

## ***OBD-2 (SAE) Diagnostic Trouble Codes (DTCs)***

### **P01XX Fuel and Air Metering**

P0100 Mass or Volume Air flow Circuit Malfunction

P0101 Mass or Volume Air flow Circuit Range/Performance Problem

P0102 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

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

P0130 O2 Sensor Circuit Malfunction (Bank 1 Sensor 1)

P0131 O2 Sensor Circuit Low Voltage (Bank 1 Sensor 1)

P0132 O2 Sensor Circuit High Voltage (Bank 1 Sensor 1)

P0133 O2 Sensor Circuit Slow Response (Bank 1 Sensor 1)

P0134 O2 Sensor Circuit No Activity Detected (Bank 1 Sensor 1)

P0135 O2 Sensor Heater Circuit Malfunction (Bank 1 Sensor 1)

P0136 O2 Sensor Circuit Malfunction (Bank 1 Sensor 2)

P0137 O2 Sensor Circuit Low Voltage (Bank 1 Sensor 2)

P0138 O2 Sensor Circuit High Voltage (Bank 1 Sensor 2)  
P0139 O2 Sensor Circuit Slow Response (Bank 1 Sensor 2)  
P0140 O2 Sensor Circuit No Activity Detected (Bank 1 Sensor 2)  
P0141 O2 Sensor Heater Circuit Malfunction (Bank 1 Sensor 2)  
P0142 O2 Sensor Circuit Malfunction (Bank 1 Sensor 3)  
P0143 O2 Sensor Circuit Low Voltage (Bank 1 Sensor 3)  
P0144 O2 Sensor Circuit High Voltage (Bank 1 Sensor 3)  
P0145 O2 Sensor Circuit Slow Response (Bank 1 Sensor 3)  
P0146 O2 Sensor Circuit No Activity Detected (Bank 1 Sensor 3)  
P0147 O2 Sensor Heater Circuit Malfunction (Bank 1 Sensor 3)  
P0150 O2 Sensor Circuit Malfunction (Bank 2 Sensor 1)  
P0151 O2 Sensor Circuit Low Voltage (Bank 2 Sensor 1)  
P0152 O2 Sensor Circuit High Voltage (Bank 2 Sensor 1)  
P0153 O2 Sensor Circuit Slow Response (Bank 2 Sensor 1)  
P0154 O2 Sensor Circuit No Activity Detected (Bank 2 Sensor 1)  
P0155 O2 Sensor Heater Circuit Malfunction (Bank 2 Sensor 1)  
P0156 O2 Sensor Circuit Malfunction (Bank 2 Sensor 2)  
P0157 O2 Sensor Circuit Low Voltage (Bank 2 Sensor 2)  
P0158 O2 Sensor Circuit High Voltage (Bank 2 Sensor 2)  
P0159 O2 Sensor Circuit Slow Response (Bank 2 Sensor 2)  
P0160 O2 Sensor Circuit No Activity Detected (Bank 2 Sensor 2)  
P0161 O2 Sensor Heater Circuit Malfunction (Bank 2 Sensor 2)  
P0162 O2 Sensor Circuit Malfunction (Bank 2 Sensor 3)  
P0163 O2 Sensor Circuit Low Voltage (Bank 2 Sensor 3)  
P0164 O2 Sensor Circuit High Voltage (Bank 2 Sensor 3)  
P0165 O2 Sensor Circuit Slow Response (Bank 2 Sensor 3)  
P0166 O2 Sensor Circuit No Activity Detected (Bank 2 Sensor 3)  
P0167 O2 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 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  
P0186 Fuel Temperature Sensor B Circuit Range/Performance  
P0187 Fuel Temperature Sensor U 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

## **P02XX Fuel and Air Metering**

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 Over Speed Condition  
P0220 Throttle/Pedal Position Sensor/Switch B Circuit 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  
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 Circuit 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 lump 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/Balance Fault

## **P03XX Ignition System or Misfire**

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 Input 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 Input 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

P0339 Crankshaft Position Sensor A Circuit Intermittent

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  
P0351 Ignition Coil A 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 B 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  
P0359 Ignition Coil I Primary/Secondary Circuit Malfunction  
P0360 Ignition Coil I 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  
P0389 Crankshaft Position Sensor B Circuit Intermittent

## **P04XX Auxiliary Emission Controls**

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  
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 Tank Detected (gross leak)

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

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 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

## **P05XX Vehicle Speed, Idle Control, and Auxiliary Inputs**

P0500 Vehicle Speed Sensor Malfunction

P0501 Vehicle Speed Sensor Range/Performance

P0502 Vehicle Speed Sensor Circuit 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 Range/Performance

P0522 Engine Oil Pressure Sensor/Switch Low Voltage  
P0523 Engine Oil Pressure Sensor/Switch 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  
P0574 through 10580 Reserved for Cruise Codes

## **P06XX Computer and Auxiliary Outputs**

P0600 Serial 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 (Module Identification Defined by SAE J1979)  
P0606 PCM Processor Fault  
P0608 Control Module VSS Output "A" Malfunction  
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  
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

## **P07XX Transmission**

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 Circuit Range/Performance  
P0722 Output Speed Sensor Circuit No Signal  
P0723 Output Speed Sensor Circuit Intermittent  
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 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

## **P08XX Transmission**

P080I 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