

2013 DTC INDEX

CTS - Sedan

ANTILOCK BRAKE SYSTEM - DIAGNOSTIC TROUBLE CODES

ANTILOCK BRAKE SYSTEM - DIAGNOSTIC TROUBLE CODES

DTC	Description
<u>DTC B0000</u>	Vehicle Speed Information Circuit
<u>DTC B2745</u>	Traction Control Switch Circuit Short to Ground
<u>DTC C0035, C0040, C0045, or C0050</u>	Wheel Speed Sensor Circuit
<u>DTC C0060-C0095, C0131, C0141, C0146, C0151, or C0156</u>	Antilock Braking System Solenoid/Traction Control System Pressure Circuit
<u>DTC C0110</u>	Pump Motor: Pump Motor
<u>DTC C0131</u>	Traction Control System Pressure Circuit
<u>DTC C0161</u>	Antilock Braking System Brake Switch Circuit Not Plausible
<u>DTC C0186, C018B, C0196, C019B, C027E, or C0287 (With UGN)</u>	Lateral Acceleration Sensor/Yaw Rate Signal/Longitudinal Acceleration Sensor
<u>DTC C0186, C0196, or C0287 (Without UGN)</u>	Lateral Acceleration Sensor/Yaw Rate Signal/Longitudinal Acceleration Sensor
<u>DTC C025F</u>	Lateral Acceleration Sensor/Yaw Rate Signal/Longitudinal Acceleration Sensor
<u>DTC C0280</u>	Stability System Active Too Long Malfunction
<u>DTC C0710</u>	Steering Position Signal
<u>DTC C124F, C1250, or C1251</u>	Lateral Acceleration Sensor
<u>DTC C124F or C1250-C1254</u>	Lateral Acceleration Sensor/Longitudinal Acceleration Sensor
<u>DTC P0856</u>	Traction Control Torque Request Circuit
<u>DTC P1513</u>	Traction Control Drag Reduction Request Circuit
<u>DTC P15F8</u>	Automatic Braking Engine Torque Request Signal
<u>DTC P2548</u>	Vehicle Dynamics System Torque Request Signal

AUTOMATIC TRANSMISSION - 6L45 (MYA) - DIAGNOSTIC TROUBLE CODES

AUTOMATIC TRANSMISSION - 6L45 (MYA) - DIAGNOSTIC TROUBLE CODES

DTC	Description
<u>DTC P0601, P0603, P0604, or P062F</u>	DTC P0601 Control Module Read Only Memory Performance DTC P0603 Control Module Long Term Memory Reset DTC P0604 Control Module Random Access Memory Performance DTC P062F Control Module Long Term Memory Performance
<u>DTC P0634</u>	DTC P0634 Control Module Overtemperature

<u>DTC P0658 or P0659</u>	DTC P0658 Actuator High Control Circuit Group 1 Low Voltage DTC P0659 Actuator High Control Circuit Group 1 High Voltage
<u>DTC P0667, P0668, or P0669</u>	DTC P0667 Control Module Temperature Sensor Performance DTC P0668 Control Module Temperature Sensor Circuit Low Voltage DTC P0669 Control Module Temperature Sensor Circuit High Voltage
<u>DTC P06AC, P06AD, or P06AE</u>	DTC P06AC Control Module Power Up Temperature Sensor Performance DTC P06AD Control Module Power Up Temperature Sensor Circuit Low Voltage DTC P06AE Control Module Power Up Temperature Sensor Circuit High Voltage
<u>DTC P0711-P0713</u>	DTC P0711 Transmission Fluid Temperature Sensor Performance DTC P0712 Transmission Fluid Temperature Sensor Circuit Low Voltage DTC P0713 Transmission Fluid Temperature Sensor Circuit High Voltage
<u>DTC P0716 or P0717</u>	DTC P0716 Input Speed Sensor Performance DTC P0717 Input Speed Sensor Circuit No Signal
<u>DTC P0722 or P0723</u>	DTC P0722 Output Speed Sensor Circuit No Signal DTC P0723 Output Speed Sensor Circuit Intermittent
<u>DTC P0741 or P0742</u>	DTC P0741 Torque Converter Clutch (TCC) System - Stuck Off - Transmission Hydraulic/Mechanical Performance DTC P0742 Torque Converter Clutch (TCC) System - Stuck On - Transmission Hydraulic/Mechanical Performance
<u>DTC P0751 or P0752</u>	DTC P0751 Shift Solenoid Valve 1 Performance - Stuck Off - Transmission Hydraulic/Mechanical Performance DTC P0752 Shift Solenoid Valve 1 Performance - Stuck On - Transmission Hydraulic/Mechanical Performance
<u>DTC P0756</u>	DTC P0756 Shift Solenoid Valve 2 Performance - Stuck Off - Transmission Hydraulic/Mechanical Performance
<u>DTC P0776 or P0777</u>	DTC P0776 Pressure Control Solenoid Valve 2 - Stuck Off - Transmission Hydraulic/Mechanical Performance DTC P0777 Pressure Control Solenoid Valve 2 - Stuck On - Transmission Hydraulic/Mechanical Performance
<u>DTC P0796 or P0797</u>	DTC P0796 Pressure Control Solenoid Valve 3 - Stuck Off - Transmission Hydraulic/Mechanical Performance DTC P0797 Pressure Control Solenoid Valve 3 - Stuck On - Transmission Hydraulic/Mechanical Performance
<u>DTC P0815, P0816, P0826-P0828, P085F, or P1876</u>	DTC P0815 Upshift Switch Circuit DTC P0816 Downshift Switch Circuit DTC P0826 Up and Down Shift Switch Circuit DTC P0827 Up and Down Shift Switch Circuit Low Voltage DTC P0828 Up and Down Shift Switch Circuit High Voltage DTC P085F Up and Down Shift Switch Range Performance DTC P1876 Up and Down Shift Enable Switch Circuit Low Voltage
<u>DTC P0842 or P0843</u>	DTC P0842 Transmission Fluid Pressure Switch 1 Circuit Low

	Voltage DTC P0843 Transmission Fluid Pressure Switch 1 Circuit High Voltage
<u>DTC P0850-P0852</u>	DTC P0850 Park/Neutral Position Switch Circuit DTC P0851 Park/Neutral Position Switch Circuit Low Voltage DTC P0852 Park/Neutral Position Switch Circuit High Voltage
<u>DTC P0872 or P0873</u>	DTC P0872 Transmission Fluid Pressure Switch 3 Circuit Low Voltage DTC P0873 Transmission Fluid Pressure Switch 3 Circuit High Voltage
<u>DTC P0877 or P0878</u>	DTC P0877 Transmission Fluid Pressure Switch 4 Circuit Low Voltage DTC P0878 Transmission Fluid Pressure Switch 4 Circuit High Voltage
<u>DTC P0961-P0963</u>	DTC P0961 Line Pressure Control Solenoid Valve Performance DTC P0962 Line Pressure Control Solenoid Valve Control Circuit Low Voltage DTC P0963 Line Pressure Control Solenoid Valve Control Circuit High Voltage
<u>DTC P0965-P0967</u>	DTC P0965 Pressure Control Solenoid Valve 2 Performance DTC P0966 Pressure Control Solenoid Valve 2 Control Circuit Low Voltage DTC P0967 Pressure Control Solenoid Valve 2 Control Circuit High Voltage
<u>DTC P0969-P0971</u>	DTC P0969 Pressure Control Solenoid Valve 3 Performance DTC P0970 Pressure Control Solenoid Valve 3 Control Circuit Low Voltage DTC P0971 Pressure Control Solenoid Valve 3 Control Circuit High Voltage
<u>DTC P0973 or P0974</u>	DTC P0973 Shift Solenoid Valve 1 Control Circuit Low Voltage DTC P0974 Shift Solenoid Valve 1 Control Circuit High Voltage
<u>DTC P0976 or P0977</u>	DTC P0976 Shift Solenoid Valve 2 Control Circuit Low Voltage DTC P0977 Shift Solenoid Valve 2 Control Circuit High Voltage
<u>DTC P0989 or P0990</u>	DTC P0989 Transmission Fluid Pressure Switch 5 Circuit Low Voltage DTC P0990 Transmission Fluid Pressure Switch 5 Circuit High Voltage
<u>DTC P1761</u>	DTC P1761 Up and Down Shift Switch Signal Message Counter Incorrect
<u>DTC P1765-P1767</u>	DTC P1765 Upshift Switch 2 Circuit DTC P1766 Downshift Switch 2 Circuit DTC P1767 Up and Down Shift Switch 2 Circuit
<u>DTC P182E or P1915</u>	DTC P182E Internal Mode Switch Indicates - Invalid Range DTC P1915 Internal Mode Switch Does Not Indicate Park/Neutral During Start
<u>DTC P2714 or P2715</u>	DTC P2714 Pressure Control Solenoid Valve 4 - Stuck Off -

	Transmission Hydraulic/Mechanical Performance DTC P2715 Pressure Control Solenoid Valve 4 - Stuck On - Transmission Hydraulic/Mechanical Performance
<u>DTC P2719-P2721</u>	DTC P2719 Pressure Control Solenoid 4 System Performance DTC P2720 Pressure Control Solenoid 4 Control Circuit Low Voltage DTC P2721 Pressure Control Solenoid 4 Control Circuit High Voltage
<u>DTC P2723 or P2724</u>	DTC P2723 Pressure Control Solenoid Valve 5 - Stuck Off - Transmission Hydraulic/Mechanical Performance DTC P2724 Pressure Control Solenoid Valve 5 - Stuck On - Transmission Hydraulic/Mechanical Performance
<u>DTC P2728-P2730</u>	DTC P2728 Pressure Control (PC) Solenoid Valve 5 Performance DTC P2729 Pressure Control (PC) Solenoid Valve 5 Control Circuit Low Voltage DTC P2730 Pressure Control (PC) Solenoid Valve 5 Control Circuit High Voltage
<u>DTC P2762, P2763, or P2764</u>	DTC P2762 Torque Converter Clutch (TCC) Pressure Control Solenoid Valve Performance DTC P2763 Torque Converter Clutch (TCC) Pressure Control Solenoid Valve Control Circuit High Voltage DTC P2764 Torque Converter Clutch (TCC) Pressure Control Solenoid Valve Control Circuit Low Voltage

BATTERY, CHARGING SYSTEM AND STARTING SYSTEM - DIAGNOSTIC TROUBLE CODES

BATTERY, CHARGING SYSTEM AND STARTING SYSTEM - DIAGNOSTIC TROUBLE CODES

DTC	Description
<u>DTC B1325, B1327, B1328, B1330, B1390, B1400, B1410, B1517, C0800, C0805, C0895, C0899, C0900, P0560, P0562, P0563, P129B, or P129C</u>	Device Power Circuit Voltage/Control Module Supply/Battery Voltage
<u>DTC B1516</u>	Battery Current Sensor
<u>DTC B151A</u>	Battery Capacity Performance
<u>DTC B1527</u>	Parasitic Load
<u>DTC P0615, P0616, or P0617</u>	Starter Relay Control Circuit
<u>DTC P0621</u>	Generator L-Terminal Circuit
<u>DTC P0622</u>	Generator F-Terminal Circuit
<u>DTC P0625 or P0626</u>	Generator F-Terminal Circuit Voltage

BOLTED EXTERIOR BODY PANELS AND CLOSURES - DIAGNOSTIC TROUBLE CODES

BOLTED EXTERIOR BODY PANELS AND CLOSURES - DIAGNOSTIC TROUBLE CODES

DTC	Description

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

BUMPERS AND FASCIAS - DIAGNOSTIC TROUBLE CODES

BUMPERS AND FASCIAS - DIAGNOSTIC TROUBLE CODES

DTC	Description
<u>DTC P059F or U0284</u>	Active Grille Air Shutter

CELLULAR SYSTEM, ENTERTAINMENT SYSTEM, AND NAVIGATION SYSTEM - DIAGNOSTIC TROUBLE CODES

CELLULAR SYSTEM, ENTERTAINMENT SYSTEM, AND NAVIGATION SYSTEM - DIAGNOSTIC TROUBLE CODES

DTC	Description
<u>DTC B0997</u>	Auxiliary Electronic Control Unit
<u>DTC B1024 (Human Machine Interface Control Module)</u>	Circuit Board Temperature Sensor
<u>DTC B1024 (Audio Amplifier)</u>	Circuit Board Temperature Sensor
<u>DTC B1025-B1135</u>	Audio Output Circuit
<u>DTC B124F</u>	Universal Serial Bus (USB) Programming
<u>DTC B124B</u>	USB 1 Circuit
<u>DTC B124C</u>	USB 2 Circuit
<u>DTC B125A</u>	Antenna 1 Signal Circuit
<u>DTC B125B</u>	Antenna 2 Signal Circuit
<u>DTC B125C</u>	Satellite Antenna Circuit
<u>DTC B125E</u>	Digital Audio Broadcast (DAB)
<u>DTC B1271</u>	Digital Audio Broadcast (DAB)
<u>DTC B1277</u>	Microphone 1 Input Signal Circuit
<u>DTC B127E</u>	Front Video Display Output Signal
<u>DTC B12A7</u>	Optical Media Drive
<u>DTC B12A8</u>	Optical Media Drive
<u>DTC B1446 or B1447</u>	Backup Power Source
<u>DTC B2455</u>	Cellular Phone Microphone
<u>DTC B2462 (IO6 without UE1)</u>	Cellular Phone Microphone
<u>DTC B2462 (IO6 with UE1 without CV3)</u>	Global Positioning System Signal
<u>DTC B2462 (IO6 with UE1 and CV3)</u>	Global Positioning System Signal
<u>DTC B2462 (UE1 with CV3 without IO6)</u>	Global Positioning System (GPS) Signal
<u>DTC B2470 (without CV3)</u>	Cellular Phone Antenna Circuit Malfunction
<u>DTC B2470 (with CV3)</u>	Cellular Phone Antenna Circuit Malfunction
<u>DTC B2476 or B2482</u>	Cellular Phone Select Service Switch

CRUISE CONTROL SYSTEM - DIAGNOSTIC TROUBLE CODES

CRUISE CONTROL SYSTEM - DIAGNOSTIC TROUBLE CODES

DTC	Description
<u>DTC B3623, B3794, P0564, P0565, P0567, P0568, P056C, P0580, P0581, P0589, P0592, P0593, or P155A-P155C</u>	Cruise Control Multifunction Switch/Cruise Control Function Request Circuit
<u>DTC P0572 or P0573</u>	Brake Switch Circuit Voltage
<u>DTC P0575</u>	Cruise Control Switch Signal Message Counter Incorrect
<u>DTC P0703</u>	Brake Switch Signal Message Counter Incorrect
<u>DTC P1553</u>	Distance Sensing Cruise Control Signal Message Counter Incorrect

DATA COMMUNICATION SYSTEM - DIAGNOSTIC TROUBLE CODES

DATA COMMUNICATION SYSTEM - DIAGNOSTIC TROUBLE CODES

DTC	Description
<u>DTC B1000</u>	DTC B1000 Electronic Control Unit
<u>DTC B1001</u>	DTC B1001 Option Configuration
<u>DTC B101D</u>	DTC B101D Electronic Control Unit Hardware
<u>DTC B101E</u>	DTC B101E Electronic Control Unit Software
<u>DTC C056D</u>	DTC C056D Electronic Control Unit Hardware
<u>DTC C056E</u>	DTC C056E Electronic Control Unit Software
<u>DTC P0601-P0606, P060A, P062F, or P262B</u>	DTC P0601 Control Module Read Only Memory Performance DTC P0602 Control Module Not Programmed DTC P0603 Control Module Long Term Memory Reset DTC P0604 Control Module Random Access Memory Performance DTC P0605 Control Module Programming Read Only Memory Performance DTC P0606 Control Module Processor Performance DTC P060A Control Module Monitoring Processor Performance DTC P062F Control Module Long Term Memory Performance DTC P262B Control Module Power Off Timer Performance
<u>DTC U0020</u>	DTC U0020 Low Speed CAN Bus
<u>DTC U0028</u>	DTC U0028 MOST Bus
<u>DTC U0029</u>	DTC U0029 MOST Bus Performance
<u>DTC U0073 or U2100</u>	DTC U0073 Control Module Communication Bus A Off DTC U2100 CAN Bus Communication
<u>DTC U0074 (Chassis Expansion Bus)</u>	DTC U0074 Control Module Communication Bus B Off
<u>DTC U0074 (Powertrain Expansion Bus)</u>	DTC U0074 00 Control Module Communication Powertrain Expansion CAN Bus Off Malfunction
<u>DTC U0075</u>	DTC U0075 00 Control Module Communication Object Detection

	CAN Bus Off
<u>DTC U0077</u>	DTC U0077 00 Control Module Communication Chassis Expansion CAN Bus Off
<u>DTC U0078</u>	DTC U0078 Control Module Communication Low Speed CAN Bus Off
<u>DTC U0100-U02FF</u>	See <u>Control Module U Code List</u>
<u>DTC U0300-U0336</u>	See <u>Control Module U Code List</u>
<u>DTC U0400-U05FF</u>	See <u>Control Module U Code List</u>
<u>DTC U1500-U15FF</u>	See <u>Control Module U Code List</u>
<u>DTC U1804</u>	DTC U1804 Lost Communication with Inside Rearview Mirror Control Module
<u>DTC U1814</u>	DTC U1814 Powertrain Wake-Up Communication Circuit
<u>DTC U1833</u>	DTC U1833 Lost Communication with Electronic Brake Control Module on Chassis Expansion CAN Bus
<u>DTC U184A</u>	DTC U184A Lost Communication with Body Control Module on Low Speed CAN Bus
<u>DTC U18A2</u>	DTC U18A2 Lost Communication with Fuel Pump Driver Control Module
<u>DTC U18A6</u>	DTC U18A6 Lost Communication with Right Object Detection Control Module on Dedicated Bus 1
<u>DTC U18B9-U18BF</u>	DTC U18B9 Primary High Speed CAN Bus Subnet Configuration List DTC U18BF Secondary High Speed CAN Bus Subnet Configuration List
<u>DTC U2098</u>	DTC U2098 00 MOST Communication Enable Circuit Malfunction DTC U2098 02 MOST Communication Enable Circuit Short to Ground
<u>DTC U2099</u>	DTC U2099 High Speed Communication Enable Circuit
<u>DTC U209E</u>	DTC U209E Object Detection Control Module High Speed Communication Enable Circuit 1
<u>DTC U209F</u>	DTC U209F Object Detection Control Module High Speed Communication Enable Circuit 2
<u>DTC U2616</u>	DTC U2616 Fuel Pump Driver Control Module Lost Communication with ECM
<u>DTC U2160-U2231</u>	See <u>Control Module U Code List</u>

ENGINE CONTROLS/FUEL - 2.0L - DIAGNOSTIC TROUBLE CODES

ENGINE CONTROLS/FUEL - 2.0L - DIAGNOSTIC TROUBLE CODES

DTC	Description
<u>DTC P0010, P0013, or P2088-P2091</u>	DTC P0010 Intake Camshaft Position Actuator Solenoid Valve Control Circuit DTC P0013 Exhaust Camshaft Position Actuator Solenoid Valve Control Circuit DTC P2088 Intake Camshaft Position Actuator Solenoid Valve Control

	Circuit Low Voltage DTC P2089 Intake Camshaft Position Actuator Solenoid Valve Control Circuit High Voltage DTC P2090 Exhaust Camshaft Position Actuator Solenoid Valve Control Circuit Low Voltage DTC P2091 Exhaust Camshaft Position Actuator Solenoid Valve Control Circuit High Voltage
<u>DTC P0011 or P0014</u>	DTC P0011 Intake Camshaft Position System Performance DTC P0014 Exhaust Camshaft Position System Performance
<u>DTC P0016 or P0017</u>	DTC P0016 Crankshaft Position - Intake Camshaft Position Not Plausible DTC P0017 Crankshaft Position - Exhaust Camshaft Position Not Plausible
<u>DTC P0030-P0032, P0036-P0038, P0053, P0054, P0135, or P0141</u>	DTC P0030 HO2S Heater Control Circuit Sensor 1 DTC P0031 HO2S Heater Control Circuit Low Voltage Sensor 1 DTC P0032 HO2S Heater Control Circuit High Voltage Sensor 1 DTC P0036 HO2S Heater Control Circuit Sensor 2 DTC P0037 HO2S Heater Control Circuit Low Voltage Sensor 2 DTC P0038 HO2S Heater Control Circuit High Voltage Sensor 2 DTC P0053 HO2S Heater Resistance Sensor 1 DTC P0054 HO2S Heater Resistance Sensor 2 DTC P0135 HO2S Heater Performance Sensor 1 DTC P0141 HO2S Heater Performance Sensor 2
<u>DTC P0033-P0035</u>	DTC P0033 Turbocharger Bypass Solenoid Valve Control Circuit DTC P0034 Turbocharger Bypass Solenoid Valve Control Circuit Low Voltage DTC P0035 Turbocharger Bypass Solenoid Valve Control Circuit High Voltage
<u>DTC P0068 or P1101</u>	DTC P0068 Throttle Body Air Flow Performance DTC P1101 Intake Air Flow System Performance
<u>DTC P0089, P00C6, P228C, or P228D</u>	DTC P0089 Fuel Pressure Regulator Performance DTC P00C6 Fuel Rail Pressure Low During Engine Cranking DTC P228C Fuel Pressure Regulator Control Performance - Low Pressure DTC P228D Fuel Pressure Regulator Control Performance - High Pressure
<u>DTC P0090-P0092, P00C8, P00C9, or P00CA</u>	DTC P0090 Fuel Pressure Regulator Control Circuit DTC P0091 Fuel Pressure Regulator Control Circuit Low Voltage DTC P0092 Fuel Pressure Regulator Control Circuit High Voltage DTC P00C8 Fuel Pressure Regulator High Control Circuit DTC P00C9 Fuel Pressure Regulator High Control Circuit Low Voltage DTC P00CA Fuel Pressure Regulator High Control Circuit High Voltage
<u>DTC P0096 or P0111</u>	DTC P0096 Intake Air Temperature (IAT) Sensor 2 Performance DTC P0111 Intake Air Temperature (IAT) Sensor 1 Performance
<u>DTC P0097, P0098, or P0099</u>	DTC P0097 Intake Air Temperature (IAT) Sensor 2 Circuit Low Voltage DTC P0098 Intake Air Temperature (IAT) Sensor 2 Circuit High Voltage DTC P0099 Intake Air Temperature (IAT) Sensor 2 Circuit Intermittent
<u>DTC P00C7</u>	DTC P00C7 Intake Air Pressure Measurement System - Multiple Sensors Not Plausible
<u>DTC P00E9</u>	DTC P00E9 Intake Air Temperature (IAT) Sensor 3 Circuit Performance

<u>DTC P00EA-P00EC</u>	DTC P00EA Intake Air Temperature (IAT) Sensor 3 Circuit Low Voltage DTC P00EB Intake Air Temperature (IAT) Sensor 3 Circuit High Voltage DTC P00EC Intake Air Temperature (IAT) Sensor 3 Circuit Erratic
<u>DTC P00F4-P00F6</u>	DTC P00F4 Intake Air Humidity Sensor Circuit Low Voltage DTC P00F5 Intake Air Humidity Sensor Circuit High Voltage DTC P00F6 Intake Air Humidity Sensor Circuit Erratic
<u>DTC P0101</u>	DTC P0101 Mass Air Flow (MAF) Sensor Performance
<u>DTC P0102 or P0103</u>	DTC P0102 Mass Air Flow (MAF) Sensor Circuit Low Frequency DTC P0103 Mass Air Flow (MAF) Sensor Circuit High Frequency
<u>DTC P0106</u>	DTC P0106 Manifold Absolute Pressure (MAP) Sensor Performance
<u>DTC P0107 or P0108</u>	DTC P0107 Manifold Absolute Pressure (MAP) Sensor Circuit Low Voltage DTC P0108 Manifold Absolute Pressure (MAP) Sensor Circuit High Voltage
<u>DTC P0112, P0113, or P0114</u>	DTC P0112 Intake Air Temperature (IAT) Sensor 1 Circuit Low Voltage DTC P0113 Intake Air Temperature (IAT) Sensor 1 Circuit High Voltage DTC P0114 Intake Air Temperature (IAT) Sensor 1 Circuit Intermittent
<u>DTC P0116</u>	DTC P0116 Engine Coolant Temperature (ECT) Sensor Performance
<u>DTC P0117, P0118, or P0119</u>	DTC P0117 Engine Coolant Temperature (ECT) Sensor Circuit Low Voltage DTC P0118 Engine Coolant Temperature (ECT) Sensor Circuit High Voltage DTC P0119 Engine Coolant Temperature (ECT) Sensor Circuit Intermittent
<u>DTC P0121-P0123, P0222, P0223, P16A0-P16A2, or P2135</u>	DTC P0121 Throttle Position Sensor 1 Performance DTC P0122 Throttle Position Sensor 1 Circuit Low Voltage DTC P0123 Throttle Position Sensor 1 Circuit High Voltage DTC P0222 Throttle Position Sensor 2 Circuit Low Voltage DTC P0223 Throttle Position Sensor 2 Circuit High Voltage DTC P16A0 Sensor Communication Circuit Low Voltage DTC P16A1 Sensor Communication Circuit High Voltage DTC P16A2 Sensor Communication Circuit Performance DTC P2135 Throttle Position Sensors 1-2 Not Plausible
<u>DTC P0128</u>	DTC P0128 Engine Coolant Temperature (ECT) Below Thermostat Regulating Temperature
<u>DTC P0131, P0132, P0134, P0137, P0138, P0140, or P2A00</u>	DTC P0131 HO2S Circuit Low Voltage Sensor 1 DTC P0132 HO2S Circuit High Voltage Sensor 1 DTC P0134 HO2S Circuit Insufficient Activity Sensor 1 DTC P0137 HO2S Circuit Low Voltage Sensor 2 DTC P0138 HO2S Circuit High Voltage Sensor 2 DTC P0140 HO2S Circuit Insufficient Activity Sensor 2 DTC P2A00 HO2S Performance Sensor 1
<u>DTC P0133, P013A, P013B, P013E, P013F, P015A, P015B, P2270, or P2271</u>	DTC P0133 HO2S Slow Response Sensor 1 DTC P013A HO2S Slow Response Rich to Lean Sensor 2 DTC P013B HO2S Slow Response Lean to Rich Sensor 2 DTC P013E HO2S Delayed Response Rich to Lean Sensor 2 DTC P013F HO2S Delayed Response Lean to Rich Sensor 2 DTC P015A HO2S Delayed Response Rich to Lean Sensor 1 DTC P015B HO2S Delayed Response Lean to Rich Sensor 1 DTC P2270 HO2S Signal Stuck Lean Sensor 2

	DTC P2271 HO2S Signal Stuck Rich Sensor 2
<u>DTC P0171 or P0172</u>	DTC P0171 Fuel Trim System Lean DTC P0172 Fuel Trim System Rich
<u>DTC P018B-P018D</u> <u>(Chassis Control Module)</u>	DTC P018B Fuel Pressure Sensor Performance DTC P018C Fuel Pressure Sensor Circuit Low Voltage DTC P018D Fuel Pressure Sensor Circuit High Voltage
<u>DTC P0191, P0192, or P0193</u>	DTC P0191 Fuel Rail Pressure Sensor Performance - If applicable DTC P0192 Fuel Rail Pressure Sensor Circuit Low Voltage DTC P0193 Fuel Rail Pressure Sensor Circuit High Voltage
<u>DTC P0201-P0204,</u> <u>P0261, P0262, P0264,</u> <u>P0265, P0267, P0268,</u> <u>P0270, P0271, P1248,</u> <u>P1249, P124A, P124B,</u> <u>P2147, P2148, P2150,</u> <u>P2151, P2153, P2154,</u> <u>P2156, or P2157</u>	DTC P0201 Cylinder 1 Injector Control Circuit DTC P0202 Cylinder 2 Injector Control Circuit DTC P0203 Cylinder 3 Injector Control Circuit DTC P0204 Cylinder 4 Injector Control Circuit DTC P0261 Cylinder 1 Injector Control Circuit Low Voltage DTC P0262 Cylinder 1 Injector Control Circuit High Voltage DTC P0264 Cylinder 2 Injector Control Circuit Low Voltage DTC P0265 Cylinder 2 Injector Control Circuit High Voltage DTC P0267 Cylinder 3 Injector Control Circuit Low Voltage DTC P0268 Cylinder 3 Injector Control Circuit High Voltage DTC P0270 Cylinder 4 Injector Control Circuit Low Voltage DTC P0271 Cylinder 4 Injector Control Circuit High Voltage DTC P1248 Cylinder 1 Injector High Control Circuit Shorted to Control Circuit DTC P1249 Cylinder 2 Injector High Control Circuit Shorted to Control Circuit DTC P124A Cylinder 3 Injector High Control Circuit Shorted to Control Circuit DTC P124B Cylinder 4 Injector High Control Circuit Shorted to Control Circuit DTC P2147 Cylinder 1 Injector High Control Circuit Low Voltage DTC P2148 Cylinder 1 Injector High Control Circuit High Voltage DTC P2150 Cylinder 2 Injector High Control Circuit Low Voltage DTC P2151 Cylinder 2 Injector High Control Circuit High Voltage DTC P2153 Cylinder 3 Injector High Control Circuit Low Voltage DTC P2154 Cylinder 3 Injector High Control Circuit High Voltage DTC P2156 Cylinder 4 Injector High Control Circuit Low Voltage DTC P2157 Cylinder 4 Injector High Control Circuit High Voltage
<u>DTC P0231, P0232, or P023F (Chassis Control Module)</u>	DTC P0231 Fuel Pump Control Circuit Low Voltage DTC P0232 Fuel Pump Control Circuit High Voltage DTC P023F Fuel Pump Control Circuit
<u>DTC P0234 or P0299</u>	DTC P0234 Engine Overboost DTC P0299 Engine Underboost
<u>DTC P0236</u>	DTC P0236 Turbocharger Boost Sensor Performance
<u>DTC P0237 or P0238</u>	DTC P0237 Turbocharger Boost Sensor Circuit Low Voltage DTC P0238 Turbocharger Boost Sensor Circuit High Voltage
<u>DTC P0243, P0245, or</u>	DTC P0243 Turbocharger Wastegate Solenoid Valve Control Circuit

<u>P0246</u>	DTC P0245 Turbocharger Wastegate Solenoid Valve Control Circuit Low Voltage DTC P0246 Turbocharger Wastegate Solenoid Valve Control Circuit High Voltage
<u>DTC P025A (Chassis Control Module)</u>	DTC P025A Fuel Pump Control Module Enable Circuit
<u>DTC P0300-P0304</u>	DTC P0300 Engine Misfire Detected DTC P0301 Cylinder 1 Misfire Detected DTC P0302 Cylinder 2 Misfire Detected DTC P0303 Cylinder 3 Misfire Detected DTC P0304 Cylinder 4 Misfire Detected
<u>DTC P0315</u>	DTC P0315 Crankshaft Position System Variation Not Learned
<u>DTC P0324, P0326, P0331, P06B6, or P06B7</u>	DTC P0324 Knock Sensor System Performance DTC P0326 Knock Sensor 1 Performance DTC P0331 Knock Sensor 2 Performance DTC P06B6 Control Module Knock Sensor Processor 1 Performance DTC P06B7 Control Module Knock Sensor Processor 2 Performance
<u>DTC P0325, P0327, P0328, P0330, P0332, or P0333</u>	DTC P0325 Knock Sensor 1 Circuit DTC P0327 Knock Sensor 1 Circuit Low Voltage DTC P0328 Knock Sensor 1 Circuit High Voltage DTC P0330 Knock Sensor 2 Circuit DTC P0332 Knock Sensor 2 Circuit Low Voltage DTC P0333 Knock Sensor 2 Circuit High Voltage
<u>DTC P0335 or P0336</u>	DTC P0335 Crankshaft Position Sensor Circuit DTC P0336 Crankshaft Position Sensor Performance
<u>DTC P0340, P0341, P0365, or P0366</u>	DTC P0340 Intake Camshaft Position Sensor Circuit DTC P0341 Intake Camshaft Position Sensor Performance DTC P0365 Exhaust Camshaft Position Sensor Circuit DTC P0366 Exhaust Camshaft Position Sensor Performance
<u>DTC P0351-P0354, P2300, P2301, P2303, P2304, P2306, P2307, P2309, or P2310</u>	DTC P0351 Ignition Coil 1 Control Circuit DTC P0352 Ignition Coil 2 Control Circuit DTC P0353 Ignition Coil 3 Control Circuit DTC P0354 Ignition Coil 4 Control Circuit DTC P2300 Ignition Coil 1 Control Circuit Low Voltage DTC P2301 Ignition Coil 1 Control Circuit High Voltage DTC P2303 Ignition Coil 2 Control Circuit Low Voltage DTC P2304 Ignition Coil 2 Control Circuit High Voltage DTC P2306 Ignition Coil 3 Control Circuit Low Voltage DTC P2307 Ignition Coil 3 Control Circuit High Voltage DTC P2309 Ignition Coil 4 Control Circuit Low Voltage DTC P2310 Ignition Coil 4 Control Circuit High Voltage
<u>DTC P0420</u>	DTC P0420 Catalyst System Low Efficiency
<u>DTC P0442</u>	DTC P0442 Evaporative Emission (EVAP) System Small Leak Detected
<u>DTC P0443, P0458, or P0459</u>	DTC P0443 Evaporative Emission (EVAP) Purge Solenoid Valve Control Circuit DTC P0458 Evaporative Emission (EVAP) Purge Solenoid Valve Control

	Circuit Low Voltage DTC P0459 Evaporative Emission (EVAP) Purge Solenoid Valve Control Circuit High Voltage
<u>DTC P0446</u>	DTC P0446 Evaporative Emission (EVAP) Vent System Performance
<u>DTC P0449, P0498, or P0499</u>	DTC P0449 Evaporative Emission (EVAP) Vent Solenoid Valve Control Circuit DTC P0498 Evaporative Emission (EVAP) Vent Solenoid Valve Control Circuit Low Voltage DTC P0499 Evaporative Emission (EVAP) Vent Solenoid Valve Control Circuit High Voltage
<u>DTC P0451-P0454</u>	DTC P0451 Fuel Tank Pressure Sensor Performance DTC P0452 Fuel Tank Pressure Sensor Circuit Low Voltage DTC P0453 Fuel Tank Pressure Sensor Circuit High Voltage DTC P0454 Fuel Tank Pressure Sensor Circuit Intermittent
<u>DTC P0455</u>	DTC P0455 Evaporative Emission (EVAP) System Large Leak Detected
<u>DTC P0496</u>	DTC P0496 Evaporative Emission (EVAP) System Flow During Non-Purge
<u>DTC P0506 or P0507</u>	DTC P0506 Idle Speed Low DTC P0507 Idle Speed High
<u>DTC P050D</u>	DTC P050D Cold Start Rough Idle
<u>DTC P057B-P057D</u>	DTC P057B Brake Pedal Position Sensor Performance DTC P057C Brake Pedal Position Sensor Circuit Low Voltage DTC P057D Brake Pedal Position Sensor Circuit High Voltage
<u>DTC P05CC or P05CE</u>	DTC P05CC Cold Start Intake Camshaft Position System Performance DTC P05CE Cold Start Exhaust Camshaft Position System Performance
<u>DTC P0601-P0604, P0606, P062B, P062F, P0630, P16F3, or P262B (ECM)</u>	DTC P0601 Control Module Read Only Memory Performance DTC P0602 Control Module Not Programmed DTC P0603 Control Module Long Term Memory Reset DTC P0604 Control Module Random Access Memory Performance DTC P0606 Control Module Processor Performance DTC P062B Control Module Fuel Injector Control Performance DTC P062F Control Module Long Term Memory Performance DTC P0630 VIN Not Programmed or Mismatched - Engine Control Module (ECM) DTC P16F3 Control Module Redundant Memory Performance DTC P262B Control Module Power Off Timer Performance
<u>DTC P0601-P0606, P060A, P062F, or P262B (Chassis Control Module)</u>	DTC P0601 Control Module Read Only Memory Performance DTC P0602 Control Module Not Programmed DTC P0603 Control Module Long Term Memory Reset DTC P0604 Control Module Random Access Memory Performance DTC P0606 Control Module Processor Performance DTC P062F Control Module Long Term Memory Performance
<u>DTC P0628</u>	DTC P0628 Fuel Pump Enable Circuit Low Voltage
<u>DTC P0641, P0651, P0697, or P06A3 (ECM)</u>	DTC P0641 5V Reference 1 Circuit DTC P0651 5V Reference 2 Circuit DTC P0697 5V Reference 3 Circuit DTC P06A3 5V Reference 4 Circuit

<u>DTC P0641 or P06A6</u> <u>(Chassis Control Module)</u>	DTC P0641 5V Reference Circuit DTC P06A6 5V Reference 1 Performance
<u>DTC P0650, P263A, or P263B</u>	DTC P0650 Malfunction Indicator Lamp (MIL) Control Circuit Open DTC P263A Malfunction Indicator Lamp (MIL) Control Circuit Low Voltage DTC P263B Malfunction Indicator Lamp (MIL) Control Circuit High Voltage
<u>DTC P0685-P0687, P0689, P0690, or P1682</u>	DTC P0685 Engine Controls Ignition Relay Control Circuit DTC P0686 Engine Controls Ignition Relay Control Circuit Low Voltage DTC P0687 Engine Controls Ignition Relay Control Circuit High Voltage DTCP0689 Engine Controls Ignition Relay Feedback Circuit Low Voltage DTC P0690 Engine Controls Ignition Relay Feedback Circuit High Voltage DTC P1682 Ignition 1 Switch Circuit 2
<u>DTC P069E</u>	DTC P069E Fuel Pump Control Module Requested MIL Illumination
<u>DTC P0700</u>	DTC P0700 Transmission Control Module Requested MIL Illumination
<u>DTC P1255 or P064A</u> <u>(Chassis Control Module)</u>	DTC P064A Fuel Pump Control Module Performance DTC P1255 Fuel Pump Control Module Driver High Temperature
<u>DTC P135A</u>	DTC P135A Ignition Coil Supply Voltage Circuit Bank 1
<u>DTC P1400</u>	DTC P1400 Cold Start Emission Reduction Control System
<u>DTC P150C</u>	DTC P150C Transmission Control Module Engine Speed Request Signal Message Counter Incorrect
<u>DTC P1516, P2101, P2119, or P2176</u>	DTC P1516 Throttle Actuator Control (TAC) Module Throttle Actuator Position Performance DTC P2101 Throttle Actuator Position Performance DTC P2119 Throttle Closed Position Performance DTC P2176 Minimum Throttle Position Not Learned
<u>DTC P159F or P15A0</u>	DTC P159F Fuel Economy Mode Switch Circuit Low Voltage DTC P15A0 Fuel Economy Mode Switch Circuit High Voltage
<u>DTC P15A1</u>	DTC P15A1 Fuel Economy Mode Switch Performance
<u>DTC P163A</u>	DTC P163A Control Module Fuel Pressure Regulator 1 Control System Circuitry Performance
<u>DTC P2096</u>	DTC P2096 Post Catalyst Fuel Trim System Low Limit
<u>DTC P2097</u>	DTC P2097 Post Catalyst Fuel Trim System High Limit
<u>DTC P2122, P2123, P2127, P2128, or P2138</u>	DTC P2122 Accelerator Pedal Position (APP) Sensor 1 Circuit Low Voltage DTC P2123 Accelerator Pedal Position (APP) Sensor 1 Circuit High Voltage DTC P2127 Accelerator Pedal Position (APP) Sensor 2 Circuit Low Voltage DTC P2128 Accelerator Pedal Position (APP) Sensor 2 Circuit High Voltage DTC P2138 Accelerator Pedal Position (APP) Sensors 1-2 Not Plausible
<u>DTC P2199</u>	DTC P2199 Intake Air Temperature (IAT) Sensor 1-2 Not Plausible
<u>DTC P219A</u>	DTC P219A Fuel Trim Cylinder Balance
<u>DTC P2227-P2230</u>	DTC P2227 Barometric Pressure (BARO) Sensor Performance DTC P2228 Barometric Pressure (BARO) Sensor Circuit Low Voltage DTC P2229 Barometric Pressure (BARO) Sensor Circuit High Voltage DTC P2230 Barometric Pressure (BARO) Sensor Circuit Erratic
<u>DTC P2261</u>	DTC P2261 Turbocharger Bypass Valve Stuck

<u>DTC P2534 or P2535</u> <u>(Chassis Control Module)</u>	DTC P2534 Ignition On/Start Switch Circuit Low Voltage DTC P2535 Ignition On/Start Switch Circuit High Voltage
<u>DTC P2544</u>	DTC P2544 Transmission Torque Request Signal Message Counter Incorrect
<u>DTC P2615 or P2616</u>	DTC P2615 Camshaft Position Signal Output Circuit Low Voltage DTC P2616 Camshaft Position Signal Output Circuit High Voltage
<u>DTC P2618 or P2619</u>	DTC P2618 Crankshaft Position Signal Output Circuit Low Voltage DTC P2619 Crankshaft Position Signal Output Circuit High Voltage
<u>DTC P2635 (Chassis Control Module)</u>	DTC P2635 Fuel Pump Flow Performance

ENGINE CONTROLS/FUEL - 3.6L - DIAGNOSTIC TROUBLE CODES

ENGINE CONTROLS/FUEL - 3.6L - DIAGNOSTIC TROUBLE CODES

DTC	Description
<u>DTC P0010, P0013, P0020, P0023, P2088, P2089, P2090, P2091, P2092, P2093, P2094, or P2095</u>	DTC P0010 Intake Camshaft Position Actuator Solenoid Valve Control Circuit Bank 1 DTC P0013 Exhaust Camshaft Position Actuator Solenoid Valve Control Circuit Bank 1 DTC P0020 Intake Camshaft Position Actuator Solenoid Valve Control Circuit Bank 2 DTC P0023 Exhaust Camshaft Position Actuator Solenoid Valve Control Circuit Bank 2 DTC P2088 Intake Camshaft Position Actuator Solenoid Valve Control Circuit Low Voltage Bank 1 DTC P2089 Intake Camshaft Position Actuator Solenoid Valve Control Circuit High Voltage Bank 1 DTC P2090 Exhaust Camshaft Position Actuator Solenoid Valve Control Circuit Low Voltage Bank 1 DTC P2091 Exhaust Camshaft Position Actuator Solenoid Valve Control Circuit High Voltage Bank 1 DTC P2092 Intake Camshaft Position Actuator Solenoid Valve Control Circuit Low Voltage Bank 2 DTC P2093 Intake Camshaft Position Actuator Solenoid Valve Control Circuit High Voltage Bank 2 DTC P2094 Exhaust Camshaft Position Actuator Solenoid Valve Control Circuit Low Voltage Bank 2 DTC P2095 Exhaust Camshaft Position Actuator Solenoid Valve Control Circuit High Voltage Bank 2
<u>DTC P0011, P0014, P0021, or P0024</u>	DTC P0011 Intake Camshaft Position System Performance Bank 1 DTC P0014 Exhaust Camshaft Position System Performance Bank 1 DTC P0021 Intake Camshaft Position System Performance Bank 2 DTC P0024 Exhaust Camshaft Position System Performance Bank 2
<u>DTC P0016, P0017, P0018, or P0019 (LFX)</u>	DTC P0016 Crankshaft Position - Intake Camshaft Position Not Plausible Bank 1 DTC P0017 Crankshaft Position - Exhaust Camshaft Position Not Plausible Bank 1

	DTC P0018 Crankshaft Position - Intake Camshaft Position Not Plausible Bank 2 DTC P0019 Crankshaft Position - Exhaust Camshaft Position Not Plausible Bank 2
<u>DTC P0016, P0017, P0018, or P0019 (LF3)</u>	DTC P0016 Crankshaft Position - Intake Camshaft Position Not Plausible Bank 1 DTC P0017 Crankshaft Position - Exhaust Camshaft Position Not Plausible Bank 1 DTC P0018 Crankshaft Position - Intake Camshaft Position Not Plausible Bank 2 DTC P0019 Crankshaft Position - Exhaust Camshaft Position Not Plausible Bank 2
<u>DTC P0030-P0032, P0036-P0038, P0050-P0054, P0056-P0060, P0135, P0141, P0155, or P0161</u>	DTC P0030 HO2S Heater Control Circuit Bank 1 Sensor 1 DTC P0031 HO2S Heater Control Circuit Low Voltage Bank 1 Sensor 1 DTC P0032 HO2S Heater Control Circuit High Voltage Bank 1 Sensor 1 DTC P0036 HO2S Heater Control Circuit Bank 1 Sensor 2 DTC P0037 HO2S Heater Control Circuit Low Voltage Bank 1 Sensor 2 DTC P0038 HO2S Heater Control Circuit High Voltage Bank 1 Sensor 2 DTC P0050 HO2S Heater Control Circuit Bank 2 Sensor 1 DTC P0051 HO2S Heater Control Circuit Low Voltage Bank 2 Sensor 1 DTC P0052 HO2S Heater Control Circuit High Voltage Bank 2 Sensor 1 DTC P0053 HO2S Heater Resistance Bank 1 Sensor 1 DTC P0054 HO2S Heater Resistance Bank 1 Sensor 2 DTC P0056 HO2S Heater Control Circuit Bank 2 Sensor 2 DTC P0057 HO2S Heater Control Circuit Low Voltage Bank 2 Sensor 2 DTC P0058 HO2S Heater Control Circuit High Voltage Bank 2 Sensor 2 DTC P0059 HO2S Heater Resistance Bank 2 Sensor 1 DTC P0060 HO2S Heater Resistance Bank 2 Sensor 2 DTC P0135 HO2S Heater Performance Bank 1 Sensor 1 DTC P0141 HO2S Heater Performance Bank 1 Sensor 2 DTC P0155 HO2S Heater Performance Bank 2 Sensor 1 DTC P0161 HO2S Heater Performance Bank 2 Sensor 2
<u>DTC P0033-P0035 or P00C0-P00C2</u>	DTC P0033 Turbocharger Bypass Solenoid Valve Control Circuit Bank 1 DTC P0034 Turbocharger Bypass Solenoid Valve Control Circuit Low Voltage Bank 1 DTC P0035 Turbocharger Bypass Solenoid Valve Control Circuit High Voltage Bank 1 DTC P00C0 Turbocharger Bypass Solenoid Valve Control Circuit Bank 2 DTC P00C1 Turbocharger Bypass Solenoid Valve Control Circuit Low Voltage Bank 2 DTC P00C2 Turbocharger Bypass Solenoid Valve Control Circuit High Voltage Bank 2
<u>DTC P0068 or P1101 (LFX)</u>	DTC P0068 Throttle Body Air Flow Performance DTC P1101 Intake Air Flow System Performance
<u>DTC P0068 or P1101 (LF3)</u>	DTC P0068 Throttle Body Air Flow Performance DTC P1101 Intake Air Flow System Performance
<u>DTC P0089, P00C6,</u>	DTC P0089 Fuel Pressure Regulator Performance

<u>P228C, or P228D</u>	DTC P00C6 Fuel Rail Pressure Low During Engine Cranking DTC P228C Fuel Pressure Regulator Control Performance - Low Pressure DTC P228D Fuel Pressure Regulator Control Performance - High Pressure
<u>DTC P0090-P0092, P00C8, P00C9, or P00CA</u>	DTC P0090 Fuel Pressure Regulator Control Circuit DTC P0091 Fuel Pressure Regulator Control Circuit Low Voltage DTC P0092 Fuel Pressure Regulator Control Circuit High Voltage DTC P00C8 Fuel Pressure Regulator High Control Circuit DTC P00C9 Fuel Pressure Regulator High Control Circuit Low Voltage DTC P00CA Fuel Pressure Regulator High Control Circuit High Voltage
<u>DTC P0096 or P0111 (LFX)</u>	DTC P0096 Intake Air Temperature (IAT) Sensor 2 Performance DTC P0111 Intake Air Temperature (IAT) Sensor 1 Performance
<u>DTC P0096 or P0111 (LF3)</u>	DTC P0096 Intake Air Temperature (IAT) Sensor 2 Performance DTC P0111 Intake Air Temperature (IAT) Sensor 1 Performance
<u>DTC P0097, P0098, or P0099 (LFX)</u>	DTC P0097 Intake Air Temperature (IAT) Sensor 2 Circuit Low Voltage DTC P0098 Intake Air Temperature (IAT) Sensor 2 Circuit High Voltage DTC P0099 Intake Air Temperature (IAT) Sensor 2 Circuit Intermittent
<u>DTC P0097, P0098, or P0099 (LF3)</u>	DTC P0097 Intake Air Temperature (IAT) Sensor 2 Circuit Low Voltage DTC P0098 Intake Air Temperature (IAT) Sensor 2 Circuit High Voltage DTC P0099 Intake Air Temperature (IAT) Sensor 2 Circuit Intermittent
<u>DTC P00C4 or P2261</u>	DTC P00C4 Turbocharger Bypass Valve Stuck Bank 2 DTC P2261 Turbocharger Bypass Valve Stuck
<u>DTC P00C7 (LF3)</u>	DTC P00C7 Intake Air Pressure Measurement System - Multiple Sensors Not Plausible
<u>DTC P00E9</u>	DTC P00E9 Intake Air Temperature (IAT) Sensor 3 Performance
<u>DTC P00EA-P00EC</u>	DTC P00EA Intake Air Temperature (IAT) Sensor 3 Circuit Low Voltage DTC P00EB Intake Air Temperature (IAT) Sensor 3 Circuit High Voltage DTC P00EC Intake Air Temperature (IAT) Sensor 3 Circuit Intermittent
<u>DTC P00F4-P00F6 (LFX)</u>	DTC P00F4 Intake Air Humidity Sensor Circuit Low Voltage DTC P00F5 Intake Air Humidity Sensor Circuit High Voltage DTC P00F6 Intake Air Humidity Sensor Circuit Erratic
<u>DTC P00F4-P00F6 (LF3)</u>	DTC P00F4 Intake Air Humidity Sensor Circuit Low Voltage DTC P00F5 Intake Air Humidity Sensor Circuit High Voltage DTC P00F6 Intake Air Humidity Sensor Circuit Erratic
<u>DTC P0101 (LFX)</u>	DTC P0101 Mass Air Flow (MAF) Sensor Performance
<u>DTC P0101 (LF3)</u>	DTC P0101 Mass Air Flow (MAF) Sensor Performance Bank 1
<u>DTC P0102 or P0103 (LFX)</u>	DTC P0102 Mass Air Flow (MAF) Sensor Circuit Low Frequency DTC P0103 Mass Air Flow (MAF) Sensor Circuit High Frequency
<u>DTC P0102 or P0103 (LF3)</u>	DTC P0102 Mass Air Flow (MAF) Sensor Circuit Low Frequency Bank 1 DTC P0103 Mass Air Flow (MAF) Sensor Circuit High Frequency Bank 1
<u>DTC P0106</u>	DTC P0106 Manifold Absolute Pressure (MAP) Sensor Performance
<u>DTC P0107 or P0108</u>	DTC P0107 Manifold Absolute Pressure (MAP) Sensor Circuit Low Voltage DTC P0108 Manifold Absolute Pressure (MAP) Sensor Circuit High Voltage
<u>DTC P010B</u>	DTC P010B Mass Air Flow (MAF) Sensor Performance Bank 2
<u>DTC P010C or P010D</u>	DTC P010C Mass Air Flow (MAF) Sensor Circuit Low Frequency Bank 2 DTC P010D Mass Air Flow (MAF) Sensor Circuit High Frequency Bank 2

<u>DTC P0112, P0113, or P0114 (LFX)</u>	DTC P0112 Intake Air Temperature (IAT) Sensor 1 Circuit Low Voltage DTC P0113 Intake Air Temperature (IAT) Sensor 1 Circuit High Voltage DTC P0114 Intake Air Temperature (IAT) Sensor 1 Circuit Intermittent
<u>DTC P0112, P0113, or P0114 (LF3)</u>	DTC P0112 Intake Air Temperature (IAT) Sensor 1 Circuit Low Voltage DTC P0113 Intake Air Temperature (IAT) Sensor 1 Circuit High Voltage DTC P0114 Intake Air Temperature (IAT) Sensor 1 Circuit Intermittent
<u>DTC P0116</u>	DTC P0116 Engine Coolant Temperature (ECT) Sensor Performance
<u>DTC P0117, P0118, or P0119</u>	DTC P0117 Engine Coolant Temperature (ECT) Sensor Circuit Low Voltage DTC P0118 Engine Coolant Temperature (ECT) Sensor Circuit High Voltage DTC P0119 Engine Coolant Temperature (ECT) Sensor Circuit Intermittent
<u>DTC P0121-P0123, P0222, P0223, P16A0-P16A2, or P2135 (LF3)</u>	DTC P0121 Throttle Position Sensor 1 Performance DTC P0122 Throttle Position Sensor 1 Circuit Low Voltage DTC P0123 Throttle Position Sensor 1 Circuit High Voltage DTC P0222 Throttle Position Sensor 2 Circuit Low Voltage DTC P0223 Throttle Position Sensor 2 Circuit High Voltage DTC P16A0 Sensor Communication Circuit Low Voltage DTC P16A1 Sensor Communication Circuit High Voltage DTC P16A2 Sensor Communication Circuit Performance DTC P2135 Throttle Position Sensors 1-2 Not Plausible
<u>DTC P0121-P0123, P0222, P0223, P16A0-P16A2, or P2135 (LFX)</u>	DTC P0121 Throttle Position Sensor 1 Performance DTC P0122 Throttle Position Sensor 1 Circuit Low Voltage DTC P0123 Throttle Position Sensor 1 Circuit High Voltage DTC P0222 Throttle Position Sensor 2 Circuit Low Voltage DTC P0223 Throttle Position Sensor 2 Circuit High Voltage DTC P16A0 Sensor Communication Circuit Low Voltage DTC P16A1 Sensor Communication Circuit High Voltage DTC P16A2 Sensor Communication Circuit Performance DTC P2135 Throttle Position Sensors 1-2 Not Plausible
<u>DTC P0128</u>	DTC P0128 Engine Coolant Temperature (ECT) Below Thermostat Regulating Temperature
<u>DTC P0131, P0132, P0134, P0137, P0138, P0140, P0151, P0152, P0154, P0157, P0158, or P0160</u>	DTC P0131 HO2S Circuit Low Voltage Bank 1 Sensor 1 DTC P0132 HO2S Circuit High Voltage Bank 1 Sensor 1 DTC P0134 HO2S Circuit Insufficient Activity Bank 1 Sensor 1 DTC P0137 HO2S Circuit Low Voltage Bank 1 Sensor 2 DTC P0138 HO2S Circuit High Voltage Bank 1 Sensor 2 DTC P0140 HO2S Circuit Insufficient Activity Bank 1 Sensor 2 DTC P0151 HO2S Circuit Low Voltage Bank 2 Sensor 1 DTC P0152 HO2S Circuit High Voltage Bank 2 Sensor 1 DTC P0154 HO2S Circuit Insufficient Activity Bank 2 Sensor 1 DTC P0157 HO2S Circuit Low Voltage Bank 2 Sensor 2 DTC P0158 HO2S Circuit High Voltage Bank 2 Sensor 2 DTC P0160 HO2S Circuit Insufficient Activity Bank 2 Sensor 2
<u>DTC P0133, P013A-P013F, P014A, P014B, P0153, P015A-P015D, or P2270-P2273</u>	DTC P0133 HO2S Slow Response Bank 1 Sensor 1 DTC P013A HO2S Slow Response Rich to Lean Bank 1 Sensor 2 DTC P013B HO2S Slow Response Lean to Rich Bank 1 Sensor 2 DTC P013C HO2S Slow Response Rich to Lean Bank 2 Sensor 2 DTC P013D HO2S Slow Response Lean to Rich Bank 2 Sensor 2

	DTC P013E HO2S Delayed Response Rich to Lean Bank 1 Sensor 2 DTC P013F HO2S Delayed Response Lean to Rich Bank 1 Sensor 2 DTC P014A HO2S Delayed Response Rich to Lean Bank 2 Sensor 2 DTC P014B HO2S Delayed Response Lean to Rich Bank 2 Sensor 2 DTC P0153 HO2S Slow Response Bank 2 Sensor 1 DTC P015A HO2S Delayed Response Rich to Lean Bank 1 Sensor 1 DTC P015B HO2S Delayed Response Lean to Rich Bank 1 Sensor 1 DTC P015C HO2S Delayed Response Rich to Lean Bank 2 Sensor 1 DTC P015D HO2S Delayed Response Lean to Rich Bank 2 Sensor 1 DTC P2270 HO2S Signal Stuck Lean Bank 1 Sensor 2 DTC P2271 HO2S Signal Stuck Rich Bank 1 Sensor 2 DTC P2272 HO2S Signal Stuck Lean Bank 2 Sensor 2 DTC P2273 HO2S Signal Stuck Rich Bank 2 Sensor 2
<u>DTC P0171, P0172, P0174, or P0175</u>	DTC P0171 Fuel Trim System Lean Bank 1 DTC P0172 Fuel Trim System Rich Bank 1 DTC P0174 Fuel Trim System Lean Bank 2 DTC P0175 Fuel Trim System Rich Bank 2
<u>DTC P018B-P018D (LF3)</u>	DTC P018B Fuel Pressure Sensor Performance DTC P018C Fuel Pressure Sensor Circuit Low Voltage DTC P018D Fuel Pressure Sensor Circuit High Voltage
<u>DTC P018B-P018D (Chassis Control Module)</u>	DTC P018B Fuel Pressure Sensor Performance DTC P018C Fuel Pressure Sensor Circuit Low Voltage DTC P018D Fuel Pressure Sensor Circuit High Voltage
<u>DTC P0191</u>	DTC P0191 Fuel Rail Pressure Sensor Performance
<u>DTC P0192 or P0193</u>	DTC P0192 Fuel Rail Pressure Sensor Circuit Low Voltage DTC P0193 Fuel Rail Pressure Sensor Circuit High Voltage
<u>DTC P0201, P0202, P0203, P0204, P0205, P0206, P0261, P0262, P0264, P0265, P0267, P0268, P0270, P0271, P0273, P0274, P0276, or P0277</u>	DTC P0201 Cylinder 1 Injector Control Circuit DTC P0202 Cylinder 2 Injector Control Circuit DTC P0203 Cylinder 3 Injector Control Circuit DTC P0204 Cylinder 4 Injector Control Circuit DTC P0205 Cylinder 5 Injector Control Circuit DTC P0206 Cylinder 6 Injector Control Circuit DTC P0261 Cylinder 1 Injector Control Circuit Low Voltage DTC P0262 Cylinder 1 Injector Control Circuit High Voltage DTC P0264 Cylinder 2 Injector Control Circuit Low Voltage DTC P0265 Cylinder 2 Injector Control Circuit High Voltage DTC P0267 Cylinder 3 Injector Control Circuit Low Voltage DTC P0268 Cylinder 3 Injector Control Circuit High Voltage DTC P0270 Cylinder 4 Injector Control Circuit Low Voltage DTC P0271 Cylinder 4 Injector Control Circuit High Voltage DTC P0273 Cylinder 5 Injector Control Circuit Low Voltage DTC P0274 Cylinder 5 Injector Control Circuit High Voltage DTC P0276 Cylinder 6 Injector Control Circuit Low Voltage DTC P0277 Cylinder 6 Injector Control Circuit High Voltage
<u>DTC P0231, P0232, or P023F (LF3)</u>	DTC P0231 Fuel Pump Control Circuit Low Voltage DTC P0232 Fuel Pump Control Circuit High Voltage DTC P023F Fuel Pump Control Circuit

<u>DTC P0231, P0232, or P023F (Chassis Control Module)</u>	DTC P0231 Fuel Pump Control Circuit Low Voltage DTC P0232 Fuel Pump Control Circuit High Voltage DTC P023F Fuel Pump Control Circuit
<u>DTC P0234 or P0299</u>	DTC P0234 Engine Overboost DTC P0299 Engine Underboost
<u>DTC P0236</u>	DTC P0236 Turbocharger Boost Sensor Performance
<u>DTC P0237 or P0238</u>	DTC P0237 Turbocharger Boost Sensor Circuit Low Voltage DTC P0238 Turbocharger Boost Sensor Circuit High Voltage
<u>DTC P023A-P023C</u>	DTC P023A Charge Air Cooler Coolant Pump Relay Control Circuit DTC P023B Charge Air Cooler Coolant Pump Relay Control Circuit Low Voltage DTC P023C Charge Air Cooler Coolant Pump Relay Control Circuit High Voltage
<u>DTC P0243, P0245-P0247, P0249, or P0250</u>	DTC P0243 Turbocharger Wastegate Solenoid Valve Control Circuit Bank 1 DTC P0245 Turbocharger Wastegate Solenoid Valve Control Circuit Low Voltage Bank 1 DTC P0246 Turbocharger Wastegate Solenoid Valve Control Circuit High Voltage Bank 1 DTC P0247 Turbocharger Wastegate Solenoid Valve Control Circuit Bank 2 DTC P0249 Turbocharger Wastegate Solenoid Valve Control Circuit Low Voltage Bank 2 DTC P0250 Turbocharger Wastegate Solenoid Valve Control Circuit High Voltage Bank 2
<u>DTC P025A (Chassis Control Module)</u>	DTC P025A Fuel Pump Control Module Enable Circuit
<u>DTC P026A</u>	DTC P026A Charge Air Cooler (CAC) Low Efficiency
<u>DTC P0300-P0306</u>	DTC P0300 Engine Misfire Detected DTC P0301 Cylinder 1 Misfire Detected DTC P0302 Cylinder 2 Misfire Detected DTC P0303 Cylinder 3 Misfire Detected DTC P0304 Cylinder 4 Misfire Detected DTC P0305 Cylinder 5 Misfire Detected DTC P0306 Cylinder 6 Misfire Detected
<u>DTC P0315</u>	DTC P0315 Crankshaft Position System Variation Not Learned
<u>DTC P0324, P0326, P0331, P06B6, or P06B7</u>	DTC P0324 Knock Sensor System Performance DTC P0326 Knock Sensor Performance Bank 1 DTC P0331 Knock Sensor Performance Bank 2 DTC P06B6 Control Module Knock Sensor Processor 1 Performance DTC P06B7 Control Module Knock Sensor Processor 2 Performance
<u>DTC P0325, P0327, P0328, P0330, P0332, or P0333</u>	DTC P0325 Knock Sensor Circuit Bank 1 DTC P0327 Knock Sensor Circuit Low Voltage Bank 1 DTC P0328 Knock Sensor Circuit High Voltage Bank 1 DTC P0330 Knock Sensor Circuit Bank 2 DTC P0332 Knock Sensor Circuit Low Voltage Bank 2 DTC P0333 Knock Sensor Circuit High Voltage Bank 2
<u>DTC P0335 or P0336</u>	DTC P0335 Crankshaft Position Sensor Circuit

	DTC P0336 Crankshaft Position Sensor Performance
<u>DTC P0340, P0341, P0345, P0346, P0365, P0366, P0390, or P0391</u>	DTC P0340 Intake Camshaft Position Sensor Circuit Bank 1 DTC P0341 Intake Camshaft Position Sensor Performance Bank 1 DTC P0345 Intake Camshaft Position Sensor Circuit Bank 2 DTC P0346 Intake Camshaft Position Sensor Performance Bank 2 DTC P0365 Exhaust Camshaft Position Sensor Circuit Bank 1 DTC P0366 Exhaust Camshaft Position Sensor Performance Bank 1 DTC P0390 Exhaust Camshaft Position Sensor Circuit Bank 2 DTC P0391 Exhaust Camshaft Position Sensor Performance Bank 2
<u>DTC P0351-P0356, P2300, P2301, P2303, P2304, P2306, P2307, P2309, P2310, P2312, P2313, P2315, or P2316</u>	DTC P0351 Ignition Coil 1 Control Circuit DTC P0352 Ignition Coil 2 Control Circuit DTC P0353 Ignition Coil 3 Control Circuit DTC P0354 Ignition Coil 4 Control Circuit DTC P0355 Ignition Coil 5 Control Circuit DTC P0356 Ignition Coil 6 Control Circuit DTC P2300 Ignition Coil 1 Control Circuit Low Voltage DTC P2301 Ignition Coil 1 Control Circuit High Voltage DTC P2303 Ignition Coil 2 Control Circuit Low Voltage DTC P2304 Ignition Coil 2 Control Circuit High Voltage DTC P2306 Ignition Coil 3 Control Circuit Low Voltage DTC P2307 Ignition Coil 3 Control Circuit High Voltage DTC P2309 Ignition Coil 4 Control Circuit Low Voltage DTC P2310 Ignition Coil 4 Control Circuit High Voltage DTC P2312 Ignition Coil 5 Control Circuit Low Voltage DTC P2313 Ignition Coil 5 Control Circuit High Voltage DTC P2315 Ignition Coil 6 Control Circuit Low Voltage DTC P2316 Ignition Coil 6 Control Circuit High Voltage
<u>DTC P0411</u>	DTC P0411 Secondary Air Injection System Incorrect Air Flow Detected
<u>DTC P0412, P041F, or P044F</u>	DTC P0412 Secondary Air Injection Valve Control Circuit DTC P041F Secondary Air Injection Valve Control Circuit Low Voltage DTC P044F Secondary Air Injection Valve Control Circuit High Voltage
<u>DTC P0418, P2257, or P2258</u>	DTC P0418 Secondary Air Injection Pump Relay Control Circuit DTC P2257 Secondary Air Injection Pump Relay Control Circuit Low Voltage DTC P2258 Secondary Air Injection Pump Relay Control Circuit High Voltage
<u>DTC P0420 or P0430 (LFX)</u>	DTC P0420 Catalyst System Low Efficiency Bank 1 DTC P0430 Catalyst System Low Efficiency Bank 2
<u>DTC P0420 or P0430 (LF3)</u>	DTC P0420 Catalyst System Low Efficiency DTC P0430 Catalyst System Low Efficiency Bank 2
<u>DTC P0442</u>	DTC P0442 Evaporative Emission (EVAP) System Small Leak Detected
<u>DTC P0443, P0458, or P0459</u>	DTC P0443 Evaporative Emission (EVAP) Purge Solenoid Valve Control Circuit DTC P0458 Evaporative Emission (EVAP) Purge Solenoid Valve Control Circuit Low Voltage DTC P0459 Evaporative Emission (EVAP) Purge Solenoid Valve Control Circuit High Voltage
<u>DTC P0446</u>	DTC P0446 Evaporative Emission (EVAP) Vent System Performance

<u>DTC P0449, P0498, or P0499</u>	DTC P0449 Evaporative Emission (EVAP) Vent Solenoid Valve Control Circuit DTC P0498 Evaporative Emission (EVAP) Vent Solenoid Valve Control Circuit Low Voltage DTC P0499 Evaporative Emission (EVAP) Vent Solenoid Valve Control Circuit High Voltage
<u>DTC P0451-P0454</u>	DTC P0451 Fuel Tank Pressure Sensor Performance DTC P0452 Fuel Tank Pressure Sensor Circuit Low Voltage DTC P0453 Fuel Tank Pressure Sensor Circuit High Voltage DTC P0454 Fuel Tank Pressure Sensor Circuit Intermittent
<u>DTC P0455</u>	DTC P0455 Evaporative Emission (EVAP) System Large Leak Detected
<u>DTC P0496</u>	DTC P0496 Evaporative Emission (EVAP) System Flow During Non-Purge
<u>DTC P0506 or P0507</u>	DTC P0506 Idle Speed Low DTC P0507 Idle Speed High
<u>DTC P050D</u>	DTC P050D Cold Start Rough Idle
<u>DTC P05CC-P05CF</u>	DTC P05CC Cold Start Intake Camshaft Position System Performance Bank 1 DTC P05CD Cold Start Intake Camshaft Position System Performance Bank 2 DTC P05CE Cold Start Exhaust Camshaft Position System Performance Bank 1 DTC P05CF Cold Start Exhaust Camshaft Position System Performance Bank 2
<u>DTC P057B-P057D</u>	DTC P057B Brake Pedal Position Sensor Performance DTC P057C Brake Pedal Position Sensor Circuit Low Voltage DTC P057D Brake Pedal Position Sensor Circuit High Voltage
<u>DTC P0601-P0604, P0606, P062B, P062F, P0630, P16F3, or P262B (ECM)</u>	DTC P0601 Control Module Read Only Memory Performance DTC P0602 Control Module Not Programmed DTC P0603 Control Module Long Term Memory Reset DTC P0604 Control Module Random Access Memory Performance DTC P0606 Control Module Processor Performance DTC P062B Control Module Fuel Injector Control Performance DTC P062F Control Module Long Term Memory Performance DTC P0630 VIN Not Programmed or Mismatched - Engine Control Module (ECM) DTC P16F3 Control Module Redundant Memory Performance DTC P262B Control Module Power Off Timer Performance
<u>DTC P0601-P0606, P060A, P062F, or P262B (Chassis Control Module)</u>	DTC P0601 Control Module Read Only Memory Performance DTC P0602 Control Module Not Programmed DTC P0603 Control Module Long Term Memory Reset DTC P0604 Control Module Random Access Memory Performance DTC P0606 Control Module Processor Performance DTC P062F Control Module Long Term Memory Performance
<u>DTC P0628</u>	DTC P0628 Fuel Pump Enable Circuit Low Voltage
<u>DTC P0641 or P06A6 (Chassis Control Module)</u>	DTC P0641 5V Reference Circuit DTC P06A6 5V Reference 1 Performance
<u>DTC P0641, P0651, P0697, or P06A3 (ECM)</u>	DTC P0641 5V Reference 1 Circuit DTC P0651 5V Reference 2 Circuit DTC P0697 5V Reference 3 Circuit DTC P06A3 5V Reference 4 Circuit

<u>DTC P0650, P263A, or P263B</u>	DTC P0650 Malfunction Indicator Lamp (MIL) Control Circuit DTC P263A Malfunction Indicator Lamp (MIL) Control Circuit Low Voltage DTC P263B Malfunction Indicator Lamp (MIL) Control Circuit High Voltage
<u>DTC P0685-P0687, P0689, P0690, or P1682</u>	DTC P0685 Engine Controls Ignition Relay Control Circuit DTC P0686 Engine Controls Ignition Relay Control Circuit Low Voltage DTC P0687 Engine Controls Ignition Relay Control Circuit High Voltage DTC P0689 Engine Controls Ignition Relay Feedback Circuit Low Voltage DTC P0690 Engine Controls Ignition Relay Feedback Circuit High Voltage DTC P1682 Ignition 1 Switch Circuit 2
<u>DTC P069E</u>	DTC P069E Fuel Pump Control Module Requested MIL Illumination
<u>DTC P0700</u>	DTC P0700 Transmission Control Module Requested MIL Illumination
<u>DTC P1248-P124D</u>	DTC P1248 Cylinder 1 Injector High Control Circuit Shorted to Control Circuit DTC P1249 Cylinder 2 Injector High Control Circuit Shorted to Control Circuit DTC P124A Cylinder 3 Injector High Control Circuit Shorted to Control Circuit DTC P124B Cylinder 4 Injector High Control Circuit Shorted to Control Circuit DTC P124C Cylinder 5 Injector High Control Circuit Shorted to Control Circuit DTC P124D Cylinder 6 Injector High Control Circuit Shorted to Control Circuit
<u>DTC P1255 (LF3)</u>	DTC P1255 Fuel Pump Control Module Driver Overtemperature
<u>DTC P1255 or P064A (Chassis Control Module)</u>	DTC P064A Fuel Pump Control Module Performance DTC P1255 Fuel Pump Control Module Driver High Temperature
<u>DTC P129B or P129C (LF3)</u>	DTC P129B Fuel Pump Driver Control Module System Voltage Low DTC P129C Fuel Pump Driver Control Module System Voltage High
<u>DTC P129D (LF3)</u>	DTC P129D Fuel Pump Driver Control Module Ignition On/Start Switch Circuit Low Voltage
<u>DTC P12A6 (LF3)</u>	DTC P12A6 Fuel Pump Driver Control Module Enable Circuit Performance
<u>DTC P129E or P12A8</u>	DTC P129E Fuel Pump Driver Control Module Signal Message Counter Incorrect DTC P12A8 Fuel Pump Control Signal Message Counter Incorrect
<u>DTC P135A or P135B</u>	DTC P135A Ignition Coil Supply Voltage Circuit Bank 1 DTC P135B Ignition Coil Supply Voltage Circuit Bank 2
<u>DTC P1400</u>	DTC P1400 Cold Start Emission Reduction Control System
<u>DTC P150C</u>	DTC P150C Transmission Control Module Engine Speed Request Signal Message Counter Incorrect
<u>DTC P1516, P2101, P2119, or P2176 (LFX)</u>	DTC P1516 Throttle Actuator Control (TAC) Module Throttle Actuator Position Performance DTC P2101 Throttle Actuator Position Performance DTC P2119 Throttle Closed Position Performance DTC P2176 Minimum Throttle Position Not Learned
<u>DTC P1516, P2101, P2119, or P2176 (LF3)</u>	DTC P1516 Throttle Actuator Control (TAC) Module Throttle Actuator Position Performance DTC P2101 Throttle Actuator Position Performance DTC P2119 Throttle Closed Position Performance DTC P2176 Minimum Throttle Position Not Learned
<u>DTC P159F or P15A0</u>	DTC P159F Fuel Economy Mode Switch Circuit Low Voltage

	DTC P15A0 Fuel Economy Mode Switch Circuit High Voltage
<u>DTC P15A1</u>	DTC P15A1 Fuel Economy Mode Switch Performance
<u>DTC P163A</u>	DTC P163A Control Module Fuel Pressure Regulator 1 Control System Circuitry Performance
<u>DTC P2096 or P2098</u>	DTC P2096 Post Catalyst Fuel Trim System Low Limit Bank 1 DTC P2098 Post Catalyst Fuel Trim System Low Limit Bank 2
<u>DTC P2097 or P2099</u>	DTC P2097 Post Catalyst Fuel Trim System High Limit Bank 1 DTC P2099 Post Catalyst Fuel Trim System High Limit Bank 2
<u>DTC P2122, P2123, P2127, P2128, or P2138</u>	DTC P2122 Accelerator Pedal Position (APP) Sensor 1 Circuit Low Voltage DTC P2123 Accelerator Pedal Position (APP) Sensor 1 Circuit High Voltage DTC P2127 Accelerator Pedal Position (APP) Sensor 2 Circuit Low Voltage DTC P2128 Accelerator Pedal Position (APP) Sensor 2 Circuit High Voltage DTC P2138 Accelerator Pedal Position (APP) Sensors 1-2 Not Plausible
<u>DTC P2147, P2148, P2150, P2151, P2153, P2154, P2156, P2157, P216B, P216C, P216E, or P216F</u>	DTC P2147 Cylinder 1 Injector High Control Circuit Low Voltage DTC P2148 Cylinder 1 Injector High Control Circuit High Voltage DTC P2150 Cylinder 2 Injector High Control Circuit Low Voltage DTC P2151 Cylinder 2 Injector High Control Circuit High Voltage DTC P2153 Cylinder 3 Injector High Control Circuit Low Voltage DTC P2154 Cylinder 3 Injector High Control Circuit High Voltage DTC P2156 Cylinder 4 Injector High Control Circuit Low Voltage DTC P2157 Cylinder 4 Injector High Control Circuit High Voltage DTC P216B Cylinder 5 Injector High Control Circuit Low Voltage DTC P216C Cylinder 5 Injector High Control Circuit High Voltage DTC P216E Cylinder 6 Injector High Control Circuit Low Voltage DTC P216F Cylinder 6 Injector High Control Circuit High Voltage
<u>DTC P2199 (LFX)</u>	DTC P2199 Intake Air Temperature (IAT) Sensors 1-2 Not Plausible
<u>DTC P2199 (LF3)</u>	DTC P2199 Intake Air Temperature (IAT) Sensors 1-2 Not Plausible
<u>DTC P219A or P219B</u>	DTC P219A Fuel Trim Cylinder Balance Bank 1 DTC P219B Fuel Trim Cylinder Balance Bank 2
<u>DTC P2227-P2230 (LFX)</u>	DTC P2227 Barometric Pressure (BARO) Sensor Performance DTC P2228 Barometric Pressure (BARO) Sensor Circuit Low Voltage DTC P2229 Barometric Pressure (BARO) Sensor Circuit High Voltage DTC P2230 Barometric Pressure (BARO) Sensor Circuit Erratic
<u>DTC P2227-P2230 (LF3)</u>	DTC P2227 Barometric Pressure (BARO) Sensor Performance Bank 1 DTC P2228 Barometric Pressure (BARO) Sensor Circuit Low Voltage Bank 1 DTC P2229 Barometric Pressure (BARO) Sensor Circuit High Voltage Bank 1 DTC P2230 Barometric Pressure (BARO) Sensor Circuit Erratic Bank 1
<u>DTC P222B-P222E</u>	DTC P222B Barometric Pressure (BARO) Sensor Performance Bank 2 DTC P222C Barometric Pressure (BARO) Sensor Circuit Low Voltage Bank 2 DTC P222D Barometric Pressure (BARO) Sensor Circuit High Voltage Bank 2 DTC P222E Barometric Pressure (BARO) Sensor Circuit Erratic Bank 2
<u>DTC P2430, P2431, P2435, or P2436</u>	DTC P2430 Secondary Air Injection System Pressure Sensor Circuit Bank 1 DTC P2431 Secondary Air Injection System Pressure Sensor Performance Bank 1 DTC P2435 Secondary Air Injection System Pressure Sensor Circuit Bank 2 DTC P2436 Secondary Air Injection System Pressure Sensor Performance Bank 2

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<u>DTC P2432, P2433, P2437, or P2438</u>	DTC P2432 Secondary Air Injection System Pressure Sensor Circuit Low Voltage Bank 1 DTC P2433 Secondary Air Injection System Pressure Sensor Circuit High Voltage Bank 1 DTC P2437 Secondary Air Injection System Pressure Sensor Circuit Low Voltage Bank 2 DTC P2438 Secondary Air Injection System Pressure Sensor Circuit High Voltage Bank 2
<u>DTC P2440</u>	DTC P2440 Secondary Air Injection System Cut-Off Valve Stuck Open
<u>DTC P2444</u>	DTC P2444 Secondary Air Injection System Pump Stuck On
<u>DTC P2534 or P2535 (Chassis Control Module)</u>	DTC P2534 Ignition On/Start Switch Circuit Low Voltage DTC P2535 Ignition On/Start Switch Circuit High Voltage
<u>DTC P2544</u>	DTC P2544 Transmission Torque Request Signal Message Counter Incorrect
<u>DTC P2615 or P2616</u>	DTC P2615 Camshaft Position Signal Output Circuit Low Voltage DTC P2616 Camshaft Position Signal Output Circuit High Voltage
<u>DTC P2618 or P2619</u>	DTC P2618 Crankshaft Position Signal Output Circuit Low Voltage DTC P2619 Crankshaft Position Signal Output Circuit High Voltage
<u>DTC P2635 (LF3)</u>	DTC P2635 Fuel Pump Flow Performance
<u>DTC P2635 (Chassis Control Module)</u>	DTC P2635 Fuel Pump Flow Performance

ENGINE COOLING SYSTEM - DIAGNOSTIC TROUBLE CODES

ENGINE COOLING SYSTEM - DIAGNOSTIC TROUBLE CODES

DTC	Description
<u>DTC P0480, P0691, or P0692</u>	Cooling Fan Speed Output Circuit
<u>DTC P0480, P0691, or P0692 (LF3, LTG w/V03 or Manual Transmission)</u>	Cooling Fan Speed Output Circuit
<u>DTC P1258</u>	Engine Coolant Overtemperature - Protection Mode Active

ENGINE MECHANICAL - 2.0L (LTG) - DIAGNOSTIC TROUBLE CODES - SEDAN

ENGINE MECHANICAL - 2.0L (LTG) - DIAGNOSTIC TROUBLE CODES

DTC	Description
<u>DTC P06DA-P06DC</u>	DTC P06DA Engine Oil Pressure Control Solenoid Valve Control Circuit DTC P06DB Engine Oil Pressure Control Solenoid Valve Control Circuit Low Voltage DTC P06DC Engine Oil Pressure Control Solenoid Valve Control Circuit High Voltage
<u>DTC P06DD or P06DE</u>	DTC P06DD Engine Oil Pressure Control Solenoid Valve Stuck Off

ENGINE MECHANICAL - 3.6L (LFX LF3) - DIAGNOSTIC TROUBLE CODES - SEDAN

ENGINE MECHANICAL - 3.6L (LFX LF3) - DIAGNOSTIC TROUBLE CODES

DTC	Description
<u>DTC C047B (LFX)</u>	Engine Mount Actuator Control Circuit 1
<u>DTC C047C (LF3)</u>	Engine Mount Actuator Control Circuit 2

FIXED AND MOVEABLE WINDOWS - DIAGNOSTIC TROUBLE CODES

FIXED AND MOVEABLE WINDOWS - DIAGNOSTIC TROUBLE CODES

DTC	Description
<u>DTC B0283</u>	Rear Defrost Circuit Short
<u>DTC B316B, B317A, B318A, or B319A</u>	Window Switch
<u>DTC B3205, B3210, B3215, or B3220</u>	Window Motor

HORN SYSTEM - DIAGNOSTIC TROUBLE CODES

HORN SYSTEM - DIAGNOSTIC TROUBLE CODES

DTC	Description
<u>DTC B2750</u>	Horn Relay Secondary Circuit

HVAC SYSTEM - AUTOMATIC - DIAGNOSTIC TROUBLE CODES

HVAC SYSTEM - AUTOMATIC - DIAGNOSTIC TROUBLE CODES

DTC	Description
<u>DTC B0163 (UE1)</u>	Passenger Compartment Temperature Sensor Circuit
<u>DTC B0163, B0183, or B1405 (Without UE1)</u>	Passenger Compartment Temperature Sensor/Solar Load Sensor/Control Module Voltage Reference Output
<u>DTC B0173, B0178, B0509, B0514, B0519, B3583, or B3933</u>	Duct Air Temperature Sensor/Evaporator Temperature Sensor
<u>DTC B018A, B048C, B048F, or B1395</u>	Windshield Temperature Sensor/Humidity Sensor/Control Module Voltage Reference
<u>DTC B0183 (UE1)</u>	Solar Load Sensor Circuit
<u>DTC B0193</u>	Front Blower Motor Speed Circuit
<u>DTC B0223, B0228, B0233, B0408, B0413, B0418, B0423, B1395, or B374A</u>	Recirculation Control/Air Flow Control/Control Module Voltage Reference
<u>DTC B3843</u>	Air Quality Sensor Circuit
<u>DTC B393B</u>	Air Conditioning Compressor Valve Control Circuit

<u>DTC P0532 or P0533</u>	Air Conditioning (A/C) Refrigerant Pressure Sensor
<u>DTC P0645, P0646, or P0647</u>	Air Conditioning (A/C) Compressor Clutch Relay

HYDRAULIC BRAKE SYSTEM - DIAGNOSTIC TROUBLE CODES

HYDRAULIC BRAKE SYSTEM - DIAGNOSTIC TROUBLE CODES

<u>DTC</u>	<u>Description</u>
<u>DTC C0267</u>	Low Brake Fluid Indicated
<u>DTC C027B</u>	Brake Booster Electric Vacuum Pump
<u>DTC C0299</u>	Brake Booster Large Vacuum Leak Detected
<u>DTC C1100</u>	Brake Pressure Sensor 2

IMMOBILIZER SYSTEM - DIAGNOSTIC TROUBLE CODES

IMMOBILIZER SYSTEM - DIAGNOSTIC TROUBLE CODES

<u>DTC</u>	<u>Description</u>
<u>DTC B2955</u>	Security Sensor Data Circuit
<u>DTC B302A</u>	Mobile Telephone Communications Interface Requested Immobilization
<u>DTC B3031</u>	Security Controller In Learn Mode Malfunction
<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 Malfunction
<u>DTC B389A</u>	Environment Identification
<u>DTC B3902</u>	Incorrect Immobilizer Identifier Received
<u>DTC B3924-B3928</u>	Environmental Identifier Received
<u>DTC B3935</u>	Transponder Authentication Error
<u>DTC B3976</u>	Unconfigured Transponder
<u>DTC B3978-B3982</u>	Incorrect Environmental Identifier Received
<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 Fuel Enable Signal Not Correct

INSTRUMENT PANEL AND CONSOLE TRIM - DIAGNOSTIC TROUBLE CODES

INSTRUMENT PANEL AND CONSOLE TRIM - DIAGNOSTIC TROUBLE CODES

DTC	Description
<u>DTC B324D</u>	Instrument Panel Compartment Door Latch Actuator Circuit

INSTRUMENT PANEL SYSTEM DISPLAYS AND GAUGES - DIAGNOSTIC TROUBLE CODES

INSTRUMENT PANEL SYSTEM DISPLAYS AND GAUGES - DIAGNOSTIC TROUBLE CODES

DTC	Description
<u>DTC B0158</u>	Ambient Air Temperature Sensor
<u>DTC B0550</u>	Odometer Circuit General Memory
<u>DTC B071F</u>	Transmission Range Indicator
<u>DTC B124F</u>	Universal Serial Bus (USB) Programming
<u>DTC B361A</u>	Head-Up Display Module
<u>DTC B361B</u>	Head-Up Display Switch
<u>DTC P0461-P0464, P2066, P2067, or P2068</u>	Fuel Level Sensor
<u>DTC P0521, P0522, or P0523</u>	Engine Oil Pressure Sensor

KEYLESS ENTRY SYSTEM AND REMOTE FUNCTIONS - DIAGNOSTIC TROUBLE CODES

KEYLESS ENTRY SYSTEM AND REMOTE FUNCTIONS - DIAGNOSTIC TROUBLE CODES

DTC	Description
<u>DTC B305D</u>	Challenge Active Circuit
<u>DTC B3101</u>	Keyless Entry Data Link Circuit
<u>DTC B3105</u>	Keyless Entry System Transmitters
<u>DTC B3106</u>	Keyless Entry Data Link
<u>DTC B3109-B3113</u>	Keyless Entry Transmitter 1-5 Battery
<u>DTC B310D-B310F</u>	Keyless Entry Transmitter 6-8 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
<u>DTC B3123</u>	Keyless Entry Antenna 5
<u>DTC B3124</u>	Keyless Entry Antenna 6

LIGHTING SYSTEM - DIAGNOSTIC TROUBLE CODES

LIGHTING SYSTEM - DIAGNOSTIC TROUBLE CODES

DTC	Description
<u>DTC B1395</u>	DTC B1395 03 Control Module Voltage Reference Output 1 Circuit Low

	DTC B1395 07 Control Module Voltage Reference Output 1 Circuit High Voltage
<u>DTC B1461 or B1462</u>	DTC B1461 00 Left Headlamp Horizontal Motor Circuit Malfunction DTC B1462 00 Right Headlamp Horizontal Motor Circuit Malfunction
<u>DTC B1480</u>	DTC B1480 02 Battery Rundown Protection Circuit Short to Ground
<u>DTC B2540</u>	DTC B2540 02 Rear Fog Lamps Control Circuit Short to Ground DTC B2540 04 Rear Fog Lamps Control Circuit Open
<u>DTC B2545</u>	DTC B2545 02 Backup Lamps Circuit Short to Ground DTC B2545 04 Backup Lamps Circuit Open
<u>DTC B255D</u>	DTC B255D 01 Passenger Compartment Lamp Control 2 Circuit Short to Battery DTC B255D 02 Passenger Compartment Lamp Control 2 Circuit Short to Ground DTC B255D 04 Passenger Compartment Lamp Control 2 Circuit Open
<u>DTC B255F</u>	DTC B255F 02 Interior Door Handle Backlight Circuit Short to Ground DTC B255F 04 Interior Door Handle Backlight Circuit Open
<u>DTC B2570</u>	DTC B2570 02 Trunk Lamp Control Circuit Short to Ground DTC B2570 04 Trunk Lamp Control Circuit Open
<u>DTC B2575 or B2699</u>	DTC B2575 01 Headlamps Control Circuit Short to Battery DTC B2575 02 Headlamps Control Circuit Short to Ground DTC B2575 04 Headlamps Control Circuit Open DTC B2699 01 Right Headlamp Control Circuit Short to Battery DTC B2699 02 Right Headlamp Control Circuit Short to Ground DTC B2699 04 Right Headlamp Control Circuit Open
<u>DTC B257A</u>	DTC B257A 00 Headlamp Switch Input Signals Correlation Malfunction
<u>DTC B257C or B257D</u>	DTC B257C 00 Left Headlamp Assembly Malfunction DTC B257D 00 Right Headlamp Assembly Malfunction
<u>DTC B2580</u>	DTC B2580 01 High Beam Control Circuit Short to Battery DTC B2580 02 High Beam Control Circuit Short to Ground DTC B2580 04 High Beam Control Circuit Open
<u>DTC B258A</u>	DTC B258A 01 Low Beam Control Circuit Short to Battery DTC B258A 02 Low Beam Control Circuit Short to Ground DTC B258A 04 Low Beam Control Circuit Open
<u>DTC B25F0 or B25F1</u>	DTC B25F0 02 Left Auxiliary Daytime Running Lamp Control Circuit Short to Ground DTC B25F1 02 Right Auxiliary Daytime Running Lamp Control Circuit Short to Ground
<u>DTC B260D or B260E</u>	DTC B260D 02 Left Daytime Running Lamp and Front Park Lamp Control Circuit Short to Ground DTC B260E 02 Right Daytime Running Lamp and Front Park Lamp Control Circuit Short to Ground
<u>DTC B2610</u>	DTC B2610 02 Passenger Compartment Dimming 1 Circuit Short to Ground DTC B2610 04 Passenger Compartment Dimming 1 Circuit Open
<u>DTC B2615</u>	DTC B2615 02 Passenger Compartment Dimming 2 Circuit Short to Ground

<u>DTC B2625</u>	DTC B2625 01 Display Dimming Pulse Width Modulation Output Circuit Short to Battery DTC B2625 02 Display Dimming Pulse Width Modulation Output Circuit Short to Ground DTC B2625 04 Display Dimming Pulse Width Modulation Output Circuit Open
<u>DTC B263A</u>	DTC B263A 02 Exterior Illumination Lamp Circuit Short to Ground DTC B263A 04 Exterior Illumination Lamp Circuit Open
<u>DTC B2645</u>	DTC B2645 03 Ambient Light Sensor Circuit Low Voltage DTC B2645 07 Ambient Light Sensor Circuit High Voltage
<u>DTC B3410 or B3420</u>	DTC B3410 01 Front Axle Sensor Signal Circuit Short to Battery DTC B3410 06 Front Axle Sensor Signal Circuit Low Voltage/Open DTC B3420 01 Rear Axle Sensor Signal Circuit Short to Battery DTC B3420 06 Rear Axle Sensor Signal Circuit Low Voltage/Open
<u>DTC B3415</u>	DTC B3415 01 Front Axle Sensor Supply Circuit Short to Battery DTC B3415 02 Front Axle Sensor Supply Circuit Short to Ground
<u>DTC B3435 or B3440</u>	DTC B3435 00 Left Servo Driver Circuit DTC B3435 03 Left Servo Driver Circuit Short to Ground DTC B3440 00 Right Servo Driver Circuit DTC B3440 03 Right Servo Driver Circuit Short to Ground
<u>DTC B3588</u>	DTC B3588 00 Rear Fog Lamp Switch Circuit Malfunction
<u>DTC B3596</u>	DTC B3596 00 Hazard Lamps Request Circuit Malfunction
<u>DTC B3600</u>	DTC B3600 03 Passenger Compartment Dimming Request Signal Circuit Low Voltage DTC B3600 07 Passenger Compartment Dimming Request Signal Circuit High Voltage
<u>DTC B3650</u>	DTC B3650 08 High Beam Request Signal Circuit Performance - Signal Invalid
<u>DTC B3806</u>	DTC B3806 00 High Beam and Headlamp Flash Select Circuit Malfunction
<u>DTC B3881 or B3882</u>	DTC B3881 02 Tail Lamp Circuit Short to Ground DTC B3882 02 Right Tail Lamp Circuit Short to Ground
<u>DTC B3883</u>	DTC B3883 01 License Plate Lamp Circuit Short to Battery DTC B3883 02 License Plate Lamp Circuit Short to Ground DTC B3883 04 License Plate Lamp Circuit Open
<u>DTC B3884</u>	DTC B3884 01 Center High Mounted Stop Lamp Circuit Short to Battery DTC B3884 02 Center High Mounted Stop Lamp Circuit Short to Ground DTC B3884 04 Center High Mounted Stop Lamp Circuit Open
<u>DTC B3948 or B3949</u>	DTC B3948 01 Left Front Turn Signal Circuit Short to Battery DTC B3948 02 Left Front Turn Signal Circuit Short to Ground DTC B3948 04 Left Front Turn Signal Circuit Open DTC B3949 01 Right Front Turn Signal Circuit Short to Battery DTC B3949 02 Right Front Turn Signal Circuit Short to Ground DTC B3949 04 Right Front Turn Signal Circuit Open
<u>DTC B3950 or B3951</u>	DTC B3950 01 Left Rear Turn Signal Circuit Short to Battery DTC B3950 02 Left Rear Turn Signal Circuit Short to Ground DTC B3950 04 Left Rear Turn Signal Circuit Open DTC B3951 01 Right Rear Turn Signal Circuit Short to Battery

	DTC B3951 02 Right Rear Turn Signal Circuit Short to Ground DTC B3951 04 Right Rear Turn Signal Circuit Open
<u>DTC C0277 or C0890</u>	DTC C0277 06 Brake Pedal Position Sensor Circuit Low Voltage/Open DTC C0277 07 Brake Pedal Position Sensor Circuit High Voltage DTC C0277 09 Brake Pedal Position Sensor Circuit Too Fast Transitions DTC C0277 4B Brake Pedal Position Sensor Circuit Calibration Not Learned DTC C0890 03 Control Module Voltage Reference Output 3 Circuit Low Voltage DTC C0890 07 Control Module Voltage Reference Output 3 Circuit High Voltage
<u>DTC C0297</u>	DTC C0297 01 Brake Applied Output Circuit Short to Battery DTC C0297 02 Brake Applied Output Circuit Short to Ground

MIRROR SYSTEM - DIAGNOSTIC TROUBLE CODES

MIRROR SYSTEM - DIAGNOSTIC TROUBLE CODES

DTC	Description
<u>DTC B154A or B154B</u>	Mirror Internal Malfunction

OBJECT DETECTION SYSTEM - PARK ASSIST SYSTEM - DIAGNOSTIC TROUBLE CODES

OBJECT DETECTION SYSTEM - PARK ASSIST SYSTEM - DIAGNOSTIC TROUBLE CODES

DTC	Description
<u>DTC B0099</u>	B0099 00 Deployment Commanded Circuit
<u>DTC B009A or B009B</u>	B009A 01 Left Hood Hinge Actuator Deployment Loop Short to Battery B009A 02 Left Hood Hinge Actuator Deployment Loop Short to Ground B009A 0D Left Hood Hinge Actuator Deployment Loop Resistance Above Threshold B009A 0E Left Hood Hinge Actuator Deployment Loop Resistance Below Threshold B009B 01 Right Hood Hinge Actuator Deployment Loop Short to Battery B009B 02 Right Hood Hinge Actuator Deployment Loop Short to Ground B009B 0D Right Hood Hinge Actuator Deployment Loop Resistance Above Threshold B009B 0E Right Hood Hinge Actuator Deployment Loop Resistance Below Threshold
<u>DTC B009C or B00A0</u>	B009C 01 Pedestrian Impact Detection Sensor - Upper Beam Front Left Short to Battery B009C 02 Pedestrian Impact Detection Sensor - Upper Beam Front Left Short to Ground B009C 08 Pedestrian Impact Detection Sensor - Upper Beam Front Left Signal Invalid B009C 39 Pedestrian Impact Detection Sensor - Upper Beam Front Left Internal Electronic Failure

	DTC B0968 0B Parking Assist On/Off Switch Indicator Circuit High Current
<u>DTC B096B</u>	DTC B096B 02 Parking Assist Switch Parallel Parking Circuit Short to Ground
<u>DTC B096C or B096D</u>	DTC B096C Parking Assist Side Sensor Left Front Circuit DTC B096D Parking Assist Side Sensor Right Front Circuit
<u>DTC B0987</u>	DTC B0987 01 Vehicle Direction Camera Indicator Circuit Short to Battery DTC B0987 06 Vehicle Direction Camera Indicator Circuit Low Voltage/Open DTC B0987 0B Vehicle Direction Camera Indicator Circuit High Current
<u>DTC B1011</u>	DTC B1011 00 System Disabled Information Stored
<u>DTC B1015</u>	DTC B1015 00 Vehicle Identification Number Information Malfunction
<u>DTC B101D (with Pedestrian Detection, B3T)</u>	DTC B101D Electronic Control Unit Hardware
<u>DTC B101D (with Side Object Detection, Except N America)</u>	DTC B101D Electronic Control Unit Hardware
<u>DTC B101E</u>	DTC B101E Electronic Control Unit Software
<u>DTC B127B</u>	B127B 2B Rearview Camera Input Signal Circuit Missing Reference
<u>DTC B1405</u>	DTC B1405 Control Module Voltage Reference Output 2 Circuit
<u>DTC B172E or B172F</u>	DTC B172E 01 Driver Seat Cushion Left Rear Haptic Alert Motor Control Circuit Short to Voltage DTC B172E 02 Driver Seat Cushion Left Rear Haptic Alert Motor Control Circuit Short to Ground DTC B172F 01 Driver Seat Cushion Right Rear Haptic Alert Motor Control Circuit Short to Voltage DTC B172F 02 Driver Seat Cushion Right Rear Haptic Alert Motor Control Circuit Short to Ground
<u>DTC B356A</u>	DTC B356A 02 Vehicle Direction Warning Switch Circuit Short to Ground DTC B356A 05 Vehicle Direction Warning Switch Circuit Short to Voltage
<u>DTC B390A</u>	DTC B390A 08 Short Range Object Sensor Performance - Signal Invalid DTC B390A 45 Short Range Object Sensor Variant Not Programmed DTC B390A 54 Short Range Object Sensor High Temperature DTC B390A 58 Short Range Object Sensor Performance DTC B390A 67 Short Range Object Sensor Incorrect Assembly
<u>DTC B390C</u>	DTC B390C 66 Long Range Radar Sensor Module Incorrect Mounting
<u>DTC B390D</u>	DTC B390D 66 Frontview Camera Module Incorrect Mounting
<u>DTC P15F6</u>	DTC P15F6 Front Object Detection Control Module Torque Request Signal Message Counter Incorrect

PARKING BRAKE SYSTEM - DIAGNOSTIC TROUBLE CODES

PARKING BRAKE SYSTEM - DIAGNOSTIC TROUBLE CODES

DTC	Description

<u>DTC C028A, C028B, or C028F</u>	Parking Brake Motor/Parking Brake Solenoid
<u>DTC C027D or C028D</u>	Park Brake Slip/Replace Parking Brake Pad
<u>DTC C028E</u>	Park Brake Solenoid Actuator
<u>DTC C0293</u>	Park Brake Switch
<u>DTC C0298</u>	Park Brake Unlatch Switch
<u>DTC C0558</u>	Parking Brake Calibration Data
<u>DTC C0561</u>	Parking Brake System Disabled Information
<u>DTC C056D</u>	Electronic Control Unit
<u>DTC C056E</u>	Electronic Control Unit Software
<u>DTC C0574</u>	Printed Circuit Board Temperature Sensor

POWER DOOR LOCK SYSTEM AND RELEASE SYSTEMS - DIAGNOSTIC TROUBLE CODES

POWER DOOR LOCK SYSTEM AND RELEASE SYSTEMS - DIAGNOSTIC TROUBLE CODES

DTC	Description
<u>DTC B1474 or B3849</u>	Front Door Handle Switch
<u>DTC B1534 or B1535</u>	Rear Door Handle Switch
<u>DTC B2494</u>	Liftgate Handle Switch
<u>DTC B2730</u>	Interior Trunk Lid Unlatch Switch Circuit Malfunction
<u>DTC B297B or B297C</u>	Door Open Switch
<u>DTC B3125, B3130, or B3135 (With UTT)</u>	Driver Door Only Unlock/All Doors Unlock-Lock
<u>DTC B3125, B3130, or B3135 (Without UTT)</u>	Driver Door Only Unlock/All Doors Unlock-Lock
<u>DTC B3140, B3145, B3150, or B3155</u>	Door Unlock Switch
<u>DTC B3265</u>	Trunk Lid Unlatch Output Circuit
<u>DTC B3618</u>	Exterior Liftgate Unlatch Switch Circuit Malfunction
<u>DTC B3797</u>	All Door Dead Lock Circuit Short to Ground
<u>DTC B3930</u>	Child Security Lock Motors Circuit
<u>DTC B3938</u>	Fuel Door Actuator Lock Circuit

POWER SEAT SYSTEM - DIAGNOSTIC TROUBLE CODES

POWER SEAT SYSTEM - DIAGNOSTIC TROUBLE CODES

DTC	Description
<u>DTC B1405, B1825, B2355, B2365, or B2375</u>	Seat Control Module Voltage Reference/Seat Position Sensor
<u>DTC B1735, B1740, B1745, B1750, B1755, B1760, B1815, B1820, B1830, B1835, B1840, or B1845</u>	Driver Seat Switch
<u>DTC B180A or B180B</u>	Driver Seat Back Bolster

<u>DTC B2755 or B2765</u>	Driver Memory Select Switch
<u>DTC B3920 (4-Way Lumbar with AQJ)</u>	Driver Seat Motors Group
<u>DTC B3920 (2-Way Lumbar H2C)</u>	Driver Seat Motors Group
<u>DTC B3920 (4-Way Lumbar without AQJ)</u>	Driver Seat Motors Group

POWER STEERING SYSTEM - DIAGNOSTIC TROUBLE CODES

POWER STEERING SYSTEM - DIAGNOSTIC TROUBLE CODES

<u>DTC</u>	<u>Description</u>
<u>DTC C0176</u>	Control Module Temperature Sensor
<u>DTC C0475</u>	Electric Steering Motor Circuit Malfunction
<u>DTC C047A</u>	Electric Steering Motor Position Sensor
<u>DTC C0544</u>	Steering Wheel Angle Sensor Signal Not Plausible
<u>DTC C0545</u>	Steering Wheel Torque Sensor
<u>DTC C0546</u>	Steering System Temperature Sensor Circuit Internal Malfunction
<u>DTC C055C</u>	Steering Gear Performance Malfunction
<u>DTC C0565</u>	Vehicle Identification Number Not Plausible
<u>DTC C056D</u>	Electronic Control Unit Hardware/Software
<u>DTC C056E</u>	Electronic Control Unit Software

REAR DRIVE AXLE - DIAGNOSTIC TROUBLE CODES

REAR DRIVE AXLE - DIAGNOSTIC TROUBLE CODES

<u>DTC</u>	<u>Description</u>
<u>DTC C0393</u>	Rear Differential Clutch Solenoid Valve Control Circuit
<u>DTC C0394</u>	Rear Differential Clutch Solenoid Valve Control Circuit
<u>DTC C0407</u>	Differential Oil Pump Motor
<u>DTC C0411</u>	Rear Differential Clutch Solenoid Valve Control Circuit
<u>DTC C0412</u>	Rear Differential Sump Temperature Sensor Circuit
<u>DTC C0413</u>	Rear Differential Hydraulic System Bleed Not Performed
<u>DTC C0414</u>	Rear Differential Hydraulic System
<u>DTC C0418</u>	Rear Drive Clutch Classification Not Programmed
<u>DTC C0870</u>	Control Module Voltage Reference Output Circuit

SEAT BELT SYSTEM - DIAGNOSTIC TROUBLE CODES

SEAT BELT SYSTEM - DIAGNOSTIC TROUBLE CODES

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

SEAT HEATING SYSTEM AND SEAT COOLING SYSTEM - DIAGNOSTIC TROUBLE CODES

SEAT HEATING SYSTEM AND SEAT COOLING SYSTEM - DIAGNOSTIC TROUBLE CODES

DTC	Description
<u>DTC B191A or B191B</u>	Heated Seat Module

SECONDARY AND CONFIGURABLE CUSTOMER CONTROL SYSTEM - DIAGNOSTIC TROUBLE CODES

SECONDARY AND CONFIGURABLE CUSTOMER CONTROL SYSTEM - DIAGNOSTIC TROUBLE CODES

DTC	Description
<u>DTC B3622</u>	Heated Seat Module/Signal Circuit Protection Time-Out

SHIFT LOCK CONTROL SYSTEM - DIAGNOSTIC TROUBLE CODES

SHIFT LOCK CONTROL SYSTEM - DIAGNOSTIC TROUBLE CODES

DTC	Description
<u>DTC B270A</u>	Park Lock Solenoid Control Circuit

STEERING WHEEL AND STEERING COLUMN - DIAGNOSTIC TROUBLE CODES

STEERING WHEEL AND STEERING COLUMN - DIAGNOSTIC TROUBLE CODES

DTC	Description
<u>DTC B1023</u>	Integral Switch Malfunction
<u>DTC B144C</u>	Inverted Run/Start Power Relay Circuit
<u>DTC B2515</u>	Steering Column Lock Motor Feedback Circuit Not Plausible
<u>DTC B285A (N38)</u>	Steering Column Position Module
<u>DTC B2897</u>	Steering Column Lock Motor Lock Circuit
<u>DTC B2910</u>	Steering Column Lock Password Incorrect
<u>DTC B305A</u>	No Response From Steering Column Lock Received

SUPPLEMENTAL INFLATABLE RESTRAINT SYSTEM - DIAGNOSTIC TROUBLE CODES

SUPPLEMENTAL INFLATABLE RESTRAINT SYSTEM - DIAGNOSTIC TROUBLE CODES

DTC	Description
<u>DTC B0012 or B0013</u>	Driver Steering Wheel Air Bag Deployment Loop
<u>DTC B0014, B0021, B0031, or B0038</u>	Seat Side Air Bag Deployment Loop
<u>DTC B0015, B001A, B001B, or B0022</u>	Seat Belt Retractor Pretensioner Deployment Loop
<u>DTC B0016, B0018, B0023, or B0025</u>	Roof Rail Air Bag Deployment Loop
<u>DTC B0017 or B0024</u>	Knee Air Bag Deployment Loop
<u>DTC B0019 or B0020</u>	Passenger Instrument Panel Air Bag Deployment Loop
<u>DTC B0052</u>	Deployment Commanded
<u>DTC B0074</u>	Passenger Presence Sensor
<u>DTC B0080</u>	Passenger Seat Position Sensor
<u>DTC B0081 (Inflatable Restraint Sensing and Diagnostic Module)</u>	Passenger Presence Module
<u>DTC B0081 (Passenger Presence System)</u>	Passenger Presence Module
<u>DTC B0083 or B0084</u>	Front Impact Sensor
<u>DTC B0085 or B0088</u>	Front Side Impact Sensor
<u>DTC B0086 or B0087</u>	Front Side Impact Sensor
<u>DTC B067F or B0680</u>	Passenger Air Bag On Indicator
<u>DTC B1001</u>	Option Configuration
<u>DTC B1019</u>	System Configuration Error

SUSPENSION CONTROL SYSTEM - SUSPENSION DAMPING - DIAGNOSTIC TROUBLE CODES**SUSPENSION CONTROL SYSTEM - SUSPENSION DAMPING - DIAGNOSTIC TROUBLE CODES**

DTC	Description
<u>DTC C056D</u>	Electronic Control Unit Hardware
<u>DTC C0574</u>	Electronic Control Unit Hardware
<u>DTC C0575, C0580, C0585, or C0590</u>	Shock Absorber Actuator Circuit
<u>DTC C0615, C0620, C0625, or C0630</u>	Suspension Position Sensor Circuit
<u>DTC C0696</u>	Position Sensor 5V Supply
<u>DTC C0800</u>	Control Module Power Circuit

THEFT DETERRENT SYSTEM - DIAGNOSTIC TROUBLE CODES**THEFT DETERRENT SYSTEM - DIAGNOSTIC TROUBLE CODES**

DTC	Description
<u>DTC B291A</u>	Content Theft Deterrent Assembly
<u>DTC B291B</u>	Content Theft Deterrent Sensor

TIRE PRESSURE MONITORING SYSTEM - DIAGNOSTIC TROUBLE CODES

TIRE PRESSURE MONITORING SYSTEM - DIAGNOSTIC TROUBLE CODES

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

TRANSFER CASE - BW 4474 - DIAGNOSTIC TROUBLE CODES

TRANSFER CASE - BW 4474 - DIAGNOSTIC TROUBLE CODES

DTC	Description
<u>DTC C038C</u>	Transfer Case Clutch Identifier Not Programmed
<u>DTC C0399</u>	Transfer Case Clutch Control Circuit
<u>DTC C0401</u>	Transfer Case Fluid Temperature Sensor
<u>DTC P0562 or P0563</u>	System Voltage
<u>DTC P0601, P0602, P0603, P0604 or P062F</u>	Control Module Memory
<u>DTC P0641</u>	5 V Reference 1 Circuit

WIPER SYSTEM AND WASHER SYSTEM - DIAGNOSTIC TROUBLE CODES

WIPER SYSTEM AND WASHER SYSTEM - DIAGNOSTIC TROUBLE CODES

DTC	Description
<u>DTC B370A</u>	Rain Sensor Internal Malfunction
<u>DTC B3715</u>	Windshield Wiper Relay Circuit
<u>DTC B371A</u>	Windshield Wiper Motor Internal Malfunction
<u>DTC B3810P</u>	Headlamp Washer Relay Circuit Short to Ground
<u>DTC B3873</u>	Front Washer Relay Circuit

WIRING SYSTEMS AND POWER MANAGEMENT - DIAGNOSTIC TROUBLE CODES

WIRING SYSTEMS AND POWER MANAGEMENT - DIAGNOSTIC TROUBLE CODES

DTC	Description
<u>DTC B097B</u>	DTC B097B Power Mode Start Switch Circuit
<u>DTC B097C</u>	DTC B097C Power Mode Run/Start Indicator Circuit
<u>DTC B1370 (Instrument Cluster)</u>	DTC B1370 Control Module Ignition On and Start Circuit
<u>DTC B1445</u>	DTC B1445 Control Module Voltage Output Circuit
<u>DTC B144A</u>	DTC B144A RUN Power Relay Circuit
<u>DTC B144B</u>	DTC B144B Run/Crank Power Relay Circuit
<u>DTC B144C (Export Only)</u>	DTC B144C 01 Inverted Run/Start Power Relay Circuit Short to Battery DTC B144C 06 Inverted Run/Start Power Relay Circuit Low

	Voltage/Open
<u>DTC B1451</u>	DTC B1451 Accessory Power Circuit
<u>DTC B147E or B147F</u>	DTC B147E Battery Saver Relay Set Secondary Circuit DTC B147F Battery Saver Relay Reset Secondary Circuit
<u>DTC B305E</u>	DTC B305E Interruptible RAP Relay Circuit
<u>DTC P2534 or P2535</u>	DTC P2534 Ignition On/Start Switch Circuit Low Voltage DTC P2535 Ignition On/Start Switch Circuit High Voltage
<u>DTC P2537</u>	DTC P2537 Ignition Accessory Switch Circuit Low Voltage

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