

## **DTC Error Codes**

### **OBDII Powertrain (P) Codes**

P0XXX --- 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

**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)  
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  
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 O2 Sensor Circuit Malfunction (Bank I Sensor 1)  
P0131 O2 Sensor Circuit Low Voltage (Bank I Sensor 1)  
P0132 O2 Sensor Circuit High Voltage (Bank I Sensor 1)  
P0133 O2 Sensor Circuit Slow Response (Bank 1 Sensor 1)  
P0134 O2 Sensor Circuit No Activity Detected (Bank I Sensor 1)  
P0135 O2 Sensor Heater Circuit Malfunction (Bank 1 Sensor 1)  
P0136 O2 Sensor Circuit Malfunction (Bank I Sensor 2)  
P0137 O2 Sensor Circuit Low Voltage (Bank I Sensor 2)  
P0138 O2 Sensor Circuit High Voltage (Bank I Sensor 2)  
P0139 O2 Sensor Circuit Slow Response (Bank 1 Sensor 2)  
P0140 O2 Sensor Circuit No Activity Detected (Bank 1 Sensor 2)  
P0141 O2 Sensor Heater Circuit Malfunction (Bank 1 Sensor 2)  
P0142 O2 Sensor Circuit Malfunction (Bank I Sensor 3)  
P0143 O2 Sensor Circuit Low Voltage (Bank I Sensor 3)  
P0144 O2 Sensor Circuit High Voltage (Bank I Sensor 3)  
P0145 O2 Sensor Circuit Slow Response (Bank 1 Sensor 3)  
P0146 O2 Sensor Circuit No Activity Detected (Bank I Sensor 3)  
P0147 O2 Sensor Heater Circuit Malfunction (Bank I Sensor 3)  
P0148 Fuel Delivery Error  
P0149 Fuel Timing Error  
P0150 O2 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  
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  
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 I Injector Circuit Low  
P0262 Cylinder I Injector Circuit High  
P0263 Cylinder I 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 S 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/Range 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  
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 S ystem 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  
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)  
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 I 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

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  
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  
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  
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  
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  
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  
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  
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

#### P0A00-P0A99 – Transmission

##### Code Description

P0A00 Motor Electronics Coolant Temperature Sensor Circuit  
P0A01 Motor Electronics Coolant Temperature Sensor Circuit Range/Performance  
P0A02 Motor Electronics Coolant Temperature Sensor Circuit Low  
P0A03 Motor Electronics Coolant Temperature Sensor Circuit High  
P0A04 Motor Electronics Coolant Temperature Sensor Circuit Intermittent  
P0A05 Motor Electronics Coolant Pump Control Circuit/Open  
P0A06 Motor Electronics Coolant Pump Control Circuit Low  
P0A07 Motor Electronics Coolant Pump Control Circuit High  
P0A08 DC/DC Converter Status Circuit  
P0A09 DC/DC Converter Status Circuit Low Input  
P0A10 DC/DC Converter Status Circuit High Input  
P0A11 DC/DC Converter Enable Circuit/Open  
P0A12 DC/DC Converter Enable Circuit Low  
P0A13 DC/DC Converter Enable Circuit High  
P0A14 Engine Mount Control Circuit/Open  
P0A15 Engine Mount Control Circuit Low  
P0A16 Engine Mount Control Circuit High  
P0A17 Motor Torque Sensor Circuit  
P0A18 Motor Torque Sensor Circuit Range/Performance  
P0A19 Motor Torque Sensor Circuit Low  
P0A20 Motor Torque Sensor Circuit High  
P0A21 Motor Torque Sensor Circuit Intermittent

P0A22 Generator Torque Sensor Circuit  
P0A23 Generator Torque Sensor Circuit Range/Performer  
P0A24 Generator Torque Sensor Circuit Low  
P0A25 Generator Torque Sensor Circuit High  
P0A26 Generator Torque Sensor Circuit Intermittent  
P0A27 Battery Power Off Circuit  
P0A28 Battery Power Off Circuit Low  
P0A29 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  
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

#### 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  
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  
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  
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  
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  
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  
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  
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  
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 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)  
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  
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  
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

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  
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  
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  
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  
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)  
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  
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  
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  
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

#### TOYOTA Specific Trouble Codes

P1100 BARO Sensor Circuit.  
P1120 Accelerator Pedal Position Sensor Circuit.  
P1121 Accelerator Pedal Position Sensor Range/Performance Problem.  
P1125 Throttle Control Motor Circuit.  
P1126 Magnetic Clutch Circuit.  
P1127 ETCS Actuator Power Source Circuit.  
P1128 Throttle Control Motor Lock.  
P1129 Electric Throttle Control System.  
P1130 Air/Fuel Sensor Circuit Range/Performance. (Bank 1 Sensor 1)  
P1133 Air/Fuel Sensor Circuit Response. (Bank 1 Sensor 1)  
P1135 Air/Fuel Sensor Heater Circuit Response. (Bank 1 Sensor 1)  
P1150 Air/Fuel Sensor Circuit Range/Performance. (Bank 1 Sensor 2)  
P1153 Air/Fuel Sensor Circuit Response. (Bank 1 Sensor 2)  
P1155 Air/Fuel Sensor Heater Circuit. (Bank 1 Sensor 2)  
P1200 Fuel Pump Relay Circuit.  
P1300 Igniter Circuit Malfunction - No. 1.  
P1310 Igniter Circuit Malfunction - No. 2.  
P1335 No Crankshaft Position Sensor Signal - Engine Running.  
P1349 VVT System.  
P1400 Sub-Throttle Position Sensor.  
P1401 Sub-Throttle Position Sensor Range/Performance Problem.  
P1405 Turbo Pressure Sensor Circuit.  
P1406 Turbo Pressure Sensor Range/Performance Problem.  
P1410 EGR Valve Position Sensor Circuit Malfunction.  
P1411 EGR Valve Position Sensor Circuit Range/Performance.  
P1500 Starter Signal Circuit.  
P1510 Boost Pressure Control Circuit.  
P1511 Boost Pressure Low.  
P1512 Boost Pressure High.  
P1520 Stop Lamp Switch Signal Malfunction.  
P1565 Cruise Control Main Switch Circuit.  
P1600 ECM BATT Malfunction  
P1605 Knock Control CPU.  
P1630 Traction Control System.  
P1633 ECM.  
P1652 Idle Air Control Valve Control Circuit.  
P1656 OCV Circuit.  
P1658 Wastegate Valve Control Circuit.  
P1661 EGR Circuit.  
P1662 EGR by-pass Valve Control Circuit.  
P1780 Park/Neutral Position Switch Malfunction (Only For A/T)

## OBDII Body (B) Codes

B1200 Climate Control Pushbutton Circuit Failure  
B1201 Fuel Sender Circuit Failure  
B1202 Fuel Sender Circuit Open  
B1203 Fuel Sender Circuit Short To Battery  
B1204 Fuel Sender Circuit Short To Ground  
B1205 EIC Switch-1 Assembly Circuit Failure  
B1206 EIC Switch-1 Assembly Circuit Open  
B1207 EIC Switch-1 Assembly Circuit Short To Battery  
B1208 EIC Switch-1 Assembly Circuit Short To Ground  
B1209 EIC Switch-2 Assembly Circuit Failure  
B1210 EIC Switch-2 Assembly Circuit Open  
B1211 EIC Switch-2 Assembly Circuit Short To Battery  
B1212 EIC Switch-2 Assembly Circuit Short To Ground  
B1213 Anti-Theft Number of Programmed Keys Is Below Minimum  
B1214 Running Board Lamp Circuit Failure  
B1215 Running Board Lamp Circuit Short to Battery  
B1216 Emergency & Road Side Assistance Switch Circuit Short to Ground  
B1217 Horn Relay Coil Circuit Failure  
B1218 Horn Relay Coil Circuit Short to Vbatt  
B1219 Fuel Tank Pressure Sensor Circuit Failure  
B1220 Fuel Tank Pressure Sensor Circuit Open  
B1222 Fuel Temperature Sensor #1 Circuit Failure  
B1223 Fuel Temperature Sensor #1 Circuit Open  
B1224 Fuel Temperature Sensor #1 Circuit Short to Battery  
B1225 Fuel Temperature Sensor #1 Circuit Short to Ground  
B1226 Fuel Temperature Sensor #2 Circuit Failure  
B1227 Fuel Temperature Sensor #2 Circuit Open  
B1228 Fuel Temperature Sensor #2 Circuit Short to Battery  
B1229 Fuel Temperature Sensor #2 Circuit Short to Ground  
B1231 Longitudinal Acceleration Threshold Exceeded  
B1232 See Manufacturer  
B1233 Glass Break Sensor Failure  
B1234 Mirror Switch Invalid Code  
B1235 Window Feedback Failure  
B1236 Window Feedback Loss of Signal  
B1237 Window Feedback Out of Range  
B1238 Over Temperature Fault  
B1239 Air Flow Blend Door Driver Circuit Failure  
B1240 Wiper Washer Rear Pump Relay Circuit Failure  
B1241 Wiper Washer Rear Pump Relay Circuit Short to Battery  
B1242 Air Flow Recirculation Door Driver Circuit Failure  
B1243 Express Window Down Switch Circuit Short to Battery  
B1244 Wiper Rear Motor Run Relay Circuit Failure  
B1245 Wiper Rear Motor Run Relay Circuit Short to Battery  
B1246 Dim Panel Potentiometer Switch Circuit Failure

B1247 Panel Dim Switch Circuit Open  
B1248 Passenger's Seatback Autoglide Rearward Switch Circuit Short to Ground  
B1249 Blend Door Failure  
B1250 Air Temperature Internal Sensor Circuit Failure  
B1251 Air Temperature Internal Sensor Circuit Open  
B1252 Air Temperature Internal Sensor Circuit Short To Battery  
B1253 Air Temperature Internal Sensor Circuit Short To Ground  
B1254 Air Temperature External Sensor Circuit Failure  
B1255 Air Temperature External Sensor Circuit Open  
B1256 Air Temperature External Sensor Circuit Short To Battery  
B1257 Air Temperature External Sensor Circuit Short To Ground  
B1258 Solar Radiation Sensor Circuit Failure  
B1259 Solar Radiation Sensor Circuit Open  
B1260 Solar Radiation Sensor Circuit Short To Battery  
B1261 Solar Radiation Sensor Circuit Short To Ground  
B1262 Servo Motor Defrost Circuit Failure  
B1263 Servo Motor Vent Circuit Failure  
B1264 Servo Motor Foot Circuit Failure  
B1265 Servo Motor Coolair Bypass Circuit Failure  
B1266 Servo Motor Airintake Left Circuit Failure  
B1267 Servo Motor Airintake Right Circuit Failure  
B1268 Servo Motor Potentiometer Defrost Circuit Failure  
B1269 Servo Motor Potentiometer Defrost Circuit Open  
B1270 Servo Motor Potentiometer Defrost Circuit Short To Battery  
B1271 Servo Motor Potentiometer Defrost Circuit Short To Ground  
B1272 Servo Motor Potentiometer Vent Circuit Failure  
B1273 Servo Motor Potentiometer Vent Circuit Open  
B1274 Servo Motor Potentiometer Vent Circuit Short To Battery  
B1275 Servo Motor Potentiometer Vent Circuit Short To Ground  
B1276 Servo Motor Potentiometer Foot Circuit Failure  
B1277 Servo Motor Potentiometer Foot Circuit Open  
B1278 Servo Motor Potentiometer Foot Circuit Short To Battery  
B1279 Servo Motor Potentiometer Foot Circuit Short To Ground  
B1280 Servo Motor Potentiometer Coolair Circuit Failure  
B1281 Servo Motor Potentiometer Coolair Circuit Open  
B1282 Servo Motor Potentiometer Coolair Circuit Short To Battery  
B1283 Servo Motor Potentiometer Coolair Circuit Short To Ground  
B1284 Servo Motor Potentiometer Airintake Left Circuit Failure  
B1285 Servo Motor Potentiometer Airintake Left Circuit Open  
B1286 Servo Motor Potentiometer Airintake Left Circuit Short To Battery  
B1287 Servo Motor Potentiometer Airintake Left Circuit Short To Ground  
B1288 Servo Motor Potentiometer Airintake Right Circuit Failure  
B1289 Servo Motor Potentiometer Airintake Right Circuit Open  
B1290 Servo Motor Potentiometer Airintake Right Circuit Short To Battery  
B1291 Servo Motor Potentiometer Airintake Right Circuit Short To Ground  
B1292 Battery Power Relay Circuit Failure

B1293 Battery Power Relay Circuit Open  
B1294 Battery Power Relay Circuit Short To Battery  
B1295 Battery Power Relay Circuit Short To Ground  
B1296 Power Supply Sensor Circuit Failure  
B1297 Power Supply Sensor Circuit Open  
B1298 Power Supply Sensor Circuit Short To Battery  
B1299 Power Supply Sensor Circuit Short To Ground  
B1300 Power Door Lock Circuit Failure  
B1301 Power Door Lock Circuit Open  
B1302 Accessory Delay Relay Coil Circuit Failure  
B1303 Accessory Delay Relay Coil Circuit Open  
B1304 Accessory Delay Relay Coil Circuit Short To Battery  
B1305 Accessory Delay Relay Coil Circuit Short To Ground  
B1306 Oil Level Switch Circuit Open  
B1307 Oil Level Switch Circuit Short To Battery  
B1308 Oil Level Switch Circuit Short To Ground  
B1309 Power Door Lock Circuit Short To Ground  
B1310 Power Door Unlock Circuit Failure  
B1311 Power Door Unlock Circuit Open  
B1312 Lamp Headlamp Input Circuit Short To Battery  
B1313 Battery Saver Relay Coil Circuit Failure  
B1314 Battery Saver Relay Coil Circuit Open  
B1315 Battery Saver Relay Coil Circuit Short To Battery  
B1316 Battery Saver Relay Coil Circuit Short To Ground  
B1317 Battery Voltage High  
B1318 Battery Voltage Low  
B1319 Driver Door Ajar Circuit Failure  
B1320 Driver Door Ajar Circuit Open  
B1321 Driver Door Ajar Circuit Short To Battery  
B1322 Driver Door Ajar Circuit Short To Ground  
B1323 Door Ajar Lamp Circuit Failure  
B1324 Door Ajar Lamp Circuit Open  
B1325 Door Ajar Lamp Circuit Short To Battery  
B1326 Door Ajar Lamp Circuit Short To Ground  
B1327 Passenger Door Ajar Circuit Failure  
B1328 Passenger Door Ajar Circuit Open  
B1329 Passenger Door Ajar Circuit Short To Battery  
B1330 Passenger Door Ajar Circuit Short To Ground  
B1331 Decklid Ajar Rear Door Circuit Failure  
B1332 Decklid Ajar Rear Door Circuit Open  
B1333 Decklid Ajar Rear Door Circuit Short To Battery  
B1334 Decklid Ajar Rear Door Circuit Short To Ground  
B1335 Door Ajar RR Circuit Failure  
B1336 Door Ajar RR Circuit Open  
B1337 Door Ajar RR Circuit Short To Battery  
B1338 Door Ajar RR Circuit Short To Ground

B1339 Chime Input Request Circuit Short To Battery  
B1340 Chime Input Request Circuit Short To Ground  
B1341 Power Door Unlock Circuit Short To Ground  
B1342 ECU Is Defective  
B1343 Heated Backlite Input Circuit Failure  
B1344 Heated Backlite Input Circuit Open  
B1345 Heated Backlite Input Circuit Short To Ground  
B1346 Heated Backlite Input Circuit Short To Battery  
B1347 Heated Backlite Relay Circuit Failure  
B1348 Heated Backlite Relay Circuit Open  
B1349 Heated Backlite Relay Short To Battery  
B1350 Heated Backlite Relay Short To Ground  
B1351 Ignition Key-In Circuit Short To Battery  
B1352 Ignition Key-In Circuit Failure  
B1353 Ignition Key-In Circuit Open  
B1354 Ignition Key-In Circuit Short To Ground  
B1355 Ignition Run Circuit Failure  
B1356 Ignition Run Circuit Open  
B1357 Ignition Run Circuit Short To Battery  
B1358 Ignition Run Circuit Short To Ground  
B1359 Ignition Run/Acc Circuit Failure  
B1360 Ignition Run/Acc Circuit Open  
B1361 Ignition Run/Acc Circuit Short To Battery  
B1362 Ignition Run/Acc Circuit Short To Ground  
B1363 Ignition Start Circuit Failure  
B1364 Ignition Start Circuit Open  
B1365 Ignition Start Circuit Short To Battery  
B1366 Ignition Start Circuit Short To Ground  
B1367 Ignition Tach Circuit Failure  
B1368 Ignition Tach Circuit Open  
B1369 Ignition Tach Circuit Short To Battery  
B1370 Ignition Tach Circuit Short To Ground  
B1371 Illuminated Entry Relay Circuit Failure  
B1372 Illuminated Entry Relay Circuit Open  
B1373 Illuminated Entry Relay Short To Battery  
B1374 Illuminated Entry Relay Short To Ground  
B1375 Oil Change Lamp Circuit Open  
B1376 Oil Change Lamp Circuit Short To Battery  
B1377 Oil Change Lamp Circuit Failure  
B1378 Oil Change Lamp Circuit Short To Ground  
B1379 Oil Change Reset Button Circuit Short To Ground  
B1380 Oil Change Reset Button Circuit Failure  
B1381 Oil Change Reset Button Circuit Open  
B1382 Oil Change Reset Button Circuit Short To Battery  
B1383 Oil Level Lamp Circuit Short To Battery  
B1384 Oil Level Lamp Circuit Failure

B1385 Oil Level Lamp Circuit Open  
B1386 Oil Level Lamp Circuit Short To Ground  
B1387 Oil Temperature Sensor Circuit Open  
B1388 Oil Temperature Sensor Circuit Short To Battery  
B1389 Oil Temperature Sensor Circuit Failure  
B1390 Oil Temperature Sensor Circuit Short To Ground  
B1391 Oil Level Switch Circuit Failure  
B1392 Power Door Memory Lock Relay Circuit Failure  
B1393 Power Door Memory Lock Relay Circuit Open  
B1394 Power Door Memory Lock Relay Circuit Short To Battery  
B1395 Power Door Memory Lock Relay Circuit Short To Ground  
B1396 Power Door Lock Circuit Short To Battery  
B1397 Power Door Unlock Circuit Short To Battery  
B1398 Driver Power Window One Touch Window Relay Circuit Failure  
B1399 Driver Power Window One Touch Window Relay Circuit Open  
B1400 Driver Power Window One Touch Window Relay Circuit Short To Battery  
B1401 Driver Power Window One Touch Window Relay Circuit Short To Ground  
B1402 Driver Power Window Down Switch Circuit Failure  
B1403 Driver Power Window Up Switch Circuit Failure  
B1404 Driver Power Window Down Circuit Open  
B1405 Driver Power Window Down Circuit Short To Battery  
B1406 Driver Power Window Down Circuit Short To Ground  
B1407 Driver Power Window Up Circuit Open  
B1408 Driver Power Window Up Circuit Short To Battery  
B1409 Driver Power Window Up Circuit Short To Ground  
B1410 Driver Power Window Motor Circuit Failure  
B1411 Driver Power Window Motor Circuit Open  
B1412 Driver Power Window Motor Circuit Short To Battery  
B1413 Driver Power Window Motor Circuit Short To Ground  
B1414 Power Window LR Motor Circuit Failure  
B1415 Power Window LR Motor Circuit Open  
B1416 Power Window LR Motor Circuit Short To Battery  
B1417 Power Window LR Motor Circuit Short To Ground  
B1418 Passenger Power Window Motor Circuit Failure  
B1419 Passenger Power Window Motor Circuit Open  
B1420 Passenger Power Window Motor Circuit Short To Battery  
B1421 Passenger Power Window Motor Circuit Short To Ground  
B1422 Power Window RR Motor Circuit Failure  
B1423 Power Window RR Motor Circuit Open  
B1424 Power Window RR Motor Circuit Short To Battery  
B1425 Power Window RR Motor Circuit Short To Ground  
B1426 Lamp Seat Belt Circuit Short To Battery  
B1427 Lamp Seat Belt Circuit Open  
B1428 Lamp Seat Belt Circuit Failure  
B1429 Lamp Seat Belt Circuit Short To Ground  
B1430 Seat Belt Switch Circuit Short To Ground

B1431 Wiper Brake/Run Relay Circuit Failure  
B1432 Wiper Brake/Run Relay Circuit Short To Battery  
B1433 Wiper Brake/Run Relay Circuit Short To Ground  
B1434 Wiper Hi/Low Speed Relay Coil Circuit Failure  
B1435 Wiper Hi/Low Speed Relay Coil Circuit Open  
B1436 Wiper Hi/Low Speed Relay Coil Circuit Short To Battery  
B1437 Wiper Hi/Low Speed Relay Coil Circuit Short To Ground  
B1438 Wiper Mode Select Switch Circuit Failure  
B1439 Wiper Mode Select Switch Circuit Open  
B1440 Wiper Mode Select Switch Circuit Short To Battery  
B1441 Wiper Mode Select Switch Circuit Short To Ground  
B1442 Door Handle Switch Circuit Failure  
B1443 Door Handle Switch Circuit Open  
B1444 Door Handle Switch Circuit Short To Battery  
B1445 Door Handle Switch Circuit Short To Ground  
B1446 Wiper Park Sense Circuit Failure  
B1447 Wiper Park Sense Circuit Open  
B1448 Wiper Park Sense Circuit Short To Battery  
B1449 Wiper Park Sense Circuit Short To Ground  
B1450 Wiper Wash/Delay Switch Circuit Failure  
B1451 Wiper Wash/Delay Switch Circuit Open  
B1452 Wiper Wash/Delay Switch Circuit Short To Battery  
B1453 Wiper Wash/Delay Switch Circuit Short To Ground  
B1454 Wiper Washer Fluid Lamp Circuit Failure  
B1455 Wiper Washer Fluid Lamp Circuit Open  
B1456 Wiper Washer Fluid Lamp Circuit Short To Battery  
B1457 Wiper Washer Fluid Lamp Circuit Short To Ground  
B1458 Wiper Washer Pump Motor Relay Circuit Failure  
B1459 Wiper Washer Pump Motor Relay Coil Circuit Open  
B1460 Wiper Washer Pump Motor Relay Coil Circuit Short To Battery  
B1461 Wiper Washer Pump Motor Relay Coil Circuit Short To Ground  
B1462 Seat Belt Switch Circuit Failure  
B1463 Seat Belt Switch Circuit Open  
B1464 Seat Belt Switch Circuit Short To Battery  
B1465 Wiper Brake/Run Relay Circuit Open  
B1466 Wiper Hi/Low Speed Not Switching  
B1467 Wiper Hi/Low Speed Circuit Motor Short To Battery  
B1468 Chime Input Request Circuit Failure  
B1469 Chime Input Request Circuit Open  
B1470 Lamp Headlamp Input Circuit Failure  
B1471 Lamp Headlamp Input Circuit Open  
B1472 Lamp Headlamp Input Circuit Short To Ground  
B1473 Wiper Low Speed Circuit Motor Failure  
B1474 Battery Saver Power Relay Circuit Short To Battery  
B1475 Accessory Delay Relay Contact Short To Battery  
B1476 Wiper High Speed Circuit Motor Failure

B1477 Wiper Hi/Low Circuit Motor Short To Ground  
B1478 Power Window One Touch Up/Down Activated Simultaneously  
B1479 Wiper Washer Fluid Level Sensor Circuit Failure  
B1480 Wiper Washer Fluid Level Sensor Circuit Open  
B1481 Wiper Washer Fluid Level Sensor Circuit Short To Battery  
B1482 Wiper Washer Fluid Level Sensor Circuit Short To Ground  
B1483 Brake Pedal Input Circuit Failure  
B1484 Brake Pedal Input Open Circuit  
B1485 Brake Pedal Input Circuit Battery Short  
B1486 Brake Pedal Input Circuit Ground Short  
B1487 Door Handle Right Front Circuit Failure  
B1488 Door Handle Right Front Circuit Open  
B1489 Door Handle Right Front Short To Battery  
B1490 Door Handle Right Front Short To Ground  
B1491 Ignition Cylinder Sensor Circuit Failure  
B1492 Ignition Cylinder Sensor Open Circuit  
B1493 Ignition Cylinder Sensor Battery Short  
B1494 Ignition Cylinder Sensor Ground Short  
B1495 Decklid Punch-Out Sensor Circuit Failure  
B1496 Decklid Punch-Out Sensor Open Circuit  
B1497 Decklid Punch-Out Sensor Battery Short  
B1498 Decklid Punch-Out Sensor Ground Short  
B1499 Lamp Turn Signal Left Circuit Failure  
B1500 Lamp Turn Signal Left Circuit Open  
B1501 Lamp Turn Signal Left Circuit Short To Battery  
B1502 Lamp Turn Signal Left Circuit Short To Ground  
B1503 Lamp Turn Signal Right Circuit Failure  
B1504 Lamp Turn Signal Right Circuit Open  
B1505 Lamp Turn Signal Right Circuit Short To Battery  
B1506 Lamp Turn Signal Right Circuit Short To Ground  
B1507 Flash To Pass Switch Circuit Failure  
B1508 Flash To Pass Switch Circuit Open  
B1509 Flash To Pass Switch Circuit Short To Battery  
B1510 Flash To Pass Switch Circuit Short To Ground  
B1511 Driver Door Handle Circuit Failure  
B1512 Driver Door Handle Circuit Open  
B1513 Driver Door Handle Circuit Short To Battery  
B1514 Driver Door Handle Circuit Short To Ground  
B1515 Seat Driver Occupied Switch Circuit Failure  
B1516 Seat Driver Occupied Switch Circuit Open  
B1517 Seat Driver Occupied Switch Circuit Short To Battery  
B1518 Seat Driver Occupied Switch Circuit Short To Ground  
B1519 Hood Switch Circuit Failure  
B1520 Hood Switch Circuit Open  
B1521 Hood Switch Circuit Short To Battery  
B1522 Hood Switch Circuit Short To Ground

B1523 Keyless Entry Circuit Failure  
B1524 Keyless Entry Circuit Open  
B1525 Keyless Entry Circuit Short To Battery  
B1526 Keyless Entry Circuit Short To Ground  
B1527 Memory Set Switch Circuit Failure  
B1528 Memory Set Switch Circuit Open  
B1529 Memory Set Switch Circuit Short To Battery  
B1530 Memory Set Switch Circuit Short To Ground  
B1531 Memory 1 Switch Circuit Failure  
B1532 Memory 1 Switch Circuit Open  
B1533 Memory 1 Switch Circuit Short To Battery  
B1534 Memory 1 Switch Circuit Short To Ground  
B1535 Memory 2 Switch Circuit Failure  
B1536 Memory 2 Switch Circuit Open  
B1537 Memory 2 Switch Circuit Short To Battery  
B1538 Memory 2 Switch Circuit Short To Ground  
B1539 Mirror Driver Switch Assembly Circuit Failure  
B1540 Mirror Driver Switch Assembly Circuit Open  
B1541 Mirror Driver Switch Assembly Circuit Short To Battery  
B1542 Mirror Driver Switch Assembly Circuit Short To Ground  
B1543 Seat Direction Switch Assembly Circuit Failure  
B1544 Seat Direction Switch Assembly Circuit Open  
B1545 Seat Direction Switch Assembly Circuit Short To Battery  
B1546 Seat Direction Switch Assembly Circuit Short To Ground  
B1547 Power Window Master Circuit Failure  
B1548 Power Window Master Circuit Open  
B1549 Power Window Master Circuit Short To Battery  
B1550 Power Window Master Circuit Short To Ground  
B1551 Decklid Release Circuit Failure  
B1552 Decklid Release Circuit Open  
B1553 Decklid Release Circuit Short To Battery  
B1554 Decklid Release Circuit Short To Ground  
B1555 Ignition Run/Start Circuit Failure  
B1556 Ignition Run/Start Circuit Open  
B1557 Ignition Run/Start Circuit Short To Battery  
B1558 Ignition Run/Start Circuit Short To Ground  
B1559 Door Lock Cylinder Circuit Failure  
B1560 Door Lock Cylinder Circuit Open  
B1561 Door Lock Cylinder Circuit Short To Battery  
B1562 Door Lock Cylinder Circuit Short To Ground  
B1563 Door Ajar Circuit Failure  
B1564 Door Ajar Circuit Open  
B1565 Door Ajar Circuit Short To Battery  
B1566 Door Ajar Circuit Short To Ground  
B1567 Lamp Headlamp High-Beam Circuit Failure  
B1568 Lamp Headlamp High-Beam Circuit Open

B1569 Lamp Headlamp High-Beam Circuit Short To Battery  
B1570 Lamp Headlamp High-Beam Circuit Short To Ground  
B1571 Door Ajar LR Circuit Failure  
B1572 Door Ajar LR Circuit Open  
B1573 Door Ajar LR Circuit Short To Battery  
B1574 Door Ajar LR Circuit Short To Ground  
B1575 Lamp Park Input Circuit Failure  
B1576 Lamp Park Input Circuit Open  
B1577 Lamp Park Input Circuit Short To Battery  
B1578 Lamp Park Input Circuit Short To Ground  
B1579 Dim Panel Increase Input Circuit Failure  
B1580 Dim Panel Increase Input Circuit Open  
B1581 Dim Panel Increase Input Circuit Short To Battery  
B1582 Dim Panel Increase Input Circuit Short To Ground  
B1583 Dim Panel Decrease Input Circuit Failure  
B1584 Dim Panel Decrease Input Circuit Open  
B1585 Dim Panel Decrease Input Circuit Short To Battery  
B1586 Dim Panel Decrease Input Circuit Short To Ground  
B1587 Autolamp Delay Increase Circuit Failure  
B1588 Autolamp Delay Increase Circuit Open  
B1589 Autolamp Delay Increase Circuit Short To Battery  
B1590 Autolamp Delay Increase Circuit Short To Ground  
B1591 Autolamp Delay Decrease Circuit Failure  
B1592 Autolamp Delay Decrease Circuit Open  
B1593 Autolamp Delay Decrease Circuit Short To Battery  
B1594 Autolamp Delay Decrease Circuit Short To Ground  
B1595 Ignition Switch Illegal Input Code  
B1596 Service Continuous Codes  
B1597 Driver's Seat Seatback Autoglide Forward Switch Circuit Short to Ground  
B1598 Driver's Seat Seatback Autoglide Rearward Switch Circuit Short to Ground  
B1599 Passenger's Seatback Autoglide Forward Switch Circuit Short to Ground  
B1600 PATS Ignition Key Transponder Signal Is Not Received  
B1601 PATS Received Incorrect Key-Code From Ignition Key Transponder  
B1602 PATS Received Invalid Format Of Key-Code From Ignition Key Transponder  
B1603 Lamp Anti-Theft Indicator Circuit Failure  
B1604 Lamp Anti-Theft Indicator Circuit Open  
B1605 Lamp Anti-Theft Indicator Circuit Short To Battery  
B1606 Lamp Anti-Theft Indicator Circuit Short To Ground  
B1607 Illuminated Entry Input Circuit Failure  
B1608 Illuminated Entry Input Open Circuit  
B1609 Illuminated Entry Input Short Circuit To Battery  
B1610 Illuminated Entry Input Short Circuit To Ground  
B1611 Wiper Rear Mode Select Switch Circuit Failure  
B1612 Wiper Rear Mode Select Switch Circuit Open  
B1613 Wiper Rear Mode Select Switch Circuit Short To Battery  
B1614 Wiper Rear Mode Select Switch Circuit Short To Ground

B1615 Wiper Rear Disable Switch Circuit Failure  
B1616 Wiper Rear Disable Switch Circuit Open  
B1617 Wiper Rear Disable Switch Circuit Short To Battery  
B1618 Wiper Rear Disable Switch Circuit Short To Ground  
B1619 Wiper Rear Low Limit Input Circuit Failure  
B1620 Wiper Rear Low Limit Input Circuit Open  
B1621 Wiper Rear Low Limit Input Circuit Short To Battery  
B1622 Wiper Rear Low Limit Input Circuit Short To Ground  
B1623 Lamp Keypad Output Circuit Failure  
B1624 Lamp Keypad Output Open Circuit  
B1625 Lamp Keypad Output Short Circuit To Battery  
B1626 Lamp Keypad Output Short Circuit To Ground  
B1627 PRNDL Reverse Input Circuit Failure  
B1628 PRNDL Reverse Input Open Circuit  
B1629 PRNDL Reverse Input Short To Battery  
B1630 PRNDL Reverse Input Short Circuit To Ground  
B1631 Mirror Driver Left Circuit Failure  
B1632 Mirror Driver Left Circuit Open  
B1633 Mirror Driver Left Circuit Short To Battery  
B1634 Mirror Driver Left Circuit Short To Ground  
B1635 Mirror Driver Right Circuit Failure  
B1636 Mirror Driver Right Circuit Open  
B1637 Mirror Driver Right Circuit Short To Battery  
B1638 Mirror Driver Right Short To Ground  
B1639 Mirror Passenger Left Circuit Failure  
B1640 Mirror Passenger Left Circuit Open  
B1641 Mirror Passenger Left Circuit Short To Battery  
B1642 Mirror Passenger Left Circuit Short To Ground  
B1643 Mirror Passenger Right Circuit Failure  
B1644 Mirror Passenger Right Circuit Open  
B1645 Mirror Passenger Right Circuit Short To Battery  
B1646 Mirror Passenger Right Circuit Short To Ground  
B1647 Seat Driver Recline Forward Circuit Failure  
B1648 Seat Driver Recline Forward Circuit Open  
B1649 Seat Driver Recline Forward Circuit Short To Battery  
B1650 Seat Driver Recline Forward Circuit Short To Ground  
B1651 Seat Driver Recline Backward Circuit Failure  
B1652 Seat Driver Recline Backward Circuit Open  
B1653 Seat Driver Recline Backward Circuit Short To Battery  
B1654 Seat Driver Recline Backward Circuit Short To Ground  
B1655 Seat Driver Rear Up Circuit Failure  
B1656 Seat Driver Rear Up Circuit Open  
B1657 Seat Driver Rear Up Circuit Short To Battery  
B1658 Seat Driver Rear Up Circuit Short To Ground  
B1659 Seat Driver Front Up Circuit Failure  
B1660 Seat Driver Front Up Circuit Open

B1661 Seat Driver Front Up Circuit Short To Battery  
B1662 Seat Driver Front Up Circuit Short To Ground  
B1663 Seat Driver Front Up/Down Motor Stalled  
B1664 Seat Driver Rear Up/Down Motor Stalled  
B1665 Seat Driver Forward/Backward Motor Stalled  
B1666 Seat Driver Recline Motor Stalled  
B1667 Mirror Driver Up/Down Motor Stalled  
B1668 Mirror Driver Right/Left Motor Stalled  
B1669 Mirror Passenger Up/Down Motor Stalled  
B1670 Mirror Passenger Right/Left Motor Stalled  
B1671 Battery Module Voltage Out Of Range  
B1672 Seat Driver Occupied Input Circuit Failure  
B1673 Seat Driver Occupied Input Circuit Open  
B1674 Seat Driver Occupied Input Circuit Short To Battery  
B1675 Seat Driver Occupied Input Circuit Short To Ground  
B1676 Battery Pack Voltage Out Of Range  
B1677 Alarm Panic Input Circuit Failure  
B1678 Alarm Panic Input Circuit Open  
B1679 Alarm Panic Input Circuit Short To Battery  
B1680 Alarm Panic Input Circuit Short To Ground  
B1681 PATS Transceiver Module Signal Is Not Received  
B1682 PATS Is Disabled (Check Link Between PATS And Transponder)  
B1683 Mirror Driver/Passenger Switch Circuit Failure  
B1684 Mirror Driver/Passenger Switch Circuit Open  
B1685 Lamp Dome Input Circuit Failure  
B1686 Lamp Dome Input Circuit Open  
B1687 Lamp Dome Input Circuit Short To Battery  
B1688 Lamp Dome Input Circuit Short To Ground  
B1689 Autolamp Delay Circuit Failure  
B1690 Autolamp Delay Circuit Open  
B1691 Autolamp Delay Circuit Short To Battery  
B1692 Autolamp Delay Circuit Short To Ground  
B1693 Autolamp On Circuit Failure  
B1694 Autolamp On Circuit Open  
B1695 Autolamp On Circuit Short To Battery  
B1696 Autolamp On Circuit Short To Ground  
B1697 Mirror Driver/Passenger Switch Circuit Short To Battery  
B1698 Mirror Driver/Passenger Switch Circuit Short To Ground  
B1699 Passenger's Seat Occupied Switch Circuit Short to Ground  
B1700 Passenger's Seatbelt Tension Reducer Circuit Short to Ground  
B1701 Seat Driver Recline Forward Switch Circuit Failure  
B1702 Seat Driver Recline Forward Switch Circuit Open  
B1703 Seat Driver Recline Forward Switch Circuit Short To Battery  
B1704 Seat Driver Recline Forward Switch Circuit Short To Ground  
B1705 Seat Driver Recline Rearward Switch Circuit Failure  
B1706 Seat Driver Recline Rearward Switch Circuit Open

B1707 Seat Driver Recline Rearward Switch Circuit Short To Battery  
B1708 Seat Driver Recline Rearward Switch Circuit Short To Ground  
B1709 Seat Driver Front Up Switch Circuit Failure  
B1710 Seat Driver Front Up Switch Circuit Open  
B1711 Seat Driver Front Up Switch Circuit Short To Battery  
B1712 Seat Driver Front Up Switch Circuit Short To Ground  
B1713 Seat Driver Front Down Switch Circuit Failure  
B1714 Seat Driver Front Down Switch Circuit Open  
B1715 Seat Driver Front Down Switch Circuit Short To Battery  
B1716 Seat Driver Front Down Switch Circuit Short To Ground  
B1717 Seat Driver Forward Switch Circuit Failure  
B1718 Seat Driver Forward Switch Circuit Open  
B1719 Seat Driver Forward Switch Circuit Short To Battery  
B1720 Seat Driver Forward Switch Circuit Short To Ground  
B1721 Seat Driver Rearward Switch Circuit Failure  
B1722 Seat Driver Rearward Switch Circuit Open  
B1723 Seat Driver Rearward Switch Circuit Short To Battery  
B1724 Seat Driver Rearward Switch Circuit Short To Ground  
B1725 Seat Driver Rear Up Switch Circuit Failure  
B1726 Seat Driver Rear Up Switch Circuit Open  
B1727 Seat Driver Rear Up Switch Circuit Short To Battery  
B1728 Seat Driver Rear Up Switch Circuit Short To Ground  
B1729 Seat Driver Rear Down Switch Circuit Failure  
B1730 Seat Driver Rear Down Switch Circuit Open  
B1731 Seat Driver Rear Down Switch Circuit Short To Battery  
B1732 Seat Driver Rear Down Switch Circuit Short To Ground  
B1733 Mirror Driver Vertical Switch Circuit Failure  
B1734 Mirror Driver Vertical Switch Circuit Open  
B1735 Mirror Driver Vertical Switch Circuit Short To Battery  
B1736 Mirror Driver Vertical Switch Circuit Short To Ground  
B1737 Mirror Driver Horizontal Switch Circuit Failure  
B1738 Mirror Driver Horizontal Switch Circuit Open  
B1739 Mirror Driver Horizontal Switch Circuit Short To Battery  
B1740 Mirror Driver Horizontal Switch Circuit Short To Ground  
B1741 Mirror Passenger Vertical Switch Circuit Failure  
B1742 Mirror Passenger Vertical Switch Circuit Open  
B1743 Mirror Passenger Vertical Switch Circuit Short To Battery  
B1744 Mirror Passenger Vertical Switch Circuit Short To Ground  
B1745 Mirror Passenger Horizontal Switch Circuit Failure  
B1746 Mirror Passenger Horizontal Switch Circuit Open  
B1747 Mirror Passenger Horizontal Switch Circuit Short To Battery  
B1748 Mirror Passenger Horizontal Switch Circuit Short To Ground  
B1749 Park/Neutral Switch Circuit Failure  
B1750 Park/Neutral Switch Circuit Open  
B1751 Park/Neutral Switch Circuit Short To Battery  
B1752 Park/Neutral Switch Circuit Short To Ground

B1753 Hazard Flash Output Circuit Failure  
B1754 Hazard Flash Output Circuit Open  
B1755 Hazard Flash Output Circuit Short Battery  
B1756 Hazard Flash Output Circuit Short To Ground  
B1757 Seat Driver Rear Down Circuit Failure  
B1758 Seat Driver Rear Down Circuit Open  
B1759 Seat Driver Rear Down Circuit Short To Battery  
B1760 Seat Driver Rear Down Circuit Short To Ground  
B1761 Seat Driver Front Down Circuit Failure  
B1762 Seat Driver Front Down Circuit Open  
B1763 Seat Driver Front Down Circuit Short To Battery  
B1764 Seat Driver Front Down Circuit Short To Ground  
B1765 Seat Driver Forward Circuit Failure  
B1766 Seat Driver Forward Circuit Open  
B1767 Seat Driver Forward Circuit Short To Battery  
B1768 Seat Driver Forward Circuit Short To Ground  
B1769 Seat Driver Backward Circuit Failure  
B1770 Seat Driver Backward Circuit Open  
B1771 Seat Driver Backward Circuit Short To Battery  
B1772 Seat Driver Backward Circuit Short To Ground  
B1773 Mirror Driver Up Circuit Failure  
B1774 Mirror Driver Up Circuit Open  
B1775 Mirror Driver Up Circuit Short To Battery  
B1776 Mirror Driver Up Circuit Short To Ground  
B1777 Driver's Seatbelt Tension Reducer Circuit Short to Ground  
B1778 Mirror Driver Down Circuit Failure  
B1779 Mirror Driver Down Circuit Open  
B1780 Mirror Driver Down Circuit Short To Battery  
B1781 Mirror Driver Down Short To Ground  
B1782 Mirror Passenger Up Circuit Failure  
B1783 Mirror Passenger Up Circuit Open  
B1784 Mirror Passenger Up Circuit Short To Battery  
B1785 Mirror Passenger Up Circuit Short To Ground  
B1786 Mirror Passenger Down Circuit Failure  
B1787 Mirror Passenger Down Circuit Open  
B1788 Mirror Passenger Down Circuit Short To Battery  
B1789 Mirror Passenger Down Circuit Short To Ground  
B1790 Autolamp Sensor Input Circuit Failure  
B1791 Autolamp Sensor Input Circuit Open  
B1792 Autolamp Sensor Input Circuit Short To Battery  
B1793 Autolamp Sensor Input Circuit Short To Ground  
B1794 Lamp Headlamp Low-Beam Circuit Failure  
B1795 Lamp Headlamp Low-Beam Circuit Open  
B1796 Lamp Headlamp Low-Beam Circuit Short To Battery  
B1797 Lamp Headlamp Low-Beam Circuit Short To Ground  
B1798 Lamp Turn Signal Front Output Circuit Failure

B1799 Lamp Turn Signal Front Output Circuit Open  
B1800 Lamp Turn Signal Front Output Circuit Short To Battery  
B1801 Lamp Turn Signal Front Output Circuit Short To Ground  
B1802 Lamp Turn Signal Rear Output Circuit Failure  
B1803 Lamp Turn Signal Rear Output Circuit Open  
B1804 Lamp Turn Signal Rear Output Circuit Short To Battery  
B1805 Lamp Turn Signal Rear Output Circuit Short To Ground  
B1806 Lamp Tail Output Circuit Failure  
B1807 Lamp Tail Output Circuit Open  
B1808 Lamp Tail Output Circuit Short To Battery  
B1809 Lamp Tail Output Circuit Short To Ground  
B1810 Lamp Backup Switch Input Circuit Failure  
B1811 Lamp Backup Switch Input Circuit Open  
B1812 Lamp Backup Switch Input Circuit Short To Battery  
B1813 Lamp Backup Switch Input Circuit Short To Ground  
B1814 Wiper Rear Motor Down Relay Coil Circuit Failure  
B1815 Wiper Rear Motor Down Relay Coil Circuit Open  
B1816 Wiper Rear Motor Down Relay Coil Circuit Short To Battery  
B1817 Wiper Rear Motor Down Relay Coil Circuit Short To Ground  
B1818 Wiper Rear Motor Up Relay Coil Circuit Failure  
B1819 Wiper Rear Motor Up Relay Coil Circuit Open  
B1820 Wiper Rear Motor Up Relay Coil Circuit Short To Battery  
B1821 Wiper Rear Motor Up Relay Coil Circuit Short To Ground  
B1822 Wiper Rear Park Sense Input Circuit Failure  
B1823 Wiper Rear Park Sense Input Circuit Open  
B1824 Wiper Rear Park Sense Input Circuit Short To Battery  
B1825 Wiper Rear Park Sense Input Circuit Short To Ground  
B1826 Wiper Rear High Limit Input Circuit Failure  
B1827 Wiper Rear High Limit Input Circuit Open  
B1828 Wiper Rear High Limit Input Circuit Short To Battery  
B1829 Wiper Rear High Limit Input Circuit Short To Ground  
B1830 Door Unlock Disarm Switch Circuit Failure  
B1831 Door Unlock Disarm Switch Circuit Open  
B1832 Door Unlock Disarm Switch Circuit Short To Battery  
B1833 Door Unlock Disarm Switch Circuit Short To Ground  
B1834 Door Unlock Disarm Output Circuit Failure  
B1835 Door Unlock Disarm Output Circuit Open  
B1836 Door Unlock Disarm Output Circuit Short To Battery  
B1837 Door Unlock Disarm Output Circuit Short To Ground  
B1838 Battery Saver Power Relay Circuit Failure  
B1839 Wiper Rear Motor Circuit Failure  
B1840 Wiper Front Power Circuit Failure  
B1841 Wiper Front Power Circuit Open  
B1842 Wiper Front Power Circuit Short To Battery  
B1843 Wiper Front Power Circuit Short To Ground  
B1844 Phone Handset Circuit Failure

B1845 Ignition Tamper Circuit Failure  
B1846 Ignition Tamper Circuit Open  
B1847 Ignition Tamper Circuit Short To Battery  
B1848 Ignition Tamper Circuit Short To Ground  
B1849 Climate Control Temperature Differential Circuit Failure  
B1850 Climate Control Temperature Differential Circuit Open  
B1851 Climate Control Temperature Differential Circuit Short To Battery  
B1852 Climate Control Temperature Differential Circuit Short To Ground  
B1853 Climate Control Air Temperature Internal Sensor Motor Circuit Failure  
B1854 Climate Control Air Temperature Internal Sensor Motor Circuit Open  
B1855 Climate Control Air Temperature Internal Sensor Motor Circuit Short To Battery  
B1856 Climate Control Air Temperature Internal Sensor Motor Circuit Short To Ground  
B1857 Climate Control On/Off Switch Circuit Failure  
B1858 Climate Control A/C Pressure Switch Circuit Failure  
B1859 Climate Control A/C Pressure Switch Circuit Open  
B1860 Climate Control A/C Pressure Switch Circuit Short To Battery  
B1861 Climate Control A/C Pressure Switch Circuit Short To Ground  
B1862 Climate Control A/C Lock Sensor Failure  
B1863 Ground ECU Circuit Open  
B1864 Battery Power Supply ECU Circuit Failure  
B1865 Battery Power Supply ECU Circuit Open  
B1866 Battery Power Supply ECU Circuit Short To Battery  
B1867 Battery Power Supply ECU Circuit Short To Ground  
B1868 Lamp Air Bag Warning Indicator Circuit Failure  
B1869 Lamp Air Bag Warning Indicator Circuit Open  
B1870 Lamp Air Bag Warning Indicator Circuit Short To Battery  
B1871 Passenger Air Bag Disable Module Fault  
B1872 Turn Signal / Hazard Power Feed Circuit Short To Battery  
B1873 Turn Signal / Hazard Power Feed Circuit Short To Ground  
B1874 Cellular Phone Handset Not Present  
B1875 Turn Signal / Hazard Switch Signal Circuit Failure  
B1876 Seatbelt Driver Pretensioner Circuit Failure  
B1877 Seatbelt Driver Pretensioner Circuit Open  
B1878 Seatbelt Driver Pretensioner Circuit Short to Battery  
B1879 Seatbelt Driver Pretensioner Circuit Short to Ground  
B1880 Seatbelt Passenger Pretensioner Circuit Failure  
B1881 Seatbelt Passenger Pretensioner Circuit Open  
B1882 Seatbelt Passenger Pretensioner Circuit Short to Battery  
B1883 Seatbelt Passenger Pretensioner Circuit Short to Ground  
B1884 PAD Warning Lamp Inoperative  
B1885 Seatbelt Driver Pretensioner Circuit Resistance Low on Squib  
B1886 Seatbelt Passenger Pretensioner Circuit Resistance Low on Squib  
B1887 Air Bag Driver Circuit Resistance Low or Shorted Together  
B1888 Air Bag Passenger Circuit Resistance Low or Shorted Together  
B1889 Passenger Airbag Disable Module Sensor Obstructed  
B1890 PAD Warning Lamp Circuit Short to Battery

B1891 Air Bag Tone Warning Indicator Circuit Short to Battery  
B1892 Air Bag Tone Warning Indicator Circuit Failure  
B1893 GPS Antenna Open Circuit  
B1894 Wiper Rear Motor Speed Sense Circuit Failure  
B1895 Driver's / Passenger's Door Ajar Output Circuit Failure  
B1896 Driver's / Passenger's Door Ajar Output Circuit Short to Battery  
B1897 Horn Switch Circuit Failure  
B1898 Chime Input #2 Circuit Short to Ground  
B1899 Microphone Input Signal Circuit Open  
B1900 Driver Side Airbag Fault  
B1901 Air Bag Crash Sensor #1 Feed/Return Circuit Short To Ground  
B1902 Air Bag Crash Sensor #1 Ground Circuit Failure  
B1903 Air Bag Crash Sensor #1 Ground Circuit Short To Battery  
B1904 Air Bag Crash Sensor #2 Feed/Return Circuit Failure  
B1905 Air Bag Crash Sensor #2 Feed/Return Circuit Short To Battery  
B1906 Air Bag Crash Sensor #2 Feed/Return Circuit Short To Ground  
B1907 Air Bag Crash Sensor #2 Ground Circuit Failure  
B1908 Air Bag Crash Sensor #2 Ground Circuit Short To Battery  
B1909 Air Bag Crash Sensor #2 Ground Circuit Short To Ground  
B1910 Air Bag Diagnostic Monitor Ground Circuit Failure  
B1911 Air Bag Diagnostic Monitor Ground Circuit Short To Battery  
B1912 Air Bag Diagnostic Monitor Ground Circuit Short To Ground  
B1913 Air Bag Driver/Passenger Circuit Short To Ground  
B1914 Air Bag Crash Sensors #1 / #2 Circuit Short To Ground  
B1915 Air Bag Driver Circuit Failure  
B1916 Air Bag Driver Circuit Short To Battery  
B1917 Air Bag Memory Clear Circuit Failure  
B1918 Air Bag Memory Clear Circuit Open  
B1919 Air Bag Memory Clear Circuit Short To Battery  
B1920 Air Bag Passenger Circuit Failure  
B1921 Air Bag Diagnostic Monitor Ground Circuit Open  
B1922 Air Bag Safing Sensor Output Circuit Short To Battery  
B1923 Air Bag Memory Clear Circuit Short To Ground  
B1924 Air Bag Internal Diagnostic Monitor Fault or System Disarm Fault  
B1925 Air Bag Passenger Circuit Short To Battery  
B1926 Air Bag Passenger Pressure Switch Circuit Failure  
B1927 Passenger Side Airbag Fault  
B1928 Air Bag Safing Sensor Output Circuit Failure  
B1929 Air Bag Safing Sensor Output Circuit Open  
B1930 Air Bag Safing Sensor Output Circuit Short To Ground  
B1931 Air Bag Crash Sensor #1 Feed/Return Circuit Failure  
B1932 Air Bag Driver Circuit Open  
B1933 Air Bag Passenger Circuit Open  
B1934 Air Bag Driver Inflator Circuit Resistance Low on Squib  
B1935 Air Bag Passenger Inflator Circuit Resistance Low on Squib  
B1936 Air Bag Driver Circuit Short To Ground

B1937 Air Bag Passenger Pressure Switch Circuit Open  
B1938 Air Bag Passenger Circuit Short To Ground  
B1939 Air Bag Passenger Pressure Switch Circuit Short To Ground  
B1941 Air Bag Crash Sensor #1 Feed/Return Circuit Open  
B1942 Air Bag Crash Sensor #2 Feed/Return Circuit Open  
B1943 Air Bag Crash Sensor #1 Ground Circuit Short To Ground  
B1944 Air Bag Crash Sensor #1 Ground Circuit Open  
B1945 Air Bag Crash Sensor #2 Ground Circuit Open  
B1946 Climate Control A/C Post Evaporator Sensor Circuit Failure  
B1947 Climate Control A/C Post Evaporator Sensor Circuit Short To Ground  
B1948 Climate Control Water Temperature Sensor Circuit Failure  
B1949 Climate Control Water Temperature Sensor Circuit Short To Ground  
B1950 Seat Rear Up/Down Potentiometer Feedback Circuit Failure  
B1951 Seat Rear Up/Down Potentiometer Feedback Circuit Open  
B1952 Seat Rear Up/Down Potentiometer Feedback Circuit Short To Battery  
B1953 Seat Rear Up/Down Potentiometer Feedback Circuit Short To Ground  
B1954 Seat Front Up/Down Potentiometer Feedback Circuit Failure  
B1955 Seat Front Up/Down Potentiometer Feedback Circuit Open  
B1956 Seat Front Up/Down Potentiometer Feedback Circuit Short To Battery  
B1957 Seat Front Up/Down Potentiometer Feedback Circuit Short To Ground  
B1958 Seat Recline Forward/Backward Potentiometer Feedback Circuit Failure  
B1959 Seat Recline Forward/Backward Potentiometer Feedback Circuit Open  
B1960 Seat Recline Forward/Backward Potentiometer Feedback Circuit Short To Battery  
B1961 Seat Recline Forward/Backward Potentiometer Feedback Circuit Short To Ground  
B1962 Seat Horizontal Forward/Rearward Potentiometer Feedback Circuit Failure  
B1963 Seat Horizontal Forward/Rearward Potentiometer Feedback Circuit Open  
B1964 Seat Horizontal Forward/Rearward Potentiometer Feedback Circuit Short To  
Battery  
B1965 Seat Horizontal Forward/Rearward Potentiometer Feedback Circuit Short To  
Ground  
B1966 A/C Post Heater Sensor Circuit Failure  
B1967 A/C Post Heater Sensor Circuit Short To Ground  
B1968 A/C Water Pump Detection Circuit Failure  
B1969 A/C Clutch Magnetic Control Circuit Failure  
B1970 Passenger Seatback Forward Switch Circuit Short to Ground  
B1971 Passenger Seatback Rearward Switch Circuit Short to Ground  
B1972 Passenger Rear Seat Up Switch Circuit Short to Battery  
B1973 Passenger Rear Seat Down Switch Circuit Short to Battery  
B1974 Passenger's Seat Recline Forward Switch Circuit Short to Battery  
B1975 Passenger's Seat Recline Back Switch Circuit Short to Battery  
B1976 Passenger's Seat Forward Switch Circuit Short to Battery  
B1977 Passenger's Front Seat Up Switch Circuit Short to Battery  
B1978 Passenger's Front Seat Down Switch Circuit Short to Battery  
B1979 Passenger Seat Rearward Switch Circuit Short to Battery  
B1980 Bulb - Outage Condition Detected  
B1981 Memory Off Switch Circuit Short to Battery

B1982 Driver's Door Unlock Relay Circuit Failure  
B1983 Driver's Door Unlock Relay Circuit Short to Battery  
B1984 Seat Switch Lumbar Inflate Circuit Failure  
B1985 Seat Switch Lumbar Deflate Circuit Failure  
B1986 Driver's Seat Seatback Autoglide Rearward Switch Circuit Failure  
B1987 Pedal Forward / Rearward Motor Stalled  
B1988 Pedal Position Forward Switch Circuit Short to Battery  
B1989 Pedal Position Rearward Switch Circuit Short to Battery  
B1990 Pedal Forward / Rearward Potentiometer Feedback Circuit Failure  
B1991 Pedal Forward / Rearward Potentiometer Feedback Circuit Short to Battery  
B1992 Driver Side, Side mount Airbag Circuit Short to Vbatt  
B1993 Driver Side, Side mount Airbag Circuit Short to Ground  
B1994 Driver Side, Side mount Airbag Circuit Open  
B1995 Driver Side, Side mount Airbag Low resistance on Squib  
B1996 Passenger Side, Side mount Airbag Circuit Short to Vbatt  
B1997 Passenger Side, Side mount Airbag Circuit Short to Ground  
B1998 Passenger Side, Side mount Airbag Circuit Open  
B1999 Passenger Side, Side mount Airbag Low resistance on Squib  
B2100 Door Driver Key Cylinder Switch Failure  
B2101 Head Rest Switch Circuit Failure  
B2102 Antenna Circuit Short to Ground  
B2103 Antenna Not Connected  
B2104 Door Passenger Key Cylinder Switch Failure  
B2105 Throttle Position Input Out of Range Low  
B2106 Throttle Position Input Out of Range High  
B2107 Front Wiper Motor Relay Circuit Short to Vbatt  
B2108 Trunk Key Cylinder Switch Failure  
B2109 Heated Wind Shield Relay Short to Vbatt (changed from Failure 2/6/97)  
B2110 Front Wiper Motor Relay Circuit Open (changed from Failure 2/6/97)  
B2111 All Door Lock Input Short to Ground  
B2112 Door Driver Set Switch Stuck Failure  
B2113 Heated Windshield Input Short to Ground  
B2114 Front Washer Input Short to Ground  
B2115 Rear Washer Input Short to Ground  
B2116 Door Driver Reset Switch Stuck Failure  
B2117 Driver Side, Side mount Airbag Low capacitance on Squib  
B2118 Passenger Side, Side mount Airbag Low capacitance on Squib  
B2119 Compressor Failure  
B2120 Door Passenger Set Switch Stuck Failure  
B2122 Driver Side Satellite Communication Circuit Short to Ground  
B2123 Passenger Side Satellite Communication Circuit Short to Ground  
B2124 Door Passenger Reset Switch Stuck Failure  
B2128 Central Lock Motor Failure  
B2129 Central Lock Feedback Failure  
B2130 Double Lock Timeout Failure  
B2131 Double Lock Feedback Failure

B2132 Dimmer switch Circuit Short to Gnd  
B2133 Brake Motor Warning lamp Circuit Failure  
B2134 Brake Motor Warning lamp Circuit Short to Vbatt  
B2135 Park Brake Applied Warning Lamp Circuit Failure  
B2136 Park Brake Applied Warning Lamp Circuit Short To Battery  
B2139 Data Mismatch (receive data does not match what was expected)  
B2141 NVM Configuration Failure  
B2142 NVM TIC Failure  
B2143 NVM Memory Failure  
B2144 NVM Alarm Data Failure  
B2145 NVM RF HR Failure  
B2146 Seat Recline Motor Position Out of Range  
B2148 PWM Input Circuit Failure  
B2149 Seat Front Vertical Motor Position Out of Range  
B2150 Power Supply #1 Circuit Short to Ground  
B2151 Power Supply #2 Circuit Short to Ground  
B2152 Seat Rear Vertical Motor Position Out of Range  
B2153 Rear Echo Sensor Circuit Failure  
B2154 Front Echo Sensor Circuit Failure  
B2155 Seat Horizontal Motor Position Out of Range  
B2156 Rear Doppler Sensor Circuit Failure  
B2157 Front Doppler Sensor Circuit Failure  
B2158 Seat Recline Motor Memory Position Out of Range  
B2159 Memory #1 output Short to Ground  
B2160 Memory #1 output Short to VBatt  
B2161 Seat Front Vertical Motor Memory Position Out of Range  
B2162 Data Mismatch #2 (receive data does not match what was expected)  
B2163 Clutch Position Fault  
B2164 Seat Rear Vertical Motor Memory Position Out of Range  
B2165 Gear shift position Fault  
B2166 Gear select position Fault  
B2167 Seat Horizontal Motor Memory Position Out of Range  
B2168 Unable to confirm Unlock Condition  
B2169 Unable to confirm lock Condition  
B2170 Steering Column Lock Switch Circuit Failure  
B2172 Inertia Switch input Circuit Open  
B2174 Window Driver Rear Remote Up Switch Short to Battery  
B2175 A/C Request Signal Circuit Short to Ground  
B2176 Overdrive switch circuit short to Vbatt  
B2177 Interior Scanning Sensor Circuit Failure  
B2178 Window Driver Rear Remote Down Switch Short to Battery  
B2179 Front Wiper Select Switch "A" Short to Ground  
B2180 Front Wiper Select Switch "B" Short to Ground  
B2181 Front Wiper Select Switch "C" Short to Ground  
B2182 Window Passenger Front Remote Up Switch Short to Battery  
B2183 Front Wiper Select Switch "H" Short to Ground

B2184 Front Wiper Select Switch "W" Short to Ground  
B2185 Rear Wiper Select Switch "D" Short to Ground  
B2186 Window Passenger Front Remote Down Switch Short to Battery  
B2187 Rear Wiper Select Switch "B" Short to Ground  
B2188 Rear Wiper Select Switch "E" Short to Ground  
B2190 Window Passenger Rear Remote Up Switch Short to Battery  
B2194 Window Passenger Rear Remote Down Switch Short to Battery  
B2195 Driver Window Up / Down Power Circuit Short to Ground  
B2196 Passenger Window Up / Down Power Circuit Short to Ground  
B2197 TV Module Error  
B2198 TrafficMaster Module Error  
B2199 VICS Module Error  
B2200 No Communication to TV Module (No Fitting of TV)  
B2201 No Communication With Traffic MasterModule  
B2202 No Communication to VICS Module (No Fitting of VICS)  
B2203 CD-ROM Error  
B2204 GPS Antenna Connection Open or Short  
B2205 GPS Receiver Error  
B2206 Gyroscope Error  
B2207 ECU ROM Checksum Error  
B2208 Communication Link to Display and Switch Module Error  
B2209 Interior Lamp Override Switch Open Circuit  
B2210 Interior Lamp Override Switch Short to Ground  
B2211 Low Coolant Lamp Output Circuit Short to Battery  
B2214 Window Passenger Front Up Switch Short to Battery  
B2215 Window Passenger Front Down Switch Short to Battery  
B2219 Window Driver Front Current Feedback Exceeded  
B2220 Window Driver Rear Current Feedback Exceeded  
B2221 Window Passenger Front Current Feedback Exceeded  
B2222 Window Passenger Rear Current Feedback Exceeded  
B2223 Mirror Driver Drive Circuit Failure  
B2224 Mirror Passenger Drive Circuit Failure  
B2225 Front Crash Sensor Mount Fault  
B2226 Front Crash Sensor Internal Fault  
B2227 Front Crash Sensor Driver Communications Fault  
B2228 Air Bag Driver Circuit Short to Ground - Loop #2  
B2229 Air Bag Passenger Circuit Short to Ground - Loop #2  
B2230 Air Bag Driver Circuit Short to Battery - Loop #2  
B2231 Air Bag Passenger Circuit Short to Battery - Loop #2  
B2232 Air Bag Driver Circuit Open - Loop #2  
B2233 Air Bag passenger Circuit Open - Loop #2  
B2234 Air Bag Driver Inflator Circuit Resistance Low on Squib - Loop #2  
B2235 Air Bag Passenger Inflator Circuit  
B2236 Weak or Defected Electric Vehicle Battery Module Fault  
B2237 Vehicle Signal indicating Park While VSS Present  
B2238 Power Cable For Power Sliding Door Broken

B2239 Rear Cargo Door Set Switch Stuck (Short to Ground)  
B2240 Rear Cargo Door Reset Switch Stuck (Short to Ground)  
B2241 Rear Cargo Door Lock Circuit Short to Ground  
B2242 Rear Cargo Door Unlock Circuit Open  
B2243 Driver Rear Door Ajar Circuit Open  
B2244 Driver Sliding Door Ajar Circuit Short to GND  
B2245 Passenger Rear Door Ajar Circuit Open  
B2246 Passenger Sliding Door Ajar Circuit Short to GND  
B2247 EV Battery Pack Temperature Fault  
B2248 Heated Windshield Relay Coil Circuit Failure  
B2249 Head Lamp Relay Coil Short to Battery  
B2250 All Doors Unlock Relay Circuit Failure  
B2251 Parklamp Output Relay Driver Circuit Failure  
B2252 Parklamp Output Relay Dirver Short to Battery  
B2300 Seat Driver Memory Position Error  
B2301 Seat Passenger Memory Position Error  
B2302 Seat Headrest Feedback Potentiometer Circuit Failure  
B2303 Seat Headrest Feedback Potentiometer Circuit Open  
B2304 Seat Headrest Feedback Potentiometer Circuit Short to Battery  
B2305 Seat Headrest Feedback Potentiometer Circuit Short to Ground  
B2306 Seat Headrest Motor Stalled  
B2310 Mirror Driver Memory Position Error  
B2311 Mirror Passenger Memory Position Error  
B2312 Mirror Passenger Horizontal Feedback Potentiometer Circuit Failure  
B2313 Mirror Passenger Horizontal Feedback Potentiometer Circuit Open  
B2314 Mirror Passenger Horizontal Feedback Potentiometer Circuit Short to Battery  
B2315 Mirror Passenger Horizontal Feedback Potentiometer Circuit Short to Ground  
B2316 Mirror Passenger Vertical Feedback Potentiometer Circuit Failure  
B2317 Mirror Passenger Vertical Feedback Potentiometer Circuit Open  
B2318 Mirror Passenger Vertical Feedback Potentiometer Circuit Short to Battery  
B2319 Mirror Passenger Vertical Feedback Potentiometer Circuit Short to Ground  
B2320 Mirror Driver Horizontal Feedback Potentiometer Circuit Failure  
B2321 Mirror Driver Horizontal Feedback Potentiometer Circuit Open  
B2322 Mirror Driver Horizontal Feedback Potentiometer Circuit Short to Battery  
B2323 Mirror Driver Horizontal Feedback Potentiometer Circuit Short to Ground  
B2324 Mirror Driver Vertical Feedback Potentiometer Circuit Failure  
B2325 Mirror Driver Vertical Feedback Potentiometer Circuit Open  
B2326 Mirror Driver Vertical Feedback Potentiometer Circuit Short to Battery  
B2327 Mirror Driver Vertical Feedback Potentiometer Circuit Short to Ground  
B2328 Column Reach Feedback Potentiometer Circuit Failure  
B2329 Column Reach Feedback Potentiometer Circuit Open  
B2330 Column Reach Feedback Potentiometer Circuit Short to Battery  
B2331 Column Reach Feedback Potentiometer Circuit Short to Ground  
B2332 Column Tilt Feedback Potentiometer Circuit Failure  
B2333 Column Tilt Feedback Potentiometer Circuit Open  
B2334 Column Tilt Feedback Potentiometer Circuit Short to Battery

B2335 Column Tilt Feedback Potentiometer Circuit Short to Ground  
B2336 Mirror Switch Assembly Circuit Failure  
B2337 Mirror Switch Assembly Circuit Open  
B2338 Mirror Switch Assembly Circuit Short to Battery  
B2339 Mirror Switch Assembly Circuit Short to Ground  
B2340 Column Reach Motor Stalled  
B2341 Column Tilt Motor Stalled  
B2342 Seat Switch Reference Voltage Positive Common Open Circuit  
B2343 Seat Switch Reference Voltage Positive Common Supply Low Voltage  
B2344 Seat Switch Reference Voltage Positive Common Supply Voltage Fault  
B2345 Seat Switch Reference Voltage Negative Common Open Circuit  
B2346 Mirror Switch Reference Voltage Positive Common Open Circuit  
B2347 Mirror Switch Reference Voltage Positive Common Supply Low Voltage  
B2348 Mirror Switch Reference Voltage Positive Common Supply Voltage Fault  
B2349 Mirror Switch Reference Voltage Negative Common Open Circuit  
B2350 Steering Column Switch Circuit Short to Battery  
B2351 Steering Column Switch Circuit Failure  
B2352 Driver Memory Power Switch Indicator Circuit Short to Battery  
B2353 Driver Mirror Power Driver Circuit Short Ground  
B2354 Driver Mirror Horizontal / Vertical Feedback Potentiometer Circuit Open  
B2355 Passenger Mirror Horizontal / Vertical Feedback Potentiometer Circuit Open  
B2357 Driver Window Down Current Sense Low Circuit Failure  
B2362 Remote Open/Close signal Circuit Short to Ground  
B2363 Optical Sensor System Failure  
B2364 Fuel Filler Door Circuit Open  
B2365 B-pillar Power Sliding Door Open/Close Switch Input Ckt Short to Gnd  
B2366 IP Power Sliding Door Open/Close switch Ckt Short to Gnd  
B2367 Power Sliding Door Override Switch Input Ckt Short to Gnd  
B2368 Steering Column Switch Circuit Out of Range  
B2369 Chime OUTPUT Request Ckt Short to Ground  
B2373 LED #1 Circuit Short to Battery  
B2374 Power Sliding Detent (Latch) Circuit Failure  
B2380 Heater Coolant Temp sensor circuit Short to GND  
B2381 Heater Coolant Temp sensor circuit Open  
B2384 Audio Reverse Aid Mute Input Ckt Failure  
B2385 Audio Navigation Mute Input Ckt Failure  
B2401 Audio Tape Deck Mechanism Fault  
B2402 Audio CD/DJ Thermal Shutdown Fault  
B2403 Audio CD/DJ Internal Fault  
B2404 Audio Steering Wheel Switch Circuit Fault  
B2405 Audio Single-Disc CD Player Thermal Shutdown Fault  
B2406 Audio Single-Disc CD Player Internal Fault  
B2416 Climate Control Recirculation Actuator Out of Limits  
B2425 Remote Keyless Entry Out of Synchronization  
B2426 Passenger Solar Radiation Sensor Circuit Open  
B2427 Passenger Solar Radiation Sensor Circuit Short to Ground

B2428 A/C Post Heater Sensor #2 Circuit Failure  
B2429 A/C Post Heater Sensor #2 Circuit Short to Ground  
B2431 Transponder Programming Failed  
B2432 Drivers Seat Belt Buckle Switch Circuit Open  
B2433 Drivers Seat Belt Buckle Switch Circuit Short to Battery  
B2434 Drivers Seat Belt Buckle Switch Circuit Short to Ground  
B2435 Drivers Seat Belt Buckle Switch Resistance out of Range  
B2436 Passengers Seat Belt Buckle Switch Circuit Open  
B2437 Passengers Seat Belt Buckle Switch Circuit Short to Battery  
B2438 Passengers Seat Belt Buckle Switch Circuit Short to Ground  
B2439 Passengers Seat Belt Buckle Switch Resistance out of Range  
B2440 Passenger Side, Side crash sensor mount fault  
B2441 Driver Side, Side crash sensor mount fault  
B2442 Intrusion Sensor Fault  
B2443 Powertrain Performance Mode Switch Circuit failure  
B2444 Driver Side Crash Sensor Internal Fault  
B2445 Passenger Side Crash Sensor Internal Fault  
B2446 RESCU/VEMS Input Circuit Open  
B2447 RESCU/VEMS Input Circuit Short to Battery  
B2448 RESCU/VEMS Input Circuit Short to Ground  
B2449 Aux Heater Glow Plug Circuit Short to Ground  
B2450 Aux Heater Glow Plug Circuit Open  
B2451 Aux Heater Fuel Pump Circuit Short to Ground  
B2452 Aux Heater Fuel Pump Circuit Open  
B2453 Aux Heater Blower Fan Circuit Short to Ground  
B2454 Aux Heater Blower Fan Circuit Open  
B2455 Aux Heater Blower Faulted  
B2456 Aux Heater Coolant Sensor Circuit Short to Ground  
B2457 Aux Heater Coolant Sensor Circuit Open  
B2458 Aux Heater Overheat Sensor Circuit Short to Ground  
B2459 Aux Heater Overheat Sensor Circuit Open  
B2460 Aux Heater Flame Sensor Circuit Short to Ground  
B2461 Aux Heater Flame Sensor Circuit Open  
B2462 Aux Heater Flame Out Fault  
B2463 Aux Heater Overheat Fault  
B2464 Aux Heater Start Time Exceeded  
B2465 Aux Heater Start Counter Overrun/System Locked (same as below ?)  
B2466 Aux Heater Overheat Counter Overrun/System Locked  
B2467 Aux Heater Cool Down Time Exceeded (may be con to a453-5 )  
B2468 Aux Heater Coolant Pump Circuit Short to Ground  
B2469 Aux Heater Coolant Pump Circuit Open  
B2470 Interior Fan Control Circuit Short to Ground  
B2471 Interior Fan Control Circuit Open  
B2472 Fog Lamp Switch Failure  
B2473 Passenger Door Disarm Switch ckt Short to Ground  
B2474 Passenger Door Lock Switch Circuit Shorted to Ground

B2475 Passenger Door Unlock Switch Circuit Shorted to Ground  
B2476 RADIO PRESENT SWITCH Ckt Failure  
B2477 Module Configuration Failure  
B2478 ANTI THEFT INPUT SIGNAL SHORT TO GROUND  
B2479 BRAKE PARK SWITCH CIRCUIT SHORT TO GROUND  
B2480 LF CORNER LAMP OUTPUT Ckt Short to Battery  
B2481 Convertible Top Up/Down switch Fault  
B2482 RF CORNER LAMP OUTPUT Ckt Short to Battery  
B2483 Enable Signal Open Circuit  
B2484 Disable Signal Short to Ground  
B2485 LF SIDE REPEATER LAMP OUTPUT Ckt Short to Battery  
B2487 RF SIDE REPEATER LAMP OUTPUT Ckt Short to Battery  
B2489 UNDERHOOD LAMP OUTPUT CIRCUIT Failure  
B2490 UNDERHOOD LAMP OUTPUT CIRCUIT Short to Battery  
B2491 RF PARK LAMP OUTPUT CIRCUIT Short to Battery  
B2492 Already Programmed (Test Mode DTC Only !!!)  
B2493 LF PARK LAMP OUTPUT CIRCUIT Short to Battery  
B2494 ANTI THEFT HORN OUTPUT CIRCUIT Short to Batt  
B2495 ANTI THEFT HORN OUTPUT CIRCUIT Failure  
B2496 ANTI THEFT HORN OUTPUT CIRCUIT Short to Gnd  
B2499 COURTESY LAMP OUTPUT Failure  
B2500 COURTESY LAMP OUTPUT Ckt Short to Battery  
B2501 LF LAMP LOW BEAM CIRCUIT Failure  
B2502 LF LAMP LOW BEAM CIRCUIT Short to Battery  
B2503 RF LAMP LOW BEAM CIRCUIT Failure  
B2504 RF LAMP LOW BEAM CIRCUIT Short to Battery  
B2505 LF LAMP HIGH BEAM CIRCUIT Failure  
B2506 LF LAMP HIGH BEAM CIRCUIT Short to Battery  
B2507 RF LAMP HIGH BEAM CIRCUIT Failure  
B2508 RF LAMP HIGH BEAM CIRCUIT Short to Battery  
B2509 Rear Fog Lamp Switch Circuit Failure  
B2510 Main Blower Motor Relay Circuit Short to Battery  
B2511 Horn Output Relay Circuit Short to Battery  
B2512 Front Fog Lamp Relay Ckt Short to Battery  
B2513 Blower (Fan) Circuit Failure  
B2514 Blower (Fan) Circuit Short to Vbatt  
B2515 Heater Blower Relay Circuit Failure  
B2516 Blower Control Circuit Failure  
B2517 Emergency Power Off System Faulted  
B2518 Compressor Overtemp Fault  
B2519 High Mount Stop Lamp Circuit Failure  
B2520 High Mount Stop Lamp Circuit Short to Battery  
B2523 License Lamp Circuit Failure  
B2524 License Lamp Circuit Short to Battery  
B2525 Left Rear Backup Lamp Circuit Failure  
B2526 Left Rear Backup Lamp Circuit Short to Battery

B2527 Left Rear Stop lamp Circuit Failure  
B2528 Left Rear Stop lamp Circuit Short to Battery  
B2529 Left Rear Turn Lamp Circuit Failure  
B2530 Left Rear Turn Lamp Circuit Short to Battery  
B2531 Right Rear Backup Lamp Circuit Failure  
B2532 Right Rear Backup Lamp Circuit Short to Battery  
B2533 Right Rear Stop lamp Circuit Failure  
B2534 Right Rear Stop lamp Circuit Short to Battery  
B2535 Right Rear Turn Lamp Circuit Failure  
B2536 Right Rear Turn Lamp Circuit Short to Battery  
B2539 Aux A/C Mode Position Reference Circuit Short to Ground  
B2540 Aux A/C Mode Position Reference Circuit Short to Battery  
B2543 Aux A/C Control Switch Reference Circuit Short to Ground  
B2544 Aux A/C Control Switch Reference Circuit Short to Battery  
B2545 System Power Relay Circuit Short to Battery  
B2546 System Power Relay Circuit Failure  
B2550 LAMP DOME OUTPUT Circuit Short to Ground  
B2553 Disable Signal Output Circuit Short to Battery  
B2554 LAMP DOME OUTPUT Circuit Failure  
B2555 LAMP DOME OUTPUT Circuit Short to Battery  
B2556 Enable Signal Circuit Short to Battery  
B2557 Left Power Sliding Door Open/Close Output Circuit Short to Battery  
B2558 Right Power Sliding Door Open/Close Output Circuit Short to Battery  
B2559 Aux A/C Blower Motor Relay Circuit Short to Battery  
B2560 Aux A/C Blower Motor Relay Circuit Short to Ground  
B2561 Aux A/C Blower Speed 1 Circuit Failure  
B2562 Aux A/C Blower Speed 1 Circuit Short to Ground  
B2563 Aux A/C Blower Speed 2 Circuit Failure  
B2564 Aux A/C Blower Speed 2 Circuit Short to Ground  
B2565 Right Tail Lamp Circuit Failure  
B2566 Right Tail Lamp Circuit Short to Ground  
B2567 Reverse Mirror Output Circuit Failure  
B2568 Reverse Mirror Output Circuit Short to Ground  
B2569 Liftgate Disarm Switch Circuit Short to Ground  
B2570 Right Lamp Outage Signal Circuit Short to Ground  
B2571 Left Lamp Outage Signal Circuit Short to Ground  
B2580 Aux Blower Sense Switch Circuit Failure  
B2581 Passenger Seat Occupant Detection Circuit Short To Ground  
B2582 Passenger Seat Occupant Detection Circuit Open  
B2583 Child Seat Detection Circuit Short to Ground  
B2584 Child Seat Detection Circuit Open  
B2585 Anti Theft Input Signal Circuit Short To Battery  
B2586 Headlamp Mode Select Circuit Failure  
B2587 Passenger Seat Occupant Detection Circuit Short To Battery  
B2588 Child Seat Detection Circuit Short To Battery  
B2589 Unexpected Door Reversal During Close

B2590 Vehicle Park/Speed Signal Circuit Failure  
B2591 Detent Signal Missing During Unlatch  
B2592 PSD Not Fully Closed (Module Commanded Successfully)  
B2593 Power Sliding Door Opened During Module Close Command  
B2594 No Movement Detected After an Unlatch During Power Open  
B2595 Anti Theft Input Signal Circuit Failure  
B2596 Headlamp Aim Output Relay Circuit Short To Battery  
B2597 Headlamp Aim Output Relay Circuit Failure  
B2598 Headlamp Relay Circuit Failure  
B2599 Tailgate Release Open Circuit  
B2600 Double Locking Door Motor Frozen  
B2601 No Latch Signal Sensed on Closing and Door Reversed  
B2602 Missing Latch Signal During Power Sliding Door Unlatch  
B2603 PSD Not Fully Closed During Self-Test  
B2604 Power Sliding Door On/Off Switch Open Circuit  
B2605 Disable Signal Open Circuit  
B2606 A/C Temperature Sensor Out of Range

#### OBDII Chassis (C) Codes

C0000 Vehicle Speed Information Circuit Malfunction  
C0035 Left Front Wheel Speed Circuit Malfunction  
C0040 Right Front Wheel Speed Circuit Malfunction  
C0041 Right Front Wheel Speed Sensor Circuit Range/Performance (EBCM)  
C0045 Left Rear Wheel Speed Circuit Malfunction  
C0046 Left Rear Wheel Speed Sensor Circuit Range/Performance (EBCM)  
C0050 Right Rear Wheel Speed Circuit Malfunction  
C0051 LF Wheel Speed Sensor Circuit Range/Performance (EBCM)  
C0060 Left Front ABS Solenoid #1 Circuit Malfunction  
C0065 Left Front ABS Solenoid #2 Circuit Malfunction  
C0070 Right Front ABS Solenoid #1 Circuit Malfunction  
C0075 Right Front ABS Solenoid #2 Circuit Malfunction  
C0080 Left Rear ABS Solenoid #1 Circuit Malfunction  
C0085 Left Rear ABS Solenoid #2 Circuit Malfunction  
C0090 Right Rear ABS Solenoid #1 Circuit Malfunction  
C0095 Right Rear ABS Solenoid #2 Circuit Malfunction  
C0110 Pump Motor Circuit Malfunction  
C0121 Valve Relay Circuit Malfunction  
C0128 Low Brake Fluid Circuit Low  
C0141 Left TCS Solenoid #1 Circuit Malfunction  
C0146 Left TCS Solenoid #2 Circuit Malfunction  
C0151 Right TCS Solenoid #1 Circuit Malfunction  
C0156 Right TCS Solenoid #2 Circuit Malfunction  
C0161 ABS/TCS Brake Switch Circuit Malfunction  
C0221 Right Front Wheel Speed Sensor Circuit Open  
C0222 Right Front Wheel Speed Signal Missing  
C0223 Right Front Wheel Speed Signal Erratic

C0225 Left Front Wheel Speed Sensor Circuit Open  
C0226 Left Front Wheel Speed Signal Missing  
C0227 Left Front Wheel Speed Signal Erratic  
C0229 Drop Out of Front Wheel Speed Signals  
C0235 Rear Wheel Speed Signal Circuit Open  
C0236 Rear Wheel Speed Signal Circuit Missing  
C0237 Rear Wheel Speed Signal Erratic  
C0238 Wheel Speed Mismatch  
C0241 EBCM Control Valve Circuit  
C0245 Wheel Speed Sensor Frequency Error  
C0254 EBCM Control Valve Circuit  
C0265 EBCM Relay Circuit  
C0266 EBCM Relay Circuit  
C0267 Pump Motor Circuit Open/Shorted  
C0268 Pump Motor Circuit Open/Shorted  
C0269 Excessive Dump/Isolation Time  
C0271 EBCM Malfunction  
C0272 EBCM Malfunction  
C0273 EBCM Malfunction  
C0274 Excessive Dump/Isolation Time  
C0279 Powertrain Configuration Not Valid  
C0281 Brake Switch Circuit  
C0283 Traction Switch Shorted to Ground  
C0284 EBCM Malfunction  
C0286 ABS Indicator Lamp Circuit Shorted to B+  
C0287 Delivered Torque Circuit  
C0288 Brake Warning Lamp Circuit Shorted to B+  
C0290 Lost Communications With PCM  
C0292 Lost Communications With PCM  
C0291 Lost Communications With BCM  
C0297 Powertrain Configuration Data Not Received  
C0298 Powertrain Indicated Traction Control Malfunction  
C0300 Rear Speed Sensor Malfunction  
C0305 Front Speed Sensor Malfunction  
C0306 Motor A or B Circuit  
C0308 Motor A/B Circuit Low  
C0309 Motor A/B Circuit High  
C0310 Motor A/B Circuit Open  
C0315 Motor Ground Circuit Open  
C0321 Transfer Case Lock Circuit  
C0323 T-Case Lock Circuit Low  
C0324 T-Case Lock Circuit High  
C0327 Encoder Circuit Malfunction  
C0357 Park Switch Circuit High  
C0359 Four Wheel Drive Low Range (4LO) Discrete Output Circuit  
C0362 4LO Discrete Output Circuit High

C0367 Front Axle Control Circuit High  
C0374 General System Malfunction  
C0376 Front/Rear Shaft Speed Mismatch  
C0379 Front Axle System  
C0387 Unable to Perform Shift  
C0472 Steering Handwheel Speed Sensor Signal V Low  
C0473 Steering Handwheel Speed Sensor Signal V High  
C0495 EVO Tracking Error  
C0498 Steering Assist Control Actuator Feed Circuit Low  
C0499 Steering Assist Control Solenoid Feed Circuit High  
C0503 Steering Assist Control Solenoid Return Circuit Low  
C0504 Steering Assist Control Solenoid Return Circuit High  
C0550 ECU Malfunction - internal write / checksum malfunction  
C0559 EEPROM Checksum Error  
C0563 Calibration ROM Checksum Error  
C0577 Left Front Solenoid Circuit Low  
C0578 Left Front Solenoid Circuit High  
C0579 Left Front Solenoid Circuit Open  
C0582 Right Front Solenoid Circuit Low  
C0583 Right Front Solenoid Circuit High  
C0584 Right Front Solenoid Circuit Open  
C0587 Left Rear Solenoid Circuit Low  
C0588 Left Rear Solenoid Circuit High  
C0589 Left Rear Solenoid Circuit Open  
C0592 Right Rear Solenoid Circuit Low  
C0593 Right Rear Solenoid Circuit High  
C0594 Right Rear Solenoid Circuit Open  
C0611 VIN Information Error  
C0615 Left Front Position Sensor Malfunction  
C0620 Right Front Position Sensor Malfunction  
C0625 Left Rear Position Sensor Malfunction  
C0628 Level Control Position Sensor Circuit High  
C0630 Right Rear Position Sensor Malfunction  
C0635 Left Front Normal Force Circuit Malfunction  
C0638 Left Front Normal Force Circuit High  
C0640 Right Front Normal Force Circuit Malfunction  
C0643 Right Front Normal Force Circuit High  
C0655 Level Control Compressor Relay Malfunction  
C0657 Level Control Compressor Circuit Low  
C0658 Level Control Compressor Circuit High  
C0660 Level Control Exhaust Valve Circuit Malfunction  
C0662 Level Control Exhaust Valve Circuit Low  
C0663 Level Control Exhaust Valve Circuit High  
C0665 Chassis Pitch Signal Circuit  
C0690 Damper Control Relay Circuit Malfunction  
C0691 Damper Control Relay Circuit Range

C0693 Damper Control Relay Circuit High  
C0695 Position Sensor Overcurrent (8 volt supply)  
C0696 Position Sensor Overcurrent (5 volt supply)  
C0710 Steering Position Signal Malfunction  
C0750 Tire Pressure Monitor (TPM) system sensor not transmitting  
C0755 Tire Pressure Monitor (TPM) system sensor not transmitting  
C0760 Tire Pressure Monitor (TPM) system sensor not transmitting  
C0765 Tire Pressure Monitor (TPM) system sensor not transmitting  
C0800 Device Power #1 Circuit Malfunction  
C0896 Electronic Suspension Control (ESC) voltage is outside the normal range of 9 to 15.5 volts  
C1091 Speed Wheel Sensor All Coherency Failure  
C1095 ABS Hydraulic Pump Motor Circuit Failure  
C1096 ABS Hydraulic Pump Motor Circuit Open  
C1097 ABS Hydraulic Pump Motor Circuit Short To Ground  
C1098 ABS Hydraulic Pump Motor Circuit Short To Battery  
C1100 ABS Pump Switch Circuit Failure  
C1101 ABS Hydraulic Valve Circuit Failure  
C1102 ABS Acceleration Switch Circuit Failure  
C1103 ABS Hydraulic Brake Switch Circuit Failure  
C1104 Traction Control Active Lamp - Circuit Short to Battery  
C1105 Traction Control Disable Lamp - Circuit Short to Battery  
C1106 Traction Control Disable Switch Circuit Short to Battery  
C1107 ABS Function Enabled Input Circuit Failure  
C1109 Speed Control Actuator Assembly Cable Release Failure  
C1110 ABS Power Relay Coil Circuit Failure  
C1111 ABS Power Relay Coil Open Circuit  
C1112 ABS Power Relay Coil Short Circuit To Ground  
C1113 ABS Power Relay Coil Short Circuit To Battery  
C1114 ABS Power Relay Output Short Circuit To Ground  
C1115 ABS Power Relay Output Short Circuit To Battery  
C1116 Starter Motor Circuit Failure  
C1117 RPM Input Circuit Failure  
C1123 Vehicle Speed Sensor Input Short to Battery  
C1124 Input shaft speed signal missing/faulted  
C1125 Brake Fluid Level Sensor Input Circuit Failure  
C1126 Cruise Control Command Switch Assembly Circuit Failure  
C1127 Cruise Control Deactivator Brake Switch Circuit Failure  
C1132 Clutch position ckt short to ground  
C1133 Clutch position ckt short to battery  
C1134 Gear Shift position short to ground  
C1135 Gear Shift position short to battery  
C1136 Gear Select position short to ground  
C1137 ECU is Defective  
C1138 Gear Select position short to Battery  
C1139 Wheel Speed Sensor Center Tone Ring Missing Tooth Fault

C1140 Hydraulic Base Brake Failure  
C1141 Wheel Speed Sensor LF Tone Ring Tooth Missing Fault  
C1142 Wheel Speed Sensor RF Tone Ring Tooth Missing Fault  
C1143 Wheel Speed Sensor LR Tone Ring Tooth Missing Fault  
C1144 Wheel Speed Sensor RR Tone Ring Tooth Missing Fault  
C1145 Speed Wheel Sensor RF Input Circuit Failure  
C1146 Speed Wheel Sensor RF Circuit Open  
C1148 Speed Wheel Sensor RF Coherency Fault  
C1149 Hydraulic Fluid Pressure/ Flow Circuit Failure  
C1150 Two Speed Rear Axle Input Switch Circuit Short to Vbatt  
C1155 Speed Wheel Sensor LF Input Circuit Failure  
C1156 Speed Wheel Sensor LF Circuit Open  
C1157 Park Brake Actuator Assembly Switch Applied Circuit Failure  
C1158 Speed Wheel Sensor LF Coherency Fault  
C1159 Hydraulic Fluid Pressure/ Flow Circuit Short to Gnd  
C1161 Air Pressure Low Circuit Short to Gnd  
C1162 Park Brake Switch # 2 Released Circuit Failure  
C1163 Park Brake Switch # 2 Applied Circuit Short to Gnd  
C1164 Park Brake Actuator Assembly Switch Circuit Failure  
C1165 Speed Wheel Sensor RR Input Circuit Failure  
C1166 Speed Wheel Sensor RR Input Open Circuit  
C1167 Park Brake Actuator Assembly Switch Released Circuit Short to Gnd  
C1168 Speed Wheel Sensor RR Coherency Fault  
C1169 ABS Fluid Dumping Exceeds Maximum Timing  
C1170 PRNDL Switch Circuit Failure  
C1172 Park Brake Switch # 1 Applied Circuit Failure  
C1173 Park Brake Switch # 1 Released Circuit Short to Gnd  
C1174 Park Brake Switch # 2 Applied Circuit Failure  
C1175 Speed Wheel Sensor LR Input Circuit Failure  
C1176 Speed Wheel Sensor LR Circuit Open  
C1177 Park Brake Actuator Assembly Switch Released Circuit Failure  
C1178 Speed Wheel Sensor LR Coherency Fault  
C1179 Speed Control Actuator Assembly Cable Slack Failure  
C1180 Park Brake Valve Solenoid #1 Sense Input Circuit Failure  
C1181 Park Brake Valve Solenoid #1 Sense Input Circuit Short to Gound  
C1182 Park Lamp Flash Relay Circuit Failure  
C1183 Park Lamp Flash Relay Circuit Short to Battery  
C1184 ABS System Is Not Operational  
C1185 ABS Power Relay Output Circuit Failure  
C1186 ABS Power Relay Output Open Circuit  
C1187 Brake Fluid Level Sensor Input Open Circuit  
C1188 Brake Fluid Level Sensor Input Short Circuit To Battery  
C1189 Brake Fluid Level Sensor Input Short Circuit To Ground  
C1190 Speed Wheel Sensor LF Input Short Circuit To Battery  
C1191 Speed Wheel Sensor LF Input Short Circuit To Ground  
C1192 Speed Wheel Sensor RF Input Short Circuit To Battery

C1193 Speed Wheel Sensor RF Input Short Circuit To Ground  
C1194 ABS Outlet Valve Coil LF Circuit Failure  
C1195 ABS Outlet Valve Coil LF Circuit Open  
C1196 ABS Outlet Valve Coil LF Circuit Short To Battery  
C1197 ABS Outlet Valve Coil LF Circuit Short To Ground  
C1198 ABS Inlet Valve Coil LF Circuit Failure  
C1199 ABS Inlet Valve Coil LF Circuit Open  
C1200 ABS Inlet Valve Coil LF Circuit Short To Battery  
C1201 ABS Inlet Valve Coil LF Circuit Short To Ground  
C1202 ABS Outlet Valve Coil Rear Circuit Failure  
C1203 ABS Outlet Valve Coil Rear Circuit Open  
C1204 ABS Outlet Valve Coil Rear Circuit Short To Battery  
C1205 ABS Outlet Valve Coil Rear Circuit Short To Ground  
C1206 ABS Inlet Valve Coil Rear Circuit Failure  
C1207 ABS Inlet Valve Coil Rear Circuit Open  
C1208 ABS Inlet Valve Coil Rear Circuit Short To Battery  
C1209 ABS Inlet Valve Coil Rear Circuit Short To Ground  
C1210 ABS Outlet Valve Coil RF Circuit Failure  
C1211 ABS Outlet Valve Coil RF Circuit Open  
C1212 ABS Outlet Valve Coil RF Circuit Short To Battery  
C1213 ABS Outlet Valve Coil RF Circuit Short To Ground  
C1214 ABS Inlet Valve Coil RF Circuit Failure  
C1215 ABS Inlet Valve Coil RF Circuit Open  
C1216 ABS Inlet Valve Coil RF Circuit Short To Battery  
C1217 ABS Inlet Valve Coil RF Circuit Short To Ground  
C1218 Lamp ABS Warning Output Circuit Failure  
C1219 Lamp ABS Warning Output Circuit Open  
C1220 Lamp ABS Warning Output Circuit Short To Battery  
C1221 Lamp ABS Warning Output Circuit Short To Ground  
C1222 Speed Wheel Mismatch  
C1223 Lamp Brake Warning Output Circuit Failure  
C1224 Lamp Brake Warning Output Circuit Open  
C1225 Lamp Brake Warning Output Circuit Short To Battery  
C1226 Lamp Brake Warning Output Circuit Short To Ground  
C1227 Speed Wheel Sensor LR Input Short Circuit To Battery  
C1228 Speed Wheel Sensor LR Input Short Circuit To Ground  
C1229 Speed Wheel Sensor Rear Center Coherency Fault  
C1230 Speed Wheel Sensor Rear Center Input Circuit Failure  
C1231 Speed Wheel Sensor Rear Center Circuit Open  
C1232 Speed Wheel Sensor Rear Center Input Short Circuit To Battery  
C1233 Speed Wheel LF Input Signal Missing  
C1234 Speed Wheel RF Input Signal Missing  
C1235 Speed Wheel RR Input Signal Missing  
C1236 Speed Wheel LR Input Signal Missing  
C1237 Speed Wheel Rear Input Signal Missing  
C1238 ABS Hydraulic Pressure Differential Switch Input Circuit Failure

C1239 ABS Hydraulic Pressure Differential Switch Input Open Circuit  
C1240 ABS Hydraulic Pressure Differential Switch Input Short Circuit To Battery  
C1241 ABS Hydraulic Pressure Differential Switch Input Short Circuit To Ground  
C1242 ABS Outlet Valve Coil LR Circuit Failure  
C1243 ABS Outlet Valve Coil LR Circuit Open  
C1244 ABS Outlet Valve Coil LR Circuit Short To Battery  
C1245 ABS Outlet Valve Coil LR Circuit Short To Ground  
C1246 ABS Outlet Valve Coil RR Circuit Failure  
C1247 ABS Outlet Valve Coil RR Circuit Open  
C1248 ABS Outlet Valve Coil RR Circuit Short To Battery  
C1249 ABS Outlet Valve Coil RR Circuit Short To Ground  
C1250 ABS Inlet Valve Coil LR Circuit Failure  
C1251 ABS Inlet Valve Coil LR Circuit Open  
C1252 ABS Inlet Valve Coil LR Circuit Short To Battery  
C1253 ABS Inlet Valve Coil LR Circuit Short To Ground  
C1254 ABS Inlet Valve Coil RR Circuit Failure  
C1255 ABS Inlet Valve Coil RR Circuit Open  
C1256 ABS Inlet Valve Coil RR Circuit Short To Battery  
C1257 ABS Inlet Valve Coil RR Circuit Short To Ground  
C1258 Speed Wheel LF Comparison Failure  
C1259 Speed Wheel RF Comparison Failure  
C1260 Speed Wheel RR Comparison Failure  
C1261 Speed Wheel LR Comparison Failure  
C1262 Lamp Warning Relay Circuit Failure  
C1263 Lamp Warning Relay Circuit Open  
C1264 Lamp Warning Relay Circuit Short To Battery  
C1265 Lamp Warning Relay Circuit Short To Ground  
C1266 ABS Valve Power Relay Circuit Failure  
C1267 ABS Functions Temporarily Disabled  
C1268 Motor Relay # 1 Circuit Failure  
C1269 Motor Relay # 1 Circuit Short to Battery  
C1270 Motor # 1 Input Circuit Failure  
C1271 Motor # 1 Input Circuit Short to Gnd  
C1272 Motor # 2 Input Circuit Failure  
C1273 Motor # 2 Input Circuit Short to Vbat  
C1274 Solenoid Relay # 1 Circuit Failure  
C1275 Solenoid Relay # 1 Circuit Short to Vbatt  
C1276 Park Brake Actuator Assembly Switch Applied Circuit Short to Gnd  
C1277 STEERING Wheel Angle 1and 2 Circuit Failure  
C1278 STEERING Wheel Angle 1and 2 Signal Faulted  
C1279 Yaw Rate Sensor circuit Failure  
C1280 Yaw Rate Sensor Signal Fault  
C1281 Lateral Accelerometer circuit Failure  
C1282 Lateral Accelerometer Signal Fault  
C1283 Switch Test Signal Failure  
C1284 Oil Pressure Switch Failure

C1285 Booster Solenoid circuit Failure  
C1286 Booster Mechanical Failure  
C1287 Booster Pedal Force switch circuit Failure  
C1288 Pressure Transducer Main / Primary Input Circuit Failure  
C1289 Pressure Transducer Redundant / Secondary Input Circuit Failure  
C1400 Traction Control Valve RF Circuit Failure  
C1401 Traction Control Valve RF Circuit Open  
C1402 Traction Control Valve RF Circuit Short To Ground  
C1403 Traction Control Valve RF Circuit Short To Battery  
C1404 Traction Control Valve Rear Circuit Failure  
C1405 Traction Control Valve Rear Circuit Open  
C1406 Traction Control Valve Rear Circuit Short To Ground  
C1407 Traction Control Valve Rear Circuit Short To Battery  
C1410 Traction Control Valve LF Circuit Failure  
C1411 Traction Control Valve LF Circuit Open  
C1412 Traction Control Valve LF Circuit Short To Ground  
C1413 Traction Control Valve LF Circuit Short To Battery  
C1414 Incorrect Module Design Level  
C1415 Incorrect Module Configuration  
C1416 Damper RF Circuit Short To Battery  
C1417 Damper RF Circuit Short to Ground  
C1418 Damper RF Circuit Failure  
C1419 Damper RF Circuit Open  
C1420 Hydraulic Fluid Pressure/ Flow Circuit Short to Vbatt  
C1421 Damper LF Circuit Short To Battery  
C1422 Damper LF Circuit Short to Ground  
C1423 Damper LF Circuit Failure  
C1424 Damper LF Circuit Open  
C1425 Damper RR Circuit Short to Ground  
C1426 Damper RR Circuit Short To Battery  
C1427 Damper RR Circuit Open  
C1428 Damper RR Circuit Failure  
C1429 Input-shaft-speed input circuit failure  
C1430 Damper LR Circuit Open  
C1431 Damper LR Circuit Short To Battery  
C1432 Damper LR Circuit Short to Ground  
C1433 Damper LR Circuit Failure  
C1435 Accelerometer Rear Circuit Failure  
C1436 Accelerometer Rear Circuit Signal Is Not Sensed  
C1437 Accelerometer Rear Circuit Short To Ground  
C1438 Accelerometer Rear Circuit Short To Battery  
C1439 Vehicle Acceleration EEC-IV Circuit Failure  
C1440 Pressure Transducer Main / Primary signal Faulted  
C1441 Steering Phase A Circuit Signal Is Not Sensed  
C1442 Steering Phase B Circuit Signal Is Not Sensed  
C1443 Steering Phase A Circuit Short To Ground

C1444 Steering Phase B Circuit Short To Ground  
C1445 Speed Vehicle Signal Circuit Failure  
C1446 Brake Switch Circuit Failure  
C1447 Traction Control Module Request Circuit Failure  
C1448 Lamp Adaptive Damping Warning Circuit Failure  
C1449 Traction Control Motor Coherency Fault  
C1450 Traction Control Motor Circuit Failure  
C1451 Traction Control Motor Circuit Open  
C1452 Traction Control Motor Circuit Short to Battery  
C1453 Traction Control Motor Circuit Short to Ground  
C1454 Front Lateral Accelerometer Circuit Failure  
C1455 Accelerometer Front Circuit Failure  
C1456 Accelerometer Front Circuit Is Not Sensed  
C1457 Accelerometer Front Circuit Short To Ground  
C1458 Accelerometer Front Circuit Short To Battery  
C1459 Adaptive Mode Switch Circuit Failure  
C1460 Vehicle Accelerometer Power Circuit Failure  
C1461 Vehicle Accelerometer Power Circuit Short to Battery  
C1462 Left Front Vertical Accelerometer Circuit Failure  
C1463 Right Front Vertical Accelerometer Circuit Failure  
C1464 Pressure Transducer Redundant / Secondary Signal Faulted  
C1465 Damper High Side Front Circuit Short To Battery  
C1466 Damper Circuit Failure  
C1467 Damper High Side Rear Circuit Short To Battery  
C1468 Damper Low Side Front Circuit Failure  
C1469 Damper Low Side Rear Circuit Failure  
C1495 Traction Control Motor Potentiometer Circuit Failure  
C1496 Traction Control Motor Potentiometer Circuit Open  
C1497 Traction Control Motor Potentiometer Circuit Short to Battery  
C1498 Traction Control Motor Potentiometer Circuit Short to Ground  
C1499 Transfer Case Contact Plate "A" Encoder Circuit Failure  
C1500 Transfer Case Contact Plate "B" Encoder Circuit Failure  
C1501 Transfer Case Contact Plate "C" Encoder Circuit Failure  
C1502 Transfer Case Contact Plate "D" Encoder Circuit Failure  
C1503 Dynamic Stability Control Left Front Valve Malfunction  
C1504 Dynamic Stability Control Right Front Valve Malfunction  
C1505 Dynamic Stability Control Left Rear Valve Malfunction  
C1506 Dynamic Stability Control Right Rear Valve Malfunction  
C1507 Traction Control of Brake Exceeds Time-Out  
C1508 Traction Control of Engine Exceeds Time-Out  
C1510 Right Front Wheel Pressure Reduction Performance Problem  
C1511 Left Front Wheel Pressure Reduction Performance Problem  
C1512 Right Rear Wheel Pressure Reduction Performance Problem  
C1513 Left rear Wheel Pressure Reduction Performance Problem  
C1699 Left Rear Sensor Circuit Short to Vbat  
C1700 Left Rear Sensor Circuit Failure

C1701 Left Rear Sensor Circuit Fault  
C1702 RightRear Sensor Circuit Short to Vbat  
C1703 Right Rear Sensor Circuit Failure  
C1704 Right Rear Sensor Circuit Fault  
C1705 Left Rear Center Sensor Circuit Short to Vbat  
C1706 Left Rear Center Sensor Circuit Failure  
C1707 Left Rear Center Sensor Circuit Fault  
C1708 Right Rear Center Sensor Circuit Short to Vbat  
C1709 Right Rear Center Sensor Circuit Failure  
C1710 Right Rear Center Sensor Circuit Fault  
C1711 Left Front Sensor Circuit Short to Vbat  
C1712 Left Front Sensor Circuit Failure  
C1713 Left Front Sensor Circuit Fault  
C1714 Right Front Sensor Circuit Short to Vbat  
C1715 Right Front Sensor Circuit Failure  
C1716 Right Front Sensor Circuit Fault  
C1717 Left Front Center Sensor Circuit Short to Vbat  
C1718 Left Front Center Sensor Circuit Failure  
C1719 Left Front Center Sensor Circuit Fault  
C1721 Air Suspension Height Sensor Power Circuit Open  
C1722 Air Suspension Height Sensor Power Circuit Short To Battery  
C1723 Air Suspension Height Sensor Power Circuit Short To Ground  
C1724 Air Suspension Height Sensor Power Circuit Failure  
C1725 Air Suspension Front Pneumatic Failure  
C1726 Air Suspension Rear Pneumatic Failure  
C1727 Air Suspension Reservoir Pneumatic Failure  
C1728 Transfer Case unable to transition between 2H and 4H  
C1729 Transfer Case unable to transition between 4H and 4L  
C1730 Reference Voltage Out of Range (+5 v)  
C1731 Air Suspension LF Corner Up Timeout  
C1732 Air Suspension LF Corner Down Timeout  
C1733 Air Suspension RF Corner Up Timeout  
C1734 Air Suspension RF Corner Down Timeout  
C1735 Air Suspension LR Corner Up Timeout  
C1736 Air Suspension LR Corner Down Timeout  
C1737 Air Suspension RR Corner Up Timeout  
C1738 Air Suspension RR Corner Down Timeout  
C1739 Right Front Center Sensor Circuit Short to Vbat  
C1740 Right Front Center Sensor Circuit Failure  
C1741 Right Front Center Sensor Circuit Fault  
C1742 Rear Sounder Circuit Failure  
C1743 Rear Sounder Circuit Short to Vbatt  
C1744 Front Sounder Circuit Failure  
C1745 Front Sounder Circuit Short to Vbatt  
C1748 Switch input Circuit Short to Gnd  
C1749 Trailer Input Circuit Failure

C1750 Accelerator Position Sensor Out of Range  
C1751 Vehicle Speed Sensor # 1 Output Circuit Short to Vbatt  
C1752 Vehicle Speed Sensor # 1 Output Circuit Short to Gnd  
C1753 Hydraulic Clutch Actuator Valve Signal Fault  
C1754 Hydraulic Clutch Actuator Valve Circuit Failure  
C1755 Power Limit Shutdown Fault  
C1756 Air Suspension Front Height Sensor High (SE) Signal Circuit Failure  
C1757 Air Suspension Front Height Sensor High (SE) Signal Circuit Open  
C1758 Air Suspension Front Height Sensor High (SE) Signal Circuit Short To Battery  
C1759 Air Suspension Front Height Sensor High (SE) Signal Circuit Short To Ground  
C1760 Air Suspension Rear Height Sensor High (SE) Signal Circuit Failure  
C1761 Air Suspension Rear Height Sensor High (SE) Signal Circuit Open  
C1762 Air Suspension Rear Height Sensor High (SE) Signal Circuit Short To Battery  
C1763 Air Suspension Rear Height Sensor High (SE) Signal Circuit Short To Ground  
C1765 Air Suspension Rear Height Sensor Low Signal Circuit Failure  
C1766 Air Suspension Rear Height Sensor Low Signal Circuit Open  
C1767 Air Suspension Rear Height Sensor Low Signal Circuit Short To Battery  
C1768 Air Suspension Rear Height Sensor Low Signal Circuit Short To Ground  
C1770 Air Suspension Vent Solenoid Output Circuit Failure  
C1771 Air Suspension Vent Solenoid Output Circuit Open  
C1772 Air Suspension Vent Solenoid Output Circuit Short To Battery  
C1773 Air Suspension Vent Solenoid Output Circuit Short To Ground  
C1774 Coolant Temp Out of Range  
C1775 DC-DC Converter Failure  
C1776 Heater System Failure  
C1777 Vacuum Pressure Circuit Failure  
C1778 Power Steering Failure  
C1779 Blower Switch Failure  
C1780 Temperature Select Failure  
C1781 Engine Coolant Temperature Signal Missing/Fault  
C1790 Air Suspension LR Air Spring/Shock Solenoid Output Circuit Failure  
C1791 Air Suspension LR Air Spring/Shock Solenoid Output Circuit Open  
C1792 Air Suspension LR Air Spring/Shock Solenoid Output Circuit Short To Battery  
C1793 Air Suspension LR Air Spring/Shock Solenoid Output Circuit Short To Ground  
C1795 Air Suspension RR Air Spring/Shock Solenoid Output Circuit Failure  
C1796 Air Suspension RR Air Spring/Shock Solenoid Output Circuit Open  
C1797 Air Suspension RR Air Spring/Shock Solenoid Output Circuit Short To Battery  
C1798 Air Suspension RR Air Spring/Shock Solenoid Output Circuit Short To Ground  
C1800 Air Suspension Reservoir Solenoid Circuit Failure  
C1805 Mismatched PCM and/or ABS-TC Module  
C1813 Air Suspension LR Vent Request Exceeded Max Timing  
C1814 Air Suspension RR Vent Request Exceeded Max Timing  
C1818 Air Suspension LR Air Compress Request Exceeded Max Timing  
C1819 Air Suspension RR Air Compress Request Exceeded Max Timing  
C1820 Air Suspension RF Air Compress Request Exceeded Max Timing  
C1830 Air Suspension Compressor Relay Circuit Failure

C1831 Air Suspension Compressor Relay Circuit Open  
C1832 Air Suspension Compressor Relay Circuit Short To Battery  
C1833 Air Suspension Compressor Relay Circuit Short To Ground  
C1834 Gauge Drive Current Fault  
C1835 Current Sense Circuit Failure  
C1836 Battery Temp out of Range  
C1837 Battery Heater Circuit Failure  
C1838 Charging System Fault  
C1839 Leakage Fault  
C1840 Air Suspension Disable Switch Circuit Failure  
C1841 Air Suspension Disable Switch Circuit Open  
C1842 Air Suspension Disable Switch Circuit Short To Battery  
C1843 Air Suspension Disable Switch Circuit Short To Ground  
C1844 Air Suspension Secondary Front Inflator Solenoid Output Circuit Failure  
C1845 Air Suspension Front Inflator Solenoid Output Circuit Failure  
C1846 Air Suspension Front Inflator Solenoid Output Circuit Open  
C1847 Air Suspension Front Inflator Solenoid Output Circuit Short To Battery  
C1848 Air Suspension Front Inflator Solenoid Output Circuit Short To Ground  
C1849 Master Cylinder Pressure Out of Range  
C1850 Air Suspension Warning Lamp Circuit Failure  
C1851 Air Suspension Warning Lamp Circuit Open  
C1852 Air Suspension Warning Lamp Circuit Short To Battery  
C1853 Air Suspension Warning Lamp Circuit Short To Ground  
C1854 Motor Temperature Out of Range  
C1855 Acceleration Position Sensor Conflict  
C1856 Traction Motor Encoder circuit Failure  
C1859 PRNDL Input #2 Circuit Failure  
C1860 PRNDL Input #3 Circuit Failure  
C1861 PRNDL Input #4 Circuit Failure  
C1862 Contactor Circuit Failure  
C1863 External Charging Fault  
C1864 Battery Module Fault  
C1865 Air Suspension Rear Inflator Solenoid Output Circuit Failure  
C1866 Air Suspension Rear Inflator Solenoid Output Circuit Open  
C1867 Air Suspension Rear Inflator Solenoid Output Circuit Short To Battery  
C1868 Air Suspension Rear Inflator Solenoid Output Circuit Short To Ground  
C1869 Air Suspension Gate Solenoid Output Circuit Failure  
C1870 Air Suspension Gate Solenoid Output Circuit Open  
C1871 Air Suspension Gate Solenoid Output Circuit Short To Battery  
C1872 Air Suspension Gate Solenoid Output Circuit Short To Ground  
C1873 Air Suspension RF Air Spring Solenoid Output Circuit Failure  
C1874 Air Suspension RF Air Spring Solenoid Output Circuit Open  
C1875 Air Suspension RF Air Spring Solenoid Output Circuit Short To Battery  
C1876 Air Suspension RF Air Spring Solenoid Output Circuit Short To Ground  
C1877 Air Suspension LF Air Spring Solenoid Output Circuit Failure  
C1878 Air Suspension LF Air Spring Solenoid Output Circuit Open

C1879 Air Suspension LF Air Spring Solenoid Output Circuit Short To Battery  
C1880 Air Suspension LF Air Spring Solenoid Output Circuit Short To Ground  
C1881 Air Suspension RF Height Sensor Circuit Failure  
C1882 Air Suspension RF Height Sensor Circuit Open  
C1883 Air Suspension RF Height Sensor Circuit Short To Battery  
C1884 Air Suspension RF Height Sensor Circuit Short To Ground  
C1885 Air Suspension RR Height Sensor Circuit Failure  
C1886 Air Suspension RR Height Sensor Circuit Open  
C1887 Air Suspension RR Height Sensor Circuit Short To Battery  
C1888 Air Suspension RR Height Sensor Circuit Short To Ground  
C1889 Air Suspension LF Height Sensor Circuit Failure  
C1890 Air Suspension LF Height Sensor Circuit Open  
C1891 Air Suspension LF Height Sensor Circuit Short To Battery  
C1892 Air Suspension LF Height Sensor Circuit Short To Ground  
C1893 Air Suspension LR Height Sensor Circuit Failure  
C1894 Air Suspension LR Height Sensor Circuit Open  
C1895 Air Suspension LR Height Sensor Circuit Short To Battery  
C1896 Air Suspension LR Height Sensor Circuit Short To Ground  
C1897 Steering VAPS II Circuit Loop Failure  
C1898 Steering VAPS II Circuit Loop Open  
C1899 Steering VAPS II Circuit Loop Short To Battery  
C1900 Steering VAPS II Circuit Loop Short To Ground  
C1901 Ride Control RR Shock Actuator Circuit Failure  
C1902 Ride Control RR Shock Actuator Circuit Open  
C1903 Ride Control RR Shock Actuator Circuit Short To Battery  
C1904 Ride Control RR Shock Actuator Circuit Short To Ground  
C1905 Ride Control LR Shock Actuator Circuit Failure  
C1906 Ride Control LR Shock Actuator Circuit Open  
C1907 Ride Control LR Shock Actuator Circuit Short To Battery  
C1908 Ride Control LR Shock Actuator Circuit Short To Ground  
C1909 Ride Control RF Shock Actuator Circuit Failure  
C1910 Ride Control RF Shock Actuator Circuit Open  
C1911 Ride Control RF Shock Actuator Circuit Short To Battery  
C1912 Ride Control RF Shock Actuator Circuit Short To Ground  
C1913 Ride Control LF Shock Actuator Circuit Failure  
C1914 Ride Control LF Shock Actuator Circuit Open  
C1915 Ride Control LF Shock Actuator Circuit Short To Battery  
C1916 Ride Control LF Shock Actuator Circuit Short To Ground  
C1917 Steering EVO Out-of-Range Fault  
C1918 Air Suspension Ride Height Select Switch Circuit Failure  
C1920 Led #1 Circuit Failure  
C1921 VAPS Solenoid Actuator Output Circuit Failure  
C1922 VAPS Solenoid Actuator Output Circuit Open  
C1923 VAPS Solenoid Actuator Output Circuit Short To Battery  
C1924 VAPS Solenoid Actuator Output Circuit Short To Ground  
C1925 VAPS Solenoid Actuator Return Circuit Failure

C1926 VAPS Solenoid Actuator Return Circuit Open  
C1927 VAPS Solenoid Actuator Return Circuit Short To Battery  
C1928 VAPS Solenoid Actuator Return Circuit Short To Ground  
C1929 Air Suspension Front Compressor Relay Circuit Failure  
C1930 Air Suspension Front Compressor Relay Circuit Open  
C1931 Air Suspension Front Compressor Relay Circuit Short To Battery  
C1932 Air Suspension Front Compressor Relay Circuit Short To Ground  
C1933 Solenoid Current Out Of Range  
C1934 HPU (Hydraulic Pump Unit) Pressurisation Failure  
C1935 Chime Circuit Failure  
C1936 Hydraulic Pump Relay Circuit Failure  
C1937 Steering Wheel Angle Sensor Offset Failure  
C1938 Invalid Steering Wheel Angle Sensor ID  
C1939 Brake Pressure Switch Input Circuit Failure  
C1940 Brake Pressure Switch Mechanical Failure  
C1942 Unrecognized Powertrain Configuration  
C1943 Airbag Deployment Indication Input Fault  
C1944 Gauge Driver Circuit Fault  
C1945 Park Switch Indicates Park with Vehicle Moving  
C1946 Seat Track Position Switch Circuit Open  
C1947 Seat Track Position Switch Circuit Short to Ground  
C1948 Seat Track Position Switch Circuit Resistance Out of Range  
C1949 Accelerometer Sensor Circuit Open  
C1950 Accelerometer Sensor Circuit Failure  
C1951 Lateral Accelerometer Sensor Circuit Open  
C1952 Yaw Rate Sensor Circuit Open  
C1953 Master Cylinder Pressure Sensor Circuit Open  
C1954 Master Cylinder Pressure Sensor Circuit Failure  
C1955 Steering Angle Sensor Circuit Open  
C1956 Steering Angle Sensor Circuit Failure  
C1957 Dynamic Stability Control Valve RF Circuit Failure  
C1958 Dynamic Stability Control Valve LF Circuit Failure  
C1959 Lateral Accelerometer Sensor Circuit Failure  
C1960 Driver Brake Apply Circuit Fault  
C1961 Park Lamp Relay Coil Circuit Failure  
C1962 Park Lamp Relay Coil Short to Battery  
C1963 Stability Control Inhibit Warning  
C2767 Reserved - TBD

#### OBDII Network (U) Codes

U0001 High Speed CAN Communication Bus  
U0002 High Speed CAN Communication Bus Performance  
U0003 High Speed CAN Communication Bus (+) Open  
U0004 High Speed CAN Communication Bus (+) Low  
U0005 High Speed CAN Communication Bus (+) High  
U0006 High Speed CAN Communication Bus (-) Open  
U0007 High Speed CAN Communication Bus (-) Low

U0008 High Speed CAN Communication Bus (-) High  
U0009 High Speed CAN Communication Bus (-) shorted to Bus (+)  
U0010 Medium Speed CAN Communication Bus  
U0011 Medium Speed CAN Communication Bus Performance  
U0012 Medium Speed CAN Communication Bus (+) Open  
U0013 Medium Speed CAN Communication Bus (+) Low  
U0014 Medium Speed CAN Communication Bus (+) High  
U0015 Medium Speed CAN Communication Bus (-) Open  
U0016 Medium Speed CAN Communication Bus (-) Low  
U0017 Medium Speed CAN Communication Bus (-) High  
U0018 Medium Speed CAN Communication Bus (-) shorted to Bus (+)  
U0019 Low Speed CAN Communication Bus  
U0020 Low Speed CAN Communication Bus Performance  
U0021 Low Speed CAN Communication Bus (+) Open  
U0022 Low Speed CAN Communication Bus (+) Low  
U0023 Low Speed CAN Communication Bus (+) High  
U0024 Low Speed CAN Communication Bus (-) Open  
U0025 Low Speed CAN Communication Bus (-) Low  
U0026 Low Speed CAN Communication Bus (-) High  
U0027 Low Speed CAN Communication Bus (-) shorted to Bus (+)  
U0028 Vehicle Communication Bus A  
U0029 Vehicle Communication Bus A Performance  
U0030 Vehicle Communication Bus A (+) Open  
U0031 Vehicle Communication Bus A (+) Low  
U0032 Vehicle Communication Bus A (+) High  
U0033 Vehicle Communication Bus A (-) Open  
U0034 Vehicle Communication Bus A (-) Low  
U0035 Vehicle Communication Bus A (-) High  
U0036 Vehicle Communication Bus A (-) shorted to Bus A (+)  
U0037 Vehicle Communication Bus B  
U0038 Vehicle Communication Bus B Performance  
U0039 Vehicle Communication Bus B (+) Open  
U0040 Vehicle Communication Bus B (+) Low  
U0041 Vehicle Communication Bus B (+) High  
U0042 Vehicle Communication Bus B (-) Open  
U0043 Vehicle Communication Bus B (-) Low  
U0044 Vehicle Communication Bus B (-) High  
U0045 Vehicle Communication Bus B (-) shorted to Bus B (+)  
U0046 Vehicle Communication Bus C  
U0047 Vehicle Communication Bus C Performance  
U0048 Vehicle Communication Bus C (+) Open  
U0049 Vehicle Communication Bus C (+) Low  
U0050 Vehicle Communication Bus C (+) High  
U0051 Vehicle Communication Bus C (-) Open  
U0052 Vehicle Communication Bus C (-) Low  
U0053 Vehicle Communication Bus C (-) High

U0054 Vehicle Communication Bus C (-) shorted to Bus C (+)  
U0055 Vehicle Communication Bus D  
U0056 Vehicle Communication Bus D Performance  
U0057 Vehicle Communication Bus D (+) Open  
U0058 Vehicle Communication Bus D (+) Low  
U0059 Vehicle Communication Bus D (+) High  
U0060 Vehicle Communication Bus D (-) Open  
U0061 Vehicle Communication Bus D (-) Low  
U0062 Vehicle Communication Bus D (-) High  
U0063 Vehicle Communication Bus D (-) shorted to Bus D (+)  
U0064 Vehicle Communication Bus E  
U0065 Vehicle Communication Bus E Performance  
U0066 Vehicle Communication Bus E (+) Open  
U0067 Vehicle Communication Bus E (+) Low  
U0068 Vehicle Communication Bus E (+) High  
U0069 Vehicle Communication Bus E (-) Open  
U0070 Vehicle Communication Bus E (-) Low  
U0071 Vehicle Communication Bus E (-) High  
U0072 Vehicle Communication Bus E (-) shorted to Bus E (+)  
U0073 Control Module Communication Bus Off  
U0100 Lost Communication With ECM/PCM "A"  
U0101 Lost Communication with TCM  
U0102 Lost Communication with Transfer Case Control Module  
U0103 Lost Communication With Gear Shift Module  
U0104 Lost Communication With Cruise Control Module  
U0105 Lost Communication With Fuel Injector Control Module  
U0106 Lost Communication With Glow Plug Control Module  
U0107 Lost Communication With Throttle Actuator Control Module  
U0108 Lost Communication With Alternative Fuel Control Module  
U0109 Lost Communication With Fuel Pump Control Module  
U0110 Lost Communication With Drive Motor Control Module  
U0111 Lost Communication With Battery Energy Control Module A  
U0112 Lost Communication With Battery Energy Control Module B  
U0113 Lost Communication With Emissions Critical Control Information  
U0114 Lost Communication With Four-Wheel Drive Clutch Control Module  
U0115 Lost Communication With ECM/PCM B  
U0121 Lost Communication With Anti-Lock Brake System (ABS) Control Module  
U0122 Lost Communication With Vehicle Dynamics Control Module  
U0123 Lost Communication With Yaw Rate Sensor Module  
U0124 Lost Communication With Lateral Acceleration Sensor Module  
U0125 Lost Communication With Multi-axis Acceleration Sensor Module  
U0126 Lost Communication With Steering Angle Sensor Module  
U0127 Lost Communication With Tire Pressure Monitor Module  
U0128 Lost Communication With Park Brake Control Module  
U0129 Lost Communication With Brake System Control Module  
U0130 Lost Communication With Steering Effort Control Module

U0131 Lost Communication With Power Steering Control Module  
U0132 Lost Communication With Ride Level Control Module  
U0140 Lost Communication With Body Control Module  
U0141 Lost Communication With Body Control Module A  
U0142 Lost Communication With Body Control Module B  
U0143 Lost Communication With Body Control Module C  
U0144 Lost Communication With Body Control Module D  
U0145 Lost Communication With Body Control Module E  
U0146 Lost Communication With Gateway A  
U0147 Lost Communication With Gateway B  
U0148 Lost Communication With Gateway C  
U0149 Lost Communication With Gateway D  
U0150 Lost Communication With Gateway E  
U0151 Lost Communication With Restraints Control Module  
U0152 Lost Communication With Side Restraints Control Module (Left)  
U0153 Lost Communication With Side Restraints Control Module (Right)  
U0154 Lost Communication With Restraints Occupant Sensing Control Module  
U0155 Lost Communication With Instrument Panel Cluster (IPC) Control Module  
U0156 Lost Communication With Information Center A  
U0157 Lost Communication With Information Center B  
U0158 Lost Communication With Head Up Display  
U0159 Lost Communication With Parking Assist Control Module  
U0160 Lost Communication With Audible Alert Control Module  
U0161 Lost Communication With Compass Module  
U0162 Lost Communication With Navigation Display Module  
U0163 Lost Communication With Navigation Control Module  
U0164 Lost Communication With HVAC Control Module  
U0165 Lost Communication With HVAC Control Module (Rear)  
U0166 Lost Communication With Auxiliary Heater Control Module  
U0167 Lost Communication With Vehicle Immobilizer Control Module  
U0168 Lost Communication With Vehicle Security Control Module  
U0169 Lost Communication With Sunroof Control Module  
U0170 Lost Communication With "Restraints System Sensor A"  
U0171 Lost Communication With "Restraints System Sensor B"  
U0172 Lost Communication With "Restraints System Sensor C"  
U0173 Lost Communication With "Restraints System Sensor D"  
U0174 Lost Communication With "Restraints System Sensor E"  
U0175 Lost Communication With "Restraints System Sensor F"  
U0176 Lost Communication With "Restraints System Sensor G"  
U0177 Lost Communication With "Restraints System Sensor H"  
U0178 Lost Communication With "Restraints System Sensor I"  
U0179 Lost Communication With "Restraints System Sensor J"  
U0180 Lost Communication With Automatic Lighting Control Module  
U0181 Lost Communication With Headlamp Leveling Control Module  
U0182 Lost Communication With Lighting Control Module (Front)  
U0183 Lost Communication With Lighting Control Module (Rear)

U0184 Lost Communication With Radio  
U0185 Lost Communication With Antenna Control Module  
U0186 Lost Communication With Audio Amplifier  
U0187 Lost Communication With Digital Disc Player/Changer Module A  
U0188 Lost Communication With Digital Disc Player/Changer Module B  
U0189 Lost Communication With Digital Disc Player/Changer Module C  
U0190 Lost Communication With Digital Disc Player/Changer Module D  
U0191 Lost Communication With Television  
U0192 Lost Communication With Personal Computer  
U0193 Lost Communication With "Digital Audio Control Module A"  
U0194 Lost Communication With "Digital Audio Control Module B"  
U0195 Lost Communication With Subscription Entertainment Receiver Module  
U0196 Lost Communication With Rear Seat Entertainment Control Module  
U0197 Lost Communication With Telephone Control Module  
U0198 Lost Communication With Telematic Control Module  
U0199 Lost Communication With "Door Control Module A"  
U0200 Lost Communication With "Door Control Module B"  
U0201 Lost Communication With "Door Control Module C"  
U0202 Lost Communication With "Door Control Module D"  
U0203 Lost Communication With "Door Control Module E"  
U0204 Lost Communication With "Door Control Module F"  
U0205 Lost Communication With "Door Control Module G"  
U0206 Lost Communication With Folding Top Control Module  
U0207 Lost Communication With Movable Roof Control Module  
U0208 Lost Communication With "Seat Control Module A"  
U0209 Lost Communication With "Seat Control Module B"  
U0210 Lost Communication With "Seat Control Module C"  
U0211 Lost Communication With "Seat Control Module D"  
U0212 Lost Communication With Steering Column Control Module  
U0213 Lost Communication With Mirror Control Module  
U0214 Lost Communication With Remote Function Actuation  
U0215 Lost Communication With "Door Switch A"  
U0216 Lost Communication With "Door Switch B"  
U0217 Lost Communication With "Door Switch C"  
U0218 Lost Communication With "Door Switch D"  
U0219 Lost Communication With "Door Switch E"  
U0220 Lost Communication With "Door Switch F"  
U0221 Lost Communication With "Door Switch G"  
U0222 Lost Communication With "Door Window Motor A"  
U0223 Lost Communication With "Door Window Motor B"  
U0224 Lost Communication With "Door Window Motor C"  
U0225 Lost Communication With "Door Window Motor D"  
U0226 Lost Communication With "Door Window Motor E"  
U0227 Lost Communication With "Door Window Motor F"  
U0228 Lost Communication With "Door Window Motor G"  
U0229 Lost Communication With Heated Steering Wheel Module

U0230 Lost Communication With Rear Gate Module  
U0231 Lost Communication With Rain Sensing Module  
U0232 Lost Communication With Side Obstacle Detection Control Module (Left)  
U0233 Lost Communication With Side Obstacle Detection Control Module (Right)  
U0234 Lost Communication With Convenience Recall Module  
U0235 Lost Communication With Cruise Control Front Distance Range Sensor  
U0300 Internal Control Module Software Incompatibility  
U0301 Software Incompatibility with ECM/PCM  
U0302 Software Incompatibility with Transmission Control Module  
U0303 Software Incompatibility with Transfer Case Control Module  
U0304 Software Incompatibility with Gear Shift Control Module  
U0305 Software Incompatibility with Cruise Control Module  
U0306 Software Incompatibility with Fuel Injector Control Module  
U0307 Software Incompatibility with Glow Plug Control Module  
U0308 Software Incompatibility with Throttle Actuator Control Module  
U0309 Software Incompatibility with Alternative Fuel Control Module  
U0310 Software Incompatibility with Fuel Pump Control Module  
U0311 Software Incompatibility with Drive Motor Control Module  
U0312 Software Incompatibility with Battery Energy Control Module A  
U0313 Software Incompatibility with Battery Energy Control Module B  
U0314 Software Incompatibility with Four-Wheel Drive Clutch Control Module  
U0315 Software Incompatibility with Anti-Lock Brake System Control Module  
U0316 Software Incompatibility with Vehicle Dynamics Control Module  
U0317 Software Incompatibility with Park Brake Control Module  
U0318 Software Incompatibility with Brake System Control Module  
U0319 Software Incompatibility with Steering Effort Control Module  
U0320 Software Incompatibility with Power Steering Control Module  
U0321 Software Incompatibility with Ride Level Control Module  
U0322 Software Incompatibility with Body Control Module  
U0323 Software Incompatibility with Instrument Panel Control Module  
U0324 Software Incompatibility with HVAC Control Module  
U0325 Software Incompatibility with Auxiliary Heater Control Module  
U0326 Software Incompatibility with Vehicle Immobilizer Control Module  
U0327 Software Incompatibility with Vehicle Security Control Module  
U0328 Software Incompatibility with Steering Angle Sensor Module  
U0329 Software Incompatibility with Steering Column Control Module  
U0330 Software Incompatibility with Tire Pressure Monitor Module  
U0331 Software Incompatibility with Body Control Module A  
U0400 Invalid Data Received  
U0401 Invalid Data Received From ECM/PCM  
U0402 Invalid Data Received From Transmission Control Module  
U0403 Invalid Data Received From Transfer Case Control Module  
U0404 Invalid Data Received From Gear Shift Control Module  
U0405 Invalid Data Received From Cruise Control Module  
U0406 Invalid Data Received From Fuel Injector Control Module  
U0407 Invalid Data Received From Glow Plug Control Module

U0408 Invalid Data Received From Throttle Actuator Control Module  
U0409 Invalid Data Received From Alternative Fuel Control Module  
U0410 Invalid Data Received From Fuel Pump Control Module  
U0411 Invalid Data Received From Drive Motor Control Module  
U0412 Invalid Data Received From Battery Energy Control Module A  
U0413 Invalid Data Received From Battery Energy Control Module B  
U0414 Invalid Data Received From Four-Wheel Drive Clutch Control Module  
U0415 Invalid Data Received From Anti-Lock Brake System Control Module  
U0416 Invalid Data Received From Vehicle Dynamics Control Module  
U0417 Invalid Data Received From Park Brake Control Module  
U0418 Invalid Data Received From Brake System Control Module  
U0419 Invalid Data Received From Steering Effort Control Module  
U0420 Invalid Data Received From Power Steering Control Module  
U0421 Invalid Data Received From Ride Level Control Module  
U0422 Invalid Data Received From Body Control Module  
U0423 Invalid Data Received From Instrument Panel Control Module  
U0424 Invalid Data Received From HVAC Control Module  
U0425 Invalid Data Received From Auxiliary Heater Control Module  
U0426 Invalid Data Received From Vehicle Immobilizer Control Module  
U0427 Invalid Data Received From Vehicle Security Control Module  
U0428 Invalid Data Received From Steering Angle Sensor Module  
U0429 Invalid Data Received From Steering Column Control Module  
U0430 Invalid Data Received From Tire Pressure Monitor Module  
U0431 Invalid Data Received From Body Control Module A

U1000 Invalid or Missing Data for Primary Id  
U1001 Invalid or Missing Data for Primary Id  
U1002 Invalid or Missing Data for Primary Id  
U1003 Invalid or Missing Data for Primary Id  
U1004 Invalid or Missing Data for EEC Programming  
U1005 Invalid or Missing Data for EEC Programming  
U1006 Invalid or Missing Data for Primary Id  
U1007 Invalid or Missing Data for Primary Id  
U1008 Invalid or Missing Data for Engine Torque  
U1009 Invalid or Missing Data for Engine Torque  
U1010 Invalid or Missing Data for Engine Air Intake  
U1011 Invalid or Missing Data for Engine Air Intake  
U1012 Invalid or Missing Data for Primary Id  
U1013 Invalid or Missing Data for Primary Id  
U1014 Invalid or Missing Data for Primary Id  
U1015 Invalid or Missing Data for Primary Id  
U1016 Invalid or Missing Data for Primary Id  
U1017 Invalid or Missing Data for Primary Id  
U1018 Invalid or Missing Data for Throttle  
U1019 Invalid or Missing Data for Throttle  
U1020 Invalid or Missing Data for Air Conditioning Clutch

U1021 Invalid or Missing Data for Air Conditioning Clutch  
U1022 Invalid or Missing Data for Primary Id  
U1023 Invalid or Missing Data for Primary Id  
U1024 Invalid or Missing Data for Primary Id  
U1025 Invalid or Missing Data for Primary Id  
U1026 Invalid or Missing Data for Engine RPM  
U1027 Invalid or Missing Data for Engine RPM  
U1028 Invalid or Missing Data for Primary Id  
U1029 Invalid or Missing Data for Primary Id  
U1030 Invalid or Missing Data for Experimental #1  
U1031 Invalid or Missing Data for Experimental #1  
U1032 Invalid or Missing Data for Primary Id  
U1033 Invalid or Missing Data for Primary Id  
U1034 Invalid or Missing Data for Primary Id  
U1035 Invalid or Missing Data for Primary Id  
U1036 Invalid or Missing Data for Wheels  
U1037 Invalid or Missing Data for Wheels  
U1038 Invalid or Missing Data for Primary Id  
U1039 Invalid or Missing Data for Primary Id / Vehicle Speed  
U1040 Invalid or Missing Data for Vehicle Speed  
U1041 Invalid or Missing Data for Vehicle Speed  
U1042 Invalid or Missing Data for Traction Control  
U1043 Invalid or Missing Data for Traction Control  
U1044 Invalid or Missing Data for Traction Motor  
U1045 Invalid or Missing Data for Traction Motor  
U1046 Invalid or Missing Data for Primary Id  
U1047 Invalid or Missing Data for Primary Id  
U1048 Invalid or Missing Data for Primary Id  
U1049 Invalid or Missing Data for Primary Id  
U1050 Invalid or Missing Data for Brakes  
U1051 Invalid or Missing Data for Brakes  
U1052 Invalid or Missing Data for Steering / Steering Wheel  
U1053 Invalid or Missing Data for Steering / Steering Wheel  
U1054 Invalid or Missing Data for Primary Id  
U1055 Invalid or Missing Data for Primary Id  
U1056 Invalid or Missing Data for Vehicle Configuration  
U1057 Invalid or Missing Data for Vehicle Configuration  
U1058 Invalid or Missing Data for Transmission / Transaxle / PRNDL  
U1059 Invalid or Missing Data for Transmission / Transaxle / PRNDL  
U1060 Invalid or Missing Data for Primary Id  
U1061 Invalid or Missing Data for Primary Id  
U1062 Invalid or Missing Data for Primary Id  
U1063 Invalid or Missing Data for Primary Id  
U1064 Invalid or Missing Data for Primary Id  
U1065 Invalid or Missing Data for Primary Id  
U1066 Invalid or Missing Data for Primary Id

U1067 Invalid or Missing Data for Primary Id  
U1068 Invalid or Missing Data for Primary Id  
U1069 Invalid or Missing Data for Primary Id  
U1070 Invalid or Missing Data for Engine Sensors  
U1071 Invalid or Missing Data for Engine Sensors  
U1072 Invalid or Missing Data for Engine Coolant  
U1073 Invalid or Missing Data for Engine Coolant  
U1074 Invalid or Missing Data for Engine Oil  
U1075 Invalid or Missing Data for Engine Oil Temp  
U1076 Invalid or Missing Data for Primary Id  
U1077 Invalid or Missing Data for Primary Id  
U1078 Invalid or Missing Data for Primary Id  
U1079 Invalid or Missing Data for Primary Id  
U1080 Invalid or Missing Data for Primary Id  
U1081 Invalid or Missing Data for Primary Id  
U1082 Invalid or Missing Data for Engine Systems Other  
U1083 Invalid or Missing Data for Engine Systems Other  
U1084 Invalid or Missing Data for Powertrain Status Request  
U1085 Invalid or Missing Data for Powertrain Status Request  
U1086 Invalid or Missing Data for Primary Id  
U1087 Invalid or Missing Data for Primary Id  
U1088 Invalid or Missing Data for Suspension  
U1089 Invalid or Missing Data for Suspension  
U1090 Invalid or Missing Data for Non-Legislated Diagnostics  
U1091 Invalid or Missing Data for Non-Legislated Diagnostics  
U1092 Invalid or Missing Data for Primary Id  
U1093 Invalid or Missing Data for Primary Id  
U1094 Invalid or Missing Data for Experimental #2  
U1095 Invalid or Missing Data for Experimental #2  
U1096 Invalid or Missing Data for Primary Id  
U1097 Invalid or Missing Data for Primary Id  
U1098 Invalid or Missing Data for Vehicle Speed Control  
U1099 Invalid or Missing Data for Vehicle Speed Control  
U1100 Invalid or Missing Data for Primary Id  
U1101 Invalid or Missing Data for Primary Id  
U1102 Invalid or Missing Data for Primary Id  
U1103 Invalid or Missing Data for Primary Id  
U1104 Invalid or Missing Data for Chassis Status Request  
U1105 Invalid or Missing Data for Chassis Status Request  
U1106 Invalid or Missing Data for Legislated Diagnostics  
U1107 Invalid or Missing Data for Legislated Diagnostics  
U1108 Invalid or Missing Data for Electric Traction Drive (Inverter)  
U1109 Invalid or Missing Data for Electric Traction Drive (Inverter)  
U1110 Invalid or Missing Data for Primary Id  
U1111 Invalid or Missing Data for Primary Id  
U1112 Invalid or Missing Data for Primary Id

U1113 Invalid or Missing Data for Primary Id  
U1114 Invalid or Missing Data for Charging System  
U1115 Invalid or Missing Data for Charging System  
U1116 Invalid or Missing Data for Electrical Energy Management  
U1117 Invalid or Missing Data for Electrical Energy Management  
U1118 Invalid or Missing Data for Primary Id  
U1119 Invalid or Missing Data for Primary Id  
U1120 Invalid or Missing Data for Primary Id  
U1121 Invalid or Missing Data for Primary Id  
U1122 Invalid or Missing Data for Odometer  
U1123 Invalid or Missing Data for Odometer  
U1124 Invalid or Missing Data for Primary Id  
U1125 Invalid or Missing Data for Primary Id  
U1126 Invalid or Missing Data for Primary Id  
U1127 Invalid or Missing Data for Primary Id  
U1128 Invalid or Missing Data for Primary Id  
U1129 Invalid or Missing Data for Primary Id  
U1130 Invalid or Missing Data for Fuel System  
U1131 Invalid or Missing Data for Fuel System  
U1132 Invalid or Missing Data for Vehicle Motion  
U1133 Invalid or Missing Data for Vehicle Motion  
U1134 Invalid or Missing Data for Ignition Switch / Starter  
U1135 Invalid or Missing Data for Ignition Switch / Starter  
U1136 Invalid or Missing Data for Telltales  
U1137 Invalid or Missing Data for Telltales  
U1138 Invalid or Missing Data for Primary Id  
U1139 Invalid or Missing Data for Primary Id  
U1140 Invalid or Missing Data for Gateway  
U1141 Invalid or Missing Data for Gateway  
U1142 Invalid or Missing Data for Primary Id  
U1143 Invalid or Missing Data for Primary Id  
U1144 Invalid or Missing Data for Primary Id  
U1145 Invalid or Missing Data for Primary Id  
U1146 Invalid or Missing Data for Vehicle Security  
U1147 Invalid or Missing Data for Vehicle Security  
U1148 Invalid or Missing Data for Audio Control  
U1149 Invalid or Missing Data for Audio Control  
U1150 Invalid or Missing Data for Audible Warnings  
U1151 Invalid or Missing Data for Audible Warnings  
U1152 Invalid or Missing Data for Experimental #3  
U1153 Invalid or Missing Data for Experimental #3  
U1154 Invalid or Missing Data for Compact Disc  
U1155 Invalid or Missing Data for Compact Disc  
U1156 Invalid or Missing Data for Digital Signal Processing  
U1157 Invalid or Missing Data for Digital Signal Processing  
U1158 Invalid or Missing Data for Antenna

U1159 Invalid or Missing Data for Antenna  
U1160 Invalid or Missing Data for Primary Id  
U1161 Invalid or Missing Data for Primary Id  
U1162 Invalid or Missing Data for Digital Audio Tape  
U1163 Invalid or Missing Data for Digital Audio Tape  
U1164 Invalid or Missing Data for Tuner / Receiver  
U1165 Invalid or Missing Data for Tuner / Receiver  
U1166 Invalid or Missing Data for Cassette Tape  
U1167 Invalid or Missing Data for Cassette Tape  
U1168 Invalid or Missing Data for Primary Id  
U1169 Invalid or Missing Data for Primary Id  
U1170 Invalid or Missing Data for Cellular Phone / Paging System  
U1171 Invalid or Missing Data for Cellular Phone / Paging System  
U1172 Invalid or Missing Data for Remote Button Control  
U1173 Invalid or Missing Data for Remote Button Control  
U1174 Invalid or Missing Data for Primary Id  
U1175 Invalid or Missing Data for Primary Id  
U1176 Invalid or Missing Data for Primary Id  
U1177 Invalid or Missing Data for Primary Id  
U1178 Invalid or Missing Data for Climate Control (HVAC)  
U1179 Invalid or Missing Data for Climate Control (HVAC)  
U1180 Invalid or Missing Data for Personalization (Memory) Features  
U1181 Invalid or Missing Data for Personalization (Memory) Features  
U1182 Invalid or Missing Data for Primary Id  
U1183 Invalid or Missing Data for Primary Id  
U1184 Invalid or Missing Data for Window Wiper / Washer  
U1185 Invalid or Missing Data for Window Wiper / Washer  
U1186 Invalid or Missing Data for Primary Id  
U1187 Invalid or Missing Data for Primary Id  
U1188 Invalid or Missing Data for Primary Id  
U1189 Invalid or Missing Data for Primary Id  
U1190 Invalid or Missing Data for Primary Id  
U1191 Invalid or Missing Data for Primary Id  
U1192 Invalid or Missing Data for Primary Id  
U1193 Invalid or Missing Data for Primary Id  
U1194 Invalid or Missing Data for Mirrors  
U1195 Invalid or Missing Data for Mirrors  
U1196 Invalid or Missing Data for Door Locks  
U1197 Invalid or Missing Data for Door Locks  
U1198 Invalid or Missing Data for External Access (Doors)  
U1199 Invalid or Missing Data for External Access (Doors)  
U1200 Invalid or Missing Data for Seat Motion / Control  
U1201 Invalid or Missing Data for Seat Motion / Control  
U1202 Invalid or Missing Data for Windows  
U1203 Invalid or Missing Data for Windows  
U1204 Invalid or Missing Data for Steering Column

U1205 Invalid or Missing Data for Steering Column  
U1206 Invalid or Missing Data for Primary Id  
U1207 Invalid or Missing Data for Primary Id  
U1208 Invalid or Missing Data for Seat Switches  
U1209 Invalid or Missing Data for Seat Switches  
U1210 Invalid or Missing Data for Restraints  
U1211 Invalid or Missing Data for Restraints  
U1212 Invalid or Missing Data for Primary Id  
U1213 Invalid or Missing Data for Primary Id  
U1214 Invalid or Missing Data for Primary Id  
U1215 Invalid or Missing Data for Primary Id  
U1216 Invalid or Missing Data for External Lamp Outage  
U1217 Invalid or Missing Data for External Lamp Outage  
U1218 Invalid or Missing Data for External Lamps  
U1219 Invalid or Missing Data for External Lamps  
U1220 Invalid or Missing Data for Interior Lamp Outage  
U1221 Invalid or Missing Data for Interior Lamp Outage  
U1222 Invalid or Missing Data for Interior Lamps  
U1223 Invalid or Missing Data for Interior Lamps  
U1224 Invalid or Missing Data for Primary Id  
U1225 Invalid or Missing Data for Primary Id  
U1226 Invalid or Missing Data for Body Status Request  
U1227 Invalid or Missing Data for Body Status Request  
U1228 Invalid or Missing Data for Tires  
U1229 Invalid or Missing Data for Tires  
U1230 Invalid or Missing Data for Electric Defrost  
U1231 Invalid or Missing Data for Electric Defrost  
U1232 Invalid or Missing Data for Navigation  
U1233 Invalid or Missing Data for Navigation  
U1234 Invalid or Missing Data for Displays  
U1235 Invalid or Missing Data for Displays  
U1236 Invalid or Missing Data for Memory Storage  
U1237 Invalid or Missing Data for Memory Storage  
U1238 Invalid or Missing Data for Experimental #4  
U1239 Invalid or Missing Data for Experimental #4  
U1240 Invalid or Missing Data for Primary Id  
U1241 Invalid or Missing Data for Primary Id  
U1242 Invalid or Missing Data for Exterior Environment  
U1243 Invalid or Missing Data for Exterior Environment  
U1244 Invalid or Missing Data for Interior Environment  
U1245 Invalid or Missing Data for Interior Environment  
U1246 Invalid or Missing Data for Primary Id  
U1247 Invalid or Missing Data for Primary Id  
U1248 Invalid or Missing Data for Time / Date  
U1249 Invalid or Missing Data for Time / Date  
U1250 Invalid or Missing Data for Vehicle Id (VIN)

U1251 Invalid or Missing Data for Vehicle Id (VIN)  
U1252 Invalid or Missing Data for Class A Functions  
U1253 Invalid or Missing Data for Class A Functions  
U1254 Invalid or Missing Data for Network Control  
U1255 Invalid or Missing Data for Network Control  
U1260 Single Ended (+) Circuit Failure  
U1261 Single Ended (-) Circuit Failure  
U1262 Communication Bus Fault  
U1308 Invalid or Missing Data for Function Read Engine Torque  
U1341 Invalid or Missing Data for Function Read Vehicle Speed  
U1430 Invalid or Missing Data for Function Read Fuel System  
U1451 Invalid or Missing Data for Function Read Audible Warnings /Anti-Theft  
Module, Vehicle Immobilized  
U1612 Lack of Acknowledgment for Primary Id  
U1736 Lack of Acknowledgment for Telltales  
U1750 Lack of Acknowledgment for Audible Warnings  
U1794 Lack of Acknowledgment for Mirrors  
U1797 Lack of Acknowledgment for Door Locks  
U1798 Lack of Acknowledgment for External Access (Doors)  
U1806 Lack of Acknowledgment for Primary Id  
U1900 CAN Communication Bus Fault  
U1950 UPB Communication Bus Fault  
U2000 Audio Rear Control Unit is Not Responding  
U2001 Audio Tape Deck Unit is Not Responding  
U2002 Audio Bezel is Not Responding  
U2003 Audio Compact Disk / Disk Jockey Unit is Not Responding  
U2004 Audio Steering Wheel Control Unit is Not Responding  
U2005 Audio Rear Integrated Control Panel Unit is Not Responding  
U2006 Audio Remote Climate Control Unit is Not Responding  
U2007 Audio Navigation Unit is Not Responding  
U2008 Audio Phone is Not Responding  
U2009 Audio Front Control Module (ACM) is Not Responding  
U2010 Module is Not Responding (Non SCP)  
U2011 Module Transmitted Invalid Data (Non SCP)  
U2012 Communication Bus Error (Non SCP)  
U2013 Compass Module is not Responding  
U2014 Audio Subwoofer Unit is Not Responding  
U2015 Signal Link Fault (Non SCP)  
U2016 Signal Link Short to Ground (Non SCP) / From NGV Module  
U2017 Driver Side Crash Sensor Communication Fault (Non SCP)  
U2018 Passenger Side Crash Sensor Communication Fault (Non SCP)  
U2019 Audio Voice Module Not Responding  
U2020 Audio Center Amp is not responding  
U2021 Invalid /fault data received (Non SCP)  
U2150 Invalid Data from REM  
U2152 Invalid Data from GEM

U2160 Invalid Data from IC

U2195 Invalid Data from SCLM

U2500 (CAN) Lack of Acknowledgement From Engine Management