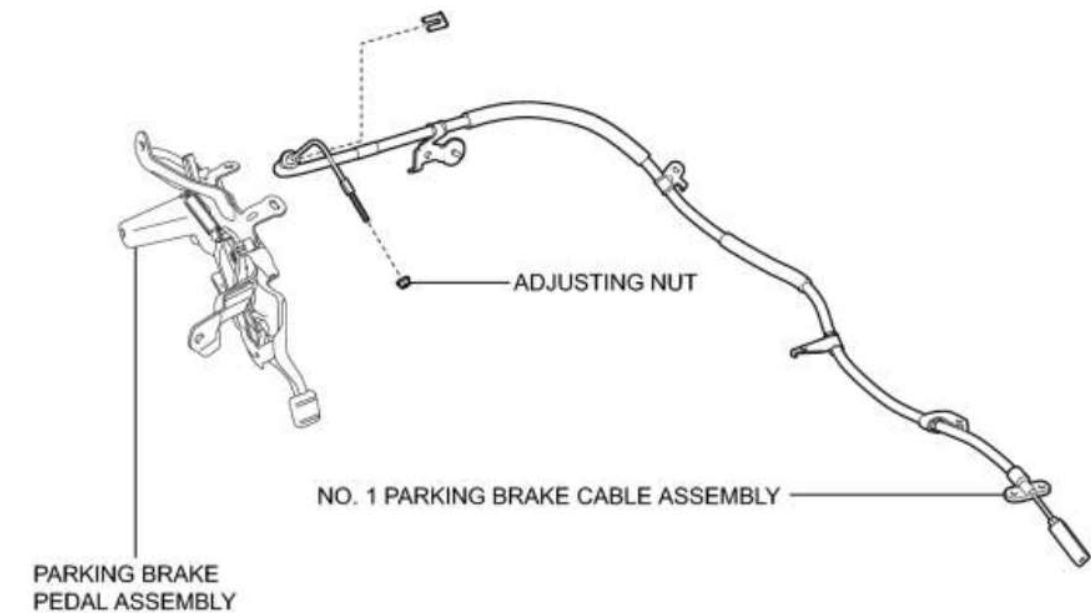


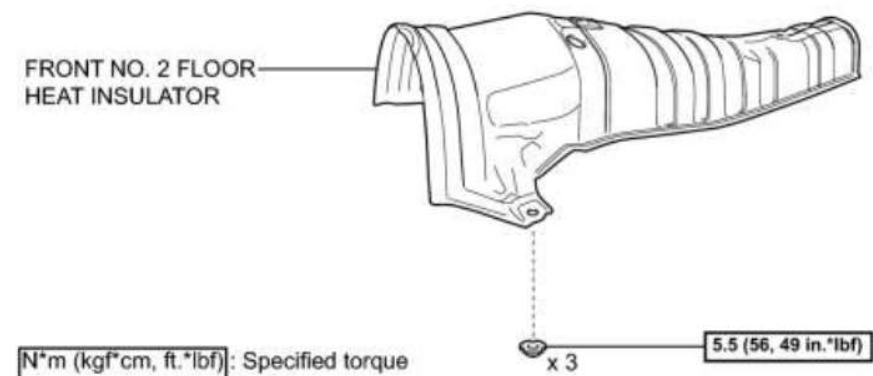
COMPONENTS

ILLUSTRATION



c

ILLUSTRATION

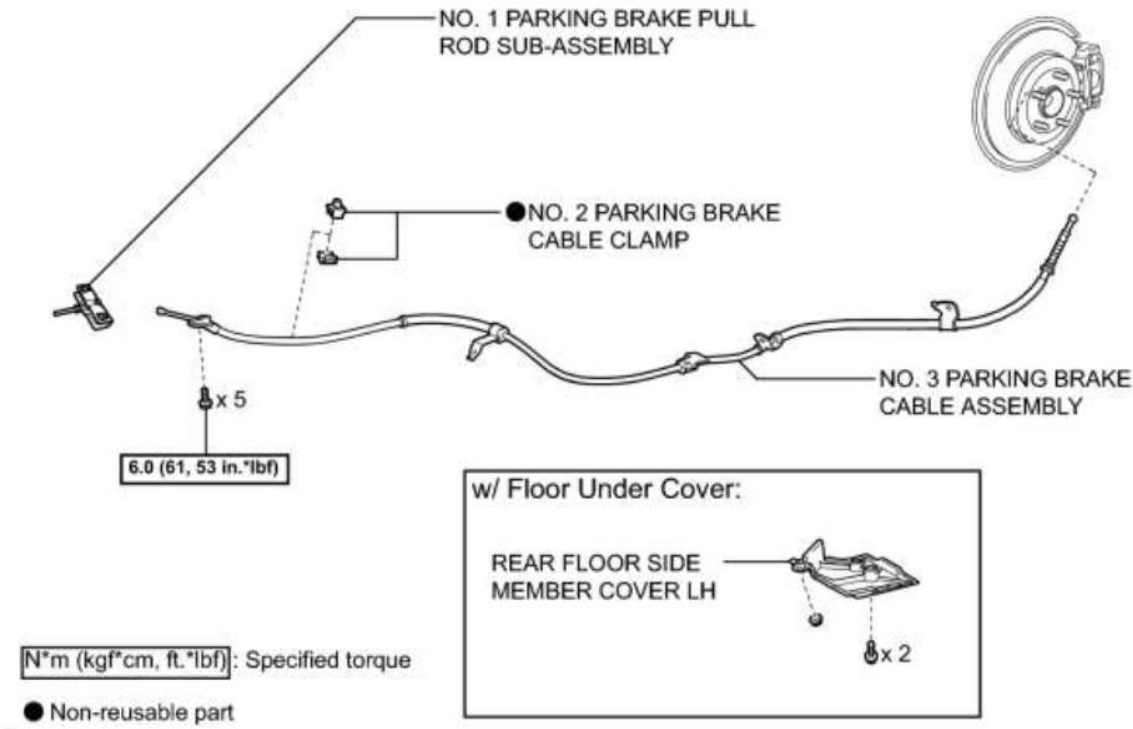


c

ILLUSTRATION

2010 Toyota Prius

Repair Manual



REMOVAL

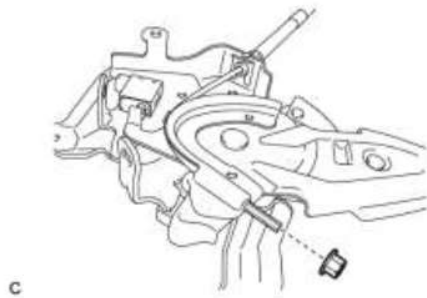
1. REMOVE REAR WHEEL

2. REMOVE PARKING BRAKE CONTROL PEDAL ASSEMBLY

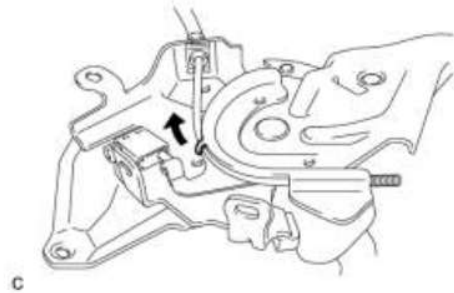
HINT:

Refer to the instructions for Removal of the parking brake control pedal assembly [INFO](#).

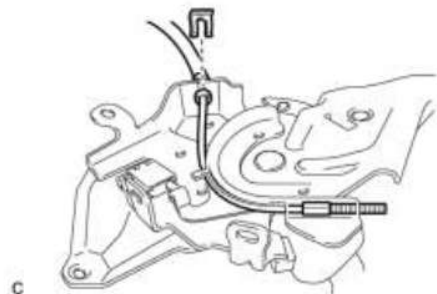
3. REMOVE NO. 1 PARKING BRAKE CABLE ASSEMBLY



(a) Remove the adjusting nut.



(b) Pull up the parking brake pedal claw.



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

(d) Remove the No. 1 parking brake cable assembly from the parking brake pedal assembly.

4. REMOVE FRONT EXHAUST PIPE ASSEMBLY

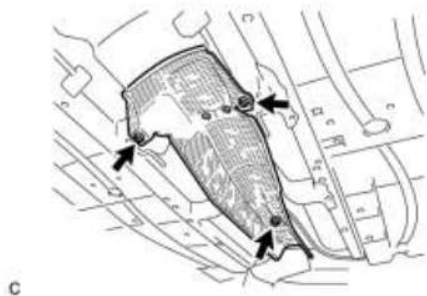
HINT:

2010 Toyota Prius

Repair Manual

Refer to the instructions for Removal of the front exhaust pipe assembly INFO.

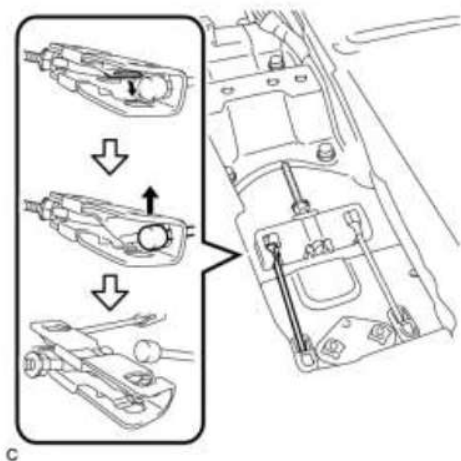
5. REMOVE FRONT NO. 2 FLOOR HEAT INSULATOR



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

6. REMOVE REAR FLOOR SIDE MEMBER COVER LH (w/ Floor Under Cover) INFO

7. REMOVE NO. 1 PARKING BRAKE PULL ROD SUB-ASSEMBLY



(a) Separate the No. 3 parking brake cable assembly from the No. 1 parking brake pull rod sub-assembly as shown in the illustration.

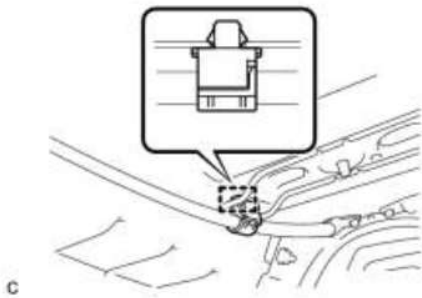
(b) Separate the No. 2 parking brake cable assembly to remove the No. 1 parking brake pull rod sub-assembly.

HINT:

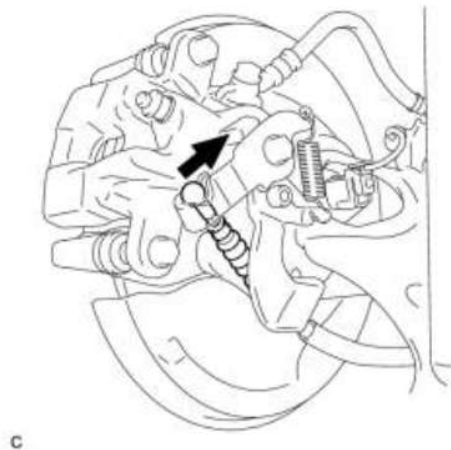
Perform the same procedure as for the No. 3 parking brake cable assembly.

8. REMOVE NO. 3 PARKING BRAKE CABLE ASSEMBLY

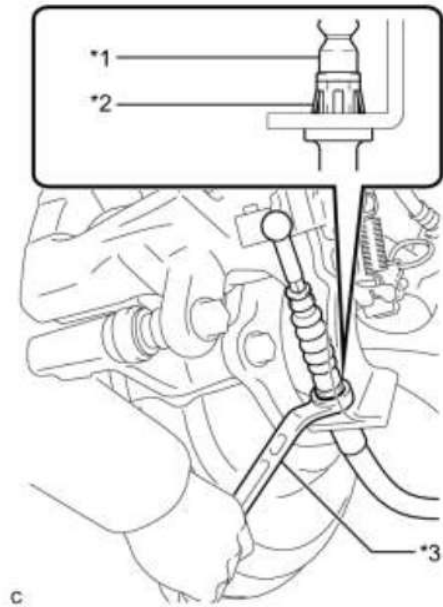
(a) Disengage the clamp to separate the No. 2 parking brake cable clamp.



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



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



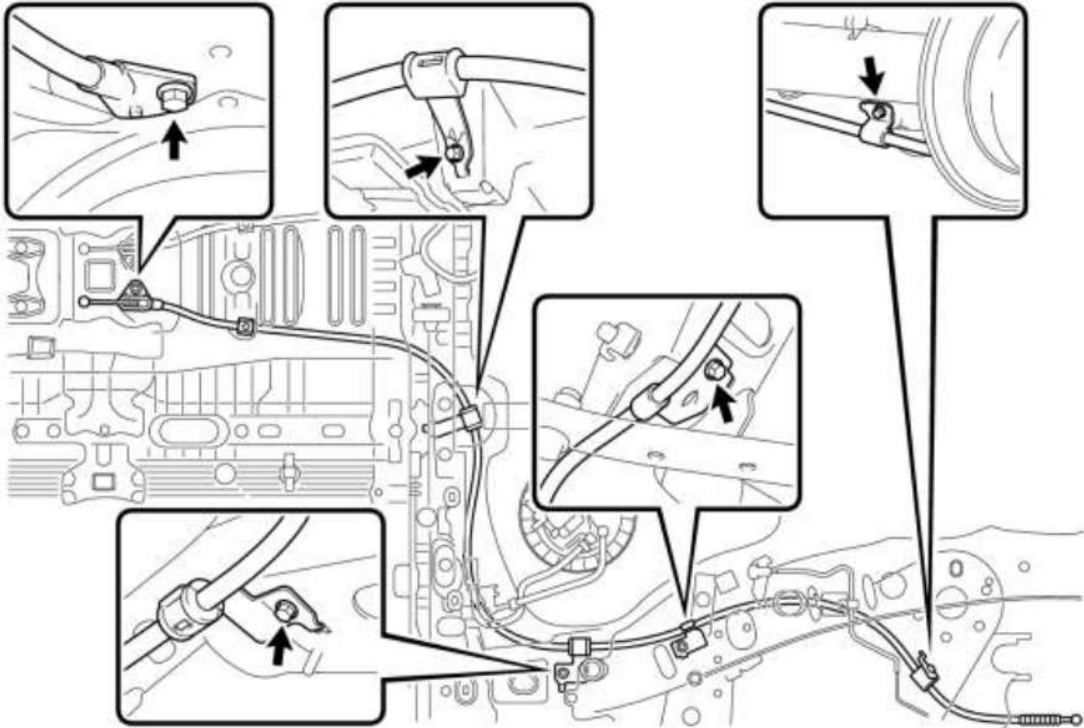
Text in Illustration

*1	No. 3 Parking Brake Cable Assembly
*2	Clip
*3	Offset Wrench (14 mm)

HINT:

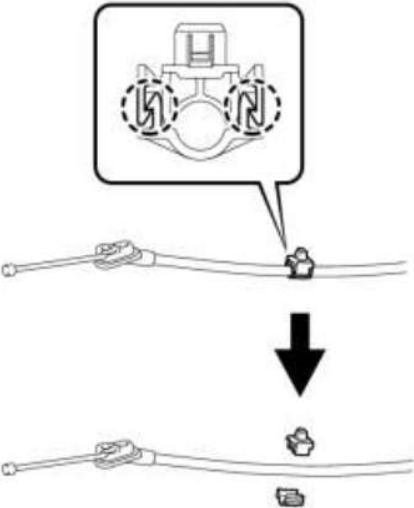
Insert an offset wrench (14 mm) at the base of the No. 3 parking brake cable assembly as shown in the illustration to disengage the clip. Pull out the No. 3 parking brake cable assembly from the rear disc brake cylinder assembly.

(d) Remove the 5 bolts and No. 3 parking brake cable assembly.



C

9. REMOVE NO. 2 PARKING BRAKE CABLE CLAMP

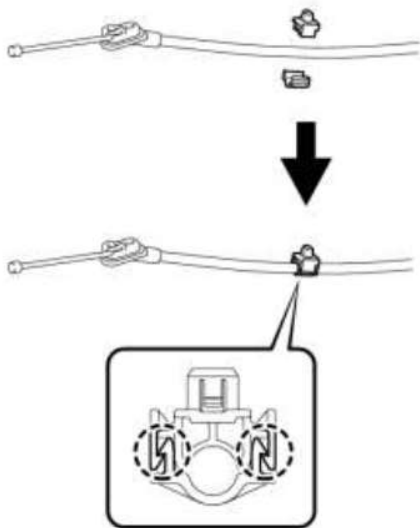


(a) Disengage the 2 claws to remove the No. 2 parking brake cable clamp from the No. 3 parking brake cable assembly.

P

INSTALLATION

1. INSTALL NO. 2 PARKING BRAKE CABLE CLAMP

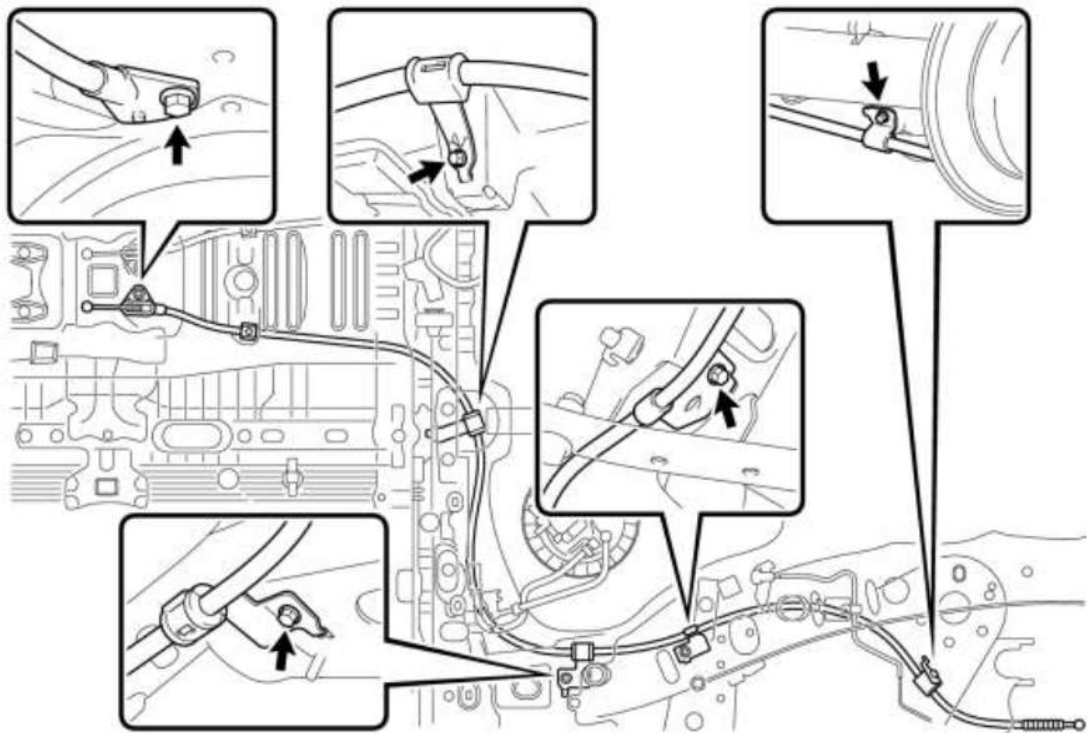


(a) Engage the 2 claws to install a new No. 2 parking brake cable clamp to the No. 3 parking brake cable assembly.

P

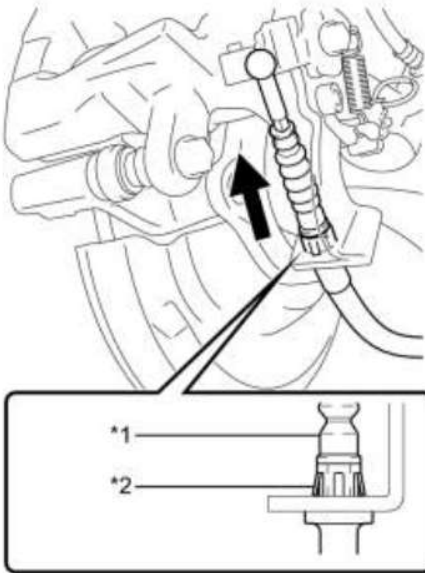
2. INSTALL NO. 3 PARKING BRAKE CABLE ASSEMBLY

(a) Install the No. 3 parking brake cable assembly with the 5 bolts.



c

Torque: 6.0 N·m (61 kgf·cm, 53in·lbf)



c

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

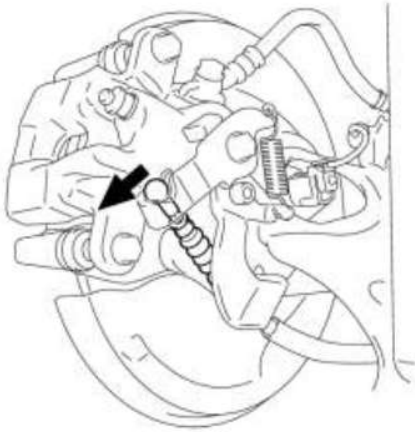
Text in Illustration

*1	No. 3 Parking Brake Cable Assembly
*2	Clip

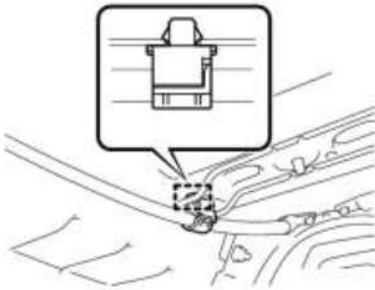
HINT:

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

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



c

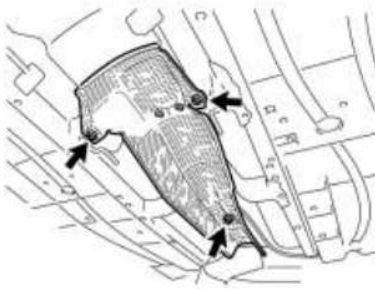


c

(d) Engage the clamp to install the No. 2 parking brake cable clamp.

3. INSTALL REAR FLOOR SIDE MEMBER COVER LH (w/ Floor Under Cover) INFO

4. INSTALL FRONT NO. 2 FLOOR HEAT INSULATOR



c

(a) Install the front No. 2 floor heat insulator with the 3 nuts.

Torque: **5.5 N·m (56 kgf·cm, 49in·lbf)**

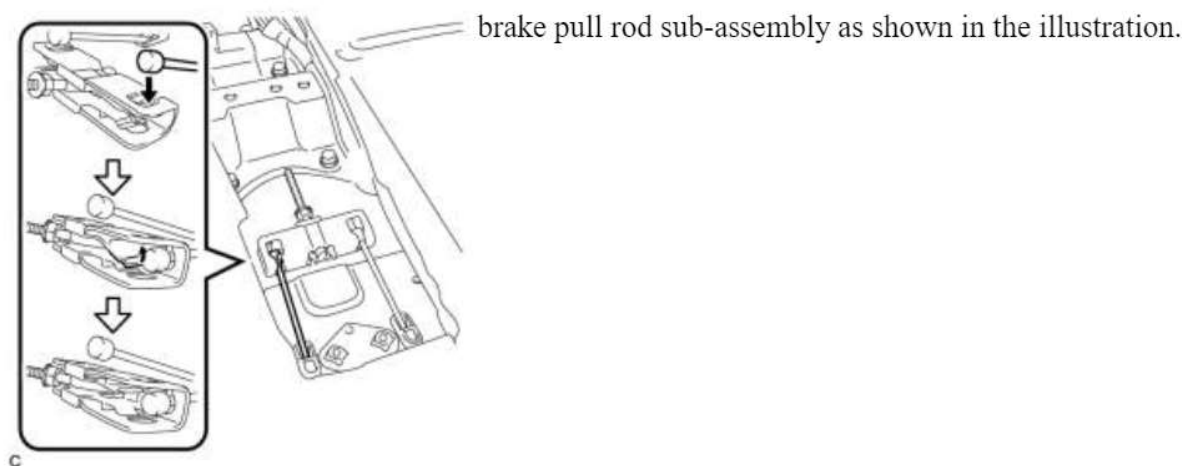
5. INSTALL FRONT EXHAUST PIPE ASSEMBLY

HINT:

Refer to the instructions for Installation of the front exhaust pipe assembly INFO.

6. INSTALL NO. 1 PARKING BRAKE PULL ROD SUB-ASSEMBLY

(a) Connect the No. 3 parking brake cable assembly to the No. 1 parking



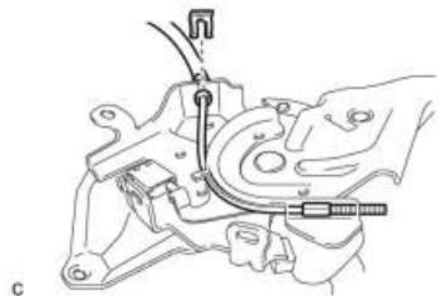
(b) Connect the No. 2 parking brake cable assembly to the No. 1 parking brake pull rod sub-assembly.

HINT:

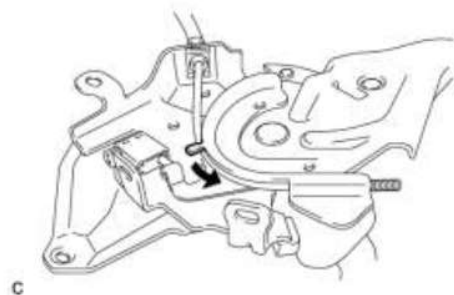
Perform the same procedure as for the No. 3 parking brake cable assembly.

7. INSTALL NO. 1 PARKING BRAKE CABLE ASSEMBLY

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

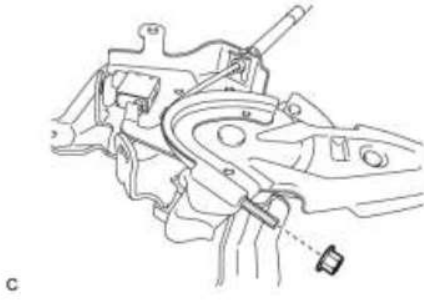


(b) Install the clip to the No. 1 parking brake cable assembly.



(c) Bend the parking brake pedal claw.

(d) Temporarily install the adjusting nut.



8. INSTALL PARKING BRAKE CONTROL PEDAL ASSEMBLY

HINT:

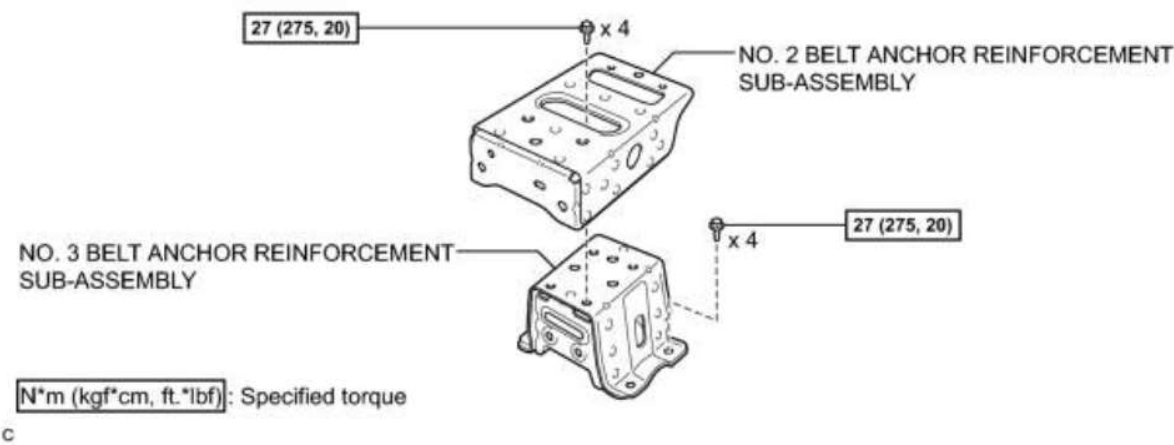
Refer to the instructions for Installation of the parking brake control pedal assembly [INFO](#).

9. INSTALL REAR WHEEL

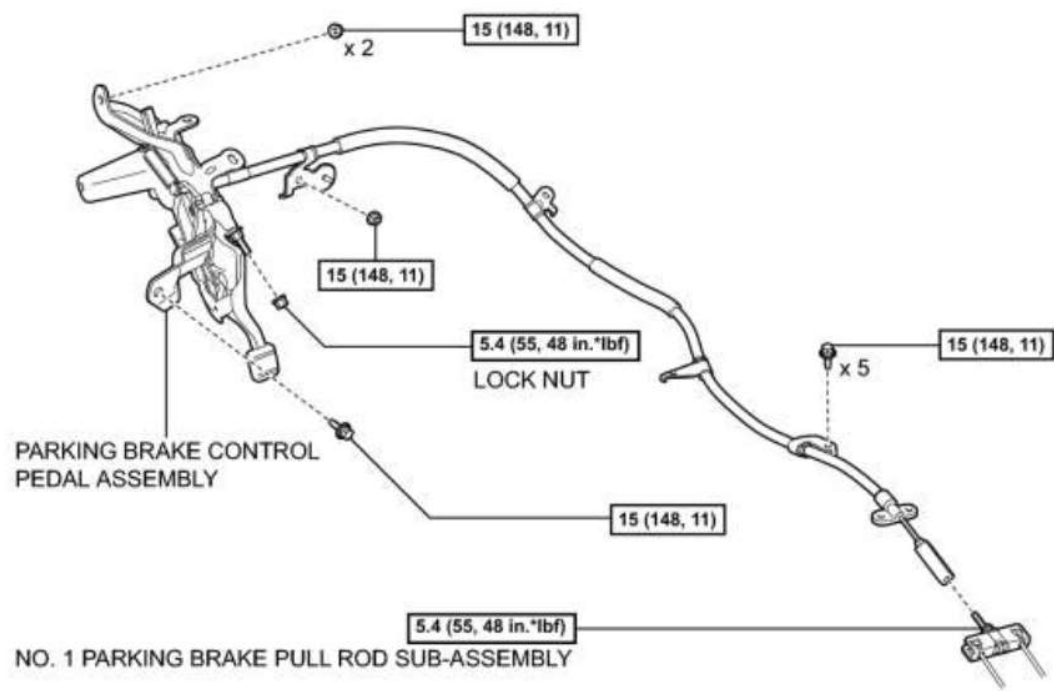
Torque: **103 N·m (1050 kgf·cm, 76ft·lbf)**

COMPONENTS

ILLUSTRATION



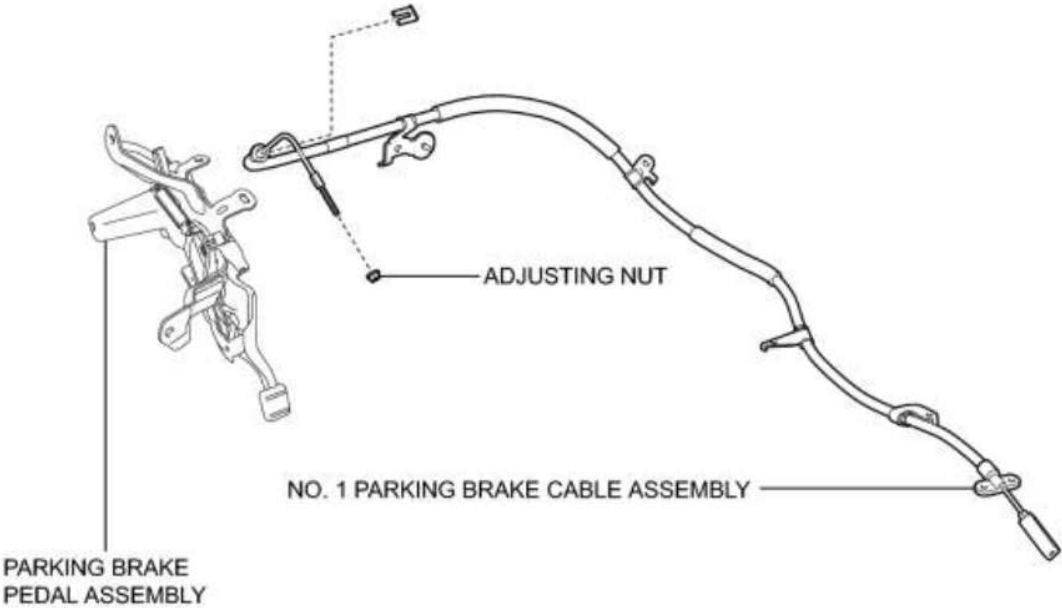
ILLUSTRATION



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

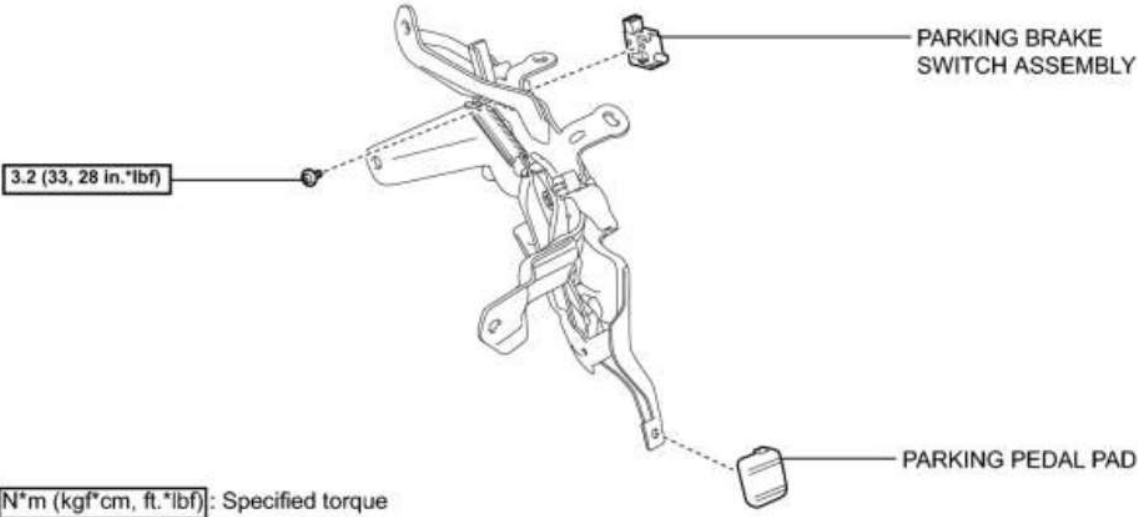
c

ILLUSTRATION



c

ILLUSTRATION



c

REMOVAL

1. REMOVE AIR CONDITIONING UNIT

HINT:

Refer to the instructions for Removal of the air conditioning unit [INFO](#).

2. REMOVE FRONT SEAT ASSEMBLY LH

HINT:

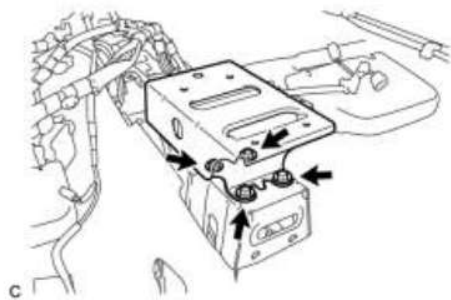
Refer to the instructions for Removal of the front seat assembly [INFO](#).

3. REMOVE FRONT SEAT ASSEMBLY RH

HINT:

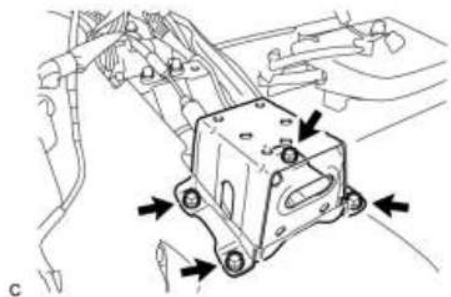
Perform the same procedure as for the LH side.

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



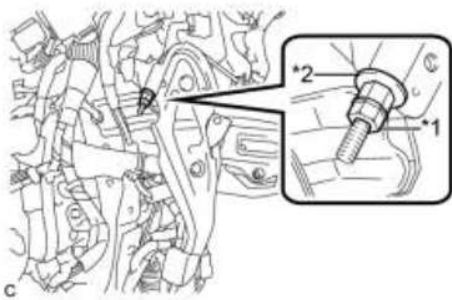
(a) Remove the 4 bolts and No. 2 belt anchor reinforcement sub-assembly.

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



(a) Remove the 4 bolts and No. 3 belt anchor reinforcement sub-assembly.

6. LOOSEN ADJUSTING NUT

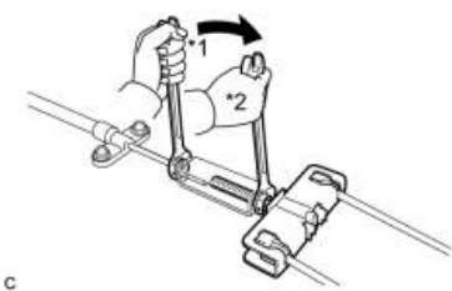


(a) Remove the lock nut and loosen the adjusting nut.

Text in Illustration

*1	Lock Nut
*2	Adjusting Nut

7. SEPARATE NO. 1 PARKING BRAKE PULL ROD SUB-ASSEMBLY



(a) Separate the No. 1 parking brake pull rod sub-assembly from the parking brake control pedal assembly as shown in the illustration.

Text in Illustration

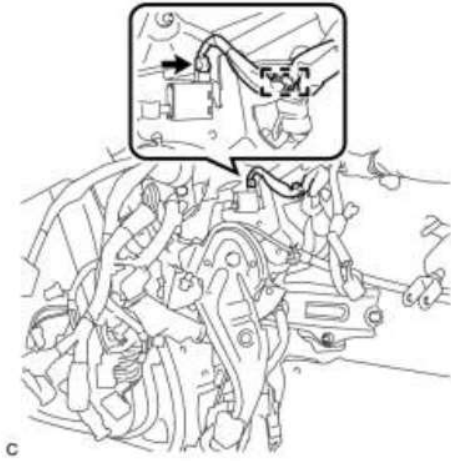
*1	Turn
*2	Hold

8. REMOVE PARKING BRAKE CONTROL PEDAL ASSEMBLY



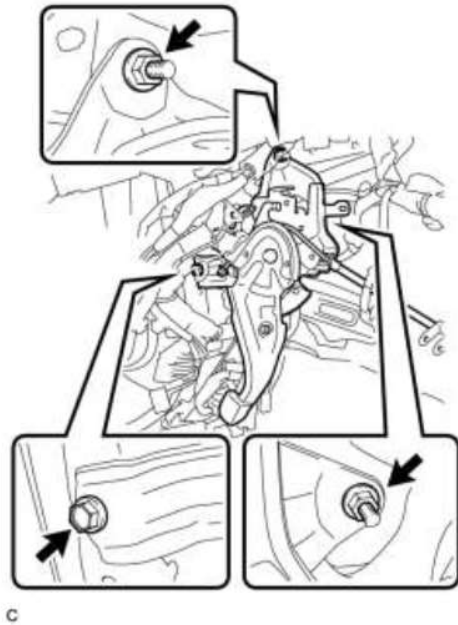
(a) Remove the 5 bolts and nut, and separate the No. 1 parking brake cable assembly.

(b) Remove the clamp.



(c) Disconnect the parking brake switch connector.

(d) Disengage the wire harness clamp.



(e) Remove the bolt, 2 nuts and parking brake control pedal assem

DISASSEMBLY

1. REMOVE NO. 1 PARKING BRAKE CABLE ASSEMBLY_ 

2. REMOVE PARKING BRAKE SWITCH ASSEMBLY_ 

3. REMOVE PARKING PEDAL PAD

(a) Remove the parking pedal pad from the parking brake pedal assembly.

REASSEMBLY

1. INSTALL PARKING PEDAL PAD

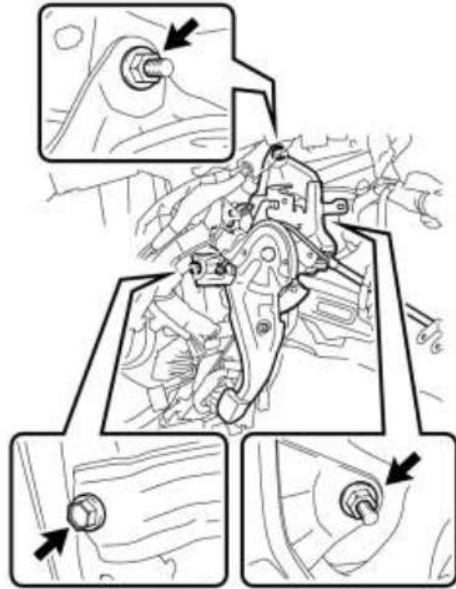
(a) Install the parking pedal pad to the parking brake pedal assembly.

2. INSTALL PARKING BRAKE SWITCH ASSEMBLY_

3. INSTALL NO. 1 PARKING BRAKE CABLE ASSEMBLY_

INSTALLATION

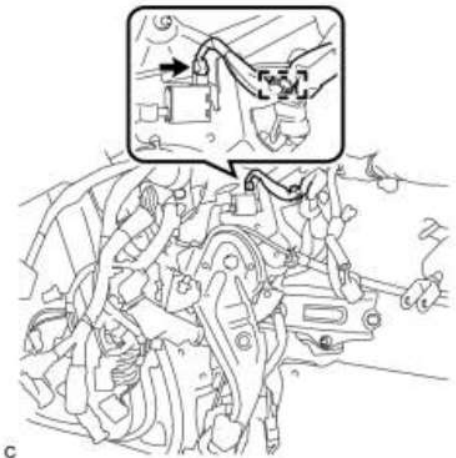
1. INSTALL PARKING BRAKE CONTROL PEDAL ASSEMBLY



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

Torque: **15 N·m (148 kgf·cm, 11ft·lbf)**

c



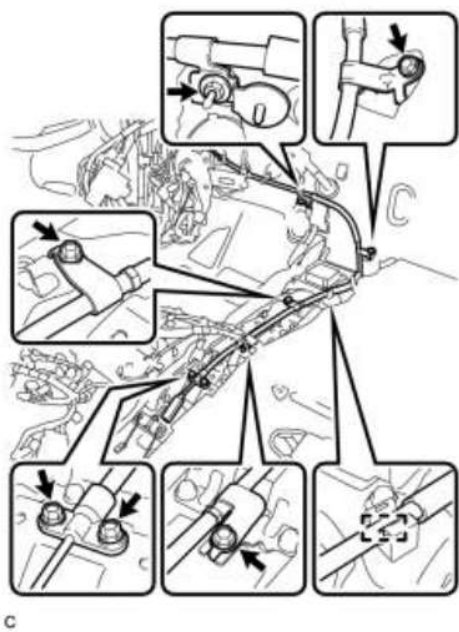
(b) Connect the parking brake switch connector.

c

(c) Engage the wire harness clamp.

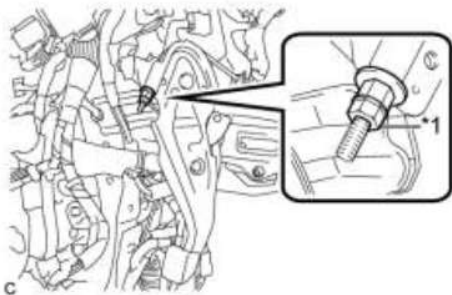
(d) Install the No. 1 parking brake cable assembly with the 5 bolts and nut.

Torque: **15 N·m (148 kgf·cm, 11ft·lbf)**



(e) Engage the clamp.

(f) Temporarily install the lock nut.



Text in Illustration

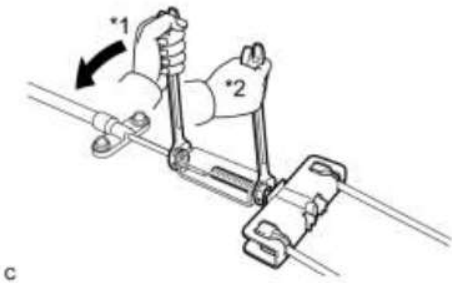
*1	Lock Nut
----	----------

HINT:

After adjusting parking brake pedal travel, tighten the lock nut.

2. CONNECT NO. 1 PARKING BRAKE PULL ROD SUB-ASSEMBLY

(a) Connect the No. 1 parking brake pull rod sub-assembly to the parking brake control pedal assembly as shown in the illustration.



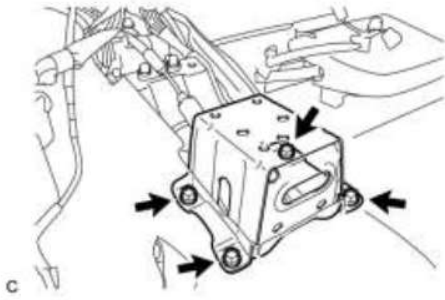
Text in Illustration

*1	Turn
*2	Hold

Torque: 5.4 N·m (55 kgf·cm, 48in·lbf)

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

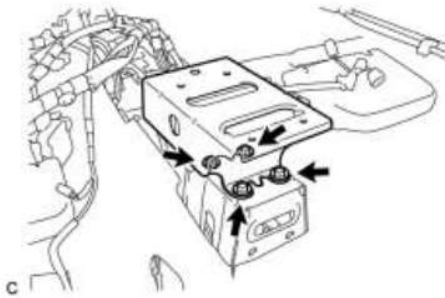
(a) Install the No. 3 belt anchor reinforcement sub-assembly with the 4



bolts.

Torque: **27 N·m (275 kgf·cm, 20ft·lbf)**

4. 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, 20ft·lbf)**

5. INSTALL FRONT SEAT ASSEMBLY LH

HINT:

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

6. INSTALL FRONT SEAT ASSEMBLY RH

HINT:

Perform the same procedure as for the LH side.

7. INSTALL AIR CONDITIONING UNIT

HINT:

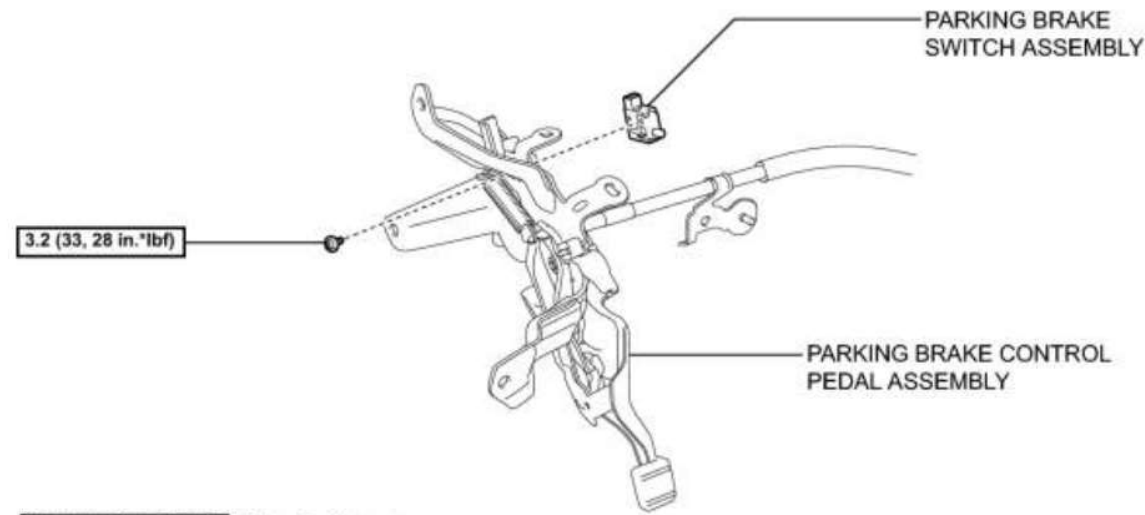
Refer to the instructions for Installation of the air conditioning unit [INFO](#).

8. ADJUST PARKING BRAKE PEDAL TRAVEL [INFO](#)

9. INSPECT BRAKE WARNING LIGHT [INFO](#)

COMPONENTS

ILLUSTRATION



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

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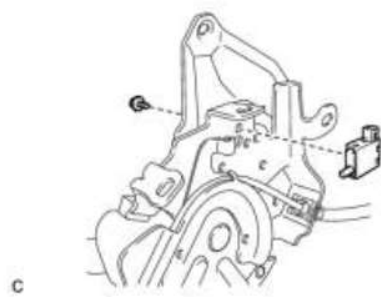
REMOVAL

1. REMOVE PARKING BRAKE CONTROL PEDAL ASSEMBLY

HINT:

Refer to the procedures up to Remove Parking Brake Control Pedal Assembly INFO.

2. REMOVE PARKING BRAKE SWITCH ASSEMBLY



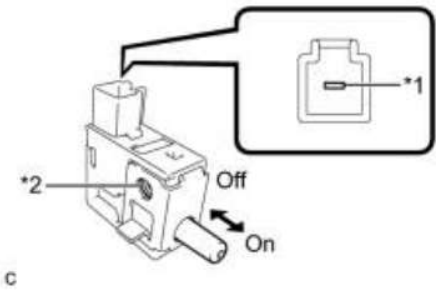
(a) Remove the screw and parking brake switch assembly from the parking brake control pedal assembly.

INSPECTION

1. INSPECT PARKING BRAKE SWITCH ASSEMBLY

(a) Measure the resistance between the connector terminal and the nut inside the parking brake switch assembly.

Standard Resistance



Tester Connection	Switch Condition	Specified Condition
Terminal - Nut	on (When shaft is not pressed)	Below 1 Ω
Terminal - Nut	off (When shaft is pressed)	10 kΩ or higher

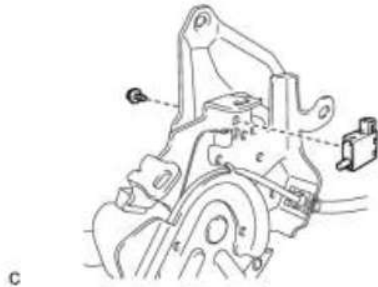
Text in Illustration

*1	Terminal
*2	Nut

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

INSTALLATION

1. INSTALL PARKING BRAKE SWITCH ASSEMBLY



(a) Install the parking brake switch assembly to the parking brake control pedal assembly with the screw.

Torque: **3.2 N·m (33 kgf·cm, 28in·lbf)**

2. INSTALL PARKING BRAKE CONTROL PEDAL ASSEMBLY

HINT:

Refer to the procedures from Install Parking Brake Control Pedal Assembly [INFO](#).

PRECAUTION

1. PRECAUTION FOR DISCONNECTING THE BATTERY CABLE

NOTICE:

When disconnecting the battery negative (-) cable, initialize the following system after the cable is reconnected:

System	See Procedure
Advanced Parking Guidance System	INFO

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 pedal travel (Out of adjustment)	INFO
	Parking brake cable (Sticking)	INFO
	Rear disc brake piston (Stuck)	INFO

ADJUSTMENT

1. INSPECT PARKING BRAKE PEDAL TRAVEL

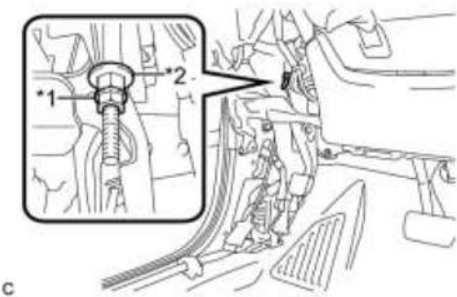
- (a) Fully depress the parking brake pedal to engage the parking brake.
- (b) Depress the pedal again to disengage the parking brake.
- (c) Slowly depress the parking brake pedal using the specified force, and count the number of clicks.



Parking brake pedal travel:
8 to 11 notches at 300 N (31 kgf, 67.5 lbf)
If the parking brake pedal travel is not as specified, adjust the parking brake pedal travel.

2. ADJUST PARKING BRAKE PEDAL TRAVEL

- (a) Remove the lower instrument panel finish panel assembly INFO.
- (b) Completely release the parking brake pedal.



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

Text in Illustration

*1	Lock Nut
*2	Adjusting Nut

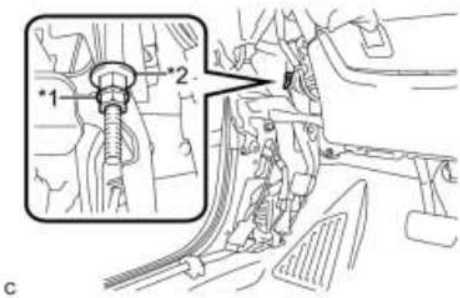
- (d) Turn the adjusting nut until the parking brake pedal travel is corrected to be within the specified range.

Parking brake pedal travel:
8 to 11 notches at 300 N (31 kgf, 67.5 lbf)

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

Text in Illustration

*1	Lock Nut
----	----------



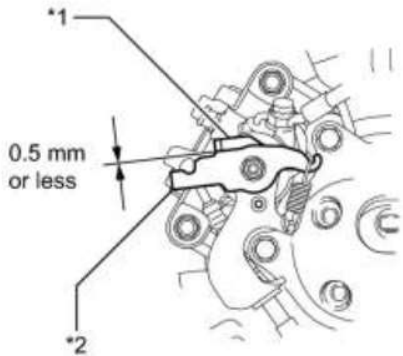
*2	Adjusting Nut
----	---------------

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

- (f) Operate the parking brake pedal 3 to 4 times, and check the parking brake pedal travel.
- (g) Check whether the parking brake drags or not.
- (h) Install the lower instrument panel finish panel assembly INFO.

3. INSPECT REAR DISC BRAKE CYLINDER OPERATION LEVER AND STOPPER CLEARANCE

- (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.



Text in Illustration

*1	Stopper
*2	Operation Lever

Clearance:

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 pedal, check that the brake warning light illuminates.

Standard:

The brake warning light always illuminates at the first click.