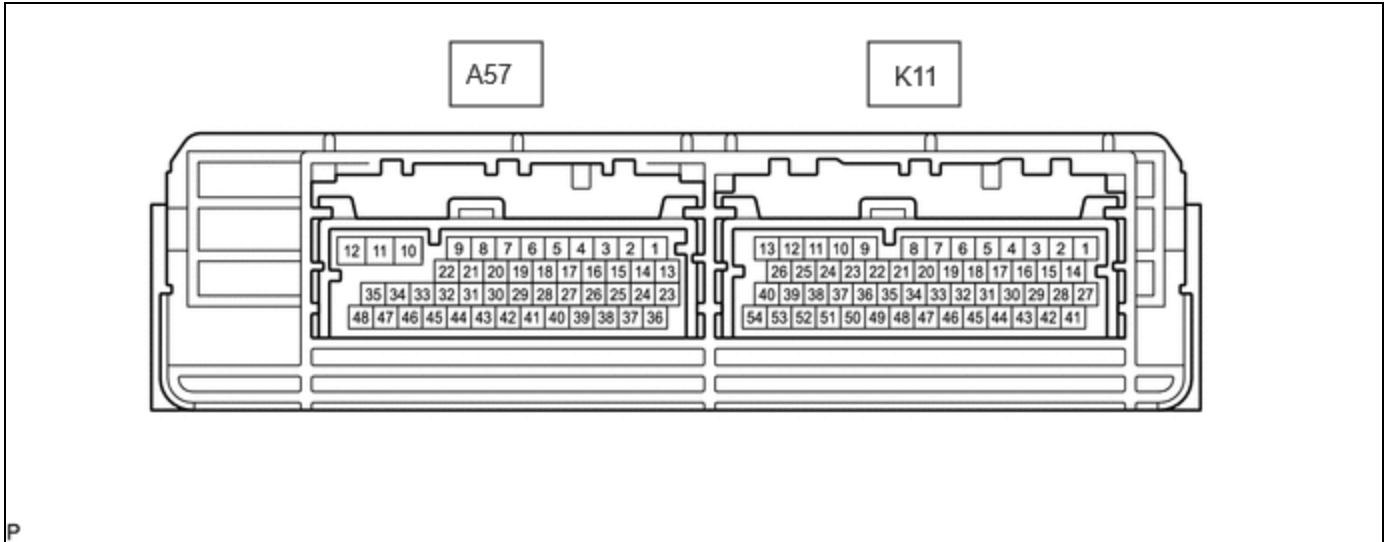


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<b>Model Year Start:</b> 2023	<b>Model:</b> Prius Prime	<b>Prod Date Range:</b> [12/2022 - ]
<b>Title:</b> HYBRID / BATTERY CONTROL: HYBRID CONTROL SYSTEM (for M20A-FXS): TERMINALS OF ECU; 2023 - 2024 MY Prius Prius Prime [12/2022 - ]		

## TERMINALS OF ECU

### HYBRID VEHICLE CONTROL ECU



CONNECTOR CODE	TERMINAL NO.	SYMBOL	TERMINAL DESCRIPTION
K11	1	E1	ECU ground
	2	-	-
	3	SMRB	System main relay operation signal output (SMRB)
	4	-	-
	5	IGB	IGB signal input
	6	-	-
	7	-	-
	8	+B1	Power source (+B)
	9	CA4H	CAN communication signal
	10	MREL	Main relay
	11	ST2	Starter signal input
	12	ABFS	Airbag activation signal input
	13	BATT	Constant power source
	14	-	-
	15	-	-
	16	-	-
	17	-	-

CONNECTOR CODE	TERMINAL NO.	SYMBOL	TERMINAL DESCRIPTION
	18	-	-
	19	-	-
	20	-	-
	21	-	-
	22	CA4L	CAN communication signal
	23	-	-
	24	-	-
	25	-	-
	26	IGP	IGP signal input
	27	SMRG	System main relay operation signal output (SMRG)
	28	-	-
	29	CCS	Cruise control main switch input
	30	-	-
	31	-	-
	32	ILK	Interlock switch input
	33	EVSW	EV drive mode switch signal input
	34	SBFS	Electronic shift lever system fail-safe signal
	35	-	-
	36	-	-
	37	DMS-	Drive mode switch signal input
	38	DMS+	Drive mode switch signal input
	39	IMO	ID code box (immobiliser code ECU) communication output
	40	-	-
	41	-	-
	42	-	-
	43	CCSG	Cruise control main switch ground
	44	-	-
	45	-	-
	46	-	-
	47	RMTG	Rear motor temperature sensor ground
	48	RMT	Rear motor temperature sensor
	49	CA3N	CAN communication signal
	50	CA3P	CAN communication signal
	51	CA1H	CAN communication signal
	52	CA1L	CAN communication signal

CONNECTOR CODE	TERMINAL NO.	SYMBOL	TERMINAL DESCRIPTION
	53	IMI	ID code box (immobiliser code ECU) communication input
	54	-	-
A57	1	HMCL	MG ECU communication request signal
	2	HMCH	MG ECU communication request signal
	3	-	-
	4	-	-
	5	-	-
	6	-	-
	7	ST1-	Brake cancel switch input
	8	IGR	IGR signal input
	9	HSDN	MG ECU shutdown signal output
	10	-	-
	11	-	-
	12	E01	ECU ground
	13	DRN5	
	14	-	-
	15	-	-
	16	LIN3	LIN communication signal
	17	-	-
	18	-	-
	19	-	-
	20	-	-
	21	-	-
	22	STP	Stop light switch signal input
	23	-	-
	24	E12	ECU ground
	25	EPA2	Accelerator pedal sensor assembly ground
	26	VCP2	Accelerator pedal sensor assembly power source
	27	-	-
	28	-	-
	29	-	-
	30	-	-
	31	-	-
	32	IWP	Inverter water pump assembly signal output
	33	NIWP	Inverter water pump assembly signal input

CONNECTOR CODE	TERMINAL NO.	SYMBOL	TERMINAL DESCRIPTION
	34	-	-
	35	DDFS	DC/DC converter fail-safe signal
	36	VPA	Accelerator pedal position detection
	37	EPA	Accelerator pedal sensor assembly ground
	38	VCPA	Accelerator pedal sensor assembly power source
	39	VPA2	Accelerator pedal position detection
	40	-	-
	41	-	-
	42	-	-
	43	-	-
	44	-	-
	45	-	-
	46	-	-
	47	-	-
	48	-	-

