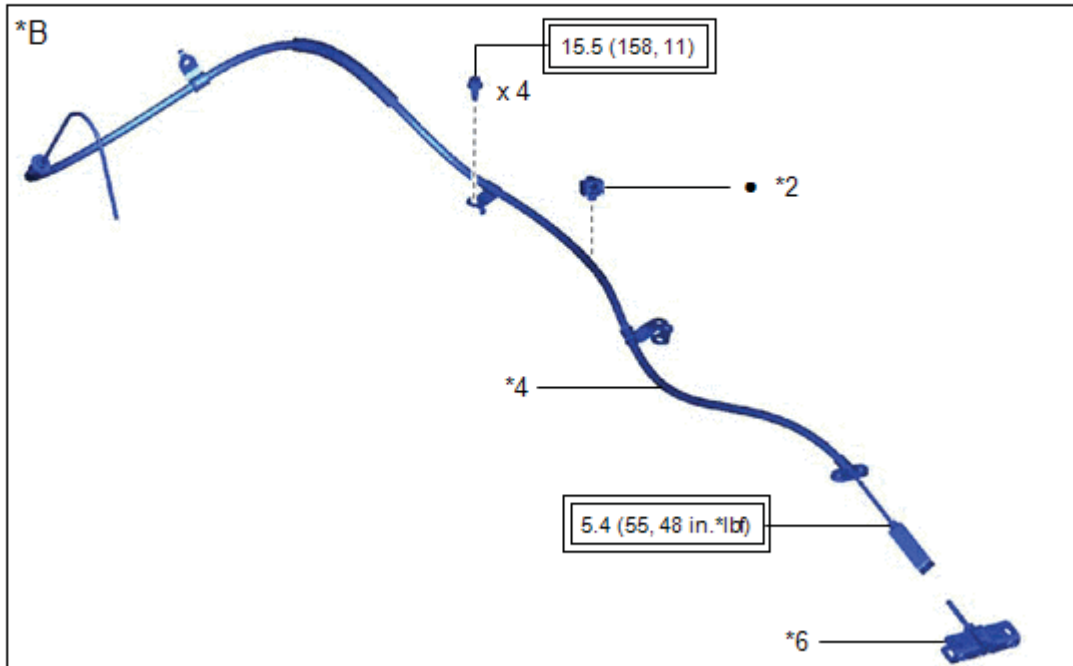
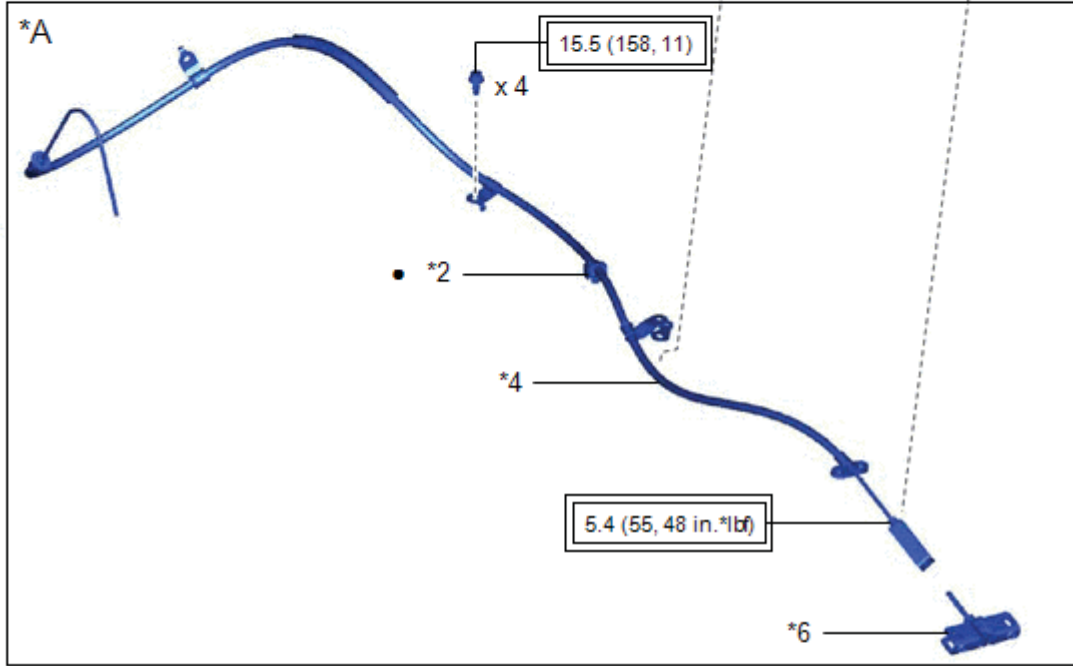
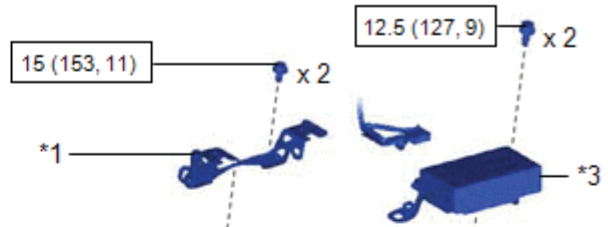




Last Modified: 01-14-2019	6.8:8.0.48	Doc ID: RM100000000QZGE
Model Year Start: 2016	Model: Prius	Prod Date Range: [11/2015 - 12/2018]
Title: PARKING BRAKE: PARKING BRAKE CABLE (for Front Side): COMPONENTS; 2016 - 2018 MY Prius [11/2015 - 12/2018]		

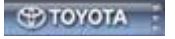
[COMPONENTS](#)

[ILLUSTRATION](#)



*A	for One-piece Type Front Parking Brake Cable Clamp	*B	for Separate Type Front Parking Brake Cable Clamp
*1	FRONT CONSOLE BOX MOUNTING BRACKET	*2	FRONT PARKING BRAKE CABLE CLAMP

*3	INVERTER BATTERY	*4	NO. 1 PARKING BRAKE CABLE ASSEMBLY
*5	PARKING BRAKE PEDAL ASSEMBLY	*6	NO. 1 PARKING BRAKE PULL ROD SUB-ASSEMBLY
	Tightening torque for "Major areas involving basic vehicle performance such as moving/turning/stopping" : N*m (kgf*cm, ft.*lbf)		N*m (kgf*cm, ft.*lbf): Specified torque
•	Non-reusable part	-	-



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6.8:8.0.48

Doc ID: RM100000000QZGD

Model Year Start: 2016

Model: Prius

Prod Date Range: [11/2015 - 12/2018]

Title: PARKING BRAKE: PARKING BRAKE CABLE (for Front Side): INSTALLATION; 2016 - 2018 MY Prius [11/2015 - 12/2018]

INSTALLATION

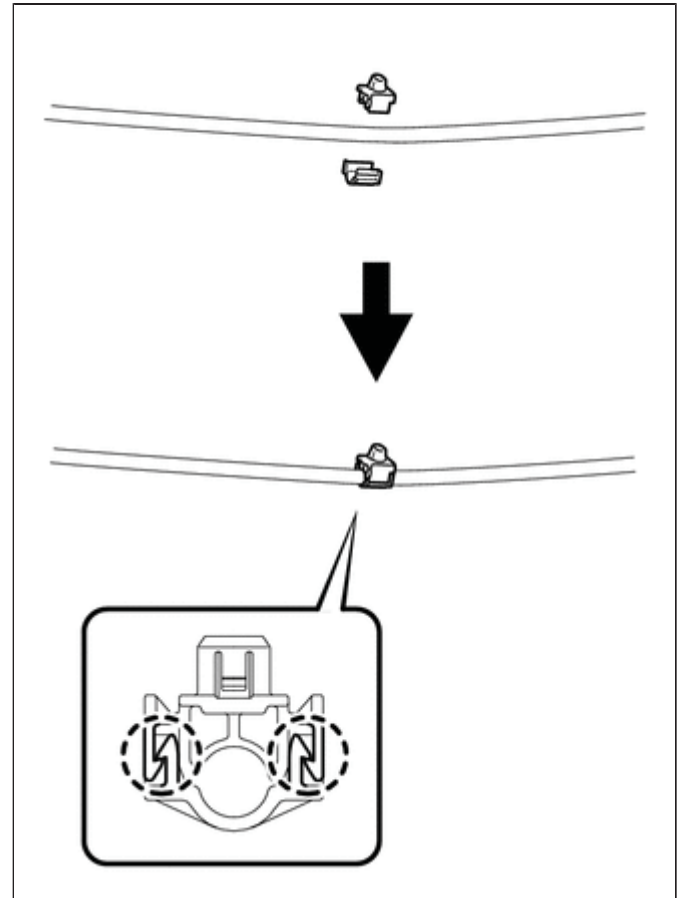
PROCEDURE

1. INSTALL FRONT PARKING BRAKE CABLE CLAMP

- (a) Engage the 2 claws to install a new front parking brake cable clamp to the No. 1 parking brake cable assembly.

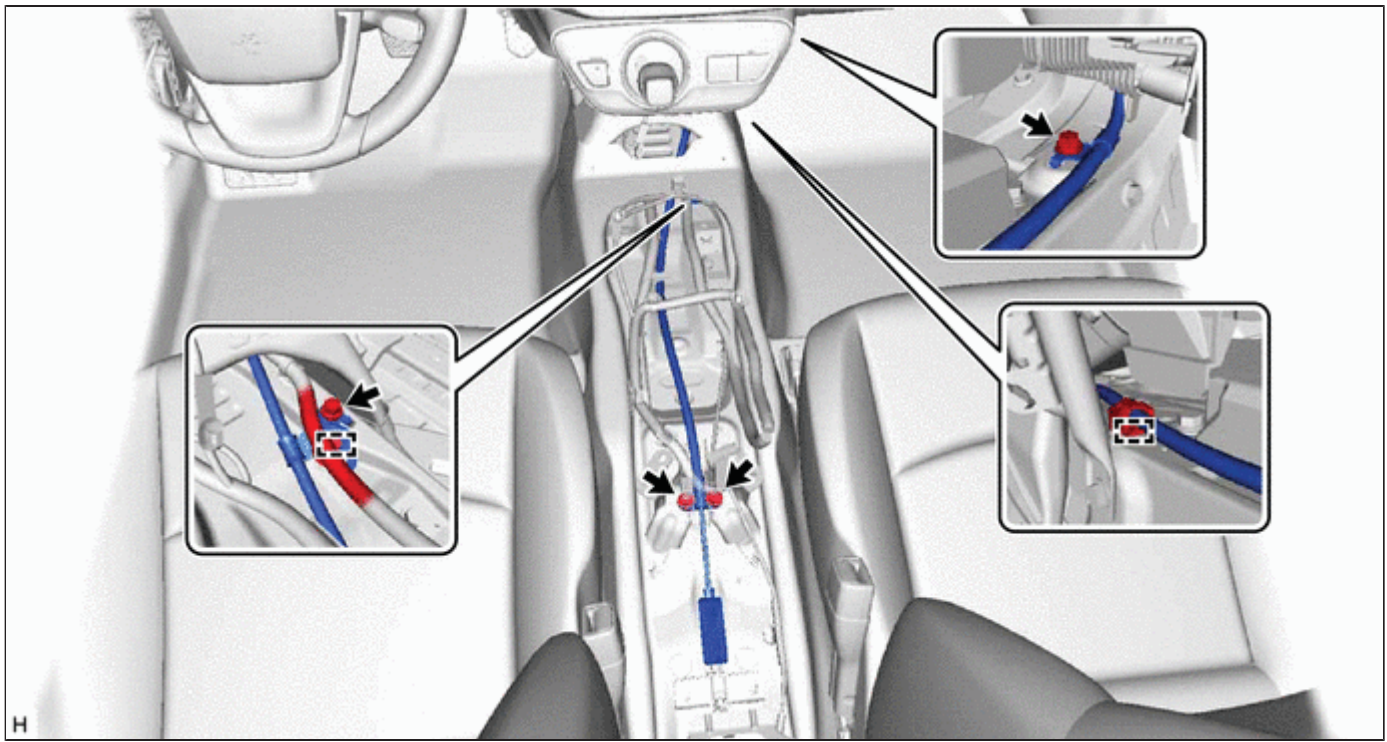
HINT:

Even if a one-piece type front parking brake cable clamp was originally installed, make sure to install a separate type front parking brake cable clamp.



2. INSTALL NO. 1 PARKING BRAKE CABLE ASSEMBLY

- (a) Install the No. 1 parking brake cable assembly with the 4 bolts.



Torque:

15.5 N·m { 158 kgf·cm, 11 ft·lbf }

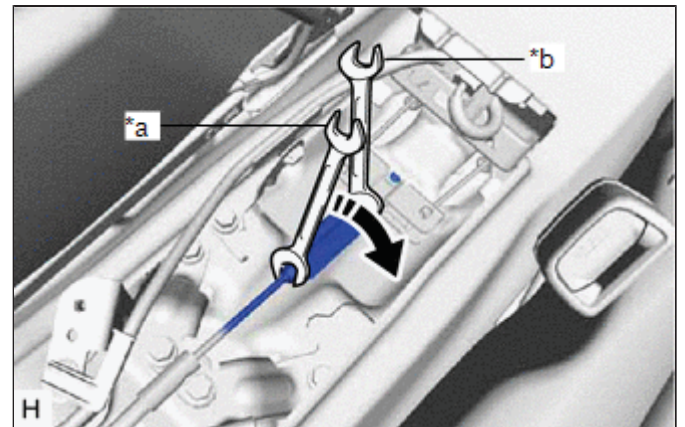
(b) Engage the 2 clamps.

3. CONNECT NO. 1 PARKING BRAKE CABLE ASSEMBLY

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

Torque:

5.4 N·m { 55 kgf·cm, 48 in·lbf }



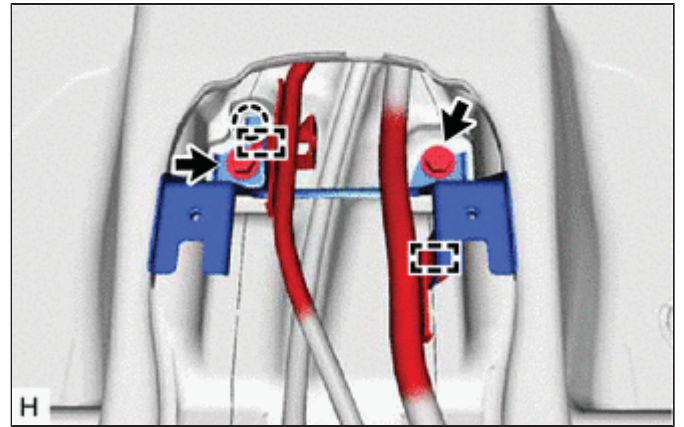
*a	Turn
*b	Hold

4. INSTALL INVERTER BATTERY

Click here [INFO](#)

5. INSTALL FRONT CONSOLE BOX MOUNTING BRACKET

(a) Engage the claw.



(b) Install the front console box mounting bracket with the 2 bolts.

Torque:

15 N·m {153 kgf·cm, 11 ft·lbf}

(c) Engage the 2 clamps.

6. INSTALL PARKING BRAKE PEDAL ASSEMBLY

Click here [INFO](#)







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Model Year Start: 2016	Model: Prius	Prod Date Range: [11/2015 - 12/2018]
Title: PARKING BRAKE: PARKING BRAKE CABLE (for Front Side): REMOVAL; 2016 - 2018 MY Prius [11/2015 - 12/2018]		

REMOVAL

CAUTION / NOTICE / HINT

The necessary procedures (adjustment, calibration, initialization, or registration) that must be performed after parts are removed and installed, or replaced during No. 1 parking brake cable assembly removal/installation are shown below.

Necessary Procedures After Parts Removed/Installed/Replaced

REPLACED PART OR PERFORMED PROCEDURE	NECESSARY PROCEDURE	EFFECT/INOPERATIVE FUNCTION WHEN NECESSARY PROCEDURE NOT PERFORMED	LINK
Auxiliary battery terminal is disconnected/reconnected	Memorize steering angle neutral point	Lane departure alert system (w/ Steering Control)	
		Intelligent clearance sonar system	
		Simple advanced parking guidance system	
		Pre-collision system	
	Initialize back door lock	Power door lock control system	
Replacement of brake pedal stroke sensor assembly	<ol style="list-style-type: none"> 1. Clear the data stored during previous linear solenoid valve offset learning, ABS holding solenoid valve learning, brake pedal stroke sensor assembly zero point calibration and system information memorization. 2. Perform linear solenoid valve offset learning, ABS holding solenoid valve learning, brake pedal stroke sensor assembly zero point calibration and system information memorization. 	<ul style="list-style-type: none"> • DTCs are stored • ABS warning light illuminates • Brake warning light / yellow (minor malfunction) illuminates • Slip indicator light illuminates • VSC disabled or malfunctions 	<p>for Initialization:</p>  <p>for calibration:</p> 

NOTICE:

While the auxiliary battery is connected, even if the power switch is off, the brake control system activates when the

brake pedal is depressed or any door courtesy switch turns on. Therefore, when servicing the brake system components, do not operate the brake pedal or open/close the doors while the auxiliary battery is connected.

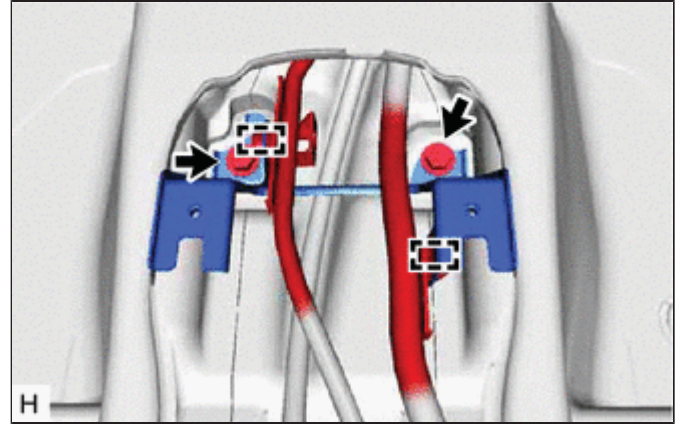
PROCEDURE

1. REMOVE PARKING BRAKE PEDAL ASSEMBLY

Click here [INFO](#)

2. REMOVE FRONT CONSOLE BOX MOUNTING BRACKET

(a) Disengage the 2 clamps.



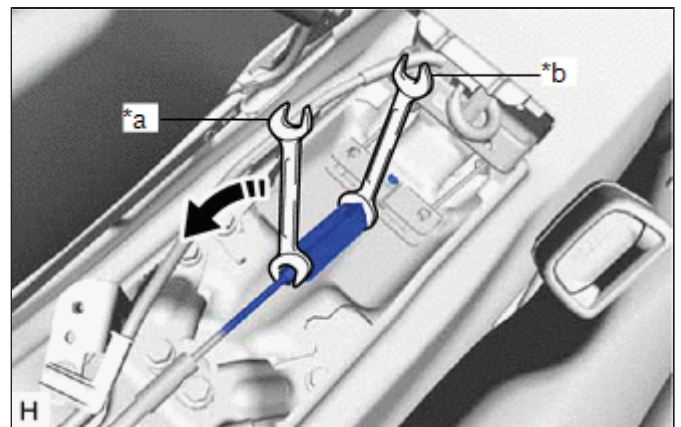
(b) Remove the 2 bolts and front console box mounting bracket.

3. REMOVE INVERTER BATTERY

Click here [INFO](#)

4. SEPARATE NO. 1 PARKING BRAKE CABLE ASSEMBLY

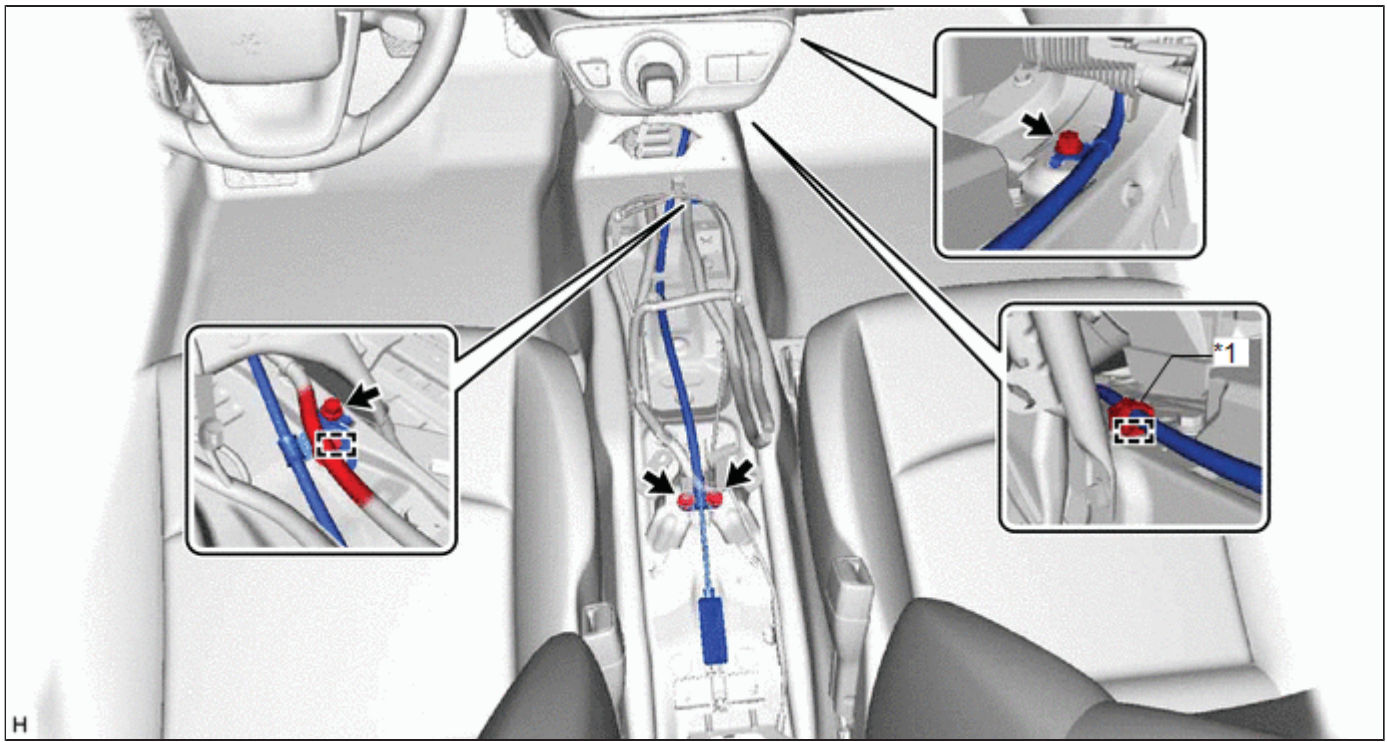
(a) Separate the No. 1 parking brake cable assembly from the No. 1 parking brake pull rod sub-assembly as shown in the illustration.



*a	Turn
*b	Hold

5. REMOVE NO. 1 PARKING BRAKE CABLE ASSEMBLY

(a) Disengage the 2 clamps.



*1	Front Parking Brake Cable Clamp	-	-
----	---------------------------------	---	---

HINT:
 The front parking brake cable clamp cannot be reused once removed. Make sure to remove it from the No. 1 parking brake cable clamp assembly.

(b) Remove the 4 bolts and No. 1 parking brake cable assembly.

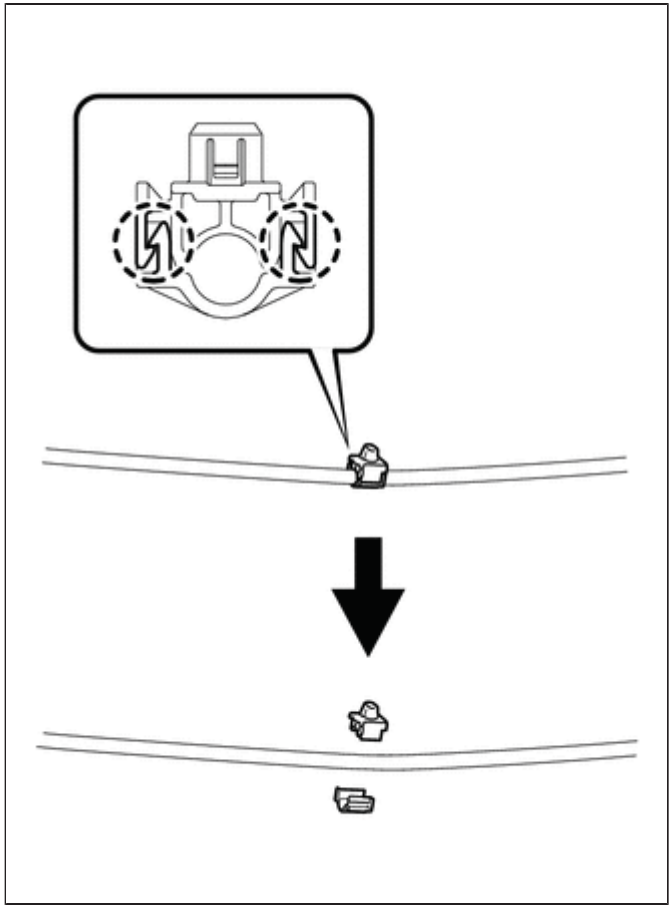
6. REMOVE FRONT PARKING BRAKE CABLE CLAMP

(a) for One-piece type front parking brake cable clamp:

(1) Using pliers or equivalent, disconnect the front parking brake cable clamp and remove it from the No. 1 parking brake cable assembly.

(b) for Separate type front parking brake cable clamp:

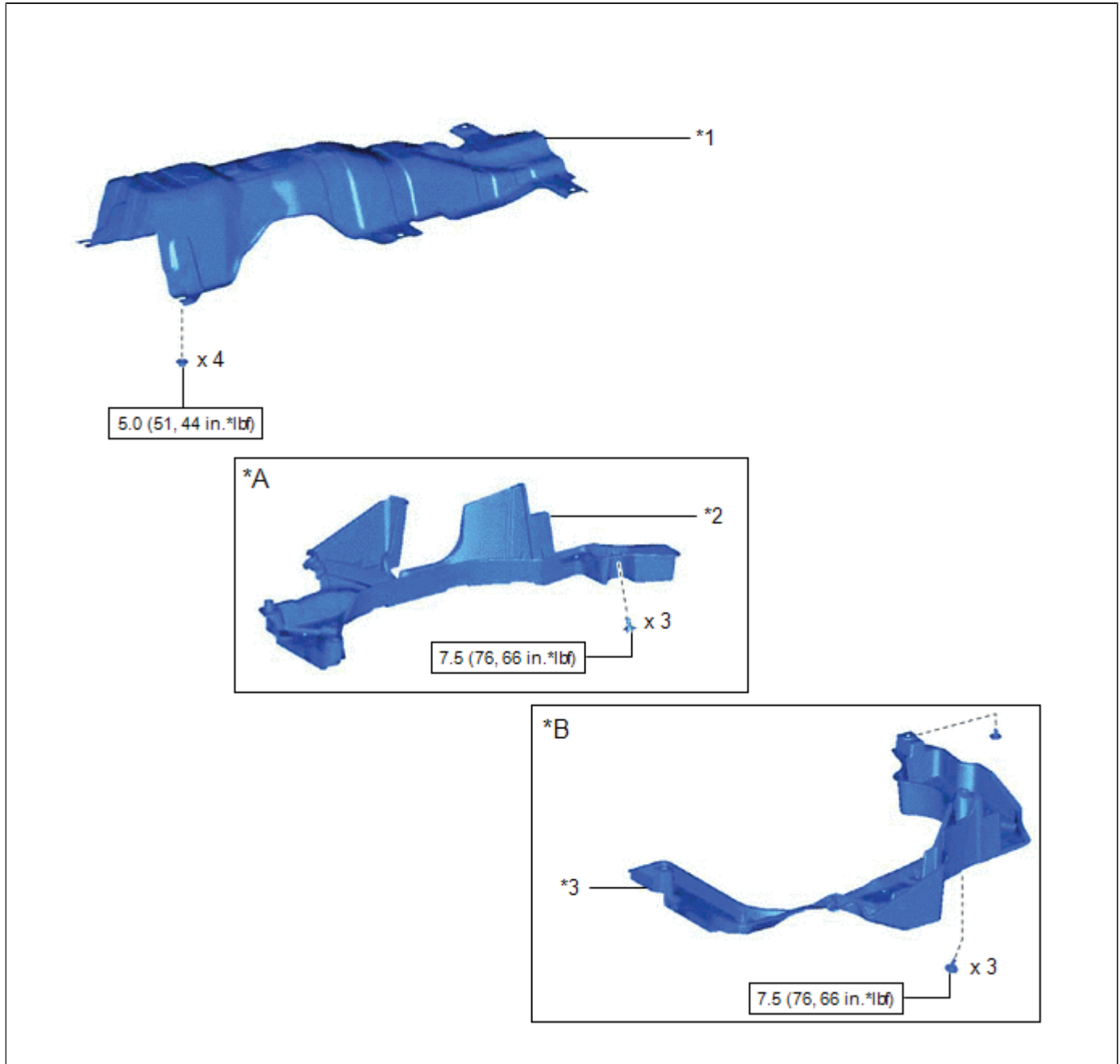
(1) Disengage the 2 claws to remove the front parking brake cable clamp from the No. 1 parking brake cable assembly.




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Title: PARKING BRAKE: PARKING BRAKE CABLE (for Rear Side): COMPONENTS; 2016 - 2017 MY Prius [11/2015 - 11/2017]		

COMPONENTS

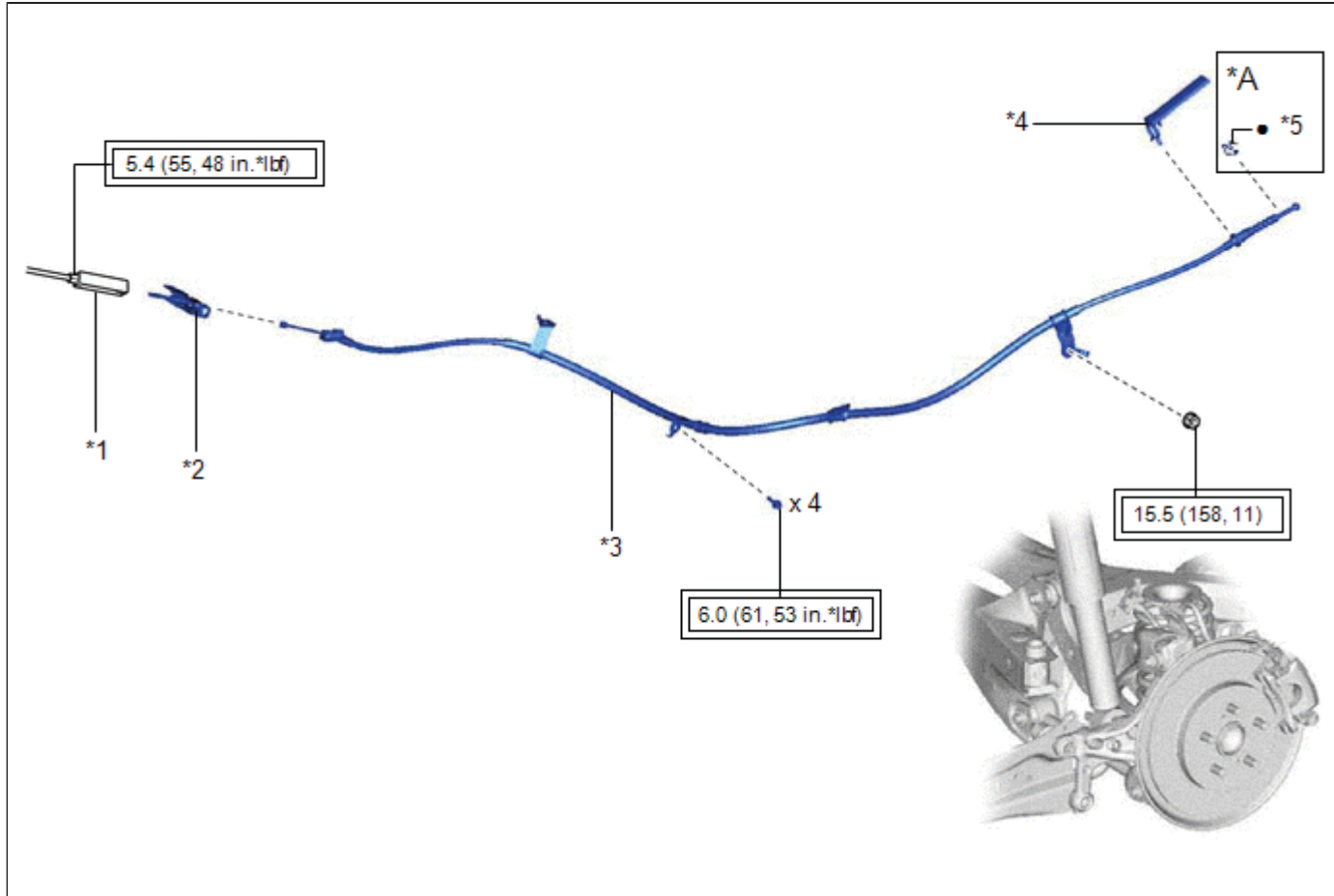
ILLUSTRATION




*A	for RH Side	*B	for LH Side
*1	FRONT NO. 2 FLOOR HEAT INSULATOR	*2	NO. 1 FLOOR UNDER COVER ASSEMBLY

*3	REAR FLOOR SIDE MEMBER COVER LH	-	-
	N*m (kgf*cm, ft.*lbf): Specified torque	-	-

ILLUSTRATION



*A	w/ Clip	-	-
*1	NO. 1 PARKING BRAKE CABLE ASSEMBLY	*2	NO. 1 PARKING BRAKE PULL ROD SUB-ASSEMBLY
*3	NO. 3 PARKING BRAKE CABLE ASSEMBLY	*4	PARKING BRAKE LEVER PROTECTOR
*5	CLIP	-	-
	Tightening torque for "Major areas involving basic vehicle performance such as moving/turning/stopping" : N*m (kgf*cm, ft.*lbf)	•	Non-reusable part

Last Modified: 01-14-2019	6.8:8.0.48	Doc ID: RM100000000QZGO
Model Year Start: 2016	Model: Prius	Prod Date Range: [11/2015 - 11/2017]
Title: PARKING BRAKE: PARKING BRAKE CABLE (for Rear Side): INSTALLATION; 2016 - 2017 MY Prius [11/2015 - 11/2017]		

INSTALLATION

CAUTION / NOTICE / HINT

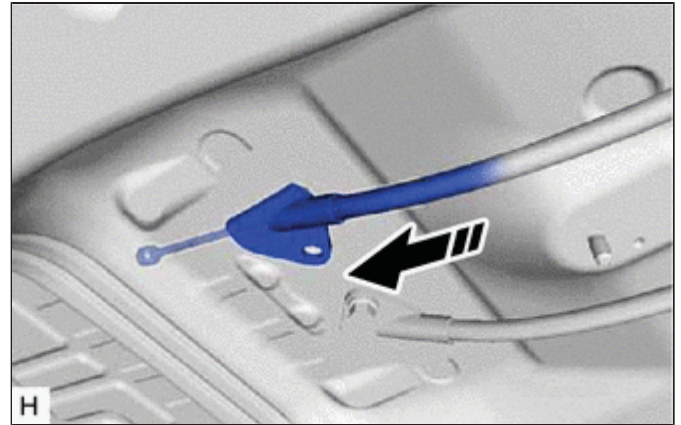
HINT:

Use the same procedure for the No. 2 parking brake cable assembly and No. 3 parking brake cable assembly.

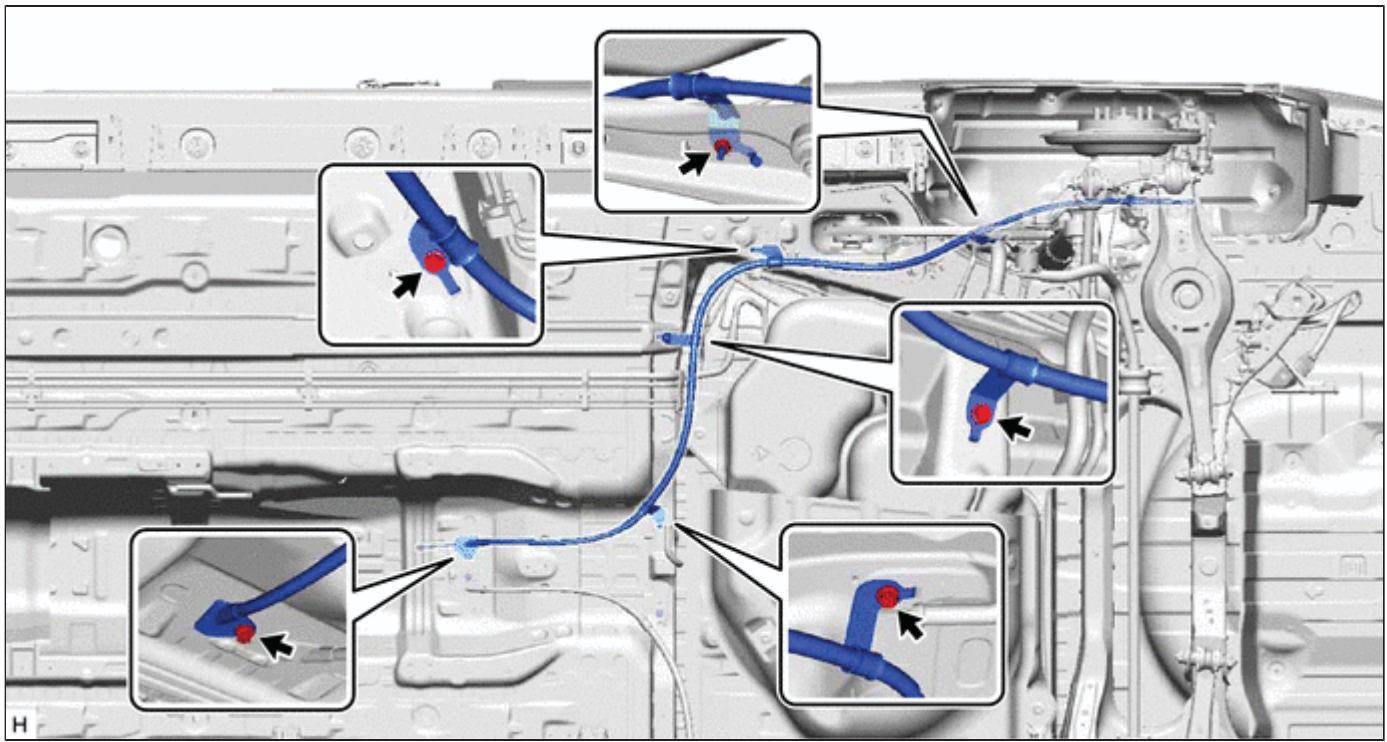
PROCEDURE

1. INSTALL NO. 3 PARKING BRAKE CABLE ASSEMBLY

- (a) Insert the No. 3 parking brake cable assembly into the vehicle body.



- (b) Install the No. 3 parking brake cable assembly with the 4 bolts and nut.



Torque:

Bolt :

6.0 N·m { 61 kgf·cm, 53 in·lbf }

Nut :

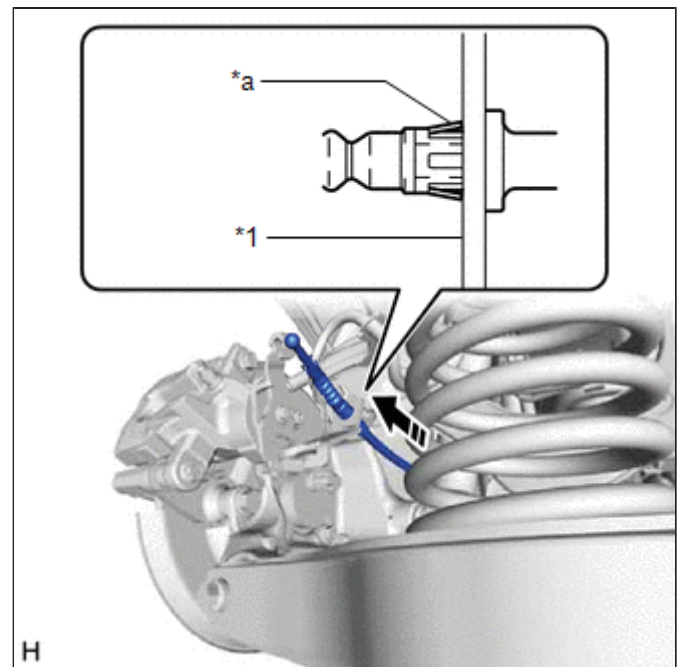
15.5 N·m { 158 kgf·cm, 11 ft·lbf }

(c) w/ Clip:

(1) Engage the clip to install the No. 3 parking brake cable assembly to the rear disc brake cylinder assembly.

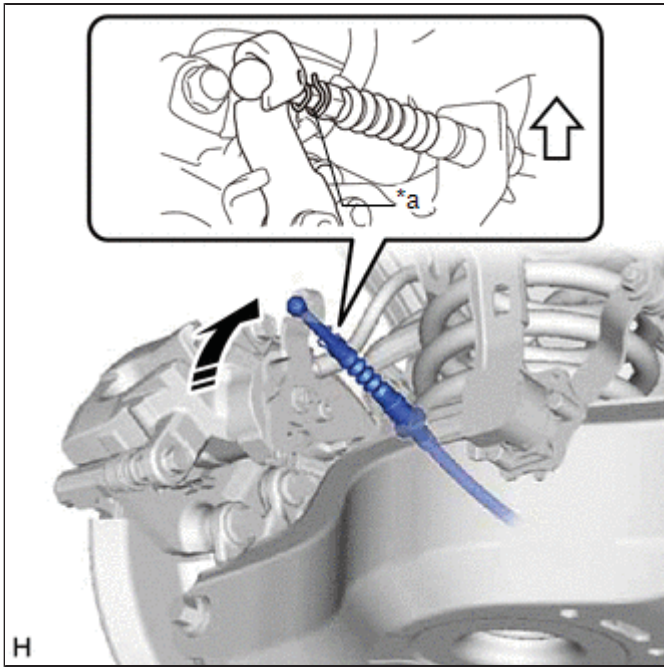
NOTICE:


Be sure to engage the clip to the rear disc brake cylinder assembly as shown in the illustration.



*1	Rear Disc Brake Cylinder Assembly
*a	Clip

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



*a	Clip
	Upper Side

NOTICE:

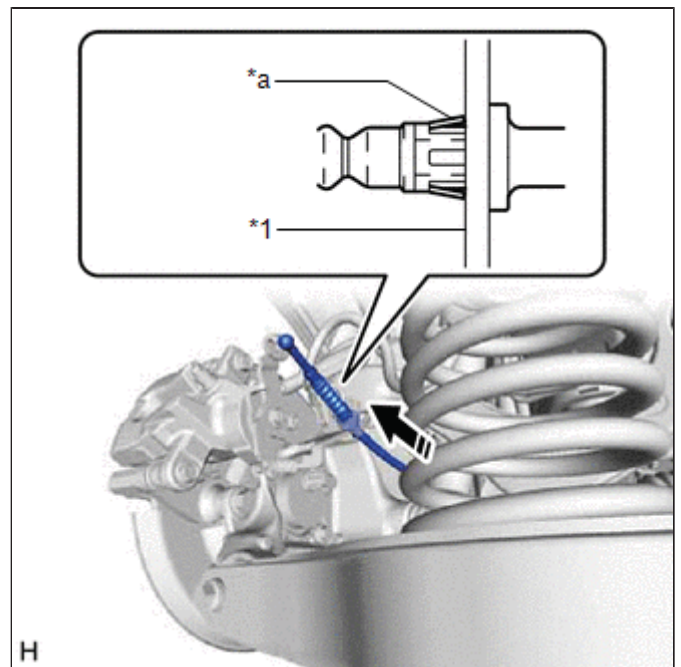
- Do not remove the clip from the No. 3 parking brake cable assembly.
- If the clip is removed from the No. 3 parking brake cable assembly, make sure to replace it with a new one.
- When engaging the clip, make sure that the open end of the clip is facing upward.

(d) w/o Clip:

(1) Engage the clip to install the No. 3 parking brake cable assembly to the rear disc brake cylinder assembly.

NOTICE:

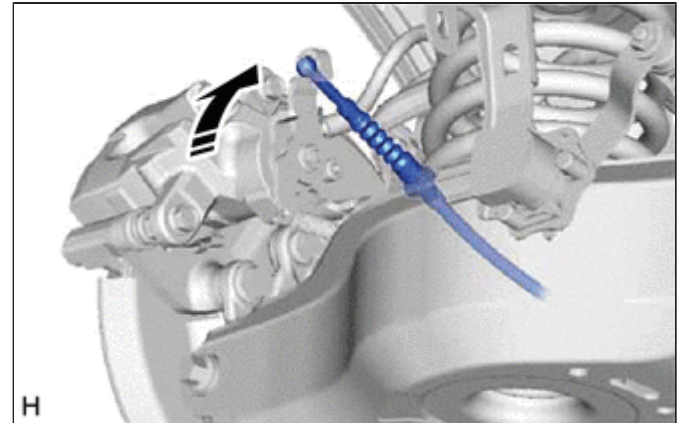
Be sure to engage the clip to the rear disc brake cylinder assembly as shown in the illustration.



*1	Rear Disc Brake Cylinder Assembly
----	-----------------------------------

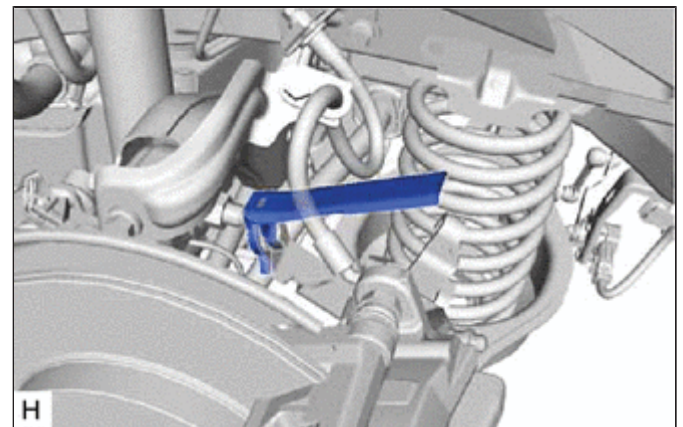
*a	Clip
----	------

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



2. INSTALL PARKING BRAKE LEVER PROTECTOR

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



3. INSTALL REAR FLOOR SIDE MEMBER COVER LH (for LH Side)

Click here [INFO](#)

4. INSTALL NO. 1 FLOOR UNDER COVER ASSEMBLY (for RH Side)

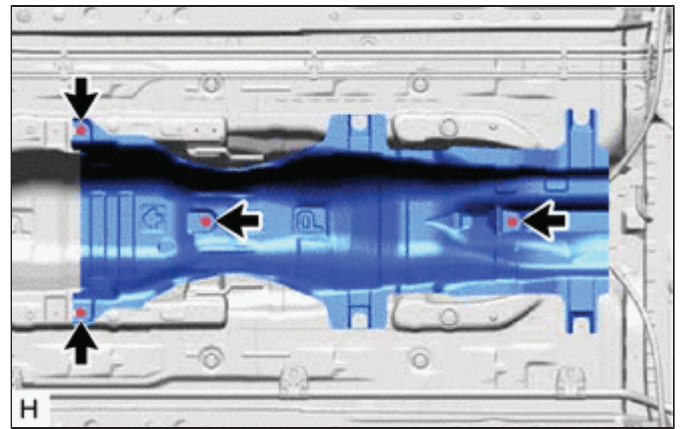
Click here [INFO](#)

5. INSTALL FRONT NO. 2 FLOOR HEAT INSULATOR

(a) Install the front No. 2 floor heat insulator with the 4 nuts.

Torque:

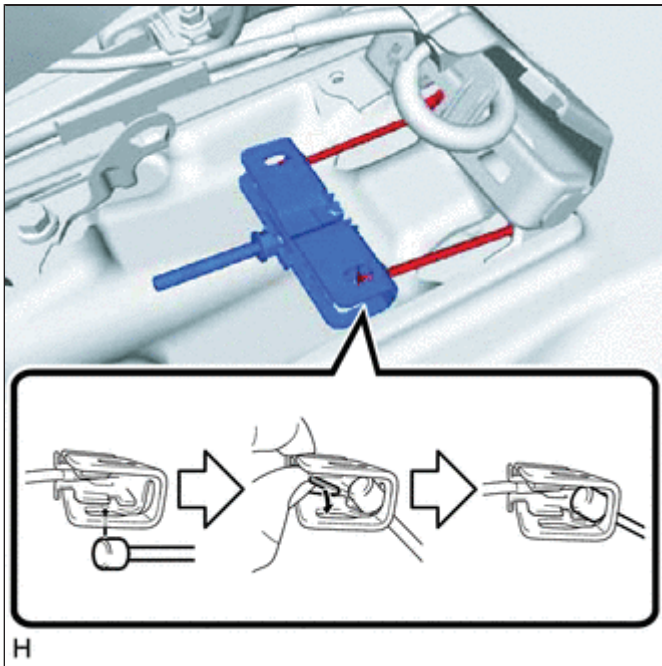
5.0 N·m {51 kgf·cm, 44 in·lbf}



6. INSTALL FRONT EXHAUST PIPE ASSEMBLY (TWC: Rear Catalyst)

Click here [INFO](#)

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



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

8. CONNECT NO. 1 PARKING BRAKE CABLE ASSEMBLY

Click here [INFO](#)

9. INSTALL REAR CONSOLE BOX ASSEMBLY

Click here [INFO](#)

10. INSPECT PARKING BRAKE PEDAL TRAVEL

Click here [INFO](#)

11. ADJUST PARKING BRAKE PEDAL TRAVEL

Click here [INFO](#)



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Model Year Start: 2016	Model: Prius	Prod Date Range: [11/2015 - 11/2017]
Title: PARKING BRAKE: PARKING BRAKE CABLE (for Rear Side): REMOVAL; 2016 - 2017 MY Prius [11/2015 - 11/2017]		

REMOVAL

CAUTION / NOTICE / HINT

The necessary procedures (adjustment, calibration, initialization, or registration) that must be performed after parts are removed and installed, or replaced during No. 3 parking brake cable assembly removal/installation are shown below.

Necessary Procedures After Parts Removed/Installed/Replaced

REPLACED PART OR PERFORMED PROCEDURE	NECESSARY PROCEDURE	EFFECT/INOPERATIVE FUNCTION WHEN NECESSARY PROCEDURE NOT PERFORMED	LINK
<ul style="list-style-type: none"> Replacement of heated oxygen sensor Gas leak from exhaust system is repaired 	Inspection after repair	<ul style="list-style-type: none"> Poor idle, etc. Engine start function, etc. 	INFO

CAUTION:

To prevent burns, do not touch the engine, exhaust pipe or other high temperature components while the engine is hot.



HINT:

Use the same procedure for the No. 2 parking brake cable assembly and No. 3 parking brake cable assembly.

PROCEDURE

1. LOOSEN NO. 1 WIRE ADJUSTING NUT

Click here [INFO](#)

2. REMOVE REAR CONSOLE BOX ASSEMBLY

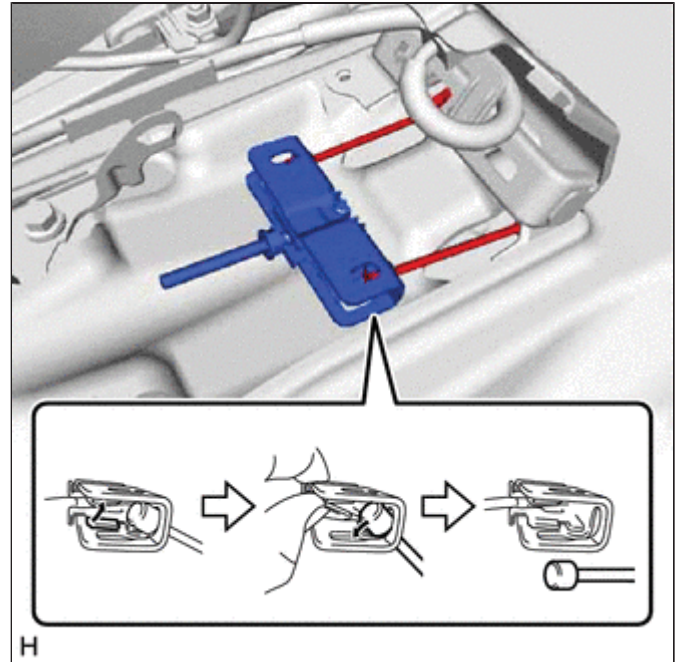
Click here [INFO](#)

3. SEPARATE NO. 1 PARKING BRAKE CABLE ASSEMBLY

Click here [INFO](#)

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

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

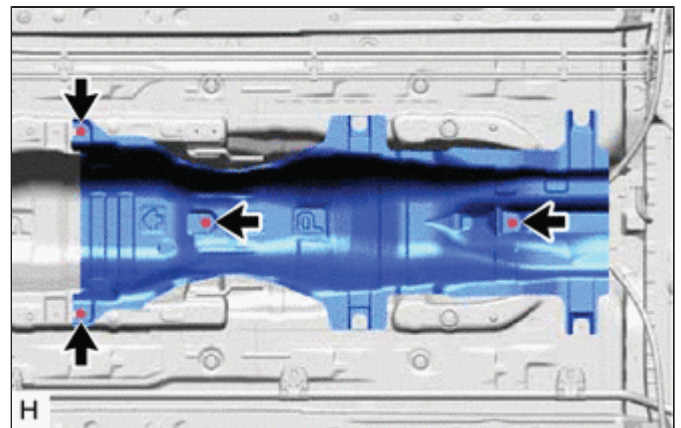


5. REMOVE FRONT EXHAUST PIPE ASSEMBLY (TWC: Rear Catalyst)

Click here [INFO](#)

6. REMOVE FRONT NO. 2 FLOOR HEAT INSULATOR

- (a) Remove the 4 nuts and front No. 2 floor heat insulator.



7. REMOVE REAR FLOOR SIDE MEMBER COVER LH (for LH Side)

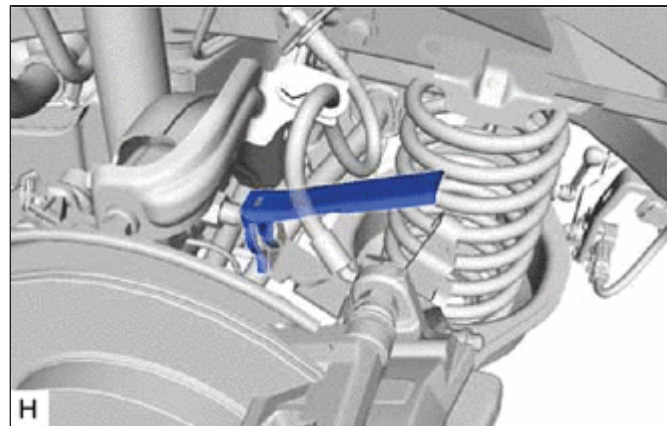
Click here [INFO](#)

8. REMOVE NO. 1 FLOOR UNDER COVER ASSEMBLY (for RH Side)

Click here [INFO](#)

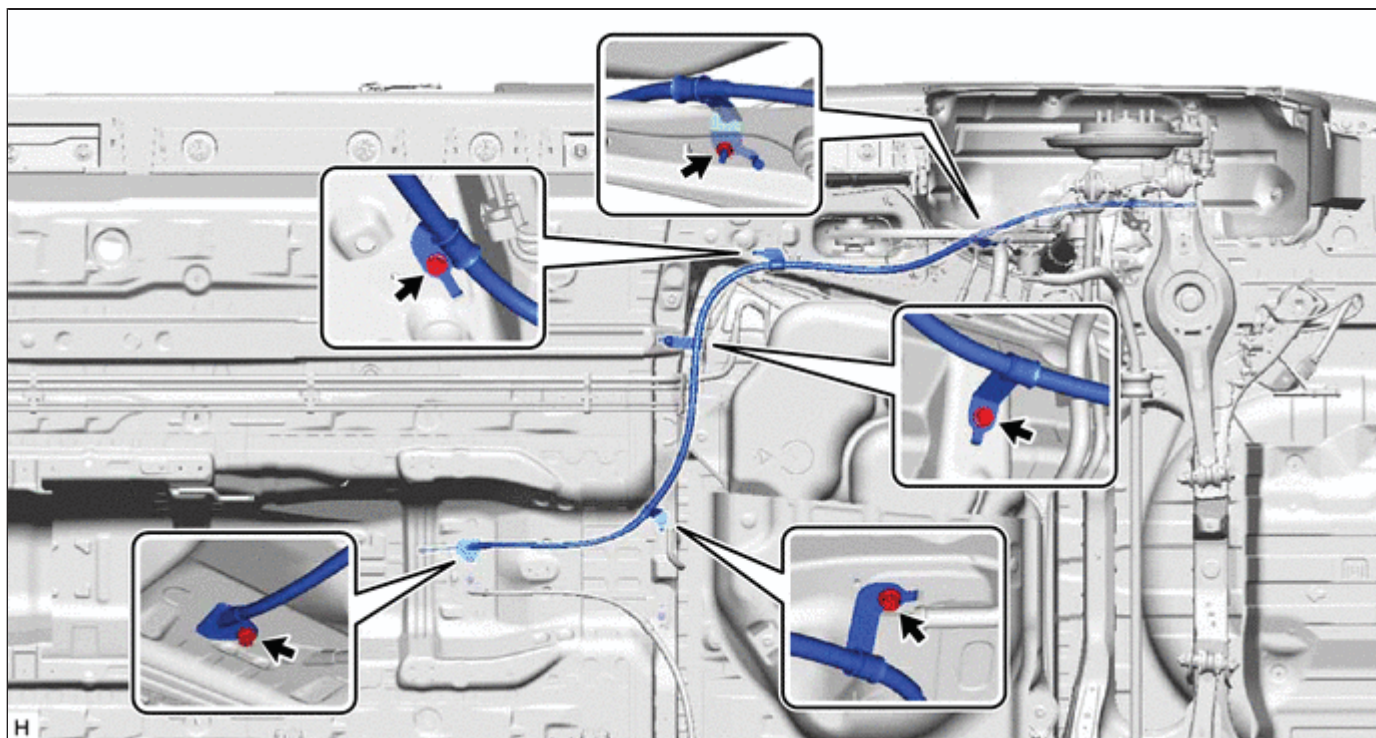
9. REMOVE PARKING BRAKE LEVER PROTECTOR

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

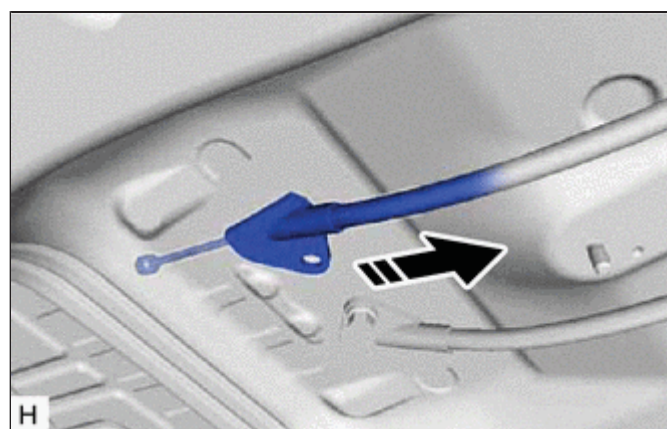


10. REMOVE NO. 3 PARKING BRAKE CABLE ASSEMBLY

- (a) Remove the 4 bolts and nut, and separate the No. 3 parking brake cable assembly.



- (b) Pull out the No. 3 parking brake cable assembly to the outside of the vehicle body.

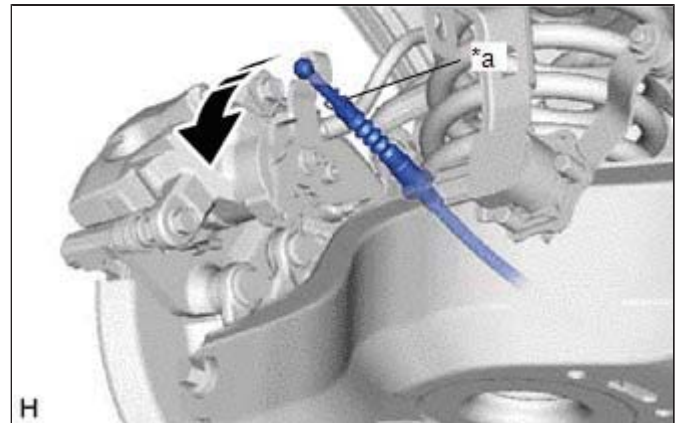


(c) w/ Clip:

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

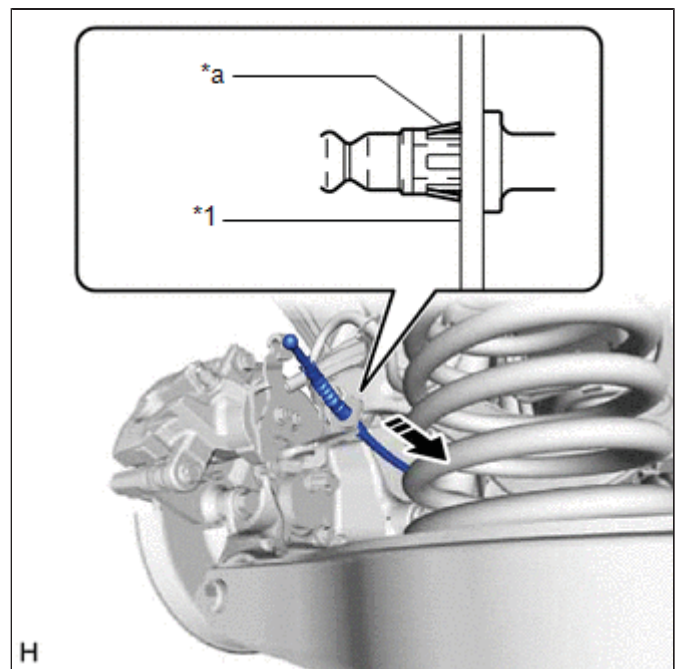
NOTICE:

- Do not remove the clip from the No. 3 parking brake cable assembly.
- If the clip is removed from the No. 3 parking brake cable assembly, make sure to replace it with a new one.



*a	Clip
----	------

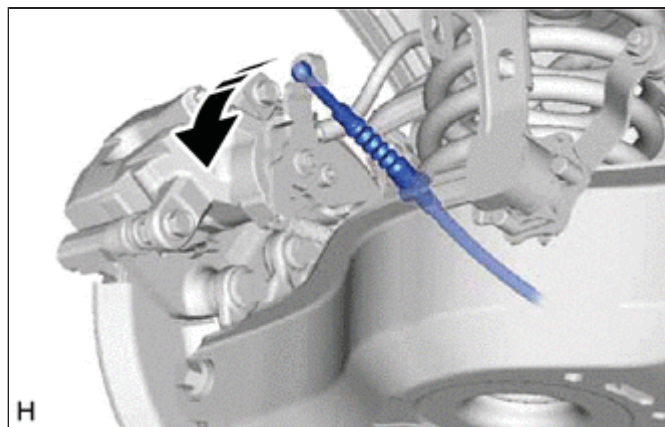
(2) Disengage the clip and remove the No. 3 parking brake cable assembly.



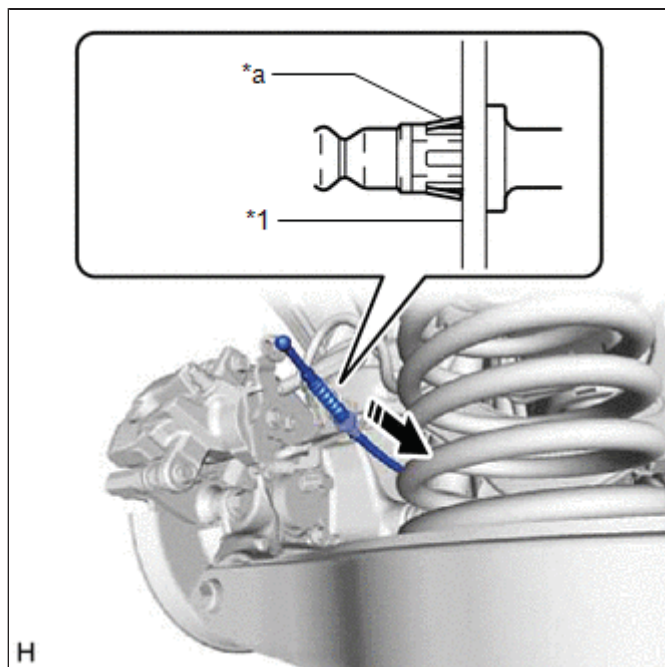
*1	Rear Disc Brake Cylinder Assembly
*a	Clip

(d) w/o Clip:

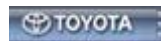
(1) Separate the No. 3 parking brake cable assembly from the rear disc brake cylinder assembly.



(2) Disengage the clip and remove the No. 3 parking brake cable assembly.



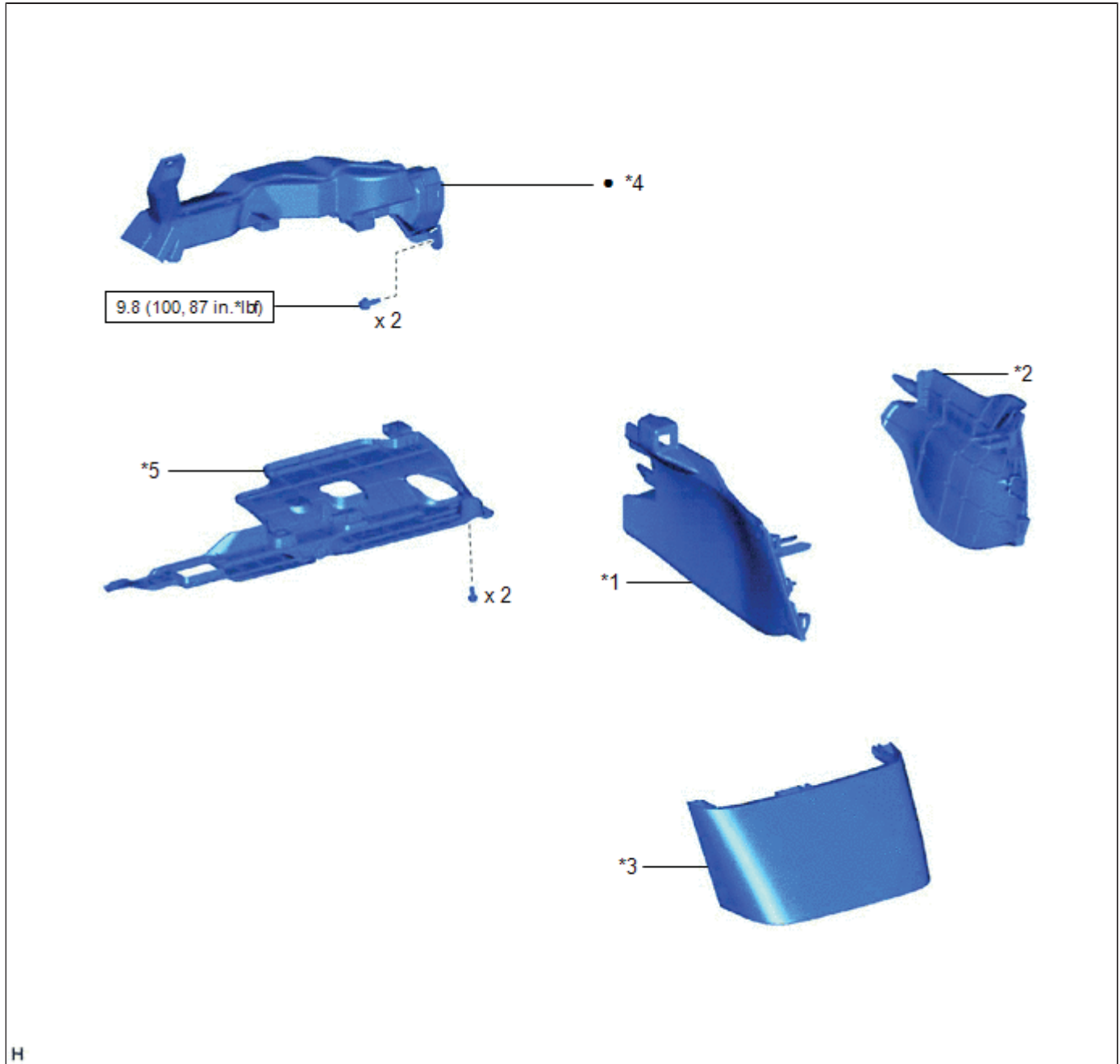
*1	Rear Disc Brake Cylinder Assembly
*a	Clip




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Model Year Start: 2016	Model: Prius	Prod Date Range: [11/2015 -]
Title: PARKING BRAKE: PARKING BRAKE PEDAL: COMPONENTS; 2016 - 2019 MY Prius [11/2015 -]		

COMPONENTS

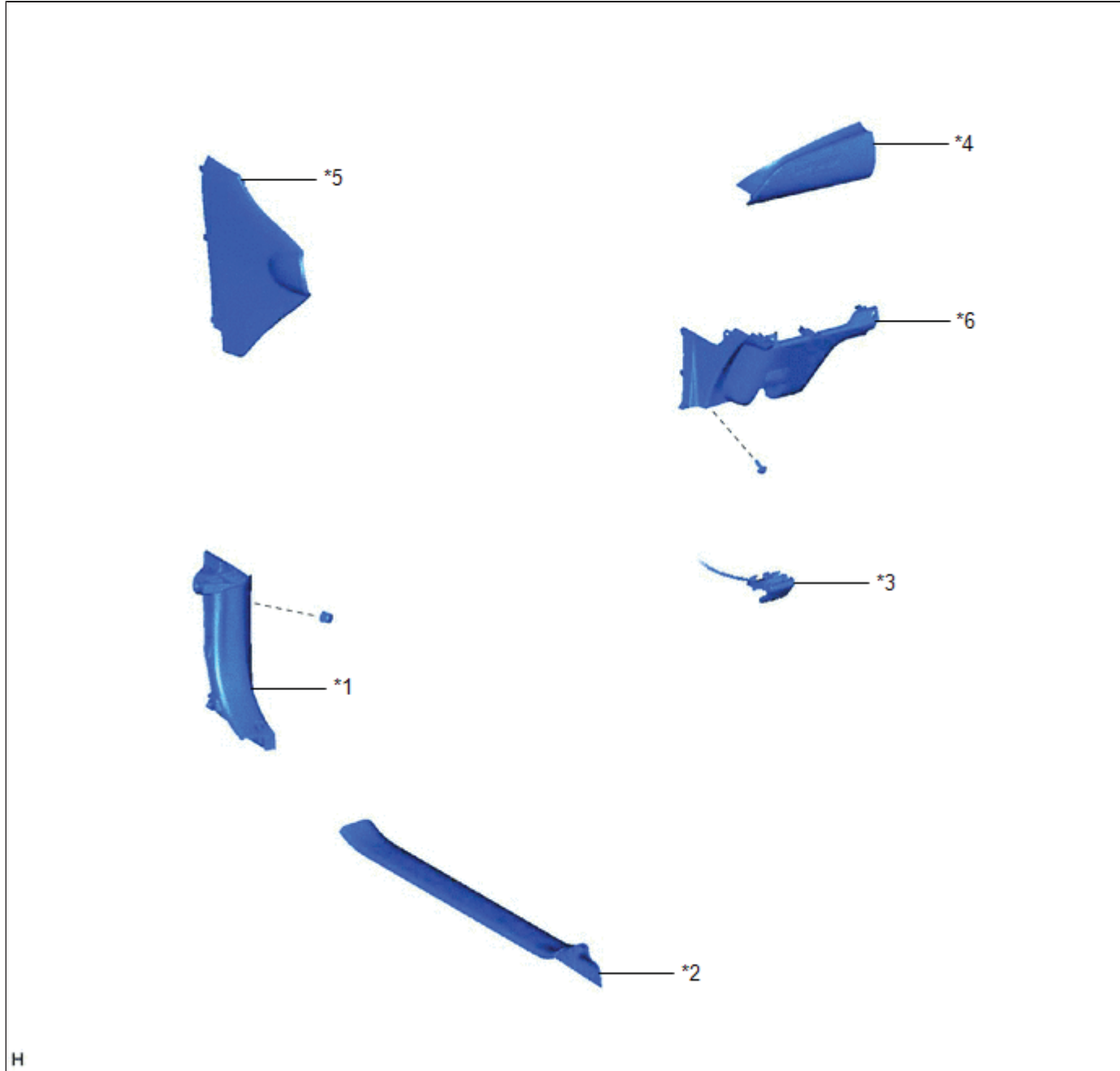
ILLUSTRATION



*1	FRONT NO. 1 CONSOLE BOX INSERT	*2	FRONT NO. 2 CONSOLE BOX INSERT
*3	LOWER CENTER INSTRUMENT CLUSTER FINISH PANEL SUB-ASSEMBLY	*4	NO. 1 AIR DUCT

*5	NO. 1 INSTRUMENT PANEL UNDER COVER SUB-ASSEMBLY	-	-
	N*m (kgf*cm, ft.*lbf): Specified torque	•	Non-reusable part

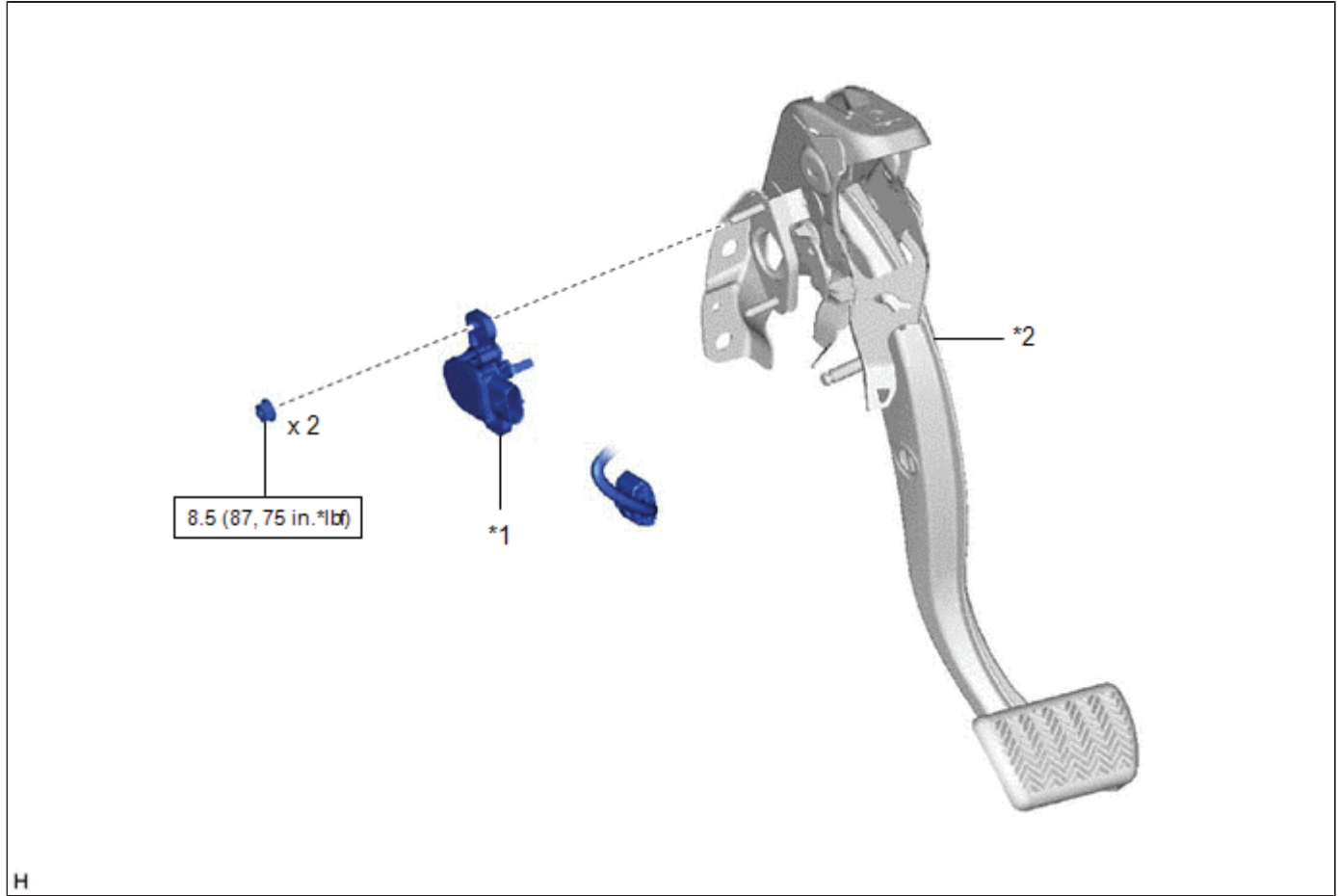
ILLUSTRATION



*1	COWL SIDE TRIM BOARD LH	*2	FRONT DOOR SCUFF PLATE LH
*3	HOOD LOCK CONTROL LEVER SUB-ASSEMBLY	*4	INSTRUMENT CLUSTER FINISH PANEL GARNISH ASSEMBLY

*5	INSTRUMENT PANEL FINISH PANEL END LH	*6	LOWER INSTRUMENT PANEL FINISH PANEL ASSEMBLY
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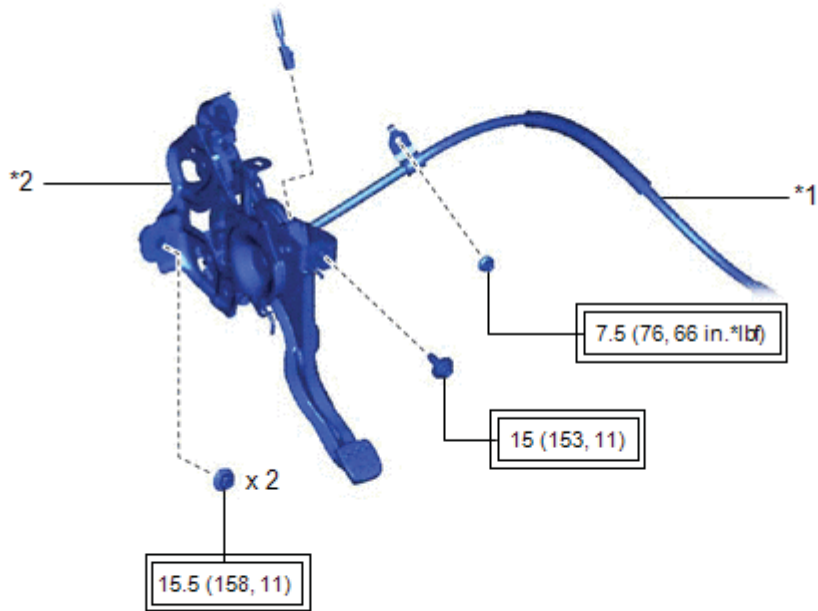
ILLUSTRATION




H

*1	BRAKE PEDAL STROKE SENSOR ASSEMBLY	*2	BRAKE PEDAL SUPPORT ASSEMBLY
<div style="border: 1px solid black; width: 40px; height: 20px; margin: 0 auto;"></div>	N*m (kgf*cm, ft.*lbf): Specified torque	-	-

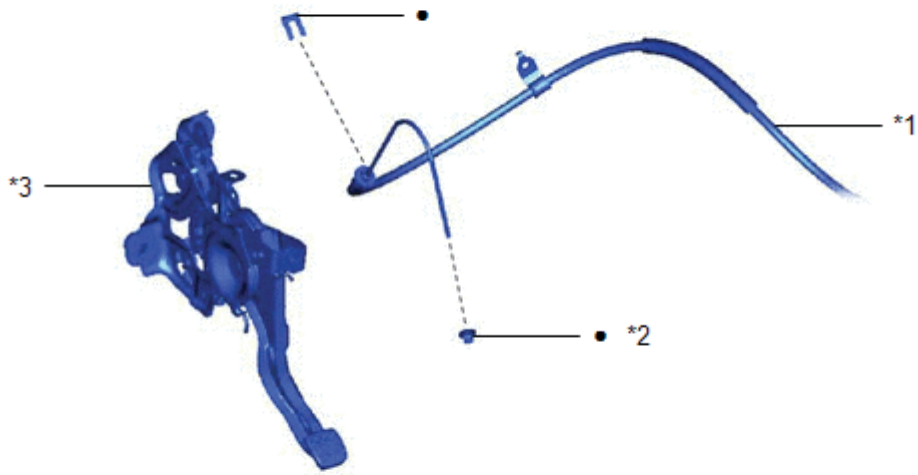
ILLUSTRATION



H

*1	NO. 1 PARKING BRAKE CABLE ASSEMBLY	*2	PARKING BRAKE PEDAL ASSEMBLY
	Tightening torque for "Major areas involving basic vehicle performance such as moving/turning/stopping" : N*m (kgf*cm, ft.*lbf)	-	-

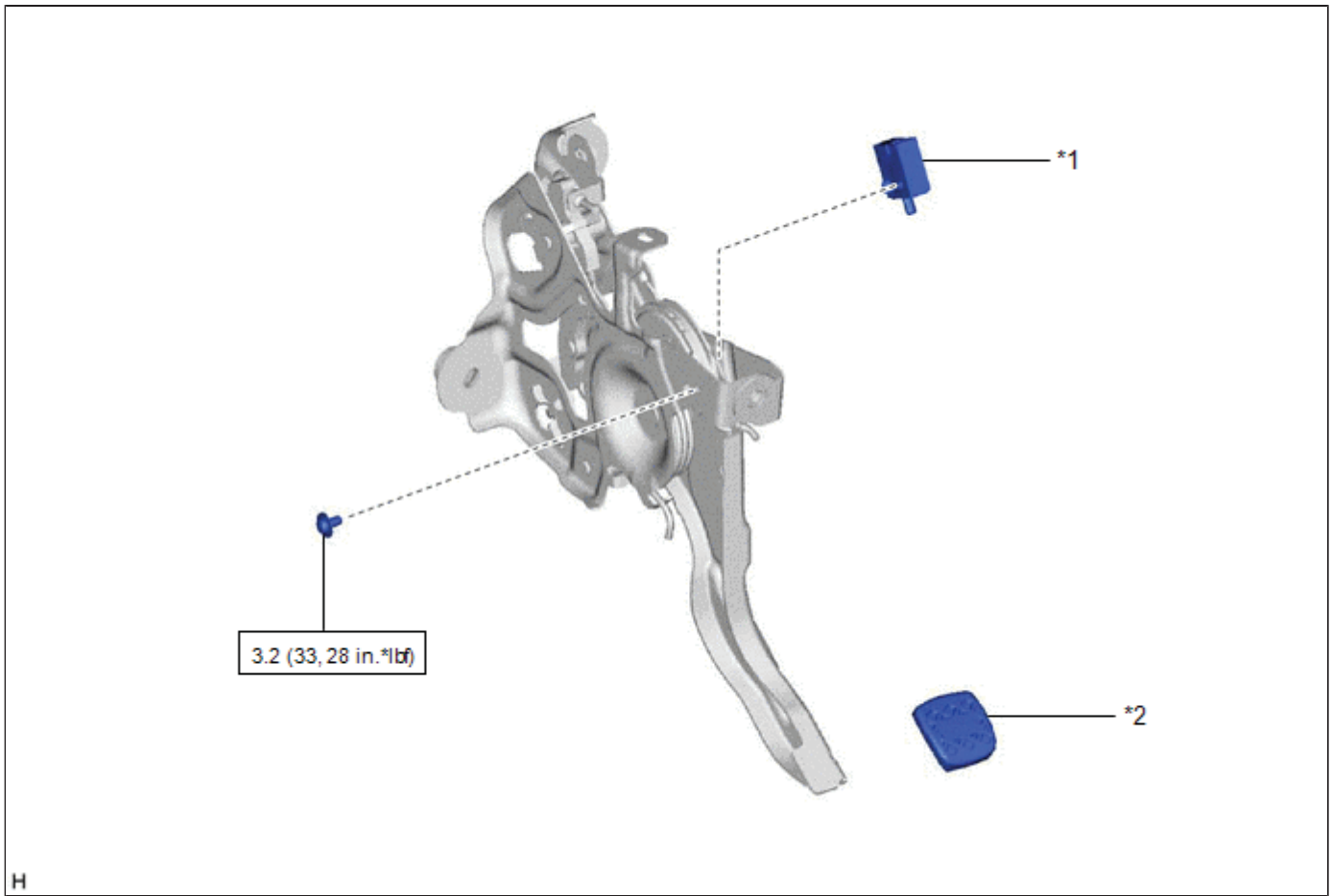
ILLUSTRATION



H

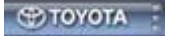
*1	NO. 1 PARKING BRAKE CABLE ASSEMBLY	*2	NO. 1 WIRE ADJUSTING NUT
*3	PARKING BRAKE PEDAL ASSEMBLY	-	-
●	Non-reusable part	-	-

ILLUSTRATION



H

*1	PARKING BRAKE SWITCH ASSEMBLY	*2	PARKING PEDAL PAD
	N*m (kgf*cm, ft.*lbf): Specified torque	-	-



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Model Year Start: 2016	Model: Prius	Prod Date Range: [11/2015 -]
Title: PARKING BRAKE: PARKING BRAKE PEDAL: DISASSEMBLY; 2016 - 2019 MY Prius [11/2015 -]		

[DISASSEMBLY](#)

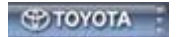
[PROCEDURE](#)

1. REMOVE PARKING BRAKE SWITCH ASSEMBLY

Click here  

2. REMOVE PARKING PEDAL PAD

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



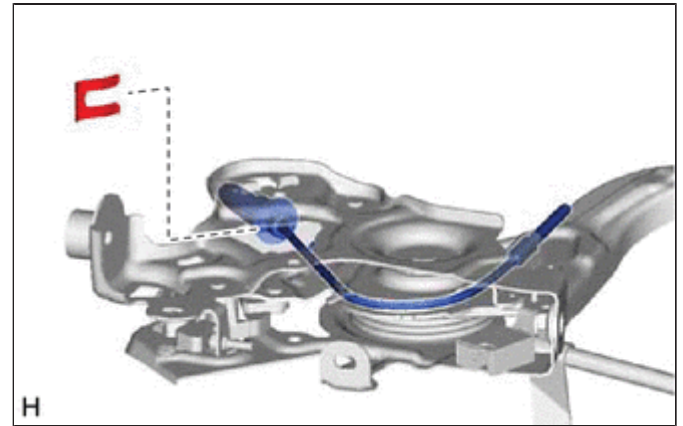
Last Modified: 01-14-2019	6.8:8.0.48	Doc ID: RM100000000QZG3
Model Year Start: 2016	Model: Prius	Prod Date Range: [11/2015 -]
Title: PARKING BRAKE: PARKING BRAKE PEDAL: INSTALLATION; 2016 - 2019 MY Prius [11/2015 -]		

INSTALLATION

PROCEDURE

1. INSTALL PARKING BRAKE PEDAL ASSEMBLY

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

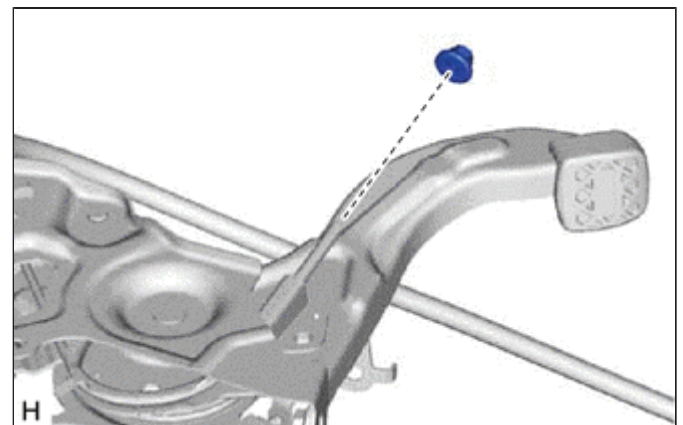


(b) Install a new clip to the No. 1 parking brake cable assembly.

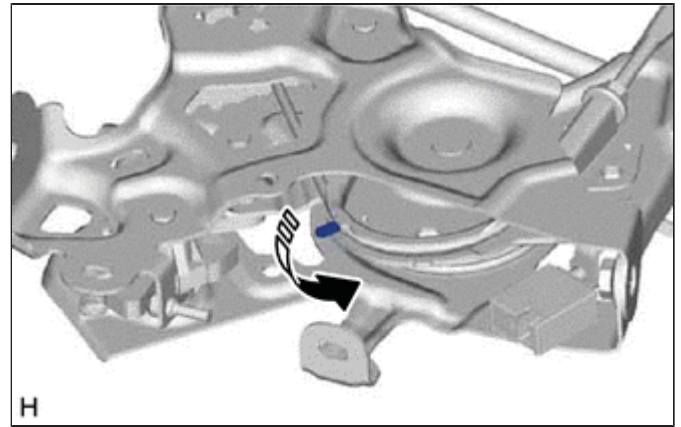
(c) Temporarily install a new No. 1 wire adjusting nut to the No. 1 parking brake cable assembly.

NOTICE:

If the No. 1 wire adjusting nut has been removed from the No. 1 parking brake cable assembly, replace the No. 1 wire adjusting nut with a new one.



(d) Bend the parking brake pedal assembly claw.



2. CONNECT PARKING BRAKE PEDAL ASSEMBLY

(a) Install the parking brake pedal assembly to the vehicle body with the bolt and 2 nuts.

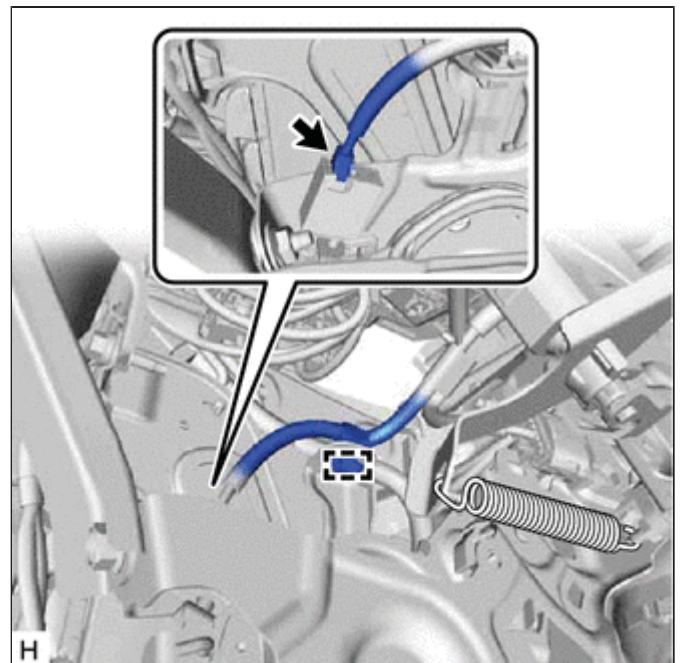
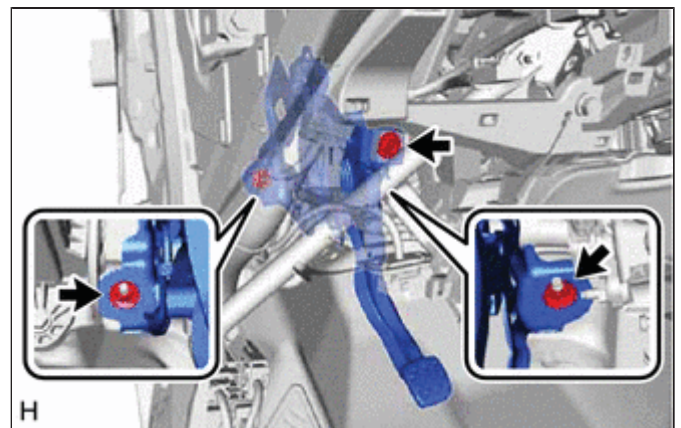
Torque:

Bolt :

15 N·m { 153 kgf·cm, 11 ft·lbf }

Nut :

15.5 N·m { 158 kgf·cm, 11 ft·lbf }



(b) Connect the parking brake switch connector.

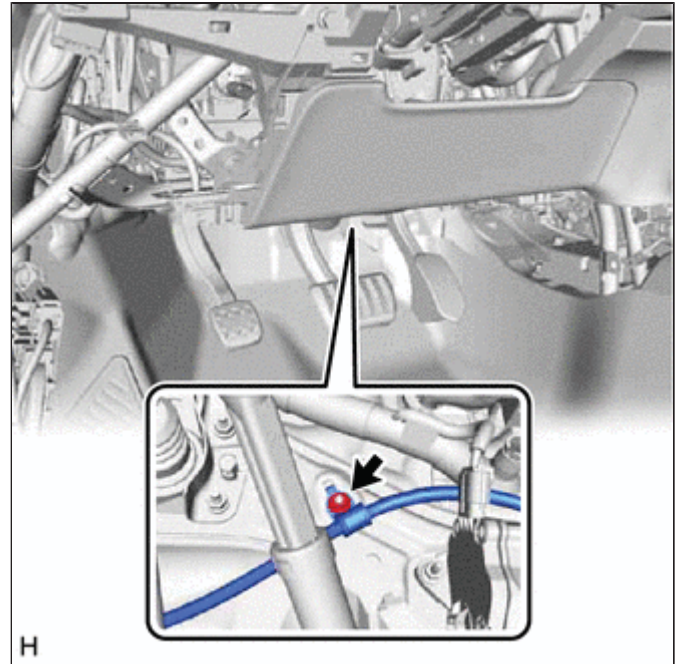
(c) Engage the clamp.

3. CONNECT NO. 1 PARKING BRAKE CABLE ASSEMBLY

(a) Install the No. 1 parking brake cable assembly with the bolt.

Torque:

7.5 N·m {76 kgf·cm, 66 in·lbf}



4. INSTALL BRAKE PEDAL STROKE SENSOR ASSEMBLY

Click here [INFO](#)

5. CONNECT CABLE TO NEGATIVE AUXILIARY BATTERY TERMINAL

NOTICE:

When disconnecting the cable, some systems need to be initialized after the cable is reconnected.

Click here [INFO](#) [INFO](#)

6. ADJUST BRAKE PEDAL STROKE SENSOR ASSEMBLY

Click here [INFO](#)

7. INSPECT PARKING BRAKE PEDAL TRAVEL

Click here [INFO](#) [INFO](#)

8. ADJUST PARKING BRAKE PEDAL TRAVEL

Click here [INFO](#) [INFO](#)

9. INSPECT BRAKE WARNING LIGHT

Click here [INFO](#) [INFO](#)

10. INSTALL LOWER INSTRUMENT PANEL FINISH PANEL ASSEMBLY

Click here [INFO](#) [INFO](#)

11. CONNECT HOOD LOCK CONTROL LEVER SUB-ASSEMBLY

Click here [INFO](#) [INFO](#)

12. INSTALL INSTRUMENT CLUSTER FINISH PANEL GARNISH ASSEMBLY

Click here [INFO](#) [INFO](#)

13. INSTALL INSTRUMENT PANEL FINISH PANEL END LH

Click here [INFO](#) [INFO](#)

14. INSTALL COWL SIDE TRIM BOARD LH

Click here [INFO](#) [INFO](#)

15. INSTALL FRONT DOOR SCUFF PLATE LH

Click here [INFO](#) [INFO](#)

16. INSTALL NO. 1 AIR DUCT

Click here [INFO](#)

17. INSTALL FRONT NO. 2 CONSOLE BOX INSERT

Click here [INFO](#) [INFO](#) [INFO](#)

18. INSTALL FRONT NO. 1 CONSOLE BOX INSERT

Click here [INFO](#) [INFO](#) [INFO](#)

19. INSTALL LOWER CENTER INSTRUMENT CLUSTER FINISH PANEL SUB-ASSEMBLY

Click here [INFO](#) [INFO](#)

20. INSTALL REAR CONSOLE BOX ASSEMBLY

Click here [INFO](#) [INFO](#)

21. INSTALL NO. 1 INSTRUMENT PANEL UNDER COVER SUB-ASSEMBLY

Click here [INFO](#) [INFO](#)

22. PERFORM INITIALIZATION AND CALIBRATION

Perform linear solenoid valve offset learning, ABS solenoid valve offset learning, brake pedal stroke sensor assembly zero point calibration and system information memorization: Click here [INFO](#) [INFO](#)

23. CHECK AND CLEAR DTC

Click here [INFO](#) [INFO](#)



Last Modified: 01-14-2019	6.8:8.0.48	Doc ID: RM100000000QZG7
Model Year Start: 2016	Model: Prius	Prod Date Range: [11/2015 -]
Title: PARKING BRAKE: PARKING BRAKE PEDAL: REASSEMBLY; 2016 - 2019 MY Prius [11/2015 -]		

REASSEMBLY

PROCEDURE

1. INSTALL PARKING PEDAL PAD

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

2. INSTALL PARKING BRAKE SWITCH ASSEMBLY

Click here 







Last Modified: 01-14-2019	6.8:8.0.48	Doc ID: RM100000000QZG5
Model Year Start: 2016	Model: Prius	Prod Date Range: [11/2015 - 12/2018]
Title: PARKING BRAKE: PARKING BRAKE PEDAL: REMOVAL; 2016 - 2018 MY Prius [11/2015 - 12/2018]		

REMOVAL

CAUTION / NOTICE / HINT

The necessary procedures (adjustment, calibration, initialization, or registration) that must be performed after parts are removed and installed, or replaced during parking brake pedal assembly removal/installation are shown below.

Necessary Procedures After Parts Removed/Installed/Replaced

REPLACED PART OR PERFORMED PROCEDURE	NECESSARY PROCEDURE	EFFECT/INOPERATIVE FUNCTION WHEN NECESSARY PROCEDURE NOT PERFORMED	LINK
Auxiliary battery terminal is disconnected/reconnected	Memorize steering angle neutral point	Lane departure alert system (w/ Steering Control)	
		Intelligent clearance sonar system	
Simple advanced parking guidance system			
Pre-collision system			
	Initialize back door lock	Power door lock control system	
Replacement of brake pedal stroke sensor assembly	<ol style="list-style-type: none"> 1. Clear the data stored during previous linear solenoid valve offset learning, ABS holding solenoid valve learning, brake pedal stroke sensor assembly zero point calibration and system information memorization. 2. Perform linear solenoid valve offset learning, ABS holding solenoid valve learning, brake pedal stroke sensor assembly zero point calibration and system information memorization. 	<ul style="list-style-type: none"> • DTCs are stored • ABS warning light illuminates • Brake warning light / yellow (minor malfunction) illuminates • Slip indicator light illuminates • VSC disabled or malfunctions 	<p>for Initialization:</p>  <p>for Calibration:</p> 

NOTICE:

While the auxiliary battery is connected, even if the power switch is off, the brake control system activates when the

brake pedal is depressed or any door courtesy switch turns on. Therefore, when servicing the brake system components, do not operate the brake pedal or open/close the doors while the auxiliary battery is connected.

PROCEDURE

1. PRECAUTION

NOTICE:

After turning the power switch off, waiting time may be required before disconnecting the cable from the negative (-) auxiliary battery terminal. Therefore, make sure to read the disconnecting the cable from the negative (-) auxiliary battery terminal notices before proceeding with work.

Click here [INFO](#) [INFO](#)

2. DISCONNECT CABLE FROM NEGATIVE AUXILIARY BATTERY TERMINAL

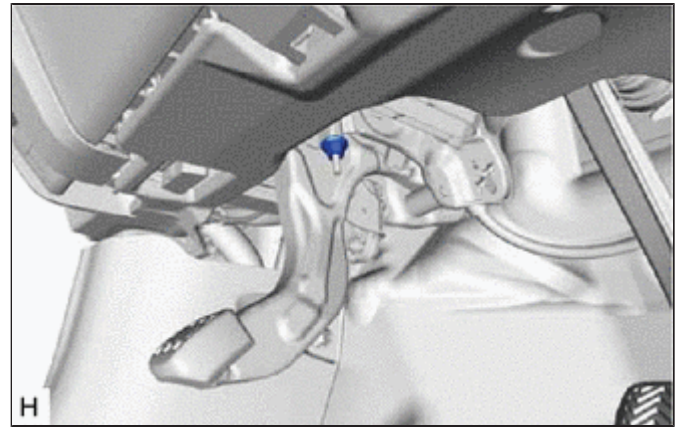
Click here [INFO](#)

3. LOOSEN NO. 1 WIRE ADJUSTING NUT

(a) Loosen the No. 1 wire adjusting nut.

NOTICE:

If the No. 1 wire adjusting nut has been removed from the No. 1 parking brake cable assembly, replace the No. 1 wire adjusting nut with a new one.



4. REMOVE NO. 1 INSTRUMENT PANEL UNDER COVER SUB-ASSEMBLY

Click here [INFO](#) [INFO](#)

5. REMOVE REAR CONSOLE BOX ASSEMBLY

Click here [INFO](#)

6. REMOVE LOWER CENTER INSTRUMENT CLUSTER FINISH PANEL SUB-ASSEMBLY

Click here [INFO](#) [INFO](#)

7. REMOVE FRONT NO. 1 CONSOLE BOX INSERT

Click here [INFO](#) [INFO](#)

8. REMOVE FRONT NO. 2 CONSOLE BOX INSERT

Click here [INFO](#) [INFO](#)

9. REMOVE NO. 1 AIR DUCT

Click here [INFO](#)

10. REMOVE FRONT DOOR SCUFF PLATE LH

Click here [INFO](#)

11. REMOVE COWL SIDE TRIM BOARD LH

Click here [INFO](#)

12. REMOVE INSTRUMENT PANEL FINISH PANEL END LH

Click here [INFO](#) [INFO](#)

13. REMOVE INSTRUMENT CLUSTER FINISH PANEL GARNISH ASSEMBLY

Click here [INFO](#) [INFO](#)

14. DISCONNECT HOOD LOCK CONTROL LEVER SUB-ASSEMBLY

Click here [INFO](#) [INFO](#)

15. REMOVE LOWER INSTRUMENT PANEL FINISH PANEL ASSEMBLY

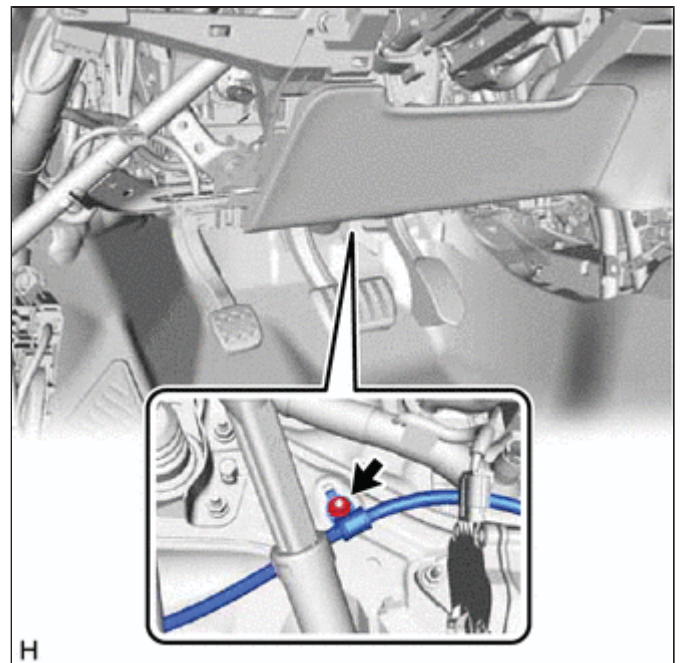
Click here [INFO](#) [INFO](#)

16. REMOVE BRAKE PEDAL STROKE SENSOR ASSEMBLY

Click here [INFO](#)

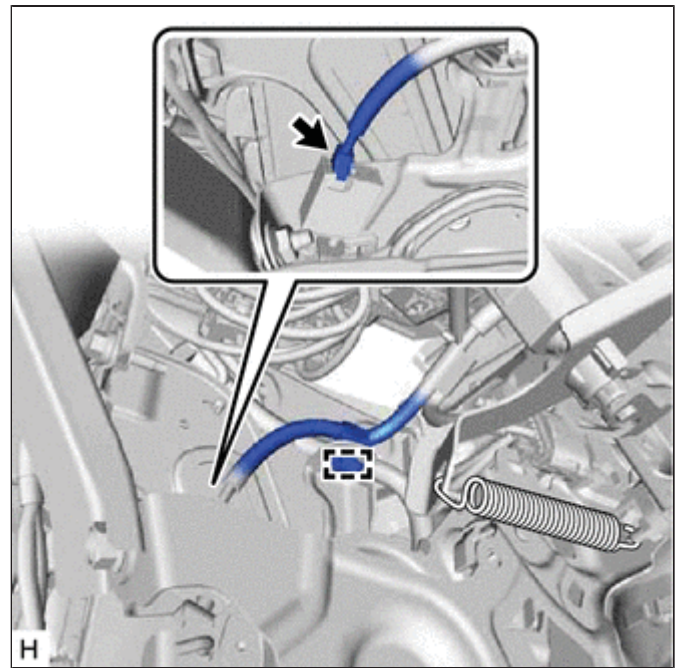
17. SEPARATE NO. 1 PARKING BRAKE CABLE ASSEMBLY

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



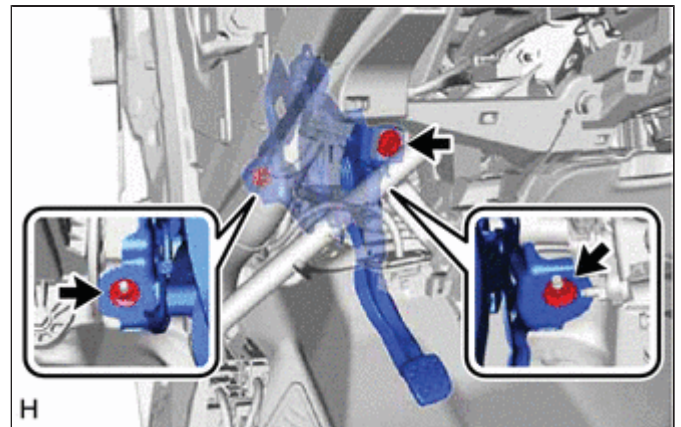
18. SEPARATE PARKING BRAKE PEDAL ASSEMBLY

(a) Disengage the clamp.



(b) Disconnect the parking brake switch connector.

(c) Remove the bolt and 2 nuts, and separate the parking brake pedal assembly from the vehicle body.

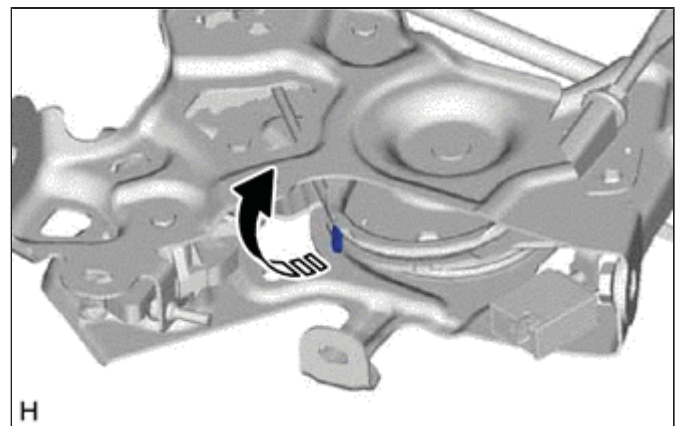


19. REMOVE PARKING BRAKE PEDAL ASSEMBLY

(a) Pull up the parking brake pedal assembly claw.

NOTICE:

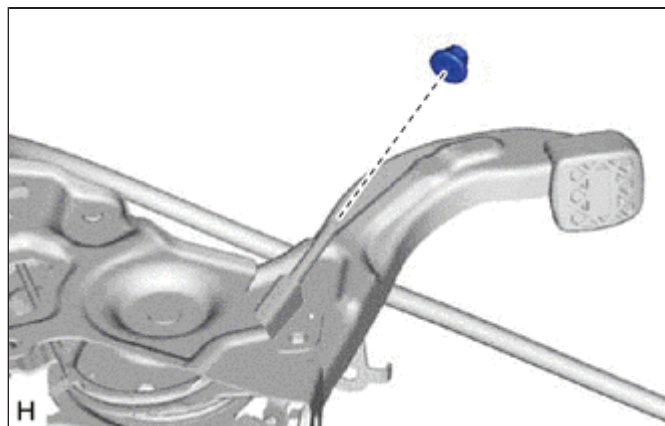
Do not damage the No. 1 parking brake cable assembly.



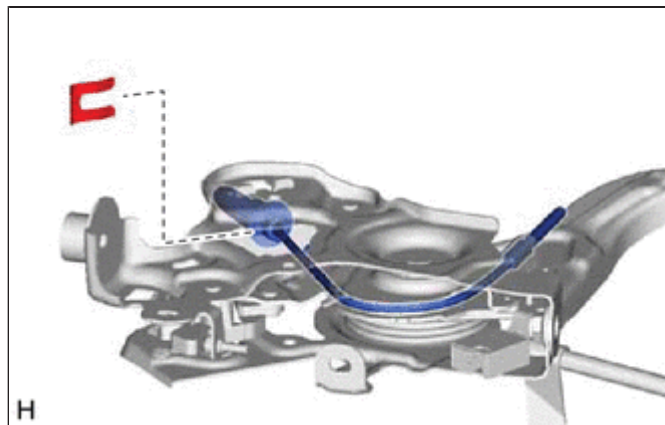
(b) Remove the No. 1 wire adjusting nut from the No. 1 parking brake cable assembly.

NOTICE:

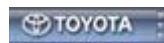
If the No. 1 wire adjusting nut has been removed from the No. 1 parking brake cable assembly, replace the No. 1 wire adjusting nut with a new one.



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



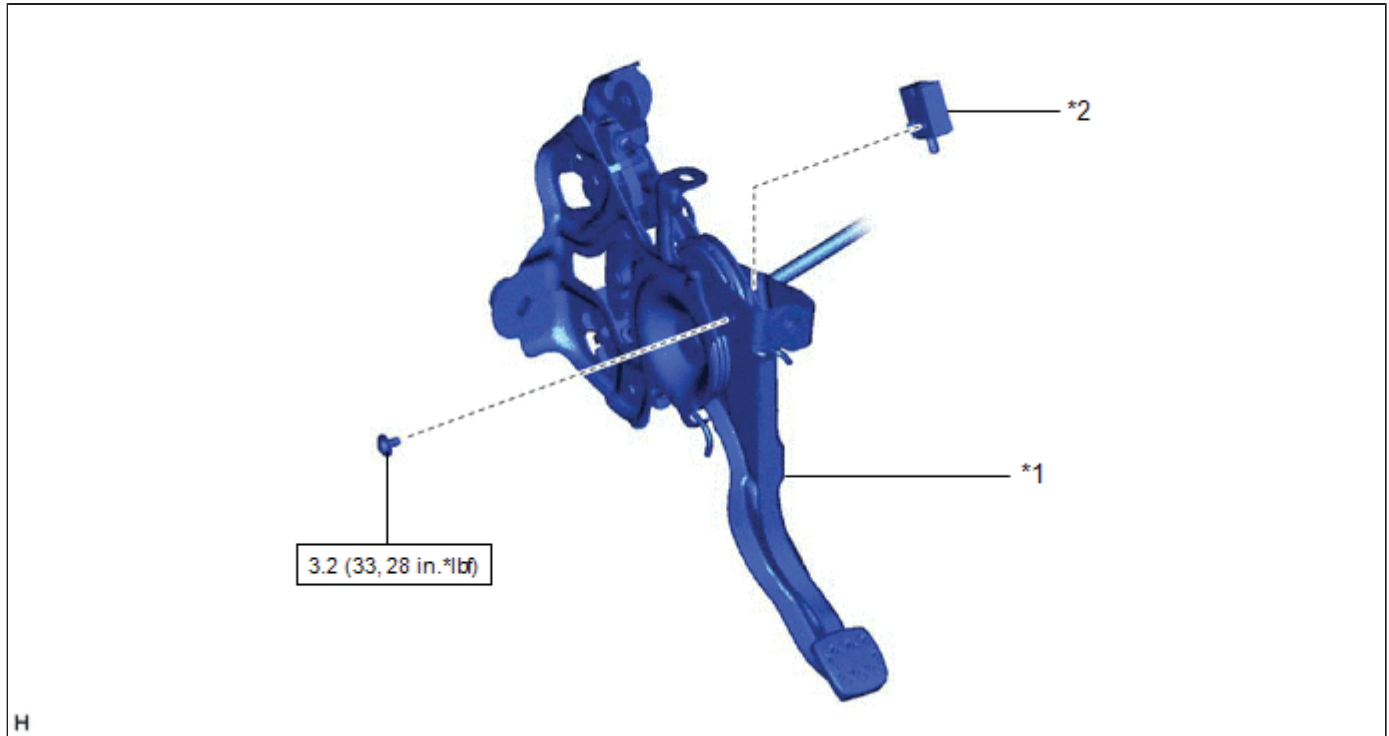
(d) Remove the parking brake pedal assembly from the No. 1 parking brake cable assembly.



Last Modified: 01-14-2019	6.8:8.0.48	Doc ID: RM100000000QZGI
Model Year Start: 2016	Model: Prius	Prod Date Range: [11/2015 -]
Title: PARKING BRAKE: PARKING BRAKE SWITCH: COMPONENTS; 2016 - 2019 MY Prius [11/2015 -]		

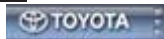
COMPONENTS

ILLUSTRATION



H

*1	PARKING BRAKE PEDAL ASSEMBLY	*2	PARKING BRAKE SWITCH ASSEMBLY
	N*m (kgf*cm, ft.*lbf): Specified torque	-	-



Last Modified: 01-14-2019	6.8:8.0.48	Doc ID: RM100000000QZGH
Model Year Start: 2016	Model: Prius	Prod Date Range: [11/2015 -]
Title: PARKING BRAKE: PARKING BRAKE SWITCH: INSPECTION; 2016 - 2019 MY Prius [11/2015 -]		

INSPECTION

PROCEDURE

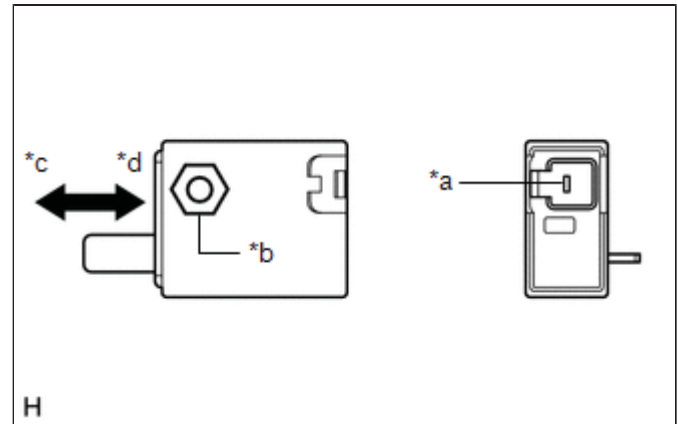
1. INSPECT PARKING BRAKE SWITCH ASSEMBLY

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

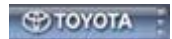
Standard Resistance

TESTER CONNECTION	CONDITION	SPECIFIED CONDITION
Terminal - Nut	On (When shaft is not pressed)	Below 1 Ω
Terminal - Nut	Off (When shaft is pressed)	10 k Ω or higher

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



*a	Terminal
*b	Nut
*c	ON
*d	OFF



Last Modified: 01-14-2019	6.8:8.0.48	Doc ID: RM100000000QZGG
Model Year Start: 2016	Model: Prius	Prod Date Range: [11/2015 -]
Title: PARKING BRAKE: PARKING BRAKE SWITCH: INSTALLATION; 2016 - 2019 MY Prius [11/2015 -]		

[INSTALLATION](#)

[PROCEDURE](#)

1. INSTALL PARKING BRAKE SWITCH ASSEMBLY

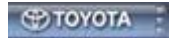
(a) Install the parking brake switch assembly to the parking brake pedal assembly with the screw.

Torque:

3.2 N·m { 33 kgf·cm, 28 in·lbf }

2. CONNECT PARKING BRAKE PEDAL ASSEMBLY

Click here [INFO](#)







Last Modified: 01-14-2019	6.8:8.0.48	Doc ID: RM100000000QZGJ
Model Year Start: 2016	Model: Prius	Prod Date Range: [11/2015 - 12/2018]
Title: PARKING BRAKE: PARKING BRAKE SWITCH: REMOVAL; 2016 - 2018 MY Prius [11/2015 - 12/2018]		

REMOVAL

CAUTION / NOTICE / HINT

The necessary procedures (adjustment, calibration, initialization, or registration) that must be performed after parts are removed and installed, or replaced during parking brake switch assembly removal/installation are shown below.

Necessary Procedures After Parts Removed/Installed/Replaced

REPLACED PART OR PERFORMED PROCEDURE	NECESSARY PROCEDURE	EFFECT/INOPERATIVE FUNCTION WHEN NECESSARY PROCEDURE NOT PERFORMED	LINK
Auxiliary battery terminal is disconnected/reconnected	Memorize steering angle neutral point	Lane departure alert system (w/ Steering Control)	
		Intelligent clearance sonar system	
Simple advanced parking guidance system			
Pre-collision system			
	Initialize back door lock	Power door lock control system	
Replacement of brake pedal stroke sensor assembly	<ol style="list-style-type: none"> 1. Clear the data stored during previous linear solenoid valve offset learning, ABS holding solenoid valve learning, brake pedal stroke sensor assembly zero point calibration and system information memorization. 2. Perform linear solenoid valve offset learning, ABS holding solenoid valve learning, brake pedal stroke sensor assembly zero point calibration and system information memorization. 	<ul style="list-style-type: none"> • DTCs are stored • ABS warning light illuminates • Brake warning light / yellow (minor malfunction) illuminates • Slip indicator light illuminates • VSC disabled or malfunctions 	<p>for Initialization:</p>  <p>for calibration:</p> 

NOTICE:

While the auxiliary battery is connected, even if the power switch is off, the brake control system activates when the

brake pedal is depressed or any door courtesy switch turns on. Therefore, when servicing the brake system components, do not operate the brake pedal or open/close the doors while the auxiliary battery is connected.

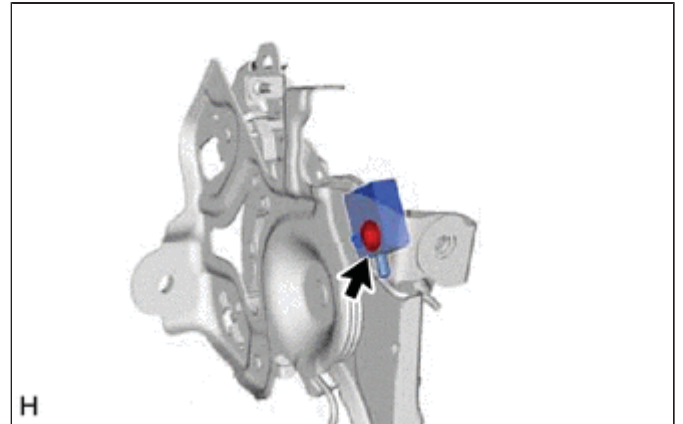
PROCEDURE

1. SEPARATE PARKING BRAKE PEDAL ASSEMBLY

Click here [INFO](#)

2. REMOVE PARKING BRAKE SWITCH ASSEMBLY

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



Last Modified: 01-14-2019	6.8:8.0.48	Doc ID: RM100000000QZG1
Model Year Start: 2016	Model: Prius	Prod Date Range: [11/2015 - 11/2017]
Title: PARKING BRAKE: PARKING BRAKE SYSTEM: ADJUSTMENT; 2016 - 2017 MY Prius [11/2015 - 11/2017]		

ADJUSTMENT

PROCEDURE

1. INSPECT PARKING BRAKE PEDAL TRAVEL

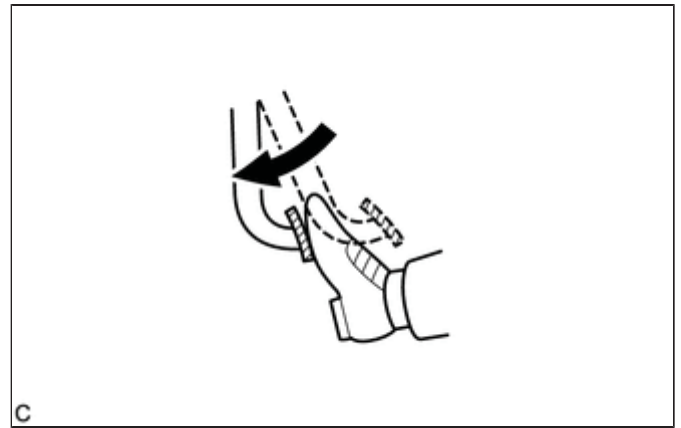
- (a) Completely release the parking brake pedal.
- (b) Fully depress the parking brake pedal to engage the parking brake.
- (c) Depress the parking brake pedal again to disengage the parking brake.

- (d) 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, 67.4 lbf)

If the parking brake pedal travel is not as specified, adjust the parking brake pedal travel.



C

2. ADJUST PARKING BRAKE PEDAL TRAVEL

- (a) Completely release the parking brake pedal.

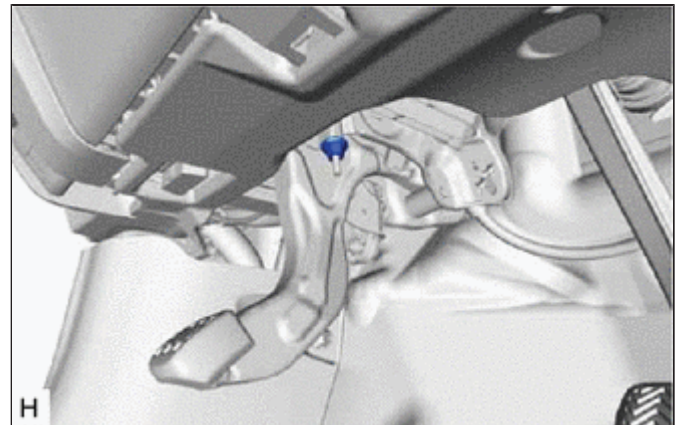
- (b) Turn the No. 1 wire adjusting nut until the parking brake pedal travel is corrected to within the specified range.

Parking Brake Pedal Travel:

8 to 11 notches at 300 N (31 kgf, 67.4 lbf)

NOTICE:

If the No. 1 wire adjusting nut has been removed from the No. 1 parking brake cable assembly, replace the No. 1 wire adjusting nut with a new one.



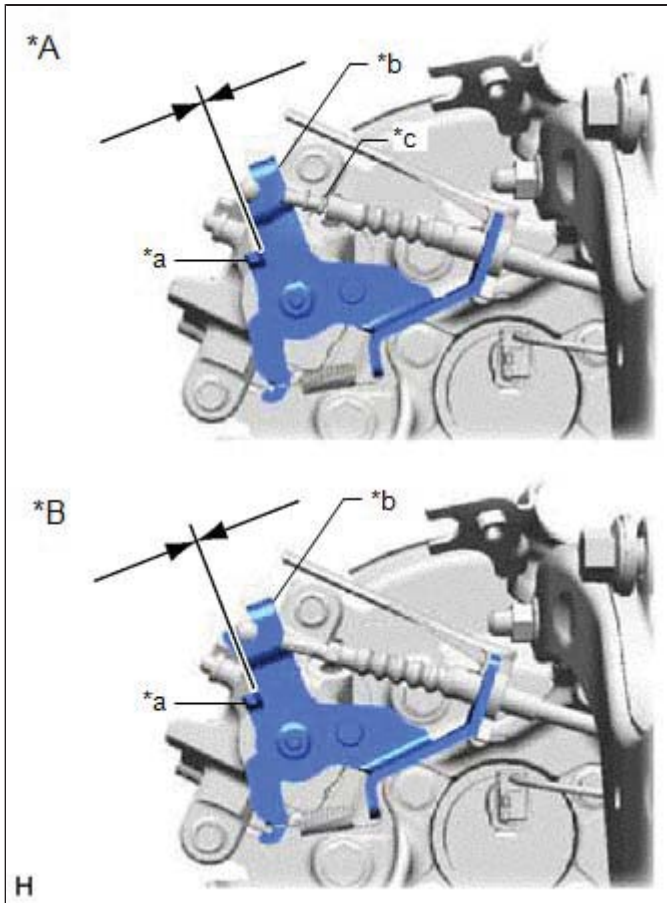
H

- (c) Operate the parking brake pedal 3 to 4 times, and check the parking brake pedal travel.

Parking Brake Pedal Travel:

8 to 11 notches at 300 N (31 kgf, 67.4 lbf)

- (d) Check that the parking brake does not drag.



*A	w/ Clip
*B	w/o Clip
*a	Stopper
*b	Operation Lever
*c	Clip

(e) Release the parking brake pedal and check that the clearance between the rear disc brake cylinder assembly operation lever and the stopper is as specified below.

Clearance:
0.5 mm (0.0197 in.) or less

If the clearance is not as specified, replace the rear disc brake cylinder assembly.

3. 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.



Last Modified: 01-14-2019	6.8:8.0.48	Doc ID: RM100000000QZG2
Model Year Start: 2016	Model: Prius	Prod Date Range: [11/2015 -]
Title: PARKING BRAKE: PARKING BRAKE SYSTEM: PROBLEM SYMPTOMS TABLE; 2016 - 2019 MY Prius [11/2015 -]		

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	LINK
Brake drag	Parking brake pedal travel (Out of adjustment)	INFO INFO
	Parking brake cable*1 (Sticking)	INFO INFO
	Parking brake cable*2 (Sticking)	INFO INFO
	Rear disc brake piston (stuck)	INFO

*1: for Front Side

*2: for Rear Side

