Last Modified: 12-04-2024	6.11:8.1.0	**Doc ID:** RM100000002BXK7
Model Year Start: 2023	**Model:** Prius Prime	**Prod Date Range:** [12/2022 -]
Title: PARKING BRAKE: ELECTRIC PARKING BRAKE SYSTEM: C060913; Electric Parking Brake Switch Circuit Open; 2023 - 2024 MY Prius Prius Prime [12/2022 -]		

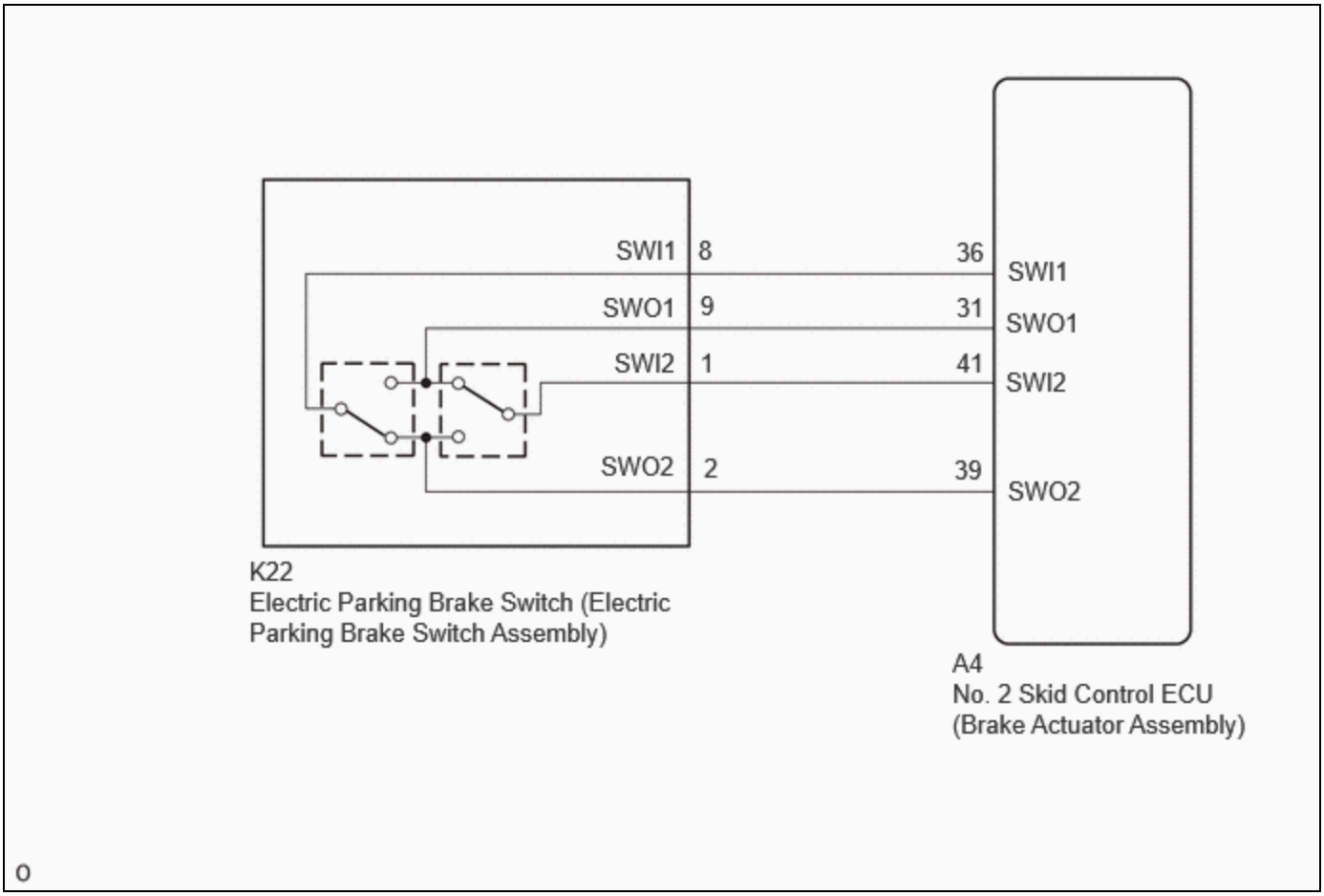
DTC	**C060913**	**Electric Parking Brake Switch Circuit Open**

DESCRIPTION

When the electric parking brake switch is pulled, a lock request signal is sent from the No. 2 skid control ECU (brake actuator assembly) to the parking brake actuator assembly. When the electric parking brake switch is pushed, a release request signal is sent from the No. 2 skid control ECU (brake actuator assembly) to the parking brake actuator assembly.

DTC NO.	DETECTION ITEM	DTC DETECTION CONDITION	TROUBLE AREA	MEMORY	DTC OUTPUT FROM	PRIORITY	NOTE
C060913	Electric Parking Brake Switch Circuit Open	Open detected in parking brake switch circuit for 1 second or more	• Wire harness and connector • No. 2 skid control ECU (brake actuator assembly)	DTC stored	Brake/EPB	B	An electric parking brake system malfunction is displayed on the multi-information display.

WIRING DIAGRAM



PROCEDURE

1.	**CHECK DTC**

(a) Check for DTCs.

Chassis > Brake/EPB > Trouble Codes

RESULT	PROCEED TO
Only C060913 is output	A
C060913 and C060962 are output	B

B ▶ **GO TO DTC C060962**

A ▼

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

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 K22 electric parking brake switch (electric parking brake switch assembly) connector.

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

Procedure1

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

Standard Resistance:

EWD INFO

Click Location & Routing(A4,K22)
Click Connector(A4)
Click Connector(K22)

TESTER CONNECTION	CONDITION	SPECIFIED CONDITION	RESULT
A4-36 (SWI1) - K22-8 (SWI1)	Always	Below 1 Ω	Ω
A4-31 (SWO1) - K22-9 (SWO1)	Always	Below 1 Ω	Ω
A4-41 (SWI2) - K22-1 (SWI2)	Always	Below 1 Ω	Ω
A4-39 (SWO2) - K22-2 (SWO2)	Always	Below 1 Ω	Ω
A4-36 (SWI1) or K22-8 (SWI1) - Body ground	Always	10 kΩ or higher	kΩ
A4-31 (SWO1) or K22-9 (SWO1) - Body ground	Always	10 kΩ or higher	kΩ
A4-41 (SWI2) or K22-1 (SWI2) - Body ground	Always	10 kΩ or higher	kΩ
A4-39 (SWO2) or K22-2 (SWO2) - Body ground	Always	10 kΩ or higher	kΩ

Post-procedure1

(e) None

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

Click here INFO

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