

<b>Last Modified:</b> 12-04-2024	6.11:8.1.0	<b>Doc ID:</b> RM100000028U0Y
<b>Model Year Start:</b> 2023	<b>Model:</b> Prius Prime	<b>Prod Date Range:</b> [12/2022 - ]
<b>Title:</b> CELLULAR COMMUNICATION: SAFETY CONNECT SYSTEM: B15CC49; Backup Battery Internal Electronic Failure; 2023 - 2024 MY Prius Prius Prime [12/2022 - ]		

<b>DTC</b>	<b>B15CC49</b>	<b>Backup Battery Internal Electronic Failure</b>
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## DESCRIPTION

This DTC is set when the DCM (telematics transceiver) detects one of the following:

- The mobilephone battery voltage drops or the mobilephone battery malfunctions.
- The mobilephone battery temperature is (temporarily) high.

DTC NO.	DETECTION ITEM	DTC DETECTION CONDITION	TROUBLE AREA	DTC OUTPUT FROM	PRIORITY
B15CC49	Backup Battery Internal Electronic Failure	Mobilephone battery malfunction	<ul style="list-style-type: none"> <li>• Mobilephone battery</li> <li>• DCM (telematics transceiver)</li> </ul>	Telematics	A

## CAUTION / NOTICE / HINT

### NOTICE:

Depending on the parts that are replaced during vehicle inspection or maintenance, performing initialization, registration or calibration may be needed. Refer to Precaution for Safety Connect System.

Click here [INFO](#)

## PROCEDURE

<b>1.</b>	<b>CLEAR DTC</b>
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(a) Turn the ignition switch to ON and wait for 10 seconds or more.

(b) Clear the DTCs.

**Body Electrical > Telematics > Clear DTCs**

### NEXT



<b>2.</b>	<b>CHECK DTC</b>
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Pre-procedure1

(a) Turn the ignition switch to ON and wait for 10 seconds or more.

Procedure1

(b) Check for DTCs and check that no DTCs are output.

**Body Electrical > Telematics > Trouble Codes**

RESULT	PROCEED TO
B15CC49 is not output	A
B15CC49 is output	B

Post-procedure1

(c) None

**A**  **USE SIMULATION METHOD TO CHECK**

**B**



**3. CHECK MOBILEPHONE BATTERY**

(a) Replace the mobilephone battery with a normal one and check if the same problem occurs again.

**HINT:**

Click here 

**NOTICE:**

- The mobilephone battery must not be replaced while an ACN call is in progress.

Click here 

- After replacing the mobilephone battery, perform initialization.

Click here 

**NEXT**



**4. CLEAR DTC**

(a) Turn the ignition switch to ON and wait for 10 seconds or more.

(b) Clear the DTCs.

**Body Electrical > Telematics > Clear DTCs**

**NEXT**

<b>5.</b>	<b>CHECK FOR DTC</b>
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(a) Recheck for DTCs and check that no DTCs are output.

**Body Electrical > Telematics > Trouble Codes**

RESULT	PROCEED TO
B15CC49 is not output	A
B15CC49 is output	B

**A** **PERFORM INITIALIZATION**

**B**

<b>6.</b>	<b>REPLACE DCM (TELEMATICS TRANSCEIVER)</b>
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(a) Replace the DCM (telematics transceiver) with a new one.

**HINT:**

Click here

**NOTICE:**

- The ignition switch must be off.
- Do not exchange the DCM (telematics transceiver) with one from another vehicle.

**NEXT** **PERFORM DCM ACTIVATION**

