

Oemv's Performance

OBD II - codes

OBD II Diagnostic Trouble Codes

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OBD II Diagnostic Trouble Codes

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

P0100 Mass or Volume Air Flow Circuit Malfunction

P0101 Mass or Volume Air Flow Circuit Range/Performance Problem

P0101 Mass or Volume Air Flow Circuit Low Input

P0103 Mass or Volume Air Flow Circuit High Input

P0104 Mass or Volume Air Flow Circuit Intermittent

P0105 Manifold Absolute Pressure/Barometric Pressure Circuit Malfunction

P0106 Manifold Absolute Pressure/Barometric Pressure Circuit Range/Performance Problem

P0107 Manifold Absolute Pressure/Barometric Pressure Circuit Low Input

P0108 Manifold Absolute Pressure/Barometric Pressure Circuit High Input

P0109 Manifold Absolute Pressure/Barometric Pressure Circuit Intermittent

P0110 Intake Air Temperature Circuit Malfunction

P0111 Intake Air Temperature Circuit Range/Performance Problem

P0112 Intake Air Temperature Circuit Low Input

P0113 Intake Air Temperature Circuit High Input

P0114 Intake Air Temperature Circuit Intermittent

P0115 Engine Coolant Temperature Circuit Malfunction

P0116 Engine Coolant Temperature Circuit Range/Performance Problem

P0117 Engine Coolant Temperature Circuit Low Input

P0118 Engine Coolant Temperature Circuit High Input

P0119 Engine Coolant Temperature Circuit Intermittent

P0120 Throttle/Pedal Position Sensor/Switch A Circuit Malfunction

P0120 ETS Main Throttle Position Sensor Malfunction

P0121 Throttle/Pedal Position Sensor/Switch A Circuit Range/Performance Problem

P0122 Throttle/Pedal Position Sensor/Switch A Circuit Low Input

P0123 Throttle/Pedal Position Sensor/Switch A Circuit High Input

P0124 Throttle/Pedal Position Sensor/Switch A Circuit Intermittent

P0125 Insufficient Coolant Temperature for Closed Loop Fuel Control

P0126 Insufficient Coolant Temperature for Stable Operation

P0128 Range/Performance Problem In Thermostat

P0128 ECT Below Thermostat Regulating Temperature

P0130 Oxygen Sensor Circuit Malfunction (Bank 1 Sensor 1)

P0131 Oxygen Sensor Circuit Low Voltage (Bank 1 Sensor 1)

P0132 Oxygen Sensor Circuit High Voltage (Bank 1 Sensor 1)

P0133 Oxygen Sensor Circuit Slow Response (Bank 1 Sensor 1)

P0134 Oxygen Sensor Circuit No Activity Detected (Bank 1 Sensor 1)

P0135 Oxygen Sensor Heater Circuit Malfunction (Bank 1 Sensor 1)

P0136 Oxygen Sensor Circuit Malfunction (Bank 1 Sensor 2)

P0137 Oxygen Sensor Circuit Low Voltage (Bank 1 Sensor 2)

P0138 Oxygen Sensor Circuit High Voltage (Bank 1 Sensor 2)

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)

P0170 Fuel Trim Malfunction (Bank 1)

P0171 System too Lean (Bank 1)

P0172 System too Rich (Bank 1)

P0173 Fuel Trim Malfunction (Bank 2)

P0174 System too Lean (Bank 2)

P0175 System too Rich (Bank 2)

P0176 Fuel Composition Sensor Circuit Malfunction

P0177 Fuel Composition Sensor Circuit Range/Performance

P0178 Fuel Composition Sensor Circuit Low Input

P0179 Fuel Composition Sensor Circuit High Input

P0180 Fuel Temperature Sensor A Circuit Malfunction

P0181 Fuel Temperature Sensor A Circuit Range/Performance

P0182 Fuel Temperature Sensor A Circuit Low Input

P0183 Fuel Temperature Sensor A Circuit High Input

P0184 Fuel Temperature Sensor A Circuit Intermittent

P0185 Fuel Temperature Sensor B Circuit Malfunction

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 Engine 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	P0258 Injection Pump Fuel Metering Control "B" Low (Cam/Rotor/Injector)
P0236 Turbocharger Boost Sensor A Circuit Range/Performance	P0259 Injection Pump Fuel Metering Control "B" High (Cam/Rotor/Injector)
P0237 Turbocharger Boost Sensor A Circuit Low	P0260 Injection Pump Fuel Metering Control "B" Intermittent (Cam/Rotor/Injector)
P0238 Turbocharger Boost Sensor A Circuit High	P0261 Cylinder 1 Injector Circuit Low
P0239 Turbocharger Boost Sensor B Malfunction	P0262 Cylinder 1 Injector Circuit High
P0240 Turbocharger Boost Sensor B Circuit Range/Performance	P0263 Cylinder 1 Contribution/Balance Fault
P0241 Turbocharger Boost Sensor B Circuit Low	P0264 Cylinder 2 Injector Circuit Low
P0242 Turbocharger Boost Sensor B Circuit High	P0265 Cylinder 2 Injector Circuit High
P0243 Turbocharger Wastegate Solenoid A Malfunction	P0266 Cylinder 2 Contribution/Balance Fault
P0244 Turbocharger Wastegate Solenoid A Range/Performance	P0267 Cylinder 3 Injector Circuit Low
P0245 Turbocharger Wastegate Solenoid A Low	P0268 Cylinder 3 Injector Circuit High
P0246 Turbocharger Wastegate Solenoid A High	P0269 Cylinder 3 Contribution/Balance Fault
P0247 Turbocharger Wastegate Solenoid B Malfunction	P0270 Cylinder 4 Injector Circuit Low
P0248 Turbocharger Wastegate Solenoid B Range/Performance	P0271 Cylinder 4 Injector Circuit High
P0249 Turbocharger Wastegate Solenoid B Low	P0272 Cylinder 4 Contribution/Balance Fault
P0250 Turbocharger Wastegate Solenoid B High	P0273 Cylinder 5 Injector Circuit Low
P0251 Injection Pump Fuel Metering Control "A" Malfunction (Cam/Rotor/Injector)	P0274 Cylinder 5 Injector Circuit High
P0252 Injection Pump Fuel Metering Control "A" Range/Performance (Cam/Rotor/Injector)	P0275 Cylinder 5 Contribution/Balance Fault
P0253 Injection Pump Fuel Metering Control "A" Low (Cam/Rotor/Injector)	P0276 Cylinder 6 Injector Circuit Low
P0254 Injection Pump Fuel Metering Control "A" High (Cam/Rotor/Injector)	P0277 Cylinder 6 Injector Circuit High
P0255 Injection Pump Fuel Metering Control "A" Intermittent (Cam/Rotor/Injector)	P0278 Cylinder 6 Contribution/Balance Fault
P0256 Injection Pump Fuel Metering Control "B" Malfunction (Cam/Rotor/Injector)	P0279 Cylinder 7 Injector Circuit Low
P0257 Injection Pump Fuel Metering Control "B" Range/Performance (Cam/Rotor/Injector)	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	P0322 Ignition/Distributor Engine Speed Input Circuit No Signal
P0286 Cylinder 9 Injector Circuit High	P0323 Ignition/Distributor Engine Speed Input Circuit Intermittent
P0287 Cylinder 9 Contribution/Balance Fault	P0325 Knock Sensor 1 Circuit Malfunction (Bank 1 or Single Sensor)
P0288 Cylinder 10 Injector Circuit Low	P0326 Knock Sensor 1 Circuit Range/Performance (Bank 1 or Single Sensor)
P0289 Cylinder 10 Injector Circuit High	P0327 Knock Sensor 1 Circuit Low Input (Bank 1 or Single Sensor)
P0290 Cylinder 10 Contribution/Balance Fault	P0328 Knock Sensor 1 Circuit High Input (Bank 1 or Single Sensor)
P0291 Cylinder 11 Injector Circuit Low	P0329 Knock Sensor 1 Circuit Intermittent (Bank 1 or Single Sensor)
P0292 Cylinder 11 Injector Circuit High	P0330 Knock Sensor 2 Circuit Malfunction (Bank 2)
P0293 Cylinder 11 Contribution/Balance Fault	P0331 Knock Sensor 2 Circuit Range/Performance (Bank 2)
P0294 Cylinder 12 Injector Circuit Low	P0332 Knock Sensor 2 Circuit Low Input (Bank 2)
P0295 Cylinder 12 Injector Circuit High	P0333 Knock Sensor 2 Circuit High Input (Bank 2)
P0296 Cylinder 12 Contribution/Range Fault	P0334 Knock Sensor 2 Circuit Intermittent (Bank 2)
➤ PO300 - PO399 Numbered Code Identification Chart	P0335 Crankshaft Position Sensor A Circuit Malfunction
P0300 Random/Multiple Cylinder Misfire Detected	P0336 Crankshaft Position Sensor A Circuit Range/Performance
P0301 Cylinder 1 Misfire Detected	P0337 Crankshaft Position Sensor A Circuit Low Input
P0302 Cylinder 2 Misfire Detected	P0338 Crankshaft Position Sensor A Circuit High Input
P0303 Cylinder 3 Misfire Detected	P0340 Camshaft Position Sensor Circuit Malfunction
P0304 Cylinder 4 Misfire Detected	P0341 Camshaft Position Sensor Circuit Range/Performance
P0305 Cylinder 5 Misfire Detected	P0342 Camshaft Position Sensor Circuit Low Input
P0306 Cylinder 6 Misfire Detected	P0343 Camshaft Position Sensor Circuit High Input
P0307 Cylinder 7 Misfire Detected	P0344 Camshaft Position Sensor Circuit Intermittent
P0308 Cylinder 8 Misfire Detected	P0350 Ignition Coil Primary/Secondary Circuit Malfunction
P0309 Cylinder 9 Misfire Detected	P0352 Ignition Coil B Primary/Secondary Circuit Malfunction
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	

OBD II Diagnostic Trouble Codes

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

OBD II Diagnostic Trouble Codes

P0472 Exhaust Pressure Sensor Low	Voltage
P0473 Exhaust Pressure Sensor High	P0530 A/C Refrigerant Pressure Sensor Circuit Malfunction
P0474 Exhaust Pressure Sensor Intermittent	P0531 A/C Refrigerant Pressure Sensor Circuit Range/Performance
P0475 Exhaust Pressure Control Valve Malfunction	P0532 A/C Refrigerant Pressure Sensor Circuit Low Input
P0476 Exhaust Pressure Control Valve Range/Performance	P0533 A/C Refrigerant Pressure Sensor Circuit High Input
P0477 Exhaust Pressure Control Valve Low	P0534 Air Conditioner Refrigerant Charge Loss
P0478 Exhaust Pressure Control Valve High	P0550 Power Steering Pressure Sensor Circuit Malfunction
P0479 Exhaust Pressure Control Valve Intermittent	P0551 Power Steering Pressure Sensor Circuit Range/Performance
P0480 Cooling Fan 1 Control Circuit Malfunction	P0552 Power Steering Pressure Sensor Circuit Low Input
P0481 Cooling Fan 2 Control Circuit Malfunction	P0553 Power Steering Pressure Sensor Circuit High Input
P0482 Cooling Fan 3 Control Circuit Malfunction	P0554 Power Steering Pressure Sensor Circuit Intermittent
P0483 Cooling Fan Rationality Check Malfunction	P0560 System Voltage Malfunction
P0484 Cooling Fan Circuit Over Current	P0561 System Voltage Unstable
P0485 Cooling Fan Power/Ground Circuit Malfunction	P0562 System Voltage Low
➤ PO500 - PO599 Numbered Code Identification Chart	P0563 System Voltage High
P0500 Vehicle Speed Sensor Malfunction	P0565 CRUISE CONTROL ON SIGNAL MALFUNCTION
P0501 Vehicle Speed Sensor Range/Performance	P0566 Cruise Control Off Signal Malfunction
P0502 Vehicle Speed Sensor Low Input	P0567 Cruise Control Resume Signal Malfunction
P0503 Vehicle Speed Sensor Intermittent/Erratic/Higg	P0568 Cruise Control Set Signal Malfunction
P0505 Idle Control System Malfunction	P0569 Cruise Control Coast Signal Malfunction
P0506 Idle Control System RPM Lower Than Expected	P0570 Cruise Control Accel Signal Malfunction
P0507 Idle Control System RPM Higher Than Expected	P0571 Cruise Control/Brake Switch A Circuit Malfunction
P0510 Closed Throttle Position Switch Malfunction	P0572 Cruise Control/Brake Switch A Circuit Low Voltage
P0520 Engine Oil Pressure Sensor/Switch Circuit Malfunction	P0573 Cruise Control/Brake Switch A Circuit High
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	

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

➤ **P0600 - P0699 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

➤ **P0700 - P0799 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	P0756 Shift Solenoid B Performance or Stuck Off
P0725 Engine Speed input Circuit Malfunction	P0757 Shift Solenoid B Stuck On
P0726 Engine Speed Input Circuit Range/Performance	P0758 Shift Solenoid B Electrical
P0727 Engine Speed Input Circuit No Signal	P0759 Shift Solenoid B Intermittent
P0728 Engine Speed Input Circuit Intermittent	P0760 Shift Solenoid C Malfunction
P0730 Incorrect Gear Ratio	P0761 Shift Solenoid C Performance or Stuck Off
P0731 Gear 1 Incorrect ratio	P0762 Shift Solenoid C Stuck On
P0732 Gear 2 Incorrect ratio	P0763 Shift Solenoid C Electrical
P0733 Gear 3 Incorrect ratio	P0764 Shift Solenoid C Intermittent
P0734 Gear 4 Incorrect ratio	P0765 Shift Solenoid D Malfunction
P0735 Gear 5 Incorrect ratio	P0766 Shift Solenoid D Performance or Stuck Off
P0736 Reverse incorrect gear ratio	P0767 Shift Solenoid D Stuck On
P0740 Torque Converter Clutch Circuit Malfunction	P0768 Shift Solenoid D Electrical
P0741 Torque Converter Clutch Circuit Performance or Stuck Off	P0769 Shift Solenoid D Intermittent
P0742 Torque Converter Clutch Circuit Stuck On	P0770 Shift Solenoid E Malfunction
P0743 Torque Converter Clutch Circuit Electrical	P0771 Shift Solenoid E Performance or Stuck Off
P0744 Torque Converter Clutch Circuit Intermittent	P0772 Shift Solenoid E Stuck On
P0745 Pressure Control Solenoid Malfunction	P0773 Shift Solenoid E Electrical
P0746 Pressure Control Solenoid Performance or Stuck Off	P0774 Shift Solenoid E Intermittent
P0747 Pressure Control Solenoid Stuck On	P0780 Shift Malfunction
P0748 Pressure Control Solenoid Electrical	P0781 1-2 Shift Malfunction
P0749 Pressure Control Solenoid Intermittent	P0782 2-3 Shift Malfunction
P0750 Shift Solenoid A Malfunction	P0783 3-4 Shift Malfunction
P0751 Shift Solenoid A Performance or Stuck Off	P0784 4-5 Shift Malfunction
P0752 Shift Solenoid A Stuck On	P0785 Shift/Timing Solenoid Malfunction
P0753 Shift Solenoid A Electrical	P0786 Shift/Timing Solenoid Range/Performance
P0754 Shift Solenoid A Intermittent	P0787 Shift/Timing Solenoid Low
P0755 Shift Solenoid B Malfunction	P0788 Shift/Timing Solenoid High
	P0789 Shift/Timing Solenoid Intermittent

OBD II Diagnostic Trouble Codes

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

P1168 FRP Sensor In Range But Low

P1169 FRP Sensor In Range But High

P1171 Electronic Throttle System Open

P1172 Electronic Throttle System Motor Current

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 2 Sensor 1)

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 (Bank 1 Sensor 2) Open Circuit During Coast Down Fuel Cut-off

P1183 EOT Sensor Circuit Malfunction

P1184 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 EBTTCM DTC Detected-Rough Data Unusable

P1380 Variable Cam Timing Solenoid A Circuit Malfunction

P1381 Misfire Detected-No EBTTCM/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	P1454 Secondary Air Injection Pump With Series Resistor Control Circuit Electrical
P1421 Secondary Air System Bank 1	P1456 Leak Detected In EVAP Control System
P1422 Secondary Air System Bank 2	P1457 Leak Detected In EVAP Control System
P1432 Secondary Air Injection System Incorrect Flow Detected	P1459 Heated Catalyst Heater Power Supply Open Circuit (Bank 2)
P1436 A/C Evaporator Temperature Circuit Low Input	P1460 Heated Catalyst Heater Power Switch Temperature Sensor Electrical (Bank 2)
P1437 A/C Evaporator Temperature Circuit High Input	P1461 Heated Catalyst Gate Voltage Signal Low
P1438 Purge Control Valve Control Open Circuit	P1462 Heated Catalyst Internal Control Module Checksum/ROM Error
P1439 Purge Control Valve Control Circuit Signal Low	P1463 Heated Catalyst Battery Temperature Sensor 1 Electrical
P1440 Purge Control Valve Control Circuit Signal High	P1464 Heated Catalyst Battery Temperature Sensor 2 Electrical
P1441 Evaporative System Flow During Non-Purge	P1465 Heated Catalyst Battery Temperature Sensor 1 or 2 Plausibility
P1442 Leakage Diagnostic Pump Control Circuit Signal Low	P1466 Heated Catalyst Power Switch Temperature Sensor Plausibility
P1443 Leakage Diagnostic Pump Control Circuit Signal High	P1467 Heated Catalyst Comparison Battery Voltages of Power Switches Plausibility
P1444 Diagnostic Module Tank Leakage (DM-TL) Pump Control Open Circuit	P1468 Heated Catalyst Battery Disconnecting Switch Plausibility
P1445 Diagnostic Module Tank Leakage (DM-TL) Pump Control Circuit Signal Low	P1469 Low A/C Cycling Period
P1446 Diagnostic Module Tank Leakage (DM-TL) Pump Control Circuit Signal High	P1470 Leakage Diagnostic Pump Control Circuit Electrical
P1447 Diagnostic Module Tank Leakage (DM-TL) Pump Too High During Switching	P1472 Diagnostic Module Tank leakage (DM-TL) Switching Solenoid Control Circuit Electrical
P1448 Diagnostic Module Tank Leakage (DM-TL) Pump Too Low During Switching	P1473 Diagnostic Module Tank leakage (DM-TL) Pump Current Plausibility
P1449 Diagnostic Module Tank Leakage (DM-TL) Pump Too High	P1474 HCF Primary Circuit Failure
P1450 Diagnostic Module Tank Leakage (DM-TL) Switching Solenoid Open Circuit	P1475 Leakage Diagnostic Pump Reed Switch Did Not Close
P1451 Diagnostic Module Tank Leakage (DM-TL) Switching Solenoid Control Circuit Signal Low	P1476 Leakage Diagnostic Pump Clamped Tube
P1452 Diagnostic Module Tank Leakage (DM-TL) Switching Solenoid Control Circuit Signal High	P1477 Too Much Secondary Air
P1453 Secondary Air Injection Pump Relay Control Circuit Electrical	P1478 Battery Temp Sensor Volts Out of Limit

OBD II Diagnostic Trouble Codes

P1479 Transmission Fan Relay Circuit	P1517 Inlet Manifold Runner Control Input Error (Bank 2)
P1480 PCV Solenoid Valve	P1518 Inlet Manifold Runner Control Stuck Open
P1482 Catalyst Temperature Sensor Circuit Shorted Low	P1519 Malfunction In IAC Valve Circuit
P1483 Engine Cooling System Performance	P1520 Intake Manifold Runner Control (IMRC) circuit malfunction
P1484 Catalytic Converter Overheat Detected	P1524 Throttle Position (TP) Sensor Learned Closed Throttle Angle Degrees Out-Of-Range
P1485 Air Injection Solenoid Circuit	P1527 Trans Range / Pressure Switch Comparison
P1486 Evap Leak Monitor Pinched Hose	P1546 Air Conditioning (A/C) Clutch Relay Control Circuit
P1487 Hi Speed Rad Fan CTRL Relay Circuit	P1549 Intake Manifold Control Circuit Malfunction
P1488 Auxiliary 5 Volt Supply Output Too Low	P1550 PSP Sensor Malfunction
P1489 High Speed Fan CTRL Relay Circuit	P1554 Cruise Engaged Circuit High Voltage
P1490 Low Speed Fan CTRL Relay Circuit	P1560 Cruise Control System-Transaxle Not in Drive
P1491 Malfunction In EGR System	P1564 Cruise Control System-Vehicle Acceleration too high
P1492 EVAP Canister Purge Control/Solenoid Valve (Circuit)	P1566 Cruise Control System-Engine RPM Too High
P1493 Ambient/Batt Temp Sen Volts Too Low	P1567 Cruise Control- ABCS Active
P1494 Leak Detection Pump Switch or Mechanical Fault	P1570 Cruise Control System - Traction Control Active
P1495 Leak Detection Pump Solenoid Circuit	P1571 Traction Control System PWM Circuit No Frequency
P1496 5 Volt Supply Output Too Low	P1572 Brake Pedal Switch Circuit
P1498 Voltage Problem In EGR Valve Position Sensor Circuit	P1574 EBTCM System- Stop Lamp Switch Circuit High Voltage
➤ P1500 - P1599 Numbered Code Identification Chart	P1575 Extended Travel Brake Switch Circuit High Voltage
P1500 Vehicle Speed Sensor (VSS)	P1579 Park/Neutral to Drive/Reverse At high Throttle Angle
P1501 Vehicle Speed Sensor (VSS) Out Of Range	P1585 Cruise Control Inhibit Output Circuit
P1502 Vehicle Speed Sensor (VSS) Intermittent	P1594 Charging System Voltage Too High
P1505 Idle Air Control At Adaptive Clip	P1595 Speed Control Solenoid Circuits
P1506 Idle Air Control System Over speed Error	P1596 Speed Control Switch always High
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)	

OBD II Diagnostic Trouble Codes

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 HVACC 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

OBD II Diagnostic Trouble Codes

P1706 Automatic Transaxle	P1781 4x4 Switch Out Of Range
P1709 Automatic Transaxle	P1783 Transmission Over Temperature Condition
P1710 Automatic Transaxle	P1786 Automatic Transaxle
P1711 Transmission Fluid Temperature Sensor	P1790 Automatic Transaxle
P1713 Automatic Transaxle	P1791 Automatic Transaxle
P1719 Skip Shift Solenoid Circuit	P1792 Automatic Transaxle
P1729 4x4 Low Switch	➤ P1800 - P1899 Numbered Code Identification Chart
P1738 Automatic Transaxle	P1810 TFP Valve Position Switch Circuit
P1739 Automatic Transaxle	P1811 Maximum Adapt and Long Shift
P1740 Automatic Transaxle	P1819 Internal Mode Switch - No Start/Wrong Range
P1746 EPC Solenoid Failed Low	P1820 Internal Mode Switch Circuit A Low
P1747 EPC Solenoid Short Circuit	P1822 Internal Mode Switch Circuit B High
P1749 EPC Solenoid Open Circuit	P1823 Internal Mode Switch Circuit P Low
P1751 Shift Solenoid #1 (SS1)	P1825 Internal Mode Switch - Invalid Range
P1753 Automatic Transaxle	P1826 Internal Mode Switch Circuit C High
P1754 Coast Clutch Solenoid	P1860 TCC PWM Solenoid Circuit Electrical
P1756 GOV Press Not Equal To Target @ 15-20 PSI	P1887 TCC Release Switch Circuit
P1756 Shift Solenoid #2 (SS2)	P1899 Park/Neutral Position Switch Stuck In Park or In Gear
P1757 GOV Press Not Equal To Target @ 15-20 PSI	
P1758 Automatic Transaxle	
P1761 Shift Solenoid #3 (SS3)	
P1762 Gov Press Sen Offset Volts Too Low or high	
P1763 Governor Pressure Sensor Volts Too High	
P1764 Governor Pressure Sensor Volts Too Low	
P1765 Trans 12 Volt Supply Relay CTRL Circuit	
P1768 Automatic Transaxle	
P1773 Automatic Transaxle	
P1778 Automatic Transaxle	
P1780 Transmission Control Switch	