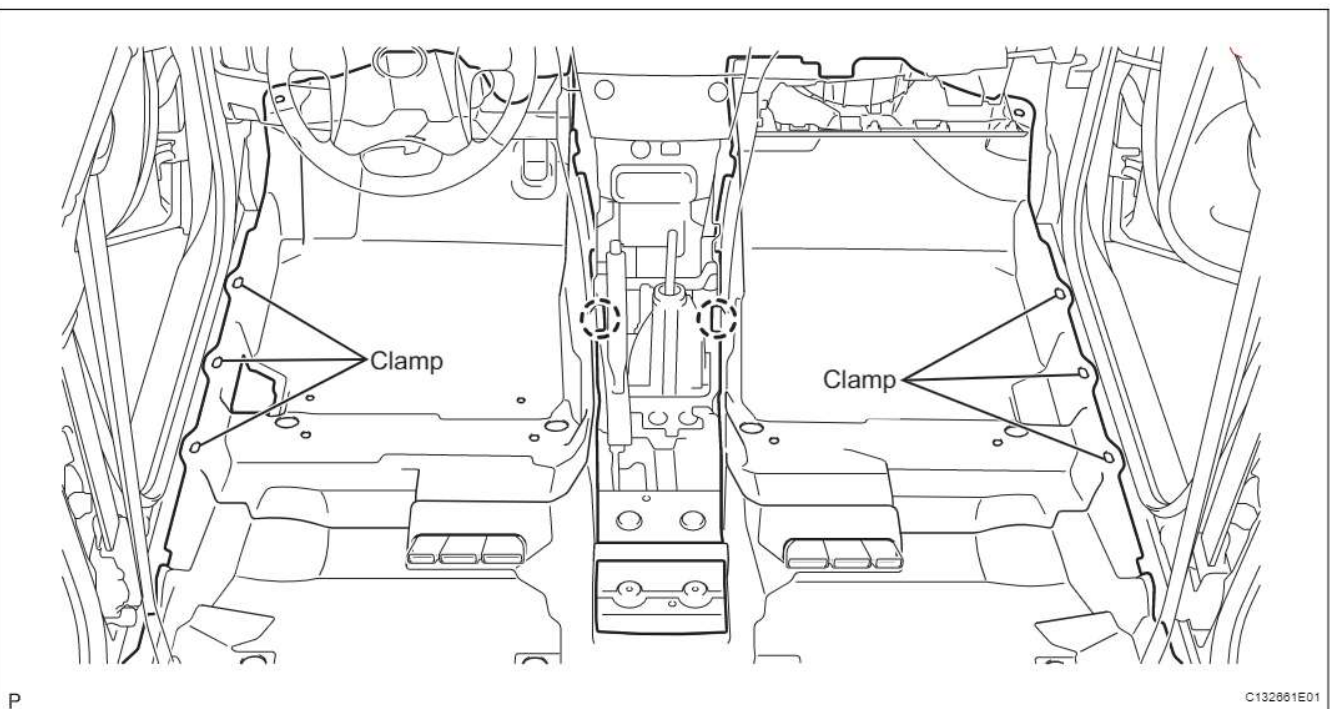
- (a) Connect the No. 3 parking brake cable assembly to the parking brake equalizer.

**5. INSTALL CROSS MEMBER FLOOR NO. 4 REINFORCEMENT SUB-ASSEMBLY**

- (a) Install the cross member floor No. 4 reinforcement sub-assembly with the 8 bolts.

6. INSTALL FRONT FLOOR CARPET ASSEMBLY

- (a) Engage the 6 clamps and the 2 claws and install the front floor carpet assembly.

PB**7. INSTALL LUGGAGE DOOR LOCK OPEN LEVER SUB-ASSEMBLY**

- (a) Engage the claw and install the luggage door open lever sub-assembly with the screw.

8. INSTALL LOWER CENTER PILLAR GARNISH LH (See page IR-53)**9. INSTALL REAR DOOR OPENING TRIM WEATHERSTRIP LH (See page IR-55)****10. INSTALL REAR DOOR SCUFF PLATE LH (See page IR-56)**

PARKING BRAKE – PARKING BRAKE LEVER**PB-19**

11. INSTALL FRONT DOOR OPENING TRIM WEATHERSTRIP LH (See page [IR-54](#))
12. INSTALL FRONT DOOR SCUFF PLATE LH (See page [IR-54](#))
13. INSTALL LOWER CENTER PILLAR GARNISH RH (See page [IR-54](#))
14. INSTALL REAR DOOR OPENING TRIM WEATHERSTRIP RH (See page [IR-56](#))
15. INSTALL REAR DOOR SCUFF PLATE RH (See page [IR-56](#))
16. INSTALL FRONT DOOR OPENING TRIM WEATHERSTRIP RH (See page [IR-55](#))
17. INSTALL FRONT DOOR SCUFF PLATE RH (See page [IR-55](#))
18. INSTALL FLOOR CARPET BRACKET LH
19. INSTALL FLOOR CARPET BRACKET RH
20. INSTALL NO. 2 CONSOLE BOX INSERT FRONT (for TMC Made) (See page [IP-50](#))
21. INSTALL NO. 2 CONSOLE BOX INSERT FRONT (for TMMK Made) (See page [IP-50](#))
22. INSTALL NO. 1 CONSOLE BOX INSERT FRONT (for TMC Made) (See page [IP-49](#))
23. INSTALL NO. 1 CONSOLE BOX INSERT FRONT (for TMMK Made) (See page [IP-50](#))
24. INSTALL CONSOLE BOX ASSEMBLY (for TMC Made) (See page [IP-51](#))
25. INSTALL CONSOLE BOX ASSEMBLY (for TMMK Made) (See page [IP-51](#))
26. INSTALL CONSOLE BOX CARPET (See page [IP-51](#))
27. INSTALL CONSOLE BOX POCKET (See page [IP-51](#))
28. INSTALL UPPER CONSOLE PANEL SUB-ASSEMBLY (for TMC Made) (See page [IP-52](#))
29. INSTALL UPPER CONSOLE PANEL SUB-ASSEMBLY (for TMMK Made) (See page [IP-52](#))
30. INSTALL UPPER CONSOLE REAR PANEL SUB-ASSEMBLY (See page [IP-53](#))
31. INSTALL UPPER CONSOLE PANEL (See page [IP-54](#))
32. INSTALL NO. 1 INSTRUMENT CLUSTER FINISH PANEL GARNISH (See page [IP-55](#))
33. INSTALL NO. 2 INSTRUMENT CLUSTER FINISH PANEL GARNISH (See page [IP-54](#))
34. INSTALL SHIFT LEVER KNOB SUB-ASSEMBLY (See page [IP-55](#))

PB

PB-20

PARKING BRAKE – PARKING BRAKE LEVER

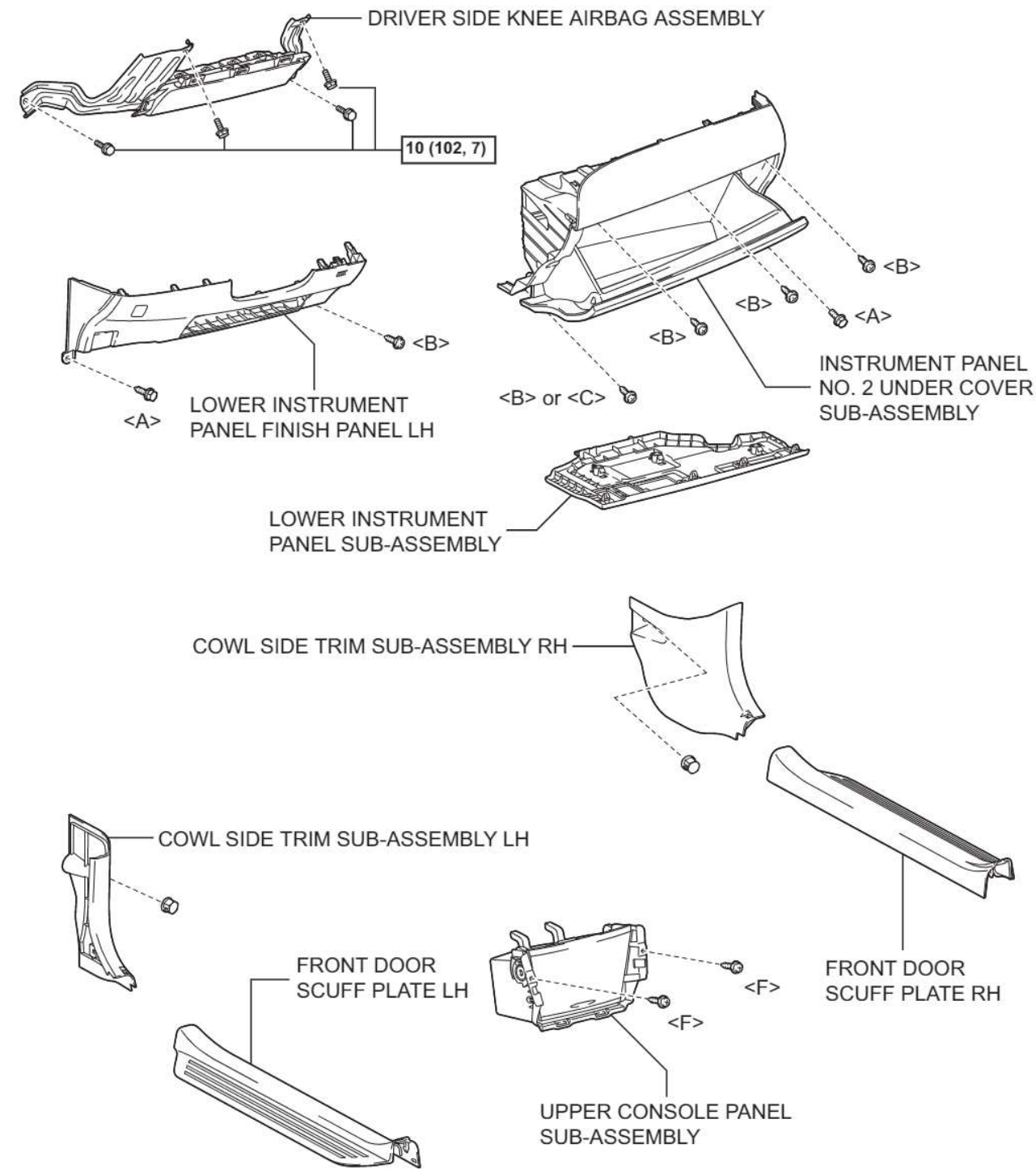
PB

35. **INSTALL LOWER INSTRUMENT PANEL SUB-ASSEMBLY (for TMC Made)** (See page [IP-55](#))
36. **INSTALL LOWER INSTRUMENT PANEL SUB-ASSEMBLY (for TMMK Made)** (See page [IP-56](#))
37. **INSTALL INSTRUMENT PANEL NO. 2 UNDER COVER SUB-ASSEMBLY** (See page [IP-56](#))
38. **INSTALL DRIVER SIDE KNEE AIRBAG ASSEMBLY** (See page [RS-370](#))
39. **INSTALL LOWER INSTRUMENT PANEL FINISH PANEL LH (for TMC Made)** (See page [IP-58](#))
40. **INSTALL LOWER INSTRUMENT PANEL FINISH PANEL LH (for TMMK Made)** (See page [IP-59](#))
41. **INSTALL COWL SIDE TRIM SUB-ASSEMBLY LH** (See page [IR-54](#))
42. **INSTALL COWL SIDE TRIM SUB-ASSEMBLY RH** (See page [IR-55](#))
43. **INSTALL FRONT SEAT ASSEMBLY LH (for Manual Seat)**
HINT:
Refer to the procedures up to "INSTALL FRONT SEAT ASSEMBLY (for Manual Seat)". (See page [SE-24](#))
44. **INSTALL FRONT SEAT ASSEMBLY RH (for Manual Seat)**
HINT:
Use the same procedures for the RH side and the LH side.
45. **INSTALL FRONT SEAT ASSEMBLY LH (for Power Seat)**
HINT:
Refer to the procedures up to "INSTALL FRONT SEAT ASSEMBLY (for Power Seat)". (See page [SE-41](#))
46. **INSTALL FRONT SEAT ASSEMBLY RH (for Power Seat)**
HINT:
Use the same procedures for the RH side and the LH side.
47. **INSPECT PARKING BRAKE LEVER TRAVEL** (See page [PB-2](#))
48. **ADJUST PARKING BRAKE LEVER TRAVEL** (See page [PB-2](#))
49. **CONNECT CABLE TO NEGATIVE BATTERY TERMINAL (for Manual Seat)**
50. **PERFORM ZERO POINT CALIBRATION AND SENSITIVITY CHECK** (See page [RS-242](#))
51. **INSPECT SRS WARNING LIGHT**
52. **INSPECT SLIDE ADJUSTER LOCK (for Manual Seat)**

PARKING BRAKE – PARKING BRAKE LEVER**PB-21****53. INSPECT FRONT SEAT ASSEMBLY (for Power Seat)**
(See page [SE-42](#))**PB**

PARKING BRAKE PEDAL
COMPONENTS

for TMC made:



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

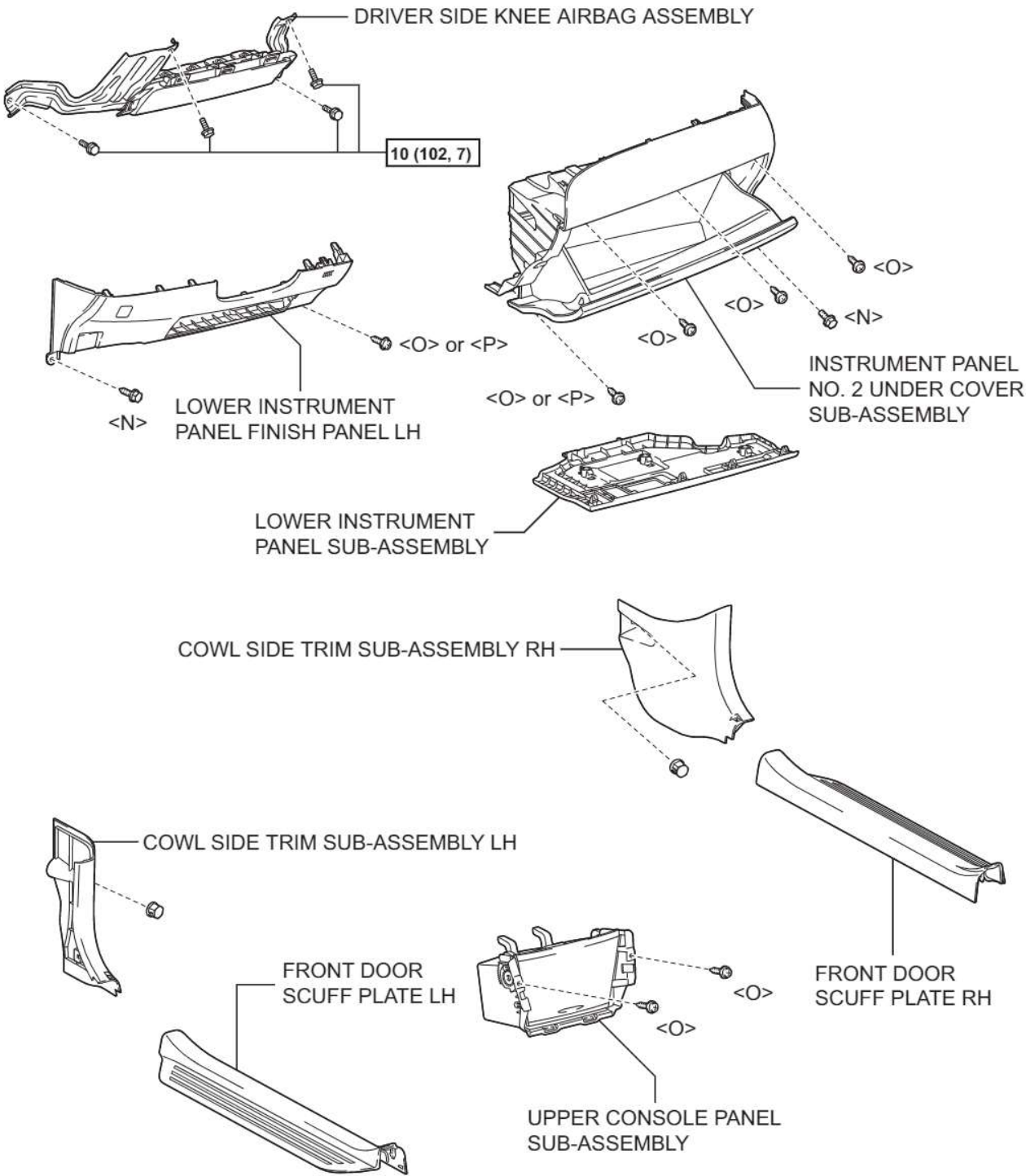
C133406E01

PB

PB-22

PARKING BRAKE – PARKING BRAKE PEDAL

for TMMK made:

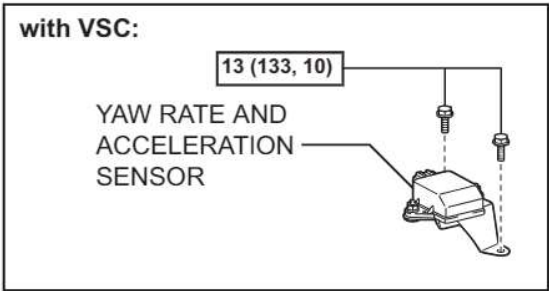
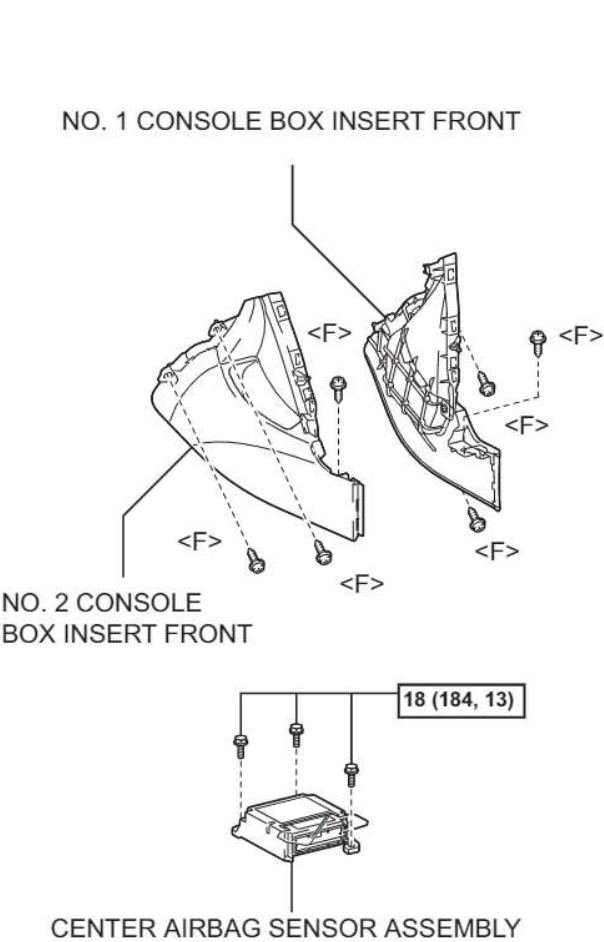


N*m (kgf*cm, ft.*lbf): Specified torque

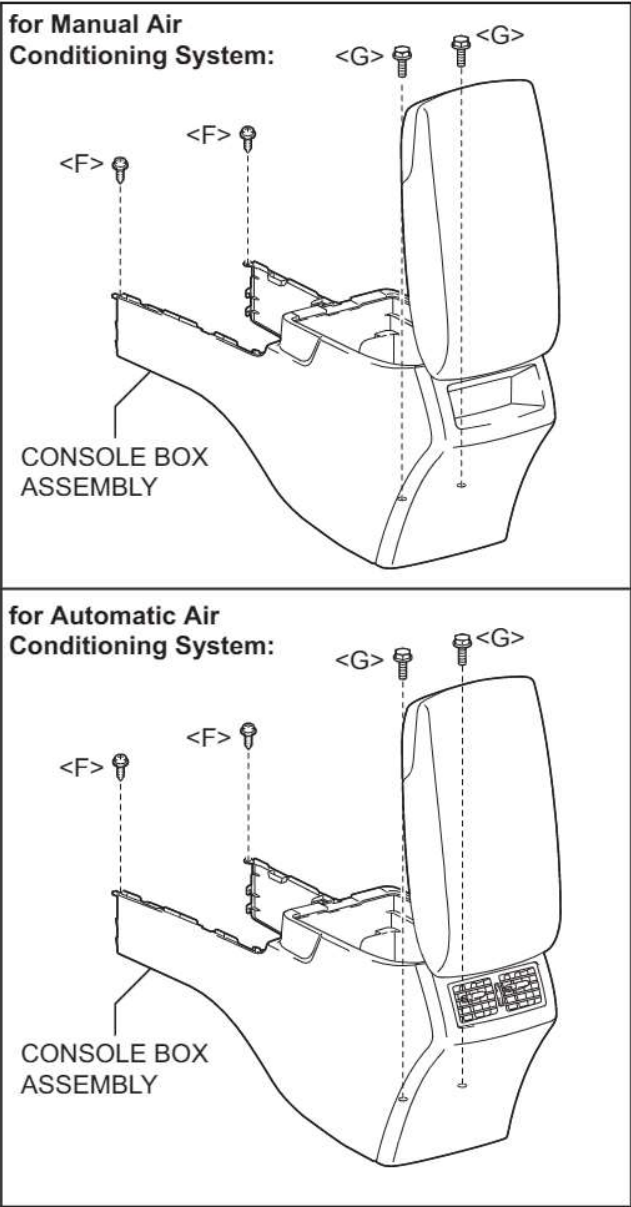
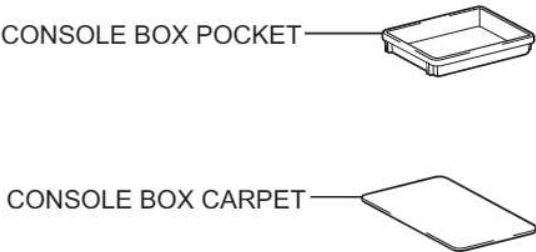
C133468E02

PB

for TMC made:



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



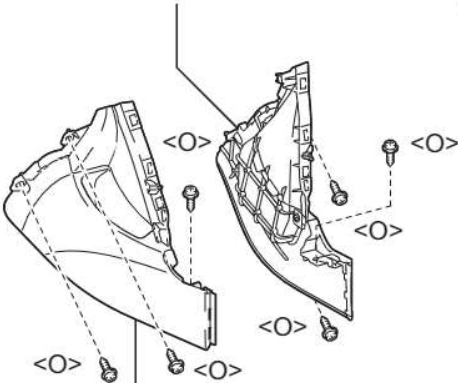
PB

PB-24

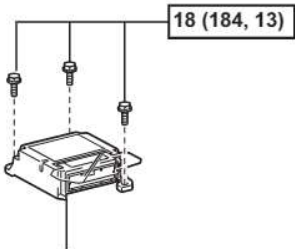
PARKING BRAKE – PARKING BRAKE PEDAL

for TMMK made:

NO. 1 CONSOLE BOX INSERT FRONT



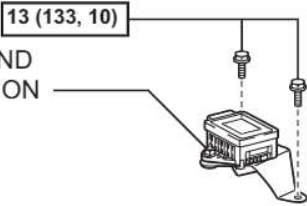
NO. 2 CONSOLE BOX INSERT FRONT



CENTER AIRBAG
SENSOR ASSEMBLY

with VSC:

YAW RATE AND
ACCELERATION
SENSOR



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

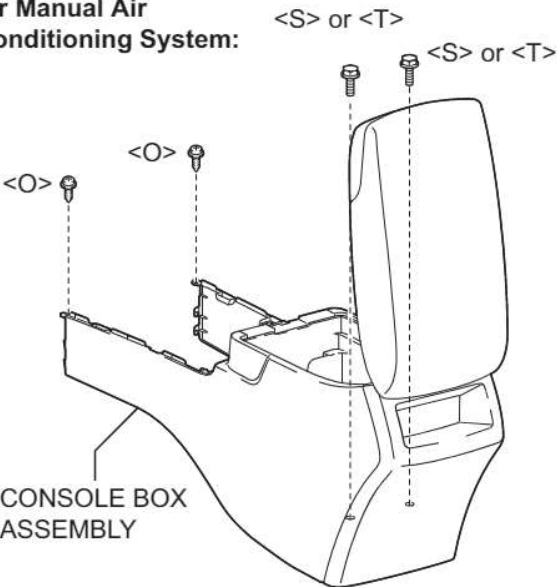
CONSOLE BOX POCKET



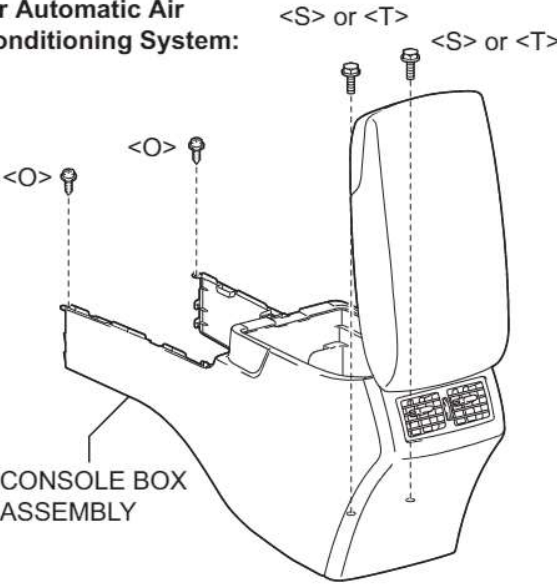
CONSOLE BOX CARPET



for Manual Air
Conditioning System:



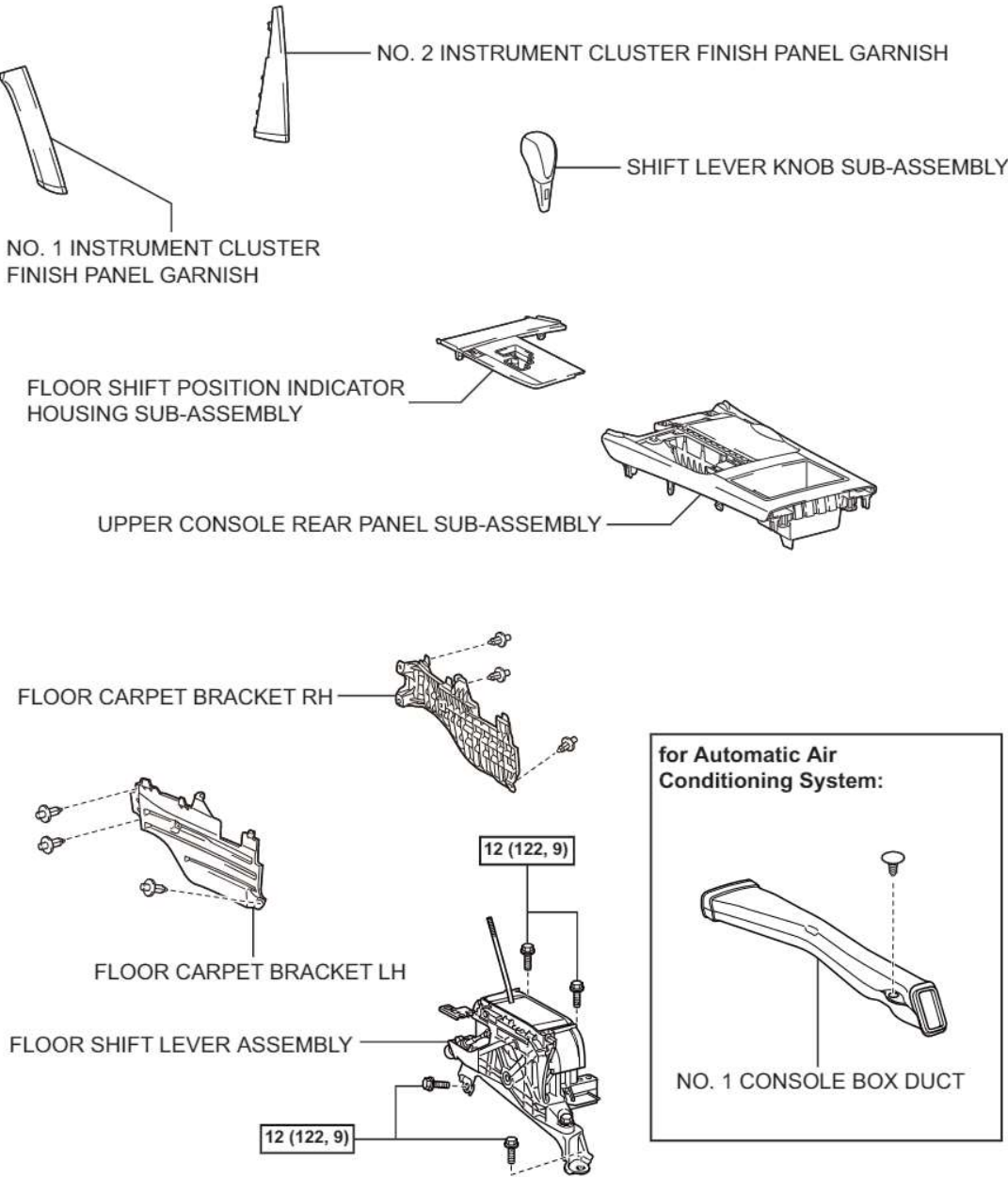
for Automatic Air
Conditioning System:



C141957E01

PARKING BRAKE – PARKING BRAKE PEDAL

PB-25

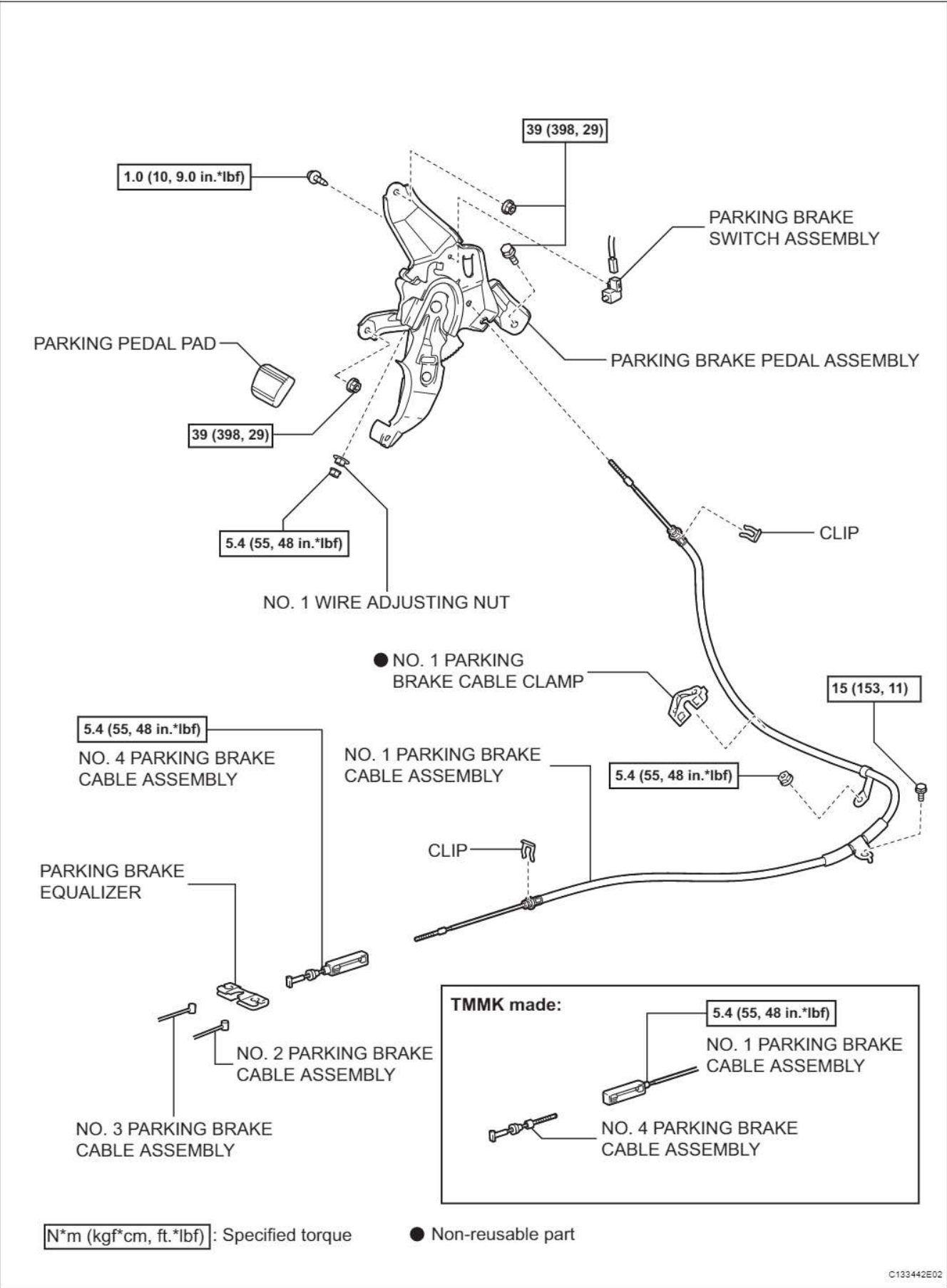


N*m (kgf*cm, ft.*lbf) : Specified torque

C133457E02

PB-26

PARKING BRAKE – PARKING BRAKE PEDAL



REMOVAL

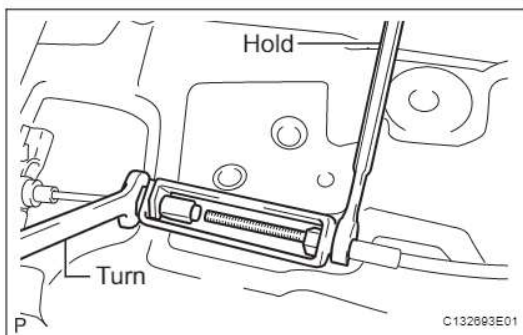
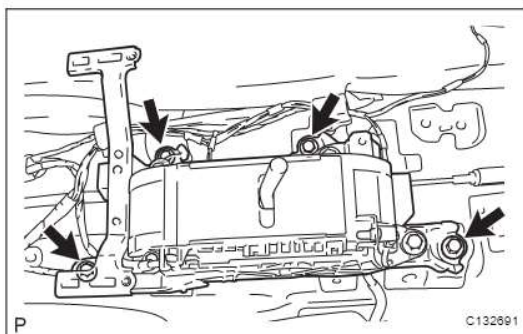
1. **PRECAUTION**
(See page [IP-1](#))
2. **DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL**
CAUTION:
Wait for 90 seconds after disconnecting the cable to prevent the airbag working. (See page [RS-1](#))
3. **REMOVE FRONT DOOR SCUFF PLATE LH** (See page [IR-24](#))
4. **REMOVE COWL SIDE TRIM SUB-ASSEMBLY LH** (See page [IR-25](#))
5. **REMOVE FRONT DOOR SCUFF PLATE RH** (See page [IR-26](#))
6. **REMOVE COWL SIDE TRIM SUB-ASSEMBLY RH**
(See page [IR-26](#))
7. **REMOVE LOWER INSTRUMENT PANEL FINISH PANEL LH (for TMC Made)** (See page [IP-58](#))
8. **REMOVE LOWER INSTRUMENT PANEL FINISH PANEL LH (for TMMK Made)** (See page [IP-21](#))
9. **REMOVE DRIVER SIDE KNEE AIRBAG ASSEMBLY**
(See page [RS-370](#))
10. **REMOVE INSTRUMENT PANEL NO. 2 UNDER COVER SUB-ASSEMBLY** (See page [IP-23](#))
11. **REMOVE LOWER INSTRUMENT PANEL SUB-ASSEMBLY (for TMC Made)** (See page [IP-23](#))
12. **REMOVE LOWER INSTRUMENT PANEL SUB-ASSEMBLY (for TMMK Made)** (See page [IP-24](#))
13. **REMOVE SHIFT LEVER KNOB SUB-ASSEMBLY** (See page [IP-24](#))
14. **REMOVE NO. 1 INSTRUMENT CLUSTER FINISH PANEL GARNISH** (See page [IP-24](#))
15. **REMOVE NO. 2 INSTRUMENT CLUSTER FINISH PANEL GARNISH** (See page [IP-25](#))
16. **REMOVE FLOOR SHIFT POSITION INDICATOR HOUSING SUB-ASSEMBLY** (See page [IP-25](#))
17. **REMOVE UPPER CONSOLE REAR PANEL SUB-ASSEMBLY** (See page [IP-26](#))
18. **REMOVE UPPER CONSOLE PANEL SUB-ASSEMBLY (for TMC Made)** (See page [IP-27](#))
19. **REMOVE UPPER CONSOLE PANEL SUB-ASSEMBLY (for TMMK Made)** (See page [IP-27](#))
20. **REMOVE CONSOLE BOX POCKET** (See page [IP-28](#))
21. **REMOVE CONSOLE BOX CARPET** (See page [IP-28](#))

PB

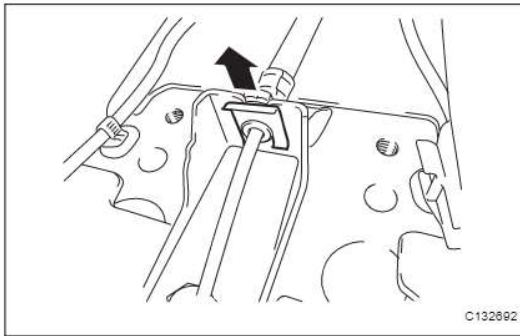
PB-28

PARKING BRAKE – PARKING BRAKE PEDAL

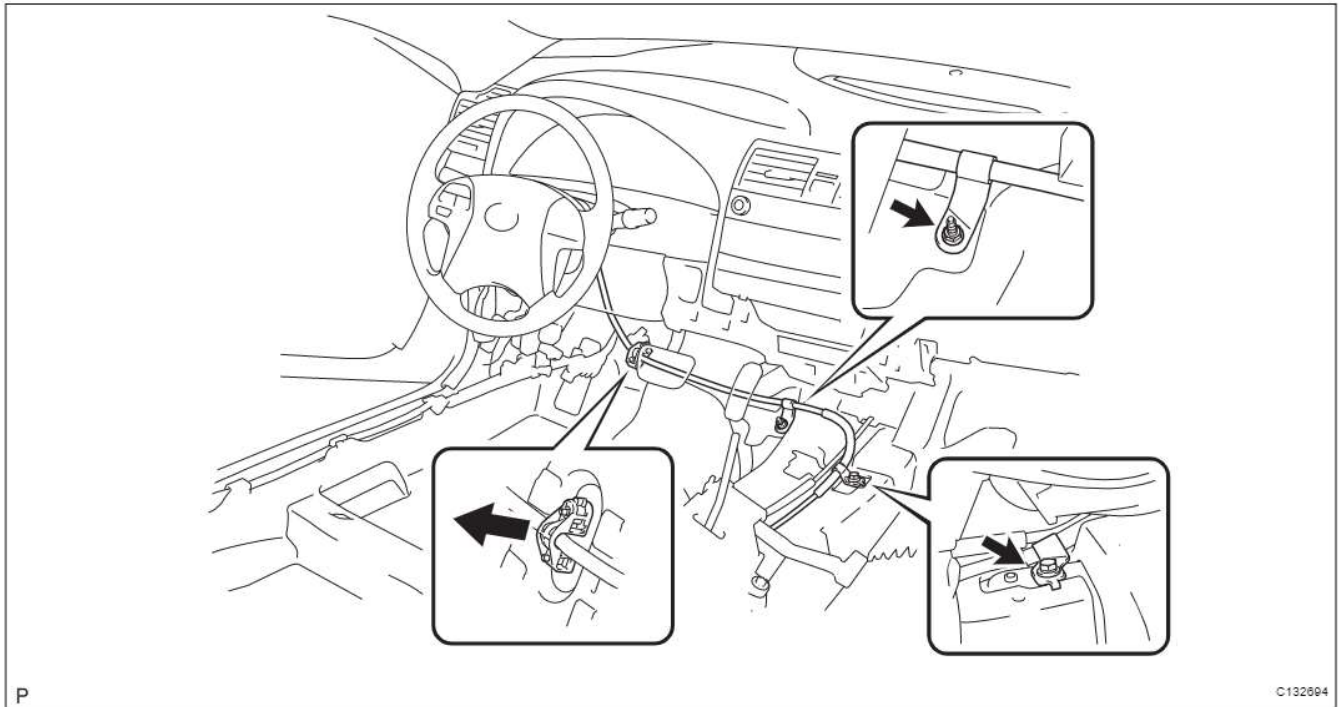
22. REMOVE CONSOLE BOX ASSEMBLY (for TMC Made) (See page [IP-28](#))
23. REMOVE CONSOLE BOX ASSEMBLY (for TMMK Made) (See page [IP-29](#))
24. REMOVE NO. 2 CONSOLE BOX INSERT FRONT (for TMC Made) (See page [IP-29](#))
25. REMOVE NO. 2 CONSOLE BOX INSERT FRONT (for TMMK Made) (See page [IP-30](#))
26. REMOVE NO. 1 CONSOLE BOX INSERT FRONT (for TMC Made) (See page [IP-30](#))
27. REMOVE NO. 1 CONSOLE BOX INSERT FRONT (for TMMK Made) (See page [IP-30](#))
28. REMOVE NO. 1 CONSOLE BOX DUCT (for Automatic Air Conditioning System) (See page [AC-154](#))
29. REMOVE FLOOR CARPET BRACKET LH (See page [AC-155](#))
30. REMOVE FLOOR CARPET BRACKET RH (See page [AC-155](#))
31. REMOVE YAW RATE AND ACCELERATION SENSOR (w/ VSC) (See page [BC-447](#))
32. REMOVE FLOOR SHIFT LEVER ASSEMBLY
 - (a) Remove the 4 bolts and the floor shift lever assembly.
33. REMOVE CENTER AIRBAG SENSOR ASSEMBLY (See page [RS-442](#))
34. DISCONNECT NO. 4 PARKING BRAKE CABLE ASSEMBLY
 - (a) Using a wrench, hold the lock nut and loosen the turnbuckle.
 - (b) Disconnect the No. 4 parking brake cable assembly from the No. 1 parking brake cable assembly.



PB

PARKING BRAKE – PARKING BRAKE PEDAL**PB-29****35. REMOVE PARKING BRAKE PEDAL ASSEMBLY**

- (a) Using needle-nose pliers, remove the clip from the No. 1 parking brake cable assembly.
- (b) Remove the bolt, nut, and the No. 1 parking brake cable clamp.

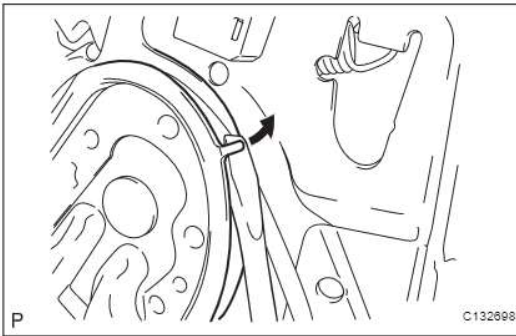


- (c) Separate the No. 1 parking brake cable assembly from the body.
- (d) Disconnect the parking brake switch connector.
- (e) Remove the bolt, 2 nuts, and the parking brake pedal assembly with the No. 1 parking brake cable assembly from the body.

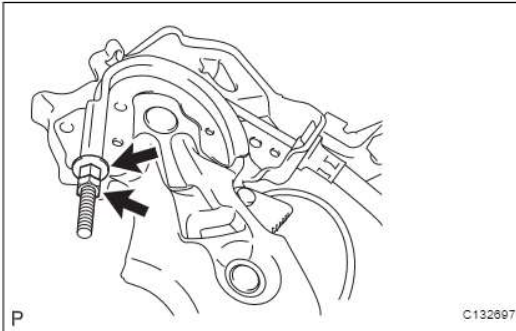
**PB**

PB-30**PARKING BRAKE – PARKING BRAKE PEDAL****DISASSEMBLY****1. REMOVE NO. 1 PARKING BRAKE CABLE ASSEMBLY**

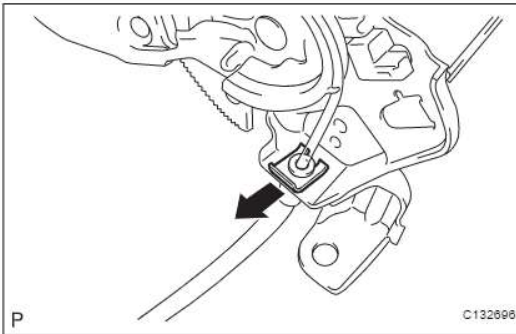
(a) Using a screwdriver, pull up the parking brake pedal claw.



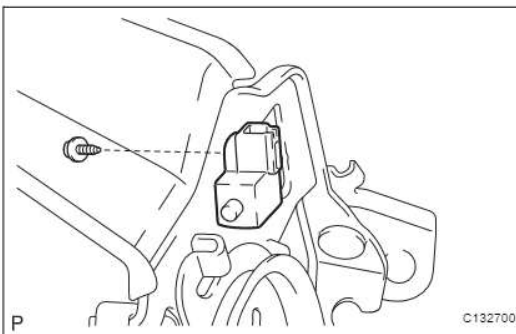
(b) Remove the lock nut and the No. 1 wire adjusting nut.



(c) Using needle nose pliers, remove the clip and the No. 1 parking brake cable from the parking brake pedal assembly.

**2. REMOVE PARKING BRAKE SWITCH ASSEMBLY**

(a) Remove the screw and the parking brake switch assembly.

**3. REMOVE PARKING PEDAL PAD**

(a) Remove the parking pedal pad.

**PB**

PARKING BRAKE – PARKING BRAKE PEDAL

PB-31

REASSEMBLY

1. INSTALL PARKING PEDAL PAD

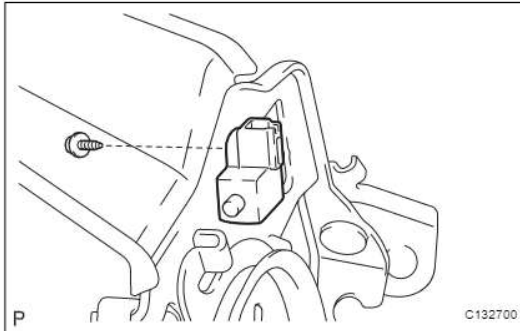
- (a) Install the parking pedal pad to the parking brake pedal assembly.



2. INSTALL PARKING BRAKE SWITCH ASSEMBLY

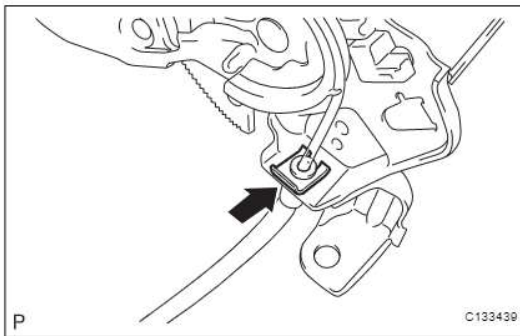
- (a) Install the parking brake switch assembly with the screw.

Torque: 1.0 N*m (10 kgf*cm, 9.0 in.*lbf)

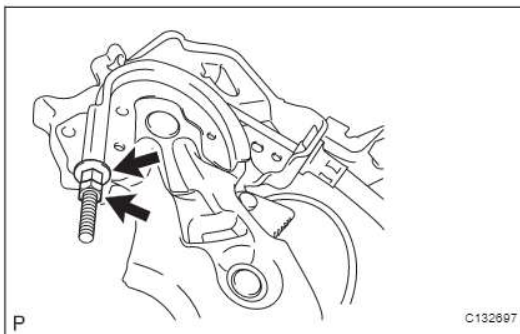


3. INSTALL NO. 1 PARKING BRAKE CABLE ASSEMBLY

- (a) Pass the No. 1 parking brake cable assembly through the pedal guide.



- (b) Using a brass bar and a hammer, install the clip to the No. 1 parking brake cable assembly.

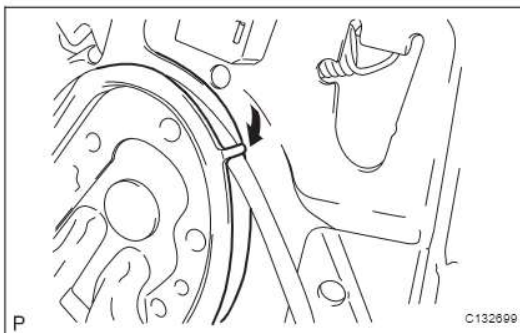


- (c) Temporarily tighten the the lock nut and No. 1 wire adjusting nut.

NOTICE:

Fully tighten the lock nut and the No. 1 wire adjusting nut when adjusting the parking brake pedal travel.

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



- (d) Bend the parking brake pedal claw.

PB

PB-32

PARKING BRAKE – PARKING BRAKE PEDAL

INSTALLATION

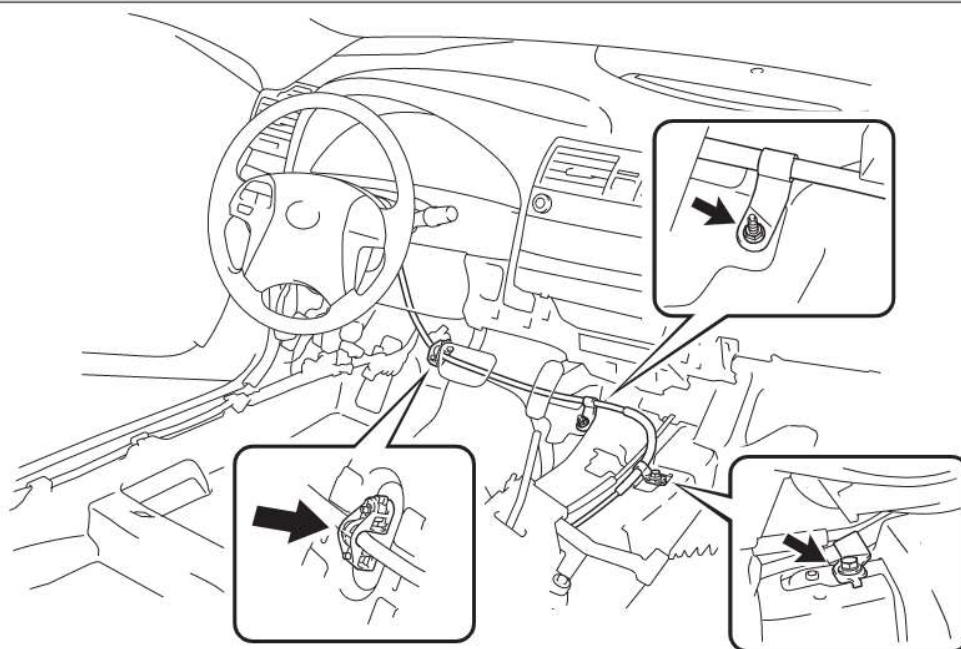
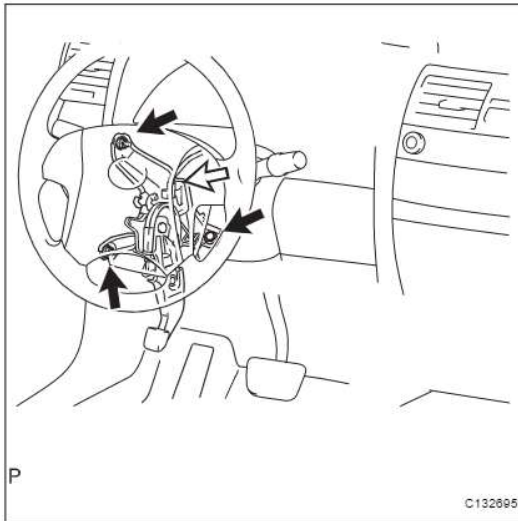
1. INSTALL PARKING BRAKE PEDAL ASSEMBLY

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

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

- (b) Connect the parking brake switch connector.

- (c) Install the No. 1 parking brake cable assembly to the body with the bolt, the nut, and a new No. 1 parking brake cable clamp.



Torque: Bolt

15 N*m (153 kgf*cm, 11 ft.*lbf)

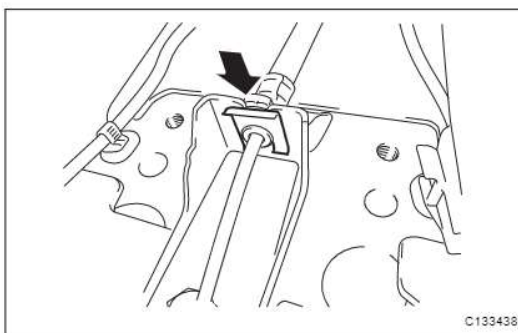
Nut

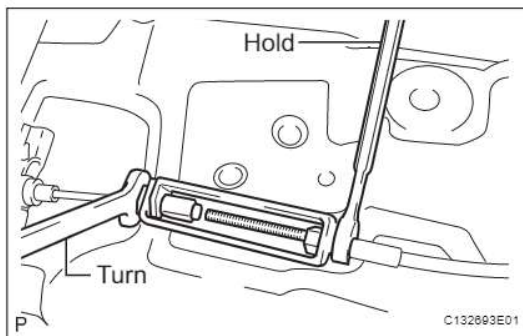
5.4 N*m (55 kgf*cm, 48 in.*lbf)

- (d) Using a brass bar and a hammer, install the clip to the No. 1 parking brake cable assembly.

2. CONNECT NO. 4 PARKING BRAKE CABLE ASSEMBLY

- (a) Connect the No. 4 parking brake cable assembly to the No. 1 parking brake cable assembly.

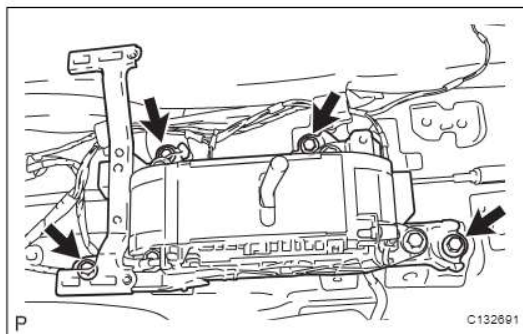


PARKING BRAKE – PARKING BRAKE PEDAL**PB-33**

- (b) Using a wrench, hold the lock nut and tighten the turnbuckle.

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

3. INSTALL CENTER AIRBAG SENSOR ASSEMBLY
(See page [RS-442](#))



4. INSTALL FLOOR SHIFT LEVER ASSEMBLY

- (a) Install the floor shift lever assembly with the 4 bolts.

Torque: 12 N*m (122 kgf*cm, 9 ft.*lbf)

5. INSTALL YAW RATE AND ACCELERATION SENSOR (w/ VSC) (See page [BC-448](#))

6. INSTALL FLOOR CARPET BRACKET LH

7. INSTALL FLOOR CARPET BRACKET RH

8. INSTALL NO. 1 CONSOLE BOX DUCT (for Automatic Air Conditioning System) (See page [AC-177](#))

9. INSTALL NO. 2 CONSOLE BOX INSERT FRONT (for TMC Made) (See page [IP-50](#))

10. INSTALL NO. 2 CONSOLE BOX INSERT FRONT (for TMMK Made) (See page [IP-50](#))

11. INSTALL NO. 1 CONSOLE BOX INSERT FRONT (for TMC Made) (See page [IP-49](#))

12. INSTALL NO. 1 CONSOLE BOX INSERT FRONT (for TMMK Made) (See page [IP-50](#))

13. INSTALL CONSOLE BOX ASSEMBLY (for TMC Made) (See page [IP-51](#))

14. INSTALL CONSOLE BOX ASSEMBLY (for TMMK Made) (See page [IP-51](#))

15. INSTALL CONSOLE BOX CARPET (See page [IP-51](#))

16. INSTALL CONSOLE BOX POCKET (See page [IP-51](#))

17. INSTALL UPPER CONSOLE PANEL SUB-ASSEMBLY (for TMC Made) (See page [IP-52](#))

18. INSTALL UPPER CONSOLE PANEL SUB-ASSEMBLY (for TMMK Made) (See page [IP-52](#))

19. INSTALL UPPER CONSOLE REAR PANEL SUB-ASSEMBLY (See page [IP-53](#))

20. INSTALL FLOOR SHIFT POSITION INDICATOR HOUSING SUB-ASSEMBLY (See page [IP-53](#))

21. INSTALL NO. 1 INSTRUMENT CLUSTER FINISH PANEL GARNISH (See page [IP-55](#))

22. INSTALL NO. 2 INSTRUMENT CLUSTER FINISH PANEL GARNISH (See page [IP-54](#))

PB

PB-34

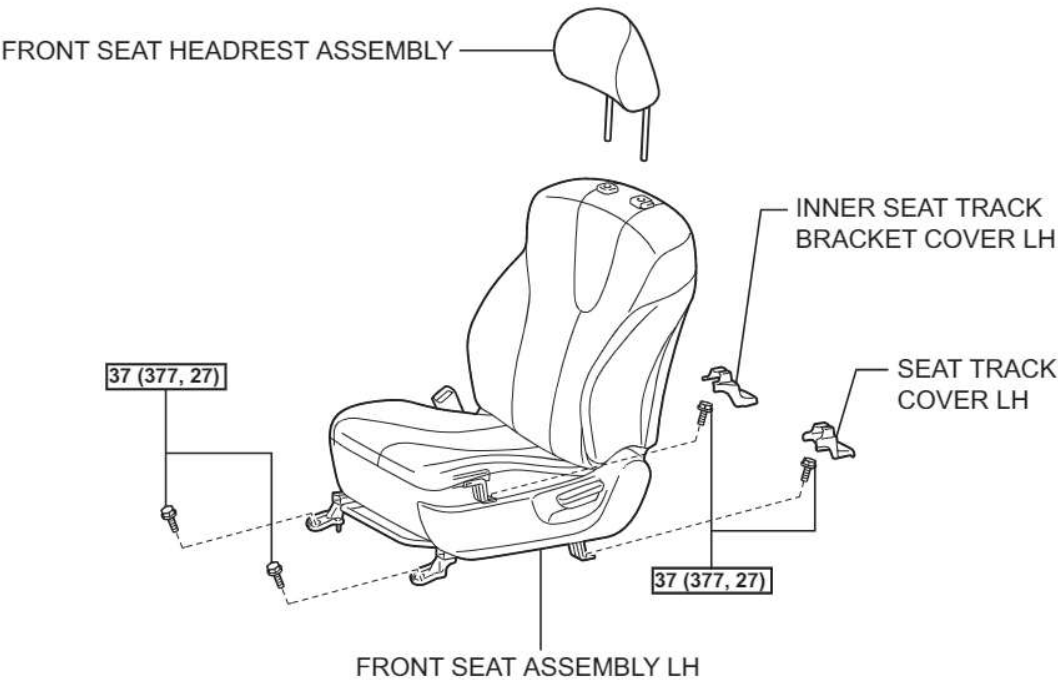
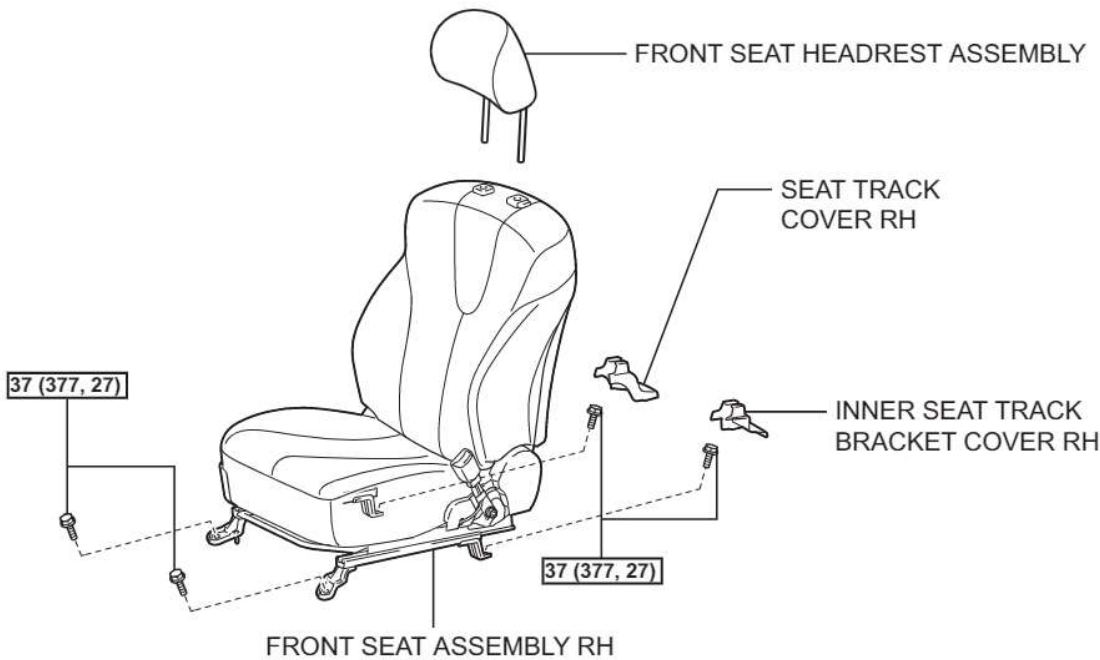
PARKING BRAKE – PARKING BRAKE PEDAL

23. INSTALL SHIFT LEVER KNOB SUB-ASSEMBLY (See page [IP-55](#))
24. INSTALL LOWER INSTRUMENT PANEL SUB-ASSEMBLY (for TMC Made) (See page [IP-55](#))
25. INSTALL LOWER INSTRUMENT PANEL SUB-ASSEMBLY (for TMMK Made) (See page [IP-56](#))
26. INSTALL INSTRUMENT PANEL NO. 2 UNDER COVER SUB-ASSEMBLY (See page [IP-56](#))
27. INSTALL DRIVER SIDE KNEE AIRBAG ASSEMBLY (See page [RS-370](#))
28. INSTALL LOWER INSTRUMENT PANEL FINISH PANEL LH (for TMC Made) (See page [IP-58](#))
29. INSTALL LOWER INSTRUMENT PANEL FINISH PANEL LH (for TMMK Made) (See page [IP-59](#))
30. INSTALL COWL SIDE TRIM SUB-ASSEMBLY LH (See page [IR-54](#))
31. INSTALL FRONT DOOR SCUFF PLATE LH (See page [IR-54](#))
32. INSTALL COWL SIDE TRIM SUB-ASSEMBLY RH (See page [IR-55](#))
33. INSTALL FRONT DOOR SCUFF PLATE RH (See page [IR-55](#))
34. INSPECT PARKING BRAKE PEDAL TRAVEL (See page [PB-1](#))
35. ADJUST PARKING BRAKE PEDAL TRAVEL (See page [PB-1](#))
36. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL
37. INSPECT SENSOR SIGNAL (See page [BC-448](#))

PB

PARKING BRAKE CABLE
COMPONENTS

for Manual Seat:

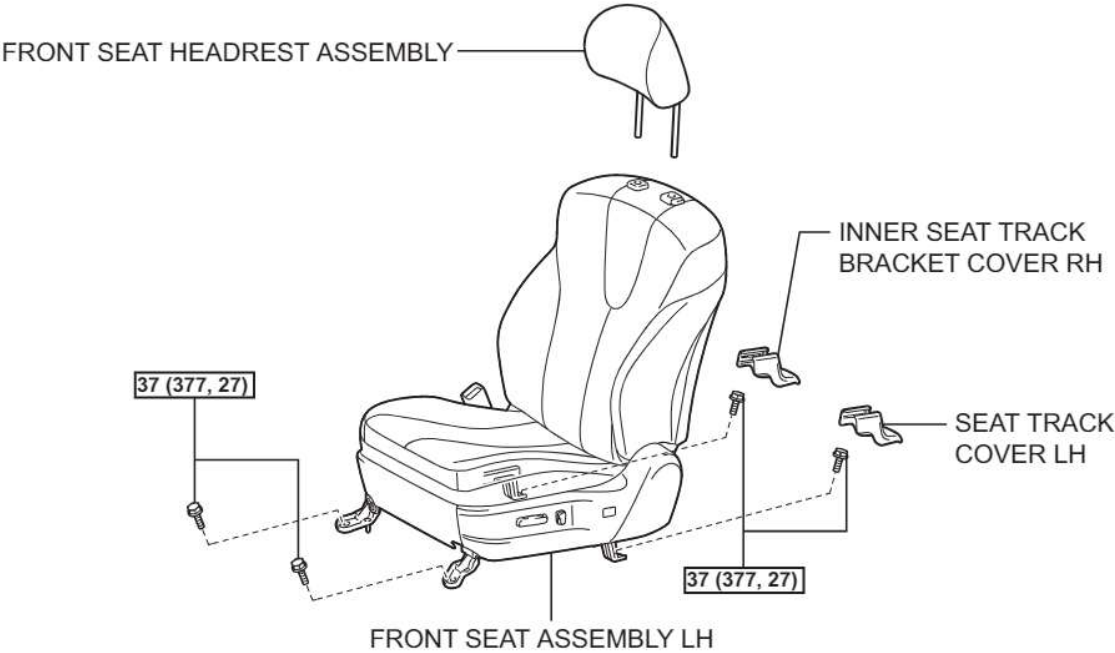
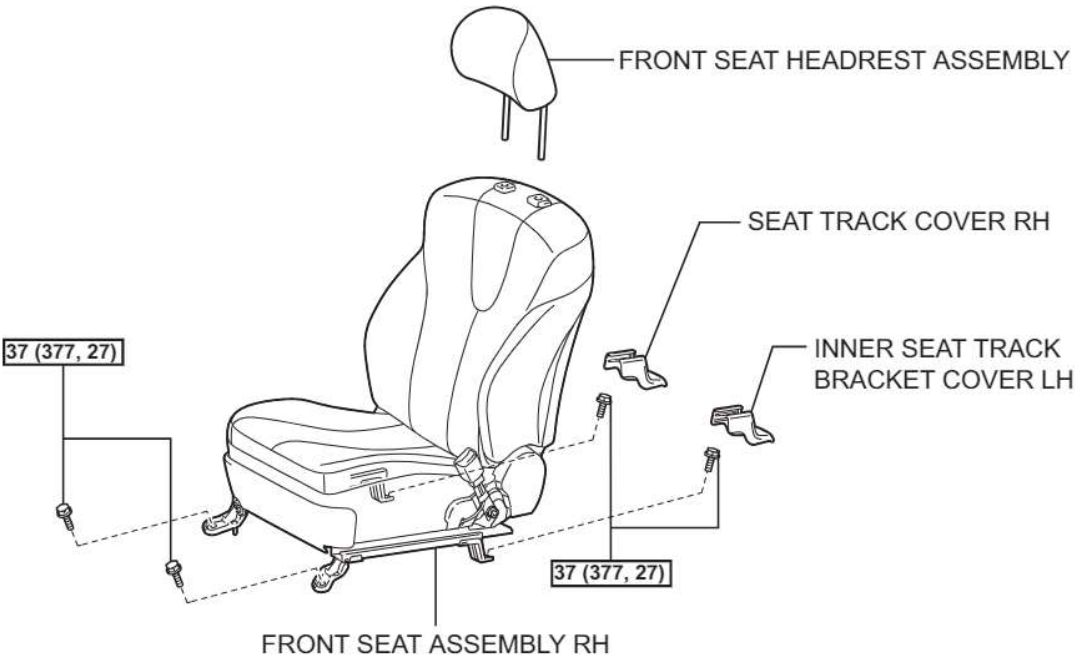


N*m (kgf*cm, ft.*lbf) : Specified torque

PB-36

PARKING BRAKE – PARKING BRAKE CABLE

for Power Seat:



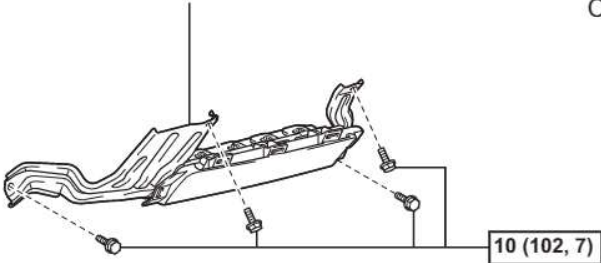
N*m (kgf*cm, ft.*lbf) : Specified torque

P

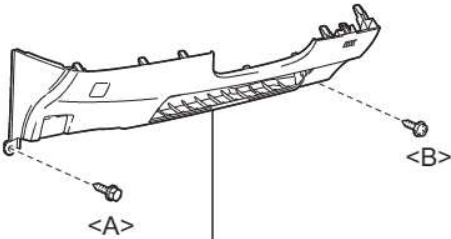
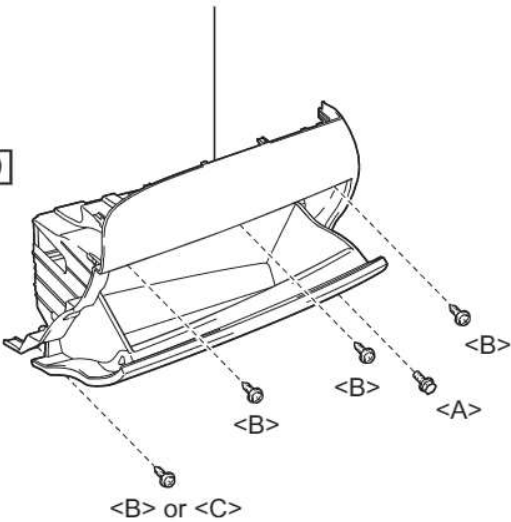
B132047E01

for TMC made:

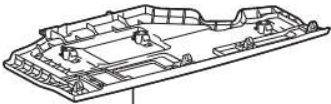
DRIVER SIDE KNEE AIRBAG ASSEMBLY



INSTRUMENT PANEL NO. 2 UNDER COVER SUB-ASSEMBLY



LOWER INSTRUMENT
PANEL FINISH PANEL LH



LOWER INSTRUMENT
PANEL SUB-ASSEMBLY

UPPER CONSOLE
PANEL SUB-ASSEMBLY



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

C133459E01

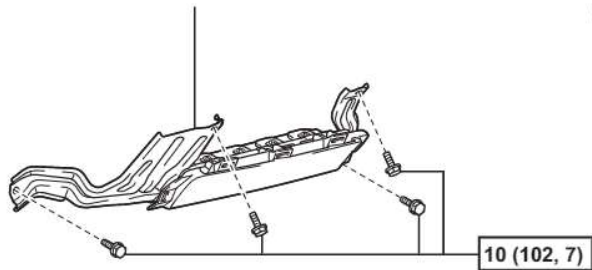
PB

PB-38

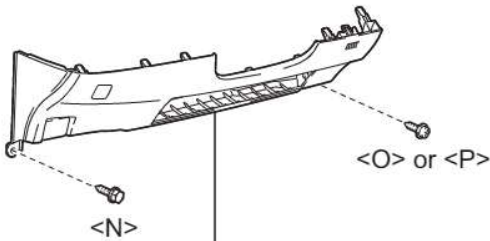
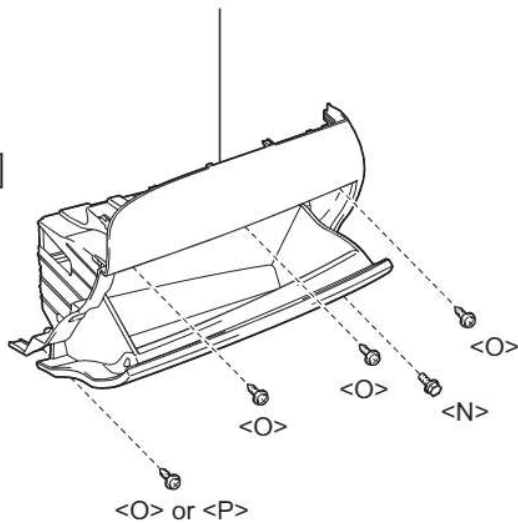
PARKING BRAKE – PARKING BRAKE CABLE

for TMMK made:

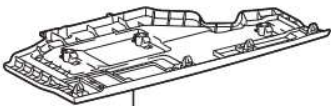
DRIVER SIDE KNEE AIRBAG ASSEMBLY



INSTRUMENT PANEL NO. 2 UNDER COVER SUB-ASSEMBLY

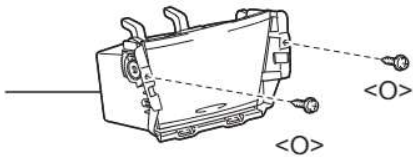


LOWER INSTRUMENT
PANEL FINISH PANEL LH



LOWER INSTRUMENT
PANEL SUB-ASSEMBLY

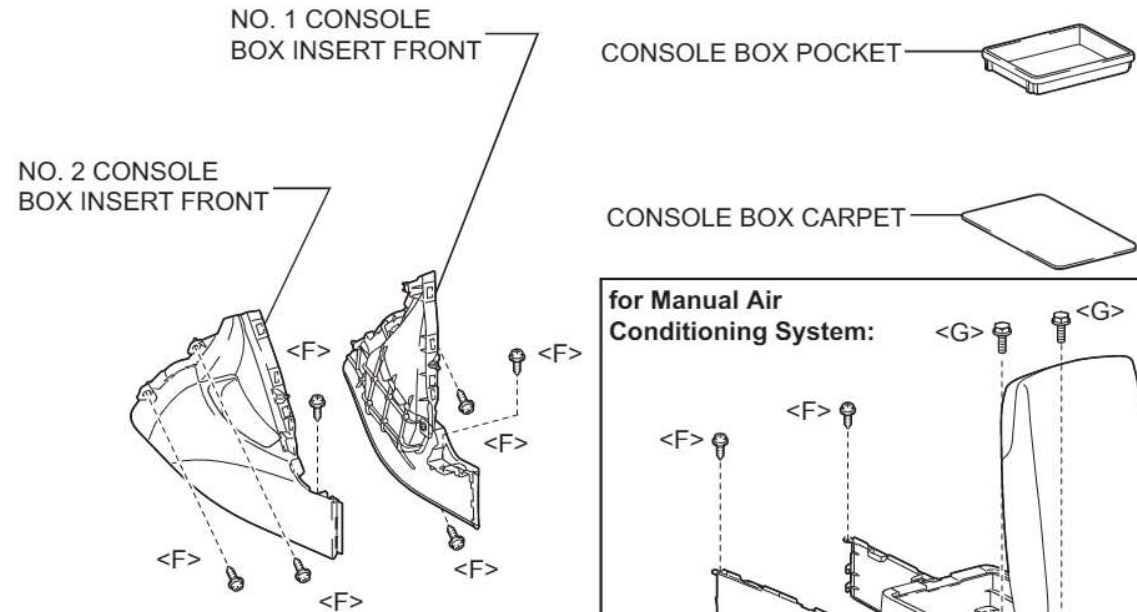
UPPER CONSOLE
PANEL SUB-ASSEMBLY



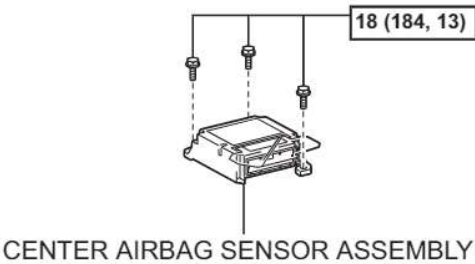
N*m (kgf*cm, ft.*lbf) : Specified torque

C133459E02

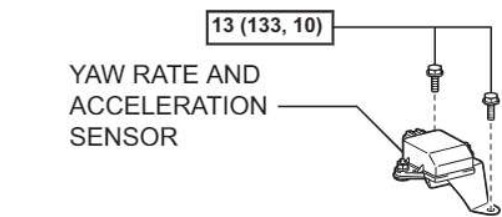
for TMC made:



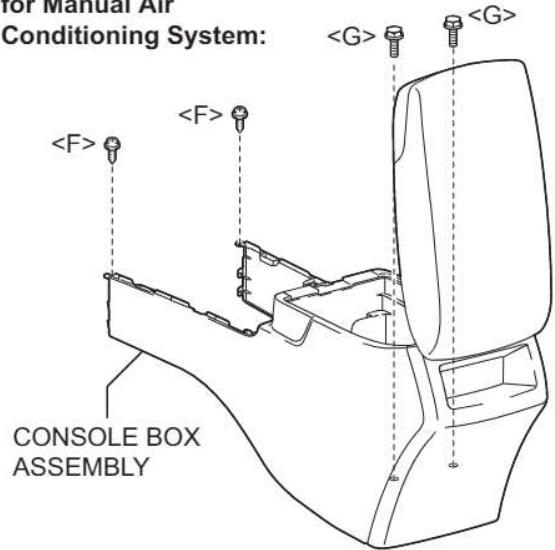
for Automatic Transaxle:



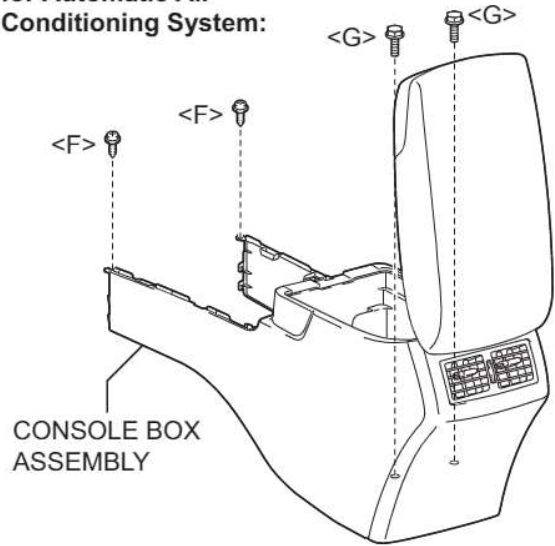
for Automatic Transaxle with VSC:



for Manual Air Conditioning System:



for Automatic Air Conditioning System:



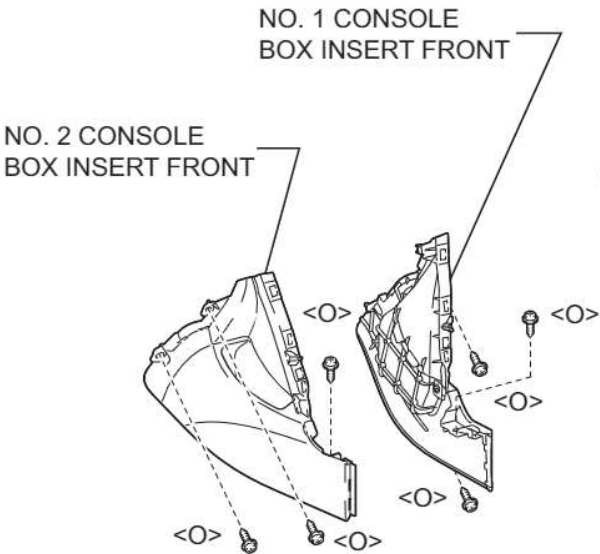
N*m (kgf*cm, ft.*lbf) : Specified torque

C141955E02

PB-40

PARKING BRAKE – PARKING BRAKE CABLE

for TMMK made:



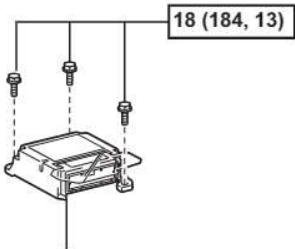
CONSOLE BOX POCKET



CONSOLE BOX CARPET

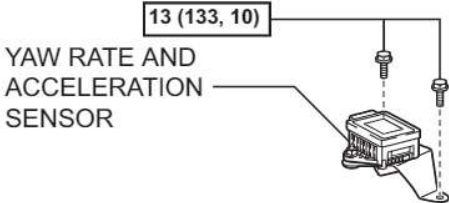


for Automatic Transaxle:



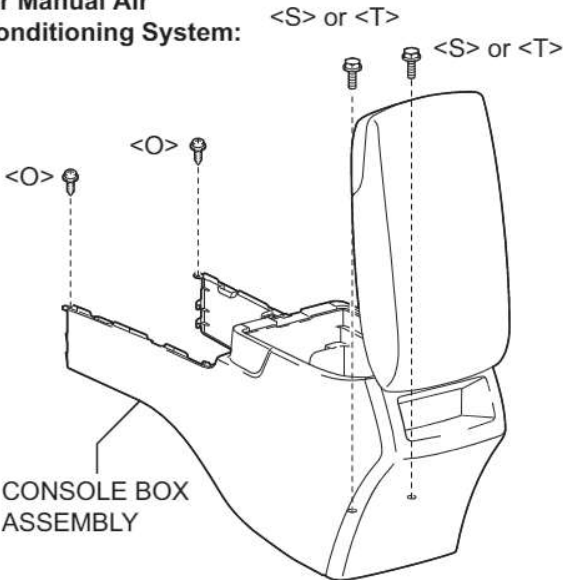
CENTER AIRBAG SENSOR ASSEMBLY

for Automatic Transaxle with VSC:



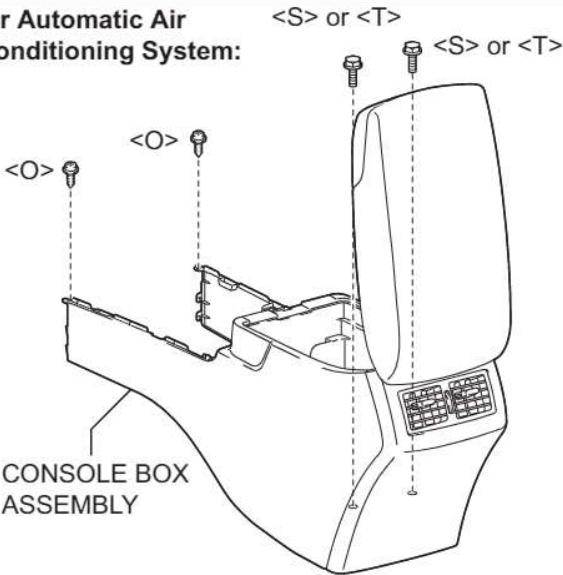
YAW RATE AND
ACCELERATION
SENSOR

for Manual Air
Conditioning System:



CONSOLE BOX
ASSEMBLY

for Automatic Air
Conditioning System:



CONSOLE BOX
ASSEMBLY

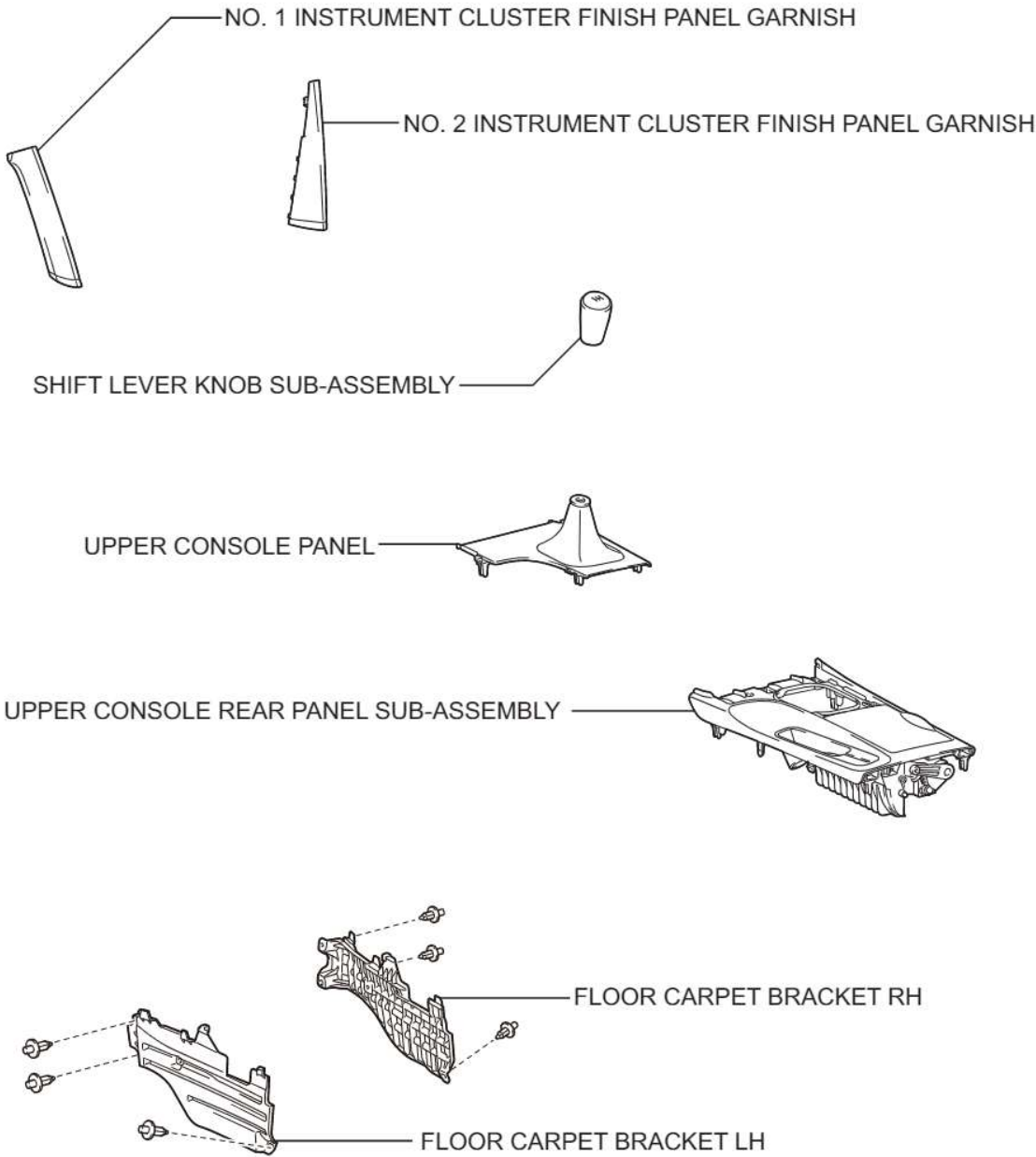
N*m (kgf*cm, ft.*lbf) : Specified torque

C141957E02

PARKING BRAKE – PARKING BRAKE CABLE

PB-41

for Manual Transaxle:



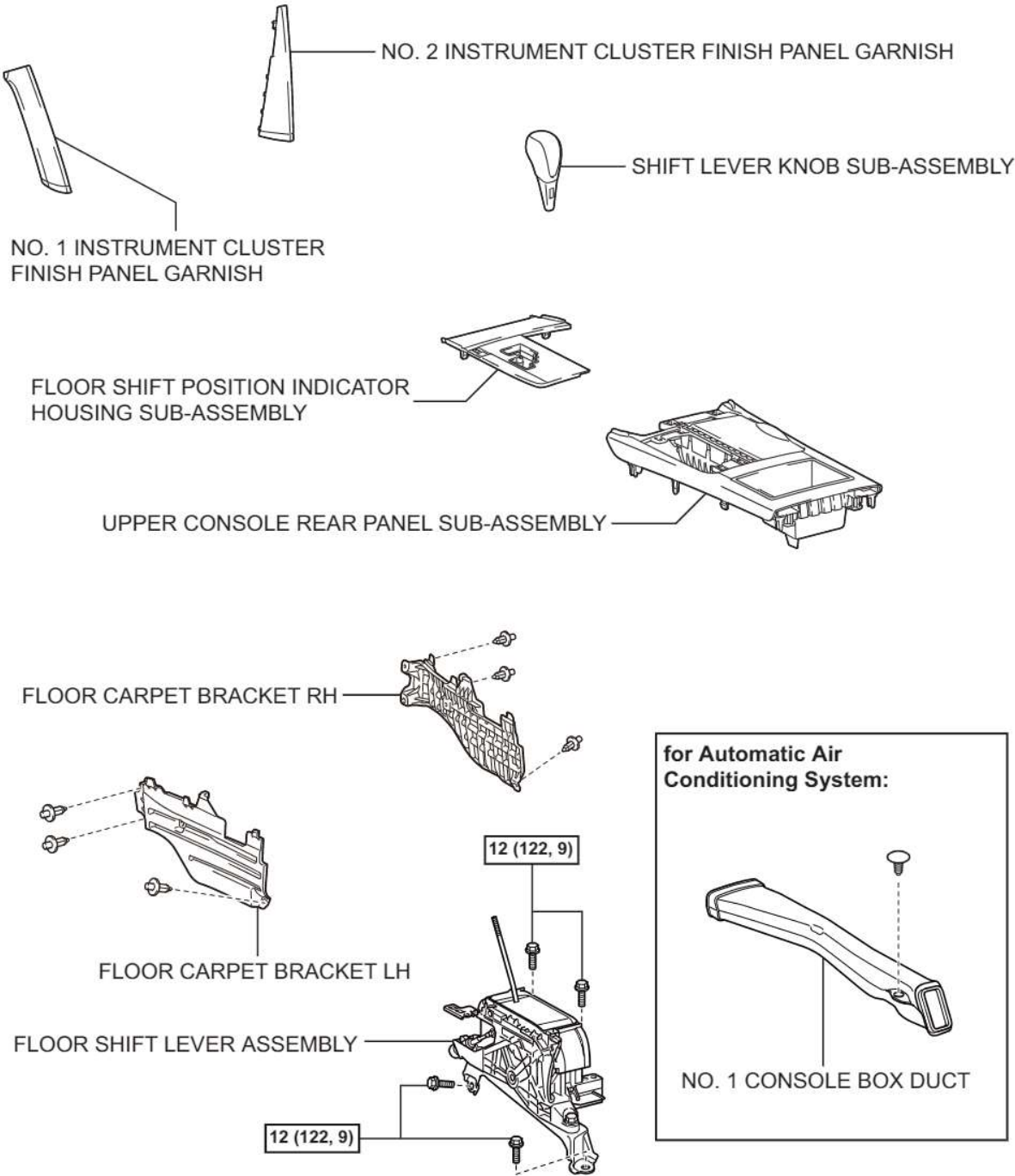
PB

C133456E02

PB-42

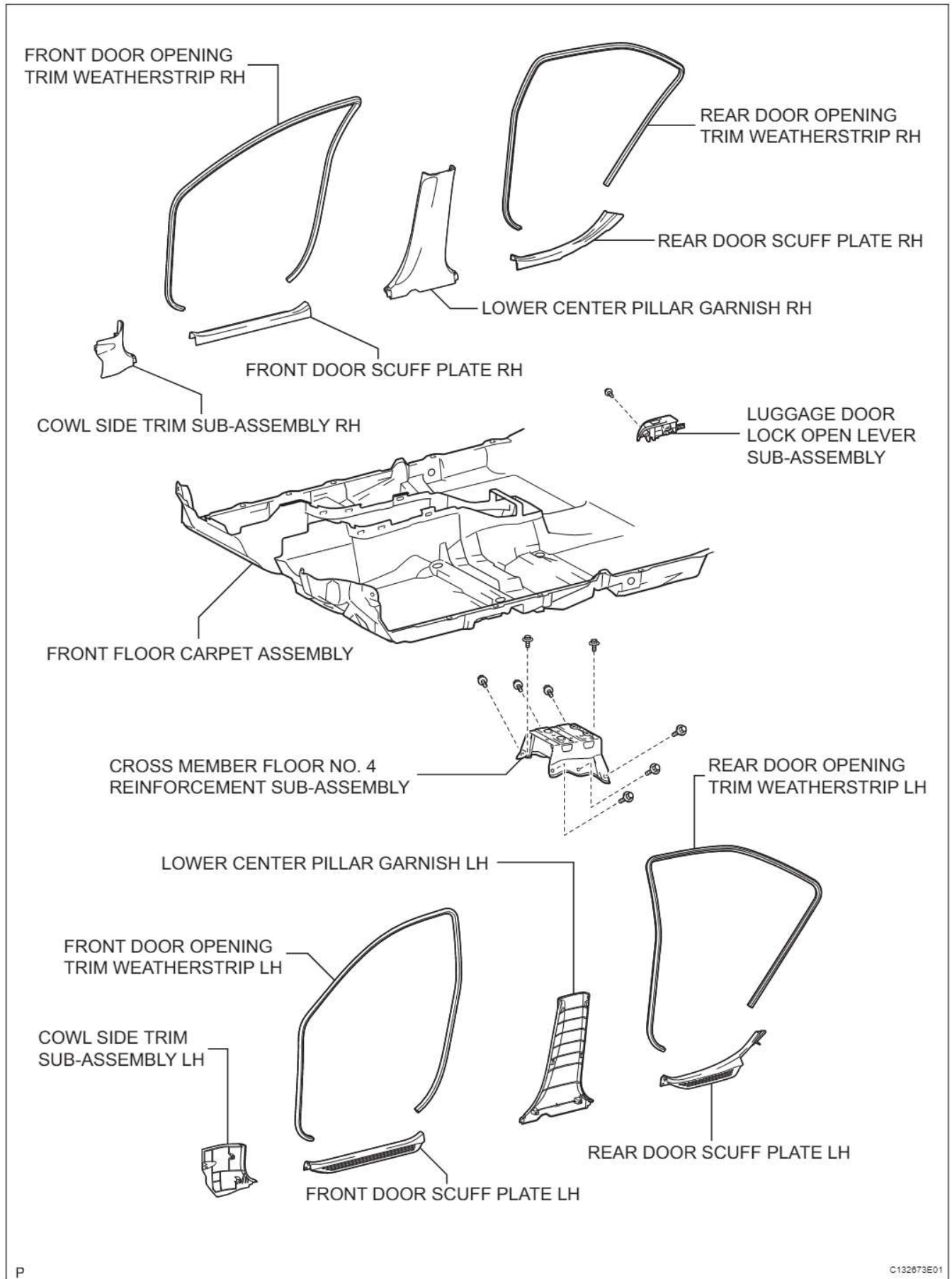
PARKING BRAKE – PARKING BRAKE CABLE

for Automatic Transaxle:



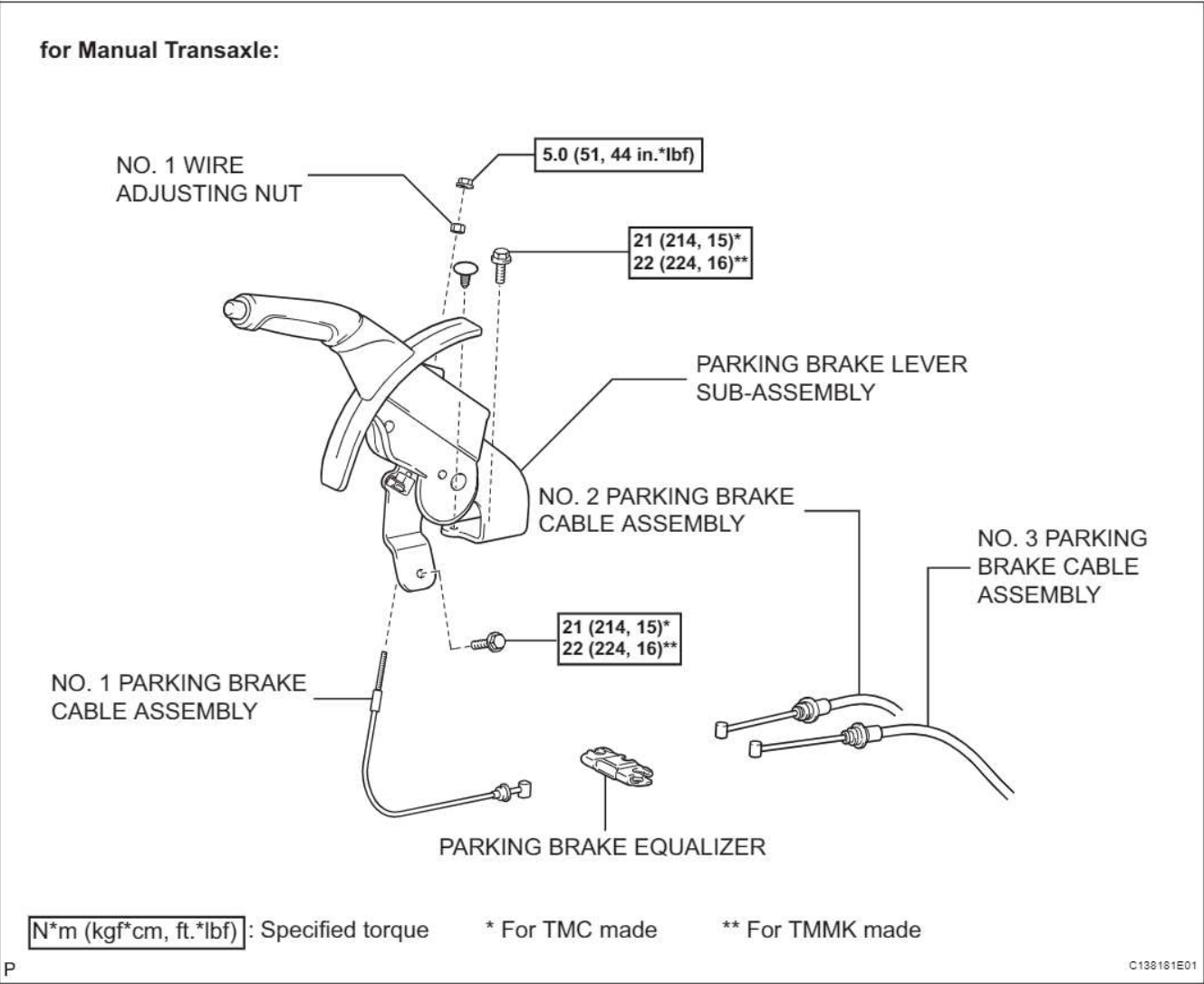
N*m (kgf*cm, ft.*lbf) : Specified torque

C133457E03

PARKING BRAKE – PARKING BRAKE CABLE**PB-43****PB**

PB-44

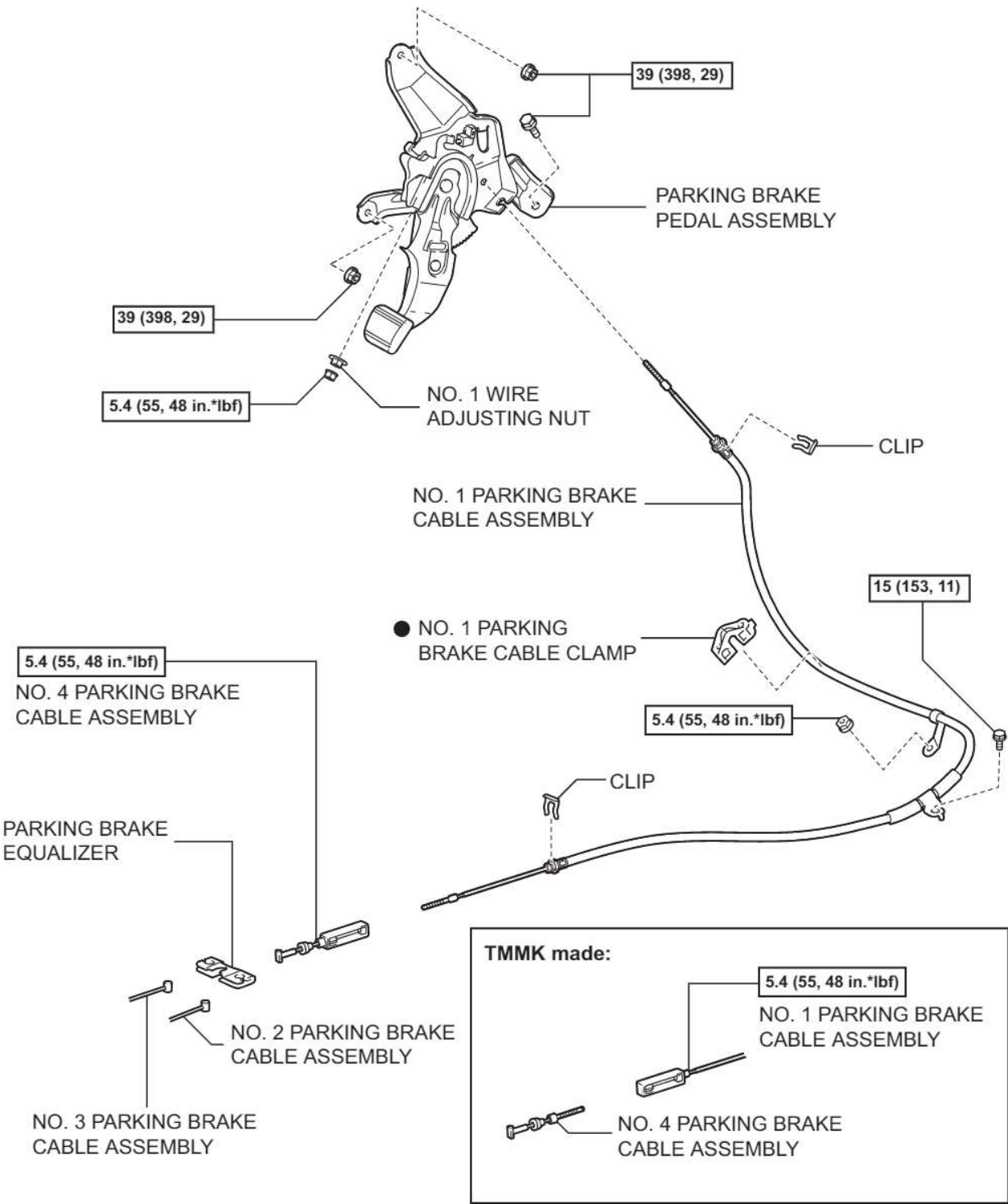
PARKING BRAKE – PARKING BRAKE CABLE



PARKING BRAKE – PARKING BRAKE CABLE

PB-45

for Automatic Transaxle:



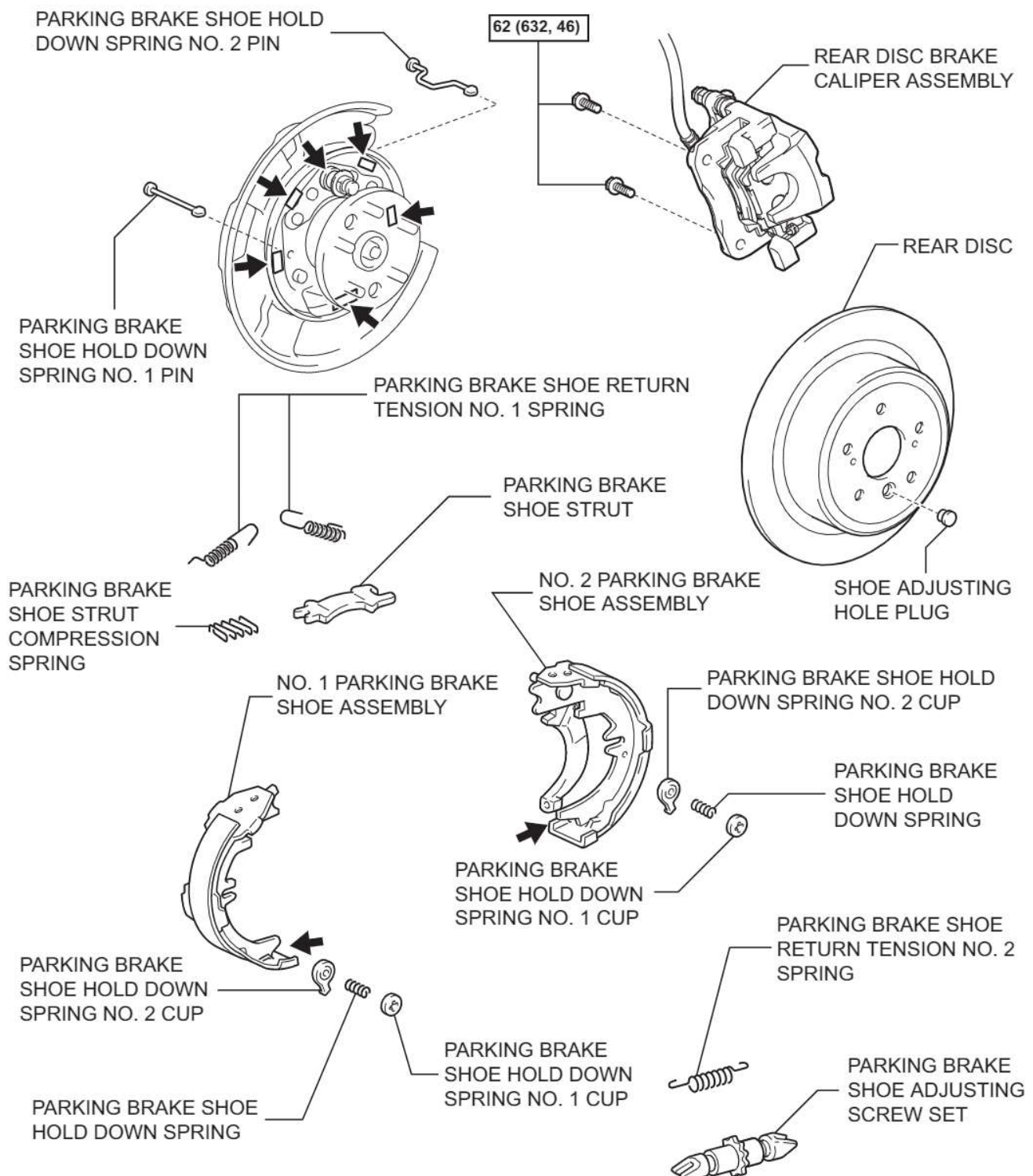
PB

N*m (kgf*cm, ft.*lbf) : Specified torque ● Non-reusable part

C138178E01

PB-46

PARKING BRAKE – PARKING BRAKE CABLE



$N \cdot m$ (kgf*cm, ft.*lbf): Specified torque ← Apply high temperature grease

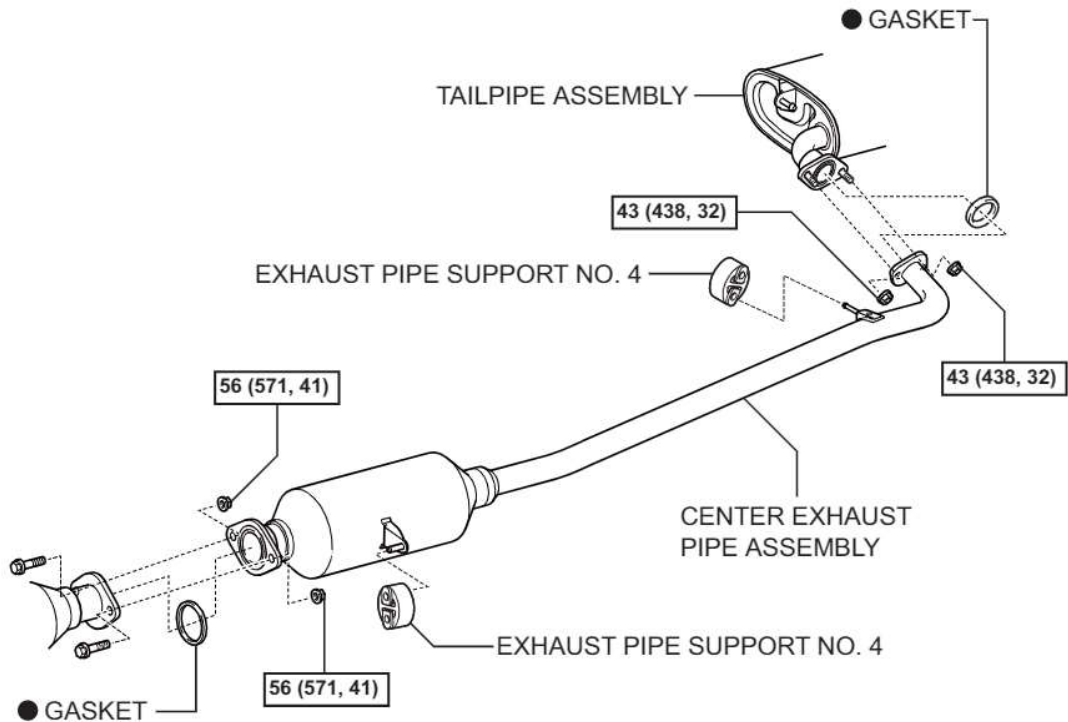
P

C138182E01

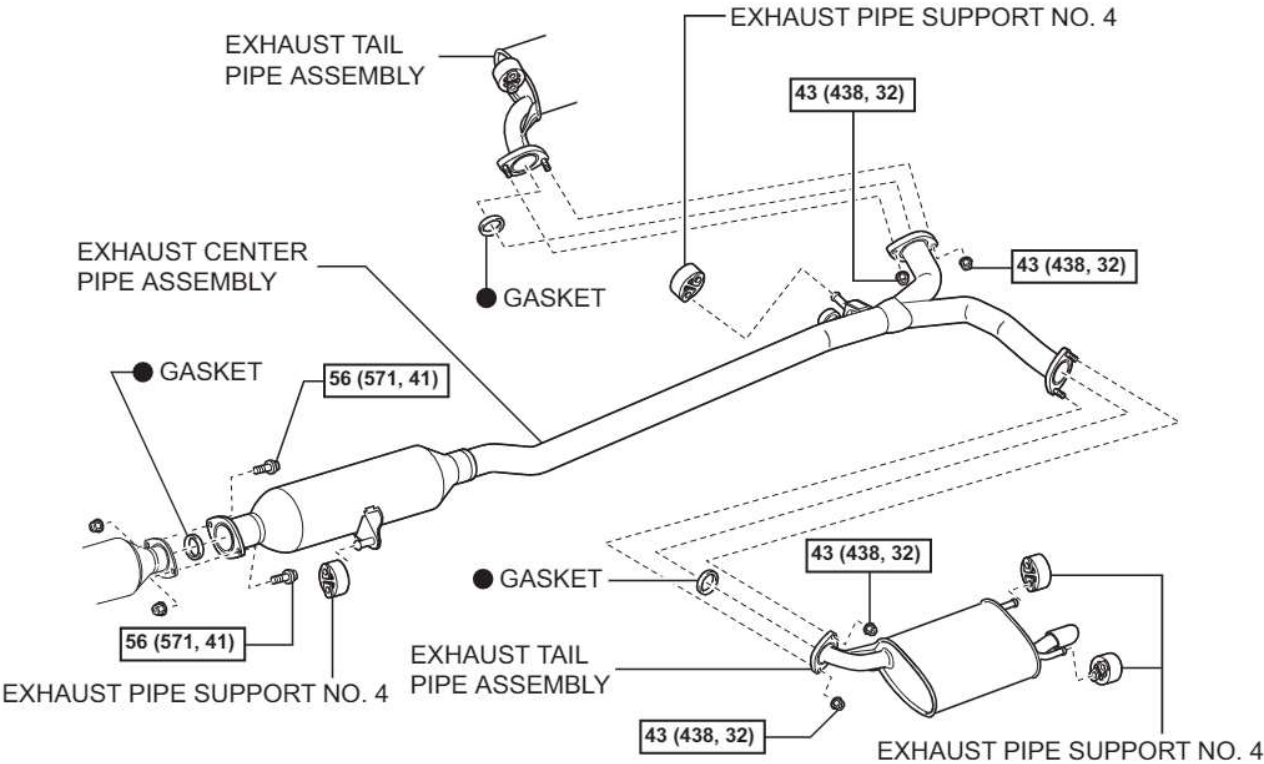
PARKING BRAKE – PARKING BRAKE CABLE

PB-47

for 2AZ-FE:



for 2GR-FE:

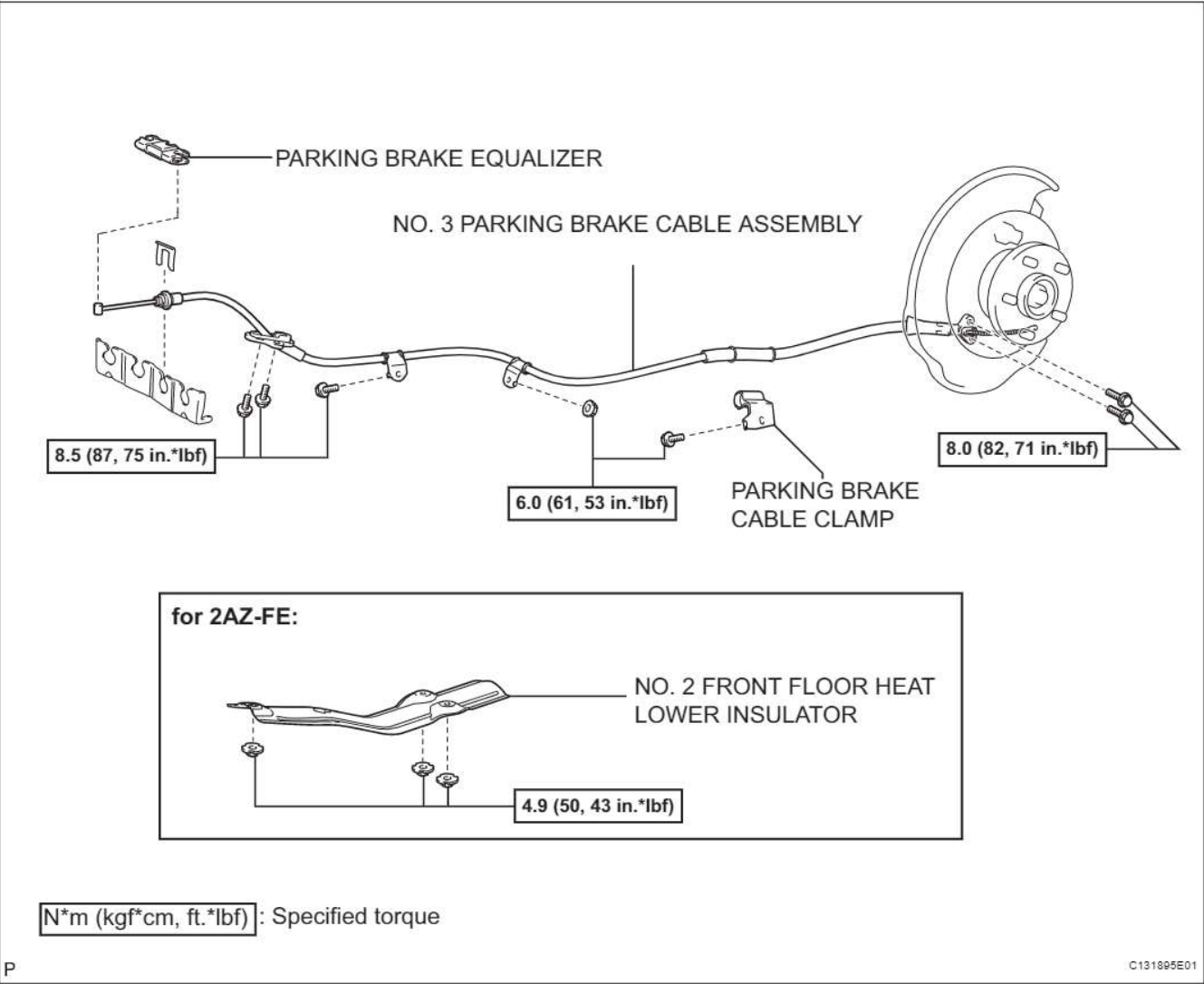


N*m (kgf*cm, ft.*lbf) : Specified torque ● Non-reusable part

C138183E01

PB-48

PARKING BRAKE – PARKING BRAKE CABLE



REMOVAL

HINT:

- Use the same procedures for the No. 2 parking brake cable assembly and No. 3 parking brake cable assembly.
- The procedures listed below are for the No. 3 parking brake cable assembly.

1. PRECAUTION

(See page [IP-20](#))

2. DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL (for Manual Seat)

CAUTION:

Wait for 90 seconds after disconnecting the cable to prevent the airbag working. (See page [RS-1](#))

3. REMOVE FRONT SEAT ASSEMBLY LH (for Manual Seat)

HINT:

Refer to the procedures up to "REMOVE FRONT SEAT ASSEMBLY (for Manual Seat)". (See page [SE-16](#))

4. REMOVE FRONT SEAT ASSEMBLY RH (for Manual Seat)

HINT:

Use the same procedures for the RH side and the LH side.

5. REMOVE FRONT SEAT ASSEMBLY LH (for Power Seat)

HINT:

Refer to the procedures up to "REMOVE FRONT SEAT ASSEMBLY (for Power Seat)". (See page [SE-30](#))

6. REMOVE FRONT SEAT ASSEMBLY RH (for Power Seat)

HINT:

Use the same procedures for the RH side and the LH side.

7. REMOVE PARKING BRAKE LEVER SUB-ASSEMBLY (for Manual Transaxle)

HINT:

Refer to the procedures up to "REMOVE PARKING BRAKE LEVER". (See page [PB-11](#))

8. REMOVE NO. 1 PARKING BRAKE CABLE ASSEMBLY (for Manual Transaxle) (See page [PB-15](#))

9. REMOVE PARKING BRAKE PEDAL ASSEMBLY (for Automatic Transaxle)

HINT:

Refer to the procedures up to "REMOVE PARKING BRAKE PEDAL". (See page [PB-27](#))

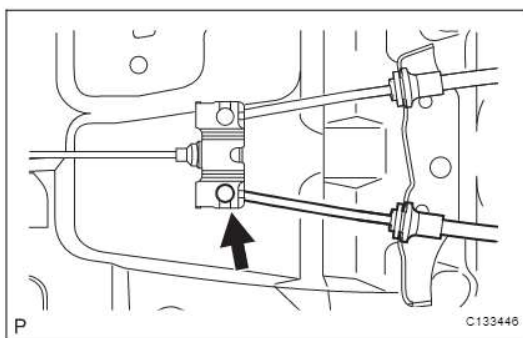
10. REMOVE NO. 1 PARKING BRAKE CABLE ASSEMBLY (for Automatic Transaxle) (See page [PB-30](#))

PB

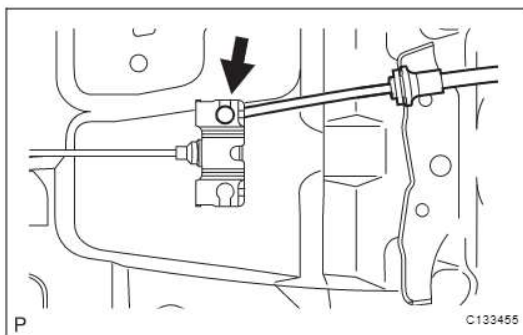
PB-50

PARKING BRAKE – PARKING BRAKE CABLE

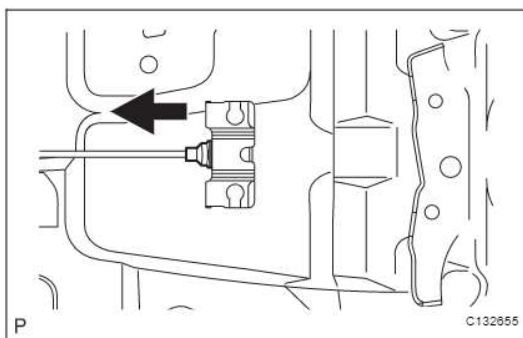
11. REMOVE LUGGAGE DOOR LOCK OPEN LEVER SUB-ASSEMBLY (for Automatic Transaxle) (See page [PB-13](#))
12. REMOVE FRONT FLOOR CARPET ASSEMBLY (for Automatic Transaxle) (See page [PB-14](#))
13. REMOVE CROSS MEMBER FLOOR NO. 4 REINFORCEMENT SUB-ASSEMBLY (for Automatic Transaxle) (See page [PB-14](#))
14. SEPARATE NO. 3 PARKING BRAKE CABLE ASSEMBLY (for Automatic Transaxle)
 - (a) Separate the No. 3 parking brake cable assembly from the parking brake equalizer.



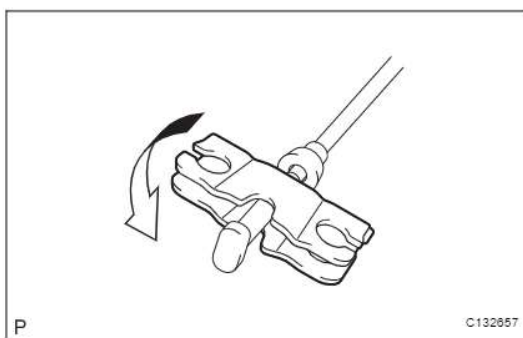
15. SEPARATE NO. 2 PARKING BRAKE CABLE ASSEMBLY (for Automatic Transaxle)
 - (a) Separate the No. 2 parking brake cable assembly from the parking brake equalizer.



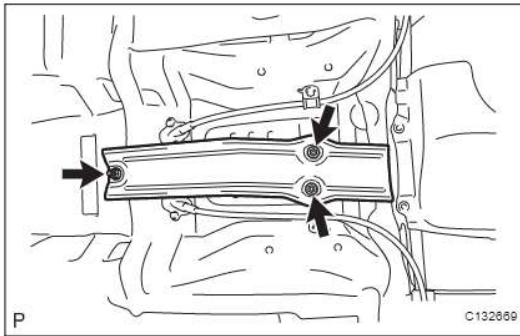
16. REMOVE NO. 4 PARKING BRAKE CABLE ASSEMBLY (for Automatic Transaxle)
 - (a) Slide the rubber boot as shown in the illustration.



- (b) Remove the No. 4 parking brake cable assembly from the parking brake equalizer as shown in the illustration.



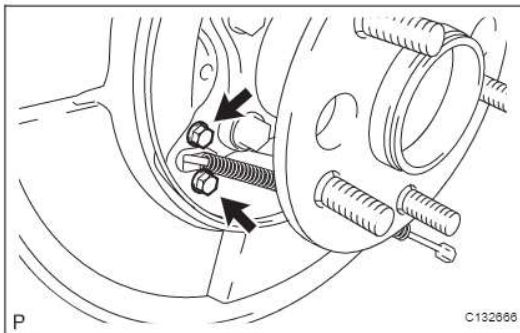
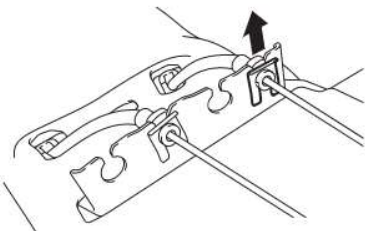
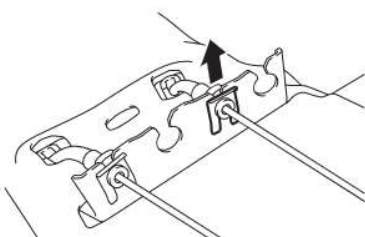
17. REMOVE CENTER EXHAUST PIPE ASSEMBLY (for 2AZ-FE) (See page [EX-2](#))
18. REMOVE EXHAUST TAIL PIPE ASSEMBLY (for 2GR-FE) (See page [EX-2](#))
19. REMOVE EXHAUST CENTER PIPE ASSEMBLY (for 2GR-FE) (See page [EX-2](#))

PARKING BRAKE – PARKING BRAKE CABLE**PB-51****20. REMOVE NO. 2 FRONT FLOOR HEAT LOWER INSULATOR (for 2AZ-FE)**

- (a) Remove the 3 nuts and the No. 2 front floor heat lower insulator.

21. REMOVE REAR WHEEL**22. SEPARATE REAR DISC BRAKE CALIPER ASSEMBLY (See page PB-58)****23. REMOVE REAR DISC (See page PB-58)****24. REMOVE PARKING BRAKE SHOE RETURN TENSION NO. 1 SPRING (See page PB-58)****25. REMOVE PARKING BRAKE SHOE STRUT (See page PB-58)****26. REMOVE NO. 1 PARKING BRAKE SHOE ASSEMBLY (See page PB-58)****27. REMOVE PARKING BRAKE SHOE ADJUSTING SCREW SET (See page PB-59)****28. REMOVE NO. 2 PARKING BRAKE SHOE ASSEMBLY (See page PB-59)****29. REMOVE NO. 3 PARKING BRAKE CABLE ASSEMBLY**

- (a) Remove the 2 bolts and separate the No. 3 parking brake cable assembly from the backing plate.

**for Manual Transaxle:****for Automatic Transaxle:**

C138188E01

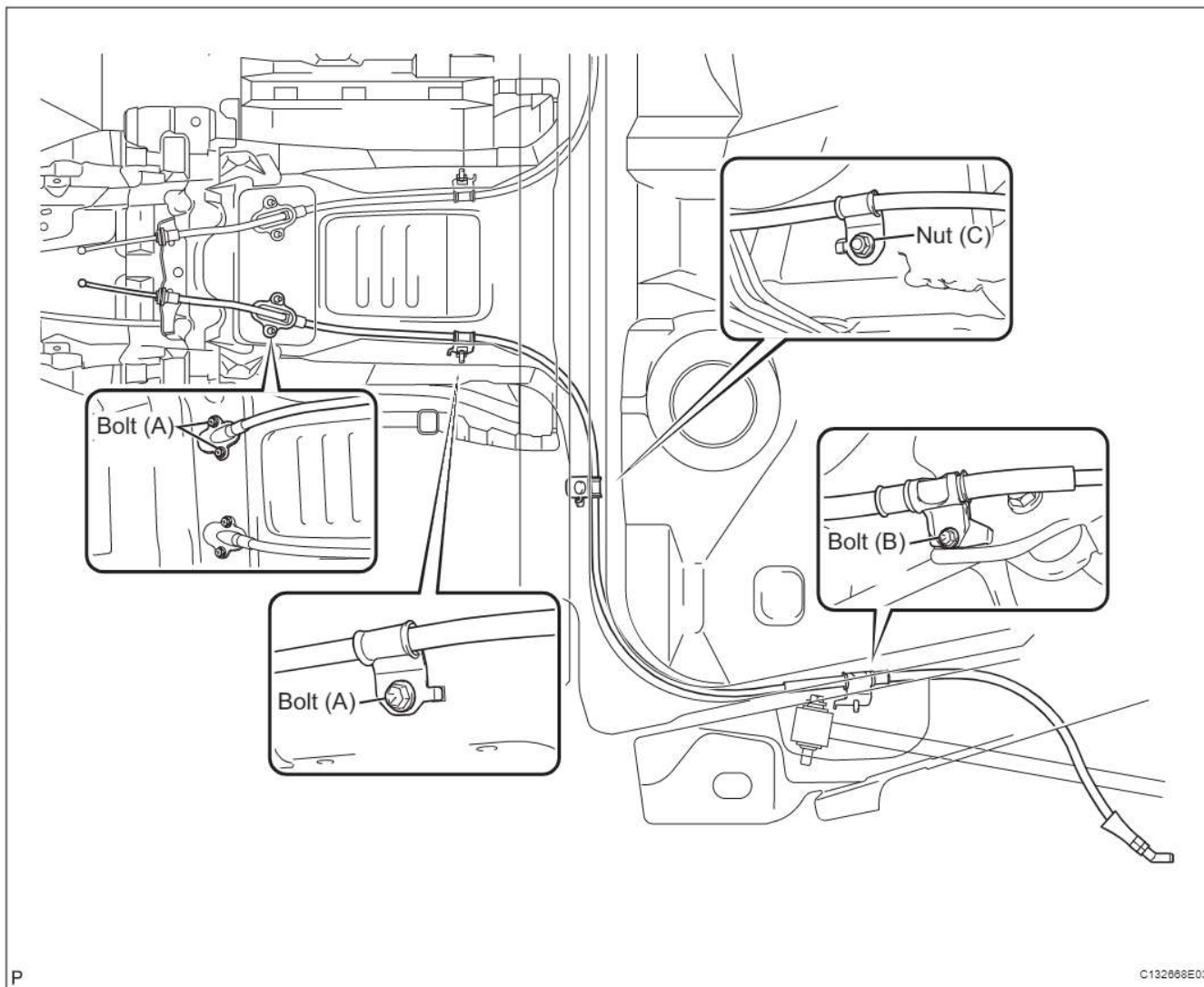
PB

- (b) Using needle-nose pliers, remove the clip from the No. 3 parking brake cable assembly.

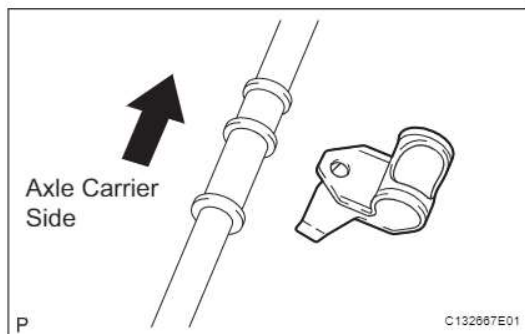
PB-52

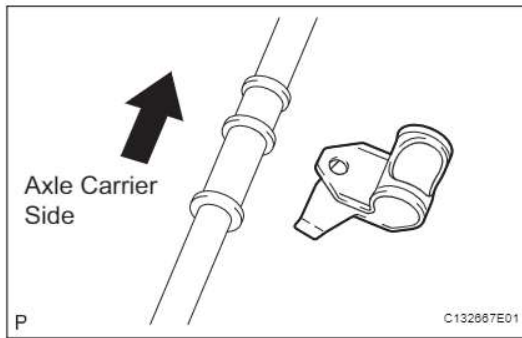
PARKING BRAKE – PARKING BRAKE CABLE

- (c) Remove the 3 bolts (A), the bolt (B), and the nut (C), and disengage each claw.

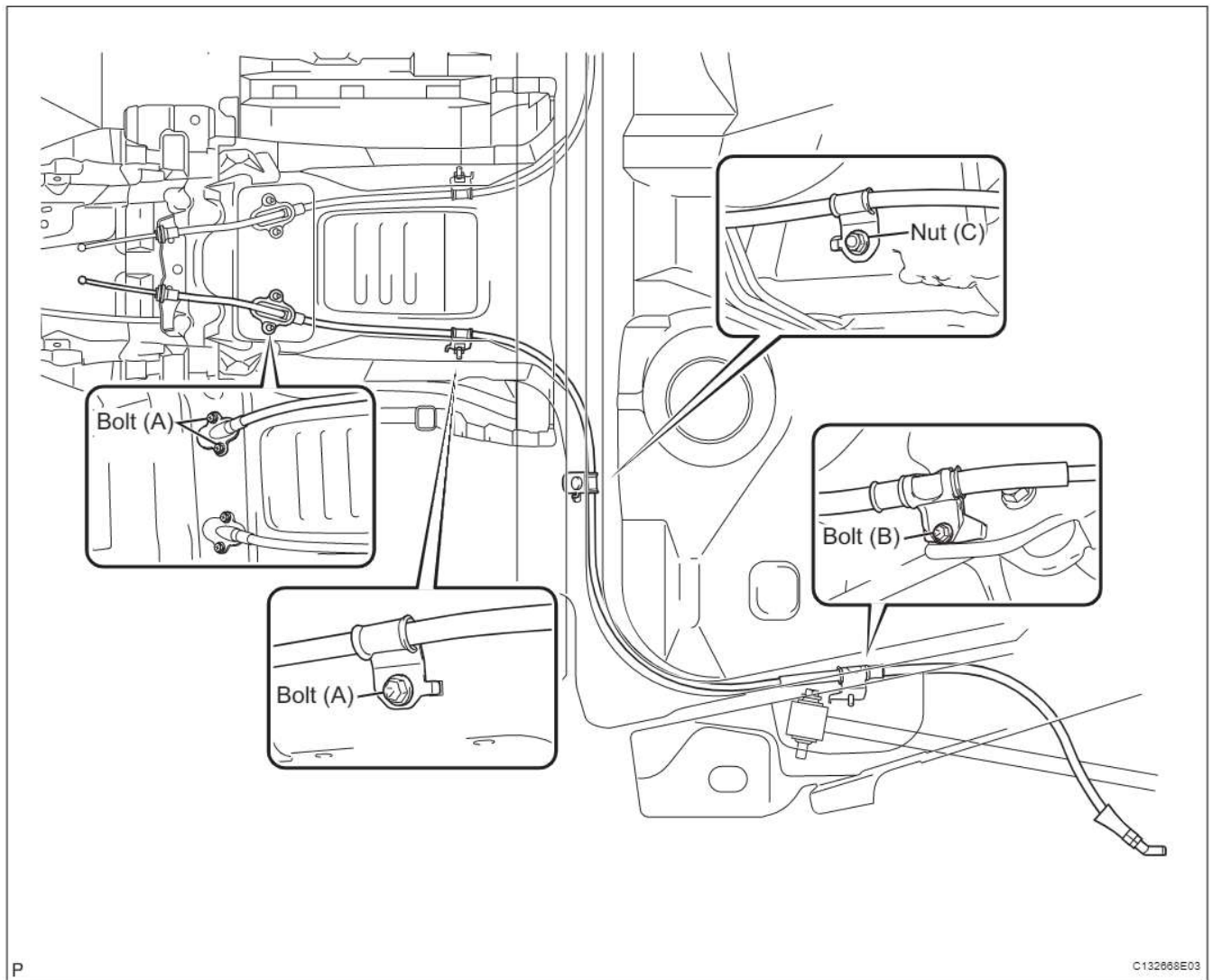


- (d) Remove the No. 3 parking brake cable assembly from the body.
- (e) Remove the parking brake cable clamp.



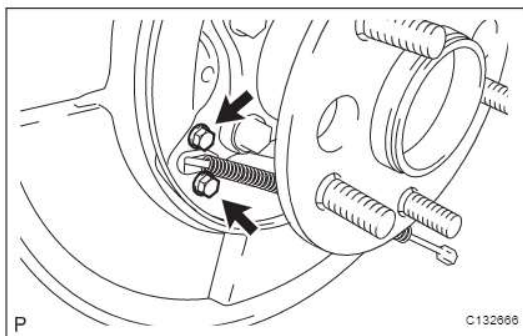
PARKING BRAKE – PARKING BRAKE CABLE**PB-53****INSTALLATION****1. INSTALL NO. 3 PARKING BRAKE CABLE ASSEMBLY**

- (a) Install the parking brake cable clamp to the No. 3 parking brake cable assembly.
- (b) Install the No. 3 parking brake cable assembly with the 3 bolts (A), the bolt (B) and the nut (C), and engage each claw.

Torque: Bolt (A)**8.5 N*m (87 kgf*cm, 75 in.*lbf)****Bolt (B) and Nut (C)****6.0 N*m (61 kgf*cm, 53 in.*lbf)****PB**

PB-54

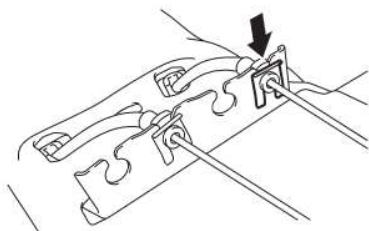
PARKING BRAKE – PARKING BRAKE CABLE



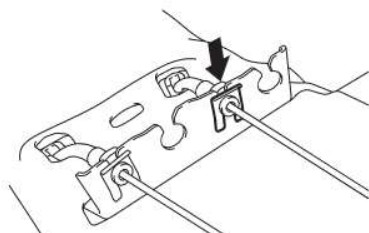
- (c) Install the No. 3 parking brake cable assembly to the backing plate with the 2 bolts.

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

for Manual Transaxle:

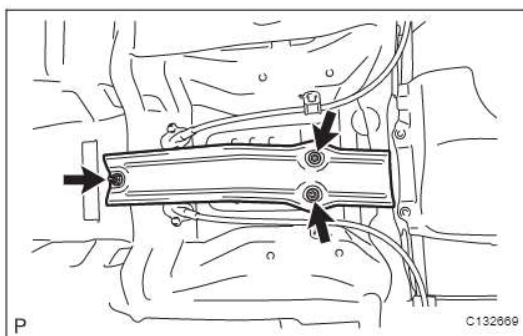


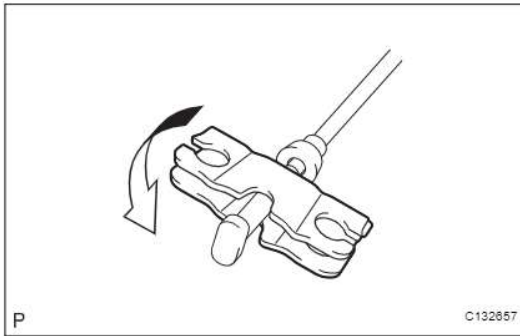
for Automatic Transaxle:



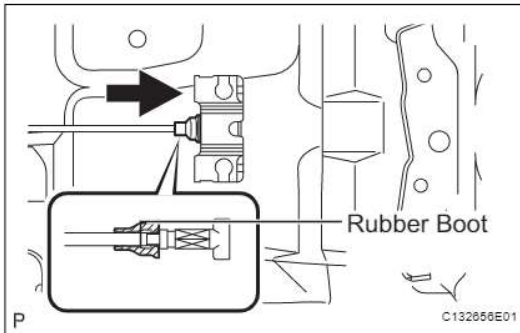
- (d) Using a brass bar and a hammer, install the clip to the No. 3 parking brake cable assembly.

2. **INSTALL NO. 2 PARKING BRAKE SHOE ASSEMBLY** (See page [PB-61](#))
3. **INSTALL PARKING BRAKE SHOE ADJUSTING SCREW SET** (See page [PB-62](#))
4. **INSTALL NO. 1 PARKING BRAKE SHOE ASSEMBLY** (See page [PB-62](#))
5. **INSTALL PARKING BRAKE SHOE STRUT** (See page [PB-62](#))
6. **INSTALL PARKING BRAKE SHOE RETURN TENSION NO. 1 SPRING** (See page [PB-62](#))
7. **CHECK PARKING BRAKE INSTALLATION** (See page [PB-63](#))
8. **INSTALL REAR DISC** (See page [PB-63](#))
9. **ADJUST PARKING BRAKE SHOE CLEARANCE** (See page [PB-63](#))
10. **INSTALL REAR DISC BRAKE CALIPER ASSEMBLY** (See page [PB-63](#))
11. **INSTALL REAR WHEEL**
12. **INSTALL NO. 2 FRONT FLOOR HEAT LOWER INSULATOR (for 2AZ-FE)**
 - (a) Install the No. 2 front floor heat lower insulator with the 3 nuts.
Torque: 4.9 N*m (50 kgf*cm, 43 in.*lbf)
13. **INSTALL CENTER EXHAUST PIPE ASSEMBLY (for 2AZ-FE)** (See page [EX-4](#))
14. **INSTALL EXHAUST CENTER PIPE ASSEMBLY (for 2GR-FE)** (See page [EX-4](#))
15. **INSTALL EXHAUST TAIL PIPE ASSEMBLY (for 2GR-FE)** (See page [EX-5](#))

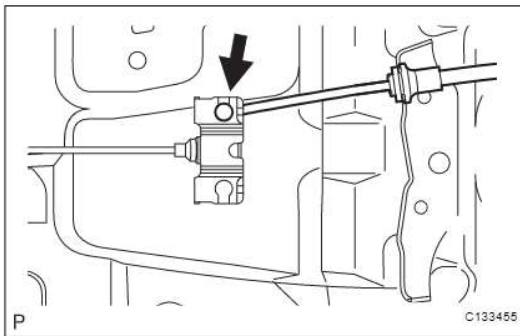


PARKING BRAKE – PARKING BRAKE CABLE**PB-55****16. INSTALL NO. 4 PARKING BRAKE CABLE ASSEMBLY (for Automatic Transaxle)**

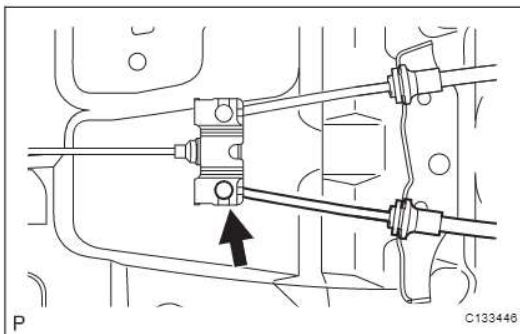
- (a) Install the No. 4 parking brake cable assembly to the parking brake equalizer.



- (b) Slide the rubber boot back as shown in the illustration.

**17. CONNECT NO. 2 PARKING BRAKE CABLE ASSEMBLY (for Automatic Transaxle)**

- (a) Connect the No. 2 parking brake cable assembly to the parking brake equalizer.

**18. CONNECT NO. 3 PARKING BRAKE CABLE ASSEMBLY (for Automatic Transaxle)**

- (a) Connect the No. 3 parking brake cable assembly to the parking brake equalizer.

19. INSTALL CROSS MEMBER FLOOR NO. 4 REINFORCEMENT SUB-ASSEMBLY (for Automatic Transaxle) (See page PB-18)**20. INSTALL FRONT FLOOR CARPET ASSEMBLY (for Automatic Transaxle) (See page PB-18)****21. INSTALL LUGGAGE DOOR LOCK OPEN LEVER SUB-ASSEMBLY (for Automatic Transaxle) (See page PB-18)****22. INSTALL NO. 1 PARKING BRAKE CABLE ASSEMBLY (for Manual Transaxle) (See page PB-16)****23. INSTALL PARKING BRAKE LEVER SUB-ASSEMBLY (for Manual Transaxle)****HINT:**

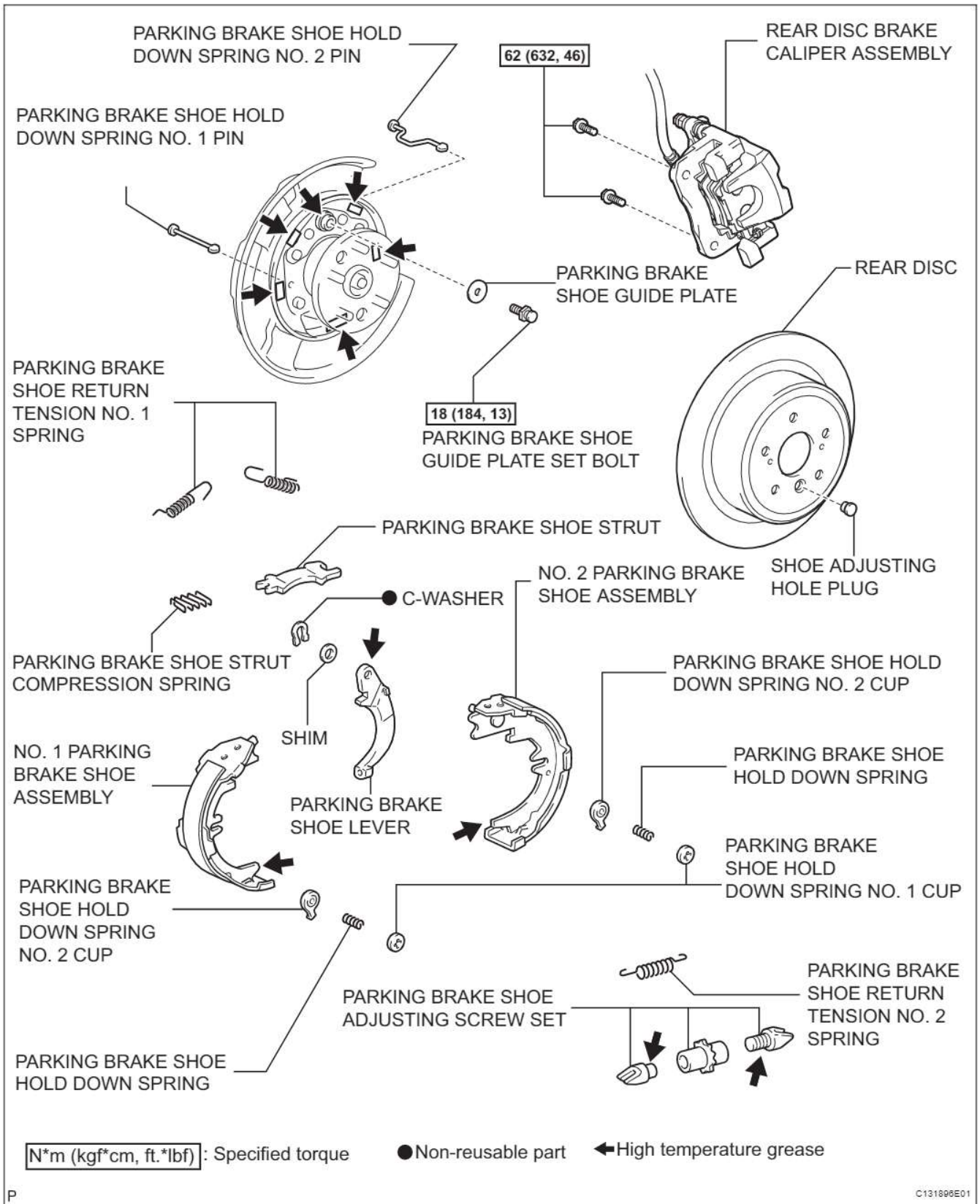
Refer to the procedures up to "INSTALL PARKING BRAKE LEVER". (See page PB-17)

PB

24. **INSTALL NO. 1 PARKING BRAKE CABLE ASSEMBLY (for Automatic Transaxle)** (See page [PB-31](#))
25. **INSTALL PARKING BRAKE PEDAL ASSEMBLY (for Automatic Transaxle)**
HINT:
Refer to the procedures up to "INSTALL PARKING BRAKE PEDAL". (See page [PB-32](#))
26. **INSTALL FRONT SEAT ASSEMBLY LH (for Manual Seat)**
HINT:
Refer to the procedures up to "INSTALL FRONT SEAT ASSEMBLY (for Manual Seat)". (See page [SE-24](#))
27. **INSTALL FRONT SEAT ASSEMBLY RH (for Manual Seat)**
HINT:
Use the same procedures for the RH side and the LH side.
28. **INSTALL FRONT SEAT ASSEMBLY LH (for Power Seat)**
HINT:
Refer to the procedures up to "INSTALL FRONT SEAT ASSEMBLY (for Power Seat)". (See page [SE-41](#))
29. **INSTALL FRONT SEAT ASSEMBLY RH (for Power Seat)**
HINT:
Use the same procedures for the RH side and the LH side.
30. **INSPECT PARKING BRAKE LEVER TRAVEL (for Manual Transaxle)** (See page [PB-2](#))
31. **INSPECT PARKING BRAKE PEDAL TRAVEL (for Automatic Transaxle)** (See page [PB-1](#))
32. **ADJUST PARKING BRAKE LEVER TRAVEL (for Manual Transaxle)** (See page [PB-2](#))
33. **ADJUST PARKING BRAKE PEDAL TRAVEL (for Automatic Transaxle)** (See page [PB-1](#))
34. **CONNECT CABLE TO NEGATIVE BATTERY TERMINAL (for Manual Seat)**
35. **PERFORM ZERO POINT CALIBRATION AND SENSITIVITY CHECK**
HINT:
(See page [RS-242](#))
36. **INSPECT SRS WARNING LIGHT**
37. **INSPECT SLIDE ADJUSTER LOCK (for Manual Seat)**
38. **INSPECT FRONT SEAT ASSEMBLY (for Power Seat)** (See page [SE-42](#))
39. **CHECK FOR EXHAUST GAS LEAKS** (See page [EX-5](#))

PARKING BRAKE ASSEMBLY

COMPONENTS



PB-58**PARKING BRAKE – PARKING BRAKE ASSEMBLY****DISASSEMBLY****HINT:**

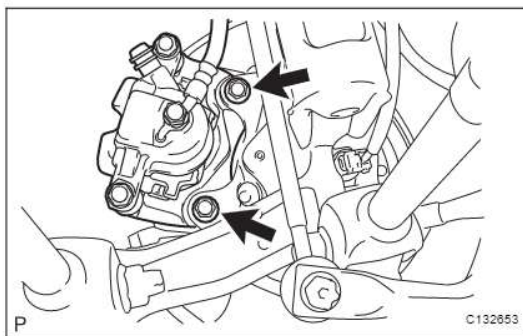
- Use the same procedures for the RH side and the LH side.
- The procedures listed below are for the LH side.

1. REMOVE REAR WHEEL**2. SEPARATE REAR DISC BRAKE CALIPER ASSEMBLY**

- (a) Remove the 2 bolts and separate the rear disc brake caliper assembly.

HINT:

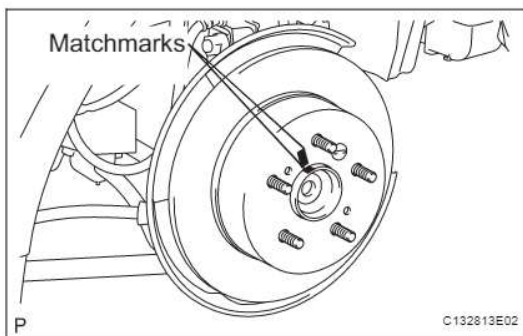
Do not disconnect the flexible hose from the disc brake caliper assembly.

**3. REMOVE REAR DISC**

- (a) Release the parking brake and place the matchmarks on the rear disc and the axle hub.
 (b) Remove the rear disc.

HINT:

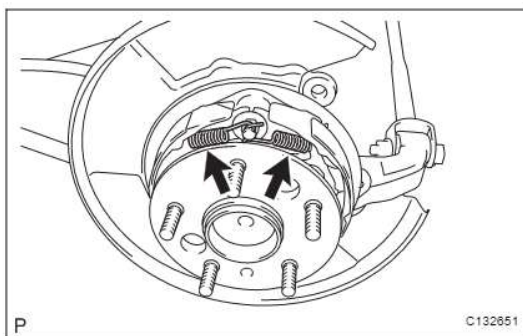
If the disc cannot be removed easily, turn the shoe adjuster until the wheel turns freely.

**4. REMOVE PARKING BRAKE SHOE RETURN TENSION NO. 1 SPRING**

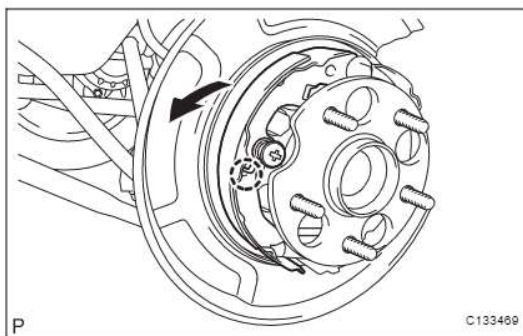
- (a) Using needle-nose pliers, remove the 2 parking brake shoe return tension No. 1 springs.

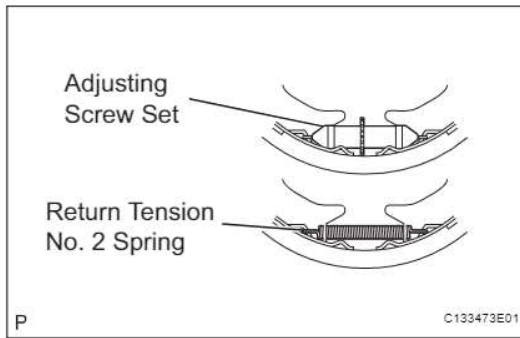
5. REMOVE PARKING BRAKE SHOE STRUT

- (a) Remove the parking brake shoe strut and the parking brake shoe strut compression spring.

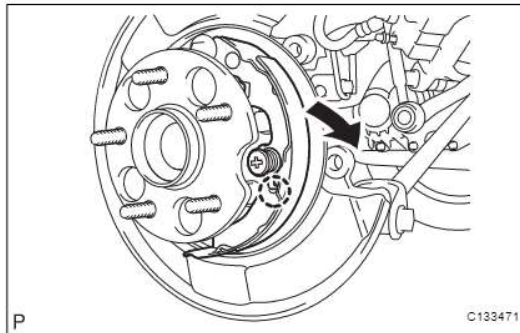
**6. REMOVE NO. 1 PARKING BRAKE SHOE ASSEMBLY**

- (a) Release the claw of the parking brake shoe hold down spring No. 1 cup.
 (b) Remove the No. 1 parking brake shoe assembly as shown in the illustration.
 (c) Remove the parking brake shoe hold down spring No. 1 cup, the parking brake shoe hold down spring, the parking brake shoe hold down spring No. 2 cup, and the parking brake shoe hold down spring No. 1 pin.

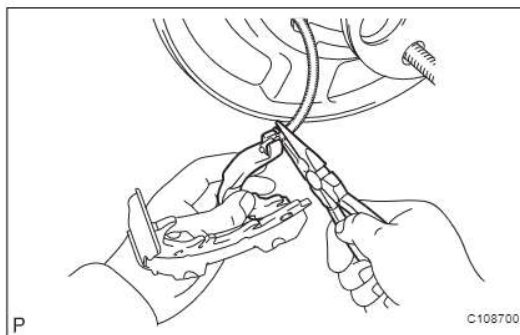
**PB**

PARKING BRAKE – PARKING BRAKE ASSEMBLY**PB-59****7. REMOVE PARKING BRAKE SHOE ADJUSTING SCREW SET**

- (a) Remove the parking brake shoe adjusting screw set.
- (b) Remove the parking brake shoe return tension No. 2 spring.

**8. REMOVE NO. 2 PARKING BRAKE SHOE ASSEMBLY**

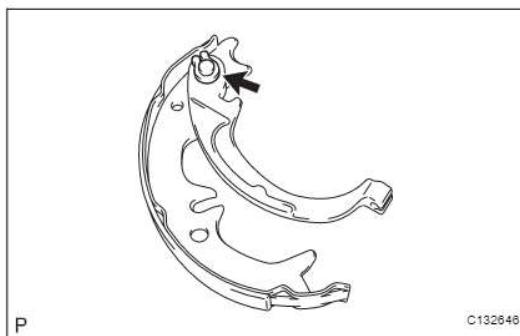
- (a) Release the claw of the the parking brake shoe hold down spring No. 1 cup.
- (b) Remove the No. 2 parking brake shoe assembly as shown in the illustration.
- (c) Remove the parking brake shoe hold down spring No. 1 cup, the parking brake shoe hold down spring, the parking brake shoe hold down spring No. 2 cup, and the parking brake shoe hold down spring No. 2 pin.



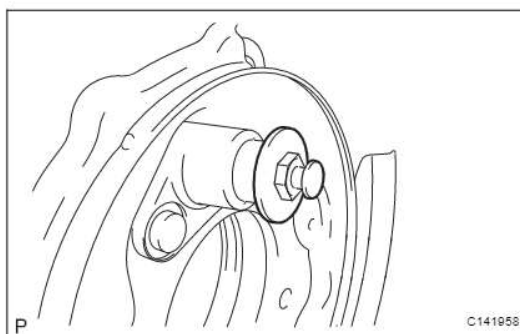
- (d) Using needle-nose pliers, disconnect the No. 3 parking brake cable assembly from the parking brake shoe lever.

NOTICE:

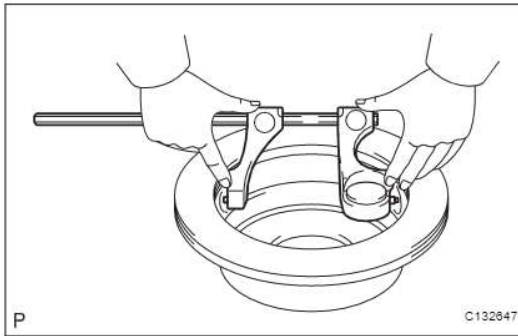
Be careful not to damage the No. 3 parking brake cable assembly.

PB**9. REMOVE PARKING BRAKE SHOE LEVER**

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

**10. REMOVE PARKING BRAKE SHOE GUIDE PLATE**

- (a) Remove the parking brake shoe guide plate set bolt and the parking brake shoe guide plate.

PB-60**PARKING BRAKE – PARKING BRAKE ASSEMBLY****INSPECTION****1. INSPECT BRAKE DISC INSIDE DIAMETER**

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

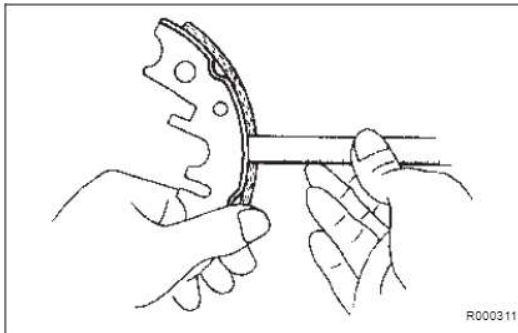
Standard inside diameter:

170 mm (6.69 in.)

Maximum inside diameter:

171 mm (6.73 in.)

If the inside diameter is more than the maximum, replace the disc.

**2. INSPECT PARKING BRAKE SHOE LINING THICKNESS**

- (a) Using a ruler, measure the thickness of the shoe lining.

Standard thickness:

2.0 mm (0.079 in.)

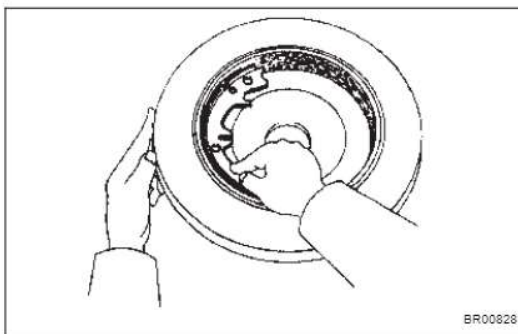
Minimum thickness:

1.0 mm (0.039 in.)

If the lining thickness is less than the minimum, or if there is severe or uneven wear, replace the brake shoe.

NOTICE:

Always replace both the right and left parking brake shoes together.

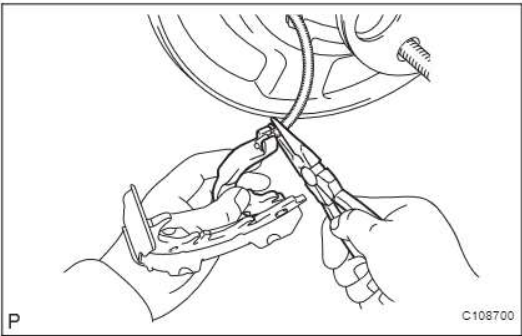
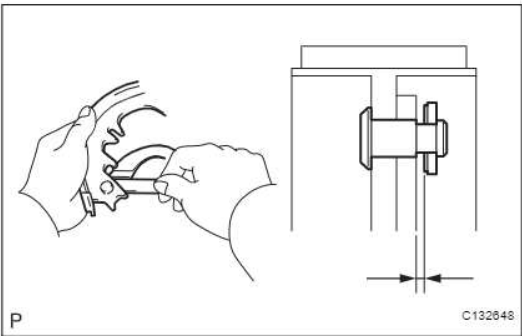
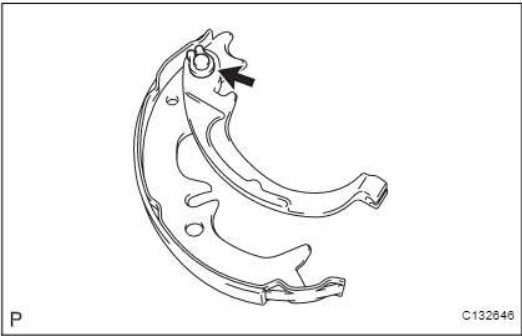
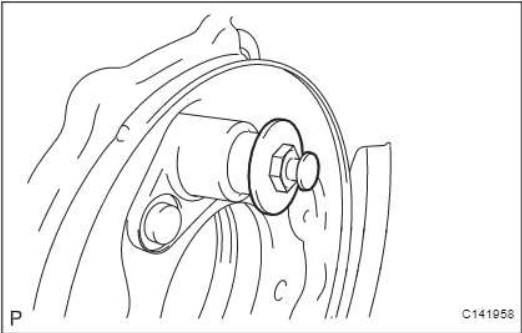
**3. INSPECT BRAKE DISC AND PARKING BRAKE SHOE LINING FOR PROPER CONTACT**

- (a) Apply chalk to the inside surface of the disc, then grind down the brake shoe lining to fit the disc. If the contact between the disc and the brake shoe lining is improper, repair it using a brake shoe grinder or replace the brake shoe.

PB

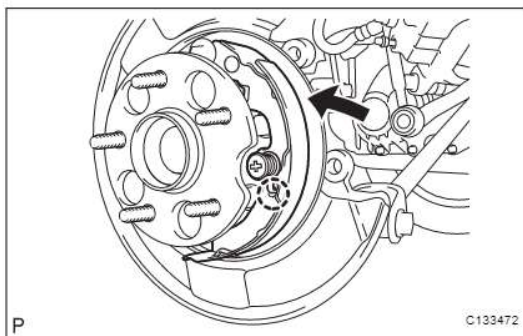
REASSEMBLY

1. APPLY HIGH TEMPERATURE GREASE
- (a) Apply high temperature grease to the backing plate which makes contact with the shoe.
2. INSTALL PARKING BRAKE SHOE GUIDE PLATE
- (a) Apply adhesive to the threads of the parking brake shoe guide plate set bolt.
- Adhesive:
- Toyota Genuine Adhesive 1344, Three Bond 1344 or equivalent
- (b) Install the parking brake shoe guide plate with the parking brake shoe guide plate set bolt.
- Torque: 18 N*m (184 kgf*cm, 13 ft.*lbf)

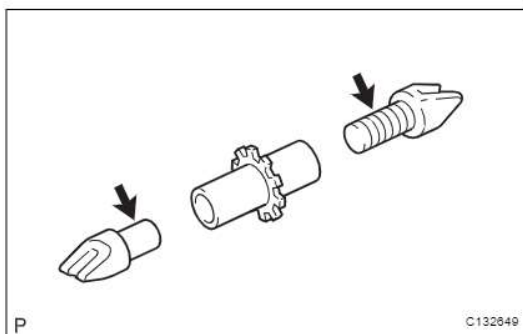


3. INSTALL PARKING BRAKE SHOE LEVER
- (a) Install the parking brake shoe lever and shim to the No. 2 parking brake shoe assembly with a new C-washer.
- (b) Using a feeler gauge, measure the clearance between the No. 2 parking brake shoe assembly and parking brake shoe lever.
- Standard clearance:
- Less than 0.35 mm (0.014 in.)
- If the clearance is not as specified, 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.) | - |
4. INSTALL NO. 2 PARKING BRAKE SHOE ASSEMBLY
- (a) Using needle-nose pliers, connect the No. 3 parking brake cable assembly to the parking brake shoe lever.

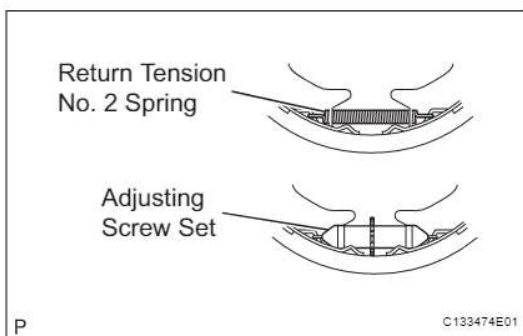
PB

PB-62**PARKING BRAKE – PARKING BRAKE ASSEMBLY**

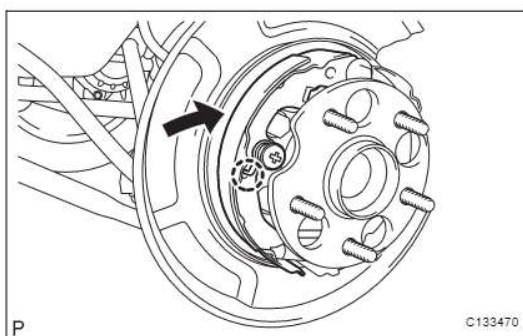
- (b) Install the No. 2 parking brake shoe assembly with the parking brake shoe hold down spring No. 2 pin, the parking brake shoe hold down spring No. 2 cup, the parking brake shoe hold down spring and the parking brake shoe hold down spring No. 1 cup.
- (c) Engage the claw of the parking brake shoe hold down spring No. 1 cup to the No. 2 parking brake shoe assembly.

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

- (a) Apply high temperature grease to the parking brake adjusting screw as shown in the illustration.



- (b) Install the parking brake shoe return tension No. 2 spring to the No. 1 parking brake shoe assembly and the No. 2 parking brake shoe assembly.
- (c) Install the parking brake shoe adjusting screw set to the No. 1 parking brake shoe assembly and the No. 2 parking brake shoe assembly.

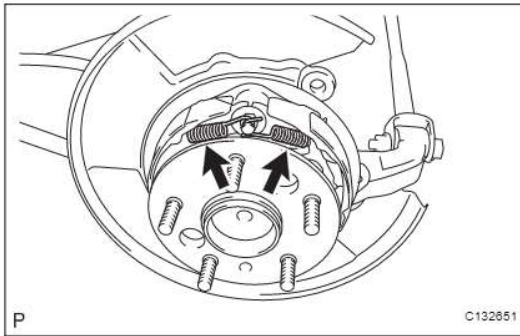
**6. INSTALL NO. 1 PARKING BRAKE SHOE ASSEMBLY**

- (a) Install the No. 1 parking brake shoe assembly with the parking brake shoe hold down spring No. 1 pin, parking brake shoe hold down spring No. 2 cup, parking brake shoe hold down spring and parking brake shoe hold down spring No. 1 cup.

7. INSTALL PARKING BRAKE SHOE STRUT

- (a) Attach the parking brake shoe strut and the parking brake shoe strut compression spring to the No. 1 parking brake shoe assembly and No. 2 parking brake shoe assembly.

PB

PARKING BRAKE – PARKING BRAKE ASSEMBLY**PB-63****8. INSTALL PARKING BRAKE SHOE RETURN TENSION NO. 1 SPRING**

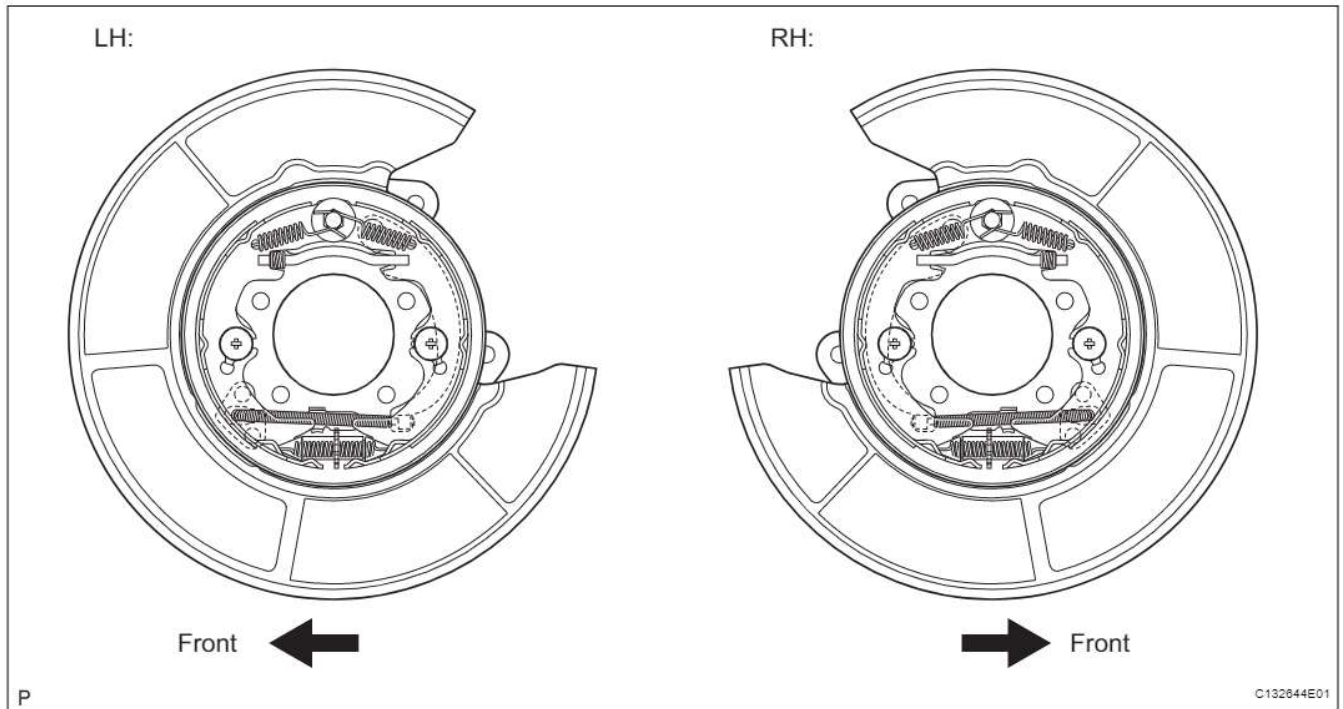
- (a) Using needle-nose pliers, install the 2 parking brake shoe return tension No. 1 springs.

HINT:

First install the front side spring and then the rear side spring.

9. CHECK PARKING BRAKE INSTALLATION

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

**NOTICE:**

There should be no oil or grease on the friction surface of the shoe lining and disc.

10. INSTALL REAR DISC

- (a) Align the matchmarks and install the rear disc.

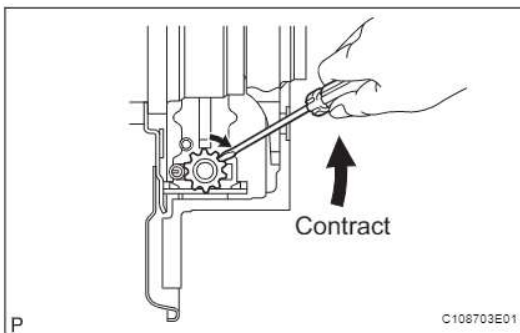
11. ADJUST PARKING BRAKE SHOE CLEARANCE

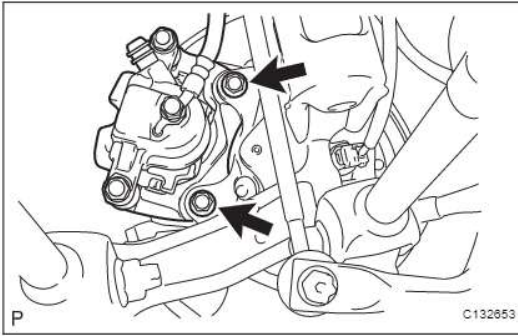
- (a) Temporarily install the hub nuts.
 (b) Remove the shoe adjusting hole plug.
 (c) Turn the adjuster and expand the shoes until the disc locks.
 (d) Contract the shoe adjuster until the disc rotates smoothly.

Standard:

Return 8 notches

- (e) Check that the shoe has no brake drag.
 (f) Install the shoe adjusting hole plug.



PB-64**PARKING BRAKE – PARKING BRAKE ASSEMBLY**

- 12. INSTALL REAR DISC BRAKE CALIPER ASSEMBLY**
 - (a) Install the rear disc brake caliper assembly with the 2 bolts.
Torque: 62 N*m (632 kgf*cm, 46 ft.*lbf)
- 13. INSTALL REAR WHEEL**
Torque: 103 N*m (1,050 kgf*cm, 76 ft.*lbf)
- 14. INSPECT PARKING BRAKE PEDAL TRAVEL** (for Automatic Transaxle) (See page [PB-1](#))
- 15. INSPECT PARKING BRAKE LEVER TRAVEL** (for Manual Transaxle) (See page [PB-2](#))
- 16. ADJUST PARKING BRAKE PEDAL TRAVEL** (for Automatic Transaxle) (See page [PB-1](#))
- 17. ADJUST PARKING BRAKE LEVER TRAVEL** (for Manual Transaxle) (See page [PB-2](#))