



Diagnostic Trouble Code (DTC) Chart

DTC (MIL indication*1)	Detection Item	Probable Cause	Page
P0106 (5)* ³	Manifold Absolute Pressure (MAP) Sensor Circuit Range/Performance Problem	• Vacuum connection • MAP sensor	11-69
P0107 (3)	Manifold Absolute Pressure (MAP) Sensor Circuit Low Voltage	• Open or short in MAP sensor circuit • MAP sensor • PCM	11-71
P0108 (3)	Manifold Absolute Pressure (MAP) Sensor Circuit High Voltage	• Open in MAP sensor circuit • MAP sensor • PCM	11-72
P0111 (10)* ⁴	Intake Air Temperature (IAT) Sensor Circuit Range/Performance Problem	• IAT sensor	11-74
P0112 (10)	Intake Air Temperature (IAT) Sensor Circuit Low Voltage	• Short in IAT sensor circuit • IAT sensor • PCM	11-75
P0113 (10)	Intake Air Temperature (IAT) Sensor Circuit High Voltage	• Open in IAT sensor circuit • IAT sensor • PCM	11-76
P0116 (86)* ²	Engine Coolant Temperature (ECT) Sensor Circuit Range/Performance Problem	• ECT sensor • Cooling system	11-77
P0117 (6)	Engine Coolant Temperature (ECT) Sensor Circuit Low Voltage	• Short in ECT sensor circuit • ECT sensor • PCM	11-78
P0118 (6)	Engine Coolant Temperature (ECT) Sensor Circuit High Voltage	• Open in ECT sensor circuit • ECT sensor • PCM	11-79
P0122 (7)	Throttle Position (TP) Sensor Circuit Low Voltage	• Open or short in TP sensor circuit • TP sensor • PCM	11-80
P0123 (7)	Throttle Position (TP) Sensor Circuit High Voltage	• Open in TP sensor circuit • TP sensor • PCM	11-82
P0131 (2)* ²	Right Primary Heated Oxygen Sensor (Right Primary HO2S) Circuit Low Voltage (Bank 1, Sensor 1)	• Short in Right Primary HO2S (Bank 1, Sensor 1) circuit • Right Primary HO2S (Bank 1, Sensor 1) • Fuel supply system • PCM	11-84
P0132 (2)* ²	Right Primary Heated Oxygen Sensor (Right Primary HO2S) Circuit High Voltage (Bank 1, Sensor 1)	• Open in Right Primary HO2S (Bank 1, Sensor 1) circuit • Right Primary HO2S (Bank 1, Sensor 1) • PCM	11-86
P0133 (62)* ²	Right Primary Heated Oxygen Sensor (Right Primary HO2S) Slow Response (Bank 1, Sensor 1)	• Right Primary HO2S (Bank 1, Sensor 1) • Exhaust system	11-87
P0135 (42)	Right Primary Heated Oxygen Sensor (Right Primary HO2S) Heater Circuit Malfunction (Bank 1, Sensor 1)	• Open or short in Right Primary HO2S (Bank 1, Sensor 1) heater circuit • PCM	11-91

*1: These DTCs will be indicated by the blinking of the Malfunction Indicator Lamp (MIL) with the SCS service connector connected.

*2: These DTCs require two "trips" or two driving cycles unless the SCS service connector is connected.

*3: '96 model only

*4: '97 model only

(cont'd)

Troubleshooting

Diagnostic Trouble Code (DTC) Chart (cont'd)

DTC (MIL indication)	Detection Item	Probable Cause	Page
P0137 (63)* ²	Secondary Heated Oxygen Sensor (Secondary HO2S) Circuit Low Voltage (Sensor 2)	• Short in Secondary HO2S (Sensor 2) circuit • Secondary HO2S (Sensor 2) • PCM	11-88
P0138 (63)* ²	Secondary Heated Oxygen Sensor (Secondary HO2S) Circuit High Voltage (Sensor 2)	• Open in Secondary HO2S (Sensor 2) circuit • Secondary HO2S (Sensor 2) • PCM	11-89
P0139 (63)* ²	Secondary Heated Oxygen Sensor (Secondary HO2S) Slow Response (Sensor 2)	• Secondary HO2S (Sensor 2)	11-90
P0141 (65)	Secondary Heated Oxygen Sensor (Secondary HO2S) Heater Circuit Malfunction (Sensor 2)	• Open or short in Secondary HO2S (Sensor 2) heater circuit • PCM	11-91
P0151 (1)* ²	Left Primary Heated Oxygen Sensor (Left Primary HO2S) Circuit Low Voltage (Bank 2, Sensor 1)	• Short in Left Primary HO2S (Bank 2, Sensor 1) circuit • Left Primary HO2S (Bank 2, Sensor 1) • Fuel supply system • PCM	11-84
P0152 (1)* ²	Left Primary Heated Oxygen Sensor (Left Primary HO2S) Circuit High Voltage (Bank 2, Sensor 1)	• Open in Left Primary HO2S (Bank 2, Sensor 1) circuit • Left Primary HO2S (Bank 2, Sensor 1) • PCM	11-86
P0153 (61)* ²	Left Primary Heated Oxygen Sensor (Left Primary HO2S) Slow Response (Bank 2, Sensor 1)	• Left Primary HO2S (Bank 2, Sensor 1) • Exhaust system	11-87
P0155 (41)	Left Primary Heated Oxygen Sensor (Left Primary HO2S) Heater Circuit Malfunction (Bank 2, Sensor 1)	• Open or short in Left Primary HO2S (Bank 2, Sensor 1) heater circuit • PCM	11-91
P0171 (46)* ²	Fuel System Too Lean [Right Bank (Bank 1)]	• Fuel supply system • Right Primary HO2S (Bank 1, Sensor 1) • MAP sensor • Contaminated fuel • Valve clearance • Exhaust leakage	11-93
P0172 (46)* ²	Fuel System Too Rich [Right Bank (Bank 1)]	• Fuel supply system • Right Primary HO2S (Bank 1, Sensor 1) • MAP sensor • Contaminated fuel • Valve clearance	11-93
P0174 (45)* ²	Fuel System Too Lean [Left Bank (Bank 2)]	• Fuel supply system • Left Primary HO2S (Bank 2, Sensor 1) • MAP sensor • Contaminated fuel • Exhaust leakage	11-93
P0175 (45)* ²	Fuel System Too Rich [Left Bank (Bank 2)]	• Fuel supply system • Left Primary HO2S (Bank 2, Sensor 1) • MAP sensor • Contaminated fuel	11-93

*2: These DTCs require two "trips" or two driving cycles unless the SCS service connector is connected.



DTC (MIL indication)	Detection Item	Probable Cause	Page
P0300* ⁹ (71) (72) (73) (74) (75) (76)	Random Misfire	• Ignition system • Fuel supply system • MAP sensor • EGR system • Contaminated fuel • Lack of fuel	11-100
P0325 (53)	Right Knock Sensor (Bank 1) Circuit Malfunction	• Open or short in Right Knock Sensor (Bank 1) circuit • Right Knock Sensor (Bank 1) • PCM	11-95
P0330 (23)	Left Knock Sensor (Bank 2) Circuit Malfunction	• Open or short in Left Knock Sensor (Bank 2) circuit • Left Knock Sensor (Bank 2) • PCM	11-95
P0335 (4)	Crankshaft Position (CKP) 1 Sensor Circuit No Signal	• CKP 1 Sensor • CKP 1 Sensor circuit • PCM	11-106
P0336 (4)	Crankshaft Position (CKP) 1 Sensor Intermittent Interruption	• CKP 1 Sensor • Timing belt skipped teeth	11-106
P0401 (80)* ²	Exhaust Gas Recirculation (EGR) Insufficient Flow	• EGR valve • EGR line	11-167
P0420 (67)* ²	Catalyst System Efficiency Below Threshold	• Three Way Catalytic converter • Secondary HO₂S	11-165
P0451* ¹⁰	Fuel Tank Pressure (FTP) Sensor Circuit Range/Performance	• FTP Sensor • PCM	11-177
P0452 (91)	Fuel Tank Pressure (FTP) Sensor Circuit Low Voltage	• Open or short in FTP sensor circuit • FTP Sensor • PCM	11-178
P0453 (91)	Fuel Tank Pressure (FTP) Sensor Circuit High Voltage	• Open in FTP Sensor circuit • FTP Sensor • PCM	11-180
P0505 (14)	Idle Control System Malfunction	• Idle Air Control (IAC) valve • IAC thermal valve • Throttle Body	11-113
P0560 (34)	PCM Back-up Circuit Low Voltage	• PCM Back-up Circuit • PCM	11-101
P07xx (70)* ⁵	Automatic Transaxle System Malfunction	—	Section 14
P1106 (13)* ⁷	Barometric Pressure (BARO) Sensor Circuit Range/Performance Problem	• PCM (Baro sensor)	11-108
P1107 (13)	Barometric Pressure (BARO) Sensor Circuit Low Voltage	• PCM (Baro sensor)	11-109
P1108 (13)	Barometric Pressure (BARO) Sensor Circuit High Voltage	• PCM (Baro sensor)	11-109

*2: These DTCs require two "trips" or two driving cycles unless the SCS service connector is connected.

*5: The **D₄** indicator light and the Malfunction Indicator Lamp (MIL) may come on simultaneously.

*7: '97 - 01 models

*9: '98 - 01 models

*10: '00 - 01 models

(cont'd)

Troubleshooting

Diagnostic Trouble Code (DTC) Chart (cont'd)

DTC (MIL indication)	Detection Item	Probable Cause	Page
P1121 (7)*7	Throttle Position (TP) Sensor signal Lower Than Expected	• TP sensor	11-83
P1122 (7)*7	Throttle Position (TP) Sensor signal Higher Than Expected	• TP sensor	11-83
P1128 (5)*7	Manifold Absolute Pressure (MAP) Sensor signal Lower Than Expected	• MAP sensor	11-73
P1129 (5)*7	Manifold Absolute Pressure (MAP) Sensor signal Higher Than Expected	• MAP sensor	11-73
P1201 (71) P1202 (72) P1203 (73) P1204 (74) P1205 (75) P1206 (76)	No. 1 Cylinder Misfire No. 2 Cylinder Misfire No. 3 Cylinder Misfire No. 4 Cylinder Misfire No. 5 Cylinder Misfire No. 6 Cylinder Misfire	• Injector • Injector circuit • Ignition system • Low compression	11-96
P1300*8 (71) (72) (73) (74) (75) (76)	Random Misfire	• Ignition system • Fuel supply system • MAP sensor • EGR system • Contaminated fuel • Lack of fuel	11-100
P1301 (71) P1302 (72) P1303 (73) P1304 (74) P1305 (75) P1306 (76)	No. 1 Cylinder Misfire No. 2 Cylinder Misfire No. 3 Cylinder Misfire No. 4 Cylinder Misfire No. 5 Cylinder Misfire No. 6 Cylinder Misfire	• Ignition system	11-96
P1316 (79)	Spark Plug Voltage Detection Circuit Malfunction [Left Bank (Bank 2)]	• Open or short in Spark Plug Voltage Detection Module circuit • Spark Plug Voltage Detection Module • PCM	11-102
P1317 (79)	Spark Plug Voltage Detection Circuit Malfunction [Right Bank (Bank 1)]	• Open or short in Spark Plug Voltage Detection Module circuit • Spark Plug Voltage Detection Module • PCM	11-102
P1318 (79)	Spark Plug Voltage Detection Module Reset Circuit Malfunction [Left Bank (Bank 2)]	• Open or short in Spark Plug Voltage Detection Module Reset circuit • Spark Plug Voltage Detection Module • PCM	11-104
P1319 (79)	Spark Plug Voltage Detection Module Reset Circuit Malfunction [Right Bank (Bank 1)]	• Open or short in Spark Plug Voltage Detection Module Reset circuit • Spark Plug Voltage Detection Module • PCM	11-104
P1336 (54)	Crankshaft Position (CKP) 2 Sensor Circuit Intermittent Interruption	• CKP 2 Sensor • Timing belt skipped teeth	11-106
P1337 (54)	Crankshaft Position (CKP) 2 Sensor Circuit No Signal	• CKP 2 Sensor • CKP 2 Sensor circuit • PCM	11-106

*7: '97 - 01 models

*8: '96 - 97 models

*9: '98 - 01 models



DTC (MIL indication)	Detection Item	Probable Cause	Page
P1381 (9)	Cylinder Position (CYP) 1 Sensor Intermittent Interruption	• CYP 1 Sensor	11-106
P1382 (9)	Cylinder Position (CYP) 1 Sensor Circuit No Signal	• CYP 1 Sensor • CYP 1 Sensor circuit • PCM	11-106
P1386 (59)	Cylinder Position (CYP) 2 Sensor Intermittent Interruption	• CYP 2 Sensor	11-106
P1387 (59)	Cylinder Position (CYP) 2 Sensor Circuit No Signal	• CYP 2 Sensor • CYP 2 Sensor circuit • PCM	11-106
P1456 (90)*2	Evaporative Emission (EVAP) Control System Leakage (Fuel Tank System)	• Vacuum connection • Fuel tank • FTP sensor • Fuel fill cap • EVAP bypass solenoid valve • EVAP two way valve • EVAP canister vent shut valve • EVAP canister • EVAP canister purge valve	11-182 (96-99) 11-187 (00-03)
P1457 (90)*2	Evaporative Emission (EVAP) Control System Leakage (EVAP Canister Area)	• Vacuum connection • EVAP canister • FTP sensor • EVAP bypass solenoid valve • EVAP two way valve • EVAP canister vent shut valve • Fuel tank • EVAP canister purge valve	11-192 (96-99) 11-196 (00-03)
P1486 (87)	Cooling System Malfunction	• Radiator Fan Circuit • Thermostat	11-110
P1491 (12)	Exhaust Gas Recirculation (EGR) Valve Insufficient Lift	• EGR valve (with position sensor) • EGR valve position sensor circuit • EGR valve vacuum control solenoid valve • EGR valve vacuum control solenoid valve circuit • EGR line • PCM	11-168
P1498 (12)	EGR Valve Lift Sensor High Voltage	• EGR valve (with position sensor) • EGR valve position sensor circuit • PCM	11-173
P1508 (14)	Idle Air Control (IAC) Valve Circuit Failure	• IAC valve • IAC valve circuit • PCM	11-115
P1607 (–)	Powertrain Control Module (PCM) Internal Circuit Failure	• PCM	11-111
P1690 (35)*6	TCSTB Line Failure	• TCSTB Line • TCS Control unit/VSA converter unit • PCM	Section 19
P1696 (36)*6	TCFC Signal Low Voltage	• TCFC Line • TCS Control Unit/VSA converter unit • PCM	Section 19
P1697 (36)*6	TCFC Signal High Voltage	• TCFC Line • TCS Control Unit/VSA converter unit • PCM	Section 19
P17xx (70)*5	Automatic Transaxle System Malfunction	—	Section 14

*2: These DTCs require two "trips" or two driving cycles unless the SCS service connector is connected.

*5: The  indicator light and the Malfunction Indicator Lamp (MIL) may come on simultaneously.

*6: with TCS, VSA