

Last Modified: 12-04-2024	6.11:8.1.0	Doc ID: RM100000002B7HC
Model Year Start: 2023	Model: Prius Prime	Prod Date Range: [03/2023 -]
Title: HYBRID / BATTERY CONTROL: COMBINATION SWITCH: INSPECTION; 2023 - 2024 MY Prius Prius Prime [03/2023 -]		

INSPECTION

PROCEDURE

1. INSPECT EV DRIVE MODE SWITCH (ELECTRIC PARKING BRAKE SWITCH ASSEMBLY) (for HEV Model)

(a) Check the resistance.

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

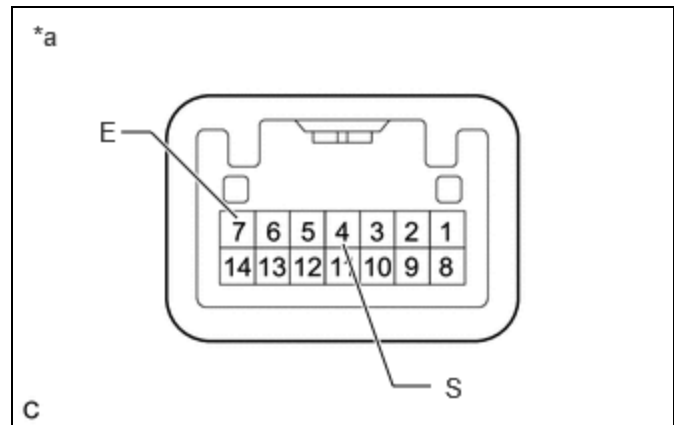
Standard Resistance:



[Click Location & Routing\(K22\)](#)

[Click Connector\(K22\)](#)

TESTER CONNECTION	CONDITION	SPECIFIED CONDITION
K22-4 (S) - K22-7 (E)	EV drive mode switch (electric parking brake switch assembly) being pushed and held	Below 50 Ω
	EV drive mode switch (electric parking brake switch assembly) not pushed	10 kΩ or higher



*a	Component without harness connected (Electric Parking Brake Switch Assembly)
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If the result is not as specified, replace the electric parking brake switch assembly.

2. INSPECT EV/HV AUTO MODE SWITCH (COMBINATION SWITCH ASSEMBLY) (for PHEV Model)

(a) Check the resistance.

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

Standard Resistance:

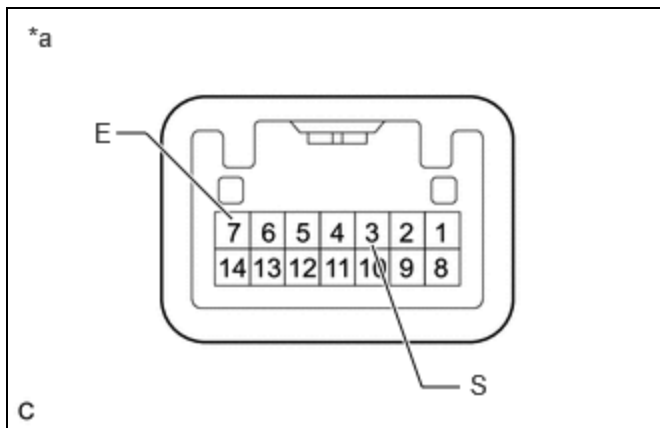


[Click Location & Routing\(K22\)](#)

[Click Connector\(K22\)](#)

TESTER CONNECTION	CONDITION	SPECIFIED CONDITION
K22-3 (S) - K22-7 (E)	EV drive mode switch (electric parking brake switch assembly) being pushed and held	Below 50 Ω
	EV drive mode switch (electric parking brake switch assembly) not pushed	10 kΩ or higher

If the result is not as specified, replace the electric parking brake switch assembly.



*a Component without harness connected (Electric Parking Brake Switch Assembly)

3. INSPECT HV EV CHG HOLD MODE SWITCH (ELECTRIC PARKING BRAKE SWITCH ASSEMBLY) (for PHEV Model)

(a) Check the resistance.

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

Standard Resistance:

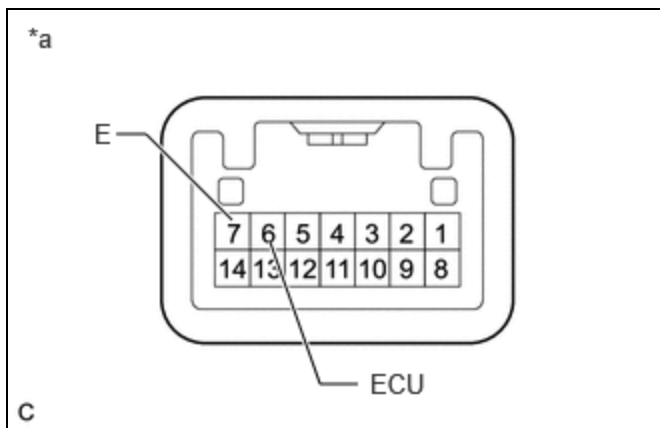


[Click Location & Routing\(K22\)](#)

[Click Connector\(K22\)](#)

TESTER CONNECTION	CONDITION	SPECIFIED CONDITION
K22-6 (ECU) - K22-7 (E)	EV drive mode switch (electric parking brake switch assembly) being pushed and held	Below 50 Ω
	EV drive mode switch (electric parking brake switch assembly) not pushed	10 kΩ or higher

If the result is not as specified, replace the electric parking brake switch assembly.



*a Component without harness connected (Electric Parking Brake Switch Assembly)

