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Model Year Start: 2023	Model: Prius Prime	Prod Date Range: [03/2023 -]
Title: HYBRID / BATTERY CONTROL: HYBRID BATTERY SYSTEM (for PHEV Model): DIAGNOSTIC TROUBLE CODE CHART; 2023 - 2024 MY Prius Prime [03/2023 -]		

DIAGNOSTIC TROUBLE CODE CHART

HYBRID BATTERY SYSTEM

DTC NO.	DETECTION ITEM	MIL	WARNING INDICATE	DTC OUTPUT FROM	PRIORITY	NOTE	LINK
P056014	System Voltage (BATT) Circuit Short to Ground or Open	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P0562	INFO
P060629	Hybrid/EV Battery Energy Control Module Processor to Monitoring Processor Signal Invalid	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P0606	INFO
P060687	Hybrid/EV Battery Energy Control Module Processor to Monitoring Processor Missing Message	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P0606	INFO
P060A47	Hybrid/EV Battery Energy Control Module Monitoring Processor Watchdog / Safety MCU Failure	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P060A	INFO
P060A87	Hybrid/EV Battery Energy Control Module Processor from Monitoring Processor Missing Message	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P060A	INFO
P060B49	Hybrid/EV Battery Energy Control Module A/D Processing Internal Electronic Failure	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P060B	INFO
P062F44	Hybrid/EV Battery Energy Control Module EEPROM Data Memory Failure	Comes on	Master Warning: Does not come on	HV Battery	A	SAE Code: P062F	INFO
P062F46	Hybrid/EV Battery Energy Control Module EEPROM Calibration / Parameter Memory Failure	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P062F	INFO

DTC NO.	DETECTION ITEM	MIL	WARNING INDICATE	DTC OUTPUT FROM	PRIORITY	NOTE	LINK
P0A1D94	Hybrid/EV Powertrain Control Module Unexpected Operation	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P0A1D	INFO
P0A9563	High Voltage Fuse Accumulated Load History	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P0A95	INFO
P0A9B11	Hybrid/EV Battery Temperature Sensor "A" Circuit Short to Ground	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P0A9D	INFO
P0A9B15	Hybrid/EV Battery Temperature Sensor "A" Circuit Short to Auxiliary Battery or Open	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P0A9E	INFO
P0A9B1C	Hybrid/EV Battery Temperature Sensor "A" Voltage Out of Range	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P0A9C	INFO
P0A9B2A	Hybrid/EV Battery Temperature Sensor "A" Signal Stuck In Range	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P0A9C	INFO
P0AA749	Hybrid/EV Battery Voltage Isolation Sensor Circuit Internal Electronic Failure	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P0AA7	INFO
P0ABF11	Hybrid/EV Battery Current Sensor "A" Circuit Short to Ground	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P0AC1	INFO
P0ABF15	Hybrid/EV Battery Current Sensor "A" Circuit Short to Auxiliary Battery or Open	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P0AC2	INFO
P0ABF28	Hybrid/EV Battery Current Sensor "A" Signal Bias Level Out of Range / Zero Adjustment Failure	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P0AC0	INFO
P0ABF2A	Hybrid/EV Battery Current Sensor "A" Signal Stuck In Range	Comes on	Master Warning:	HV Battery	A	SAE Code:	INFO

DTC NO.	DETECTION ITEM	MIL	WARNING INDICATE	DTC OUTPUT FROM	PRIORITY	NOTE	LINK
			Comes on			P0AC0	
P0AC511	Hybrid/EV Battery Temperature Sensor "B" Circuit Short to Ground	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P0AC7	INFO
P0AC515	Hybrid/EV Battery Temperature Sensor "B" Circuit Short to Auxiliary Battery or Open	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P0AC8	INFO
P0AC51C	Hybrid/EV Battery Temperature Sensor "B" Voltage Out of Range	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P0AC6	INFO
P0AC52A	Hybrid/EV Battery Temperature Sensor "B" Signal Stuck In Range	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P0AC6	INFO
P0ACA11	Hybrid/EV Battery Temperature Sensor "C" Circuit Short to Ground	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P0ACC	INFO
P0ACA15	Hybrid/EV Battery Temperature Sensor "C" Circuit Short to Auxiliary Battery or Open	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P0ACD	INFO
P0ACA1C	Hybrid/EV Battery Temperature Sensor "C" Voltage Out of Range	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P0ACB	INFO
P0ACA2A	Hybrid/EV Battery Temperature Sensor "C" Signal Stuck In Range	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P0ACB	INFO
P0AE811	Hybrid/EV Battery Temperature Sensor "D" Circuit Short to Ground	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P0AEA	INFO
P0AE815	Hybrid/EV Battery Temperature Sensor "D" Circuit Short to Auxiliary Battery or Open	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P0AEB	INFO

DTC NO.	DETECTION ITEM	MIL	WARNING INDICATE	DTC OUTPUT FROM	PRIORITY	NOTE	LINK
P0AE81C	Hybrid/EV Battery Temperature Sensor "D" Voltage Out of Range	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P0AE9	INFO
P0AE82A	Hybrid/EV Battery Temperature Sensor "D" Signal Stuck In Range	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P0AE9	INFO
P0B0E11	Hybrid/EV Battery Current Sensor "B" Circuit Short to Ground	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P0B10	INFO
P0B0E15	Hybrid/EV Battery Current Sensor "B" Circuit Short to Auxiliary Battery or Open	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P0B11	INFO
P0B1362	Hybrid/EV Battery Current Sensor "A"/"B" Signal Compare Failure	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P0B13	INFO
P0BC211	Hybrid/EV Battery Temperature Sensor "E" Circuit Short to Ground	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P0BC4	INFO
P0BC215	Hybrid/EV Battery Temperature Sensor "E" Circuit Short to Auxiliary Battery or Open	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P0BC5	INFO
P0BC21C	Hybrid/EV Battery Temperature Sensor "E" Voltage Out of Range	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P0BC3	INFO
P0BC22A	Hybrid/EV Battery Temperature Sensor "E" Signal Stuck In Range	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P0BC3	INFO
P0C3000	Hybrid/EV Battery State of Charge High	Does not come on	Master Warning: Comes on	HV Battery	A	SAE Code: P0C30	INFO
P0C3200	Hybrid/EV Battery Cooling System "A" Performance	Comes on	Master Warning:	HV Battery	A	SAE Code:	INFO

DTC NO.	DETECTION ITEM	MIL	WARNING INDICATE	DTC OUTPUT FROM	PRIORITY	NOTE	LINK
			Comes on			P0C32	
P0C3311	Hybrid/EV Battery Temperature Sensor "F" Circuit Short to Ground	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P0C35	INFO
P0C3315	Hybrid/EV Battery Temperature Sensor "F" Circuit Short to Auxiliary Battery or Open	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P0C36	INFO
P0C331C	Hybrid/EV Battery Temperature Sensor "F" Voltage Out of Range	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P0C34	INFO
P0C332A	Hybrid/EV Battery Temperature Sensor "F" Signal Stuck In Range	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P0C34	INFO
P0C4211	Hybrid/EV Battery Pack Coolant Temperature Sensor "A" Circuit Low Circuit Short to Ground	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P0C44	INFO
P0C4215	Hybrid/EV Battery Pack Coolant Temperature Sensor "A" Circuit High Circuit Short to Auxiliary Battery or Open	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P0C45	INFO
P0C7C11	Hybrid/EV Battery Temperature Sensor "G" Circuit Short to Ground	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P0C7E	INFO
P0C7C15	Hybrid/EV Battery Temperature Sensor "G" Circuit Short to Auxiliary Battery or Open	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P0C7F	INFO
P0C7C1C	Hybrid/EV Battery Temperature Sensor "G" Voltage Out of Range	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P0C7D	INFO
P0C7C2A	Hybrid/EV Battery Temperature Sensor "G" Signal Stuck In Range	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P0C7D	INFO

DTC NO.	DETECTION ITEM	MIL	WARNING INDICATE	DTC OUTPUT FROM	PRIORITY	NOTE	LINK
P0C8111	Hybrid/EV Battery Temperature Sensor "H" Circuit Short to Ground	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P0C83	INFO
P0C8115	Hybrid/EV Battery Temperature Sensor "H" Circuit Short to Auxiliary Battery or Open	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P0C84	INFO
P0C811C	Hybrid/EV Battery Temperature Sensor "H" Voltage Out of Range	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P0C82	INFO
P0C812A	Hybrid/EV Battery Temperature Sensor "H" Signal Stuck In Range	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P0C82	INFO
P0C8811	Hybrid/EV Battery Temperature Sensor "I" Circuit Short to Ground	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P0C8A	INFO
P0C8815	Hybrid/EV Battery Temperature Sensor "I" Circuit Short to Auxiliary Battery or Open	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P0C8B	INFO
P0C881C	Hybrid/EV Battery Temperature Sensor "I" Voltage Out of Range	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P0C89	INFO
P0C882A	Hybrid/EV Battery Temperature Sensor "I" Signal Stuck In Range	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P0C89	INFO
P0C8D11	Hybrid/EV Battery Temperature Sensor "J" Circuit Short to Ground	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P0C8F	INFO
P0C8D15	Hybrid/EV Battery Temperature Sensor "J" Circuit Short to Auxiliary Battery or Open	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P0C90	INFO
P0C8D1C	Hybrid/EV Battery Temperature Sensor "J" Voltage Out of Range	Comes on	Master Warning:	HV Battery	A	SAE Code:	INFO

DTC NO.	DETECTION ITEM	MIL	WARNING INDICATE	DTC OUTPUT FROM	PRIORITY	NOTE	LINK
			Comes on			P0C8E	
P0C8D2A	Hybrid/EV Battery Temperature Sensor "J" Signal Stuck In Range	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P0C8E	INFO
P0C9211	Hybrid/EV Battery Temperature Sensor "K" Circuit Short to Ground	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P0C94	INFO
P0C9215	Hybrid/EV Battery Temperature Sensor "K" Circuit Short to Auxiliary Battery or Open	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P0C95	INFO
P0C921C	Hybrid/EV Battery Temperature Sensor "K" Voltage Out of Range	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P0C93	INFO
P0C922A	Hybrid/EV Battery Temperature Sensor "K" Signal Stuck In Range	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P0C93	INFO
P0C9711	Hybrid/EV Battery Temperature Sensor "L" Circuit Short to Ground	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P0C99	INFO
P0C9715	Hybrid/EV Battery Temperature Sensor "L" Circuit Short to Auxiliary Battery or Open	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P0C9A	INFO
P0C971C	Hybrid/EV Battery Temperature Sensor "L" Voltage Out of Range	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P0C98	INFO
P0C972A	Hybrid/EV Battery Temperature Sensor "L" Signal Stuck In Range	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P0C98	INFO
P0CA811	Hybrid/EV Battery Temperature Sensor "M" Circuit Short to Ground	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P0CAA	INFO

DTC NO.	DETECTION ITEM	MIL	WARNING INDICATE	DTC OUTPUT FROM	PRIORITY	NOTE	LINK
P0CA815	Hybrid/EV Battery Temperature Sensor "M" Circuit Short to Auxiliary Battery or Open	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P0CAB	INFO
P0CA81C	Hybrid/EV Battery Temperature Sensor "M" Voltage Out of Range	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P0CA9	INFO
P0CA82A	Hybrid/EV Battery Temperature Sensor "M" Signal Stuck In Range	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P0CA9	INFO
P0CAD11	Hybrid/EV Battery Temperature Sensor "N" Circuit Short to Ground	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P0CAF	INFO
P0CAD15	Hybrid/EV Battery Temperature Sensor "N" Circuit Short to Auxiliary Battery or Open	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P0CB0	INFO
P0CAD1C	Hybrid/EV Battery Temperature Sensor "N" Voltage Out of Range	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P0CAE	INFO
P0CAD2A	Hybrid/EV Battery Temperature Sensor "N" Signal Stuck In Range	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P0CAE	INFO
P0CB211	Hybrid/EV Battery Temperature Sensor "O" Circuit Short to Ground	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P0CB4	INFO
P0CB215	Hybrid/EV Battery Temperature Sensor "O" Circuit Short to Auxiliary Battery or Open	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P0CB5	INFO
P0CB21C	Hybrid/EV Battery Temperature Sensor "O" Voltage Out of Range	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P0CB3	INFO
P0CB22A	Hybrid/EV Battery Temperature Sensor "O" Signal Stuck In Range	Comes on	Master Warning:	HV Battery	A	SAE Code:	INFO

DTC NO.	DETECTION ITEM	MIL	WARNING INDICATE	DTC OUTPUT FROM	PRIORITY	NOTE	LINK
			Comes on			P0CB3	
P0CD511	Hybrid/EV Battery Pack Coolant Temperature Sensor "B" Circuit Low Circuit Short to Ground	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P0CD7	INFO
P0CD515	Hybrid/EV Battery Pack Coolant Temperature Sensor "B" Circuit High Circuit Short to Auxiliary Battery or Open	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P0CD8	INFO
P0D0A11	Hybrid/EV Battery Charging System Positive Contactor Control Circuit Short to Ground	Comes on / Does not come on	Master Warning: Comes on	HV Battery	A	SAE Code: P0D0C	INFO
P0D0A15	Hybrid/EV Battery Charging System Positive Contactor Control Circuit Short to Auxiliary Battery or Open	Comes on / Does not come on	Master Warning: Comes on	HV Battery	A	SAE Code: P0D0D	INFO
P0D1111	Hybrid/EV Battery Charging System Negative Contactor Control Circuit Short to Ground	Comes on / Does not come on	Master Warning: Comes on	HV Battery	A	SAE Code: P0D13	INFO
P0D1115	Hybrid/EV Battery Charging System Negative Contactor Control Circuit Short to Auxiliary Battery or Open	Comes on / Does not come on	Master Warning: Comes on	HV Battery	A	SAE Code: P0D14	INFO
P0D1A18	Hybrid/EV Battery Pack Coolant Control Valve "B" Control Circuit Low Circuit Current Below Threshold	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P0D1D	INFO
P0D1A19	Hybrid/EV Battery Pack Coolant Control Valve "B" Control Circuit High Circuit Current Above Threshold	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P0D1E	INFO
P0D1A71	Hybrid/EV Battery Pack Coolant Control Valve "B" Performance/Stuck Off Actuator Stuck	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P0D1B	INFO
P0E2D00	Hybrid/EV Battery Energy Control Module Hybrid/EV Battery Monitor Performance	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P0E2D	INFO

DTC NO.	DETECTION ITEM	MIL	WARNING INDICATE	DTC OUTPUT FROM	PRIORITY	NOTE	LINK
P0E6D11	Hybrid/EV Battery Charging System Precharge Contactor Control Circuit Short to Ground	Comes on / Does not come on	Master Warning: Comes on	HV Battery	A	SAE Code: P0E6F	INFO
P0E6D15	Hybrid/EV Battery Charging System Precharge Contactor Control Circuit Short to Auxiliary Battery or Open	Comes on / Does not come on	Master Warning: Comes on	HV Battery	A	SAE Code: P0E70	INFO
P19CF62	Hybrid/EV Battery Pack Coolant Temperature Sensor System Signal Compare Failure	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P19CF	INFO
P1A001C	Hybrid Battery Stack 2 Cell Voltage Detection Voltage Out of Range	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P1A00	INFO
P1A051C	Hybrid Battery Stack 3 Cell Voltage Detection Voltage Out of Range	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P1A05	INFO
P1A6017	Hybrid/EV Battery Stack 2 Cell Circuit Voltage Above Threshold	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P1A60	INFO
P1A6116	Hybrid/EV Battery Stack 2 Cell Circuit Voltage Below Threshold	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P1A61	INFO
P1A6317	Hybrid/EV Battery Stack 3 Cell Circuit Voltage Above Threshold	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P1A63	INFO
P1A6416	Hybrid/EV Battery Stack 3 Cell Circuit Voltage Below Threshold	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P1A64	INFO
P1A8000	Hybrid/EV Battery Stack 1 Delta SOC High	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P1A80	INFO
P1A8100	Hybrid/EV Battery Stack 1 Delta SOC High (Extreme)	Comes on	Master Warning:	HV Battery	A	SAE Code:	INFO

DTC NO.	DETECTION ITEM	MIL	WARNING INDICATE	DTC OUTPUT FROM	PRIORITY	NOTE	LINK
			Comes on			P1A81	
P1A8500	Hybrid/EV Battery Stack 2 Delta SOC High	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P1A85	INFO
P1A8600	Hybrid/EV Battery Stack 2 Delta SOC High (Extreme)	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P1A86	INFO
P1A8A00	Hybrid/EV Battery Stack 3 Delta SOC High	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P1A8A	INFO
P1A8B00	Hybrid/EV Battery Stack 3 Delta SOC High (Extreme)	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P1A8B	INFO
P1AC413	Hybrid/EV Battery Stack 1 Current Interrupt Device Circuit Open	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P1AC4	INFO
P1AC49E	Hybrid/EV Battery Stack 1 Current Interrupt Device Stuck On	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P1AC4	INFO
P1AC513	Hybrid/EV Battery Stack 2 Current Interrupt Device Circuit Open	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P1AC5	INFO
P1AC59E	Hybrid/EV Battery Stack 2 Current Interrupt Device Stuck On	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P1AC5	INFO
P1AC613	Hybrid/EV Battery Stack 3 Current Interrupt Device Circuit Open	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P1AC6	INFO
P1AC69E	Hybrid/EV Battery Stack 3 Current Interrupt Device Stuck On	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P1AC6	INFO

DTC NO.	DETECTION ITEM	MIL	WARNING INDICATE	DTC OUTPUT FROM	PRIORITY	NOTE	LINK
P1AFC00	System Voltage (AM) Circuit Voltage Below Threshold	Does not come on	Master Warning: Comes on	HV Battery	A	SAE Code: P1AFC	INFO
P1AFD00	Flying Capacitor Circuit Voltage Out of Range	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P1AFD	INFO
P1AFD1C	Flying Capacitor/Internal Control Module Hybrid/EV Battery Monitor Voltage Out of Range	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P1AFD	INFO
P1B4011	Hybrid/EV Battery Heater 1 Temperature Sensor Circuit Short to Ground	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P1B42	INFO
P1B4015	Hybrid/EV Battery Heater 1 Temperature Sensor Circuit Short to Auxiliary Battery or Open	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P1B43	INFO
P1B4511	Hybrid/EV Battery Heater 2 Temperature Sensor Circuit Short to Ground	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P1B47	INFO
P1B4515	Hybrid/EV Battery Heater 2 Temperature Sensor Circuit Short to Auxiliary Battery or Open	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P1B48	INFO
P1B4A62	Hybrid/EV Battery Heater Temperature Sensor Signal Compare Failure	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P1B4A	INFO
P1B4B72	Hybrid/EV Battery Heater Relay Actuator Stuck Open	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P1B4F	INFO
P1B4B73	Hybrid/EV Battery Heater Relay Actuator Stuck Closed	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P1B4E	INFO
P1B8312	Hybrid/EV Battery Pack Refrigerant Pressure Sensor "A" Circuit High Circuit	Comes on	Master Warning:	HV Battery	A	SAE Code:	INFO

DTC NO.	DETECTION ITEM	MIL	WARNING INDICATE	DTC OUTPUT FROM	PRIORITY	NOTE	LINK
	Short to Auxiliary Battery		Comes on			P1B86	
P1B8314	Hybrid/EV Battery Pack Refrigerant Pressure Sensor "A" Circuit Low Circuit Short to Ground or Open	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P1B85	INFO
P1B831C	Hybrid/EV Battery Pack Refrigerant Pressure Sensor "A" Circuit Range/Performance Circuit Voltage Out of Range	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P1B84	INFO
P1C8549	High Voltage Power Resource Internal Electronic Failure	Does not come on	Master Warning: Comes on	HV Battery	A	SAE Code: P3004	INFO
P1CBB12	Hybrid/EV Battery Current Sensor Power Supply Circuit Short to Auxiliary Battery	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P1CBD	INFO
P1CBB14	Hybrid/EV Battery Current Sensor Power Supply Circuit Short to Ground or Open	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P1CBC	INFO
P1CC81E	Hybrid/EV Battery Stack 1 Voltage Difference Out of Range	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P33DA	INFO
P1CC91E	Hybrid/EV Battery Stack 2 Voltage Difference Out of Range	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P33DB	INFO
P1CCA1E	Hybrid/EV Battery Stack 3 Voltage Difference Out of Range	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P33DC	INFO
P1F6900	Hybrid/EV Battery Pack Coolant Control Valve "B" Monitor Performance	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P1F69	INFO
P2BE411	Hybrid/EV Battery Pack Current Sensor "C" Low Circuit Short to Ground	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P2BE6	INFO

DTC NO.	DETECTION ITEM	MIL	WARNING INDICATE	DTC OUTPUT FROM	PRIORITY	NOTE	LINK
P2BE415	Hybrid/EV Battery Pack Current Sensor "C" High Circuit Short to Auxiliary Battery or Open	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P2BE7	INFO
P2BE41C	Hybrid/EV Battery Pack Current Sensor "C" Circuit Range/Performance Circuit Voltage Out of Range	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P2BE5	INFO
P2BE428	Hybrid/EV Battery Pack Current Sensor "C" Circuit Range/Performance Signal Bias Level Out of Range / Zero Adjustment Failure	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P2BE5	INFO
P300000	Hybrid/EV Battery Discharge Control Malfunction	Does not come on	Master Warning: Does not come on	HV Battery	A	SAE Code: P3000	INFO
P300016	Hybrid/EV Battery Control System Circuit Voltage Below Threshold	Does not come on	Master Warning: Comes on	HV Battery	A	SAE Code: P3000	INFO
P30004B	Hybrid/EV Battery Control System Over Temperature	Does not come on	Master Warning: Comes on	HV Battery	A	SAE Code: P3000	INFO
P301A1C	Hybrid Battery Stack 1 Cell Voltage Detection Voltage Out of Range	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P301A	INFO
P306562	Hybrid/EV Battery Temperature Sensor "Group 1" Signal Compare Failure	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P3065	INFO
P306A62	Hybrid/EV Battery Temperature Sensor "Group 2" Signal Compare Failure	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P306A	INFO
P306B62	Hybrid/EV Battery Temperature Sensor "Group 3" Signal Compare Failure	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P306B	INFO

DTC NO.	DETECTION ITEM	MIL	WARNING INDICATE	DTC OUTPUT FROM	PRIORITY	NOTE	LINK
P31AA17	Hybrid/EV Battery Stack 1 Cell Circuit Voltage Above Threshold	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P31AA	INFO
P31AB16	Hybrid/EV Battery Stack 1 Cell Circuit Voltage Below Threshold	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P31AB	INFO
P31B300	Hybrid/EV Battery Voltage High	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P31B3	INFO
P31B400	Extreme Hybrid/EV Battery Charging Current	Does not come on	Master Warning: Comes on	HV Battery	A	SAE Code: P31B4	INFO
P31B549	Hybrid/EV Battery Internal Electronic Failure	Does not come on	Master Warning: Comes on	HV Battery	A	SAE Code: P31B5	INFO
P33DA1E	Hybrid/EV Battery Stack 1 Circuit Resistance Out of Range	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P33DA	INFO
P33DB1E	Hybrid/EV Battery Stack 2 Circuit Resistance Out of Range	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P33DB	INFO
P33DC1E	Hybrid/EV Battery Stack 3 Circuit Resistance Out of Range	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P33DC	INFO
P33E01B	Hybrid/EV Battery Stack 1 Circuit Resistance Above Threshold	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P33E0	INFO
P33E11B	Hybrid/EV Battery Stack 2 Circuit Resistance Above Threshold	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P33E1	INFO
P33E21B	Hybrid/EV Battery Stack 3 Circuit Resistance Above Threshold	Comes on	Master Warning:	HV Battery	A	SAE Code:	INFO

DTC NO.	DETECTION ITEM	MIL	WARNING INDICATE	DTC OUTPUT FROM	PRIORITY	NOTE	LINK
			Comes on			P33E2	
P33E600	Hybrid/EV Battery Stack 1 Capacity Decline	Does not come on	Master Warning: Comes on	HV Battery	A	SAE Code: P33E6	INFO
P33E700	Hybrid/EV Battery Stack 2 Capacity Decline	Does not come on	Master Warning: Comes on	HV Battery	A	SAE Code: P33E7	INFO
P33E800	Hybrid/EV Battery Stack 3 Capacity Decline	Does not come on	Master Warning: Comes on	HV Battery	A	SAE Code: P33E8	INFO
P33EC16	(Extreme) Hybrid/EV Battery Stack 1 Cell Circuit Voltage Below Threshold	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P33EC	INFO
P33ED16	(Extreme) Hybrid/EV Battery Stack 2 Cell Circuit Voltage Below Threshold	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P33ED	INFO
P33EE16	(Extreme) Hybrid/EV Battery Stack 3 Cell Circuit Voltage Below Threshold	Comes on	Master Warning: Comes on	HV Battery	A	SAE Code: P33EE	INFO
U010087	Lost Communication with ECM/PCM "A" Missing Message	Comes on	Master Warning: Comes on	HV Battery	B	SAE Code: U0100	INFO
U016487	Lost Communication with HVAC Control Module Missing Message	Comes on	Master Warning: Comes on	HV Battery	B	SAE Code: U0164	INFO
U029387	Lost Communication with Hybrid/EV Powertrain Control Module Missing Message	Comes on	Master Warning: Comes on	HV Battery	B	SAE Code: U0293	INFO
U115087	Lost Communication with Hybrid Powertrain Control Module (Hybrid/EV Battery Local Bus) Missing Message	Comes on	Master Warning: Comes on	HV Battery	B	SAE Code: U1150	INFO

DTC NO.	DETECTION ITEM	MIL	WARNING INDICATE	DTC OUTPUT FROM	PRIORITY	NOTE	LINK
U115387	Lost Communication with Hybrid/EV Battery Charger Control Module "A" (ch2) Missing Message	Comes on	Master Warning: Comes on	HV Battery	B	SAE Code: U1153	INFO

