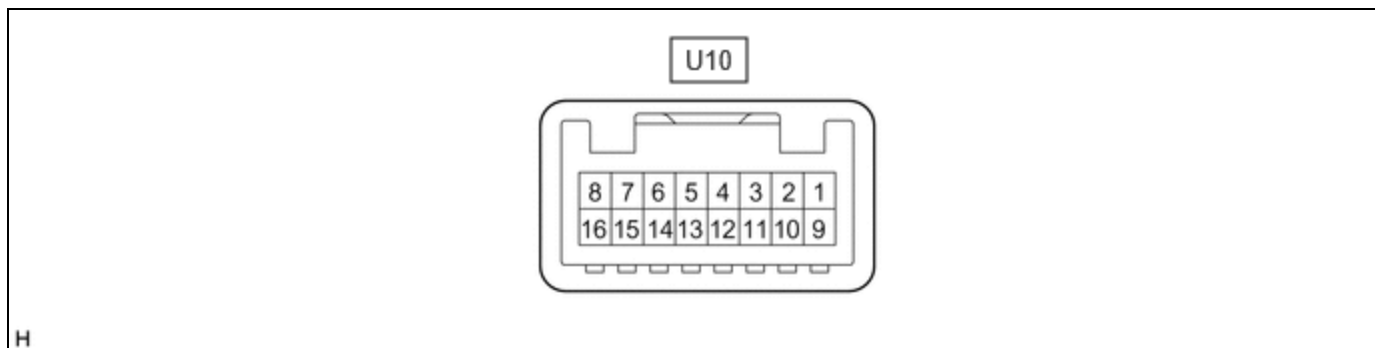


Last Modified: 12-04-2024	6.11:8.1.0	Doc ID: RM1000000289LQ
Model Year Start: 2023	Model: Prius Prime	Prod Date Range: [12/2022 -]
Title: ADVANCED DRIVER ASSISTANCE SYSTEM: FRONT CAMERA SYSTEM: TERMINALS OF ECU; 2023 - 2024 MY Prius Prius Prime [12/2022 -]		

TERMINALS OF ECU

NOTICE:

- DTCs may be output when connectors are disconnected during inspection. Therefore, be sure to clear the DTCs using the GTS once the inspection has been completed.
- Do not apply excessive force to the forward recognition camera connector.



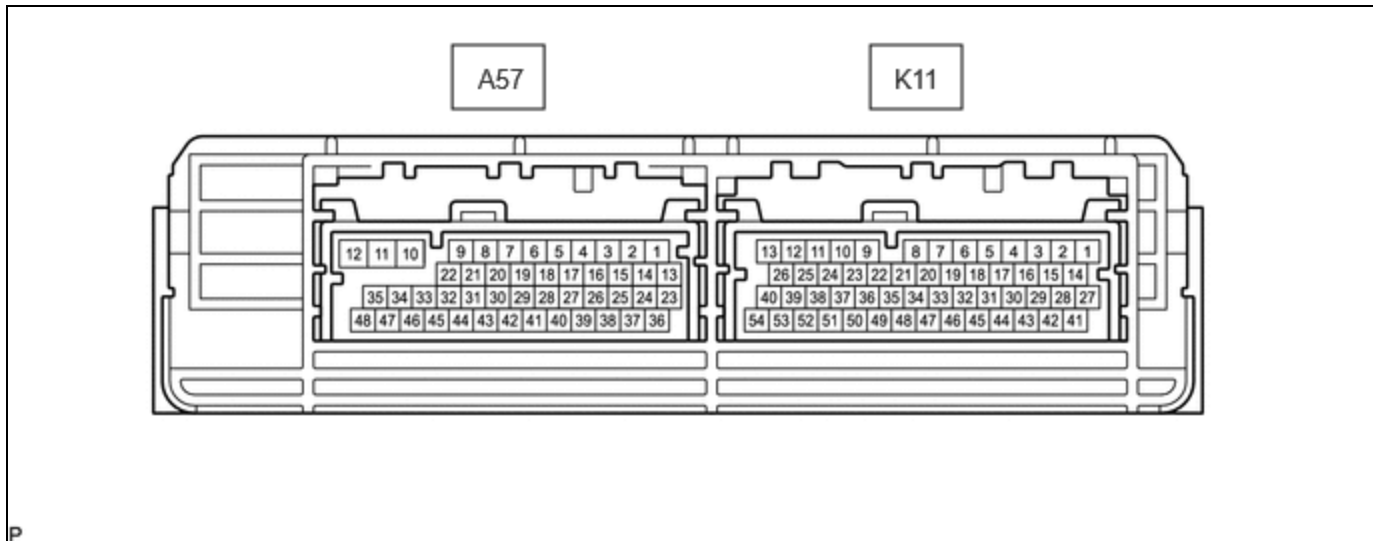
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CHECK FORWARD RECOGNITION CAMERA

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

TERMINAL NO. (SYMBOL)	TERMINAL DESCRIPTION	CONDITION	SPECIFIED CONDITION
U10-1 (CA2L)	CAN communication signal	-	-
U10-2 (CA2P)	CAN communication signal	-	-
U10-3 (CA3L)	CAN communication signal	-	-
U10-4 (CA3H)	CAN communication signal	-	-
U10-5 (LKSW) - U10-13 (GND)	Driving assist mode select switch, LTA switch and Vehicle-to-vehicle distance switch circuit	Driving assist mode select switch, LTA switch and Vehicle-to-vehicle distance switch OFF	10 kΩ or higher
		Driving assist mode select switch pushed	Below 2.5 Ω
		LTA switch pushed	114 to 126 Ω
		Vehicle-to-vehicle distance switch pushed	485 to 536 Ω
U10-8 (HTR) - U10-7 (SGND)	Camera heater circuit	Ignition switch ON, heater operating	11 to 14 V
		Ignition switch ON, heater not operating	Below 1 V
U10-9 (CA1N)	CAN communication signal	-	-
U10-10 (CA1P)	CAN communication signal	-	-
U10-11 (CANL)	CAN communication signal	-	-

TERMINAL NO. (SYMBOL)	TERMINAL DESCRIPTION	CONDITION	SPECIFIED CONDITION
U10-12 (CANH)	CAN communication signal	-	-
U10-16 (IGB) - U10-13 (GND)	Power source (IG)	Ignition switch ON	11 to 14 V
		Ignition switch off	Below 1 V



CHECK HYBRID VEHICLE CONTROL ECU

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

TERMINAL NO. (SYMBOLS)	TERMINAL DESCRIPTION	CONDITION	SPECIFIED CONDITION
K11-29(CCS) - K11-43(CCSG)	Driving assist switch, +RES switch, - switch, CANCEL switch circuit	Driving assist switch, +RES switch, - switch, CANCEL switch OFF	10 kΩ or higher
		Driving assist switch pushed	Below 2.5 Ω
		CANCEL switch pushed	228 to 252 Ω
		+RES switch pushed	599 to 661 Ω
		- switch pushed	1463 to 1617 Ω

