

Last Modified: 12-04-2024	6.11:8.1.0	Doc ID: RM1000000029TP2
Model Year Start: 2023	Model: Prius Prime	Prod Date Range: [12/2022 -]
Title: SEAT: FRONT SEAT CUSHION HEATER (for Manual Seat): INSPECTION; 2023 - 2024 MY Prius Prius Prime [12/2022 -]		

INSPECTION

PROCEDURE

1. INSPECT FRONT SEAT CUSHION HEATER ASSEMBLY RH (w/o Climate Control Seat System)

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

Standard Resistance:

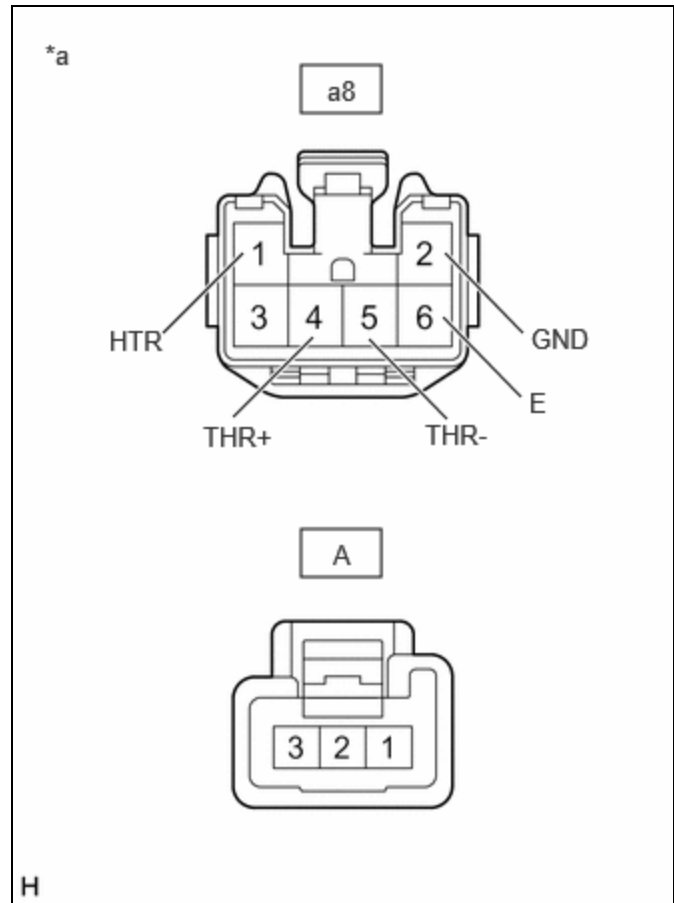


[Click Location & Routing\(a8\).](#)

[Click Connector\(a8\).](#)

TESTER CONNECTION	CONDITION	SPECIFIED CONDITION	RESULT
A-1 - A-3	Seat heater temperature 20°C (68°F)	4.005 to 4.895 Ω	Ω
a8-2(GND) - A-3	Seat heater temperature 20°C (68°F)	Below 1 Ω	Ω
a8-4(THR+) - a8-5(THR-)	Seat heater temperature 25°C (77°F)	7.9 to 8.1 kΩ	kΩ
a8-2(GND) - a8-6(E)	Seat heater temperature 20°C (68°F)	Below 1 Ω	Ω
a8-1(HTR) - a8-2(GND)	Seat heater temperature 20°C (68°F)	4.005 to 4.895 Ω	Ω

If the result is not as specified, replace the front seat cushion heater assembly RH.



*a	Component without harness connected (Front Seat Cushion Heater Assembly RH)
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2. INSPECT FRONT SEAT CUSHION HEATER ASSEMBLY RH (w/ Climate Control Seat System)

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

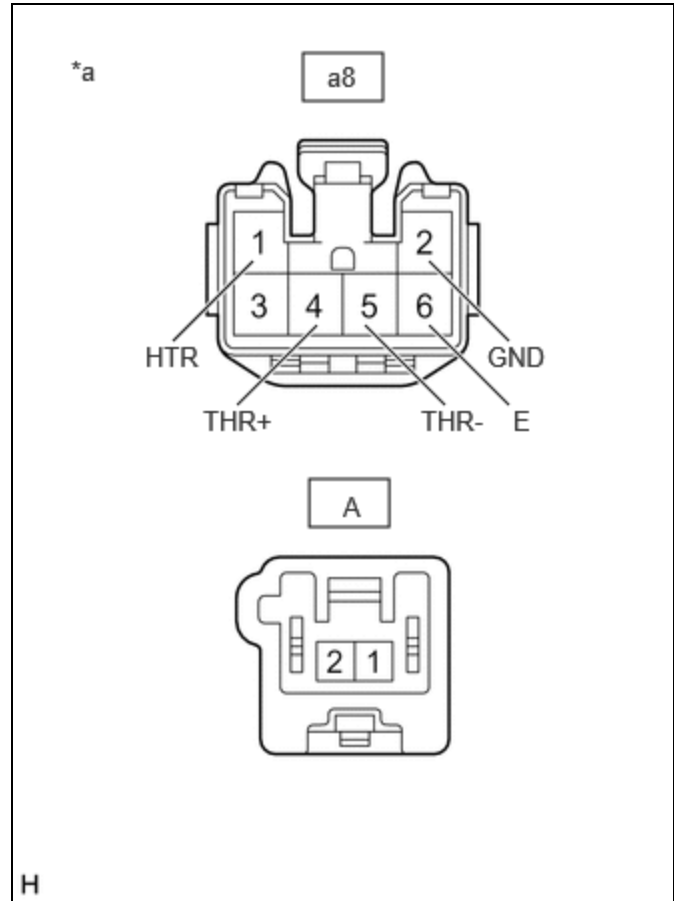
Standard Resistance:



[Click Location & Routing\(a8\)](#)

[Click Connector\(a8\)](#)

TESTER CONNECTION	CONDITION	SPECIFIED CONDITION	RESULT
A-1 - A-2	Seat heater temperature 20°C (68°F)	4.005 to 4.895 Ω	Ω
a8-2 (GND) - A-2	Seat heater temperature 20°C (68°F)	Below 1 Ω	Ω
a8-4 (THR+) - a8-5 (THR-)	Seat heater temperature 25°C (77°F)	7.9 to 8.1 kΩ	kΩ
a8-2 (GND) - a8-6 (E)	Seat heater temperature 20°C (68°F)	Below 1 Ω	Ω
a8-1 (HTR) - a8-2 (GND)	Seat heater temperature 20°C (68°F)	4.005 to 4.895 Ω	Ω



If the result is not as specified, replace the front seat cushion heater assembly RH.

*a	Component without harness connected (Front Seat Cushion Heater Assembly RH)
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3. INSPECT FRONT SEAT CUSHION HEATER ASSEMBLY LH

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

Standard Resistance:



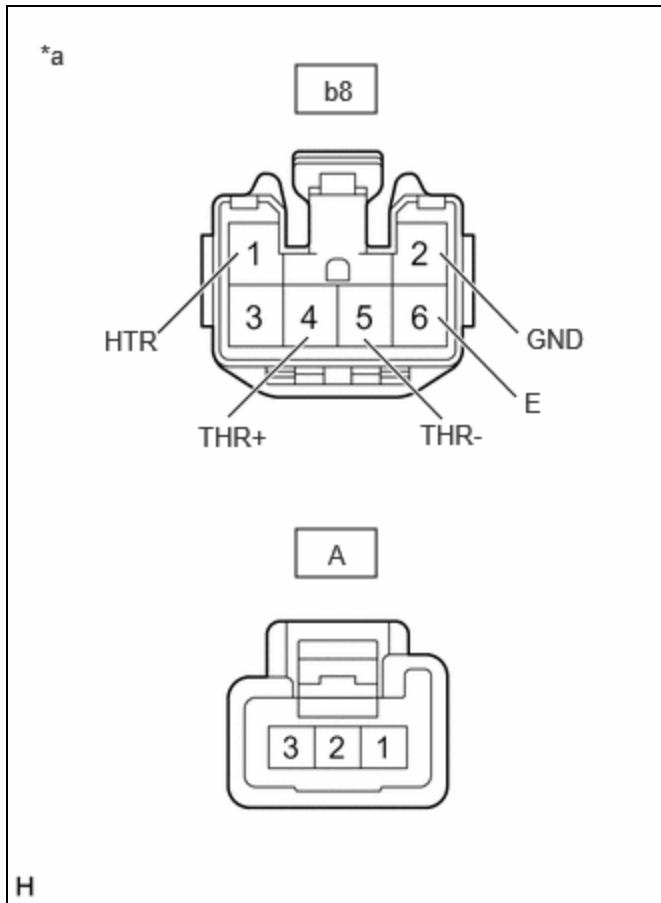
[Click Location & Routing\(b8\)](#)

[Click Connector\(b8\)](#)

TESTER CONNECTION	CONDITION	SPECIFIED CONDITION	RESULT
A-1 - A-3	Seat heater temperature 20°C (68°F)	4.005 to 4.895 Ω	Ω
b8-2(GND) - A-3	Seat heater temperature 20°C (68°F)	Below 1 Ω	Ω

TESTER CONNECTION	CONDITION	SPECIFIED CONDITION	RESULT
b8-4(THR+) - b8-5(THR-)	Seat heater temperature 25°C (77°F)	7.9 to 8.1 kΩ	kΩ
b8-2(GND) - b8-6(E)	Seat heater temperature 20°C (68°F)	Below 1 Ω	Ω
b8-1(HTR) - b8-2(GND)	Seat heater temperature 20°C (68°F)	4.005 to 4.895 Ω	Ω

If the result is not as specified, replace the front seat cushion heater assembly LH.



*a	Component without harness connected (Front Seat Cushion Heater Assembly LH)
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