

OBD-II Diagnostic Trouble Codes (DTC's)

For OBD-II (OBD2) equipped General Motors (GMC, Chevrolet, Buick, Oldsmobile, Cadillac, Pontiac, Saturn) vehicles.

Identifying OBD II Equipped cars

All cars and light trucks built and sold in the United States after January 1, 1996 were required to be OBD-II equipped. In general, this means all 1996 model year cars and light trucks are compliant, even if built in late 1995. Some 1995 model year vehicles are also equipped with OBDII - although some pre-1996 OBD-II cars are not 100% compliant. Pre-OBD-II cars had connectors in various positions under the dashboard and under the hood. All OBD-II cars have a connector located in the passenger compartment easily accessible from the driver's seat.

Communications Protocols

GM cars and light trucks use SAE J1850 VPW (Variable Pulse Width Modulation). There are some variations among imports such as the Cadillac Catera, which is a German Opel derivative, the Catera uses the European ISO 9141 protocol.

Reading OBD II codes

A cable is plugged into the OBD-II J1962 connector and the other end is connected to a scan tool. A hand-held scan tool is usually limited to one OBD-II system type - there are three basic OBD-II protocols in use, each with minor variations on the communication pattern between the on-board diagnostic computer and the scan tool. In general, Chrysler products and all European and most Asian imports use ISO 9141 circuitry. GM cars and light trucks use SAE J1850 VPW (Variable Pulse Width Modulation), and Fords use SAE J1850 PWM (Pulse Width Modulation) for communication.

General Motors Driving Cycle

A complete driving cycle will perform diagnostics on all monitored systems and can usually be completed in less than fifteen minutes.

Performing a GM OBD-II Driving cycle:

Cold Start. In order to be classified as a cold start the engine coolant temperature must be below 122°F (50°C) and within 11°F (6°C) of the ambient air temperature at startup. Do not leave the key on prior to the cold start or the heated oxygen sensor diagnostic may not run.

Idle. The engine must be run for two and a half minutes with the air conditioner on and rear defroster on. The more electrical load you can apply the better. This will test the O2 heater, Passive Air, Purge "No Flow", Misfire and if closed loop is achieved, Fuel Trim.

Accelerate. Turn off the air conditioner and all the other loads and apply half throttle until 55mph (88km/hr) is reached. During this time the Misfire, Fuel Trim, and Purge Flow diagnostics will be performed.

Hold Steady Speed. Hold a steady speed of 55mph (88km/hr) for 3 minutes. During this time the O2 response, air Intrusive, EGR, Purge, Misfire, and Fuel Trim diagnostics will be performed.

Decelerate. Let off the accelerator pedal. Do not shift, touch the brake or clutch. It is important to let the vehicle coast along gradually slowing down to 20 mph (32km/hr). During this time the EGR, Purge and Fuel Trim diagnostics will be performed.

Accelerate. Accelerate at 3/4 throttle until 55-60mph (88-96 km/hr). This will perform the same diagnostics as in step 3.

Hold Steady Speed. Hold a steady speed of 55mph (88km/hr) for five minutes. During this time, in addition to the diagnostics performed in step 4, the catalyst monitor diagnostics will be performed. If the catalyst is marginal or the battery has been disconnected, it may take 5 complete driving cycles to determine the state of the catalyst.

Decelerate. This will perform the same diagnostics as in step 5. Again, don't press the clutch or brakes or shift gears.

Dissecting a DTC

How the Diagnostic Trouble Code is created: A DTC is made up of 5 digits. The chart below shows the composition of a DTC. With this information you can easily determine what system to trouble shoot without knowing the exact description of the code.

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X X X X X
| | | |
| | | |
B Body -----+ | | +-- Fault (00 to 99)
C Chassis -----+ | |
P Powertrain ----+ | |
U Network -----+ | +----- 1 Fuel & Air Metering
| +----- 2 Fuel & Air Metering (Injector)
| +----- 3 Ignition System or Misfire
0 SAE -----+ +----- 4 Auxiliary Emission Controls
1 MFG -----+ +----- 5 Vehicle Speed & Idle Control System
+----- 6 Computer Output Circuit
+----- 7 Transmission
+----- 8 Transmission
+----- 9 Reserved
+----- 0 Reserved

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Types of DTC's

There are two categories of DTC's that apply to OBD-II.

Type A

Emissions related.

Requests illumination of the MIL after one failed driving cycle.
Stores a freeze frame DTC after one failed driving cycle.

Type B

Emissions related.

Sets a Pending Trouble Code after one failed driving cycle.
Clears a Pending Trouble Code after one successful driving cycle.
Turns on the MIL after two consecutive failed driving cycles.
Stores a freeze frame after two consecutive failed driving cycles.

GM Diagnostic Trouble Code List

Manufacturer Codes:

- DTC 01 General Sensor Fault
- DTC 02 Instantaneous Battery Voltage Out of Range
- DTC 03 Filtered Battery Voltage Out of Range
- DTC 04 Compressor Relay Short to Ground/Open
- DTC 05 Compressor Relay Short to Battery
- DTC 06 Exhaust Valve Short to Ground/Open Circuit
- DTC 07 Exhaust Valve Short to Battery
- DTC 08 Warning Lamp Short to Ground/Open Circuit
- DTC 09 Warning Lamp Short to Battery
- DTC 10 Inside Air Temperature Sensor Voltage Low
- DTC 10 Intake Accumulator Fault
- DTC 11 Driver Seat Forward/Backward Motor Inop
- DTC 11 Exhaust Accumulator Fault
- DTC 11 Inside Air Temperature Sensor Open Circuit
- DTC 11 Transponder Key Problem
- DTC 12 Consecutive Intake Malfunction
- DTC 12 Driver Seat Recliner Motor Inoperative
- DTC 12 LH Air Outlet Sensor Voltage Low
- DTC 12 Wrong Transponder Key
- DTC 12 Diagnostic System Check (Escalade)
- DTC 13 Driver Air Bag Deployment Loop Short to GND

DTC 13 Immobilizer Not Programmed
DTC 13 LH Air Outlet Sensor Open Circuit
DTC 14 Coolant Temp Voltage Low
DTC 14 Driver Pretens Deployment Loop Short to GND
DTC 14 No Transponder Key Programmed
DTC 14 RH Air Outlet Sensor Voltage Low
DTC 15 Driver Air Bag Deploy. Loop Short to V
DTC 15 RH Air Outlet Sensor Open Circuit
DTC 15 Vehicle Speed Signal Voltage Low
DTC 16 Driver Pretens Deploy Loop Short to Voltage
DTC 16 Driver Seat Front Height Motor Inoperative
DTC 16 Int Air Mix Door Mtr Volts Low/Open Circuit
DTC 16 Vehicle Speed Signal Voltage High
DTC 17 Driver Seat Rear Height Motor Inoperative
DTC 17 Interior Air Mix Door Motor Voltage High
DTC 17 No Engine Request Received
DTC 18 Driver Side Mirror Circuit
DTC 18 LH Air Mix Door Mtr Volts Low/Open Circuit
DTC 18 MIL Circuit
DTC 19 Inside Mirror Circuit
DTC 19 LH Air Mix Door Motor Voltage High
DTC 20 Passenger Side Mirror Circuit
DTC 20 RH Air Mix Door Mtr Volts Low/Open Circuit
DTC 21 Driver Seat Adjuster Switch Inoperative
DTC 21 No Speed Signal
DTC 21 RH Air Mix Door Motor Voltage High
DTC 21/31 Courtesy Lamps Feed Shorted to Ground (Escalade)
DTC 22 Floor Air Mix Dr Mtr Voltage Low/Open CKT
DTC 22 Solenoid Circuit Short to Ground/Open
DTC 22/32 Courtesy Lamps Return Shorted to Battery (Escalade)
DTC 23 Floor Air Mix Door Motor Voltage High
DTC 23 Pass. Air Bag Deployment Loop Short to GND
DTC 23 Power Steering Control Module Malfunction
DTC 23/33 RAP Feed Shorted to Ground or Battery (Escalade)
DTC 24 Def Air Mix Door Mtr Volts Low/Open Circuit
DTC 24 Pass. Pretens Deployment Loop Short to GND
DTC 24/34 Seatbelt Indicator Shorted to Ground or Battery (Escalade)
DTC 25 Defrost Air Mix Door Motor Voltage High
DTC 25 Pass. Air Bag Deploy. Loop Short to Voltage
DTC 25/35 Security Indicator Status (Escalade)
DTC 26 Pass. Pretens Deploy. Loop Short to Voltage
DTC 27 Blower Motor Voltage Low or Open Circuit
DTC 28 Air Circ. Valve Voltage Low or Open CKT
DTC 29 Air Circulation Valve Voltage High
DTC 30 Heating Cut-Off Valve Volts Low or Open CKT
DTC 31 Driver Air Bag Deploy. Loop Resistance High
DTC 31 Heating Cut-Off Valve Voltage High
DTC 32 Driver Air Bag Deploy. Loop Resistance Low
DTC 32 Rear Window Defog Signal Voltage Low
DTC 33 Pass. Air Bag Deploy. Loop Resistance High
DTC 33 Rear Window Defog Signal Voltage Open CKT
DTC 34 Pass. Air Bag Deploy. Loop Resistance Low
DTC 34 Rear Window Defogger Open Circuit
DTC 35 A/C Request Signal Voltage High
DTC 35 Driver Pretens Deploy. Loop Resistance High
DTC 36 A/C Request Signal Voltage Low
DTC 36 Driver Pretens Deploy. Loop Resistance Low
DTC 37 Heater and A/C Control Switch Stuck
DTC 37 Pass. Pretens Deploy. Loop Resistance High
DTC 38 Pass. Pretens Deploy. Loop Resistance Low
DTC 38 Solar/Twilight Sensor Supply Voltage Low
DTC 39 Solar/Twilight Sensor Supply Voltage High

DTC 40 Solar/Twilight Sensor GND Short to Voltage
DTC 41 Last Message Received Valid (Escalade)
DTC 42 Last Message Received Invalid (Escalade)
DTC 43 Last Message Received with Sumcheck Error (Escalade)
DTC 43 Warning Lamp Circuit Short to Voltage
DTC 44 Warning Lamp Circuit Open or Short to GND
DTC 44 Last Message Received with Encryption Error (Escalade)
DTC 45 Receiver Processing in 20 Second Lockout (Escalade)
DTC 50 Seat Adjuster Memory Module Malfunction
DTC 50, 51, or 55 Sunroof Actuator Malfunction
DTC 51 Replace Heater and A/C Control
DTC 51 Reprogram Cluster or Cluster Malfunction
DTC 52 Heater and A/C Control Not Programmed
DTC 52 Reprogram Cluster
DTC 52 SDM Not Configured
DTC 53 Configuration Mismatch
DTC 55 Internal SDM Failure
DTC 55 Replace Heater and A/C Control
DTC 55 Seat Adjuster Memory Module Malfunction
DTC 55 Theft Deterrent Module Malfunction
DTC 55 Begin Configuration Display (Escalade)
DTC 56 SDM Not Reusable
DTC 65 Passenger Air Bag Deployment Commanded
DTC 66 Driver Air Bag Deployment Commanded
DTC 67 Pretensioner Only Deployment Commanded
DTC 68 Driver Side Air Bag Deployment Commanded
DTC 69 Pass. Side Air Bag Deployment Commanded
DTC 71 Driver Side Impact Sensor Comms Invalid
DTC 73 Driver Side Impact Sensor Short to Voltage
DTC 74 Driver Side Impact Sensor Short to Ground
DTC 75 Driver Side Air Bag Short to Ground
DTC 76 Driver Side Air Bag Short to Voltage
DTC 77 Driver Side Air Bag Deploy Loop Resist High
DTC 78 Driver Side Air Bag Deploy Loop Resist. Low
DTC 81 Pass. Side Impact Sensor Comms Invalid
DTC 83 Pass. Side Impact Sensor Short to Voltage
DTC 84 Pass. Side Impact Sensor Short to Ground
DTC 85 Pass. Side Air Bag Short to Ground
DTC 86 Pass. Side Air Bag Short to Voltage
DTC 87 Pass. Side Air Bag Deploy. Loop Resist High
DTC 88 Pass. Side Air Bag Deploy. Loop Resist. Low
DTC 97 ONSTAR DCO Link Open or Short to Voltage
DTC 98 ONSTAR DCO Link Short to Ground
DTC 167 Fuel Gauge Voltage Low
DTC 168 Fuel Gauge Voltage High
DTC 169 Outside Temperature Sensor Voltage Low
DTC 171 Outside Temperature Sensor Open Circuit

Body Codes:

DTC B0001 PCM Discrete Input Speed Signal Error
DTC B0004 PCM Discrete Input Speed Signal Not Present
DTC B0005 In Park Switch Circuit Malfunction
DTC B0016 RF/Passenger Frontal Deployment Loop (Single Stage or Stage 1) Resistance Low
DTC B0017 RF/Passenger Frontal Deployment Loop (Single Stage or Stage 1) Open
DTC B0018 RF/Passenger Frontal Deployment Loop (Single Stage or Stage 1) Short to Ground/Voltage Out of Range
DTC B0022 LF/Driver Frontal Deployment Loop (Single Stage or Stage 1) Resistance Low
DTC B0024 LF/Driver Frontal Deployment Loop (Single Stage or Stage 1) Short to Ground/Voltage Out of Range
DTC B0026 LF/Driver Frontal Deployment Loop (Single Stage or Stage 1) Open
DTC B0028 RF/Passenger Side Deployment Loop Resistance Low
DTC B0029 RF/Passenger Side Deployment Loop Open
DTC B0030 RF/Passenger Side Deployment Loop Short to Ground/Voltage Out of Range

DTC B0035 ADS Closed/Shorted to Ground
DTC B0036 ADS Open/Missing/Shorted to Battery
DTC B0037 AUX switch closed/shorted to ground
DTC B0038 AUX switch open/shorted to battery
DTC B0040 LF/Driver Side Deployment Loop Resistance Low
DTC B0041 LF/Driver Side Deployment Loop Open
DTC B0045 LF Side Deploy Loop Short to Ground/Voltage Out of Range
DTC B0051 Deployment Commanded
DTC B0053 Deployment Commanded with Loop Malfunctions Present
DTC B0057 RF/Passenger Pretensioner Deployment Loop Resistance Low
DTC B0058 RF/Passenger Pretensioner Deployment Loop Open
DTC B0059 RF/Passenger Pretensioner Deployment Loop Short to Ground/Voltage Out of Range
DTC B0064 LF/Driver Pretensioner Deployment Loop Resistance Low
DTC B0065 LF/Driver Pretensioner Deployment Loop Open
DTC B0066 LF/Driver Pretensioner Deployment Loop Short to Ground/Voltage Out of Range
DTC B0073 Supplemental Deployment Loop #1 Resistance Low
DTC B0074 Supplemental Deployment Loop #1 Open
DTC B0075 Supplemental Deployment Loop #1 Short to Ground/Voltage Out of Range
DTC B0077 LF/Driver SIS Malfunction
DTC B0078 RF/Passenger SIS Malfunction
DTC B0079 Incorrect LF/Driver SIS Installed
DTC B0080 Discard LF/Driver SIS
DTC B0081 Incorrect RF/Passenger SIS Installed
DTC B0082 Discard RF/Passenger SIS
DTC B0086 Supplemental Deployment Loop #2 Resistance Low
DTC B0087 Supplemental Deployment Loop #2 Open
DTC B0088 Supplemental Deployment Loop #2 Short to Ground/Voltage Out of Range
DTC B0090 Active switch voltage out of range
DTC B0091 Active switch: wrong state
DTC B0092 PPS passenger detection error
DTC B0093 PPS/CPS self-test malfunction
DTC B0094 CPS childseat detection error
DTC B0095 SDM-PPS/CPS mismatch malfunction
DTC B0126 Right Panel Discharge Temperature Fault
DTC B0131 Right Heater Discharge Temperature Fault
DTC B0159 Outside Air Temperature Sensor Circuit Range/Performance
DTC B0164 Passenger Compartment Temperature Sensor #1 (Single Sensor or LH) Circuit Range/Performance
DTC B0169 In-car Temp Sensor Failure (passenger -not used)
DTC B0174 Output Air Temperature Sensor #1 (Upper; Single or LH) Circuit Range/Performance
DTC B0179 Output Air Temperature Sensor #2 (Lower; Single or LH) Circuit Range/Performance
DTC B0184 Solar Load Sensor #1 CKT Range
DTC B0189 Solar Load Sensor #2 CKT Range
DTC B0248 Mode Door Inoperative Error
DTC B0249 Heater/Defrost/AC Door Range Error
DTC B0268 A/I Door Inoperative Error
DTC B0269 Air Inlet Door Range Error
DTC B0408 Temperature Control #1 (Main/Front) Circuit Malfunction
DTC B0409 Air Mix Door #1 Range Error
DTC B0419 Air Mix Door #2 Range Error
DTC B0423 Air Mix Door #2 Inoperative Error
DTC B0428 Air Mix Door #3 Inoperative Error
DTC B0429 Temperature Control #3 Rear Circuit Range/Performance
DTC B0510 RH Panel Discharge Temp Sensor Failure
DTC B0515 RH Heater Discharge Temp Sensor Failure
DTC B0520 Rear Discharge Temp Sensor Failure
DTC B0530 Fuel Level Sensor Stuck
DTC B0532 Fuel Sensor Shorted To Ground
DTC B0533 Fuel Sensor Open/Shorted To B+
DTC B0688 Security System Indicator Circuit High
DTC B0768 Service Indicator Circuit High
DTC B0846 +5 Volt Reference Out of Range
DTC B0856 Battery 2 Out of Range

DTC B1000 ECU Malfunction
DTC B1001 Option Configuration Error
DTC B1004 Keep Alive Memory (KAM)
DTC B1007 EEPROM Write Error
DTC B1009 EEPROM Checksum Error
DTC B1013 ROM Checksum Error
DTC B1014 Program ROM Checksum Error
DTC B1015 Passenger Deploy. Loop Resistance High
DTC B1016 Passenger Deployment Loop Resistance Low
DTC B1017 Passenger Deployment Loop Open
DTC B1018 Passenger Deployment Loop Short to GND
DTC B1019 Passenger Deploy. Loop Short to Voltage
DTC B1021 Driver Deployment Loop Resistance High
DTC B1022 Driver Deployment Loop Resistance Low
DTC B1024 Driver Deployment Loop Short to Ground
DTC B1025 Driver Deployment Loop Short to Voltage
DTC B1026 Driver Deployment Loop Open
DTC B1035 Discr. Sensor Closed or Short to GND
DTC B1036 Discr. Sensor Open or Short to Voltage
DTC B1051 Frontal Air Bag and Preten Deployment
DTC B1053 Deployment Commanded w/Loop Malfunction
DTC B1054 Infl Rst IP Module Switch CKT Failure
DTC B1061 Lamp Circuit Failure
DTC B1071 Internal SDM Failure
DTC B1115 Passenger Deploy. Loop Resistance High
DTC B1116 Passenger Deploy. Loop Resistance Low
DTC B1117 Passenger Deployment Loop Open
DTC B1121 Driver Deployment Loop Resistance High
DTC B1122 Driver Deployment Loop Resistance Low
DTC B1124 Driver/Pass. Deploy. Loop Short to GND
DTC B1125 Driver/Pass Deploy Loop Short to Voltage
DTC B1126 Driver Deployment Loop Open
DTC B1131 Pass. Pretensioner Loop Resistance High
DTC B1132 Pass. Pretensioner Loop Resistance Low
DTC B1134 Passenger Pretensioner Loop Open
DTC B1135 Discr. Sensor Closed or Short to GND
DTC B1136 Discr. Sensor Open or Short to Voltage
DTC B1141 Driver Pretensioner Loop Resistance High
DTC B1142 Driver Pretens. Deploy. Loop Res. Low
DTC B1144 Driver/Pass Pretens. Loop Short to GND
DTC B1145 Driver/Pass Pretens. Loop Short to Volt
DTC B1146 Driver Pretensioner Loop Open
DTC B1147 Driver Side Air Bag System Malfunction
DTC B1148 Pass. Side Air Bag System Malfunction
DTC B1151 Deployment Commanded - Frontal
DTC B1152 Data Area Full
DTC B1153 Deployment Commanded w/Loop Malfunction
DTC B1155 SDM Calibration Mismatch
DTC B1159 Loss of Serial Data-Key Not Received
DTC B1160 Loss of Serial Data - VIN Not Received
DTC B1161 Lamp Circuit Failure
DTC B1163 Loss of Serial Data-No Lamp Response
DTC B1171 Internal SDM Failure
DTC B1245 CD Changer Not Responding
DTC B1271 Theft Lock Enabled
DTC B1310 Ambient Air Temperature Sensor Failure
DTC B1311 Outside Air Temp Sensor Short Circuit
DTC B1312 High Side Temp Sensor Open Circuit
DTC B1313 High Side Temp Sensor Short Circuit
DTC B1314 Evaporator Inlet Temp Sensor Open CKT
DTC B1315 Evaporator Inlet Temp Sensor Short CKT
DTC B1316 In Car Temperature Sensor Open Circuit

DTC B1317 In Car Air Temperature Sensor
DTC B1318 LH Sun Load Sensor Fault
DTC B1319 Sunload Sensor Short Circuit
DTC B1321 A/C Low Side Temperature Sensor Fault
DTC B1324 A/C Refrigerant Overpressure
DTC B1327 Device Power Circuit Low
DTC B1328 Device Power Circuit High
DTC B1328 RH Sun Load Sensor Fault
DTC B1330 Left A/C Discharge Sensor Fault
DTC B1331 Right A/C Discharge Sensor Fault
DTC B1332 Left Heater Discharge Sensor Fault
DTC B1333 Right Heater Discharge Sensor Fault
DTC B1340 Air Mix Door One Movement Fault
DTC B1341 Air Mix Door Two Movement Fault
DTC B1343 Air Inlet Door Movement Fault
DTC B1344 HTR/DEF/AC Door Movement Fault
DTC B1347 Very Low A/C Refrigerant Warning
DTC B1348 Very Low A/C Refrigerant Pressure
DTC B1350 Engine Coolant Over-Temperature
DTC B1390 Device Voltage Reference Input CKT Malf
DTC B1396 Device Voltage Reference Output 1 Circuit Range Performance
DTC B1399 Loss of KDD Communications
DTC B1422 Device Power Moding Malfunction
DTC B1438 IPC High Voltage Output Overcurrent to IPM
DTC B1513 Charging System Volts Low
DTC B1514 Charging System Volts High
DTC B1552 Keep Alive Memory (KAM) Error
DTC B1556 IPC EEPROM Odo/Configuration Error
DTC B1557 EEPROM Calibration Error
DTC B1558 BCM EPROM Checksum Error
DTC B1586 Mirror Horiz. Pos Sensor-Out of Range/Open
DTC B1591 Mirror Vert. Pos Sensor-Out of Range/Open
DTC B1652 Loss of Keep Alive Memory (KAM)
DTC B1656 EEPROM Write Error
DTC B1658 EEPROM Checksum Error
DTC B1697 Mirror Switch Input Shorted to Ground
DTC B1698 Mirror Switch L Up Input Stuck High
DTC B1702 Mirror Switch Input Shorted to Ground
DTC B1703 Mirror Switch L Down Input Stuck High
DTC B1707 Mirror Switch Input Shorted to Ground
DTC B1708 Mirror Switch R Up Input Stuck High
DTC B1712 Mirror Switch Input Shorted to Ground
DTC B1713 Mirror Switch R Down Input Stuck High
DTC B1717 Mirror Power Fold Control Switch Shorted Low
DTC B1713 Mirror Switch R Down Input Stuck High
DTC B1718 Power Folding Mirror Switch Input Circuit High
DTC B1735 Driver Seat Front Up Switch CKT Malf
DTC B1740 Driver Seat Front Down Switch CKT Malf
DTC B1745 Driver Seat Rear Up Switch CKT Malf
DTC B1750 Driver Seat Rear Down Switch CKT Malf
DTC B1755 Driver Seat Asm Forward Switch CKT Malf
DTC B1760 Driver Seat Asm Rearward Switch CKT Malf
DTC B1760 CD Changer Not Responding
DTC B1780 Theft Lock Enabled
DTC B1805 Ignition Switch Problem
DTC B1815 Driver Recline Forward Switch CKT Malf
DTC B1820 Driver Recline Rearward Switch CKT Malf
DTC B1825 Driver Recline Sensor CKT Malfunction
DTC B1830 Driver Lumbar Forward Switch CKT Malf
DTC B1835 Driver Lumbar Rearward Switch CKT Malf
DTC B1840 Driver Lumbar Up Switch CKT Malf
DTC B1845 Driver Lumbar Down Switch CKT Malf

DTC B1850 Driver Lumbar Horiz Sensor CKT Malf
DTC B1860 Driver Lumbar Vert Sensor CKT Malf
DTC B1870 Driver Belt Tower Up Switch CKT Malf
DTC B1875 Driver Belt Tower Down Sw CKT Malf
DTC B1900 Driver Belt Tower Vert Sen CKT Malf
DTC B1910 Generator L-Terminal Open Circuit
DTC B1911 Generator L-Terminal Problem
DTC B1913 Heated Seat Switch - Mode Input Shorted to Battery
DTC B1918 Heated Seat Switch - Temperature Input Shorted to Battery
DTC B1970 Exterior Lamp Power
DTC B1971 Inadvertent Power
DTC B1972 Low Power Driver Fault
DTC B1973 High Power Control Fault
DTC B1981 Battery Voltage Low
DTC B1982 Device Power Circuit High
DTC B1983 Device Power Circuit Low
DTC B2101 Recline Aft Switch Failed
DTC B2102 Recline Forward Switch Failed
DTC B2103 Rear Vertical Down Switch Failed
DTC B2104 Rear Vertical Up Switch Failed
DTC B2105 Horizontal Aft Switch Failed
DTC B2106 Horizontal Forward Switch Failed
DTC B2107 Front Vertical Down Switch Failed
DTC B2108 Front Vertical Up Switch Failed
DTC B2109 Lumbar Aft Switch Failed
DTC B2110 Lumbar Forward Switch Failed
DTC B2111 Lumbar Down Switch Failed
DTC B2112 Lumbar Up Switch Failed
DTC B2115 Recline Sensor Failed
DTC B2116 Rear Vertical Sensor Failed
DTC B2117 Horizontal Sensor Failed
DTC B2118 Front Vertical Sensor Failed
DTC B2119 Lumbar Forward/Aft Sensor Failed
DTC B2120 Lumbar Up/Down Sensor Failed
DTC B2130 Driver Memory 1 Select Switch Circuit Malfunction
DTC B2131 Driver Memory 2 Select Switch Circuit Malfunction
DTC B2132 Driver Memory Exit Exit/Off Switch Circuit Malfunction
DTC B2133 Driver Memory Set Switch Circuit Malfunction
DTC B2140 Mirror Up Control Switch Circuit Malfunction
DTC B2141 Mirror Down Control Switch Circuit Malfunction
DTC B2142 Mirror Left Control Switch Circuit Malfunction
DTC B2143 Mirror Right Control Switch Circuit Malfunction
DTC B2144 Left Front Mirror Vertical Position Sensor Circuit Low
DTC B2145 Left Front Mirror Vertical Position Sensor Circuit High
DTC B2146 Left Front Mirror Horizontal Position Sensor Circuit Low
DTC B2147 Left Front Mirror Horizontal Position Sensor Circuit High
DTC B2148 Right Front Mirror Vertical Position Sensor Circuit Low
DTC B2149 Right Front Mirror Vertical Position Sensor Circuit High
DTC B2150 Right Front Mirror Horizontal Position Sensor Circuit Low
DTC B2151 Right Front Mirror Horizontal Position Sensor Circuit High
DTC B2175 Tilt/Telescope Module Manual Switch Fail
DTC B2200 LF Window Switch Stuck in Up Position
DTC B2201 LF Window Switch Stuck in Down Position
DTC B2202 RF Window Switch Stuck in Up Position
DTC B2203 RF Window Switch Stuck in Down Position
DTC B2204 LR Window Switch Stuck in Up Position
DTC B2205 LR Window Switch Stuck in Down Position
DTC B2206 RR Window Switch Stuck in Up Position
DTC B2207 RR Window Switch Stuck in Down Position
DTC B2212 RF Switch on LF Door Stuck Up Position
DTC B2213 RF Switch on LF Door Stuck Down Position
DTC B2214 LR Switch on LF Door Stuck Up Position

DTC B2215 LR Switch on LF Door Stuck Down Position
DTC B2216 RR Switch on LF Door Stuck Up Position
DTC B2217 RR Switch on LF Door Stuck Down Position
DTC B2220 LF Door Lock/Unlock Switch Stuck in Lock
DTC B2221 LF Door Lock/Unlock Switch Stuck UnLock
DTC B2222 RF Door Lock/Unlock Switch Stuck in Lock
DTC B2223 RF Door Lock/Unlock Switch Stuck UnLock
DTC B2224 LR Door Lock/Unlock Switch Stuck in Lock
DTC B2226 RR Door Lock/Unlock Switch Stuck in Lock
DTC B2240 Memory 1 Switch Failed
DTC B2241 Memory 2 Switch Failed
DTC B2242 Memory Exit Switch Failed
DTC B2243 Memory Set Switch Failed
DTC B2310 Hand Set Failure
DTC B2311 TRU Failure
DTC B2312 Software Failure
DTC B2355 Driver Front Vertical Sensor Malf
DTC B2365 Driver Rear Vertical Sensor Malf
DTC B2375 Driver Seat Asm Horiz Sensor CKT Malf
DTC B2419 Twilight Photocell Circuit Problem
DTC B2420 Twilight Delay Pot Failure
DTC B2422 Interior Lamp Rheostat Failure
DTC B2460 Navigation Antenna Selector Circuit High Current
DTC B2461 Navigation ECU Synchronous Signal Error
DTC B2462 GPS Signal Error
DTC B2463 Navigation CD Player - No Disk
DTC B2464 Navigation CD Player - Decoding Error
DTC B2465 Navigation CD Player - Data Error
DTC B2466 Navigation VICS Memory Error
DTC B2468 Navigation Display Head (NDH) Malfunction
DTC B2470 Daytime Running Lamps Fault
DTC B2471 Interior Lamp Fault
DTC B2472 Low Beam Fault
DTC B2473 High Beam Fault
DTC B2474 Navigation Display Head (NDH) Back Lighting Malfunction
DTC B2475 Navigation Display Head (NDH) Auxiliary Input Malfunction
DTC B2476 Cellular Phone Select Service Switch Malfunction
DTC B2476 Parklamp Fault
DTC B2477 Reverse Lamp Relay Shorted to Ground
DTC B2478 Reverse Lamp Shorted to Battery
DTC B2502 Auto Trans Shift Lock Control Shorted to Ground
DTC B2503 Park Gear (Auto Trans Shift Lock Control) Relay Shorted to Batt
DTC B2510 Steering Wheel Controls HVAC Key Stuck
DTC B2511 Steering Wheel Controls Conv Key Stuck
DTC B2512 Strng Wheel Controls Illegal A/D Values
DTC B2515 Strg Whl Cont Illegal Resistance Value
DTC B2550 Storage Mode Entered
DTC B2556 Interior Lamp Rheostat Circuit Range
DTC B2560 RKE Message Validation Error
DTC B2641 Delayed Exterior Lighting Ctrl CKT Range
DTC B2646 Ambient Light Sensor Circuit Range
DTC B2710 PASSKey Open/Shorted Pellet
DTC B2711 PASSKey Open/Shorted Pellet After Good Key
DTC B2719 CTD-Trunk Tamper Switch Fault
DTC B2725 ATC Mode Switch Circuit Malfunction
DTC B2734 Coded Key Controller Memory Failure
DTC B2750 PASSKey Data Communication Failure
DTC B2757 Driver Memory 1 Select Switch CKT Low
DTC B2762 Driver Memory 2 Select Switch CKT Low
DTC B2767 Memory Set Switch Failed Low
DTC B2772 Driver Memory Exit Switch Circuit Low
DTC B2780 Wrong Resistor Before Good

DTC B2781 Wrong Resistor After Good
DTC B2782 PASSKey Pellet Resistance Not Programmed
DTC B2783 Key Code/Password Corrupted in Memory
DTC B2805 Steering Whl Controls HVAC Sw CKT Malf
DTC B2810 Steering Whl Ctrl Entertainment CKT Malf
DTC B2853 Telescope Forward Switch Circuit Malfunction
DTC B2858 Telescope Rearward Switch Circuit Malfunction
DTC B2860 Telescope Position Sensor Range
DTC B2862 Telescope Position Sensor Low
DTC B2873 Tilt Up Switch Circuit Malfunction
DTC B2878 Tilt Down Switch Circuit Malfunction
DTC B2880 Tilt Position Sensor Range
DTC B2882 Tilt Position Sensor Low
DTC B2891 Tilt/Telescope Motor Over Current
DTC B2904 Tilt/Telescope 4-way Position Switch Circuit Malfunction
DTC B2947 Security System Sensor Power CKT Low
DTC B2948 Security System Sensor Power CKT High
DTC B2955 Security System Sensor Data CKT Malf
DTC B2957 Security System Sensor Data Circuit Low
DTC B2958 Security System Sensor Data Circuit High
DTC B2960 Sec Sys Sensor Data Incorrect but Valid
DTC B3028 Starter Relay Interface Short to Ground
DTC B3029 Starter Relay Interface Open/Short to B+
DTC B3031 Key Decoder Device in Assem Learn Mode
DTC B3033 Security System Indicates Tamper
DTC B3055 Key Not Present
DTC B3069 RF/LF Door Key Unlock Circuit Low
DTC B3108 Transmitter Synchronization Failure
DTC B3142 LF Unlock Switch Circuit Low
DTC B3147 Passenger Unlock Switch Circuit Low
DTC B3152 LF Lock Switch Circuit Low
DTC B3157 Passenger Lock Switch Circuit Low
DTC B3172 Window Up Switch Circuit Low
DTC B3177 Window Down Switch Circuit Low
DTC B3203 Rear Window Lockout Switch Input Circuit High
DTC B3282 Window Switch-Express Input Shorted to Ground
DTC B3287 LR Window Switch Express Down Circuit Low
DTC B3292 RR Window Switch Express Down Circuit Low
DTC B3282 Window Switch-Express Input Shorted to Ground
DTC B3377 LF Window Up Switch Circuit Low
DTC B3382 LF Window Down Switch Circuit Low
DTC B3387 RF Window Up Switch Circuit Low
DTC B3392 RF Window Down Switch Circuit Low
DTC B3397 LR Window Up Switch Circuit Low
DTC B3452 LR Window Down Switch Circuit Low
DTC B3457 RR Window Up Switch Circuit Low
DTC B3462 RR Window Down Switch Circuit Low
DTC B3467 LF Window Express Down Circuit Low
DTC B3472 RF Window Express Down Circuit Low
DTC B3477 LR Window Express Down Circuit Low
DTC B3482 RR Window Express Down Circuit Low
DTC B3517 LR Door Sw Express Up/Down Window Contact Shorted to GND
DTC B3522 RR Door Sw Express Up/Down Window Contact Shorted to GND
DTC B3527 Window Lockout Switch Circuit Low
DTC B3793 Memory Seat Module Over Current

Chassis Codes:

DTC C0000 Vehicle Speed Information Circuit Malfunction
DTC C0035 LF Wheel Speed Circuit Malfunction
DTC C0040 RF Wheel Speed Circuit Malfunction
DTC C0045 LR Wheel Speed Circuit Malfunction

DTC C0050 RR Wheel Speed Circuit Malfunction
DTC C0060 LF ABS Solenoid #1 Circuit Malfunction
DTC C0065 LF ABS Solenoid #2 Circuit Malfunction
DTC C0070 RF ABS Solenoid #1 Circuit Malfunction
DTC C0075 RF ABS Solenoid #2 Circuit Malfunction
DTC C0080 LR ABS Solenoid #1 Circuit Malfunction
DTC C0085 LR ABS Solenoid #2 Circuit Malfunction
DTC C0090 RR ABS Solenoid #1 Circuit Malfunction
DTC C0095 RR ABS Solenoid #2 Circuit Malfunction
DTC C0110 Pump Motor Circuit Malfunction
DTC C0121 Valve Relay Circuit Malfunction
DTC C0141 Left TCS Solenoid #1 Circuit Malfunction
DTC C0146 Left TCS Solenoid #2 Circuit Malfunction
DTC C0151 Right TCS Solenoid #1 CKT Malfunction
DTC C0156 Right TCS Solenoid #2 CKT Malfunction
DTC C0161 ABS/TCS Brake Switch Circuit Malfunction
DTC C0221 RF Wheel Speed Sensor Circuit Open
DTC C0222 RF Wheel Speed Signal Missing
DTC C0223 RF Wheel Speed Signal Erratic
DTC C0225 LF Wheel Speed Sensor Circuit Open
DTC C0226 LF Wheel Speed Signal Missing
DTC C0227 LF Wheel Speed Signal Erratic
DTC C0229 Drop Out of Front Wheel Speed Signals
DTC C0235 Rear Wheel Speed Signal Circuit Open
DTC C0236 Rear Wheel Speed Signal Circuit Missing
DTC C0237 Rear Wheel Speed Signal Erratic
DTC C0238 Wheel Speed Mismatch
DTC C0241-C0254 EBCM Control Valve Circuit
DTC C0245 Wheel Speed Sensor Frequency Error
DTC C0265 or C0266 EBCM Relay Circuit
DTC C0267 or C0268 Pump Motor Circuit Open/Shorted
DTC C0269 or C0274 Excessive Dump/Isolation Time
DTC C0271-C0273 EBCM Malfunction
DTC C0281 Brake Switch Circuit
DTC C0286 ABS Indicator Lamp Circuit Shorted to B+
DTC C0288 Brake Warning Lamp Circuit Shorted to B+
DTC C0300 Rear Speed Sensor Malfunction
DTC C0305 Front Speed Sensor Malfunction
DTC C0308 Motor A/B Circuit Low
DTC C0309 Motor A/B Circuit High
DTC C0310 Motor A/B Circuit Open
DTC C0315 Motor Ground Circuit Open
DTC C0323 T-Case Lock Circuit Low
DTC C0324 T-Case Lock Circuit High
DTC C0327 Encoder Circuit Malfunction
DTC C0357 Park Switch Circuit High
DTC C0362 4LO Discrete Output Circuit High
DTC C0367 Front Axle Control Circuit High
DTC C0374 General System Malfunction
DTC C0376 Front/Rear Shaft Speed Mismatch
DTC C0387 Unable to Perform Shift
DTC C0472 Steering Handwheel Speed Sensor Signal V Low
DTC C0473 Steering Handwheel Speed Sensor Signal V High
DTC C0495 EVO Tracking Error
DTC C0498 Steering Assist Control Actuator Feed Circuit Low
DTC C0499 Steering Assist Control Solenoid Feed Circuit High
DTC C0503 Steering Assist Control Solenoid Return Circuit Low
DTC C0504 Steering Assist Control Solenoid Return Circuit High
DTC C0550 ECU Malfunction
DTC C0559 EEPROM Checksum Error
DTC C0563 Calibration ROM Checksum Error
DTC C0577 Left Front Solenoid Circuit Low

DTC C0578 Left Front Solenoid Circuit High
DTC C0579 Left Front Solenoid Circuit Open
DTC C0582 Right Front Solenoid Circuit Low
DTC C0583 Right Front Solenoid Circuit High
DTC C0584 Right Front Solenoid Circuit Open
DTC C0587 Left Rear Solenoid Circuit Low
DTC C0588 Left Rear Solenoid Circuit High
DTC C0589 Left Rear Solenoid Circuit Open
DTC C0592 Right Rear Solenoid Circuit Low
DTC C0593 Right Rear Solenoid Circuit High
DTC C0594 Right Rear Solenoid Circuit Open
DTC C0611 VIN Information Error
DTC C0615 Left Front Position Sensor Malfunction
DTC C0620 Right Front Position Sensor Malfunction
DTC C0625 Left Rear Position Sensor Malfunction
DTC C0628 Level Control Position Sensor Circuit High
DTC C0630 Right Rear Position Sensor Malfunction
DTC C0635 Left Front Normal Force Circuit Malfunction
DTC C0638 Left Front Normal Force Circuit High
DTC C0640 Right Front Normal Force Circuit Malfunction
DTC C0643 Right Front Normal Force Circuit High
DTC C0655 Level Control Compressor Relay Malfunction
DTC C0657 Level Control Compressor Circuit Low
DTC C0658 Level Control Compressor Circuit High
DTC C0660 Level Control Exhaust Valve Circuit Malfunction
DTC C0662 Level Control Exhaust Valve Circuit Low
DTC C0663 Level Control Exhaust Valve Circuit High
DTC C0665 Chassis Pitch Signal Circuit
DTC C0690 Damper Control Relay Circuit Malfunction
DTC C0691 Damper Control Relay Circuit Range
DTC C0693 Damper Control Relay Circuit High
DTC C0695 Position Sensor Overcurrent (8 volt supply)
DTC C0696 Position Sensor Overcurrent (5 volt supply)
DTC C0710 Steering Position Signal Malfunction
DTC C0800 Device Power #1 Circuit Malfunction
DTC C0896 Device Voltage Range/Performance
DTC C1211 ABS Indicator Lamp Circuit Malfunction
DTC C1214 System Relay Contact or Coil Circuit Open
DTC C1217 Pump Motor Shorted to Ground
DTC C1218 Pump Motor Circuit Shorted to Voltage or Motor Ground Open
DTC C1221 LF Wheel Speed Sensor Input Signal is 0
DTC C1222 RF Wheel Speed Sensor Input Signal is 0
DTC C1223 LR Wheel Speed Sensor Input Signal is 0
DTC C1224 RR Wheel Speed Sensor Input Signal is 0
DTC C1225 LF Excessive Wheel Speed Variation
DTC C1226 RF Excessive Wheel Speed Variation
DTC C1227 LR Excessive Wheel Speed Variation
DTC C1228 RR Excessive Wheel Speed Variation
DTC C1232 LF Wheel Speed Circuit Open or Shorted
DTC C1233 RF Wheel Speed Circuit Open or Shorted
DTC C1234 LR Wheel Speed Circuit Open or Shorted
DTC C1235 RR Wheel Speed Circuit Open or Shorted
DTC C1236 Low System Supply Voltage
DTC C1237 High System Supply Voltage
DTC C1238 Brake Thermal Model Exceeded
DTC C1241 Variable Effort Steering Circuit Malfunction
DTC C1242 Pump Motor Circuit Open
DTC C1243 BPMV Pump Motor Stalled
DTC C1246 Brake Lining Wear Circuit Open
DTC C1248 EBCM Turned the Red Brake Warning Indicator On
DTC C1251 RSS Indicated Malfunction
DTC C1252 LF Normal Force Malfunction

DTC C1253 RF Normal Force Malfunction
DTC C1254 Abnormal Shutdown Detected
DTC C1255 EBCM Internal Malfunction
DTC C1256 EBCM Internal Malfunction
DTC C1261 LF Inlet Valve Solenoid Malfunction
DTC C1262 LF Outlet Valve Solenoid Malfunction
DTC C1263 RF Inlet Valve Solenoid Malfunction
DTC C1264 RF Outlet Valve Solenoid Malfunction
DTC C1265 LR Inlet Valve Solenoid Malfunction
DTC C1266 LR Outlet Valve Solenoid Malfunction
DTC C1267 RR Inlet Valve Solenoid Malfunction
DTC C1268 RR Outlet Valve Solenoid Malfunction
DTC C1271 LF TCS Master Cylinder Isolation Valve Malfunction
DTC C1272 LF TCS Prime Valve Malfunction
DTC C1273 RF TCS Master Cylinder Isolation Valve Malfunction
DTC C1274 RF TCS Prime Valve Malfunction
DTC C1276 Delivered Torque Signal Circuit Malfunction
DTC C1277 Requested Torque Signal Circuit Malfunction
DTC C1278 TCS Temporarily Inhibited By PCM
DTC C1281 VSES Sensors Uncorrelated
DTC C1282 Yaw Rate Sensor Bias Circuit Malfunction
DTC C1283 Excessive Time to Center Steering
DTC C1284 Lateral Accelerometer Sensor Bias Malfunction
DTC C1285 Lateral Accelerometer Sensor Circuit Malfunction
DTC C1286 Steering Sensor Bias Malfunction
DTC C1287 Steering Sensor Rate Malfunction
DTC C1288 Steering Sensor Circuit Malfunction
DTC C1291 Open Brake Lamp Switch Contacts During Deceleration
DTC C1293 Code C1291 Set in Previous Ignition Cycle
DTC C1294 Brake Lamp Switch Circuit Always Active
DTC C1295 Brake Lamp Switch Circuit Open
DTC C1297 PCM Indicated Brake Extended Travel Switch Failure
DTC C1298 PCM Class 2 Serial Data Link Malfunction
DTC C1326 Battery Out of Range
DTC C1650 RSS Control Module Fault
DTC C1658 RSS Control Module Calibration Fault
DTC C1710 LF Damper Actuator Short CKT to Battery
DTC C1711 LF Damper Actuator Short CKT to Ground
DTC C1712 LF Damper Actuator Open CKT
DTC C1715 RF Damper Actuator Short CKT to Battery
DTC C1716 RF Damper Actuator Short CKT to Ground
DTC C1717 RF Damper Actuator Open CKT
DTC C1720 LR Damper Actuator Short CKT to Battery
DTC C1721 LR Damper Actuator Short CKT to Ground
DTC C1722 LR Damper Actuator Open CKT
DTC C1725 RR Damper Actuator Short CKT to Battery
DTC C1726 RR Damper Actuator Short CKT to Ground
DTC C1727 RR Damper Actuator Open CKT
DTC C1735 Compressor Relay Short to Battery
DTC C1736 Compressor Relay Short to GND/Open CKT
DTC C1737 Exhaust Solenoid Valve Short to Battery
DTC C1738 Exhaust Solenoid Valve Short to GND
DTC C1743 Speed Signal Fault
DTC C1744 Lift/Dive Signal Discrete Fault
DTC C1760 LF Position Sensor Input Fault
DTC C1761 RF Position Sensor Input Fault
DTC C1762 LR Position Sensor Input Fault
DTC C1763 RR Position Sensor Input Fault
DTC C1768 Position Sensor Supply Fault
DTC C1780 Loss of Steering Position Signal
DTC C1782 ICCS2 DL Left Output Short CKT to Bat
DTC C1783 ICCS2 DL Left Output Short CKT to GND

DTC C1784 ICCS2 DL Right Output Short CKT to Bat
DTC C1785 ICCS2 DL Right Output Short CKT to GND
DTC C1786 Damper Control Relay Fault
DTC C1787 Damper Control Relay Short to GND
DTC C1788 Damper Control Relay Short to Bat

Powertrain Codes:

DTC P0030 HO2S Heater Control Circuit Bank 1 Sensor 1
DTC P0031 HO2S Heater Circuit Low Voltage Bank 1 Sensor 1
DTC P0032 HO2S Heater Circuit High Voltage Bank 1 Sensor 1
DTC P0036 HO2S Heater Control Circuit Bank 1 Sensor 2
DTC P0037 HO2S Heater Circuit Low Voltage Bank 1 Sensor 2
DTC P0038 HO2S Heater Circuit High Voltage Bank 1 Sensor 2
DTC P0050 HO2S Heater Circuit Bank 2 Sensor 1
DTC P0051 HO2S Heater Circuit Low Voltage Bank 2 Sensor 1
DTC P0052 HO2S Heater Circuit High Voltage Bank 2 Sensor 1
DTC P0056 HO2S Heater Circuit Bank 2 Sensor 2
DTC P0057 HO2S Heater Circuit Low Voltage Bank 2 Sensor 2
DTC P0058 HO2S Heater Circuit High Voltage Bank 2 Sensor 2
DTC P0100 MAF Sensor Ckt. Insufficient Activity
DTC P0101 Mass Air Flow (MAF) Sensor Performance
DTC P0102 Mass Air Flow (MAF) Sensor Circuit Low Frequency
DTC P0103 Mass Air Flow (MAF) Sensor Circuit High Frequency
DTC P0104 Mass Air Flow Circuit Intermittent
DTC P0105 MAP Sensor Circuit Insufficient Activity
DTC P0106 Manifold Absolute Pressure (MAP) System Performance
DTC P0107 Manifold Absolute Pressure (MAP) Sensor Circuit Low Voltage
DTC P0108 Manifold Absolute Pressure (MAP) Sensor Circuit High Voltage
DTC P0109 Manifold Absolute Pressure Circuit Intermittent
DTC P0110 Intake Air Temperature (IAT) Sensor Circuit
DTC P0111 Intake Air Temperature (IAT) Sensor Performance
DTC P0112 Intake Air Temperature (IAT) Sensor Circuit Low Voltage
DTC P0113 Intake Air Temperature (IAT) Sensor Circuit High Voltage
DTC P0114 Intake Air Temperature Circuit Intermittent
DTC P0115 Engine Coolant Temperature (ECT) Sensor Circuit
DTC P0116 Engine Coolant Temperature (ECT) Sensor Performance
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 Circuit Intermittent
DTC P0120 TP System Performance
DTC P0121 TP Sensor Circuit Insufficient Activity
DTC P0122 Throttle Position (TP) Sensor Circuit Low Voltage
DTC P0123 Throttle Position (TP) Sensor Circuit High Voltage
DTC P0124 Throttle Position Sensor 1 Circuit Intermittent
DTC P0125 Engine Coolant Temperature (ECT) Insufficient for Closed Loop Fuel Control
DTC P0126 Insufficient ECT for Stable Operation
DTC P0128 Coolant Thermostat
DTC P0130 HO2S Circuit Closed Loop (CL) Performance Bank 1 Sensor 1
DTC P0131 HO2S Circuit Low Voltage Bank 1 Sensor 1
DTC P0132 HO2S Circuit High Voltage Bank 1 Sensor 1
DTC P0133 HO2S Slow Response Bank 1 Sensor 1
DTC P0134 HO2S Circuit Insufficient Activity Bank 1 Sensor 1
DTC P0135 HO2S Heater Performance Bank 1 Sensor 1
DTC P0136 HO2S Circuit Bank 1 Sensor 2
DTC P0137 HO2S Circuit Low Voltage Bank 1 Sensor 2
DTC P0138 HO2S Circuit High Voltage Bank 1 Sensor 2
DTC P0139 HO2S Slow Response Bank 1 Sensor 2
DTC P0140 HO2S Circuit Insufficient Activity Bank 1 Sensor 2
DTC P0141 HO2S Heater Performance Bank 1 Sensor 2
DTC P0142 HO2S Circuit Bank 1 Sensor 3
DTC P0143 HO2S Circuit Low Voltage Bank 1 Sensor 3

DTC P0144 HO2S Circuit High Voltage Bank 1 Sensor 3
DTC P0145 HO2S Circuit Bank 1 Sensor 2 Slow Response
DTC P0146 HO2S Circuit Insufficient Activity Bank 1 Sensor 3
DTC P0147 HO2S Heater Performance Bank 1 Sensor 3
DTC P0150 HO2S Circuit Closed Loop (CL) Performance Bank 2 Sensor 1
DTC P0150 HO2S Circuit Bank 2 Sensor 1
DTC P0151 HO2S Circuit Low Voltage Bank 2 Sensor 1
DTC P0152 HO2S Circuit High Voltage Bank 2 Sensor 1
DTC P0153 HO2S Slow Response Bank 2 Sensor 1
DTC P0154 HO2S Circuit Insufficient Activity Bank 2 Sensor 1
DTC P0155 HO2S Heater Performance Bank 2 Sensor 1
DTC P0156 HO2S Circuit Bank 2 Sensor 2
DTC P0157 HO2S Circuit Low Voltage Bank 2 Sensor 2
DTC P0158 HO2S Circuit High Voltage Bank2 Sensor 2
DTC P0159 HO2S Slow Response Bank 2 Sensor 2
DTC P0160 HO2S Circuit Insufficient Activity Bank 2 Sensor 2
DTC P0161 HO2S Heater Performance Bank 2 Sensor 2
DTC P0162 HO2S Circuit Bank 2 Sensor 3
DTC P0163 HO2S Circuit Bank 2 Sensor 3 Low Voltage
DTC P0164 HO2S Circuit Bank 2 Sensor 3 High Voltage
DTC P0165 HO2S Circuit Bank 2 Sensor 3 Slow Response
DTC P0166 HO2S Circuit Bank 2 Sensor 3 No Activity Detected
DTC P0167 HO2S Heater Circuit Bank 2 Sensor 3
DTC P0169 Fuel Composition Sensor
DTC P0170 Fuel Trim Bank 1
DTC P0171 Fuel Trim System Lean Bank 1
DTC P0172 Fuel Trim System Rich Bank 1
DTC P0173 Fuel Trim Bank 2
DTC P0174 Fuel Trim System Lean Bank 2
DTC P0175 Fuel Trim System Rich Bank 2
DTC P0176 Fuel Composition Sensor Circuit
DTC P0177 Fuel Composition Sensor Circuit Performance
DTC P0178 Fuel Composition Sensor Circuit Low Voltage
DTC P0179 Fuel Composition Sensor Circuit High Voltage
DTC P0180 Fuel Temperature Sensor 1 Circuit
DTC P0181 Fuel Temp. Sensor 1 Circuit Performance
DTC P0182 Fuel Temperature Sensor Circuit Low Voltage
DTC P0183 Fuel Temperature Sensor Circuit High Voltage
DTC P0184 Fuel Temperature Sensor 1 Circuit Intermittent
DTC P0185 Fuel Temperature Sensor 2 Circuit
DTC P0186 Fuel Temp. Sensor 2 Circuit Performance
DTC P0187 Fuel Temperature Sensor 2 Circuit Low Voltage
DTC P0188 Fuel Temperature Sensor 2 Circuit High Voltage
DTC P0189 Fuel Temperature Sensor 2 Circuit Intermittent
DTC P0190 Fuel Rail Pressure Sensor Circuit
DTC P0191 Fuel Rail Pressure Sensor Circuit Performance
DTC P0192 Fuel Rail Pressure Sensor Circuit Low Voltage
DTC P0193 Fuel Rail Pressure Sensor Circuit High Voltage
DTC P0194 Fuel Rail Pressure Sensor Circuit Intermittent
DTC P0195 Engine Oil Temperature Sensor
DTC P0196 Engine Oil Temperature Sensor Performance
DTC P0197 Engine Oil Temperature Sensor Low Voltage
DTC P0198 Engine Oil Temperature Sensor High Voltage
DTC P0199 Engine Oil Temperature Sensor Intermittent
DTC P0200 Injector Control Circuit
DTC P0201 Injector 1 Control Circuit
DTC P0202 Injector 2 Control Circuit
DTC P0203 Injector 3 Control Circuit
DTC P0204 Injector 4 Control Circuit
DTC P0205 Injector 5 Control Circuit
DTC P0206 Injector 6 Control Circuit
DTC P0207 Injector 7 Control Circuit

DTC P0208 Injector 8 Control Circuit
DTC P0209 Injector 9 Control Circuit
DTC P0210 Injector 10 Control Circuit
DTC P0211 Injector 11 Control Circuit
DTC P0212 Injector 12 Control Circuit
DTC P0213 Cold Start Injector 1
DTC P0214 Cold Start Injector 2
DTC P0215 Engine Shutoff Control Circuit
DTC P0216 Injection Timing Control Circuit
DTC P0217 Engine Overtemp Condition
DTC P0218 Transmission Fluid Overtemperature
DTC P0219 Engine Overspeed Condition
DTC P0220 APP Sensor 2 Circuit
DTC P0221 APP Sensor 2 Circuit Performance
DTC P0222 APP Sensor 2 Circuit Low Voltage
DTC P0223 APP Sensor 2 Circuit High Voltage
DTC P0224 Throttle Position Sensor 2 Intermittent
DTC P0225 APP Sensor 3 Circuit
DTC P0226 APP Sensor 3 Circuit Performance
DTC P0227 APP Sensor 3 Circuit Low Voltage
DTC P0228 APP Sensor 3 Circuit High Voltage
DTC P0229 Throttle Position Sensor 3 Intermittent
DTC P0230 Fuel Pump Relay Control Circuit
DTC P0231 Fuel Pump Feedback Circuit Low Voltage
DTC P0232 Fuel Pump Feedback Circuit High Voltage
DTC P0233 Fuel Pump Secondary Circuit Intermittent
DTC P0234 TC Engine Overboost Condition
DTC P0235 Turbocharger Boost Sensor 1 Circuit
DTC P0236 TC Boost System
DTC P0237 TC Boost Sensor Circuit Low Voltage
DTC P0238 TC Boost Sensor Circuit High Voltage
DTC P0239 Turbocharger Boost Sensor 2 Circuit
DTC P0240 Turbocharger Boost Sensor 2 Performance
DTC P0241 Turbocharger Boost Sensor 2 Circuit Low Voltage
DTC P0242 Turbocharger Boost Sensor 2 Circuit High Voltage
DTC P0243 Turbocharger Wastegate Solenoid 1
DTC P0244 Turbocharger Wastegate Solenoid 1 Performance
DTC P0245 Turbocharger Wastegate Solenoid 1 Low Voltage
DTC P0246 Turbocharger Wastegate Solenoid 1 High Voltage
DTC P0247 Turbocharger Wastegate Solenoid 2
DTC P0248 Turbocharger Wastegate Solenoid 2 Performance
DTC P0249 Turbocharger Wastegate Solenoid 2 Low Voltage
DTC P0250 Turbocharger Wastegate Solenoid 2 High Voltage
DTC P0251 Injection Pump Fuel Metering Control "A" Malfunction (Cam/Rotor/Injector)
DTC P0252 Injection Pump Fuel Metering Control "A" Range/Performance (Cam/Rotor/Injector)
DTC P0253 Injection Pump Fuel Metering Control "A" Low (Cam/Rotor/Injector)
DTC P0254 Injection Pump Fuel Metering Control "A" High (Cam/Rotor/Injector)
DTC P0255 Injection Pump Fuel Metering Control "A" Intermittent (Cam/Rotor/Injector)
DTC P0256 Injection Pump Fuel Metering Control "B" Malfunction (Cam/Rotor/Injector)
DTC P0257 Injection Pump Fuel Metering Control "B" Range/Performance (Cam/Rotor/Injector)
DTC P0258 Injection Pump Fuel Metering Control "B" Low (Cam/Rotor/Injector)
DTC P0259 Injection Pump Fuel Metering Control "B" High (Cam/Rotor/Injector)
DTC P0260 Injection Pump Fuel Metering Control "B" Intermittent (Cam/Rotor/Injector)
DTC P0261 Cylinder 1 Injector Circuit Low
DTC P0262 Cylinder 1 Injector Circuit High
DTC P0263 Cylinder 1 Contribution/Balance Fault
DTC P0264 Cylinder 2 Injector Circuit Low
DTC P0265 Cylinder 2 Injector Circuit High
DTC P0266 Cylinder 2 Contribution/Balance Fault
DTC P0267 Cylinder 3 Injector Circuit Low
DTC P0268 Cylinder 3 Injector Circuit High
DTC P0269 Cylinder 3 Contribution/Balance Fault

DTC P0270 Cylinder 4 Injector Circuit Low
DTC P0271 Cylinder 4 Injector Circuit High
DTC P0272 Cylinder 4 Contribution/Balance Fault
DTC P0273 Cylinder 5 Injector Circuit Low
DTC P0274 Cylinder 5 Injector Circuit High
DTC P0275 Cylinder 5 Contribution/Balance Fault
DTC P0276 Cylinder 6 Injector Circuit Low
DTC P0277 Cylinder 6 Injector Circuit High
DTC P0278 Cylinder 6 Contribution/Balance Fault
DTC P0279 Cylinder 7 Injector Circuit Low
DTC P0280 Cylinder 7 Injector Circuit High
DTC P0281 Cylinder 7 Contribution/Balance Fault
DTC P0282 Cylinder 8 Injector Circuit Low
DTC P0283 Cylinder 8 Injector Circuit High
DTC P0284 Cylinder 8 Contribution/Balance Fault
DTC P0285 Cylinder 9 Injector Circuit Low
DTC P0286 Cylinder 9 Injector Circuit High
DTC P0287 Cylinder 9 Contribution/Balance Fault
DTC P0288 Cylinder 10 Injector Circuit Low
DTC P0289 Cylinder 10 Injector Circuit High
DTC P0290 Cylinder 10 Contribution/Balance Fault
DTC P0291 Cylinder 11 Injector Circuit Low
DTC P0292 Cylinder 11 Injector Circuit High
DTC P0293 Cylinder 11 Contribution/Balance Fault
DTC P0294 Cylinder 12 Injector Circuit Low
DTC P0295 Cylinder 12 Injector Circuit High
DTC P0296 Cylinder 12 Contribution/Range Fault
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
DTC P0307 Cylinder 7 Misfire Detected
DTC P0308 Cylinder 8 Misfire Detected
DTC P0309 Cylinder 9 Misfire Detected
DTC P0311 Cylinder 11 Misfire Detected
DTC P0312 Cylinder 12 Misfire Detected
DTC P0320 Ignition/Distributor Engine Speed Input Circuit Malfunction
DTC P0321 Ignition/Distributor Engine Speed Input Circuit Range/Performance
DTC P0322 IC Module 4X Reference CKT No Frequency
DTC P0323 Ignition/Distributor Engine Speed Input Circuit Intermittent
DTC P0325 PCM Knock Sensor Circuit
DTC P0326 Knock Sensor CKT Excessive Spark Retard
DTC P0327 Knock Sensor Circuit Low Voltage
DTC P0328 Knock Sensor 1 Circuit High Input (Bank 1 or Single Sensor)
DTC P0329 Knock Sensor 1 Circuit Intermittent (Bank 1 or Single Sensor)
DTC P0330 Knock Sensor (KS) Circuit Bank 2
DTC P0331 Knock Sensor 2 Circuit Range/Performance (Bank 2)
DTC P0332 Knock Sensor 2 Circuit Low Input (Bank 2)
DTC P0333 Knock Sensor 2 Circuit High Input (Bank 2)
DTC P0334 Knock Sensor 2 Circuit Intermittent (Bank 2)
DTC P0335 CKP Sensor A Circuit Performance
DTC P0336 Crankshaft Position (CKP) Sensor A Performance
DTC P0337 Crankshaft Position (CKP) Sensor Circuit Low Duty Cycle
DTC P0338 Crankshaft Position (CKP) Sensor Circuit High Duty Cycle
DTC P0339 Crankshaft Position (CKP) Sensor Circuit Intermittent
DTC P0340 Camshaft Position (CMP) Sensor Circuit
DTC P0341 Camshaft Position (CMP) Sensor Performance
DTC P0342 Camshaft Position Sensor Circuit Low Input
DTC P0343 Camshaft Position Sensor Circuit High Input

DTC P0344 Camshaft Position Sensor Circuit Intermittent
DTC P0350 Ignition Coil Primary/Secondary Circuit Malfunction
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 P0357 Ignition Coil 7 Control Circuit
DTC P0358 Ignition Coil 8 Control Circuit
DTC P0359 Ignition Coil I Primary/Secondary Circuit Malfunction
DTC P0360 Ignition Coil J Primary/Secondary Circuit Malfunction
DTC P0361 Ignition Coil K Primary/Secondary Circuit Malfunction
DTC P0362 Ignition Coil L Primary/Secondary Circuit Malfunction
DTC P0370 Timing Reference High Resolution Signal A Malfunction
DTC P0371 IC 24X Reference CKT Too Many Pulses
DTC P0372 IC 24X Reference Circuit Missing Pulses
DTC P0373 Timing Reference High Resolution Signal A Intermittent/Erratic Pulses
DTC P0374 Timing Reference High Resolution Signal A No Pulses
DTC P0375 Timing Reference High Resolution Signal B Malfunction
DTC P0376 Timing Reference High Resolution Signal B Too Many Pulses
DTC P0377 Timing Reference High Resolution Signal B Too Few Pulses
DTC P0378 Timing Reference High Resolution Signal B Intermittent/Erratic Pulses
DTC P0379 Timing Reference High Resolution Signal B No Pulses
DTC P0380 Glow Plug/Heater Circuit "A" Malfunction
DTC P0381 Glow Plug/Heater Indicator Circuit Malfunction
DTC P0382 Exhaust Gas Recirculation Flow Malfunction
DTC P0385 Crankshaft Position (CKP) Sensor B Circuit
DTC P0386 Crankshaft Position (CKP) Sensor B Performance
DTC P0387 Crankshaft Position Sensor B Circuit Low Input
DTC P0388 Crankshaft Position Sensor B Circuit High Input
DTC P0389 Crankshaft Position Sensor B Circuit Intermittent
DTC P0400 Exhaust Gas Recirculation Flow Malfunction
DTC P0401 Exhaust Gas Recirculation (EGR) Flow Insufficient
DTC P0402 Exhaust Gas Recirculation Flow Excessive Detected
DTC P0403 Exhaust Gas Recirculation (EGR) Solenoid Control Circuit
DTC P0404 Exhaust Gas Recirculation (EGR) Open Position Performance
DTC P0405 Exhaust Gas Recirculation (EGR) Position Sensor Circuit Low Voltage
DTC P0406 Exhaust Gas Recirculation Sensor A Circuit High
DTC P0407 Exhaust Gas Recirculation Sensor B Circuit Low
DTC P0408 Exhaust Gas Recirculation Sensor B Circuit High
DTC P0410 Secondary Air Injection (AIR) System
DTC P0411 Secondary Air Injection (AIR) System
DTC P0412 Secondary Air Injection (AIR) Solenoid Relay Control Circuit Bank 1
DTC P0413 Secondary Air Injection System Switching Valve A Circuit Open
DTC P0414 Secondary Air Injection System Switching Valve A Circuit Shorted
DTC P0415 Secondary Air Injection System Switching Valve B Circuit Malfunction
DTC P0416 Secondary Air Injection System Switching Valve B Circuit Open
DTC P0417 Secondary Air Injection System Switching Valve B Circuit Shorted
DTC P0418 Secondary Air Injection (AIR) Pump Relay Control Circuit Bank 1
DTC P0419 Secondary Air Injection (AIR) Pump Relay Control Circuit Bank 2
DTC P0420 Catalyst System Low Efficiency
DTC P0421 Warm Up Catalyst Efficiency Below Threshold (Bank 1)
DTC P0422 Catalyst System Low Efficiency Bank 1
DTC P0423 Heated Catalyst Efficiency Below Threshold (Bank 1)
DTC P0424 Heated Catalyst Temperature Below Threshold (Bank 1)
DTC P0430 Catalyst System Low Efficiency Bank 2
DTC P0431 Warm Up Catalyst Efficiency Below Threshold (Bank 2)
DTC P0432 Catalyst System Low Efficiency Bank 2
DTC P0433 Heated Catalyst Efficiency Below Threshold (Bank 2)
DTC P0434 Heated Catalyst Temperature Below Threshold (Bank 2)
DTC P0440 Evaporative Emission (EVAP) System

DTC P0441 Evaporative Emission Control System Incorrect Purge Flow
DTC P0442 Evaporative Emission (EVAP) System Small Leak Detected
DTC P0443 EVAP Purge Solenoid Valve 1 Control CKT
DTC P0444 Evaporative Emission Control System Purge Control Valve Circuit Open
DTC P0445 Evaporative Emission Control System Purge Control Valve Circuit Shorted
DTC P0446 EVAP Vent Solenoid Valve Control System
DTC P0447 Evaporative Emission Control System Vent Control Circuit Open
DTC P0448 Evaporative Emission Control System Vent Control Circuit Shorted
DTC P0449 Evaporative Emission (EVAP) Vent Solenoid Control Circuit
DTC P0450 Fuel Tank Pressure Sensor Circuit
DTC P0451 Evaporative Emission Control System Pressure Sensor Range/Performance
DTC P0452 Fuel Tank Pressure Sensor Circuit Low Voltage
DTC P0453 Fuel Tank Pressure Sensor Circuit High Voltage
DTC P0454 Evaporative Emission Control System Pressure Sensor Intermittent
DTC P0455 Evaporative Emission (EVAP) System Leak Detected
DTC P0460 Fuel Level Sensor Circuit
DTC P0461 Fuel Level Sensor Performance
DTC P0462 Fuel Level Sensor Circuit Low Voltage
DTC P0463 Fuel Level Sensor Circuit High Voltage
DTC P0464 Fuel Level Sensor Circuit Intermittent
DTC P0465 Purge Flow Sensor Circuit Malfunction
DTC P0466 Purge Flow Sensor Circuit Range/Performance
DTC P0467 Purge Flow Sensor Circuit Low Input
DTC P0468 Purge Flow Sensor Circuit High Input
DTC P0469 Purge Flow Sensor Circuit Intermittent
DTC P0470 Exhaust Pressure Sensor Malfunction
DTC P0471 Exhaust Pressure Sensor Range/Performance
DTC P0472 Exhaust Pressure Sensor Low
DTC P0473 Exhaust Pressure Sensor High
DTC P0474 Exhaust Pressure Sensor Intermittent
DTC P0475 Exhaust Pressure Control Valve Malfunction
DTC P0476 Exhaust Pressure Control Valve Range/Performance
DTC P0477 Exhaust Pressure Control Valve Low
DTC P0478 Exhaust Pressure Control Valve High
DTC P0479 Exhaust Pressure Control Valve Intermittent
DTC P0480 Cooling Fan Relay 1 Control Circuit
DTC P0481 Cooling Fan Relay 2 Control Circuit
DTC P0482 Cooling Fan 3 Control Circuit Malfunction
DTC P0483 Cooling Fan Rationality Check Malfunction
DTC P0484 Cooling Fan Circuit Over Current
DTC P0485 Cooling Fan Power/Ground Circuit Malfunction
DTC P0500 Vehicle Speed Sensor (VSS) Circuit
DTC P0501 Vehicle Speed Sensor Range/Performance
DTC P0502 Vehicle Speed Sensor (VSS) Circuit Low Input
DTC P0503 Vehicle Speed Sensor (VSS) Circuit Intermittent
DTC P0505 Idle Control System Malfunction
DTC P0506 Idle Speed Low
DTC P0507 Idle Speed High
DTC P0510 Closed Throttle Position Switch Malfunction
DTC P0512 Start Switch Circuit
DTC P0520 Engine Oil Pressure Sensor/Switch Circuit Malfunction
DTC P0521 Engine Oil Pressure Sensor/Switch Circuit Range/Performance
DTC P0522 Engine Oil Pressure Sensor/Switch Circuit Low Voltage
DTC P0523 Engine Oil Pressure Sensor/Switch Circuit High Voltage
DTC P0530 A/C Refrigerant Pressure Sensor Circuit Malfunction
DTC P0531 A/C Refrigerant Pressure Sensor Circuit Range/Performance
DTC P0532 Air Conditioning (A/C) Refrigerant Pressure Sensor Circuit Low Voltage
DTC P0533 Air Conditioning (A/C) Refrigerant Pressure Sensor Circuit High Voltage
DTC P0534 Air Conditioner Refrigerant Charge Loss
DTC P0550 Power Steering Pressure (PSP) Switch Circuit
DTC P0551 Power Steering Pressure Sensor Circuit Range/Performance
DTC P0552 Power Steering Pressure Sensor Circuit Low Input

DTC P0553 Power Steering Pressure Sensor Circuit High Input
DTC P0554 Power Steering Pressure Sensor Circuit Intermittent
DTC P0560 System Voltage
DTC P0561 System Voltage Unstable
DTC P0562 System Voltage Low
DTC P0563 System Voltage High
DTC P0565 Cruise Control On Signal Malfunction
DTC P0566 Cruise Control Off Signal Malfunction
DTC P0567 Cruise Control Resume Signal Malfunction
DTC P0568 Cruise Control Set Signal Malfunction
DTC P0569 Cruise Control Coast Signal Malfunction
DTC P0570 Cruise Control Accel Signal Malfunction
DTC P0571 Cruise Control Brake Switch Circuit
DTC P0573 Cruise Control/Brake Switch A Circuit High
DTC P0574 Vehicle Speed Too High - Cruise Control Disabled
DTC P0575 Cruise Control Related Malfunction
DTC P0576 Cruise Control Related Malfunction
DTC P0576 Cruise Control Related Malfunction
DTC P0578 Cruise Control Related Malfunction
DTC P0579 Cruise Control Related Malfunction
DTC P0580 Cruise Control Related Malfunction
DTC P0600 Serial Communication Link Malfunction
DTC P0601 Control Module Read Only Memory (ROM)
DTC P0602 Control Module Not Programmed
DTC P0603 Control Module Long Term Memory Reset
DTC P0604 Control Module Random Access Memory (RAM)
DTC P0605 Control Module Programming Read Only Memory (ROM)
DTC P0606 Control Module Internal Performance
DTC P0608 Control Module VSS Output "A" Malfunction
DTC P0609 Control Module VSS Output "B" Malfunction
DTC P0615 Starter Relay Control Circuit
DTC P0620 Generator Control Circuit Malfunction
DTC P0621 Generator L-Terminal Circuit
DTC P0622 Generator F-Terminal Circuit
DTC P0650 Malfunction Indicator Lamp (MIL) Control Circuit
DTC P0654 Engine RPM Output Circuit Malfunction
DTC P0655 Engine Hot Lamp Output Control Circuit Malfunction
DTC P0656 Fuel Level Output Circuit Malfunction
DTC P0700 Transmission Control System Malfunction
DTC P0701 Transmission Control System Range/Performance
DTC P0702 Transmission Control System Electrical
DTC P0703 Brake Switch Circuit Malfunction
DTC P0704 Clutch Switch Input Circuit Malfunction
DTC P0705 Trans Range Switch Circuit
DTC P0706 Trans Range Switch Performance
DTC P0707 Transmission Range Sensor Circuit Low Input
DTC P0708 Transmission Range Sensor Circuit High Input
DTC P0709 Transmission Range Sensor Circuit Intermittent
DTC P0710 Transmission Fluid Temperature Sensor Circuit Malfunction
DTC P0711 TFT Sensor Circuit Range/Performance
DTC P0712 Transmission Fluid Temperature (TFT) Sensor Circuit Low Input
DTC P0713 Transmission Fluid Temperature (TFT) Sensor Circuit High Input
DTC P0714 Transmission Fluid Temperature Sensor Circuit Intermittent
DTC P0715 Input/Turbine Speed Sensor Circuit Malfunction
DTC P0716 Input Speed Sensor Circuit Intermittent
DTC P0717 Input Speed Sensor Circuit Low Input
DTC P0718 Input/Turbine Speed Sensor Circuit Intermittent
DTC P0719 Brake Switch Circuit Low Input
DTC P0720 Output Speed Sensor Circuit Malfunction
DTC P0721 Output Speed Sensor Range/Performance
DTC P0722 Output Speed Sensor Circuit Low Input
DTC P0723 Output Speed Sensor Intermittent

DTC P0724 Brake Switch Circuit High Input
DTC P0725 Engine Speed Input Circuit
DTC P0726 Engine Speed Input Circuit Range/Performance
DTC P0727 Engine Speed Circuit No Signal
DTC P0728 Engine Speed Input Circuit Intermittent
DTC P0730 Incorrect Gear Ratio
DTC P0731 Incorrect 1st Gear Ratio
DTC P0732 Incorrect 2nd Gear Ratio
DTC P0733 Incorrect 3rd Gear Ratio
DTC P0734 Incorrect 4th Gear Ratio
DTC P0735 Gear 5 Incorrect ratio
DTC P0736 Reverse incorrect gear ratio
DTC P0740 TCC Enable Solenoid Circuit Electrical
DTC P0741 TCC System Stuck Off
DTC P0742 TCC System Stuck On
DTC P0743 TCC Enable Solenoid Circuit Electrical
DTC P0744 Torque Converter Clutch Circuit Intermittent
DTC P0745 Pressure Control Solenoid Malfunction
DTC P0746 Pressure Control Solenoid Performance or Stuck Off
DTC P0747 Pressure Control Solenoid Stuck On
DTC P0748 Pressure Control Solenoid Circuit Electrical
DTC P0749 Pressure Control Solenoid Intermittent
DTC P0750 Shift Solenoid A Malfunction
DTC P0751 1-2 Shift Solenoid Valve Performance - No First or Fourth Gear
DTC P0752 1-2 Shift Solenoid Valve Performance - No Second or Third Gear
DTC P0753 1-2 Shift Solenoid Circuit Electrical
DTC P0754 Shift Solenoid A Intermittent
DTC P0755 Shift Solenoid B Malfunction
DTC P0756 2-3 Shift Solenoid Valve Performance - No First or Second Gear
DTC P0757 2-3 Shift Solenoid Valve Performance - No Third or Fourth Gear
DTC P0758 2-3 Shift Solenoid Circuit Electrical
DTC P0759 Shift Solenoid B Intermittent
DTC P0760 Shift Solenoid C Malfunction
DTC P0761 Shift Solenoid C Performance or Stuck Off
DTC P0762 Shift Solenoid C Stuck On
DTC P0763 Shift Solenoid C Electrical
DTC P0764 Shift Solenoid C Intermittent
DTC P0765 Shift Solenoid D Malfunction
DTC P0766 Shift Solenoid D Performance or Stuck Off
DTC P0767 Shift Solenoid D Stuck On
DTC P0768 Shift Solenoid D Electrical
DTC P0769 Shift Solenoid D Intermittent
DTC P0770 Shift Solenoid E Malfunction
DTC P0771 Shift Solenoid E Performance or Stuck Off
DTC P0772 Shift Solenoid E Stuck On
DTC P0773 Shift Solenoid E Electrical
DTC P0774 Shift Solenoid E Intermittent
DTC P0780 Shift Malfunction
DTC P0781 1-2 Shift Malfunction
DTC P0782 2-3 Shift Malfunction
DTC P0783 3-4 Shift Malfunction
DTC P0784 4-5 Shift Malfunction
DTC P0785 3-2 Shift Solenoid Circuit Electrical
DTC P0786 Shift/Timing Solenoid Range/Performance
DTC P0787 Shift/Timing Solenoid Low
DTC P0788 Shift/Timing Solenoid High
DTC P0789 Shift/Timing Solenoid Intermittent
DTC P0790 Normal/Performance Switch Circuit Malfunction
DTC P0801 Reverse Inhibit Control Circuit Malfunction
DTC P0803 1-4 Upshift (Skip Shift) Solenoid Control Circuit Malfunction
DTC P0804 1-4 Upshift (Skip Shift) Lamp Control Circuit Malfunction
DTC P1031 HO2S Heater Current Monitor Control Circuit Banks 1 and 2 Sensor 1

DTC P1032 HO2S Heater Warm Up Control Circuit Banks 1 and 2 Sensor 1
DTC P1105 Secondary Vacuum Sensor Circuit
DTC P1106 Manifold Absolute Pressure (MAP) Sensor Circuit Intermittent High Voltage
DTC P1107 Manifold Absolute Pressure (MAP) Sensor Circuit Intermittent Low Voltage
DTC P1108 BARO to MAP Sensor Comparison Too High
DTC P1109 Secondary Port Throttle System
DTC P1111 Intake Air Temperature (IAT) Sensor Circuit Intermittent High Voltage
DTC P1112 Intake Air Temperature (IAT) Sensor Circuit Intermittent Low Voltage
DTC P1113 Intake Resonance Switchover Solenoid Control Circuit
DTC P1114 Engine Coolant Temperature (ECT) Sensor Circuit Intermittent Low Voltage
DTC P1115 Engine Coolant Temperature (ECT) Sensor Circuit Intermittent High Voltage
DTC P1116 ECT Signal Unstable or Intermittent
DTC P1117 Engine Coolant Temp. Signal Out-Of-Range Low
DTC P1118 Engine Coolant Temp. Signal Out-Of-Range High
DTC P1119 ECT Signal Out-Of-Range With TFT Sensor
DTC P1120 Throttle Position (TP) Sensor 1 Circuit
DTC P1121 Throttle Position (TP) Sensor Circuit Intermittent High Voltage
DTC P1122 Throttle Position (TP) Sensor Circuit Intermittent Low Voltage
DTC P1125 APP System
DTC P1130 HO2S Circuit Low Variance Bank 1 Sensor 1
DTC P1131 HO2S Circuit Low Variance Bank 1 Sensor 2
DTC P1132 HO2S Circuit Low Variance Bank 2 Sensor 1
DTC P1133 HO2S Insufficient Switching Bank 1 Sensor 1
DTC P1134 HO2S Transition Time Ratio Bank 1 Sensor 1
DTC P1135 HO2S Lean Mean Bank 1 Sensor 1
DTC P1136 HO2S Rich Mean Bank 1 Sensor 1
DTC P1137 HO2S Bank 1 Sensor 2 Lean System or Low Voltage
DTC P1138 HO2S Bank 1 Sensor 2 Rich or High Voltage
DTC P1139 HO2S Insuff. Switching Bank 1 Sensor 2
DTC P1140 HO2S Transition Time Ratio Bank 1 Sensor 2
DTC P1141 HO2S Heater Control Circuit Bank 1 Sensor 2
DTC P1143 HO2S Bank 1 Sensor 3 Lean System or Low Voltage
DTC P1144 HO2S Bank 1 Sensor 3 Rich or High Voltage
DTC P1145 HO2S Cross Counts Bank 1 Sensor 3
DTC P1153 HO2S Insufficient Switching Bank 2 Sensor 1
DTC P1154 HO2S Transition Time Ratio Bank 2 Sensor 1
DTC P1155 HO2S Lean Mean Bank 2 Sensor 1
DTC P1156 HO2S Rich Mean Bank 2 Sensor 1
DTC P1157 HO2S Bank 2 Sensor 2 Lean System or Low Voltage
DTC P1158 HO2S Bank 2 Sensor 2 Rich or High Voltage
DTC P1159 HO2S Cross Counts Bank 2 Sensor 2
DTC P1161 HO2S Heater Control Circuit Bank 2 Sensor 2
DTC P1163 HO2S Bank 2 Sensor 3 Lean System or Low Voltage
DTC P1164 HO2S Bank 2 Sensor 3 Rich or High Voltage
DTC P1165 HO2S Cross Counts Bank 2 Sensor 3
DTC P1170 Bank to Bank Fuel TrimOffset
DTC P1171 Fuel System Lean During Acceleration
DTC P1185 Engine Oil Temperature Circuit
DTC P1186 EOT Circuit Performance
DTC P1187 EOT Sensor Ckt. Low Voltage
DTC P1188 EOT Sensor Ckt. High Voltage
DTC P1189 Engine Oil Pressure (EOP) Switch Circuit
DTC P1190 Engine Vacuum Leak
DTC P1191 Intake Air Duct Air Leak
DTC P1200 Injector Control Circuit
DTC P1201 (Alt. Fuel) Gas Mass Sensor Circuit Range/Performance
DTC P1202 (Alt. Fuel) Gas Mass Sensor Circuit Low Frequency
DTC P1203 (Alt. Fuel) Gas Mass Sensor Circuit High Frequency
DTC P1211 Mass Air Flow Circuit Intermittent High
DTC P1212 Mass Air Flow Circuit Intermittent Low
DTC P1214 Injection Pump Timing Offset
DTC P1215 Ground Fault Detection Indicated

DTC P1216 Fuel Solenoid Response Time Too Short
DTC P1217 Fuel Solenoid Response Time Too Long
DTC P1218 Injection Pump Calibration Circuit
DTC P1219 Throttle Position Sensor Reference Voltage
DTC P1220 Throttle Position (TP) Sensor 2 Circuit
DTC P1221 Fuel Pump Secondary Circuit Low
DTC P1222 Injector Control Circuit Intermittent
DTC P1225 Injector Circuit Cylinder 2 Intermittent
DTC P1228 Injector Circuit Cylinder 3 Intermittent
DTC P1231 Injector Circuit Cylinder 4 Intermittent
DTC P1234 Injector Circuit Cylinder 5 Intermittent
DTC P1237 Injector Circuit Cylinder 6 Intermittent
DTC P1240 Injector Circuit Cylinder 7 Intermittent
DTC P1243 Injector Circuit Cylinder 8 Intermittent
DTC P1245 Intake Plenum Switchover Valve
DTC P1250 Early Fuel Evaporation Heater Circuit
DTC P1257 Supercharger System Overboost
DTC P1258 Engine Coolant Overtemperature - Protection Mode Active
DTC P1260 Last Test Failed Failed SCC ENTER:More Info.
DTC P1270 Accelerator Pedal Position Sensor A/D Converter Error
DTC P1271 Accelerator Pedal Position (APP) Sensor 1-2 Correlation
DTC P1272 Accelerator Pedal Position Sensor 2
DTC P1273 "Accelerator Pedal Position Sensor 1
DTC P1274 Injectors Wired Incorrectly
DTC P1275 Accelerator Pedal Position (APP) Sensor 1 Circuit
DTC P1276 Accelerator Pedal Position Sensor 1 Circuit Performance
DTC P1277 Accelerator Pedal Position Sensor 1 Circuit Low Voltage
DTC P1278 Accelerator Pedal Position Sensor 1 Circuit High Voltage
DTC P1280 Accelerator Pedal Position (APP) Sensor 2 Circuit
DTC P1281 Accelerator Pedal Position Sensor 2 Circuit Performance
DTC P1282 Accelerator Pedal Position Sensor 2 Circuit Low Voltage
DTC P1283 Accelerator Pedal Position Sensor 2 Circuit High Voltage
DTC P1285 Accelerator Pedal Position Sensor 3 Circuit
DTC P1286 Accelerator Pedal Position Sensor 3 Circuit Performance
DTC P1287 Accelerator Pedal Position Sensor 3 Circuit Low Voltage
DTC P1288 Accelerator Pedal Position Sensor 3 Circuit High Voltage
DTC P1300 Ignitor Circuit
DTC P1305 Ignition Coil 2 Primary Feedback Circuit
DTC P1310 Ignition Coil 3 Primary Feedback Circuit
DTC P1315 Ignition Coil 4 Primary Feedback Circuit
DTC P1320 IC 4X Reference Circuit Intermittent
DTC P1321 Electronic Ignition System Fault Line
DTC P1322 EI System or Ignition Control Extra or Missing
DTC P1323 IC 24X Reference Circuit Low Frequency
DTC P1324 Crank RPM Too Low
DTC P1335 CKP Circuit
DTC P1336 Crankshaft Position (CKP) System Variation Not Learned
DTC P1345 Crankshaft Position (CKP)-Camshaft Position (CMP) Correlation
DTC P1346 Intake Camshaft Position [CMP] Sensor System Performance
DTC P1350 Ignition Control System
DTC P1351 Ignition Coil Control Circuit High Voltage
DTC P1352 IC Output High/Pulse Detected when GND_Cyl. 2
DTC P1353 IC Output High/Pulse Detected when GND_Cyl. 3
DTC P1354 IC Output High/Pulse Detected when GND_Cyl. 4
DTC P1355 IC Output High/Pulse Detected when GND_Cyl. 5
DTC P1356 IC Output High/Pulse Detected when GND_Cyl. 6
DTC P1357 IC Output High/Pulse Detected when GND_Cyl. 7
DTC P1358 IC Output High/Pulse Detected when GND_Cyl. 8
DTC P1359 Ignition Coil Group 1 Control Circuit
DTC P1360 Ignition Coil Group 2 Control Circuit
DTC P1361 Ignition Coil Control Circuit Low Voltage
DTC P1362 IC Cylinder 2 Not Toggling After Enable

DTC P1363 IC Cylinder 3 Not Toggling After Enable
DTC P1364 IC Cylinder 4 Not Toggling After Enable
DTC P1365 IC Cylinder 5 Not Toggling After Enable
DTC P1366 IC Cylinder 6 Not Toggling After Enable
DTC P1367 IC Cylinder 7 Not Toggling After Enable
DTC P1368 IC Cylinder 8 Not Toggling After Enable
DTC P1370 IC 4X Reference Circuit Too Many Pulses
DTC P1371 IC 4X Reference Circuit Too Few Pulses
DTC P1372 Crankshaft Position (CKP) Sensor A-B Correlation
DTC P1374 3X Reference Circuit
DTC P1375 IC 24X Reference Circuit High Voltage
DTC P1376 Ignition Ground Circuit
DTC P1377 IC Cam Pulse To 4X Reference Pulse
DTC P1380 Misfire Detected - Rough Road Data Not Available
DTC P1381 Misfire Detected - No Communication with Brake Control Module
DTC P1390 Wheel Speed Sensor 1 - G - Sensor Circuit
DTC P1391 Wheel Speed Sensor 1 - G - Sensor Circuit Performance
DTC P1392 Wheel Speed Sensor 1 - G - Sensor Circuit Low Voltage
DTC P1393 Wheel Speed Sensor 1 - G - Sensor Circuit High Voltage
DTC P1394 Wheel Speed Sensor 1 - G - Sensor Circuit Intermittent
DTC P1395 Wheel Speed Sensor 2 - G - Sensor Circuit
DTC P1396 Wheel Speed Sensor 2 - G - Sensor Circuit Performance
DTC P1397 Wheel Speed Sensor 2 - G - Sensor Circuit Low Voltage
DTC P1398 Wheel Speed Sensor 2 - G - Sensor Circuit High Voltage
DTC P1399 Wheel Speed Sensor 2 - G - Sensor Circuit Intermittent
DTC P1403 Exhaust Gas Recirculation System Valve 1
DTC P1404 Exhaust Gas Recirculation (EGR) Closed Position Performance
DTC P1405 Exhaust Gas Recirculation System Valve 3
DTC P1406 EGR Valve Pintle Position Circuit
DTC P1407 EGR Air Intrusion in Exhaust Supply to EGR Valve
DTC P1408 Intake Manifold Pressure Sensor Circuit
DTC P1409 EGR Vacuum System Leak
DTC P1410 Fuel Tank Pressure System
DTC P1415 Secondary Air Injection (AIR) System Bank 1
DTC P1416 Secondary Air Injection (AIR) System Bank 2
DTC P1418 Secondary Air Injection System Relay A Control Circuit High
DTC P1420 Intake Air Low Pressure Switch Circuit Low Voltage
DTC P1421 Intake Air Low Pressure Switch Circuit High Voltage
DTC P1423 Intake Air High Pressure Switch Circuit High Voltage
DTC P1431 Fuel Level Sensor 2 Circuit Performance
DTC P1432 Fuel Level Sensor 2 Circuit Low Voltage
DTC P1433 Fuel Level Sensor 2 Circuit High Voltage
DTC P1441 Evaporative Emission (EVAP) System Flow During Non-Purge
DTC P1442 EVAP Vacuum Sw. High Voltage During Ign. On
DTC P1450 Barometric Pressure Sensor Circuit
DTC P1451 Barometric Press. Sensor Performance
DTC P1460 Cooling Fan Control System
DTC P1460 Misfire Detected With Low Fuel Level
DTC P1480 Cooling Fan 1 Control Circuit High
DTC P1483 Engine Cooling System Performance
DTC P1500 Starter Signal Circuit
DTC P1501 Theft Deterrent System
DTC P1501 Vehicle Speed Sensor Circuit Intermittent
DTC P1502 Theft Deterrent Fuel Enable Signal Not Received
DTC P1503 Theft Deterrent Fuel Enable Signal Not Correct
DTC P1504 Vehicle Speed Output Circuit
DTC P1508 Idle Speed Low - Idle Air Control (IAC) System Not Responding
DTC P1509 Idle Speed High - Idle Air Control (IAC) System Not Responding
DTC P1510 Throttle Control System Performance - Throttle Limitation Active
DTC P1511 Throttle Control System - Backup System Performance
DTC P1514 Airflow to TP Sensor Correlation High
DTC P1515 Electronic Throttle System Throttle Position

DTC P1516 Throttle Actuator Control (TAC) Module Throttle Actuator Position Performance
DTC P1517 Electronic Throttle Module
DTC P1518 Electronic Throttle Module to PCM Communication
DTC P1519 Throttle Actuator Control (TAC) Module Internal Circuit
DTC P1520 Transmission Range Switch Circuit
DTC P1521 Transmission Engaged at High Throttle Angle
DTC P1522 Park/Neutral to Drive/Reverse at High RPM
DTC P1523 Throttle Closed Position Performance
DTC P1524 Throttle Closed Position Performance
DTC P1525 Throttle Body ServiceRequired
DTC P1526 Minimum Throttle Position Not Learned
DTC P1527 Transmission Range to Pressure Switch Correlation
DTC P1528 Governor
DTC P1529 Heated Windshield Request Problem
DTC P1530 Throttle Actuator Control (TAC) Module Internal Circuit
DTC P1531 A/C Low Side Temperature Sensor Fault
DTC P1532 A/C Evaporator Temp. Sens. Ckt. Low Voltage
DTC P1533 A/C Evaporator Temp. Sens. Ckt. High Voltage
DTC P1534 A/C High Side Temp. Sensor Low Voltage
DTC P1535 A/C High Side Temperature Sensor Circuit
DTC P1536 Engine Coolant Overtemperature - Air Conditioning (A/C) Disabled
DTC P1537 A/C Request Circuit Low Voltage
DTC P1538 A/C Request Circuit High Voltage
DTC P1539 A/C Clutch Status Circuit High Voltage
DTC P1540 Air Conditioning (A/C) Refrigerant Overpressure - Air Conditioning (A/C) Disabled
DTC P1541 A/C High Side Over Temperature
DTC P1542 A/C System High Pressure High Temperature
DTC P1543 A/C System Performance
DTC P1544 A/C Refrigerant Condition Very Low
DTC P1545 Air Conditioning (A/C) Clutch Relay Control Circuit
DTC P1546 A/C Clutch Status Circuit Low Voltage
DTC P1547 A/C System Performance Degraded
DTC P1548 A/C Recirculation Circuit
DTC P1554 Cruise Control Feedback Circuit
DTC P1555 Electronic Variable Orifice Output
DTC P1558 Cruise Control Servo Indicates Low
DTC P1559 Cruise Control Power Management Mode
DTC P1560 Transaxle Not in Drive - Cruise Control Disabled
DTC P1561 Cruise Vent Solenoid
DTC P1562 Cruise Vacuum Solenoid
DTC P1563 Cruise Vehicle Speed/Set Speed Difference Too High
DTC P1564 Vehicle Acceleration Too High - Cruise Control Disabled
DTC P1565 Cruise Servo Position Sensor
DTC P1566 Engine RPM Too High - Cruise Control Disabled
DTC P1567 Active Banking Control Active - Cruise Control Disabled
DTC P1568 Cruise Servo Stroke Greater than Commanded in Cruise
DTC P1569 Cruise Servo Stroke High While not in Cruise
DTC P1570 Traction Control Active - Cruise Control Disabled
DTC P1571 Traction Control Torque Request Circuit
DTC P1572 ASR Active Circuit Low Too Long
DTC P1573 PCM/EBTCM Serial Data Circuit
DTC P1574 Stoplamp Switch Circuit
DTC P1575 Extended Travel Brake Switch Circuit
DTC P1576 BBV Sensor Ckt. High Voltage
DTC P1577 BBV Sensor Ckt. Low Voltage
DTC P1578 BBV Sensor Ckt. Low Vacuum
DTC P1579 P/N to D/R at High Throttle Angle - Power Reduction Mode Active
DTC P1580 Cruise Move Circuit Low Voltage
DTC P1581 Cruise Move Circuit High Voltage
DTC P1582 Cruise Direction Circuit Low Voltage
DTC P1583 Cruise Direction CircuitHigh Voltage
DTC P1584 Cruise Control Disabled

DTC P1585 Cruise Control Inhibit Output Circuit
DTC P1586 Cruise Control Brake Switch 2 Circuit
DTC P1587 Cruise Control Clutch Control Circuit Low
DTC P1588 Cruise Control Clutch Control Circuit High
DTC P1599 Engine Stall or Near Stall Detected
DTC P1600 TCM Internal Watchdog Operation
DTC P1601 Serial Comm. Problem With Device 1
DTC P1602 Knock Sensor (KS) Module Performance
DTC P1603 Loss of SDM Serial Data
DTC P1604 Loss of IPC Serial Data
DTC P1605 Loss of HVAC Serial Data
DTC P1606 Serial Communication Problem With Device 6
DTC P1607 Serial Communication Problem With Device 7
DTC P1608 Serial Communication Problem With Device 8
DTC P1609 Loss Of TCS Serial Data
DTC P1610 Loss of PZM Serial Data
DTC P1611 Loss of CVRTD Serial Data
DTC P1612 Loss of IPM Serial Data
DTC P1613 Loss of DIM Serial Data
DTC P1614 Loss of RIM Serial Data
DTC P1615 Loss of VTD Serial Data
DTC P1617 Engine Oil Level Switch Circuit
DTC P1619 Engine Oil Life Monitor Reset Circuit
DTC P1620 Low Coolant Circuit
DTC P1621 Control Module Long Term Memory Performance
DTC P1622 Cylinder Select
DTC P1623 Transmission Temp Pull-Up Resistor
DTC P1624 Customer Snapshot Requested - Data Available
DTC P1625 TCM System Reset
DTC P1626 Theft Deterrent Fuel Enable Signal Not Received
DTC P1627 A/D Performance
DTC P1628 ECT Pull-Up Resistor
DTC P1629 Theft Deterrent System - Cranking Signal
DTC P1630 Theft Deterrent Learn Mode Active
DTC P1631 Theft Deterrent Start Enable Signal Not Correct
DTC P1632 Theft Deterrent Fuel Disable Signal Received
DTC P1633 Ignition 0 Switch Circuit
DTC P1634 Ignition 1 Switch Circuit
DTC P1635 5 Volt Reference Circuit
DTC P1636 PCM Stack Overrun
DTC P1637 Generator L-Terminal Circuit
DTC P1638 Generator F-Terminal Circuit
DTC P1639 5 Volt Reference 2 Circuit
DTC P1640 Driver-1-Input High Voltage
DTC P1641 Malfunction Indicator Lamp (MIL) Control Circuit
DTC P1642 Vehicle Speed Output Circuit
DTC P1643 Engine Speed Output Circuit
DTC P1644 Traction Control Delivered Torque Output Circuit
DTC P1645 Evaporative Emission (EVAP) Vent Solenoid Control Circuit
DTC P1646 Evaporative Emission (EVAP) Vent Solenoid Control Circuit
DTC P1647 Driver 1 Line 7
DTC P1650 Control Module Output B Circuit
DTC P1651 Fan 1 Relay Control Circuit
DTC P1652 Powertrain Induced Chassis Pitch Output Circuit
DTC P1653 Oil Level Lamp Control Circuit
DTC P1654 Cruise Control Inhibit Output Circuit
DTC P1655 EVAP Purge Solenoid Control Circuit
DTC P1656 Driver 2 Line 6
DTC P1657 1-4 Upshift Solenoid Control Circuit
DTC P1658 Starter Enable Relay Control Circuit
DTC P1660 Cooling Fan Control Circuits
DTC P1661 MIL Control Circuit

DTC P1662 Cruise Lamp Control Circuit
DTC P1663 Oil Life Lamp Control Circuit
DTC P1664 1-4 Upshift Lamp Control Circuit
DTC P1665 Driver 3 Line 5
DTC P1666 Driver 3 Line 6
DTC P1667 Reverse Inhibit Solenoid Control Circuit
DTC P1669 ABS Unit Expected
DTC P1670 Driver 4
DTC P1671 Driver 4 Line 1
DTC P1672 Low Engine Oil Level Lamp Control Circuit
DTC P1673 Engine Hot Lamp Control Circuit
DTC P1674 Tachometer Control Circuit
DTC P1675 EVAP Vent Solenoid Control Circuit
DTC P1676 Driver 4 Line 6
DTC P1677 Driver 4 Line 7
DTC P1680 Driver 5
DTC P1681 Driver 5 Line 1
DTC P1682 Driver 5 Line 2
DTC P1683 Driver 5 Line 3
DTC P1684 Driver 5 Line 4
DTC P1685 Driver 5 Line 5
DTC P1686 Driver 5 Line 6
DTC P1687 Driver 5 Line 7
DTC P1689 Delivered Torque Circuit Fault
DTC P1690 ECM Loop Overrun
DTC P1691 Coolant Gage Circuit Low Voltage
DTC P1692 Coolant Gage Circuit High Voltage
DTC P1693 Tachometer Circuit Low Voltage
DTC P1694 Tachometer Circuit High Voltage
DTC P1695 Remote Keyless Entry Circuit Low
DTC P1696 Remote Keyless Entry Voltage High
DTC P1700 Transmission Control Module (TCM) Requested MIL Illumination
DTC P1701 Trans. MIL Request Circuit
DTC P1705 P/N Signal Output Circuit
DTC P1740 Torque Reduction Signal Circuit
DTC P1743 TP Signal from ECM
DTC P1760 TCM Supply Voltage Interrupted
DTC P1779 Engine Torque Delivered to TCM Signal
DTC P1780 Park/Neutral Position [PNP] Switch Circuit
DTC P1781 Engine Torque Signal Circuit
DTC P1790 Transmission Control Module Checksum
DTC P1791 Transmission Control Module Loop
DTC P1792 Transmission Control Module Reprogrammable Memory
DTC P1792 ECM to TCM Engine Coolant Signal
DTC P1793 Transmission Control Module Stack Overrun
DTC P1795 CAN Bus - Throttle Body Position
DTC P1800 TCM Power Relay Control Circuit
DTC P1801 Performance Selector Switch Failure
DTC P1804 Ground Control Relay
DTC P1810 TFP Valve Position Switch Circuit
DTC P1811 Maximum Adapt and Long Shift
DTC P1812 Transmission Over Temperature Condition
DTC P1813 Torque Control
DTC P1814 Torque Converter Overstressed
DTC P1815 Transmission Range Switch - Start In Wrong Range
DTC P1816 TFP Valve Position Sw. - Park/Neu. With Drive Ratio
DTC P1817 TFP Valve Position Sw. - Reverse With Drive Ratio
DTC P1818 TFP Valve Position Sw. - Drive Without Drive Ratio
DTC P1819 Internal Mode Switch - No Start\Wrong Range
DTC P1820 Internal Mode Switch Circuit A Low
DTC P1822 Internal Mode Switch Circuit B High
DTC P1823 Internal Mode Switch Circuit P Low

DTC P1825 Internal Mode Switch - Invalid Range
DTC P1826 Internal Mode Switch Circuit C - High
DTC P1831 PC Solenoid Power Circuit - Low Voltage
DTC P1833 A/T Solenoids Power Circuit - Low Voltage
DTC P1835 Kick-Down Switch Circuit
DTC P1836 Kick-Down Switch Failed Open
DTC P1837 Kick-Down Switch Failed Short
DTC P1842 1-2 Shift Solenoid Circuit Low Voltage
DTC P1843 1-2 Shift Solenoid Circuit High Voltage
DTC P1844 Torque Reduction Signal Circuit Desired By TCM
DTC P1845 2-3 Shift Solenoid Circuit Low Voltage
DTC P1847 2-3 Shift Solenoid Circuit High Voltage
DTC P1850 Brake Band Apply Solenoid Circuit
DTC P1851 Brake Band Apply Solenoid Performance
DTC P1852 Brake Band Apply SolenoidLow Voltage
DTC P1853 Brake Band Apply Solenoid High Voltage
DTC P1860 TCC PWM Solenoid Circuit Electrical
DTC P1864 Torque Converter Clutch Circuit
DTC P1868 Transmission Fluid Life
DTC P1870 Transmission Component Slipping
DTC P1871 Undefined Gear Ratio
DTC P1873 TCC Stator Temp. Switch Circuit Low
DTC P1874 TCC Stator Temp. Switch Circuit High
DTC P1875 4WD Low Switch Circuit Electrical
DTC P1884 TCC Enable/Shift Light Circuit
DTC P1886 Shift Timing Solenoid
DTC P1887 TCC Release Switch Circuit
DTC P1890 ECM Data Input Circuit
DTC P1890 Throttle Position Signal Input
DTC P1891 Throttle Position Sensor PWM Signal Low
DTC P1892 Throttle Position Sensor PWM Signal High
DTC P1893 Engine Torque Signal Low Voltage
DTC P1894 Engine Torque Signal High Voltage
DTC P1895 TCM to ECM Torque Reduction Circuit

Network Codes:

DTC U1000 Class 2 Communication Malfunction
DTC U1001-U1254 Loss of XXX Communications
DTC U1002 Loss of serial communications for class 2 devices
DTC U1003 Loss of serial communications for class 2 devices
DTC U1004 Loss of serial communications for class 2 devices
DTC U1005 Loss of serial communications for class 2 devices
DTC U1006 Loss of serial communications for class 2 devices
DTC U1007 Loss of serial communications for class 2 devices
DTC U1008 Loss of serial communications for class 2 devices
DTC U1009 Loss of serial communications for class 2 devices
DTC U1010 Loss of serial communications for class 2 devices
DTC U1011 Loss of serial communications for class 2 devices
DTC U1012 Loss of serial communications for class 2 devices
DTC U1013 Loss of serial communications for class 2 devices
DTC U1014 Loss of serial communications for class 2 devices
DTC U1015 Loss of serial communications for class 2 devices
DTC U1016 Loss of Class 2 Communication with VCM
DTC U1016 Loss of Communications with PCM
DTC U1017 Loss of serial communications for class 2 devices
DTC U1018 Loss of serial communications for class 2 devices
DTC U1019 Loss of serial communications for class 2 devices
DTC U1020 Loss of serial communications for class 2 devices
DTC U1021 Loss of serial communications for class 2 devices
DTC U1022 Loss of serial communications for class 2 devices
DTC U1023 Loss of serial communications for class 2 devices

DTC U1024 Loss of serial communications for class 2 devices
DTC U1025 Loss of serial communications for class 2 devices
DTC U1026 Loss of ATC Class 2 Communication
DTC U1027 Loss of serial communications for class 2 devices
DTC U1028 Loss of serial communications for class 2 devices
DTC U1029 Loss of serial communications for class 2 devices
DTC U1030 Loss of serial communications for class 2 devices
DTC U1031 Loss of serial communications for class 2 devices
DTC U1032 Loss of serial communications for class 2 devices
DTC U1033 Loss of serial communications for class 2 devices
DTC U1034 Loss of serial communications for class 2 devices
DTC U1035 Loss of serial communications for class 2 devices
DTC U1036 Loss of serial communications for class 2 devices
DTC U1037 Loss of serial communications for class 2 devices
DTC U1038 Loss of Serial Communications for Class 2 Devices
DTC U1039 Loss of Serial Communications for Class 2 Devices
DTC U1040 Loss of Class 2 Communications with ABS
DTC U1041 Loss of EBCM Communication
DTC U1042 Lost Communications with Brake/Traction Control System
DTC U1043 Loss of Serial Communications for Class 2 Devices
DTC U1044 Loss of Serial Communications for Class 2 Devices
DTC U1045 Loss of Serial Communications for Class 2 Devices
DTC U1046 Loss of Serial Communications for Class 2 Devices
DTC U1047 Loss of Serial Communications for Class 2 Devices
DTC U1048 Loss of Serial Communications for Class 2 Devices
DTC U1049 Loss of Serial Communications for Class 2 Devices
DTC U1050 Loss of Serial Communications for Class 2 Devices
DTC U1051 Loss of Serial Communications for Class 2 Devices
DTC U1052 Loss of Serial Communications for Class 2 Devices
DTC U1053 Loss of Serial Communications for Class 2 Devices
DTC U1054 Loss of Serial Communications for Class 2 Devices
DTC U1055 Loss of Serial Communications for Class 2 Devices
DTC U1056 Loss of Communications with RSS
DTC U1057 Loss of Serial Communications for Class 2 Devices
DTC U1058 Loss of Serial Communications for Class 2 Devices
DTC U1059 Loss of Serial Communications for Class 2 Devices
DTC U1060 Loss of Serial Communications for Class 2 Devices
DTC U1161 Loss of PDM Serial Data
DTC U1062 Loss of Serial Communications for Class 2 Devices
DTC U1163 Loss of RRDM Serial Data
DTC U1064 Loss of Communications with DIM
DTC U1065 Loss of Communications with IPM
DTC U1066 Loss of Communications with RIM
DTC U1067 Loss of Serial Communications for Class 2 Devices
DTC U1068 Loss of Serial Communications for Class 2 Devices
DTC U1069 Loss of Serial Communications for Class 2 Devices
DTC U1170 Loss of Driver Door Sw Asm Serial Data
DTC U1071 Loss of Serial Communications for Class 2 Devices
DTC U1072 Loss of Serial Communications for Class 2 Devices
DTC U1073 Loss of Serial Communications for Class 2 Devices
DTC U1074 Loss of Serial Communications for Class 2 Devices
DTC U1075 Loss of Serial Communications for Class 2 Devices
DTC U1076 Loss of Serial Communications for Class 2 Devices
DTC U1077 Loss of Serial Communications for Class 2 Devices
DTC U1078 Loss of Serial Communications for Class 2 Devices
DTC U1079 Loss of Serial Communications for Class 2 Devices
DTC U1080 Loss of Serial Communications for Class 2 Devices
DTC U1081 Loss of Serial Communications for Class 2 Devices
DTC U1082 Loss of Serial Communications for Class 2 Devices
DTC U1083 Loss of Serial Communications for Class 2 Devices
DTC U1084 Loss of Serial Communications for Class 2 Devices
DTC U1085 Loss of Serial Communications for Class 2 Devices

DTC U1148 Loss of serial communications for class 2 devices
DTC U1149 Loss of serial communications for class 2 devices
DTC U1150 Loss of serial communications for class 2 devices
DTC U1151 Loss of serial communications for class 2 devices
DTC U1152 Loss Of ACM Serial Data Communication
DTC U1152 Loss of Data HCM
DTC U1153 Loss of Communications with CCP
DTC U1154 Loss of serial communications for class 2 devices
DTC U1155 Loss of serial communications for class 2 devices
DTC U1156 Loss of serial communications for class 2 devices
DTC U1157 Loss of serial communications for class 2
DTC U1158 Loss of serial communications for class 2 devices
DTC U1159 Loss of serial communications for class 2 devices
DTC U1160 Loss of Communications with DDM
DTC U1161 Loss of PASS Door Module SBI
DTC U1162 Loss of Rear Driver Door Module SBI
DTC U1163 Loss of Rear PASS Door Module SBI
DTC U1164 Loss Of DIM Serial Data Communication
DTC U1165 Loss of serial communications for class 2 devices
DTC U1166 Loss of Communications with SCM
DTC U1167 Loss of serial communications for class 2 devices
DTC U1168 Loss Of TTM Communications
DTC U1169 Loss of Communications with MMM
DTC U1170 Loss of Driver Door Switch SBI
DTC U1171 Loss of serial communications for class 2 devices
DTC U1172 Loss of serial communications for class 2 devices
DTC U1173 Loss of serial communications for class 2 devices
DTC U1174 Loss of serial communications for class 2 devices
DTC U1175 Loss of serial communications for class 2 devices
DTC U1176 Loss Of RFA Communications
DTC U1177 Loss of serial communications for class 2 devices
DTC U1178 Loss of serial communications for class 2 devices
DTC U1179 Loss of serial communications for class 2 devices
DTC U1180 Loss of serial communications for class 2 devices
DTC U1181 Loss of serial communications for class 2 devices
DTC U1182 Loss of serial communications for class 2 devices
DTC U1183 Loss of serial communications for class 2 devices
DTC U1184 Loss of serial communications for class 2 devices
DTC U1185 Loss of serial communications for class 2 devices
DTC U1186 Loss of serial communications for class 2 devices
DTC U1187 Loss of serial communications for class 2 devices
DTC U1188 Loss of serial communications for class 2 devices
DTC U1189 Loss of serial communications for class 2 devices
DTC U1190 Loss of serial communications for class 2 devices
DTC U1191 Loss of serial communications for class 2 devices
DTC U1192 Loss of VTD Class 2 Serial Data Com
DTC U1193 Loss of VIM Class 2 Communication
DTC U1194 Loss of serial communications for class 2 devices
DTC U1195 Loss of serial communications for class 2 devices
DTC U1196 Loss of serial communications for class 2 devices
DTC U1197 Loss of serial communications for class 2 devices
DTC U1198 Loss of serial communications for class 2 devices
DTC U1199 Loss of serial communications for class 2 devices
DTC U1200 Loss of serial communications for class 2 devices
DTC U1201 Loss of serial communications for class 2 devices
DTC U1202 Loss of serial communications for class 2 devices
DTC U1203 Loss of serial communications for class 2 devices
DTC U1204 Loss of serial communications for class 2 devices
DTC U1205 Loss of serial communications for class 2 devices
DTC U1206 Loss of serial communications for class 2 devices
DTC U1207 Loss of serial communications for class 2 devices
DTC U1208 Loss of serial communications for class 2 devices

DTC U1209 Loss of serial communications for class 2 devices
DTC U1210 Loss of serial communications for class 2 devices
DTC U1215 Loss of serial communications for class 2 devices
DTC U1220 Loss of serial communications for class 2 devices
DTC U1225 Loss of serial communications for class 2 devices
DTC U1230 Loss of serial communications for class 2 devices
DTC U1235 Loss of serial communications for class 2 devices
DTC U1240 Loss of serial communications for class 2 devices
DTC U1245 Loss of serial communications for class 2 devices
DTC U1250 Loss of serial communications for class 2 devices
DTC U1251 Loss of serial communications for class 2 devices
DTC U1252 Loss of serial communications for class 2 devices
DTC U1253 Loss of serial communications for class 2 devices
DTC U1254 Loss of serial communications for class 2 devices
DTC U1255 Class 2 Communication Malfunction
DTC U1255 Serial Data Line Malfunction
DTC U1300 Class 2 Short to Ground
DTC U1301 Class 2 Short to Battery
DTC U1304 Loss Of UART Communications
DTC U1305 Class 2 Data Link Low or High
DTC U1500 Inter-Device Dedicated Bus Malfunction
DTC U2000 Invalid BFC Transmitted SPI Data
DTC U2001 Invalid IPC Transmitted SPI Data
DTC U2002 SPI Data-In Low
DTC U2003 SPI Data-In High
DTC U2004 SPI Data-Out Low
DTC U2005 SPI Data-Out High
DTC U2006 SPI Clock-Out Low
DTC U2007 SPI Clock-Out High
DTC U2050 SIR PPS/CPS Communications Link malfunction
DTC U2100 CAN Bus OFF
DTC U2100 CAN-BUS Communication Malfunction
DTC U2102 More Controllers on Bus than Programmed
DTC U2103 Fewer Controllers On Bus Than Programmed
DTC U2104 CAN Bus Reset Counter Overrun
DTC U2105 CAN Bus Error ECM
DTC U2105 Lost Comm with Engine Control System
DTC U2106 Lost Comm with Trans Control System
DTC U2107 Lost Communications with Body Control System
DTC U2108 CAN Bus Error ABS
DTC U2108 Lost Comm with ABS Control System
DTC U2150 Navigation ECU Gateway Communication Error
DTC U2151 Navigation ECU Communication Malfunction
DTC U2153 VICS ECU Communication Error