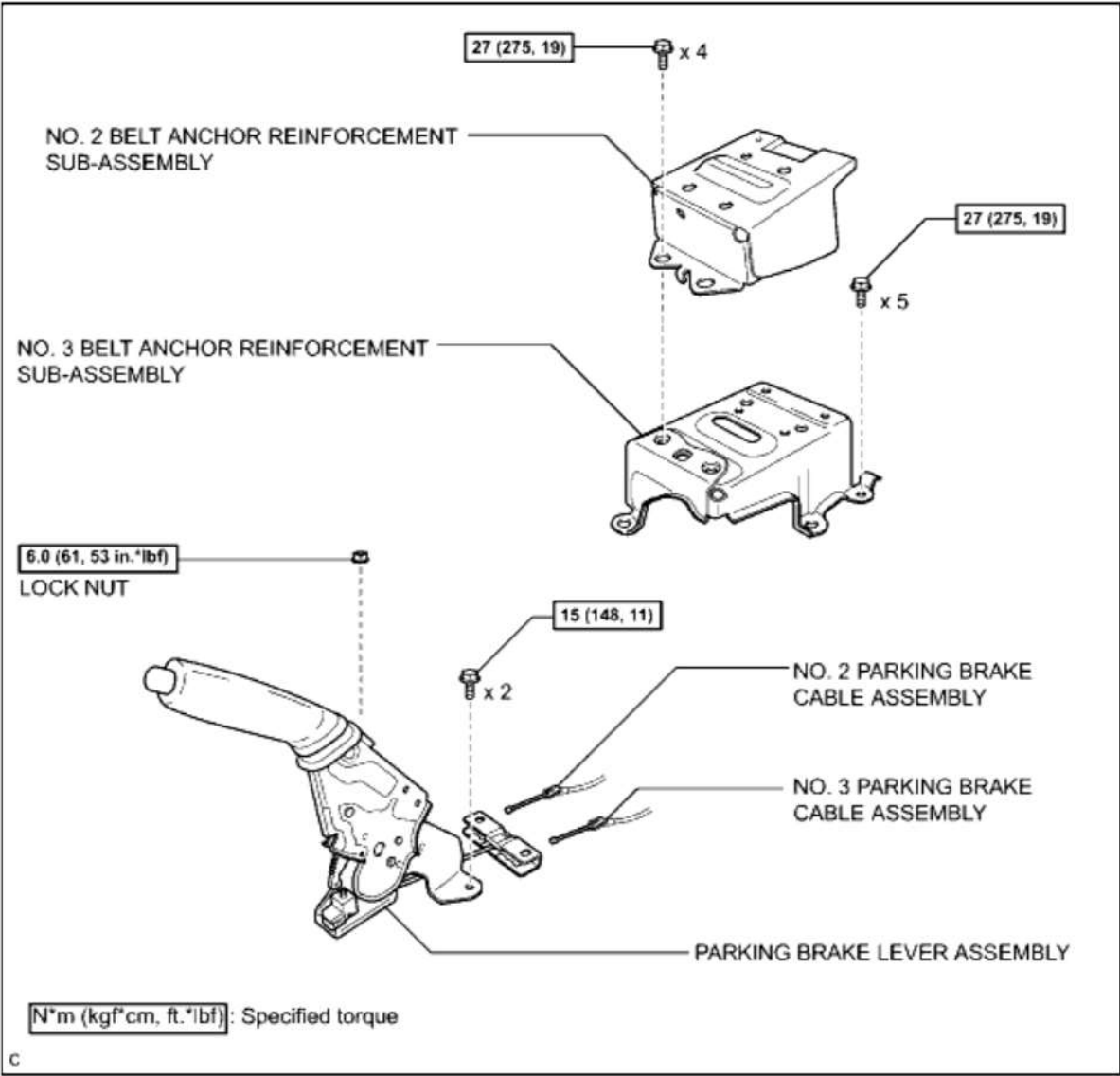


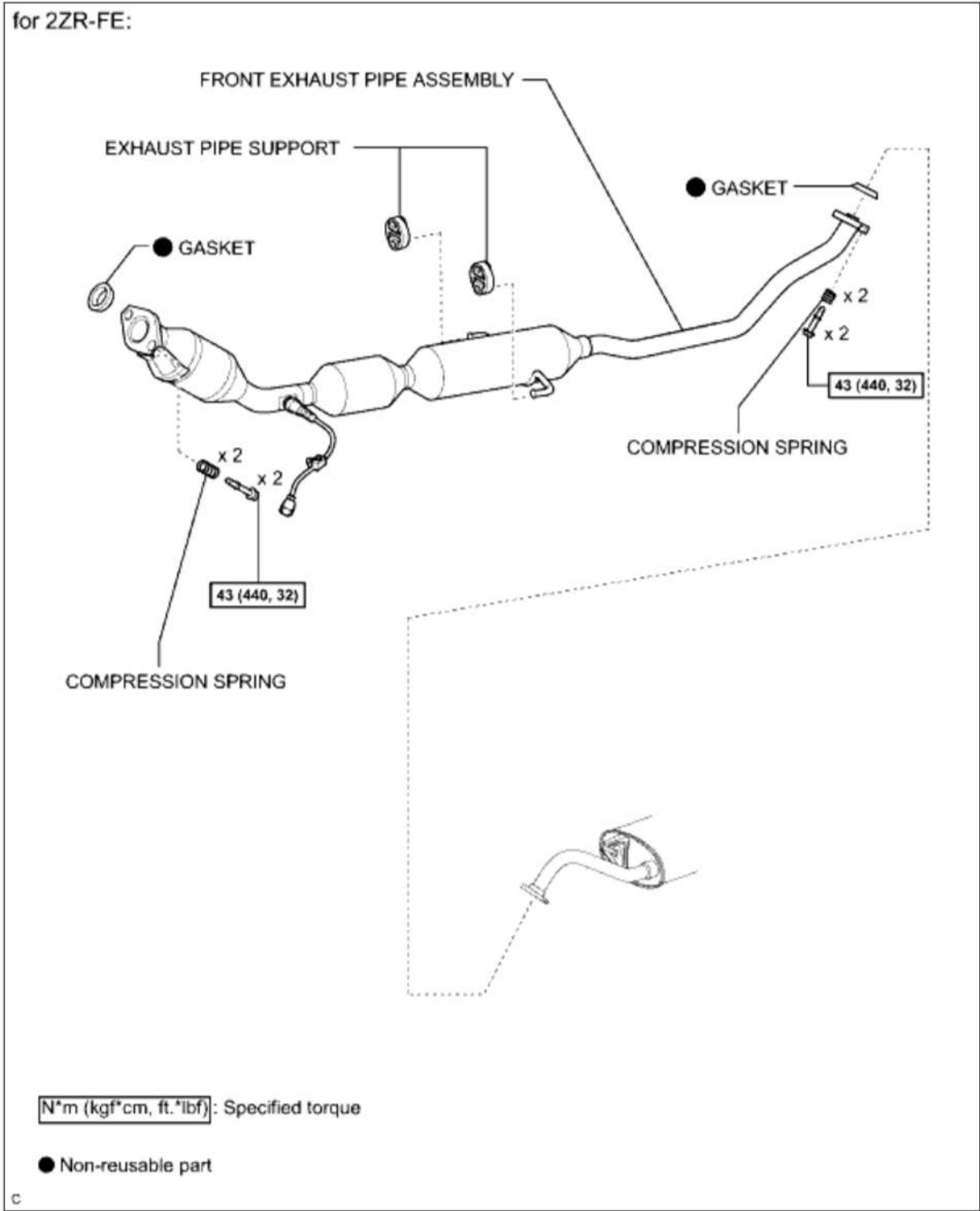
Last Modified: 3-10-2010	6.4 K	From: 200901
Model Year: 2010	Model: Corolla	Doc ID: RM000002X64016X
Title: PARKING BRAKE: PARKING BRAKE CABLE (for Rear Disc Brake): COMPONENTS (2010 Corolla)		

COMPONENTS

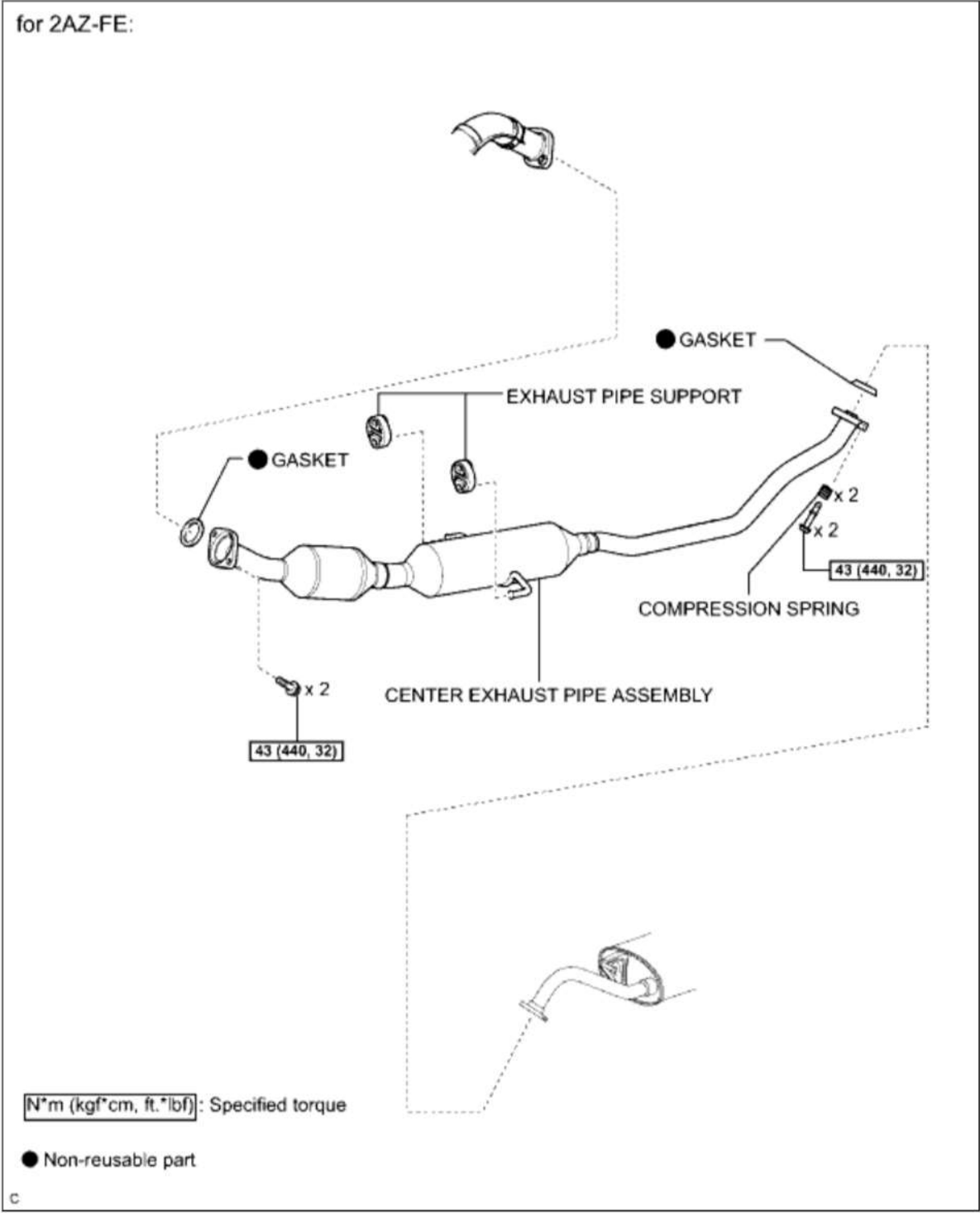
ILLUSTRATION



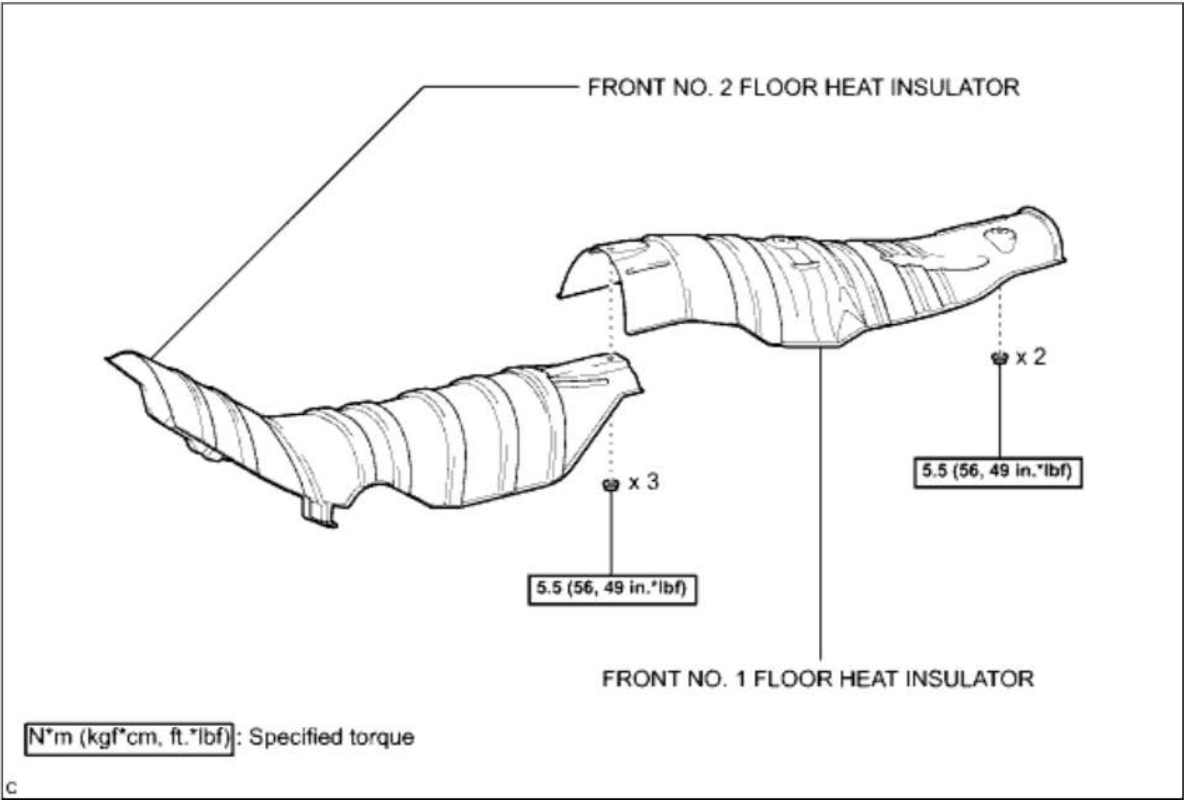
ILLUSTRATION



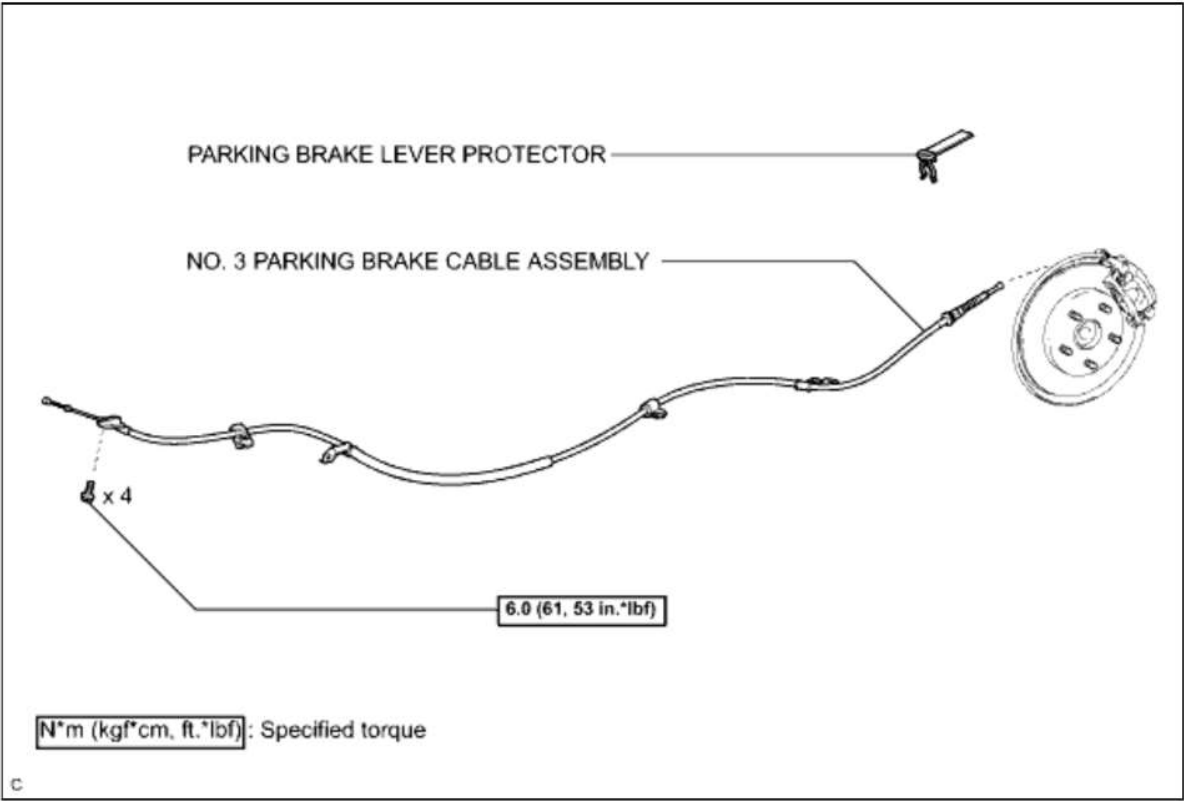
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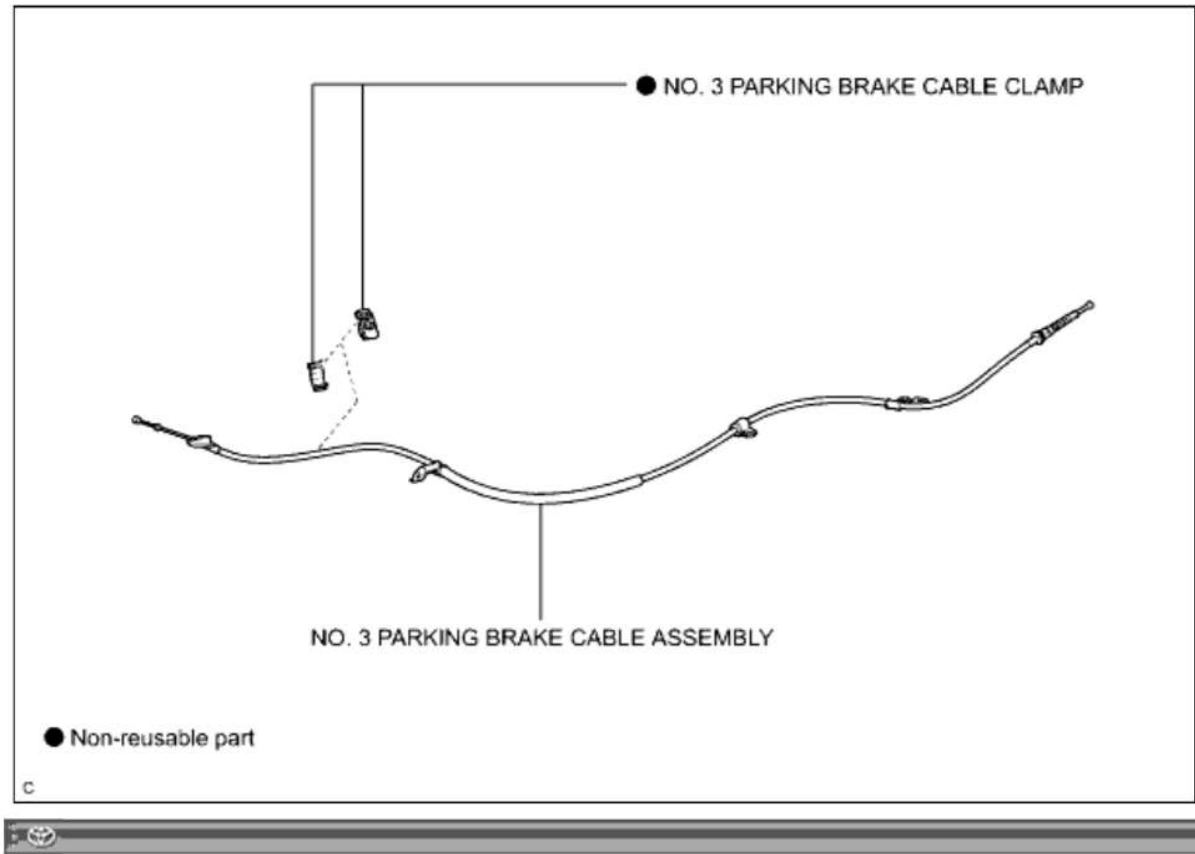
ILLUSTRATION



ILLUSTRATION



ILLUSTRATION



Last Modified: 3-10-2010	6.4 A	From: 200901
Model Year: 2010	Model: Corolla	Doc ID: RM000002X6301BX
Title: PARKING BRAKE: PARKING BRAKE CABLE (for Rear Disc Brake): REMOVAL (2010 Corolla)		

REMOVAL

CAUTION:

Some of these service operations affect the SRS airbag system. Read the precautionary notices concerning the SRS airbag system before servicing .

HINT:

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

1. DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL (w/ Front Seat Side Airbag)

CAUTION:

Wait at least 90 seconds after disconnecting the cable from the negative (-) battery terminal to disable the SRS system.

2. REMOVE REAR WHEELS

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

HINT:

Refer to the instructions for Removal of the front seat assembly .

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

HINT:

Refer to the instructions for Removal of the front seat assembly .

5. REMOVE FRONT SEAT ASSEMBLY RH

HINT:

Perform the same procedure for the LH side.

6. REMOVE CONSOLE BOX ASSEMBLY

HINT:

Refer to the instructions for Removal of the front console box .

7. REMOVE NO. 2 BELT ANCHOR REINFORCEMENT SUB-ASSEMBLY

8. REMOVE NO. 3 BELT ANCHOR REINFORCEMENT SUB-ASSEMBLY

9. SEPARATE PARKING BRAKE EQUALIZER

10. REMOVE PARKING BRAKE LEVER ASSEMBLY

11. REMOVE PARKING BRAKE EQUALIZER

12. REMOVE PARKING BRAKE CABLE END STOPPER

INFO

13. REMOVE NO. 1 PARKING BRAKE CABLE ASSEMBLY

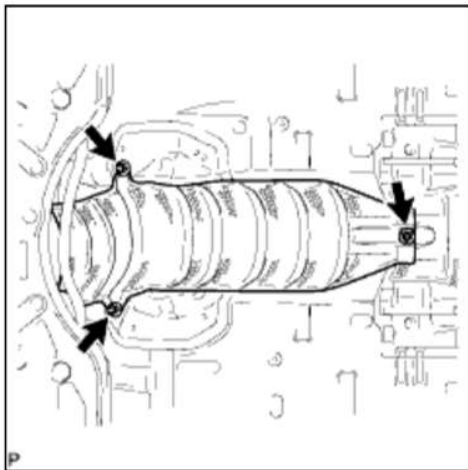
INFO

14. REMOVE FRONT EXHAUST PIPE ASSEMBLY (for 2ZR-FE)

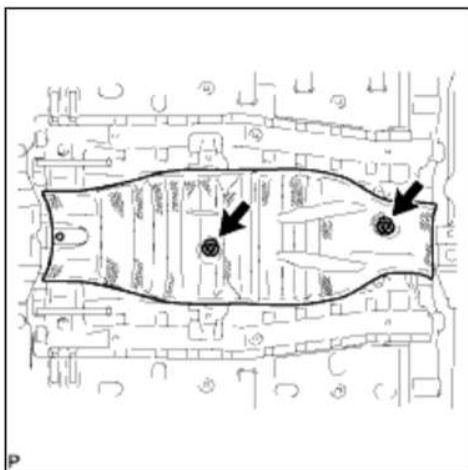
INFO

15. REMOVE CENTER EXHAUST PIPE ASSEMBLY (for 2AZ-FE)

INFO

16. REMOVE FRONT NO. 1 FLOOR HEAT INSULATOR

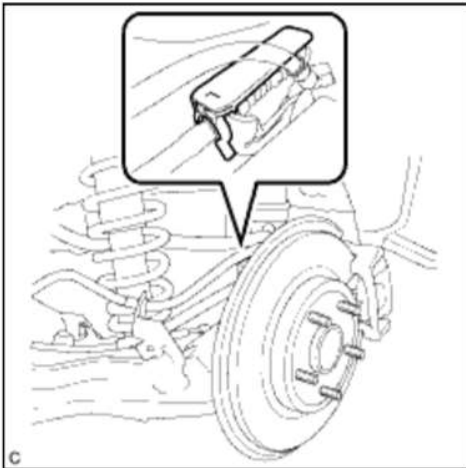
(a) Remove the 3 nuts and front No. 1 floor heat insulator.

17. REMOVE FRONT NO. 2 FLOOR HEAT INSULATOR

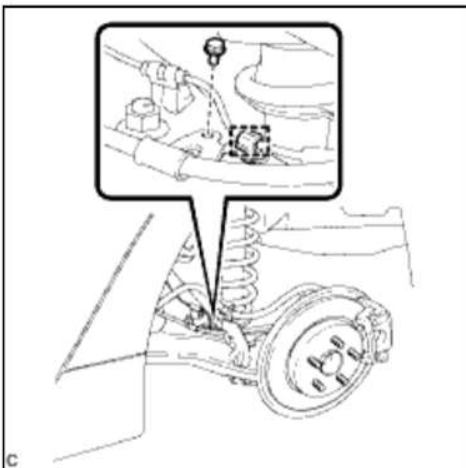
(a) Remove the 2 nuts and front No. 2 floor heat insulator.

18. REMOVE PARKING BRAKE LEVER PROTECTOR

(a) Remove the parking brake lever protector from the No. 3 parking brake cable assembly.



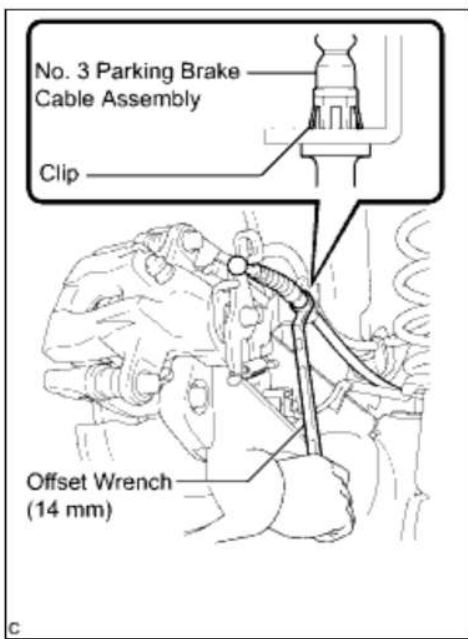
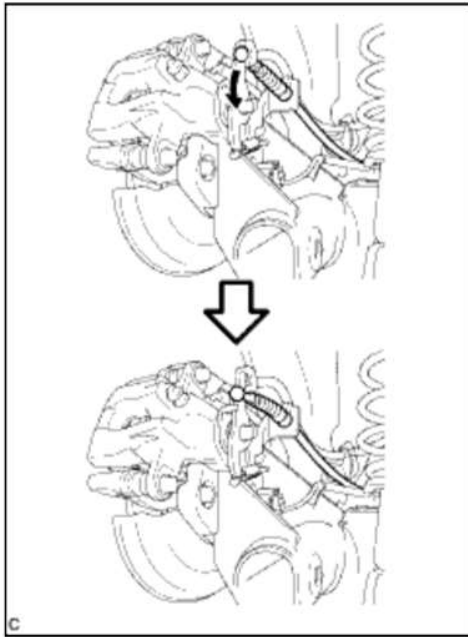
19. REMOVE NO. 3 PARKING BRAKE CABLE ASSEMBLY



(a) Disengage the clamp from the No. 3 parking brake cable assembly.

(b) Remove the bolt.

(c) Separate the No. 3 parking brake cable assembly from the rear disc brake cylinder assembly.

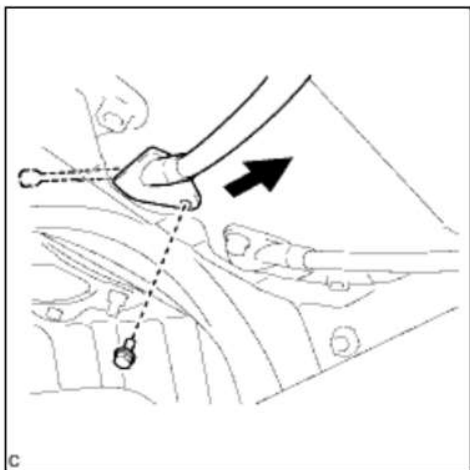


(d) Remove the No. 3 parking brake cable assembly.

HINT:

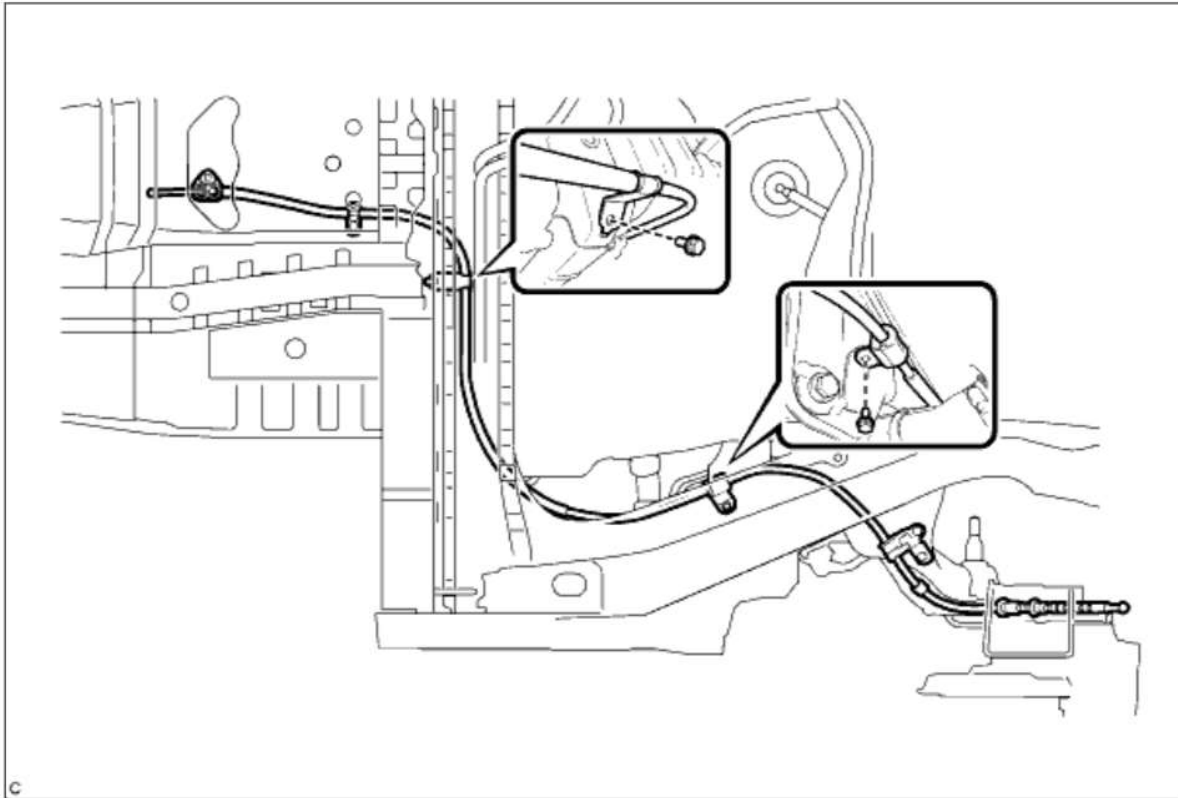
Insert an offset wrench (14 mm) at the base of the No. 3 parking brake cable assembly as shown in the illustration to disengage the clip. Pull out the No. 3 parking brake cable assembly from the rear disc brake cylinder assembly.

(e) Separate the No. 3 parking brake cable clamp.

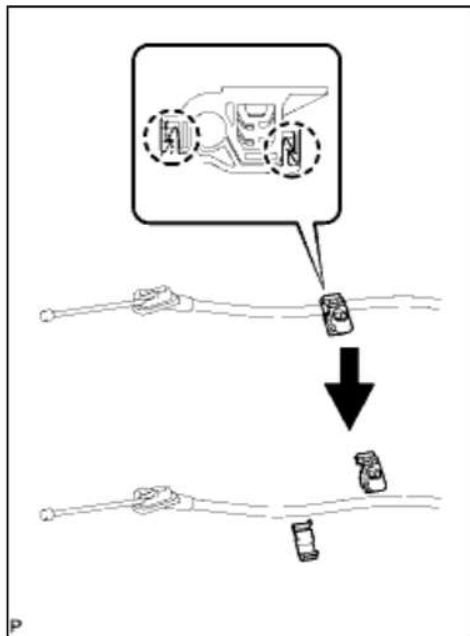


(f) Remove the bolt and pull out the No. 3 parking brake cable assembly to the outside of the body.

(g) Remove the 2 bolts and the No. 3 parking brake cable assembly.



20. REMOVE NO. 3 PARKING BRAKE CABLE CLAMP

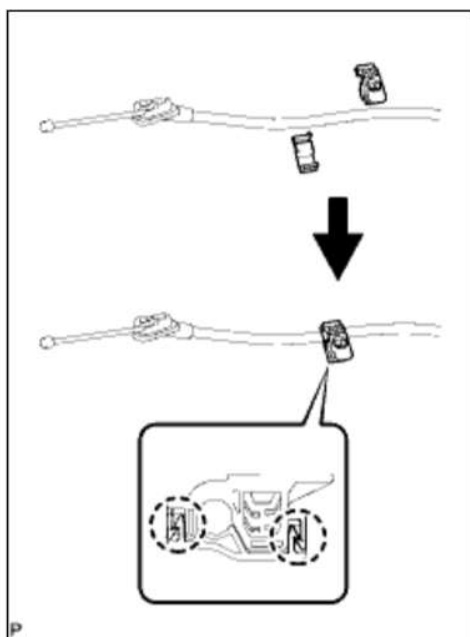


(a) Disengage the 2 claws to remove the No. 3 parking brake cable clamp from the No. 3 parking brake cable assembly.

Last Modified: 3-10-2010	6.4 A	From: 200901
Model Year: 2010	Model: Corolla	Doc ID: RM000002X6201BX
Title: PARKING BRAKE: PARKING BRAKE CABLE (for Rear Disc Brake): INSTALLATION (2010 Corolla)		

INSTALLATION

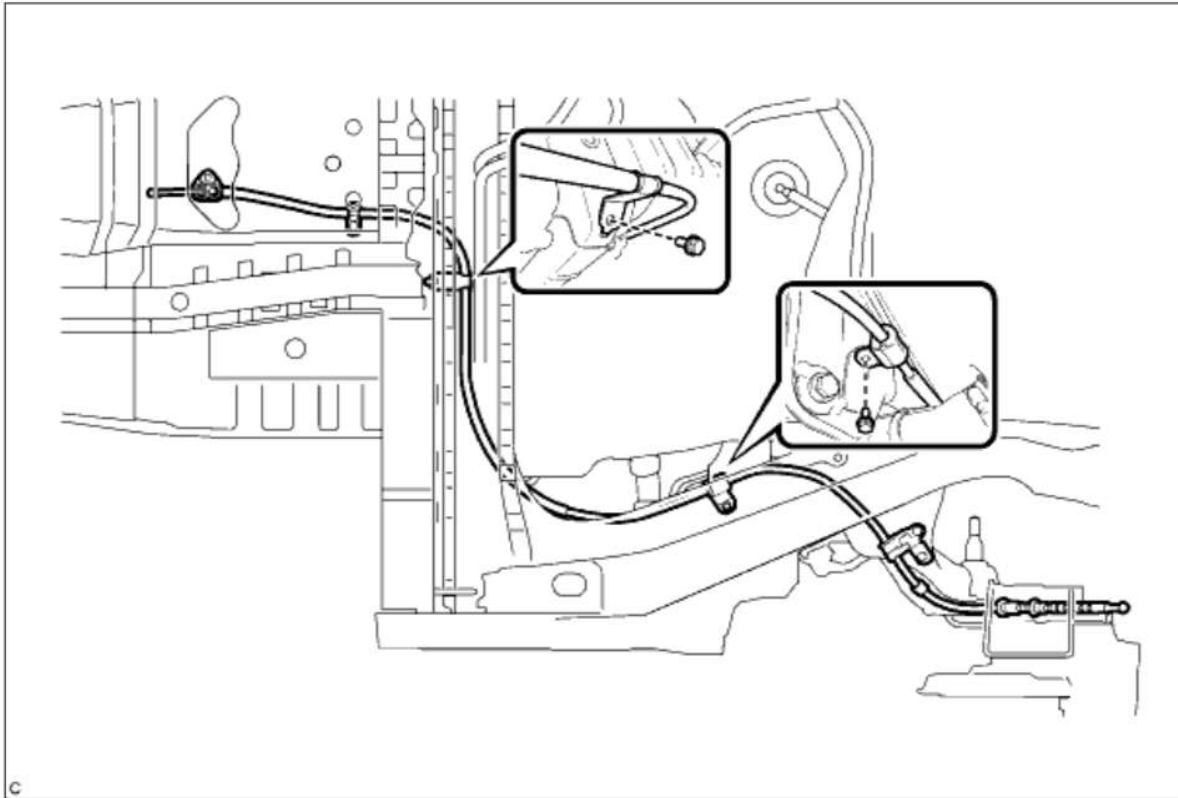
1. INSTALL NO. 3 PARKING BRAKE CABLE CLAMP



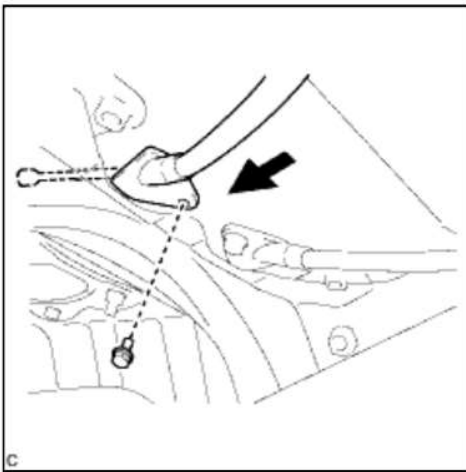
(a) Engage the 2 claws together to install a new No. 3 parking brake cable clamp to the No. 3 parking brake cable assembly.

2. INSTALL NO. 3 PARKING BRAKE CABLE ASSEMBLY

(a) Install the No. 3 parking brake cable assembly with the 2 bolts.



Torque: 6.0 N·m (61 kgf·cm, 53in·lbf)

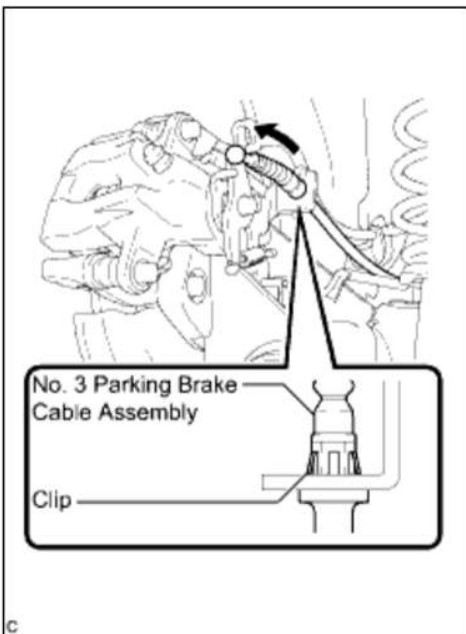
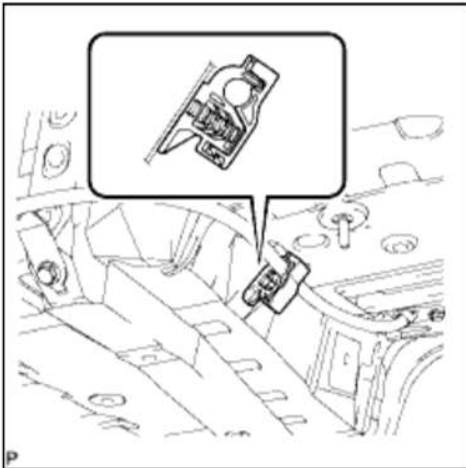


(b) Insert the No. 3 parking brake cable assembly into the body.

(c) Install the bolt.

Torque: 6.0 N·m (61 kgf·cm, 53in·lbf)

(d) Install the No. 3 parking brake cable clamp.

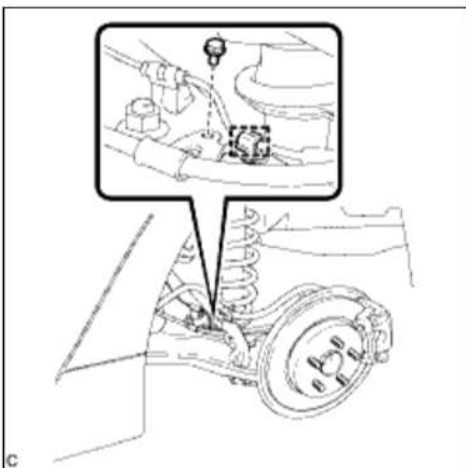
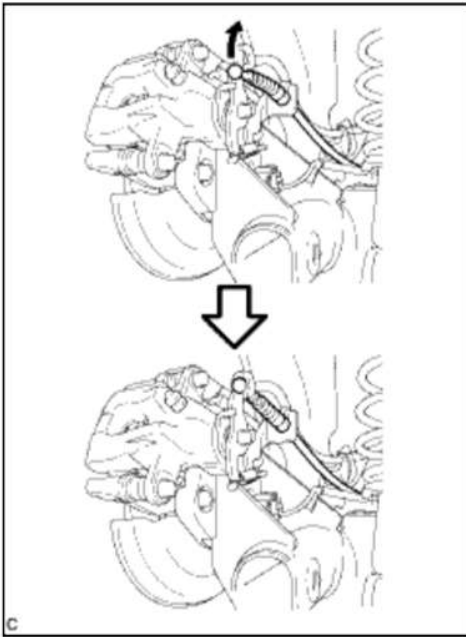


(e) Install the No. 3 parking brake cable assembly to the rear disc brake cylinder assembly LH.

HINT:

Be sure to engage the No. 3 parking brake cable assembly clip onto the rear disc brake cylinder assembly LH as shown in the illustration.

(f) Connect the No. 3 parking brake cable assembly to the rear disc brake cylinder assembly LH.



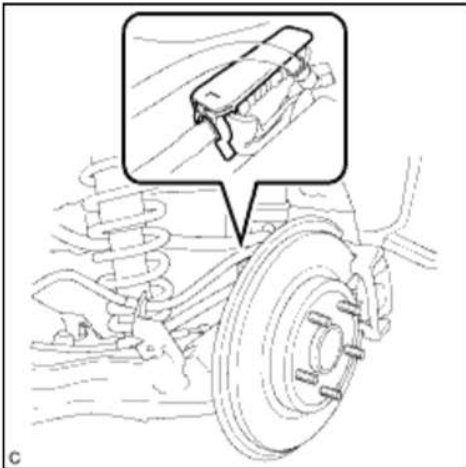
(g) Install the bolt.

Torque: 6.0 N·m (61 kgf·cm, 53in·lbf)

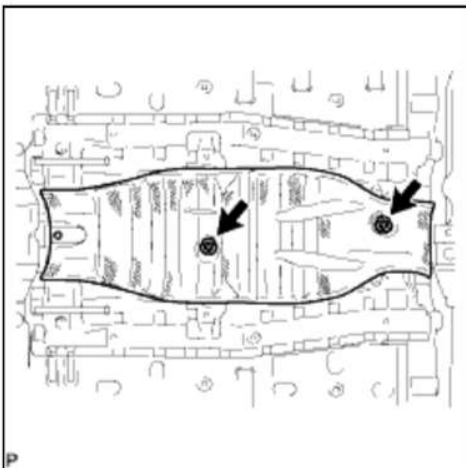
(h) Engage the clamp to the No. 3 parking brake cable assembly.

3. INSTALL PARKING BRAKE LEVER PROTECTOR

(a) Install the parking brake lever protector to the No. 3 parking brake cable assembly.



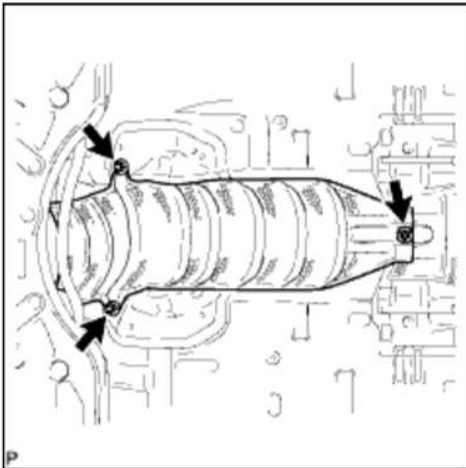
4. INSTALL FRONT NO. 2 FLOOR HEAT INSULATOR



- (a) Install the front No. 2 floor heat insulator with the 2 nuts.
Torque: 5.5 N·m (56 kgf·cm, 49in·lbf)

5. INSTALL FRONT NO. 1 FLOOR HEAT INSULATOR

- (a) Install the front No. 1 floor heat insulator with the 3 nuts.
Torque: 5.5 N·m (56 kgf·cm, 49in·lbf)



6. INSTALL FRONT EXHAUST PIPE ASSEMBLY (for 2ZR-FE) [INFO](#)

7. INSTALL CENTER EXHAUST PIPE ASSEMBLY (for 2AZ-FE) [INFO](#)

8. INSTALL NO. 1 PARKING BRAKE CABLE ASSEMBLY [INFO](#)

9. INSTALL PARKING BRAKE CABLE END STOPPER [INFO](#)

10. INSTALL PARKING BRAKE EQUALIZER [INFO](#)

11. INSTALL PARKING BRAKE LEVER ASSEMBLY [INFO](#)

12. CONNECT PARKING BRAKE EQUALIZER [INFO](#)

13. INSTALL NO. 3 BELT ANCHOR REINFORCEMENT SUB-ASSEMBLY [INFO](#)

14. INSTALL NO. 2 BELT ANCHOR REINFORCEMENT SUB-ASSEMBLY [INFO](#)

15. ADJUST PARKING BRAKE TRAVEL [INFO](#)

16. INSTALL CONSOLE BOX ASSEMBLY

HINT:

Refer to the instructions for Installation of the front console box [INFO](#) .

17. INSTALL FRONT SEAT ASSEMBLY LH (for Manual Seat)

HINT:

Refer to the instructions for Installation of the front seat assembly [INFO](#) .

18. INSTALL FRONT SEAT ASSEMBLY LH (for Power Seat)

HINT:

Refer to the instructions for Installation of the front seat assembly [INFO](#) .

19. INSTALL FRONT SEAT ASSEMBLY RH

HINT:

Perform the same procedure for the LH side.

20. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL (w/ Front Seat Side Airbag)

21. INSPECT SRS WARNING LIGHT (w/ Front Seat Side Airbag)

HINT:  .

22. INSPECT FOR EXHAUST GAS LEAK

23. INSTALL REAR WHEELS

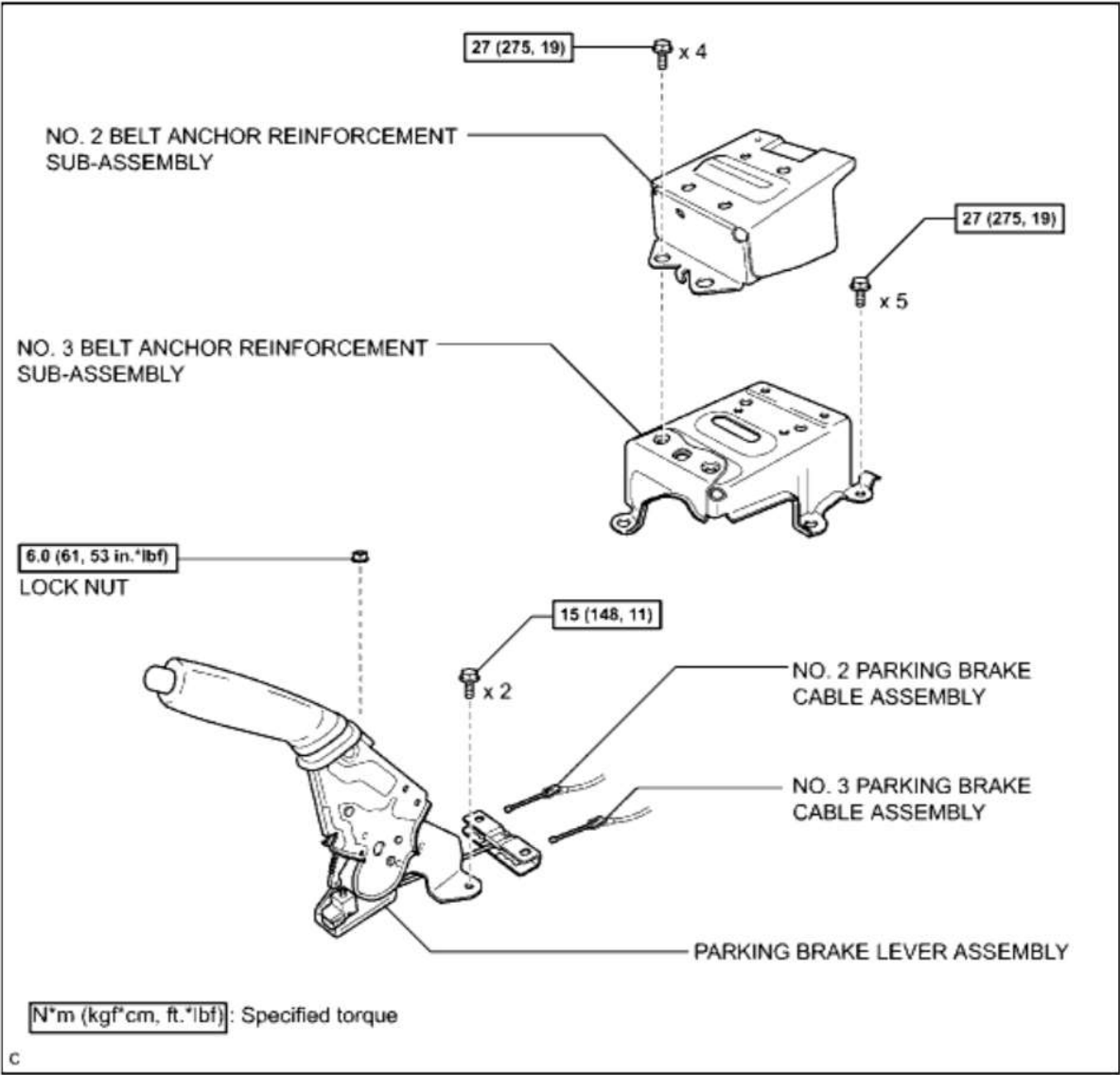
Torque: 103 N·m (1050 kgf·cm, 76ft·lbf)



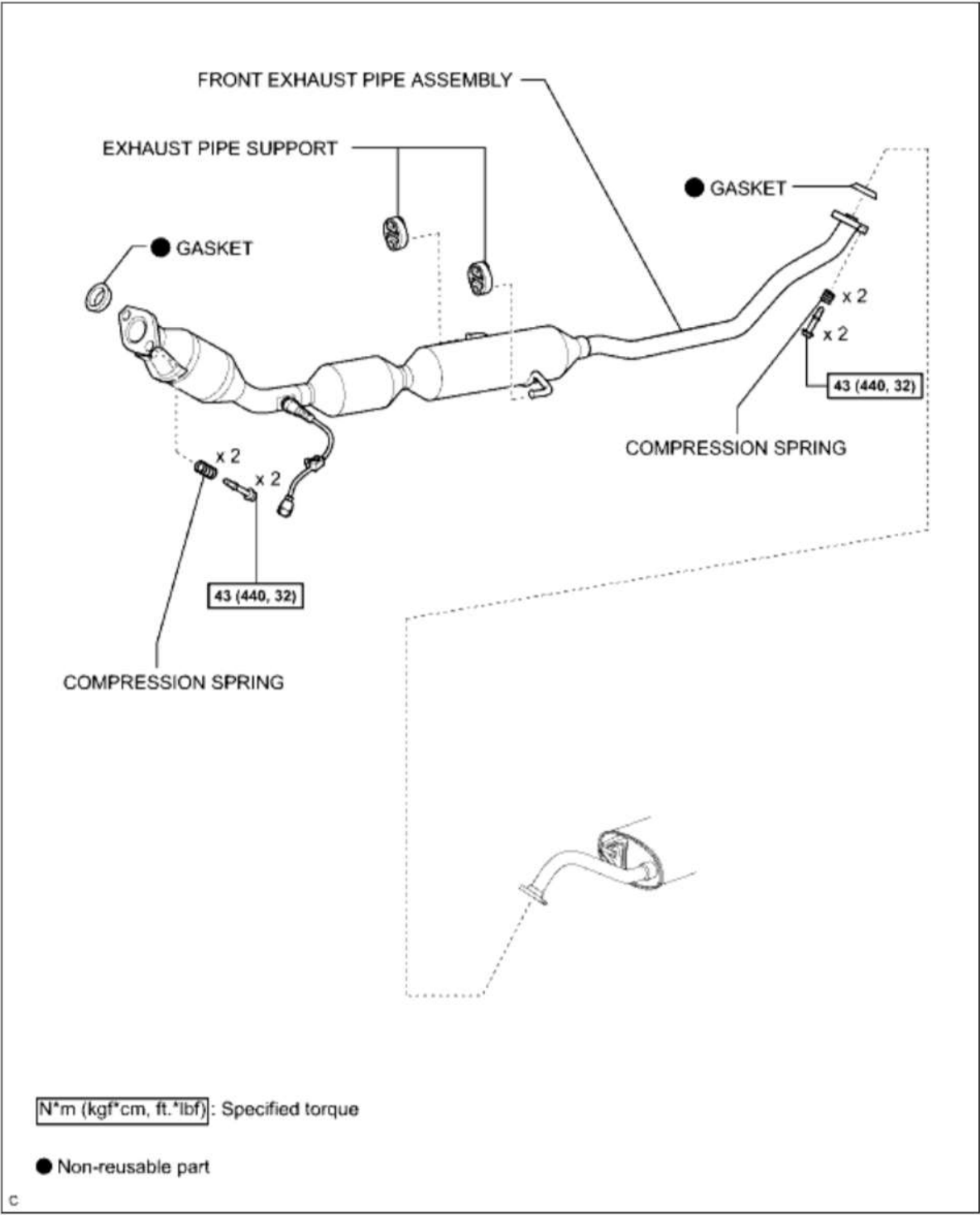
Last Modified: 3-10-2010	6.4 K	From: 200901
Model Year: 2010	Model: Corolla	Doc ID: RM000002X64017X
Title: PARKING BRAKE: PARKING BRAKE CABLE (for Rear Drum Brake): COMPONENTS (2010 Corolla)		

COMPONENTS

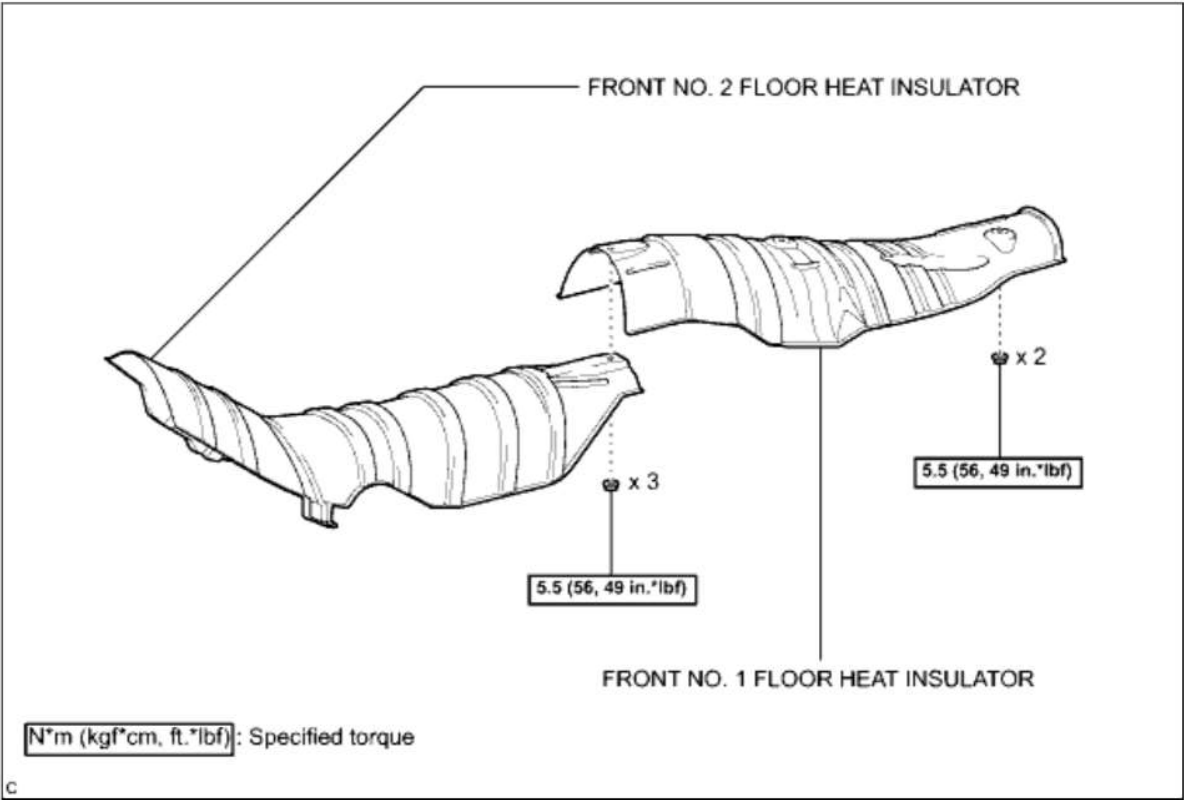
ILLUSTRATION



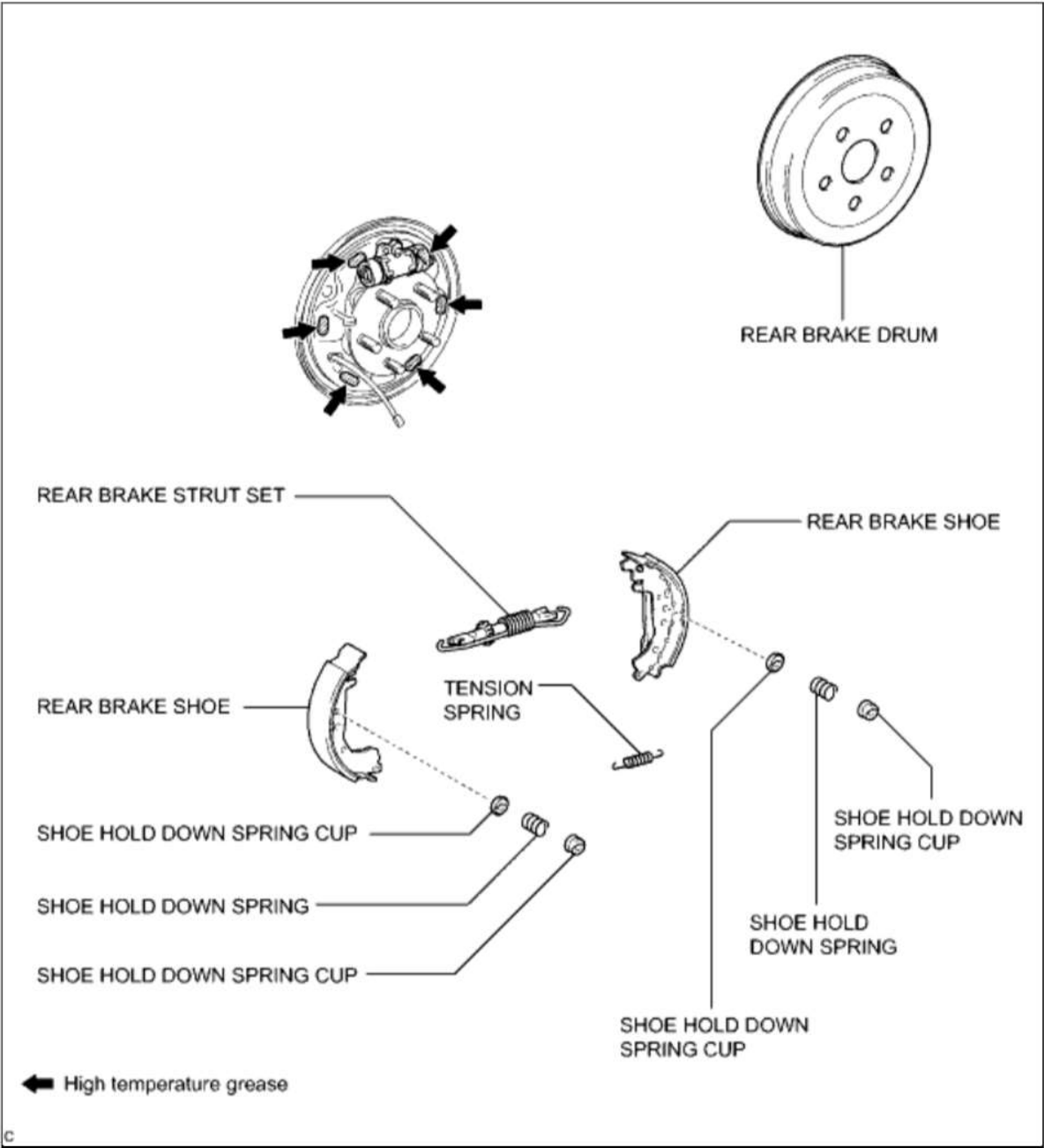
ILLUSTRATION



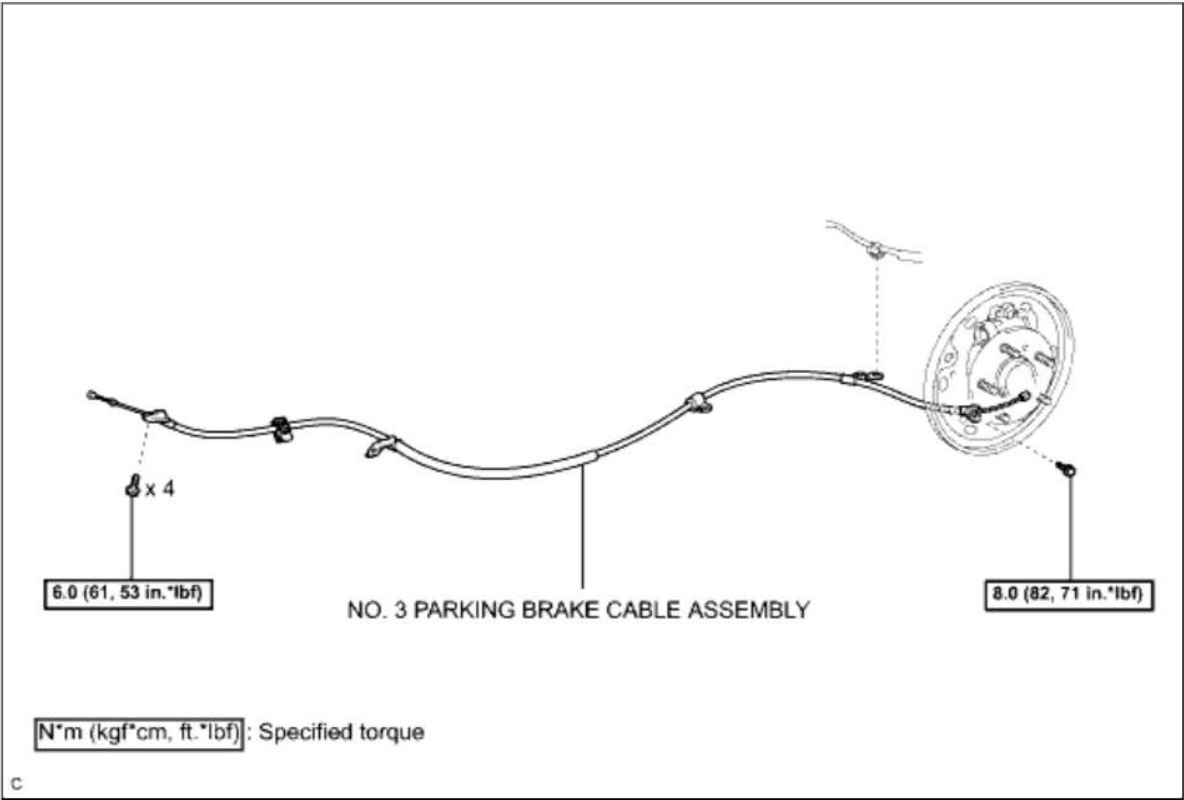
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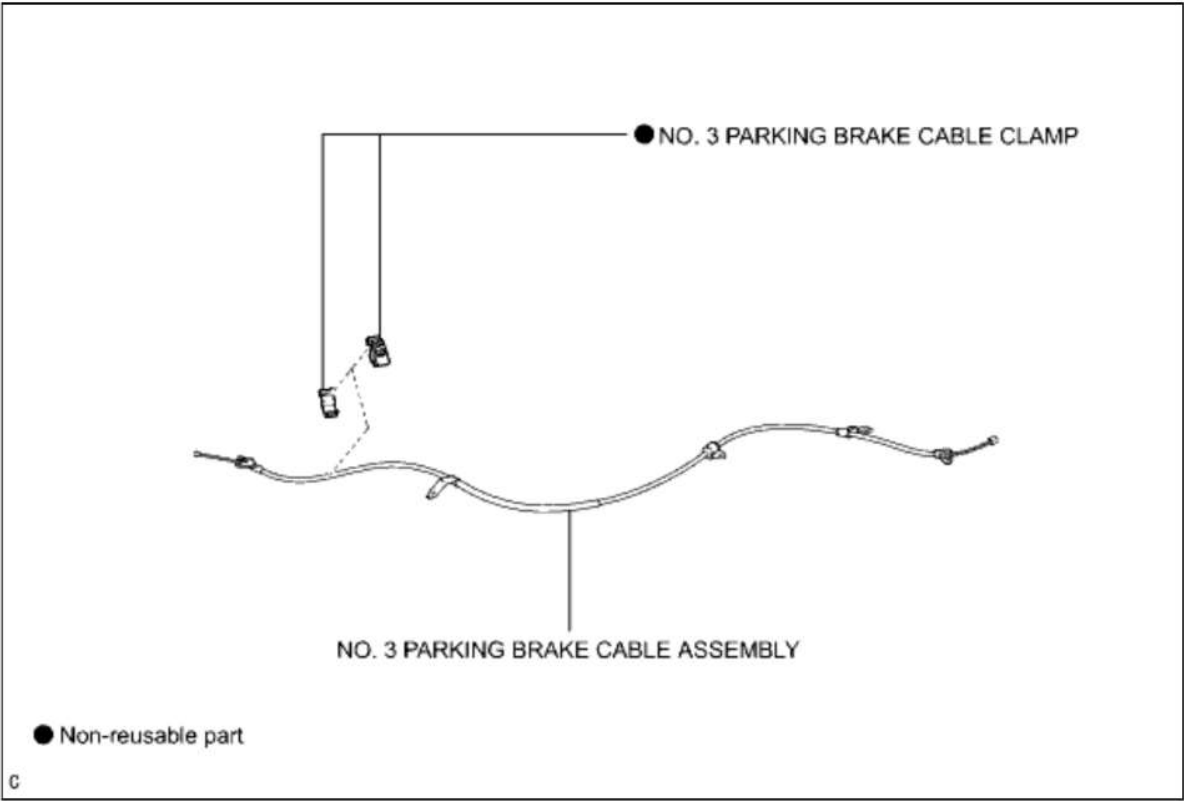
ILLUSTRATION



ILLUSTRATION



ILLUSTRATION



Last Modified: 3-10-2010	6.4 A	From: 200901
Model Year: 2010	Model: Corolla	Doc ID: RM000002X6301CX
Title: PARKING BRAKE: PARKING BRAKE CABLE (for Rear Drum Brake): REMOVAL (2010 Corolla)		

REMOVAL

CAUTION:

Some of these service operations affect the SRS airbag system. Read the precautionary notices concerning the SRS airbag system before servicing .

HINT:

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

1. DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL (w/ Front Seat Side Airbag)

CAUTION:

Wait at least 90 seconds after disconnecting the cable from the negative (-) battery terminal to disable the SRS system.

2. REMOVE REAR WHEELS

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

HINT:

Refer to the instructions for Removal of the front seat assembly .

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

HINT:

Refer to the instructions for Removal of the front seat assembly .

5. REMOVE FRONT SEAT ASSEMBLY RH

HINT:

Perform the same procedure for the LH side.

6. REMOVE CONSOLE BOX ASSEMBLY

HINT:

Refer to the instructions for Removal of the front console box .

7. REMOVE NO. 2 BELT ANCHOR REINFORCEMENT SUB-ASSEMBLY

8. REMOVE NO. 3 BELT ANCHOR REINFORCEMENT SUB-ASSEMBLY

9. SEPARATE PARKING BRAKE EQUALIZER

10. REMOVE PARKING BRAKE LEVER ASSEMBLY

11. REMOVE PARKING BRAKE EQUALIZER

12. REMOVE PARKING BRAKE CABLE END STOPPER

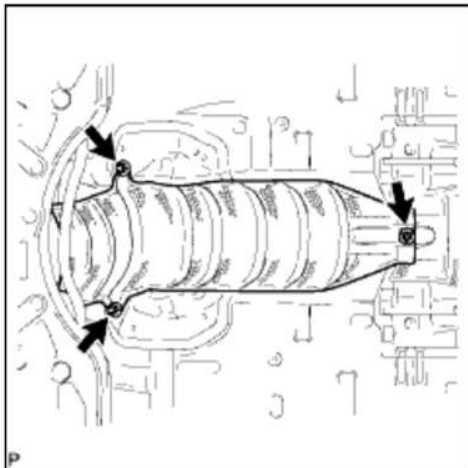
INFO

13. REMOVE NO. 1 PARKING BRAKE CABLE ASSEMBLY

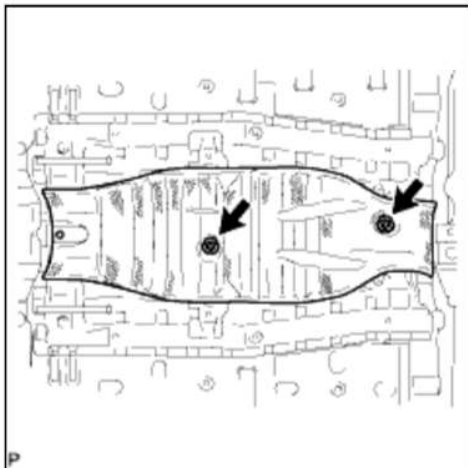
INFO

14. REMOVE FRONT EXHAUST PIPE ASSEMBLY

INFO

15. REMOVE FRONT NO. 1 FLOOR HEAT INSULATOR

(a) Remove the 3 nuts and front No. 1 floor heat insulator.

16. REMOVE FRONT NO. 2 FLOOR HEAT INSULATOR

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

17. REMOVE REAR BRAKE DRUM

INFO

18. REMOVE REAR BRAKE SHOE (for Front Side)

INFO

19. REMOVE REAR BRAKE STRUT SET

INFO

20. REMOVE REAR BRAKE SHOE (for Rear Side)

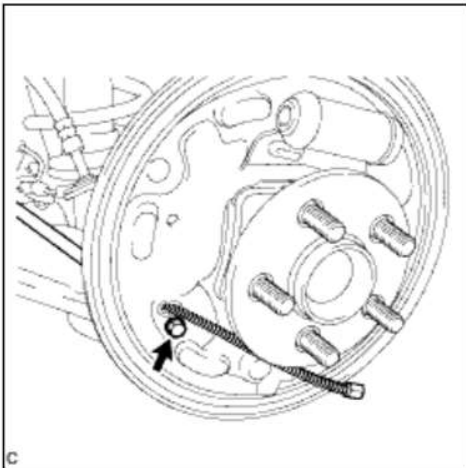
INFO

21. REMOVE NO. 3 PARKING BRAKE CABLE ASSEMBLY

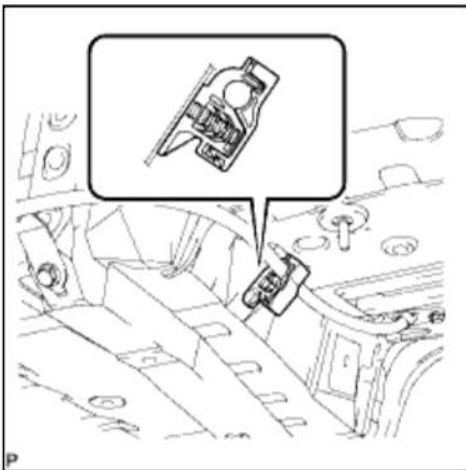


(a) Disengage the clamp from the No. 3 parking brake cable assembly.

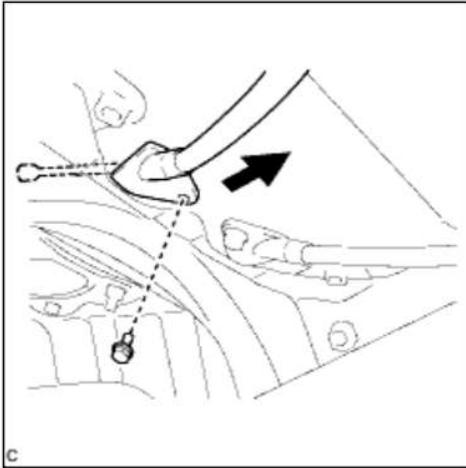
(b) Remove the bolt.



(c) Remove the bolt and separate the No. 3 parking brake cable assembly from the backing plate.

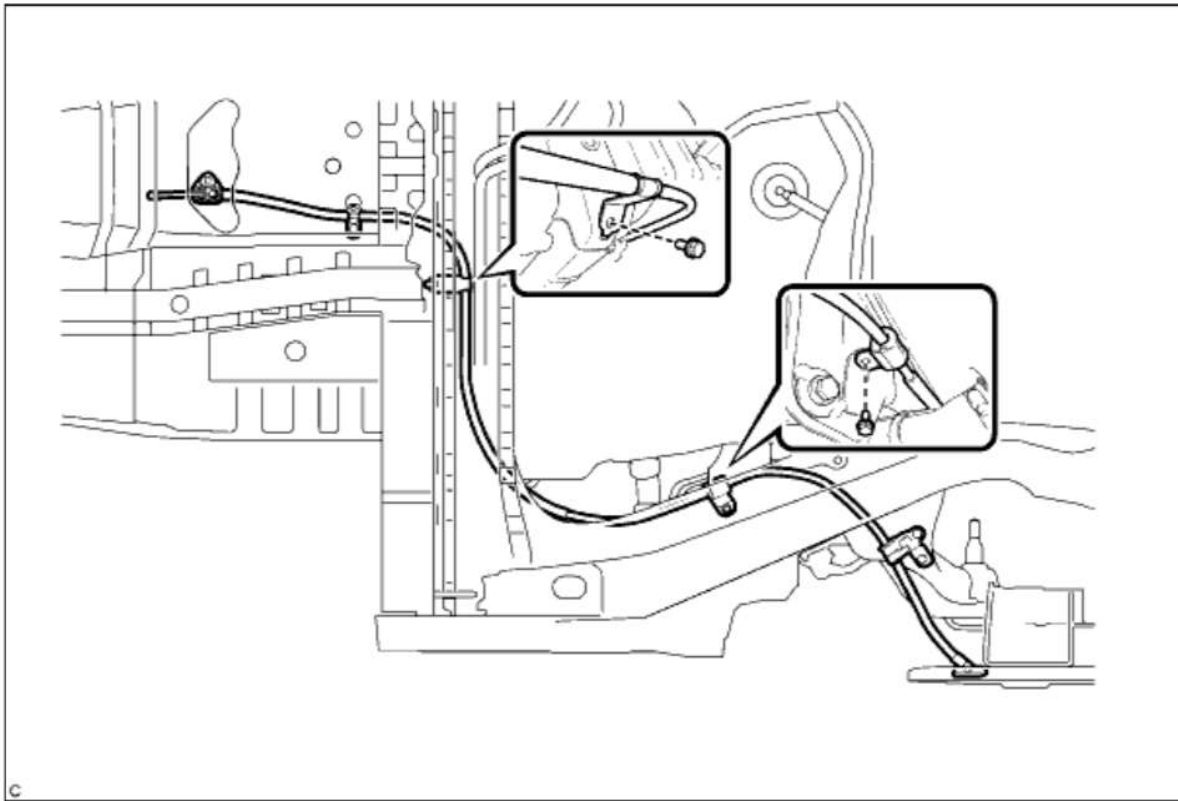


(d) Separate the No. 3 parking brake cable clamp.



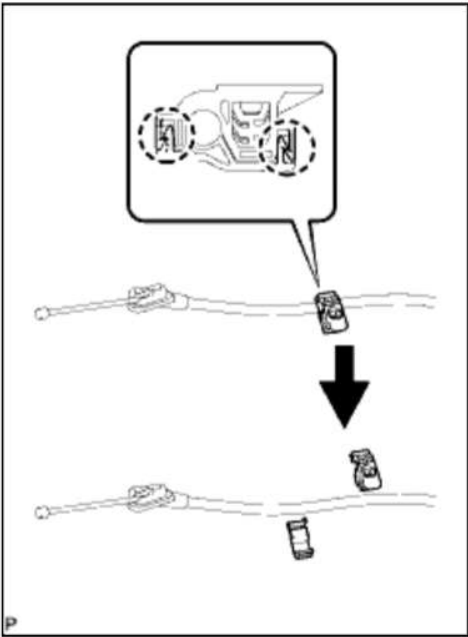
(e) Remove the bolt and pull out the No. 3 parking brake cable assembly to the outside of the body.

(f) Remove the 2 bolts and the No. 3 parking brake cable assembly.



22. REMOVE NO. 3 PARKING BRAKE CABLE CLAMP

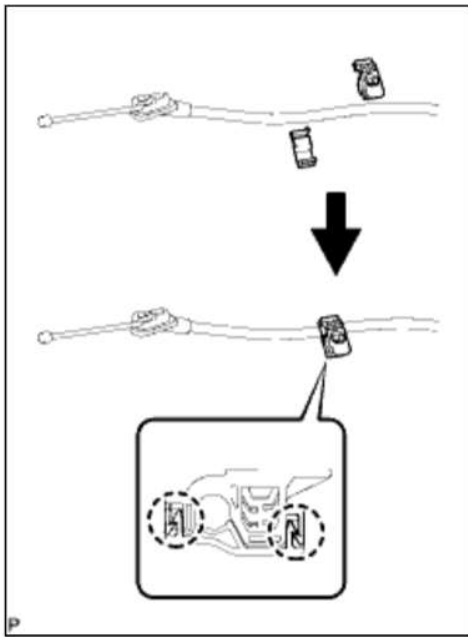
(a) Disengage the 2 claws to remove the No. 3 parking brake cable clamp from the No. 3 parking brake cable assembly.



Last Modified: 3-10-2010	6.4 A	From: 200901
Model Year: 2010	Model: Corolla	Doc ID: RM000002X6201CX
Title: PARKING BRAKE: PARKING BRAKE CABLE (for Rear Drum Brake): INSTALLATION (2010 Corolla)		

INSTALLATION

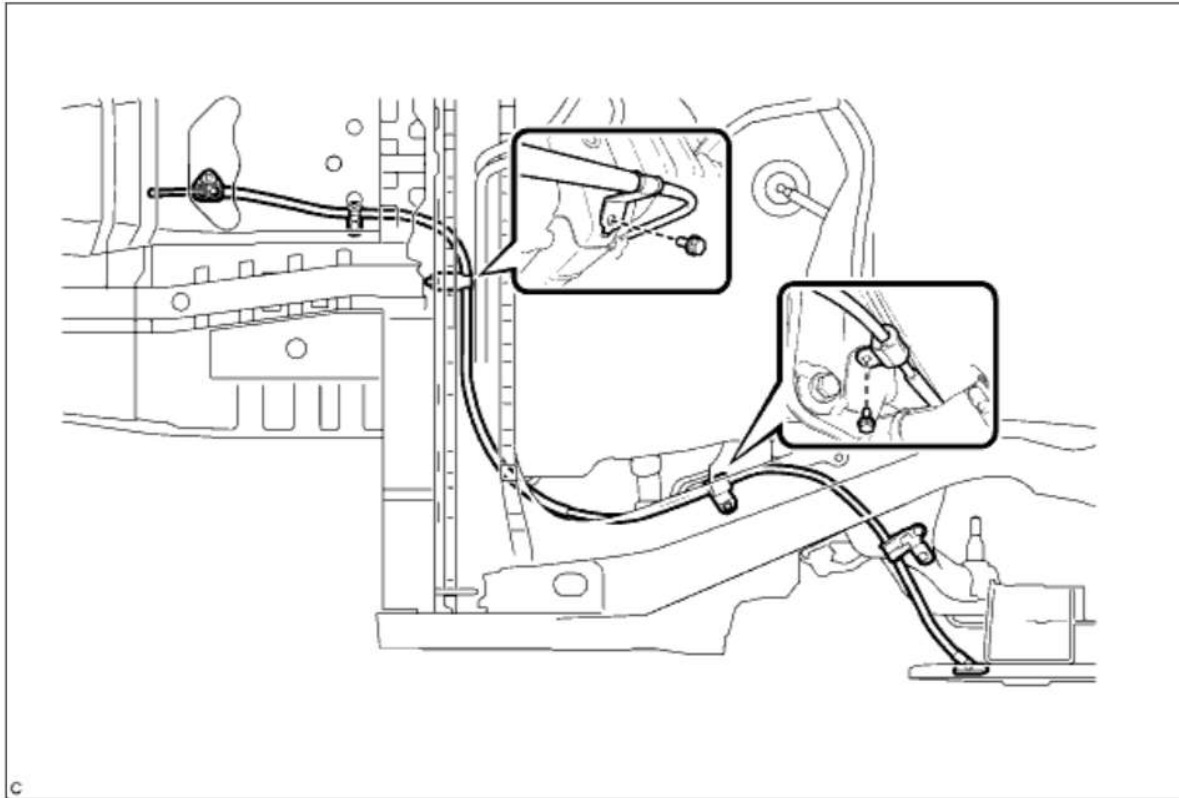
1. INSTALL NO. 3 PARKING BRAKE CABLE CLAMP



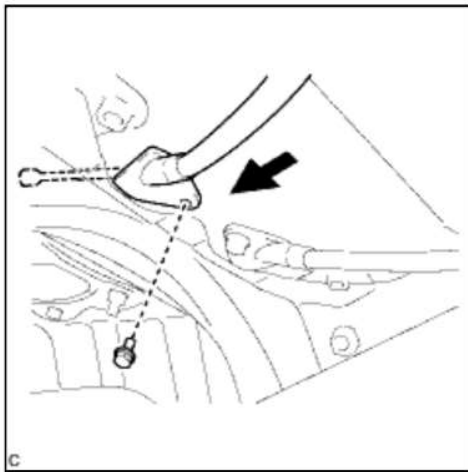
(a) Engage the 2 claws together to install a new No. 3 parking brake cable clamp to the No. 3 parking brake cable assembly.

2. INSTALL NO. 3 PARKING BRAKE CABLE ASSEMBLY

(a) Install the No. 3 parking brake cable assembly with the 2 bolts.



Torque: 6.0 N·m (61 kgf·cm, 53in·lbf)



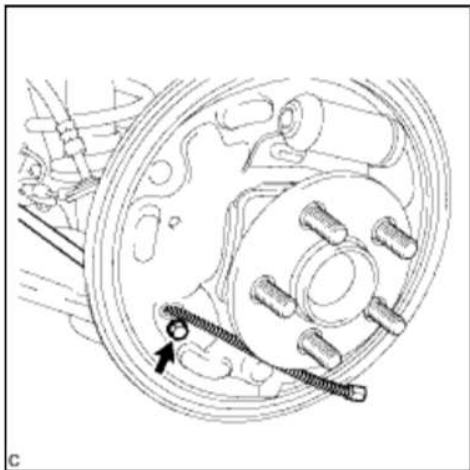
(b) Insert the No. 3 parking brake cable assembly into the body.

(c) Install the bolt.

Torque: 6.0 N·m (61 kgf·cm, 53in·lbf)

(d) Install the No. 3 parking brake cable assembly to the backing plate with the bolt.

Torque: 8.0 N·m (82 kgf·cm, 71in·lbf)



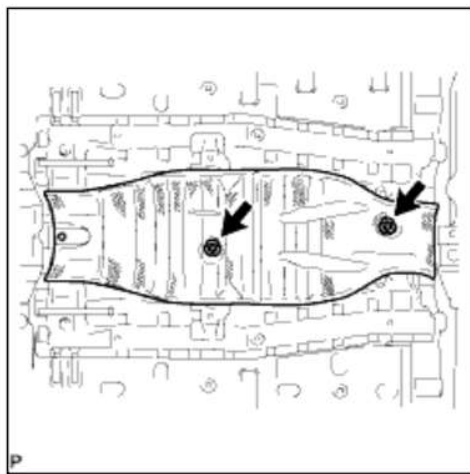
(e) Install the bolt.

Torque: 6.0 N·m (61 kgf·cm, 53in·lbf)

(f) Engage the clamp to the No. 3 parking brake cable assembly.

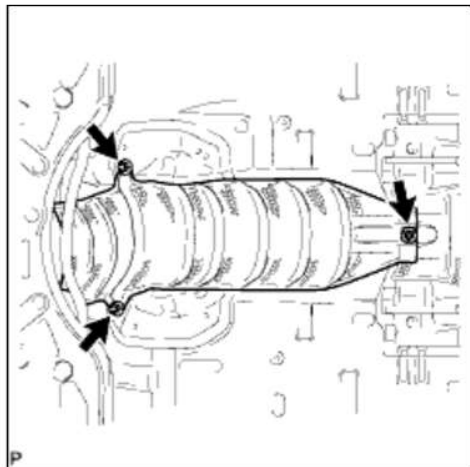


(g) Install the No. 3 parking brake cable clamp.

3. INSTALL REAR BRAKE SHOE (for Rear Side) INFO**4. INSTALL REAR BRAKE STRUT SET** INFO**5. INSTALL REAR BRAKE SHOE (for Front Side)** INFO**6. INSPECT REAR DRUM BRAKE** INFO**7. INSTALL REAR BRAKE DRUM** INFO**8. INSTALL FRONT NO. 2 FLOOR HEAT INSULATOR**

(a) Install the front No. 2 floor heat insulator with the 2 nuts.

Torque: 5.5 N·m (56 kgf·cm, 49in·lbf)

9. INSTALL FRONT NO. 1 FLOOR HEAT INSULATOR

(a) Install the front No. 1 floor heat insulator with the 3 nuts.

Torque: 5.5 N·m (56 kgf·cm, 49in·lbf)

10. INSTALL FRONT EXHAUST PIPE ASSEMBLY INFO**11. INSTALL NO. 1 PARKING BRAKE CABLE ASSEMBLY** INFO

12. INSTALL PARKING BRAKE CABLE END STOPPER**13. INSTALL PARKING BRAKE EQUALIZER****14. INSTALL PARKING BRAKE LEVER ASSEMBLY****15. CONNECT PARKING BRAKE EQUALIZER****16. INSTALL NO. 3 BELT ANCHOR REINFORCEMENT SUB-ASSEMBLY****17. INSTALL NO. 2 BELT ANCHOR REINFORCEMENT SUB-ASSEMBLY****18. ADJUST REAR DRUM BRAKE SHOE CLEARANCE****19. ADJUST PARKING BRAKE TRAVEL****20. INSTALL CONSOLE BOX ASSEMBLY****HINT:**

Refer to the instructions for Installation of the front console box

**21. INSTALL FRONT SEAT ASSEMBLY LH (for Manual Seat)****HINT:**

Refer to the instructions for Installation of the front seat assembly

**22. INSTALL FRONT SEAT ASSEMBLY LH (for Power Seat)****HINT:**

Refer to the instructions for Installation of the front seat assembly

**23. INSTALL FRONT SEAT ASSEMBLY RH****HINT:**

Perform the same procedure for the LH side.

24. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL (w/ Front Seat Side Airbag)**25. INSPECT SRS WARNING LIGHT (w/ Front Seat Side Airbag)****HINT:****26. INSPECT FOR EXHAUST GAS LEAK****27. INSTALL REAR WHEELS**

Torque: 103 N·m (1050 kgf·cm, 76ft·lbf)



TOYOTA

Last Modified: 3-10-2010	6.4 A	From: 200901
Model Year: 2010	Model: Corolla	Doc ID: RM000002VHK00QX
Title: PARKING BRAKE: PARKING BRAKE LEVER: REMOVAL (2010 Corolla)		

REMOVAL

CAUTION:

Some of these service operations affect the SRS airbag system. Read the precautionary notices concerning the SRS airbag system before servicing .

1. DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL (w/ Front Seat Side Airbag)

CAUTION:

Wait at least 90 seconds after disconnecting the cable from the negative (-) battery terminal to disable the SRS system.

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

HINT:

Refer to the instructions for Removal of the front seat assembly .

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

HINT:

Refer to the instructions for Removal of the front seat assembly .

4. REMOVE FRONT SEAT ASSEMBLY RH

HINT:

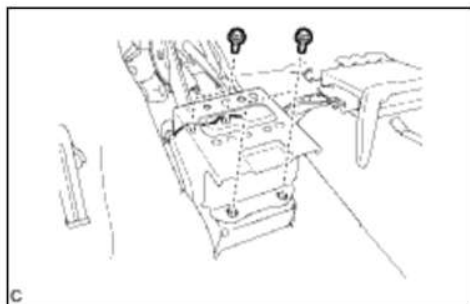
Perform the same procedure for the LH side.

5. REMOVE CONSOLE BOX ASSEMBLY

HINT:

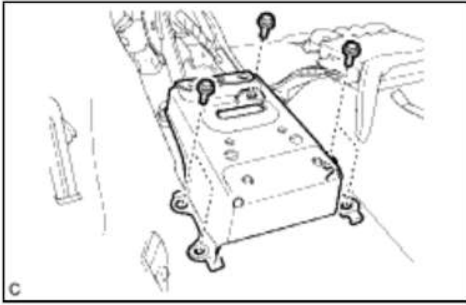
Refer to the instructions for Removal of the front console box .

6. REMOVE NO. 2 BELT ANCHOR REINFORCEMENT SUB-ASSEMBLY



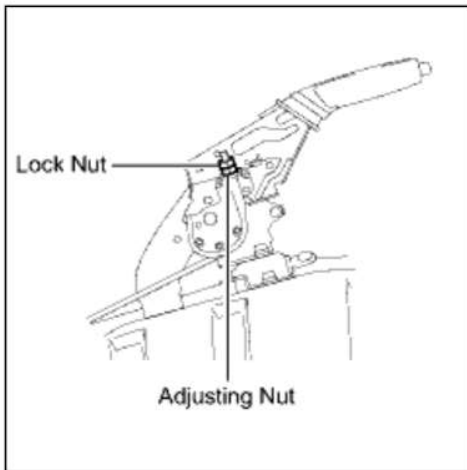
(a) Remove the 4 bolts and No. 2 belt anchor reinforcement sub-assembly.

7. REMOVE NO. 3 BELT ANCHOR REINFORCEMENT SUB-ASSEMBLY

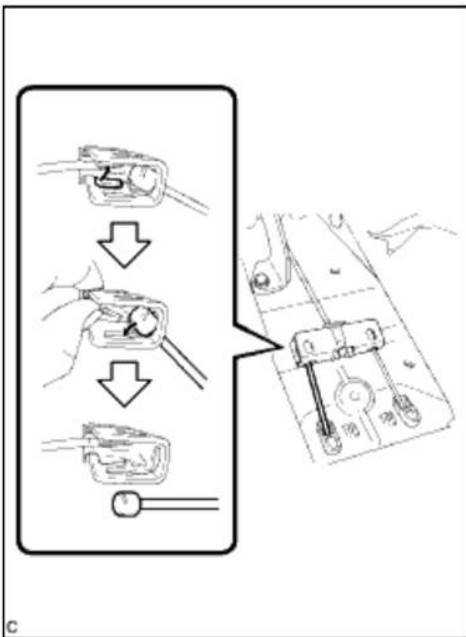


- (a) Turn back the floor carpet, and remove the 5 bolts and No. 3 belt anchor reinforcement sub-assembly.

8. SEPARATE PARKING BRAKE EQUALIZER



- (a) Remove the lock nut and loosen the adjusting nut.



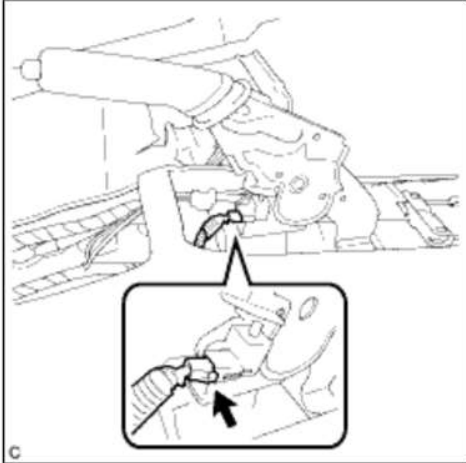
- (b) Separate the parking brake equalizer from the No. 3 parking brake cable assembly as shown in the illustration.

(c) Separate the parking brake equalizer from the No. 2 parking brake cable assembly.

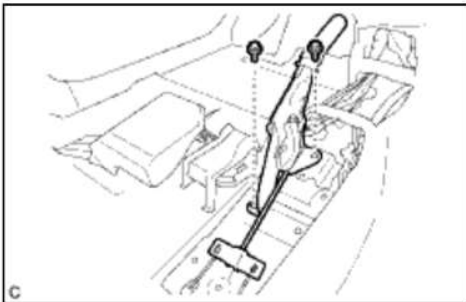
HINT:

Perform the same procedure for the No. 3 parking brake cable assembly.

9. REMOVE PARKING BRAKE LEVER ASSEMBLY



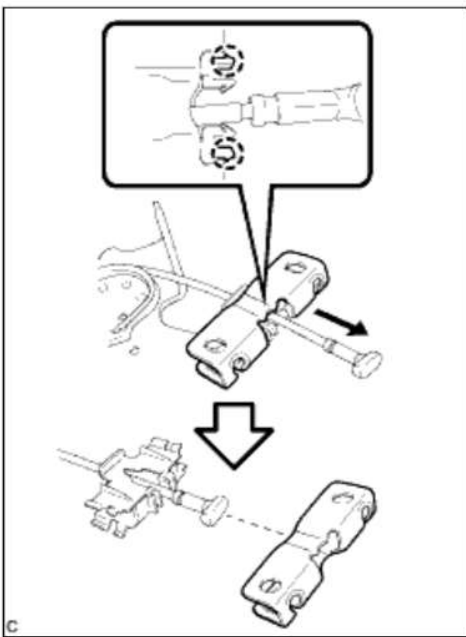
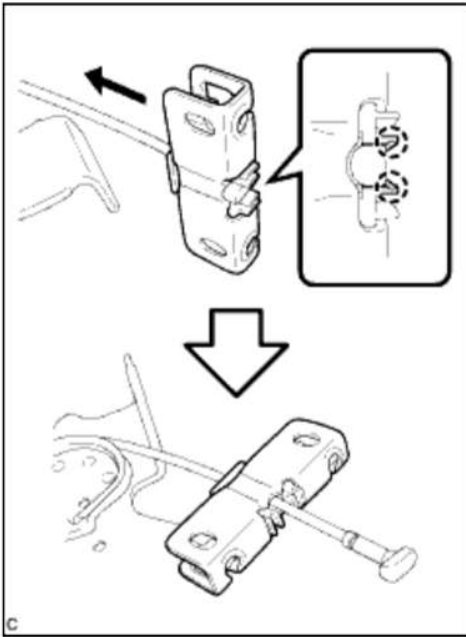
(a) Disconnect the parking brake switch connector.



(b) Remove the 2 bolts and parking brake lever assembly.

10. REMOVE PARKING BRAKE EQUALIZER

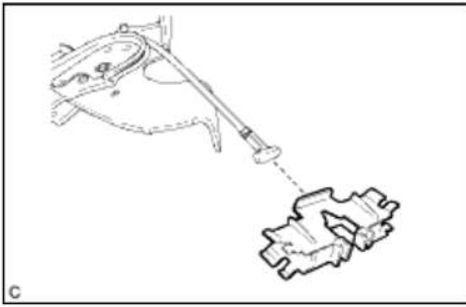
(a) Disengage the 2 claws to separate the parking brake cable end stopper from the No. 1 parking brake cable assembly.



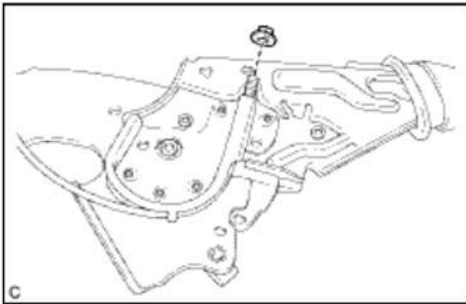
(b) Disengage the 2 claws to remove the parking brake equalizer from the parking brake cable end stopper.

11. REMOVE PARKING BRAKE CABLE END STOPPER

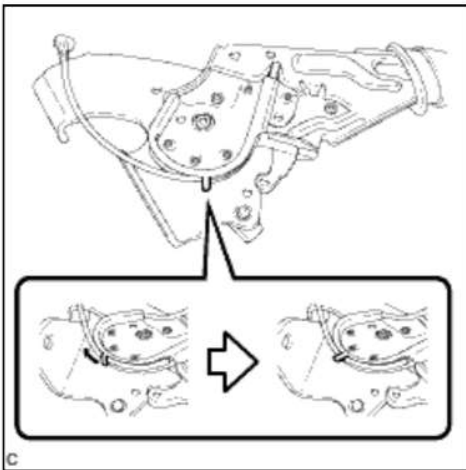
(a) Remove the parking brake cable end stopper from the No. 1 parking brake cable assembly.



12. REMOVE NO. 1 PARKING BRAKE CABLE ASSEMBLY

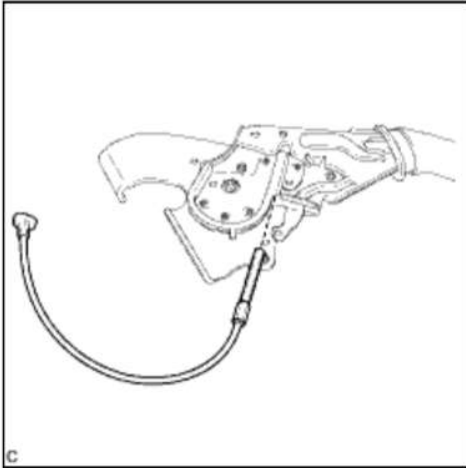


(a) Remove the adjusting nut.

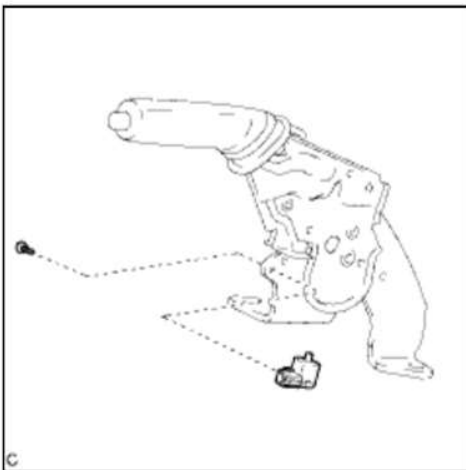


(b) Pull up the parking brake lever claw.

(c) Remove the No. 1 parking brake cable assembly.



13. REMOVE PARKING BRAKE SWITCH ASSEMBLY

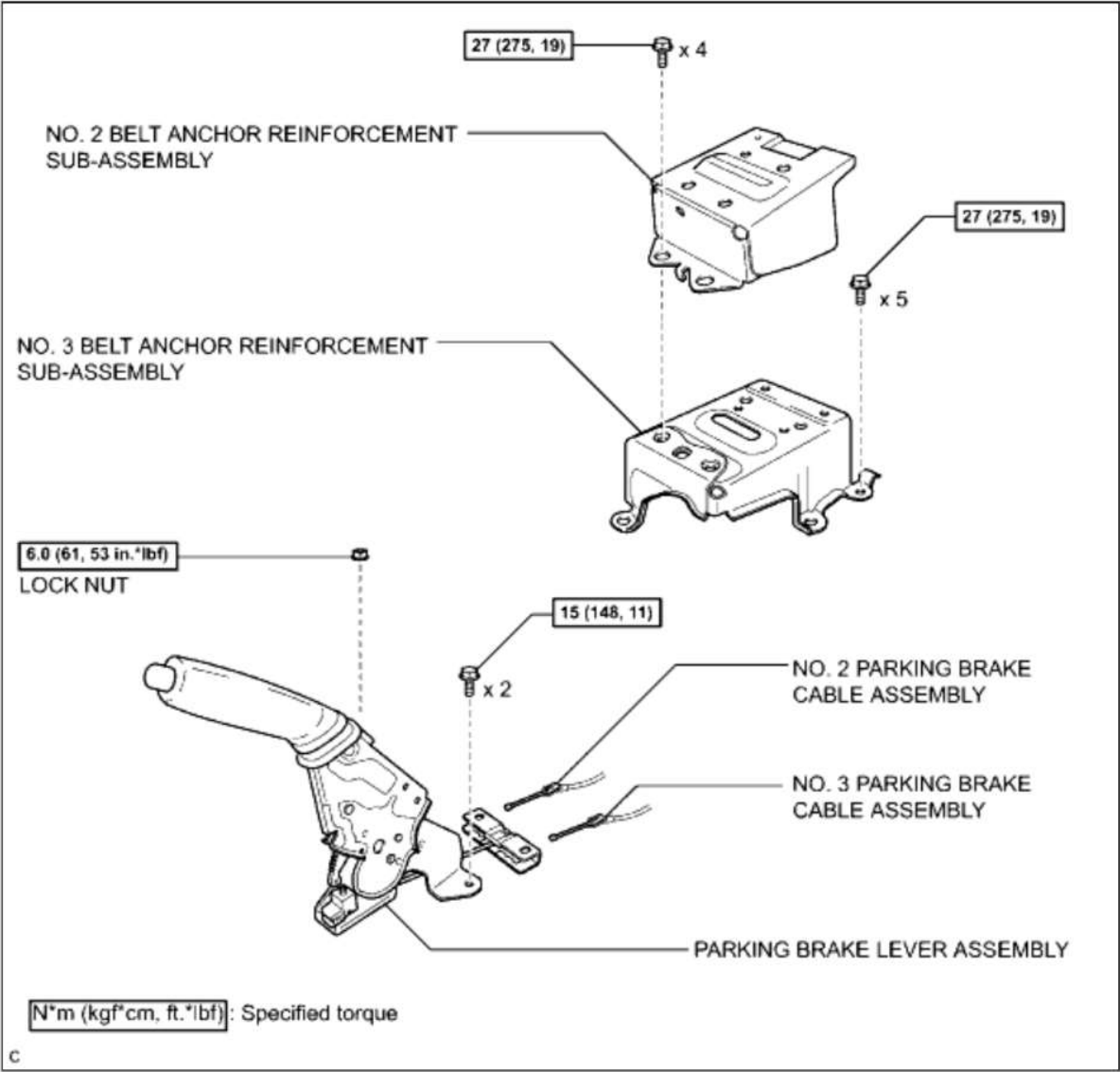


- (a) Remove the screw and parking brake switch assembly from the parking brake lever sub-assembly.

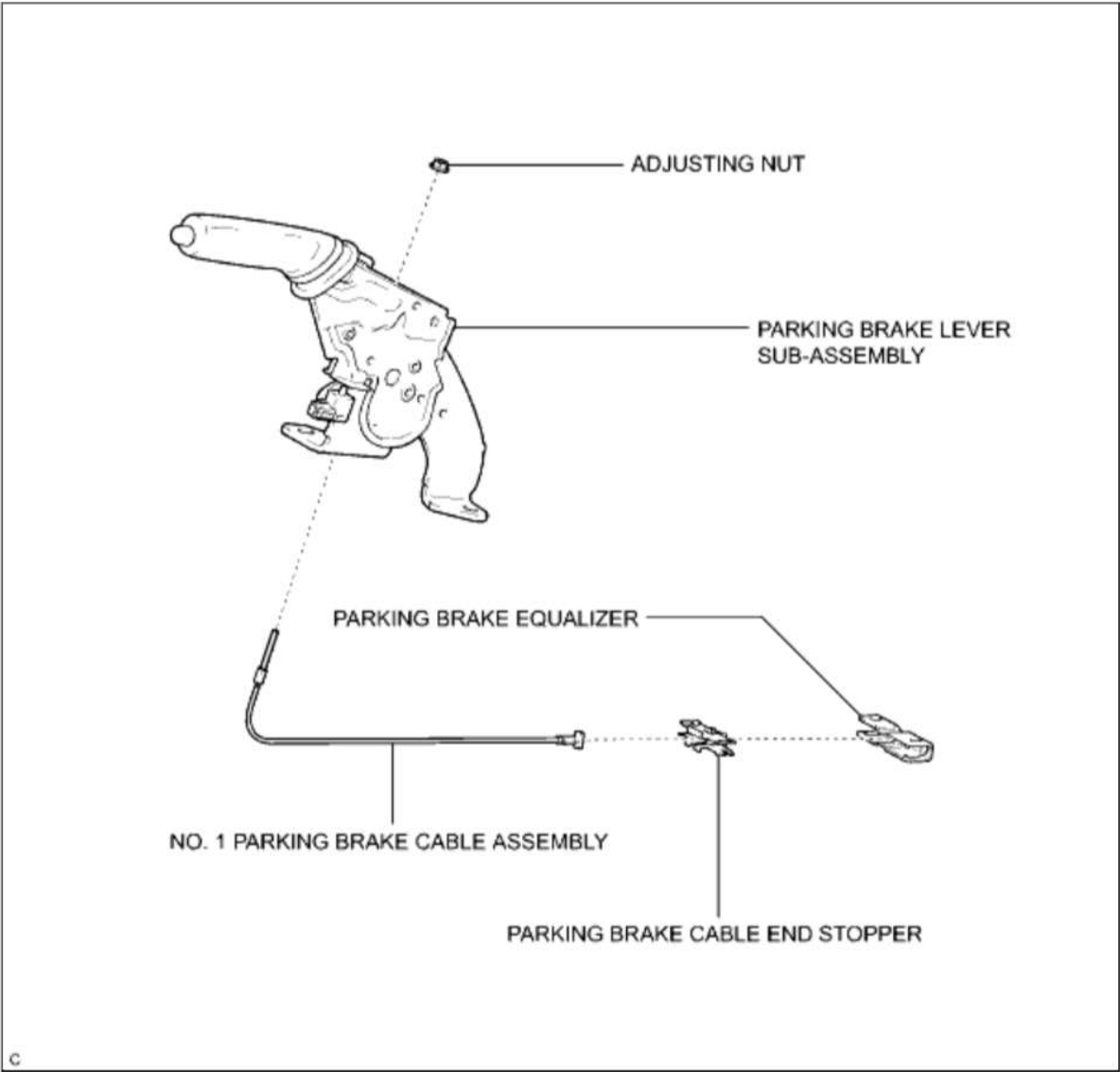
Last Modified: 3-10-2010	6.4 K	From: 200901
Model Year: 2010	Model: Corolla	Doc ID: RM000002VHJ00NX
Title: PARKING BRAKE: PARKING BRAKE LEVER: COMPONENTS (2010 Corolla)		

COMPONENTS

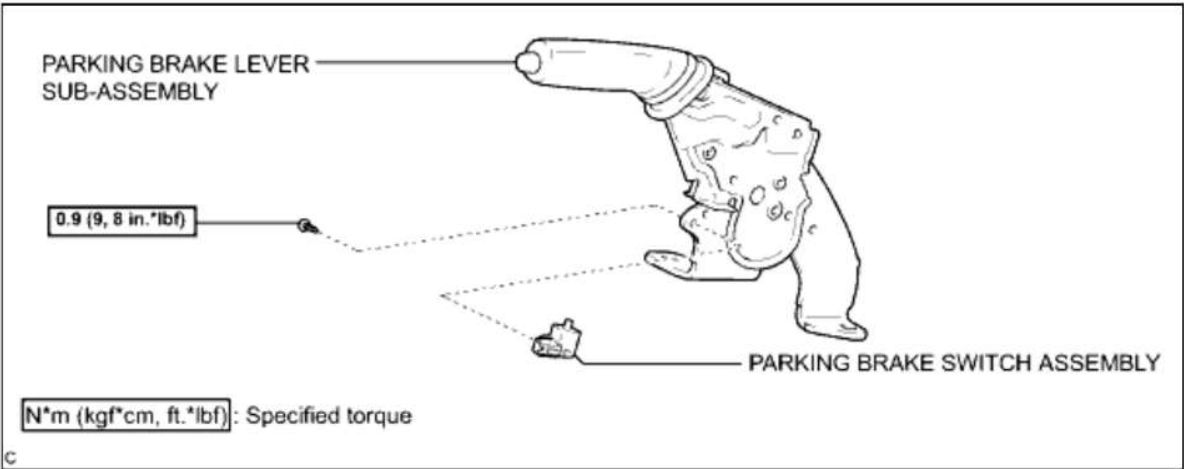
ILLUSTRATION



ILLUSTRATION



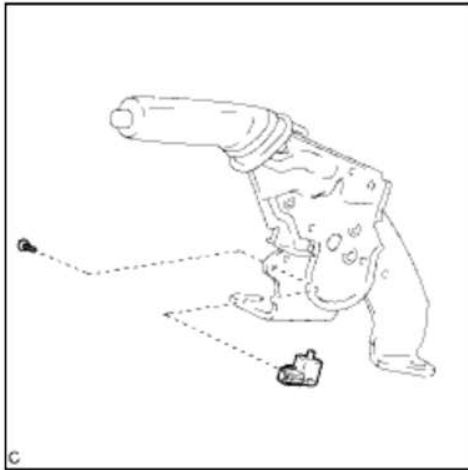
ILLUSTRATION



Last Modified: 3-10-2010	6.4 A	From: 200901
Model Year: 2010	Model: Corolla	Doc ID: RM000002VHI00NX
Title: PARKING BRAKE: PARKING BRAKE LEVER: INSTALLATION (2010 Corolla)		

INSTALLATION

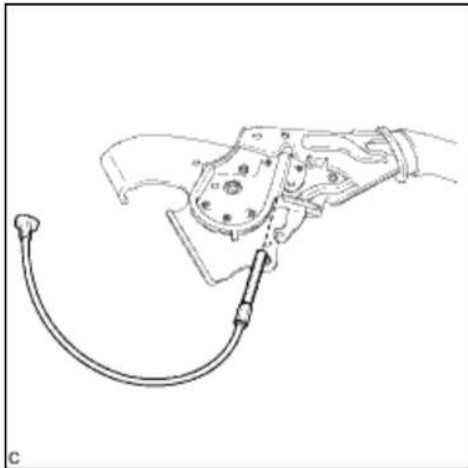
1. INSTALL PARKING BRAKE SWITCH ASSEMBLY



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

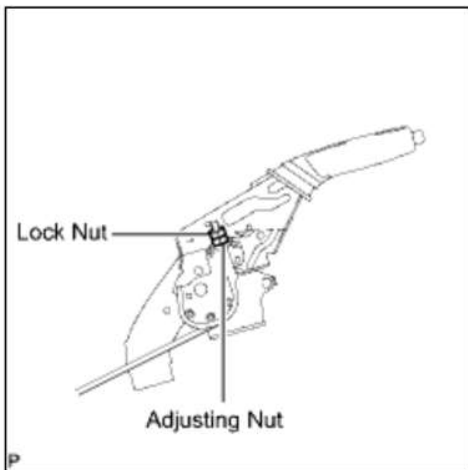
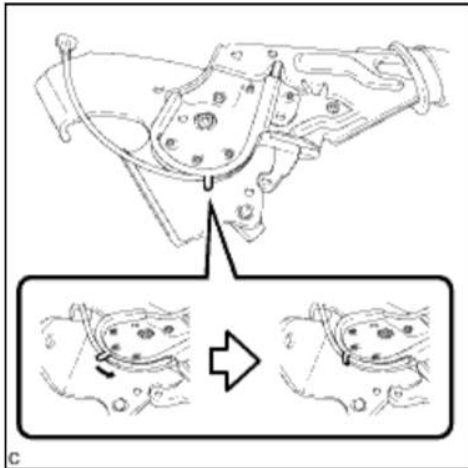
Torque: 0.9 N·m (9 kgf·cm, 8in·lbf)

2. INSTALL NO. 1 PARKING BRAKE CABLE ASSEMBLY



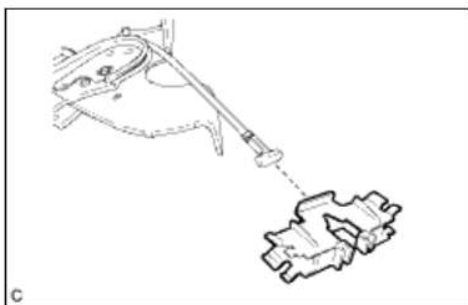
- (a) Pass the No. 1 parking brake cable assembly through the parking brake lever sub-assembly.

- (b) Bend the parking brake lever claw.



(c) Temporarily install the adjusting nut and the lock nut to the No. 1 parking brake cable assembly.

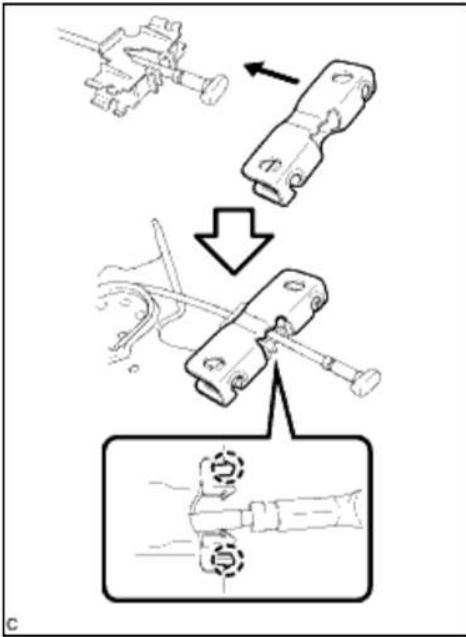
3. INSTALL PARKING BRAKE CABLE END STOPPER



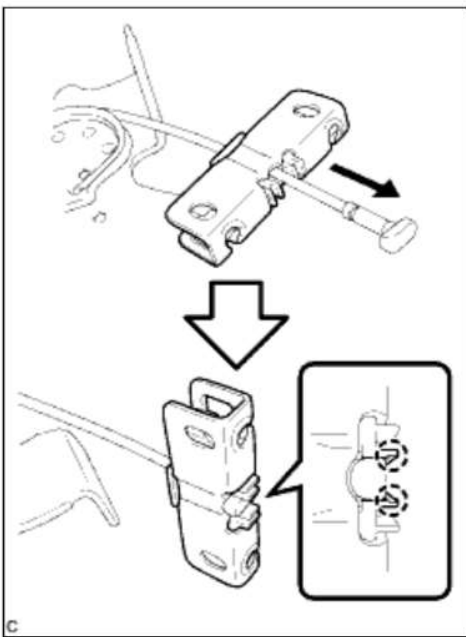
(a) Install the parking brake cable end stopper to the No. 1 parking brake cable assembly.

4. INSTALL PARKING BRAKE EQUALIZER

(a) Engage the 2 claws to install the parking brake equalizer



to the parking brake cable end stopper.

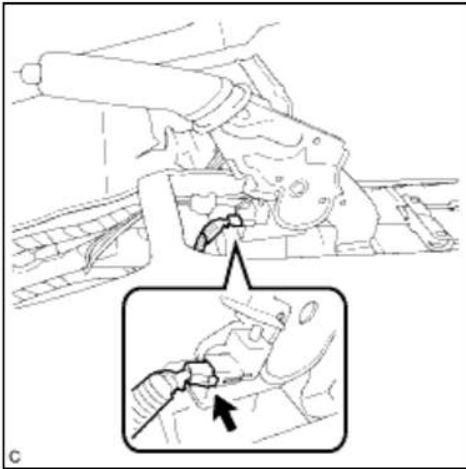
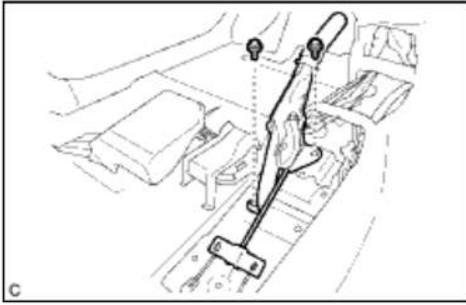


(b) Engage the 2 claws to install the parking brake cable end stopper to the No. 1 parking brake cable assembly.

5. INSTALL PARKING BRAKE LEVER ASSEMBLY

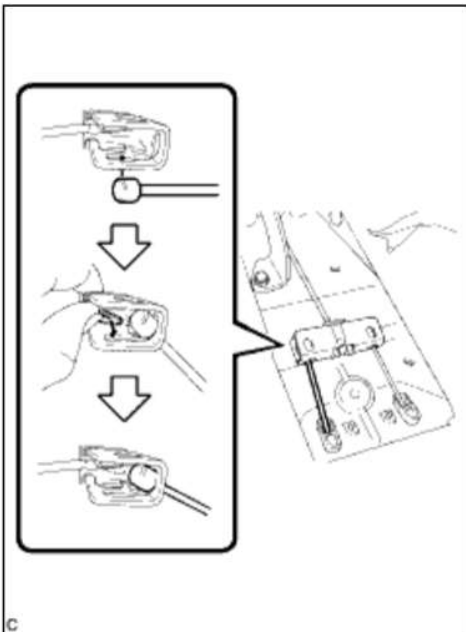
(a) Install the parking brake lever assembly with the 2 bolts.

Torque: 15 N·m (148 kgf·cm, 11ft·lbf)



(b) Connect the parking brake switch connector.

6. CONNECT PARKING BRAKE EQUALIZER

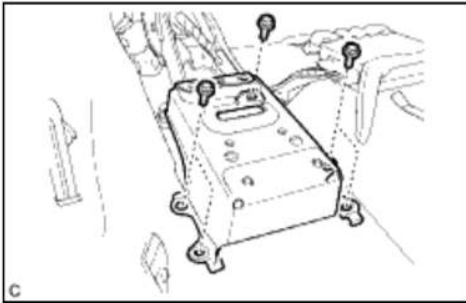


(a) Connect the parking brake equalizer to the No. 3 parking brake cable assembly as shown in the illustration.

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

HINT:

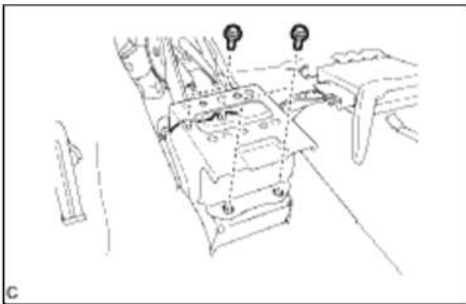
Perform the same procedure for the No. 3 parking brake cable assembly.

7. INSTALL NO. 3 BELT ANCHOR REINFORCEMENT SUB-ASSEMBLY

- (a) Install the No. 3 belt anchor reinforcement sub-assembly with the 5 bolts.

Torque: 27 N·m (275 kgf·cm, 19ft·lbf)

- (b) Install the floor carpet.

8. INSTALL NO. 2 BELT ANCHOR REINFORCEMENT SUB-ASSEMBLY

- (a) Install the No. 2 belt anchor reinforcement sub-assembly with the 4 bolts.

Torque: 27 N·m (275 kgf·cm, 19ft·lbf)

9. ADJUST PARKING BRAKE LEVER TRAVEL INFO**10. INSPECT BRAKE WARNING LIGHT** INFO**11. INSTALL CONSOLE BOX ASSEMBLY****HINT:**

Refer to the instructions for Installation of the front console box INFO.

12. INSTALL FRONT SEAT ASSEMBLY LH (for Manual Seat)**HINT:**

Refer to the instructions for Installation of the front seat assembly INFO.

13. INSTALL FRONT SEAT ASSEMBLY LH (for Power Seat)**HINT:**

Refer to the instructions for Installation of the front seat assembly INFO.

14. INSTALL FRONT SEAT ASSEMBLY RH**HINT:**

Perform the same procedure for the LH side.

15. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL (w/ Front Seat Side Airbag)**16. INSPECT SRS WARNING LIGHT (w/ Front Seat Side Airbag)****HINT:**

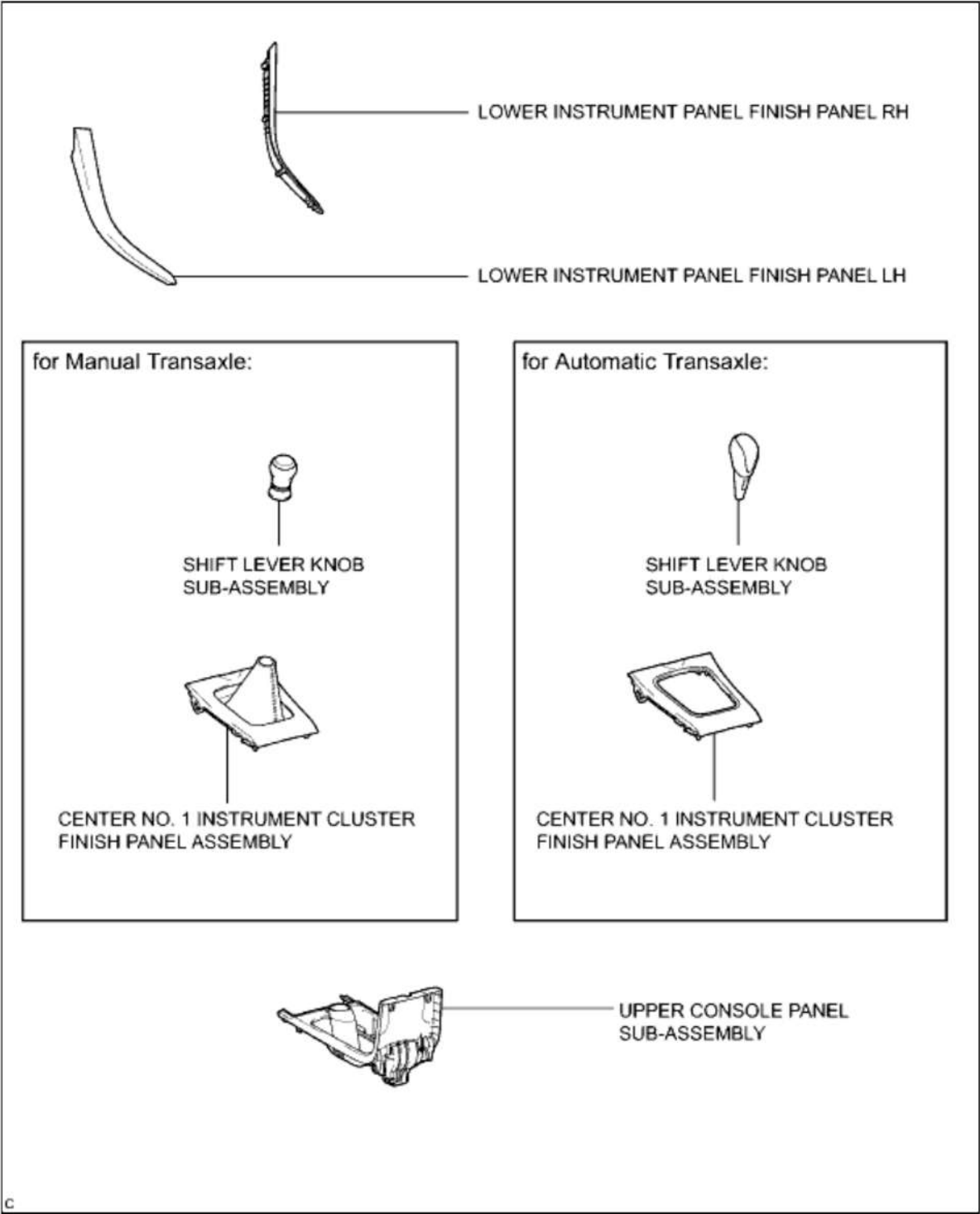
.



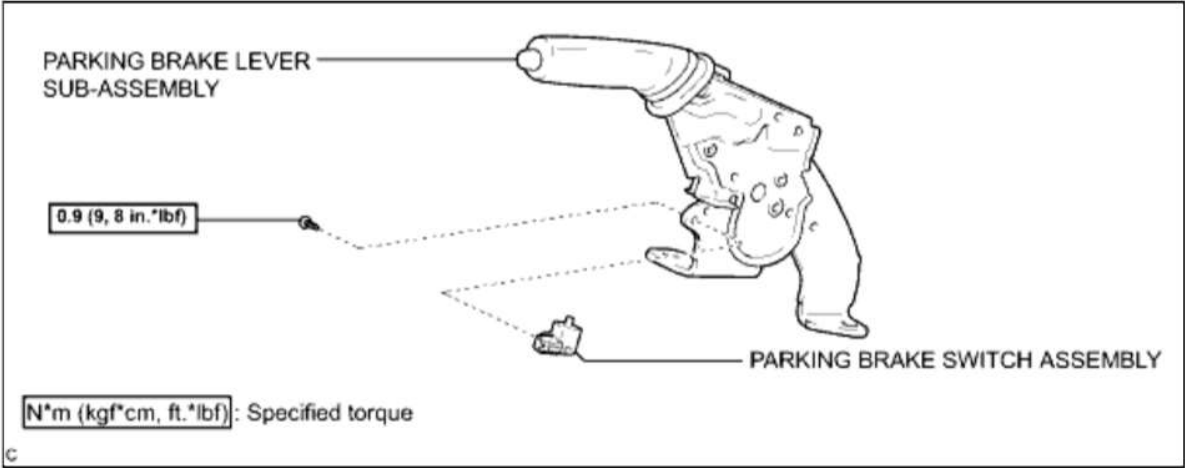
Last Modified: 3-10-2010	6.4 K	From: 200901
Model Year: 2010	Model: Corolla	Doc ID: RM000003D74004X
Title: PARKING BRAKE: PARKING BRAKE SWITCH: COMPONENTS (2010 Corolla)		

COMPONENTS

ILLUSTRATION



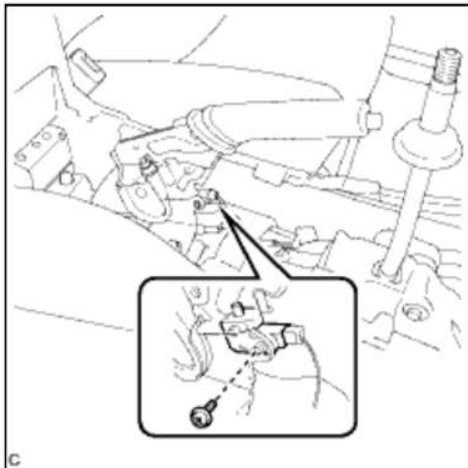
ILLUSTRATION



Last Modified: 3-10-2010	6.4 A	From: 200901
Model Year: 2010	Model: Corolla	Doc ID: RM000003D75004X
Title: PARKING BRAKE: PARKING BRAKE SWITCH: REMOVAL (2010 Corolla)		

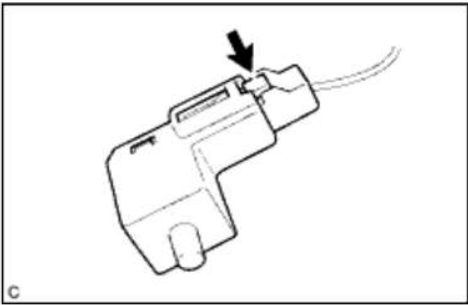
REMOVAL

1. REMOVE LOWER INSTRUMENT PANEL FINISH PANEL LH INFO
2. REMOVE LOWER INSTRUMENT PANEL FINISH PANEL RH INFO
3. REMOVE SHIFT LEVER KNOB SUB-ASSEMBLY (for Manual Transaxle) INFO
4. REMOVE SHIFT LEVER KNOB SUB-ASSEMBLY (for Automatic Transaxle) INFO
5. REMOVE CENTER NO. 1 INSTRUMENT CLUSTER FINISH PANEL ASSEMBLY (for Manual Transaxle) INFO
6. REMOVE CENTER NO. 1 INSTRUMENT CLUSTER FINISH PANEL ASSEMBLY (for Automatic Transaxle) INFO
7. REMOVE UPPER CONSOLE PANEL SUB-ASSEMBLY INFO
8. REMOVE PARKING BRAKE SWITCH ASSEMBLY



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

(b) Disconnect the connector and remove the parking brake switch assembly.



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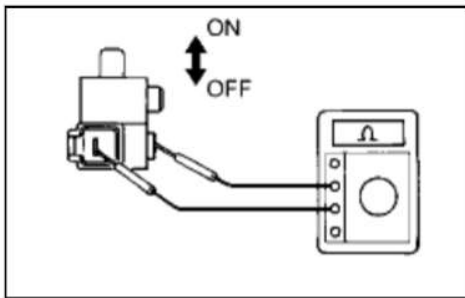
Last Modified: 3-10-2010	6.4 G	From: 200901
Model Year: 2010	Model: Corolla	Doc ID: RM000003D73004X
Title: PARKING BRAKE: PARKING BRAKE SWITCH: INSPECTION (2010 Corolla)		

INSPECTION

1. INSPECT PARKING BRAKE SWITCH ASSEMBLY

(a) Measure the resistance according to the value(s) in the table below.

Standard Resistance:



TESTER CONNECTION	SWITCH CONDITION	SPECIFIED CONDITION
Switch connector - Switch body	ON (When shaft is not pressed)	Below 1 Ω
Switch connector - Switch body	OFF (When shaft is pressed)	10 k Ω or higher

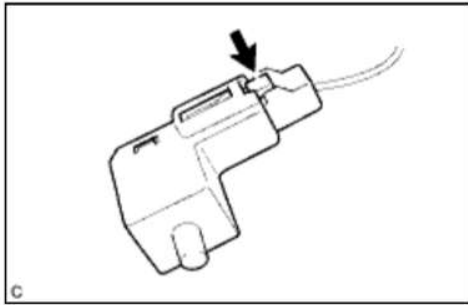
If the resistance is not as specified, replace the parking brake switch assembly.



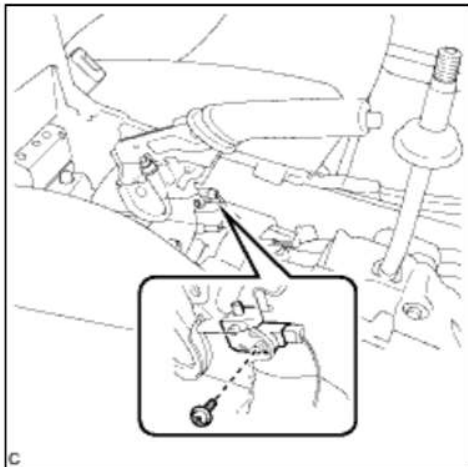
Last Modified: 3-10-2010	6.4 A	From: 200901
Model Year: 2010	Model: Corolla	Doc ID: RM000003D72004X
Title: PARKING BRAKE: PARKING BRAKE SWITCH: INSTALLATION (2010 Corolla)		

INSTALLATION

1. INSTALL PARKING BRAKE SWITCH ASSEMBLY



(a) Connect the connector to the parking brake switch assembly.



(b) Install the parking brake switch assembly to the parking brake lever assembly with the screw.

Torque: 0.9 N·m (9 kgf·cm, 8in·lbf)

2. INSPECT BRAKE WARNING LIGHT INFO

3. INSTALL UPPER CONSOLE PANEL SUB-ASSEMBLY INFO

4. INSTALL CENTER NO. 1 INSTRUMENT CLUSTER FINISH PANEL ASSEMBLY (for Automatic Transaxle) INFO

5. INSTALL CENTER NO. 1 INSTRUMENT CLUSTER FINISH PANEL ASSEMBLY (for Manual Transaxle) INFO

6. INSTALL SHIFT LEVER KNOB SUB-ASSEMBLY (for Automatic Transaxle) INFO

7. INSTALL SHIFT LEVER KNOB SUB-ASSEMBLY (for Manual Transaxle) INFO

8. INSTALL LOWER INSTRUMENT PANEL FINISH PANEL LH



9. INSTALL LOWER INSTRUMENT PANEL FINISH PANEL RH



Last Modified: 3-10-2010	6.4 T	From: 200901
Model Year: 2010	Model: Corolla	Doc ID: RM000002FKZ00FX
Title: PARKING BRAKE: PARKING BRAKE SYSTEM: PROBLEM SYMPTOMS TABLE (2010 Corolla)		

PROBLEM SYMPTOMS TABLE

HINT:

Use the table below to help determine the cause of problem symptoms. If multiple suspected areas are listed, the potential causes of the symptoms are listed in order of probability in the "Suspected Area" column of the table. Check each symptom by checking the suspected areas in the order they are listed. Replace parts as necessary.

Parking Brake System

SYMPTOM	SUSPECTED AREA	SEE PAGE
Brake drag	Parking brake lever travel (Out of adjustment)	INFO
	No. 1 parking brake cable assembly (Sticking) (for Rear Disc Brake)	INFO
	No. 1 parking brake cable assembly (Sticking) (for Rear Drum Brake)	INFO
	No. 3 parking brake cable assembly (Sticking) (for Rear Disc Brake)	INFO
	No. 3 parking brake cable assembly (Sticking) (for Rear Drum Brake)	INFO
	Rear disc brake piston (Stuck)	INFO
	Rear drum brake piston (Stuck)	INFO
	Parking brake shoe clearance (Out of adjustment)	INFO
	Parking brake shoe lining (Cracked or distorted)	INFO
	Tension or return spring (Damaged)	INFO



Last Modified: 3-10-2010	6.4 N	From: 200901
Model Year: 2010	Model: Corolla	Doc ID: RM000000UVR01UX
Title: PARKING BRAKE: PARKING BRAKE SYSTEM: ADJUSTMENT (2010 Corolla)		

ADJUSTMENT

1. INSPECT PARKING BRAKE LEVER TRAVEL

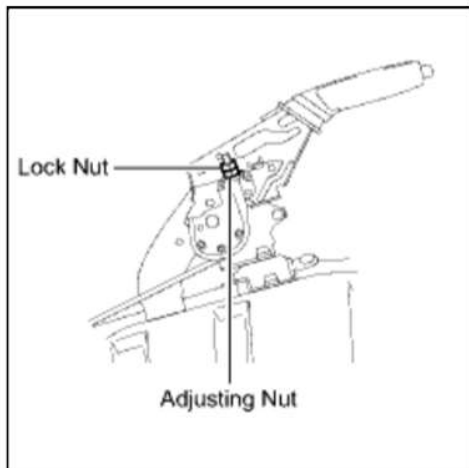
- Pull the parking brake lever firmly.
- Release the parking brake lock, and return the parking brake lever to its off position.
- Slowly pull the parking brake lever all the way up, and count the number of clicks.

Parking brake lever travel:

6 to 9 notches at 200 N (20 kgf, 45.0 lbf)

2. ADJUST PARKING BRAKE LEVER TRAVEL

- Remove the upper console box assembly .
- Completely release the parking brake lever.



- Loosen the lock nut and the adjusting nut to completely release the parking brake cable.

- Fully depress the brake lever 3 to 5 times with the engine stopped.
- Turn the adjusting nut until the parking brake lever travel is corrected to within the specified range.

Parking brake lever travel:

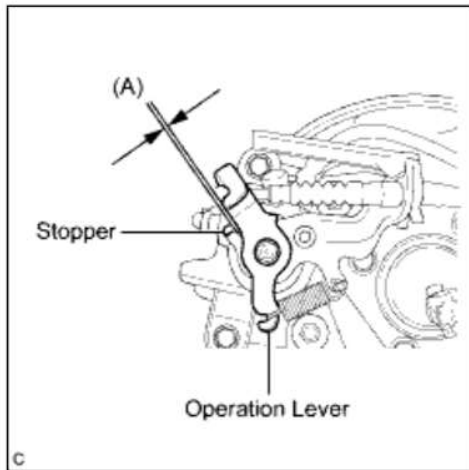
6 to 9 notches at 200 N (20 kgf, 45.0 lbf)

- Using a wrench or an equivalent tool, hold the adjusting nut and tighten the lock nut.

Torque: 6.0 N·m (61 kgf·cm, 53in·lbf)

- Operate the parking brake lever 3 to 4 times, and check the parking brake lever travel.
- Check whether the parking brake drags or not.
- Install the upper console box assembly .

3. INSPECT REAR DISC BRAKE CYLINDER OPERATION LEVER AND STOPPER CLEARANCE (for Rear Disc Brake)



- (a) Release the parking brake lever and check that the clearance measurement between the rear disc brake cylinder operation lever and the stopper is within the specified range.

Clearance (A):

0.5 mm (0.0197 in.) or less

If the clearance is not within the specified range, replace the rear disc brake caliper assembly.

4. INSPECT BRAKE WARNING LIGHT

- (a) When operating the parking brake lever, check that the brake warning light illuminates.

Standard:

The brake warning light always illuminates at the first click.

