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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> THEFT DETERRENT / KEYLESS ENTRY: CERTIFICATION ECU: 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 certification ECU (smart key ECU assembly) removal/installation are shown below.

### **Necessary Procedure After Parts Removed/Installed/Replaced**

REPLACED PART OR PERFORMED PROCEDURE	NECESSARY PROCEDURE	EFFECT/INOPERATIVE FUNCTION WHEN NECESSARY PROCEDURE NOT PERFORMED	LINK
Certification ECU (smart key ECU assembly)	Code registration	<ul style="list-style-type: none"> <li>• Wireless Door Lock Control System</li> <li>• Smart Key System (for Entry function)</li> <li>• Smart Key System (for Start function)</li> <li>• Hybrid control system cannot be started</li> <li>• Digital Key System</li> <li>• Remote Control Function</li> </ul>	<a href="#">INFO</a>

### **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](#)

### **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.

### **Items for which learning is completed by driving the vehicle**

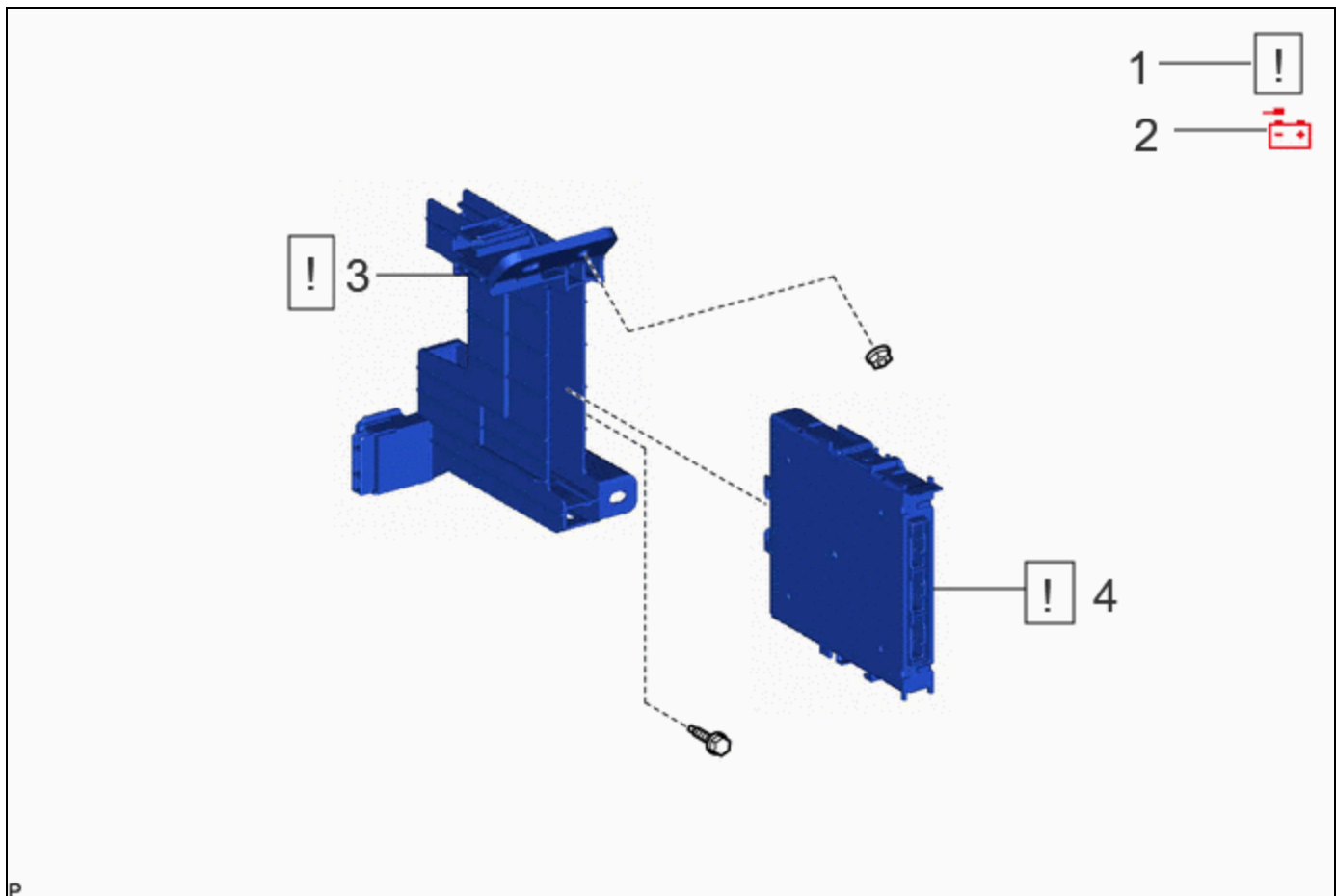
EFFECT/INOPERATIVE FUNCTION WHEN NECESSARY PROCEDURES ARE NOT PERFORMED	NECESSARY PROCEDURES	LINK
Front Camera System	Drive the vehicle straight ahead at 35 km/h (22 mph) or more for 5 second or more.	<a href="#">INFO</a>




### **Items for which learning is completed by operating the vehicle normally**

EFFECT/INOPERATIVE FUNCTION WHEN NECESSARY PROCEDURES ARE NOT PERFORMED	NECESSARY PROCEDURES	LINK
Power Door Lock Control System*1 ◦ Back door opener	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> 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


### COMPONENTS (REMOVAL)



	PROCEDURE	PART NAME CODE			
1	PRECAUTION	-	<a href="#">INFO</a>	-	-
2	DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL	-	-	-	-
3	JUNCTION BLOCK BRACKET	82673A	<a href="#">INFO</a>	-	-
4	CERTIFICATION ECU (SMART KEY ECU ASSEMBLY)	89990A	<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.

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### 2. DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL


(a) for M20A-FXS:

Click here [INFO](#)

(b) for 2ZR-FXE:


Click here [INFO](#)

### 3. REMOVE JUNCTION BLOCK BRACKET



Click here [INFO](#)

### 4. REMOVE CERTIFICATION ECU (SMART KEY ECU ASSEMBLY)



**NOTICE:**

- If the junction block bracket is deformed or damaged, replace it.
- Do not bend the 2 claws more than necessary.

