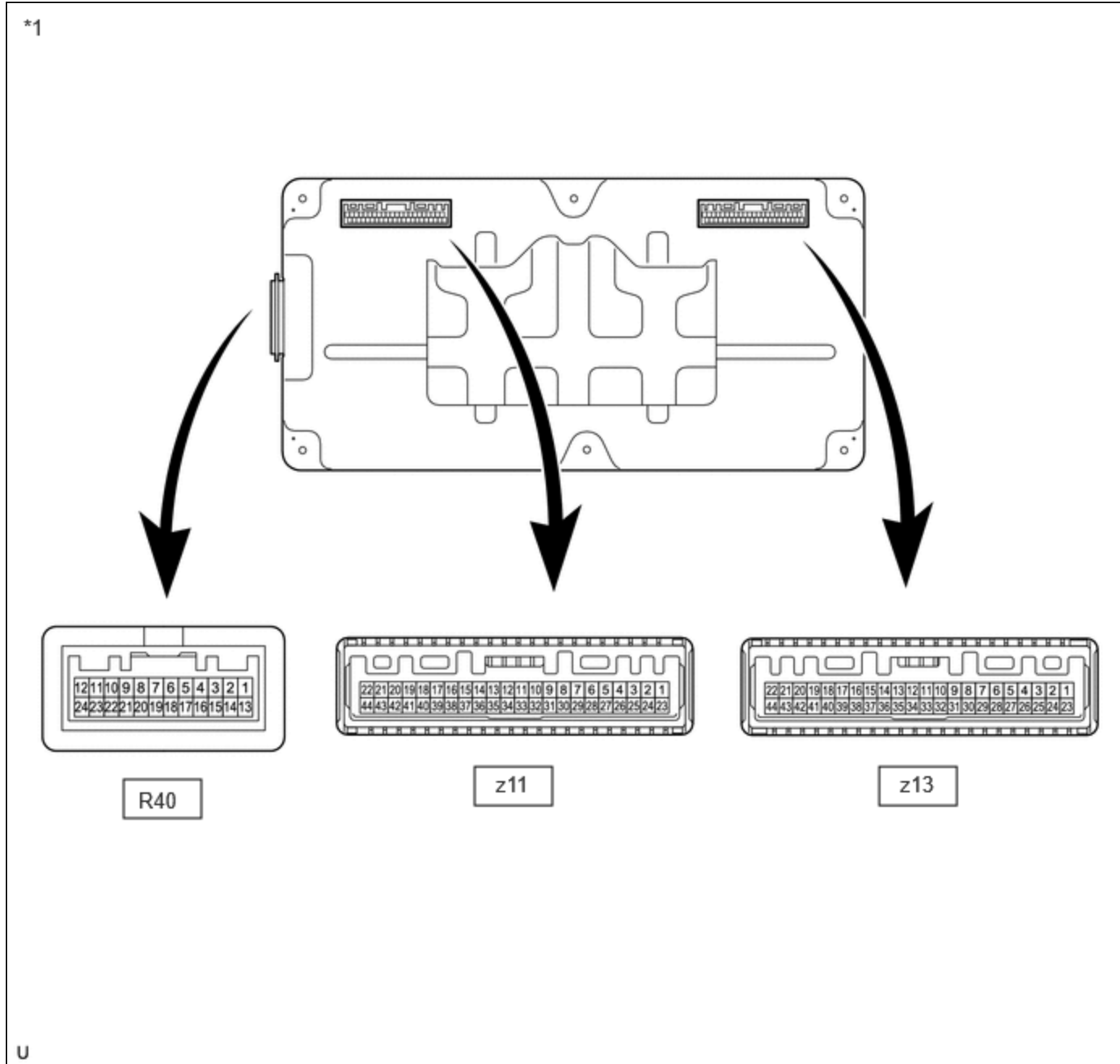


Last Modified: 12-04-2024	6.11:8.1.0	Doc ID: RM100000029A52
Model Year Start: 2023	Model: Prius Prime	Prod Date Range: [12/2022 -]
Title: HYBRID / BATTERY CONTROL: HYBRID BATTERY SYSTEM (for M20A-FXS): TERMINALS OF ECU; 2023 - 2024 MY Prius Prius Prime [12/2022 -]		

TERMINALS OF ECU



*1	Battery ECU Assembly	-	-
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Battery ECU Assembly

CONNECTOR CODE	TERMINAL NO.	SYMBOL	TERMINAL DESCRIPTION
R40	1	TC0	Intake air temperature sensor signal
	2	GC0	Intake air temperature sensor ground

CONNECTOR CODE	TERMINAL NO.	SYMBOL	TERMINAL DESCRIPTION
	3	-	-
	4	-	-
	5	IB0	Battery current sensor 0 signal
	6	IB1	Battery current sensor 1 signal
	7	-	-
	8	CA2L	CAN communication signal
	9	CA2H	CAN communication signal
	10	GND	Ground
	11	-	-
	12	IGCT	Power source
	13	FP0	HV battery cooling blower monitor signal
	14	SI0	HV battery cooling blower operation signal
	15	-	-
	16	-	-
	17	VIB	Power source for battery current sensor
	18	GIB	Battery current sensor ground
	19	C2LB	CAN communication signal
	20	C2HB	CAN communication signal
	21	CA1L	CAN communication signal
	22	CA1H	CAN communication signal
	23	-	-
	24	AM	Constant power source
z11	1	-	-
	2	-	-
	3	VA29	HV Battery Cell Voltage
	4	VA27	HV Battery Cell Voltage
	5	VA25	HV Battery Cell Voltage
	6	VA23	HV Battery Cell Voltage
	7	VA22	HV Battery Cell Voltage
	8	-	-
	9	VA20	HV Battery Cell Voltage
	10	VA18	HV Battery Cell Voltage
	11	VA16	HV Battery Cell Voltage
	12	VA14	HV Battery Cell Voltage
	13	VA12	HV Battery Cell Voltage

CONNECTOR CODE	TERMINAL NO.	SYMBOL	TERMINAL DESCRIPTION
	14	VA10	HV Battery Cell Voltage
	15	VA8	HV Battery Cell Voltage
	16	VA6	HV Battery Cell Voltage
	17	VA4	HV Battery Cell Voltage
	18	VA2	HV Battery Cell Voltage
	19	GA0	HV Battery Cell Voltage
	20	CD0	HV battery judgment signal
	21	TB1	HV battery temperature sensor 1
	22	GB0	HV battery temperature sensor 0 and 2 ground
	23	VA30	HV Battery Cell Voltage
	24	-	-
	25	-	-
	26	VA28	HV Battery Cell Voltage
	27	VA26	HV Battery Cell Voltage
	28	VA24	HV Battery Cell Voltage
	29	GA1	HV Battery Cell Voltage
	30	-	-
	31	VA21	HV Battery Cell Voltage
	32	VA19	HV Battery Cell Voltage
	33	VA17	HV Battery Cell Voltage
	34	VA15	HV Battery Cell Voltage
	35	VA13	HV Battery Cell Voltage
	36	VA11	HV Battery Cell Voltage
	37	VA9	HV Battery Cell Voltage
	38	VA7	HV Battery Cell Voltage
	39	VA5	HV Battery Cell Voltage
	40	VA3	HV Battery Cell Voltage
	41	VA1	HV Battery Cell Voltage
	42	GD0	HV battery temperature sensor 1 ground
	43	TB2	HV battery temperature sensor 2
	44	TB0	HV battery temperature sensor 0
z13	1	-	-
	2	VA58	HV Battery Cell Voltage
	3	VA56	HV Battery Cell Voltage
	4	VA54	HV Battery Cell Voltage

CONNECTOR CODE	TERMINAL NO.	SYMBOL	TERMINAL DESCRIPTION
	5	VA52	HV Battery Cell Voltage
	6	VA50	HV Battery Cell Voltage
	7	VA48	HV Battery Cell Voltage
	8	VA46	HV Battery Cell Voltage
	9	VA44	HV Battery Cell Voltage
	10	VA42	HV Battery Cell Voltage
	11	VA40	HV Battery Cell Voltage
	12	VA38	HV Battery Cell Voltage
	13	GD1	HV battery temperature sensor 4 ground
	14	TB5	HV battery temperature sensor 5
	15	TB3	HV battery temperature sensor 3
	16	VA37	HV Battery Cell Voltage
	17	-	-
	18	-	-
	19	VA36	HV Battery Cell Voltage
	20	VA34	HV Battery Cell Voltage
	21	VA32	HV Battery Cell Voltage
	22	VAD	HV Battery Cell Voltage
	23	VA60	HV Battery Cell Voltage
	24	VA59	HV Battery Cell Voltage
	25	VA57	HV Battery Cell Voltage
	26	VA55	HV Battery Cell Voltage
	27	VA53	HV Battery Cell Voltage
	28	VA51	HV Battery Cell Voltage
	29	VA49	HV Battery Cell Voltage
	30	VA47	HV Battery Cell Voltage
	31	VA45	HV Battery Cell Voltage
	32	VA43	HV Battery Cell Voltage
	33	VA41	HV Battery Cell Voltage
	34	VA39	HV Battery Cell Voltage
	35	GA2	HV Battery Cell Voltage
	36	CD1	HV battery judgment signal
	37	TB4	HV battery temperature sensor 4
	38	GB1	HV battery temperature sensor 3 and 5 ground
	39	-	-

CONNECTOR CODE	TERMINAL NO.	SYMBOL	TERMINAL DESCRIPTION
	40	-	-
	41	-	-
	42	VA35	HV Battery Cell Voltage
	43	VA33	HV Battery Cell Voltage
	44	VA31	HV Battery Cell Voltage

