

## Diagnostic Trouble Codes (DTCs)

This section contains the J2012 Diagnostic Trouble Codes (DTCs) as defined by the Society of Automotive Engineers (SAE). Diagnostic Trouble Codes (DTCs) are recommendations not a requirement. Manufacturers may not follow these, but most do.

Check vehicle's service manual for DTC meaning if the code(s) you are getting does not make sense.

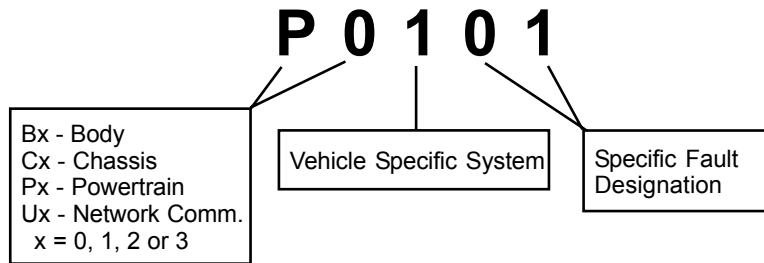
Diagnostic Trouble Code (DTCs) definitions have been assigned or reserved by the Society of Automotive Engineers (SAE) to direct to proper service area(s).

Codes not assigned or reserved by the Society of Automotive Engineers (SAE) are reserved for the manufacturer and referred to as Manufacturer Specific Diagnostic Trouble Codes (DTCs).

### **Remember:**

- Visual inspections are important!
- Problems with wiring and connectors are common, especially for intermittent faults.
- Mechanical problems (vacuum leaks, binding or sticking linkages, etc.) can make a good sensor look bad to the computer.
- Incorrect information from a sensor may cause the computer to control the engine in the wrong way. Faulty engine operation might even make the computer show a known good sensor as being bad!

**NOTE:** Additional DTC definitions can be obtained from the CD supplied. If there are any problems operating the supplied CD contact Customer Service at 1(800) 228-7667.



**Example:**  
**P0101** - Mass or Volume Air Flow Circuit Range/Performance Problem

**Powertrain Codes**

- P0xxx - Generic (SAE)*
- P1xxx - Manufacturer Specific*
- P2xxx - Generic (SAE)*
- P30xx-P33xx - Manufacturer Specific*
- P34xx-P39xx - Generic (SAE)*

**Chassis Codes**

- C0xxx - Generic (SAE)*
- C1xxx - Manufacturer Specific*
- C2xxx - Manufacturer Specific*
- C3xxx - Generic (SAE)*

**Body Codes**

- B0xxx - Generic (SAE)*
- B1xxx - Manufacturer Specific*
- B2xxx - Manufacturer Specific*
- B3xxx - Generic (SAE)*

**Network Communication Codes**

- U0xxx - Generic (SAE)*
- U1xxx - Manufacturer Specific*
- U2xxx - Manufacturer Specific*
- U3xxx - Generic (SAE)*

**P0001 - P0074**

P0001 Fuel Volume Regulator Control Circuit/Open  
P0002 Fuel Volume Regulator Control CKT Range/Perf  
P0003 Fuel Volume Regulator Control Circuit Low  
P0004 Fuel Volume Regulator Control Circuit High  
P0005 Fuel Shutoff Vlv. A Control Circuit/Open  
P0006 Fuel Shutoff Vlv. A Control Circuit Low  
P0007 Fuel Shutoff Vlv. A Control Circuit High  
P0008 Engine Position System Performance (Bank 1)  
P0009 Engine Position System Performance (Bank 2)  
P0010 Camshaft Position Actuator A - Bank 1 Circuit Malfunction  
P0011 Camshaft Position Actuator A - Bank 1 Timing Over-Advan.  
P0012 Camshaft Position Actuator A - Bank 1 Timing Over-Retard  
P0013 Camshaft Position Actuator B - Bank 1 Circuit Malfunction  
P0014 Camshaft Position Actuator B - Bank 1 Timing Over-Advan.  
P0015 Camshaft Position Actuator B - Bank 1 Timing Over-Retard  
P0016 Cam/Crankshaft Pos. Correlation Sensor A - Bank 1  
P0017 Cam/Crankshaft Pos. Correlation Sensor B - Bank 1  
P0018 Cam/Crankshaft Pos. Correlation Sensor A - Bank 2  
P0019 Cam/Crankshaft Pos. Correlation Sensor B - Bank 2  
P0020 Camshaft Position Actuator A - Bank 2 Circuit Malfunction  
P0021 Camshaft Position Actuator A - Bank 2 Timing Over-Advan.  
P0022 Camshaft Position Actuator A - Bank 2 Timing Over-Retard  
P0023 Camshaft Position Actuator B - Bank 2 Circuit Malfunction  
P0024 Camshaft Position Actuator B - Bank 2 Timing Over-Advan.  
P0025 Camshaft Position Actuator B - Bank 2 Timing Over-Retard  
P0026 Intake Valve-Bank 1 Control Solenoid CKT Range/Perf  
P0027 Exhaust Valve-Bank1 Control Solenoid CKT Range/Perf  
P0028 Intake Valve-Bank 2 Control Solenoid CKT Range/Perf  
P0029 Exhaust Valve-Bank2 Control Solenoid CKT Range/Perf  
P0030 HO2S Bank 1 Sen 1 Heater Circuit  
P0031 HO2S Bank 1 Sen 1 Heater Circuit Low  
P0032 HO2S Bank 1 Sen 1 Heater Circuit High  
P0033 Turbo/Sup Wastegate Control Circuit  
P0034 Turbo/Sup Wastegate Control Circuit Low  
P0035 Turbo/Sup Wastegate Control Circuit High  
P0036 HO2S Bank 1 Sen 2 Heater Circuit  
P0037 HO2S Bank 1 Sen 2 Heater Circuit Low

P0038 HO2S Bank 1 Sen 2 Heater Circuit High  
P0039 Turbo/Super Charger Bypass Cntrl CKT Performance  
P0040 O2 Bank 1 Sensor 1 Signals Swapped w/ O2 Bank 2 Sensor 1  
P0041 O2 Bank 1 Sensor 2 Signals Swapped w/ O2 Bank 2 Sensor 2  
P0042 HO2S Bank 1 Sen 3 Heater Circuit  
P0043 HO2S Bank 1 Sen 3 Heater Circuit Low  
P0044 HO2S Bank 1 Sen 3 Heater Circuit High  
P0045 Turbo/Super Boost Ctrl Solenoid A Circuit/Open  
P0046 Turbo/Super Boost Ctrl Solenoid A CKT Range/Perf  
P0047 Turbo/Super Boost Ctrl Solenoid A Circuit Low  
P0048 Turbo/Super Boost Ctrl Solenoid A Circuit High  
P0049 Turbo/Super Boost Input/Turbine Speed Overspeed  
P0050 HO2S Bank 2 Sen 1 Heater Circuit  
P0051 HO2S Bank 2 Sen 1 Heater Circuit Low  
P0052 HO2S Bank 2 Sen 1 Heater Circuit High  
P0053 HO2S Bank 1 Sen 1 Heater Resistance  
P0054 HO2S Bank 1 Sen 2 Heater Resistance  
P0055 HO2S Bank 1 Sen 3 Heater Resistance  
P0056 HO2S Bank 2 Sen 2 Heater Circuit  
P0057 HO2S Bank 2 Sen 2 Heater Circuit Low  
P0058 HO2S Bank 2 Sen 2 Heater Circuit High  
P0059 HO2S Bank 2 Sen 1 Heater Resistance  
P0060 HO2S Bank 2 Sen 2 Heater Resistance  
P0061 HO2S Bank 2 Sen 3 Heater Resistance  
P0062 HO2S Bank 2 Sen 3 Heater Circuit  
P0063 HO2S Bank 2 Sen 3 Heater Circuit Low  
P0064 HO2S Bank 2 Sen 3 Heater Circuit High  
P0065 Air Assisted Injec. Control Range/Performance  
P0066 Air Assisted Injec. Control Circuit Low  
P0067 Air Assisted Injec. Control Circuit High  
P0068 MAF/MAP Sensor Throttle Position Correlation  
P0069 MAP/BARO Correlation  
P0070 Ambient Air Temp. Sensor Circuit  
P0071 Ambient Air Temp. Sensor Range/Performance  
P0072 Ambient Air Temp. Sensor Circuit Low  
P0073 Ambient Air Temp. Sensor Circuit High  
P0074 Ambient Air Temp. Sensor CKT Intermittent

## **P0075 - P0148**

P0075 Intake Valve-Bank 1 Control Circuit  
P0076 Intake Valve-Bank 1 Control Circuit Low  
P0077 Intake Valve-Bank 1 Control Circuit High  
P0078 Exhaust Valve-Bank1 Control Circuit  
P0079 Exhaust Valve-Bank1 Control Circuit Low  
P0080 Exhaust Valve-Bank1 Control Circuit High  
P0081 Intake Valve-Bank 2 Control Circuit  
P0082 Intake Valve-Bank 2 Control Circuit Low  
P0083 Intake Valve-Bank 2 Control Circuit High  
P0084 Exhaust Valve-Bank2 Control Circuit  
P0085 Exhaust Valve-Bank2 Control Circuit Low  
P0086 Exhaust Valve-Bank2 Control Circuit High  
P0087 Fuel Rail Pressure Too Low  
P0088 Fuel Rail Pressure Too High  
P0089 Fuel Pressure Reg 1 Performance  
P0090 Fuel Pressure Reg 1 Control Circuit  
P0091 Fuel Pressure Reg 1 Control Circuit Low  
P0092 Fuel Pressure Reg 1 Control Circuit High  
P0093 Fuel System Leak (Large)  
P0094 Fuel System Leak (Small)  
P0095 IAT Sensor 2 Circuit  
P0096 IAT Sensor 2 CKT Range/Perf  
P0097 IAT Sensor 2 Circuit Low  
P0098 IAT Sensor 2 Circuit High  
P0099 IAT Sensor 2 CKT Intermittent  
P0100 MAF or VAF A Circuit Malfunction  
P0101 MAF or VAF A CKT Range/Perf  
P0102 MAF or VAF A Circuit Low Input  
P0103 MAF or VAF A Circuit High Input  
P0104 MAF or VAF A CKT Intermittent  
P0105 MAP/BARO Circuit Malfunction  
P0106 MAP/BARO CKT Range/Perf  
P0107 MAP/BARO Circuit Low Input  
P0108 MAP/BARO Circuit High Input  
P0109 MAP/BARO CKT Intermittent  
P0110 IAT Sensor Circuit Malfunction  
P0111 IAT Sensor 1 CKT Range/Perf

P0112 IAT Sensor 1 Circuit Low Input  
P0113 IAT Sensor 1 Circuit High Input  
P0114 IAT Sensor 1 CKT Intermittent  
P0115 Engine Coolant Temp Circuit Malfunction  
P0116 Engine Coolant Temp CKT Range/Perf  
P0117 Engine Coolant Temp Circuit Low Input  
P0118 Engine Coolant Temp Circuit High Input  
P0119 Engine Coolant Temp CKT Intermittent  
P0120 TPS/Pedal Position Sensor A Circuit Malfunction  
P0121 TPS/Pedal Position Sensor A CKT Range/Perf  
P0122 TPS/Pedal Position Sensor A Circuit Low Input  
P0123 TPS/Pedal Position Sensor A Circuit High Input  
P0124 TPS/Pedal Position Sensor A CKT Intermittent  
P0125 Clsd Loop Fuel Ctrl Insufficient Coolant Temp  
P0126 Coolant Temp Insufficient Stable Operation  
P0127 IAT Sensor Too High  
P0128 Coolant Temp Below Thermostat Regulating Temp  
P0129 Barometric Pressure Too Low  
P0130 O2 Sensor Circuit Malfunction (Bank 1 Sensor 1)  
P0131 O2 Sensor Circuit Low Volts (Bank 1 Sensor 1)  
P0132 O2 Sensor Circuit High Volts (Bank 1 Sensor 1)  
P0133 O2 Sensor CKT Slow Response (Bank 1 Sensor 1)  
P0134 O2 Sensor CKT No Activity (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 Volts (Bank 1 Sensor 2)  
P0138 O2 Sensor Circuit High Volts (Bank 1 Sensor 2)  
P0139 O2 Sensor CKT Slow Response (Bank 1 Sensor 2)  
P0140 O2 Sensor CKT No Activity (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 Volts (Bank 1 Sensor 3)  
P0144 O2 Sensor Circuit High Volts (Bank 1 Sensor 3)  
P0145 O2 Sensor CKT Slow Response (Bank 1 Sensor 3)  
P0146 O2 Sensor CKT No Activity (Bank 1 Sensor 3)  
P0147 O2 Sensor Heater Circuit Malfunction (Bank 1 Sensor 3)  
P0148 Fuel Delivery Malfunction

**P0149 - P0222**

P0149 Fuel Timing Malfunction  
P0150 O2 Sensor Circuit Malfunction (Bank 2 Sensor 1)  
P0151 O2 Sensor Circuit Low Volts (Bank 2 Sensor 1)  
P0152 O2 Sensor Circuit High Volts (Bank 2 Sensor 1)  
P0153 O2 Sensor CKT Slow Response (Bank 2 Sensor 1)  
P0154 O2 Sensor CKT No Activity (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 Volts (Bank 2 Sensor 2)  
P0158 O2 Sensor Circuit High Volts (Bank 2 Sensor 2)  
P0159 O2 Sensor CKT Slow Response (Bank 2 Sensor 2)  
P0160 O2 Sensor CKT No Activity (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 Volts (Bank 2 Sensor 3)  
P0164 O2 Sensor Circuit High Volts (Bank 2 Sensor 3)  
P0165 O2 Sensor CKT Slow Response (Bank 2 Sensor 3)  
P0166 O2 Sensor CKT No Activity (Bank 2 Sensor 3)  
P0167 O2 Sensor Heater Circuit Malfunction (Bank 2 Sensor 3)  
P0168 Engine Fuel Temperature Too High  
P0169 Fuel Composition Incorrect  
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 Compensation Sensor Circuit Malfunction  
P0177 Fuel Compensation Sensor CKT Range/Perf  
P0178 Fuel Compensation Sensor Circuit Low Input  
P0179 Fuel Compensation Sensor Circuit High Input  
P0180 Fuel Temperature Sensor A Circuit Malfunction  
P0181 Fuel Temperature Sensor A CKT Range/Perf  
P0182 Fuel Temperature Sensor A Circuit Low Input  
P0183 Fuel Temperature Sensor A Circuit High Input  
P0184 Fuel Temperature Sensor A CKT Intermittent  
P0185 Fuel Temperature Sensor B Circuit Malfunction

P0186 Fuel Temperature Sensor B CKT Range/Perf  
P0187 Fuel Temperature Sensor B Circuit Low Input  
P0188 Fuel Temperature Sensor B Circuit High Input  
P0189 Fuel Temperature Sensor B CKT Intermittent  
P0190 Fuel Rail Pressure Sensor Circuit Malfunction  
P0191 Fuel Rail Pressure Sensor CKT Range/Perf  
P0192 Fuel Rail Pressure Sensor Circuit Low Input  
P0193 Fuel Rail Pressure Sensor Circuit High Input  
P0194 Fuel Rail Pressure Sensor CKT Intermittent  
P0195 Engine Oil Temp Sensor Circuit Malfunction  
P0196 Engine Oil Temp Sensor CKT Range/Perf  
P0197 Engine Oil Temp Sensor Circuit Low Input  
P0198 Engine Oil Temp Sensor Circuit High Input  
P0199 Engine Oil Temp Sensor CKT Intermittent  
P0200 Injector Circuit Open  
P0201 Injector Circuit Open Cylinder 1  
P0202 Injector Circuit Open Cylinder 2  
P0203 Injector Circuit Open Cylinder 3  
P0204 Injector Circuit Open Cylinder 4  
P0205 Injector Circuit Open Cylinder 5  
P0206 Injector Circuit Open Cylinder 6  
P0207 Injector Circuit Open Cylinder 7  
P0208 Injector Circuit Open Cylinder 8  
P0209 Injector Circuit Open Cylinder 9  
P0210 Injector Circuit Open Cylinder 10  
P0211 Injector Circuit Open Cylinder 11  
P0212 Injector Circuit Open 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 Trans Overtemp Condition  
P0219 Engine Overspeed Condition  
P0220 TPS/Pedal Position Sensor/Switch B Circuit Malfunction  
P0221 TPS/Pedal Position Sensor/Switch B CKT Range/Perf  
P0222 TPS/Pedal Position Sensor/Switch B Circuit Low Input

## **P0223 - P0296**

P0223 TPS/Pedal Position Sensor/Switch B Circuit High Input  
P0224 TPS/Pedal Position Sensor/Switch B CKT Intermittent  
P0225 TPS/Pedal Position Sensor/Switch C Circuit Malfunction  
P0226 TPS/Pedal Position Sensor/Switch C CKT Range/Perf  
P0227 TPS/Pedal Position Sensor/Switch C Circuit Low Input  
P0228 TPS/Pedal Position Sensor/Switch C Circuit High Input  
P0229 TPS/Pedal Position Sensor/Switch C CKT 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 Ckt  
P0234 Engine Overboost Condition  
P0235 Turbo/Super Boost Sensor A Circuit Malfunction  
P0236 Turbo/Super Boost Sensor A CKT Range/Perf  
P0237 Turbo/Super Boost Sensor A Circuit Low Input  
P0238 Turbo/Super Boost Sensor A Circuit High Input  
P0239 Turbo/Super Boost Sensor B Circuit Malfunction  
P0240 Turbo/Super Boost Sensor B CKT Range/Perf  
P0241 Turbo/Super Boost Sensor B Circuit Low Input  
P0242 Turbo/Super Boost Sensor B Circuit High Input  
P0243 Turbo/Sup Wastegate Solenoid A Malfunction  
P0244 Turbo/Sup Wastegate Solenoid A Range/Performance  
P0245 Turbo/Sup Wastegate Solenoid A Low  
P0246 Turbo/Sup Wastegate Solenoid A High  
P0247 Turbo/Sup Wastegate Solenoid B Malfunction  
P0248 Turbo/Sup Wastegate Solenoid B Range/Performance  
P0249 Turbo/Sup Wastegate Solenoid B Low  
P0250 Turbo/Sup Wastegate Solenoid B High  
P0251 Injection Pump Metering Control A  
P0252 Injection Pump Metering Control A Range/Performance  
P0253 Injection Pump Metering Control A Low  
P0254 Injection Pump Metering Control A High  
P0255 Injection Pump Metering Control A Intermittent Ckt  
P0256 Injection Pump Metering Control B Malfunction  
P0257 Injection Pump Metering Control B Range/Performance  
P0258 Injection Pump Metering Control B Low  
P0259 Injection Pump Metering Control B High

P0260 Injection Pump Metering Control B Intermittent Ckt  
P0261 Cylinder 1 Injector Control Circuit Low  
P0262 Cylinder 1 Injector Control Circuit High  
P0263 Cylinder 1 Contribution Balance Fault  
P0264 Cylinder 2 Injector Control Circuit Low  
P0265 Cylinder 2 Injector Control Circuit High  
P0266 Cylinder 2 Contribution Balance Fault  
P0267 Cylinder 3 Injector Control Circuit Low  
P0268 Cylinder 3 Injector Control Circuit High  
P0269 Cylinder 3 Contribution Balance Fault  
P0270 Cylinder 4 Injector Control Circuit Low  
P0271 Cylinder 4 Injector Control Circuit High  
P0272 Cylinder 4 Contribution Balance Fault  
P0273 Cylinder 5 Injector Control Circuit Low  
P0274 Cylinder 5 Injector Control Circuit High  
P0275 Cylinder 5 Contribution Balance Fault  
P0276 Cylinder 6 Injector Control Circuit Low  
P0277 Cylinder 6 Injector Control Circuit High  
P0278 Cylinder 6 Contribution Balance Fault  
P0279 Cylinder 7 Injector Control Circuit Low  
P0280 Cylinder 7 Injector Control Circuit High  
P0281 Cylinder 7 Contribution Balance Fault  
P0282 Cylinder 8 Injector Control Circuit Low  
P0283 Cylinder 8 Injector Control Circuit High  
P0284 Cylinder 8 Contribution Balance Fault  
P0285 Cylinder 9 Injector Control Circuit Low  
P0286 Cylinder 9 Injector Control Circuit High  
P0287 Cylinder 9 Contribution Balance Fault  
P0288 Cylinder 10 Injector Control Circuit Low  
P0289 Cylinder 10 Injector Control Circuit High  
P0290 Cylinder 10 Contribution Balance Fault  
P0291 Cylinder 11 Injector Control Circuit Low  
P0292 Cylinder 11 Injector Control Circuit High  
P0293 Cylinder 11 Contribution Balance Fault  
P0294 Cylinder 12 Injector Control Circuit Low  
P0295 Cylinder 12 Injector Control Circuit High  
P0296 Cylinder 12 Contribution Balance Fault

## **P0297 - P0371**

P0297 Vehicle Overspeed Error  
P0298 Engine Oil Temperature Too High  
P0299 Turbo/Super Charger UnderBoost  
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  
P0313 Misfire Detected Low Fuel Level  
P0314 Misfire Detected Cyl. not Specific  
P0315 Crankshaft Position System Variation Not Learned  
P0316 Misfire Detected 1st 1000 Revs.  
P0317 Rough Road Hardware Not Present  
P0318 Rough Road Sensor A Signal Circuit  
P0319 Rough Road Sensor B  
P0320 Ignition/Dist Engine Speed Input Circuit Malfunction  
P0321 Ignition/Dist Engine Speed Input CKT Range/Perf  
P0322 Ignition/Dist Engine Speed Input Circuit No Signal  
P0323 Ignition/Dist Engine Speed Input CKT Intermittent  
P0324 Knock Control System Malfunction  
P0325 Knock Sensor 1 Circuit Malfunction Bank 1 or 1 Sensor  
P0326 Knock Sensor 1 CKT Range/Perf Bank 1 or 1 Sensor  
P0327 Knock Sensor 1 Circuit Low Input Bank 1 or 1 Sensor  
P0328 Knock Sensor 1 Circuit High Input Bank 1 or 1 Sensor  
P0329 Knock Sensor 1 CKT Intermittent Bank 1 or 1 Sensor  
P0330 Knock Sensor 2 Circuit Malfunction (Bank 2)  
P0331 Knock Sensor 2 CKT Range/Perf (Bank 2)  
P0332 Knock Sensor 2 Circuit Low Input (Bank 2)  
P0333 Knock Sensor 2 Circuit High Input (Bank 2)

P0334 Knock Sensor 2 CKT Intermittent (Bank 2)  
P0335 Crankshaft Position Sensor A Circuit Malfunction  
P0336 Crankshaft Position Sensor A CKT Range/Perf  
P0337 Crankshaft Position Sensor A Circuit Low Input  
P0338 Crankshaft Position Sensor A Circuit High Input  
P0339 Crankshaft Position Sensor A CKT Intermittent  
P0340 Camshaft Position Sensor A - Bank 1 Circuit Malfunction  
P0341 Camshaft Position Sensor A - Bank 1 CKT Range/Perf  
P0342 Camshaft Position Sensor A - Bank 1 Circuit Low Input  
P0343 Camshaft Position Sensor A - Bank 1 Circuit High Input  
P0344 Camshaft Position Sensor A - Bank 1 CKT Intermittent  
P0345 Camshaft Position Sensor A - Bank 2 Circuit Malfunction  
P0346 Camshaft Position Sensor A - Bank 2 CKT Range/Perf  
P0347 Camshaft Position Sensor A - Bank 2 Circuit Low Input  
P0348 Camshaft Position Sensor A - Bank 2 Circuit High Input  
P0349 Camshaft Position Sensor A - Bank 2 CKT 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 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  
P0359 Ignition Coil I Primary/Secondary Circuit Malfunction  
P0360 Ignition Coil J Primary/Secondary Circuit Malfunction  
P0361 Ignition Coil K Primary/Secondary Circuit Malfunction  
P0362 Ignition Coil L Primary/Secondary Circuit Malfunction  
P0363 Misfire Detected Fueling Disabled  
P0365 Camshaft Position Sensor B - Bank 1 Circuit Malfunction  
P0366 Camshaft Position Sensor B - Bank 1 CKT Range/Perf  
P0367 Camshaft Position Sensor B - Bank 1 Circuit Low Input  
P0368 Camshaft Position Sensor B - Bank 1 Circuit High Input  
P0369 Camshaft Position Sensor B - Bank 1 CKT Intermittent  
P0370 Timing Reference High Res Signal A Malfunction  
P0371 Timing Reference High Res Signal A Too Many Pulses

## **P0372 - P0450**

P0372 Timing Reference High Res Signal A Too Few Pulses  
P0373 Timing Reference High Res Signal A Erratic Pulses  
P0374 Timing Reference High Res Signal A No Pulses  
P0375 Timing Reference High Res Signal B Malfunction  
P0376 Timing Reference High Res Signal B Too Many Pulses  
P0377 Timing Reference High Res Signal B Too Few Pulses  
P0378 Timing Reference High Res Signal B Erratic Pulses  
P0379 Timing Reference High Res Signal B No Pulses  
P0380 Glow Plug/Heater CKT A Malfunction  
P0381 Glow Plug/Heater Indicator Circuit Malfunction  
P0382 Glow Plug/Heater CKT B Malfunction  
P0383 Glow Plug Module Control Circuit Low  
P0384 Glow Plug Module Control Circuit High  
P0385 Crankshaft Position Sensor B Circuit Malfunction  
P0386 Crankshaft Position Sensor B CKT Range/Perf  
P0387 Crankshaft Position Sensor B Circuit Low Input  
P0388 Crankshaft Position Sensor B Circuit High Input  
P0389 Crankshaft Position Sensor B CKT Intermittent  
P0390 Camshaft Position Sensor B - Bank 2 Circuit Malfunction  
P0391 Camshaft Position Sensor B - Bank 2 CKT Range/Perf  
P0392 Camshaft Position Sensor B - Bank 2 Circuit Low Input  
P0393 Camshaft Position Sensor B - Bank 2 Circuit High Input  
P0394 Camshaft Position Sensor B - Bank 2 CKT Intermittent  
P0400 EGR Flow Malfunction  
P0401 EGR Flow Insufficient  
P0402 EGR Flow Excessive  
P0403 EGR Flow Circuit Malfunction  
P0404 EGR Flow CKT Range/Perf  
P0405 EGR Flow Sensor A Circuit Low Input  
P0406 EGR Flow Sensor A Circuit High Input  
P0407 EGR Flow Sensor B Circuit Low Input  
P0408 EGR Flow Sensor B Circuit High Input  
P0409 EGR Flow Sensor A Circuit  
P0410 Secondary Air Injection System Malfunction  
P0411 Secondary Air Injection System Incorrect Flow  
P0412 Secondary Air Injection System Valve A Malfunction  
P0413 Secondary Air Injection System Valve A CKT Open

P0414 Secondary Air Injection System Valve A CKT Short  
P0415 Secondary Air Injection System Valve B Malfunction  
P0416 Secondary Air Injection System Valve B CKT Open  
P0417 Secondary Air Injection System Valve B CKT Short  
P0418 Secondary Air Injection System Relay A Malfunction  
P0419 Secondary Air Injection System Relay B Malfunction  
P0420 Catalyst Efficiency Below Threshold (Bank 1)  
P0421 Warm Up Catalyst Below Threshold (Bank 1)  
P0422 Main Catalyst Below Threshold (Bank 1)  
P0423 Heated Catalyst Below Threshold (Bank 1)  
P0424 Htd Catalyst Temp Below Threshold (Bank 1)  
P0425 Catalyst Temp. Sensor (Bank 1 Sensor 1)  
P0426 Catalyst Temp. Sensor Performance (Bank 1 Sensor 1)  
P0427 Catalyst Temp. Sensor Circuit Low (Bank 1 Sensor 1)  
P0428 Catalyst Temp. Sensor Circuit High (Bank 1 Sensor 1)  
P0429 Catalyst Heater Control (Bank 1)  
P0430 Catalyst Efficiency Below Threshold (Bank 2)  
P0431 Warm Up Catalyst Below Threshold (Bank 2)  
P0432 Main Catalyst Below Threshold (Bank 2)  
P0433 Heated Catalyst Below Threshold (Bank 2)  
P0434 Htd Catalyst Temp Below Threshold (Bank 2)  
P0435 Catalyst Temp. Sensor (Bank 2)  
P0436 Catalyst Temp. Sensor Performance (Bank 2)  
P0437 Catalyst Temp. Sensor Circuit Low (Bank 2)  
P0438 Catalyst Temp. Sensor Circuit High (Bank 2)  
P0439 Catalyst Heater Control (Bank 2)  
P0440 EVAP Emission Control System Malfunction  
P0441 EVAP Emission Control System Purge Flow Fault  
P0442 EVAP Emission Control System Leak (Small)  
P0443 EVAP Emission Control System Purge Valve C Fault  
P0444 EVAP Emission Control System Purge Valve C Open  
P0445 EVAP Emission Control System Purge Valve C Short  
P0446 EVAP Emission Control System Vent Circuit Malf  
P0447 EVAP Emission Control System Vent Circuit Open  
P0448 EVAP Emission Control System Vent Circuit Short  
P0449 EVAP Emission Control System Vent Vlv/Sol Malf  
P0450 EVAP Emission Control System Pres Sensor Fault

## **P0451 - P0524**

P0451 EVAP Emission Control System Pres Sensor Range  
P0452 EVAP Emission Control System Pres Sensor Low  
P0453 EVAP Emission Control System Pres Sensor High  
P0454 EVAP Emission Control System Pres Sensor Erratic  
P0455 EVAP Emission Control System Leak (Large)  
P0456 EVAP Emission Control System Leak Very Small  
P0457 EVAP Emission Control System Leak Cap Loose/Off  
P0458 EVAP System Canister Purge Sol Circuit Low  
P0459 EVAP System Canister Purge Sol Circuit High  
P0460 Fuel Level Sensor A Circuit Malfunction  
P0461 Fuel Level Sensor A CKT Range/Perf  
P0462 Fuel Level Sensor A Circuit Low Input  
P0463 Fuel Level Sensor A Circuit High Input  
P0464 Fuel Level Sensor A CKT Intermittent  
P0465 EVAP Emission Purge Flow Sensor Circuit Malfunction  
P0466 EVAP Emission Purge Flow Sensor CKT Range/Perf  
P0467 EVAP Emission Purge Flow Sensor Circuit Low Input  
P0468 EVAP Emission Purge Flow Sensor Circuit High Input  
P0469 EVAP Emission Purge Flow Sensor CKT Intermittent  
P0470 Exhaust Pressure Sensor Circuit Malfunction  
P0471 Exhaust Pressure Sensor CKT Range/Perf  
P0472 Exhaust Pressure Sensor Circuit Low Input  
P0473 Exhaust Pressure Sensor Circuit High Input  
P0474 Exhaust Pressure Sensor CKT Intermittent  
P0475 Exhaust Pressure Control Valve Circuit Malfunction  
P0476 Exhaust Pressure Control Valve CKT Range/Perf  
P0477 Exhaust Pressure Control Valve Circuit Low Input  
P0478 Exhaust Pressure Control Valve Circuit High Input  
P0479 Exhaust Pressure Control Valve CKT Intermittent  
P0480 Cooling Fan 1 Control Circuit  
P0481 Cooling Fan 2 Control Circuit  
P0482 Cooling Fan 3 Control Circuit  
P0483 Control Fan Rationality Check Malfunction  
P0484 Control Fan CKT Over Current  
P0485 Control Fan Power/Ground Circuit Malfunction  
P0486 EGR System Sensor B Circuit  
P0487 EGR TPS Control Circuit

P0488 EGR TPS Control CKT Range/Perf  
P0489 EGR Control Circuit Low  
P0490 EGR Control Circuit High  
P0491 Secondary Air System (Bank 1)  
P0492 Secondary Air System (Bank 2)  
P0493 Fan Speed Overspeed  
P0494 Fan Speed Low  
P0495 Fan Speed High  
P0496 EVAP Emission High Purge Flow Fault  
P0497 EVAP Emission Low Purge Flow Fault  
P0498 EVAP Emission Vent Vlv/Sol Malf Circuit Low  
P0499 EVAP Emission Vent Vlv/Sol Malf Circuit High  
P0500 Veh Speed Sensor A Malfunction  
P0501 Veh Speed Sensor A Range/Performance  
P0502 Veh Speed Sensor A Circuit Low Input  
P0503 Veh Speed Sensor A Erratic/High  
P0504 Brake Switch A Brake Switch B Correlation  
P0505 Idle Control System Malfunction  
P0506 Idle Control System RPM Low  
P0507 Idle Control System RPM High  
P0508 Idle Control System Circuit Low  
P0509 Idle Control System Circuit High  
P0510 Closed Throttle Position Switch  
P0511 Idle Air Control Circuit  
P0512 Starter Signal Circuit  
P0513 Immobilizer Incorrect  
P0514 Battery Temperature Sensor CKT Range/Perf  
P0515 Battery Temperature Sensor Circuit  
P0516 Battery Temperature Circuit Low  
P0517 Battery Temperature Circuit High  
P0518 Idle Air Control CKT Intermittent  
P0519 Idle Air Control System Performance  
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  
P0524 Engine Oil Pressure Too Low

## **P0525 - P0598**

P0525 Cruise Servo CKT Range/Perf  
P0526 Fan Speed Sensor Circuit  
P0527 Fan Speed Sensor CKT Range/Perf  
P0528 Fan Speed Sensor Circuit No Signal  
P0529 Fan Speed Sensor CKT Intermittent  
P0530 A/C Refrigerant Pressure Sensor A Circuit Malfunction  
P0531 A/C Refrigerant Pressure Sensor A CKT Range/Perf  
P0532 A/C Refrigerant Pressure Sensor A Circuit Low Input  
P0533 A/C Refrigerant Pressure Sensor A Circuit High Input  
P0534 A/C Refrigerant Charge Loss  
P0535 A/C Evaporator Temperature Sensor Circuit  
P0536 A/C Evaporator Temperature Sensor CKT Range/Perf  
P0537 A/C Evaporator Temperature Sensor Circuit Low  
P0538 A/C Evaporator Temperature Sensor Circuit High  
P0539 A/C Evaporator Temperature Sensor CKT Intermittent  
P0540 Intake Air Heater A Circuit  
P0541 Intake Air Heater A Circuit Low  
P0542 Intake Air Heater A Circuit High  
P0543 Intake Air Heater A Circuit Open  
P0544 Exhaust Gas Temp. Sensor Circuit (Bank 1 Sensor 1)  
P0545 Exhaust Gas Temp. Sensor Circuit Low (Bank 1 Sensor 1)  
P0546 Exhaust Gas Temp. Sensor Circuit High (Bank 1 Sensor 1)  
P0547 Exhaust Gas Temp. Sensor Circuit (Bank 2 Sensor 1)  
P0548 Exhaust Gas Temp. Sensor Circuit Low (Bank 2 Sensor 1)  
P0549 Exhaust Gas Temp. Sensor Circuit High (Bank 2 Sensor 1)  
P0550 Power Steering Pres Sensor Circuit Malfunction  
P0551 Power Steering Pres Sensor CKT Range/Perf  
P0552 Power Steering Pres Sensor Circuit Low Input  
P0553 Power Steering Pres Sensor Circuit High Input  
P0554 Power Steering Pres Sensor CKT Intermittent  
P0555 Brake Booster Pressure Sensor Circuit  
P0556 Brake Booster Pressure Sensor CKT Range/Perf  
P0557 Brake Booster Pressure Sensor Circuit Low Input  
P0558 Brake Booster Pressure Sensor Circuit High Input  
P0559 Brake Booster Pressure Sensor CKT Intermittent  
P0560 System Voltage Malfunction  
P0561 System Voltage Unstable

P0562 System Voltage Low  
P0563 System Voltage High  
P0564 Cruise Control Multi-Func. Input A Signal Error  
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 Acceleration Signal Error  
P0571 Brake Switch A Circuit Malfunction  
P0572 Brake Switch A Circuit Low Input  
P0573 Brake Switch A Circuit High Input  
P0574 Cruise Control Vehicle Speed Too High  
P0575 Cruise Control Circuit Malfunction  
P0576 Cruise Control Circuit Low Input  
P0577 Cruise Control Circuit High Input  
P0578 Cruise Control Multi-Func. Input A Circuit Stuck  
P0579 Cruise Control Multi-Func. Input A CKT Range/Perf  
P0580 Cruise Control Multi-Func. Input A Circuit Low  
P0581 Cruise Control Multi-Func. Input A Circuit High  
P0582 Cruise Control Vacuum Control Circuit/Open  
P0583 Cruise Control Vacuum Control Circuit Low  
P0584 Cruise Control Vacuum Control Circuit High  
P0585 Cruise Control Multi-Func. Input Correlation  
P0586 Cruise Control Vent Control Circuit/Open  
P0587 Cruise Control Vent Control Circuit Low  
P0588 Cruise Control Vent Control Circuit High  
P0589 Cruise Control Multi-Func. Input B Circuit  
P0590 Cruise Control Multi-Func. Input B Circuit Stuck  
P0591 Cruise Control Multi-Func. Input B CKT Range/Perf  
P0592 Cruise Control Multi-Func. Input B Circuit Low  
P0593 Cruise Control Multi-Func. Input B Circuit High  
P0594 Cruise Control Servo Control Circuit/Open  
P0595 Cruise Control Servo Control Circuit Low  
P0596 Cruise Control Servo Control Circuit High  
P0597 Cruise Control Control Circuit/Open  
P0598 Cruise Control Control Circuit Low

## **P0599 - P0672**

P0599	Cruise Control Control Circuit High
P0600	Serial Comm Link Malfunction
P0601	Int Control Module Memory Check Sum Error
P0602	Control Module Programming Error
P0603	PCM Keep Alive Memory (KAM) Error
P0604	PCM Random Access Mem (RAM) Error
P0605	PCM Read Only Memory (ROM) Error
P0606	PCM Processor Fault
P0607	Control Module Performance
P0608	Control Module VSS Output A Malfunction
P0609	Control Module VSS Output B Malfunction
P0610	Control Module Vehicle Options Malfunction
P0611	Injector Control Module Performance
P0612	Injector Control Module Relay Control
P0613	TCM Processor Fault
P0614	ECM/TCM Incompatible
P0615	Starter Relay Circuit
P0616	Starter Relay Circuit Low
P0617	Starter Relay Circuit High
P0618	Alternative Fuel Module (KAM) Error
P0619	Alternative Fuel Module Memory
P0620	Generator Control Malfunction
P0621	Generator L-Term. Lamp Control
P0622	Generator F-Term. Field F Control
P0623	Generator Lamp Control Circuit
P0624	Fuel Cap Lamp Circuit
P0625	Generator F-Term. Circuit Low
P0626	Generator F-Term. Circuit High
P0627	Fuel Pump A Control Circuit Open
P0628	Fuel Pump A Control Circuit Low
P0629	Fuel Pump A Control Circuit High
P0630	PCM VIN Not Program. Or Mismatch
P0631	TCM VIN Not Program. Or Mismatch
P0632	Odometer Code Not Programmed ECM/PCM
P0633	Immobilizer Code Not Programmed ECM/PCM
P0634	PCM/ECM/TCM Internal Temp. Too High
P0635	Power Steering Control Circuit

P0636 Power Steering Control Circuit Low  
P0637 Power Steering Control Circuit High  
P0638 Throttle Actuator Range/Performance (Bank 1)  
P0639 Throttle Actuator Range/Performance (Bank 2)  
P0640 Intake Air Heater Control Circuit  
P0641 Sensor A Reference Voltage Circuit/Open  
P0642 Sensor A Reference Voltage Circuit Low  
P0643 Sensor A Reference Voltage Circuit High  
P0644 Driver Display Serial Comm Link  
P0645 A/C Clutch Relay Control Circuit  
P0646 A/C Clutch Relay Control Circuit Low  
P0647 A/C Clutch Relay Control Circuit High  
P0648 Immobilizer Lamp Circuit  
P0649 Cruise Control Lamp Circuit  
P0650 MIL Control Circuit Malfunction  
P0651 Sensor B Reference Voltage Circuit/Open  
P0652 Sensor B Reference Voltage Circuit Low  
P0653 Sensor B Reference Voltage Circuit High  
P0654 Engine RPM Circuit Malfunction  
P0655 Engine Hot Lamp Output Circuit Malfunction  
P0656 Fuel Level Output Circuit Malfunction  
P0657 Actuator Supply Voltage A Circuit/Open  
P0658 Actuator Supply Voltage A Circuit Low  
P0659 Actuator Supply Voltage A Circuit High  
P0660 Intake Man Tuning Control CKT Open (Bank 1)  
P0661 Intake Man Tuning Control CKT Low (Bank 1)  
P0662 Intake Man Tuning Control CKT High (Bank 1)  
P0663 Intake Man Tuning Control CKT Open (Bank 2)  
P0664 Intake Man Tuning Control CKT Low (Bank 2)  
P0665 Intake Man Tuning Control CKT High (Bank 2)  
P0666 PCM/ECM/TCM Internal Temp. Sensor Circuit  
P0667 PCM/ECM/TCM Internal Temp. Sensor Range/Perf.  
P0668 PCM/ECM/TCM Internal Temp. Sensor Circuit Low  
P0669 PCM/ECM/TCM Internal Temp. Sensor Circuit High  
P0670 Glow Plug/Heater Module Control  
P0671 Glow Plug/Heater Cylinder 1  
P0672 Glow Plug/Heater Cylinder 2

## **P0673 - P0746**

P0673 Glow Plug/Heater Cylinder 3  
P0674 Glow Plug/Heater Cylinder 4  
P0675 Glow Plug/Heater Cylinder 5  
P0676 Glow Plug/Heater Cylinder 6  
P0677 Glow Plug/Heater Cylinder 7  
P0678 Glow Plug/Heater Cylinder 8  
P0679 Glow Plug/Heater Cylinder 9  
P0680 Glow Plug/Heater Cylinder 10  
P0681 Glow Plug/Heater Cylinder 11  
P0682 Glow Plug/Heater Cylinder 12  
P0683 Glow Plug/Heater Module Comm Problem  
P0684 Glow Plug/Heater Comm Problem CKT Range/Perf  
P0685 ECM/PCM Power Relay Control Circuit/Open  
P0686 ECM/PCM Power Relay Control Circuit Low  
P0687 ECM/PCM Power Relay Control Circuit High  
P0688 ECM/PCM Power Relay Sense Circuit  
P0689 ECM/PCM Power Relay Sense Circuit Low  
P0690 ECM/PCM Power Relay Sense Circuit High  
P0691 Fan 1 Control Circuit Low  
P0692 Fan 1 Control Circuit High  
P0693 Fan 2 Control Circuit Low  
P0694 Fan 2 Control Circuit High  
P0695 Fan 3 Control Circuit Low  
P0696 Fan 3 Control Circuit High  
P0697 Sensor C Reference Voltage Circuit/Open  
P0698 Sensor C Reference Voltage Circuit Low  
P0699 Sensor C Reference Voltage Circuit High  
P0700 Trans Control Sys Malfunction  
P0701 Trans Control Sys Range/Performance  
P0702 Trans Control Sys Electrical  
P0703 Brake Switch B Circuit Malfunction  
P0704 Clutch Switch Input Circuit Malfunction  
P0705 Trans Range Sensor Circuit Malfunction (PRNDL Input)  
P0706 Trans Range Sensor CKT Range/Perf  
P0707 Trans Range Sensor Circuit Low Input  
P0708 Trans Range Sensor Circuit High Input  
P0709 Trans Range Sensor CKT Intermittent

P0710 Transmission Fluid Temperature Sensor Circuit Malfunction  
P0711 Trans Fluid Temp Sensor A CKT Range/Perf  
P0712 Trans Fluid Temp Sensor A Circuit Low Input  
P0713 Trans Fluid Temp Sensor A Circuit High Input  
P0714 Trans Fluid Temp Sensor A CKT Intermittent  
P0715 Input/Turbine Speed Sensor A Circuit Malfunction  
P0716 Input/Turbine Speed Sensor A CKT Range/Perf  
P0717 Input/Turbine Speed Sensor A Circuit No Signal  
P0718 Input/Turbine Speed Sensor A CKT Intermittent  
P0719 Brake Switch B Circuit Low Input  
P0720 Output Speed Sensor Circuit Malfunction  
P0721 Output Speed Sensor Circuit Range/Perf  
P0722 Output Speed Sensor Circuit No Signal  
P0723 Output Speed Sensor CKT Intermittent  
P0724 Brake Switch B Circuit High Input  
P0725 Engine Speed Sensor Circuit Malfunction  
P0726 Engine Speed Sensor CKT Range/Perf  
P0727 Engine Speed Sensor Circuit No Signal  
P0728 Engine Speed Sensor CKT Intermittent  
P0729 Gear 6 Ratio Incorrect  
P0730 Gear Ratio Incorrect  
P0731 Gear 1 Ratio Incorrect  
P0732 Gear 2 Ratio Incorrect  
P0733 Gear 3 Ratio Incorrect  
P0734 Gear 4 Ratio Incorrect  
P0735 Gear 5 Ratio Incorrect  
P0736 Reverse Ratio Incorrect  
P0737 TCM Engine Speed Output Circuit  
P0738 TCM Engine Speed Output Circuit Low  
P0739 TCM Engine Speed Output Circuit High  
P0740 TCC Circuit Malfunction  
P0741 Torque Converter CKT Performance Or Stuck Off  
P0742 Torque Converter Circuit Stuck On  
P0743 Torque Converter Circuit Electrical  
P0744 Torque Converter CKT Intermittent  
P0745 Pres Ctrl Sol. A Circuit Malfunction  
P0746 Pres Ctrl Sol. A CKT Performance Or Stuck Off

**P0747 - P0820**

P0747 Pres Ctrl Sol. A Circuit Stuck On  
P0748 Pres Ctrl Sol. A Circuit Electrical  
P0749 Pres Ctrl Sol. A CKT Intermittent  
P0750 Shift Solenoid A Malfunction  
P0751 Shift Solenoid A CKT Performance Or Stuck Off  
P0752 Shift Solenoid A Circuit Stuck On  
P0753 Shift Solenoid A Circuit Electrical  
P0754 Shift Solenoid A CKT Intermittent  
P0755 Shift Solenoid B Malfunction  
P0756 Shift Solenoid B CKT Performance Or Stuck Off  
P0757 Shift Solenoid B Circuit Stuck On  
P0758 Shift Solenoid B Circuit Electrical  
P0759 Shift Solenoid B CKT Intermittent  
P0760 Shift Solenoid C Malfunction  
P0761 Shift Solenoid C CKT Performance Or Stuck Off  
P0762 Shift Solenoid C Circuit Stuck On  
P0763 Shift Solenoid C Circuit Electrical  
P0764 Shift Solenoid C CKT Intermittent  
P0765 Shift Solenoid D Malfunction  
P0766 Shift Solenoid D CKT Performance Or Stuck Off  
P0767 Shift Solenoid D Circuit Stuck On  
P0768 Shift Solenoid D Circuit Electrical  
P0769 Shift Solenoid D CKT Intermittent  
P0770 Shift Solenoid E Malfunction  
P0771 Shift Solenoid E CKT Performance Or Stuck Off  
P0772 Shift Solenoid E Circuit Stuck On  
P0773 Shift Solenoid E Circuit Electrical  
P0774 Shift Solenoid E CKT Intermittent  
P0775 Pres Ctrl Sol. B Circuit Malfunction  
P0776 Pres Ctrl Sol. B CKT Performance Or Stuck Off  
P0777 Pres Ctrl Sol. B Circuit Stuck On  
P0778 Pres Ctrl Sol. B Circuit Electrical  
P0779 Pres Ctrl Sol. B CKT 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 Ckt  
P0790 Normal/Performance Switch Circuit Malfunction  
P0791 Intermediate Shaft Speed Sensor A Circuit  
P0792 Intermediate Shaft Speed Sensor A Circuit Range/Perf  
P0793 Intermediate Shaft Speed Sensor A Circuit No Signal  
P0794 Intermediate Shaft Speed Sensor A CKT Intermittent  
P0795 Pres Ctrl Sol. C Malfunction  
P0796 Pres Ctrl Sol. C CKT Performance Or Stuck Off  
P0797 Pres Ctrl Sol. C Circuit Stuck On  
P0798 Pres Ctrl Sol. C Circuit Electrical  
P0799 Pres Ctrl Sol. C CKT Intermittent  
P0800 Transfer Case Control System MIL Request  
P0801 Reverse Inhibit Control Circuit Malfunction  
P0802 Trans Control Sys MIL Request Circuit/Open  
P0803 1-4 Upshift Solenoid Circuit Malfunction  
P0804 1-4 Upshift Lamp Circuit Malfunction  
P0805 Clutch Position Sensor Circuit Malfunction  
P0806 Clutch Position Sensor Circuit Range/Performance  
P0807 Clutch Position Sensor Circuit Low  
P0808 Clutch Position Sensor Circuit High  
P0809 Clutch Position Sensor Circuit Intermittent Ckt  
P0810 Clutch Position Control Malfunction  
P0811 Clutch Slippage Excessive  
P0812 Reverse Input Circuit Malfunction  
P0813 Reverse Output Circuit Malfunction  
P0814 Trans Range Display Circuit Malfunction  
P0815 Upshift Switch Circuit Malfunction  
P0816 Downshift Switch Circuit Malfunction  
P0817 Starter Disable Circuit  
P0818 Driveline Disconn. Switch Input  
P0819 Up/Down Shift SW Transmission Range Correlation  
P0820 Gear Lever X-Y Sensor Circuit

**P0821 - P0894**

P0821 Gear Lever X Sensor Circuit  
P0822 Gear Lever Y Sensor Circuit  
P0823 Gear Lever X Sensor Circuit Intermittent Ckt  
P0824 Gear Lever Y Sensor Circuit Intermittent Ckt  
P0825 Gear Lever Push/Pull Switch (Shift Anticipate)  
P0826 Upshift Switch Downshift Switch Circuit  
P0827 Upshift Switch Downshift Switch Circuit Low  
P0828 Upshift Switch Downshift Switch Circuit High  
P0829 5-6 Shift  
P0830 Clutch Position Switch A Circuit Malfunction  
P0831 Clutch Position Switch A Circuit Low  
P0832 Clutch Position Switch A Circuit High  
P0833 Clutch Position Switch B Circuit Malfunction  
P0834 Clutch Position Switch B Circuit Low  
P0835 Clutch Position Switch B Circuit High  
P0836 4 Wheel Drive Switch Circuit Malfunction  
P0837 4 Wheel Drive Switch CKT Range/Perf  
P0838 4 Wheel Drive Switch Circuit Low  
P0839 4 Wheel Drive Switch Circuit High  
P0840 Trans Fluid Press Sensor/Switch A Circuit Malfunction  
P0841 Trans Fluid Press Sensor/Switch A CKT Range/Perf  
P0842 Trans Fluid Press Sensor/Switch A Circuit Low  
P0843 Trans Fluid Press Sensor/Switch A Circuit High  
P0844 Trans Fluid Press Sensor/Switch A CKT Intermittent  
P0845 Trans Fluid Press Sensor/Switch B Circuit Malfunction  
P0846 Trans Fluid Press Sensor/Switch B CKT Range/Perf  
P0847 Trans Fluid Press Sensor/Switch B Circuit Low  
P0848 Trans Fluid Press Sensor/Switch B Circuit High  
P0849 Trans Fluid Press Sensor/Switch B CKT Intermittent  
P0850 Park/Neutral Switch Input Circuit  
P0851 Park/Neutral Switch Circuit Low Input  
P0852 Park/Neutral Switch Circuit High Input  
P0853 Drive Switch Input Circuit  
P0854 Drive Switch Circuit Low Input  
P0855 Drive Switch Circuit High Input  
P0856 Traction Control Input Signal  
P0857 Traction Control Input Signal Range/Performance

P0858 Traction Control Input Signal Low  
P0859 Traction Control Input Signal High  
P0860 Gear Shift Module Communications Circuit  
P0861 Gear Shift Module Communications Circuit Low  
P0862 Gear Shift Module Communications Circuit High  
P0863 TCM Communications Circuit  
P0864 TCM Communications CKT Range/Perf  
P0865 TCM Communications Circuit Low  
P0866 TCM Communications Circuit High  
P0867 Trans Fluid Press  
P0868 Trans Fluid Press Low  
P0869 Trans Fluid Press High  
P0870 Trans Fluid Press Sensor/Switch C Circuit  
P0871 Trans Fluid Press Sensor/Switch C CKT Range/Perf  
P0872 Trans Fluid Press Sensor/Switch C Circuit Low  
P0873 Trans Fluid Press Sensor/Switch C Circuit High  
P0874 Trans Fluid Press Sensor/Switch C CKT Intermittent  
P0875 Trans Fluid Press Sensor/Switch D Circuit  
P0876 Trans Fluid Press Sensor/Switch D CKT Range/Perf  
P0877 Trans Fluid Press Sensor/Switch D Circuit Low  
P0878 Trans Fluid Press Sensor/Switch D Circuit High  
P0879 Trans Fluid Press Sensor/Switch D CKT Intermittent  
P0880 TCM Power Input Signal  
P0881 TCM Power Input Signal Range/Performance  
P0882 TCM Power Input Signal Low  
P0883 TCM Power Input Signal High  
P0884 TCM Power Input Signal CKT Intermittent  
P0885 TCM Power Relay Control Circuit/Open  
P0886 TCM Power Relay Control Circuit Low  
P0887 TCM Power Relay Control Circuit High  
P0888 TCM Power Relay Sense Circuit  
P0889 TCM Power Relay Sense CKT Range/Perf  
P0890 TCM Power Relay Sense Circuit Low  
P0891 TCM Power Relay Sense Circuit High  
P0892 TCM Power Relay Sense CKT Intermittent  
P0893 Multiple Gears Engaged  
P0894 Transmission Comp. Slipping

**P0895 - P0968**

P0895 Shift Time Too Short  
P0896 Shift Time Too Long  
P0897 Transmission Fluid Deteriorated  
P0898 Transmission Ctrl. MIL Request Circuit Low  
P0899 Transmission Ctrl. MIL Request Circuit High  
P0900 Clutch Actuator Circuit/Open  
P0901 Clutch Actuator CKT Range/Perf  
P0902 Clutch Actuator Circuit Low  
P0903 Clutch Actuator Circuit High  
P0904 Gate Select Position Circuit  
P0905 Gate Select Position CKT Range/Perf  
P0906 Gate Select Position Circuit Low  
P0907 Gate Select Position Circuit High  
P0908 Gate Select Position CKT Intermittent  
P0909 Gate Select Control Error  
P0910 Gate Select Actuator Circuit/Open  
P0911 Gate Select Actuator CKT Range/Perf  
P0912 Gate Select Actuator Circuit Low  
P0913 Gate Select Actuator Circuit High  
P0914 Gear Shift Position Circuit  
P0915 Gear Shift Position CKT Range/Perf  
P0916 Gear Shift Position Circuit Low  
P0917 Gear Shift Position Circuit High  
P0918 Gear Shift Position CKT Intermittent  
P0919 Gear Shift Position Control Error  
P0920 Gear Shift Forward Actuator Circuit/Open  
P0921 Gear Shift Forward Actuator CKT Range/Perf  
P0922 Gear Shift Forward Actuator Circuit Low  
P0923 Gear Shift Forward Actuator Circuit High  
P0924 Gear Shift Reverse Actuator Circuit/Open  
P0925 Gear Shift Reverse Actuator CKT Range/Perf  
P0926 Gear Shift Reverse Actuator Circuit Low  
P0927 Gear Shift Reverse Actuator Circuit High  
P0928 Gear Shift Lock Solenoid Ctrl Circuit/Open  
P0929 Gear Shift Lock Solenoid Ctrl CKT Range/Perf  
P0930 Gear Shift Lock Solenoid Ctrl Circuit Low  
P0931 Gear Shift Lock Solenoid Ctrl Circuit High

P0932 Hydraulic Pressure Sensor Circuit  
P0933 Hydraulic Pressure Sensor CKT Range/Perf  
P0934 Hydraulic Pressure Sensor Circuit Low  
P0935 Hydraulic Pressure Sensor Circuit High  
P0936 Hydraulic Pressure Sensor CKT Intermittent  
P0937 Hydraulic Oil Temp Sensor Circuit  
P0938 Hydraulic Oil Temp Sensor CKT Range/Perf  
P0939 Hydraulic Oil Temp Sensor Circuit Low  
P0940 Hydraulic Oil Temp Sensor Circuit High  
P0941 Hydraulic Oil Temp Sensor CKT Intermittent  
P0942 Hyd. Pressure Unit  
P0943 Hyd. Pressure Unit Unit Cycling Too Short  
P0944 Hyd. Pressure Unit Loss of Pressure  
P0945 Hyd. Pump Relay Circuit Open  
P0946 Hyd. Pump Relay CKT Range/Perf  
P0947 Hyd. Pump Relay Circuit Low  
P0948 Hyd. Pump Relay Circuit High  
P0949 Auto Shift Adaptive Learning Not Complete  
P0950 Auto Shift Manual Control Circuit  
P0951 Auto Shift Manual Control CKT Range/Perf  
P0952 Auto Shift Manual Control Circuit Low  
P0953 Auto Shift Manual Control Circuit High  
P0954 Auto Shift Manual Control CKT Intermittent  
P0955 Auto Shift Manual Mode Circuit  
P0956 Auto Shift Manual Mode CKT Range/Perf  
P0957 Auto Shift Manual Mode Circuit Low  
P0958 Auto Shift Manual Mode Circuit High  
P0959 Auto Shift Manual Mode CKT Intermittent  
P0960 Pressure Control Solenoid A Control Circuit/Open  
P0961 Pressure Control Solenoid A Control CKT Range/Perf  
P0962 Pressure Control Solenoid A Control Circuit Low  
P0963 Pressure Control Solenoid A Control Circuit High  
P0964 Pressure Control Solenoid B Control Circuit/Open  
P0965 Pressure Control Solenoid B Control CKT Range/Perf  
P0966 Pressure Control Solenoid B Control Circuit Low  
P0967 Pressure Control Solenoid B Control Circuit High  
P0968 Pressure Control Solenoid C Control Circuit/Open

**P0969 - P0998**

P0969 Pressure Control Solenoid C Control CKT Range/Perf  
P0970 Pressure Control Solenoid C Control Circuit Low  
P0971 Pressure Control Solenoid C Control Circuit High  
P0972 Shift Solenoid A Control CKT Range/Perf  
P0973 Shift Solenoid A Control Circuit Low  
P0974 Shift Solenoid A Control Circuit High  
P0975 Shift Solenoid B Control CKT Range/Perf  
P0976 Shift Solenoid B Control Circuit Low  
P0977 Shift Solenoid B Control Circuit High  
P0978 Shift Solenoid C Control CKT Range/Perf  
P0979 Shift Solenoid C Control Circuit Low  
P0980 Shift Solenoid C Control Circuit High  
P0981 Shift Solenoid D Control CKT Range/Perf  
P0982 Shift Solenoid D Control Circuit Low  
P0983 Shift Solenoid D Control Circuit High  
P0984 Shift Solenoid E Control CKT Range/Perf  
P0985 Shift Solenoid E Control Circuit Low  
P0986 Shift Solenoid E Control Circuit High  
P0987 Trans Fluid Press Sensor/Switch E Circuit  
P0988 Trans Fluid Press Sensor/Switch E CKT Range/Perf  
P0989 Trans Fluid Press Sensor/Switch E Circuit Low  
P0990 Trans Fluid Press Sensor/Switch E Circuit High  
P0991 Trans Fluid Press Sensor/Switch E CKT Intermittent  
P0992 Trans Fluid Press Sensor/Switch F Circuit  
P0993 Trans Fluid Press Sensor/Switch F CKT Range/Perf  
P0994 Trans Fluid Press Sensor/Switch F Circuit Low  
P0995 Trans Fluid Press Sensor/Switch F Circuit High  
P0996 Trans Fluid Press Sensor/Switch F CKT Intermittent  
P0997 Shift Solenoid F Control CKT Range/Perf  
P0998 Shift Solenoid F Control Circuit Low