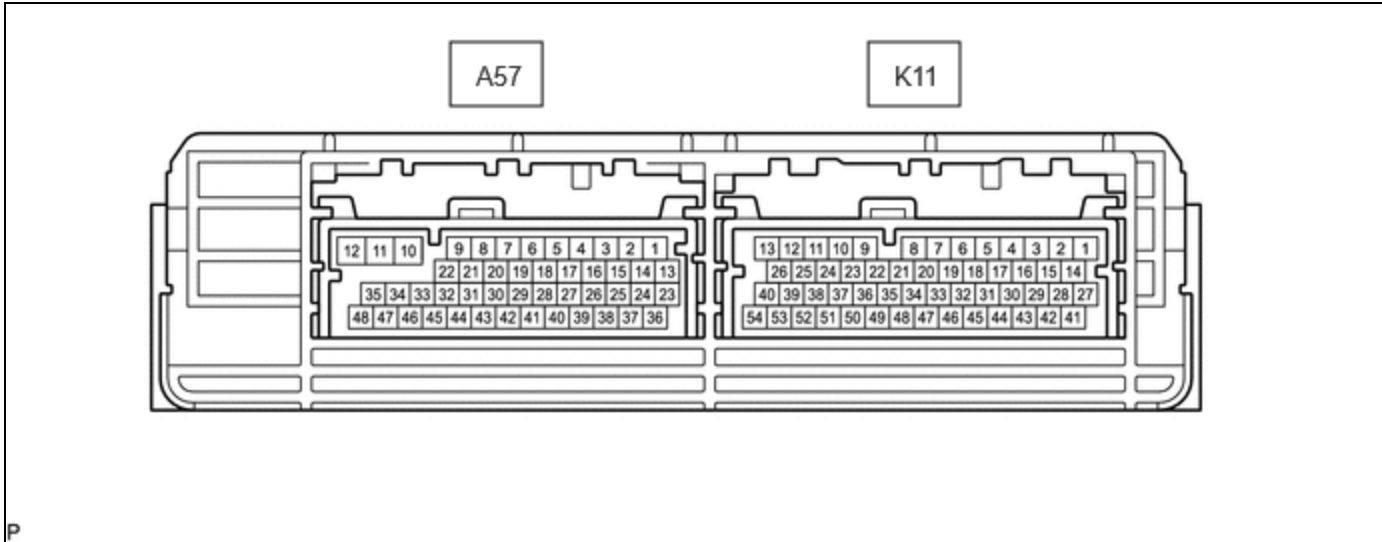


Last Modified: 12-04-2024	6.11:8.1.0	Doc ID: RM10000002A2HI
Model Year Start: 2023	Model: Prius Prime	Prod Date Range: [12/2022 -]
Title: M20A-FXS (BATTERY / CHARGING): CHARGING SYSTEM: TERMINALS OF ECU; 2023 - 2024 MY Prius Prius Prime [12/2022 -]		

TERMINALS OF ECU

HYBRID VEHICLE CONTROL ECU



TERMINAL NO. (SYMBOL)	TERMINAL DESCRIPTION	CONDITION	SPECIFIED CONDITION
A57-1 (HMCL) - K11-1 (E1)	CAN communication signal	Ignition switch ON	Pulse generation (Waveform 1)
A57-2 (HMCH) - K11-1 (E1)	CAN communication signal	Ignition switch ON	Pulse generation (Waveform 1)
A57-16 (LIN3) - K11-1 (E1)	LIN communication signal	Ignition switch ON (READY)	Pulse generation
K11-10 (MREL) - K11-1 (E1)	IGCT relay	Ignition switch ON	11 to 14 V

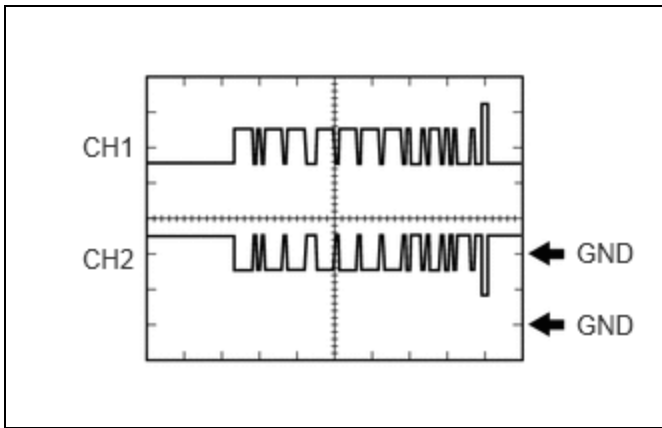
(a) Oscilloscope waveforms

HINT:

Oscilloscope waveform samples are provided here for informational purposes. Noise and fluttering waveforms have been omitted.

(1) Waveform 1 (CAN communication signal)

ITEM	CONTENT
Terminal	CH1: A57-2 (HMCH) - K11-1 (E1) CH2: A57-1 (HMCL) - K11-1 (E1)
Equipment Setting	1 V/DIV., 50 μs./DIV.
Condition	Ignition switch ON



HINT:

The waveform will vary depending on the content of the digital communication (digital signal).

