

Ford DTC Reader Instructions

Do not leave the MAX MicroTuner connected and unattended for any length of time to prevent unnecessary battery drain.

PLEASE READ THIS ENTIRE INSTRUCTION SHEET BEFORE YOU PROCEED

DTC CODE READER OPERATION

The Superchips MAX MicroTuner is equipped to function as a Diagnostic Trouble Code (DTC) Reader for Ford OBDII equipped vehicles. Using the keypad on the MAX MicroTuner, you can read and reset logged DTCs. Using the chart of DTCs that follows, you can interpret each of the DTCs.

IMPORTANT NOTE

The Superchips DTC Reader is intended for use on Ford vehicles only. Do NOT attempt to use the DTC reader on a vehicle other than a Ford vehicle as damage to the vehicle PCM or the MAX MicroTuner may occur that is not covered by the Superchips, Inc. warranty. Not all codes apply to every vehicle model. Because of differences in vehicle computer types, your MAX MicroTuner may not function properly on all Ford vehicles.

1. Connecting the Superchips MAX MicroTuner to Your Vehicle

With the Ignition Switch in the OFF position, locate the diagnostic connector under the dash near the steering wheel or under the glove box and connect the MAX MicroTuner cable to the diagnostic connector. (See Figure 1)

When connected, the MAX MicroTuner will run a self-test. When the self-test is finished the MAX MicroTuner will display the message:

**Begin with Ignition
OFF Press >**

Insure the Ignition Switch is OFF, then press the > key on the keypad. The MAX MicroTuner alternately displays the following messages:

**Turn Ignition ON
Do NOT START Eng**

**Press >
to Continue...**

Turn the Ignition Switch to the ON Position. Press the '>' key on the keypad. The MAX MicroTuner will beep and display the message:

**A=Tune Vehicle
B=Diagnostics**

2. Selecting Tune Vehicle / Diagnostics

Press 'B' to select the DTC Reader Functions. The MAX MicroTuner will beep and display the message:

**Read the DTCs?
YES or NO**

Press 'NO' to go directly to the DTC *Clearing DTCs* at Step 4 below.
Press 'YES' to first read currently stored DTCs.

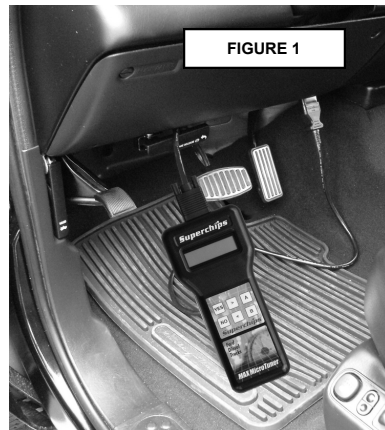


FIGURE 1

3. Reading the DTCs

The MAX MicroTuner will beep and read the vehicle stored DTCs.

If no DTCs have been logged by the vehicle the MAX MicroTuner will display the following message:

**No DTCs Exist
Press >...**

Press the '>' key on the keypad. The MAX MicroTuner will exit the Diagnostic mode and go back to *Select Tune Vehicle / Diagnostics* at Step 2.

If less than 16 DTCs have been logged by the vehicle, the MAX MicroTuner will display the following message:

**DTC # nn – (type)xxxx
>= Next B= Done**

nn is the DTC sequence count (1-21).

Type 'B' is an OBDII Body Code

Type 'C' is an OBDII Chassis Code

Type 'P' is an OBDII Powertrain Code

Type 'U' is an OBDII Undefined Code. This type of code usually includes system communications or theft system codes.

xxxx is the DTC number.

Use the following DTC chart to find the Trouble Code interpretation.

Press the '>' key on the keypad to cycle through the DTCs logged by the vehicle.
Press the 'B' key on the keypad when you are finished viewing the logged DTCs.

The MAX MicroTuner will go to *Clearing DTCs* at Step 4 below.

If more than 21 DTCs are detected, the MAX MicroTuner will display:

**Too Many DTCs
Press >...**

Press the '>' key on the keypad, the MAX MicroTuner will go to *Clearing DTCs*.

4. Clearing the DTCs

The MAX MicroTuner will beep and display the message:

**Clear the DTCs?
YES or NO**

Press 'NO' to go back to *Select Tune Vehicle / Diagnostics* at Step 2.
Press the 'YES' key on the keypad to clear ALL logged DTCs.

The MAX MicroTuner will beep and display the message:

**Clearing DTCs
Please Wait...**

After clearing all the DTCs, the MAX MicroTuner will go back to *Select Tune Vehicle / Diagnostics* at Step 2 in the MAX MicroTuner instruction manual.

Error Notification

If you need assistance please contact your local dealer or call Superchips Customer Service at (407) 585-7000, M-F 8:00 AM-5:00 PM. EST. Customer Service will not provide DTC interpretation assistance or support.

Diagnostic Trouble Code Interpretations

Please Note

The DTC Reader functions provided as part of the Superchips MAX MicroTuners are for convenience purposes only. Industry standard interpretation tables are supplied below. Superchips, Inc. makes no warranty of the correctness of the interpretations. Superchips Customer Service will not provide DTC interpretation assistance or support.

Notes Regarding DTC Interpretation

- SAE P Code Sections
 - P00xx Fuel & Air Metering, Auxiliary Emission Ctrls
 - P01xx Fuel & Air Metering
 - P02xx Fuel & Air Metering
 - P03xx Ignition & Firing Sys
 - P04xx Auxiliary Emission Ctrls
 - P05xx Vehicle Speed, Idle Ctrl & Auxiliary Inputs
 - P06xx Computer & Auxiliary Outputs
 - P07xx Trans
 - P08xx Trans
 - P09xx Trans
- Manufacturer Code Sections
 - P10xx Fuel & Air Metering, Auxiliary Emission Ctrls
 - P11xx Fuel & Air Metering
 - P12xx Fuel & Air Metering
 - P13xx Ignition & Firing Sys
 - P14xx Auxiliary Emission Ctrls
 - P15xx Vehicle Speed, Idle Ctrl & Auxiliary Inputs
 - P16xx Computer & Auxiliary Outputs
 - P17xx Trans
 - P18xx Trans
 - P19xx Trans
- Not all codes shown apply to every vehicle model.
- P Codes shown with a * symbol may cause a dashboard indicator lamp to light.
- Many logged codes are transitory in nature and are automatically reset.
- Codes shown are for FORD vehicles in general.
- DTC P1000 is an indication that the vehicle needs to be driven for a period so that the vehicle can learn certain operating characteristics. This code cannot be cleared using the DTC Reader clear function.
- Because of differences in vehicle computers, your MAX MicroTuner may not work in all Ford OBDII equipped vehicles.

Code Interpretation

P0001	Fuel Volume Regulator Ctrl Circ/Open
P0002	Fuel Volume Regulator Ctrl Circ Range/Perf
P0003	Fuel Volume Regulator Ctrl Circ Low
P0004	Fuel Volume Regulator Ctrl Circ High
P0005	Fuel Shutoff Valve A Ctrl Circ/Open
P0006	Fuel Shutoff Valve A Ctrl Circ Low
P0007	Fuel Shutoff Valve A Ctrl Circ High
P0008	Engine Position System Perf bank1
P0009	Engine Position System Perf bank2
P0010	A Camshaft Pos Actuator Circ (bank1)
P0011*	A Camshaft Pos Timing - Over-Advanced bank1
P0012*	A Camshaft Pos Timing - Over-Retarded (bank1)
P0013*	B Camshaft Pos Actuator Circ (bank1)
P0014	B Camshaft Pos Timing - Over-Advanced (bank1)
P0015	B Camshaft Pos Timing - Over-Retarded (bank1)
P0016	Crankshaft Position - Camshaft Position Correlation bank1 Sens A
P0017	Crankshaft Position - Camshaft Position Correlation bank1 Sens B
P0018	Crankshaft Position - Camshaft Position Correlation bank2 Sens A
P0019	Crankshaft Position - Camshaft Position Correlation bank2 Sens B
P0020	A Camshaft Pos Actuator Circ (bank2)
P0021	A Camshaft Pos Timing - Over-Advanced (bank2)
P0022	A Camshaft Pos Timing - Over-Retarded (bank2)
P0023	B Camshaft Pos Actuator Circ (bank2)
P0024	B Camshaft Pos Timing - Over-Advanced (bank2)
P0025	B Camshaft Pos Timing - Over-Retarded (bank2)
P0026	Intake Valve Ctrl Solenoid Circ Range/Perf bank1
P0027	Exhaust Valve Ctrl Solenoid Circ Range/Perf bank1
P0028	Intake Valve Ctrl Solenoid Circ Range/Perf bank2
P0029	Exhaust Valve Ctrl Solenoid Circ Range/Perf bank2
P0030	HO2S Heater Ctrl Circ (bank1, Sens1)
P0031*	HO2S Heater Ctrl Circ Low (bank1, Sens1)
P0032*	HO2S Heater Ctrl Circ High (bank1, Sens1)
P0033	Turbo Charger Bypass Valve Ctrl Circ
P0034	Turbo Charger Bypass Valve Ctrl Circ Low
P0035	Turbo Charger Bypass Valve Ctrl Circ High
P0036	HO2S Heater Ctrl Circ (bank1, Sens2)
P0037*	HO2S Heater Ctrl Circ Low (bank1, Sens2)
P0038*	HO2S Heater Ctrl Circ High (bank1, Sens2)
P0039	T/Super Charger Bypass Valve Ctrl Circ Range/Perf
P0040	O2 Sens Signals Swapped bank1 Sens1/ bank2 Sens1
P0041	O2 Sens Signals Swapped bank1 Sens2/ bank2 Sens2
P0042	HO2S Heater Ctrl Circ (bank1, Sens3)
P0043	HO2S Heater Ctrl Circ Low (bank1, Sens3)
P0044	HO2S Heater Ctrl Circ High (bank1, Sens3)
P0045	T/Super Charger Boost Ctrl Solenoid Circ/Open
P0046	T/Super Charger Boost Ctrl Solenoid Circ Range/Perf
P0047	T/Super Charger Boost Ctrl Solenoid Circ Low
P0048	T/Super Charger Boost Ctrl Solenoid Circ High
P0049	T/Super Charger Turbine Overspeed
P0050	HO2S Heater Ctrl Circ (bank2, Sens1)
P0051*	HO2S Heater Ctrl Circ Low (bank2, Sens1)
P0052*	HO2S Heater Ctrl Circ High (bank2, Sens1)
P0053	HO2S Heater Resistance bank1 Sens1
P0054	HO2S Heater Resistance bank1 Sens2
P0055	HO2S Heater Resistance bank1 Sens3
P0056	HO2S Heater Ctrl Circ (bank2, Sens2)
P0057*	HO2S Heater Ctrl Circ Low (bank2, Sens2)
P0058*	HO2S Heater Ctrl Circ High (bank2, Sens2)
P0059	HO2S Heater Resistance bank2 Sens1
P0060	HO2S Heater Resistance bank2 Sens2
P0061	HO2S Heater Resistance bank2 Sens3
P0062	HO2S Heater Ctrl Circ (bank2, Sens3)
P0063	HO2S Heater Ctrl Circ Low (bank2, Sens3)
P0064	HO2S Heater Ctrl Circ High (bank2, Sens3)
P0065*	Air Assisted Injector Ctrl Range/Perf
P0066*	Air Assisted Injector Ctrl Circ Low
P0067	Air Assisted Injector Ctrl Circ High
P0068	MAP/MAF - Throttle Position Correlation
P0069	MAP - Barometric Pressure Correlation
P0070	Ambient Air Temp Sens Circ
P0071	Ambient Air Temp Sens Range/Perf
P0072	Ambient Air Temp Sens Circ Low Input
P0073	Ambient Air Temp Sens Circ High Input
P0074	Ambient Air Temp Sens Circ Intern.
P0075	Intake Valve Ctrl Circ (bank1)
P0076	Intake Valve Ctrl Circ Low (bank1)
P0077	Intake Valve Ctrl Circ High (bank1)
P0078	Exhaust Valve Ctrl Circ (bank1)
P0079	Exhaust Valve Ctrl Circ Low (bank1)

Code Interpretation

P0080	Exhaust Valve Ctrl Circ High (bank1)
P0081	Intake Valve Ctrl Circ (bank2)
P0082	Intake Valve Ctrl Circ Low (bank2)
P0083	Intake Valve Ctrl Circ High (bank2)
P0084	Exhaust Valve Ctrl Circ (bank2)
P0085	Exhaust Valve Ctrl Circ Low (bank2)
P0086	Exhaust Valve Ctrl Circ High (bank2)
P0087	Fuel Rail/Sys Pres - Too Low
P0088	Fuel Rail/Sys Pres - Too High
P0089	Fuel Pres Regulator Perf
P0090	Fuel Pres Regulator Ctrl Circ
P0091	Fuel Pres Regulator Ctrl Circ Low
P0092	Fuel Pres Regulator Ctrl Circ High
P0093	Fuel Sys Leak Detected - Large Leak
P0094	Fuel Sys Leak Detected - Small Leak
P0095	Intake Air Temp Sens2 Circ
P0096	Intake Air Temp Sens2 Circ Range/Perf
P0097	Intake Air Temp Sens2 Circ Low
P0098	Intake Air Temp Sens2 Circ High
P0099	Intake Air Temp Sens2 Circ Intern./Erratic
P0100	Mass/Volume Air Flow Circ Error
P0101	Mass/Volume Air Flow Circ Range/Perf
P0102*	Mass/Volume Air Flow Circ Low Input
P0103*	Mass/Volume Air Flow Circ High Input
P0104	Mass/Volume Air Flow Circ Intern.
P0105*	Manf Abs Pres/Baro Pres Circ Error
P0106*	Manf Abs Pres/Baro Pres Circ Range/Perf
P0107*	Manf Abs Pres/Baro Pres Circ Low Input
P0108*	Manf Abs Pres/Baro Pres Circ High Input
P0109*	Manf Abs Pres/Baro Pres Circ Intern.
P0110	Intake Air Temp Circ Error
P0111	Intake Air Temp Circ Range/Perf
P0112*	Intake Air Temp Circ Low Input
P0113*	Intake Air Temp Circ High Input
P0114	Intake Air Temp Circ Intern.
P0115	Eng Coolant Temp Circ Error
P0116*	Eng Coolant Temp Circ Range/Perf
P0117*	Eng Coolant Temp Circ Low Input
P0118*	Eng Coolant Temp High Input
P0119	Eng Coolant Temp Intern.
P0120*	Throttle Pos Sens/Switch A Circ Error
P0121*	Throttle Pos Sens/Switch A Circ Range/Perf
P0122*	Throttle Pos Sens/Switch A Circ Low Input
P0123*	Throttle Pos Sens/Switch A Circ High Input
P0124*	Throttle Pos Sens/Switch A Circ Intern.
P0125*	Insuff Coolant Temp for Closed Loop Fuel Ctrl
P0126	Insuff Coolant Temp Stable Operation
P0127	Intake Air Temp Too High
P0128*	Coolant Temp Thermostat
P0129	Barometric Pressure Too Low
P0130	Oxy Sens Circ (bank1, Sens1)
P0131*	Oxy Sens Circ Low Voltage (bank1, Sens1)
P0132*	Oxy Sens Circ High Voltage (bank1, Sens1)
P0133*	Oxy Sens Circ Slow Response (bank1, Sens1)
P0134*	Oxy Sens Circ No Activity Detected (bank1 Sens1)
P0135*	Oxy Sens Heater Circ (bank1, Sens1)
P0136*	Oxy Sens Circ (bank1, Sens2)
P0137*	Oxy Sens Circ Low Voltage (bank1, Sens2)
P0138*	Oxy Sens Circ High Voltage (bank1, Sens2)
P0139	Oxy Sens Circ Slow Response (bank1, Sens2)
P0140*	Oxy Sens Circ No Activity Detected (bank1 Sens2)
P0141	Oxy Sens Heater Circ (bank1, Sens2)
P0142	Oxy Sens Circ (bank1, Sens3)
P0143	Oxy Sens Circ Low Voltage (bank1, Sens3)
P0144	Oxy Sens Circ High Voltage (bank1, Sens3)
P0145	Oxy Sens Circ Slow Response (bank1, Sens3)
P0146	Oxy Sens Circ No Activity Detected (bank1 Sens3)
P0147	Oxy Sens Heater Circ (bank1, Sens3)
P0148	Fuel Delivery Error
P0149	Fuel Timing Error
P0150	Oxy Sens Circ (bank2, Sens1)
P0151	Oxy Sens Circ Low Voltage (bank2, Sens1)
P0152	Oxy Sens Circ High Voltage (bank2, Sens1)
P0153	Oxy Sens Circ Slow Response (bank2, Sens1)
P0154	Oxy Sens Circ No Activity Detected (bank2 Sens1)
P0155	Heated Oxy Sens Heater Circ (bank2, Sens1)
P0156	Oxy Sens Circ (bank2, Sens2)
P0157	Oxy Sens Circ Low Voltage (bank2, Sens2)
P0158	Oxy Sens Circ High Voltage (bank2, Sens2)
P0159	Oxy Sens Circ Slow Response (bank2, Sens2)
P0160	Oxy Sens Circ No Activity Detected (bank2 Sens2)
P0161	Heated Oxy Sens Heater Circ (bank2, Sens2)

Code Interpretation

P0162 Oxy Sens Circ (bank2, Sens3)
P0163 Oxy Sens Circ Low Voltage (bank2, Sens3)
P0164 Oxy Sens Circ High Voltage (bank2, Sens3)
P0165 Oxy Sens Circ Slow Response (bank2, Sens3)
P0166 Oxy Sens Circ No Activity Detected (bank2 Sens3)
P0167 Heated Oxy Sens Heater Circ (bank2, Sens3)
P0168 Eng Fuel Temp High
P0169 Incorrect Fuel Composition
P0170 Fuel Trim Error (bank1)
P0171 Sys too Lean (bank1)
P0172 Sys too Rich (bank1)
P0173 Fuel Trim Error (bank2)
P0174 Sys too Lean (bank2)
P0175 Sys too Rich (bank2)
P0176 Fuel Composition Sens Circ Error
P0177 Fuel Composition Sens Circ Range/Perf
P0178 Fuel Composition Sens Circ Low Input
P0179 Fuel Composition Sens Circ High Input
P0180 Fuel Temp Sens A Circ Error
P0181 Fuel Temp Sens A Circ Range/Perf
P0182 Fuel Temp Sens A Circ Low Input
P0183 Fuel Temp Sens A Circ High Input
P0184 Fuel Temp Sens A Circ Intern.
P0185 Fuel Temp Sens B Circ Error
P0186 Fuel Temp Sens B Circ Range/Perf
P0187 Fuel Temp Sens B Circ Low Input
P0188 Fuel Temp Sens B Circ High Input
P0189 Fuel Temp Sens B Circ Intern.
P0190 Fuel Rail Pres Sens Circ Error
P0191 Fuel Rail Pres Sens Circ Range/Perf
P0192 Fuel Rail Pres Sens Circ Low Input
P0193 Fuel Rail Pres Sens Circ High Input
P0194 Fuel Rail Pres Sens Circ Intern.
P0195 Eng Oil Temp Sens Error
P0196 Eng Oil Temp Sens Range/Perf
P0197 Eng Oil Temp Sens Circ Low Input
P0198 Eng Oil Temp Sens Circ High Input
P0199 Eng Oil Temp Sens Intern.
P0200 Injector Circ Error
P0201 Injector Circ Error - Cylinder 1
P0202 Injector Circ Error - Cylinder 2
P0203 Injector Circ Error - Cylinder 3
P0204 Injector Circ Error - Cylinder 4
P0205 Injector Circ Error - Cylinder 5
P0206 Injector Circ Error - Cylinder 6
P0207 Injector Circ Error - Cylinder 7
P0208 Injector Circ Error - Cylinder 8
P0209 Injector Circ Error - Cylinder 9
P0210 Injector Circ Error - Cylinder 10
P0211 Injector Circ Error - Cylinder 11
P0212 Injector Circ Error - Cylinder 12
P0213 Cold Start Injector 1 Error
P0214 Cold Start Injector 2 Error
P0215 Eng Shutoff Solenoid Error
P0216 Injection Timing Ctrl Circ Error
P0217 Eng Overtemp Condition
P0218 Tran Overtemp Condition
P0219 Throttle Sw B Circ Error/Eng Overspeed Condition
P0220 Throttle Pos Sens/Switch B Circ Error
P0221 Throttle Pos Sens/Switch B Circ Range/Perf
P0222 Throttle Pos Sens/Switch B Circ Low Input
P0223 Throttle Pos Sens/Switch B Circ High Input
P0224 Throttle Pos Sens/Switch B Circ Intern.
P0225 Throttle Pos Sens/Switch C Circ Error
P0226 Throttle Pos Sens/Switch C Circ Range/Perf
P0227 Throttle Pos Sens/Switch C Circ Low Input
P0228 Throttle Pos Sens/Switch C Circ High Input
P0229 Throttle Pos Sens/Switch C Circ Intern.
P0230 Fuel Pump Relay Dvr Fail
P0231 Fuel Pump Relay Dvr Circ Fail On
P0232 Fuel Pump Relay Dvr Circ Fail Off
P0233 Fuel Pump Relay Dvr Intern.
P0234 Eng Overboost Condition
P0235 Turbo Boost Sens A Circ Error
P0236 Turbo Boost Sens A Circ Perf
P0237 Turbo Boost Sens A Circ Low Input
P0238 Turbo Boost Sens A Circ High Input
P0239 Turbo Boost Sens B Circ Error
P0240 Turbo Boost Sens B Circ Perf
P0241 Turbo Boost Sens B Circ Low Input
P0242 Turbo Boost Sens B Circ High Input
P0243 Turbo Wastegate Solenoid A Error
P0244 Turbo Wastegate Solenoid A Range/Perf
P0245 Turbo Wastegate Solenoid A Low

Code Interpretation

P0246 Turbo Wastegate Solenoid A High
P0247 Turbo Wastegate Solenoid A Error
P0248 Turbo Wastegate Solenoid A Range/Perf
P0249 Turbo Wastegate Solenoid A Low
P0250 Turbo Wastegate Solenoid A High
P0251 Injection Pump Fuel Metering Ctrl A Error
P0252 Injection Pump Fuel Metering Ctrl A Range/Perf
P0253 Injection Pump Fuel Metering Ctrl A Low
P0254 Injection Pump Fuel Metering Ctrl A High
P0255 Injection Pump Fuel Metering Ctrl A Intern.
P0256 Injection Pump Fuel Metering Ctrl A Error
P0257 Injection Pump Fuel Metering Ctrl A Range/Perf
P0258 Injection Pump Fuel Metering Ctrl A Low
P0259 Injection Pump Fuel Metering Ctrl A High
P0260 Injection Pump Fuel Metering Ctrl A Intern.
P0261* Injector Circ Low - Cylinder 1
P0262 Injector Circ High - Cylinder 1
P0263 Cylinder 1 Contribution/Balance Fault
P0264* Injector Circ Low - Cylinder 2
P0265 Injector Circ High - Cylinder 2
P0266 Cylinder 2 Contribution/Balance Fault
P0267* Injector Circ Low - Cylinder 3
P0268 Injector Circ High - Cylinder 3
P0269 Cylinder 3 Contribution/Balance Fault
P0270* Injector Circ Low - Cylinder 4
P0271 Injector Circ High - Cylinder 4
P0272 Cylinder 4 Contribution/Balance Fault
P0273* Injector Circ Low - Cylinder 5
P0274 Injector Circ High - Cylinder 5
P0275 Cylinder 5 Contribution/Balance Fault
P0276* Injector Circ Low - Cylinder 6
P0277 Injector Circ High - Cylinder 6
P0278 Cylinder 6 Contribution/Balance Fault
P0279* Injector Circ Low - Cylinder 7
P0280 Injector Circ High - Cylinder 7
P0281 Cylinder 7 Contribution/Balance Fault
P0282* Injector Circ Low - Cylinder 8
P0283 Injector Circ High - Cylinder 8
P0284 Cylinder 8 Contribution/Balance Fault
P0285* Injector Circ Low - Cylinder 9
P0286 Injector Circ High - Cylinder 9
P0287 Cylinder 9 Contribution/Balance Fault
P0288* Injector Circ Low - Cylinder 10
P0289 Injector Circ High - Cylinder 10
P0290 Cylinder 10 Contribution/Balance Fault
P0291* Injector Circ Low - Cylinder 11
P0292 Injector Circ High - Cylinder 11
P0293 Cylinder 11 Contribution/Balance Fault
P0294* Injector Circ Low - Cylinder 12
P0295 Injector Circ High - Cylinder 12
P0296 Cylinder 12 Contribution/Balance Fault
P0297 Vehicle Overspeed Condition
P0298* Eng Oil Overtemp Condition
P0299 T/Super Charger Underboost
P0300 Random/Multiple Cylinder Misfire Detected
P0301* Fault Cylinder A-Misfire Detected (CYLINDER 1)
P0302* Fault Cylinder B-Misfire Detected (CYLINDER 2)
P0303* Fault Cylinder D-Misfire Detected (CYLINDER 3)
P0304* Fault Cylinder E-Misfire Detected (CYLINDER 4)
P0305* Fault Cylinder F-Misfire Detected (CYLINDER 5)
P0306* Fault Cylinder G-Misfire Detected (CYLINDER 6)
P0307* Fault Cylinder C-Misfire Detected (CYLINDER 7)
P0308* Fault Cylinder H-Misfire Detected (CYLINDER 8)
P0309* Fault Cylinder I-Misfire Detected (CYLINDER 9)
P0310* Fault Cylinder J-Misfire Detected (CYLINDER 10)
P0311* Fault Cylinder K-Misfire Detected (CYLINDER 11)
P0312* Fault Cylinder L-Misfire Detected (CYLINDER 12)
P0313 Misfire Detected with Low Fuel
P0314 1 Cylinder Misfire (Cylinder not specific)
P0315 Crankshaft Position System Variation Not Learned
P0316 Engine Misfire Detected on Startup (First 1000 Revs)
P0317 Rough Road Hardware Not Present
P0318 Rough Road Sens A Signal Circ
P0319 Rough Road Sens B
P0320* Ignition/Distributor Eng Speed Input Circ Error
P0321* Ign/Distributor Eng Speed Input Circ Range/Perf
P0322* Ign/Distributor Eng Speed Input Circ No Signal
P0323 Ign/Distributor Eng Speed Input Circ Intern.
P0324 Knock Ctrl Sys Error
P0325 Knock Sens1 Circ Error (bank1/1 Sens)
P0326* Knock Sens1 Circ Range/Perf (bank1/1 Sens)
P0327* Knock Sens1 Circ Low Input (bank1/1 Sens)

Code Interpretation

P0328* Knock Sens1 Circ High Input (bank1/1 Sens)
P0329 Knock Sens1 Circ Intern. (bank1/1 Sens)
P0330 Knock Sens2 Circ Error (bank2)
P0331* Knock Sens2 Circ Range/Perf (bank2)
P0332* Knock Sens2 Circ Low Input (bank2)
P0333* Knock Sens2 Circ High Input (bank2)
P0334 Knock Sens2 Circ Intern. (bank2)
P0335 Crankshaft Pos Sens A Circ Error
P0336* Crankshaft Pos Sens A Circ Range/Perf
P0337 Crankshaft Pos Sens A Circ Low Input
P0338 Crankshaft Pos Sens A Circ High Input
P0339 Crankshaft Pos Sens A Circ Intern.
P0340* Camshaft Pos Sens Circ Error (bank1/1 Sens)
P0341* Camshaft Pos Sens Circ Perf (bank1/1 Sens)
P0342 Camshaft Pos Sens Circ Low Input (bank1/1 Sens)
P0343 Camshaft Pos Sens Circ High Input (bank1/1 Sens)
P0344* Camshaft Pos Sens Circ Intern. (bank1/1 Sens)
P0345 Camshaft Pos Sens Circ Error (bank2)
P0346 Camshaft Pos Sens Circ Perf (bank2)
P0347 Camshaft Pos Sens Circ Low Input (bank2)
P0348 Camshaft Pos Sens Circ High Input (bank2)
P0349 Camshaft Pos Sens Circ Intern. (bank2)
P0350 Ignition Coil Primary/Sec Circ Error
P0351* Ignition Coil A Primary/Sec Circ Error
P0352* Ignition Coil B Primary/Sec Circ Error
P0353* Ignition Coil C Primary/Sec Circ Error
P0354* Ignition Coil D Primary/Sec Circ Error
P0355* Ignition Coil E Primary/Sec Circ Error
P0356* Ignition Coil F Primary/Sec Circ Error
P0357* Ignition Coil G Primary/Sec Circ Error
P0358* Ignition Coil H Primary/Sec Circ Error
P0359* Ignition Coil I Primary/Sec Circ Error
P0360* Ignition Coil J Primary/Sec Circ (Glow Plug) Error
P0361 Ignition Coil K Pri/Sec Circ (Glow Plug Indicator) Error
P0362 Ignition Coil L Primary/Sec Circ Error
P0363 Misfire Detected - Fueling Disabled
P0365 Crankshaft Pos Sens B Circ Error (bank1)
P0366 Crankshaft Pos Sens B Circ Range/Perf (bank1)
P0367 Crankshaft Pos Sens B Circ Low Input (bank1)
P0368 Crankshaft Pos Sens B Circ High Input (bank1)
P0369 Crankshaft Pos Sens B Circ Intern. (bank1)
P0370 Timing Ref High Res Signal A Error
P0371 Timing Ref High Res Signal A Too Many Pulses
P0372 Timing Ref High Res Signal A Too Few Pulses
P0373 Timing Ref High Res Signal A Intern./Erratic Pulses
P0374 Timing Ref High Res Signal A No Pulses
P0375 Timing Ref High Res Signal B Error
P0376 Timing Ref High Res Signal B Too Many Pulses
P0377 Timing Ref High Res Signal B Too Few Pulses
P0378 Timing Ref High Res Signal B Intern./Erratic Pulses
P0379 Timing Ref High Res Signal B No Pulses
P0380* Glow Plug Circ Error Circ A
P0381* Glow Plug Indicator Circ Error
P0382 Glow Plug Circ Error Circ B
P0383 P0384 Reserved by document
P0385* Crankshaft Pos Sens B Circ Error
P0386 Crankshaft Pos Sens B Circ Range/Perf
P0387 Crankshaft Pos Sens B Circ Low Input
P0388 Crankshaft Pos Sens B Circ High Input
P0389 Crankshaft Pos Sens B Circ Intern.
P0390 Crankshaft Pos Sens B Circ Error (bank2)
P0391 Crankshaft Pos Sens B Circ Range/Perf (bank2)
P0392 Crankshaft Pos Sens B Circ Low Input (bank2)
P0393 Crankshaft Pos Sens B Circ High Input (bank2)
P0394 Crankshaft Pos Sens B Circ Intern. (bank2)
P0400* Exhaust Gas Recirculation Flow Error
P0401* Exhaust Gas Recirculation Flow Insuff Detected
P0402* Exhaust Gas Recirculation Flow Excessive Detected
P0403* Exhaust Gas Recirculation Circ Error
P0404 Exhaust Gas Recirculation Circ Range/Perf
P0405 Exhaust Gas Recirculation Sens A Circ Low
P0406 Exhaust Gas Recirculation Sens A Circ High
P0407 Exhaust Gas Recirculation Sens B Circ Low
P0408 Exhaust Gas Recirculation Sens B Circ High
P0409 Exhaust Gas Recirculation Sens A Circ
P0410 Sec Air Injection Sys Error
P0411* Sec Air Injection Sys Incorrect Flow Detected
P0412* Sec Air Injection Sys Switching Valve A Circ Error
P0413* Sec Air Injection Sys Switching Valve A Circ Open
P0414 Sec Air Injection Sys Switching Valve A Circ Shorted
P0415 Sec Air Injection Sys Switching Valve B Circ Error
P0416* Sec Air Injection Sys Switching Valve B Circ Open

Code Interpretation

P0417* Sec Air Injection Sys Switching Valve B Circ Shorted
P0418 Sec Air Injection Sys Relay A Circ Error
P0419 Sec Air Injection Sys Relay B Circ Error
P0420* Catalyst Sys Efficiency Threshold (bank1)
P0421* Warm Up Catalyst Efficiency Thresh (bank1)
P0422 Main Catalyst Efficiency Threshold (bank1)
P0423 Heated Catalyst Efficiency Threshold (bank1)
P0424 Heated Catalyst Temp Threshold (bank1)
P0425 Catalyst Temp Sens (bank1)
P0426 Catalyst Temp Sens Range/Perf (bank1)
P0427 Catalyst Temp Sens Low Input (bank1)
P0428 Catalyst Temp Sens High Input (bank1)
P0429 Catalyst Heater Ctrl Circ (bank1)
P0430* Catalyst Sys Efficiency Threshold (bank2)
P0431* Warm Up Catalyst Efficiency Thresh (bank2)
P0432 Main Catalyst Efficiency Threshold (bank2)
P0433 Heated Catalyst Efficiency Threshold (bank2)
P0434 Heated Catalyst Temp Threshold (bank2)
P0435 Catalyst Temp Sens (bank2)
P0436* Catalyst Temp Sens Range/Perf (bank2)
P0437* Catalyst Temp Sens Low Input (bank2)
P0438* Catalyst Temp Sens High Input (bank2)
P0439 Catalyst Heater Ctrl Circ (bank2)
P0440* Evap Emission Ctrl Sys Error
P0441* Evap Emission Ctrl Sys Incorrect Purge Flow
P0442* Evap Emission Ctrl Sys Leak Detected (small leak)
P0443* Evap Emission Ctrl Sys Purge Ctrl Valve Circ Error
P0444* Evap Emission Ctrl Sys Purge Ctrl Valve Circ Open
P0445* Evap Emission Ctrl Sys Purge Ctrl Valve Circ Short
P0446* Evap Emission Ctrl Sys Vent Ctrl Circ Error
P0447 Evap Emission Ctrl Sys Vent Ctrl Circ Open
P0448 Evap Emission Ctrl Sys Vent Ctrl Circ Shorted
P0449 Evap Emission Ctrl Sys Vent Valve/Solenoid Circ Error
P0450 Evap Emission Ctrl Sys Pres Sens Error
P0451* Evap Emission Ctrl Sys Pres Sens Range/Perf
P0452* Evap Emission Ctrl Sys Pres Sens Low Input
P0453* Evap Emission Ctrl Sys Pres Sens High Input
P0454 Evap Emission Ctrl Sys Pres Sens Intern.
P0455* Evap Emission Ctrl Sys Gross Leak Detected
P0456* Evap Emission Ctrl Sys Very Small Leak Detected
P0457 Evap Emission Ctrl Sys Leak (fuel cap loose/off)
P0458 Evaporative Emission System Purge Ctrl Valve Circ Low
P0459 Evaporative Emission System Purge Ctrl Valve Circ High
P0460* Fuel Tank Level Indicator Circ Error
P0461* Fuel Level Sens Circ Range/Perf
P0462 Fuel Level Sens Circ Low Input
P0463 Fuel Level Sens Circ High Input
P0464 Fuel Level Sens Circ Intern.
P0465 EVAP Purge Flow Sens Circ
P0466 EVAP Purge Flow Sens Circ Range/Perf
P0467 EVAP Purge Flow Sens Circ Low Input
P0468 EVAP Purge Flow Sens Circ High Input
P0469 EVAP Purge Flow Sens Circ Intern.
P0470 Exhaust Back Pres Sens Circ Error
P0471* Exhaust Back Pres Sens Circ Perf
P0472* Exhaust Back Pres Sens Circ Low Input
P0473* Exhaust Back Pres Sens Circ High Input
P0474 Exhaust Back Pres Sens Intern.
P0475* Exhaust Pres Ctrl Valve Error
P0476 Exhaust Pres Ctrl Valve Range/Perf
P0477 Exhaust Pres Ctrl Valve Low Output
P0478* Exhaust Pres Ctrl Valve High Input
P0479 Exhaust Pres Ctrl Valve Intern.
P0480 Cooling Fan 1 Ctrl Circ Error
P0481 Cooling Fan 2 Ctrl Circ Error
P0482 Cooling Fan 3 Ctrl Circ Error
P0483 Cooling Fan Rationality Check Error
P0484 Cooling Fan Over Current
P0485 Cooling Fan Power/Ground Circ Error
P0486 EGR Sens B Circ
P0487 EGR Throttle Pos Ctrl Circ
P0488 EGR Throttle Pos Ctrl Range/Perf
P0489 Exhaust Gas Recirculation Ctrl Circ Low
P0490 Exhaust Gas Recirculation Ctrl Circ High
P0491 Sec Air Injection Sys (bank1)
P0492 Sec Air Injection Sys (bank2)
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
P0500* Vehicle Speed Sens (VSS) Error

Code Interpretation

P0501* Vehicle Speed Sens Range/Perf
P0502 Vehicle Speed Sens Low Input
P0503* Vehicle Speed Sens Noisy
P0504* Brake Switch A/B Correlation
P0505* Idle Ctrl Sys Error
P0506* Idle Ctrl Sys RPM Lower Than Expected
P0507* Idle Ctrl Sys RPM Higher Than Expected
P0508 Idle Ctrl Sys Circ Low
P0509 Idle Ctrl Sys Circ High
P0510 Closed Throttle Pos Switch Error
P0511 Idle Air Ctrl Circ
P0512 Starter Request Circ
P0513 Incorrect Immobilizer Key
P0514 Battery Temp Sens Circ Range/Perf
P0515 Battery Temp Sens Circ
P0516 Battery Temp Sens Circ Low
P0517 Battery Temp Sens Circ High
P0518 Idle Air Ctrl Circ Intern.
P0519 Idle Air Ctrl System Perf
P0520 Eng Oil Pres Sens/Switch Circ Error
P0521 Eng Oil Pres Sens/Switch Circ Range/Perf
P0522 Eng Oil Pres Sens/Switch Circ Low Voltage
P0523 Eng Oil Pres Sens/Switch Circ High Voltage
P0524 Eng Oil Pres Too Low
P0525 Cruise Ctrl Servo Ctrl Circ Range/Perf
P0526 Fan Speed Sens Circ
P0527 Fan Speed Sens Circ Range/Perf
P0528 Fan Speed Sens Circ No Signal
P0529 Fan Speed Sens Circ Intern.
P0530 A/C Refrigerant Pres Sens Circ Error
P0531 A/C Refrigerant Pres Sens Circ Range/Perf
P0532 A/C Refrigerant Pres Sens Circ Low Input
P0533 A/C Refrigerant Pres Sens Circ High Input
P0534 Air Conditioner Refrigerant Charge Loss
P0535 A/C Evaporator Temp Sens Circ
P0536 A/C Evaporator Temp Sens Circ Range/Perf
P0537 A/C Evaporator Temp Sens Circ Low
P0538 A/C Evaporator Temp Sens Circ High
P0539 A/C Evaporator Temp Sens Circ Intern.
P0540 Manf Intake Air Heater Circ
P0541 Manf Intake Air Heater Circ Low
P0542 Manf Intake Air Heater Circ High
P0543 1) Intake Air Heater A Circ Open
P0544 EGT Sens Circ bank1
P0545 EGT Sens Circ Low bank1
P0546 EGT Sens Circ High bank1
P0547 EGT Sens Circ bank2
P0548 EGT Sens Circ Low bank2
P0549 EGT Sens Circ High bank2
P0550 Power Steering Pres Sens Circ Error
P0551* Power Steering Pres Sens Circ Range/Perf
P0552 Power Steering Pres Sens Circ Low Input
P0553 Power Steering Pres Sens Circ High Input
P0554 Power Steering Pres Sens Circ Intern.
P0555 Brake Booster Pressure Sens Circ
P0556 Brake Booster Pressure Sens Circ Range/Perf
P0557 Brake Booster Pressure Sens Circ Low Input
P0558 Brake Booster Pressure Sens Circ High Input
P0559 Brake Booster Pressure Sens Circ Intern.
P0560* Sys Voltage Error
P0561 Sys Voltage Unstable
P0562* Sys Voltage Low
P0563 Sys Voltage High
P0564 Cruise Ctrl Multi-Function Input Signal
P0565 Cruise Ctrl ON Signal Error
P0566 Cruise Ctrl OFF Signal Error
P0567 Cruise Ctrl RESUME Signal Error
P0568 Cruise Ctrl SET Signal Error
P0569 Cruise Ctrl COAST Signal Error
P0570 Cruise Ctrl ACCEL Signal Error
P0571* Cruise Ctrl/Brake Switch A Circ Fail
P0572 Cruise Ctrl/Brake Switch A Circ Low
P0573 Cruise Ctrl/Brake Switch A Circ High
P0574 Cruise Ctrl Sys Vehicle Speed Too High
P0575 Cruise Ctrl Input Circ
P0576 Cruise Ctrl Input Circ Low
P0577 Cruise Ctrl Input Circ High
P0578 Cruise Ctrl Multi-Function Input A Circ Stuck
P0579 Cruise Ctrl Multi-Function Input A Circ Range/Perf
P0580 2) Cruise Ctrl Multi-Function Input A Circ Low
P0581 2) Cruise Ctrl Multi-Function Input A Circ High
P0582 Cruise Ctrl Vacuum Ctrl Circ/Open
P0583 Cruise Ctrl Vacuum Ctrl Circ Low

Code Interpretation

P0584 Cruise Ctrl Vacuum Ctrl Circ High
P0585 Cruise Ctrl Multi-Function Input A/B Correlation
P0586 Cruise Ctrl Vent Ctrl Circ/Open
P0587 Cruise Ctrl Vent Ctrl Circ Low
P0588 Cruise Ctrl Vent Ctrl Circ High
P0589 Cruise Ctrl Multi-Function Input B Circ
P0590 Cruise Ctrl Multi-Function Input B Circ Stuck
P0591 Cruise Ctrl Multi-Function Input B Circ Range/Perf
P0592 Cruise Ctrl Multi-Function Input B Circ Low
P0593 Cruise Ctrl Multi-Function Input B Circ High
P0594 Cruise Ctrl Servo Ctrl Circ/Open
P0595 Cruise Ctrl Servo Ctrl Circ Low
P0596 Cruise Ctrl Servo Ctrl Circ High
P0597 Thermostat Heater Ctrl Circ/Open
P0598 Thermostat Heater Ctrl Circ Low
P0599 Thermostat Heater Ctrl Circ High
P0600 Serial Comm Link Error
P0601 Internal Ctrl Mod Mem Check Sum Error
P0602 Ctrl Mod Programming Error
P0603* Internal Ctrl Mod KAM Error
P0604 Internal Ctrl Mod RAM Error
P0605 Internal Ctrl Mod ROM Error
P0606 PCM Processor Fault
P0607 Powertrain Ctrl Mod Perf
P0608 Powertrain Ctrl Mod VSS Output A Error
P0609 Powertrain Ctrl Mod VSS Output B Error
P0610 Powertrain Ctrl Mod Vehicle Options Error
P0611 Fuel Injector Ctrl Mod Perf
P0612 Fuel Injector Ctrl Mod Ctrl Circ
P0613 TCM Processor
P0614 ECM / TCM Incompatible
P0615 Starter Relay Circ
P0616 Starter Relay Circ Low
P0617 Starter Relay Circ High
P0618 Alternative Fuel Ctrl Mod KAM Error
P0619 Alternative Fuel Ctrl Mod RAM/ROM Error
P0620 Generator Ctrl Circ Error
P0621 Generator Lamp L Ctrl Circ Error
P0622 Generator Field F Ctrl Circ Error
P0623 Generator Lamp Ctrl Circ Error
P0624 Fuel Cap Lamp Ctrl Circ Error
P0625 Generator Field/F Terminal Circ Low
P0626 Generator Field/F Terminal Circ High
P0627 Fuel Pump A Ctrl Circ /Open
P0628 Fuel Pump A Ctrl Circ Low
P0629 Fuel Pump A Ctrl Circ High
P0630 VIN Not Programmed/Mismatch - ECM/PCM
P0631 VIN Not Programmed/Mismatch - TCM
P0632 Odometer Not Programmed - ECM/PCM
P0633 Immobilizer Key Not Programmed - ECM/PCM
P0634 PCME/ECM/TCM Internal Temp Too High
P0635 Power Steering Ctrl Circ
P0636 Power Steering Ctrl Circ Low
P0637 Power Steering Ctrl Circ High
P0638 Throttle Actuator Ctrl Range/Perf bank1
P0639 Throttle Actuator Ctrl Range/Perf bank2
P0640 Manf Intake Air Heater Ctrl Circ
P0641 Sens Reference Voltage A Circ/Open
P0642 Sens Reference Voltage A Circ Low
P0643 Sens Reference Voltage A Circ High
P0644 Driver Display Serial Comm Circ
P0645 A/C Clutch Relay Ctrl Circ
P0646 A/C Clutch Relay Ctrl Circ Low
P0647 A/C Clutch Relay Ctrl Circ High
P0648 Immobilizer Lamp Ctrl Circ
P0649 Cruise Ctrl Lamp Ctrl Circ
P0650 Error Indicator Lamp (MIL) Ctrl Circ Error
P0651 Sens Reference Voltage B Circ/Open
P0652 Sens Reference Voltage B Circ Low
P0653 Sens Reference Voltage B Circ High
P0654 Eng RPM Output Circ Error
P0655 Eng Hot Lamp Output Ctrl Circ Malfunction
P0656 Fuel Level Output Circ Error
P0657 Actuator Supply Voltage A Circ/Open
P0658 Actuator Supply Voltage A Circ Low
P0659 Actuator Supply Voltage A Circ High
P0660* Intake Manf Tuning Valve Ctrl Circ bank1
P0661* Intake Manf Tuning Valve Ctrl Circ Low bank1
P0662* Intake Manf Tuning Valve Ctrl Circ High bank1
P0663 Intake Manf Tuning Valve Ctrl Circ bank2
P0664 Intake Manf Tuning Valve Ctrl Circ Low bank2
P0665 Intake Manf Tuning Valve Ctrl Circ High bank2
P0666 Cruise 'On Signal Error
P0667 Cruise 'Resume' Signal Error

Code Interpretation

P0668 Cruise Set' Signal Error
P0669 Cruise Coast' Signal Error
P0670 Glow plug Ctrl Circ Error
P0671* Glow plug #1 Circ failure
P0672* Glow plug #2 Circ failure
P0673* Glow plug #3 Circ failure
P0674* Glow plug #4 Circ failure
P0675* Glow plug #5 Circ failure
P0676* Glow plug #6 Circ failure
P0677* Glow plug #7 Circ failure
P0678* Glow plug #8 Circ failure
P0679 Reserve for future glow plug #9
P0680 Reserve for future glow plug #10
P0681 Reserve for future glow plug #11
P0682 Reserve for future glow plug #12
P0683* Glow Plug Ctrl Mod to PCM Comm Circ
P0684* Glow Plug Ctrl Mod to PCM Comm Circ
Range/Perf
P0685 ECM/PCM Power Relay Ctrl Circ /Open
P0686 ECM/PCM Power Relay Ctrl Circ Low
P0687 ECM/PCM Power Relay Ctrl Circ High
P0688 ECM/PCM Power Relay Sense Circ /Open
P0689 ECM/PCM Power Relay Sense Circ Low
P0690 ECM/PCM Power Relay Sense Circ High
P0691 Fan 1 Ctrl Circ Low
P0692 Fan 1 Ctrl Circ High
P0693 Fan 2 Ctrl Circ Low
P0694 Fan 2 Ctrl Circ High
P0695 Fan 3 Ctrl Circ Low
P0696 Fan 3 Ctrl Circ High
P0697 Sens Reference Voltage C Circ/Open
P0698 Sens Reference Voltage C Circ Low
P0699 Sens Reference Voltage C Circ High
P0700 Tran Ctrl Sys Error
P0701 Tran Ctrl Sys Range/Perf
P0702* Tran Ctrl Sys Electrical
P0703 Brake Switch B Circ Error
P0704* Clutch Pedal Pos Switch Input Circ Error
P0705* Tran Range Sens Circ Error
P0706* Tran Range Sens Circ Range/Perf
P0707* Tran Range Sens Circ Low Input
P0708* Tran Range Sens Circ High Input
P0709 Tran Range Sens Circ Intern.
P0710* Tran Fluid Temp Sens Circ Error
P0711* Tran Fluid Temp Sens Circ Range/Perf
P0712* Tran Fluid Temp Sens CKT Low Input
P0713* Tran Fluid Temp Sens CKT High Input
P0714 Tran Fluid Temp Sens Circ Intern.
P0715* Input/Turbine Speed Sens Circ Error
P0716 Input/Turbine Speed Sens Circ Range/Perf
P0717 Input/Turbine Speed Sens Circ No Signal
P0718* Input/Turbine Speed Sens Circ Intern.
P0719 Torque Converter/Brake Switch B Circ Low
P0720* Output Speed Sens Circ Error
P0721* Output Speed Sens Range/Perf
P0722 Output Speed Sens No Signal
P0723 Output Speed Sens Intern.
P0724 Torque Converter/Brake Switch B Circ High
P0725 Eng Speed input Circ Error
P0726 Eng Speed Input Circ Range/Perf
P0727 Eng Speed Input Circ No Signal
P0728 Eng Speed Input Circ Intern.
P0729 Gear 6 Incorrect Ratio
P0730 Incorrect Gear Ratio
P0731* Gear One Ratio Error
P0732* Gear Two Ratio Error
P0733* Gear Three Ratio Error
P0734* Gear Four Ratio Error
P0735* Gear Five Ratio Error
P0736 Reverse Gear Ratio Error
P0737 TCM Eng Speed Output Circ
P0738 TCM Eng Speed Output Circ Low
P0739 TCM Eng Speed Output Circ High
P0740* Torque Converter Clutch Circ Malfunction
P0741* Torque Converter Clutch Circ Perf/Stuck Off
P0742* Torque Converter Clutch Circ Stuck On
P0743* Torque Converter Clutch Sys Electrical Failure
P0744 Torque Converter Clutch Circ Intern.
P0745* Pres Ctrl Solenoid Error
P0746* Pres Ctrl Solenoid Perf/Stuck Off
P0747 Pres Ctrl Solenoid Stuck On
P0748 Pres Ctrl Solenoid Electrical

Code Interpretation

P0749 Pres Ctrl Solenoid Intern.
P0750* Shift Solenoid A Error
P0751* Shift Solenoid A Perf/Stuck Off
P0752* Shift Solenoid A Stuck On
P0753* Shift Solenoid A Electrical
P0754 Shift Solenoid A Intern.
P0755* Shift Solenoid B Error
P0756* Shift Solenoid B Perf/Stuck Off
P0757* Shift Solenoid B Stuck On
P0758* Shift Solenoid B Electrical
P0759 Shift Solenoid B Intern.
P0760* Shift Solenoid C Error
P0761* Shift Solenoid C Perf/Stuck Off
P0762* Shift Solenoid C Stuck On
P0763* Shift Solenoid C Electrical
P0764 Shift Solenoid C Intern.
P0765* Shift Solenoid D Error
P0766* Shift Solenoid D Perf/Stuck Off
P0767* Shift Solenoid D Stuck On
P0768* Shift Solenoid D Electrical
P0769 Shift Solenoid D Intern.
P0770* Shift Solenoid E Error
P0771* Shift Solenoid E Perf/Stuck Off
P0772* Shift Solenoid E Stuck On
P0773* Shift Solenoid E Electrical
P0774 Shift Solenoid E Intern.
P0775* Pres Ctrl Solenoid B
P0776 Pres Ctrl Solenoid B Perf/Stuck Off
P0777 Pres Ctrl Solenoid B Stuck On
P0778 Pres Ctrl Solenoid B Electrical
P0779 Pres Ctrl Solenoid B Intern.
P0780 Shift Error
P0781* 1-2 Shift Error
P0782* 2-3 Shift Error
P0783* 3-4 Shift Error
P0784* 4-5 Shift Error
P0785 Shift/Timing Solenoid Error
P0786 Shift/Timing Solenoid Range/Perf
P0787 Shift/Timing Solenoid Low
P0788 Shift/Timing Solenoid High
P0789 Shift/Timing Solenoid Intern.
P0790 Normal/Perf Switch Circ Error
P0791 Intermediate Shaft Speed Sens Circ
P0792 Intermediate Shaft Speed Sens Circ Range/Perf
P0793 Intermediate Shaft Speed Sens Circ No Signal
P0794* Intermediate Shaft Speed Sens Circ Intern.
P0795* Pres Ctrl Solenoid C
P0796* Pres Ctrl Solenoid C Perf/Stuck Off
P0797* Pres Ctrl Solenoid C Stuck On
P0798 Pres Ctrl Solenoid C Electrical
P0799 Pres Ctrl Solenoid C Intern.
P0800 Transfer Case Ctrl System (MIL Request)
P0801 Reverse Inhibit Ctrl Circ Error
P0802 Trans Ctrl System MIL Request Circ/Open
P0803 1-4 Up shift (Skip Shift) Solenoid Ctrl Circ Error
P0804 1-4 Up shift (Skip Shift) Lamp Ctrl Circ Error
P0805 Clutch Pos Sens Circ
P0806 Clutch Pos Sens Circ Range/Perf
P0807 Clutch Pos Sens Circ Low
P0808 Clutch Pos Sens Circ High
P0809 Clutch Pos Sens Circ Intern.
P0810 Clutch Pos Ctrl Error
P0811 Excessive Clutch Slippage
P0812 Reverse Input Circ
P0813 Reverse Output Circ
P0814 Tran Range Display Circ
P0815 Up Shift Switch Circ
P0816 Down shift Switch Circ
P0817 Starter Disable Circ
P0818 Driveline Disconnect Switch Input Circ
P0820 Gear Lever X-Y Pos Sens Circ
P0821 Gear Lever X-Y Pos Sens Circ
P0822 Gear Lever Y Pos Sens Circ
P0823 Gear Lever X Pos Sens Circ Intern.
P0824 Gear Lever Y Pos Sens Circ Intern.
P0825 Gear Lever Push/Pull Switch Circ (Shift Anticipate)
P0826 Up and Down Shift Switch Circ
P0827 Up and Down Shift Switch Circ Low
P0828 Up and Down Shift Switch Circ High
P0829 5-6 Shift
P0830 Clutch Pedal Switch A Circ
P0831 Clutch Pedal Switch A Circ Low

Code Interpretation

P0832	Clutch Pedal Switch A Circ High
P0833	Clutch Pedal Switch B Circ
P0834	Clutch Pedal Switch B Circ Low
P0835	Clutch Pedal Switch B Circ High
P0836	4WD Switch Circ
P0837	4WD Switch Circ Range/Perf
P0838	4WD Switch Circ Low
P0839	4WD Switch Circ High
P0840	Tran Fluid Pres Sens/Switch A Circ
P0841	Tran Fluid Pres Sens/Switch A Circ Range/Perf
P0842	Tran Fluid Pres Sens/Switch A Circ Low
P0843	Tran Fluid Pres Sens/Switch A Circ High
P0844	Tran Fluid Pres Sens/Switch A Circ Intern.
P0845	Tran Fluid Pres Sens/Switch B Circ
P0846	Tran Fluid Pres Sens/Switch B Circ Range/Perf
P0847	Tran Fluid Pres Sens/Switch B Circ Low
P0848	Tran Fluid Pres Sens/Switch B Circ High
P0849	Tran Fluid Pres Sens/Switch B Circ Intern.
P0850	Park/Neutral Switch Input Circ
P0851	Park/Neutral Switch Input Circ Low
P0852	Park/Neutral Switch Input Circ High
P0853	Drive Switch Input Circ
P0854	Drive Switch Input Circ Low
P0855	Drive Switch Input Circ High
P0856	Traction Ctrl Input Signal
P0857	Traction Ctrl Input Signal Range/Perf
P0858	Traction Ctrl Input Signal Low
P0859	Traction Ctrl Input Signal High
P0860	Gear Shift Mod Comm Circ
P0861	Gear Shift Mod Comm Circ Low
P0862	Gear Shift Mod Comm Circ High
P0863	TCM Comm Circ
P0864	TCM Comm Circ Range/Perf
P0865	TCM Comm Circ Low
P0866	TCM Comm Circ High
P0867	Trans Fluid Pressure
P0868	Trans Fluid Pressure Low
P0869	Trans Fluid Pressure High
P0870	Tran Fluid Pres Sens/Switch C Circ
P0871	Tran Fluid Pres Sens/Switch C Circ Range/Perf
P0872	Trans Fluid Pressure Sens/Switch C Circ Low
P0873	Trans Fluid Pressure Sens/Switch C Circ High
P0874	Trans Fluid Pressure Sens/Switch C Circ Intern.
P0875	Tran Fluid Pres Sens/Switch D Circ
P0876	Tran Fluid Pres Sens/Switch D Circ Range/Perf
P0877	Trans Fluid Pressure Sens/Switch D Circ Low
P0878	Trans Fluid Pressure Sens/Switch D Circ High
P0879	Trans Fluid Pressure Sens/Switch D Circ Intern.
P0880	TCM Power Input Signal
P0881	TCM Power Input Signal Range/Perf
P0882	TCM Power Input Signal Low
P0883	TCM Power Input Signal High
P0884	TCM Power Input Signal Intern.
P0885	TCM Power Relay Ctrl Circ/Open
P0886	TCM Power Relay Ctrl Circ Low
P0887	TCM Power Relay Ctrl Circ High
P0888	TCM Power Relay Sense Circ
P0889	TCM Power Relay Sense Circ Range/Perf
P0890	TCM Power Relay Sense Circ Low
P0891	TCM Power Relay Sense Circ High
P0892	TCM Power Relay Sense Circ Intern.
P0893	Multiple Gears Engaged
P0894	Trans Component Slipping
P0895	Shift Time Too Short
P0896	Shift Time Too Long
P0897	Trans Fluid Deteriorated
P0898	Trans Ctrl System MIL Request Circ Low
P0900	Clutch Actuator Circ/Open
P0901	Clutch Actuator Circ Range/Perf
P0902	Clutch Actuator Circ Low
P0903	Clutch Actuator Circ High
P0904	Gate Select Position Circ
P0905	Gate Select Position Circ Range/Perf
P0906	Gate Select Position Circ Low
P0907	Gate Select Position Circ High
P0908	Gate Select Position Circ Intern.
P0909	Gate Select Ctrl Error
P0910	Gate Select Actuator Circ/Open
P0911	Gate Select Actuator Circ Range/Perf
P0912	Gate Select Actuator Circ Low
P0913	Gate Select Actuator Circ High
P0914	Gear Shift Position Circ
P0915	Gear Shift Position Circ Range/Perf
P0916	Gear Shift Position Circ Low

Code Interpretation

P0917	Gear Shift Position Circ High
P0918	Gear Shift Position Circ Intern.
P0919	Gear Shift Position Ctrl Error
P0920	Gear Shift Forward Actuator Circ/Open
P0921	Gear Shift Forward Actuator Circ Range/Perf
P0922	Gear Shift Forward Actuator Circ Low
P0923	Gear Shift Forward Actuator Circ High
P0924	Gear Shift Reverse Actuator Circ/Open
P0925	Gear Shift Reverse Actuator Circ Range/Perf
P0926	Gear Shift Reverse Actuator Circ Low
P0927	Gear Shift Reverse Actuator Circ High
P0928	Gear Shift Lock Solenoid Ctrl Circ/Open
P0929	Gear Shift Lock Solenoid Ctrl Circ Range/Perf
P0930	Gear Shift Lock Solenoid Ctrl Circ Low
P0931	Gear Shift Lock Solenoid Ctrl Circ High
P0932	Hydraulic Pressure Sens Circ
P0933	Hydraulic Pressure Sens Range/Perf
P0934	Hydraulic Pressure Sens Circ Low
P0935	Hydraulic Pressure Sens Circ High
P0936	Hydraulic Pressure Sens Circ Intern.
P0937	Hydraulic Oil Temp Sens Circ
P0938	Hydraulic Oil Temp Sens Range/Perf
P0939	Hydraulic Oil Temp Sens Circ Low
P0940	Hydraulic Oil Temp Sens Circ High
P0941	Hydraulic Oil Temp Sens Circ Intern.
P0942	Hydraulic Pressure Unit
P0943	Hydraulic Pressure Unit Cycling Period Too Short
P0944	Hydraulic Pressure Unit Loss of Pressure
P0945	Hydraulic Pump Relay Ctrl/Open
P0946	Hydraulic Pump Relay Circ Range/Perf
P0947	Hydraulic Pump Relay Circ Low
P0948	Hydraulic Pump Relay Circ High
P0949	Auto Shift Manual Adaptive Learning Not Complete
P0950	Auto Shift Manual Ctrl Circ
P0951	Auto Shift Manual Ctrl Circ Range/Perf
P0952	Auto Shift Manual Ctrl Circ Low
P0953	Auto Shift Manual Ctrl Circ High
P0954	Auto Shift Manual Ctrl Circ Intern.
P0955	Auto Shift Manual Mode Circ
P0956	Auto Shift Manual Mode Circ Range/Perf
P0957	Auto Shift Manual Mode Circ Low
P0958	Auto Shift Manual Mode Circ High
P0959	Auto Shift Manual Mode Circ Intern.
P0960	Pres Ctrl Solenoid A Ctrl Circ Open
P0961	Pressure Ctrl Solenoid A Ctrl Circ Range/Perf
P0962	Pres Ctrl Solenoid A Ctrl Circ Range/Perf
P0963	Pres Ctrl Solenoid A Ctrl Circ Low
P0964	Pressure Ctrl Solenoid B Ctrl Circ/Open
P0965	Pressure Ctrl Solenoid B Ctrl Circ Range/Perf
P0966	Pressure Ctrl Solenoid B Ctrl Circ Low
P0967	Pressure Ctrl Solenoid B Ctrl Circ High
P0968	Pressure Ctrl Solenoid C Ctrl Circ/Open
P0969	Pressure Ctrl Solenoid C Ctrl Circ Range/Perf
P0970	Pressure Ctrl Solenoid C Ctrl Circ Low
P0971	Pressure Ctrl Solenoid C Ctrl Circ High
P0972	Shift Solenoid A Ctrl Circ Range/Perf
P0973	Shift Solenoid A Ctrl Circ Low
P0974	Shift Solenoid A Ctrl Circ High
P0975	Shift Solenoid B Ctrl Circ Range/Perf
P0976	Shift Solenoid B Ctrl Circ Low
P0977	Shift Solenoid B Ctrl Circ High
P0978	Shift Solenoid C Ctrl Circ Range/Perf
P0979	Shift Solenoid C Ctrl Circ Low
P0980	Shift Solenoid C Ctrl Circ High
P0981	Shift Solenoid D Ctrl Circ Range/Perf
P0982	Shift Solenoid D Ctrl Circ Low
P0983	Shift Solenoid D Ctrl Circ High
P0984	Shift Solenoid E Ctrl Circ Range/Perf
P0985	Shift Solenoid E Ctrl Circ Low
P0986	Shift Solenoid E Ctrl Circ High
P0987	Transm Fluid Pres Sens/Switch E Circ
P0988	Transm Fluid Pres Sens/Switch E Circ Range/Perf
P0989	Trans Fluid Pressure Sens/Switch E Circ Low
P0990	Trans Fluid Pressure Sens/Switch E Circ High
P0991	Trans Fluid Pressure Sens/Switch E Circ Intern.
P0992	Trans Fluid Pressure Sens/Switch F Circ
P0993	Trans Fluid Pressure Sens/Switch F Circ Range/Perf
P0994	Trans Fluid Pressure Sens/Switch F Circ Low
P0995	Trans Fluid Pressure Sens/Switch F Circ High
P0996	Trans Fluid Pressure Sens/Switch F Circ Intern.
P0997	Shift Solenoid F Ctrl Circ Range/Perf
P0998	Shift Solenoid F Ctrl Circ Low
P0999	Shift Solenoid F Ctrl Circ High
P0A00	Motor Electronics Coolant Temp Sens Circ

Code Interpretation

P0A01	Motor Electronics Coolant Temp Sens Circ Range/Perf
P0A02	Motor Electronics Coolant Temp Sens Circ Low
P0A03	Motor Electronics Coolant Temp Sens Circ High
P0A04	Motor Electronics Coolant Temp Sens Circ Intern.
P0A05	Motor Electronics Coolant Pump Ctrl Circ/Open
P0A06	Motor Electronics Coolant Pump Ctrl Circ Low
P0A07	Motor Electronics Coolant Pump Ctrl Circ High
P0A08	DC/DC Converter Status Circ
P0A09	DC/DC Converter Status Circ Low Input
P0A10	DC/DC Converter Status Circ High Input
P0A11	DC/DC Converter Enable Circ/Open
P0A12	DC/DC Converter Enable Circ Low
P0A13	DC/DC Converter Enable Circ High
P0A14	Engine Mount Ctrl Circ/Open
P0A15	Engine Mount Ctrl Circ Low
P0A16	Engine Mount Ctrl Circ High
P0A17	Motor Torque Sens Circ
P0A18	Motor Torque Sens Circ Range/Perf
P0A19	Motor Torque Sens Circ Low
P0A20	Motor Torque Sens Circ High
P0A21	Motor Torque Sens Circ Intern.
P0A22	Generator Torque Sens Circ
P0A23	Generator Torque Sens Circ Range/Perf
P0A24	Generator Torque Sens Circ Low
P0A25	Generator Torque Sens Circ High
P0A26	Generator Torque Sens Circ Intern.
P0A27	Battery Power Off Circ
P0A28	Battery Power Off Circ Low
P0A29	Battery Power Off Circ High
P1000	Monitor Checks Not Complete-More Driving Required
P1001	KOER Not Able to Complete, KOER Aborted
P1100	Mass Air Flow Sens Circ Intern.
P1101	Mass Air Flow Sens Out Of Self Test Range
P1102	Mass Air Flow Sens in Range / Lower Than Expected
P1103	Mass Air Flow Sens in Range / Higher Than Expected
P1104	Mass Air Flow Sens Circ Ground
P1105	Dual Alternator Upper Fault (Monitor)
P1106	Dual Alternator Lower Fault (Ctrl)
P1107	Dual Alternator Lower Circ Error (Ctrl)
P1108	Dual Alternator BATT Lamp Circ Error
P1109	Intake Air Temp B Circ Intern.
P1110	Intake Air Temp Circ (D/C) Open/Short
P1111	Sys Pass (No DTCs Available)
P1112	Intake Air Temp Circ Intern.
P1113	Intake Air Temp Circ (L/C) Open/Short
P1114	Intake Air Temp B Circ Low Input (S/T Charged Eng)
P1115	Intake Air Temp B Circ High Input (S/T Charged Eng)
P1116	Eng Coolant Temp Sens Out Of Self Test Range
P1117	Eng Coolant Temp Sens Circ Intern.
P1118	Manf Air Temp Sens Low Input
P1119	Manf Air Temp Sens High Input
P1120	Throttle Pos Sens A Out Of Range Low (Ratch low)
P1121	Throttle Pos Sens A Inconsistent With MAF Sens
P1122	Pedal Pos Sens A Circ Low Input
P1123	Pedal Pos Sens A Circ High Input
P1124	Throttle Pos Sens A Out Of Self Test Range
P1125	Throttle Pos Sens A Intern.
P1126	Throttle Pos (Narrow Range) Sens Circ
P1127	Exhaust Not Warm, Downstream O2 Sens Not Tested
P1128	Upstream HO2S Sens Swapped
P1129	Downstream HO2S Sens Swapped
P1130	Lack Of HO2S11 Switch - Fuel Trim At Limit
P1131	Lack Of HO2S11 Switch - Sens Indicates Lean
P1132	Lack Of HO2S11 Switch - Sens Indicates Rich
P1133	bank1 Fuel Ctrl Shifted Lean (FAOSC)
P1134	bank1 Fuel Ctrl Shifted Rich (FAOSC)
P1135	Pedal Position Sens A Circ Intern.
P1136	Ctrl Box Fan Circ
P1137	Lack Of HO2S12 Switch - Sens Indicates Lean
P1138	Lack Of HO2S12 Switch - Sens Indicates Rich
P1139	Water in Fuel Indicator Circ Error
P1140	Water in Fuel Condition
P1141	Fuel Restriction Indicator Circ
P1142	Fuel Restriction Condition
P1143	Air Assisted Injector Ctrl Valve Range/Perf
P1144	Air Assisted Injector Ctrl Valve Circ
P1150	Lack Of HO2S21 Switch - Fuel Trim At Limit
P1151	Lack Of HO2S21 Switch - Sens Indicates Lean
P1152	Lack Of HO2S21 Switch - Sens Indicates Rich
P1153	bank2 Fuel Ctrl Shifted Lean (FAOSC)
P1154	bank2 Fuel Ctrl Shifted Rich (FAOSC)
P1155	Alternative Fuel Ctrl Mod Has Activated the MIL
P1156	Fuel Select Switch Circ
P1157	Lack Of HO2S22 Switch - Sens Indicates Lean

Code Interpretation

P1158	Lack Of HO2S22 Switch - Sens Indicates Rich
P1159	Fuel Stepper Motor
P1167	Invalid Test - Operator Did Not Actuate Throttle
P1168	Fuel Rail Pres Sens In Range But Low
P1169	Fuel Rail Pres Sens In Range But High
P1170	Eng Shut Off Solenoid
P1171	Rotor Sens
P1172	Rotor Ctrl
P1173	Rotor Calibration
P1174	Cam Sens
P1175	Cam Ctrl
P1176	Cam Calibration
P1177	Synchronization
P1178	Boltup Limits
P1179	Long Term Fuel Trim Too Rich - Banks 1 & 2
P1180	Fuel Delivery System - Low
P1181	Fuel Delivery System - High
P1182	Fuel Shutoff Solenoid Circ
P1183	Eng Oil Temp Sens Circ
P1184	Eng Oil Temp Sens Circ Perf
P1185	Fuel Pump Temp Sens High
P1186	Fuel Pump Temp Sens Low
P1187	Variant Selection
P1188	Calibration Mem
P1189	Pump Speed Signal
P1190	Calibration Resistor Out Of Range
P1191	Key Line Voltage
P1192	V External
P1193	EGR Dvr Over Current
P1194	ECM/PCM A/D Converter
P1195	SCP HBCC Chip Failed to Initialize
P1196	Key Off Voltage High
P1197	Key Off Voltage Low
P1198	Pump Rotor Ctrl Under-fueling
P1199	Fuel Level Input Circ Low
P1201	Cylinder #1 Injector Circ Open/Shorted
P1202	Cylinder #2 Injector Circ Open/Shorted
P1203	Cylinder #3 Injector Circ Open/Shorted
P1204	Cylinder #4 Injector Circ Open/Shorted
P1205	Cylinder #5 Injector Circ Open/Shorted
P1206	Cylinder #6 Injector Circ Open/Shorted
P1207	Cylinder #7 Injector Circ Open/Shorted
P1208	Cylinder #8 Injector Circ Open/Shorted
P1209	Injection Ctrl System Pres Peak Fault
P1210	Injection Ctrl Pres Expected Level
P1211	ICP Not Ctrlable - Pres Above/Desired
P1212	ICP Voltage Not at Expected Level
P1214	Pedal Position Sens B Circ Intern.
P1215	Pedal Position Sens C Circ Low Input
P1216	Pedal Position Sens C Circ High Input
P1217	Pedal Position Sens C Circ Intern.
P1218	CID Stuck High
P1219	CID Stuck Low
P1220	Series Throttle Ctrl System
P1221	Traction Ctrl System
P1222	Pedal Position Sens B Circ Low Input
P1223	Pedal Position Sens B Circ High Input
P1224	Throttle Position Sens B Out Of Self Test Range
P1225	Injector Circ Cylinder 2 Intern.
P1226	Ctrl Sleeve Sens Circ
P1227	Wastegate Failed Closed (Over Pres)
P1228	Wastegate Failed Open (Under Pres)
P1229	Charge Air Cooler Pump Dvr
P1230	Fuel Pump Low Speed Error (VLCM)
P1231	Fuel Pump Sec Circ Low, High Speed (VLCM)
P1232	Fuel Pump Speed Primary Circ(Two speed fuel pump)
P1233	Fuel Pump Dvr Mod Disabled/Off Line
P1234	Fuel Pump Dvr Mod Disabled/Off Line
P1235	Fuel Pump Ctrl out Of Range
P1236	Fuel Pump Ctrl Out Of Range
P1237	Fuel Pump Sec Circ
P1238	Fuel Pump Sec Circ
P1239	Speed Fuel Pump Positive Feed
P1240	Injector Circ Cylinder 7 Intern.
P1243	Injector Circ Cylinder 8 Intern.
P1244	Alternator Load High Input
P1245	Alternator Load Low Input
P1246	Alternator Load Input
P1247	Turbo Boost Pres Low
P1248	Turbo Boost Pres Not Detected
P1249	Wastegate Fail Steady State Test
P1250	Electronic Passive Anti-Theft System
P1252	Pedal Correlation PDS1 and LPDS High
P1253	Pedal Correlation PDS1 and LPDS Low

Code Interpretation

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
P1260	Theft Detected, Vehicle Immobilized
P1261	High to Low Side Short - Cylinder 1
P1262	High to Low Side Short - Cylinder 2
P1263	High to Low Side Short - Cylinder 3
P1264	High to Low Side Short - Cylinder 4
P1265	High to Low Side Short - Cylinder 5
P1266	High to Low Side Short - Cylinder 6
P1267	High to Low Side Short - Cylinder 7
P1268	High to Low Side Short - Cylinder 8
P1270	Eng RPM/Vehicle Speed Limiter Reached
P1271	High to Low Side Open - Cylinder 1
P1272	High to Low Side Open - Cylinder 2
P1273	High to Low Side Open - Cylinder 3
P1274	High to Low Side Open - Cylinder 4
P1275	High to Low Side Open - Cylinder 5
P1276	High to Low Side Open - Cylinder 6
P1277	High to Low Side Open - Cylinder 7
P1278	High to Low Side Open - Cylinder 8
P1280	ICP Circ Out of Range Low
P1281	ICP Circ Out of Range High
P1282	Excessive ICP
P1283	Injector Pres Regulator Circ
P1284	ICP Failure - Aborts KOER/CCT Test
P1285	Cylinder Head Overtemp Condition
P1286	Fuel Pulsewidth in Range But Lower Than Expected
P1287	Fuel Pulsewidth in Range But Higher Than Expected
P1288	Cylinder Head Temp Sens Out Of Self Test Range
P1289	Cylinder Head Temp Sens Circ High Input
P1290	Cylinder Head Temp Sens Circ Low Input
P1291	High Side No. 1 (Right) Short to GND/B+
P1292	High Side No. 2 (Left) Short to GND/B+
P1293	High Side Open Bank No. 1 (Right)
P1294	High Side Open Bank No. 2 (Left)
P1295	Multiple Faults on Bank No. 1 (Right)
P1296	Multiple Faults on Bank No. 2 (Left)
P1297	High Sides Shorted Together
P1298	Injector Dvr Mod Failure
P1299	Cylinder Head Overtemp Protection Active
P1300	Boost Calibration Fault
P1301	Boost Calibration High
P1302	Boost Calibration Low
P1303	Exhaust Gas Recirculation Calibration Fault
P1304	Exhaust Gas Recirculation Calibration High
P1305	Exhaust Gas Recirculation Calibration Low
P1306	Kickdown Relay Pull-In Circ
P1307	Kickdown Relay Hold Circ
P1309	Misfire Mon Hdw-CMP Misaligned, CKP/CMP Noise, PCM AICE Chip
P1310	Ionization Misfire Detect Mod Fault
P1311	Ionization Misfire Detect Mod Comm Fault
P1316	Injector Ctr/IDM Codes Detected
P1317	Injector Ctr/IDM Codes Not Retrieved
P1336	Crankshaft Position System Variation Not Learned
P1340	Camshaft Position Sens B Circ
P1350	Ignition Ctrl System
P1351	Ignition Diag Monitor Input Circ
P1352	Ignition Coil A Primary Circ
P1353	Ignition Coil B Primary Circ
P1354	Ignition Coil C Primary Circ
P1355	Ignition Coil D Primary Circ
P1356	Ignition Diag Monitor Indicates Eng Not Turning
P1357	Ignition Diag Monitor Pulsewidth Not Defined
P1358	Ignition Diag Monitor Signal Out Of Self Test Range
P1359	Spark Output Circ
P1360	Ignition Coil A Sec Circ
P1361	Ignition Coil B Sec Circ
P1362	Ignition Coil C Sec Circ
P1363	Ignition Coil D Sec Circ
P1364	Ignition Coil Primary Circ
P1365	Ignition Coil Sec Circ
P1366	Ignition Spare
P1367	Ignition Spare
P1368	Ignition Spare
P1369	Eng Temp Light Circ
P1380	Camshaft Position Actuator Circ (bank1)
P1381	Camshaft Position Timing Over Advanced (bank1)
P1383	Camshaft Position Timing Over Retarded (bank1)
P1385	Camshaft Position Actuator Circ (bank2)
P1386	Camshaft Position Timing Over Advanced (bank2)

Code Interpretation

P1388	Camshaft Position Timing Over Retarded (bank2)
P1389	Glow Plug Circ High Side, Low Input
P1390	Octane Adjust Service Pin In Use/Circ Open
P1391	Glow Plug Circ Low Input Bank No. 1(Right)
P1392	Glow Plug Circ High Input (bank1)
P1393	Glow Plug Circ Low Input Bank No. 2 (Left)
P1394	Glow Plug Circ High Input (bank2)
P1395	Glow Plug Monitor Fault Bank No. 1
P1396	Glow Plug Monitor Fault Bank No. 2
P1397	System Voltage Out of Self Test Range
P1398	Wheel Speed Sens2 - G - Sens Circ High Voltage
P1398	Wheel Speed Sens2 - G - Sens Circ High Voltage
P1399	Glow Plug Circ High Side, High Input
P1400	Diff Pres Feedback EGR Circ Low Input
P1401	Diff Pres Feedback EGR Circ High Input
P1402	Exhaust Gas Recirculation Metering Orifice Restricted
P1403	Diff Pres Feedback Sens Hoses Reversed
P1404	EGR Temp Sens Circ
P1405	Diff Pres Feedback Sens Upstream Hose Off/Plugged
P1406	Diff Pres Feedback Sens Downstream Hose Off/Plugged
P1407	Exhaust Gas Recirculation No Flow Detected
P1408	Exhaust Gas Recirculation Flow Out Of Self Test Range
P1409	EGR Vacuum Regulator Solenoid Circ
P1410	Auxiliary Air Cleaner Inlet Ctrl Circ
P1411	Sec Air Injection Incorrect Downstream Flow Detected
P1413	Sec Air Injection Monitor Circ Low Input
P1414	Sec Air Injection Monitor Circ High Input
P1431	Misfire Monitor Disabled, unable to learn trig whl profile
P1442	Evap Emission Ctrl System Ctrl Leak Detected
P1443	Evap Emission Ctrl System Ctrl Valve
P1444	Purge Flow Sens Circ Low Input
P1445	Purge Flow Sens Circ High Input
P1450	Unable to Bleed Up Fuel Tank Vacuum
P1451	Evap Emission Ctrl System Vent Ctrl Circ
P1452	Unable to Bleed Up Fuel Tank Vacuum
P1455	Evap Emission Ctrl Sys Ctrl Leak (gross leak/no flow)
P1456	Fuel Tank Temp Sens Circ
P1457	Unable To Pull Fuel Tank Vacuum
P1460	Wide Open Throttle A/C Cutout Circ
P1461	A/C Pres Sens Circ High Input
P1462	A/C Pres Sens Circ Low Input
P1463	A/C Pres Sens Insuff Pres Change
P1464	A/C On During KOER/CCT Test
P1465	A/C Relay Circ
P1466	A/C Refrigerant Temp Sens Circ
P1469	Rapid A/C Cycling
P1473	Fan Circ Open (VLCM)
P1474	Fan Ctrl Primary Circ
P1479	High Fan Ctrl Primary Circ
P1480	Fan Sec Low with Low Fan On
P1481	Fan Sec Low with High Fan On
P1482	SCP
P1483	Fan Circ Shorted To Ground (VLCM)
P1484	Fan Dvr Ctrl Open To Power Ground (VLCM)
P1485	Brake Pedal Input Short To Battery
P1500	Vehicle Speed Sens
P1501	Vehicle Speed Sens Out Of Self Test Range
P1502	VSS Interm./Invalid Self Test - APCM Functioning
P1504	Idle Air Ctrl Circ
P1505	Idle Air Ctrl System At Adaptive Clip
P1506	Idle Air Ctrl Overspeed Error
P1507	Idle Air Ctrl Underspeed Error
P1512	Intake Manf Runner Ctrl Stuck Closed (bank1)
P1513	Intake Manf Runner Ctrl Stuck Closed (bank2)
P1516	Intake Manf Runner Ctrl Input Error (bank1)
P1517	Intake Manf Runner Ctrl Input Error (bank2)
P1518	Intake Manf Runner Ctrl Stuck Open (bank1)
P1519	Intake Manf Runner Ctrl Stuck Closed (bank2)
P1520	Intake Manf Runner Ctrl Circ
P1530	A/C Clutch Circ Open (VLCM)
P1531	Invalid Test - Accelerator Pedal Movement
P1532	Intake Manf Comm Ctrl Circ (bank2)P1533
P1534	Restraint Deployment Indicator Circ
P1536	Parking Brake Applied Failure
P1537	Intake Manf Runner Ctrl Stuck Open (bank1)
P1538	Intake Manf Runner Ctrl Stuck Open (bank2)
P1539	A/C Clutch Circ Overcurrent/Short (VLCM)
P1542	Primary PCM ID Circ (dual PCM application)
P1543	Eng Coolant heater A Ctrl Circ
P1544	Eng Coolant heater B Ctrl Circ
P1549	Intake Manf Comm Ctrl Circ (bank1)
P1550	Power Steering Pres Sens Out Of Self Test Range
P1565	Speed Ctrl Command Switch Out of Range High
P1566	Speed Ctrl Command Switch Out of Range Low

Code Interpretation

P1567	Speed Ctrl Output Circ
P1568	Speed Ctrl Unable to Hold Speed
P1572	Brake Pedal Switch Circ
P1573	Throttle Position Not Available
P1574	Throttle Position Sens Outputs Disagree
P1575	Pedal Position Out Of Self Test Range
P1576	Pedal Position Not Available
P1577	Pedal Position Sens Outputs Disagree
P1578	ETC Power Less Than Demand
P1579	ETC In Power Limiting Mode
P1580	Electronic Throttle Monitor PCM Override
P1581	Electronic Throttle Monitor Error
P1582	Electronic Throttle Monitor Data Available
P1583	Electronic Throttle Monitor Cruise Disablement
P1584	Throttle Ctrl Detected ETB Error
P1585	Throttle Ctrl Error
P1586	Electronic Throttle to PCM Comm Error
P1587	Throttle Ctrl Modulated Command Error
P1588	Throttle Ctrl Detected Loss Of Return Spring
P1589	Throttle Ctrl Unable To Ctrl To Desired Throttle Angle
P1600	Loss Of KAM Power, Circ Open
P1605	Keep Alive Memory Test Failure
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
P1625	Fan Dvr Ctrl Open to Power B+ (VLCM)
P1626	A/C Circ Open to Power B+ (VLCM)
P1633	Keep Alive Power Voltage Too Low
P1634	Data Output Link Circ
P1635	Tran/Axle Out of Acceptable Range
P1636	Inductive Signature Chip Comm Error
P1639	Vehicle ID Block Corrupted, Not Programmed
P1640	Powertrain DTCs Available In Another Ctrl Mod
P1641	Fuel Pump Primary Circ
P1642	CAN Link Circ
P1643	CAN Link Eng Ctrl Mod/Tran Ctrl Mod Circ/Network
P1644	Fuel Pump Speed Ctrl Circ
P1650	Power Steering Pres Switch Out Of Self Test Range
P1651	Power Steering Pres Switch Input
P1656	CAN Link PCM/PCM Circ/Network
P1657	CAN Link Chip Error
P1660	Output Circ Check Circ High Input
P1661	Output Circ Check Circ Low Input
P1662	EDU_EN Output Circ
P1663	Fuel Demand Command Signal Output Circ Failure
P1667	Cylinder ID Circ Failure
P1668	PCM/IDM Diagnostic Comm Error
P1670	EF Feedback Signal Not Detected
P1690	Wastegate Ctrl Valve Error
P1700	Tran Indeterminate Failure (Failed to Neutral)
P1701	Reverse Engagement Error
P1702	Tran Range Sens Interm. Circ Error
P1703	Brake Switch Out Of Self Test Range
P1704	Tran Range Sens Failed to Transition State
P1704	Tran Range Sens out of Self Test Range
P1705	Tran Range Circ Not Indicating P/N in Self test
P1706	High Vehicle Speed Observed in Park
P1707	Transfer Case Neutral Indicator Hard Fault Present
P1709	Park Neutral Position Switch Out Of Self Test Range
P1711	Tran Fluid Temp Sens Out Of Self Test Range
P1712	Tran Torque Reduction Request Signal
P1713	Tran Fluid Temp Sens In Range Failure(< 50 F)
P1714	Shift Solenoid A Inductive Signature
P1715	Shift Solenoid B Inductive Signature Error
P1716	Shift Solenoid C Inductive Signature
P1717	Shift Solenoid D Inductive Signature
P1718	TFT Stuck in Range High-250F
P1725	Insuff Eng Speed Increase During Self Test
P1726	Insuff Eng Speed Decrease During Self Test
P1727	Coast Clutch Solenoid Inductive Signature
P1728	Tran Slip Error
P1729	4x4L Switch Error
P1731	1-2 Shift Error
P1732	2-3 Shift Error
P1733	3-4 Shift Error
P1740	Torque Converter Clutch Solenoid Inductive Signal

Code Interpretation

P1741	Torque Converter Clutch Solenoid Ctrl Error
P1742	Torque Converter Clutch Solenoid Circ Failed On
P1743	Torque Converter Clutch Solenoid Circ Failed On*
P1744	Torque Converter Clutch System Perf
P1746	EPC Solenoid Open Circ
P1747	EPC Solenoid Short Circ
P1748	Pres Ctrl Solenoid A
P1749	Pres Ctrl Solenoid A Failed Low
P1751	Shift Solenoid A Perf
P1754	Coast Clutch Solenoid Circ Error
P1756	Shift Solenoid B Perf
P1760	EPC Solenoid Short Interm.
P1761	Shift Solenoid C Perf
P1762	Overdrive Band Failed Off
P1766	Shift Solenoid D Perf
P1767	Torque Converter Clutch Circ
P1768	Perf/Normal/Winter Mode Input
P1770	Clutch Solenoid Circ
P1779	TCIL Circ
P1780	TCS Circ Out of self Test Range
P1781	4x4L Circ Out of Self Test Range
P1782	Perf/Economy Switch Circ Out Of Self Test Range
P1783	Tran Overtemp Condition
P1784	Tran Mechanical Failure - 1st And Reverse
P1785	Tran Mechanical Failure - 1st And 2nd
P1786	3-2 Downshift Error
P1787	2-1 Downshift Error
P1788	Pres Ctrl Solenoid B Open Circ
P1789	Pres Ctrl Solenoid B Short Circ
P1795	Inconsistent CAN Level
P1804	4WD High Indicator Circ Open/Shorted To Ground
P1806	4WD High Indicator Short To Battery
P1808	4WD Low Indicator Circ Open/Short To Ground
P1810	4WD Low Indicator Short To Battery
P1812	4WD Mode Select Switch Circ Open
P1815	4WD Mode Select Switch Circ Short To Ground
P1819	Neutral Safety Switch Input Short To Ground
P1820	Transfer Case LQ/HI Shift Relay Circ Open/Short To Gnd
P1822	Transfer Case LQ/HI Shift Relay Coil Short To Battery
P1824	4WD Electric Clutch Relay Open/Short To Ground
P1826	4WD Electric Clutch Relay Short To Battery
P1828	Transfer Case H/VLO Shift Relay Coil Circ Open/Short to Gnd
P1830	Transfer Case H/VLO Shift Relay Coil Short To Battery
P1832	Transfer Case 4WD Solenoid Circ Open/Short To Gnd
P1834	Transfer Case 4WD Solenoid Circ Short To Battery
P1838	No Shift Motor Movement Detected
P1846	Transfer Case Contact Plate 'A' Circ Open
P1850	Transfer Case Contact Plate 'B' Circ Open
P1854	Transfer Case Contact Plate 'C' Circ Open
P1858	Transfer Case Contact Plate 'D' Circ Open
P1865	Transfer Case Contact Plate Power Short to Ground
P1866	Transfer Case Cannot Be Shifted
P1867	Transfer Case Contact Plate General Circ Failure
P1876	Transfer Case 2WD Solenoid Circ Open/Short To Gnd
P1877	Transfer Case 2WD Solenoid Circ Short To Battery
P1881	Eng Coolant Level Switch Circ
P1882	Eng Coolant Level Switch Circ Short To Ground
P1883	Eng Coolant Level Switch Circ
P1884	Eng Coolant Level Lamp Ctrl Short To Ground
P1891	Transfer Case Contact Plate Gnd Return Open Circ
P1900	Output Shaft Speed Sens Circ Interm.
P1901	Turbine Shaft Speed Sens Circ Interm.
P1902	Kickdown Solenoid Relay Ctrl Circ (Allison)
P1903	Kickdown Solenoid Circ Low Voltage
P1904	Kickdown Solenoid Circ High Voltage
P2000	NOx Trap Efficiency Below Threshold bank1
P2001	NOx Trap Efficiency Below Threshold bank2
P2002	Particulate Trap Efficiency Below Threshold bank1
P2003	Particulate Trap Efficiency Below Threshold bank2
P2004	Intake Manf Runner Ctrl Stuck Open bank1 a)
P2005	Intake Manf Runner Ctrl Stuck Open bank2 a)
P2006	Intake Manf Runner Ctrl Stuck Closed bank1 a)
P2007	Intake Manf Runner Ctrl Stuck Closed bank2 a)
P2008	Intake Manf Runner Ctrl Circ/Open bank1 a)
P2009	Intake Manf Runner Ctrl Circ Low bank1 a)
P2010	Intake Manf Runner Ctrl Circ High bank1 a)
P2011	Intake Manf Runner Ctrl Circ/Open bank2 a)
P2012	Intake Manf Runner Ctrl Circ Low bank2 a)
P2013	Intake Manf Runner Ctrl Circ High bank2 a)
P2014	Intake Manf Runner Position Sens/Switch Circ bank1
P2015	Intake Manf Runner Position Sens/Switch Circ bank2/Perf bank1
P2016	Intake Manf Runner Position Sens/Switch Circ Low bank1
P2017	Intake Manf Runner Position Sens/Switch Circ High bank1

Code Interpretation

P2018 Intake Manf Runner Position Sens/Switch Circ Intern. bank#2
 P2019 Intake Manf Runner Position Sens/Switch Circ bank2
 P2020 Intake Manf Runner Position Sens/Switch Circ Range/Perf bank2
 P2021 Intake Manf Runner Position Sens/Switch Circ Low bank2
 P2022 Intake Manf Runner Position Sens/Switch Circ High bank2
 P2023 Intake Manf Runner Position Sens/Switch Circ Intern. bank2
 P2024 EVAP Fuel Vapor Temp Sens Circ
 P2025 EVAP Fuel Vapor Temp Sens Perf
 P2026 EVAP Fuel Vapor Temp Sens Circ Low Voltage
 P2027 EVAP Fuel Vapor Temp Sens Circ High Voltage
 P2028 EVAP Fuel Vapor Temp Sens Circ Intern.
 P2029 Fuel Fired Heater Disabled
 P2030 Fuel Fired Heater Perf
 P2031 Exhaust Gas Temp Sens Circ bank1 Sens2
 P2032 Exhaust Gas Temp Sens Circ Low bank1 Sens2
 P2033 Exhaust Gas Temp Sens Circ High bank1 Sens2
 P2034 Exhaust Gas Temp Sens Circ bank2 Sens2
 P2035 Exhaust Gas Temp Sens Circ Low bank2 Sens2
 P2036 Exhaust Gas Temp Sens Circ High bank2 Sens2
 P2037 Reductant Injection Air Pressure Sens Circ
 P2038 Reductant Injection Air Pressure Sens Circ Range/Perf
 P2039 Reductant Injection Air Pressure Sens Circ Low Input
 P2040 Reductant Injection Air Pressure Sens Circ High Input
 P2041 Reductant Injection Air Pressure Sens Circ Intern.
 P2042 Reductant Temp Sens Circ
 P2043 Reductant Temp Sens Circ Range/Perf
 P2044 Reductant Temp Sens Circ Low Input
 P2045 Reductant Temp Sens Circ High Input
 P2046 Reductant Temp Sens Circ Intern.
 P2047 Reductant Injector Circ/Open bank1 Unit 1
 P2048 Reductant Injector Circ Low bank1 Unit 1
 P2049 Reductant Injector Circ High bank1 Unit 1
 P2050 Reductant Injector Circ/Open bank2 Unit 1
 P2051 Reductant Injector Circ Low bank2 Unit 1
 P2052 Reductant Injector Circ High bank2 Unit 1
 P2053 Reductant Injector Circ/Open bank1 Unit 2
 P2054 Reductant Injector Circ Low bank1 Unit 2
 P2055 Reductant Injector Circ High bank1 Unit 2
 P2056 Reductant Injector Circ/Open bank2 Unit 2
 P2057 Reductant Injector Circ Low bank2 Unit 2
 P2058 Reductant Injector Circ High bank2 Unit 2
 P2059 Reductant Injection Air Pump Ctrl Circ/Open
 P2060 Reductant Injection Air Pump Ctrl Circ Low
 P2061 Reductant Injection Air Pump Ctrl Circ High
 P2062 Reductant Supply Ctrl Circ/Open
 P2063 Reductant Supply Ctrl Circ Low
 P2064 Reductant Supply Ctrl Circ High
 P2065 Fuel Level Sens B Circ
 P2066 Fuel Level Sens B Perf
 P2067 Fuel Level Sens B Circ Low
 P2068 Fuel Level Sens B Circ High
 P2069 Fuel Level Sens B Circ Intern.
 P2070 Intake Manf Tuning Valve Stuck Open
 P2071 Intake Manf Tuning Valve Stuck Closed
 P2075 Intake Manf Tuning Valve Position Sens/Switch Circ
 P2076 Intake Manf Tuning Valve Position Sens/Switch Circ Range/Perf
 P2077 Intake Manf Tuning Valve Position Sens/Switch Circ Low
 P2078 Intake Manf Tuning Valve Position Sens/Switch Circ High
 P2079 Intake Manf Tuning Valve Position Sens/Switch Circ Intern.
 P2080 Exhaust Gas Temp Sens Circ Range/Perf bank1 Sens1
 P2081 Exhaust Gas Temp Sens Circ Intern. bank1 Sens1
 P2082 Exhaust Gas Temp Sens Circ Range/Perf bank2 Sens1
 P2083 Exhaust Gas Temp Sens Circ Intern. bank2 Sens1
 P2084 Exhaust Gas Temp Sens Circ Range/Perf bank1 Sens2
 P2085 Exhaust Gas Temp Sens Circ Intern. bank1 Sens2
 P2086 Exhaust Gas Temp Sens Circ Range/Perf bank2 Sens2
 P2087 Exhaust Gas Temp Sens Circ Intern. bank2 Sens2
 P2088 A Camshaft Position Actuator Ctrl Circ Low bank1 b)
 P2089 A Camshaft Position Actuator Ctrl Circ High bank1 b)
 P2090 B Camshaft Position Actuator Ctrl Circ Low bank1 c)
 P2091 B Camshaft Position Actuator Ctrl Circ High bank1 c)
 P2092 A Camshaft Position Actuator Ctrl Circ Low bank2 b)
 P2093 A Camshaft Position Actuator Ctrl Circ High bank2 b)
 P2094 B Camshaft Position Actuator Ctrl Circ Low bank2 c)
 P2095 B Camshaft Position Actuator Ctrl Circ High bank2 c)
 P2096 Post Catalyst Fuel Trim System Too Lean bank1
 P2097 Post Catalyst Fuel Trim System Too Rich bank1
 P2098 Post Catalyst Fuel Trim System Too Lean bank2
 P2099 Post Catalyst Fuel Trim System Too Rich bank2
 P2100 Throttle Actuator Ctrl Motor Circ/Open
 P2101 Throttle Actuator Ctrl Motor Circ Range/Perf
 P2102 Throttle Actuator Ctrl Motor Circ Low

Code Interpretation

P2103 Throttle Actuator Ctrl Motor Circ High
 P2104 Throttle Actuator Ctrl System - Forced Idle
 P2105 Throttle Actuator Ctrl System - Forced Engine Shutdown
 P2106 Throttle Actuator Ctrl System - Forced Limited Power
 P2107 Throttle Actuator Ctrl Mod Processor
 P2108 Throttle Actuator Ctrl Mod Perf
 P2109 Throttle/Pedal Position Sens A Minimum Stop Perf
 P2110 Throttle Actuator Ctrl System - Forced Limited RPM
 P2111 Throttle Actuator Ctrl System - Stuck Open
 P2112 Throttle Actuator Ctrl System - Stuck Closed
 P2113 Throttle/Pedal Position Sens B Minimum Stop Perf
 P2114 Throttle/Pedal Position Sens C Minimum Stop Perf
 P2115 Throttle/Pedal Position Sens D Minimum Stop Perf
 P2116 Throttle/Pedal Position Sens E Minimum Stop Perf
 P2117 Throttle/Pedal Position Sens F Minimum Stop Perf
 P2118 1) Throttle Actuator Ctrl Motor Current Range/Perf
 P2119 1) Throttle Actuator Ctrl Throttle Body Range/Perf
 P2120 Throttle/Pedal Position Sens/Switch D Circ
 P2121 Throttle/Pedal Position Sens/Switch D Circ Range/Perf
 P2122 Throttle/Pedal Position Sens/Switch D Circ Low Input
 P2123 Throttle/Pedal Position Sens/Switch D Circ High Input
 P2124 Throttle/Pedal Position Sens/Switch D Circ Intern.
 P2125 Throttle/Pedal Position Sens/Switch E Circ
 P2126 Throttle/Pedal Position Sens/Switch E Circ Range/Perf
 P2127 Throttle/Pedal Position Sens/Switch E Circ Low Input
 P2128 Throttle/Pedal Position Sens/Switch E Circ High Input
 P2129 Throttle/Pedal Position Sens/Switch E Circ Intern.
 P2130 Throttle/Pedal Position Sens/Switch F Circ
 P2131 Throttle/Pedal Position Sens/Switch F Circ Range Perf
 P2132 Throttle/Pedal Position Sens/Switch F Circ Low Input
 P2133 Throttle/Pedal Position Sens/Switch F Circ High Input
 P2134 Throttle/Pedal Position Sens/Switch F Circ Intern.
 P2135 Throttle/Pedal Position Sens/Switch A/B Voltage Correlation
 P2136 Throttle/Pedal Position Sens/Switch A/C Voltage Correlation
 P2137 Throttle/Pedal Position Sens/Switch B/C Voltage Correlation
 P2138 Throttle/Pedal Position Sens/Switch D/E Voltage Correlation
 P2139 Throttle/Pedal Position Sens/Switch D/F Voltage Correlation
 P2140 Throttle/Pedal Position Sens/Switch E/F Voltage Correlation
 P2141 2) Exhaust Gas Recirculation Throttle Ctrl Circ Low
 P2142 2) Exhaust Gas Recirculation Throttle Ctrl Circ High
 P2143 Exhaust Gas Recirculation Vent Ctrl Circ/Open
 P2144 Exhaust Gas Recirculation Vent Ctrl Circ Low
 P2145 Exhaust Gas Recirculation Vent Ctrl Circ High
 P2146 Fuel Injector Group A Supply Voltage Circ/Open
 P2147 Fuel Injector Group A Supply Voltage Circ Low
 P2148 Fuel Injector Group A Supply Voltage Circ High
 P2149 Fuel Injector Group B Supply Voltage Circ/Open
 P2150 Fuel Injector Group B Supply Voltage Circ Low
 P2151 Fuel Injector Group B Supply Voltage Circ High
 P2152 Fuel Injector Group C Supply Voltage Circ/Open
 P2153 Fuel Injector Group C Supply Voltage Circ Low
 P2154 Fuel Injector Group C Supply Voltage Circ High
 P2155 Fuel Injector Group D Supply Voltage Circ/Open
 P2156 Fuel Injector Group D Supply Voltage Circ Low
 P2157 Fuel Injector Group D Supply Voltage Circ High
 P2158 Vehicle Speed Sens B
 P2159 Vehicle Speed Sens B Range/Perf
 P2160 Vehicle Speed Sens B Circ Low
 P2161 Vehicle Speed Sens B Intern./Erratic
 P2162 Vehicle Speed Sens A / B Correlation
 P2163 Throttle/Pedal Position Sens A Maximum Stop Perf
 P2164 Throttle/Pedal Position Sens B Maximum Stop Perf
 P2165 Throttle/Pedal Position Sens C Maximum Stop Perf
 P2166 Throttle/Pedal Position Sens D Maximum Stop Perf
 P2167 Throttle/Pedal Position Sens E Maximum Stop Perf
 P2168 Throttle/Pedal Position Sens F Maximum Stop Perf
 P2169 Exhaust Pressure Regulator Vent Solenoid Ctrl Circ/Open
 P2170 Exhaust Pressure Regulator Vent Solenoid Ctrl Circ Low
 P2171 Exhaust Pressure Regulator Vent Solenoid Ctrl Circ High
 P2172 Throttle Actuator Ctrl System - Sudden High Airflow Detected
 P2173 Throttle Actuator Ctrl System - High Airflow Detected
 P2174 Throttle Actuator Ctrl System - Sudden Low Airflow Detected
 P2175 Throttle Actuator Ctrl System - Low Airflow Detected
 P2176 Throttle Actuator Ctrl System - Idle Position Not Learned
 P2177 System Too Lean Off Idle bank1
 P2178 System Too Rich Off Idle bank1
 P2179 System Too Lean Off Idle bank2
 P2180 System Too Rich Off Idle bank2
 P2181 Cooling System Perf
 P2182 Engine Coolant Temp Sens2 Circ
 P2183 Engine Coolant Temp Sens2 Circ Range/Perf
 P2184 Engine Coolant Temp Sens2 Circ Low
 P2185 Engine Coolant Temp Sens2 Circ High
 P2186 Engine Coolant Temp Sens2 Circ Intern./Erratic

Code Interpretation

P2187 System Too Lean at Idle bank1
 P2188 System Too Rich at Idle bank1
 P2189 System Too Lean at Idle bank2
 P2190 System Too Rich at Idle bank2
 P2191 System Too Lean at Higher Load bank1
 P2192 System Too Rich at Higher Load bank1
 P2193 System Too Lean at Higher Load bank2
 P2194 System Too Rich at Higher Load bank2
 P2195 O2 Sens Signal Stuck Lean bank1 Sens1
 P2196 O2 Sens Signal Stuck Rich bank1 Sens1
 P2197 O2 Sens Signal Stuck Lean bank2 Sens1
 P2198 O2 Sens Signal Stuck Rich bank2 Sens1
 P2199 Intake Air Temp Sens1 / 2 Correlation
 P2200 NOx Sens Circ bank1
 P2201 NOx Sens Circ Range/Perf bank1
 P2202 NOx Sens Circ Low Input bank1
 P2203 NOx Sens Circ High Input bank1
 P2204 NOx Sens Circ Intern. Input bank1
 P2205 NOx Sens Heater Ctrl Circ/Open bank1
 P2206 NOx Sens Heater Ctrl Circ Low bank1
 P2207 NOx Sens Heater Ctrl Circ High bank1
 P2208 NOx Sens Heater Sense Circ bank1
 P2209 NOx Sens Heater Sense Circ Range/Perf bank1
 P2210 NOx Sens Heater Sense Circ Low Input bank1
 P2211 NOx Sens Heater Sense Circ High Input bank1
 P2212 NOx Sens Heater Sense Circ Intern. bank1
 P2213 NOx Sens Circ bank2
 P2214 NOx Sens Circ Range/Perf bank2
 P2215 NOx Sens Circ Low Input bank2
 P2216 NOx Sens Circ High Input bank2
 P2217 NOx Sens Circ Intern. Input bank2
 P2218 NOx Sens Heater Ctrl Circ/Open bank2
 P2219 NOx Sens Heater Ctrl Circ Low bank2
 P2220 NOx Sens Heater Ctrl Circ High bank2
 P2221 NOx Sens Heater Sense Circ bank2
 P2222 NOx Sens Heater Sense Circ Range/Perf bank2
 P2223 NOx Sens Heater Sense Circ Low bank2
 P2224 NOx Sens Heater Sense Circ High bank2
 P2225 NOx Sens Heater Sense Circ Intern. bank2
 P2226 Barometric Pressure Circ
 P2227 Barometric Pressure Circ Range/Perf
 P2228 Barometric Pressure Circ Low
 P2229 Barometric Pressure Circ High
 P2230 Barometric Pressure Circ Intern.
 P2231 1) O2 Sens Signal Circ Shorted to Heater Circ bank1 Sens1
 P2232 1) O2 Sens Signal Circ Shorted to Heater Circ bank1 Sens2
 P2233 1) O2 Sens Signal Circ Shorted to Heater Circ bank1 Sens3
 P2234 1) O2 Sens Signal Circ Shorted to Heater Circ bank2 Sens1
 P2235 1) O2 Sens Signal Circ Shorted to Heater Circ bank2 Sens2
 P2236 1) O2 Sens Signal Circ Shorted to Heater Circ bank2 Sens3
 P2237 2) O2 Sens Positive Current Ctrl Circ/Open bank1 Sens1
 P2238 2) O2 Sens Positive Current Ctrl Circ Low bank1 Sens1
 P2239 2) O2 Sens Positive Current Ctrl Circ High bank1 Sens1
 P2240 2) O2 Sens Positive Current Ctrl Circ/Open bank2 Sens1
 P2241 2) O2 Sens Positive Current Ctrl Circ Low bank2 Sens1
 P2242 2) O2 Sens Positive Current Ctrl Circ High bank2 Sens1
 P2243 O2 Sens Reference Voltage Circ/Open bank1 Sens1
 P2244 O2 Sens Reference Voltage Perf bank1 Sens1
 P2245 O2 Sens Reference Voltage Circ Low bank1 Sens1
 P2246 O2 Sens Reference Voltage Circ High bank1 Sens1
 P2247 O2 Sens Reference Voltage Circ/Open bank2 Sens1
 P2248 O2 Sens Reference Voltage Perf bank2 Sens1
 P2249 O2 Sens Reference Voltage Circ Low bank2 Sens1
 P2250 O2 Sens Reference Voltage Circ High bank2 Sens1
 P2251 O2 Sens Negative Current Ctrl Circ/Open bank1 Sens1
 P2252 O2 Sens Negative Current Ctrl Circ Low bank1 Sens1
 P2253 O2 Sens Negative Current Ctrl Circ High bank1 Sens1
 P2254 O2 Sens Negative Current Ctrl Circ/Open bank2 Sens1
 P2255 O2 Sens Negative Current Ctrl Circ Low bank2 Sens1
 P2256 O2 Sens Negative Current Ctrl Circ High bank2 Sens1
 P2257 Secondary Air Injection System Ctrl A Circ Low
 P2258 Secondary Air Injection System Ctrl A Circ High
 P2259 Secondary Air Injection System Ctrl B Circ Low
 P2260 Secondary Air Injection System Ctrl B Circ High
 P2261 T/Supper Charger Bypass Valve - Mechanical
 P2262 Turbo Boost Pressure Not Detected - Mechanical
 P2263 T/Supper Charger Boost System Perf
 P2264 Water in Fuel Sens Circ
 P2265 Water in Fuel Sens Circ Range/Perf
 P2266 Water in Fuel Sens Circ Low
 P2267 Water in Fuel Sens Circ High
 P2268 Water in Fuel Sens Circ Intern.
 P2269 Water in Fuel Condition
 P2270 O2 Sens Signal Stuck Lean bank1 Sens2

Code Interpretation

P2271 O2 Sens Signal Stuck Rich bank1 Sens2
 P2272 O2 Sens Signal Stuck Lean bank2 Sens2
 P2273 O2 Sens Signal Stuck Rich bank2 Sens2
 P2274 O2 Sens Signal Stuck Lean bank1 Sens3
 P2275 O2 Sens Signal Stuck Rich bank1 Sens3
 P2276 O2 Sens Signal Stuck Lean bank2 Sens3
 P2277 O2 Sens Signal Stuck Rich bank2 Sens3
 P2278 O2 Sens Signals Swapped bank1 Sens3 / bank2 Sens3
 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 Ctrl Pressure Sens Circ
 P2284 Injector Ctrl Pressure Sens Circ Range/Perf
 P2285 Injector Ctrl Pressure Sens Circ Low
 P2286 Injector Ctrl Pressure Sens Circ High
 P2287 Injector Ctrl Pressure Sens Circ Intern.
 P2288 Injector Ctrl Pressure Too High
 P2289 Injector Ctrl Pressure Too High - Engine Off
 P2290 Injector Ctrl Pressure Too Low
 P2291 Injector Ctrl Pressure Too Low - Engine Cranking
 P2292 Injector Ctrl Pressure Erratic
 P2293 Fuel Pressure Regulator 2 Perf
 P2294 Fuel Pressure Regulator 2 Ctrl Circ
 P2295 Fuel Pressure Regulator 2 Ctrl Circ Low
 P2296 Fuel Pressure Regulator 2 Ctrl Circ High
 P2297 O2 Sens Out of Range During Deceleration bank1 Sens1
 P2298 O2 Sens Out of Range During Deceleration bank2 Sens1
 P2299 Brake Pedal Position / Accelerator Pedal Position Incompatible
 P2300 Ignition Coil A Primary Ctrl Circ Low
 P2301 Ignition Coil A Primary Ctrl Circ High
 P2302 Ignition Coil A Secondary Circ
 P2303 Ignition Coil B Primary Ctrl Circ Low
 P2304 Ignition Coil B Primary Ctrl Circ High
 P2305 Ignition Coil B Secondary Circ
 P2306 Ignition Coil C Primary Ctrl Circ Low
 P2307 Ignition Coil C Primary Ctrl Circ High
 P2308 Ignition Coil C Secondary Circ
 P2309 Ignition Coil D Primary Ctrl Circ Low
 P2310 Ignition Coil D Primary Ctrl Circ High
 P2311 Ignition Coil D Secondary Circ
 P2312 Ignition Coil E Primary Ctrl Circ Low
 P2313 Ignition Coil E Primary Ctrl Circ High
 P2314 Ignition Coil E Secondary Circ
 P2315 Ignition Coil F Primary Ctrl Circ Low
 P2316 Ignition Coil F Primary Ctrl Circ High
 P2317 Ignition Coil F Secondary Circ
 P2318 Ignition Coil G Primary Ctrl Circ Low
 P2319 Ignition Coil G Primary Ctrl Circ High
 P2320 Ignition Coil G Secondary Circ
 P2321 Ignition Coil H Primary Ctrl Circ Low
 P2322 Ignition Coil H Primary Ctrl Circ High
 P2323 Ignition Coil H Secondary Circ
 P2324 Ignition Coil I Primary Ctrl Circ Low
 P2325 Ignition Coil I Primary Ctrl Circ High
 P2326 Ignition Coil I Secondary Circ
 P2327 Ignition Coil J Primary Ctrl Circ Low
 P2328 Ignition Coil J Primary Ctrl Circ High
 P2329 Ignition Coil J Secondary Circ
 P2330 Ignition Coil K Primary Ctrl Circ Low
 P2331 Ignition Coil K Primary Ctrl Circ High
 P2332 Ignition Coil K Secondary Circ
 P2333 Ignition Coil L Primary Ctrl Circ Low
 P2334 Ignition Coil L Primary Ctrl Circ High
 P2335 Ignition Coil L Secondary Circ
 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 Evaporative Emission System Leak Detect Pump Ctrl Circ/Open
 P2401 Evaporative Emission System Leak Detect Pump Ctrl Circ Low
 P2402 Evaporative Emission System Leak Detect Pump Ctrl Circ High

Code Interpretation

P2403	Evaporative Emission System Leak Detect Pump Sense Ctr/Open	P2519	A/C Request A Circ
P2404	Evaporative Emission System Leak Detect Pump Sense Ctr Range/Perf	P2520	A/C Request A Circ Low
P2405	Evaporative Emission System Leak Detect Pump Sense Ctr Low	P2521	A/C Request A Circ High
P2406	Evaporative Emission System Leak Detect Pump Sense Ctr High	P2522	A/C Request B Circ
P2407	Evaporative Emission System Leak Detect Pump Sense Ctr Interm./Erratic	P2523	A/C Request B Circ Low
P2408	Fuel Cap Sens/Switch Circ	P2524	A/C Request B Circ High
P2409	Fuel Cap Sens/Switch Circ Range/Perf	P2525	Vacuum Reservoir Pressure Sens Circ
P2410	Fuel Cap Sens/Switch Circ Low	P2526	Vacuum Reservoir Pressure Sens Circ Range/Perf
P2411	Fuel Cap Sens/Switch Circ High	P2527	Vacuum Reservoir Pressure Sens Circ Low
P2412	Fuel Cap Sens/Switch Circ Interm./Erratic	P2528	Vacuum Reservoir Pressure Sens Circ High
P2413	Exhaust Gas Recirculation System Perf	P2529	Vacuum Reservoir Pressure Sens Circ Interm.
P2414	O2 Sens Exhaust Sample Error bank1 Sens1	P2530	Ignition Switch Run Position Circ
P2415	O2 Sens Exhaust Sample Error bank2 Sens1	P2531	Ignition Switch Run Position Circ Low
P2416	O2 Sens Signals Swapped bank1 Sens2 / bank1 Sens3	P2532	Ignition Switch Run Position Circ High
P2417	O2 Sens Signals Swapped bank2 Sens2 / bank2 Sens3	P2533	Ignition Switch Run/Start Position Circ
P2418	Evaporative Emission System Switching Valve Ctr Circ /Open	P2534	Ignition Switch Run/Start Position Circ Low
P2419	Evaporative Emission System Switching Valve Ctr Circ Low	P2535	Ignition Switch Run/Start Position Circ High
P2420	Evaporative Emission System Switching Valve Ctr Circ High	P2536	Ignition Switch Accessory Position Circ
P2421	Evaporative Emission System Vent Valve Stuck Open	P2537	Ignition Switch Accessory Position Circ Low
P2422	Evaporative Emission System Vent Valve Stuck Closed	P2538	Ignition Switch Accessory Position Circ High
P2423	HC Adsorption Catalyst Efficiency Below Threshold bank1	P2539	Low Pressure Fuel System Sens Circ
P2424	HC Adsorption Catalyst Efficiency Below Threshold bank2	P2540	Low Pressure Fuel System Sens Circ Range/Perf
P2425	Exhaust Gas Recirculation Cooling Valve Ctr Circ/Open	P2541	Low Pressure Fuel System Sens Circ Low
P2426	Exhaust Gas Recirculation Cooling Valve Ctr Circ Low	P2542	Low Pressure Fuel System Sens Circ High
P2427	Exhaust Gas Recirculation Cooling Valve Ctr Circ High	P2543	Low Pressure Fuel System Sens Circ Interm.
P2428	Exhaust Gas Temp Too High bank1	P2544	Torque Management Request Input Signal A
P2429	Exhaust Gas Temp Too High bank2	P2545	Torque Management Request Input Signal A Range/Perf
P2430	Secondary Air Injection System Air Flow/Pressure Sens Ctr bank1	P2546	Torque Management Request Input Signal A Low
P2431	Secondary Air Injection System Air Flow/Pressure Sens Ctr Range/Perf bank1	P2547	Torque Management Request Input Signal A High
P2432	Secondary Air Injection System Air Flow/Pressure Sens Ctr Low bank1	P2548	Torque Management Request Input Signal B
P2433	Secondary Air Injection System Air Flow/Pressure Sens Ctr High bank1	P2549	Torque Management Request Input Signal B Range/Perf
P2434	Secondary Air Injection System Air Flow/Pressure Sens Ctr Interm./Erratic bank1	P2550	Torque Management Request Input Signal B Low
P2435	Secondary Air Injection System Air Flow/Pressure Sens Ctr bank2	P2551	Torque Management Request Input Signal B High
P2436	Secondary Air Injection System Air Flow/Pressure Sens Ctr Range/Perf bank2	P2552	Throttle/Fuel Inhibit Circ
P2437	Secondary Air Injection System Air Flow/Pressure Sens Ctr Low bank2	P2553	Throttle/Fuel Inhibit Circ Range/Perf
P2438	Secondary Air Injection System Air Flow/Pressure Sens Ctr High bank2	P2554	Throttle/Fuel Inhibit Circ Low
P2439	Secondary Air Injection System Air Flow/Pressure Sens Ctr Interm./Erratic bank2	P2555	Throttle/Fuel Inhibit Circ High
P2440	Secondary Air Injection System Switching Valve Stuck Open bank1	P2556	Engine Coolant Level Sens/Switch Circ
P2441	Secondary Air Injection System Switching Valve Stuck Closed bank1	P2557	Engine Coolant Level Sens/Switch Circ Range/Perf
P2442	Secondary Air Injection System Switching Valve Stuck Open bank2	P2558	Engine Coolant Level Sens/Switch Circ Low
P2443	Secondary Air Injection System Switching Valve Stuck Closed bank2	P2559	Engine Coolant Level Sens/Switch Circ High
P2444	Secondary Air Injection System Pump Stuck On bank1	P2560	Engine Coolant Level Low
P2445	Secondary Air Injection System Pump Stuck Off bank1	P2561	A/C Ctr Mod Requested MIL Illumination
P2446	Secondary Air Injection System Pump Stuck On bank2	P2562	Turbocharger Boost Ctr Position Sens Circ
P2447	Secondary Air Injection System Pump Stuck Off bank2	P2563	Turbocharger Boost Ctr Position Sens Circ Range/Perf
P2500	Generator Lamp/L-Terminal Circ Low	P2564	Turbocharger Boost Ctr Position Sens Circ Low
P2501	Generator Lamp/L-Terminal Circ High	P2565	Turbocharger Boost Ctr Position Sens Circ High
P2502	Charging System Voltage	P2566	Turbocharger Boost Ctr Position Sens Circ Interm.
P2503	Charging System Voltage Low	P2567	Direct Ozone Reduction Catalyst Temp Sens Circ
P2504	Charging System Voltage High	P2568	Direct Ozone Reduction Catalyst Temp Sens Circ Range/Perf
P2505	1 ECM/PCM Power Input Signal	P2569	Direct Ozone Reduction Catalyst Temp Sens Circ Low
P2506	1 ECM/PCM Power Input Signal Range/Perf	P2570	Direct Ozone Reduction Catalyst Temp Sens Circ High
P2507	1 ECM/PCM Power Input Signal Low	P2571	Direct Ozone Reduction Catalyst Temp Sens Circ Interm./Erratic
P2508	1 ECM/PCM Power Input Signal High	P2572	Direct Ozone Reduction Catalyst Deterioration Sens Circ
P2509	1 ECM/PCM Power Input Signal Interm.	P2573	Direct Ozone Reduction Catalyst Deterioration Sens Circ Range/Perf
P2510	ECM/PCM Power Relay Sense Circ Range/Perf	P2574	Direct Ozone Reduction Catalyst Deterioration Sens Circ Low
P2511	ECM/PCM Power Relay Sense Circ Interm.	P2575	Direct Ozone Reduction Catalyst Deterioration Sens Circ High
P2512	Event Data Recorder Request Ctr/ Open	P2576	Direct Ozone Reduction Catalyst Deterioration Sens Circ Interm./Erratic
P2513	Event Data Recorder Request Circ Low	P2577	Direct Ozone Reduction Catalyst Efficiency Below Threshold
P2514	Event Data Recorder Request Circ High	P2600	Coolant Pump Ctr Circ/Open
P2515	A/C Refrigerant Pressure Sens B Circ	P2601	Coolant Pump Ctr Circ Range/Perf
P2516	A/C Refrigerant Pressure Sens B Circ Range/Perf	P2602	Coolant Pump Ctr Circ Low
P2517	A/C Refrigerant Pressure Sens B Circ Low	P2603	Coolant Pump Ctr Circ High
P2518	A/C Refrigerant Pressure Sens B Circ High	P2604	Intake Air Heater A Circ Range/Perf
		P2605	Intake Air Heater A Ctr/Open
		P2606	Intake Air Heater B Circ Range/Perf
		P2607	Intake Air Heater B Circ Low
		P2608	Intake Air Heater B Circ High
		P2609	Intake Air Heater System Perf
		P2610	M/PCM Internal Engine Off Timer Perf
		P2611	A/C Refrigerant Distribution Valve Ctr Circ/Open
		P2612	A/C Refrigerant Distribution Valve Ctr Circ Low
		P2613	A/C Refrigerant Distribution Valve Ctr Circ High
		P2614	Camshaft Position Signal Output Ctr/Open
		P2615	Camshaft Position Signal Output Ctr Low
		P2616	Camshaft Position Signal Output Ctr High
		P2617	Crankshaft Position Signal Output Ctr/Open
		P2618	Crankshaft Position Signal Output Ctr Low
		P2619	Crankshaft Position Signal Output Ctr High

Code Interpretation

P2620	Throttle Position Output Ctr/Open	P2732	Pressure Ctr Solenoid F Perf or Stuck Off
P2621	Throttle Position Output Ctr Low	P2733	Pressure Ctr Solenoid F Stuck On
P2622	Throttle Position Output Ctr High	P2734	Pressure Ctr Solenoid F Electrical
P2623	Injector Ctr Pressure Regulator Ctr/Open	P2735	Pressure Ctr Solenoid F Interm.
P2624	Injector Ctr Pressure Regulator Ctr Low	P2736	Pressure Ctr Solenoid F Ctr Circ/Open
P2625	Injector Ctr Pressure Regulator Ctr High	P2737	Pressure Ctr Solenoid F Ctr Circ Range/Perf
P2626	O2 Sens Pumping Current Trim Ctr/Open bank1 Sens1	P2738	Pressure Ctr Solenoid F Ctr Circ Low
P2627	O2 Sens Pumping Current Trim Ctr Low bank1 Sens1	P2739	Pressure Ctr Solenoid F Ctr Circ High
P2628	O2 Sens Pumping Current Trim Ctr High bank1 Sens1	P2740	Trans Fluid Temp Sens B Circ
P2629	O2 Sens Pumping Current Trim Ctr/Open bank2 Sens1	P2741	Trans Fluid Temp Sens B Circ Range Perf
P2630	O2 Sens Pumping Current Trim Ctr Low bank2 Sens1	P2742	Trans Fluid Temp Sens B Circ Low
P2631	O2 Sens Pumping Current Trim Ctr High bank2 Sens1	P2743	Trans Fluid Temp Sens B Circ High
P2632	Fuel Pump B Ctr Circ /Open	P2744	Trans Fluid Temp Sens B Ctr Interm.
P2633	Fuel Pump B Ctr Circ Low	P2745	Intermediate Shaft Speed Sens B Circ
P2634	Fuel Pump B Ctr Circ High	P2746	Intermediate Shaft Speed Sens B Circ Range/Perf
P2635	Fuel Pump A Low Flow / Perf	P2747	Intermediate Shaft Speed Sens B Circ No Signal
P2636	Fuel Pump B Low Flow / Perf	P2748	Intermediate Shaft Speed Sens B Circ Interm.
P2637	Torque Management Feedback Signal A	P2749	Intermediate Shaft Speed Sens C Circ
P2638	Torque Management Feedback Signal A Range/Perf	P2750	Intermediate Shaft Speed Sens C Circ Range/Perf
P2639	Torque Management Feedback Signal A Low	P2751	Intermediate Shaft Speed Sens C Circ No Signal
P2640	Torque Management Feedback Signal A High	P2752	Intermediate Shaft Speed Sens C Circ Interm.
P2641	Torque Management Feedback Signal B	P2753	Trans Fluid Cooler Ctr Circ/Open
P2642	Torque Management Feedback Signal B Range/Perf	P2754	Trans Fluid Cooler Ctr Circ Low
P2643	Torque Management Feedback Signal B Low	P2755	Trans Fluid Cooler Ctr Circ High
P2644	Torque Management Feedback Signal B High	P2756	Torque Converter Clutch Pressure Ctr Solenoid
P2645	A Rocker Arm Actuator Ctr Circ/Open bank1	P2757	Torque Converter Clutch Pressure Ctr Solenoid Ctr Circ Perf or Stuck Off
P2646	A Rocker Arm Actuator System Perf or Stuck Off bank1	P2758	Torque Converter Clutch Pressure Ctr Solenoid Ctr Circ Stuck On
P2647	A Rocker Arm Actuator System Stuck On bank1	P2759	Torque Converter Clutch Pressure Ctr Solenoid Ctr Circ Electrical
P2648	A Rocker Arm Actuator Ctr Circ Low bank1	P2760	Torque Converter Clutch Pressure Ctr Solenoid Ctr Circ Interm.
P2649	A Rocker Arm Actuator Ctr Circ High bank1	P2761	Torque Converter Clutch Pressure Ctr Solenoid Ctr Circ Ctr/Open
P2650	B Rocker Arm Actuator Ctr Circ/Open bank1	P2762	Torque Converter Clutch Pressure Ctr Solenoid Ctr Circ Range/Perf
P2651	B Rocker Arm Actuator System Perf or Stuck Off bank1	P2763	Torque Converter Clutch Pressure Ctr Solenoid Ctr Circ High
P2652	B Rocker Arm Actuator System Stuck On bank1	P2764	Torque Converter Clutch Pressure Ctr Solenoid Ctr Circ Low
P2653	B Rocker Arm Actuator Ctr Circ Low bank1	P2765	Input/Turbine Speed Sens B Circ
P2654	B Rocker Arm Actuator Ctr Circ High bank1	P2766	Input/Turbine Speed Sens B Circ Range/Perf
P2655	A Rocker Arm Actuator Ctr Circ/Open bank2	P2767	Input/Turbine Speed Sens B Circ No Signal
P2656	A Rocker Arm Actuator System Perf or Stuck Off bank2	P2768	Input/Turbine Speed Sens B Ctr Interm.
P2657	A Rocker Arm Actuator System Stuck On bank2	P2769	Torque Converter Clutch Circ Low
P2658	A Rocker Arm Actuator Ctr Circ Low bank2	P2770	Torque Converter Clutch Circ High
P2659	A Rocker Arm Actuator Ctr Circ High bank2	P2771	Four Wheel Drive (4WD) Low Switch Circ
P2660	B Rocker Arm Actuator Ctr Circ/Open bank2	P2772	Four Wheel Drive (4WD) Low Switch Circ Range/Perf
P2661	B Rocker Arm Actuator System Perf or Stuck Off bank2	P2773	Four Wheel Drive (4WD) Low Switch Circ Low
P2662	B Rocker Arm Actuator System Stuck On bank2	P2774	Four Wheel Drive (4WD) Low Switch Circ High
P2663	B Rocker Arm Actuator Ctr Circ Low bank2	P2775	Upshift Switch Ctr Circ Low
P2664	B Rocker Arm Actuator Ctr Circ High bank2	P2776	Upshift Switch Ctr Circ High
P2665	Fuel Shutoff Valve B Ctr Circ/Open	P2777	Upshift Switch Ctr Circ Interm./Erratic
P2666	Fuel Shutoff Valve B Ctr Circ Low	P2778	Downshift Switch Ctr Circ Range/Perf
P2667	Fuel Shutoff Valve B Ctr Circ High	P2779	Downshift Switch Ctr Circ Low
P2668	Fuel Mode Indicator Lamp Ctr Circ	P2780	Downshift Switch Ctr Circ High
P2669	Actuator Supply Voltage B Ctr /Open	P2781	Downshift Switch Ctr Interm./Erratic
P2670	Actuator Supply Voltage B Ctr Low	P2782	Downshift Switch Ctr Interm./Erratic
P2671	Actuator Supply Voltage B Ctr High	P2783	Torque Converter Temp Too High
P2700	Trans Friction Element A Apply Time Range/Ref	P2784	Input/Turbine Speed Sens A/B Correlation
P2701	Trans Friction Element B Apply Time Range/Ref	P2785	Clutch Actuator Temp Too High
P2702	Trans Friction Element C Apply Time Range/Ref	P2786	Gear Shift Actuator Temp Too High
P2703	Trans Friction Element D Apply Time Range/Ref	P2787	Clutch Temp Too High
P2704	Trans Friction Element E Apply Time Range/Ref	P2788	Auto Shift Manual Adaptive Learning at Limit
P2705	Trans Friction Element F Apply Time Range/Ref	P2789	Clutch Adaptive Learning at Limit
P2706	Shift Solenoid F	P2790	Gate Select Direction Circ
P2707	Shift Solenoid F Perf or Stuck Off	P2791	Gate Select Direction Circ Low
P2708	Shift Solenoid F Stuck On	P2792	Gate Select Direction Circ High
P2709	Shift Solenoid F Electrical	P2793	Gear Shift Direction Circ
P2710	Shift Solenoid F Interm.	P2794	Gear Shift Direction Circ Low
P2711	Unexpected Mechanical Gear Disengagement	P2795	Gear Shift Direction Circ High
P2712	Hydraulic Power Unit Leakage	P2A00	O2 Sens Circ Range/Perf bank1 Sens1
P2713	Pressure Ctr Solenoid D	P2A01	O2 Sens Circ Range/Perf bank1 Sens2
P2714	Pressure Ctr Solenoid D Perf or Stuck Off	P2A02	O2 Sens Circ Range/Perf bank1 Sens3
P2715	Pressure Ctr Solenoid D Stuck On	P2A03	O2 Sens Circ Range/Perf bank2 Sens1
P2716	Pressure Ctr Solenoid D Electrical	P2A04	O2 Sens Circ Range/Perf bank2 Sens2
P2717	Pressure Ctr Solenoid D Interm.	P2A05	O2 Sens Circ Range/Perf bank2 Sens3
P2718	Pressure Ctr Solenoid D Ctr Circ / Open	P3400	Cylinder Deactivation System bank1
P2719	Pressure Ctr Solenoid D Ctr Circ Range/Perf	P3401	Cylinder 1 Deactivation/Intake Valve Ctr Circ/Open
P2720	Pressure Ctr Solenoid D Ctr Circ Low	P3402	Cylinder 1 Deactivation/Intake Valve Ctr Perf
P2721	Pressure Ctr Solenoid D Ctr Circ High	P3403	Cylinder 1 Deactivation/Intake Valve Ctr Circ Low
P2722	Pressure Ctr Solenoid E	P3404	Cylinder 1 Deactivation/Intake Valve Ctr Circ High
P2723	Pressure Ctr Solenoid E Perf or Stuck Off	P3405	Cylinder 1 Exhaust Valve Ctr Circ/Open
P2724	Pressure Ctr Solenoid E Stuck On	P3406	Cylinder 1 Exhaust Valve Ctr Perf
P2725	Pressure Ctr Solenoid E Electrical		
P2726	Pressure Ctr Solenoid E Interm.		
P2727	Pressure Ctr Solenoid E Ctr Circ / Open		
P2728	Pressure Ctr Solenoid E Ctr Circ Range/Perf		
P2729	Pressure Ctr Solenoid E Ctr Circ Low		
P2730	Pressure Ctr Solenoid E Ctr Circ High		
P2731	Pressure Ctr Solenoid F		

Code Interpretation

P3407	Cylinder 1 Exhaust Valve Ctrl Circ Low
P3408	Cylinder 1 Exhaust Valve Ctrl Circ High
P3409	Cylinder 2 Deactivation/Intake Valve Ctrl Circ/Open
P3410	Cylinder 2 Deactivation/Intake Valve Ctrl Perf
P3411	Cylinder 2 Deactivation/Intake Valve Ctrl Circ Low
P3412	Cylinder 2 Deactivation/Intake Valve Ctrl Circ High
P3413	Cylinder 2 Exhaust Valve Ctrl Circ/Open
P3414	Cylinder 2 Exhaust Valve Ctrl Perf
P3415	Cylinder 2 Exhaust Valve Ctrl Circ Low
P3416	Cylinder 2 Exhaust Valve Ctrl Circ High
P3417	Cylinder 3 Deactivation/Intake Valve Ctrl Circ/Open
P3418	Cylinder 3 Deactivation/Intake Valve Ctrl Perf
P3419	Cylinder 3 Deactivation/Intake Valve Ctrl Circ Low
P3420	Cylinder 3 Deactivation/Intake Valve Ctrl Circ High
P3421	Cylinder 3 Exhaust Valve Ctrl Circ/Open
P3422	Cylinder 3 Exhaust Valve Ctrl Perf
P3423	Cylinder 3 Exhaust Valve Ctrl Circ Low
P3424	Cylinder 3 Exhaust Valve Ctrl Circ High
P3425	Cylinder 4 Deactivation/Intake Valve Ctrl Circ/Open
P3426	Cylinder 4 Deactivation/Intake Valve Ctrl Perf
P3427	Cylinder 4 Deactivation/Intake Valve Ctrl Circ Low
P3428	Cylinder 4 Deactivation/Intake Valve Ctrl Circ High
P3429	Cylinder 4 Exhaust Valve Ctrl Circ/Open
P3430	Cylinder 4 Exhaust Valve Ctrl Perf
P3431	Cylinder 4 Exhaust Valve Ctrl Circ Low
P3432	Cylinder 4 Exhaust Valve Ctrl Circ High
P3433	Cylinder 5 Deactivation/Intake Valve Ctrl Circ/Open
P3434	Cylinder 5 Deactivation/Intake Valve Ctrl Perf
P3435	Cylinder 5 Deactivation/Intake Valve Ctrl Circ Low
P3436	Cylinder 5 Deactivation/Intake Valve Ctrl Circ High
P3437	Cylinder 5 Exhaust Valve Ctrl Circ/Open
P3438	Cylinder 5 Exhaust Valve Ctrl Perf
P3439	Cylinder 5 Exhaust Valve Ctrl Circ Low
P3440	Cylinder 5 Exhaust Valve Ctrl Circ High
P3441	Cylinder 6 Deactivation/Intake Valve Ctrl Circ/Open
P3442	Cylinder 6 Deactivation/Intake Valve Ctrl Perf
P3443	Cylinder 6 Deactivation/Intake Valve Ctrl Circ Low
P3444	Cylinder 6 Deactivation/Intake Valve Ctrl Circ High
P3445	Cylinder 6 Exhaust Valve Ctrl Circ/Open
P3446	Cylinder 6 Exhaust Valve Ctrl Perf
P3447	Cylinder 6 Exhaust Valve Ctrl Circ Low
P3448	Cylinder 6 Exhaust Valve Ctrl Circ High
P3449	Cylinder 7 Deactivation/Intake Valve Ctrl Circ/Open
P3450	Cylinder 7 Deactivation/Intake Valve Ctrl Perf
P3451	Cylinder 7 Deactivation/Intake Valve Ctrl Circ Low
P3452	Cylinder 7 Deactivation/Intake Valve Ctrl Circ High
P3453	Cylinder 7 Exhaust Valve Ctrl Circ/Open
P3454	Cylinder 7 Exhaust Valve Ctrl Perf
P3455	Cylinder 7 Exhaust Valve Ctrl Circ Low
P3456	Cylinder 7 Exhaust Valve Ctrl Circ High
P3457	Cylinder 8 Deactivation/Intake Valve Ctrl Circ/Open
P3458	Cylinder 8 Deactivation/Intake Valve Ctrl Perf
P3459	Cylinder 8 Deactivation/Intake Valve Ctrl Circ Low
P3460	Cylinder 8 Deactivation/Intake Valve Ctrl Circ High
P3461	Cylinder 8 Exhaust Valve Ctrl Circ/Open
P3462	Cylinder 8 Exhaust Valve Ctrl Perf
P3463	Cylinder 8 Exhaust Valve Ctrl Circ Low
P3464	Cylinder 8 Exhaust Valve Ctrl Circ High
P3465	Cylinder 9 Deactivation/Intake Valve Ctrl Circ/Open
P3466	Cylinder 9 Deactivation/Intake Valve Ctrl Perf
P3467	Cylinder 9 Deactivation/Intake Valve Ctrl Circ Low
P3468	Cylinder 9 Deactivation/Intake Valve Ctrl Circ High
P3469	Cylinder 9 Exhaust Valve Ctrl Circ/Open
P3470	Cylinder 9 Exhaust Valve Ctrl Perf
P3471	Cylinder 9 Exhaust Valve Ctrl Circ Low
P3472	Cylinder 9 Exhaust Valve Ctrl Circ High
P3473	Cylinder 10 Deactivation/Intake Valve Ctrl Circ/Open
P3474	Cylinder 10 Deactivation/Intake Valve Ctrl Perf
P3475	Cylinder 10 Deactivation/Intake Valve Ctrl Circ Low
P3476	Cylinder 10 Deactivation/Intake Valve Ctrl Circ High
P3477	Cylinder 10 Exhaust Valve Ctrl Circ/Open
P3478	Cylinder 10 Exhaust Valve Ctrl Perf
P3479	Cylinder 10 Exhaust Valve Ctrl Circ Low
P3480	Cylinder 10 Exhaust Valve Ctrl Circ High
P3481	Cylinder 11 Deactivation/Intake Valve Ctrl Circ/Open
P3482	Cylinder 11 Deactivation/Intake Valve Ctrl Perf
P3483	Cylinder 11 Deactivation/Intake Valve Ctrl Circ Low
P3484	Cylinder 11 Deactivation/Intake Valve Ctrl Circ High
P3485	Cylinder 11 Exhaust Valve Ctrl Circ/Open
P3486	Cylinder 11 Exhaust Valve Ctrl Perf
P3487	Cylinder 11 Exhaust Valve Ctrl Circ Low
P3488	Cylinder 11 Exhaust Valve Ctrl Circ High
P3489	Cylinder 12 Deactivation/Intake Valve Ctrl Circ/Open
P3490	Cylinder 12 Deactivation/Intake Valve Ctrl Perf

Code Interpretation

P3491	Cylinder 12 Deactivation/Intake Valve Ctrl Circ Low
P3492	Cylinder 12 Deactivation/Intake Valve Ctrl Circ High
P3493	Cylinder 12 Exhaust Valve Ctrl Circ/Open
B1201	Fuel Sender Circ Failure – Instr Clstr
B1202	Fuel Sender Circ Failure – Msg Ctr
B1203	Fuel Sender Circ Short to Battery-Msg Ctr
B1204	Fuel Sender Circ Short to Ground-Instr Clstr
B1205	EIC Switch 1 Assy Failure-Instr Clstr
B1208	EIC Switch 1 Assy Short to Ground-Msg Ctr
B1213	PATS # keys prgmd too low-PATS
B1217	Horn Relay Coil Circ Failure-VSM
B1231	Longitude Accell Over Threshold-RCM
B1232	Antenna not connected - PATS
B1251	Int Air Temp Sens Open - EATC
B1253	Int Air Temp Sens Short to Ground - EATC
B1255	Ext Air Temp Sens Open - EATC
B1255	Ext Air Temp Sens Open - Msg Ctr
B1257	Ext Air Temp Sens Short to Ground - EATC
B1259	Solar Radiation Sens Open - EATC
B1261	Solar Radiation Sens Short to Ground - EATC
B1299	Power Supply Sens Short to Ground - PATS
B1300	Power Door Lock Circ Failure - VSM
B1311	Power Door Unlock Circ Failure - VSM
B1317	Battery Voltage High - VSM
B1317	Battery Voltage High - Instr Clstr
B1317	Battery Voltage High - 4WD Mod
B1318	Battery Voltage Low - VSM
B1318	Battery Voltage Low - Instr Clstr
B1318	Battery Voltage Low - 4WD Mod
B1318	Battery Voltage Low - RCM
B1320	Driver Door Ajar Circ Open - Instr Clstr
B1322	Driver Door Ajar Circ Short to Ground-VSM
B1328	Pass Door Ajar Circ Open - Instr Clstr
B1330	Pass Door Ajar Circ Short to Ground-VSM
B1334	LRDoor Ajar Circ Short to Ground - VSM
B1334	Deck Lid Ajar Circ Short to Ground - VSM
B1334	Right Rear Door Ajar Circ Short to Ground
B1342	ABS Mod Defective
B1342	4WD Mod Defective
B1342	Message Center Defective
B1342	Parking Aid Mod PAM Defective
B1342	Vehicle Security Mod VSM Defective
B1342	RCM Mod Defective
B1342	Instrument Cluster Defective
B1342	EATC Mod Defective
B1342	DSM Mod Defective
B1345	Heated Backlight Short to Ground - Instr Clstr
B1352	Ignition Key-in Circ Failure - Instr Clstr
B1355	Ignition Key-RUN Circ Failure - 4WD Mod
B1359	Ignition Key-RUN/ACC Circ Failure - 4WD Mod
B1360	Ignition Key-RUN/ACC Circ Open - Instr Clstr
B1366	Ignition Key-START Circ Short to Ground - 4WD
B1463	Seat Belt Circ Open - Instr Clstr
B1483	Brake Pedal Input Circ Fail - 4WD module
B1485	Brake Pedal Input Circ Sort to Battery - 4WD
B1530	Memory Set Switch Short to Ground - DSM
B1534	Memory 1 Switch Short to Ground - DSM
B1538	Memory 2 Switch Short to Ground - DSM
B1574	Left Rear Door Ajar Circ Short to Ground - VSM
B1600	Ign Key Signal Not Rcvd - PATS
B1601	Ign Key Signal Incorrect - PATS
B1602	Ign Key Signal Invalid Format - PATS
B1629	PRNLD Reverse Input Short to ground - PAM
B1663	Drvr Seat Front Up/Down Motor Stalled - DSM
B1664	Drvr Seat Rear Up/Down Motor Stalled - DSM
B1665	Drvr Seat Forward/Back Motor Stalled - DSM
B1676	Battery Voltage Out of Range - EATC
B1676	Battery Voltage Out of Range - DSM
B1676	Supply Voltage Out of Range - ABS
B1681	Transceiver Signal Not received - PATS
B1695	Auto Lamp/ON Failure - VSM
B1711	Drvr Seat Front Up Switch Short to Battery - DSM
B1715	Drvr Seat Front Down Switch Short to Battery - DSM
B1719	Drvr Seat Forward Switch Short to Battery - DSM
B1723	Drvr Seat Rearward Switch Short to Battery - DSM
B1727	Drvr Seat Rear Up Switch Short to Battery - DSM
B1731	Drvr Seat Rear Down Switch Short to Battery - DSM
B1792	Autolamp Sens Input Short to battery or Open-VSM
B1793	Autolamp Sens Input Short to ground - VSM
B1869	Air Bag Lamp Warning Indicator Open - RCM
B1870	Air Bag Lamp Warning Indicator Short to Batt - RCM
B1871	Pass Air Bag Deactivate Fault - RCM
B1877	Drvr Seatbelt Pretensioner Circuit Open - RCM
B1878	Drvr Seatbelt Pretensioner Circ Short to Batt-RCM

Code Interpretation

B1879	Drvr Seatbelt Pretensioner Circ Short to Gnd-RCM
B1881	Pass Seatbelt Pretensioner Circ Open - RCM
B1882	Pass Seatbelt Pretensioner Circ Short to Batt-RCM
B1883	Pass Seatbelt Pretensioner Circ Short to Gnd-RCM
B1884	PAD Warning Lamp Inoperative
B1885	Drvr Seatbelt Pretensioner Squib Res Low - RCM
B1886	Pass Seatbelt Pretensioner Squib Res Low - RCM
B1887	Drvr Air Bag Circ Short to Ground - RCM
B1888	Pass Air Bag Circ Short to Ground - RCM
B1889	Pass Air Bag Deactivate Sens Obstructed-RCM
B1890	PAD Warning Lamp Circ Short to Battery - RCM
B1891	Air Bag Tone Warning Circ Short to Battery - RCM
B1892	Air Bag Tone Warning Circ Failure - RCM
B1916	Drvr Air Bag Circ Short to Battery - RCM
B1921	Air Bag Diagnostic Monitor Ground Circ Open-RCM
B1925	Pass Air Bag Circ Short to Battery - RCM
B1932	Drvr Air Bag Circ Open - RCM
B1933	Pass Air Bag Circ Open - RCM
B1934	Drvr Air Bag Inflator Squib Res Low - RCM
B1935	Pass Air Bag Inflator Squib Res Low - RCM
B1950	Seat Rear Up/Down Feedback Pot Failure-DSM
B1952	Seat Rear Up/Down Feedback Pot Short to Batt-DSM
B1954	Seat Front Up/Down Feedback Pot Failure-DSM
B1956	Seat Front Up/Down Feedback Pot Short to Batt-DSM
B1962	Seat Horiz Forward/Back Feedback Pot Failure-DSM
B1964	Seat Horiz Forward/Back Feedback Pot Short to Batt-DSM
B1987	Pedal Forward/Back Motor Stalled - DSM
B1988	Pedal Forward Switch Short to Ground - DSM
B1989	Pedal Rearward Switch Short to Ground - DSM
B1990	Pedal Forward/Back Feedback Pot Failure - DSM
B1991	Pedal Forward/Back Feedback Pot Short to Batt-DSM
B2103	Antenna Not Connected - PATS
B2138	PWM Input Failure - Msg Ctr
B2139	Data Mismatch - PATS
B2141	NVM Configuration Failure - PATS
B2143	NVM Memory Fail - Instr Clstr
B2266	Blend Door Circ Failure - EATC
B2268	Steering Whl Climate Ctrl Circ Open - EATC
B2269	Steering Whl Climate Ctrl Circ Short to Gnd-EATC
B2276	Less than two Transmitters Programmed - VSM
B2373	LED No.1 Circ Short to Battery - PAM
B4225	Remote Keyless Entry Out of Sync - VSM
B2477	Configuration Failure - VSM
B2477	Configuration Failure - ABS
B2477	Configuration Failure - 4WD
B2477	Configuration Failure - Msg Ctr
B2477	Configuration Failure - PAM
B2477	Configuration Failure - RCM
B2477	Configuration Failure - Instr Clstr
B2477	Configuration Failure - DSM
B2658	Wait to Start Warning Indicator Circ Open-Instr Clstr
B2661	Parklamp Relay Out Short to Battery - VSM
B2662	Parklamp Relay Out Open Circ - VSM
B2663	Headlamp Relay Out Short to Battery - VSM
B2664	Headlamp Relay Out Open or Short to Battery - VSM
B2675	Keypad_B Circ Failure - VSM
B2676	Keypad_C Circ Failure - VSM
B2695	Keypad_A Circ Failure - VSM
B2982	Park Brake Open Circ - Instr Clstr
C1095	ABS Hydraulic Pump Motor Circ Failure-ABS
C1096	ABS Hydraulic Pump Motor Circ Open-ABS
C1125	Bake Fluid Level Sens Circ Failure-Instr Clstr
C1145	Wheel Speed Sens RF Input Failure-ABS
C1147	Vehicle Speed Sens Signal Short to Ground -ABS
C1148	Wheel Speed Sens RF Coherency Fault-ABS
C1155	Wheel Speed Sens RF Input Failure-ABS
C1158	Wheel Speed Sens LF Coherency Fault-ABS
C1169	ABS Fluid Dump Exceeds Max Timing - ABS
C1184	ABS System is not functional - ABS
C1185	ABS Power Relay Output Circ Failure - ABS
C1185	ABS Outlet Valve Coil LF Circ Failure - ABS
C1196	ABS Outlet Valve Coil LF Circ Short to Batt - ABS
C1198	ABS Inlet Valve Coil LF Circ Failure - ABS
C1200	ABS Outlet Valve Coil LF Circ Short to Batt - ABS
C1202	ABS Outlet Valve Coil Rear Circ Failure - ABS
C1204	ABS Outlet Valve Coil Rear Circ Short to Batt- ABS
C1206	ABS Inlet Valve Coil Rear Circ Failure - ABS
C1208	ABS Outlet Valve Coil Rear Circ Short to Batt- ABS
C1210	ABS Outlet Valve Coil RF Circ Failure - ABS
C1212	ABS Outlet Valve Coil RF Circ Short to Batt - ABS
C1214	ABS Inlet Valve Coil RF Circ Failure - ABS
C1216	ABS Outlet Valve Coil RF Circ Short to Batt - ABS
C1222	Wheel Speed Mismatch - ABS
C1226	Brake Warning Lamp Circ Short to Ground - ABS

Code Interpretation

C1229	Wheel Speed Sens Rear Center Coherency Fault-ABS
C1230	Wheel Speed Sens Rear Center Circ Fault -ABS
C1233	Wheel Speed Sens LF Signal Missing - ABS
C1234	Wheel Speed Sens RF Signal Missing - ABS
C1237	Wheel Speed Sens Rear Signal Missing - ABS
C1284	Oil Pressure Switch Failure - Instr Clstr
C1414	Incorrect Mod Design Level - RCM
C1502	RF Isolation Clamping Diode - ABS
C1503	LF Isolation Clamping Diode - ABS
C1699	Rear Outer Left Sens Short to Battery - PAM
C1700	Rear Outer Left Sens Circ Failure - PAM
C1701	Rear Outer Left Sens Fault - PAM
C1702	Rear Outer Right Sens Short to Battery - PAM
C1703	Rear Outer Right Sens Circ Failure - PAM
C1704	Rear Outer Right Sens Fault - PAM
C1705	Rear Inner Left Sens Short to Battery - PAM
C1706	Rear Inner Left Sens Circ Failure - PAM
C1707	Rear Inner Left Sens Fault - PAM
C1708	Rear Inner Right Sens Short to Battery - PAM
C1709	Rear Inner Right Sens Circ Failure - PAM
C1710	Rear Inner Right Sens Fault - PAM
C1728	Transfer Case Unable to Transition 2H-4H - 4W
C1729	Transfer Case Unable to Transition 4H-4L - 4WD
C1742	Rear Sounder Circ Failure - PAM
C1743	Rear Sounder Circ Short to Battery - PAM
C1748	Switch Input Circ Short to Ground - PAM
C1920	LED No.1 Circ Short to Ground - PAM
U0001	High Speed CAN Comm Bus
U0002	High Speed CAN Comm Bus Perf
U0003	High Speed CAN Comm Bus + Open
U0004	High Speed CAN Comm Bus + Low
U0005	High Speed CAN Comm Bus + High
U0006	High Speed CAN Comm Bus - Open
U0007	High Speed CAN Comm Bus - Low
U0008	High Speed CAN Comm Bus - High
U0009	High Speed CAN Comm Bus - shorted to Bus +
U0010	Medium Speed CAN Comm Bus
U0011	Medium Speed CAN Comm Bus Perf
U0012	Medium Speed CAN Comm Bus + Open
U0013	Medium Speed CAN Comm Bus + Low
U0014	Medium Speed CAN Comm Bus + High
U0015	Medium Speed CAN Comm Bus - Open
U0016	Medium Speed CAN Comm Bus - Low
U0017	Medium Speed CAN Comm Bus - High
U0018	Medium Speed CAN Comm Bus - shorted to Bus +
U0019	Low Speed CAN Comm Bus
U0020	Low Speed CAN Comm Bus Perf
U0021	Low Speed CAN Comm Bus + Open
U0022	Low Speed CAN Comm Bus + Low
U0023	Low Speed CAN Comm Bus + High
U0024	Low Speed CAN Comm Bus - Open
U0025	Low Speed CAN Comm Bus - Low
U0026	Low Speed CAN Comm Bus - High
U0027	Low Speed CAN Comm Bus - shorted to Bus +
U0028	Vehicle Comm Bus A
U0029	Vehicle Comm Bus A Perf
U0030	Vehicle Comm Bus A + Open
U0031	Vehicle Comm Bus A + Low
U0032	Vehicle Comm Bus A + High
U0033	Vehicle Comm Bus A - Open
U0034	Vehicle Comm Bus A - Low
U0035	Vehicle Comm Bus A - High
U0036	Vehicle Comm Bus A - shorted to Bus A +
U0037	Vehicle Comm Bus B
U0038	Vehicle Comm Bus B Perf
U0039	Vehicle Comm Bus B + Open
U0040	Vehicle Comm Bus B + Low
U0041	Vehicle Comm Bus B + High
U0042	Vehicle Comm Bus B - Open
U0043	Vehicle Comm Bus B - Low
U0044	Vehicle Comm Bus B - High
U0045	Vehicle Comm Bus B - shorted to Bus B +
U0046	Vehicle Comm Bus C
U0047	Vehicle Comm Bus C Perf
U0048	Vehicle Comm Bus C + Open
U0049	Vehicle Comm Bus C + Low
U0050	Vehicle Comm Bus C + High
U0051	Vehicle Comm Bus C - Open
U0052	Vehicle Comm Bus C - Low
U0053	Vehicle Comm Bus C - High
U0054	Vehicle Comm Bus C - shorted to Bus C +
U0055	Vehicle Comm Bus D
U0056	Vehicle Comm Bus D Perf
U0057	Vehicle Comm Bus D + Open

Code Interpretation

U0058 Vehicle Comm Bus D + Low
 U0059 Vehicle Comm Bus D + High
 U0060 Vehicle Comm Bus D - Open
 U0061 Vehicle Comm Bus D - Low
 U0062 Vehicle Comm Bus D - High
 U0063 Vehicle Comm Bus D - shorted to Bus D +
 U0064 Vehicle Comm Bus E
 U0065 Vehicle Comm Bus E Perf
 U0066 Vehicle Comm Bus E + Open
 U0067 Vehicle Comm Bus E + Low
 U0068 Vehicle Comm Bus E + High
 U0069 Vehicle Comm Bus E - Open
 U0070 Vehicle Comm Bus E - Low
 U0071 Vehicle Comm Bus E - High
 U0072 Vehicle Comm Bus E - shorted to Bus E +
 U0073 Ctrl Mod Comm Bus Off
 U0074 Reserved by Document
 U0075 Reserved by Document
 U0076 Reserved by Document
 U0077 Reserved by Document
 U0078 Reserved by Document
 U0079 Reserved by Document
 U0080 Reserved by Document
 U0081 Reserved by Document
 U0082 Reserved by Document
 U0083 Reserved by Document
 U0084 Reserved by Document
 U0085 Reserved by Document
 U0086 Reserved by Document
 U0087 Reserved by Document
 U0088 Reserved by Document
 U0089 Reserved by Document
 U0090 Reserved by Document
 U0091 Reserved by Document
 U0092 Reserved by Document
 U0093 Reserved by Document
 U0094 Reserved by Document
 U0095 Reserved by Document
 U0096 Reserved by Document
 U0097 Reserved by Document
 U0098 Reserved by Document
 U0099 Reserved by Document
 U0100 Lost Comm With ECM/PCM A
 U0101 Lost Comm with TCM
 U0102 Lost Comm with Transfer Case Ctrl Mod
 U0103 Lost Comm With Gear Shift Mod
 U0104 Lost Comm With Cruise Ctrl Mod
 U0105 Lost Comm With Fuel Injector Ctrl Mod
 U0106 Lost Comm With Glow Plug Ctrl Mod
 U0107 Lost Comm With Throttle Actuator Ctrl Mod
 U0108 Lost Comm With Alternative Fuel Ctrl Mod
 U0109 Lost Comm With Fuel Pump Ctrl Mod
 U0110 Lost Comm With Drive Motor Ctrl Mod
 U0111 Lost Comm With Battery Energy Ctrl Mod A
 U0112 Lost Comm With Battery Energy Ctrl Mod B
 U0113 Lost Comm With Emissions Critical Ctrl Information
 U0114 Lost Comm With 4-Wheel Drive Clutch Ctrl Mod
 U0115 Lost Comm With ECM/PCM B
 U0116 Reserved by Document
 U0117 Reserved by Document
 U0118 Reserved by Document
 U0119 Reserved by Document
 U0120 Reserved by Document
 U0121 Lost Comm With Anti-Lock Brake System (ABS) Ctrl Mod
 U0122 Lost Comm With Vehicle Dynamics Ctrl Mod
 U0123 Lost Comm With Yaw Rate Sens Mod
 U0124 Lost Comm With Lateral Acceleration Sens Mod
 U0125 Lost Comm With Multi-axis Acceleration Sens Mod
 U0126 Lost Comm With Steering Angle Sens Mod
 U0127 Lost Comm With Tire Pressure Monitor Mod
 U0128 Lost Comm With Park Brake Ctrl Mod
 U0129 Lost Comm With Brake System Ctrl Mod
 U0130 Lost Comm With Steering Effort Ctrl Mod
 U0131 Lost Comm With Power Steering Ctrl Mod
 U0132 Lost Comm With Ride Level Ctrl Mod
 U0133 Reserved by Document
 U0134 Reserved by Document
 U0135 Reserved by Document
 U0136 Reserved by Document
 U0137 Reserved by Document
 U0138 Reserved by Document
 U0139 Reserved by Document
 U0140 Lost Comm With Body Ctrl Mod
 U0141 Lost Comm With Body Ctrl Mod A

Code Interpretation

U0142 Lost Comm With Body Ctrl Mod B
 U0143 Lost Comm With Body Ctrl Mod C
 U0144 Lost Comm With Body Ctrl Mod D
 U0145 Lost Comm With Body Ctrl Mod E
 U0146 Lost Comm With Gateway A
 U0147 Lost Comm With Gateway B
 U0148 Lost Comm With Gateway C
 U0149 Lost Comm With Gateway D
 U0150 Lost Comm With Gateway E
 U0151 Lost Comm With Restraints Ctrl Mod
 U0152 Lost Comm With Side Restraints Ctrl Mod Left
 U0153 Lost Comm With Side Restraints Ctrl Mod Right
 U0154 Lost Comm With Restraints Occupant Sensing Ctrl Mod
 U0155 Lost Comm With Instrument Panel Cluster (IPC) Ctrl Mod
 U0156 Lost Comm With Information Center A
 U0157 Lost Comm With Information Center B
 U0158 Lost Comm With Head Up Display
 U0159 Lost Comm With Parking Assist Ctrl Mod
 U0160 Lost Comm With Audible Alert Ctrl Mod
 U0161 Lost Comm With Compass Mod
 U0162 Lost Comm With Navigation Display Mod
 U0163 Lost Comm With Navigation Ctrl Mod
 U0164 Lost Comm With HVAC Ctrl Mod
 U0165 Lost Comm With HVAC Ctrl Mod Rear
 U0166 Lost Comm With Auxiliary Heater Ctrl Mod
 U0167 Lost Comm With Vehicle Immobilizer Ctrl Mod
 U0168 Lost Comm With Vehicle Security Ctrl Mod
 U0169 Lost Comm With Sunroof Ctrl Mod
 U0170 Lost Comm With Restraints System Sens A
 U0171 Lost Comm With Restraints System Sens B
 U0172 Lost Comm With Restraints System Sens C
 U0173 Lost Comm With Restraints System Sens D
 U0174 Lost Comm With Restraints System Sens E
 U0175 Lost Comm With Restraints System Sens F
 U0176 Lost Comm With Restraints System Sens G
 U0177 Lost Comm With Restraints System Sens H
 U0178 Lost Comm With Restraints System Sens I
 U0179 Lost Comm With Restraints System Sens J
 U0180 Lost Comm With Automatic Lighting Ctrl Mod
 U0181 Lost Comm With Headlamp Leveling Ctrl Mod
 U0182 Lost Comm With Lighting Ctrl Mod Front
 U0183 Lost Comm With Lighting Ctrl Mod Rear
 U0184 Lost Comm With Radio
 U0185 Lost Comm With Antenna Ctrl Mod
 U0186 Lost Comm With Audio Amplifier
 U0187 Lost Comm With Digital Disc Player/Changer Mod A
 U0188 Lost Comm With Digital Disc Player/Changer Mod B
 U0189 Lost Comm With Digital Disc Player/Changer Mod C
 U0190 Lost Comm With Digital Disc Player/Changer Mod D
 U0191 Lost Comm With Television
 U0192 Lost Comm With Personal Computer
 U0193 Lost Comm With Digital Audio Ctrl Mod A
 U0194 Lost Comm With Digital Audio Ctrl Mod B
 U0195 Lost Comm With Subscription Entertainment Receiver Mod
 U0196 Lost Comm With Rear Seat Entertainment Ctrl Mod
 U0197 Lost Comm With Telephone Ctrl Mod
 U0198 Lost Comm With Telematic Ctrl Mod
 U0199 Lost Comm With Door Ctrl Mod A
 U0200 Lost Comm With Door Ctrl Mod B
 U0201 Lost Comm With Door Ctrl Mod C
 U0202 Lost Comm With Door Ctrl Mod D
 U0203 Lost Comm With Door Ctrl Mod E
 U0204 Lost Comm With Door Ctrl Mod F
 U0205 Lost Comm With Door Ctrl Mod G
 U0206 Lost Comm With Folding Top Ctrl Mod
 U0207 Lost Comm With Moveable Roof Ctrl Mod
 U0208 Lost Comm With Seat Ctrl Mod A
 U0209 Lost Comm With Seat Ctrl Mod B
 U0210 Lost Comm With Seat Ctrl Mod C
 U0211 Lost Comm With Seat Ctrl Mod D
 U0212 Lost Comm With Steering Column Ctrl Mod
 U0213 Lost Comm With Mirror Ctrl Mod
 U0214 Lost Comm With Remote Function Actuation
 U0215 Lost Comm With Door Switch A
 U0216 Lost Comm With Door Switch B
 U0217 Lost Comm With Door Switch C
 U0218 Lost Comm With Door Switch D
 U0219 Lost Comm With Door Switch E
 U0220 Lost Comm With Door Switch F
 U0221 Lost Comm With Door Switch G
 U0222 Lost Comm With Door Window Motor A
 U0223 Lost Comm With Door Window Motor B
 U0224 Lost Comm With Door Window Motor C
 U0225 Lost Comm With Door Window Motor D

Code Interpretation

U0226 Lost Comm With Door Window Motor E
 U0227 Lost Comm With Door Window Motor F
 U0228 Lost Comm With Door Window Motor G
 U0229 Lost Comm With Heated Steering Wheel Mod
 U0230 Lost Comm With Rear Gate Mod
 U0231 Lost Comm With Rain Sensing Mod
 U0232 Lost Comm With Side Obstacle Detect Ctrl Mod Left
 U0233 Lost Comm With Side Obstacle Detect Ctrl Mod Right
 U0234 Lost Comm With Convenience Recall Mod
 U0235 Lost Comm With Cruise Ctrl Front Distance Range Sens
 U0300 Internal Ctrl Mod Software Incompatibility
 U0301 Software Incompatibility with ECM/PCM
 U0302 Software Incompatibility with Trans Ctrl Mod
 U0303 Software Incompatibility with Transfer Case Ctrl Mod
 U0304 Software Incompatibility with Gear Shift Ctrl Mod
 U0305 Software Incompatibility with Cruise Ctrl Mod
 U0306 Software Incompatibility with Fuel Injector Ctrl Mod
 U0307 Software Incompatibility with Glow Plug Ctrl Mod
 U0308 Software Incompatibility with Throttle Actuator Ctrl Mod
 U0309 Software Incompatibility with Alternative Fuel Ctrl Mod
 U0310 Software Incompatibility with Fuel Pump Ctrl Mod
 U0311 Software Incompatibility with Drive Motor Ctrl Mod
 U0312 Software Incompatibility with Battery Energy Ctrl Mod A
 U0313 Software Incompatibility with Battery Energy Ctrl Mod B
 U0314 Software Incompatibility with 4-Wheel Drive Clutch Ctrl Mod
 U0315 Software Incompatibility with Anti-Lock Brake System Ctrl Mod
 U0316 Software Incompatibility with Vehicle Dynamics Ctrl Mod
 U0317 Software Incompatibility with Park Brake Ctrl Mod
 U0318 Software Incompatibility with Brake System Ctrl Mod
 U0319 Software Incompatibility with Steering Effort Ctrl Mod
 U0320 Software Incompatibility with Power Steering Ctrl Mod
 U0321 Software Incompatibility with Ride Level Ctrl Mod
 U0322 Software Incompatibility with Body Ctrl Mod
 U0323 Software Incompatibility with Instrument Panel Ctrl Mod
 U0324 Software Incompatibility with HVAC Ctrl Mod
 U0325 Software Incompatibility with Auxiliary Heater Ctrl Mod
 U0326 Software Incompatibility with Vehicle Immobilizer Ctrl Mod
 U0327 Software Incompatibility with Vehicle Security Ctrl Mod
 U0328 Software Incompatibility with Steering Angle Sens Mod
 U0329 Software Incompatibility with Steering Column Ctrl Mod
 U0330 Software Incompatibility with Tire Pressure Monitor Mod
 U0331 Software Incompatibility with Body Ctrl Mod A
 U0400 Invalid Data Rcvd
 U0401 Invalid Data Rcvd From ECM/PCM
 U0402 Invalid Data Rcvd From Trans Ctrl Mod
 U0403 Invalid Data Rcvd From Transfer Case Ctrl Mod
 U0404 Invalid Data Rcvd From Gear Shift Ctrl Mod
 U0405 Invalid Data Rcvd From Cruise Ctrl Mod
 U0406 Invalid Data Rcvd From Fuel Injector Ctrl Mod
 U0407 Invalid Data Rcvd From Glow Plug Ctrl Mod
 U0408 Invalid Data Rcvd From Throttle Actuator Ctrl Mod
 U0409 Invalid Data Rcvd From Alternative Fuel Ctrl Mod
 U0410 Invalid Data Rcvd From Fuel Pump Ctrl Mod
 U0411 Invalid Data Rcvd From Drive Motor Ctrl Mod
 U0412 Invalid Data Rcvd From Battery Energy Ctrl Mod A
 U0413 Invalid Data Rcvd From Battery Energy Ctrl Mod B
 U0414 Invalid Data Rcvd From 4-Wheel Drive Clutch Ctrl Mod
 U0415 Invalid Data Rcvd From Anti-Lock Brake System Ctrl Mod
 U0416 Invalid Data Rcvd From Vehicle Dynamics Ctrl Mod
 U0417 Invalid Data Rcvd From Park Brake Ctrl Mod
 U0418 Invalid Data Rcvd From Brake System Ctrl Mod
 U0419 Invalid Data Rcvd From Steering Effort Ctrl Mod
 U0420 Invalid Data Rcvd From Power Steering Ctrl Mod
 U0421 Invalid Data Rcvd From Ride Level Ctrl Mod
 U0422 Invalid Data Rcvd From Body Ctrl Mod
 U0423 Invalid Data Rcvd From Instrument Panel Ctrl Mod
 U0424 Invalid Data Rcvd From HVAC Ctrl Mod
 U0425 Invalid Data Rcvd From Auxiliary Heater Ctrl Mod
 U0426 Invalid Data Rcvd From Vehicle Immobilizer Ctrl Mod
 U0427 Invalid Data Rcvd From Vehicle Security Ctrl Mod
 U0428 Invalid Data Rcvd From Steering Angle Sens Mod
 U0429 Invalid Data Rcvd From Steering Column Ctrl Mod
 U0430 Invalid Data Rcvd From Tire Pressure Monitor Mod
 U0431 Invalid Data Rcvd From Body Ctrl Mod A
 U1058 J1850 SCP Trans Fluid Temp Invalid - Instr Clstr
 U1059 J1850 SCP Trans/Transaxle PRNDL invalid-Instr Clstr
 U1073 J1850 SCP Engine Coolant Invalid - Instr Clstr
 U1262 J1850 SCP Comm Bus Fault - Instr Clstr
 U1950 UBP Comm Bus Fault - DSM
 U1950 UBP Comm Bus Fault - VSM
 U1950 UBP Comm Bus Fault - Instr Clstr
 U2015 Signal Link Fault (Non-SCP) - Msg Ctr
 U2016 Signal Link Short to Gnd (Non-SCP) - Msg Ctr

Code Interpretation

U2226 UBP Data from Node ID\$10 Invalid - VSM
 U2306 UBP Data from Node ID\$60 Invalid - DSM