

2017 DTC INDEX**Bolt EV****ANTILOCK BRAKE SYSTEM - DTCS****ANTILOCK BRAKE SYSTEM - DIAGNOSTIC TROUBLE CODE (DTC) IDENTIFICATION**

DTC	Description
<u>DTC B2745</u>	Traction Control Switch Circuit
<u>DTC C0035, C0051</u>	Wheel Speed Sensor Circuits
<u>DTC C0055</u>	Rear Wheel Speed Sensor Circuit
<u>DTC C005A</u>	Simultaneous Malfunction of Both Wheel Speed Sensors on One Axle
<u>DTC C0110</u>	Pump Motor Circuit
<u>DTC C0115</u>	Pump Motor Stuck
<u>DTC C0116</u>	Pump Motor Relay Circuit
<u>DTC C0121</u>	Valve Relay Circuit Malfunction
<u>DTC C0131</u>	Traction Control System Pressure Circuit
<u>DTC C0161</u>	Antilock Braking System Brake Switch Circuit
<u>DTC C0179</u>	Brake System Calculated Component Overheat Protection Time-Out
<u>DTC C0186, C018B, C0196, C019B, C027E, or C0287</u>	Lateral/Longitudinal Acceleration Sensor Signal/Yaw Rate Signal
<u>DTC C0245</u>	Wheel Speed Sensor Frequency
<u>DTC C0274</u>	Isolation Valve
<u>DTC C0280</u>	Stability System Active Too Long
<u>DTC C0561</u>	System Disabled Information Stored
<u>DTC C0569</u>	System Configuration
<u>DTC C10EA</u>	Powertrain Control Module Indicated Requested Torque
<u>DTC C10EB</u>	Engine Control Module Indicated Traction Control
<u>DTC C1200</u>	Powertrain Sensed Brake Pedal Information Message Counter Incorrect
<u>DTC C124F or C1250, C1254</u>	Lateral/Longitudinal Acceleration Sensor Circuit
<u>DTC C1284 or C1285</u>	Brake Assist Information Message Counter Incorrect
<u>DTC C1286</u>	Commanded Axle Torque Message Counter Incorrect
<u>DTC C1287</u>	Regenerative Braking Axle Torque Achieved Message Counter Incorrect
<u>DTC P0856</u>	Traction Control Torque Request Circuit
<u>DTC P15F8</u>	Automatic Braking Engine Torque Request Signal Message Counter Incorrect
<u>DTC P15FD</u>	Wheel Speed Sensor Message Sequence Incorrect
<u>DTC P1B12</u>	Driver Intended Braking Torque Signal Message Counter Incorrect

AUTOMATIC TRANSMISSION - 1ET25 (MMF) - DTCS**AUTOMATIC TRANSMISSION - 1ET25 (MMF) - DIAGNOSTIC TROUBLE CODE (DTC) IDENTIFICATION**

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DTC	Description
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DTC	Description
<u>DTC C1217, C1301, or C1302</u>	Message Counter Incorrect
<u>DTC P0711, P0713</u>	Transmission Fluid Temperature Sensor
<u>DTC P152A or P152D</u>	Regenerative Braking Control Switch Circuit
<u>DTC P152C</u>	Regenerative Braking Control Switch Signal
<u>DTC P152E</u>	Unexpected Vehicle Movement
<u>DTC P175F</u>	Acceleration Sensor Signal Message Counter Incorrect
<u>DTC P1762</u>	Transmission Mode Switch Signal Message Counter Incorrect
<u>DTC P1775</u>	Transmission Range Request Signal Message Counter Incorrect
<u>DTC P1824, P182A, P182F, P1838-P1841, P18B5-P18B9, P18BA, P18BC, P18BF, P18C0, P18C2, or P18C3</u>	Internal Mode Switch Circuit
<u>DTC P215B</u>	Vehicle Speed - Output Shaft Speed Not Plausible

BATTERY, CHARGING SYSTEM AND STARTING SYSTEM - DTCS

BATTERY, CHARGING SYSTEM AND STARTING SYSTEM - DIAGNOSTIC TROUBLE CODE (DTC) IDENTIFICATION

DTC	Description
<u>DTC B1325, B1330, B1517, C0800, C0899, C0900, C12E1, C12E2, P0561, P0563, P1A0C, P1A0D, or P1EFC</u>	Power Circuit Voltage
<u>DTC B1516</u>	Battery Current Sensor
<u>DTC B151A</u>	Low Battery Capacity Detected
<u>DTC B1527</u>	Parasitic Load
<u>DTC P0AF7</u>	14V Power Module High Temperature
<u>DTC U3001, U3003, U3006, U3009, U3013, U3014, U3018, U3019, or U3500-U350B</u>	Control Module

BOLTED EXTERIOR BODY PANELS AND CLOSURES - DTCS

BOLTED EXTERIOR BODY PANELS AND CLOSURES - DIAGNOSTIC TROUBLE CODE (DTC) IDENTIFICATION

DTC	Description
<u>DTC B3006</u>	Hood Ajar Circuit
<u>DTC P257D, P257F</u>	Engine Hood Switch

BUMPERS AND FASCIAS - DTCS

BUMPERS AND FASCIAS - DIAGNOSTIC TROUBLE CODE (DTC) IDENTIFICATION

DTC	Description
<u>DTC P059F or P151E</u>	Active Grille Air Shutter

CELLULAR SYSTEM, ENTERTAINMENT SYSTEM, AND NAVIGATION SYSTEM - DTCS

CELLULAR SYSTEM, ENTERTAINMENT SYSTEM, AND NAVIGATION SYSTEM - DIAGNOSTIC TROUBLE CODE (DTC) IDENTIFICATION

DTC	Description
<u>DTC B123E</u>	Radio Keypad Button Signal Circuit
<u>DTC B124B</u>	USB 1 Circuit

DTC	Description
<u>DTC B124F</u>	Universal Serial Bus (USB) Programming
<u>DTC B125A</u>	Antenna Signal Circuit
<u>DTC B125C</u>	Satellite Antenna Circuit
<u>DTC B1265</u>	Switched 14 Volt Performance Short to Ground
<u>DTC B1271</u>	Theft Protection Active
<u>DTC B1277</u>	Cellular Phone Microphone Circuit
<u>DTC B127E</u>	Front Video Display Output Signal
<u>DTC B1287</u>	Amplifier Control Signal Circuit
<u>DTC B1446 or B1447</u>	Backup Power Source
<u>DTC B2455</u>	Cellular Phone Microphone Circuit
<u>DTC B2462</u>	Global Positioning System (GPS) Signal
<u>DTC B2470</u>	Cellular Phone Antenna Circuit Malfunction
<u>DTC B2476 or B2482</u>	Cellular Phone Select Service Switch

CRUISE CONTROL SYSTEM - DTCS

CRUISE CONTROL SYSTEM - DIAGNOSTIC TROUBLE CODE (DTC) IDENTIFICATION

DTC	Description
<u>DTC P0572 or P0573</u>	Brake Switch Circuit 1 Low/High Voltage
<u>DTC P0575</u>	Cruise Control Switch Signal Message Counter Incorrect
<u>DTC P0703</u>	Brake Switch Signal Message Counter Incorrect
<u>DTC P158A</u>	Cruise Control Calibration Incorrect

DATA COMMUNICATION SYSTEM - DTCS

DATA COMMUNICATION SYSTEM - DIAGNOSTIC TROUBLE CODE (DTC) IDENTIFICATION (1 OF 2)

DTC	Description
<u>DTC B1000</u>	Electronic Control Unit
<u>DTC B1001</u>	Option Configuration
<u>DTC B1016</u>	Vehicle Identification Number Information Not Programmed
<u>DTC B101D</u>	Electronic Control Unit Hardware
<u>DTC B101E</u>	Electronic Control Unit Software
<u>DTC C056D</u>	Electronic Control Unit Hardware
<u>DTC C056E</u>	Electronic Control Unit Software
<u>DTC P0601, P0607, P060A-P060C, P0610, P062F, P16E9-P16F0, or P262B</u>	Control Module
<u>DTC P06E4 (Hybrid/EV Powertrain Control Module 2)</u>	Control Module Wake-Up Circuit Performance
<u>DTC P0A1F, P1A01, P1A05, or P1A06</u>	Battery Energy Control Module
<u>DTC P16B7</u>	Electric A/C Compressor Control Module Wake-Up Circuit Performance
<u>DTC P16B8, P16BA</u>	Electric A/C Compressor Control Module
<u>DTC P1E8E, P1E91, P1E94-P1E97, P1E9A-P1E9D, P1EA0-P1EA3, P1F06-P1F09, P1FAC-P1FC2, P1FCF-P1FD4, P1FF3, P3031-P3034, P3037, P303C-P303F, or P3042</u>	Hybrid/EV Battery Interface Control Module
<u>DTC P1EB1</u>	Hybrid/EV Battery Interface Control Module Software Incompatible
<u>DTC P1EB2, P1EB5, P1FA6-P1FAB, P3030, or P303B</u>	Hybrid/EV Battery Interface Control Module Not Programmed

DTC	Description
<u>DTC P1EB9</u>	High Voltage Energy Management Communication Bus Enable Circuit
<u>DTC P1EC1 or P1EC2</u>	Battery Energy Control Module High Voltage Energy Management Communication Bus Enable Circuit Low Voltage
<u>DTC U0020</u>	Low Speed CAN Bus
<u>DTC U0073 or U2100</u>	Control Module Communication Bus A Off, CAN Bus Communication
<u>DTC U0074</u>	Control Module Communication Powertrain Expansion CAN Bus Off
<u>DTC U0077</u>	Control Module Communication Chassis Expansion CAN Bus Off
<u>DTC U0078</u>	Control Module Communication Low Speed CAN Bus Off
<u>DTC U007A</u>	Control Module Communication High Voltage Energy Management CAN Bus Off
<u>DTC U007B</u>	Control Module Communication High Speed Extension CAN Bus Off
<u>DTC U007C</u>	Control Module Communication High Speed Extension CAN Bus 2 Off
<u>DTC U007D</u>	Control Module Communication Low Speed Extension CAN Bus Off
<u>DTC U0100, U02FF</u>	Lost Communication
<u>DTC U0300, U0336</u>	Software Incompatibility
<u>DTC U0400, U05FF</u>	Invalid Data Received
<u>DTC U1026</u>	Lost Communication with Transfer Case Control Module
<u>DTC U1340, U135F</u>	Chassis/Engine Control Module, Lost Communication
<u>DTC U1500, U15FF</u>	LIN Bus
<u>DTC U1653</u>	Chassis Systems High Speed Communication Enable Circuit
<u>DTC U179A</u>	Lost Communication with Hybrid Powertrain Control Module 2
<u>DTC U179D</u>	Lost Communication with Brake System Control Module 2 on Chassis Expansion Bus
<u>DTC U1803</u>	Lost Communication with Hybrid Powertrain Control Module 2
<u>DTC U1806</u>	Battery Energy Control Module High Voltage Energy Management CAN Bus Off
<u>DTC U180B</u>	Battery Energy Control Module High Speed CAN Bus Off
<u>DTC U1814</u>	Powertrain Wake-Up Communication Circuit
<u>DTC U1817</u>	Lost Communication with Hybrid Powertrain Control Module on Powertrain Expansion CAN Bus

DATA COMMUNICATION SYSTEM - DIAGNOSTIC TROUBLE CODE (DTC) IDENTIFICATION (2 OF 2)

DTC	Description
<u>DTC U1818</u>	Lost Communication with Engine Control Module on Powertrain Expansion Communication Bus
<u>DTC U182D</u>	Lost Communication with Hybrid Powertrain Control Module 2 on Powertrain Expansion Communication Bus

DTC	Description
<u>DTC U1833</u>	Lost Communication with Electronic Brake Control Module on Chassis Expansion CAN Bus
<u>DTC U183E</u>	Lost Communication with Telematics Communication Interface Control Module on Low Speed CAN Bus
<u>DTC U184A</u>	Lost Communication with Body Control Module on Low Speed CAN Bus
<u>DTC U184B</u>	Lost Communication with Remote Heater and Air Conditioning Control Module on Low Speed CAN Bus
<u>DTC U184C</u>	Lost Communication with Instrument Cluster on Low Speed CAN Bus
<u>DTC U184D</u>	Lost Communication with Radio on Low Speed CAN Bus
<u>DTC U184E</u>	Lost Communication with Inflatable Restraint Sensing and Diagnostic Module on Low Speed CAN Bus
<u>DTC U185A</u>	Lost Communication with Battery Energy Control Module on High Voltage Energy Management CAN Bus
<u>DTC U185B</u>	Battery Energy Control Module Lost Communication with Hybrid/EV Powertrain Control Module 2 on High Voltage Energy Management CAN Bus
<u>DTC U1860</u>	Electric A/C Compressor Control Module Lost Communication with Hybrid Powertrain Control Module 2
<u>DTC U1885</u>	Battery Energy Control Module Lost Communication with Hybrid/EV Powertrain Control Module
<u>DTC U18A4</u>	Lost Communication with Hybrid/EV Battery DC Charging Communications Gateway Module on High Voltage Energy Management CAN Bus
<u>DTC U18A6</u>	Lost Communication with Right Object Detection Control Module on Dedicated Bus 1
<u>DTC U18A9</u>	Lost Communication With Transmission Range Control Module on Chassis Expansion CAN Bus
<u>DTC U18AA</u>	Transmission Range Control Module Lost Communication with Engine Control Module
<u>DTC U18AB</u>	Transmission Range Control Module Lost Communication with Chassis Control Module on High Speed CAN Bus
<u>DTC U18AC</u>	Transmission Range Control Module Lost Communication with Chassis Control Module on Chassis Expansion CAN Bus
<u>DTC U18AD</u>	Transmission Range Control Module Lost Communication with Electronic Brake Control Module on Chassis Expansion CAN Bus
<u>DTC U18AF, U18B4</u>	Lost Communication
<u>DTC U18B5</u>	Lost Communication With Hybrid Powertrain Control Module on Chassis Expansion CAN Bus
<u>DTC U18B9, U18BF</u>	Primary/Secondary High Speed CAN Bus Subnet Configuration List
<u>DTC U2099</u>	High Speed Communication Enable Circuit
<u>DTC U2160, U2231</u>	Lost Communication
<u>DTC U2401</u>	Battery Energy Control Module Dedicated Bus 1 Off

DTC	Description
<u>DTC U2409</u>	Transmission Range Control Module High Speed CAN Bus Off
<u>DTC U240A</u>	Transmission Range Control Module Chassis Expansion CAN Bus Off
<u>DTC U2500, U25FF</u>	Invalid Data Received
<u>DTC U2602</u>	Battery Energy Control Module Lost Communication with Hybrid/EV Powertrain Control Module 2
<u>DTC U2603, U2606 or U2617-U2624</u>	Battery Energy Control Module Lost Communication with Hybrid/EV Battery Interface Control Module
<u>DTC U3000</u>	Control Module
<u>DTC U3012</u>	Control Module Improper Wake-up Performance

FIXED AND MOVEABLE WINDOWS - DTCS

FIXED AND MOVEABLE WINDOWS - DIAGNOSTIC TROUBLE CODE (DTC) IDENTIFICATION

DTC	Description
<u>DTC B0283</u>	Rear Defogger Circuit
<u>DTC B316B, B317A, B318A, or B319A</u>	Window Switch
<u>DTC B3205</u>	Driver Window Motor Circuit

HORN SYSTEM - DTCS

HORN SYSTEM - DIAGNOSTIC TROUBLE CODE (DTC) IDENTIFICATION

DTC	Description
<u>DTC B010E</u>	Pedestrian Friendly Alert Audio Output Circuit
<u>DTC B274E or B274F</u>	Low Horn Output Short to Battery

HVAC SYSTEM - AUTOMATIC - DTCS

HVAC SYSTEM - AUTOMATIC - DIAGNOSTIC TROUBLE CODE (DTC) IDENTIFICATION

DTC	Description
<u>DTC B0173 or B0178</u>	Upper/Lower Left Duct Air Temperature Sensor Circuit
<u>DTC B018A, B048C, B048F, or B1395</u>	Windshield Temperature Sensor/Humidity Sensor Circuit
<u>DTC B0193</u>	Front Blower Motor Speed Circuit
<u>DTC B0223, B0233, B023A, or B0408</u>	Air Flow/Temperature Control
<u>DTC B048E</u>	Auxiliary Heater System Malfunction
<u>DTC B3844</u>	Engine Coolant Circulation Pump Circuit
<u>DTC P0532 or P0533</u>	Air Conditioning (A/C) Refrigerant Pressure Sensor Circuit Low/High Voltage
<u>DTC P0534</u>	Air Conditioning (A/C) Refrigerant Charge Low
<u>DTC P0D69, P0D7F</u>	A/C Compressor
<u>DTC P151C or P2516, P2518</u>	Air Conditioning (A/C) Refrigerant Low Side Pressure Sensor
<u>DTC P154F</u>	Electric A/C Compressor motor Input Current-Positive Contactor State Not Plausible
<u>DTC P156A, P156C</u>	Air Conditioning (A/C) Pressure Too High when A/C Off, Too Low when A/C On
<u>DTC P15C6 or P15C8, P15CB</u>	Electric A/C Compressor
<u>DTC P1F0A, P1F0D</u>	A/C Compressor Motor, Electric A/C Compressor Control Module

HYBRID / EV BATTERY HEATING AND COOLING - DTCS

HYBRID / EV BATTERY HEATING AND COOLING - DIAGNOSTIC TROUBLE CODE (DTC) IDENTIFICATION

DTC	Description
<u>DTC P0480</u>	Cooling Fan Relay Control Circuit
<u>DTC P0A7E</u>	Hybrid/EV Battery Pack High Temperature
<u>DTC P0A9C, P0A9E, P0AC6-P0ACD, P0AE9-P0AEB, P0BC3-P0BC5, or P0C34-P0C36</u>	Hybrid/EV Battery Temperature Sensor
<u>DTC P0C43, P0C46</u>	Hybrid/EV Battery Pack Coolant Temperature Sensor
<u>DTC P0C47, P1E8C, or P1E8D</u>	Hybrid/EV Battery Pack Coolant Pump Circuit
<u>DTC P0CE9, P1F44, or P1F45</u>	Hybrid/EV Electronics Coolant Pump Circuit
<u>DTC P0CEF, P0CF2</u>	Hybrid/EV Electronics Coolant Temperature Sensor
<u>DTC P1485, P1487</u>	Cooling Fan Output Circuit
<u>DTC P19FA, P19FC</u>	Hybrid/EV Electronics Coolant Pump Feedback Circuit
<u>DTC P19FD, P19FF</u>	Hybrid/EV Battery Pack Coolant Pump Feedback Circuit
<u>DTC P148A, P148C</u>	Cooling Fan Signal Circuit
<u>DTC P1EC6</u>	Hybrid/EV Battery Pack Heater Performance
<u>DTC P1FFB, P1FFE</u>	Hybrid/EV Battery Pack Coolant Level Sensor Circuit
<u>DTC P1FFE</u>	System Isolation / Coolant Level Sensor Fault - Hybrid/EV Battery Charging System Disabled

HYBRID / EV CONTROL SYSTEM - DTCS

HYBRID / EV CONTROL SYSTEM - DIAGNOSTIC TROUBLE CODE (DTC) IDENTIFICATION

DTC	Description
<u>DTC P057B, P057E</u>	Brake Pedal Position Sensor
<u>DTC P0601, P0604, P0606, or P062F (Hybrid Powertrain Control Module 1)</u>	Control Module
<u>DTC P0601, P0604, P0606, P062F, P0630, P16F3, or P262B (ECM)</u>	Control Module
<u>DTC P061B</u>	Control Module Torque Calculation Performance
<u>DTC P0641, P0651, P0697, or P06A3</u>	5 V Reference 1/2/3/4 Circuit
<u>DTC P0650, P263A, or P263B</u>	Malfunction Indicator Lamp (MIL) Control Circuit
<u>DTC P0685, P0687, P0689, P0690, or P1682</u>	Engine Controls Ignition Relay Control/Feedback Circuit
<u>DTC P06AF</u>	Torque Management System Performance - Forced Engine Shutdown
<u>DTC P06B1 or P06B2</u>	Sensor Supply Voltage Circuit Low/High Voltage
<u>DTC P0A3F, P0A40, P0C52, P0C53, P0C5C, P0C5D, or P1B03</u>	Drive Motor Position Sensor
<u>DTC P0A5E, P0A61, or P0A64</u>	Drive Motor Phase U/V/W Low Current
<u>DTC P0A78</u>	Drive Motor Inverter Performance
<u>DTC P0A8D or P0A8F</u>	14 V Power Module System Voltage Low/High Voltage
<u>DTC P0AC4, P1E00, P25A2, P25C9, or P26C8</u>	Hybrid/EV Powertrain/Brake System/Chassis Control Module

DTC	Description
<u>DTC P0AEE, P0AEF, P0AF0, P0BD2, P0BD4, or P0BDC-P0BDE</u>	Drive Motor Inverter Temperature Sensor
<u>DTC P0BE6, P0BE8, P0BEA-P0BEC, P0BEE, P0BEF, or P0BF0</u>	Drive Motor Phase U/V/W Current Sensor
<u>DTC P0BFD</u>	Drive Motor Phases U-V-W Not Plausible
<u>DTC P0C01</u>	Drive Motor High Current
<u>DTC P0C0B</u>	Drive Motor Inverter Supply Voltage Circuit
<u>DTC P0C11, P0C13</u>	Drive Motor Inverter Phase U/V/W High Temperature
<u>DTC P0C17 or P1B0F</u>	Drive Motor 1 Position Not Learned/Learn Incorrect
<u>DTC P0C19</u>	Drive Motor Torque Delivered Performance
<u>DTC P0C2D or P0C2E</u>	Electric/Auxiliary Transmission Fluid Pump Control Module Feedback Circuit Low/High Voltage
<u>DTC P0C4E</u>	Drive Motor Position Exceeded Learning Limit
<u>DTC P0C76</u>	Hybrid/EV Battery System High Voltage Present
<u>DTC P150D or P150E</u>	Supply Voltage Circuit 2/Circuit 1 Low Voltage
<u>DTC P15F1</u>	Axle Torque Request Signal Message Counter Incorrect
<u>DTC P15FC</u>	Hybrid/EV Battery Contactor Status Message Counter Incorrect
<u>DTC P16F3</u>	Control Module Redundant Memory Performance
<u>DTC P16F4</u>	Control Module Transmission Range Switch Input Circuitry Performance
<u>DTC P16FF</u>	Engine Controls Ignition Relay Request Signal Message Counter Incorrect
<u>DTC P190A, P190C</u>	Drive Motor 1 Inverter Phase U/V/W Temperature Erratic
<u>DTC P1AE8 or P1AE9</u>	Drive Motor Control Module Hybrid/EV Battery Voltage Sense Circuit Low/High Voltage
<u>DTC P1AEC or P1AEE</u>	Drive Motor Control Module Hybrid/EV Battery System Voltage
<u>DTC P1AF0</u>	Drive Motor Control Module Hybrid/EV Battery Voltage System Isolation Lost
<u>DTC P1AF4 or P1AF5</u>	Drive Motor Control Module Hybrid/EV Battery Voltage Isolation Sensing Circuit 1 Low/High Voltage
<u>DTC P1B0B or P1B0C</u>	Drive Motor Control Module Hybrid/EV Battery Voltage Isolation Sensing Circuit 2 Low/High Voltage
<u>DTC P1B0D</u>	Drive Motor 1 Control Module Drive Motor 1 Overspeed
<u>DTC P1B41</u>	Drive Motor Control Module Hybrid/EV Battery Voltage Isolation Sensing Performance
<u>DTC P1E0A</u>	Drive Motor Control Module Torque Calculation Performance
<u>DTC P1E4A</u>	Control Module Redundant Drive Motor 1 Speed Sensing Circuit
<u>DTC P1F59, P1F5A, or P1F5B</u>	14 Volt Power Module Status Terminal Circuit
<u>DTC P1F5D or P1F5E</u>	14 Volt Power Module L-Terminal Circuit Low/High Voltage
<u>DTC P2122, P2123, P2127, P2128, or P2138</u>	Accelerator Pedal Position (APP) Sensor
<u>DTC P2797</u>	Auxiliary Transmission Fluid Pump Performance

DTC	Description
<u>DTC P2798 or P2799</u>	Auxiliary Transmission Fluid Pump Control Circuit Low/High Voltage

HYBRID / EV ENERGY STORAGE - DTCS

HYBRID / EV ENERGY STORAGE - DIAGNOSTIC TROUBLE CODE (DTC) IDENTIFICATION

DTC	Description
<u>DTC P0A0C or P0A0D</u>	High Voltage System Interlock Circuit Low/High Voltage
<u>DTC P0A7F</u>	Hybrid/EV Battery Pack Life
<u>DTC P0AA1, P0AA4, P0AD9, P0ADD, P0AE4, P0D09, P0D0A, P1EBD, P1EC0, or P1EC3</u>	Hybrid/EV Battery, Battery Charging System
<u>DTC P0AA6 or P1AE6</u>	Hybrid/EV Battery, Battery Energy Control Module
<u>DTC P0ABB, P0ABC, or P0ABD</u>	Hybrid/EV Battery Voltage Sensor
<u>DTC P0AC1, P0AC2, P0B10, P0B11, P0B13, P1EBA, or P1EBB</u>	Hybrid/EV Battery Low/High Resolution Current Sensor
<u>DTC P0AF8</u>	Hybrid System Voltage
<u>DTC P0AFA or P0AFB</u>	Hybrid/EV Battery System Voltage Low/High Voltage
<u>DTC P0B3B, P0BBB, P1B16-P1B2D, P1B45-P1BFE, P1E01-P1E06, or P1E4C-P1E8B</u>	Hybrid/EV Battery 1 Through 96 Circuit
<u>DTC P0C78 or P3061</u>	Hybrid/EV Battery Precharge
<u>DTC P1A07, P1E93, P1E99, P1E9F, P1EA5, P1FC3, P1FC8, P3035, or P3040</u>	Hybrid/EV Battery Interface Control Module
<u>DTC P1B3F or P1B40</u>	High Voltage System Interlock Circuit 2 Low/High Voltage
<u>DTC P1E92, P1E98, P1E9E, P1EA4, P1FC9, P1FCA, P1FCE, P3036, or P3041</u>	Hybrid/EV Battery Interface Control Module 1 Through 12 Cell Balancing Circuit
<u>DTC P1EAB or P1EAC</u>	Battery Energy Control Module, Hybrid/EV Battery Cell Overvoltage Signal
<u>DTC P1EAD, P1EB0 or P3240-P3253</u>	Hybrid/EV Battery Interface Control Module 1 Through 12 Cell Overvoltage
<u>DTC P1FD5, P1FF2, P3038-P303A, or P3043-P3045</u>	Hybrid/EV Battery Interface Control Module 1 Through 12 Voltage Sensor
<u>DTC P1F17</u>	System Isolation / Impact Sensor Fault - Hybrid/EV Battery System Contactors Open
<u>DTC P1FF4</u>	System Isolation / Impact Sensor Fault - Hybrid/EV Battery System Contactors Open

HYBRID / EV PLUG-IN CHARGING - DTCS

HYBRID / EV PLUG-IN CHARGING - DIAGNOSTIC TROUBLE CODE (DTC) IDENTIFICATION

DTC	Description
<u>DTC P0CF4, P0CF6 (North America, Korea)</u>	Control Pilot Circuit
<u>DTC P0CF9 or P0D01</u>	Control Pilot Charging Switch/Ventilation Switch Performance
<u>DTC P0D1F</u>	Control Module Date/Time Synchronization Performance
<u>DTC P0D26</u>	Battery Charger System Precharge Time Too Long

DTC	Description
<u>DTC P0D2B or P0D2C</u>	Control Pilot Indicator Control Circuit/Charge Status Indicator Control Circuit
<u>DTC P0D3E, P0D40</u>	Battery Charger Input Voltage Sensor
<u>DTC P0D4D, P0D4F</u>	Battery Charger Hybrid/EV Battery Output Voltage Sensor
<u>DTC P0D57, P0D59 (North America, Korea)</u>	Proximity Detection Circuit
<u>DTC P0D5A</u>	Proximity Detection Circuit Erratic
<u>DTC P0D5E</u>	Battery Charger System High Voltage Present
<u>DTC P0E61 or P0E65</u>	Battery Charger Enable/Control Circuit
<u>DTC P1ECE</u>	Battery Charger Total Output Power Performance
<u>DTC P1EE6 (North America, Korea)</u>	Battery Charger AC Voltage Not Present
<u>DTC P3002, P3003, P301E, or P3020</u>	Hybrid/EV Battery DC Charging Positive Voltage Sensor
<u>DTC P3005, P3006, P3021, or P3022</u>	Hybrid/EV Battery DC Charging Negative Voltage Sensor
<u>DTC P300B</u>	Hybrid/EV Battery DC Charging Output Current Performance
<u>DTC P300C, P300D, or P300F</u>	Hybrid/EV Battery DC Charging Port Temperature Sensor Circuit Low/High/Erratic
<u>DTC P3010, P3013, or P3014</u>	Hybrid/EV Battery DC Charging Port Lock
<u>DTC P3015, P3018, P301C, or P301D</u>	Hybrid/EV Battery DC Charging Positive/Negative Contactor
<u>DTC P301E</u>	Hybrid/EV Battery DC Charging Contactors Opened Under Load - DC Charging Disabled
<u>DTC P3027, P302A (Dubai)</u>	Charge Port Lock Position Sensor
<u>DTC P302B, P302D</u>	Charge Port Lock Actuator Position Sensor
<u>DTC P302F (North America, Korea)</u>	Hybrid/EV Battery DC Charging System Isolation Fault
<u>DTC P325C or P325D</u>	Hybrid/EV Battery DC Charging Communication Gateway Module Processor Performance
<u>DTC P325F (North America, Korea)</u>	Hybrid/EV Battery DC Charging Communication Gateway Module - Offboard DC Charger Communication Interrupted

HYDRAULIC BRAKE SYSTEM - DTCS

HYDRAULIC BRAKE SYSTEM - DIAGNOSTIC TROUBLE CODE (DTC) IDENTIFICATION

DTC	Description
<u>DTC C0075</u>	Brake Pedal Position Sensor Performance
<u>DTC C0126</u>	Brake Fluid Level Sensor Circuit
<u>DTC C0267</u>	Low Brake Fluid Indicated
<u>DTC C029F</u>	Brake Booster System Performance
<u>DTC C0579, C057A, or C057E</u>	Brake Booster Control Module Temperature Sensor
<u>DTC C057F, C0582, C058A, C0590, C0591, C0595, C0596, or C1275, C1277</u>	Brake Booster Motor/Rotor/Control Module
<u>DTC C0580 or C0594</u>	Brake Booster Motor 1
<u>DTC C1278 or C1279</u>	Brake System Data 1/Data 2 Message Counter Incorrect
<u>DTC C1449</u>	System Configuration Error
<u>DTC P057B, P057E, P05DC-P05DE, or P05E0</u>	Brake Pedal Position Sensor
<u>DTC P0601, P0603, P0604, P0606, P060B, or P062F</u>	Control Module
<u>DTC P0642, P06A6, or P06A7</u>	Sensor Reference Voltage

DTC	Description
<u>DTC P25C6 or P25C7</u>	Brake Booster Temperature Sensor Circuit

IMMOBILIZER SYSTEM - DTCS

IMMOBILIZER SYSTEM - DIAGNOSTIC TROUBLE CODE (DTC) IDENTIFICATION

DTC	Description
<u>DTC B2955</u>	Security Sensor Data Circuit Malfunction
<u>DTC B302A</u>	Mobile Telephone Communications Interface Requested Immobilization
<u>DTC B3031</u>	Security Controller In Learn Mode
<u>DTC B3055</u>	No Transponder Modulation or No Transponder
<u>DTC B305C</u>	Immobilizer Transponder of Wrong Type Programmed
<u>DTC B3060</u>	Unprogrammed Transponder Identification Code Received
<u>DTC B389A</u>	Environment Identification
<u>DTC B3902</u>	Incorrect Immobilizer Identifier Received
<u>DTC B3924, B3928</u>	Incorrect Environmental Identifier Received
<u>DTC B3935</u>	Transponder Authentication
<u>DTC B3976</u>	Unconfigured Transponder
<u>DTC B3984</u>	Device 1 Environment Identifier Not Programmable
<u>DTC P0513</u>	Immobilizer Key Incorrect
<u>DTC P0633</u>	Immobilizer Key Not Programmed
<u>DTC P162B</u>	Remote Vehicle Speed Limiting Signal Message Counter Incorrect
<u>DTC P1631</u>	Immobilizer Fuel Enable Signal Not Correct
<u>DTC P1649</u>	Immobilizer Security Code Not Programmed

INSTRUMENT PANEL SYSTEM DISPLAYS AND GAUGES - DTCS

INSTRUMENT PANEL SYSTEM DISPLAYS AND GAUGES - DIAGNOSTIC TROUBLE CODE (DTC) IDENTIFICATION

DTC	Description
<u>DTC B0550</u>	Odometer Circuit General Memory Malfunction
<u>DTC B071F</u>	Transmission Range Indicator Internal Malfunction
<u>DTC P0071, P0074</u>	Ambient Air Temperature Sensor

KEYLESS ENTRY SYSTEM AND REMOTE FUNCTIONS - DTCS

KEYLESS ENTRY SYSTEM AND REMOTE FUNCTIONS - DIAGNOSTIC TROUBLE CODE (DTC) IDENTIFICATION

DTC	Description
<u>DTC B305D</u>	Challenge Active Circuit
<u>DTC B3101</u>	Keyless Entry Data Link Circuit
<u>DTC B3105</u>	Keyless Entry Transmitters
<u>DTC B3106</u>	Keyless Entry Data Link
<u>DTC B3109, B3113</u>	Keyless Entry Transmitter 1/2/3/4 Battery
<u>DTC B310D, B310F</u>	Keyless Entry Transmitter 6/7/8 Battery
<u>DTC B3119</u>	Keyless Entry Antenna 1
<u>DTC B3120</u>	Keyless Entry Antenna 2
<u>DTC B3121</u>	Keyless Entry Antenna 3
<u>DTC B3122</u>	Keyless Entry Antenna 4

DTC	Description
<u>DTC B3123</u>	Keyless Entry Antenna 5
<u>DTC B3124</u>	Keyless Entry Antenna 6

LIGHTING SYSTEM - DTCS

LIGHTING SYSTEM - DIAGNOSTIC TROUBLE CODE (DTC) IDENTIFICATION

DTC	Description
<u>DTC B1395</u>	Control Module Voltage Reference Output Circuit Low/High Voltage
<u>DTC B1480</u>	Battery Rundown Protection Circuit Short to Ground
<u>DTC B2540</u>	Rear Fog Lamps Control Circuit
<u>DTC B2545</u>	Backup Lamps Circuit
<u>DTC B2570</u>	Trunk Lamp Control Circuit Short to Ground
<u>DTC B257A</u>	Headlamp Switch Input Signals Correlation Malfunction
<u>DTC B2580</u>	Headlamp High Beam Control Circuit
<u>DTC B2585 or B3867</u>	Left/Right Park Lamps Control Circuit
<u>DTC B258A</u>	Low Beam Control Circuit
<u>DTC B2600 or B2605</u>	Left/Right Daytime Running Lamps Control Circuit Short to Ground
<u>DTC B2610</u>	Passenger Compartment Dimming 1 Circuit
<u>DTC B2615</u>	Passenger Compartment Dimming 2 Circuit Short to Ground
<u>DTC B2625</u>	Display Dimming Pulse Width Modulation Output Circuit Short to Ground
<u>DTC B3588</u>	Rear Fog Lamp Switch Circuit Malfunction
<u>DTC B3596</u>	Hazard Lamps Request Circuit Malfunction
<u>DTC B3600</u>	Passenger Compartment Dimming Request Signal Circuit Low/High Voltage
<u>DTC B3650</u>	High Beam Request Signal Circuit Performance - Signal Invalid
<u>DTC B3806</u>	High Beam and Headlamp Flash Select Circuit Malfunction
<u>DTC B3881 or B3882 (MBM)</u>	Left/Right Tail Lamp Circuit
<u>DTC B3881 or B3882 (MAH/MBC/MAW/MCX)</u>	Left/Right Tail Lamp Circuit
<u>DTC B3883</u>	License Plate Lamp Circuit
<u>DTC B3884</u>	Center High Mounted Stop Lamp Circuit
<u>DTC B388B or B388C (MBM)</u>	Auxiliary Left/Right Tail and Stop Lamp Circuit
<u>DTC B388B or B388C (MAH/MBC/MAW/MCX)</u>	Auxiliary Left/Right Tail and Stop Lamp Circuit
<u>DTC B3890 or B3891 (MBM)</u>	Trailer Backup/Fog Lamps Circuit
<u>DTC B3890 or B3891 (MAH/MBC/MAW/MCX)</u>	Trailer Backup/Fog Lamps Circuit
<u>DTC B3948 or B3949</u>	Left/Right Front Turn Signal Circuit
<u>DTC B3950 or B3951</u>	Left/Right Rear Turn Signal Circuit
<u>DTC C0277 or C0890</u>	Brake Pedal Position Sensor Circuit
<u>DTC C0297</u>	Brake Applied Output Circuit Short to Ground

OBJECT DETECTION SYSTEM AND PEDESTRIAN PROTECTION SYSTEM - DTCS

OBJECT DETECTION SYSTEM AND PEDESTRIAN PROTECTION SYSTEM - DIAGNOSTIC TROUBLE CODE (DTC) IDENTIFICATION

DTC	Description
<u>DTC B094C</u>	Right Side Object Detection Control Module
<u>DTC B0954, B0955, B0956, or B0957</u>	Parking Assist Front Sensor
<u>DTC B095D or B095E</u>	Parking Assist Rear Sensor Left/Right Side Circuit
<u>DTC B0958, B0959, B0960, or B0961</u>	Parking Assist Rear Sensor
<u>DTC B0967 or B0968</u>	Parking Assist On/Off Switch
<u>DTC B096B</u>	Parking Assist Switch Parallel Parking Circuit
<u>DTC B096C or B096D</u>	Parking Assist Side Sensor Left/Right Front Circuit
<u>DTC B0987</u>	Vehicle Direction Camera Indicator Circuit
<u>DTC B1008</u>	Calibration Data Not Programmed
<u>DTC B1011</u>	System Disabled Information Stored
<u>DTC B1015</u>	Vehicle Identification Number Information
<u>DTC B101D (DTC set in K109 Frontview Camera Module)</u>	Electronic Control Unit Hardware
<u>DTC B127B</u>	Rearview Camera Input Signal Circuit Malfunction
<u>DTC B1405</u>	Control Module Voltage Reference Output 2 Circuit
<u>DTC B356A</u>	Vehicle Direction Warning Switch Circuit
<u>DTC B390D</u>	Frontview Camera Module Incorrect Mounting
<u>DTC B390F</u>	Frontview Camera
<u>DTC B395A</u>	Rearview Camera
<u>DTC B395B</u>	Sideview Camera - Left
<u>DTC B395C</u>	Sideview Camera - Right
<u>DTC B399A</u>	Frontview Camera Supply Circuit Short to Battery/Ground
<u>DTC B399B</u>	Rearview Camera Supply Circuit Short to Battery/Ground
<u>DTC B399C</u>	Sideview Camera - Left Supply Circuit Short to Battery/Ground
<u>DTC B399D</u>	Sideview Camera - Right Supply Circuit Short to Battery/Ground
<u>DTC P15F6</u>	Front Object Detection Control Module Torque Request Signal Message Counter Incorrect

PARKING BRAKE SYSTEM - DTCS

PARKING BRAKE SYSTEM - DIAGNOSTIC TROUBLE CODE (DTC) IDENTIFICATION

DTC	Description
<u>DTC C028B</u>	Park Brake Motor Position Sensor - Signal Not Plausible
<u>DTC C028F</u>	Left Park Brake Actuator Circuit
<u>DTC C0293</u>	Park Brake Control Switch Circuit
<u>DTC C1280 or C1281</u>	Electric Park Brake Availability Status Message Counter Incorrect
<u>DTC C1303</u>	Automatic Park Brake Function Malfunction
<u>DTC C1586 (HEV)</u>	Right Park Brake Actuator Circuit
<u>DTC C1587 (HEV)</u>	Left Park Brake Actuator
<u>DTC C1588 (HEV)</u>	Right Park Brake Actuator

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POWERDOOR LOCK SYSTEM AND RELEASE SYSTEMS - DTCS

POWER DOOR LOCK SYSTEM AND RELEASE SYSTEMS - DIAGNOSTIC TROUBLE CODE (DTC) IDENTIFICATION

DTC	Description
<u>DTC B1474 or B3849</u>	Passenger/Driver Exterior Door Handle Switch Circuit
<u>DTC B1534 or B1535</u>	Left/Right Rear Door Handle Switch Circuit
<u>DTC B297B or B297C</u>	Driver Door Open Switch Circuit Not Plausible
<u>DTC B3125, B3130, or B3135</u>	Driver Door Only/All Doors Unlock/Lock Circuit
<u>DTC B3140, B3145, B3150, or B3155</u>	Door Unlock/Lock Switch Circuit
<u>DTC B324A or B3245</u>	Rear Cargo Door Unlock Motor Circuit/Lock Actuator Circuit
<u>DTC P0CCC, P0CCE, or P0CCF</u>	Charge Port Door Position Sensor Circuit

POWER STEERING SYSTEM - DTCS

POWER STEERING SYSTEM - DIAGNOSTIC TROUBLE CODE (DTC) IDENTIFICATION

DTC	Description
<u>DTC C0176</u>	Control Module Temperature Sensor
<u>DTC C0460</u>	Steering Wheel Angle Sensor
<u>DTC C0545</u>	Steering Wheel Torque Sensor
<u>DTC C056E</u>	Electronic Control Unit Software

SEAT BELT SYSTEM - DTCS

SEAT BELT SYSTEM - DIAGNOSTIC TROUBLE CODE (DTC) IDENTIFICATION

DTC	Description
<u>DTC B0072 or B0073</u>	Driver/Passenger Seat Belt Switch Circuit
<u>DTC B059A</u>	Passenger Seat Belt Indicator Circuit

SECONDARY AND CONFIGURABLE CUSTOMER CONTROL SYSTEM - DTCS

SECONDARY AND CONFIGURABLE CUSTOMER CONTROL SYSTEM - DIAGNOSTIC TROUBLE CODE (DTC) IDENTIFICATION

DTC	Description
<u>DTC B3622</u>	Steering Wheel Controls Signal Circuit

SUPPLEMENTAL INFLATABLE RESTRAINT SYSTEM - DTCS

SUPPLEMENTAL INFLATABLE RESTRAINT SYSTEM - DIAGNOSTIC TROUBLE CODE (DTC) IDENTIFICATION

DTC	Description
<u>DTC B0012 or B0013</u>	Driver Steering Wheel Air Bag Deployment Loop Stage 1/Stage 2
<u>DTC B0014, B0021, B0031, or B0038</u>	Seat Side Air Bag Deployment Loop
<u>DTC B0015, B001A, B001B, or B0022</u>	Driver/Passenger Seat Belt Retractor/Anchor Pretensioner Deployment Loop
<u>DTC B0016, B0018, B0023, or B0025</u>	Roof Rail Air Bag Deployment Loop
<u>DTC B0017 or B0024</u>	Driver/Passenger Knee Air Bag Deployment Loop
<u>DTC B0019 or B0020</u>	Passenger Instrument Panel Air Bag Deployment Loop Stage 1/Stage 2
<u>DTC B0052</u>	Deployment Commanded
<u>DTC B0071</u>	Passenger Seat Belt Tension Sensor Circuit
<u>DTC B0081 (Passenger Presence System)</u>	Passenger Presence Module

DTC	Description
<u>DTC B0081 (Inflatable Restraint Sensing and Diagnostic Module)</u>	Passenger Presence Module
<u>DTC B0082</u>	Passenger Presence Detection Sensor
<u>DTC B0083 or B0084</u>	Left Front/Right Front Impact Sensor
<u>DTC B0085 or B0088</u>	Left Front/Right Rear Side Impact Sensor
<u>DTC B0086 or B0087</u>	Right Front/Left Rear Side Impact Sensor
<u>DTC B0091</u>	Center Front Impact Sensor
<u>DTC B0092 or B0093</u>	Left Center/Right Center Side Impact Sensor
<u>DTC B067F or B0680</u>	Passenger Air Bag On/Off Indicator Circuit
<u>DTC B1001 (Inflatable Restraint Sensing and Diagnostic Module)</u>	Option Configuration
<u>DTC B1001 (Passenger Presence System)</u>	Option Configuration Error
<u>DTC B1019</u>	System Configuration Error

TIRE PRESSURE MONITORING SYSTEM - DTCS

TIRE PRESSURE MONITORING SYSTEM - DIAGNOSTIC TROUBLE CODE (DTC) IDENTIFICATION

DTC	Description
<u>DTC C0569</u>	System Configuration Malfunction
<u>DTC C0750, C0755, C0760, or C0765</u>	Tire Pressure Sensor
<u>DTC C0775</u>	Tire Pressure Monitoring System Sensors Malfunction

WIPER SYSTEM AND WASHER SYSTEM - DTCS

WIPER SYSTEM AND WASHER SYSTEM - DIAGNOSTIC TROUBLE CODE (DTC) IDENTIFICATION

DTC	Description
<u>DTC B370A</u>	Rain Sensor
<u>DTC B370B</u>	Rear Wiper Function Control Circuit
<u>DTC B371A</u>	Windshield Wiper Motor Internal Malfunction
<u>DTC B371C</u>	Front Wiper Motor 2
<u>DTC B3811</u>	Rear Washer Relay Circuit
<u>DTC B3873</u>	Front Washer Relay Circuit

WIRING SYSTEMS AND POWER MANAGEMENT - DTCS

WIRING SYSTEMS AND POWER MANAGEMENT - DIAGNOSTIC TROUBLE CODE (DTC) IDENTIFICATION

DTC	Description
<u>DTC B097B</u>	Power Mode Start Switch Circuit
<u>DTC B1370</u>	Control Module Ignition On and Start Circuit
<u>DTC B1445</u>	Control Module Voltage Output Circuit
<u>DTC B144A</u>	Run Power Relay Circuit
<u>DTC B144B</u>	Run/Crank Power Relay Circuit
<u>DTC B1451</u>	Accessory Power Circuit
<u>DTC B147E or B147F</u>	Battery Saver Relay Set/Reset Secondary Circuit
<u>DTC B305E</u>	Interruptible RAP Relay Circuit
<u>DTC P15B9 or P15BA</u>	Electric A/C Compressor Control Module Ignition On/Start Switch Circuit Low/High Voltage
<u>DTC P16E8</u>	Engine Controls Ignition Relay Signal Message Counter Incorrect

DTC	Description
<u>DTC P17B3 or P17B4</u>	Transmission Range Control Module Ignition 1 Switch Circuit Low Voltage
<u>DTC P17B5</u>	Transmission Range Control Module Ignition Switch Accessory Position Circuit Low Voltage
<u>DTC P1A5E or P1A5F</u>	Battery Energy Control Module Ignition On/Start Switch Circuit Low/High Voltage
<u>DTC P1A60</u>	Battery Energy Control Module Ignition Accessory Switch Circuit Low Voltage
<u>DTC P2534 or P2535</u>	Ignition On/Start Switch Circuit Low/High Voltage
<u>DTC P2537</u>	Ignition Accessory Switch Circuit Low Voltage
