

<b>Last Modified:</b> 12-04-2024	6.11:8.1.0	<b>Doc ID:</b> RM10000000293MY
<b>Model Year Start:</b> 2023	<b>Model:</b> Prius Prime	<b>Prod Date Range:</b> [12/2022 - ]
<b>Title:</b> SEAT: SEAT HEATER SWITCH (for Rear Side): INSPECTION; 2023 - 2024 MY Prius Prius Prime [12/2022 - ]		

## INSPECTION

### PROCEDURE

#### 1. INSPECT SEAT HEATER(REAR) SWITCH (for LH Side)

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

Standard Resistance:

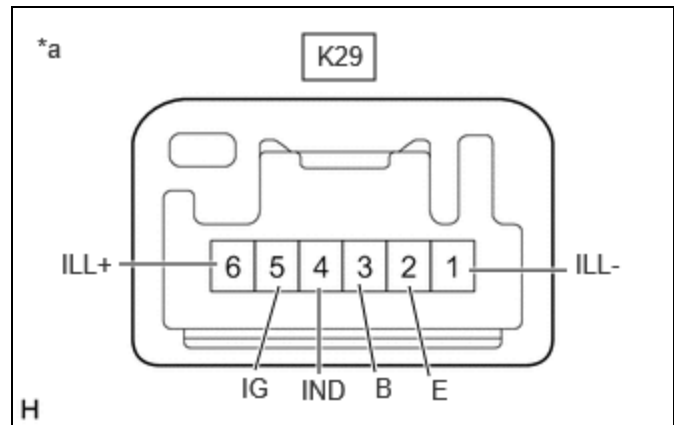


[Click Location & Routing\(K29\)](#)

[Click Connector\(K29\)](#)

TESTER CONNECTION	CONDITION	SPECIFIED CONDITION	RESULT
K29-5 (IG) - K29-2 (E)	Seat Heater switch off	10 kΩ or higher	kΩ
K29-5 (IG) - K29-2 (E)	Seat Heater switch on	Below 1 Ω	Ω

If the result is not as specified, replace the seat heater (rear) switch.



*a	Component without harness connected (Seat Heater (Rear) Switch)
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(b) Apply auxiliary battery voltage to the seat heater (rear) switch and check that the illuminates.

OK:

#### Switch Illumination



[Click Location & Routing\(K29\)](#)

[Click Connector\(K29\)](#)

TESTER CONNECTION	CONDITION	SPECIFIED CONDITION
K29-6 (ILL+) → Auxiliary battery positive (+) K29-1 (ILL-) → Auxiliary battery negative (-)	Always	Switch illumination illuminates

OK:

#### Switch Indicator



[Click Location & Routing\(K29\)](#)

[Click Connector\(K29\)](#)

TESTER CONNECTION	CONDITION	SPECIFIED CONDITION
K29-3 (B) → Auxiliary battery positive (+) K29-4 (IND) → Auxiliary battery negative (-)	Always	Switch indicator illuminates

If the result is not as specified, replace the seat heater (rear) switch.

**2. INSPECT SEAT HEATER(REAR) SWITCH (for RH Side)**

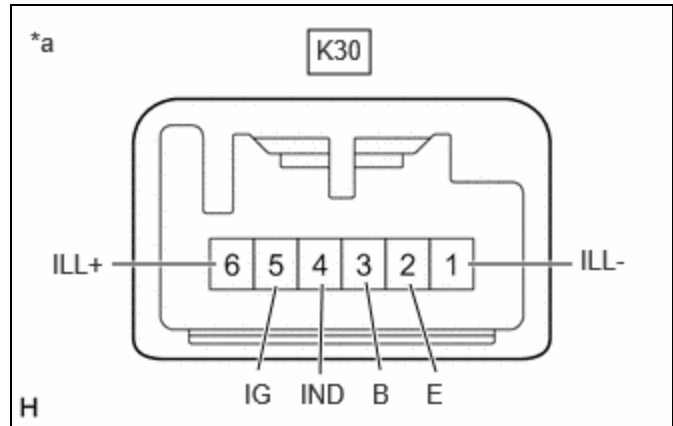
(a) Measure the resistance according to the value(s) in the table below.

Standard Resistance:



[Click Location & Routing\(K30\)](#)

[Click Connector\(K30\)](#)



*a	Component without harness connected (Seat Heater (Rear) Switch)
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TESTER CONNECTION	CONDITION	SPECIFIED CONDITION	RESULT
K30-5 (IG) - K30-2 (E)	Seat Heater switch off	10 kΩ or higher	kΩ
K30-5 (IG) - K30-2 (E)	Seat Heater switch on	Below 1 Ω	Ω

If the result is not as specified, replace the seat heater (rear) switch.

(b) Apply auxiliary battery voltage to the seat heater (rear) switch and check that the illuminates.

OK:

**Switch Illumination**



[Click Location & Routing\(K30\)](#)

[Click Connector\(K30\)](#)

TESTER CONNECTION	CONDITION	SPECIFIED CONDITION
K30-6 (ILL+) → Auxiliary battery positive (+) K30-1 (ILL-) → Auxiliary battery negative (-)	Always	Switch illumination illuminates

OK:

**Switch Indicator**



[Click Location & Routing\(K30\)](#)

[Click Connector\(K30\)](#)

TESTER CONNECTION	CONDITION	SPECIFIED CONDITION
K30-3 (B) → Auxiliary battery positive (+) K30-4 (IND) → Auxiliary battery negative (-)	Always	Switch indicator illuminates

If the result is not as specified, replace the seat heater (rear) switch.

