

DIAGNOSTIC TROUBLE CODE CHART

HINT:

Parameters listed in the chart may be different than your readings depending on the type of instrument used and other factors.

During the DTC check, refer to the table below if a malfunction code is displayed. For details about each code, refer to the page number in the DTC Chart's left column. 

DTC No. (See Page)	Detection Item	Trouble Area	MIL *1	Memory
P0031 (05-58)	Oxygen Sensor Heater Control Circuit Low (Bank 1 Sensor 1)	• Open or short in heater circuit of heated oxygen sensor • Heated oxygen sensor heater (Bank 1 Sensor 1) • EFI relay • EFI No. 2 fuse • ECM	○	○
P0032 (05-58)	Oxygen Sensor Heater Control Circuit High (Bank 1 Sensor 1)	• Short in heater circuit of heated oxygen sensor • Heated oxygen sensor heater (Bank 1 Sensor 1) • EFI relay • ECM	○	○
P0037 (05-58)	Oxygen Sensor Heater Control Circuit Low (Bank 1 Sensor 2)	• Open or short in heater circuit of heated oxygen sensor • Heated oxygen sensor heater (Bank 1 Sensor 2) • EFI relay • ECM	○	○
P0038 (05-58)	Oxygen Sensor Heater Control Circuit High (Bank 1 Sensor 2)	• Short in heater circuit of heated oxygen sensor • Heated oxygen sensor heater (Bank 1 Sensor 2) • EFI relay • ECM	○	○
P0051 (05-58)	Oxygen Sensor Heater Control Circuit Low (Bank 2 Sensor 1)	• Open or short in heater circuit of heated oxygen sensor • Heated oxygen sensor heater (Bank 2 Sensor 1) • EFI relay • ECM	○	○
P0052 (05-58)	Oxygen Sensor Heater Control Circuit High (Bank 2 Sensor 1)	• Short in heater circuit of heated oxygen sensor • Heated oxygen sensor heater (Bank 2 Sensor 1) • EFI relay • ECM	○	○
P0057 (05-58)	Oxygen Sensor Heater Control Circuit Low (Bank 2 Sensor 2)	• Open or short in heater circuit of heated oxygen sensor • Heated oxygen sensor heater (Bank 2 Sensor 2) • EFI relay • ECM	○	○
P0058 (05-58)	Oxygen Sensor Heater Control Circuit High (Bank 2 Sensor 2)	• Short in heater circuit of heated oxygen sensor • Heated oxygen sensor heater (Bank 2 Sensor 2) • EFI relay • ECM	○	○
P0100 (05-65)	Mass or Volume Air Flow Circuit	• Open or short in mass air flow meter circuit • Mass air flow meter • ECM	○	○
P0101 (05-71)	Mass or Volume Air Flow Circuit Range/Performance Problem	• Mass air flow meter	○	○
P0102 (05-65)	Mass or Volume Air Flow Circuit Low Input	• Open in mass air flow meter circuit • Short in ground circuit • Mass air flow meter • ECM	○	○
P0103 (05-65)	Mass or Volume Air Flow Circuit High Input	• Open in mass air flow meter circuit (E2G circuit) • Short in mass air flow meter circuit (+B circuit) • Mass air flow meter • ECM	○	○
P0110 (05-73)	Intake Air Temperature Circuit	• Open or short in intake air temperature sensor circuit • Intake air temperature sensor (built in mass air flow meter) • ECM	○	○

DTC No. (See Page)	Detection Item	Trouble Area	MIL*1	Memory
P0112 (05-73)	Intake Air Temperature Circuit Low Input	• Short in intake air temperature sensor circuit • Intake air temperature sensor (built in mass air flow meter) • ECM	○	○
P0113 (05-73)	Intake Air Temperature Circuit High Input	• Open in intake air temperature sensor circuit • Intake air temperature sensor (built in mass air flow meter) • ECM	○	○
P0115 (05-78)	Engine Coolant Temperature Circuit	• Open or short in engine coolant temperature sensor circuit • Engine coolant temperature sensor • ECM	○	○
P0116 (05-83)	Engine Coolant Temperature Circuit Range/Performance Problem	• Engine coolant temperature sensor	○	○
P0117 (05-78)	Engine Coolant Temperature Circuit Low Input	• Open or short in engine coolant temperature sensor circuit • Engine coolant temperature sensor • ECM	○	○
P0118 (05-78)	Engine Coolant Temperature Circuit High Input	• Open or short in engine coolant temperature sensor circuit • Engine coolant temperature sensor • ECM	○	○
P0120 (05-85)	Throttle/Pedal Position Sensor/Switch "A" Circuit	• Throttle position sensor (built in throttle body) • ECM	○	○
P0121 (05-95)	Throttle/Pedal Position Sensor/Switch "A" Circuit Range/Performance Problem	• Throttle position sensor (built in throttle body)	○	○
P0122 (05-85)	Throttle/Pedal Position Sensor/Switch "A" Circuit Low Input	• Throttle position sensor (built in throttle body) • Short in VTA1 circuit • Open in VC circuit • ECM	○	○
P0123 (05-85)	Throttle/Pedal Position Sensor/Switch "A" Circuit High Input	• Throttle position sensor (built in throttle body) • Open in VTA1 circuit • Open in E2 circuit • VC and VTA1 circuits are short-circuited • ECM	○	○
P0125 (05-97)	Insufficient Coolant Temperature for Closed Loop Fuel Control	• Cooling system • Engine coolant temperature sensor • Thermostat	○	○
P0128 (05-99)	Coolant Thermostat (Coolant Temperature Below Thermostat Regulating Temperature)	• Thermostat • Cooling system • Engine coolant temperature sensor • ECM	○	○
P0130*3 (05-102)	Oxygen Sensor Circuit (Bank 1 Sensor 1)	• Open or short in heated oxygen sensor circuit • Heated oxygen sensor (Bank 1 Sensor 1) • Heated oxygen sensor heater (Bank 1 Sensor 1) • EFI relay • Air induction system • Fuel pressure • Injector • ECM	○	○
P0133*3 (05-114)	Oxygen Sensor Circuit Slow Response (Bank 1 Sensor 1)	• Open or short in heated oxygen sensor circuit • Heated oxygen sensor (Bank 1 Sensor 1) • Heated oxygen sensor heater (Bank1 Sensor 1) • EFI relay • Air induction system • Fuel pressure • Injector • ECM	○	○

DTC No. (See Page)	Detection Item	Trouble Area	MIL*1	Memory
P0134 (05-124)	Oxygen Sensor Circuit No Activity Detected (Bank 1 Sensor 1)	• Open or short in heated oxygen sensor circuit • Heated oxygen sensor (Bank 1 Sensor 1) • Heated oxygen sensor heater (Bank 1 Sensor 1) • EFI relay • Air induction system • Fuel pressure • PCV valve and hose • PCV hose connection • Injector • Gas leakage in exhaust system • ECM	○	○
P0136 (05-132)	Oxygen Sensor Circuit Malfunction (Bank 1 Sensor 2)	• Open or short in heated oxygen sensor circuit • Heated oxygen sensor (Bank 1 Sensor 2) • Heated oxygen sensor heater (Bank 1 Sensor 2) • EFI relay	○	○
P0150*3 (05-102)	Oxygen Sensor Circuit (Bank 2 Sensor 1)	• Open or short in heated oxygen sensor circuit • Heated oxygen sensor (Bank 2 Sensor 1) • Heated oxygen sensor heater (Bank 2 Sensor 1) • EFI relay • Air induction system • Fuel pressure • Injector • ECM	○	○
P0153*3 (05-114)	Oxygen Sensor Circuit Slow Response (Bank 2 Sensor 1)	• Open or short in heated oxygen sensor circuit • Heated oxygen sensor (Bank 2 Sensor 1) • Heated oxygen sensor heater (Bank 2 Sensor 1) • EFI relay • Air induction system • Fuel pressure • Injector • ECM	○	○
P0154 (05-124)	Oxygen Sensor Circuit No Activity Detected (Bank 2 Sensor 1)	• Open or short in heated oxygen sensor circuit • Heated oxygen sensor (Bank 2 Sensor 1) • Heated oxygen sensor heater (Bank 2 Sensor 1) • EFI relay • Air induction system • Fuel pressure • PCV valve and hose • PCV hose connection • Injector • Gas leakage in exhaust system • ECM	○	○
P0156 (05-132)	Oxygen Sensor Circuit Malfunction (Bank 2 Sensor 2)	• Open or short in heated oxygen sensor circuit • Heated oxygen sensor (Bank 2 Sensor 2) • Heated oxygen sensor heater (Bank 2 Sensor 2) • EFI relay	○	○
P0171 (05-140)	System too Lean (Bank 1)	• Air induction system • Injector blockage • Mass air flow meter • Engine coolant temperature sensor • Fuel pressure • Gas leakage in exhaust system • Open or short in heated oxygen sensor circuit • Heated oxygen sensor (Bank 1 Sensor 1) • Heated oxygen sensor heater (Bank 1 Sensor 1) • EFI relay • PCV valve and hose • PCV hose connection • ECM	○	○

DTC No. (See Page)	Detection Item	Trouble Area	MIL*1	Memory
P0172 (05-140)	System too Rich (Bank 1)	• Injector leakage or blockage • Mass air flow meter • Engine coolant temperature sensor • Ignition system • Fuel pressure • Gas leakage in exhaust system • Open or short in heated oxygen sensor circuit • Heated oxygen sensor (Bank 1 Sensor 1) • ECM	○	○
P0174 (05-140)	System too Lean (Bank2)	• Air induction system • Injector blockage • Mass air flow meter • Engine coolant temperature sensor • Fuel pressure • Gas leakage in exhaust system • Open or short in heated oxygen sensor circuit • Heated oxygen sensor (Bank 2 Sensor 1) • Heated oxygen sensor heater (Bank 2 Sensor 1) • EFI relay • PCV valve and hose • PCV hose connection • ECM	○	○
P0175 (05-140)	System too Rich (Bank2)	• Injector leakage or blockage • Mass air flow meter • Engine coolant temperature sensor • Ignition system • Fuel pressure • Gas leakage in exhaust system • Open or short in heated oxygen sensor circuit • Heated oxygen sensor (Bank 2 Sensor 1) • ECM	○	○
P0220 (05-85)	Throttle/Pedal Position Sensor/ Switch "B" Circuit	• Throttle position sensor (built in throttle body) • ECM	○	○
P0222 (05-85)	Throttle/Pedal Position Sensor/ Switch "B" Circuit Low Input	• Throttle position sensor (built in throttle body) • Short in VTA2 circuit • Open in VC circuit • ECM	○	○
P0223 (05-85)	Throttle/Pedal Position Sensor/ Switch "B" Circuit High Input	• Throttle position sensor (built in throttle body) • Open in VTA2 circuit • Open in E2 circuit • VC and VTA2 circuits are short-circuited • ECM	○	○
P0230 (05-152)	Fuel Pump Primary Circuit	• Open or short in fuel pump relay circuit • Fuel pump relay • ECM	—	○
P0300*3 (05-156)	Random/Multiple Cylinder Misfire Detected	• Open or short in engine wire harness • Connector connection • Vacuum hose connection • Ignition system • Injector • Fuel pressure • Mass air flow meter • Engine coolant temperature sensor • Compression pressure • Valve clearance • Valve timing • PCV hose connection • PCV hose • ECM	○*2	○

DTC No. (See Page)	Detection Item	Trouble Area	MIL*1	Memory
P0301*3 (05-156)	Cylinder 1 Misfire Detected	• Same as DTC P0300	○*2	○
P0302*3 (05-156)	Cylinder 2 Misfire Detected	• Same as DTC P0300	○*2	○
P0303*3 (05-156)	Cylinder 3 Misfire Detected	• Same as DTC P0300	○*2	○
P0304*3 (05-156)	Cylinder 4 Misfire Detected	• Same as DTC P0300	○*2	○
P0305*3 (05-156)	Cylinder 5 Misfire Detected	• Same as DTC P0300	○*2	○
P0306*3 (05-156)	Cylinder 6 Misfire Detected	• Same as DTC P0300	○*2	○
P0307*3 (05-156)	Cylinder 7 Misfire Detected	• Same as DTC P0300	○*2	○
P0308*3 (05-156)	Cylinder 8 Misfire Detected	• Same as DTC P0300	○*2	○
P0325 (05-171)	Knock Sensor 1 Circuit (Bank 1 or Single Sensor)	• Open or short in knock sensor 1 circuit • Knock sensor 1 (looseness) • ECM	○	○
P0330 (05-171)	Knock Sensor 2 Circuit (Bank 2)	• Open or short in knock sensor 2 circuit • Knock sensor 2 (looseness) • ECM	○	○
P0335 (05-176)	Crankshaft Position Sensor "A" Circuit	• Open or short in crankshaft position sensor circuit • Crankshaft position sensor • Signal plate (crankshaft position sensor plate No. 1) • ECM	○	○
P0339 (05-176)	Crankshaft Position Sensor "A" Circuit Intermittent	• Open or short in crankshaft position sensor circuit • Crankshaft position sensor • Signal plate (crankshaft position sensor plate No. 1) • ECM	—	○
P0340 (05-181)	Camshaft Position Sensor "A" Circuit (Bank 1 or Single Sensor)	• Open or short in camshaft position sensor circuit • Camshaft position sensor • Bank1 camshaft timing pulley • Jumping teeth of timing belt • ECM	○	○
P0341 (05-181)	Camshaft Position Sensor "A" Circuit Range/Performance (Bank 1 or Single Sensor)	• Open or short in camshaft position sensor circuit • Camshaft position sensor • Bank1 camshaft timing pulley • Jumped tooth of timing belt • ECM	○	○
P0351 (05-186)	Ignition Coil "A" Primary/Secondary Circuit	• Ignition system • Open or short in IGF or IGT1 circuit between ignition coil with igniter and ECM • No. 1 ignition coil with igniter • ECM	○	○
P0352 (05-186)	Ignition Coil "B" Primary/Secondary Circuit	• Ignition system • Open or short in IGF or IGT2 circuit between ignition coil with igniter and ECM • No. 2 ignition coil with igniter • ECM	○	○
P0353 (05-186)	Ignition Coil "C" Primary/Secondary Circuit	• Ignition system • Open or short in IGF or IGT3 circuit between ignition coil with igniter and ECM • No. 3 ignition coil with igniter • ECM	○	○

DTC No. (See Page)	Detection Item	Trouble Area	MIL*1	Memory
P0354 (05-186)	Ignition Coil "D" Primary/Secondary Circuit	• Ignition system • Open or short in IGF or IGT4 circuit between ignition coil with igniter and ECM • No. 4 ignition coil with igniter • ECM	○	○
P0355 (05-186)	Ignition Coil "E" Primary/Secondary Circuit	• Ignition system • Open or short in IGF or IGT5 circuit between ignition coil with igniter and ECM • No. 5 ignition coil with igniter • ECM	○	○
P0356 (05-186)	Ignition Coil "F" Primary/Secondary Circuit	• Ignition system • Open or short in IGF or IGT6 circuit between ignition coil with igniter and ECM • No. 6 ignition coil with igniter • ECM	○	○
P0357 (05-186)	Ignition Coil "G" Primary/Secondary Circuit	• Ignition system • Open or short in IGF or IGT7 circuit between ignition coil with igniter and ECM • No. 7 ignition coil with igniter • ECM	○	○
P0358 (05-186)	Ignition Coil "H" Primary/Secondary Circuit	• Ignition system • Open or short in IGF or IGT8 circuit between ignition coil with igniter and ECM • No. 8 ignition coil with igniter • ECM	○	○
P0420*3 (05-196)	Catalyst System Efficiency Below Threshold (Bank 1)	• Gas leakage in exhaust system • Heated oxygen sensor (Bank 1 Sensor 1, 2) • Three-way catalytic converter (inside exhaust manifold)	○	○
P0430*3 (05-196)	Catalyst System Efficiency Below Threshold (Bank 2)	• Gas leakage in exhaust system • Heated oxygen sensor (Bank 2 Sensor 1, 2) • Three-way catalytic converter (inside exhaust manifold)	○	○
P0441*3 (05-203)	Evaporative Emission Control System Incorrect Purge Flow	• Vacuum hose has cracks, holes, or is blocked, damaged or disconnected • Fuel tank cap is incorrectly installed • Fuel tank cap has cracks or is damaged • Open or short in vapor pressure sensor circuit • Vapor pressure sensor • Open or short in VSV circuit for EVAP • VSV for EVAP • Open or short in VSV circuit for CCV • VSV for CCV • Fuel tank has cracks, holes, or is damaged • Charcoal canister has cracks, holes, or is damaged • Fuel tank over fill check valve has cracks, or is damaged • ECM	○	○
P0442*3 (05-203)	Evaporative Emission Control System Leak detected (small leak)	• Vacuum hose has cracks, holes, or is blocked, damaged or disconnected • Fuel tank cap is incorrectly installed • Fuel tank cap has cracks or is damaged • Open or short in vapor pressure sensor circuit • Vapor pressure sensor • Open or short in VSV circuit for EVAP • VSV for EVAP • Open or short in VSV circuit for CCV • VSV for CCV • Fuel tank has cracks, holes, or is damaged • Charcoal canister has cracks, holes, or is damaged • Fuel tank over fill check valve has cracks, or is damaged • ECM	○	○

DTC No. (See Page)	Detection Item	Trouble Area	MIL*1	Memory
P0446*3 (05-203)	Evaporative Emission Control System Vent Control Circuit	• Vacuum hose has cracks, holes, or is blocked, damaged or disconnected • Fuel tank cap is incorrectly installed • Fuel tank cap has cracks or is damaged • Open or short in vapor pressure sensor circuit • Vapor pressure sensor • Open or short in VSV circuit for EVAP • VSV for EVAP • Open or short in VSV circuit for CCV • VSV for CCV • Fuel tank has cracks, holes, or is damaged • Charcoal canister has cracks, holes, or is damaged • Fuel tank over fill check valve has cracks, or is damaged • ECM	○	○
P0451*3 (05-232)	Evaporative Emission Control System Pressure Sensor Range/Performance	• Open or short in vapor pressure sensor circuit • Vapor pressure sensor • ECM	○	○
P0452 (05-232)	Evaporative Emission Control System Pressure Sensor/Switch Low Input	• Open in vapor pressure sensor circuit • Vapor pressure sensor • ECM	○	○
P0453 (05-232)	Evaporative Emission Control System Pressure Sensor/Switch High Input	• Short in vapor pressure sensor circuit • Vapor pressure sensor • ECM	○	○
P0455*3 (05-203)	Evaporative Emission Control System Leak Detected (Gross Leak)	• Vacuum hose has cracks, holes, or is blocked, damaged or disconnected • Fuel tank cap is incorrectly installed • Fuel tank cap has cracks or is damaged • Open or short in vapor pressure sensor circuit • Vapor pressure sensor • Open or short in VSV circuit for EVAP • VSV for EVAP • Open or short in VSV circuit for CCV • VSV for CCV • Fuel tank has cracks, holes, or is damaged • Charcoal canister has cracks, holes, or is damaged • Fuel tank over fill check valve has cracks, or is damaged • ECM	○	○
P0456*3 (05-203)	Evaporative Emission Control System Leak Detected (very small leak)	• Vacuum hose has cracks, holes, or is blocked, damaged or disconnected • Fuel tank cap is incorrectly installed • Fuel tank cap has cracks or is damaged • Open or short in vapor pressure sensor circuit • Vapor pressure sensor • Open or short in VSV circuit for EVAP • VSV for EVAP • Open or short in VSV circuit for CCV • VSV for CCV • Fuel tank has cracks, holes, or is damaged • Charcoal canister has cracks, holes, or is damaged • Fuel tank over fill check valve has cracks, or is damaged • ECM	○	○
P0500 (05-239)	Vehicle Speed Sensor "A"	• Open or short in speed sensor circuit • Speed sensor • Combination meter • ECM • Skid control ECU	○	○

DTC No. (See Page)	Detection Item	Trouble Area	MIL*1	Memory
P0503 (05-239)	Vehicle Speed Sensor "A" Inter- mittent/Erratic/High	• Open or short in vehicle speed sensor circuit • Vehicle speed sensor • Combination meter • ECM • Skid control ECU	—	○
P0504 (05-242)	Brake Switch "A"/"B" Correlation	• Short in stop lamp switch signal circuit • Stop lamp switch • ECM	—	○
P0505 (05-248)	Idle Air Control System	• Electric throttle control system • Air induction system • PCV hose connection	○	○
P0560 (05-251)	System Voltage	• Open in back-up power source circuit • ECM	○	○
P0571 (05-1943)	Brake Switch "A" Circuit	• Cruise control system	—	○
P0604 (05-255)	Internal Control Module Random Access Memory (RAM) Error	• ECM	○	○
P0606 (05-255)	ECM/PCM Processor	• ECM	○	○
P0607 (05-255)	Control Module Performance	• ECM	○	○
P0617 (05-257)	Starter Relay Circuit High	• Short in Park/Neutral position switch circuit • Park/Neutral position switch • Ignition switch • ECM	○	○
P0657 (05-255)	Actuator Supply Voltage Circuit / Open	• ECM	○	○
P0705 (05-978)	Transmission Range Sensor Cir- cuit Malfunction (PRNDL Input)	• Electronic controlled automatic transmission (ECT)	○	○
P0710 (05-983)	Transmission Fluid Temperature Sensor "A" Circuit	• Electronic controlled automatic transmission (ECT)	○	○
P0711 (05-986)	Transmission Fluid Temperature Sensor "A" Circuit Range/Perfor- mance	• Electronic controlled automatic transmission (ECT)	○	○
P0712 (05-983)	Transmission Fluid Temperature Sensor "A" Circuit Low Input	• Electronic controlled automatic transmission (ECT)	○	○
P0713 (05-983)	Transmission Fluid Temperature Sensor "A" Circuit High Input	• Electronic controlled automatic transmission (ECT)	○	○
P0717 (05-988)	Input/Turbine Speed Sensor "A" Circuit No Signal	• Electronic controlled automatic transmission (ECT)	○	○
P0722 (05-991)	Output Speed Sensor Circuit No Signal	• Electronic controlled automatic transmission (ECT)	○	○
P0724 (05-994)	Brake Switch "B" Circuit High	• Electronic controlled automatic transmission (ECT)	○	○
P0748 (05-996)	Pressure Control Solenoid "A" Electrical	• Electronic controlled automatic transmission (ECT)	○	○
P0751 (05-1002)	Shift Solenoid "A" Performance or Stuck Off	• Electronic controlled automatic transmission (ECT)	○	○
P0756 (05-1006)	Shift Solenoid "B" Performance or Stuck Off	• Electronic controlled automatic transmission (ECT)	○	○
P0771 (05-1010)	Shift Solenoid "E" Performance or Stuck Off	• Electronic controlled automatic transmission (ECT)	○	○
P0776 (05-1014)	Pressure Control Solenoid "B" Performance or Stuck Off	• Electronic controlled automatic transmission (ECT)	○	○

DTC No. (See Page)	Detection Item	Trouble Area	MIL*1	Memory
P0778 (05-1018)	Pressure Control Solenoid "B" Electrical	•Electronic controlled automatic transmission (ECT)	○	○
P0781 (05-1022)	1 - 2 Shift	•Electronic controlled automatic transmission (ECT)	○	○
P0973 (05-1025)	Shift Solenoid "A" Control Circuit Low	•Electronic controlled automatic transmission (ECT)	○	○
P0974 (05-1025)	Shift Solenoid "A" Control Circuit High	•Electronic controlled automatic transmission (ECT)	○	○
P0976 (05-1028)	Shift Solenoid "B" Control Circuit Low	•Electronic controlled automatic transmission (ECT)	○	○
P0977 (05-1028)	Shift Solenoid "B" Control Circuit High	•Electronic controlled automatic transmission (ECT)	○	○
P0985 (05-1031)	Shift Solenoid "E" Control Circuit Low	•Electronic controlled automatic transmission (ECT)	○	○
P0986 (05-1031)	Shift Solenoid "E" Control Circuit High	•Electronic controlled automatic transmission (ECT)	○	○
P1782 (05-1034)	Transfer L4 SW Circuit	•Electronic controlled automatic transmission (ECT)	○	○
P2102 (05-265)	Throttle Actuator Control Motor Circuit Low	•Open in throttle control motor circuit •Throttle control motor •ECM	○	○
P2103 (05-265)	Throttle Actuator Control Motor Circuit High	•Short in throttle control motor circuit •Throttle control motor •Throttle valve •Throttle body assembly •ECM	○	○
P2111 (05-269)	Throttle Actuator Control System - Stuck Open	•Throttle control motor circuit •Throttle control motor •Throttle body •Throttle valve	○	○
P2112 (05-269)	Throttle Actuator Control System - Stuck Closed	•Throttle control motor circuit •Throttle control motor •Throttle body •Throttle valve	○	○
P2118 (05-272)	Throttle Actuator Control Motor Current Range/Performance	•Open in ETCS power source circuit •ETCS fuse •ECM	○	○
P2119 (05-276)	Throttle Actuator Control Throttle Body Range/Performance	•Electric throttle control system •ECM	○	○
P2120 (05-278)	Throttle/Pedal Position Sensor/ Switch "D" Circuit	•Accelerator pedal position sensor •ECM	○	○
P2121 (05-287)	Throttle/Pedal Position Sensor/ Switch "D" Circuit Range/Perfor- mance	•Accelerator pedal position sensor circuit •Accelerator pedal position sensor •ECM	○	○
P2122 (05-278)	Throttle/Pedal Position Sensor/ Switch "D" Circuit Low Input	•Accelerator pedal position sensor •Open in VCP1 circuit •Open or ground short in VPA circuit •ECM	○	○
P2123 (05-278)	Throttle/Pedal Position Sensor/ Switch "D" Circuit High Input	•Accelerator pedal position sensor •Open in EPA circuit •ECM	○	○
P2125 (05-278)	Throttle/Pedal Position Sensor/ Switch "E" Circuit	•Accelerator pedal position sensor •ECM	○	○

DTC No. (See Page)	Detection Item	Trouble Area	MIL*1	Memory
P2127 (05-278)	Throttle/Pedal Position Sensor/ Switch "E" Circuit Low Input	• Accelerator pedal position sensor • Open in VCP2 circuit • Open or ground short in VPA2 circuit • ECM	○	○
P2128 (05-278)	Throttle/Pedal Position Sensor/ Switch "E" Circuit High Input	• Accelerator pedal position sensor • Open in EPA2 circuit • ECM	○	○
P2135 (05-278)	Throttle Pedal Position Sensor/ Switch "A"/"B" Voltage Correlation	• VTA1 and VTA2 circuit are short-circuited • Throttle position sensor (built in throttle body) • ECM	○	○
P2138 (05-278)	Throttle Pedal Position Sensor/ Switch "D"/"E" Voltage Correlation	• VPA and VPA2 circuit are short-circuited • Accelerator pedal position sensor • ECM	○	○
P2195*3 (05-102)	Oxygen Sensor Signal Stuck Lean (Bank 1 Sensor 1)	• Open or short in heated oxygen sensor circuit • Heated oxygen sensor (Bank 1 Sensor 1) • Heated oxygen sensor heater (Bank 1 Sensor 1) • EFI relay • Air induction system • Fuel pressure • Injector • ECM	○	○
P2196*3 (05-102)	Oxygen Sensor Signal Stuck Rich (Bank 1 Sensor 1)	• Open or short in heated oxygen sensor circuit • Heated oxygen sensor (Bank 1 Sensor 1) • Heated oxygen sensor heater (Bank 1 Sensor 1) • EFI relay • Air induction system • Fuel pressure • Injector • ECM	○	○
P2197*3 (05-102)	Oxygen Sensor Signal Stuck Lean (Bank 2 Sensor 1)	• Open or short in heated oxygen sensor circuit • Heated oxygen sensor (Bank 2 Sensor 1) • Heated oxygen sensor heater (Bank 2 Sensor 1) • EFI relay • Air induction system • Fuel pressure • Injector • ECM	○	○
P2198*3 (05-102)	Oxygen Sensor Signal Stuck Rich (Bank 2 Sensor 1)	• Open or short in heated oxygen sensor circuit • Heated oxygen sensor (Bank 2 Sensor 1) • Heated oxygen sensor heater (Bank 2 Sensor 1) • EFI relay • Air induction system • Fuel pressure • Injector • ECM	○	○
P2714 (05-1037)	Pressure Control Solenoid "D" Performance or Stuck Off	• Electronic controlled automatic transmission (ECT)	○	○
P2716 (05-1040)	Pressure Control Solenoid "D" Electrical	• Electronic controlled automatic transmission (ECT)	○	○
P2740 (05-1043)	Transmission Fluid Temperature Sensor "B" Circuit	• Electronic controlled automatic transmission (ECT)	○	○
P2742 (05-1043)	Transmission Fluid Temperature Sensor "B" Circuit Low Input	• Electronic controlled automatic transmission (ECT)	○	○
P2743 (05-1043)	Transmission Fluid Temperature Sensor "B" Circuit High Input	• Electronic controlled automatic transmission (ECT)	○	○
P2757 (05-1047)	Torque Converter Clutch Pressure Control Solenoid Control Circuit Performance or Stuck Off	• Electronic controlled automatic transmission (ECT)	○	○

DTC No. (See Page)	Detection Item	Trouble Area	MIL*1	Memory
P2759 (05-1050)	Torque Converter Clutch Pressure Control Solenoid Control Circuit Electrical	• Electronic controlled automatic transmission (ECT)	○	○
B2799 (05-1886)	Engine Immobilizer System Malfunction	• Immobilizer system	—	○

*1: — 000 MIL dese not illuminates, ○ 000 MIL illuminates.

*2: MIL illuminates up or blinks.

*3: For USA only.