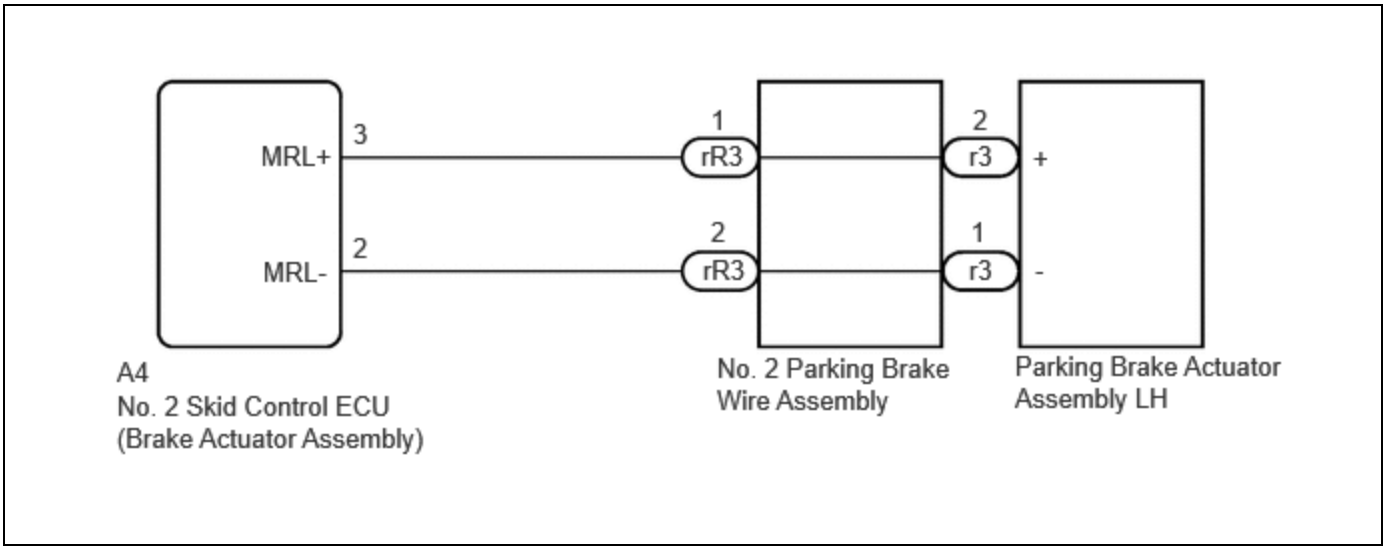
Last Modified: 12-04-2024	6.11:8.1.0	**Doc ID:** RM1000000028P3U
Model Year Start: 2023	**Model:** Prius Prime	**Prod Date Range:** [12/2022 -]
Title: PARKING BRAKE: ELECTRIC PARKING BRAKE SYSTEM: C060B11; Left Electric Parking Brake Actuator Control Circuit Short to Ground; 2023 - 2024 MY Prius Prius Prime [12/2022 -]		

DTC	**C060B11**	**Left Electric Parking Brake Actuator Control Circuit Short to Ground**

DESCRIPTION

DTC NO.	DETECTION ITEM	DTC DETECTION CONDITION	TROUBLE AREA	MEMORY	DTC OUTPUT FROM	PRIORITY	NOTE
C060B11	Left Electric Parking Brake Actuator Control Circuit Short to Ground	• Diagnosis Condition: Electric parking brake not operating • Malfunction Status: The ECU power supply is normal but there is a malfunction in the electric parking brake actuator LH internal circuit (short to GND). • Detection Time: Approximately 1 second	• Parking brake actuator assembly LH • No. 2 parking brake wire assembly • Wire harness and connector • No. 2 skid control ECU (brake actuator assembly)	DTC stored	Brake/EPB	A	An electric parking brake system malfunction is displayed on the multi-information display.

WIRING DIAGRAM



PROCEDURE

1.	**INSPECT NO. 2 PARKING BRAKE WIRE ASSEMBLY**

Pre-procedure1

(a) Turn the ignition switch off.

Procedure1

(b) 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-procedure2

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

Procedure2

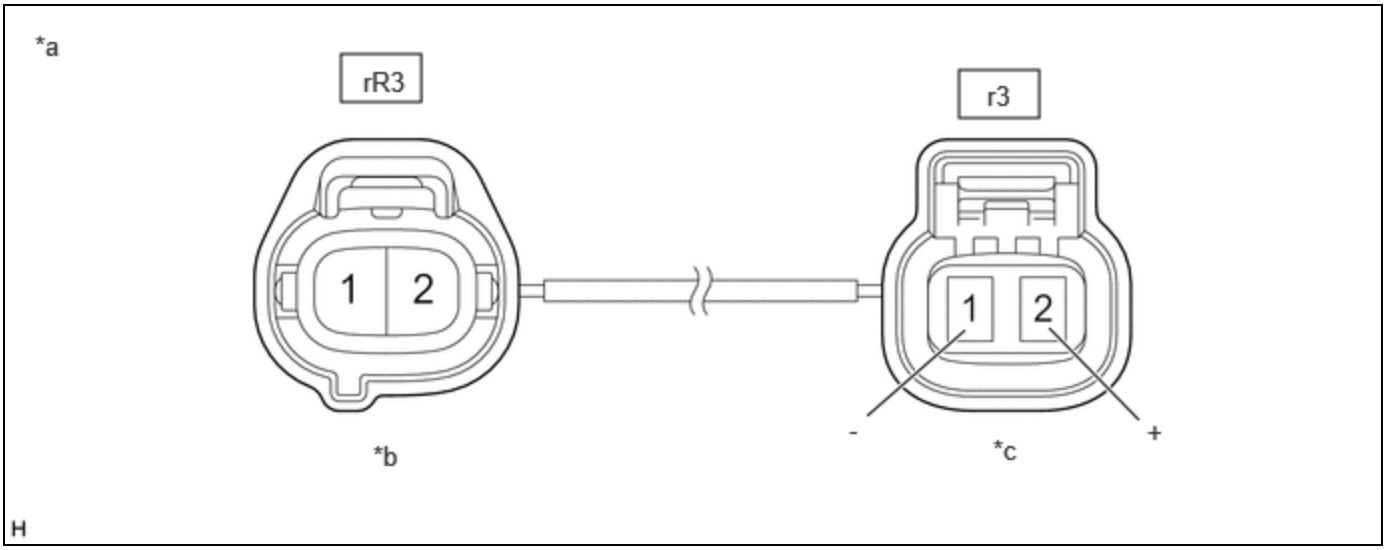
(d) Check both the connector case and the terminals for deformation and corrosion.

OK:

No deformation or corrosion.

Procedure3

(e) 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:

EWD INFO

Click Location & Routing(rR3,r3)
Click Connector(rR3)
Click Connector(r3)

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

Post-procedure1

(f) None

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

OK ▼

2.	**CHECK HARNESS AND CONNECTOR (NO. 2 SKID CONTROL ECU (BRAKE ACTUATOR ASSEMBLY) - PARKING BRAKE ACTUATOR ASSEMBLY LH)**

Pre-procedure1

(a) Turn the ignition switch off.

(b) Make sure the No. 2 parking brake wire assembly is securely installed.

(c) Disconnect the A4 No. 2 skid control ECU (brake actuator assembly) connector.

(d) Disconnect the r3 parking brake actuator assembly LH connector.

Procedure1

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

Standard Resistance:

EWD INFO

Click Location & Routing(A4,r3)
Click Connector(A4)
Click Connector(r3)

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

Post-procedure1

(f) None

NG ▶ **REPAIR OR REPLACE HARNESS OR CONNECTOR**

OK ▼

3.	**INSPECT PARKING BRAKE ACTUATOR ASSEMBLY LH**

Click here INFO

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

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