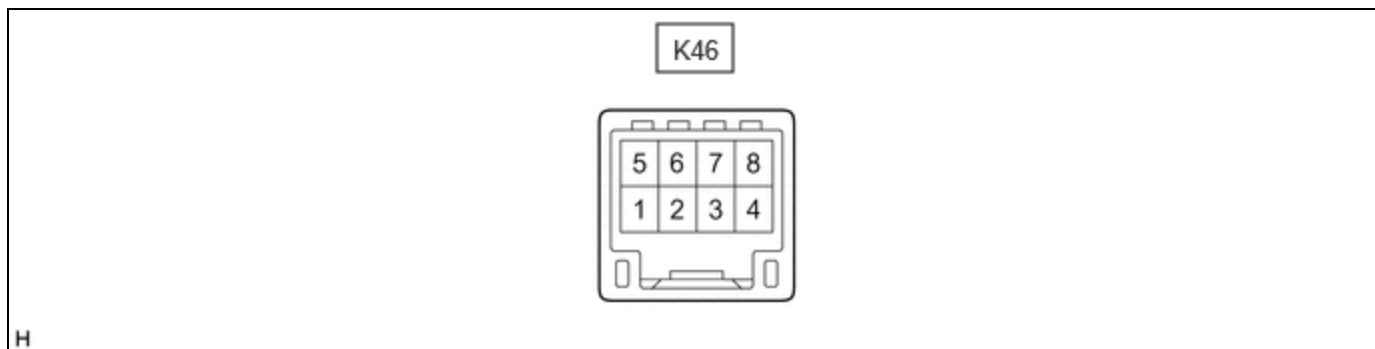


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Model Year Start: 2023	Model: Prius Prime	Prod Date Range: [12/2022 -]
Title: POWER OUTLETS (INT): WIRELESS CHARGING SYSTEM: TERMINALS OF ECU; 2023 - 2024 MY Prius Prius Prime [12/2022 -]		

TERMINALS OF ECU

CHECK MOBILE WIRELESS CHARGER CRADLE ASSEMBLY (FRONT CONSOLE BOX INSERT SUB-ASSEMBLY)



TERMINAL NO. (SYMBOL)	TERMINAL DESCRIPTION	CONDITION	SPECIFIED CONDITION
K46-1 (PGND) - Body ground	Ground	Always	Below 1 V
K46-3 (ACC) - K46-1 (PGND)	Power source (ACC)	Ignition switch ACC	11 to 14 V
		Ignition switch off	Below 1 V
K46-4 (B+) - K46-1 (PGND)	Power source (+B)	Ignition switch off	11 to 14 V
K46-8 (DIS) - Body ground	Charging suspension signal	For 5 seconds after turning ignition switch from off to ACC*1	4.5 to 6.0 V
		Device being charged	Below 1 V
		Charging suspended due to smart entry and start system status*2	4.5 to 6.0 V

*1: When the ignition switch is turned from off to ACC, the mobile wireless charger cradle assembly monitors the charging suspension signal for 5 seconds. If the charging suspension signal is not 4 V or more for 0.8 seconds or more during monitoring, the mobile wireless charger cradle assembly determines that there is an open in the charging suspension signal line, blinks (pattern 1) the indicator light (amber), and prohibits operation until the ignition switch is turned from off to ACC again.

*2: For details about conditions when the certification ECU (smart key ECU assembly) sends the charging suspension signal, refer to System Description.

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