# Table Of Contents

- **Introduction** ........................................................................................................ 2
- **PO100 - PO199 Numbered Code Identification Chart** ........................................ 2
- **PO200 - PO299 Numbered Code Identification Chart** ........................................ 4
- **PO300 - PO399 Numbered Code Identification Chart** ........................................ 6
- **PO400 - PO499 Numbered Code Identification Chart** ........................................ 7
- **PO500 - PO599 Numbered Code Identification Chart** ........................................ 9
- **PO600 - PO699 Numbered Code Identification Chart** ........................................ 10
- **PO700 - PO799 Numbered Code Identification Chart** ....................................... 10
- **PO800 - PO899 Numbered Code Identification Chart** ....................................... 12
- **P0900-P0999 Numbered Code Identification Chart** ........................................... 12
- **P1000 - P1099 Numbered Code Identification Chart** ........................................... 12
- **P1100 - P1199 Numbered Code Identification Chart** ........................................... 12
- **P1200 - P1299 Numbered Code Identification Chart** ........................................... 14
- **P1300 - P1399 Numbered Code Identification Chart** ........................................... 14
- **P1400 - P1499 Numbered Code Identification Chart** ........................................... 15
- **P1500 - P1599 Numbered Code Identification Chart** ........................................... 17
- **P1600 - P1699 Numbered Code Identification Chart** ........................................... 18
- **P1700 - P1799 Numbered Code Identification Chart** ........................................... 18
- **P1800 - P1899 Numbered Code Identification Chart** ........................................... 19
## Introduction

The diagnostic trouble codes listed are the most likely definition; some manufactures have specific codes for individual models. If the trouble code listed does not apply to your vehicle consult your engine or chassis builder.

### PO100 - PO199 Numbered Code Identification Chart

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>P0100</td>
<td>Mass or Volume Air Flow Circuit Malfunction</td>
</tr>
<tr>
<td>P0101</td>
<td>Mass or Volume Air Flow Circuit Range/Performance Problem</td>
</tr>
<tr>
<td>P0101</td>
<td>Mass or Volume Air Flow Circuit Low Input</td>
</tr>
<tr>
<td>P0103</td>
<td>Mass or Volume Air Flow Circuit High Input</td>
</tr>
<tr>
<td>P0104</td>
<td>Mass or Volume Air Flow Circuit Intermittent</td>
</tr>
<tr>
<td>P0105</td>
<td>Manifold Absolute Pressure/Barometric Pressure Circuit Malfunction</td>
</tr>
<tr>
<td>P0106</td>
<td>Manifold Absolute Pressure/Barometric Pressure Circuit Range/Performance Problem</td>
</tr>
<tr>
<td>P0107</td>
<td>Manifold Absolute Pressure/Barometric Pressure Circuit Low Input</td>
</tr>
<tr>
<td>P0108</td>
<td>Manifold Absolute Pressure/Barometric Pressure Circuit High Input</td>
</tr>
<tr>
<td>P0109</td>
<td>Manifold Absolute Pressure/Barometric Pressure Circuit Intermittent</td>
</tr>
<tr>
<td>P0110</td>
<td>Intake Air Temperature Circuit Malfunction</td>
</tr>
<tr>
<td>P0111</td>
<td>Intake Air Temperature Circuit Range/Performance Problem</td>
</tr>
<tr>
<td>P0112</td>
<td>Intake Air Temperature Circuit Low Input</td>
</tr>
<tr>
<td>P0113</td>
<td>Intake Air Temperature Circuit High Input</td>
</tr>
<tr>
<td>P0114</td>
<td>Intake Air Temperature Circuit Intermittent</td>
</tr>
<tr>
<td>P0115</td>
<td>Engine Coolant Temperature Circuit Malfunction</td>
</tr>
<tr>
<td>P0116</td>
<td>Engine Coolant Temperature Circuit Range/Performance Problem</td>
</tr>
<tr>
<td>P0117</td>
<td>Engine Coolant Temperature Circuit Low Input</td>
</tr>
<tr>
<td>P0118</td>
<td>Engine Coolant Temperature Circuit High Input</td>
</tr>
<tr>
<td>P0119</td>
<td>Engine Coolant Temperature Circuit Intermittent</td>
</tr>
<tr>
<td>P0120</td>
<td>Throttle/Pedal Position Sensor/Switch A Circuit Malfunction</td>
</tr>
<tr>
<td>P0120</td>
<td>ETS Main Throttle Position Sensor Malfunction</td>
</tr>
<tr>
<td>P0121</td>
<td>Throttle/Pedal Position Sensor/Switch A Circuit Range/Performance Problem</td>
</tr>
<tr>
<td>P0122</td>
<td>Throttle/Pedal Position Sensor/Switch A Circuit Low Input</td>
</tr>
<tr>
<td>P0123</td>
<td>Throttle/Pedal Position Sensor/Switch A Circuit High Input</td>
</tr>
<tr>
<td>P0124</td>
<td>Throttle/Pedal Position Sensor/Switch A Circuit Intermittent</td>
</tr>
<tr>
<td>P0125</td>
<td>Insufficient Coolant Temperature for Closed Loop Fuel Control</td>
</tr>
<tr>
<td>P0126</td>
<td>Insufficient Coolant Temperature for Stable Operation</td>
</tr>
<tr>
<td>P0128</td>
<td>Range/Performance Problem In Thermostat</td>
</tr>
<tr>
<td>P0128</td>
<td>ECT Below Thermostat Regulating Temperature</td>
</tr>
<tr>
<td>P0130</td>
<td>Oxygen Sensor Circuit Malfunction (Bank 1 Sensor 1)</td>
</tr>
<tr>
<td>P0131</td>
<td>Oxygen Sensor Circuit Low Voltage (Bank 1 Sensor 1)</td>
</tr>
<tr>
<td>P0132</td>
<td>Oxygen Sensor Circuit High Voltage (Bank 1 Sensor 1)</td>
</tr>
<tr>
<td>P0133</td>
<td>Oxygen Sensor Circuit Slow Response (Bank 1 Sensor 1)</td>
</tr>
<tr>
<td>P0134</td>
<td>Oxygen Sensor Circuit No Activity Detected (Bank 1 Sensor 1)</td>
</tr>
<tr>
<td>P0135</td>
<td>Oxygen Sensor Heater Circuit Malfunction (Bank 1 Sensor 1)</td>
</tr>
<tr>
<td>P0136</td>
<td>Oxygen Sensor Circuit Malfunction (Bank 1 Sensor 2)</td>
</tr>
<tr>
<td>P0137</td>
<td>Oxygen Sensor Circuit Low Voltage (Bank 1 Sensor 2)</td>
</tr>
<tr>
<td>P0138</td>
<td>Oxygen Sensor Circuit High Voltage (Bank 1 Sensor 2)</td>
</tr>
</tbody>
</table>
OBD II Diagnostic Trouble Codes

P0139 Oxygen Sensor Circuit Slow Response (Bank 1 Sensor 2)
P0140 Oxygen Sensor Circuit No Activity Detected (Bank 1 Sensor 2)
P0141 Oxygen Sensor Heater Circuit Malfunction (Bank 1 Sensor 2)
P0142 Oxygen Sensor Circuit Malfunction (Bank 1 Sensor 3)
P0143 Oxygen Sensor Circuit Low Voltage (Bank 1 Sensor 3)
P0144 Oxygen Sensor Circuit High Voltage (Bank 1 Sensor 3)
P0145 Oxygen Sensor Circuit Slow Response (Bank 1 Sensor 3)
P0146 Oxygen Sensor Circuit No Activity Detected (Bank 1 Sensor 3)
P0147 Oxygen Sensor Heater Circuit Malfunction (Bank 1 Sensor 3)
P0150 Oxygen Sensor Circuit Malfunction (Bank 2 Sensor 1)
P0151 Oxygen Sensor Circuit Low Voltage (Bank 2 Sensor 1)
P0152 Oxygen Sensor Circuit High Voltage (Bank 2 Sensor 1)
P0153 Oxygen Sensor Circuit Slow Response (Bank 2 Sensor 1)
P0154 Oxygen Sensor Circuit No Activity Detected (Bank 2 Sensor 1)
P0155 Oxygen Sensor Heater Circuit Malfunction (Bank 2 Sensor 1)
P0156 Oxygen Sensor Circuit Malfunction (Bank 2 Sensor 2)
P0157 Oxygen Sensor Circuit Low Voltage (Bank 2 Sensor 2)
P0158 Oxygen Sensor Circuit High Voltage (Bank 2 Sensor 2)
P0159 Oxygen Sensor Circuit Slow Response (Bank 2 Sensor 2)
P0160 Oxygen Sensor Circuit No Activity Detected (Bank 2 Sensor 2)
P0161 Oxygen Sensor Heater Circuit Malfunction (Bank 2 Sensor 2)
P0162 Oxygen Sensor Circuit Malfunction (Bank 2 Sensor 3)
P0163 Oxygen Sensor Circuit Low Voltage (Bank 2 Sensor 3)
P0164 Oxygen Sensor Circuit High Voltage (Bank 2 Sensor 3)
P0165 Oxygen Sensor Circuit Slow Response (Bank 2 Sensor 3)
P0166 Oxygen Sensor Circuit No Activity Detected (Bank 2 Sensor 3)
P0167 Oxygen Sensor Heater Circuit Malfunction (Bank 2 Sensor 3)
P0168 Fuel Trim Malfunction (Bank 1)
P0169 System too Lean (Bank 1)
P0170 System too Rich (Bank 1)
P0162 Fuel Trim Malfunction (Bank 2)
P0173 System too Lean (Bank 2)
P0174 System too Rich (Bank 2)
P0175 Fuel Composition Sensor Circuit Malfunction
P0176 Fuel Composition Sensor Circuit Range/Performance
P0177 Fuel Composition Sensor Circuit Low Input
P0178 Fuel Composition Sensor Circuit High Input
P0179 Fuel Temperature Sensor A Circuit Malfunction
P0180 Fuel Temperature Sensor A Circuit Range/Performance
P0181 Fuel Temperature Sensor A Circuit Low Input
P0182 Fuel Temperature Sensor A Circuit High Input
P0183 Fuel Temperature Sensor A Circuit Intermittent
OBD II Diagnostic Trouble Codes

- P0186 Fuel Temperature Sensor B Circuit
  Range/Performance
- P0187 Fuel Temperature Sensor B Circuit Low Input
- P0188 Fuel Temperature Sensor B Circuit High Input
- P0189 Fuel Temperature Sensor B Circuit Intermittent
- P0190 Fuel Rail Pressure Sensor Circuit Malfunction
- P0191 Fuel Rail Pressure Sensor Circuit
  Range/Performance
- P0192 Fuel Rail Pressure Sensor Circuit Low Input
- P0193 Fuel Rail Pressure Sensor Circuit High Input
- P0194 Fuel Rail Pressure Sensor Circuit Intermittent
- P0195 Engine Oil Temperature Sensor Malfunction
- P0196 Engine Oil Temperature Sensor
  Range/Performance
- P0197 Engine Oil Temperature Sensor Low
- P0198 Engine Oil Temperature Sensor High
- P0199 Engine Oil Temperature Sensor Intermittent

➤ PO200 - PO299 Numbered Code Identification Chart

- P0200 Injector Circuit Malfunction
- P0201 Injector Circuit Malfunction - Cylinder 1
- P0202 Injector Circuit Malfunction - Cylinder 2
- P0203 Injector Circuit Malfunction - Cylinder 3
- P0204 Injector Circuit Malfunction - Cylinder 4
- P0205 Injector Circuit Malfunction - Cylinder 5
- P0206 Injector Circuit Malfunction - Cylinder 6
- P0207 Injector Circuit Malfunction - Cylinder 7
- P0208 Injector Circuit Malfunction - Cylinder 8
- P0209 Injector Circuit Malfunction - Cylinder 9
- P0210 Injector Circuit Malfunction - Cylinder 10
- P0211 Injector Circuit Malfunction - Cylinder 11
- P0212 Injector Circuit Malfunction - Cylinder 12
- P0213 Cold Start Injector 1 Malfunction
- P0214 Cold Start Injector 2 Malfunction
- P0215 Shutoff Solenoid Malfunction
- P0216 Injection Timing Control Circuit Malfunction
- P0217 Engine Overtemp Condition
- P0218 Transmission Over Temperature Condition
- P0219 Engine Overspeed Condition
- P0220 Throttle/Pedal Position Sensor/Switch B Circuit Malfunction
- P0220 ETS Throttle Position Sensor Property Malfunction
- P0221 Throttle/Pedal Position Sensor/Switch B Circuit
  Range/Performance Problem
- P0222 Throttle/Pedal Position Sensor/Switch B Circuit Low Input
- P0223 Throttle/Pedal Position Sensor/Switch B Circuit
  High Input
- P0224 Throttle/Pedal Position Sensor/Switch B Circuit Intermittent
- P0225 Throttle/Pedal Position Sensor/Switch C Circuit Malfunction
- P0226 Throttle/Pedal Position Sensor/Switch C Circuit
  Range/Performance Problem
- P0227 Throttle/Pedal Position Sensor/Switch C Circuit Low Input
- P0228 Throttle/Pedal Position Sensor/Switch C Circuit High Input
- P0229 Throttle/Pedal Position Sensor/Switch C Circuit Intermittent
- P0230 Fuel Pump Primary Circuit Malfunction
- P0231 Fuel Pump Secondary Circuit Low
- P0232 Fuel Pump Secondary Circuit High
- P0233 Fuel Pump Secondary Circuit Intermittent
- P0234 Engine Overboost Condition
OBD II Diagnostic Trouble Codes

P0235 Turbocharger Boost Sensor A Circuit Malfunction
P0236 Turbocharger Boost Sensor A Circuit Range/Performance
P0237 Turbocharger Boost Sensor A Circuit Low
P0238 Turbocharger Boost Sensor A Circuit High
P0239 Turbocharger Boost Sensor B Malfunction
P0240 Turbocharger Boost Sensor B Circuit Range/Performance
P0241 Turbocharger Boost Sensor B Circuit Low
P0242 Turbocharger Boost Sensor B Circuit High
P0243 Turbocharger Wastegate Solenoid A Malfunction
P0244 Turbocharger Wastegate Solenoid A Range/Performance
P0245 Turbocharger Wastegate Solenoid A Low
P0246 Turbocharger Wastegate Solenoid A High
P0247 Turbocharger Wastegate Solenoid B Malfunction
P0248 Turbocharger Wastegate Solenoid B Range/Performance
P0249 Turbocharger Wastegate Solenoid B Low
P0250 Turbocharger Wastegate Solenoid B High
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
OBD II Diagnostic Trouble Codes

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

➤ PO300 - PO399 Numbered Code Identification Chart

P0300 Random/Multiple Cylinder 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
P0320 Ignition/Distributor Engine Speed Input Circuit Malfunction
P0321 Ignition/Distributor Engine Speed Input Circuit Range/Performance

P0322 Ignition/Distributor Engine Speed Input Circuit No Signal
P0323 Ignition/Distributor Engine Speed Input Circuit Intermittent
P0325 Knock Sensor 1 Circuit Malfunction (Bank 1 or Single Sensor)
P0326 Knock Sensor 1 Circuit Range/Performance (Bank 1 or Single Sensor)
P0327 Knock Sensor 1 Circuit Low Input (Bank 1 or Single Sensor)
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 2 Circuit Malfunction (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 Crankshaft Position Sensor A Circuit Malfunction
P0336 Crankshaft Position Sensor A Circuit Range/Performance
P0337 Crankshaft Position Sensor A Circuit Low Input
P0338 Crankshaft Position Sensor A Circuit High Input
P0340 Camshaft Position Sensor Circuit Malfunction
P0341 Camshaft Position Sensor Circuit Range/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
P0352 Ignition Coil B Primary/Secondary Circuit Malfunction
P0353 Ignition Coil C Primary/Secondary Circuit Malfunction
P0354 Ignition Coil D Primary/Secondary Circuit Malfunction
P0355 Ignition Coil E Primary/Secondary Circuit Malfunction
P0356 Ignition Coil F Primary/Secondary Circuit Malfunction
P0357 Ignition Coil G Primary/Secondary Circuit Malfunction
P0358 Ignition Coil H 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 Timing Reference High Resolution Signal A Too Many Pulses
P0372 Timing Reference High Resolution Signal A Too Few 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 Glow Plug/Heater Circuit "B" Malfunction
P0385 Crankshaft Position Sensor B Circuit Malfunction
P0386 Crankshaft Position Sensor B Circuit Range/Performance
P0387 Crankshaft Position Sensor B Circuit Low Input
P0388 Crankshaft Position Sensor B Circuit High Input

➤ PO400 - PO499 Numbered Code Identification Chart

P0400 Exhaust Gas Recirculation Flow Malfunction
P0401 Exhaust Gas Recirculation Flow Insufficient Detected
P0402 Exhaust Gas Recirculation Flow Excessive Detected
P0403 Exhaust Gas Recirculation Circuit Malfunction
P0404 Exhaust Gas Recirculation Circuit Range/Performance
P0405 Exhaust Gas Recirculation Sensor A Circuit Low
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 System Malfunction
P0411 Secondary Air Injection System Incorrect Flow Detected
P0412 Secondary Air Injection System Switching Valve A Circuit Malfunction
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
OBD II Diagnostic Trouble Codes

P0416 Secondary Air Injection System Switching Valve "B" Circuit Open
P0417 Secondary Air Injection System Switching Valve "B" Circuit Shorted
P0418 Secondary Air Injection System Relay "A" Circuit Malfunction
P0419 Secondary Air Injection System Relay "B" Circuit Malfunction
P0420 Catalyst System Efficiency Below Threshold (Bank 1)
P0421 Warm Up Catalyst Efficiency Below Threshold (Bank 1)
P0422 Main Catalyst Efficiency Below Threshold (Bank 1)
P0423 Heated Catalyst Efficiency Below Threshold (Bank 1)
P0424 Heated Catalyst Temperature Below Threshold (Bank 1)
P0430 Catalyst System Efficiency Below Threshold (Bank 2)
P0431 Warm Up Catalyst Efficiency Below Threshold (Bank 2)
P0432 Main Catalyst Efficiency Below Threshold (Bank 2)
P0433 Heated Catalyst Efficiency Below Threshold (Bank 2)
P0434 Heated Catalyst Temperature Below Threshold (Bank 2)
P0440 Evaporative Emission Control System Malfunction
P0441 Evaporative Emission Control System Incorrect Purge Flow
P0442 Evaporative Emission Control System Leak Detected (small leak)
P0443 Evaporative Emission Control System Purge Control Valve Circuit Malfunction
P0444 Evaporative Emission Control System Purge Control Valve Circuit Open
P0445 Evaporative Emission Control System Purge

Control Valve Circuit Shorted
P0446 Evaporative Emission Control System Vent Control Circuit Malfunction
P0447 Evaporative Emission Control System Vent Control Circuit Open
P0448 Evaporative Emission Control System Vent Control Circuit Shorted
P0449 Evaporative Emission Control System Vent Valve/Solenoid Circuit Malfunction
P0450 Evaporative Emission Control System Pressure Sensor Malfunction
P0451 Evaporative Emission Control System Pressure Sensor Range/Performance
P0452 Evaporative Emission Control System Pressure Sensor Low Input
P0453 Evaporative Emission Control System Pressure Sensor High Input
P0454 Evaporative Emission Control System Pressure Sensor Intermittent
P0455 Evaporative Emission Control System Leak Detected (gross leak)

P0456 EVAP Leak Monitor Small Leak Detected
P0460 Fuel Level Sensor Circuit Malfunction
P0461 Fuel Level Sensor Circuit Range/Performance
P0462 Fuel Level Sensor Circuit Low Input
P0463 Fuel Level Sensor Circuit High Input
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

Page 8
Created by Oemy's UltraPower Performance
OBD II Diagnostic Trouble Codes

P0472 Exhaust Pressure Sensor Low Voltage
P0473 Exhaust Pressure Sensor High Voltage
P0474 Exhaust Pressure Sensor Intermittent
P0475 Exhaust Pressure Control Valve Malfunction
P0476 Exhaust Pressure Control Valve Range/Performance
P0477 Exhaust Pressure Control Valve Low Voltage
P0478 Exhaust Pressure Control Valve High Voltage
P0479 Exhaust Pressure Control Valve Intermittent
P0480 Cooling Fan 1 Control Circuit Malfunction
P0481 Cooling Fan 2 Control Circuit Malfunction
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

PO500 - PO599 Numbered Code Identification Chart

P0500 Vehicle Speed Sensor Malfunction
P0501 Vehicle Speed Sensor Range/Performance
P0502 Vehicle Speed Sensor Low Input
P0503 Vehicle Speed Sensor Intermittent/Erratic/High
P0505 Idle Control System Malfunction
P0506 Idle Control System RPM Lower Than Expected
P0507 Idle Control System RPM Higher Than Expected
P0510 Closed Throttle Position Switch Malfunction
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
P0530 A/C Refrigerant Pressure Sensor Circuit Malfunction
P0531 A/C Refrigerant Pressure Sensor Circuit Range/Performance
P0532 A/C Refrigerant Pressure Sensor Circuit Low Input
P0533 A/C Refrigerant Pressure Sensor Circuit High Input
P0534 Air Conditioner Refrigerant Charge Loss
P0550 Power Steering Pressure Sensor Circuit Malfunction
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 Malfunction
P0561 System Voltage Unstable
P0562 System Voltage Low
P0563 System Voltage High
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 A Circuit Malfunction
P0572 Cruise Control/Brake Switch A Circuit Low
P0573 Cruise Control/Brake Switch A Circuit High

Page 9
Created by Oemy's UltraPower Performance
OBD II Diagnostic Trouble Codes

P0574 Cruise Control Related Malfunction
P0575 Cruise Control Related Malfunction
P0576 Cruise Control Related Malfunction
P0577 Cruise Control Related Malfunction
P0578 Cruise Control Related Malfunction
P0579 Cruise Control Related Malfunction
P0580 Cruise Control Related Malfunction

➢ PO600 - PO699 Numbered Code Identification Chart
P0600 Communication Link Malfunction
P0601 Internal Control Module Memory Check Sum Error
P0602 Control Module Programming Error
P0603 Internal Control Module Keep Alive Memory (KAM) Error
P0604 Internal Control Module Random Access Memory (RAM) Error
P0605 Internal Control Module Read Only Memory (ROM) Error
P0606 PCM Processor Fault
P0609 Control Module VSS Output "B" Malfunction
P0620 Generator Control Circuit Malfunction
P0621 Generator Lamp "L" Control Circuit Malfunction
P0622 Generator Field "F" Control Circuit Malfunction
P0645 A/C Clutch Relay Circuit
P0650 Malfunction Indicator Lamp (MIL) Control Circuit Malfunction
P0654 Engine RPM Output Circuit Malfunction
P0655 Engine Hot Lamp Output Control Circuit Malfunction
P0656 Fuel Level Output Circuit Malfunction

➢ PO700 - PO799 Numbered Code Identification Chart
P0700 Transmission Control System Malfunction
P0701 Transmission Control System Range/Performance
P0702 Transmission Control System Electrical
P0703 Torque Converter/Brake Switch B Circuit Malfunction
P0704 Clutch Switch Input Circuit Malfunction
P0705 Transmission Range Sensor Circuit malfunction (PRNDL Input)
P0706 Transmission Range Sensor Circuit Range/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 Transmission Fluid Temperature Sensor Circuit Range/Performance
P0712 Transmission Fluid Temperature Sensor Circuit Low Input
P0713 Transmission Fluid Temperature Sensor Circuit High Input
P0714 Transmission Fluid Temperature Sensor Circuit Intermittent
P0715 Input/Turbine Speed Sensor Circuit Malfunction
P0716 Input/Turbine Speed Sensor Circuit Range/Performance
P0717 Input/Turbine Speed Sensor Circuit No Signal
P0718 Input/Turbine Speed Sensor Circuit Intermittent
P0719 Torque Converter/Brake Switch B Circuit Low
P0720 Output Speed Sensor Circuit Malfunction
P0721 Output Speed Sensor Range/Performance
P0722 Output Speed Sensor No Signal
P0723 Output Speed Sensor Intermittent
OBD II Diagnostic Trouble Codes

- P0724 Torque Converter/Brake Switch B Circuit High
- P0725 Engine Speed Input Circuit Malfunction
- P0726 Engine Speed Input Circuit Range/Performance
- P0727 Engine Speed Input Circuit No Signal
- P0728 Engine Speed Input Circuit Intermittent
- P0730 Incorrect Gear Ratio
- P0731 Gear 1 Incorrect ratio
- P0732 Gear 2 Incorrect ratio
- P0733 Gear 3 Incorrect ratio
- P0734 Gear 4 Incorrect ratio
- P0735 Gear 5 Incorrect ratio
- P0736 Reverse incorrect gear ratio
- P0740 Torque Converter Clutch Circuit Malfunction
- P0741 Torque Converter Clutch Circuit Performance or Stuck Off
- P0742 Torque Converter Clutch Circuit Stuck On
- P0743 Torque Converter Clutch 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 Electrical
- P0749 Pressure Control Solenoid Intermittent
- P0750 Shift Solenoid A Malfunction
- P0751 Shift Solenoid A Performance or Stuck Off
- P0752 Shift Solenoid A Stuck On
- P0753 Shift Solenoid A Electrical
- P0754 Shift Solenoid A Intermittent
- P0755 Shift Solenoid B Malfunction
- P0756 Shift Solenoid B Performance or Stuck Off
- P0757 Shift Solenoid B Stuck On
- P0758 Shift Solenoid B 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 Shift/Timing Solenoid Malfunction
- 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

➤ P0800 - P0899 Numbered Code Identification Chart

P0801 Reverse Inhibit Control Circuit Malfunction

P0803 1-4 Up shift (Skip Shift) Solenoid Control Circuit Malfunction

P0804 1-4 Up shift (Skip Shift) Lamp Control Circuit Malfunction

P0812 Reverse Switch Input Malfunction

➤ P0900-P0999 Numbered Code Identification Chart

No codes identified - Reserved for OBD-3 operating system - Coming Soon!

➤ P1000 - P1099 Numbered Code Identification Chart

P1000 Monitor Testing Not Complete

P1001 KOER Not Able To Complete KOER Aborted (key on engine running)

➤ P1100 - P1199 Numbered Code Identification Chart

P1100 MAF Intermittent

P1100 Manifold Absolute Pressure (MAP) Sensor Malfunction (Open/Short)

P1101 MAF Out Of Range

P1102 Manifold Absolute Pressure (MAP) Sensor Malfunction - Low Voltage

P1103 Manifold Absolute Pressure (MAP) Sensor Malfunction - High Voltage

P1105 MAP/BARO Switch Solenoid Valve

P1106 Manifold Absolute Pressure (MAP) sensor circuit intermittent high voltage

P1106 Barometric pressure circuit problem

P1107 Manifold Absolute Pressure (MAP) sensor circuit intermittent low voltage

P1107 Barometric pressure circuit low input

P1108 BARO to MAP signal circuit comparison too high

P1108 Barometric pressure circuit high input

P1110 Atmospheric Pressure Sensor Low Input

P1111 Intake Air Temperature (IAT) sensor intermittent high voltage

P1112 Engine Coolant Temperature Radiator Outlet Sensor High Input

P1114 Engine Coolant Temperature (ECT) sensor circuit intermittent low voltage

P1115 Engine Coolant Temperature (ECT) sensor circuit intermittent high voltage

P1116 Mass Or Volume Air Flow Circuit Range/Performance Problem (Bank 2)

P1117 Mass Or Volume Air Flow Circuit Low Input (Bank 2)

P1118 Mass Or Volume Air Flow Circuit High Input (Bank 2)

P1120 TPS Out Of Range Low

P1121 Throttle Position (TP) Sensor Inconsistent With MAF Sensor High Voltage

P1122 Throttle Position (TP) Sensor Inconsistent With MAF Sensor Low Voltage

P1123 Pedal Position 1 High Input

P1124 TPS Out Of Self Test Range

P1125 TPS Intermittent

P1126 Thermostat Function

P1127 Exhaust Not Warm Enough, Downstream Sensor Not Tested

P1128 MAP Lower Than Expected

P1129 MAP Higher Than Expected

P1130 Lack Of HO2S-11, Fuel Trim At Limit

P1131 HO2S 11 Indicates Lean

P1132 O2 Sensor Heater Control Circuit (Bank 1 Sensor 1)

P1133 Heated Oxygen Sensor (HO2S) insufficient switching bank 1 sensor 1 (Rear Bank)

P1134 Heated Oxygen Sensor (HO2S) transition time ratio bank 1 sensor 1 (Rear Bank)
OBD II Diagnostic Trouble Codes

P1135 O2 Sensor Heater Circuit Low Voltage (Bank 1 Sensor 1)
P1136 O2 Sensor Heater Circuit High Voltage (Bank 1 Sensor 1)
P1137 O2 Sensor Heater Circuit Signal Intermittent (Bank 1 Sensor 2)
P1138 O2 Sensor Heater Circuit Low Voltage (Bank 1 Sensor 2)
P1139 O2 Sensor Heater Circuit High Voltage (Bank 1 Sensor 2)
P1140 Mass or Volume Air Flow Circuit Range/Performance Problem
P1142 TPS Circuit Range/Perf. Problem (Low Input)
P1144 Mass Air Flow Sensor Open/Short To Ground
P1145 Solenoid Valve Running Losses Control Circuit Electrical
P1146 Pressure Sensor Circuit Range/Perf (High Input)
P1147 ETS Sub Accel Position Sensor 1 Malfunction
P1148 Closed Loop Control (Bank 1)
P1150 Lack Of HO2S-21 Switch Fuel Trim At Limit
P1151 O2 Sensor Heater Circuit Signal Intermittent (Bank 2 Sensor 1)
P1152 O2 Sensor Heater Circuit Low Voltage (Bank 2 Sensor 1)
P1153 O2 Sensor Heater Circuit High Voltage (Bank 2 Sensor 1)
P1154 Heated Oxygen Sensor (HO2S) transition time ratio bank 2 sensor 1(Front Bank)
P1155 O2 Sensor Heater Circuit Intermittent (Bank 2 Sensor 2)
P1156 O2 Sensor Heater Circuit Low Voltage (Bank 2 Sensor 2)
P1157 O2 Sensor Heater Circuit High Voltage (Bank 2 Sensor 2)
P1158 Fuel Trim Inactive Bank 1 Low
P1159 Fuel Trim Inactive Bank 1 High
P1160 Fuel Trim Inactive Bank 2 Low
P1161 Fuel Trim Inactive Bank 2 High
P1162 Fuel Trim Inactive Per Ignition Bank 1 Low
P1163 Fuel Trim Inactive Per Ignition Bank 1 High
P1164 Fuel Trim Inactive Per Ignition Bank 2 Low
P1165 Fuel Trim Inactive Per Ignition Bank 2 High
P1166 FRP Sensor In Range But Low
P1167 FRP Sensor In Range But High
P1168 FRP Sensor In Range But High
P1169 Electronic Throttle System Open
P1170 Electronic Throttle System Motor Current
P1171 Electronic Throttle System Motor Current
P1172 Electronic Throttle System Rationality Malfunction
P1173 Electronic Throttle System Rationality Malfunction
P1174 Fuel Trim Adaptation Inactive Bank 1 Malfunction
P1175 Fuel Trim Adaptation Inactive Bank 2 Malfunction
P1176 O2 Sensor Slow Response Bank 1
P1177 O2 Sensor Slow Response Bank 2
P1178 O2 Sensor Signal Circuit Slow Switching From Rich to Lean (Bank 1 Sensor 1)
P1179 O2 Sensor Signal Circuit Slow Switching From Rich to Lean (Bank 1 Sensor 2)
P1180 O2 Sensor Signal Circuit Slow Switching From Rich to Lean (Bank 1 Sensor 2)
P1181 O2 Sensor Signal Circuit Slow Switching From Rich to Lean (Bank 2 Sensor 2)
P1182 O2 Sensor Signal Circuit Slow Switching From Rich to Lean (Bank 2 Sensor 2)
P1183 EOT Sensor Circuit Malfunction
P1184 EOT Sensor Circuit Malfunction
P1185 EOT Sensor Out Of Range
P1186 O2 Sensor Heater Control Circuit (Bank 1 Sensor 2)
P1187 O2 Sensor Heater Control Circuit (Bank 2 Sensor 2)
P1188 Fuel Control (Bank 1 Sensor 1)
P1189 Fuel Control (Bank 2 Sensor 1)
OBD II Diagnostic Trouble Codes

P1190 Pre-catalyst Fuel Trim System Bank 1
P1191 Pre-catalyst Fuel Trim System Bank 2
P1192 Post-catalyst Fuel Trim System Bank 1
P1193 Post-catalyst Fuel Trim System Bank 2
P1195 1/1 O2 Sensor Slow During Catalyst Monitor
P1196 2/1 O2 Sensor Slow During Catalyst Monitor
P1197 1/2 O2 Sensor Slow During Catalyst Monitor
P1198 Radiator Temperature Sensor Volts Too High
P1199 Radiator Temperature Sensor Volts Too Low

➢ P1200 - P1299 Numbered Code Identification Chart

P1229 Supercharger Intercooler Pump Not Working
P1232 Low Speed Fuel Pump Primary Circuit Malfunction
P1233 Fuel System Disabled Or Offline
P1234 Fuel System Disabled Or Offline
P1235 Fuel Pump Control Out Of Range
P1236 Fuel Pump Control Out Of Range
P1237 Fuel Pump Secondary Circuit Malfunction
P1238 Fuel Pump Secondary Circuit Malfunction
P1244 Generator Load Low
P1245 Generator Load Input High
P1246 Generator Load Input Failed
P1258 Engine Metal Over Temperature Protection
P1259 VTEC System Malfunction
P1260 Fuel Pump Speed Relay Control Circuit
P1260 Theft Detected - Engine Disabled
P1260 Theft Detected - Engine Disabled
P1270 Vehicle Speed Limiter Reached
P1270 Vehicle Speed Limiter Reached

P1281 Engine Is Cold Too Long
P1282 Fuel Pump Relay Control Circuit
P1285 Cylinder Head Over Temperature Sensed
P1288 Intake Manifold Short Runner Solenoid Circuit
P1290 CHT Sensor Out Of Range (Ford)
P1289 Manifold Tune Valve Solenoid Circuit
P1289 CHT Sensor High Input
P1290 CNG Fuel Pressure Too High
P1290 CHT Sensor Low Input
P1291 No Temp Rise Seen From Fuel Heaters
P1292 CNG Pressure Sensor Voltage Too High
P1293 CNG Pressure Sensor Voltage Too Low
P1294 Target Idle Not Reached
P1295 No 5 Volts To TP Sensor
P1296 No 5 Volts To MAP Sensor
P1297 No Change in MAB From Start To Run
P1297 Low Voltage ELD Circuit
P1298 High Voltage In ELD Circuit
P1298 Lean Operation At wide Open Throttle
P1299 Vacuum Leak Found (IAC Fully Seated)
P1299 Cylinder Head Over Temperature Protection Active

➢ P1300 - P1399 Numbered Code Identification Chart

P1300 Random Misfire
P1309 Misfire Monitor Disabled
P1320 Ignition Control (IC) Module 4x Reference Circuit Intermittent No Pulses
P1323 Ignition Control (IC) Module 24x Reference Circuit low frequency
OBD II Diagnostic Trouble Codes

P1336 Crankshaft Position System Variation Not Learned
P1337 Crankshaft Speed Fluctuation Sensor No Signal
P1350 Ignition Control System
P1351 Ignition Coil Control Circuit High Voltage
P1352 Ignition Bypass Circuit High Voltage
P1359 Crankshaft Position/TDC/Cylinder Position Sensor Connector Disconnection
P1361 Intermittent Interruption In TDC1 Sensor Circuit
P1362 No Signal In TDC1 Sensor Circuit
P1366 Intermittent Interruption In TDC2 Sensor Circuit
P1367 No Signal In TDC2 Sensor Circuit
P1370 Ignition Control (IC) Module 4x Reference too many pulses
P1371 Ignition Control (IC) Module 4x Reference too few pulses
P1374 CKP High to Low Resolution Frequency Correlation
P1375 Ignition Control (IC) Module 24x Reference High Voltage
P1376 Ignition Ground Circuit
P1377 Ignition Control (IC) Module Cam Pulse to 4x Reference Pulse Comparison
P1380 EBTCM DTC Detected-Rough Data Unusable
P1380 Variable Cam Timing Solenoid A Circuit Malfunction
P1381 Misfire Detected-No EBTCM/PCM Serial Data
P1381 Cylinder Position Sensor Intermittent Interruption
P1381 Variable Cam Timing Over-advanced (Bank 1)
P1382 Cylinder Position Sensor No Signal
P1383 Variable Cam Timing Over-retarded (Bank 1)
P1388 Auto Shutdown Relay Circuit
P1389 No ASD Relay Output Voltage At PCM
P1390 Timing Belt Skipped One Tooth or More
P1390 Octane Adjust Out Of Range
P1391 Intermittent Loss of CMP or CKP
P1398 Miss-Fire Adapter Numerator at Limit
P1399 Wait To Start Lamp Circuit

P1400 - P1499 Numbered Code Identification Chart

P1400 Heated Catalyst Battery Voltage or Current too Low During Heating (Bank 1)
P1401 Heated Catalyst Current too High During Heating (Bank 1)
P1402 Heated Catalyst Power Switch Over temperature Condition (Bank 1)
P1402 EGR Function (Open)
P1403 Carbon Canister Shut Off valve Control Circuit Electrical
P1404 Exhaust Gas Recirculation (EGR) Valve Pintel Stuck Open
P1405 Heated Catalyst Power Switch Over temperature Condition (Bank 2)
P1406 Heated Catalyst Internal Control Module Checksum/ROM Error
P1407 EGR No Flow Detected
P1408 EGR Out Of Self Test Range
P1409 EGR Vacuum Regulator Solenoid Circuit Malfunction
P1410 EGR Valve Position Sensor Circuit Malfunction
P1411 Secondary Air Injection System Downstream Flow
P1413 Secondary Air Injection Pump Relay Control Circuit Signal Low
P1414 Secondary Air Injection System Monitor Circuit High
P1415 Secondary Air Injection (AIR) System Bank 1
P1416 Secondary Air Injection (AIR) System Bank 2
OBD II Diagnostic Trouble Codes

P1420 Secondary Air Valve Control Circuit Electrical
P1421 Secondary Air System Bank 1
P1422 Secondary Air System Bank 2
P1432 Secondary Air Injection System Incorrect Flow Detected
P1436 A/C Evaporator Temperature Circuit Low Input
P1437 A/C Evaporator Temperature Circuit High Input
P1438 Purge Control Valve Control Open Circuit
P1439 Purge Control Valve Control Circuit Signal Low
P1440 Purge Control Valve Control Circuit Signal High
P1441 Evaporative System Flow During Non-Purge
P1442 Leakage Diagnostic Pump Control Circuit Signal Low
P1443 Leakage Diagnostic Pump Control Circuit Signal High
P1444 Diagnostic Module Tank Leakage (DM-TL) Pump Control Open Circuit
P1445 Diagnostic Module Tank Leakage (DM-TL) Pump Control Circuit Signal Low
P1446 Diagnostic Module Tank Leakage (DM-TL) Pump Control Circuit Signal High
P1447 Diagnostic Module Tank Leakage (DM-TL) Pump Too High During Switching
P1448 Diagnostic Module Tank Leakage (DM-TL) Pump Too Low During Switching
P1449 Diagnostic Module Tank Leakage (DM-TL) Pump Too High
P1450 Diagnostic Module Tank Leakage (DM-TL) Switching Solenoid Open Circuit
P1451 Diagnostic Module Tank Leakage (DM-TL) Switching Solenoid Control Circuit Signal Low
P1452 Diagnostic Module Tank Leakage (DM-TL) Switching Solenoid Control Circuit Signal High
P1453 Secondary Air Injection Pump Relay Control Circuit Electrical
P1454 Secondary Air Injection Pump With Series Resistor Control Circuit Electrical
P1456 Leak Detected In EVAP Control System
P1457 Leak Detected In EVAP Control System
P1459 Heated Catalyst Heater Power Supply Open Circuit (Bank 2)
P1460 Heated Catalyst Heater Power Switch Temperature Sensor Electrical (Bank 2)
P1461 Heated Catalyst Gate Voltage Signal Low
P1462 Heated Catalyst Internal Control Module Checksum/ROM Error
P1463 Heated Catalyst Battery Temperature Sensor 1 Electrical
P1464 Heated Catalyst Battery Temperature Sensor 2 Electrical
P1465 Heated Catalyst Battery Temperature Sensor 1 or 2 Plausibility
P1466 Heated Catalyst Power Switch Temperature Sensor Plausibility
P1467 Heated Catalyst Comparison Battery Voltages of Power Switches Plausibility
P1468 Heated Catalyst Battery Disconnecting Switch Plausibility
P1469 Low A/C Cycling Period
P1470 Leakage Diagnostic Pump Control Circuit Electrical
P1472 Diagnostic Module Tank leakage (DM-TL) Switching Solenoid Control Circuit Electrical
P1473 Diagnostic Module Tank leakage (DM-TL) Pump Current Plausibility
P1474 HCF Primary Circuit Failure
P1475 Leakage Diagnostic Pump Reed Switch Did Not Close
P1476 Leakage Diagnostic Pump Clamped Tube
P1477 Too Much Secondary Air
P1478 Battery Temp Sensor Volts Out of Limit
OBD II Diagnostic Trouble Codes

P1479 Transmission Fan Relay Circuit
P1480 PCV Solenoid Valve
P1482 Catalyst Temperature Sensor Circuit Shorted Low
P1483 Engine Cooling System Performance
P1484 Catalytic Converter Overheat Detected
P1485 Air Injection Solenoid Circuit
P1486 Evap Leak Monitor Pinched Hose
P1487 Hi Speed Rad Fan CTRL Relay Circuit
P1488 Auxiliary 5 Volt Supply Output Too Low
P1489 High Speed Fan CTRL Relay Circuit
P1490 Low Speed Fan CTRL Relay Circuit
P1491 Malfunction In EGR System
P1492 EVAP Canister Purge Control/Solenoid Valve (Circuit)
P1493 Ambient/Batt Temp Sen Volts Too Low
P1494 Leak Detection Pump Switch or Mechanical Fault
P1495 Leak Detection Pump Solenoid Circuit
P1496 5 Volt Supply Output Too Low
P1498 Voltage Problem In EGR Valve Position Sensor Circuit

P1500 - P1599 Numbered Code Identification Chart

P1500 Vehicle Speed Sensor (VSS)
P1501 Vehicle Speed Sensor (VSS) Out Of Range
P1502 Vehicle Speed Sensor (VSS) Intermittent
P1505 Idle Air Control At Adaptive Clip
P1506 Idle Air Control System Over speed Error
P1507 Idle Air Control System Under speed Error
P1508 Idle Air Control (IAC) System - Low RPM
P1516 Inlet Manifold Runner Control Input Error (Bank 1)
P1517 Inlet Manifold Runner Control Input Error (Bank 2)
P1518 Inlet Manifold Runner Control Stuck Open
P1519 Malfunction In IAC Valve Circuit
P1520 Intake Manifold Runner Control (IMRC) circuit malfunction
P1524 Throttle Position (TP) Sensor Learned Closed Throttle Angle Degrees Out-Of-Range
P1527 Trans Range / Pressure Switch Comparison
P1546 Air Conditioning (A/C) Clutch Relay Control Circuit
P1549 Intake Manifold Control Circuit Malfunction
P1550 PSP Sensor Malfunction
P1554 Cruise Engaged Circuit High Voltage
P1560 Cruise Control System-Transaxle Not in Drive
P1564 Cruise Control System-Vehicle Acceleration too high
P1566 Cruise Control System-Engine RPM Too High
P1567 Cruise Control- ABCS Active
P1570 Cruise Control System - Traction Control Active
P1571 Traction Control System PWM Circuit No Frequency
P1572 Brake Pedal Switch Circuit
P1574 EBTCM System- Stop Lamp Switch Circuit High Voltage
P1575 Extended Travel Brake Switch Circuit High Voltage
P1579 Park/Neutral to Drive/Reverse At high Throttle Angle
P1585 Cruise Control Inhibit Output Circuit
P1594 Charging System Voltage Too High
P1595 Speed Control Solenoid Circuits
P1596 Speed Control Switch always High
P1597 Speed Control Switch always Low
P1598 A/C Pressure Sensor Volts Too High
P1599 A/C Pressure Sensor Volts Too Low

P1600 - P1699 Numbered Code Identification Chart

P1602 Loss of EBTCM Serial Data
P1603 Loss of SDM Serial Data
P1604 Loss of IPC Serial Data
P1605 Loss of HVAC Serial Data
P1607 Malfunction In PCM Internal Circuit
P1610 Loss of PZM Serial Data
P1611 Loss of CVRTD Serial Data
P1617 Engine Oil Level Switch Circuit
P1621 PCM Memory Performance
P1626 Theft Deterrent System - Fuel Enable Circuit
P1630 Theft Deterrent - PCM in Learn Mode
P1631 Theft Deterrent - Password Incorrect
P1632 Theft Deterrent - Fuel Disabled
P1633 Ignition Supplement Power Circuit Low Voltage
P1634 Ignition 1 Power Circuit Low Voltage
P1635 5 Volt Reference Circuit
P1639 5 Volt Reference 2 Circuit
P1640 DTC's Available In Another Module
P1641 Malfunction Indicator Lamp (MIL) Control Circuit
P1642 Vehicle Speed Output Circuit
P1644 Delivered Torque Output Circuit
P1645 EVAP Solenoid Output Circuit
P1646 EVAP Vent Valve Output Circuit
P1650 Driver 2 - Input High Voltage

P1651 Power Steering Pressure Switch Input Malfunction
P1652 Lift/Dive Circuit
P1654 Cruise Disable Output Circuit
P1656 Automatic Transaxle
P1660 Cooling Fan Control Circuits
P1676 FPTDR Signal Failure
P1678 FPTDR Signal Line Failure
P1680 Clutch Released Switch Circuit
P1681 No I/P Cluster CCD/J1850 Messages Received
P1682 A/T FI Signal A High Input
P1683 Speed Control Power Relay or S/C 12V Driver Circuit
P1685 Skim Invalid Key
P1686 No SKIM Bus Message Received
P1686 A/T FI Signal B Low Input
P1687 A/T FI Signal B High Input
P1689 Traction Control Delivered Torque Output Circuit
P1693 DTC Detected In Companion Mode
P1694 Fault In Companion Mode
P1695 No CCD/J1850 Message From BCM
P1696 PCM Failure EEPROM Write Denied
P1697 PCM Failure SRI Mile Not Stored
P1698 No Bus Message From TCM

P1700 - P1799 Numbered Code Identification Chart

P1701 Transmission Solenoid Malfunction
P1703 Brake On/Off Switch
P1703 Brake On/Off Switch Out Of Range
P1705 Automatic Transaxle
P1706 Automatic Transaxle
P1709 Automatic Transaxle
P1710 Automatic Transaxle
P1711 Transmission Fluid Temperature Sensor
P1713 Automatic Transaxle
P1719 Skip Shift Solenoid Circuit
P1729 4x4 Low Switch
P1738 Automatic Transaxle
P1739 Automatic Transaxle
P1740 Automatic Transaxle
P1746 EPC Solenoid Failed Low
P1747 EPC Solenoid Short Circuit
P1749 EPC Solenoid Open Circuit
P1751 Shift Solenoid #1 (SS1)
P1753 Automatic Transaxle
P1754 Coast Clutch Solenoid
P1756 GOV Press Not Equal To Target @ 15-20 PSI
P1757 GOV Press Not Equal To Target @ 15-20 PSI
P1758 Automatic Transaxle
P1759 Transmission 12 Volt Supply Relay CTRL Circuit
P1761 Shift Solenoid #3 (SS3)
P1762 4x4 Switch Out Of Range
P1763 Transmission Over Temperature Condition
P1764 Automatic Transaxle
P1765 Internal Mode Switch - No Start/Wrong Range
P1766 Internal Mode Switch Circuit A Low
P1767 Internal Mode Switch Circuit B High
P1768 Internal Mode Switch Circuit P Low
P1769 Internal Mode Switch - Invalid Range
P1770 TCC PWM Solenoid Circuit Electrical
P1771 TCC Release Switch Circuit
P1772 Park/Neutral Position Switch Stuck In Park or In Gear
P1773 Automatic Transaxle
P1774 Automatic Transaxle
P1775 Automatic Transaxle
P1776 Automatic Transaxle