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<b>Model Year Start:</b> 2023	<b>Model:</b> Prius Prime	<b>Prod Date Range:</b> [03/2023 - ]
<b>Title:</b> BRAKE CONTROL / DYNAMIC CONTROL SYSTEMS: BRAKE PEDAL STROKE SENSOR: REMOVAL; 2023 - 2024 MY Prius Prius Prime [03/2023 - ]		

## 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 the brake pedal stroke sensor 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
Brake pedal stroke sensor assembly	Perform "Calibration"	<ul style="list-style-type: none"> <li>• DTCs are stored</li> <li>• ABS warning light illuminates</li> <li>• Brake system warning light (yellow indicator) illuminates</li> <li>• Slip indicator light illuminates</li> <li>• Electronically controlled brake system disabled or malfunctions</li> </ul>	<a href="#">INFO</a>

#### **HINT:**

When the cable is disconnected / reconnected to the auxiliary battery terminal, systems temporarily stop operating. However, each system has a function that completes learning the first time the system is used.

#### **Learning completes when vehicle is driven**

EFFECT/INOPERATIVE FUNCTION WHEN NECESSARY PROCEDURE NOT PERFORMED	NECESSARY PROCEDURE	LINK
Front Camera System	Drive the vehicle straight ahead at 35 km/h (22 mph) or more for 5 seconds or more.	<a href="#">INFO</a>

#### **Learning completes when vehicle is operated normally**

EFFECT/INOPERATIVE FUNCTION WHEN NECESSARY PROCEDURE NOT PERFORMED	NECESSARY PROCEDURE	LINK
Power Door Lock Control System*1 <ul style="list-style-type: none"> <li>• Back door opener</li> </ul>	Perform door unlock operation with door control switch or electrical key transmitter sub-assembly switch.	<a href="#">INFO</a>
Power Back Door System*2	Reset back door close position	<a href="#">INFO</a>
Air Conditioning System	<b>for HEV Model:</b>	-
*1: w/o Power Back Door System		
*2: w/ Power Back Door System		

EFFECT/INOPERATIVE FUNCTION WHEN NECESSARY PROCEDURE NOT PERFORMED	NECESSARY PROCEDURE	LINK
	After the ignition switch is turned to ON, the servo motor standard position is recognized. <b>for PHEV Model:</b> After the ignition switch is turned to ON, the servo motor and expansion valve standard position is recognized.	
*1: w/o Power Back Door System *2: w/ Power Back Door System		

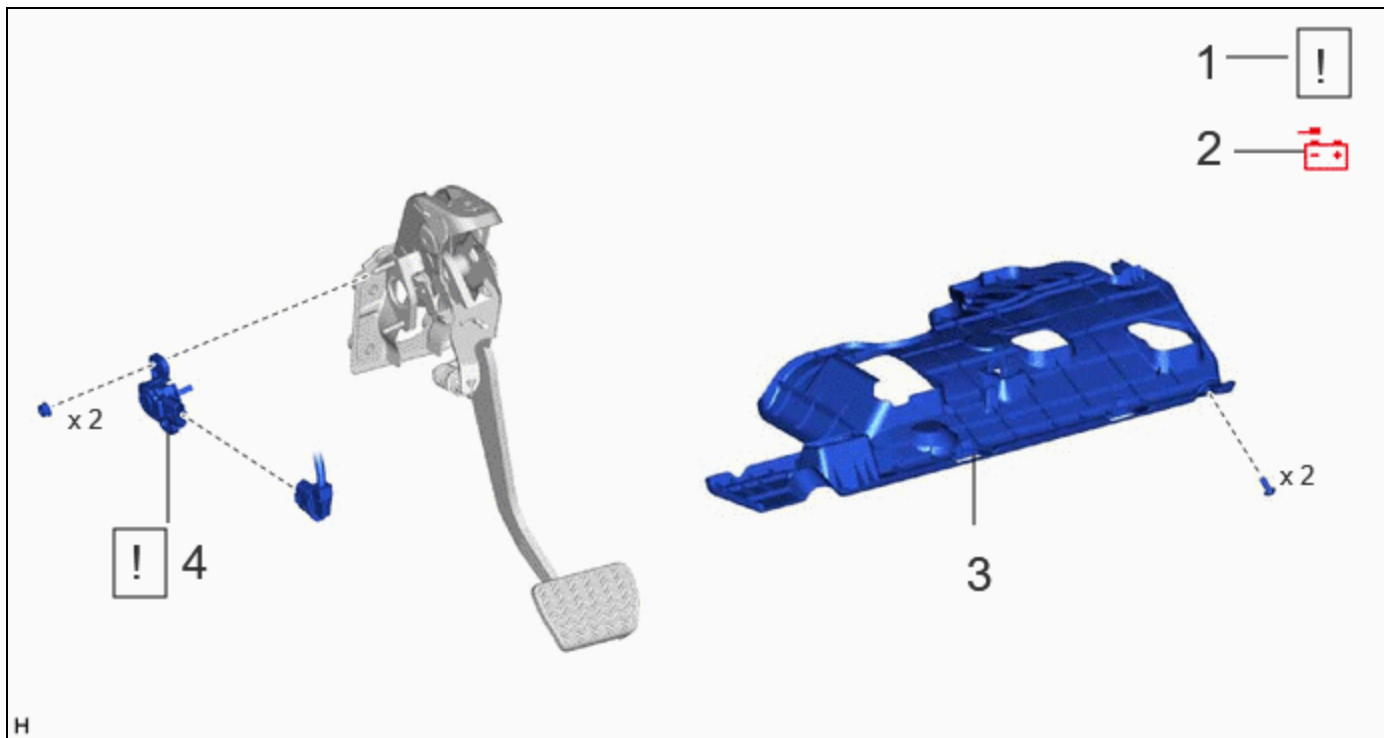
## CAUTION / NOTICE / HINT




### NOTICE:

- After the ignition switch is turned off, the radio and display receiver assembly records various types of memory and settings. As a result, after turning the ignition switch off, make sure to wait at least 3 minutes before disconnecting the cable from the negative(-) auxiliary battery terminal.
- When the cable is disconnected from the negative (-) auxiliary battery terminal and the security lock setting has been enabled, multi-display operations will be disabled upon next startup unless the password is entered. Be sure to check the security lock setting before disconnecting the cable from the negative (-) auxiliary battery terminal.

## CAUTION / NOTICE / HINT


### COMPONENTS (REMOVAL)



	PROCEDURE	PART NAME CODE			
1	PRECAUTION	-	<a href="#">INFO</a>	-	-
2	CABLE FROM NEGATIVE AUXILIARY BATTERY TERMINAL	-	-	-	-
3	NO. 1 INSTRUMENT PANEL UNDER COVER SUB-ASSEMBLY	55606	-	-	-
4	BRAKE PEDAL STROKE SENSOR ASSEMBLY	89510D	<a href="#">INFO</a>	-	-

## PROCEDURE

### 1. PRECAUTION



**NOTICE:**

After turning the ignition switch off, waiting time may be required before disconnecting the cable from the negative (-) auxiliary battery terminal.

Click here [INFO](#)

### 2. DISCONNECT CABLE FROM NEGATIVE AUXILIARY BATTERY TERMINAL

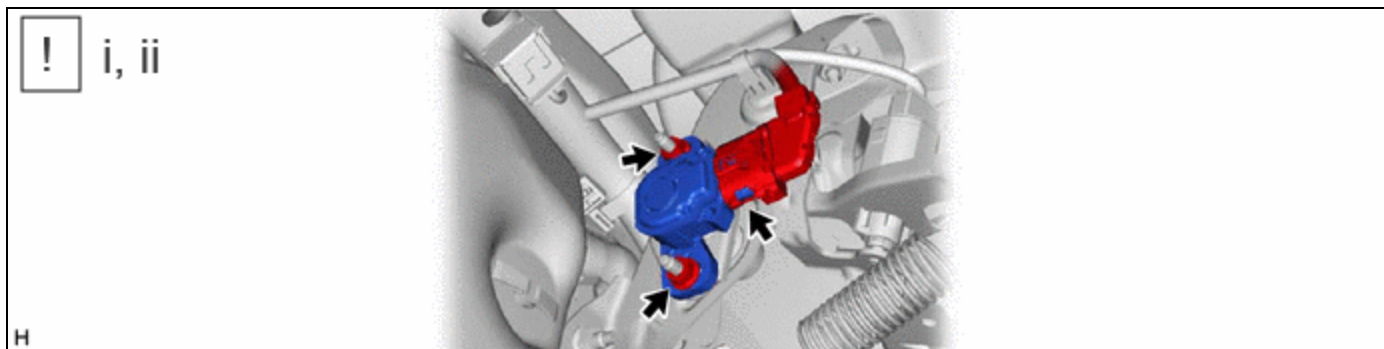
for M20A-FXS: Click here [INFO](#)

for 2ZR-FXE: Click here [INFO](#)

### 3. REMOVE NO. 1 INSTRUMENT PANEL UNDER COVER SUB-ASSEMBLY

Click here [INFO](#)

### 4. REMOVE BRAKE PEDAL STROKE SENSOR ASSEMBLY



(1) Disconnect the connector from the brake pedal stroke sensor assembly.

(2) Remove the 2 nuts and brake pedal stroke sensor assembly from the brake pedal support assembly.

#### NOTICE:

- Do not drop the brake pedal stroke sensor assembly.
- If the brake pedal stroke sensor assembly has been dropped, replace the brake pedal stroke sensor assembly with a new one.

