

DTC	OBD2 Description
B1100	Reverse Light Control Circuit Open/Short
B1110	LED Indicator Blue Open/Short
B1111	LED Indicator Green Open/Short
B1112	LED Indicator Red Open/Short
B1113	Park Indicator Open/Short
B1114	Reverse Indicator Open/Short
B1115	Neutral Indicator Open/Short
B1116	Drive Indicator Open/Short
B1117	AC Switch Indicator Open/Short
B1118	Cabin Heater Switch Indicator Open/Short
B1200	Display Relay Control Circuit Open/Short
B3A1B	A/C System Pressure - Too High
B3A1C	A/C System Temperature - Too High
C0023	Stop Lamp Control
C060B	Left Park Brake Actuator Control Circuit/Open
C0610	Right Park Brake Actuator Control Circuit/Open
C1110	Power Steering Control Circuit Open/Short
P0072	Ambient Air Temperature Sensor Circuit "A" Low
P0073	Ambient Air Temperature Sensor Circuit "A" High
P0121	Throttle/Pedal Position Sensor/Switch "A" Circuit Range/Performance
P0122	Throttle/Pedal Position Sensor/Switch "A" Circuit Low
P0123	Throttle/Pedal Position Sensor/Switch "A" Circuit High
P0222	Throttle/Pedal Position Sensor/Switch "B" Circuit Low
P0223	Throttle/Pedal Position Sensor/Switch "B" Circuit High
P0482	Fan 3 Control Circuit
P0532	A/C Refrigerant Pressure Sensor "A" Circuit Low
P0533	A/C Refrigerant Pressure Sensor "A" Circuit High
P0534	A/C Refrigerant Charge Loss
P0562	System Voltage Low
P0563	System Voltage High
P0691	Fan 1 Control Circuit Low
P0693	Fan 2 Control Circuit Low
P06B1	Sensor Power Supply "A" Circuit Low
P06B2	Sensor Power Supply "A" Circuit High
P07E4	Unable to Engage Park
P07E6	Stuck in Park
POA0A	High Voltage System Interlock Circuit "A"
POA12	DC/DC Converter Enable Circuit Low
POA2F	Drive Motor "A" Over Temperature
POA3C	Drive Motor "A" Inverter Over Temperature
POA7D	Hybrid/EV Battery Pack State of Charge Low
POA7E	Hybrid/EV Battery Pack "A" Over Temperature
POA94	DC/DC Converter "A" Performance
POAA1	Hybrid/EV Battery Positive Contactor Circuit Stuck Closed
POAA4	Hybrid/EV Battery Negative Contactor Circuit Stuck Closed
POAA6	Hybrid/EV Battery Voltage System Isolation Fault

POABF	Hybrid/EV Battery Pack Current Sensor "A" Circuit
POADD	Hybrid/EV Battery Negative Contactor Control Circuit/Open
POAFA	Hybrid/EV Battery System Voltage Low
POAFD	Hybrid/EV Battery Pack Temperature Too Low
POBBD	Hybrid/EV Battery Pack Voltage Variation Exceeded Limit
POCOB	Drive Motor "A" Inverter Power Supply Circuit/Open
POC19	Drive Motor "A" Torque Delivered Performance
POC42	Hybrid/EV Battery Pack Coolant Temperature Sensor "A" Circuit
POC4C	Hybrid/EV Battery Pack Coolant Pump "A" Supply Voltage Circuit Low
POC4D	Hybrid/EV Battery Pack Coolant Pump "A" Supply Voltage Circuit High
POC73	Motor Electronics Coolant Pump "A" Control Performance
POC78	Hybrid/EV Battery System Precharge Time Too Long
POCA7	Hybrid/EV Battery Discharging Current High
POCFF	Hybrid/EV Battery Pack Coolant Pump "A" Stuck/Stalled
POD08	Battery Charging System Positive Contactor "A" Stuck Closed
POD0F	Battery Charging System Negative Contactor "A" Stuck Closed
POD15	Battery Charging System "A" High Voltage Interlock Circuit/Open
POD21	Battery Charger "A" Output Voltage Too Low
POD24	Battery Charger "A" Temperature Too High
POD27	Battery Charger Input Voltage Too Low
POD32	DC/DC Converter "A" Over Temperature
POD33	DC/DC Converter Current High
POD6D	A/C Compressor Motor Voltage "A" Low
POD6E	A/C Compressor Motor Voltage "A" High
POD6F	A/C Compressor Motor Current High
POD94	Battery Charger Coupler Lock Control Circuit Performance
PODAA	Battery Charging System Isolation Fault
PODE6	Hybrid/EV Battery Pack Cell Voltage Low
PODE7	Hybrid/EV Battery Pack Cell Voltage High
POE12	Hybrid/EV Battery Pack Coolant Heater "A" Control Circuit/Open
POE1F	Hybrid/EV Battery Pack Coolant Pump "A" Control Circuit Driver Current/Temperature Too High
POE2D	Internal Control Module Hybrid/EV Battery Monitor Performance
POE56	DC/DC Converter Input Voltage Too Low
POE5F	Battery Charger Coupler Temperature "A" Too High
POE6D	Battery Charging System Precharge Contactor Control Circuit/Open
POEC6	A/C Power Supply Relay Control Circuit/Open
POEED	Hybrid/EV Battery System Discharge Circuit Performance
POEEE	Battery Charger Coupler Temperature "B" Too High
P1010	Vehicle Range Low
P1011	Main Negative Contactor Stuck Closed On Startup
P1013	Hybrid/EV Battery System Precharge Over Heated
P1020	Failed to Shift From Park
P1021	Failed To Shift Into Park
P1100	A/C Turned On But Not Detected
P1101	Subambinet A/C Turned On But Not Detected
P1102	HV Battery Coolant Valve Control Circuit Open/Short
P1110	Cabin Heater/HVAC Control Circuit Open/Short

P1112	Cabin Heater HV Core Short
P1113	Cabin Heater Drv Voltage Abnormal
P1114	Cabin Heater General Fault
P1115	Cabin Heater HV Abnormal
P1116	Cabin Heater HV Reversed
P1117	Cabin Heater IGBT Breakdown
P1118	Cabin Heater IGBT Over Temp
P1119	Cabin Heater Temp Sensor Open
P111A	Cabin Heater Temp Sensor Short
P111B	Cabin Heater Low Flow
P111C	Cabin Heater Out Temp Sensor Open
P111D	Cabin Heater Out Temp Sensor Short
P111E	Cabin Heater Over Current
P111F	Cabin Heater Over Temp
P1120	Cabin Heater Road Open
P1130	DC/DC Internal Fault
P1131	DC/DC Output Is Shorted
P1132	DC/DC Work Status
P1133	DC/DC On During Startup
P1140	On-Board Charger Fault
P1142	On-Board Charger Hard Fail
P1143	On-Board Charger Input Voltage
P1145	On-Board Charger Start State
P1200	HV Battery Cell Max Temp High Level 1
P1201	HV Battery Cell Max Temp High Level 2
P1202	HV Battery Cell Max and Min Temp Deviation
P1210	HV Battery Heater HV Core Short
P1212	HV Battery Heater Drv Voltage Abnormal
P1213	HV Battery Heater HV Voltage Abnormal
P1214	HV Battery Heater HV Reversed
P1215	HV Battery Heater IGBT Breakdown
P1216	HV Battery Heater IGBT Over Temp
P1217	HV Battery Heater IGBT Temp Sensor Open
P1218	HV Battery Heater IGBT Temp Sensor Short
P1219	HV Battery Heater Low Flow
P121A	HV Battery Heater Out Temp Sensor Open
P121B	HV Battery Heater Out Temp Sensor Short
P121C	HV Battery Heater Over Current
P121D	HV Battery Heater Over Temp
P121E	HV Battery Heater Road Open
P121F	HV Battery Heater Temp Sensors
P1220	HV Battery Pump Over Current
P1227	HV Battery Heater Hardware
P1228	HV Battery Heater Over Voltage
P1229	HV Battery Heater Under Voltage
P122A	HV Battery Heater IGBT
P122B	HV Battery Heater Low Voltage

P122C	HV Battery Heater Serious Fault
P1230	HV Battery Wake Control Circuit Open/Short
P1231	HV Battery Failed to Wake
P1240	HV Battery Module 1 Contactor Crosscheck
P1241	HV Battery Module 2 Contactor Crosscheck
P1242	HV Battery Module 3 Contactor Crosscheck
P1243	HV Battery Module 4 Contactor Crosscheck
P1244	HV Battery Module 5 Contactor Crosscheck
P1245	HV Battery Module 6 Contactor Crosscheck
P1246	HV Battery Module 7 Contactor Crosscheck
P1247	HV Battery Module 8 Contactor Crosscheck
P1248	HV Battery Module 1 Contactor Disconnect Under Load
P1249	HV Battery Module 2 Contactor Disconnect Under Load
P124A	HV Battery Module 3 Contactor Disconnect Under Load
P124B	HV Battery Module 4 Contactor Disconnect Under Load
P124C	HV Battery Module 5 Contactor Disconnect Under Load
P124D	HV Battery Module 6 Contactor Disconnect Under Load
P124E	HV Battery Module 7 Contactor Disconnect Under Load
P124F	HV Battery Module 8 Contactor Disconnect Under Load
P1250	HV Discharge Contactors Crosscheck
P1251	HV Battery Module 1 HVIL 2
P1252	HV Battery Module 1 HVIL 3
P1253	HV Battery Module 2 HVIL 1
P1254	HV Battery Module 2 HVIL 2
P1255	HV Battery Module 2 HVIL 3
P1256	HV Battery Module 3 HVIL 1
P1257	HV Battery Module 3 HVIL 2
P1258	HV Battery Module 3 HVIL 3
P1259	HV Battery Module 4 HVIL 1
P125A	HV Battery Module 4 HVIL 2
P125B	HV Battery Module 4 HVIL 3
P125C	HV Battery Module 5 HVIL 1
P125D	HV Battery Module 5 HVIL 2
P125E	HV Battery Module 5 HVIL 3
P125F	HV Battery Module 6 HVIL 1
P1260	HV Battery Module 6 HVIL 2
P1261	HV Battery Module 6 HVIL 3
P1262	HV Battery Module 1 HVIL 1
P12F0	HVIL CCS Control Circuit Open/Short
P12F1	HVIL HVJB Control Circuit Open/Short
P12F2	Motor HVIL Fault
P12F3	Main Negative Contactor Disconnect Under Load
P12F4	Main Positive Contactor Circuit Open/Short
P12F5	Main JB Positive Contactor Disconnect Under Load
P12F6	Main JB Positive Contactor Crosscheck
P1400	Charge Controller AC Temp Sensor
P1403	Charge Controller DC Temp Sensor 1

P1406	Charge Controller DC Temp Sensor 2
P1410	Charge Port Connection
P1411	Charge Port DC Voltage High
P1412	Charge Port Debounced Fault
P1413	Charge Port Digital Input
P141E	DCFC Negative Contactor Disconnect Under Load
P141F	DCFC Positive Contactor Disconnect Under Load
P1420	Charge Controller Com2Grid
P1421	Charge Controller General DCFC Fault
P1422	DCFC Contactors Control Circuit Open/Short
P1423	CCS Voltage Sensor Measure Error
P1424	CCS Voltage Sensor Over Current
P1425	CCS Voltage Sensor System Error
P1426	CCS Voltage Sensor Control Circuit Open/Short
P1427	CCS Voltage Sensor Channel Error
P1428	DCFC Negative Contactor Stuck Closed On Startup
P1429	DCFC Positive Contactor Stuck Closed On Startup
P142A	AC Charge Contactors Circuit Open/Short
P142B	AC Line 1 Charge Contactor Disconnect Under Load
P142C	AC Line 1 Contactor Crosscheck
P142D	AC Line 2 Charge Contactor Disconnect Under Load
P142E	AC Line 2 Contactor Crosscheck
P1430	Charge Controller General Fault
P1431	Charge Controller Pilot Wake
P1432	Charge Controller PWM Duty Cycle
P1433	Charge Controller PWM Frequency
P1500	Drive Inverter General Fault
P1501	Drive Inverter Temp High Level 0
P1502	Drive Inverter Temp High Level 2
P1503	Inverter Reports Current Sensor Fault
P1504	Inverter Reports HV Over Voltage Fault
P1505	Inverter Reports HV Under Voltage
P1506	Inverter Reports Gate Desaturated Fault
P1507	Inverter Reports General Fault
P1508	Inverter Reports Motor Stall Fault
P1509	Inverter Reports No Current Fault
P150A	Inverter Reports Over Current Faults
P150B	Inverter Reports Over Speed Fault
P150C	Inverter Reports Over Temp Fault
P150D	Inverter Reports PCB Over Temp Fault
P150E	Inverter Reports PCB Under Temp Fault
P150F	Inverter Reports Resolver Fault
P1520	Drive Motor Forward Oil Pressure Low
P1521	Drive Motor Temp High Level 0
P1522	Drive Motor Temp High Level 2
P1524	Motor Pump Over Current
P1525	Motor Pump Over Voltage

P2527	Vacuum Reservoir Pressure Sensor Circuit Low
P2528	Vacuum Reservoir Pressure Sensor Circuit High
P2561	A/C Control Module Requested MIL Illumination
P258A	Vacuum Pump Control Circuit "A"/Open
P2B28	Hybrid/EV Battery Pack Coolant Pump "A" Performance
P2B29	Hybrid/EV Battery Pack Coolant Pump "A" Overspeed - Dry Run
P2C3E	Fan 4 Control Circuit
P2C88	Hybrid/EV Battery Voltage System Isolation Warning
P2C89	Hybrid/EV Battery System Precharge Current Too High
P2C99	Throttle Actuator "A" Control Exceeded Learning Limit
P2C9A	Throttle Actuator "B" Control Exceeded Learning Limit
P2D00	Motor Electronics Coolant Pump "A" Stuck/Stalled
P2D01	Motor Electronics Coolant Pump "A" Overspeed/Air in System
P2D03	Motor Electronics Coolant Pump "A" Supply Voltage Circuit
P2D04	Motor Electronics Coolant Pump "A" Control Module Overtemperature
P2D38	Hybrid/EV Battery Pack Heater Performance
P2D3A	Forced Hybrid/EV System Shutdown
P2D3B	Hybrid/EV Discharge System Fault
P2D9F	High Voltage System Voltage High
P2DA0	High Voltage System Performance
P2DB7	Battery Charging System "B" High Voltage Interlock Circuit/Open
P2E4E	Battery Charger Coupler Temperature "C" Too High
U0029	Vehicle Communication Bus A Performance
U0038	Vehicle Communication Bus B Performance
U0047	Vehicle Communication Bus C Performance
U0103	Lost Communication With Gear Shift Control Module "A"
U0110	Lost Communication With Drive Motor Control Module "A"
U016B	Lost Communication With A/C Compressor Control Module
U019B	Lost Communication With Battery Charger Control Module "A"
U01A0	Lost Communication With Hybrid/EV Battery Interface Control Module "A"
U01B7	Lost Communication With Switch Input Module "A"
U0257	Lost Communication With Front Controls/Display Interface Module
U027C	Lost Communication With Off-Board Charger Control Module
U0298	Lost Communication With DC/DC Converter Control Module "A"
U02AE	Lost Communications With Hybrid/EV Battery Coolant Pump
U032A	Software Incompatibility With A/C Compressor Control Module
U0646	Lost Communication With Motor Electronics Coolant Pump "A"
U1100	A/C Module Not Receiving VCU Communication
U1110	Lost Communication With HV Cabin Heater
U1111	Cabin Heater Not Receiving VCU Communication
U1130	DC/DC Not Receiving VCU Communication
U1141	On-Board Charger Comm State
U1210	Lost Communication with HV Battery Heater
U1211	HV Battery Heater Not Receiving VCU Communication
U121F	HV Battery Pump Not Receiving VCU Communication
U1426	Lost Communication with CCS Voltage Sensor
U1430	Lost Communication with IVT HV

U1431	Lost Communication with IVT Isolation
U1432	Lost Communication with IVT Temperature
U1523	Motor Pump Not Receiving VCU Communication