

- P0016 - Crankshaft Position Camshaft Position Correlation Bank 1 Sensor A
- P0030 - Heated Oxygen Sensor (HO2S) Heater Control Circuit Bank 1 Sensor 1
- P0031 - Heated Oxygen Sensor (HO2S) Heater Circuit Low Voltage Bank 1 Sensor 1
- P0032 - Heated Oxygen Sensor (HO2S) Heater Circuit High Voltage Bank 1 Sensor 1
- P0036 - Heated Oxygen Sensor (HO2S) Heater Control Circuit Bank 1 Sensor 2
- P0037 - Heated Oxygen Sensor (HO2S) Heater Circuit Low Voltage Bank 1 Sensor 2
- P0038 - Heated Oxygen Sensor (HO2S) Heater Circuit High Voltage Bank 1 Sensor 2
- P0050 - Heated Oxygen Sensor (HO2S) Heater Circuit Bank 2 Sensor 1
- P0051 - Heated Oxygen Sensor (HO2S) Heater Circuit Low Voltage Bank 2 Sensor 1
- P0052 - Heated Oxygen Sensor (HO2S) Heater Circuit High Voltage Bank 2 Sensor 1
- P0053 - HO2S Heater Resistance Bank 1 Sensor 1 (PCM)
- P0054 - HO2S Heater Resistance Bank 1 Sensor 2 (PCM)
- P0056 - Heated Oxygen Sensor (HO2S) Heater Circuit Bank 2 Sensor 2
- P0057 - Heated Oxygen Sensor (HO2S) Heater Circuit Low Voltage Bank 2 Sensor 2
- P0058 - Heated Oxygen Sensor (HO2S) Heater Circuit High Voltage Bank 2 Sensor 2
- P0068 - Throttle Body Airflow Performance (PCM)
- P0100 - MAF Sensor Circuit Insufficient Activity
- P0101 - Mass Air Flow (MAF) Sensor Performance
- P0102 - Mass Air Flow (MAF) Sensor Circuit Low Frequency
- P0103 - Mass Air Flow (MAF) Sensor Circuit High Frequency
- P0104 - Mass Air Flow Circuit Intermittent
- P0105 - MAP Sensor Circuit Insufficient Activity
- P0106 - Manifold Absolute Pressure (MAP) System Performance
- P0107 - Manifold Absolute Pressure (MAP) Sensor Circuit Low Voltage
- P0108 - Manifold Absolute Pressure (MAP) Sensor Circuit High Voltage
- P0109 - Manifold Absolute Pressure Circuit Intermittent
- P0110 - Intake Air Temperature (IAT) Sensor Circuit
- P0111 - Intake Air Temperature (IAT) Sensor Performance
- P0112 - Intake Air Temperature (IAT) Sensor Circuit Low Voltage
- P0113 - Intake Air Temperature (IAT) Sensor Circuit High Voltage
- P0114 - Intake Air Temperature Circuit Intermittent
- P0115 - Engine Coolant Temperature (ECT) Sensor Circuit
- P0116 - Engine Coolant Temperature (ECT) Sensor Performance
- P0117 - Engine Coolant Temperature (ECT) Sensor Circuit Low Voltage
- P0118 - Engine Coolant Temperature (ECT) Sensor Circuit High Voltage
- P0119 - Engine Coolant Temperature Circuit Intermittent
- P0120 - TP System Performance
- P0121 - TP Sensor Circuit Insufficient Activity

- P0122 - Throttle Position (TP) Sensor Circuit Low Voltage
- P0123 - Throttle Position (TP) Sensor Circuit High Voltage
- P0124 - Throttle Position Sensor 1 Circuit Intermittent
- P0125 - Engine Coolant Temperature (ECT) Insufficient for Closed Loop Fuel Control
- P0126 - Insufficient ECT for Stable Operation
- P0128 - Coolant Thermostat Below Thermostat Regulating Temperature
- P0130 - Heated Oxygen Sensor (HO2S) Circuit Closed Loop (CL) Performance Bank 1 Sensor 1
- P0131 - Heated Oxygen Sensor (HO2S) Circuit Low Voltage Bank 1 Sensor 1
- P0132 - Heated Oxygen Sensor (HO2S) Circuit High Voltage Bank 1 Sensor 1
- P0133 - Heated Oxygen Sensor (HO2S) Slow Response Bank 1 Sensor 1
- P0134 - Heated Oxygen Sensor (HO2S) Circuit Insufficient Activity Bank 1 Sensor 1
- P0135 - Heated Oxygen Sensor (HO2S) Heater Performance Bank 1 Sensor 1
- P0136 - Heated Oxygen Sensor (HO2S) Circuit Bank 1 Sensor 2
- P0137 - Heated Oxygen Sensor (HO2S) Circuit Low Voltage Bank 1 Sensor 2
- P0138 - Heated Oxygen Sensor (HO2S) Circuit High Voltage Bank 1 Sensor 2
- P0139 - Heated Oxygen Sensor (HO2S) Slow Response Bank 1 Sensor 2
- P0140 - Heated Oxygen Sensor (HO2S) Circuit Insufficient Activity Bank 1 Sensor 2
- P0141 - Heated Oxygen Sensor (HO2S) Heater Performance Bank 1 Sensor 2
- P0142 - Heated Oxygen Sensor (HO2S) Circuit Bank 1 Sensor 3
- P0143 - Heated Oxygen Sensor (HO2S) Circuit Low Voltage Bank 1 Sensor 3
- P0144 - Heated Oxygen Sensor (HO2S) Circuit High Voltage Bank 1 Sensor 3
- P0145 - Heated Oxygen Sensor (HO2S) Circuit Bank 1 Sensor 2 Slow Response
- P0146 - Heated Oxygen Sensor (HO2S) Circuit Insufficient Activity Bank 1 Sensor 3
- P0147 - Heated Oxygen Sensor (HO2S) Heater Performance Bank 1 Sensor 3
- P0150 - Heated Oxygen Sensor (HO2S) Circuit Closed Loop (CL) Performance Bank 2 Sensor 1
- P0151 - Heated Oxygen Sensor (HO2S) Circuit Low Voltage Bank 2 Sensor 1
- P0152 - Heated Oxygen Sensor (HO2S) Circuit High Voltage Bank 2 Sensor 1
- P0153 - Heated Oxygen Sensor (HO2S) Slow Response Bank 2 Sensor 1
- P0154 - Heated Oxygen Sensor (HO2S) Circuit Insufficient Activity Bank 2 Sensor 1
- P0155 - Heated Oxygen Sensor (HO2S) Heater Performance Bank 2 Sensor 1
- P0156 - Heated Oxygen Sensor (HO2S) Circuit Bank 2 Sensor 2
- P0157 - Heated Oxygen Sensor (HO2S) Circuit Low Voltage Bank 2 Sensor 2
- P0158 - Heated Oxygen Sensor (HO2S) Circuit High Voltage Bank 2 Sensor 2
- P0159 - Heated Oxygen Sensor (HO2S) Slow Response Bank 2 Sensor 2
- P0160 - Heated Oxygen Sensor (HO2S) Circuit Insufficient Activity Bank 2 Sensor 2
- P0161 - Heated Oxygen Sensor (HO2S) Heater Performance Bank 2 Sensor 2
- P0162 - Heated Oxygen Sensor (HO2S) Circuit Bank 2 Sensor 3
- P0163 - Heated Oxygen Sensor (HO2S) Circuit Bank 2 Sensor 3 Low Voltage

- P0164 - Heated Oxygen Sensor (HO2S) Circuit Bank 2 Sensor 3 High Voltage
- P0165 - Heated Oxygen Sensor (HO2S) Circuit Bank 2 Sensor 3 Slow Response
- P0166 - Heated Oxygen Sensor (HO2S) Circuit Bank 2 Sensor 3 No Activity Detected
- P0167 - Heated Oxygen Sensor (HO2S) Heater Circuit Bank 2 Sensor 3
- P0169 - Fuel Composition Sensor
- P0170 - Fuel Trim Bank 1
- P0171 - Fuel Trim System Lean Bank 1
- P0172 - Fuel Trim System Rich Bank 1
- P0173 - Fuel Trim Bank 2
- P0174 - Fuel Trim System Lean Bank 2
- P0175 - Fuel Trim System Rich Bank 2
- P0176 - Fuel Composition Sensor Circuit
- P0177 - Fuel Composition Sensor Circuit Performance
- P0178 - Fuel Composition Sensor Circuit Low Voltage
- P0179 - Fuel Composition Sensor Circuit High Voltage
- P0180 - Fuel Temperature Sensor 1 Circuit
- P0181 - Fuel Temp. Sensor 1 Circuit Performance
- P0182 - Fuel Temperature Sensor Circuit Low Voltage
- P0183 - Fuel Temperature Sensor Circuit High Voltage
- P0184 - Fuel Temperature Sensor 1 Circuit Intermittent
- P0185 - Fuel Temperature Sensor 2 Circuit
- P0186 - Fuel Temp. Sensor 2 Circuit Performance
- P0187 - Fuel Temperature Sensor 2 Circuit Low Voltage
- P0188 - Fuel Temperature Sensor 2 Circuit High Voltage
- P0189 - Fuel Temperature Sensor 2 Circuit Intermittent
- P0190 - Fuel Rail Pressure Sensor Circuit
- P0191 - Fuel Rail Pressure Sensor Circuit Performance
- P0192 - Fuel Rail Pressure Sensor Circuit Low Voltage
- P0193 - Fuel Rail Pressure Sensor Circuit High Voltage
- P0194 - Fuel Rail Pressure Sensor Circuit Intermittent
- P0195 - Engine Oil Temperature Sensor
- P0196 - Engine Oil Temperature Sensor Performance
- P0197 - Engine Oil Temperature Sensor Low Voltage
- P0198 - Engine Oil Temperature Sensor High Voltage
- P0199 - Engine Oil Temperature Sensor Intermittent
- P0200 - Injector Control Circuit
- P0201 - Injector 1 Control Circuit
- P0202 - Injector 2 Control Circuit
- P0203 - Injector 3 Control Circuit
- P0204 - Injector 4 Control Circuit
- P0205 - Injector 5 Control Circuit
- P0206 - Injector 6 Control Circuit
- P0207 - Injector 7 Control Circuit
- P0208 - Injector 8 Control Circuit
- P0209 - Injector 9 Control Circuit

- P0210 - Injector 10 Control Circuit
- P0211 - Injector 11 Control Circuit
- P0212 - Injector 12 Control Circuit
- P0213 - Cold Start Injector 1
- P0214 - Cold Start Injector 2
- P0215 - Engine Shutoff Control Circuit
- P0216 - Injection Timing Control Circuit
- P0217 - Engine Overtemp Condition
- P0218 - Transmission Fluid Overtemperature
- P0219 - Engine Overspeed Condition
- P0220 - APP Sensor 2 Circuit
- P0221 - APP (Throttle Position) Sensor 2 Circuit Performance
- P0222 - APP (Throttle Position) Sensor 2 Circuit Low Voltage
- P0223 - APP (Throttle Position) Sensor 2 Circuit High Voltage
- P0224 - Throttle Position Sensor 2 Intermittent
- P0225 - APP Sensor 3 Circuit
- P0226 - APP Sensor 3 Circuit Performance
- P0227 - APP Sensor 3 Circuit Low Voltage
- P0228 - APP Sensor 3 Circuit High Voltage
- P0229 - Throttle Position Sensor 3 Intermittent
- P0230 - Fuel Pump Relay Control Circuit
- P0231 - Fuel Pump Feedback Circuit Low Voltage
- P0232 - Fuel Pump Feedback Circuit High Voltage
- P0233 - Fuel Pump Secondary Circuit Intermittent
- P0234 - Turbocharger Engine Overboost Condition
- P0235 - Turbocharger Boost Sensor 1 Circuit
- P0236 - Turbocharger Boost System
- P0237 - Turbocharger Boost Sensor Circuit Low Voltage
- P0238 - Turbocharger Boost Sensor Circuit High Voltage
- P0239 - Turbocharger Boost Sensor 2 Circuit
- P0240 - Turbocharger Boost Sensor 2 Performance
- P0241 - Turbocharger Boost Sensor 2 Circuit Low Voltage
- P0242 - Turbocharger Boost Sensor 2 Circuit High Voltage
- P0243 - Turbocharger Wastegate Solenoid 1
- P0244 - Turbocharger Wastegate Solenoid 1 Performance
- P0245 - Turbocharger Wastegate Solenoid 1 Low Voltage
- P0246 - Turbocharger Wastegate Solenoid 1 High Voltage
- P0247 - Turbocharger Wastegate Solenoid 2
- P0248 - Turbocharger Wastegate Solenoid 2 Performance
- P0249 - Turbocharger Wastegate Solenoid 2 Low Voltage
- P0250 - Turbocharger Wastegate Solenoid 2 High Voltage
- P0251 - Injection Pump Fuel Metering Control "A" Malfunction (Cam/Rotor/Injector)
- P0252 - Injection Pump Fuel Metering Control "A" Range/Performance (Cam/Rotor/Injector)
- P0253 - Injection Pump Fuel Metering Control "A" Low (Cam/Rotor/Injector)

- P0254 - Injection Pump Fuel Metering Control "A" High (Cam/Rotor/Injector)
- P0255 - Injection Pump Fuel Metering Control "A" Intermittent (Cam/Rotor/Injector)
- P0256 - Injection Pump Fuel Metering Control "B" Malfunction (Cam/Rotor/Injector)
- P0257 - Injection Pump Fuel Metering Control "B" Range/Performance (Cam/Rotor/Injector)
- P0258 - Injection Pump Fuel Metering Control "B" Low (Cam/Rotor/Injector)
- P0259 - Injection Pump Fuel Metering Control "B" High (Cam/Rotor/Injector)
- P0260 - Injection Pump Fuel Metering Control "B" Intermittent (Cam/Rotor/Injector)
- P0261 - Cylinder 1 Injector Circuit Low
- P0262 - Cylinder 1 Injector Circuit High
- P0263 - Cylinder 1 Contribution/Balance Fault
- P0264 - Cylinder 2 Injector Circuit Low
- P0265 - Cylinder 2 Injector Circuit High
- P0266 - Cylinder 2 Contribution/Balance Fault
- P0267 - Cylinder 3 Injector Circuit Low
- P0268 - Cylinder 3 Injector Circuit High
- P0269 - Cylinder 3 Contribution/Balance Fault
- P0270 - Cylinder 4 Injector Circuit Low
- P0271 - Cylinder 4 Injector Circuit High
- P0272 - Cylinder 4 Contribution/Balance Fault
- P0273 - Cylinder 5 Injector Circuit Low
- P0274 - Cylinder 5 Injector Circuit High
- P0275 - Cylinder 5 Contribution/Balance Fault
- P0276 - Cylinder 6 Injector Circuit Low
- P0277 - Cylinder 6 Injector Circuit High
- P0278 - Cylinder 6 Contribution/Balance Fault
- P0279 - Cylinder 7 Injector Circuit Low
- P0280 - Cylinder 7 Injector Circuit High
- P0281 - Cylinder 7 Contribution/Balance Fault
- P0282 - Cylinder 8 Injector Circuit Low
- P0283 - Cylinder 8 Injector Circuit High
- P0284 - Cylinder 8 Contribution/Balance Fault
- P0285 - Cylinder 9 Injector Circuit Low
- P0286 - Cylinder 9 Injector Circuit High
- P0287 - Cylinder 9 Contribution/Balance Fault
- P0288 - Cylinder 10 Injector Circuit Low
- P0289 - Cylinder 10 Injector Circuit High
- P0290 - Cylinder 10 Contribution/Balance Fault
- P0291 - Cylinder 11 Injector Circuit Low
- P0292 - Cylinder 11 Injector Circuit High
- P0293 - Cylinder 11 Contribution/Balance Fault
- P0294 - Cylinder 12 Injector Circuit Low
- P0295 - Cylinder 12 Injector Circuit High

- P0296 - Cylinder 12 Contribution/Range Fault
- P0300 - Engine Misfire Detected
- P0301 - Cylinder 1 Misfire Detected
- P0302 - Cylinder 2 Misfire Detected
- P0303 - Cylinder 3 Misfire Detected
- P0304 - Cylinder 4 Misfire Detected
- P0305 - Cylinder 5 Misfire Detected
- P0306 - Cylinder 6 Misfire Detected
- P0307 - Cylinder 7 Misfire Detected
- P0308 - Cylinder 8 Misfire Detected
- P0309 - Cylinder 9 Misfire Detected
- P0310 - Cylinder 10 Misfire Detected
- P0311 - Cylinder 11 Misfire Detected
- P0312 - Cylinder 12 Misfire Detected
- P0313 - Misfire Detected With Low Fuel Level
- P0315 - Crankshaft position (CKP) system variation values are not stored in the PCM memory
- P0318 - Rough Road Sensor Circuit
- P0320 - Ignition/Distributor Engine Speed Input Circuit Malfunction
- P0321 - Ignition/Distributor Engine Speed Input Circuit Range/Performance
- P0322 - IC Module 4X Reference Circuit No Frequency
- P0323 - Ignition/Distributor Engine Speed Input Circuit Intermittent
- P0324 - Knock Sensor (KS) Module Performance
- P0325 - PCM Knock Sensor Circuit
- P0326 - Knock Sensor Circuit Excessive Spark Retard
- P0327 - Knock Sensor Circuit Low Voltage
- P0328 - Knock Sensor 1 Circuit High Input (Bank 1 or Single Sensor)
- P0329 - Knock Sensor 1 Circuit Intermittent (Bank 1 or Single Sensor)
- P0330 - Knock Sensor (KS) Circuit Bank 2
- P0331 - Knock Sensor 2 Circuit Range/Performance (Bank 2)
- P0332 - Knock Sensor 2 Circuit Low Input (Bank 2)
- P0333 - Knock Sensor 2 Circuit High Input (Bank 2)
- P0334 - Knock Sensor 2 Circuit Intermittent (Bank 2)
- P0335 - CKP Sensor A Circuit Performance
- P0336 - Crankshaft Position (CKP) Sensor A Performance
- P0337 - Crankshaft Position (CKP) Sensor Circuit Low Duty Cycle
- P0338 - Crankshaft Position (CKP) Sensor Circuit High Duty Cycle
- P0339 - Crankshaft Position (CKP) Sensor Circuit Intermittent
- P0340 - Camshaft Position (CMP) Sensor Circuit
- P0341 - Camshaft Position (CMP) Sensor Performance
- P0342 - Camshaft Position Sensor Circuit Low Input
- P0343 - Camshaft Position Sensor Circuit High Input
- P0344 - Camshaft Position Sensor Circuit Intermittent
- P0350 - Ignition Coil Primary/Secondary Circuit Malfunction
- P0351 - Ignition Coil 1 Control Circuit
- P0352 - Ignition Coil 2 Control Circuit

- P0353 - Ignition Coil 3 Control Circuit
- P0354 - Ignition Coil 4 Control Circuit
- P0355 - Ignition Coil 5 Control Circuit
- P0356 - Ignition Coil 6 Control Circuit
- P0357 - Ignition Coil 7 Control Circuit
- P0358 - Ignition Coil 8 Control Circuit
- P0359 - Ignition Coil I Primary/Secondary Circuit Malfunction
- P0360 - Ignition Coil J Primary/Secondary Circuit Malfunction
- P0361 - Ignition Coil K Primary/Secondary Circuit Malfunction
- P0362 - Ignition Coil L Primary/Secondary Circuit Malfunction
- P0370 - Timing Reference High Resolution Signal A Malfunction
- P0371 - IC 24X Reference Circuit Too Many Pulses
- P0372 - IC 24X Reference Circuit Missing Pulses
- P0373 - Timing Reference High Resolution Signal A Intermittent/Erratic Pulses
- P0374 - Timing Reference High Resolution Signal A No Pulses
- P0375 - Timing Reference High Resolution Signal B Malfunction
- P0376 - Timing Reference High Resolution Signal B Too Many Pulses
- P0377 - Timing Reference High Resolution Signal B Too Few Pulses
- P0378 - Timing Reference High Resolution Signal B Intermittent/Erratic Pulses
- P0379 - Timing Reference High Resolution Signal B No Pulses
- P0380 - Glow Plug/Heater Circuit "A" Malfunction
- P0381 - Glow Plug/Heater Indicator Circuit Malfunction
- P0382 - Exhaust Gas Recirculation Flow Malfunction
- P0385 - Crankshaft Position (CKP) Sensor B Circuit
- P0386 - Crankshaft Position (CKP) Sensor B Performance
- P0387 - Crankshaft Position Sensor B Circuit Low Input
- P0388 - Crankshaft Position Sensor B Circuit High Input
- P0389 - Crankshaft Position Sensor B Circuit Intermittent
- P0400 - Exhaust Gas Recirculation Flow Malfunction
- P0401 - Exhaust Gas Recirculation (EGR) Flow Insufficient
- P0402 - Exhaust Gas Recirculation Flow Excessive Detected
- P0403 - Exhaust Gas Recirculation (EGR) Solenoid Control Circuit
- P0404 - Exhaust Gas Recirculation (EGR) Open Position Performance
- P0405 - Exhaust Gas Recirculation (EGR) Position Sensor Circuit Low Voltage
- P0406 - Exhaust Gas Recirculation Sensor A Circuit High
- P0407 - Exhaust Gas Recirculation Sensor B Circuit Low
- P0408 - Exhaust Gas Recirculation Sensor B Circuit High
- P0410 - Secondary Air Injection (AIR) System
- P0411 - Secondary Air Injection (AIR) System
- P0412 - Secondary Air Injection (AIR) Solenoid Relay Control Circuit Bank 1
- P0413 - Secondary Air Injection System Switching Valve A Circuit Open
- P0414 - Secondary Air Injection System Switching Valve A Circuit Shorted
- P0415 - Secondary Air Injection System Switching Valve B Circuit Malfunction
- P0416 - Secondary Air Injection System Switching Valve B Circuit Open
- P0417 - Secondary Air Injection System Switching Valve B Circuit Shorted
- P0418 - Secondary Air Injection (AIR) Pump Relay Control Circuit Bank 1

- P0419 - Secondary Air Injection (AIR) Pump Relay Control Circuit Bank 2
- P0420 - Catalyst System Low Efficiency
- P0421 - Warm Up Catalyst Efficiency Below Threshold (Bank 1)
- P0422 - Catalyst System Low Efficiency Bank 1
- P0423 - Heated Catalyst Efficiency Below Threshold (Bank 1)
- P0424 - Heated Catalyst Temperature Below Threshold (Bank 1)
- P0430 - Catalyst System Low Efficiency Bank 2
- P0431 - Warm Up Catalyst Efficiency Below Threshold (Bank 2)
- P0432 - Catalyst System Low Efficiency Bank 2
- P0433 - Heated Catalyst Efficiency Below Threshold (Bank 2)
- P0434 - Heated Catalyst Temperature Below Threshold (Bank 2)
- P0440 - Evaporative Emission (EVAP) System
- P0441 - Evaporative Emission Control System Incorrect Purge Flow
- P0442 - Evaporative Emission (EVAP) System Small Leak Detected
- P0443 - EVAP Purge Solenoid Valve 1 Control Circuit
- P0444 - Evaporative Emission Control System Purge Control Valve Circuit Open
- P0445 - Evaporative Emission Control System Purge Control Valve Circuit Shorted
- P0446 - EVAP Vent Solenoid Valve Control System
- P0447 - Evaporative Emission Control System Vent Control Circuit Open
- P0448 - Evaporative Emission Control System Vent Control Circuit Shorted
- P0449 - Evaporative Emission (EVAP) Vent Solenoid Control Circuit
- P0450 - Fuel Tank Pressure Sensor Circuit
- P0451 - Evaporative Emission Control System Pressure Sensor Range/Performance
- P0452 - Fuel Tank Pressure Sensor Circuit Low Voltage
- P0453 - Fuel Tank Pressure Sensor Circuit High Voltage
- P0454 - Evaporative Emission Control System Pressure Sensor Intermittent
- P0455 - Evaporative Emission (EVAP) System Leak Detected
- P0460 - Fuel Level Sensor Circuit
- P0461 - Fuel Level Sensor Performance
- P0462 - Fuel Level Sensor Circuit Low Voltage
- P0463 - Fuel Level Sensor Circuit High Voltage
- P0464 - Fuel Level Sensor Circuit Intermittent
- P0465 - Purge Flow Sensor Circuit Malfunction
- P0466 - Purge Flow Sensor Circuit Range/Performance
- P0467 - Purge Flow Sensor Circuit Low Input
- P0468 - Purge Flow Sensor Circuit High Input
- P0469 - Purge Flow Sensor Circuit Intermittent
- P0470 - Exhaust Pressure Sensor Malfunction
- P0471 - Exhaust Pressure Sensor Range/Performance
- P0472 - Exhaust Pressure Sensor Low
- P0473 - Exhaust Pressure Sensor High
- P0474 - Exhaust Pressure Sensor Intermittent
- P0475 - Exhaust Pressure Control Valve Malfunction
- P0476 - Exhaust Pressure Control Valve Range/Performance

- P0477 - Exhaust Pressure Control Valve Low
- P0478 - Exhaust Pressure Control Valve High
- P0479 - Exhaust Pressure Control Valve Intermittent
- P0480 - Cooling Fan Relay 1 Control Circuit
- P0481 - Cooling Fan Relay 2 Control Circuit
- P0482 - Cooling Fan 3 Control Circuit Malfunction
- P0483 - Cooling Fan Rationality Check Malfunction
- P0484 - Cooling Fan Circuit Over Current
- P0485 - Cooling Fan Power/Ground Circuit Malfunction
- P0496 - Evaporative Emission (EVAP) System Flow During Non-Purge
- P0500 - Vehicle Speed Sensor (VSS) Circuit
- P0501 - Vehicle Speed Sensor Range/Performance
- P0502 - Vehicle Speed Sensor (VSS) Circuit Low Input
- P0503 - Vehicle Speed Sensor (VSS) Circuit Intermittent
- P0505 - Idle Control System Malfunction
- P0506 - Idle Speed Low
- P0507 - Idle Speed High
- P0510 - Closed Throttle Position Switch Malfunction
- P0512 - Start Switch Circuit
- P0520 - Engine Oil Pressure Sensor/Switch Circuit Malfunction
- P0521 - Engine Oil Pressure Sensor/Switch Circuit Range/Performance
- P0522 - Engine Oil Pressure Sensor/Switch Circuit Low Voltage
- P0523 - Engine Oil Pressure Sensor/Switch Circuit High Voltage
- P0526 - Cooling Fan Speed Sensor Circuit
- P0530 - A/C Refrigerant Pressure Sensor Circuit Malfunction
- P0531 - A/C Refrigerant Pressure Sensor Circuit Range/Performance
- P0532 - Air Conditioning (A/C) Refrigerant Pressure Sensor Circuit Low Voltage
- P0533 - Air Conditioning (A/C) Refrigerant Pressure Sensor Circuit High Voltage
- P0534 - Air Conditioner Refrigerant Charge Loss
- P0550 - Power Steering Pressure (PSP) Switch Circuit
- P0551 - Power Steering Pressure Sensor Circuit Range/Performance
- P0552 - Power Steering Pressure Sensor Circuit Low Input
- P0553 - Power Steering Pressure Sensor Circuit High Input
- P0554 - Power Steering Pressure Sensor Circuit Intermittent
- P0560 - System Voltage
- P0561 - System Voltage Unstable
- P0562 - System Voltage Low (TCM)
- P0563 - System Voltage High (TCM)
- P0564 - Cruise Control Multi-Function Switch Circuit (PCM)
- P0565 - Cruise Control On Signal Malfunction
- P0566 - Cruise Control Off Signal Malfunction
- P0567 - Cruise Control Resume Signal Malfunction
- P0568 - Cruise Control Set Signal Malfunction
- P0569 - Cruise Control Coast Signal Malfunction
- P0570 - Cruise Control Accel Signal Malfunction
- P0571 - Cruise Control Brake Switch Circuit

- P0573 - Cruise Control/Brake Switch A Circuit High
- P0574 - Vehicle Speed Too High - above 110 mph - Cruise Control Disabled
- P0575 - Cruise Control Related Malfunction
- P0576 - Cruise Control Related Malfunction
- P0576 - Cruise Control Related Malfunction
- P0578 - Cruise Control Related Malfunction
- P0579 - Cruise Control Related Malfunction
- P0580 - Cruise Control Related Malfunction
- P0600 - Serial Communication Link Malfunction
- P0601 - Control Module Read Only Memory (ROM)
- P0602 - Control Module Not Programmed
- P0603 - Control Module Long Term Memory Reset
- P0604 - Control Module Random Access Memory (RAM)
- P0605 - Control Module Programming Read Only Memory (ROM)
- P0606 - Control Module Internal Performance
- P0607 - ECU Malfunction
- P0608 - Control Module VSS Output "A" Malfunction
- P0609 - Control Module VSS Output "B" Malfunction
- P0610 - Control Module Vehicle Options Incorrect
- P0615 - Starter Relay Control Circuit
- P0616 - Starter Relay Control Circuit Low Voltage
- P0617 - Starter Relay Control Circuit High Voltage
- P0620 - Generator Control Circuit Malfunction
- P0621 - Generator L-Terminal Circuit
- P0622 - Generator F-Terminal Circuit
- P0625 - Generator F-Terminal Circuit Low Voltage
- P0626 - Generator F-Terminal Circuit High Voltage
- P0628 - Fuel Pump Relay Control Circuit Low Voltage
- P0629 - Fuel Pump Relay Control Circuit High Voltage
- P0638 - Throttle Actuator Control (TAC) Command Performance
- P0641 - PCM voltage out of tolerance condition on the 5-volt reference circuit
- P0645 - Air Conditioning (A/C) Clutch Relay Control Circuit
- P0646 - Air Conditioning (A/C) Clutch Relay Control Circuit
- P0647 - Air Conditioning (A/C) Clutch Relay Control Circuit
- P0650 - Malfunction Indicator Lamp (MIL) Control Circuit
- P0651 - PCM voltage out of tolerance condition on the 5-volt reference circuit
- P0654 - Engine RPM Output Circuit Malfunction
- P0655 - Engine Hot Lamp Output Control Circuit Malfunction
- P0656 - Fuel Level Output Circuit Malfunction
- P0660 - Intake Manifold Tuning (IMT) Valve Solenoid Control Circuit
- P0661 - Intake Manifold Tuning (IMT) Valve Solenoid Control Circuit Low Voltage
- P0662 - Intake Manifold Tuning (IMT) Valve Solenoid Control Circuit High Voltage
- P0685 - Engine Controls Ignition Relay Control Circuit (PCM)
- P0691 - Cooling Fan Relay Control Circuit Low Voltage

- P0693 - Cooling Fan Relay Control Circuit Low Voltage
- P0692 - Cooling Fan Relay Control Circuit High Voltage
- P0694 - Cooling Fan Relay Control Circuit High Voltage
- P0700 - Transmission Control System Malfunction
- P0701 - Transmission Control System Range/Performance
- P0702 - Transmission Control System Electrical
- P0703 - Brake Switch Circuit Malfunction
- P0704 - Clutch Switch Input Circuit Malfunction
- P0705 - Trans Range Switch Circuit
- P0706 - Trans Range Switch Performance
- P0707 - Transmission Range Sensor Circuit Low Input
- P0708 - Transmission Range Sensor Circuit High Input
- P0709 - Transmission Range Sensor Circuit Intermittent
- P0710 - Transmission Fluid Temperature Sensor Circuit Malfunction
- P0711 - TFT Sensor Circuit Range/Performance
- P0712 - Transmission Fluid Temperature (TFT) Sensor Circuit Low Input
- P0713 - Transmission Fluid Temperature (TFT) Sensor Circuit High Input
- P0714 - Transmission Fluid Temperature Sensor Circuit Intermittent
- P0715 - Input/Turbine Speed Sensor Circuit Malfunction
- P0716 - Input Speed Sensor Circuit Intermittent
- P0717 - Input Speed Sensor Circuit Low Input
- P0718 - Input/Turbine Speed Sensor Circuit Intermittent
- P0719 - Brake Switch Circuit Low Input
- P0720 - Output Speed Sensor Circuit Malfunction
- P0721 - Output Speed Sensor Range/Performance
- P0722 - Output Speed Sensor Circuit Low Input
- P0723 - Output Speed Sensor Intermittent
- P0724 - Brake Switch Circuit High Input
- P0725 - Engine Speed Input Circuit
- P0726 - Engine Speed Input Circuit Range/Performance
- P0727 - Engine Speed Circuit No Signal
- P0728 - Engine Speed Input Circuit Intermittent
- P0730 - Incorrect Gear Ratio
- P0731 - Incorrect 1st Gear Ratio
- P0732 - Incorrect 2nd Gear Ratio
- P0733 - Incorrect 3rd Gear Ratio
- P0734 - Incorrect 4th Gear Ratio
- P0735 - Gear 5 Incorrect ratio
- P0736 - Reverse incorrect gear ratio
- P0740 - TCC Enable Solenoid Circuit Electrical
- P0741 - TCC System Stuck Off
- P0742 - TCC System Stuck On
- P0743 - TCC Enable Solenoid Circuit Electrical
- P0744 - Torque Converter Clutch Circuit Intermittent
- P0745 - Pressure Control Solenoid Malfunction
- P0746 - Pressure Control Solenoid Performance or Stuck Off

- P0747 - Pressure Control Solenoid Stuck On
- P0748 - Pressure Control Solenoid Circuit Electrical
- P0749 - Pressure Control Solenoid Intermittent
- P0750 - Shift Solenoid A Malfunction
- P0751 - 1-2 Shift Solenoid Valve Performance - No First or Fourth Gear
- P0752 - 1-2 Shift Solenoid Valve Performance - No Second or Third Gear
- P0753 - 1-2 Shift Solenoid Circuit Electrical
- P0754 - Shift Solenoid A Intermittent
- P0755 - Shift Solenoid B Malfunction
- P0756 - 2-3 Shift Solenoid Valve Performance - No First or Second Gear
- P0757 - 2-3 Shift Solenoid Valve Performance - No Third or Fourth Gear
- P0758 - 2-3 Shift Solenoid Circuit Electrical
- P0759 - Shift Solenoid B Intermittent
- P0760 - Shift Solenoid C Malfunction
- P0761 - Shift Solenoid C Performance or Stuck Off
- P0762 - Shift Solenoid C Stuck On
- P0763 - Shift Solenoid C Electrical
- P0764 - Shift Solenoid C Intermittent
- P0765 - Shift Solenoid D Malfunction
- P0766 - Shift Solenoid D Performance or Stuck Off
- P0767 - Shift Solenoid D Stuck On
- P0768 - Shift Solenoid D Electrical
- P0769 - Shift Solenoid D Intermittent
- P0770 - Shift Solenoid E Malfunction
- P0771 - Shift Solenoid E Performance or Stuck Off
- P0772 - Shift Solenoid E Stuck On
- P0773 - Shift Solenoid E Electrical
- P0774 - Shift Solenoid E Intermittent
- P0780 - Shift Malfunction
- P0781 - 1-2 Shift Malfunction
- P0782 - 2-3 Shift Malfunction
- P0783 - 3-4 Shift Malfunction
- P0784 - 4-5 Shift Malfunction
- P0785 - 3-2 Shift Solenoid Circuit Electrical
- P0786 - Shift/Timing Solenoid Range/Performance
- P0787 - Shift/Timing Solenoid Low
- P0788 - Shift/Timing Solenoid High
- P0789 - Shift/Timing Solenoid Intermittent
- P0790 - Normal/Performance Switch Circuit Malfunction
- P0801 - Reverse Inhibit Control Circuit Malfunction
- P0803 - 1-4 Upshift (Skip Shift) Solenoid Control Circuit Malfunction
- P0804 - 1-4 Upshift (Skip Shift) Lamp Control Circuit Malfunction
- P0850 - Park/Neutral Position (PNP) Switch Circuit
- P0856 - Powertrain Indicated Traction Control Malfunction
- P0894 - Transmission Component Slipping
- P0897 - PCM detects a calculated transmission fluid life of 10 percent or less

- P0962 - Line Pressure Control (PC) Solenoid Control Circuit Low Voltage (TCM)
- P0963 - Line Pressure Control (PC) Solenoid Control Circuit High Voltage (TCM)
- P0966 - Clutch Pressure Control (PC) Solenoid Control Circuit Low Voltage (TCM)
- P0967 - Clutch Pressure Control (PC) Solenoid Control Circuit High Voltage (TCM)
- P0970 - Shift Pressure control (PC) Solenoid Control Circuit Low Voltage (TCM)
- P0971 - Shift Pressure Control (PC) Solenoid Control High Voltage (TCM)
- P0973 - PCM detects an open or short to ground in the 1-2 SS valve circuit
- P0974 - PCM detects a continuous short to voltage in the 1-2 SS valve circuit
- P0976 - PCM detects a continuous open or short to ground in the 2-3 SS valve circuit
- P0977 - PCM detects a continuous short to voltage in the 2-3 SS valve circuit
- P0979 - Shift Solenoid (SS) 3 Control Circuit Low Voltage (TCM)
- P0980 - Shift Solenoid (SS) 3 Control Circuit High Voltage (TCM)
- P0982 - Shift Solenoid (SS) 4 Control Circuit High Voltage (TCM)
- P0983 - Shift Solenoid (SS) 4 Control Circuit High Voltage (TCM)
- P0985 - Shift Solenoid (SS) 5 Control Circuit Low Voltage (TCM)
- P0986 - Shift Solenoid (SS) 5 Control Circuit High Voltage (TCM)
- P1031 - Heated Oxygen Sensor (HO2S) Heater Current Monitor Control Circuit Banks 1 and 2 Sensor 1
- P1032 - Heated Oxygen Sensor (HO2S) Heater Warm Up Control Circuit Banks 1 and 2 Sensor 1
- P1101 - Actual measured airflow from MAF, MAP, EGR, and TP is not within range of the calculated airflow
- P1105 - Secondary Vacuum Sensor Circuit
- P1106 - Manifold Absolute Pressure (MAP) Sensor Circuit Intermittent High Voltage
- P1107 - Manifold Absolute Pressure (MAP) Sensor Circuit Intermittent Low Voltage
- P1108 - BARO to MAP Sensor Comparison Too High
- P1109 - Secondary Port Throttle System
- P1111 - Intake Air Temperature (IAT) Sensor Circuit Intermittent High Voltage
- P1112 - Intake Air Temperature (IAT) Sensor Circuit Intermittent Low Voltage
- P1113 - Intake Resonance Switchover Solenoid Control Circuit
- P1114 - Engine Coolant Temperature (ECT) Sensor Circuit Intermittent Low Voltage
- P1115 - Engine Coolant Temperature (ECT) Sensor Circuit Intermittent High Voltage
- P1116 - ECT Signal Unstable or Intermittent
- P1117 - Engine Coolant Temp. Signal Out-Of-Range Low
- P1118 - Engine Coolant Temp. Signal Out-Of-Range High
- P1119 - ECT Signal Out-Of-Range With TFT Sensor
- P1120 - Throttle Position (TP) Sensor 1 Circuit

- P1121 - Throttle Position (TP) Sensor Circuit Intermittent High Voltage
- P1122 - Throttle Position (TP) Sensor Circuit Intermittent Low Voltage
- P1125 - Accelerator Pedal Position (APP) System
- P1130 - Heated Oxygen Sensor (HO2S) Circuit Low Variance Bank 1 Sensor 1
- P1131 - Heated Oxygen Sensor (HO2S) Circuit Low Variance Bank 1 Sensor 2
- P1132 - Heated Oxygen Sensor (HO2S) Circuit Low Variance Bank 2 Sensor 1
- P1133 - Heated Oxygen Sensor (HO2S) Insufficient Switching Bank 1 Sensor 1
- P1134 - Heated Oxygen Sensor (HO2S) Transition Time Ratio Bank 1 Sensor 1
- P1135 - Heated Oxygen Sensor (HO2S) Lean Mean Bank 1 Sensor 1
- P1136 - Heated Oxygen Sensor (HO2S) Rich Mean Bank 1 Sensor 1
- P1137 - Heated Oxygen Sensor (HO2S) Bank 1 Sensor 2 Lean System or Low Voltage
- P1138 - Heated Oxygen Sensor (HO2S) Bank 1 Sensor 2 Rich or High Voltage
- P1139 - Heated Oxygen Sensor (HO2S) Insuff. Switching Bank 1 Sensor 2
- P1140 - Heated Oxygen Sensor (HO2S) Transition Time Ratio Bank 1 Sensor 2
- P1141 - Heated Oxygen Sensor (HO2S) Heater Control Circuit Bank 1 Sensor 2
- P1143 - Heated Oxygen Sensor (HO2S) Bank 1 Sensor 3 Lean System or Low Voltage
- P1144 - Heated Oxygen Sensor (HO2S) Bank 1 Sensor 3 Rich or High Voltage
- P1145 - Heated Oxygen Sensor (HO2S) Cross Counts Bank 1 Sensor 3
- P1153 - Heated Oxygen Sensor (HO2S) Insufficient Switching Bank 2 Sensor 1
- P1154 - Heated Oxygen Sensor (HO2S) Transition Time Ratio Bank 2 Sensor 1
- P1155 - Heated Oxygen Sensor (HO2S) Lean Mean Bank 2 Sensor 1
- P1156 - Heated Oxygen Sensor (HO2S) Rich Mean Bank 2 Sensor 1
- P1157 - Heated Oxygen Sensor (HO2S) Bank 2 Sensor 2 Lean System or Low Voltage
- P1158 - Heated Oxygen Sensor (HO2S) Bank 2 Sensor 2 Rich or High Voltage
- P1159 - Heated Oxygen Sensor (HO2S) Cross Counts Bank 2 Sensor 2
- P1161 - Heated Oxygen Sensor (HO2S) Heater Control Circuit Bank 2 Sensor 2
- P1163 - Heated Oxygen Sensor (HO2S) Bank 2 Sensor 3 Lean System or Low Voltage
- P1164 - Heated Oxygen Sensor (HO2S) Bank 2 Sensor 3 Rich or High Voltage
- P1165 - Heated Oxygen Sensor (HO2S) Cross Counts Bank 2 Sensor 3
- P1170 - Bank to Bank Fuel Trim Offset
- P1171 - Fuel System Lean During Acceleration
- P1172 - Fuel Transfer Pump Flow Insufficient
- P1185 - Engine Oil Temperature Circuit
- P1186 - EOT Circuit Performance
- P1187 - EOT Sensor Circuit Low Voltage
- P1188 - EOT Sensor Circuit High Voltage
- P1189 - Engine Oil Pressure (EOP) Switch Circuit
- P1190 - Engine Vacuum Leak
- P1191 - Intake Air Duct Air Leak
- P1200 - Injector Control Circuit
- P1201 - (Alt. Fuel) Gas Mass Sensor Circuit Range/Performance
- P1202 - (Alt. Fuel) Gas Mass Sensor Circuit Low Frequency

- P1203 - (Alt. Fuel) Gas Mass Sensor Circuit High Frequency
- P1211 - Mass Air Flow Circuit Intermittent High
- P1212 - Mass Air Flow Circuit Intermittent Low
- P1214 - Injection Pump Timing Offset
- P1215 - Ground Fault Detection Indicated
- P1216 - Fuel Solenoid Response Time Too Short
- P1217 - Fuel Solenoid Response Time Too Long
- P1218 - Injection Pump Calibration Circuit
- P1219 - Throttle Position Sensor Reference Voltage
- P1220 - Throttle Position (TP) Sensor 2 Circuit
- P1221 - Fuel Pump Secondary Circuit Low
- P1222 - Injector Control Circuit Intermittent
- P1225 - Injector Circuit Cylinder 2 Intermittent
- P1228 - Injector Circuit Cylinder 3 Intermittent
- P1231 - Injector Circuit Cylinder 4 Intermittent
- P1234 - Injector Circuit Cylinder 5 Intermittent
- P1237 - Injector Circuit Cylinder 6 Intermittent
- P1240 - Injector Circuit Cylinder 7 Intermittent
- P1243 - Injector Circuit Cylinder 8 Intermittent
- P1245 - Intake Plenum Switchover Valve
- P1250 - Early Fuel Evaporation Heater Circuit
- P1257 - Supercharger System Overboost
- P1258 - Engine Coolant Overtemperature - above 268°F - Protection Mode Active
- P1260 - Last Test Failed Failed SCC ENTER:More Info.
- P1270 - Accelerator Pedal Position Sensor A/D Converter Error
- P1271 - Accelerator Pedal Position (APP) Sensor 1-2 Correlation
- P1272 - Accelerator Pedal Position Sensor 2
- P1273 - "Accelerator Pedal Position Sensor 1
- P1274 - Injectors Wired Incorrectly
- P1275 - Accelerator Pedal Position (APP) Sensor 1 Circuit
- P1276 - Accelerator Pedal Position Sensor 1 Circuit Performance
- P1277 - Accelerator Pedal Position Sensor 1 Circuit Low Voltage
- P1278 - Accelerator Pedal Position Sensor 1 Circuit High Voltage
- P1280 - Accelerator Pedal Position (APP) Sensor 2 Circuit
- P1281 - Accelerator Pedal Position Sensor 2 Circuit Performance
- P1282 - Accelerator Pedal Position Sensor 2 Circuit Low Voltage
- P1283 - Accelerator Pedal Position Sensor 2 Circuit High Voltage
- P1285 - Accelerator Pedal Position Sensor 3 Circuit
- P1286 - Accelerator Pedal Position Sensor 3 Circuit Performance
- P1287 - Accelerator Pedal Position Sensor 3 Circuit Low Voltage
- P1288 - Accelerator Pedal Position Sensor 3 Circuit High Voltage
- P1300 - Ignitor Circuit
- P1305 - Ignition Coil 2 Primary Feedback Circuit
- P1310 - Ignition Coil 3 Primary Feedback Circuit
- P1315 - Ignition Coil 4 Primary Feedback Circuit

- P1320 - IC 4X Reference Circuit Intermittent
- P1321 - Electronic Ignition System Fault Line
- P1322 - EI System or Ignition Control Extra or Missing
- P1323 - IC 24X Reference Circuit Low Frequency
- P1324 - Crank RPM Too Low
- P1335 - CKP Circuit
- P1336 - Crankshaft Position (CKP) System Variation Not Learned
- P1345 - Crankshaft Position (CKP)-Camshaft Position (CMP) Correlation
- P1346 - Intake Camshaft Position [CMP] Sensor System Performance
- P1350 - Ignition Control System
- P1351 - Ignition Coil Control Circuit High Voltage
- P1352 - IC Output High/Pulse Detected when GND_Cyl. 2
- P1353 - IC Output High/Pulse Detected when GND_Cyl. 3
- P1354 - IC Output High/Pulse Detected when GND_Cyl. 4
- P1355 - IC Output High/Pulse Detected when GND_Cyl. 5
- P1356 - IC Output High/Pulse Detected when GND_Cyl. 6
- P1357 - IC Output High/Pulse Detected when GND_Cyl. 7
- P1358 - IC Output High/Pulse Detected when GND_Cyl. 8
- P1359 - Ignition Coil Group 1 Control Circuit
- P1360 - Ignition Coil Group 2 Control Circuit
- P1361 - Ignition Coil Control Circuit Low Voltage
- P1362 - IC Cylinder 2 Not Toggling After Enable
- P1363 - IC Cylinder 3 Not Toggling After Enable
- P1364 - IC Cylinder 4 Not Toggling After Enable
- P1365 - IC Cylinder 5 Not Toggling After Enable
- P1366 - IC Cylinder 6 Not Toggling After Enable
- P1367 - IC Cylinder 7 Not Toggling After Enable
- P1368 - IC Cylinder 8 Not Toggling After Enable
- P1370 - IC 4X Reference Circuit Too Many Pulses
- P1371 - IC 4X Reference Circuit Too Few Pulses
- P1372 - Crankshaft Position (CKP) Sensor A-B Correlation
- P1374 - 3X Reference Circuit
- P1375 - IC 24X Reference Circuit High Voltage
- P1376 - Ignition Ground Circuit
- P1377 - IC Cam Pulse To 4X Reference Pulse
- P1380 - Misfire Detected - Rough Road Data Not Available
- P1381 - Misfire Detected - No Communication with Brake Control Module
- P1390 - Wheel Speed Sensor 1 - G - Sensor Circuit
- P1391 - Wheel Speed Sensor 1 - G - Sensor Circuit Performance
- P1392 - Wheel Speed Sensor 1 - G - Sensor Circuit Low Voltage
- P1393 - Wheel Speed Sensor 1 - G - Sensor Circuit High Voltage
- P1394 - Wheel Speed Sensor 1 - G - Sensor Circuit Intermittent
- P1395 - Wheel Speed Sensor 2 - G - Sensor Circuit
- P1396 - Wheel Speed Sensor 2 - G - Sensor Circuit Performance
- P1397 - Wheel Speed Sensor 2 - G - Sensor Circuit Low Voltage
- P1398 - Wheel Speed Sensor 2 - G - Sensor Circuit High Voltage

- P1399 - Wheel Speed Sensor 2 - G - Sensor Circuit Intermittent
- P1403 - Exhaust Gas Recirculation System Valve 1
- P1404 - Exhaust Gas Recirculation (EGR) Closed Position Performance
- P1405 - Exhaust Gas Recirculation System Valve 3
- P1406 - EGR Valve Pintle Position Circuit
- P1407 - EGR Air Intrusion in Exhaust Supply to EGR Valve
- P1408 - Intake Manifold Pressure Sensor Circuit
- P1409 - EGR Vacuum System Leak
- P1410 - Fuel Tank Pressure System
- P1415 - Secondary Air Injection (AIR) System Bank 1
- P1416 - Secondary Air Injection (AIR) System Bank 2
- P1418 - Secondary Air Injection System Relay A Control Circuit High
- P1420 - Intake Air Low Pressure Switch Circuit Low Voltage
- P1421 - Intake Air Low Pressure Switch Circuit High Voltage
- P1423 - Intake Air High Pressure Switch Circuit High Voltage
- P1431 - Fuel Level Sensor 2 Circuit Performance
- P1432 - Fuel Level Sensor 2 Circuit Low Voltage
- P1433 - Fuel Level Sensor 2 Circuit High Voltage
- P1441 - Evaporative Emission (EVAP) System Flow During Non-Purge
- P1442 - EVAP Vacuum Sw. High Voltage During Ign. On
- P1450 - Barometric Pressure Sensor Circuit
- P1451 - Barometric Press. Sensor Performance
- P1460 - Cooling Fan Control System
- P1480 - Cooling Fan 1 Control Circuit High
- P1481 - Cooling Fan Speed Sensor Circuit
- P1482 - Cooling Fan Speed Output Circuit
- P1483 - Engine Cooling System Performance
- P1484 - Cooling Fan System Performance
- P1500 - Starter Signal Circuit
- P1501 - Theft Deterrent System
- P1501 - Vehicle Speed Sensor Circuit Intermittent
- P1502 - Theft Deterrent Fuel Enable Signal Not Received
- P1503 - Theft Deterrent Fuel Enable Signal Not Correct
- P1504 - Vehicle Speed Output Circuit
- P1508 - Idle Speed Low - Idle Air Control (IAC) System Not Responding
- P1509 - Idle Speed High - Idle Air Control (IAC) System Not Responding
- P1510 - Throttle Control System Performance - Throttle Limitation Active
- P1511 - Throttle Control System - Backup System Performance
- P1514 - Airflow to TP Sensor Correlation High
- P1515 - Electronic Throttle System Throttle Position
- P1516 - Throttle Actuator Control (TAC) Module Throttle Actuator Position Performance
- P1517 - Electronic Throttle Module
- P1518 - Electronic Throttle Module to PCM Communication
- P1519 - Throttle Actuator Control (TAC) Module Internal Circuit
- P1520 - Transmission Range Switch Circuit

- P1521 - Transmission Engaged at High Throttle Angle
- P1522 - Park/Neutral to Drive/Reverse at High RPM
- P1523 - Throttle Closed Position Performance
- P1524 - Throttle Closed Position Performance
- P1525 - Throttle Body ServiceRequired
- P1526 - Minimum Throttle Position Not Learned
- P1527 - Transmission Range to Pressure Switch Correlation
- P1528 - Governor
- P1529 - Heated Windshield Request Problem
- P1530 - Throttle Actuator Control (TAC) Module Internal Circuit
- P1531 - A/C Low Side Temperature Sensor Fault
- P1532 - A/C Evaporator Temp. Sens. Circuit Low Voltage
- P1533 - A/C Evaporator Temp. Sens. Circuit High Voltage
- P1534 - A/C High Side Temp. Sensor Low Voltage
- P1535 - A/C High Side Temperature Sensor Circuit
- P1536 - Engine Coolant Overtemperature - Air Conditioning (A/C) Disabled
- P1537 - A/C Request Circuit Low Voltage
- P1538 - A/C Request Circuit High Voltage
- P1539 - A/C Clutch Status Circuit High Voltage
- P1540 - Air Conditioning (A/C) Refrigerant Overpressure - Air Conditioning (A/C) Disabled
- P1541 - A/C High Side Over Temperature
- P1542 - A/C System High Pressure High Temperature
- P1543 - A/C System Performance
- P1544 - A/C Refrigerant Condition Very Low
- P1545 - Air Conditioning (A/C) Clutch Relay Control Circuit
- P1546 - A/C Clutch Status Circuit Low Voltage
- P1547 - A/C System Performance Degraded
- P1548 - A/C Recirculation Circuit
- P1551 - Throttle Valve Rest Position Not Reached During Learn
- P1554 - Cruise Control Feedback Circuit
- P1555 - Electronic Variable Orifice Output
- P1558 - Cruise Control Servo Indicates Low
- P1559 - Cruise Control Power Management Mode
- P1560 - Transaxle Not in Drive - Cruise Control Disabled
- P1561 - Cruise Vent Solenoid
- P1562 - Cruise Vacuum Solenoid
- P1563 - Cruise Vehicle Speed/Set Speed Difference Too High
- P1564 - Vehicle Acceleration Too High - Cruise Control Disabled
- P1565 - Cruise Servo Position Sensor
- P1566 - Engine RPM Too High - Cruise Control Disabled
- P1567 - Active Banking Control Active - Cruise Control Disabled
- P1568 - Cruise Servo Stroke Greater than Commanded in Cruise
- P1569 - Cruise Servo Stroke High While not in Cruise
- P1570 - Traction Control Active - Cruise Control Disabled
- P1571 - Traction Control Torque Request Circuit

- P1572 - ASR Active Circuit Low Too Long
- P1573 - PCM/EBTCM Serial Data Circuit
- P1574 - Stoplamp Switch Circuit
- P1575 - Extended Travel Brake Switch Circuit
- P1576 - BBV Sensor Circuit High Voltage
- P1577 - BBV Sensor Circuit Low Voltage
- P1578 - BBV Sensor Circuit Low Vacuum
- P1579 - P/N to D/R at High Throttle Angle - Power Reduction Mode Active
- P1580 - Cruise Move Circuit Low Voltage
- P1581 - Cruise Move Circuit High Voltage
- P1582 - Cruise Direction Circuit Low Voltage
- P1583 - Cruise Direction Circuit High Voltage
- P1584 - Cruise Control Disabled
- P1585 - Cruise Control Inhibit Output Circuit
- P1586 - Cruise Control Brake Switch 2 Circuit
- P1587 - Cruise Control Clutch Control Circuit Low
- P1588 - Cruise Control Clutch Control Circuit High
- P1599 - Engine Stall or Near Stall Detected
- P1600 - TCM Internal Watchdog Operation
- P1601 - Serial Comm. Problem With Device 1
- P1602 - Knock Sensor (KS) Module Performance
- P1603 - Loss of SDM Serial Data
- P1604 - Loss of IPC Serial Data
- P1605 - Loss of HVAC Serial Data
- P1606 - Serial Communication Problem With Device 6
- P1607 - Serial Communication Problem With Device 7
- P1608 - Serial Communication Problem With Device 8
- P1609 - Loss Of TCS Serial Data
- P1610 - Loss of PZM Serial Data
- P1611 - Loss of CVRTD Serial Data
- P1612 - Loss of IPM Serial Data
- P1613 - Loss of DIM Serial Data
- P1614 - Loss of RIM Serial Data
- P1615 - Loss of VTD Serial Data
- P1617 - Engine Oil Level Switch Circuit
- P1619 - Engine Oil Life Monitor Reset Circuit
- P1620 - Low Coolant Circuit
- P1621 - Control Module Long Term Memory Performance
- P1622 - Cylinder Select
- P1623 - Transmission Temp Pull-Up Resistor
- P1624 - Customer Snapshot Requested - Data Available
- P1625 - TCM System Reset
- P1626 - Theft Deterrent Fuel Enable Signal Not Received
- P1627 - A/D Performance
- P1628 - ECT Pull-Up Resistor
- P1629 - Theft Deterrent System - Cranking Signal

- P1630 - Theft Deterrent Learn Mode Active
- P1631 - Theft Deterrent Start Enable Signal Not Correct
- P1632 - Theft Deterrent Fuel Disable Signal Received
- P1633 - Ignition 0 Switch Circuit
- P1634 - Ignition 1 Switch Circuit
- P1635 - 5 Volt Reference Circuit
- P1636 - PCM Stack Overrun
- P1637 - Generator L-Terminal Circuit
- P1638 - Generator F-Terminal Circuit
- P1639 - 5 Volt Reference 2 Circuit
- P1640 - Driver-1-Input High Voltage
- P1641 - Malfunction Indicator Lamp (MIL) Control Circuit
- P1642 - Vehicle Speed Output Circuit
- P1643 - Engine Speed Output Circuit
- P1644 - Traction Control Delivered Torque Output Circuit
- P1645 - Evaporative Emission (EVAP) Vent Solenoid Control Circuit
- P1646 - Evaporative Emission (EVAP) Vent Solenoid Control Circuit
- P1647 - Driver 1 Line 7
- P1650 - Control Module Output B Circuit
- P1651 - Fan 1 Relay Control Circuit
- P1652 - Powertrain Induced Chassis Pitch Output Circuit
- P1653 - Oil Level Lamp Control Circuit
- P1654 - Cruise Control Inhibit Output Circuit
- P1655 - EVAP Purge Solenoid Control Circuit
- P1656 - Driver 2 Line 6
- P1657 - 1-4 Upshift Solenoid Control Circuit
- P1658 - Starter Enable Relay Control Circuit
- P1660 - Cooling Fan Control Circuits
- P1661 - MIL Control Circuit
- P1662 - Cruise Lamp Control Circuit
- P1663 - Oil Life Lamp Control Circuit
- P1664 - 1-4 Upshift Lamp Control Circuit
- P1665 - Driver 3 Line 5
- P1666 - Driver 3 Line 6
- P1667 - Reverse Inhibit Solenoid Control Circuit
- P1669 - ABS Unit Expected
- P1670 - Driver 4
- P1671 - Driver 4 Line 1
- P1672 - Low Engine Oil Level Lamp Control Circuit
- P1673 - Engine Hot Lamp Control Circuit
- P1674 - Tachometer Control Circuit
- P1675 - EVAP Vent Solenoid Control Circuit
- P1676 - Driver 4 Line 6
- P1677 - Driver 4 Line 7
- P1680 - Driver 5 (ECU Malfunction)
- P1681 - Driver 5 Line 1

- P1682 - Driver 5 Line 2
- P1683 - Driver 5 Line 3
- P1684 - Driver 5 Line 4
- P1685 - Driver 5 Line 5
- P1686 - Driver 5 Line 6
- P1687 - Driver 5 Line 7
- P1689 - Delivered Torque Circuit Fault
- P1690 - ECM Loop Overrun
- P1691 - Coolant Gage Circuit Low Voltage
- P1692 - Coolant Gage Circuit High Voltage
- P1693 - Tachometer Circuit Low Voltage
- P1694 - Tachometer Circuit High Voltage
- P1695 - Remote Keyless Entry Circuit Low
- P1696 - Remote Keyless Entry Voltage High
- P1700 - Transmission Control Module (TCM) Requested MIL Illumination
- P1701 - Trans. MIL Request Circuit
- P1705 - P/N Signal Output Circuit
- P1719 - Incorrect Shifting Detected (TCM)
- P1740 - Torque Reduction Signal Circuit
- P1743 - TP Signal from ECM
- P1760 - TCM Supply Voltage Interrupted
- P1779 - Engine Torque Delivered to TCM Signal
- P1780 - Park/Neutral Position [PNP] Switch Circuit
- P1781 - Engine Torque Signal Circuit
- P1790 - Transmission Control Module Checksum
- P1791 - Transmission Control Module Loop
- P1791 - Throttle/Pedal Position Signal (2000+)
- P1792 - Transmission Control Module Reprogrammable Memory
- P1792 - ECM to TCM Engine Coolant Signal
- P1793 - Transmission Control Module Stack Overrun
- P1793 - Wheel Speed Signal (2000+)
- P1795 - CAN Bus - Throttle Body Position
- P1800 - TCM Power Relay Control Circuit
- P1801 - Performance Selector Switch Failure
- P1804 - Ground Control Relay
- P1810 - TFP Valve Position Switch Circuit
- P1811 - Maximum Adapt and Long Shift
- P1812 - Transmission Over Temperature Condition
- P1813 - Torque Control
- P1814 - Torque Converter Overstressed
- P1815 - Transmission Range Switch - Start In Wrong Range
- P1816 - TFP Valve Position Sw. - Park/Neu. With Drive Ratio
- P1817 - TFP Valve Position Sw. - Reverse With Drive Ratio
- P1818 - TFP Valve Position Sw. - Drive Without Drive Ratio
- P1819 - Internal Mode Switch - No Start\Wrong Range
- P1820 - Internal Mode Switch Circuit A Low

- P1822 - Internal Mode Switch Circuit B High
- P1823 - Internal Mode Switch Circuit P Low
- P1825 - Internal Mode Switch - Invalid Range
- P1826 - Internal Mode Switch Circuit C - High
- P1831 - Pressure Control (PC) Solenoid Power Circuit - Low Voltage
- P1832 - Pressure Control (PC)/Shift Lock Solenoid Control Circuit High Voltage
- P1833 - A/T Solenoids Power Circuit - Low Voltage
- P1834 - Torque Converter Clutch (TCC)/Shift Solenoid (SS) Control Circuit High Voltage
- P1835 - Kick-Down Switch Circuit
- P1836 - Kick-Down Switch Failed Open
- P1837 - Kick-Down Switch Failed Short
- P1842 - 1-2 Shift Solenoid Circuit Low Voltage
- P1843 - 1-2 Shift Solenoid Circuit High Voltage
- P1844 - Torque Reduction Signal Circuit Desired By TCM
- P1845 - 2-3 Shift Solenoid Circuit Low Voltage
- P1847 - 2-3 Shift Solenoid Circuit High Voltage
- P1850 - Brake Band Apply Solenoid Circuit
- P1851 - Brake Band Apply Solenoid Performance
- P1852 - Brake Band Apply Solenoid Low Voltage
- P1853 - Brake Band Apply Solenoid High Voltage
- P1860 - TCC PWM Solenoid Circuit Electrical
- P1864 - Torque Converter Clutch Circuit
- P1865 - 4-5 Shift Solenoid (SS) Valve Control Circuit High Voltage
- P1866 - Torque Converter Clutch (TCC) Pulse Width Modulation (PWM) Solenoid Control Circuit Low Voltage
- P1867 - Torque Converter Clutch (TCC) Pulse Width Modulation (PWM) Solenoid Control Circuit High Voltage
- P1868 - Transmission Fluid Life
- P1870 - Transmission Component Slipping
- P1871 - Undefined Gear Ratio
- P1873 - TCC Stator Temp. Switch Circuit Low
- P1874 - TCC Stator Temp. Switch Circuit High
- P1875 - 4WD Low Switch Circuit Electrical
- P1884 - TCC Enable/Shift Light Circuit
- P1886 - Shift Timing Solenoid
- P1887 - TCC Release Switch Circuit
- P1890 - ECM Data Input Circuit
- P1890 - Throttle Position Signal Input
- P1891 - Throttle Position Sensor PWM Signal Low
- P1892 - Throttle Position Sensor PWM Signal High
- P1893 - Engine Torque Signal Low Voltage
- P1894 - Engine Torque Signal High Voltage
- P1895 - TCM to ECM Torque Reduction Circuit
- P2008 - Intake Manifold Runner Control (IMRC) Solenoid Control Circuit

- P2009 - Intake Manifold Runner Control (IMRC) Solenoid Control Circuit Low Voltage
- P2010 - Intake Manifold Runner Control (IMRC) Solenoid Control Circuit High Voltage
- P2066 - Fuel Level Sensor 2 Performance
- P2067 - Fuel Level Sensor 2 Circuit Low Voltage
- P2068 - Fuel Level Sensor 2 Circuit High Voltage
- P2096 - Post Catalyst Fuel Trim System Low Limit
- P2097 - Post Catalyst Fuel Trim System High Limit
- P2098 - Post Catalyst Fuel Trim System Low Limit
- P2099 - Post Catalyst Fuel Trim System High Limit
- P2100 - Throttle Actuator Control (TAC) Motor Control Circuit
- P2101 - Control Module Throttle Actuator Position Performance
- P2105 - Throttle Actuator Control (TAC) System - Forced Engine Shutdown
- P2107 - Throttle Actuator Control (TAC) Module Internal Circuit
- P2108 - Throttle Actuator Control (TAC) Module Performance
- P2119 - Throttle Closed Position Performance
- P2120 - Accelerator Pedal Position (APP) Sensor 1 Circuit
- P2121 - Accelerator Pedal Position (APP) Sensor 1 Performance
- P2122 - Accelerator Pedal Position (APP) Sensor 1 Circuit Low Voltage
- P2123 - Accelerator Pedal Position (APP) Sensor 1 Circuit High Voltage
- P2125 - Accelerator Pedal Position (APP) Sensor 2 Circuit
- P2127 - Accelerator Pedal Position (APP) Sensor 2 Circuit Low Voltage
- P2128 - Accelerator Pedal Position (APP) Sensor 2 Circuit High Voltage
- P2135 - Throttle Position (TP) Sensor 1-2 Correlation
- P2138 - Accelerator Pedal Position (APP) Sensor 1-2 Correlation
- P2176 - Minimum Throttle Position Not Learned
- P2500 - Generator L-Terminal Circuit Low Voltage
- P2501 - Generator L-Terminal Circuit High Voltage
- P2535 - Ignition 1 Switch Circuit High Voltage (PCM)
- P2610 - ECU Malfunction
- P2763 - Short to voltage in the TCC Solenoid
- P2764 - Open or Short to ground in the TCC PWM solenoid valve circuit
- P2A00 - HO2S Circuit Closed Loop (CL) Performance Bank 1 Sensor 1 (PCM)
- P2A01 - HO2S Circuit Closed Loop (CL) Performance Bank 1 Sensor 2 (PCM)
- P3000 - Hacking AWH Data