

OBDII Powertrain (P) Codes

POXXX --- GENERIC TROUBLE CODE

P0XXX --- GENERIC TROUBLE CODE

P00XX Fuel and Air Metering and Auxiliary Emission Controls

P01XX Fuel and Air Metering

P02XX Fuel and Air Metering

P03XX Ignition System or Misfire

P04XX Auxiliary Emission Controls

P05XX Vehicle Speed, Idle Control, and Auxiliary Inputs

P06XX Computer and Auxiliary Inputs

P07XX Transmission

P08XX Transmission

P09XX Transmission

P1XXX --- MANUFACTURER CONTROLLED

P10XX Fuel and Air Metering and Auxiliary Emission Controls

P11XX Fuel and Air Metering

P12XX Fuel and Air Metering

P13XX Ignition System or Misfire

P14XX Auxiliary Emission Controls

P15XX Vehicle Speed, Idle Control, and Auxiliary Inputs

P16XX Computer and Auxiliary Inputs

P17XX Transmission

P18XX Transmission

P19XX Transmission

P2XXX --- SAE CONTROLLED DTC's

P20XX Fuel and Air Metering and Auxiliary Emission Controls

P21XX Fuel and Air Metering and Auxiliary Emission Controls

P22XX Fuel and Air Metering and Auxiliary Emission Controls

P23XX Ignition System or Misfire

P24XX SAE Reserved

P25XX SAE Reserved

P26XX SAE Reserved

P27XX SAE Reserved

P28XX SAE Reserved

P29XX SAE Reserved

P3XXX --- MANUFACTURER CONTROLLED AND SAE RESERVED

P30XX Fuel and Air Metering and Auxiliary Emission Controls

P31XX Fuel and Air Metering and Auxiliary Emission Controls

P32XX Fuel and Air Metering and Auxiliary Emission Controls

P33XX Ignition System or Misfire

P34XX SAE Reserved

P35XX SAE Reserved

P36XX SAE Reserved

P37XX SAE Reserved

P38XX SAE Reserved

P39XX SAE Reserved

OBDII Powertrain (P) Codes

Generic Trouble Codes

P0001-P0099 – Fuel and Air Metering and Auxiliary Emission Controls

Code Description

P0001 Fuel Volume Regulator Control Circuit/Open
P0002 Fuel Volume Regulator Control Circuit Range/Performance
P0003 Fuel Volume Regulator Control Circuit Low
P0004 Fuel Volume Regulator Control Circuit High
P0005 Fuel Shutoff Valve Control Circuit/Open
P0006 Fuel Shutoff Valve Control Circuit Low
P0007 Fuel Shutoff Valve Control Circuit High
P0008 Engine Position System Performance (Bank 1)
P0009 Engine Position System Performance (Bank 2)
P0010 A Camshaft Position Actuator Circuit (Bank 1)
P0011 A Camshaft Position - Timing Over - Advanced or System Performance (Bank 1)
P0012 A Camshaft Position - Timing Over - Retarded (Bank 1)
P0013 B Camshaft Position - Actuator Circuit (Bank 1)
P0014 B Camshaft Position - Timing Over - Advanced or System Performance (Bank 1)
P0015 B Camshaft Position - Timing Over - Retarded (Bank 1)
P0016 Crankshaft Position - Camshaft Position Correlation (Bank 1 Sensor A)
P0017 Crankshaft Position - Camshaft Position Correlation (Bank 1 Sensor B)
P0018 Crankshaft Position - Camshaft Position Correlation (Bank 2 Sensor A)
P0019 Crankshaft Position - Camshaft Position Correlation (Bank 2 Sensor B)
P0020 A Camshaft Position Actuator Circuit (Bank 2)
P0021 A Camshaft Position - Timing Over - Advanced or System Performance (Bank 2)
P0022 A Camshaft Position - Timing Over-Retarded (Bank 2)
P0023 B Camshaft Position - Actuator Circuit (Bank 2)
P0024 B Camshaft Position - Timing Over - Advanced or System Performance (Bank 2)
P0025 B Camshaft Position - Timing Over - Retarded (Bank 2)
P0026 Intake Valve Control Solenoid Circuit Range/Performance (Bank 1)
P0027 Exhaust Valve Control Solenoid Circuit Range/Performance (Bank 1)
P0028 Intake Valve Control Solenoid Circuit Range/Performance (Bank 2)
P0029 Exhaust Valve Control Solenoid Circuit Range/Performance (Bank 2)
P0030 HO2S Heater Control Circuit (Bank 1 Sensor 1)
P0031 HO2S Heater Control Circuit Low (Bank 1 Sensor 1)
P0032 HO2S Heater Control Circuit High (Bank 1 Sensor 1)
P0033 Turbo Charger Bypass Valve Control Circuit
P0034 Turbo Charger Bypass Valve Control Circuit Low
P0035 Turbo Charger Bypass Valve Control Circuit High
P0036 HO2S Heater Control Circuit (Bank 1 Sensor 2)
P0037 HO2S Heater Control Circuit Low (Bank 1 Sensor 2)
P0038 HO2S Heater Control Circuit High (Bank 1 Sensor 2)
P0039 Turbo/Super Charger Bypass Valve Control Circuit Range/Performance
P0040 O2 Sensor Signals Swapped Bank 1 Sensor 1/ Bank 2 Sensor 1
P0041 O2 Sensor Signals Swapped Bank 1 Sensor 2/ Bank 2 Sensor 2
P0042 HO2S Heater Control Circuit (Bank 1 Sensor 3)
P0043 HO2S Heater Control Circuit Low (Bank 1 Sensor 3)
P0044 HO2S Heater Control Circuit High (Bank 1 Sensor 3)
P0045 Turbo/Super Charger Boost Control Solenoid Circuit/Open
P0046 Turbo/Super Charger Boost Control Solenoid Circuit Range/Performance
P0047 Turbo/Super Charger Boost Control Solenoid Circuit Low
P0048 Turbo/Super Charger Boost Control Solenoid Circuit High
P0049 Turbo/Super Charger Turbine Overspeed
P0050 HO2S Heater Control Circuit (Bank 2 Sensor 1)
P0051 HO2S Heater Control Circuit Low (Bank 2 Sensor 1)
P0052 HO2S Heater Control Circuit High (Bank 2 Sensor 1)
P0053 HO2S Heater Resistance (Bank 1 Sensor 1)
P0054 HO2S Heater Resistance (Bank 1 Sensor 2)
P0055 HO2S Heater Resistance (Bank 1 Sensor 3)
P0056 HO2S Heater Control Circuit (Bank 2 Sensor 2)
P0057 HO2S Heater Control Circuit Low (Bank 2 Sensor 2)
P0058 HO2S Heater Control Circuit High (Bank 2 Sensor 2)

OBDII Powertrain (P) Codes

P0059 HO2S Heater Resistance (Bank 2 Sensor 1)
P0060 HO2S Heater Resistance (Bank 2 Sensor 2)
P0061 HO2S Heater Resistance (Bank 2 Sensor 3)
P0062 HO2S Heater Control Circuit (Bank 2 Sensor 3)
P0063 HO2S Heater Control Circuit Low (Bank 2 Sensor 3)
P0064 HO2S Heater Control Circuit High (Bank 2 Sensor 3)
P0065 Air Assisted Injector Control Range/Performance
P0066 Air Assisted Injector Control Circuit or Circuit Low
P0067 Air Assisted Injector Control Circuit High
P0068 MAP/MAF - Throttle Position Correlation
P0069 Manifold Absolute Pressure - Barometric Pressure Correlation
P0070 Ambient Air Temperature Sensor Circuit
P0071 Ambient Air Temperature Sensor Range/Performance
P0072 Ambient Air Temperature Sensor Circuit Low
P0073 Ambient Air Temperature Sensor Circuit High
P0074 Ambient Air Temperature Sensor Circuit Intermittent
P0075 Intake Valve Control Solenoid Circuit (Bank 1)
P0076 Intake Valve Control Solenoid Circuit Low (Bank 1)
P0077 Intake Valve Control Solenoid Circuit High (Bank 1)
P0078 Exhaust Valve Control Solenoid Circuit (Bank 1)
P0079 Exhaust Valve Control Solenoid Circuit Low (Bank 1)
P0080 Exhaust Valve Control Solenoid Circuit High (Bank 1)
P0081 Intake Valve Control Solenoid Circuit (Bank 2)
P0082 Intake Valve Control Solenoid Circuit Low (Bank 2)
P0083 Intake Valve Control Solenoid Circuit High (Bank 2)
P0084 Exhaust Valve Control Solenoid Circuit (Bank 2)
P0085 Exhaust Valve Control Solenoid Circuit Low (Bank 2)
P0086 Exhaust Valve Control Solenoid Circuit High (Bank 2)
P0087 Fuel Rail/System Pressure - Too Low
P0088 Fuel Rail/System Pressure - Too High
P0089 Fuel Pressure Regulator 1 Performance
P0090 Fuel Pressure Regulator 1 Control Circuit
P0091 Fuel Pressure Regulator 1 Control Circuit Low
P0092 Fuel Pressure Regulator 1 Control Circuit High
P0093 Fuel System Leak Detected - Large Leak
P0094 Fuel System Leak Detected - Small Leak
P0095 Intake Air Temperature Sensor 2 Circuit
P0096 Intake Air Temperature Sensor 2 Circuit Range/Performance
P0097 Intake Air Temperature Sensor 2 Circuit Low
P0098 Intake Air Temperature Sensor 2 Circuit High
P0099 Intake Air Temperature Sensor 2 Circuit Intermittent/Erratic

P0100-P0199 – Fuel and Air Metering

Code Description

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

OBDII Powertrain (P) Codes

P0119 Engine Coolant Temperature Circuit Intermittent
P0120 Throttle Position Sensor/Switch A Circuit Malfunction
P0121 Throttle Position Sensor/Switch A Circuit Range/Performance Problem
P0122 Throttle Position Sensor/Switch A Circuit Low Input
P0123 Throttle Position Sensor/Switch A Circuit High Input
P0124 Throttle Position Sensor/Switch A Circuit Intermittent
P0125 Insufficient Coolant Temperature for Closed Loop Fuel Control
P0126 Insufficient Coolant Temperature for Stable Operation
P0127 Intake Air Temperature Too High
P0128 Coolant Thermostat (Coolant Temperature Below Thermostat Regulating Temperature)
P0129 Barometric Pressure Low
P0130 02 Sensor Circuit Malfunction (Bank 1 Sensor 1)
P0131 02 Sensor Circuit Low Voltage (Bank 1 Sensor 1)
P0132 02 Sensor Circuit High Voltage (Bank 1 Sensor 1)
P0133 02 Sensor Circuit Slow Response (Bank 1 Sensor 1)
P0134 02 Sensor Circuit No Activity Detected (Bank 1 Sensor 1)
P0135 02 Sensor Heater Circuit Malfunction (Bank 1 Sensor 1)
P0136 02 Sensor Circuit Malfunction (Bank 1 Sensor 2)
P0137 02 Sensor Circuit Low Voltage (Bank 1 Sensor 2)
P0138 02 Sensor Circuit High Voltage (Bank 1 Sensor 2)
P0139 02 Sensor Circuit Slow Response (Bank 1 Sensor 2)
P0140 02 Sensor Circuit No Activity Detected (Bank 1 Sensor 2)
P0141 02 Sensor Heater Circuit Malfunction (Bank 1 Sensor 2)
P0142 02 Sensor Circuit Malfunction (Bank 1 Sensor 3)
P0143 02 Sensor Circuit Low Voltage (Bank 1 Sensor 3)
P0144 02 Sensor Circuit High Voltage (Bank 1 Sensor 3)
P0145 02 Sensor Circuit Slow Response (Bank 1 Sensor 3)
P0146 02 Sensor Circuit No Activity Detected (Bank 1 Sensor 3)
P0147 02 Sensor Heater Circuit Malfunction (Bank 1 Sensor 3)
P0148 Fuel Delivery Error
P0149 Fuel Timing Error
P0150 02 Sensor Circuit Malfunction (Bank 2 Sensor 1)
P0151 02 Sensor Circuit Low Voltage (Bank 2 Sensor 1)
P0152 02 Sensor Circuit High Voltage (Bank 2 Sensor 1)
P0153 02 Sensor Circuit Slow Response (Bank 2 Sensor 1)
P0154 02 Sensor Circuit No Activity Detected (Bank 2 Sensor 1)
P0155 02 Sensor Heater Circuit Malfunction (Bank 2 Sensor 1)
P0156 02 Sensor Circuit Malfunction (Bank 2 Sensor 2)
P0157 02 Sensor Circuit Low Voltage (Bank 2 Sensor 2)
P0158 02 Sensor Circuit High Voltage (Bank 2 Sensor 2)
P0159 02 Sensor Circuit Slow Response (Bank 2 Sensor 2)
P0160 02 Sensor Circuit No Activity Detected (Bank 2 Sensor 2)
P0161 02 Sensor Heater Circuit Malfunction (Bank 2 Sensor 2)
P0162 02 Sensor Circuit Malfunction (Bank 2 Sensor 3)
P0163 02 Sensor Circuit Low Voltage (Bank 2 Sensor 3)
P0164 02 Sensor Circuit High Voltage (Bank 2 Sensor 3)
P0165 02 Sensor Circuit Slow Response (Bank 2 Sensor 3)
P0166 02 Sensor Circuit No Activity Detected (Bank 2 Sensor 3)
P0167 02 Sensor Heater Circuit Malfunction (Bank 2 Sensor 3)
P0168 Fuel Temperature Too High
P0169 Incorrect Fuel Composition
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

OBDII Powertrain (P) 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

P0200-P0299 – Fuel and Air Metering (Injector circuit)

Code Description

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 Coolant Over Temperature Condition
P0218 Transmission Fluid Over Temperature Condition
P0219 Engine Overspeed Condition
P0220 Throttle/Petal Position Sensor/Switch B Circuit Malfunction
P0221 Throttle/Petal Position Sensor/Switch B Circuit Range/Performance Problem
P0222 Throttle/Petal Position Sensor/Switch B Circuit Low Input
P0223 Throttle/Petal Position Sensor/Switch B Circuit High Input
P0224 Throttle/Petal Position Sensor/Switch B Circuit Intermittent
P0225 Throttle/Petal Position Sensor/Switch C Circuit Malfunction
P0226 Throttle/Petal Position Sensor/Switch C Circuit Range/Performance Problem
P0227 Throttle/Petal Position Sensor/Switch C Circuit Low Input
P0228 Throttle/Petal Position Sensor/Switch C Circuit High Input
P0229 Throttle/Petal 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 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

OBDII Powertrain (P) Codes

P0246 Turbocharger Wastegate Solenoid A High
P0247 Turbocharger Wastegate Solenoid B Malfunction
P0248 Turbocharger Wastegate Solenoid B Range/Performance
P0249 Turbocharger Wastegate Solenoid B Low
P0250 Turbocharger Wastegate Solenoid B High
P0251 Injection Pump Fuel Metering Control "A" Malfunction (Cam/Rotor/Injector)
P0252 Injection Pump Fuel Metering Control "A" Range/Performance (Cam/Rotor/Injector)
P0253 Injection Pump Fuel Metering Control "A" Low (Cam/Rotor/Injector)
P0254 Injection Pump Fuel Metering Control "A" High (Cam/Rotor/Injector)
P0255 Injection Pump Fuel Metering Control "A" Intermittent (Cam/Rotor/Injector)
P0256 Injection Pump Fuel Metering Control "B" Malfunction (Cam/Rotor/Injector)
P0257 Injection Pump Fuel Metering Control "B" Range/Performance (Cam/Rotor/Injector)
P0258 Injection Pump Fuel Metering Control "B" Low (Cam/Rotor/Injector)
P0259 Injection Pump Fuel Metering Control "B" High (Cam/Rotor/Injector)
P0260 Injection Pump Fuel Metering Control "B" Intermittent (Cam/Rotor/Injector)
P0261 Cylinder 1 Injector Circuit Low
P0262 Cylinder 1 Injector Circuit High
P0263 Cylinder 1 Contribution/Balance Fault
P0264 Cylinder 2 Injector Circuit Low
P0265 Cylinder 2 Injector Circuit High
P0266 Cylinder 2 Contribution/Balance Fault
P0267 Cylinder 3 Injector Circuit Low
P0268 Cylinder 3 Injector Circuit High
P0269 Cylinder 3 Contribution/Balance Fault
P0270 Cylinder 4 Injector Circuit Low
P0271 Cylinder 4 Injector Circuit High
P0272 Cylinder 4 Contribution/Balance Fault
P0273 Cylinder 5 Injector Circuit Low
P0274 Cylinder 5 Injector Circuit High
P0275 Cylinder 5 Contribution/Balance Fault
P0276 Cylinder 6 Injector Circuit Low
P0277 Cylinder 6 Injector Circuit High
P0278 Cylinder 6 Contribution/Balance Fault
P0279 Cylinder 7 Injector Circuit Low
P0280 Cylinder 7 Injector Circuit High
P0281 Cylinder 7 Contribution/Balance Fault
P0282 Cylinder 8 Injector Circuit Low
P0283 Cylinder 8 Injector Circuit High
P0284 Cylinder 8 Contribution/Balance Fault
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
P0297 Vehicle Overspeed Condition
P0298 Engine Oil Over Temperature
P0299 Turbo/Super Charger Underboost

P0300-P0399 – Ignition System or Misfire

Code Description

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

OBDII Powertrain (P) Codes

P0306 Cylinder 6 Misfire Detected
P0307 Cylinder 7 Misfire Detected
P0308 Cylinder 8 Misfire Detected
P0309 Cylinder 9 Misfire Detected
P0310 Cylinder 10 Misfire Detected
P0311 Cylinder 11 Misfire Detected
P0312 Cylinder 12 Misfire Detected
P0313 Misfire Detected with Low Fuel
P0314 Single Cylinder Misfire (Cylinder not Specified)
P0315 Crankshaft Position System Variation Not Learned
P0316 Engine Misfire Detected on Startup (First 1000 Revolutions)
P0317 Rough Road Hardware Not Present
P0318 Rough Road Sensor "A" Signal Circuit
P0319 Rough Road Sensor "B"
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
P0324 Knock Control System Error
P0325 Knock Sensor 1 Circuit Malfunction (Bank 1 or Single Sensor)
P0326 Knock Sensor 1 Circuit Range/Performance (Bank 1 or Single Sensor)
P0327 Knock Sensor 1 Circuit Low Input (Bank 1 or Single Sensor)
P0328 Knock Sensor 1 Circuit High Input (Bank 1 or Single Sensor)
P0329 Knock Sensor 1 Circuit Intermittent (Bank 1 or Single Sensor)
P0330 Knock Sensor 2 Circuit Malfunction (Bank 2)
P0331 Knock Sensor 2 Circuit Range/Performance (Bank 2)
P0332 Knock Sensor 2 Circuit Low Input (Bank 2)
P0333 Knock Sensor 2 Circuit High Input (Bank 2)
P0334 Knock Sensor 2 Circuit Intermittent (Bank 2)
P0335 Crankshaft Position Sensor A Circuit Malfunction
P0336 Crankshaft Position Sensor A Circuit Range/Performance
P0337 Crankshaft Position Sensor A Circuit Low Input
P0338 Crankshaft Position Sensor A Circuit High Input
P0339 Crankshaft Position Sensor A Circuit Intermittent
P0340 Camshaft Position Sensor A Circuit Malfunction (Bank 1 or Single Sensor)
P0341 Camshaft Position Sensor A Circuit Range/Performance (Bank 1 or Single Sensor)
P0342 Camshaft Position Sensor A Circuit Low Input (Bank 1 or Single Sensor)
P0343 Camshaft Position Sensor A Circuit High Input (Bank 1 or Single Sensor)
P0344 Camshaft Position Sensor A Circuit Intermittent (Bank 1 or Single Sensor)
P0345 Camshaft Position Sensor A Circuit Malfunction (Bank 2)
P0346 Camshaft Position Sensor A Circuit Range/Performance (Bank 2)
P0347 Camshaft Position Sensor A Circuit Low Input (Bank 2)
P0348 Camshaft Position Sensor A Circuit High Input (Bank 2)
P0349 Camshaft Position Sensor A Circuit Intermittent (Bank 2)
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
P0364 Reserved
P0365 Camshaft Position Sensor "B" Circuit (Bank 1)
P0366 Camshaft Position Sensor "B" Circuit Range/Performance (Bank 1)
P0367 Camshaft Position Sensor "B" Circuit Low (Bank 1)
P0368 Camshaft Position Sensor "B" Circuit High (Bank 1)
P0369 Camshaft Position Sensor "B" Circuit Intermittent (Bank 1)
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

OBDII Powertrain (P) Codes

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
P0390 Camshaft Position Sensor B Circuit (Bank 2)
P0391 Camshaft Position Sensor B Circuit Range/Performance (Bank 2)
P0392 Camshaft Position Sensor B Circuit Low (Bank 2)
P0393 Camshaft Position Sensor B Circuit High (Bank 2)
P0394 Camshaft Position Sensor B Circuit Intermittent (Bank 2)

P0400-P0499 – Auxiliary Emission Controls

Code Description

P0400 Exhaust Gas Recirculation Flow Malfunction
P0401 Exhaust Gas Recirculation Flow Insufficient Detected
P0402 Exhaust Gas Recirculation Flow Excessive Detected
P0403 Exhaust Gas Recirculation Control Circuit Malfunction
P0404 Exhaust Gas Recirculation Control 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
P0409 Exhaust Gas Recirculation Sensor A Circuit
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)
P0425 Catalyst Temperature Sensor (Bank 1)
P0426 Catalyst Temperature Sensor Range/Performance (Bank 1)
P0427 Catalyst Temperature Sensor Low (Bank 1)
P0428 Catalyst Temperature Sensor High (Bank 1)
P0429 Catalyst Heater Control Circuit (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)
P0435 Catalyst Temperature Sensor (Bank 2)
P0436 Catalyst Temperature Sensor Range/Performance (Bank 2)
P0437 Catalyst Temperature Sensor Low (Bank 2)
P0438 Catalyst Temperature Sensor High (Bank 2)
P0439 Catalyst Heater Control Circuit (Bank 2)

OBDII Powertrain (P) Codes

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
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 (large leak)
P0456 Evaporative Emission Control System Leak Detected (very small leak)
P0457 Evaporative Emission Control System Leak Detected (fuel cap loose/off)
P0458 Evaporative Emission System Purge Control Valve Circuit Low
P0459 Evaporative Emission System Purge Control Valve Circuit High
P0460 Fuel Level Sensor A Circuit Malfunction
P0461 Fuel Level Sensor A Circuit Range/Performance
P0462 Fuel Level Sensor A Circuit Low Input
P0463 Fuel Level Sensor A Circuit High Input
P0464 Fuel Level Sensor A Circuit Intermittent
P0465 EVAP Purge Flow Sensor Circuit Malfunction
P0466 EVAP Purge Flow Sensor Circuit Range/Performance
P0467 EVAP Purge Flow Sensor Circuit Low Input
P0468 EVAP Purge Flow Sensor Circuit High Input
P0469 EVAP 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
P0486 Exhaust Gas Recirculation Sensor B Circuit
P0487 Exhaust Gas Recirculation Throttle Position Control Circuit
P0488 Exhaust Gas Recirculation Throttle Position Control Range/Performance
P0489 Exhaust Gas Recirculation Control Circuit Low
P0490 Exhaust Gas Recirculation Control Circuit High
P0491 Secondary Air Injection System (Bank 1)
P0492 Secondary Air Injection System (Bank 2)
P0493 Fan Overspeed
P0494 Fan Speed Low
P0495 Fan Speed High
P0496 Evaporative Emission System High Purge Flow
P0497 Evaporative Emission System Low Purge Flow
P0498 Evaporative Emission System Vent Valve Control Circuit Low
P0499 Evaporative Emission System Vent Valve Control Circuit High

OBDII Powertrain (P) Codes

P0500-P0599 – Vehicle Speed, Idle Control and Auxiliary Inputs

Code Description

P0500 Vehicle Speed Sensor A Malfunction
P0501 Vehicle Speed Sensor A Range/Performance
P0502 Vehicle Speed Sensor A Low Input
P0503 Vehicle Speed Sensor A Intermittent/Erratic/High
P0504 Brake Switch A/B Correlation
P0505 Idle Air Control System Malfunction
P0506 Idle Air Control System RPM Lower Than Expected
P0507 Idle Air Control System RPM Higher Than Expected
P0508 Idle Air Control System Circuit Low
P0509 Idle Air Control System Circuit High
P0510 Closed Throttle Position Switch Malfunction
P0511 Idle Air Control Circuit
P0512 Starter Request Circuit
P0513 Incorrect Immobilizer Key
P0514 Battery Temperature Sensor Circuit Range/Performance
P0515 Battery Temperature Sensor Circuit
P0516 Battery Temperature Sensor Circuit Low
P0517 Battery Temperature Sensor Circuit High
P0518 Idle Air Control Circuit Intermittent
P0519 Idle Air Control System Performance
P0520 Engine Oil Pressure Sensor/Switch Circuit Malfunction
P0521 Engine Oil Pressure Sensor/Switch Circuit Range/Performance
P0522 Engine Oil Pressure Sensor/Switch Circuit Low Voltage
P0523 Engine Oil Pressure Sensor/Switch Circuit High Voltage
P0524 Engine Oil Pressure Too Low
P0525 Cruise Control Servo Control Circuit Range/Performance
P0526 Fan Speed Sensor Circuit
P0527 Fan Speed Sensor Circuit Range/Performance
P0528 Fan Speed Sensor Circuit No Signal
P0529 Fan Speed Sensor Circuit Intermittent
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
P0535 A/C Evaporator Temperature Sensor Circuit
P0536 A/C Evaporator Temperature Sensor Circuit Range/Performance
P0537 A/C Evaporator Temperature Sensor Circuit Low
P0538 A/C Evaporator Temperature Sensor Circuit High
P0539 A/C Evaporator Temperature Sensor Circuit 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 Temperature Sensor Circuit (Bank 1 Sensor 1)
P0545 Exhaust Gas Temperature Sensor Circuit Low (Bank 1 Sensor 1)
P0546 Exhaust Gas Temperature Sensor Circuit High (Bank 1 Sensor 1)
P0547 Exhaust Gas Temperature Sensor Circuit (Bank 2 Sensor 1)
P0548 Exhaust Gas Temperature Sensor Circuit Low (Bank 2 Sensor 1)
P0549 Exhaust Gas Temperature Sensor Circuit High (Bank 2 Sensor 1)
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
P0555 Brake Booster Pressure Sensor Circuit
P0556 Brake Booster Pressure Sensor Circuit Range/Performance
P0557 Brake Booster Pressure Sensor Circuit Low Input
P0558 Brake Booster Pressure Sensor Circuit High Input
P0559 Brake Booster Pressure Sensor Circuit Intermittent
P0560 System Voltage Malfunction
P0561 System Voltage Unstable
P0562 System Voltage Low

OBDII Powertrain (P) Codes

P0563 System Voltage High
P0564 Cruise Control Multi-Function Input A Circuit
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 Accelerate 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 Cruise Control System - Vehicle Speed Too High
P0575 Cruise Control Input Circuit
P0576 Cruise Control Input Circuit Low
P0577 Cruise Control Input Circuit High
P0578 Cruise Control Multi-Function Input A Circuit Stuck
P0579 Cruise Control Multi-Function Input A Circuit Range/Performance
P0580 Cruise Control Multi-Function Input A Circuit Low
P0581 Cruise Control Multi-Function 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-Function Input A/B 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-Function Input B Circuit
P0590 Cruise Control Multi-Function Input B Circuit Circuit Stuck
P0591 Cruise Control Multi-Function Input B Circuit Circuit Range/Performance
P0592 Cruise Control Multi-Function Input B Circuit Circuit Low
P0593 Cruise Control Multi-Function Input B Circuit Circuit High
P0594 Cruise Control Servo Control Circuit/Open
P0595 Cruise Control Servo Control Circuit Low
P0596 Cruise Control Servo Control Circuit High
P0597 Thermostat Heater Control Circuit/Open
P0598 Thermostat Heater Control Circuit Low
P0599 Thermostat Heater Control Circuit High

P0600-P0699 – Computer Output Circuit

Code Description

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
P0606 ECM/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 Error
P0611 Fuel Injector Control Module Performance
P0612 Fuel Injector Control Module Relay Control
P0613 TCM Processor
P0614 ECM / TCM Incompatible
P0615 Starter Relay Circuit
P0616 Starter Relay Circuit Low
P0617 Starter Relay Circuit High
P0618 Alternative Fuel Control Module KAM Error
P0619 Alternative Fuel Control Module RAM/ROM Error
P0620 Generator Control Circuit Malfunction
P0621 Generator Lamp/L Terminal Circuit Malfunction
P0622 Generator Field/F Terminal Circuit Malfunction

OBDII Powertrain (P) Codes

P0623 Generator Lamp Control Circuit
P0624 Fuel Cap Lamp Control Circuit
P0625 Generator Field/F Terminal Circuit Low
P0626 Generator Field/F Terminal Circuit High
P0627 Fuel Pump A Control Circuit /Open
P0628 Fuel Pump A Control Circuit Low
P0629 Fuel Pump A Control Circuit High
P0630 VIN Not Programmed or Incompatible - ECM/PCM
P0631 VIN Not Programmed or Incompatible – TCM
P0632 Odometer Not Programmed – ECM/PC
P0633 Immobilizer Key Not Programmed - ECM/PCM
P0634 PCM/ECM/TCM Internal Temperature Too High
P0635 Power Steering Control Circuit
P0636 Power Steering Control Circuit Low
P0637 Power Steering Control Circuit High
P0638 Throttle Actuator Control Range/Performance (Bank 1)
P0639 Throttle Actuator Control Range/Performance (Bank 2)
P0640 Intake Air Heater Control Circuit
P0641 Sensor Reference Voltage A Circuit/Open
P0642 Sensor Reference Voltage A Circuit Low
P0643 Sensor Reference Voltage A Circuit High
P0644 Driver Display Serial Communication Circuit
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 Control Circuit
P0649 Speed Control Lamp Control Circuit
P0650 Malfunction Indicator Lamp (MIL) Control Circuit Malfunction
P0651 Sensor Reference Voltage B Circuit/Open
P0652 Sensor Reference Voltage B Circuit Low
P0653 Sensor Reference Voltage B Circuit High
P0654 Engine RPM Output Circuit Malfunction
P0655 Engine Hot Lamp Output Control Circuit Malfunction
P0656 Fuel Level Output Circuit Malfunction
P0657 Actuator Supply Voltage Circuit/Open
P0658 Actuator Supply Voltage Circuit Low
P0659 Actuator Supply Voltage Circuit High
P0660 Intake Manifold Tuning Valve Control Circuit/Open (Bank 1)
P0661 Intake Manifold Tuning Valve Control Circuit Low (Bank 1)
P0662 Intake Manifold Tuning Valve Control Circuit High (Bank 1)
P0663 Intake Manifold Tuning Valve Control Circuit/Open (Bank 2)
P0664 Intake Manifold Tuning Valve Control Circuit Low (Bank 2)
P0665 Intake Manifold Tuning Valve Control Circuit High (Bank 2)
P0666 PCM/ECM/TCM Internal Temperature Sensor Circuit
P0667 PCM/ECM/TCM Internal Temperature Sensor Range/Performance
P0668 PCM/ECM/TCM Internal Temperature Sensor Circuit Low
P0669 PCM/ECM/TCM Internal Temperature Sensor Circuit High
P0670 Glow Plug Module Control Circuit
P0671 Cylinder 1 Glow Plug Circuit
P0672 Cylinder 2 Glow Plug Circuit
P0673 Cylinder 3 Glow Plug Circuit
P0674 Cylinder 4 Glow Plug Circuit
P0675 Cylinder 5 Glow Plug Circuit
P0676 Cylinder 6 Glow Plug Circuit
P0677 Cylinder 7 Glow Plug Circuit
P0678 Cylinder 8 Glow Plug Circuit
P0679 Cylinder 9 Glow Plug Circuit
P0680 Cylinder 10 Glow Plug Circuit
P0681 Cylinder 11 Glow Plug Circuit
P0682 Cylinder 12 Glow Plug Circuit
P0683 Glow Plug Control Module to PCM Communication Circuit
P0684 Glow Plug Control Module to PCM Communication Circuit Range/Performance
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 /Open
P0689 ECM/PCM Power Relay Sense Circuit Low

OBDII Powertrain (P) Codes

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 Reference Voltage C Circuit/Open
P0698 Sensor Reference Voltage C Circuit Low
P0699 Sensor Reference Voltage C Circuit High

P0700-P0799 – Transmission

Code Description

P0700 Transmission Control System (MIL Request) 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 A Circuit Malfunction
P0711 Transmission Fluid Temperature Sensor A Circuit Range/Performance
P0712 Transmission Fluid Temperature Sensor A Circuit Low Input
P0713 Transmission Fluid Temperature Sensor A Circuit High Input
P0714 Transmission Fluid Temperature Sensor A Circuit Intermittent
P0715 Input/Turbine Speed Sensor A Circuit Malfunction
P0716 Input/Turbine Speed Sensor A Circuit Range/Performance
P0717 Input/Turbine Speed Sensor A Circuit No Signal
P0718 Input/Turbine Speed Sensor A 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
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
P0729 Gear 6 Incorrect Ratio
P0730 Incorrect Gear Ratio
P0731 Gear 1 Incorrect ratio
P0732 Gear 2 Incorrect ratio
P0733 Gear 3 Incorrect ratio
P0734 Gear 4 Incorrect ratio
P0735 Gear 5 Incorrect ratio
P0736 Reverse incorrect gear ratio
P0737 TCM Engine Speed Output Circuit
P0738 TCM Engine Speed Output Circuit Low
P0739 TCM Engine Speed Output Circuit High
P0740 Torque Converter Clutch Circuit Malfunction
P0741 Torque Converter Clutch Circuit Performance or Stuck Off
P0742 Torque Converter Clutch Circuit Stock On
P0743 Torque Converter Clutch Circuit Electrical
P0744 Torque Converter Clutch Circuit Intermittent
P0745 Pressure Control Solenoid A Malfunction
P0746 Pressure Control Solenoid A Performance or Stuck Off
P0747 Pressure Control Solenoid A Stuck On
P0748 Pressure Control Solenoid A Electrical
P0749 Pressure Control Solenoid A Intermittent

OBDII Powertrain (P) Codes

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 Stock 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
P0775 Pressure Control Solenoid B
P0776 Pressure Control Solenoid B Performance or Stuck Off
P0777 Pressure Control Solenoid B Stuck on
P0778 Pressure Control Solenoid B Electrical
P0779 Pressure Control Solenoid B 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
P0791 Intermediate Shaft Speed Sensor A Circuit
P0792 Intermediate Shaft Speed Sensor A Circuit Range/Performance
P0793 Intermediate Shaft Speed Sensor A Circuit No Signal
P0794 Intermediate Shaft Speed Sensor A Circuit Intermittent
P0795 Pressure Control Solenoid C
P0796 Pressure Control Solenoid C Performance or Stuck Off
P0797 Pressure Control Solenoid C Stuck on
P0798 Pressure Control Solenoid C Electrical
P0799 Pressure Control Solenoid C Intermittent

P0800-P0899 – Transmission

Code Description

P0800 Transfer Case Control System (MIL Request)
P0801 Reverse Inhibit Control Circuit Malfunction
P0802 Transmission Control System MIL Request Circuit/Open
P0803 1-4 Upshift (Skip Shift) Solenoid Control Circuit Malfunction
P0804 1-4 Upshift (Skip Shift) Lamp Control Circuit Malfunction
P0805 Clutch Position Sensor Circuit
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

OBDII Powertrain (P) Codes

P0810 Clutch Position Control Error
P0811 Excessive Clutch Slippage
P0812 Reverse Input Circuit
P0813 Reverse Output Circuit
P0814 Transmission Range Display Circuit
P0815 Upshift Switch Circuit
P0816 Downshift Switch Circuit
P0817 Starter Disable Circuit
P0818 Driveline Disconnect Switch Input Circuit
P0819 Up and Down Shift Switch to Transmission Range Correlation
P0820 Gear Lever X-Y Position Sensor Circuit
P0821 Gear Lever X Position Circuit
P0822 Gear Lever Y Position Circuit
P0823 Gear Lever X Position Circuit Intermittent
P0824 Gear Lever Y Position Circuit Intermittent
P0825 Gear Lever Push-Pull Switch (Shift Anticipate)
P0826 Up and Down Shift Switch Circuit
P0827 Up and Down Shift Switch Circuit Low
P0828 Up and Down Shift Switch Circuit High
P0829 5-6 Shift
P0830 Clutch Pedal Switch A Circuit
P0831 Clutch Pedal Switch A Circuit Low
P0832 Clutch Pedal Switch A Circuit High
P0833 Clutch Pedal Switch B Circuit
P0834 Clutch Pedal Switch B Circuit Low
P0835 Clutch Pedal Switch B Circuit High
P0836 Four Wheel Drive (4WD) Switch Circuit
P0837 Four Wheel Drive (4WD) Switch Circuit Range/Performance
P0838 Four Wheel Drive (4WD) Switch Circuit Low
P0839 Four Wheel Drive (4WD) Switch Circuit High
P0840 Transmission Fluid Pressure Sensor/Switch A Circuit
P0841 Transmission Fluid Pressure Sensor/Switch A Circuit Range/Performance
P0842 Transmission Fluid Pressure Sensor/Switch A Circuit Low
P0843 Transmission Fluid Pressure Sensor/Switch A Circuit High
P0844 Transmission Fluid Pressure Sensor/Switch A Circuit Intermittent
P0845 Transmission Fluid Pressure Sensor/Switch B Circuit
P0846 Transmission Fluid Pressure Sensor/Switch B Circuit Range/Performance
P0847 Transmission Fluid Pressure Sensor/Switch B Circuit Low
P0848 Transmission Fluid Pressure Sensor/Switch B Circuit High
P0849 Transmission Fluid Pressure Sensor/Switch B Circuit Intermittent
P0850 Park/Neutral Switch Input Circuit
P0851 Park/Neutral Switch Input Circuit Low
P0852 Park/Neutral Switch Input Circuit High
P0853 Drive Switch Input Circuit
P0854 Drive Switch Input Circuit Low
P0855 Drive Switch Input Circuit High
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 Communication Circuit
P0861 Gear Shift Module Communication Circuit Low
P0862 Gear Shift Module Communication Circuit High
P0863 TCM Communication Circuit
P0864 TCM Communication Circuit Range/Performance
P0865 TCM Communication Circuit Low
P0866 TCM Communication Circuit High
P0867 Transmission Fluid Pressure
P0868 Transmission Fluid Pressure Low
P0869 Transmission Fluid Pressure High
P0870 Transmission Fluid Pressure Sensor/Switch C Circuit
P0871 Transmission Fluid Pressure Sensor/Switch C Circuit Range/Performance
P0872 Transmission Fluid Pressure Sensor/Switch C Circuit Low
P0873 Transmission Fluid Pressure Sensor/Switch C Circuit High
P0874 Transmission Fluid Pressure Sensor/Switch C Circuit Intermittent
P0875 Transmission Fluid Pressure Sensor/Switch D Circuit
P0876 Transmission Fluid Pressure Sensor/Switch D Circuit Range/Performance

OBDII Powertrain (P) Codes

P0877 Transmission Fluid Pressure Sensor/Switch D Circuit Low
P0878 Transmission Fluid Pressure Sensor/Switch D Circuit High
P0879 Transmission Fluid Pressure Sensor/Switch D Circuit 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 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 Circuit Range/Performance
P0890 TCM Power Relay Sense Circuit Low
P0891 TCM Power Relay Sense Circuit High
P0892 TCM Power Relay Sense Circuit Intermittent
P0893 Multiple Gears Engaged
P0894 Transmission Component Slipping
P0895 Shift Time Too Short
P0896 Shift Time Too Long
P0897 Transmission Fluid Deteriorated
P0898 Transmission Control System MIL Request Circuit Low
P0899 Transmission Control System MIL Request Circuit High

P0900-P0999 – Transmission

Code Description

P0900 Clutch Actuator Circuit/Open
P0901 Clutch Actuator Circuit Range/Performance
P0902 Clutch Actuator Circuit Low
P0903 Clutch Actuator Circuit High
P0904 Gate Select Position Circuit
P0905 Gate Select Position Circuit Range/Performance
P0906 Gate Select Position Circuit Low
P0907 Gate Select Position Circuit High
P0908 Gate Select Position Circuit Intermittent
P0909 Gate Select Control Error
P0910 Gate Select Actuator Circuit/Open
P0911 Gate Select Actuator Circuit Range/Performance
P0912 Gate Select Actuator Circuit Low
P0913 Gate Select Actuator Circuit High
P0914 Gear Shift Position Circuit
P0915 Gear Shift Position Circuit Range/Performance
P0916 Gear Shift Position Circuit Low
P0917 Gear Shift Position Circuit High
P0918 Gear Shift Position Circuit Intermittent
P0919 Gear Shift Position Control Error
P0920 Gear Shift Forward Actuator Circuit/Open
P0921 Gear Shift Forward Actuator Circuit Range/Performance
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 Circuit Range/Performance
P0926 Gear Shift Reverse Actuator Circuit Low
P0927 Gear Shift Reverse Actuator Circuit High
P0928 Gear Shift Lock Solenoid Control Circuit/Open
P0929 Gear Shift Lock Solenoid Control Circuit Range/Performance
P0930 Gear Shift Lock Solenoid Control Circuit Low
P0931 Gear Shift Lock Solenoid Control Circuit High
P0932 Hydraulic Pressure Sensor Circuit
P0933 Hydraulic Pressure Sensor Range/Performance
P0934 Hydraulic Pressure Sensor Circuit Low
P0935 Hydraulic Pressure Sensor Circuit High
P0936 Hydraulic Pressure Sensor Circuit Intermittent

OBDII Powertrain (P) Codes

P0937 Hydraulic Oil Temperature Sensor Circuit
P0938 Hydraulic Oil Temperature Sensor Circuit Range/Performance
P0939 Hydraulic Oil Temperature Sensor Circuit Low
P0940 Hydraulic Oil Temperature Sensor Circuit High
P0941 Hydraulic Oil Temperature Sensor Circuit Intermittent
P0942 Hydraulic Pressure Unit
P0943 Hydraulic Pressure Unit Cycling Period Too Short
P0944 Hydraulic Pressure Unit Loss of Pressure
P0945 Hydraulic Pump Relay Circuit/Open
P0946 Hydraulic Pump Relay Circuit Range/Performance
P0947 Hydraulic Pump Relay Circuit Low
P0948 Hydraulic Pump Relay Circuit High
P0949 Auto Shift Manual Adaptive Learning Not Complete
P0950 Auto Shift Manual Control Circuit
P0951 Auto Shift Manual Control Circuit Range/Performance
P0952 Auto Shift Manual Control Circuit Low
P0953 Auto Shift Manual Control Circuit High
P0954 Auto Shift Manual Control Circuit Intermittent
P0955 Auto Shift Manual Mode Circuit
P0956 Auto Shift Manual Mode Circuit Range/Performance
P0957 Auto Shift Manual Mode Circuit Low
P0958 Auto Shift Manual Mode Circuit High
P0959 Auto Shift Manual Mode Circuit Intermittent
P0960 Pressure Control Solenoid A Control Circuit/Open
P0961 Pressure Control Solenoid A Control Circuit Range/Performance
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 Circuit Range/Performance
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 Pressure Control Solenoid C Control Circuit Range/Performance
P0970 Pressure Control Solenoid C Control Circuit Low
P0971 Pressure Control Solenoid C Control Circuit High
P0972 Shift Solenoid A Control Circuit Range/Performance
P0973 Shift Solenoid A Control Circuit Low
P0974 Shift Solenoid A Control Circuit High
P0975 Shift Solenoid B Control Circuit Range/Performance
P0976 Shift Solenoid B Control Circuit Low
P0977 Shift Solenoid B Control Circuit High
P0978 Shift Solenoid C Control Circuit Range/Performance
P0979 Shift Solenoid C Control Circuit Low
P0980 Shift Solenoid C Control Circuit High
P0981 Shift Solenoid D Control Circuit Range/Performance
P0982 Shift Solenoid D Control Circuit Low
P0983 Shift Solenoid D Control Circuit High
P0984 Shift Solenoid E Control Circuit Range/Performance
P0985 Shift Solenoid E Control Circuit Low
P0986 Shift Solenoid E Control Circuit High
P0987 Transmission Fluid Pressure Sensor/Switch E Circuit
P0988 Transmission Fluid Pressure Sensor/Switch E Circuit Range/Performance
P0989 Transmission Fluid Pressure Sensor/Switch E Circuit Low
P0990 Transmission Fluid Pressure Sensor/Switch E Circuit High
P0991 Transmission Fluid Pressure Sensor/Switch E Intermittent
P0992 Transmission Fluid Pressure Sensor/Switch F Circuit
P0993 Transmission Fluid Pressure Sensor/Switch F Circuit Range/Performance
P0994 Transmission Fluid Pressure Sensor/Switch F Circuit Low
P0995 Transmission Fluid Pressure Sensor/Switch F Circuit High
P0996 Transmission Fluid Pressure Sensor/Switch F Intermittent
P0997 Shift Solenoid F Control Circuit Range/Performance
P0998 Shift Solenoid F Control Circuit Low
P0999 Shift Solenoid F Control Circuit High

OBDII Powertrain (P) Codes

POA00-POA99 – Transmission

Code Description

POA00 Motor Electronics Coolant Temperature Sensor Circuit
POA01 Motor Electronics Coolant Temperature Sensor Circuit Range/Performance
POA02 Motor Electronics Coolant Temperature Sensor Circuit Low
POA03 Motor Electronics Coolant Temperature Sensor Circuit High
POA04 Motor Electronics Coolant Temperature Sensor Circuit Intermittent
POA05 Motor Electronics Coolant Pump Control Circuit/Open
POA06 Motor Electronics Coolant Pump Control Circuit Low
POA07 Motor Electronics Coolant Pump Control Circuit High
POA08 DC/DC Converter Status Circuit
POA09 DC/DC Converter Status Circuit Low Input
POA10 DC/DC Converter Status Circuit High Input
POA11 DC/DC Converter Enable Circuit/Open
POA12 DC/DC Converter Enable Circuit Low
POA13 DC/DC Converter Enable Circuit High
POA14 Engine Mount Control Circuit/Open
POA15 Engine Mount Control Circuit Low
POA16 Engine Mount Control Circuit High
POA17 Motor Torque Sensor Circuit
POA18 Motor Torque Sensor Circuit Range/Performance
POA19 Motor Torque Sensor Circuit Low
POA20 Motor Torque Sensor Circuit High
POA21 Motor Torque Sensor Circuit Intermittent
POA22 Generator Torque Sensor Circuit
POA23 Generator Torque Sensor Circuit Range/Performance
POA24 Generator Torque Sensor Circuit Low
POA25 Generator Torque Sensor Circuit High
POA26 Generator Torque Sensor Circuit Intermittent
POA27 Battery Power Off Circuit
POA28 Battery Power Off Circuit Low
POA29 Battery Power Off Circuit High
Manufacturer Controlled

P1100-P1199 – Fuel and Air Metering

Code Description

P1100 MAF Sensor Intermittent/ Check of all OBDII Systems Not Complete
P1101 MAF Sensor Out Of Self Test Range
P1102 MAF Sensor In Range But Lower Than Expected
P1103 MAF Sensor In Range But Higher Than Expected
P1104 MAF Ground Malfunction
P1105 Dual Alternator Upper Fault
P1106 Dual Alternator Lower Fault/ Manifold Absolute Pressure (MAP) Sensor Circuit Intermittent High Voltage
P1107 Dual Alternator Lower Circuit Malfunction/ Manifold Absolute Pressure (MAP) Sensor Circuit Intermittent Low Voltage
P1108 Dual Alternator Battery Lamp Circuit Malfunction
P1109 IAT - B Sensor Intermittent
P1110 IAT Sensor (D/C) Open/Short
P1111 Intake Air Temperature (IAT) Sensor Circuit Intermittent High Voltage
P1112 Intake Air Temperature (IAT) Sensor Circuit Intermittent Low Voltage
P1113 IAT Sensor Open/Short
P1114 Engine Coolant Temperature (ECT) Sensor Circuit Intermittent Low Voltage/IAT - B Circuit Low Input
P1115 Engine Coolant Temperature (ECT) Sensor Circuit Intermittent High Voltage/IAT - B Circuit High Input
P1116 Engine Coolant sensor out of range/ECT Sensor Out Of Self Test Range
P1117 Engine Coolant Sensor intermittent/ECT Sensor Intermittent
P1118 Manifold Absolute Temperature Circuit Low Input
P1119 Manifold Absolute Temperature Circuit High Input
P1120 Throttle position sensor out of range
P1121 Throttle Position (TP) Sensor Circuit Intermittent High Voltage
P1122 Throttle Position (TP) Sensor Circuit Intermittent Low Voltage

OBDII Powertrain (P) Codes

P1123 Throttle Position Sensor In Range But Higher Than Expected
P1124 Throttle Position Sensor Out Of Self Test Range
P1125 Throttle position sensor intermittent
P1126 Throttle Position (Narrow Range) Sensor Circuit Malfunction
P1127 Exhaust Not Warm, Downstream O2 Sensor
P1128 Upstream Heated O2 Sensors Swapped
P1129 Downstream Heated O2 Sensors Swapped
P1130 Lack Of HO2S Switch - Adaptive Fuel At Limit
P1131 Lack Of HO2S Switch - Sensor Indicates Lean
P1132 Lack Of HO2S Switch - Sensor Indicates Rich
P1133 HO2S Insufficient Switching Sensor 1
P1134 HO2S Transition Time Ratio Sensor 1
P1135 Pedal Position Sensor A Circuit Intermittent
P1136 Fan Control Circuit Malfunction
P1137 Lack Of HO2S Switch - Sensor Indicates Lean
P1138 Lack Of HO2S12 Switch - Sensor Indicates Rich
P1139 Water In Fuel Indicator Circuit Malfunction
P1140 Water In Fuel Condition
P1141 Fuel Restriction Indicator Circuit Malfunction
P1142 Fuel Restriction Condition
P1143 Air Assist Control Valve Range/Performance
P1144 Air Assist Control Valve Circuit Malfunction
P1150 Lack Of HO2S21 Switch - Adaptive Fuel At Limit
P1151 Lack Of HO2S21 Switch - Sensor Indicates Lean
P1152 Lack Of HO2S21 Switch - Sensor Indicates Rich
P1153 Bank 2 Fuel Control Shifted Lean
P1154 Bank 2 Fuel Control Shifted Rich
P1155 Alternative Fuel Controller
P1156 Fuel Select Switch Malfunction
P1157 Lack Of HO2S22 Switch - Sensor Indicates Lean
P1158 Lack Of HO2S22 Switch - Sensor Indicates Rich
P1159 Fuel Stepper Motor Malfunction
P1167 Invalid Test,throttle not depressed
P1168 Fuel Rail Sensor In-Range Low Failure
P1169 Fuel Rail Sensor In-Range High Failure
P1170 ESO - Engine Shut Off Solenoid Fault
P1171 Rotor Sensor Fault
P1172 Rotor Control Fault
P1173 Rotor Calibration Fault
P1174 Cam Sensor Fault
P1175 Cam Control Fault
P1176 Cam Calibration Fault
P1177 Synchronization Fault
P1178 (open)
P1180 Fuel Delivery System Malfunction - Low
P1181 Fuel Delivery System Malfunction - High
P1182 Fuel Shut Off Solenoid Malfunction
P1183 Engine Oil Temperature Circuit Malfunction
P1184 Engine Oil Temperature Out Of Self Test Range
P1185 FTS High - Fuel Pump Temperature Sensor High
P1186 FTS Low - Fuel Pump Temperature Sensor Low
P1187 Variant Selection
P1188 Calibration Memory Fault
P1189 Pump Speed Signal Fault
P1190 Calibration Resistor Out Of Range
P1191 Key Line Voltage
P1192 Voltage External
P1193 EGR Drive Overcurrent
P1194 ECU A/D Converter
P1195 SCP HBCC Failed To Initialize
P1196 Key Off Voltage High
P1197 Key Off Voltage Low
P1198 Pump Rotor Control Underfueling
P1199 Fuel Level Input Circuit Low

OBDII Powertrain (P) Codes

P1200-P1299 – Fuel and Air Metering

Code Description

P1200 Injector Control Circuit
P1201 Injector Circuit Open / Shorted - Cylinder #1
P1202 Injector Circuit Open / Shorted - Cylinder #2
P1203 Injector Circuit Open / Shorted - Cylinder #3
P1204 Injector Circuit Open / Shorted - Cylinder #4
P1205 Injector Circuit Open / Shorted - Cylinder #5
P1206 Injector Circuit Open / Shorted - Cylinder #6
P1209 Injector Control Pressure System Fault
P1210 Injector Control Pressure Above Expected Level
P1211 Injector Control Pressure Sensor Above / Below Desired
P1212 Injector Control Pressure Not Detected During Crank
P1213 Start Injector Circuit Malfunction
P1214 Pedal Position Sensor B Circuit Intermittent
P1215 Pedal Position Sensor C Circuit Low Input
P1216 Pedal Position Sensor C Circuit High Input
P1217 Pedal Position Sensor C Circuit Intermittent
P1218 CID High
P1219 CID Low
P1220 Series Throttle Control System Malfunction
P1221 Traction Control System Malfunction
P1222 Traction Control Output Circuit Malfunction
P1223 Pedal Demand Sensor B Circuit High Input
P1224 Throttle Position Sensor B Out Of Self Test Range
P1225 Needle Lift Sensor Malfunction
P1226 Control Sleeve Sensor Malfunction
P1227 Wastegate Failed Closed (Over Pressure)
P1228 Wastegate Failed Open (Under Pressure)
P1229 Intercooler Pump Driver Fault
P1230 Fuel Pump Low Speed Malfunction
P1231 Fuel Pump Secondary Circuit Low, High Speed
P1232 Fuel Pump Speed Primary Circuit Malfunction
P1233 Fuel Pump Driver Module Off Line
P1234 Fuel Pump Driver Module Off Line
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
P1239 Speed Fuel Pump Positive Feed Fault
P1240 Sensor Power Supply Malfunction
P1241 Sensor Power Supply Low Input
P1242 Sensor Power Supply High Input
P1243 Second Fuel Pump Faulty or Ground Fault
P1244 Alternator Load Input Failed High
P1245 Alternator Load Input Failed Low
P1246 Alternator Load Input Failed
P1247 Turbo Boost Pressure Low
P1248 Turbo Boost Pressure Not Detected
P1249 Wastegate Control Valve Performance
P1250 PRC Solenoid Circuit Malfunction
P1251 Air Mixture Solenoid Circuit Malfunction
P1252 Pedal Correlation PDS1 and LPDS High
P1253 Pedal Correlation PDS1 and LPDS Low
P1254 Pedal Correlation PDS2 and LPDS High
P1255 Pedal Correlation PDS2 and LPDS Low
P1256 Pedal Correlation PDS1 and HPDS
P1257 Pedal Correlation PDS2 and HPDS
P1258 Pedal Correlation PDS1 and PDS2
P1259 Immobilizer to PCM Signal Error
P1260 THEFT Detected, Vehicle Immobilized
P1261 Cylinder #1 High To Low Side Short
P1262 Cylinder #2 High To Low Side Short
P1263 Cylinder #3 High To Low Side Short
P1264 Cylinder #4 High To Low Side Short

OBDII Powertrain (P) Codes

P1265 Cylinder #5 High To Low Side Short
P1266 Cylinder #6 High To Low Side Short
P1267 Cylinder #7 High To Low Side Short
P1268 Cylinder #8 High To Low Side Short
P1269 Immobilizer Code Not Programmed
P1270 Engine RPM Or Speed Limiter Reached
P1271 Cylinder #1 High To Low Side Open
P1272 Cylinder #2 High To Low Side Open
P1273 Cylinder #3 High To Low Side Open
P1274 Cylinder #4 High To Low Side Open
P1275 Cylinder #5 High To Low Side Open
P1276 Cylinder #6 High To Low Side Open
P1277 Cylinder #7 High To Low Side Open
P1278 Cylinder #8 High To Low Side Open
P1280 Injection Control Pressure Out Of Range Low
P1281 Injection Control Pressure Out Of Range High
P1282 Excessive Injection Control Pressure
P1283 IPR Circuit Failure
P1284 Aborted KOER - ICP Failure
P1285 Cylinder head over temp sensed
P1286 Fuel Pulse In Range But Lower Than Expected
P1287 Fuel Pulse In Range But Higher Than Expected
P1288 Cylinder Head Temp Sensor Out Of Self Test Range
P1289 Cylinder Head Temp Sensor High Input
P1290 Cylinder Head Temp Sensor Low Input
P1291 Injector High Side Short To GND Or VBATT - Bank 1
P1292 Injector High Side Short To GND Or VBATT - Bank 2
P1293 Injector High Side Open - Bank 1
P1294 Injector High Side Open - Bank 2/Target idle not reached
P1295 Multi-faults - Bank 1 - With Low Side Shorts
P1296 Multi-faults - Bank 2 - With Low Side Shorts
P1297 Injector High Sides Shorted Together
P1298 IDM Failure
P1299 Cylinder Head Overtemperature Protection Active

P1300-P1399 – Ignition System or Misfire

Code Description

P1300 Boost Calibration Fault
P1301 Boost Calibration High
P1302 Boost Calibration Low
P1303 EGR Calibration Fault
P1304 EGR Calibration High
P1305 EGR Calibration Low
P1306 Kickdown Relay Pull - In Circuit Fault
P1307 Kickdown Relay Hold Circuit Fault
P1308 A/C Clutch Circuit Fault
P1309 Misfire Monitor AICE Chip Fault
P1313 Misfire Rate Catalyst Damage Fault - Bank 1
P1314 Misfire Rate Catalyst Damage Fault - Bank 2
P1315 Persistent Misfire
P1316 Injector Circuit / IDM Codes Detected
P1317 Injector Circuit / IDM Codes Not Updated
P1336 Crank / Cam Sensor Range / Performance
P1340 Camshaft Position Sensor B Circuit Malfunction
P1341 Camshaft Position Sensor B Range / Performance
P1345 SGC (Cam Position) Sensor Circuit Malfunction/ Crankshaft Position - Camshaft Position Correlation
P1346 Fuel Level Sensor B Circuit Malfunction
P1347 Fuel Level Sensor B Range / Performance
P1348 Fuel Level Sensor B Circuit Low
P1349 Fuel Level Sensor B Circuit High
P1350 Fuel Level Sensor B Intermittent/Bypass Line Monitor
P1351 IDM Input Circuit Malfunction/ Ignition Coil Control Circuit High Voltage

OBDII Powertrain (P) Codes

P1352 Ignition Coil A Primary Circuit Malfunction
P1353 Ignition Coil B Primary Circuit Malfunction
P1354 Ignition Coil C Primary Circuit Malfunction
P1355 Ignition Coil D Primary Circuit Malfunction
P1360 Ignition Coil A Secondary Circuit Malfunction
P1361 Ignition Control (IC) Circuit Low Voltage
P1362 Ignition Coil C Secondary Circuit Malfunction
P1363 Ignition Coil D Secondary Circuit Malfunction
P1364 Ignition Coil Primary Circuit Failure
P1365 Ignition Coil Secondary Circuit Failure
P1366 Ignition Spare
P1367 Ignition Spare
P1368 Ignition Spare
P1369 Engine Temperature Light Monitor Failure
P1370 Insufficient RMP Increase During Spark Test
P1371 Ignition Coil - Cylinder 1 - Early Activation Fault
P1372 Ignition Coil - Cylinder 2 - Early Activation Fault
P1373 Ignition Coil - Cylinder 3 - Early Activation Fault
P1374 Crankshaft Position (CKP)/Ignition Coil - Cylinder 4 - Early Activation Fault
P1375 Ignition Coil - Cylinder 5 - Early Activation Fault
P1376 Ignition Coil - Cylinder 6 - Early Activation Fault
P1380 Misfire Detected - Rough Road Data Not Available
P1381 Variable Cam Timing Overadvanced (Bank #1)/ Misfire Detected - No Communication with BCM
P1382 Variable Cam Timing Solenoid #1 Circuit Malfunction
P1383 Variable Cam Timing Overretarded (Bank #1)
P1384 VVT Solenoid A Malfunction
P1385 Variable Cam Timing Solenoid B Malfunction
P1386 Variable Cam Timing Overadvanced (Bank #2)
P1387 Variable Cam Timing Solenoid #2 Circuit Malfunction
P1388 Variable Cam Timing Overretarded (Bank #2)
P1389 Glow Plug Circuit High Side Low Input
P1390 Octane Adjust Pin Out Of Self Test Range
P1391 Glow Plug Circuit Low Input (Bank #1)
P1392 Glow Plug Circuit High Input (Bank #1)
P1393 Glow Plug Circuit Low Input (Bank #2)
P1394 Glow Plug Circuit High Input (Bank #2)
P1395 Glow Plug Monitor Fault (Bank #1)
P1396 Glow Plug Monitor Fault (Bank #2)
P1397 System Voltage Out Of Self Test Range
P1398 VVT Solenoid B Circuit High Input
P1399 Glow Plug Circuit High Side, High Input

P1400-P1499 – Auxiliary Emission Controls

Code Description

P1400 DPFE Circuit Low Input
P1401 DPFE Circuit High Input
P1402 EGR Metering Orifice Restricted
P1403 DPFE Sensor Hoses Reversed
P1404 IAT - B Circuit Malfunction/ Exhaust Gas Recirculation Closed Position Performance
P1405 DPFE Sensor Upstream Hose Off Or Plugged
P1406 Exhaust Gas Recirculation (EGR) Position Sensor Performance
P1407 EGR No Flow Detected
P1408 EGR Flow Out Of Self Test Range
P1409 EVR Control Circuit Malfunction
P1411 SAI System Incorrect Downstream Flow Detected
P1413 SAI System Monitor Circuit Low Input
P1414 SAI System Monitor Circuit High Input
P1415 Air Pump Circuit Malfunction/ (AIR) System Bank 1
P1416 Port Air Circuit Malfunction/ (AIR) System Bank 2
P1417 Port Air Relief Circuit Malfunction
P1418 Split Air #1 Circuit Malfunction
P1419 Split Air #2 Circuit Malfunction
P1420 Catalyst Temperature Sensor Failure

OBDII Powertrain (P) Codes

P1421 Catalyst Damage
P1422 EGI Temperature Sensor Failure
P1423 EGI Functionality Test Failed
P1424 EGI Glow Plug Primary Failure
P1425 EGI Glow Plug Secondary Failure
P1426 EGI Mini - MAF Failed Out Of Range
P1427 EGI Mini - MAF Failed Short Circuit
P1428 EGI Mini - MAF Failed Open Circuit
P1429 Electric Air Pump Primary Failure
P1430 Electric Air Pump Secondary Failure
P1433 A/C Refrigerant Temperature Circuit Low
P1434 A/C Refrigerant Temperature Circuit High
P1435 A/C Refrigerant Temperature Circuit Range/Performance
P1436 A/C Evaporator Air Temperature Circuit Low
P1437 A/C Evaporator Air Temperature Circuit High
P1438 A/C Evaporator Air Temperature Circuit Range/Performance
P1439 Floor Temperature Switch Circuit Malfunction
P1440 Purge Valve Stuck Open
P1441 Evaporative Emission (EVAP) System Flow During Non-Purge Chevrolet Only
P1441 Evaporative Emission (EVAP) System Flow During Non-Purge Oldsmobile Only
P1442 Evaporative Emission Control System Leak Detected
P1443 Evaporative Emission Control System Control Valve
P1444 Purge Flow Sensor Circuit Low Input
P1445 Purge Flow Sensor Circuit High Input
P1446 Evaporative Vac Solenoid Circuit Malfunction
P1447 ELC System Closure Valve Flow Fault
P1448 ELC System 2 Fault
P1449 Evaporative Check Solenoid Circuit Malfunction
P1450 Unable To Bleed Up Fuel Tank Vacuum
P1451 Evap Emission Control Sys Vent Control Valve Circuit
P1452 Unable To Bleed - Up Vacuum in Tank
P1453 Fuel Tank Pressure Relief Valve Malfunction
P1454 Evaporative System Vacuum Test Malfunction
P1455 Evap Emission Control Sys Leak Detected (Gross Leak/No Flow)
P1456 Fuel Tank Temperature Sensor Circuit Malfunction
P1457 Unable To Pull Vacuum In Tank
P1460 Wide open throttle A/C cutoff relay circuit
P1461 A/C pressure sensor circuit voltage low
P1462 A/C pressure sensor circuit voltage high
P1463 A/C Pressure Sensor Insufficient Pressure Change
P1464 A/C Demand Out of Self Test Range
P1465 A/C Relay Circuit Malfunction
P1466 A/C Refrigerant Temperature Sensor/Circuit Malfunction
P1467 A/C Compressor Temperature Sensor Malfunction
P1468 SSPOD Open Circuit or Closed Circuit Fault
P1469 Low A/C Cycling Period
P1470 A/C Cycling Period Too Short
P1471 Electrodrive Fan 1 Operational Failure (Driver Side)
P1472 Electrodrive Fan 2 Operational Failure (Passenger Side)
P1473 Fan Secondary High With Fan(s) Off
P1474 Low Fan Control Primary Circuit Malfunction
P1475 Fan Relay (Low) Circuit Malfunction
P1476 Fan Relay (High) Circuit Malfunction
P1477 Additional Fan Relay Circuit Malfunction
P1478 Cooling Fan Driver Fault
P1479 High Fan Control Primary Circuit Malfunction
P1480 Fan Secondary Low with Low Fan On
P1481 Fan Secondary Low With High Fan On
P1482 SCP
P1483 Power To Fan Circuit Overcurrent
P1484 Open Power To Ground VCRM
P1485 EGRV Circuit Malfunction
P1486 EGRA Circuit Malfunction
P1487 EGRCHK Solenoid Circuit Malfunction
P1490 Secondary Air Relief Solenoid Circuit Malfunction
P1491 Secondary Switch Solenoid Circuit Malfunction
P1492 APLSOL Solenoid Circuit Malfunction

OBDII Powertrain (P) Codes

P1493 RCNT Solenoid Circuit Malfunction
P1494 SPCUT Solenoid Circuit Malfunction
P1495 TCSPL Solenoid Circuit Malfunction

P1500-P1599 – Vehicle Speed, Idle Control and Auxiliary Inputs

Code Description

P1500 Vehicle Speed Sensor Intermittent
P1501 Vehicle Speed Sensor Out Of Self Test Range
P1502 Vehicle Speed Sensor Intermittent Malfunction
P1503 Auxillary Speed Sensor Fault
P1504 Idle Air Control Circuit Malfunction
P1505 Idle Air Control System At Adaptive Clip
P1506 Idle Air Control Overspeed Error
P1507 Idle Air Control Underspeed Error
P1508 Idle Control System Circuit Open
P1509 Idle Control System Circuit Shorted
P1510 Idle Signal Circuit Malfunction
P1511 Idle Switch (Electric Control Throttle) Circuit Malfunction
P1512 Intake Manifold Runner Control (Bank 1) Stuck Closed
P1513 Intake Manifold Runner Control (Bank 2) Stuck Closed
P1514 High Load Neutral/Drive Fault
P1515 Electric Current Circuit Malfunction
P1516 IMRC Input Error (Bank 1)
P1517 IMRC Input Error (Bank 2)
P1518 Intake Manifold Runner Control (Stuck Open)
P1519 Intake Manifold Runner Control (Stuck Closed)
P1520 Intake Manifold Runner Control Circuit Malfunction
P1521 Variable Intake Solenoid #1 Circuit Malfunction
P1522 Variable Intake Solenoid #2 Circuit Malfunction
P1523 IVC Solenoid Circuit Malfunction
P1524 Variable Intake Solenoid System
P1525 Air Bypass Valve System
P1526 Air Bypass System
P1527 Accelerate Warmup Solenoid Circuit Malfunction
P1528 Subsidiary Throttle Valve Solenoid Circuit Malfunction
P1529 SCAIR Solenoid Circuit Malfunction
P1530 A/C Clutch Circuit Malfunction
P1531 Invalid Test - Accelerator Pedal Movement
P1532 IMCC Circuit Malfunction, Bank B
P1533 AAI Circuit Malfunction
P1534 Inertia Switch Activated
P1535 Blower Fan Speed Circuit Range/Performance
P1536 Parking Brake Switch Circuit Failure
P1537 Intake Manifold Runner Control (Bank 1) Stuck Open
P1538 Intake Manifold Runner Control (Bank 2) Stuck Open

P1539 Power To A/C Clutch Circuit Overcurrent
P1540 Air Bypass Valve Circuit Malfunction
P1549 IMCC Circuit Malfunction, Bank B
P1550 PSPS Out Of Self Test Range
P1565 Speed Control Command Switch Out of Range High
P1566 Speed Control Command Switch Out of Range Low
P1567 Speed Control Output Circuit Continuity
P1568 Speed Control Unable to Hold Speed
P1571 Brake Switch Malfunction
P1572 Brake Pedal Switch Circuit Malfunction
P1573 Throttle Position Not Available
P1574 Throttle Position Sensor Disagreement btwn Sensors

OBDII Powertrain (P) Codes

P1575 Pedal Position Out of Self Test Range
P1576 Pedal Position Not Available
P1577 Pedal Position Sensor Disagreement btwn Sensors
P1578 ETC Power Less Than Demand
P1579 ETC In Power Limiting Mode
P1580 Electronic Throttle Monitor PCM Override
P1581 Electronic Throttle Monitor Malfunction
P1582 Electronic Throttle Monitor Data Available
P1583 Electronic Throttle Monitor Cruise Disable
P1584 TCU Detected IPE Circuit Malfunction
P1585 Throttle Control Unit Malfunction
P1586 Throttle Control Unit Throttle Position Malfunction
P1587 Throttle Control Unit Modulated Command Malfunction
P1588 Throttle Control Unit Detected Loss of Return Spring
P1589 TCU Unable To Control Desired Throttle Angle

P1600-P1699 – Computer Output Circuit

Code Description

P1600 Loss of KAM Power; Open Circuit
P1601 ECM/TCM Serial Communication Error
P1602 Immobilizer/ECM Communication Error
P1603 EEPROM Malfunction
P1604 Code Word Unregistered
P1605 Keep Alive Memory Test Failure
P1606 ECM Control Relay O/P Circuit Malfunction
P1607 MIL O/P Circuit Malfunction
P1608 Internal ECM Malfunction
P1609 Diagnostic Lamp Driver Fault
P1610 SBDS Interactive Codes
P1611 SBDS Interactive Codes
P1612 SBDS Interactive Codes
P1613 SBDS Interactive Codes
P1614 SBDS Interactive Codes
P1615 SBDS Interactive Codes
P1616 SBDS Interactive Codes
P1617 SBDS Interactive Codes
P1618 SBDS Interactive Codes
P1619 SBDS Interactive Codes
P1620 SBDS Interactive Codes
P1621 Control Module Long Term Memory Performance/ Immobilizer Code Words Do Not Match
P1622 Immobilizer ID Does Not Match
P1623 Immobilizer Code Word/ID Number Write Failure
P1624 Anti Theft System
P1625 B+ Supply To VCRM Fan Circuit Malfunction
P1626 Theft Deterrent Fuel Enable Signal Not Received/ B+ Supply To VCRM A/C Circuit Malfunction
P1627 Module Supply Voltage Out Of Range
P1628 Module Ignition Supply Input Malfunction
P1629 Internal Voltage Regulator Malfunction
P1630 Internal Vref Malfunction
P1631 Theft Deterrent Start Enable Signal Not Correct/ Main Relay Malfunction (Power Hold)
P1632 Smart Alternator Faults Sensor/Circuit Malfunction
P1633 KAM Voltage Too Low
P1634 Data Output Link Circuit Failure
P1635 Tire / Axle Ratio Out of Acceptable Range
P1636 Inductive Signature Chip Communication Error
P1637 Can Link ECM/ABSCM Circuit / Network Malfunction
P1638 Can Link ECM/INSTM Circuit / Network Malfunction
P1639 Vehicle ID Block Corrupted or Not Programmed
P1640 Powertrain DTCs Available in Another Module
P1641 Fuel Pump Primary Circuit Failure
P1642 Fuel Pump Monitor Circuit High Input
P1643 Fuel Pump Monitor Circuit Low Input
P1644 Fuel Pump Speed Control Circuit Malfunction

OBDII Powertrain (P) Codes

P1645 Fuel Pump Resistor Switch Circuit Malfunction
P1650 PSP Switch Out of Self Test Range
P1651 PSP Switch Input Malfunction
P1652 IAC Monitor Disabled by PSP Switch Failed On
P1653 Power Steering Output Circuit Malfunction
P1654 Recirculation Override Circuit Malfunction
P1655 Starter Disable Circuit Malfunction
P1660 Output Circuit Check Signal High
P1661 Output Circuit Check Signal Low
P1662 IDM_EN Circuit Failure
P1663 Fuel Demand Command Signal Circuit Malfunction
P1667 CI Circuit Malfunction
P1668 PCM - IDM Communications Error
P1670 Electronic Feedback Signal Not Detected
P1680 Metering Oil Pump Malfunction
P1681 Metering Oil Pump Malfunction
P1682 Metering Oil Pump Malfunction
P1683 Metering Oil Pump Temperature Sensor Circuit Malfunction
P1684 Metering Oil Pump Position Sensor Circuit Malfunction
P1685 Metering Oil Pump Stepping Motor Circuit Malfunction
P1686 Metering Oil Pump Stepping Motor Circuit Malfunction
P1687 Metering Oil Pump Stepping Motor Circuit Malfunction
P1688 Metering Oil Pump Stepping Motor Circuit Malfunction
P1689 Oil Pressure Control Solenoid Circuit Malfunction
P1690 Wastegate Solenoid Circuit Malfunction
P1691 Turbo Pressure Control Solenoid Circuit Malfunction
P1692 Turbo Control Solenoid Circuit Malfunction
P1693 Turbo Charge Control Circuit Malfunction
P1694 Turbo Charge Relief Circuit Malfunction

P1700-P1799 – Transmission

Code Description

P1700 Transmission Indeterminate Failure (Failed to Neutral)
P1701 Reverse Engagement Error
P1702 TRS Circuit Intermittent Malfunction
P1703 Brake Switch Out Of Self Test Range
P1704 Digital TRS Failed to Transition States in KOEO / KOER
P1705 Not in P or N During KOEO / KOER
P1706 High Vehicle Speed Observed in Park
P1707 Transfer Case Neutral Indicator Hard Fault Present
P1708 Clutch Switch Circuit Malfunction
P1709 PNP Switch Out Of Self Test Range
P1711 TFT Sensor Out Of Self Test Range
P1712 Trans Torque Reduction Request Signal Malfunction
P1713 TFT Sensor In Range Failure Low Value
P1714 SSA Inductive Signature Malfunction
P1715 SSB Inductive Signature Malfunction
P1716 SSC Inductive Signature Malfunction
P1717 SSD Inductive Signature Malfunction
P1718 TFT Sensor In Range Failure High
P1720 Vehicle Speed (Meter) Circuit Malfunction
P1721 Gear 1 Incorrect Ratio
P1722 Gear 2 Incorrect Ratio
P1723 Gear 3 incorrect Ratio
P1724 Gear 4 Incorrect Ratio
P1725 Insufficient Engine Speed Increase During Self Test
P1726 Insufficient Engine Speed Decrease During Self Test
P1727 Coast Clutch Solenoid Inductive Signature Malfunction
P1728 Transmission Slip Error
P1729 4x4 Low Switch Error
P1730 Gear Control Malfunction 2,3,5
P1731 1-2 Shift Malfunction
P1732 2-3 Shift Malfunction

OBDII Powertrain (P) Codes

P1733 3-4 Shift Malfunction
P1734 Gear Control Malfunction
P1735 First Gear Switch Circuit Malfunction
P1736 Second Gear Switch Circuit Malfunction
P1737 Lockup Solenoid System
P1738 Shift Time Error
P1739 Slip Solenoid System
P1740 Torque Converter Clutch Inductive Signature Malfunction
P1741 Torque Converter Clutch Control Error
P1742 Torque Converter Clutch Solenoid Failed On
P1743 Torque Converter Clutch Solenoid Failed On
P1744 Torque Converter Clutch System Performance
P1745 Line Pressure Solenoid System
P1746 Pressure Control Solenoid "A" Open Circuit
P1747 Pressure Control Solenoid "A" Short Circuit
P1748 EPC Malfunction
P1749 Pressure Control Solenoid Failed Low
P1751 Shift Solenoid A Performance
P1754 Coast Clutch Solenoid Circuit Malfunction
P1755 Intermediate Speed Sensor (ISS) Malfunction
P1756 Shift Solenoid B Performance
P1760 Pressure Control Solenoid "A" Short Circuit
P1761 Shift Solenoid C Performance
P1762 Overdrive Band Failed Off
P1765 Timing Solenoid Circuit Malfunction
P1767 Torque Converter Clutch Circuit Malfunction
P1768 Performance / Normal / Winter Mode Input Malfunction
P1769 AG4 Transmission Torque Modulation Fault
P1770 Clutch Solenoid Circuit Malfunction
P1775 Transmission System MIL Fault
P1776 Ignition Retard Request Duration Fault
P1777 Ignition Retard Request Circuit Fault
P1778 Transmission Reverse I/P Circuit Malfunction
P1779 TCIL Circuit Malfunction
P1780 Trans Control Switch (O/D Cancel) Out of Self Test Range
P1781 4X4 Switch Out of Self Test Range
P1782 P/ES Circuit Out Of Self Test Range
P1783 Transmission Overtemperature Condition
P1784 Transmission Mechanical Failure - First And Reverse
P1785 Transmission Mechanical Failure - First And Second
P1786 3-2 Downshift Error
P1787 2-1 Downshift Error
P1788 Pressure Control Solenoid "B" Open Circuit
P1789 Pressure Control Solenoid "B" Short Circuit
P1790 TP (Mechanical) Circuit Malfunction
P1791 TP (Electric) Circuit Malfunction
P1792 Barometer Pressure Circuit Malfunction
P1793 Intake Air Volume Circuit Malfunction
P1794 Battery Voltage Circuit Malfunction
P1795 Idle Switch Circuit Malfunction
P1796 Kick Down Switch Circuit Malfunction
P1797 Neutral Switch Circuit Malfunction
P1798 Coolant Temperature Circuit Malfunction
P1799 Hold Switch Circuit Malfunction

P1800-P1899 – Transmission

Code Description

P1800 Transmission Clutch Interlock Safety Switch Circuit Failure
P1801 Transmission Clutch Interlock Safety Switch Open Circuit
P1802 Transmission Clutch Interlock Safety Switch Short Circuit To Battery
P1803 Transmission Clutch Interlock Safety Switch Short Circuit To Ground
P1804 Transmission 4-Wheel Drive High Indicator Circuit Failure
P1805 Transmission 4-Wheel Drive High Indicator Open Circuit

OBDII Powertrain (P) Codes

P1806 Transmission 4-Wheel Drive High Indicator Short Circuit To Battery
P1807 Transmission 4-Wheel Drive High Indicator Short Circuit To Ground
P1808 Transmission 4-Wheel Drive Low Indicator Circuit Failure
P1809 Transmission 4-Wheel Drive Low Indicator Open Circuit
P1810 TFP Valve Position Switch Circuit/ Transmission 4-Wheel Drive Low Indicator Short Circuit To Battery
P1811 Transmission 4-Wheel Drive Low Indicator Short Circuit To Ground
P1812 Transmission 4-Wheel Drive Mode Select Circuit Failure
P1813 Transmission 4-Wheel Drive Mode Select Open Circuit
P1814 Transmission 4-Wheel Drive Mode Select Short Circuit To Battery
P1815 Transmission 4-Wheel Drive Mode Select Short Circuit To Ground
P1816 Transmission Neutral Safety Switch Circuit Failure
P1817 Transmission Neutral Safety Switch Open Circuit
P1818 Transmission Neutral Safety Switch Short Circuit To Battery
P1819 Transmission Neutral Safety Switch Short Circuit To Ground
P1820 Transmission Transfer Case Clockwise Shift Relay Coil Circuit Failure
P1821 Transmission Transfer Case Clockwise Shift Relay Coil Open Circuit
P1822 Transmission Transfer Case Clockwise Shift Relay Coil Short Circuit To Battery
P1823 Transmission Transfer Case Clockwise Shift Relay Coil Short Circuit To Ground
P1824 Transmission 4-Wheel Drive Clutch Relay Circuit Failure
P1825 Transmission 4-Wheel Drive Clutch Relay Open Circuit
P1826 Transmission 4-Wheel Drive Low Clutch Relay Circuit To Battery
P1827 Transmission 4-Wheel Drive Low Clutch Relay Circuit To Ground
P1828 Transmission Transfer Case Counter Clockwise Shift Relay Coil Circuit Failure
P1829 Transmission Transfer Case Counter Clockwise Shift Relay Coil Open Circuit
P1830 Transmission Transfer Case Counter Clockwise Shift Relay Coil Short Circuit To Battery
P1831 Transmission Transfer Case Counter Clockwise Shift Relay Coil Short Circuit To Ground
P1832 Transmission Transfer Case Differential Lock-Up Solenoid Circuit Failure
P1833 Transmission Transfer Case Differential Lock-Up Solenoid Open Circuit
P1834 Transmission Transfer Case Differential Lock-Up Solenoid Short Circuit To Battery
P1835 Transmission Transfer Case Differential Lock-Up Solenoid Short Circuit To Ground
P1836 Transmission Transfer Case Front Shaft Speed Sensor Circuit Failure
P1837 Transmission Transfer Case Rear Shaft Speed Sensor Circuit Failure
P1838 Transmission Transfer Case Shift Motor Circuit Failure
P1839 Transmission Transfer Case Shift Motor Open Circuit
P1840 Transmission Transfer Case Shift Motor Short Circuit To Battery
P1841 Transmission Transfer Case Shift Motor Short Circuit To Ground
P1842 Transmission Transfer Case Differential Lock-Up Feedback Switch Circuit Failure
P1843 Transmission Transfer Case Differential Lock-Up Feedback Switch Open Circuit
P1844 Transmission Transfer Case Differential Lock-Up Feedback Switch Short Circuit To Battery
P1845 Transmission Transfer Case Differential Lock-Up Feedback Switch Short Circuit To Ground
P1846 Transmission Transfer Case Contact Plate 'A' Circuit Failure
P1847 Transmission Transfer Case Contact Plate 'A' Open Circuit
P1848 Transmission Transfer Case Contact Plate 'A' Short Circuit To Battery
P1849 Transmission Transfer Case Contact Plate 'A' Short Circuit To Ground
P1850 Transmission Transfer Case Contact Plate 'B' Circuit Failure
P1851 Transmission Transfer Case Contact Plate 'B' Open Circuit
P1852 Transmission Transfer Case Contact Plate 'B' Short Circuit To Battery
P1853 Transmission Transfer Case Contact Plate 'B' Short Circuit To Ground
P1854 Transmission Transfer Case Contact Plate 'C' Circuit Failure
P1855 Transmission Transfer Case Contact Plate 'C' Open Circuit
P1856 Transmission Transfer Case Contact Plate 'C' Short Circuit To Battery
P1857 Transmission Transfer Case Contact Plate 'C' Short Circuit To Ground
P1858 Transmission Transfer Case Contact Plate 'D' Circuit Failure
P1859 Transmission Transfer Case Contact Plate 'D' Open Circuit
P1860 TCC PWM Solenoid Circuit Electrical/ Transmission Transfer Case Contact Plate 'D' Short Circuit To Battery
P1861 Transmission Transfer Case Contact Plate 'D' Short Circuit To Ground
P1862 Transmission Transfer Case Contact Plate Power Circuit Failure
P1863 Transmission Transfer Case Contact Plate Power Open Circuit
P1864 Transmission Transfer Case Contact Plate Power Short To Battery
P1865 Transmission Transfer Case Contact Plate Power Short To Ground
P1866 Transmission Transfer Case System Concern - Servicing Required
P1867 Transmission Transfer Case Contact Plate General Circuit Failure
P1868 Transmission Automatic 4-Wheel Drive Indicator (Lamp) Circuit Failure
P1869 Transmission Automatic 4-Wheel Drive Indicator (Lamp) Circuit Short To Battery
P1870 Transmission Component Slipping/ Transmission Mechanical Transfer Case 4x4 Switch Circuit

OBDII Powertrain (P) Codes

Failure

P1871 Transmission Mechanical Transfer Case 4x4 Switch Circuit Short To Battery
P1872 Transmission Mechanical 4-Wheel Drive Axle Lock Lamp Circuit Failure
P1873 Transmission Mechanical 4-Wheel Drive Axle Lock Lamp Circuit Short To Battery
P1874 Transmission Automatic Hall Effect Sensor Power Circuit Failure
P1875 Transmission Automatic Hall Effect Sensor Power Circuit Short To Battery / 4WD Low Switch Circuit Electrical
P1876 Transmission Transfer Case 2-Wheel Drive Solenoid Circuit Failure
P1877 Transmission Transfer Case 2-Wheel Drive Solenoid Circuit Short To Battery
P1878 Transmission Transfer Case Disengaged Solenoid Circuit Failure
P1879 Transmission Transfer Case Disengaged Solenoid Open Circuit
P1880 Transmission Transfer Case Disengaged Solenoid Short to Battery
P1881 Engine Coolant Level Switch Circuit Failure, GEM
P1882 Engine Coolant Level Switch Circuit Short to Ground
P1883 Engine Coolant Level Switch Circuit Failure, GEM
P1884 Engine Coolant Level Lamp Circuit Short to Ground
P1885 Transmission Transfer Case Disengaged Solenoid Short to Ground
P1886 4X4 Initialization Failure
P1890 Transmission 4WD Mode Select Return Input Circuit Failure
P1891 Transmission Transfer Case Contact Plate Ground Return Open Circuit

P1900-P1999 – Transmission

Code Description

P1900 OSS Circuit Intermittent Malfunction
P1901 TSS Circuit Intermittent Malfunction
P1902 Pressure Control Solenoid "B" Intermittent Short
P1903 Pressure Control Solenoid "C" Short Circuit
P1904 Pressure Control Solenoid "C" Open Circuit
P1905 Pressure Control Solenoid "C" Intermittent Short
P1906 Kickdown Pull Relay Open or Short Circuit to Ground
P1907 Kickdown Hold Relay Open or Short Circuit to Ground
P1908 Transmission Pressure Circuit Solenoid Open or Short to Ground
P1909 Trans Temp Sensor Circuit Open or Shorted to Pwr or Gnd
P1910 VFS A Pressure Output Failed Low
P1911 VFS B Pressure Output Failed Low
P1912 VFS C Pressure Output Failed Low
P1913 Pressure Switch A Circuit Malfunction
P1914 Manually Shifted Automatic (MSA) Sw Circuit Malf
P1915 Reverse Switch Circuit Malfunction
P1916 High Clutch Drum Speed Sensor Malfunction
P1917 High Clutch Drum Speed Sensor Intermittent
P1918 Transmission Range Display Circuit Malfunction

SAE Controlled DTC's

P2000-P2099 – Fuel and Air Metering and Auxiliary Emission Controls

Code Description

P2000 NOx Trap Efficiency Below Threshold (Bank 1)
P2001 NOx Trap Efficiency Below Threshold (Bank 2)
P2002 Particulate Trap Efficiency Below Threshold (Bank 1)
P2003 Particulate Trap Efficiency Below Threshold (Bank 2)
P2004 Intake Manifold Runner Control Stuck Open (Bank 1)
P2005 Intake Manifold Runner Control Stuck Open (Bank 2)
P2006 Intake Manifold Runner Control Stuck Closed (Bank 1)
P2007 Intake Manifold Runner Control Stuck Closed (Bank 2)

OBDII Powertrain (P) Codes

P2008 Intake Manifold Runner Control Circuit/Open (Bank 1)
P2009 Intake Manifold Runner Control Circuit Low (Bank 1)
P2010 Intake Manifold Runner Control Circuit High (Bank 1)
P2011 Intake Manifold Runner Control Circuit/Open (Bank 2)
P2012 Intake Manifold Runner Control Circuit Low (Bank 2)
P2013 Intake Manifold Runner Control Circuit High (Bank 2)
P2014 Intake Manifold Runner Position Sensor/Switch Circuit (Bank 1)
P2015 Intake Manifold Runner Position Sensor/Switch Circuit Range/Performance (Bank 1)
P2016 Intake Manifold Runner Position Sensor/Switch Circuit Low (Bank 1)
P2017 Intake Manifold Runner Position Sensor/Switch Circuit High (Bank 1)
P2018 Intake Manifold Runner Position Sensor/Switch Circuit Intermittent (Bank 1)
P2019 Intake Manifold Runner Position Sensor/Switch Circuit (Bank 2)
P2020 Intake Manifold Runner Position Sensor/Switch Circuit Range/Performance (Bank 2)
P2021 Intake Manifold Runner Position Sensor/Switch Circuit Low (Bank 2)
P2022 Intake Manifold Runner Position Sensor/Switch Circuit High (Bank 2)
P2023 Intake Manifold Runner Position Sensor/Switch Circuit Intermittent (Bank 2)
P2024 Evaporative Emissions (EVAP) Fuel Vapor Temperature Sensor Circuit
P2025 Evaporative Emissions (EVAP) Fuel Vapor Temperature Sensor Performance
P2026 Evaporative Emissions (EVAP) Fuel Vapor Temperature Sensor Circuit Low Voltage
P2027 Evaporative Emissions (EVAP) Fuel Vapor Temperature Sensor Circuit High Voltage
P2028 Evaporative Emissions (EVAP) Fuel Vapor Temperature Sensor Circuit Intermittent
P2029 Fuel Fired Heater Disabled
P2030 Fuel Fired Heater Performance
P2031 Exhaust Gas Temperature Sensor Circuit (Bank 1 Sensor 2)
P2032 Exhaust Gas Temperature Sensor Circuit Low (Bank 1 Sensor 2)
P2033 Exhaust Gas Temperature Sensor Circuit High (Bank 1 Sensor 2)
P2034 Exhaust Gas Temperature Sensor Circuit (Bank 2 Sensor 2)
P2035 Exhaust Gas Temperature Sensor Circuit Low (Bank 2 Sensor 2)
P2036 Exhaust Gas Temperature Sensor Circuit High (Bank 2 Sensor 2)
P2037 Reductant Injection Air Pressure Sensor Circuit
P2038 Reductant Injection Air Pressure Sensor Circuit Range/Performance
P2039 Reductant Injection Air Pressure Sensor Circuit Low Input
P2040 Reductant Injection Air Pressure Sensor Circuit High Input
P2041 Reductant Injection Air Pressure Sensor Circuit Intermittent
P2042 Reductant Temperature Air Pressure Sensor Circuit
P2043 Reductant Temperature Air Pressure Sensor Circuit Range/Performance
P2044 Reductant Temperature Air Pressure Sensor Circuit Low Input
P2045 Reductant Temperature Air Pressure Sensor Circuit High Input
P2046 Reductant Temperature Air Pressure Sensor Circuit Intermittent
P2047 Reductant Injector Circuit/Open (Bank 1 Unit 1)
P2048 Reductant Injector Circuit Low (Bank 1 Unit 1)
P2049 Reductant Injector Circuit High (Bank 1 Unit 1)
P2050 Reductant Injector Circuit/Open (Bank 2 Unit 1)
P2051 Reductant Injector Circuit Low (Bank 2 Unit 1)
P2052 Reductant Injector Circuit High (Bank 2 Unit 1)
P2053 Reductant Injector Circuit/Open (Bank 1 Unit 2)
P2054 Reductant Injector Circuit Low (Bank 1 Unit 2)
P2055 Reductant Injector Circuit High (Bank 1 Unit 2)
P2056 Reductant Injector Circuit/Open (Bank 2 Unit 2)
P2057 Reductant Injector Circuit Low (Bank 2 Unit 2)
P2058 Reductant Injector Circuit High (Bank 2 Unit 2)
P2059 Reductant Injection Air Pump Control Circuit/Open
P2060 Reductant Injection Air Pump Control Circuit Low
P2061 Reductant Injection Air Pump Control Circuit High
P2062 Reductant Supply Control Circuit/Open
P2063 Reductant Supply Control Circuit Low
P2064 Reductant Supply Control Circuit High
P2065 Fuel Level Sensor B Circuit
P2066 Fuel Level Sensor B Performance
P2067 Fuel Level Sensor B Circuit Low
P2068 Fuel Level Sensor B Circuit High
P2069 Fuel Level Sensor B Circuit Intermittent
P2070 Intake Manifold Tuning (IMT) Valve Stuck Open
P2071 Intake Manifold Tuning (IMT) Valve Stuck Closed
P2075 Intake Manifold Tuning (IMT) Valve Position Sensor/Switch Circuit
P2076 Intake Manifold Tuning (IMT) Valve Position Sensor/Switch Circuit Range/Performance
P2077 Intake Manifold Tuning (IMT) Valve Position Sensor/Switch Circuit Low

OBDII Powertrain (P) Codes

P2078 Intake Manifold Tuning (IMT) Valve Position Sensor/Switch Circuit High
P2079 Intake Manifold Tuning (IMT) Valve Position Sensor/Switch Circuit Intermittent
P2080 Exhaust Gas Temperature Sensor Circuit Range/Performance (Bank 1 Sensor 1)
P2081 Exhaust Gas Temperature Sensor Circuit Intermittent (Bank 1 Sensor 1)
P2082 Exhaust Gas Temperature Sensor Circuit Range/Performance (Bank 2 Sensor 1)
P2083 Exhaust Gas Temperature Sensor Circuit Intermittent (Bank 2 Sensor 1)
P2084 Exhaust Gas Temperature Sensor Circuit Range/Performance (Bank 1 Sensor 2)
P2085 Exhaust Gas Temperature Sensor Circuit Intermittent (Bank 1 Sensor 2)
P2086 Exhaust Gas Temperature Sensor Circuit Range/Performance (Bank 2 Sensor 2)
P2087 Exhaust Gas Temperature Sensor Circuit Intermittent (Bank 2 Sensor 2)
P2088 A Camshaft Position Actuator Control Circuit Low (Bank 1)
P2089 A Camshaft Position Actuator Control Circuit High (Bank 1)
P2090 B Camshaft Position Actuator Control Circuit Low (Bank 1)
P2091 B Camshaft Position Actuator Control Circuit High (Bank 1)
P2092 A Camshaft Position Actuator Control Circuit Low (Bank 2)
P2093 A Camshaft Position Actuator Control Circuit High (Bank 2)
P2094 B Camshaft Position Actuator Control Circuit Low (Bank 2)
P2095 B Camshaft Position Actuator Control Circuit High (Bank 2)
P2096 Post Catalyst Fuel Trim System Too Lean (Bank 1)
P2097 Post Catalyst Fuel Trim System Too Rich (Bank 1)
P2098 Post Catalyst Fuel Trim System Too Lean (Bank 2)
P2099 Post Catalyst Fuel Trim System Too Rich (Bank 2)

P2100-P2199 – Fuel and Air Metering and Auxiliary Emission Controls

Code Description

P2100 Throttle Actuator Control Motor Circuit/Open
P2101 Throttle Actuator Control Motor Circuit Range/Performance
P2102 Throttle Actuator Control Motor Circuit Low
P2103 Throttle Actuator Control Motor Circuit High
P2104 Throttle Actuator Control System - Forced Idle
P2105 Throttle Actuator Control System - Forced Engine Shutdown
P2106 Throttle Actuator Control System - Forced Limited Power
P2107 Throttle Actuator Control Module Processor
P2108 Throttle Actuator Control Module Performance
P2109 Throttle/Pedal Position Sensor A Minimum Stop Performance
P2110 Throttle Actuator Control System - Forced Limited RPM
P2111 Throttle Actuator Control System - Stuck Open
P2112 Throttle Actuator Control System - Stuck Closed
P2113 Throttle/Pedal Position Sensor B Minimum Stop Performance
P2114 Throttle/Pedal Position Sensor C Minimum Stop Performance
P2115 Throttle/Pedal Position Sensor D Minimum Stop Performance
P2116 Throttle/Pedal Position Sensor E Minimum Stop Performance
P2117 Throttle/Pedal Position Sensor F Minimum Stop Performance
P2118 Throttle Actuator Control Motor Current Range/Performance
P2119 Throttle Actuator Control Throttle Body Range/Performance
P2120 Throttle/Pedal Position Sensor/Switch D Circuit
P2121 Throttle/Pedal Position Sensor/Switch D Circuit Range/Performance
P2122 Throttle/Pedal Position Sensor/Switch D Circuit Low Input
P2123 Throttle/Pedal Position Sensor/Switch D Circuit High Input
P2124 Throttle/Pedal Position Sensor/Switch D Circuit Intermittent
P2125 Throttle/Pedal Position Sensor/Switch E Circuit
P2126 Throttle/Pedal Position Sensor/Switch E Circuit Range/Performance
P2127 Throttle/Pedal Position Sensor/Switch E Circuit Low Input
P2128 Throttle/Pedal Position Sensor/Switch E Circuit High Input
P2129 Throttle/Pedal Position Sensor/Switch E Circuit Intermittent
P2130 Throttle/Pedal Position Sensor/Switch F Circuit
P2131 Throttle/Pedal Position Sensor/Switch F Circuit Range/Performance
P2132 Throttle/Pedal Position Sensor/Switch F Circuit Low Input
P2133 Throttle/Pedal Position Sensor/Switch F Circuit High Input
P2134 Throttle/Pedal Position Sensor/Switch F Circuit Intermittent
P2135 Throttle/Pedal Position Sensor/Switch "A" /"B" Voltage Correlation
P2136 Throttle/Pedal Position Sensor/Switch "A" /"C" Voltage Correlation

OBDII Powertrain (P) Codes

P2137 Throttle/Pedal Position Sensor/Switch "B" /"C" Voltage Correlation
P2138 Throttle/Pedal Position Sensor/Switch "D" /"E" Voltage Correlation
P2139 Throttle/Pedal Position Sensor/Switch "D" /"F" Voltage Correlation
P2140 Throttle/Pedal Position Sensor/Switch "E" /"F" Voltage Correlation
P2141 Exhaust Gas Recirculation Throttle Control Circuit Low
P2142 Exhaust Gas Recirculation Throttle Control Circuit High
P2143 Exhaust Gas Recirculation Vent Control Circuit/Open
P2144 Exhaust Gas Recirculation Vent Control Circuit Low
P2145 Exhaust Gas Recirculation Vent Control Circuit High
P2146 Fuel Injector Group "A" Supply Voltage Circuit/Open
P2147 Fuel Injector Group "A" Supply Voltage Circuit Low
P2148 Fuel Injector Group "A" Supply Voltage Circuit High
P2149 Fuel Injector Group "B" Supply Voltage Circuit/Open
P2150 Fuel Injector Group "B" Supply Voltage Circuit Low
P2151 Fuel Injector Group "B" Supply Voltage Circuit High
P2152 Fuel Injector Group "C" Supply Voltage Circuit/Open
P2153 Fuel Injector Group "C" Supply Voltage Circuit Low
P2154 Fuel Injector Group "C" Supply Voltage Circuit High
P2155 Fuel Injector Group "D" Supply Voltage Circuit/Open
P2156 Fuel Injector Group "D" Supply Voltage Circuit Low
P2157 Fuel Injector Group "D" Supply Voltage Circuit High
P2158 Vehicle Speed Sensor "B"
P2159 Vehicle Speed Sensor "B" Range/Performance
P2160 Vehicle Speed Sensor "B" Circuit Low
P2161 Vehicle Speed Sensor "B" Circuit Intermittent/Erratic
P2162 Vehicle Speed Sensor "A" / "B" Correlation
P2163 Throttle/Pedal Position Sensor "A" Maximum Stop Performance
P2164 Throttle/Pedal Position Sensor "B" Maximum Stop Performance
P2165 Throttle/Pedal Position Sensor "C" Maximum Stop Performance
P2166 Throttle/Pedal Position Sensor "D" Maximum Stop Performance
P2167 Throttle/Pedal Position Sensor "E" Maximum Stop Performance
P2168 Throttle/Pedal Position Sensor "F" Maximum Stop Performance
P2169 Exhaust Pressure Regulator Vent Solenoid Control Circuit/Open
P2170 Exhaust Pressure Regulator Vent Solenoid Control Circuit Low
P2171 Exhaust Pressure Regulator Vent Solenoid Control Circuit High
P2172 Throttle Actuator Control System – Sudden High Airflow Detected
P2173 Throttle Actuator Control System – High Airflow Detected
P2174 Throttle Actuator Control System – Sudden Low Airflow Detected
P2175 Throttle Actuator Control System – Low Airflow Detected
P2176 Throttle Actuator Control System – Idle Position Not Learned
P2177 System Too Lean Off Idle (Bank 1)
P2178 System Too Rich Off Idle (Bank 1)
P2179 System Too Lean Off Idle (Bank 2)
P2180 System Too Rich Off Idle (Bank 2)
P2181 Cooling System Performance
P2182 Engine Coolant Temperature Sensor 2 Circuit
P2183 Engine Coolant Temperature Sensor 2 Circuit Range/Performance
P2184 Engine Coolant Temperature Sensor 2 Circuit Low
P2185 Engine Coolant Temperature Sensor 2 Circuit High
P2186 Engine Coolant Temperature Sensor 2 Circuit Intermittent/Erratic
P2187 System Too Lean at Idle (Bank 1)
P2188 System Too Rich at Idle (Bank 1)
P2189 System Too Lean at Idle (Bank 2)
P2190 System Too Rich at Idle (Bank 2)
P2191 System Too Lean at Higher Load (Bank 1)
P2192 System Too Rich at Higher Load (Bank 1)
P2193 System Too Lean at Higher Load (Bank 2)
P2194 System Too Rich at Higher Load (Bank 2)
P2195 O2 Sensor Signal Stuck Lean (Bank 1 Sensor 1)
P2196 O2 Sensor Signal Stuck Rich (Bank 1 Sensor 1)
P2197 O2 Sensor Signal Stuck Lean (Bank 2 Sensor 1)
P2198 O2 Sensor Signal Stuck Rich (Bank 2 Sensor 1)
P2199 Intake Air Temperature Sensor 1 / 2 Correlation

OBDII Powertrain (P) Codes

P2200-P2299 – Fuel and Air Metering and Auxiliary Emission Controls

Code Description

P2200 NOx Sensor Circuit (Bank 1)
P2201 NOx Sensor Circuit Range/Performance (Bank 1)
P2202 NOx Sensor Circuit Low Input (Bank 1)
P2203 NOx Sensor Circuit High Input (Bank 1)
P2204 NOx Sensor Circuit Intermittent Input (Bank 1)
P2205 NOx Sensor Heater Control Circuit/Open (Bank 1)
P2206 NOx Sensor Heater Control Circuit Low (Bank 1)
P2207 NOx Sensor Heater Control Circuit High (Bank 1)
P2208 NOx Sensor Heater Sense Circuit (Bank 1)
P2209 NOx Sensor Heater Sense Circuit Range/Performance (Bank 1)
P2210 NOx Sensor Heater Sense Circuit Low Input (Bank 1)
P2211 NOx Sensor Heater Sense Circuit High Input (Bank 1)
P2212 NOx Sensor Heater Sense Circuit Intermittent (Bank 1)
P2213 NOx Sensor Circuit (Bank 2)
P2214 NOx Sensor Circuit Range/Performance (Bank 2)
P2215 NOx Sensor Circuit Low Input (Bank 2)
P2216 NOx Sensor Circuit High Input (Bank 2)
P2217 NOx Sensor Circuit Intermittent Input (Bank 2)
P2218 NOx Sensor Heater Control Circuit/Open (Bank 2)
P2219 NOx Sensor Heater Control Circuit Low (Bank 2)
P2220 NOx Sensor Heater Control Circuit High (Bank 2)
P2221 NOx Sensor Heater Sense Circuit (Bank 2)
P2222 NOx Sensor Heater Sense Circuit Range/Performance (Bank 2)
P2223 NOx Sensor Heater Sense Circuit Low Input (Bank 2)
P2224 NOx Sensor Heater Sense Circuit High Input (Bank 2)
P2225 NOx Sensor Heater Sense Circuit Intermittent (Bank 2)
P2226 Barometric Pressure Circuit
P2227 Barometric Pressure Circuit Range/Performance
P2228 Barometric Pressure Circuit Low
P2229 Barometric Pressure Circuit High
P2230 Barometric Pressure Circuit Intermittent
P2231 O2 Sensor Signal Circuit Shorted to Heater Circuit (Bank 1 Sensor 1)
P2232 O2 Sensor Signal Circuit Shorted to Heater Circuit (Bank 1 Sensor 2)
P2233 O2 Sensor Signal Circuit Shorted to Heater Circuit (Bank 1 Sensor 3)
P2234 O2 Sensor Signal Circuit Shorted to Heater Circuit (Bank 2 Sensor 1)
P2235 O2 Sensor Signal Circuit Shorted to Heater Circuit (Bank 2 Sensor 2)
P2236 O2 Sensor Signal Circuit Shorted to Heater Circuit (Bank 2 Sensor 3)
P2237 O2 Sensor Positive Current Circuit/Open (Bank 1 Sensor 1)
P2238 O2 Sensor Positive Current Circuit Low (Bank 1 Sensor 1)
P2239 O2 Sensor Positive Current Circuit High (Bank 1 Sensor 1)
P2240 O2 Sensor Positive Current Circuit/Open (Bank 2 Sensor 1)
P2241 O2 Sensor Positive Current Circuit Low (Bank 2 Sensor 1)
P2242 O2 Sensor Positive Current Circuit High (Bank 2 Sensor 1)
P2243 O2 Sensor Reference Voltage Circuit/Open (Bank 1 Sensor 1)
P2244 O2 Sensor Reference Voltage Performance (Bank 1 Sensor 1)
P2245 O2 Sensor Reference Voltage Circuit Low (Bank 1 Sensor 1)
P2246 O2 Sensor Reference Voltage Circuit High (Bank 1 Sensor 1)
P2247 O2 Sensor Reference Voltage Circuit/Open (Bank 2 Sensor 1)
P2248 O2 Sensor Reference Voltage Performance (Bank 2 Sensor 1)
P2249 O2 Sensor Reference Voltage Circuit Low (Bank 2 Sensor 1)
P2250 O2 Sensor Reference Voltage Circuit High (Bank 2 Sensor 1)
P2251 O2 Sensor Negative Current Control Circuit/Open (Bank 1 Sensor 1)
P2252 O2 Sensor Negative Current Control Circuit Low (Bank 1 Sensor 1)
P2253 O2 Sensor Negative Current Control Circuit High (Bank 1 Sensor 1)
P2254 O2 Sensor Negative Current Control Circuit/Open (Bank 2 Sensor 1)
P2255 O2 Sensor Negative Current Control Circuit Low (Bank 2 Sensor 1)
P2256 O2 Sensor Negative Current Control Circuit High (Bank 2 Sensor 1)
P2257 Secondary Air Injection System Control "A" Circuit Low
P2258 Secondary Air Injection System Control "A" Circuit High
P2259 Secondary Air Injection System Control "B" Circuit Low
P2260 Secondary Air Injection System Control "B" Circuit High
P2261 Turbo/Super Charger Bypass Valve - Mechanical
P2262 Turbo Boost Pressure Not Detected - Mechanical

OBDII Powertrain (P) Codes

P2263 Turbo/Super Charger Boost System Performance
P2264 Water in Fuel Sensor Circuit
P2265 Water in Fuel Sensor Circuit Range/Performance
P2266 Water in Fuel Sensor Circuit Low
P2267 Water in Fuel Sensor Circuit High
P2268 Water in Fuel Sensor Circuit Intermittent
P2269 Water in Fuel Condition
P2270 O2 Sensor Signal Stuck Lean (Bank 1 Sensor 2)
P2271 O2 Sensor Signal Stuck Rich (Bank 1 Sensor 2)
P2272 O2 Sensor Signal Stuck Lean (Bank 2 Sensor 2)
P2273 O2 Sensor Signal Stuck Rich (Bank 2 Sensor 2)
P2274 O2 Sensor Signal Stuck Lean (Bank 1 Sensor 3)
P2275 O2 Sensor Signal Stuck Rich (Bank 1 Sensor 3)
P2276 O2 Sensor Signal Stuck Lean (Bank 2 Sensor 3)
P2277 O2 Sensor Signal Stuck Rich (Bank 2 Sensor 3)
P2278 O2 Sensor Signals Swapped Bank 1 Sensor 3 / Bank 2 Sensor 3
P2279 Intake Air System Leak
P2280 Air Flow Restriction / Air Leak Between Air Filter and MAF
P2281 Air Leak Between MAF and Throttle Body
P2282 Air Leak Between Throttle Body and Intake Valves
P2283 Injector Control Pressure Sensor Circuit
P2284 Injector Control Pressure Sensor Circuit Range/Performance
P2285 Injector Control Pressure Sensor Circuit Low
P2286 Injector Control Pressure Sensor Circuit High
P2287 Injector Control Pressure Sensor Circuit Intermittent
P2288 Injector Control Pressure Too High
P2289 Injector Control Pressure Too High – Engine Off
P2290 Injector Control Pressure Too Low
P2291 Injector Control Pressure Too Low – Engine Cranking
P2292 Injector Control Pressure Erratic
P2293 Fuel Pressure Regulator 2 Performance
P2294 Fuel Pressure Regulator 2 Control Circuit
P2295 Fuel Pressure Regulator 2 Control Circuit Low
P2296 Fuel Pressure Regulator 2 Control Circuit High
P2297 O2 Sensor Out of Range During Deceleration (Bank 1 Sensor 1)
P2298 O2 Sensor Out of Range During Deceleration (Bank 2 Sensor 1)
P2299 Brake Pedal Position / Accelerator Pedal Position Incompatible

P2300-P2399 – Ignition System or Misfire

Code Description

P2300 Ignition Coil "A" Primary Control Circuit Low
P2301 Ignition Coil "A" Primary Control Circuit High
P2302 Ignition Coil "A" Secondary Circuit
P2303 Ignition Coil "B" Primary Control Circuit Low
P2304 Ignition Coil "B" Primary Control Circuit High
P2305 Ignition Coil "B" Secondary Circuit
P2306 Ignition Coil "C" Primary Control Circuit Low
P2307 Ignition Coil "C" Primary Control Circuit High
P2308 Ignition Coil "C" Secondary Circuit
P2309 Ignition Coil "D" Primary Control Circuit Low
P2310 Ignition Coil "D" Primary Control Circuit High
P2311 Ignition Coil "D" Secondary Circuit
P2312 Ignition Coil "E" Primary Control Circuit Low
P2313 Ignition Coil "E" Primary Control Circuit High
P2314 Ignition Coil "E" Secondary Circuit
P2315 Ignition Coil "F" Primary Control Circuit Low
P2316 Ignition Coil "F" Primary Control Circuit High
P2317 Ignition Coil "F" Secondary Circuit
P2318 Ignition Coil "G" Primary Control Circuit Low
P2319 Ignition Coil "G" Primary Control Circuit High
P2320 Ignition Coil "G" Secondary Circuit
P2321 Ignition Coil "H" Primary Control Circuit Low
P2322 Ignition Coil "H" Primary Control Circuit High

OBDII Powertrain (P) Codes

P2323 Ignition Coil "H" Secondary Circuit
P2324 Ignition Coil "I" Primary Control Circuit Low
P2325 Ignition Coil "I" Primary Control Circuit High
P2326 Ignition Coil "I" Secondary Circuit
P2327 Ignition Coil "J" Primary Control Circuit Low
P2328 Ignition Coil "J" Primary Control Circuit High
P2329 Ignition Coil "J" Secondary Circuit
P2330 Ignition Coil "K" Primary Control Circuit Low
P2331 Ignition Coil "K" Primary Control Circuit High
P2332 Ignition Coil "K" Secondary Circuit
P2333 Ignition Coil "L" Primary Control Circuit Low
P2334 Ignition Coil "L" Primary Control Circuit High
P2335 Ignition Coil "L" Secondary Circuit
P2336 Cylinder #1 Above Knock Threshold
P2337 Cylinder #2 Above Knock Threshold
P2338 Cylinder #3 Above Knock Threshold
P2339 Cylinder #4 Above Knock Threshold
P2340 Cylinder #5 Above Knock Threshold
P2341 Cylinder #6 Above Knock Threshold
P2342 Cylinder #7 Above Knock Threshold
P2343 Cylinder #8 Above Knock Threshold
P2344 Cylinder #9 Above Knock Threshold
P2345 Cylinder #10 Above Knock Threshold
P2346 Cylinder #11 Above Knock Threshold
P2347 Cylinder #12 Above Knock Threshold

P2400-P2499 – SAE Reserved

Code Description

P2400 Evaporative Emission System Leak Detection Pump Control Circuit/Open
P2401 Evaporative Emission System Leak Detection Pump Control Circuit Low
P2402 Evaporative Emission System Leak Detection Pump Control Circuit High
P2403 Evaporative Emission System Leak Detection Pump Sense Circuit/Open
P2404 Evaporative Emission System Leak Detection Pump Sense Circuit Range/Performance
P2405 Evaporative Emission System Leak Detection Pump Sense Circuit Low
P2406 Evaporative Emission System Leak Detection Pump Sense Circuit High
P2407 Evaporative Emission System Leak Detection Pump Sense Circuit Intermittent/Erratic
P2408 Fuel Cap Sensor/Switch Circuit
P2409 Fuel Cap Sensor/Switch Circuit Range/Performance
P2410 Fuel Cap Sensor/Switch Circuit Low
P2411 Fuel Cap Sensor/Switch Circuit High
P2412 Fuel Cap Sensor/Switch Circuit Intermittent/Erratic
P2413 Exhaust Gas Recirculation System Performance
P2414 O2 Sensor Exhaust Sample Error (Bank 1 Sensor 1)
P2415 O2 Sensor Exhaust Sample Error (Bank 2 Sensor 1)
P2416 O2 Sensor Signals Swapped Bank 1 Sensor 2 / Bank 1 Sensor 3
P2417 O2 Sensor Signals Swapped Bank 2 Sensor 2 / Bank 2 Sensor 3
P2418 Evaporative Emission System Switching Valve Control Circuit/Open
P2419 Evaporative Emission System Switching Valve Control Circuit Low
P2420 Evaporative Emission System Switching Valve Control Circuit High
P2421 Evaporative Emission System Vent Valve Stuck Open
P2422 Evaporative Emission System Vent Valve Stuck Closed
P2423 HC Adsorption Catalyst Efficiency Below Threshold (Bank 1)
P2424 HC Adsorption Catalyst Efficiency Below Threshold (Bank 2)
P2425 Exhaust Gas Recirculation Cooling Valve Control Circuit/Open
P2426 Exhaust Gas Recirculation Cooling Valve Control Circuit Low
P2427 Exhaust Gas Recirculation Cooling Valve Control Circuit High
P2428 Exhaust Gas Temperature Too High
P2429 Exhaust Gas Temperature Too High
P2430 Secondary Air Injection System Air Flow/Pressure Sensor Circuit
P2431 Secondary Air Injection System Air Flow/Pressure Sensor Circuit Range/Performance
P2432 Secondary Air Injection System Air Flow/Pressure Sensor Circuit Low
P2433 Secondary Air Injection System Air Flow/Pressure Sensor Circuit High
P2434 Secondary Air Injection System Air Flow/Pressure Sensor Circuit Intermittent/Erratic

OBDII Powertrain (P) Codes

P2435 Secondary Air Injection System Air Flow/Pressure Sensor Circuit
P2436 Secondary Air Injection System Air Flow/Pressure Sensor Circuit Range/Performance
P2437 Secondary Air Injection System Air Flow/Pressure Sensor Circuit Low
P2438 Secondary Air Injection System Air Flow/Pressure Sensor Circuit High
P2439 Secondary Air Injection System Air Flow/Pressure Sensor Circuit Intermittent/Erratic
P2440 Secondary Air Injection System Switching Valve Stuck Open
P2441 Secondary Air Injection System Switching Valve Stuck Closed
P2442 Secondary Air Injection System Switching Valve Stuck Open
P2443 Secondary Air Injection System Switching Valve Stuck Closed
P2444 Secondary Air Injection System Pump Stuck On
P2445 Secondary Air Injection System Pump Stuck Off
P2446 Secondary Air Injection System Pump Stuck On
P2447 Secondary Air Injection System Pump Stuck Off

P2500-P2599 – SAE Reserved

Code Description

P2500 Generator Lamp/L-Terminal Circuit Low
P2501 Generator Lamp/L-Terminal Circuit High
P2502 Charging System Voltage
P2503 Charging System Voltage Low
P2504 Charging System Voltage High
P2505 ECM/PCM Power Input Signal
P2506 ECM/PCM Power Input Signal Range Performance
P2507 ECM/PCM Power Input Signal Low
P2508 ECM/PCM Power Input Signal High
P2509 ECM/PCM Power Input Signal Intermittent
P2510 ECM/PCM Power Relay Sense Circuit Range/Performance
P2511 ECM/PCM Power Relay Sense Circuit Intermittent
P2512 Event Data Recorder Request Circuit/Open
P2513 Event Data Recorder Request Circuit Low
P2514 Event Data Recorder Request Circuit High
P2515 A/C Refrigerant Pressure Sensor "B" Circuit
P2516 A/C Refrigerant Pressure Sensor "B" Circuit Range/Performance
P2517 A/C Refrigerant Pressure Sensor "B" Circuit Low
P2518 A/C Refrigerant Pressure Sensor "B" Circuit High
P2519 A/C Request "A" Circuit
P2520 A/C Request "A" Circuit Low
P2521 A/C Request "A" Circuit High
P2522 A/C Request "B" Circuit
P2523 A/C Request "B" Circuit Low
P2524 A/C Request "B" Circuit High
P2525 Vacuum Reservoir Pressure Sensor Circuit
P2526 Vacuum Reservoir Pressure Sensor Circuit Range/Performance
P2527 Vacuum Reservoir Pressure Sensor Circuit Low
P2528 Vacuum Reservoir Pressure Sensor Circuit High
P2529 Vacuum Reservoir Pressure Sensor Circuit Intermittent
P2530 Ignition Switch Run Position Circuit
P2531 Ignition Switch Run Position Circuit Low
P2532 Ignition Switch Run Position Circuit High
P2533 Ignition Switch Run/Start Position Circuit
P2534 Ignition Switch Run/Start Position Circuit Low
P2535 Ignition Switch Run/Start Position Circuit High
P2536 Ignition Switch Accessory Position Circuit
P2537 Ignition Switch Accessory Position Circuit Low
P2538 Ignition Switch Accessory Position Circuit High
P2539 Low Pressure Fuel System Sensor Circuit
P2540 Low Pressure Fuel System Sensor Circuit Range/Performance
P2541 Low Pressure Fuel System Sensor Circuit Low
P2542 Low Pressure Fuel System Sensor Circuit High
P2543 Low Pressure Fuel System Sensor Circuit Intermittent
P2544 Torque Management Request Input Signal "A"
P2545 Torque Management Request Input Signal "A" Range/Performance
P2546 Torque Management Request Input Signal "A" Low

OBDII Powertrain (P) Codes

P2547 Torque Management Request Input Signal "A" High
P2548 Torque Management Request Input Signal "B"
P2549 Torque Management Request Input Signal "B" Range/Performance
P2550 Torque Management Request Input Signal "B" Low
P2551 Torque Management Request Input Signal "B" High
P2552 Throttle/Fuel Inhibit Circuit
P2553 Throttle/Fuel Inhibit Circuit Range/Performance
P2554 Throttle/Fuel Inhibit Circuit Low
P2555 Throttle/Fuel Inhibit Circuit High
P2556 Engine Coolant Level Sensor/Switch Circuit
P2557 Engine Coolant Level Sensor/Switch Circuit Range/Performance
P2558 Engine Coolant Level Sensor/Switch Circuit Low
P2559 Engine Coolant Level Sensor/Switch Circuit High
P2560 Engine Coolant Level Low
P2561 A/C Control Module Requested MIL Illumination
P2562 Turbocharger Boost Control Position Sensor Circuit
P2563 Turbocharger Boost Control Position Sensor Circuit Range/Performance
P2564 Turbocharger Boost Control Position Sensor Circuit Low
P2565 Turbocharger Boost Control Position Sensor Circuit High
P2566 Turbocharger Boost Control Position Sensor Circuit Intermittent
P2567 Direct Ozone Reduction Catalyst Temperature Sensor Circuit
P2568 Direct Ozone Reduction Catalyst Temperature Sensor Circuit Range/Performance
P2569 Direct Ozone Reduction Catalyst Temperature Sensor Circuit Low
P2570 Direct Ozone Reduction Catalyst Temperature Sensor Circuit High
P2571 Direct Ozone Reduction Catalyst Temperature Sensor Circuit Intermittent/Erratic
P2572 Direct Ozone Reduction Catalyst Deterioration Sensor Circuit
P2573 Direct Ozone Reduction Catalyst Deterioration Sensor Circuit Range/Performance
P2574 Direct Ozone Reduction Catalyst Deterioration Sensor Circuit Low
P2575 Direct Ozone Reduction Catalyst Deterioration Sensor Circuit High
P2576 Direct Ozone Reduction Catalyst Deterioration Sensor Circuit Intermittent/Erratic
P2577 Direct Ozone Reduction Catalyst Efficiency Below Threshold

P2600-P2699 – SAE Reserved

Code Description

P2600 Coolant Pump Control Circuit/Open
P2601 Coolant Pump Control Circuit Range/Performance
P2602 Coolant Pump Control Circuit Low
P2603 Coolant Pump Control Circuit High
P2604 Intake Air Heater "A" Circuit Range/Performance
P2605 Intake Air Heater "A" Circuit/Open
P2606 Intake Air Heater "B" Circuit Range/Performance
P2607 Intake Air Heater "B" Circuit Low
P2608 Intake Air Heater "B" Circuit High
P2609 Intake Air Heater System Performance
P2610 ECM/PCM Internal Engine Off Timer Performance
P2611 A/C Refrigerant Distribution Valve Control Circuit/Open
P2612 A/C Refrigerant Distribution Valve Control Circuit Low
P2613 A/C Refrigerant Distribution Valve Control Circuit High
P2614 Camshaft Position Signal Output Circuit/Open
P2615 Camshaft Position Signal Output Circuit Low
P2616 Camshaft Position Signal Output Circuit High
P2617 Crankshaft Position Signal Output Circuit/Open
P2618 Crankshaft Position Signal Output Circuit Low
P2619 Crankshaft Position Signal Output Circuit High
P2620 Throttle Position Output Circuit/Open
P2621 Throttle Position Output Circuit Low
P2622 Throttle Position Output Circuit High
P2623 Injector Control Pressure Regulator Circuit/Open
P2624 Injector Control Pressure Regulator Circuit Low
P2625 Injector Control Pressure Regulator Circuit High
P2626 O2 Sensor Pumping Current Trim Circuit/Open (Bank 1 Sensor 1)
P2627 O2 Sensor Pumping Current Trim Circuit Low (Bank 1 Sensor 1)
P2628 O2 Sensor Pumping Current Trim Circuit High (Bank 1 Sensor 1)

OBDII Powertrain (P) Codes

P2629 O2 Sensor Pumping Current Trim Circuit/Open (Bank 2 Sensor 1)
P2630 O2 Sensor Pumping Current Trim Circuit Low (Bank 2 Sensor 1)
P2631 O2 Sensor Pumping Current Trim Circuit High (Bank 2 Sensor 1)
P2632 Fuel Pump "B" Control Circuit/Open
P2633 Fuel Pump "B" Control Circuit Low
P2634 Fuel Pump "B" Control Circuit High
P2635 Fuel Pump "A" Low Flow/Performance
P2636 Fuel Pump "B" Low Flow/Performance
P2637 Torque Management Feedback Signal "A"
P2638 Torque Management Feedback Signal "A" Range/Performance
P2639 Torque Management Feedback Signal "A" Low
P2640 Torque Management Feedback Signal "A" High
P2641 Torque Management Feedback Signal "B"
P2642 Torque Management Feedback Signal "B" Range/Performance
P2643 Torque Management Feedback Signal "B" Low
P2644 Torque Management Feedback Signal "B" High
P2645 A Rocker Arm Actuator Control Circuit/Open (Bank 1)
P2646 A Rocker Arm Actuator System Performance or Stuck Off (Bank 1)
P2647 A Rocker Arm Actuator System Stuck On (Bank 1)
P2648 A Rocker Arm Actuator Control Circuit Low (Bank 1)
P2649 A Rocker Arm Actuator Control Circuit High (Bank 1)
P2650 B Rocker Arm Actuator Control Circuit/Open (Bank 1)
P2651 B Rocker Arm Actuator System Performance or Stuck Off (Bank 1)
P2652 B Rocker Arm Actuator System Stuck On (Bank 1)
P2653 B Rocker Arm Actuator Control Circuit Low (Bank 1)
P2654 B Rocker Arm Actuator Control Circuit High (Bank 1)
P2655 A Rocker Arm Actuator Control Circuit/Open (Bank 2)
P2656 A Rocker Arm Actuator System Performance or Stuck Off (Bank 2)
P2657 A Rocker Arm Actuator System Stuck On (Bank 2)
P2658 A Rocker Arm Actuator Control Circuit Low (Bank 2)
P2659 A Rocker Arm Actuator Control Circuit High (Bank 2)
P2660 B Rocker Arm Actuator Control Circuit/Open (Bank 2)
P2661 B Rocker Arm Actuator System Performance or Stuck Off (Bank 2)
P2662 B Rocker Arm Actuator System Stuck On (Bank 2)
P2663 B Rocker Arm Actuator Control Circuit Low (Bank 2)
P2664 B Rocker Arm Actuator Control Circuit High (Bank 2)
P2665 Fuel Shutoff Valve "B" Control Circuit/Open
P2666 Fuel Shutoff Valve "B" Control Circuit Low
P2667 Fuel Shutoff Valve "B" Control Circuit High
P2668 Fuel Mode Indicator Lamp Control Circuit
P2669 Actuator Supply Voltage "B" Circuit /Open
P2670 Actuator Supply Voltage "B" Circuit Low
P2671 Actuator Supply Voltage "B" Circuit High

P2700-P2799 – SAE Reserved

Code Description

P2700 Transmission Friction Element "A" Apply Time Range/Performance
P2701 Transmission Friction Element "B" Apply Time Range/Performance
P2702 Transmission Friction Element "C" Apply Time Range/Performance
P2703 Transmission Friction Element "D" Apply Time Range/Performance
P2704 Transmission Friction Element "E" Apply Time Range/Performance
P2705 Transmission Friction Element "F" Apply Time Range/Performance
P2706 Shift Solenoid "F"
P2707 Shift Solenoid "F" Performance or Stuck Off
P2708 Shift Solenoid "F" Stuck On
P2709 Shift Solenoid "F" Electrical
P2710 Shift Solenoid "F" Intermittent
P2711 Unexpected Mechanical Gear Disengagement
P2712 Hydraulic Power Unit Leakage
P2713 Pressure Control Solenoid "D"
P2714 Pressure Control Solenoid "D" Performance or Stuck Off
P2715 Pressure Control Solenoid "D" Stuck On
P2716 Pressure Control Solenoid "D" Electrical

OBDII Powertrain (P) Codes

P2717 Pressure Control Solenoid "D" Intermittent
P2718 Pressure Control Solenoid "D" Control Circuit/Open
P2719 Pressure Control Solenoid "D" Control Circuit Range/Performance
P2720 Pressure Control Solenoid "D" Control Circuit Low
P2721 Pressure Control Solenoid "D" Control Circuit High
P2722 Pressure Control Solenoid "E"
P2723 Pressure Control Solenoid "E" Performance or Stuck Off
P2724 Pressure Control Solenoid "E" Stuck On
P2725 Pressure Control Solenoid "E" Electrical
P2726 Pressure Control Solenoid "E" Intermittent
P2727 Pressure Control Solenoid "E" Control Circuit/Open
P2728 Pressure Control Solenoid "E" Control Circuit Range/Performance
P2729 Pressure Control Solenoid "E" Control Circuit Low
P2730 Pressure Control Solenoid "E" Control Circuit High
P2731 Pressure Control Solenoid "F"
P2732 Pressure Control Solenoid "F" Performance or Stuck Off
P2733 Pressure Control Solenoid "F" Stuck On
P2734 Pressure Control Solenoid "F" Electrical
P2735 Pressure Control Solenoid "F" Intermittent
P2736 Pressure Control Solenoid "F" Control Circuit/Open
P2737 Pressure Control Solenoid "F" Control Circuit Range/Performance
P2738 Pressure Control Solenoid "F" Control Circuit Low
P2739 Pressure Control Solenoid "F" Control Circuit High
P2740 Transmission Fluid Temperature Sensor "B" Circuit
P2741 Transmission Fluid Temperature Sensor "B" Circuit Range/Performance
P2742 Transmission Fluid Temperature Sensor "B" Circuit Low
P2743 Transmission Fluid Temperature Sensor "B" Circuit High
P2744 Transmission Fluid Temperature Sensor "B" Circuit Intermittent
P2745 Intermediate Shaft Speed Sensor "B" Circuit
P2746 Intermediate Shaft Speed Sensor "B" Circuit Range/Performance
P2747 Intermediate Shaft Speed Sensor "B" Circuit No Signal
P2748 Intermediate Shaft Speed Sensor "B" Circuit Intermittent
P2749 Intermediate Shaft Speed Sensor "C" Circuit
P2750 Intermediate Shaft Speed Sensor "C" Circuit Range/Performance
P2751 Intermediate Shaft Speed Sensor "C" Circuit No Signal
P2752 Intermediate Shaft Speed Sensor "C" Circuit Intermittent
P2753 Transmission Fluid Cooler Control Circuit/Open
P2754 Transmission Fluid Cooler Control Circuit Low
P2755 Transmission Fluid Cooler Control Circuit High
P2756 Torque Converter Clutch Pressure Control Solenoid
P2757 Torque Converter Clutch Pressure Control Solenoid Control Circuit Performance or Stuck Off
P2758 Torque Converter Clutch Pressure Control Solenoid Control Circuit Stuck on
P2759 Torque Converter Clutch Pressure Control Solenoid Control Circuit Electrical
P2760 Torque Converter Clutch Pressure Control Solenoid Control Circuit Intermittent
P2761 Torque Converter Clutch Pressure Control Solenoid Control Circuit/Open
P2762 Torque Converter Clutch Pressure Control Solenoid Control Circuit Range/Performance
P2763 Torque Converter Clutch Pressure Control Solenoid Control Circuit Low
P2764 Torque Converter Clutch Pressure Control Solenoid Control Circuit High
P2765 Input/Turbine Speed Sensor "B" Circuit
P2766 Input/Turbine Speed Sensor "B" Circuit Range/Performance
P2767 Input/Turbine Speed Sensor "B" Circuit No Signal
P2768 Input/Turbine Speed Sensor "B" Circuit Intermittent
P2769 Torque Converter Clutch Circuit Low
P2770 Torque Converter Clutch Circuit High
P2771 Four Wheel Drive (4WD) Low Switch Circuit
P2772 Four Wheel Drive (4WD) Low Switch Circuit Range/Performance
P2773 Four Wheel Drive (4WD) Low Switch Circuit Low
P2774 Four Wheel Drive (4WD) Low Switch Circuit High
P2775 Upshift Switch Circuit Range/Performance
P2776 Upshift Switch Circuit Low
P2777 Upshift Switch Circuit High
P2778 Upshift Switch Circuit Intermittent/Erratic
P2779 Downshift Switch Circuit Range/Performance
P2780 Downshift Switch Circuit Low
P2781 Downshift Switch Circuit High
P2782 Downshift Switch Circuit Intermittent/Erratic
P2783 Torque Converter Temperature Too High

OBDII Powertrain (P) Codes

P2784 Input/Turbine Speed Sensor "A"/"B" Correlation
P2785 Clutch Actuator Temperature Too High
P2786 Gear Shift Actuator Temperature Too High
P2787 Clutch Temperature Too High
P2788 Auto Shift Manual Adaptive Learning at Limit
P2789 Clutch Adaptive Learning at Limit
P2790 Gate Select Direction Circuit
P2791 Gate Select Direction Circuit Low
P2792 Gate Select Direction Circuit High
P2793 Gear Shift Direction Circuit
P2794 Gear Shift Direction Circuit Low
P2795 Gear Shift Direction Circuit High
Manufacturer Controlled and SAE Reserved

P3400-P3499 – SAE Reserved

Code Description

P3400 Cylinder Deactivation System
P3401 Cylinder 1 Deactivation/Intake Valve Control Circuit/Open
P3402 Cylinder 1 Deactivation/Intake Valve Control Performance
P3403 Cylinder 1 Deactivation/Intake Valve Control Circuit Low
P3404 Cylinder 1 Deactivation/Intake Valve Control Circuit High
P3405 Cylinder 1 Exhaust Valve Control Circuit/Open
P3406 Cylinder 1 Exhaust Valve Control Performance
P3407 Cylinder 1 Exhaust Valve Control Circuit Low
P3408 Cylinder 1 Exhaust Valve Control Circuit High
P3409 Cylinder 2 Deactivation/Intake Valve Control Circuit/Open
P3410 Cylinder 2 Deactivation/Intake Valve Control Performance
P3411 Cylinder 2 Deactivation/Intake Valve Control Circuit Low
P3412 Cylinder 2 Deactivation/Intake Valve Control Circuit High
P3413 Cylinder 2 Exhaust Valve Control Circuit/Open
P3414 Cylinder 2 Exhaust Valve Control Performance
P3415 Cylinder 2 Exhaust Valve Control Circuit Low
P3416 Cylinder 2 Exhaust Valve Control Circuit High
P3417 Cylinder 3 Deactivation/Intake Valve Control Circuit/Open
P3418 Cylinder 3 Deactivation/Intake Valve Control Performance
P3419 Cylinder 3 Deactivation/Intake Valve Control Circuit Low
P3420 Cylinder 3 Deactivation/Intake Valve Control Circuit High
P3421 Cylinder 3 Exhaust Valve Control Circuit/Open
P3422 Cylinder 3 Exhaust Valve Control Performance
P3423 Cylinder 3 Exhaust Valve Control Circuit Low
P3424 Cylinder 3 Exhaust Valve Control Circuit High
P3425 Cylinder 4 Deactivation/Intake Valve Control Circuit/Open
P3426 Cylinder 4 Deactivation/Intake Valve Control Performance
P3427 Cylinder 4 Deactivation/Intake Valve Control Circuit Low
P3428 Cylinder 4 Deactivation/Intake Valve Control Circuit High
P3429 Cylinder 4 Exhaust Valve Control Circuit/Open
P3430 Cylinder 4 Exhaust Valve Control Performance
P3431 Cylinder 4 Exhaust Valve Control Circuit Low
P3432 Cylinder 4 Exhaust Valve Control Circuit High
P3433 Cylinder 5 Deactivation/Intake Valve Control Circuit/Open
P3434 Cylinder 5 Deactivation/Intake Valve Control Performance
P3435 Cylinder 5 Deactivation/Intake Valve Control Circuit Low
P3436 Cylinder 5 Deactivation/Intake Valve Control Circuit High
P3437 Cylinder 5 Exhaust Valve Control Circuit/Open
P3438 Cylinder 5 Exhaust Valve Control Performance
P3439 Cylinder 5 Exhaust Valve Control Circuit Low
P3440 Cylinder 5 Exhaust Valve Control Circuit High
P3441 Cylinder 6 Deactivation/Intake Valve Control Circuit/Open
P3442 Cylinder 6 Deactivation/Intake Valve Control Performance
P3443 Cylinder 6 Deactivation/Intake Valve Control Circuit Low
P3444 Cylinder 6 Deactivation/Intake Valve Control Circuit High
P3445 Cylinder 6 Exhaust Valve Control Circuit/Open
P3446 Cylinder 6 Exhaust Valve Control Performance

OBDII Powertrain (P) Codes

P3447 Cylinder 6 Exhaust Valve Control Circuit Low
P3448 Cylinder 6 Exhaust Valve Control Circuit High
P3449 Cylinder 7 Deactivation/Intake Valve Control Circuit/Open
P3450 Cylinder 7 Deactivation/Intake Valve Control Performance
P3451 Cylinder 7 Deactivation/Intake Valve Control Circuit Low
P3452 Cylinder 7 Deactivation/Intake Valve Control Circuit High
P3453 Cylinder 7 Exhaust Valve Control Circuit/Open
P3454 Cylinder 7 Exhaust Valve Control Performance
P3455 Cylinder 7 Exhaust Valve Control Circuit Low
P3456 Cylinder 7 Exhaust Valve Control Circuit High
P3457 Cylinder 8 Deactivation/Intake Valve Control Circuit/Open
P3458 Cylinder 8 Deactivation/Intake Valve Control Performance
P3459 Cylinder 8 Deactivation/Intake Valve Control Circuit Low
P3460 Cylinder 8 Deactivation/Intake Valve Control Circuit High
P3461 Cylinder 8 Exhaust Valve Control Circuit/Open
P3462 Cylinder 8 Exhaust Valve Control Performance
P3463 Cylinder 8 Exhaust Valve Control Circuit Low
P3464 Cylinder 8 Exhaust Valve Control Circuit High
P3465 Cylinder 9 Deactivation/Intake Valve Control Circuit/Open
P3466 Cylinder 9 Deactivation/Intake Valve Control Performance
P3467 Cylinder 9 Deactivation/Intake Valve Control Circuit Low
P3468 Cylinder 9 Deactivation/Intake Valve Control Circuit High
P3469 Cylinder 9 Exhaust Valve Control Circuit/Open
P3470 Cylinder 9 Exhaust Valve Control Performance
P3471 Cylinder 9 Exhaust Valve Control Circuit Low
P3472 Cylinder 9 Exhaust Valve Control Circuit High
P3473 Cylinder 10 Deactivation/Intake Valve Control Circuit/Open
P3474 Cylinder 10 Deactivation/Intake Valve Control Performance
P3475 Cylinder 10 Deactivation/Intake Valve Control Circuit Low
P3476 Cylinder 10 Deactivation/Intake Valve Control Circuit High
P3477 Cylinder 10 Exhaust Valve Control Circuit/Open
P3478 Cylinder 10 Exhaust Valve Control Performance
P3479 Cylinder 10 Exhaust Valve Control Circuit Low
P3480 Cylinder 10 Exhaust Valve Control Circuit High
P3481 Cylinder 11 Deactivation/Intake Valve Control Circuit/Open
P3482 Cylinder 11 Deactivation/Intake Valve Control Performance
P3483 Cylinder 11 Deactivation/Intake Valve Control Circuit Low
P3484 Cylinder 11 Deactivation/Intake Valve Control Circuit High
P3485 Cylinder 11 Exhaust Valve Control Circuit/Open
P3486 Cylinder 11 Exhaust Valve Control Performance
P3487 Cylinder 11 Exhaust Valve Control Circuit Low
P3488 Cylinder 11 Exhaust Valve Control Circuit High
P3489 Cylinder 12 Deactivation/Intake Valve Control Circuit/Open
P3490 Cylinder 12 Deactivation/Intake Valve Control Performance
P3491 Cylinder 12 Deactivation/Intake Valve Control Circuit Low
P3492 Cylinder 12 Deactivation/Intake Valve Control Circuit High
P3493 Cylinder 12 Exhaust Valve Control Circuit/Open
P3494 Cylinder 12 Exhaust Valve Control Performance
P3495 Cylinder 12 Exhaust Valve Control Circuit Low
P3496 Cylinder 12 Exhaust Valve Control Circuit High

Warning:

Please check for manufacturer specific codes and confirm the trouble code descriptions with an appropriate manual.

Disclaimer:

We cannot guarantee the accuracy of all trouble codes.