

<b>Last Modified:</b> 12-04-2024	6.11:8.1.0	<b>Doc ID:</b> RM1000000029ETS
<b>Model Year Start:</b> 2023	<b>Model:</b> Prius Prime	<b>Prod Date Range:</b> [12/2022 - ]
<b>Title:</b> ADVANCED PARK: ADVANCED PARK MAIN SWITCH: INSPECTION; 2023 - 2024 MY Prius Prius Prime [12/2022 - ]		

# INSPECTION

## PROCEDURE

### 1. INSPECT IPA MAIN SWITCH ASSEMBLY

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

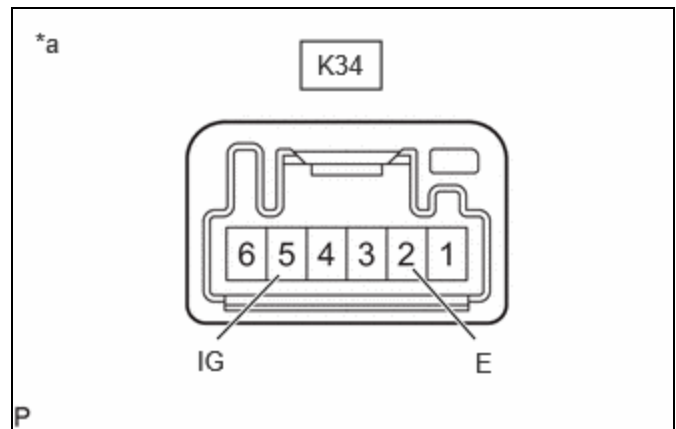
Standard Resistance:



[Click Location & Routing\(K34\).](#)

[Click Connector\(K34\).](#)

TESTER CONNECTION	SWITCH CONDITION	SPECIFIED CONDITION	RESULT
K34-5 (IG) - K34-2 (E)	IPA main switch assembly ON	0 to 20 Ω	Ω
K34-5 (IG) - K34-2 (E)	IPA main switch assembly OFF	10 kΩ or higher	kΩ



*a	Component without harness connected (IPA Main Switch Assembly)
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If the result is not as specified, replace the IPA main switch assembly.

(b) Check that the switch illumination illuminates.

(1) Apply auxiliary battery voltage to the IPA main switch assembly and check that the switch illumination illuminates.

OK:



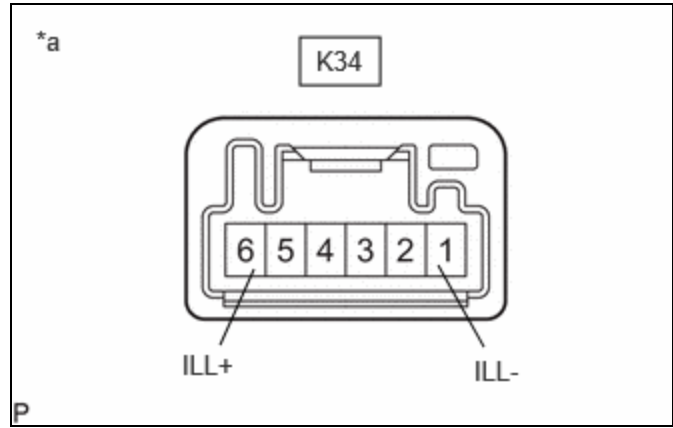
[Click Location & Routing\(K34\).](#)

[Click Connector\(K34\).](#)

TESTER CONNECTION	SPECIFIED CONDITION
Auxiliary battery positive (+) → K34-6 (ILL+)	Illuminates

TESTER CONNECTION	SPECIFIED CONDITION
Auxiliary battery negative (-) → K34-1 (ILL-)	

If the result is not as specified, replace the IPA main switch assembly.



*a	Component without harness connected (IPA Main Switch Assembly)
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