

<b>Last Modified:</b> 12-04-2024	6.11:8.1.0	<b>Doc ID:</b> RM100000028P3E
<b>Model Year Start:</b> 2023	<b>Model:</b> Prius Prime	<b>Prod Date Range:</b> [12/2022 - ]
<b>Title:</b> PARKING BRAKE: ELECTRIC PARKING BRAKE SYSTEM: C060B14; Left Electric Parking Brake Actuator Control Circuit Short to Ground or Open; 2023 - 2024 MY Prius Prius Prime [12/2022 - ]		

<b>DTC</b>	<b>C060B14</b>	<b>Left Electric Parking Brake Actuator Control Circuit Short to Ground or Open</b>
------------	----------------	---

## DESCRIPTION

DTC NO.	DETECTION ITEM	DTC DETECTION CONDITION	TROUBLE AREA	MEMORY	DTC OUTPUT FROM	PRIORITY	NOTE
C060B14	Left Electric Parking Brake Actuator Control Circuit Short to Ground or Open	<ul style="list-style-type: none"> <li>• Diagnosis Condition: Ignition switch ON</li> <li>• Malfunction Status: When the ECU power supply is normal, a malfunction in the electric parking brake actuator LH internal circuit is detected.</li> <li>• Detection Time: Approximately 1 second</li> </ul>	<ul style="list-style-type: none"> <li>• Parking brake actuator assembly LH</li> <li>• No. 2 parking brake wire assembly</li> <li>• Wire harness and connector</li> <li>• No. 2 skid control ECU (brake actuator assembly)</li> </ul>	DTC stored	Brake/EPB	A	An electric parking brake system malfunction is displayed on the multi-information display.

## WIRING DIAGRAM

Click here [INFO](#)

## PROCEDURE

<b>1.</b>	<b>INSPECT NO. 2 PARKING BRAKE WIRE ASSEMBLY</b>
-----------	--

Procedure1

(a) Make sure that there is no looseness at the locking part and the connecting part of the connectors.

OK:

The connector is securely connected.

Pre-procedure1

(b) Disconnect the rR3 and r3 No. 2 parking brake wire assembly connectors.

Procedure2

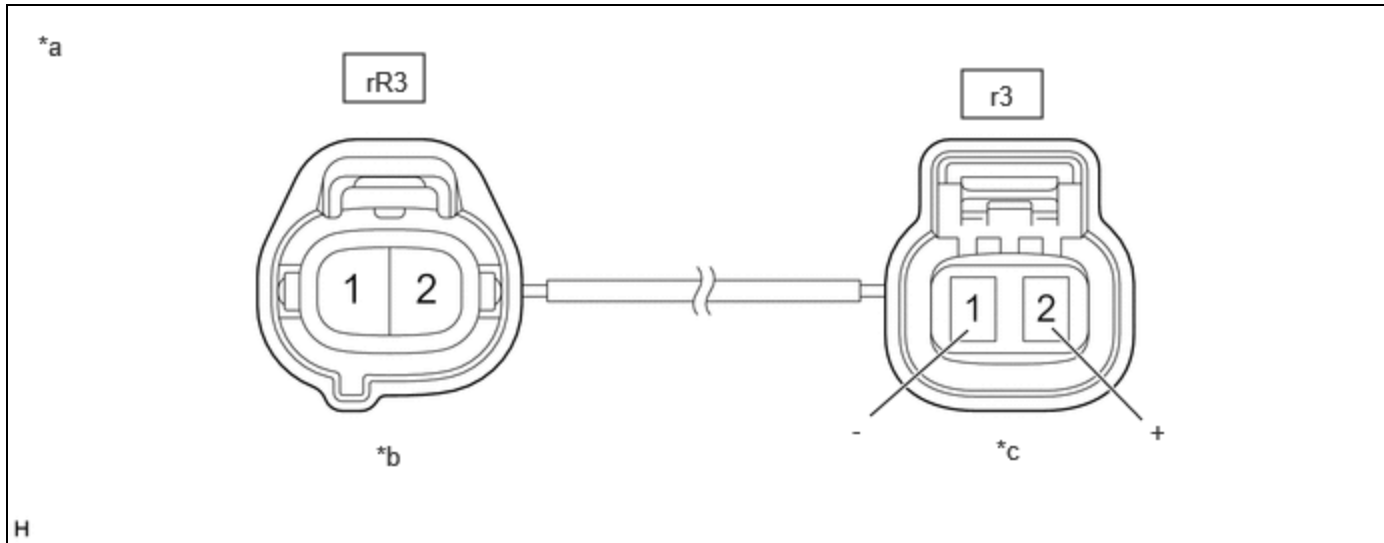
(c) Check both the connector case and the terminals for deformation and corrosion.

OK:

No deformation or corrosion.

Procedure3

(d) Measure the resistance according to the value(s) in the table below.



*a	Front view of No. 2 Parking Brake Wire Assembly	*b	to wire harness connector
*c	to Parking Brake Actuator Assembly LH	-	-

Standard Resistance:



[Click Location & Routing\(rR3,r3\)](#)

[Click Connector\(rR3\)](#)

[Click Connector\(r3\)](#)

TESTER CONNECTION	CONDITION	SPECIFIED CONDITION	RESULT
rR3-1 - r3-2 (+)	Always	Below 1 Ω	Ω
rR3-1 or r3-2 (+) - Body ground and other terminals	Always	10 kΩ or higher	kΩ
rR3-2 - r3-1 (-)	Always	Below 1 Ω	Ω
rR3-2 or r3-1 (-) - Body ground and other terminals	Always	10 kΩ or higher	kΩ

Post-procedure1

(e) None

**NG** **REPLACE NO. 2 PARKING BRAKE WIRE ASSEMBLY**

**OK**  
▼

<b>2.</b>	<b>CHECK HARNESS AND CONNECTOR (NO. 2 SKID CONTROL ECU (BRAKE ACTUATOR ASSEMBLY) - PARKING BRAKE ACTUATOR ASSEMBLY LH)</b>
-----------	--

Pre-procedure1

- (a) Make sure the No. 2 parking brake wire assembly is securely installed.
- (b) Disconnect the A4 No. 2 skid control ECU (brake actuator assembly) connector.
- (c) Disconnect the r3 parking brake actuator assembly LH connector.

Procedure1

- (d) Measure the resistance according to the value(s) in the table below.

Standard Resistance:



[Click Location & Routing\(A4,r3\)](#)

[Click Connector\(A4\)](#)

[Click Connector\(r3\)](#)

TESTER CONNECTION	CONDITION	SPECIFIED CONDITION	RESULT
A4-3 (MRL+) - r3-2 (+)	Always	Below 1 Ω	Ω
A4-3 (MRL+) or r3-2 (+) - Body ground	Always	10 kΩ or higher	kΩ
A4-2 (MRL-) - r3-1 (-)	Always	Below 1 Ω	Ω
A4-2 (MRL-) or r3-1 (-) - Body ground	Always	10 kΩ or higher	kΩ

Post-procedure1


- (e) None

**NG** ► **REPAIR OR REPLACE HARNESS OR CONNECTOR**

**OK**  
▼

<b>3.</b>	<b>INSPECT PARKING BRAKE ACTUATOR ASSEMBLY LH</b>
-----------	---

Click here

**OK** ▶ **REPLACE NO. 2 SKID CONTROL ECU (BRAKE ACTUATOR ASSEMBLY)** 

**NG** ▶ **REPLACE PARKING BRAKE ACTUATOR ASSEMBLY LH**

