

Last Modified: 12-04-2024	6.11:8.1.0	Doc ID: RM1000000029AXO
Model Year Start: 2023	Model: Prius Prime	Prod Date Range: [12/2022 -]
Title: WINDOW / GLASS: WINDSHIELD DEICER SWITCH: INSPECTION; 2023 - 2024 MY Prius Prius Prime [12/2022 -]		

INSPECTION

PROCEDURE

1. INSPECT FRONT WINDOW DEICER SWITCH

(a) Check the resistance.

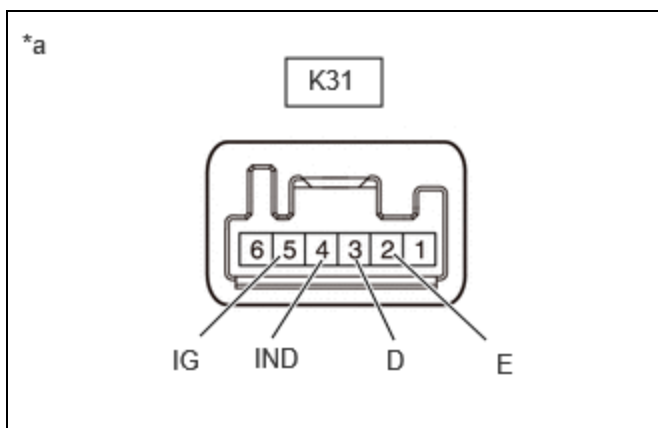
(1) Measure the resistance according to the value(s) in the table below.

Standard Resistance:



[Click Location & Routing\(K31\)](#)

[Click Connector\(K31\)](#)



*a Component without harness connected (Front Window Deicer Switch)

TESTER CONNECTION	SWITCH CONDITION	SPECIFIED CONDITION	RESULT
K31-5 (IG) - K31-2 (E)	Front window deicer switch off	10 kΩ or higher	kΩ
K31-5 (IG) - K31-2 (E)	Front window deicer switch on	Below 1 Ω	Ω

If the result is not as specified, replace the front window deicer switch.

(2) Check the indicator light illuminates.

OK:

AUXILIARY BATTERY CONNECTION	SPECIFIED CONDITION
Auxiliary battery positive (+) → K31-3 (D) Auxiliary battery negative (-) → K31-4 (IND)	Illuminates

If the result is not as specified, replace the front window deicer switch.

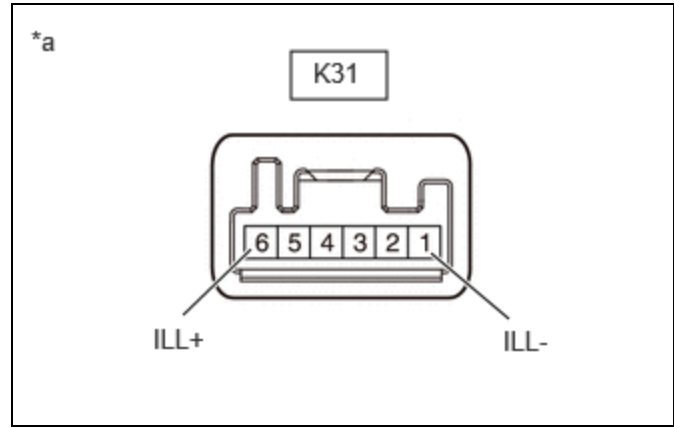
(b) Check the illumination.

(1) Apply auxiliary battery voltage to the connector and check the illumination conditions.

OK:

AUXILIARY BATTERY CONNECTION	SPECIFIED CONDITION
Auxiliary battery positive (+) → K31-6 (ILL+)	Illuminates
Auxiliary battery negative (-) → K31-1 (ILL-)	

If the result is not as specified, replace the front window deicer switch.



*a	Component without harness connected (Front Window Deicer Switch)
----	--

