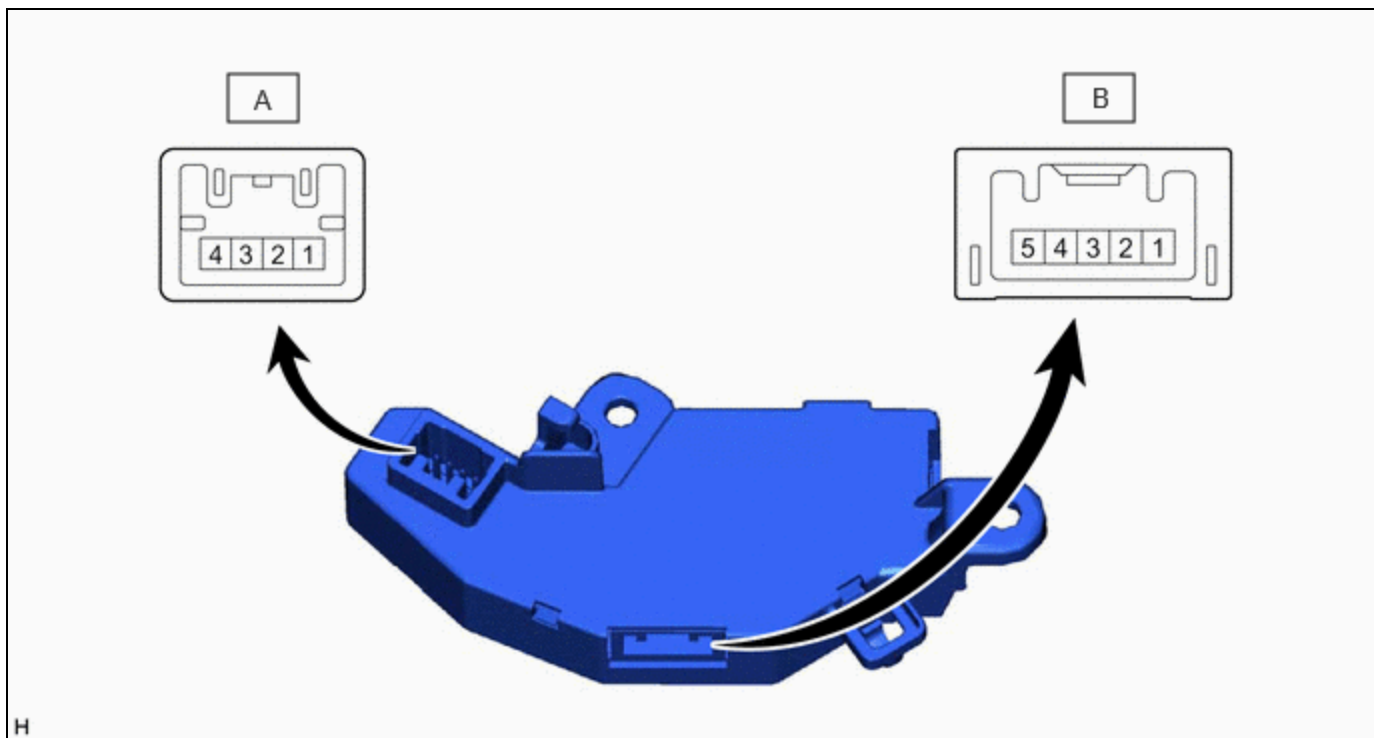


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Model Year Start: 2023	Model: Prius Prime	Prod Date Range: [12/2022 -]
Title: STEERING COLUMN: HEATED STEERING WHEEL SYSTEM: TERMINALS OF ECU; 2023 - 2024 MY Prius Prius Prime [12/2022 -]		

TERMINALS OF ECU

HEATED STEERING WHEEL CONTROLLER (MULTIPLEX NETWORK STEERING ECU)



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

HINT:

Perform the inspection from the harness side with the connectors connected.

TERMINAL NO. (SYMBOL)	TERMINAL DESCRIPTION	CONDITION	SPECIFIED CONDITION
A-1 (GND) - Body ground	Ground	Always	Below 1 Ω
A-2 (CXPI) - Body ground	CXPI communication signal	Power switch ON (IG)	Pulse generation
A-4 (+B) - Body ground	ECU power supply	Power switch OFF	11 to 14 V
B-5 (HETATER +) - Body ground	Heater output signal	Power switch ON (IG), Heated steering wheel system operating	11 to 14 V*1
B-4 (NTC+) - Body ground	Thermistor input signal	Power switch ON (IG), Heated steering wheel system operating	2.5 to 4.8 V*2
B-3 (NTC+) - Body ground	Thermistor ground	Power switch ON (IG), Heated steering wheel system operating	Below 1 V

HINT:

- *1: The current to the heater turns ON/OFF depending on the temperature of the thermistor. As a result, it may take several minutes before a voltage value is output.
- *2: When ambient temperature is 0 to 40°C (32 to 104°F).

