

P0001 Fuel Volume Regulator Control Circuit/Open  
P0002 Fuel Volume Regulator Control Circuit Range/Performance  
P0003 Fuel Volume Regulator Control Circuit Low  
P0004 Fuel Volume Regulator Control Circuit High  
P0005 Fuel Shutoff Valve A Control Circuit/Open  
P0006 Fuel Shutoff Valve A Control Circuit Low  
P0007 Fuel Shutoff Valve A Control Circuit High  
P0008 Engine Position System Performance - Bank 1  
P0009 Engine Position System Performance - Bank 2  
P000A Separator code  
P000B Exhaust (B) Camshaft Position Slow Response Bank 1  
P000C Intake (A) Camshaft Position Slow Response Bank 2  
P000D Exhaust (B) Camshaft Position Slow Response Bank 2  
P000E Fuel Volume Regulator Control Exceeded Learning Limit  
P000F Fuel System Over Pressure Relief Valve Activated  
P0010 Intake camshaft position actuator circuit(bank 1)  
P0011 Intake camshaft position timing-over advanced (bank 1)  
P0012 Intake camshaft position timing-over retarded (bank 1)  
P0013 Exhaust Camshaft Position Actuator Circuit (Bank 1)  
P0014 Exhaust Camshaft Position Timing - Over-Advanced (Bank1)  
P0015 Exhaust Camshaft Position Timing - Over-Retarded (Bank1)  
P0016 Crankshaft position - Camshaft position Correlation (Bank 1)  
P0017 Rear Steering Gear-Damaged  
P0018 Crankshaft Position - Camshaft Position Correlation - Bank 2 Sensor A  
P0019 SOLENOID(PRC)-Open Or Short  
P001A Intake A Cam Profile Control Circuit Open Bank 1  
P001B Intake A Cam Profile Control Circuit Low Bank 1  
P001C Intake A Cam Profile Control Circuit High Bank 1  
P001D Intake A Cam Profile Control Circuit Open Bank 2  
P001E Intake A Cam Profile Control Circuit Low Bank 2  
P001F Intake A Cam Profile Control Circuit High Bank 2  
P0020 Intake camshaft position actuator circuit (bank 2)  
P0021 Intake camshaft position timing-over-advanced (bank 2)  
P0022 Camshaft Position Timing - Over-Advanced (Bank 2)  
P0023 Exhaust Camshaft Position Actuator Circuit (Bank 2)  
P0024 Exhaust Camshaft Position Timing - Over-Advanced (Bank2)  
P0025 Exhaust Camshaft Position Timing - Over-Retarded (Bank2)  
P0026 Intake Valve Control Solenoid Circuit Range/Performance (Bank1)  
P0027 Exhaust Valve Control Solenoid Circuit Range/Performance (Bank1)  
P0028 Intake Valve Control Solenoid Circuit Range/Performance (Bank2)  
P0029 Solenoid VICS-Open Or Short  
P002A Exhaust B Cam Profile Control Circuit Open Bank 1  
P002B Exhaust B Cam Profile Control Circuit Low Bank 1  
P002C Exhaust B Cam Profile Control Circuit High Bank 1  
P002D Exhaust B Cam Profile Control Circuit Open Bank 2  
P002E Exhaust B Cam Profile Control Circuit Low Bank 2  
P002F Exhaust B Cam Profile Control Circuit High Bank 2  
P0030 HO2S Heater Control Circuit (Bank 1, Sensor 1)  
P0031 HO2S heater control circuit low voltage(bank 1,sensor 1)  
P0032 HO2S Heater Control Circuit High Voltage(Bank 1, Sensor 1)  
P0033 Turbocharger/Supercharger Bypass Valve Control Circuit / Open  
P0034 An ignition spark knock has occurred and the knock sensor (KS) has failed to detect it.  
P0035 ERG temperature sensor (EGRT).-EGRT sensor circuit malfunction  
P0036 HO2S Heater Control Circuit (Bank 1, Sensor 2)

P0037 HO2S-12 circuit low voltage  
P0038 HO2S-12 circuit high voltage  
P0039 RTS1 -Open Or Short  
P003A Turbocharger/Supercharger Boost Control A Position Exceeded Learning Limit  
P003B Turbocharger/Supercharger Boost Control B Position Exceeded Learning Limit  
P003C Intake A Camshaft Profile Control Performance or Stuck Off Bank 1  
P003D Intake A Camshaft Profile control Stuck on Bank 1  
P003E Intake A Camshaft Profile Control Performance or Stuck Off Bank 2  
P003F Intake A Camshaft Profile Control Stuck on Bank 2  
P0040 Upstream oxygen sensors swapped from bank to bank  
P0041 Downstream heated exhaust oxygen sensors swapped from bank to bank  
P0042 Solenoid (Line Pressure)-Open Or Short  
P0043 Throttle position (TP)sensor intermittent.  
P0044 Coolant fan relay short  
P0045 Injector leak(INJL)  
P0046 Turbocharger/Supercharger Boost Control Solenoid Circuit Range/performance  
P0047 Turbo/Super Charger Boost Control Solenoid Circuit Low  
P0048 Turbo/Super Charger Boost Control Solenoid Circuit High  
P0049 Turbocharger/Supercharger Turbine Overspeed  
P004A Turbocharger/Supercharger Boost Control Solenoid B Circuit Open  
P004B Turbocharger/Supercharger Boost Control Solenoid B Circuit Range/Performance  
P004C Turbocharger/Supercharger Boost Control Solenoid B Circuit Low  
P004D Turbocharger/Supercharger Boost Control Solenoid B Circuit High  
P004E Turbocharger/Supercharger Boost Control Solenoid A Circuit Intermittent/Erratic  
P004F Turbocharger/Supercharger Boost Control Solenoid B Circuit Intermittent/Erratic  
P0050 HO2S Heater Control Circuit (Bank 2)  
P0051 Injector signal (INJS).  
P0052 HO2S Heater Control Circuit High voltage (Bank 2, Sensor 1)  
P0053 HO2S11 heater resistance out of limits.  
P0054 HO2S12 heater resistance out of limits.  
P0055 HO2S Heater Resistance (Bank 1, Sensor 3)  
P0056 HO2S Heater Control Circuit (Bank 2, Sensor 2)  
P0057 HO2S Heater Control Circuit Low Voltage(Bank 2, Sensor 2)  
P0058 HO2S Heater Control Circuit High Voltage(Bank 2, Sensor 2)  
P0059 HO2S Heater Resistance (Bank 2, Sensor 1)  
P005A Exhaust B Camshaft Profile Control Performance or Stuck Off Bank 1  
P005B Exhaust B Camshaft Profile Control Stuck On Bank 1  
P005C Exhaust B Camshaft Profile Control Performance or Stuck Off Bank 2  
P005D Exhaust B Camshaft Profile Control Stuck On Bank 2  
P005E Turbocharger/Supercharger Boost Control B Supply Voltage Circuit Low  
P005F Turbocharger/Supercharger Boost Control B Supply Voltage Circuit High  
P0060 HO2S Heater Resistance (Bank 2, Sensor 2)  
P0061 HO2S Heater Resistance (Bank 2, Sensor 3)  
P0062 HO2S Heater Control Circuit (Bank 2, Sensor 3)  
P0063 HO2S Heater Control Circuit Low Voltage (Bank 2, Sensor 3)  
P0064 HO2S Heater Control Circuit High Voltage (Bank 2, Sensor 3)  
P0065 Air-Assisted Injector Control Circuit Range/Performance  
P0066 Air-Assisted Injector Control Circuit low  
P0067 Air-Assisted Injector Control Circuit High  
P0068 TP sensor inconsistent with MAF sensor  
P0069 MAP - Barometric Pressure Correlation  
P006A MAP - Mass or Volume Air Flow Correlation  
P006B MAP - Exhaust Pessure Correlation  
P006C MAP - Turbocharger/Supercharger Inlet Pressure Correlation

P006D Barometric Pressure - Turbocharger/Supercharger Inlet Pressure Correlation  
 P006E Turbocharger/Supercharger Boost Control A Supply Voltage Circuit Low  
 P006F System pass  
 P0070 IAT circuit below min. voltage  
 P0071 IAT circuit above max.voltage  
 P0072 IAT>or<expected  
 P0073 Ambient air temperature sensor circuit above maximum voltage,40 degrees fahrenheit indicated  
 P0074 ECT>or<expected  
 P0075 ECT circuit below min.voltage  
 P0076 ECT circuit above max.voltage  
 P0077 Intake Valve Control Circuit High (Bank 1)  
 P0078 Exhaust Valve Control Circuit (Bank 1)  
 P0079 TP voltage>or<expecte  
 P007A TP Circuit Below Min. Voltage  
 P007B TP circuit above max.voltage  
 P007C Charge Air Cooler (CAC)Temperature Sensor Circuit Low Bank 1  
 P007D Charge Air Cooler (CAC)Temperature Sensor Circuit High Bank 1  
 P007E MAP/BARO>OR<expected  
 P007F Charge Air Cooler (CAC) Temperature Sensor Bank 1/2 Correlation  
 P0080 Exhaust Valve Control Circuit High (Bank 1)  
 P0081 INSUFF.MAO/MAF change-dynamic test  
 P0082 Intake Valve Control Circuit Low (Bank 2)  
 P0083 Intake Valve Control Circuit High (Bank 2)  
 P0084 Exhaust Valve Control Circuit (Bank 2)  
 P0085 Exhaust Valve Control Circuit Low (Bank 2)  
 P0086 Exhaust Valve Control Circuit High (Bank 2)  
 P0087 Fuel Rail/System Pressure - Too Low  
 P0088 Fuel rail pressure sensor  
 P0089 Fuel rail pressure sensor  
 P008A Low pressure fuel system pressure-too low  
 P008B Low pressure fuel system pressure-too high  
 P008C Fuel cooler pump control circuit open  
 P008D Fuel cooler pump control circuit low  
 P008E Fuel cooler pump control circuit high  
 P008F ECT/fuel temperature correlation  
 P0090 Fuel Pressure Regulator Control Circuit  
 P0091 Fuel Pressure Regulator Control Circuit Low  
 P0092 Fuel Pressure Regulator Control Circuit High  
 P0093 Fuel System Leak Detected - Large Leak  
 P0094 Fuel System Leak Detected - Small Leak  
 P0095 Intake Air Temperature Sensor 2 Circuit  
 P0096 IAT2 Circuit Range/Performance  
 P0097 Intake Air Temperature Sensor 2 Circuit Low Input  
 P0098 Intake Air Temperature Sensor 2 Circuit High Input  
 P0099 Intake Air Temperature Sensor 2 Circuit Intermittent/Erratic  
 P009A IAT / AAT Correlation  
 P009B Fuel Pressure Relief Control Circuit Open  
 P009C Fuel Pressure Relief Control Circuit Low  
 P009D MAF circuit below min.voltage  
 P009E MAF circuit above max.voltage  
 P009F MAF>OR<expected  
 P00A0 Charge Air Cooler (CAC) Temperature Sensor Circuit Bank 2  
 P00A1 Charge Air Cooler (CAC) Temperature Sensor Circuit Range/Performance Bank 2

P00A2 Charge Air Cooler (CAC) Temperature Sensor Circuit Low Bank 2  
 P00A3 Charge Air Cooler (CAC) Temperature Sensor Circuit High Bank 2  
 P00A4 Charge Air Cooler (CAC) Temperature Sensor Intermittent/Erratic Bank 2  
 P00A5 IAT Sensor 2 Circuit Bank 2  
 P00A6 IAT Sensor 2 Circuit Range/Performance Bank 2  
 P00A7 Insufficient TP change-dynamic test  
 P00A8 IAT Sensor 2 Circuit High Bank 2  
 P00A9 IAT Sensor 2 Circuit Intermittent/Erratic Bank 2  
 P00AA IAT Sensor 1 Circuit Bank 2  
 P00AB IAT Sensor 1 Circuit Range/Performance Bank 2  
 P00AC Engine running lean  
 P00AD Engine running lean  
 P00AE IAT Sensor 1 Circuit Intermittent/Erratic Bank 2  
 P00AF Turbocharger/Supercharger Boost Control A Module Performance  
 P00B0 Engine running lean  
 P00B1 Engine running rich  
 P00B2 Radiator Coolant Temperature Sensor Circuit Range/Performance  
 P00B3 Radiator Coolant Temperature Sensor Circuit Low  
 P00B4 Radiator Coolant Temperature Sensor Circuit High  
 P00B5 Radiator Coolant Temperature Sensor Circuit Intermittent/Erratic  
 P00B6 Radiator Coolant Temperature/Engine Coolant Temperature Correlation  
 P00B7 Engine Coolant Flow Low/Performance  
 P00B8 MAP - Mass or Volume Air Flow Correlation Bank 2  
 P00B9 Low Pressure Fuel System Pressure - Too Low, Low Ambient Temperature  
 P00BA Low Fuel Pressure - Forced Limited Power  
 P00BB Fuel Injector Insufficient Flow - Forced Limited Power  
 P00BC Mass or Volume Air Flow A Circuit Range/Performance - Air Flow Too Low  
 P00BD Mass or Volume Air Flow A Circuit Range/Performance - Air Flow Too High  
 P00BE Mass or Volume Air Flow B Circuit Range/Performance - Air Flow Too Low  
 P00BF Mass or Volume Air Flow B Circuit Range/Performance - Air Flow Too High  
 P00C2 ECU Failure  
 P00C3 ECU Failure  
 P00C6 ECU Failure  
 P00C8 ECU Failure  
 P00D3 PIP Signal Out Of Range  
 P00D4 ECU Failure  
 P00D6 CMP Sensor Out Of Range  
 P00D7 Coil A Failed To Fire  
 P00D8 Coil B Failed To Fire  
 P00D9 Coil C Failed To Fire  
 P00DE ECU Failure  
 P00DF ECU Failure  
 P00E0 No Additional Fault Symptom Available for this DTC  
 P00E1 Above Maximum Threshold  
 P00E2 CMP failure  
 P00E3 No Knock Sensor Signal  
 P00E4 There is no change in the signal.  
 P00E8 Module fault  
 P00EF ECU Failure  
 P00FF No Self Diagnostic Failure indicated  
 P0100 Mass air flow sensor  
 P0101 MAF circuit range/performance problem  
 P0102 MAF Sensor Circuit Low Input  
 P0103 MAF Sensor Circuit High Input

P0104 Mass or Volume Air Flow Circuit Intermittent  
P0105 BAP sensor circuit  
P0106 BARO circuit fault  
P0107 BARO sensor circuit out of range low  
P0108 MAP/BARO circuit malfunction  
P0109 TMAP circuit intermittent fault.  
P010A Mass or Volume Air Flow B Circuit  
P010B Mass or Volume Air Flow B Circuit Range/Performance  
P010C Mass or Volume Air Flow B Circuit Low Input  
P010D Mass or Volume Air Flow B Circuit High Input  
P010E Mass or Volume Air Flow B Circuit Intermittent/Erratic  
P010F Mass or Volume Air Flow Sensor A/B Correlation  
P0110 IAT sensor circuit  
P0111 IAT circuit range/performance problem  
P0112 IAT Sensor Circuit Low Input  
P0113 IAT Sensor Circuit High Input  
P0114 IAT sensor Intermittent failure.  
P0115 ECT circuit fault  
P0116 ECT circuit range/performance problem  
P0117 ECT Sensor Circuit Low Input  
P0118 ECT Sensor Circuit High Input  
P0119 ECT sensor Intermittent failure.  
P011A Engine Coolant Temperature Sensor 1/2 Correlation  
P011B ECT / IAT Correlation  
P011C Charge Air Temperature/Intake Air Temperature Correlation Bank 1  
P011D Charge Air Temperature/Intake Air Temperature Correlation Bank 2  
P011E ABS Inlet or Outlet Valve - Left Rear  
P011F Right rear wheel speed sensor  
P0120 Tp circuit malfunction  
P0121 Throttle/pedal position sensor A circuit range/performance  
P0122 Tp sensor circuit low input  
P0123 Tp sensor circuit high input  
P0124 TP sensor intermittent circuit fault  
P0125 Insufficient coolant temperature for closed loop fuel control.  
P0126 Insufficient coolant temperature for stable operation  
P0127 Intake Air Temperature Too High  
P0128 Coolant thermostat stuck open  
P0129 EEC did not see the MAP(16) or MAF (V8) value change when the engine was goosed in the ER test.  
P012A Turbocharger/Supercharger Inlet Pressure Sensor Circuit  
P012B Turbocharger/Supercharger Inlet Pressure Sensor Circuit Range/Performance  
P012C Turbocharger/Supercharger Inlet Pressure Sensor Circuit Low  
P012D Turbocharger/Supercharger Inlet Pressure Sensor Circuit High  
P012E Turbocharger/Supercharger Inlet Pressure Sensor Circuit Intermittent/Erratic  
P012F Board Computer Function Selector Switch  
P0130 HO2S11 circuit malfunction  
P0131 HO2S11 circuit out of range low voltage  
P0132 HO2S11 circuit high voltage  
P0133 HO2S-11 Circuit slow response  
P0134 HO2S-11 no activity detected  
P0135 HO2SHTR11 Heater Circuit Malfunction  
P0136 HO2S12 circuit malfunction  
P0137 HO2S-12 circuit low voltage  
P0138 HO2S12 circuit high voltage

P0139 HO2S12 Circuit Slow Response  
P013A O2 Sensor Slow Response - Rich to Lean Bank 1, Sensor 2  
P013B O2 Sensor Slow Response - Lean to Rich Bank 1, Sensor 2  
P013C O2 Sensor Slow Response - Rich to Lean Bank 2, Sensor 2  
P013D O2 Sensor Slow Response - Lean to Rich Bank 2, Sensor 2  
P013E Sensor Delayed Response - Rich to Lean Bank 1 Sensor 1  
P013F Sensor Delayed Response - Lean to Rich Bank 1 Sensor 2  
P0140 HO2S12 Circuit No Activity Detected  
P0141 HO2SHTR12 Heater Circuit Malfunction  
P0142 Suspect HO2S22.  
P0143 HO2S - Circuit Low Voltage (bank 1, sensor 3)  
P0144 HO2S - Circuit high voltage (bank 1, sensor 3)  
P0145 HO2S - Circuit slow response (bank 1, sensor 3)  
P0146 Heated Exhaust oxygen Sensor (HO2S13)Circuit No Activity Detected (bank 1,sensor 3)  
P0147 ERG voltage too low  
P0148 ERG valve position low  
P0149 Fuel timing error reported by FIP  
P014A Sensor Delayed Response - Rich to Lean Bank 2 Sensor 2  
P014B Sensor Delayed Response - Lean to Rich Bank 2 Sensor 2  
P014C No EGR Valve Position Change  
P014E EGR Valve Position Too High  
P014F EGR Voltage Out Of Range  
P0150 HO2S21 circuit malfunction  
P0151 HO2S21 circuit out of range low voltage  
P0152 HO2S21 circuit high voltage  
P0153 Heated oxygen sensor circuit slow response(HO2S-21).  
P0154 HO2S21 circuit malfunction  
P0155 HO2SHTR21 Heater Circuit Malfunction  
P0156 Heated Oxygen Sensor Circuit Malfunction (HO2S-22).  
P0157 O2 Circuit Low Voltage (Bank 2, Sensor 2)  
P0158 HO2S22 circuit high voltage  
P0159 MAF out of range  
P015B Reduction timing solenoid  
P015C 2-4 Brake Solenoid  
P015D 2-4 Brake PWM Solenoid  
P015E Ground Return For Line Pressure and 2-4 Brake PWM Solenoid  
P015F Intermediate shaft speed sensor  
P0160 Heated oxygen sensor circuit no activity detected (bank 2,sensor 2).  
P0161 HO2SHTR22 Heater Circuit Malfunction  
P0162 HO2S-23 Circuit malfunction  
P0163 HO2S-23 Circuit low voltage  
P0164 HO2S-23 Circuit high voltage  
P0165 HO2S-23 Circuit slow response  
P0166 Fuel delivery error reported by FIP  
P0167 HO2S Heater Circuit (Bank 2,Sensor 3)  
P0168 Engine Fuel Temperature Too High  
P0169 Incorrect Fuel Composition  
P0170 Fuel trim malfunction (bank 1).  
P0171 System Too Lean Bank 1  
P0172 System Too Rich Bank 1  
P0173 Fuel trim malfunction (bank 2).  
P0174 System Too Lean Bank 2  
P0175 System Too Rich Bank 2  
P0176 Flexible Fuel Sensor Circuit

P0177 The engine is always running rich HO2S(1).Can be caused by faulty sensor,cold engine,MAP hose off,or fuel system

P0178 Flexible Fuel Sensor circuit low input

P0179 Flexible Fuel Sensor circuit high input

P0180 Fuel Temperature Sensor A Circuit

P0181 Fuel Temperature Sensor A Circuit Range/Performance

P0182 Fuel Temperature Sensor A Circuit Low Input

P0183 Fuel Temperature Sensor A Circuit High Input

P0184 Fuel Temperature Sensor A Circuit Intermittent

P0185 Fuel Temperature Sensor B Circuit

P0186 Fuel Temperature Sensor B Circuit Range/Performance

P0187 Fuel Temperature Sensor B Circuit Low Input

P0188 Fuel Temperature Sensor B Circuit High Input

P0189 Fuel Temperature Sensor B Circuit Intermittent

P018A Fuel Pressure Sensor B Circuit

P018B Fuel Pressure Sensor B Circuit Range/Performance

P018C Fuel Pressure Sensor B Circuit Low

P018D Fuel Pressure Sensor B Circuit High

P018E Fuel Pressure Sensor B Circuit Intermittent/Erratic

P018F Fuel System Over Pressure Relief Valve Frequent Activation

P0190 Fuel Rail Pressure Sensor

P0191 FRP Sensor Range/Performance

P0192 FRP rail pressure Sensor Low Input

P0193 FRP rail pressure Sensor high Input

P0194 Fuel Rail Pressure Sensor Intermittent

P0195 Engine Oil Temperature Sensor Circuit

P0196 Engine Oil Temperature Sensor Circuit Range/Performance

P0197 Engine Oil Temperature Sensor Circuit Low Input

P0198 Engine Oil Temperature Sensor Circuit High Input

P0199 Engine Oil Temperature Sensor Circuit Intermittent

P019B ISC Unable To Control Low Idle Speed

P019C ISC Unable To Control High Idle Speed

P01AA Immediate Shutdown Signal

P01C4 Missing speedo signal

P01F7 Control for valves pump or injector

P01F8 Valves for pump/injector(cylinder 1)

P01F9 Valves for pump/injector(cylinder 2)

P01FA Valves for pump/injector(cylinder 3)

P01FB Valves for pump/injector(cylinder 4)

P01FC Valves for pump/injector(cylinder 5)

P01FD Valves for pump/injector(cylinder 6)

P01FF Module fault

P0200 Module fault

P0201 Injector circuit malfunction cylinder 1

P0202 Injector circuit malfunction -cylinder 2

P0203 Injector circuit malfunction -cylinder 3

P0204 Injector circuit malfunction - 4

P0205 Cylinder #6 injector circuit

P0206 Cylinder #7 injector circuit

P0207 Cylinder #8 injector circuit

P0208 Cylinder #8 Injector Circuit

P0209 PSPS fault

P020A Indicates vehicle in gear or A/C on

P020B No A/C blower fan signal

P020C LGP option selected  
P020D Cylinder 4 Injection Timing  
P020E Cylinder 5 Injection Timing  
P020F Cylinder 6 Injection Timing  
P0210 Cylinder #10 Injector Circuit  
P0211 Cylinder #11 Injector Circuit  
P0212 Cylinder #12 Injector Circuit  
P0213 Cold Start Injector #1  
P0214 Cold start injector 2-malfunction  
P0215 Throttle Actuator Control System-Idle Position Not Learned  
P0216 Injection timing control circuit  
P0217 Engine Coolant Overtemperature Condition.  
P0218 Transmission Fluid Overtemperature Condition.  
P0219 Engine Overspeed Condition  
P021A No WOT detected during KOER  
P021B Cylinder 8 Injection Timing  
P021C Cylinder 9 Injection Timing  
P021D Cylinder 10 Injection Timing  
P021E Cylinder 11 Injection Timing  
P021F Cylinder 12 Injection Timing  
P0220 TP-B sensor/switch malfunction  
P0221 Throttle Position Switch B Circuit Range/Performance  
P0222 Throttle position (TP) B circuit low input.  
P0223 Throttle position (TP) B circuit high input.  
P0224 Throttle/Pedal Position Sensor B Circuit Intermittent  
P0225 Throttle/Pedal Position Sensor /switch C  
P0226 Unknown EDIS coil failure  
P0227 Throttle/Pedal Position Sensor/Switch C Circuit Low Input  
P0228 Throttle/Pedal Position Sensor/Switch C Circuit High Input  
P0229 Throttle/Pedal Position Sensor C Circuit Intermittent  
P022A Intercooler bypass control A circuit open  
P022B Intercooler Bypass Control A Circuit Low  
P022C Intercooler Bypass Control A Circuit High  
P022D Intercooler Bypass Control B Circuit Open  
P022E Intercooler Bypass Control B Circuit Low  
P022F Intercooler Bypass Control B Circuit High  
P0230 Fuel pump primary circuit malfunction  
P0231 Fuel pump secondary circuit low  
P0232 Fuel pump secondary circuit high  
P0233 Fuel Pump Secondary Circuit Intermittent  
P0234 Turbo/Super Charger Overboost Conition  
P0235 MAP sensor circuit  
P0236 Turbo/Super Charger Boost Sensor A Circuit Range/Performance  
P0237 Turbo/Super Charger Boost Sensor A Circuit Low  
P0238 Turbo/Super Charger Boost Sensor A Circuit High  
P0239 Turbo/Super Charger Boost Sensor B Circuit  
P023A Turbocharger/Supercharger Intercooler Coolant Pump Control Circuit/Open  
P023B Turbocharger/Supercharger Intercooler Coolant Pump Control Circuit Low  
P023C Turbocharger/Supercharger Intercooler Coolant Pump Control Circuit High  
P023D MAP-Turbocharger/Supercharger Boost Sensor A Correlation  
P023E MAP-Turbocharger/Supercharger Boost Sensor B Correlation  
P023F Fuel Pump Secondary Circuit Open  
P0240 Turbo/Super Charger Boost Sensor B Circuit Range/Performance  
P0241 Turbo/Super Charger Boost Sensor B Circuit Low



P0242 Internal reference voltage too low  
P0243 Wastegate Actuator circuit  
P0244 Turbo/Super Charger Wastegate Solenoid A Range/Performance  
P0245 Turbo/Super Charger Wastegate Solenoid A Low  
P0246 Turbo/Super Charger Wastegate Solenoid A High  
P0247 Turbo/Super Charger Wastegate Solenoid B  
P0248 Turbo/Super Charger Wastegate Solenoid B Range/Performance  
P0249 Turbo/Super Charger Wastegate Solenoid B Low  
P024A Charge Air Cooler Bypass Control A Range/Performance  
P024B Charge Air Cooler Bypass Control A Stuck  
P024C Charge Air Cooler Bypass Position Sensor A Circuit  
P024D Charge Air Cooler Bypass Position Sensor A Circuit Range/Performance  
P024E Charge Air Cooler Bypass Position Sensor A Low  
P024F Charge Air Cooler Bypass Position Sensor A High  
P0250 Turbo/Super Charger Wastegate Solenoid B High  
P0251 Injection pump fuel metering control malfunction  
P0252 FIP fuel angle calculation and demand mismatch  
P0253 Injection pump fuel metering control A low  
P0254 Injection pump fuel metering control A high  
P0255 Injection pump fuel metering control A intermittent  
P0256 Active lean NOX injector 2 malfunction  
P0257 Injection pump fuel metering control B range/performance  
P0258 Injection pump fuel metering control B low  
P0259 Injection pump fuel metering control B high  
P025A Fuel pump module control circuit open  
P025B Fuel pump module control circuit range/performance  
P025C Fuel pump module control circuit low  
P025D Fuel pump module control circuit high  
P025E Engine coolant two-way valve  
P025F Outside air temperature display  
P0260 Injection pump fuel metering control B intermittent  
P0261 Cylinder #1 injector circuit low  
P0262 Cylinder #1 injector circuit high  
P0263 Cylinder #1 contribution/balance  
P0264 Cylinder #2 injector circuit low  
P0265 Cylinder #2 injector circuit high  
P0266 Cylinder #2 contribution/balance  
P0267 Cylinder #3 injector circuit low  
P0268 Cylinder #3 injector circuit high  
P0269 Cylinder #3 contribution/balance  
P026A Right airbag deceleration sensor  
P026B Left sensor supply line  
P026C Left sensor supply line  
P026D Pressure reducing valve  
P026F ABS/transmission electrical connection  
P0270 Cylinder #4 injector circuit low  
P0271 Cylinder #4 injector circuit high  
P0272 Cylinder #4 contribution/balance  
P0273 Cylinder #5 injector circuit low  
P0274 Intermittent mode selector signal  
P0275 Cylinder #5 contribution/balance  
P0276 Cylinder #6 injector circuit low  
P0277 Cylinder #6 injector circuit high  
P0278 Cylinder #6 contribution/balance

P0279 Cylinder #7 injector circuit low  
P027A Gear Selector Switch Signal Fault  
P027B Heated exhaust oxygen sensor  
P027C Incorrect TOT signal / link gnd fault  
P027D Incorrect TOT signal /I link B+fault  
P027E Engine/transmission electrical connection 2 open circuit or short to ground  
P027F Deceleration sensor  
P0280 Cylinder #7 injector circuit high  
P0281 Cylinder #7 contribution/balance  
P0282 Cylinder #8 injector circuit low  
P0283 Cylinder #8 injector circuit high  
P0284 Cylinder #8 contribution/balance  
P0285 Cylinder #9 injector circuit low  
P0286 Cylinder #9 injector circuit high  
P0287 Cylinder #9 contribution/balance  
P0288 Cylinder #10 injector circuit low  
P0289 Cylinder #10 injector circuit high  
P028A Clutch pedal or transmission control switch  
P028B Ignition supply.  
P028C Transmission gear ratio  
P028E Driver seatbelt pretensioner sensor fault  
P028F Seatbelt passenger pre-tensioner circuit fault.  
P0290 Cylinder #10 contribution/balance  
P0291 Cylinder #11 injector circuit low  
P0292 Cylinder #11 injector circuit high  
P0293 Cylinder #11 contribution/balance  
P0294 Cylinder #12 injector circuit low  
P0295 Cylinder #12 injector circuit high  
P0296 Cylinder #12 contribution/balance  
P0297 Vehicle overspeed condition  
P0298 Engine oil overtemperature condition.  
P0299 Turbocharge/Supercharger underboost  
P029A Cylinder 1 balance - fuel trim at max limit  
P029B Cylinder 1 balance - fuel trim at min limit  
P029C Cylinder 1 balance - injector restricted  
P029D Cylinder 1 balance - injector leaking  
P029E Cylinder 2 balance - fuel trim at max limit  
P029F Cylinder 2 balance - fuel trim at min limit  
P02A0 Cylinder 2 balance - injector restricted  
P02A1 Cylinder 2 balance - injector leaking  
P02A2 Cylinder 3 balance - fuel trim at max limit  
P02A3 Cylinder 3 balance - fuel trim at min limit  
P02A4 Cylinder 3 balance - injector restricted  
P02A5 Cylinder 3 balance - injector leaking  
P02A6 Cylinder 4 balance - fuel trim at max limit  
P02A7 Cylinder 4 balance - fuel trim at min limit  
P02A8 Cylinder 4 balance - injector restricted  
P02A9 Cylinder 4 balance - injector leaking  
P02AA Cylinder 5 balance - fuel trim at max limit  
P02AB Cylinder 5 balance - fuel trim at min limit  
P02AC Cylinder 5 balance - injector restricted  
P02AD Cylinder 5 balance - injector leaking  
P02AE Cylinder 6 balance - fuel trim at max limit  
P02AF Cylinder 6 balance - fuel trim at min limit

P02B0 Cylinder 6 balance - injector restricted  
P02B1 Cylinder 6 balance - injector leaking  
P02B2 Cylinder 7 balance - fuel trim at max limit  
P02B3 PCM cannot control solenoid  
P02B4 PCM cannot control solenoid  
P02B5 PCM cannot control solenoid  
P02B6 PCM cannot control solenoid  
P02B7 PCM cannot control solenoid  
P02B8 PCM cannot control solenoid  
P02B9 PCM cannot control solenoid  
P02BA Cylinder 9 balance - fuel trim at max limit  
P02BB Cylinder 9 balance - fuel trim at min limit  
P02BC Cylinder 9 balance - injector restricted  
P02BD Cylinder 9 balance - injector leaking  
P02BE Cylinder 10 balance - fuel trim at max limit  
P02BF Cylinder 10 balance - fuel trim at min limit  
P02C0 Cylinder 10 balance - injector restricted  
P02C1 Cylinder 10 balance - injector leaking  
P02C2 Cylinder 11 balance - fuel trim at max limit  
P02C3 Cylinder 11 balance - fuel trim at min limit  
P02C4 Cylinder 11 balance - injector restricted  
P02C5 Cylinder 11 balance - injector leaking  
P02C6 Cylinder 12 balance - fuel trim at max limit  
P02C7 Cylinder 12 balance - fuel trim at min limit  
P02C8 Cylinder 12 balance - injector restricted  
P02C9 Cylinder 12 balance - injector leaking  
P02CA Turbocharger/supercharger B overboost condition  
P02CB Turbocharger/supercharger B underboost condition  
P02CC Cylinder 1 fuel injector offset learning at min limit  
P02CD Cylinder 1 fuel injector offset learning at max limit  
P02CE Cylinder 2 fuel injector offset learning at min limit  
P02CF Cylinder 2 fuel injector offset learning at max limit  
P02D0 Cylinder 3 fuel injector offset learning at min limit  
P02D1 Cylinder 3 fuel injector offset learning at max limit  
P02D2 Cylinder 4 fuel injector offset learning at min limit  
P02D3 Cylinder 4 fuel injector offset learning at max limit  
P02D4 Cylinder 5 fuel injector offset learning at min limit  
P02D5 Cylinder 5 fuel injector offset learning at max limit  
P02D6 Cylinder 6 fuel injector offset learning at min limit  
P02D7 Cylinder 6 fuel injector offset learning at max limit  
P02D8 Cylinder 7 fuel injector offset learning at min limit  
P02D9 Cylinder 7 fuel injector offset learning at max limit  
P02DA Cylinder 8 fuel injector offset learning at min limit  
P02DB Cylinder 8 fuel injector offset learning at max limit  
P02DC Cylinder 9 fuel injector offset learning at min limit  
P02DD Cylinder 9 fuel injector offset learning at max limit  
P02DE Cylinder 10 fuel injector offset learning at min limit  
P02DF Cylinder 10 fuel injector offset learning at max limit  
P02E0 Diesel intake air flow control circuit open  
P02E1 Diesel intake air flow control performance  
P02E2 Diesel intake air flow control circuit low  
P02E3 Diesel intake air flow control circuit high  
P02E4 Diesel intake air flow control stuck open

P02E5 Diesel intake air flow control stuck closed  
P02E6 Diesel intake air flow position sensor circuit  
P02E7 Diesel intake air flow position sensor range/performance  
P02E8 Diesel intake air flow position sensor circuit low  
P02E9 Diesel intake air flow position sensor circuit high  
P02EA Diesel intake air flow position sensor circuit intermittent/erratic  
P02EB Diesel intake airflow control motor current range/performance  
P02EC Diesel intake airflow control system-high airflow detected  
P02ED Diesel intake airflow control system-low airflow detected  
P02EE Cylinder 1 injection circuit rang/performance  
P02EF Cylinder 2 injection circuit rang/performance  
P02F0 Cylinder 3 injection circuit rang/performance  
P02F1 Cylinder 4 injection circuit rang/performance  
P02F2 Cylinder 5 injection circuit rang/performance  
P02F3 Cylinder 6 injection circuit rang/performance  
P02F4 Cylinder 7 injection circuit rang/performance  
P02F5 Cylinder 8 injection circuit rang/performance  
P02F6 Cylinder 9 injection circuit rang/performance  
P02F7 Cylinder 10 injection circuit rang/performance  
P02F8 Cylinder 11 injection circuit rang/performance  
P02F9 Cylinder 12 injection circuit rang/performance  
P02FA Diesel intake airflow position sensor minimum/maximum stop performance  
P02FE Front vent temperature sensor is faulty  
P02FF Rear evaporator temperature sensor  
P0300 Random Misfire Detected  
P0301 Future emission related code.no action is required  
P0302 Future emission related code.no action is required  
P0303 Cylinder 3 Misfire Detected.  
P0304 Future emission related code.no action is required  
P0305 Cylinder 5 Misfire Detected.  
P0306 Cylinder 6 Misfire Detected.  
P0307 Cylinder #7 Misfire Detected  
P0308 Cylinder #8 Misfire Detected  
P0309 Cylinder #9 Misfire Detected  
P030A Steering angle sensor  
P030B External Temperature Sensor  
P030C Front Left Positioning Motor  
P030D Front Right Positioning Motor  
P030E Left Rear Positioning Motor  
P030F Serial link is fault  
P0310 %%h(ERG/SO)circuit failure  
P0311 CANP circuit failure  
P0312 PERF.indication light output is faulty  
P0313 FP circuit failure  
P0314 A/C Control Relay Output Is Faulty  
P0315 RECIRC.Over-Ride Output Is Fautly  
P0316 Misfire Detected On Startup (First 1000 revolutions).  
P0317 Electro Drive Fan 1 Output Is Faulty  
P0318 Electro driver fan 2 output is faulty  
P0319 Electro driver fan 3 output is faulty  
P031A Electro driver fan 4 output is faulty  
P031B Broad Band Manifold Output Is Faulty  
P031C Temperature Sensor Fan  
P031D Sunload Sensor.

P031E SEGMENTS  
 P031F Coolant temperature sensor  
 P0320 PIP circuit fault  
 P0321 The PCM Detected two successive erratic PIP pulses.This could result in an engine misfire or stall.  
 P0322 Ignition/distributor engine speed circuit no signal  
 P0323 Ignition/Distributor Engine Speed Input Circuit Intermittent  
 P0324 Knock Control System Error  
 P0325 Knock sensor 1 circuit malfunction  
 P0326 Knock sensor 1 circuit performance  
 P0327 Knock sensor 1 circuit malfunction  
 P0328 Knock Sensor 1 Circuit High Input  
 P0329 Knock Sensor 1 Circuit Intermittent (Bank 1)  
 P032A Knock Sensor 3 Circuit ,Bank 1  
 P032B Knock Sensor 3 Circuit Range/Performance,Bank 1  
 P032C Knock Sensor 3 Circuit Low,Bank 1  
 P032D Knock Sensor 3 Circuit High,Bank 1  
 P032E Knock Sensor 3 Circuit Intermittent,Bank 1  
 P0330 Knock sensor 2 circuit malfunction  
 P0331 Knock sensor 2 circuit performance  
 P0332 Knock Sensor 2 Circuit Low Input  
 P0333 Knock Sensor 2 Circuit High Input  
 P0334 EGR Valve Position Too High  
 P0335 CKP sensor circuit fault  
 P0336 CKP Sensor A Circuit Range/Performance  
 P0337 CKP Sensor A Circuit Low Input  
 P0338 CKP sensor circuit high input  
 P0339 CPS A Circuit Intermittent  
 P033A Knock Sensor 4 Circuit,Bank 2  
 P033B Knock Sensor 4 Circuit Range/Performance, Bank 2  
 P033C Knock Sensor 4 Circuit Low,Bank 2  
 P033D Knock Sensor 4 Circuit High,Bank 2  
 P033E Knock Sensor 4 Circuit Intermittent,Bank 2  
 P0340 CMP sensor circuit fault  
 P0341 Camshaft Position Sensor A Circuit Range/Performance (Bank 1 or single sensor)  
 P0342 CMP Sensor Circuit Low Input  
 P0343 CID A Circuit High Input (Bank 1 or single sensor)  
 P0344 Camshaft Position Sensor A circuit intermittent (Bank 1 or single sensor)  
 P0345 EVAP temp voltage too low  
 P0346 EVAP temp voltage too high  
 P0347 EVAP temp voltage out of range  
 P0348 CID A Circuit High Input (Bank 2)  
 P0349 CID A Circuit Intermittent (Bank 2)  
 P034C No BEM Enable Code Received  
 P034D Immobilization System In Plant Mode  
 P0350 Ignition Coil primary circuit malfunction  
 P0351 Ignition Coil A Primary/secondary circuit  
 P0352 Ignition Coil B Primary/secondary circuit  
 P0353 Ignition Coil C Primary/secondary circuit  
 P0354 Ignition Coil D Primary/Secondary Circuit  
 P0355 Ignition Coil E Primary/Secondary Circuit  
 P0356 Ignition Coil F Primary/Secondary Circuit  
 P0357 Ignition Coil G Primary/Secondary Circuit  
 P0358 Ignition Coil H Primary/Secondary Circuit

P0359 Ignition Coil I Primary/Secondary Circuit  
P0360 Ignition Coil J Primary/Secondary Circuit  
P0361 Ignition coil K circuit malfunction  
P0362 Ignition coil L circuit malfunction  
P0363 Misfire Detected - Fueling Disabled  
P0365 CID B Circuit (Bank 1)  
P0366 CID B Circuit Range/Performance(Bank 1)  
P0367 CID B Circuit low Input (Bank 1)  
P0368 CID B Circuit High Input (Bank 1)  
P0369 CID B Circuit Intermittent (Bank !)  
P0370 Timing Reference High Resolution Signal A  
P0371 Timing Reference High Resolution Signal A Too Many Pulses  
P0372 Timing Reference High Resolution Signal A Too Few Pulses  
P0373 Timing Reference High Resolution Signal A Intermittent  
P0374 Timing Reference High Resolution Signal A No Pulses  
P0375 Timing Reference High Resolution Signal B  
P0376 Timing Reference High Resolution Signal B Too Many Pulses  
P0377 Timing Reference High Resolution Signal B Too Few Pulses  
P0378 Timing Reference High Resolution Signal B Intermittent  
P0379 Timing Reference High Resolution Signal B No Pulses  
P037D Glow Plug Relay Sense Circuit  
P037E Glow Plug Relay Sense Circuit Low  
P037F Glow Plug Relay Sense Circuit High  
P0380 Glowplug control circuit  
P0381 Glowplug lamp circuit  
P0382 Glow Plug/Heater Circuit B  
P0383 Glow Plug Control Module Control Circuit Low  
P0384 Glow Plug Control Module Control Circuit High  
P0385 Crankshft Position Sensor Circuit B  
P0386 CPS B Circuit Range/Performance  
P0387 CPS B Circuit low Input  
P0388 CPS B Circuit High Input  
P0389 CPS B Circuit Intermittent  
P038F Module Identification  
P0390 Module Identification  
P0391 Module Identification  
P0392 Module Identification  
P0393 Module Identification  
P0394 Module Identification  
P0395 Module Identification  
P0396 Module Identification  
P0397 Module Identification  
P0399 Module Identification  
P039A Module Identification  
P039C Module Identification  
P039E Module Identification  
P03E6 Hard Fault \*\*\*\*\*Fmem Mode\*\*\*\*\*  
P0400 EGR system flow malfunction  
P0401 EGR system insufficient flow detected  
P0402 EGR system excessive flow detected at idle  
P0403 ERG valve position control circuit  
P0404 ERG valve position control performance or range fault  
P0405 EGR Sensor A Circuit Low  
P0406 EGR Sensor A Circuit High

P0407 EGR Sensor B Circuit Low  
P0408 EGR Sensor B Circuit High  
P0409 EGR valve position sensor  
P040A EGR Temperature Sensor Circuit  
P040B EGR Temperature Sensor Circuit Range/Performance  
P040C EGR Temperature Sensor Circuit Low  
P040D EGR Temperature Sensor Circuit High  
P040E EGR Temperature Sensor Circuit Intermittent/Erratic  
P040F EGR Temperature Sensor A/B Correlation  
P0410 Secondary air injector system malfunction  
P0411 AIR Incorrect Flow Detected  
P0412 AIR System Switching Valve Circuit Malfunction  
P0413 AIR system open circuit  
P0414 AIR system short circuit  
P0415 Secondary Air Injection Switching Valve B Circuit  
P0416 AIR system open circuit  
P0417 AIR system short circuit  
P0418 Secondary Air injection System Relay A Circuit  
P0419 Secondary Air Injection System Control B Circuit  
P041A EGR Temperature Sensor B Circuit  
P041B EGR Temperature Sensor B Circuit Range/Performance  
P041C EGR Temperature Sensor B Circuit Low  
P041D EGR Temperature Sensor B Circuit High  
P041E EGR Temperature Sensor B Circuit Intermittent/Erratic  
P041F Secondary Air Injection Switching Valve A Circuit Low  
P0420 Catalyst system efficiency below threshold (bank 1)  
P0421 Warm-Up Catalyst System Efficiency Below Threshold (Bank 1)  
P0422 Main Catalyst ,Bank 1 Efficiency Below Threshold  
P0423 Heated Catalyst Efficiency Below Threshold (Bank 1)  
P0424 Heated Catalyst Temperature Below Threshold (Bank 1)  
P0425 Catalyst Temperature Sensor (Bank 1)  
P0426 Catalyst Temperature Sensor Range/Performance (Bank1)  
P0427 Catalyst Temperature Sensor Bank 1 Low Input  
P0428 Catalyst Temperature Sensor Bank 1 High input  
P0429 Catalyst Heater Control Circuit (Bank 1)  
P042A Catalyst Temperature Sensor Circuit Bank 1 Sensor Circuit 2  
P042B Catalyst Temperature Sensor Circuit Range/Performance Bank1 Sensor Circuit 2  
P042C Catalyst Temperature Sensor Circuit Low Input Bank 1 Sensor Circuit 2  
P042D Catalyst Temperature Sensor Circuit High Input Bank 1 Sensor Circuit 2  
P042E EGR Control Stuck Open  
P042F EGR Control Stuck Closed  
P0430 Catalyst System Efficiency Below Threshold (Bank 2)  
P0431 Warm up catalyst system efficiency below threshold (LH)  
P0432 Main Catalyst ,Bank 2 Efficiency Below Threshold  
P0433 Catalyst System Efficiency Below Threshold (Bank 2)  
P0434 Heated Catalyst Temperature Below Threshold (Bank 2)  
P0435 Catalyst Temperature Sensor (Bank 2)  
P0436 Catalyst Temperature Sensor Bank 2 Range/Performance  
P0437 Catalyst Temperature Sensor Bank 2 Low Input  
P0438 Catalyst Temperature Sensor Bank 2 High Input  
P0439 Catalyst Heater Control Circuit (Bank 2)  
P043A Catalyst Temperature Sensor Circuit Bank 2 Sensor Circuit 2  
P043B Catalyst Temperature Sensor Circuit Range/ Performance Bank 2 Sensor Circuit 2  
P043C Catalyst Temperature Sensor Circuit Low Input Bank 2 Sensor Circuit 2

P043D Catalyst Temperature Sensor Circuit High Input Bank 2 Sensor Circuit 2  
P043E EVAP System Leak Detection Reference Orifice Low Flow  
P043F EVAP System Leak Detection Reference Orifice High Flow  
P0440 Evaporative emission control system malfunction  
P0441 Evaporative Emission Control System Incorrect Purge Flow  
P0442 EVAP system leak detected (small leak.04-inch)  
P0443 EVAP canister purge valve circuit fault  
P0444 EVAP control system purge control valve circuit open  
P0445 EVAP control system purge control valve circuit shorted  
P0446 EVAP system vent control circuit  
P0447 EVAP System Vent Control Circuit Open  
P0448 EVAP System Vent Control Circuit Shorted  
P0449 EVAP System Vent Control Circuit Intermittent  
P044A EGR Sensor C Circuit  
P044B EGR Sensor C Range/ Performance  
P044C EGR Sensor C Circuit Low  
P044D EGR Sensor C Circuit High  
P044E EGR Sensor C Circuit Intermittent/ Erratic  
P044F Secondary Air Injection Switching Valve A Circuit High  
P0450 Evaporative emission control system malfunction  
P0451 EVAP system-pressure sensor range/performance  
P0452 EVAP System Pressure Sensor/ Switch Low Input  
P0453 Evaporative emission control system malfunction  
P0454 EVAP System Pressure Sensor/ Switch Intermittent  
P0455 Evaporative Emission Control system leak detected (gross leak)  
P0456 EVAP system leak detected (very small leak.02-inch)  
P0457 EVAP system leak detected (fuel cap off/loose)  
P0458 EVAP System Purge Control Valve Circuit Low  
P0459 EVAP System Purge control Valve Circuit High  
P045A EGR B Control Circuit  
P045B EGR B Control Circuit Range/Performance  
P045C EGR B Control Circuit Low  
P045D EGR B Control Circuit High  
P045E EGR B Control Stuck Open  
P045F EGR B Control Stuck Closed  
P0460 Fuel Level Sensor A Circuit  
P0461 Fuel Level Sensor Circuit Range/Performance  
P0462 Fuel Level Sensor Circuit Low Input  
P0463 Fuel Level Sensor A Circuit High Input  
P0464 Fuel Level Sensor Circuit Intermittent  
P0465 EVAP System Purge Flow Sensor Circuit  
P0466 EVAP System Purge Flow Sensor Circuit Range/Performance  
P0467 EVAP System Purge Flow Sensor Circuit Low Input  
P0468 EVAP System Purge Flow Sensor Circuit High Input  
P0469 EVAP System Purge Flow Sensor Circuit Intermittent  
P046A Catalyst Temperature Sensor 1/2 Correlation, Bank 1  
P046B Catalyst Temperature Sensor 1/2 Correlation, Bank 2  
P046C EGR Sensor A Range/Performance  
P046D EGR Sensor A Intermittent/Erratic  
P046E EGR Sensor B Range/Performance  
P046F EGR Sensor B Intermittent/Erratic  
P0470 Exhaust Back Pressure sensor circuit malfunction  
P0471 Exhaust Back pressure sensor circuit malfunction  
P0472 Exhaust Back Pressure sensor circuit malfunction



P0473 Exhaust Back pressure sensor circuit malfunction  
P0474 Exhaust Pressure Sensor Intermittent  
P0475 Exhaust Pressure Control Valve malfunction  
P0476 Exhaust Pressure Control Valve malfunction  
P0477 Exhaust Pressure Control Valve malfunction  
P0478 Exhaust Pressure Control Valve malfunction  
P0479 Exhaust Pressure Control Valve Intermittent  
P047A Exhaust Pressure Sensor B Circuit  
P047B Exhaust Pressure Sensor B Circuit Range/Performance  
P047C Exhaust Pressure Sensor B Circuit Low Input  
P047D Exhaust Pressure Sensor B Circuit High Input  
P047E Exhaust Pressure Sensor B Circuit Intermittent/Erratic  
P047F Exhaust Pressure Control Valve Stuck Open  
P0480 Cooling fan 1 control circuit malfunction  
P0481 Cooling fan 2 control circuit malfunction  
P0482 Cooling Fan 3 Control Circuit Malfunction  
P0483 Fan Performance  
P0484 Fan Current  
P0485 Fan Power/ Ground Circuit  
P0486 EGR Sensor B Circuit  
P0487 EGRTTP position control circuit  
P0488 ERG throttle position control range/performance  
P0489 Exhaust Gas Recirculation Control Circuit Low  
P048A Exhaust Pressure Control Valve Stuck Closed  
P048B Exhaust Pressure Control Valve Position Sensor/ Switch Circuit  
P048C Exhaust Pressure Control Valve Position Sensor/ Switch Circuit Range/Performance  
P048D Exhaust Pressure Control Valve Position Sensor/ Switch Circuit Low  
P048E Exhaust Pressure Control Valve Position Sensor/ Switch Circuit High  
P048F Exhaust Pressure Control Valve Position Sensor/ Switch Circuit Intermittent/Erratic  
P0490 Exhaust Gas Recirculation Control Circuit High  
P0491 Secondary Air Injection System(Bank 1)  
P0492 Secondary Air Injection System(Bank 2)  
P0493 Fan Overspeed (Clutch Locked)  
P0494 Fan Speed Low  
P0495 Fan Speed High  
P0496 EVAP System High Purge Flow  
P0497 EVAP System Low Purge Flow  
P0498 EVAP System Vent Control Circuit Low  
P0499 EVAP System Vent Control Circuit High  
P049A EGR B Flow  
P049B EGR B Flow Insufficient Detected  
P049C EGR B Flow Excessive Detected  
P049D EGR A Control Position Exceeded Learning Limit  
P049E EGR B Control Position Exceeded Learning Limit  
P049F Exhaust Pressure Control Valve B  
P04A0 Exhaust Pressure Control Valve B Range/ Performance  
P04A1 Exhaust Pressure Control Valve B Low  
P04A2 Exhaust Pressure Control Valve B High  
P04A3 Exhaust Pressure Control Valve B Intermittent  
P04A4 Exhaust Pressure Control Valve B Stuck Open  
P04A5 Exhaust Pressure Control Valve B Stuck Closed  
P04A6 Exhaust Pressure Control Valve B Position Sensor/ Switch Circuit  
P04A7 Exhaust Pressure Control Valve B Position Sensor/ Switch Circuit Range/Performance  
P04A8 Exhaust Pressure Control Valve B Position Sensor/ Switch Circuit Low

P04A9 Exhaust Pressure Control Valve B Position Sensor/ Switch Circuit High  
 P04AA Exhaust Pressure Control Valve B Position Sensor/ Switch Circuit Intermittent/Erratic  
 P04D4 Shift lock solenoid N10 open circuit or short to power  
 P04FC Hydraulic Pump Motor  
 P04FF Longitudinal Acceleration Sensor  
 P0500 Vehicle Speed Sensor Malfunction VSS  
 P0501 Vehicle Speed Sensor Malfunction VSS  
 P0502 VSS A Circuit Low Input  
 P0503 Vehicle Speed Sensor Malfunction VSS  
 P0504 Brake Switch A / B Correlation  
 P0505 IAC circuit fault  
 P0506 IAC valve duty cycle lower than expected  
 P0507 IAC valve duty cycle higher than expected  
 P0508 IAC System Circuit Low  
 P0509 IAC System Circuit High  
 P050A Cold Start Idle Air Control System Performance  
 P050B Cold Start Ignition Timing Performance  
 P050C Cold Start Engine Coolant Temperature Performance  
 P050D Cold Start Rough Idle  
 P050E Cold Start Engine Exhaust Temperature Out of Range  
 P0510 Closed throttle position switch malfunction.  
 P0511 IAC Circuit fault  
 P0512 Starter Request Circuit  
 P0513 Battery voltage Low  
 P0514 Battery Temperature Sensor Circuit Range/ Performance  
 P0515 BET circuit  
 P0516 Battery Temperature Sensor Circuit Low  
 P0517 Battery Temperature Sensor Circuit High  
 P0518 IAC Circuit Intermittent  
 P0519 iac Circuit System Performance  
 P051A Crankcase Pressure Sensor Circuit  
 P051B Crankcase Pressure Sensor Circuit Range/ Performance  
 P051C Crankcase Pressure Sensor Circuit Low  
 P051D Crankcase Pressure Sensor Circuit High  
 P051E Crankcase Pressure Sensor Circuit Intermittent  
 P051F Positive Crankcase Ventilation Filter Restriction  
 P0520 Engine Oil Pressure Sensor or Switch Circuit  
 P0521 Engine Oil Pressure Sensor/ Switch Circuit Range/ Performance  
 P0522 Engine Oil Pressure Sensor/ Switch Circuit Low Input  
 P0523 Engine Oil Pressure Sensor/ Switch Circuit High Input  
 P0524 Engine Oil Pressure Too Low  
 P0525 Cruise Control Servo Control Circuit Range/ Performance  
 P0526 Fan Speed Sensor Circuit  
 P0527 Fan Speed Sensor Circuit Range or Performance  
 P0528 Fan Speed Sensor Circuit No Signal  
 P0529 Fan Speed Sensor Circuit Intermittent  
 P052A Cold Start Camshaft Position Timing Over- Advanced Bank 1  
 P052B Cold Start Camshaft Position Timing Over-Retarded Bank 1  
 P052C Cold Start Camshaft Position Timing Over- Advanced-Bank 2  
 P052D Cold Start Camshaft Position Timing Over- Retarded Bank 2  
 P052E Positive Crankcase Ventilation Regulator Valve Performance  
 P0530 A/C Refrigerant Pressure Sensor A Circuit  
 P0531 A/C Refrigerant Pressure Sensor A Circuit Range/ Performance  
 P0532 A/C Pressure Sensor Circuit Low Input ,if DTC 532,533 or 534 is set,please run all tools

and calibrations->A/C test to confirm the problem.

P0533 A/C Pressure Sensor Circuit high Input ,if DTC 532,533 or 534 is set,please run all tools and calibrations->A/C test to confirm the problem.

P0534 AC refrigerant loss ,if DTC 532,533 or 534 is set,please run all tools and calibrations->A/C test to confirm the problem.

P0535 A/C Evaporator Temperature Sensor Circuit

P0536 AC evaporator air temp circuit low input

P0537 AC evaporator air temp circuit low input

P0538 AC evaporator air temp circuit high input

P0539 A/C Evaporator Temperature Sensor Circuit Intermittent

P053A PCV Heater Control Circuit open

P053B PCV Heater Control Circuit Low

P053C PCV Heater Control Circuit High

P0540 P0540\$I

P0541 Manifold Intake Air Heater Circuit Low

P0542 Manifold Intake Air Heater Circuit high

P0543 Intake Air Heater A Circuit Open

P0544 Exhaust Gas Temperature Sensor Circuit - Bank 1 Sensor 1

P0545 Exhaust Gas Temperature Sensor Circuit Low - Bank 1 Sensor 1

P0546 Exhaust Gas Temperature Sensor Circuit High - Bank 1 Sensor 1

P0547 Exhaust Gas Temperature Sensor Circuit - Bank 2 Sensor 1

P0548 Exhaust Gas Temperature Sensor Circuit Low - Bank 2 Sensor 1

P0549 Exhaust Gas Temperature Sensor Circuit High - Bank 2 Sensor 1

P054A Cold Start Exhaust (B) Camshaft Position Timing Over- Advanced (Bank 1)

P054B Cold Start Exhaust (B) Camshaft Position Timing Over- Retarded (Bank 1)

P054C Cold Start Exhaust (B) Camshaft Position Timing Over- Advanced (Bank 2)

P054D Cold Start Exhaust (B) Camshaft Position Timing Over- Retarded (Bank 2)

P0550 PSP/switch circuit

P0551 Power Steering Pressure Sensor Circuit Range/ Performance

P0552 PSP Switch circuit low input

P0553 PSP Switch circuit high input

P0554 Power Steering Pressure Sensor or Switch Circuit Intermittent

P0555 Brake Booster Pressure Sensor Circuit

P0556 Brake Booster Pressure Sensor Circuit Range or Performance

P0557 Brake Booster Pressure Sensor Circuit Low Input

P0558 Brake Booster Pressure Sensor Circuit High Input

P0559 Brake Booster Pressure Sensor Circuit Intermittent

P0560 System Battery Voltage

P0561 System voltage unstable

P0562 System Voltage Low

P0563 System Voltage High

P0564 Cruise Control Multi- function Input A Circuit

P0565 Cruise control on signal malfunction

P0566 Cruise Control OFF Signal

P0567 Cruise Control RESUME Signal

P0568 Cruise Control SET Signal

P0569 Cruise Control COAST Signal

P056A Cruise Control Increase Distance Signal

P056B Cruise Control Decrease Distance Signal

P0570 Cruise Control ACCEL Signal

P0571 Speed control brake switch circuit failure

P0572 Brake Switch A Circuit Low

P0573 Brake Switch A Circuit High

P0574 Cruise Control System - Vehicle Speed Too High

P0575 Speed Control Input

P0576 Cruise Control Input Circuit Low  
P0577 Cruise Control Input Circuit High  
P0578 Battery voltage Low  
P0579 Cruise Control Multi- Function Input A Circuit Range/ Performance  
P0580 Cruise Control MultiFunction Input A Circuit Low  
P0581 Cruise Control Multi- Function Input A Circuit High  
P0582 Cruise Control Vacuum Control Circuit Open  
P0583 Cruise Control Vacuum Control Circuit Low  
P0584 Cruise Control Vacuum Control Circuit High  
P0585 Cruise Control MultiFunction Input A / B Correlation  
P0586 Cruise Control Vent Control Circuit Open  
P0587 Cruise Control Vent Control Circuit Low  
P0588 Cruise Control Vent Control Circuit High  
P0589 Cruise Control MultiFunction Input B Circuit  
P058F Lateral Acceleration Sensor  
P0590 Cruise Control MultiFunction Input B Circuit Stuck  
P0591 Cruise Control MultiFunction Input B Circuit Range or Performance  
P0592 Cruise Control MultiFunction Input B Circuit Low  
P0593 Cruise Control MultiFunction Input B Circuit High  
P0594 Cruise Control Servo Control Circuit/Open  
P0595 Cruise Control Servo Control Circuit Low  
P0596 Cruise Control Servo Control Circuit High  
P0597 Thermostat Heater Control Circuit.  
P0598 Thermostat Heater Control Circuit Low  
P0599 Thermostat Heater Control Circuit High  
P059B Primary brake pressure sensor  
P0600 Serial Communication Link malfunction  
P0601 Internal Control Module Memory Checksum Error  
P0602 PCM programming error  
P0603 Power interruption on KAPWR circuit.  
P0604 PCM RAM error  
P0605 PCM memory failure  
P0606 ECM / PCM Processor  
P0607 Control Module Performance  
P0608 Vehicle speed output  
P0609 Powertrain Control Module Vehicle Speed Output B  
P060A Internal Control Module Monitoring Processor Performance  
P060B Internal Control Module A/ D Processing Performance  
P060C Internal Control Module Main Processor Performance  
P060D Internal Control Module Accelerator Pedal Position Performance  
P060E Internal Control Module Throttle Position Performance  
P060F Internal Control Module Engine Coolant Temperature Performance  
P0610 Control module vehicle options error  
P0611 Control module incorrectly configured  
P0612 Fuel Injector Control Module Relay Control Circuit  
P0613 TCM Processor error  
P0614 ECM / TCM Incompatible  
P0615 Starter Relay Circuit  
P0616 Starter Relay Circuit Low  
P0617 Starter Relay Circuit High  
P0618 Alternative Fuel Control Module KAM Error  
P0619 Alternative Fuel Control Module RAM/ROM Error  
P061A Internal Control Module Torque Performance  
P061B Internal Control Module Torque Calculation Performance

P061C Internal Control Module Engine RPM Performance  
P061D Internal Control Module Engine Air Mass Performance  
P061E Internal Control Module Brake Signal Performance  
P061F Internal Control Module Throttle Actuator Controller Performance  
P0620 Generator Control Circuit  
P0621 Generator Lamp Terminal Circuit  
P0622 Charging system fault.  
P0623 Generator Lamp Circuit  
P0624 Fuel Cap Lamp Control Circuit  
P0625 Generator Field Terminal Circuit Low  
P0626 Generator Field Terminal Circuit High  
P0627 Fuel Pump A Control Circuit / Open  
P0628 The mode selector (normal economy) switch fault.  
P0629 Fuel Pump A Control Circuit High  
P062A Fuel Pump A Control Circuit Range/ Performance  
P062B Internal Control Module Fuel Injector Control Performance  
P062C Internal Control Module Vehicle Speed Performance  
P062D Fuel Injector Driver Circuit Performance Bank 1  
P062E Fuel Injector Driver Circuit Performance Bank 2  
P062F PCM EEPROM Error  
P0630 VIN Not Programmed or Incompatible - ECM / PCM  
P0631 VIN Not Programmed or Incompatible - TCM  
P0632 Odometer Not Programmed - ECM /PCM  
P0633 Immobilizer Key Not Programmed - ECM/PCM  
P0634 Gear Selector Switch Signal Fault  
P0635 Power Steering Control Circuit  
P0636 Power Steering Control Circuit Low  
P0637 Incorrect TOT Signal / Link B + Fault  
P0638 Throttle Actuator Control Range/ Performance - Bank 1  
P0639 Throttle Actuator Control Range/ Performance - Bank 2  
P063A Generator Voltage Sense Circuit  
P063B Generator Voltage Sense Circuit Range/ Performance  
P063C Generator Voltage Sense Circuit Low  
P063D Generator Voltage Sense Circuit High  
P063E Auto Configuration Throttle Input Not Present  
P063F Auto Configuration Engine Coolant Temperature Input Not Present  
P0640 Manifold Intake Air Heater Control Circuit Fault  
P0641 Sensor Reference Voltage A Circuit /Open  
P0642 Sensor Reference Voltage A Circuit Low  
P0643 Sensor Reference Voltage A Circuit High  
P0644 Driver display serial communication circuit  
P0645 Air conditioning clutch relay circuit  
P0646 Air conditioning clutch relay circuit  
P0647 Air conditioning clutch relay circuit  
P0648 Immobilizer lamp control circuit  
P0649 Speed control lamp control circuit  
P064A Fuel Pump Control Module  
P064B PTO Control Module  
P064C Glow Plug Control Module  
P064D Internal Control Module O2 Sensor Processor Performance - Bank 1  
P064E Internal Control Module O2 Sensor Processor Performance - Bank 2  
P064F Unauthorized Software/ Calibration Detected  
P0650 MIL control circuit  
P0651 Sensor Reference Voltage B Circuit/Open

P0652 Sensor Reference Voltage B Circuit Low  
P0653 Sensor Reference Voltage B Circuit High  
P0654 Engine RPM Output Circuit  
P0655 Engine Hot Lamp Output Control Circuit  
P0656 Fuel level output circuit malfunction  
P0657 Actuator Supply Voltage Circuit / Open  
P0658 Actuator Supply Voltage Circuit Low  
P0659 Actuator Supply Voltage Circuit High  
P065A Generator System Performance  
P065B Generator Control Circuit Range/ Performance  
P065C Generator Mechanical Performance  
P065D Reductant System Malfunction Lamp Control Circuit  
P065E Intake Manifold Tuning Valve Performance - Bank 1  
P065F Intake Manifold Tuning Valve Performance - Bank 2  
P0660 IMTV Circuit Malfunction  
P0661 Intake Manifold Tuning Valve Control Circuit Low(Bank 1)  
P0662 IMTV control circuit/open - bank 2  
P0663 IMTV Control Circuit / Open - Bank 2  
P0664 IMTV Control Circuit Low - Bank 2  
P0665 IMTV Control Circuit High - Bank 2  
P0666 PCM / ECM / TCM Internal Temperature Sensor Circuit  
P0667 PCM / ECM / TCM Internal Temperature Sensor Range/ Performance  
P0668 PCM / ECM / TCM Internal Temperature Sensor Circuit Low  
P0669 PCM / ECM / TCM Internal Temperature Sensor Circuit High  
P066A Cylinder 1 Glow Plug Circuit Low  
P066B Cylinder 1 Glow Plug Circuit High  
P066C Cylinder 2 Glow Plug Circuit Low  
P066D Cylinder 2 Glow Plug Circuit High  
P066E Cylinder 3 Glow Plug Circuit Low  
P066F Cylinder 3 Glow Plug Circuit High  
P0670 Glow Plug Module Control Circuit  
P0671 Cylinder No.1 - Glow Plug Circuit  
P0672 Cylinder No.2 - Glow Plug Circuit  
P0673 Cylinder No.3 - Glow Plug Circuit  
P0674 Cylinder No.4 - Glow Plug Circuit  
P0675 Cylinder No.5 - Glow Plug Circuit  
P0676 Cylinder No.6 - Glow Plug Circuit  
P0677 Cylinder No.7 - Glow Plug Circuit  
P0678 Cylinder No.8 - Glow Plug Circuit  
P0679 Cylinder 9 Glow Plug Circuit  
P067A Cylinder 4 Glow Plug Circuit Low  
P067B Cylinder 4 Glow Plug Circuit High  
P067C Cylinder 5 Glow Plug Circuit Low  
P067D Cylinder 5 Glow Plug Circuit High  
P067E Cylinder 6 Glow Plug Circuit Low  
P067F Cylinder 6 Glow Plug Circuit High  
P0680 Cylinder 10 Glow Plug Circuit  
P0681 Cylinder 11 Glow Plug Circuit  
P0682 Cylinder 12 Glow Plug Circuit  
P0683 Glow Plug Control Module Communication Fault  
P0684 Glowplug control circuit  
P0685 ECM / PCM Power Relay Control Circuit/Open  
P0686 ECM/PCM power relay control circuit low  
P0687 ECM / PCM Power Relay Control Circuit High

P0688 ECM / PCM Power Relay Sense Circuit  
P0689 ECM / PCM Power Relay Sense Circuit Low  
P068A ECM /PCM Power Relay De- Energized - Too Early  
P068B ECM /PCM Power Relay De- Energized - Too Late  
P068C Cylinder 7 Glow Plug Circuit Low  
P068D Cylinder 7 Glow Plug Circuit High  
P068E Cylinder 8 Glow Plug Circuit Low  
P068F Cylinder 8 Glow Plug Circuit High  
P0690 ECM / PCM Power Relay Sense Circuit High  
P0691 Transmission solenoid 1 fault  
P0692 Transmission solenoid 2 fault  
P0693 Transmission solenoid 3 fault  
P0694 Transmission solenoid 4 fault  
P0695 Fan 3 Control Circuit Low  
P0696 Fan 3 Control Circuit High  
P0697 Sensor Reference Voltage C Circuit / Open  
P0698 Sensor Reference Voltage C Circuit Low  
P0699 Sensor Reference Voltage C Circuit High  
P069A Cylinder 9 Glow Plug Circuit Low  
P069B Cylinder 9 Glow Plug Circuit High  
P069C Cylinder 10 Glow Plug Circuit Low  
P069D Cylinder 10 Glow Plug Circuit High  
P069E Fuel Pump Control Module Requested MIL Illumination  
P069F Throttle Actuator Control Lamp Control Circuit  
P06A0 Variable A/C Compressor Control Circuit  
P06A1 Variable A/C Compressor Control Circuit Low  
P06A2 Variable A/C Compressor Control Circuit High  
P06A3 Sensor Reference Voltage D Circuit/Open  
P06A4 Sensor Reference Voltage D Circuit Low  
P06A5 Sensor Reference Voltage D Circuit High  
P06A6 Sensor Reference Voltage A Circuit Range/ Performance  
P06A7 Sensor Reference Voltage B Circuit Range/ Performance  
P06A8 Sensor Reference Voltage C Circuit Range/ Performance  
P06A9 Sensor Reference Voltage D Circuit Range/ Performance  
P06AA PCM / ECM /TCM Internal Temperature B Too High  
P06AB PCM / ECM /TCM Internal Temperature Sensor B Circuit  
P06AC PCM / ECM /TCM Internal Temperature Sensor B Range/ Performance  
P06AD PCM / ECM /TCM Internal Temperature Sensor B Circuit Low  
P06AE PCM / ECM /TCM Internal Temperature Sensor B Circuit High  
P06AF Torque Management System - Forced Engine Shutdown  
P06B0 Sensor Power Supply A Circuit Open  
P06B1 Sensor Power Supply A Circuit Low  
P06B2 Sensor Power Supply A Circuit High  
P06B3 Sensor Power Supply B Circuit Open  
P06B4 Sensor Power Supply B Circuit Low  
P06B5 Sensor Power Supply B Circuit High  
P06B6 Internal Control Module Knock Sensor Processor 1 Performance  
P06B7 Internal Control Module Knock Sensor Processor 2 Performance  
P06B8 Internal Control Module Non- Volatile Random Access Memory (NVRAM) Error  
P0700 Transmission Control System malfunction  
P0701 Transmission Control System - range/ Performance  
P0702 Transmission Control System - electrical  
P0703 BOO Switch circuit fault  
P0704 Clutch switch input circuit malfunction

P0705 TR Sensor circuit in range fault  
P0706 PRNDL circuit range/performance problem  
P0707 TR Sensor Circuit Low Input  
P0708 TR sensor circuit High input  
P0709 Transmission Range Sensor Circuit Intermittent  
P070A Transmission Fluid Level Sensor Circuit  
P070B Transmission Fluid Level Sensor Circuit Range/ Performance  
P070C Transmission Fluid Level Sensor Circuit Low  
P070D Transmission Fluid Level Sensor Circuit High  
P070E Transmission Fluid Level Sensor Circuit Intermittent/ Erratic  
P070F Transmission Fluid Level Too Low  
P0710 TFT circuit range/performance problem  
P0711 TFT circuit range/performance problem  
P0712 TFT Sensor Circuit Low Voltage Input  
P0713 TFT Sensor Circuit High Voltage Input  
P0714 Transmission Fluid Temperature Sensor A Circuit Intermittent  
P0715 Turbine Speed sensor circuit malfunction  
P0716 Turbine/ Input Shaft Speed Sensor A Circuit Range/ Performance  
P0717 Turbine speed sensor circuit no signal  
P0718 Turbine Speed sensor circuit intermittent  
P0719 Brake Switch B Input Circuit Low  
P071A Transmission Mode Switch A Circuit  
P071B Transmission Mode Switch A Circuit Low  
P071C Transmission Mode Switch A Circuit High  
P071D Transmission Mode Switch B Circuit  
P071E Transmission Mode Switch B Circuit Low  
P071F Transmission Mode Switch B Circuit High  
P0720 OSS Sensor Circuit fault  
P0721 OSS Sensor Circuit performance fault  
P0722 Output Shaft Speed Sensor No Signal  
P0723 OSS Sensor Circuit fault  
P0724 Brake Switch B Input Circuit High  
P0725 PIP circuit fault  
P0726 Engine Speed Input Circuit Range/ Performance  
P0727 Engine Speed Input Circuit No Signal  
P0728 Engine Speed Input Circuit Intermittent  
P0729 Gear 6 Incorrect Ratio  
P072A Stuck in Neutral  
P072B Stuck in Reverse  
P072C Stuck in Gear 1  
P072D Stuck in Gear 2  
P072E Stuck in Gear 3  
P072F Stuck in Gear 4  
P0730 Incorrect gear ratio - gear control malfunction  
P0731 Transmission Gear #1 incorrect ratio  
P0732 Transmission Gear #2 incorrect ratio  
P0733 Transmission Gear #3 incorrect ratio  
P0734 Transmission Gear #4 incorrect ratio  
P0735 Transmission Gear #5 incorrect ratio  
P0736 Reverse incorrect ratio  
P0737 TCM Engine Speed Output Circuit  
P0738 TCM Engine Speed Output Circuit Low  
P0739 TCM Engine Speed Output Circuit High  
P073A Stuck in Gear 5



P073B Stuck in Gear 6  
P073C Stuck in Gear 7  
P073D Unable to Engage Neutral  
P073E Unable to Engage Reverse  
P073F Unable to Engage Gear 1  
P0740 TCC circuit fault  
P0741 TCC system performance.torque converter slip is greater than expected  
P0742 TCC - system stuck on  
P0743 TCC circuit indicated the solenoid as on (low voltage) when requested OFF (high voltage)  
P0744 TCC control circuit high  
P0745 EPC circuit fault  
P0746 EPC low pressure circuit fault  
P0747 Pressure control solenoid stuck on  
P0748 EPS A electrical (VPS)  
P0749 Pressure Control Solenoid A Intermittent  
P074A Unable to Engage Gear 2  
P074B Unable to Engage Gear 3  
P074C Unable to Engage Gear 4  
P074D Unable to Engage Gear 5  
P074E Unable to Engage Gear 6  
P074F Unable to Engage Gear 7  
P0750 Shift Solenoid #1 Electrical fault  
P0751 Shift Solenoid A Performance or Stuck off  
P0752 Shift solenoid A performance or stuck on  
P0753 Shift Solenoid A Electrical  
P0754 SSA Intermittent  
P0755 Shift Solenoid #2 Electrical fault  
P0756 Shift Solenoid B Performance or Stuck Off  
P0757 Shift Solenoid B Performance or Stuck On  
P0758 SSB control circuit electrical failure  
P0759 SSB Intermittent  
P075A SSG Fault  
P075B SSG Performance or Stuck Off  
P075C SSG Stuck On  
P075D SSG Electrical  
P075E SSG Intermittent  
P075F Transmission Fluid Level Too High  
P0760 Shift Solenoid #3 Electrical fault  
P0761 Shift Solenoid C Performance or Stuck Off  
P0762 Shift solenoid C performance or stuck on  
P0763 Shift Solenoid C Electrical  
P0764 SSC Intermittent  
P0765 CCS Electrical fault  
P0766 Shift Solenoid D Performance or Stuck Off  
P0767 Shift solenoid #4 stuck on  
P0768 Shift Solenoid D Electrical  
P0769 SSD Intermittent  
P076A SSH Fault  
P076B SSH Performance or Stuck Off  
P076C SSH Stuck On  
P076D SSH Electrical  
P076E SSH Intermittent  
P076F Gear 7 Ratio Incorrect  
P0770 Solenoid E malfunction

P0771 Shift Solenoid E Performance  
P0772 Shift solenoid #5 stuck on  
P0773 Shift Solenoid E Electrical Malfunction  
P0774 SSE Intermittent  
P0775 Pressure Control Solenoid B malfunction  
P0776 Pressure Control Solenoid B Performance or Stuck Off  
P0777 Pressure Control Solenoid B Stuck On  
P0778 Pressure Control Solenoid B Electrical  
P0779 Pressure Control Solenoid B Intermittent  
P077A Output Speed Sensor Circuit - Loss of Direction Signal  
P077B Output Speed Sensor Circuit - Direction Error  
P0780 Shift malfunction  
P0781 1- 2 Shift Error  
P0782 2- 3 Shift Error  
P0783 3- 4 Shift Error  
P0784 4- 5 Shift Error  
P0785 CANP Circuit Failure  
P0786 PERF.Indicator Light Output Is Faulty  
P0787 Fuel Pump Primary Circuit Failure  
P0788 A/C Control Relay Output Is Faulty  
P0789 RECIRC.Over-Ride Output Is Fautly  
P078A Shift Timing Solenoid B  
P078B Shift Timing Solenoid B Range/ Performance  
P078C Shift Timing Solenoid B Low  
P078D Shift Timing Solenoid B High  
P078E Shift Timing Solenoid B Intermittent  
P0790 Normal/ Performance Switch Circuit Malfunction  
P0791 Intermediate Shaft Speed Sensor Circuit fault  
P0792 Electro Drive Fan 2 Output Is Faulty  
P0793 Intermediate Shaft Speed Sensor Circuit fault  
P0794 Intermediate Shaft Speed Sensor Circuit Intermittent  
P0795 Pressure Control Solenoid C fault  
P0796 Pressure Control Solenoid C Performance or Stuck Off  
P0797 Pressure Control Solenoid C Stuck On  
P0798 Pressure Control Solenoid C Electrical  
P0799 Pressure Control Solenoid C Intermittent  
P079A Transmission Friction Element A Slip Detected  
P079B Transmission Friction Element B Slip Detected  
P079C Transmission Friction Element C Slip Detected  
P079D Transmission Friction Element D Slip Detected  
P079E Transmission Friction Element E Slip Eetected  
P079F Transmission Friction Element F Slip Eetected  
P07A0 Transmission Friction Element G-Slip Eetected  
P07A1 Transmission Friction Element H-Slip Eetected  
P0800 Transfer Case Control System ( MIL Request)  
P0801 Reverse Inhibit Control Circuit  
P0802 Transmission Control System MIL Request Circuit Open  
P0803 1- 4 up shift (skip shift) solenoid circuit  
P0804 1- 4 up shift (skip shift) lamp control circuit  
P0805 Clutch position sensor circuit malfunction  
P0806 Clutch position sensor circuit range/ performance  
P0807 Clutch Position Sensor Circuit Low  
P0808 Clutch Position Sensor Circuit High  
P0809 Clutch position sensor circuit intermittent

P080A Clutch Position Not Learned  
P080B Upshift / Skip Shift Solenoid Control Circuit Range/ Performance  
P080C Upshift / Skip Shift Solenoid Control Circuit Low  
P080D Upshift / Skip Shift Solenoid Control Circuit High  
P0810 Clutch position control error  
P0811 Excessive clutch slippage  
P0812 Reverse Input Circuit  
P0813 Reverse Output Circuit  
P0814 Transmission Range Display Circuit  
P0815 Upshift Switch Circuit  
P0816 Downshift Switch Circuit  
P0817 Starter disable circuit  
P0818 Driveline Disconnect Switch Input Circuit  
P0819 Up and Down Shift Switch to Transmission Range Correlation  
P081A Starter Disable Circuit Low  
P081B Starter Disable Circuit High  
P081C Park Input Circuit  
P081D Neutral Input Circuit  
P081E Excessive Clutch B Slippage  
P0820 Gear Lever X- Y Position Sensor Circuit  
P0821 Gear Lever X Position Sensor Circuit  
P0822 Gear Lever Y Position Sensor Circuit  
P0823 Gear Lever X Position Sensor Circuit Intermittent  
P0824 Gear Lever Y Position Sensor Circuit Intermittent  
P0825 Gear Lever Push/ Pull Switch Circuit (Shift Anticipate)  
P0826 Up and Down Switch Circuit  
P0827 Up and Down Switch Input Circuit Low  
P0828 Up and Down Switch Input Circuit High  
P0829 5- 6 Shift  
P082A Gear Lever X Position Sensor Circuit Range/ Performance  
P082B Gear Lever X Position Sensor Circuit Low  
P082C Gear Lever X Position Sensor Circuit High  
P082D Gear Lever Y Position Sensor Circuit Range/ Performance  
P082E Gear Lever Y Position Sensor Circuit Low  
P082F Gear Lever Y Position Sensor Circuit High  
P0830 Clutch Pedal Switch A Circuit  
P0831 Clutch Pedal Switch A Circuit Low  
P0832 Clutch Pedal Switch A Circuit High  
P0833 Clutch Pedal Switch B Circuit  
P0834 Clutch Pedal Switch B Circuit Low  
P0835 Clutch Pedal Switch B Circuit High  
P0836 4WD Switch Circuit  
P0837 The evaporator temperature voltage is too low.  
P0838 The evaporator temperature voltage is too high.  
P0839 4WD Switch Circuit High  
P083A Transmission Fluid Pressure Sensor/ Switch G Circuit  
P083B Transmission Fluid Pressure Sensor/ Switch G Circuit Range/ Performance  
P083C Transmission Fluid Pressure Sensor/ Switch G Circuit Low  
P083D Transmission Fluid Pressure Sensor/ Switch G Circuit High  
P083E Transmission Fluid Pressure Sensor/ Switch G Circuit Intermittent  
P083F Clutch Pedal Switch A / B Correlation  
P0840 Transmission Fluid Pressure Sensor/ Switch A Circuit  
P0841 Transmission Fluid Pressure Sensor/ Switch A Circuit Range/ Performance  
P0842 Transmission Fluid Pressure Sensor/ Switch A Circuit Low

P0843 Transmission Fluid Pressure Sensor/ Switch A Circuit High  
P0844 Transmission Fluid Pressure Sensor/ Switch A Circuit  
P0845 Transmission Fluid Pressure Sensor/ Switch B Circuit Range/ Performance  
P0846 Transmission Fluid Pressure Sensor/ Switch B Circuit Range/ Performance  
P0847 Transmission Fluid Pressure Sensor/ Switch B Circuit Low  
P0848 Transmission Fluid Pressure Sensor/ Switch B Circuit High  
P0849 Transmission Fluid Pressure Sensor/ Switch B Circuit Intermittent  
P084A Transmission Fluid Pressure Sensor/ Switch H Circuit  
P084B Transmission Fluid Pressure Sensor/ Switch H Circuit Range/ Performance  
P084C Transmission Fluid Pressure Sensor/ Switch H Circuit Low  
P084D Transmission Fluid Pressure Sensor/ Switch H Circuit High  
P084E Transmission Fluid Pressure Sensor/ Switch H Circuit Intermittent  
P084F Park/ Neutral Switch Output Circuit  
P0850 Neutral switch circuit malfunction  
P0851 Park / Neutral Switch Input Circuit Low  
P0852 Park / Neutral Switch Input Circuit High  
P0853 Drive Switch Circuit  
P0854 Drive Switch Input Circuit Low  
P0855 Drive Switch Input Circuit High  
P0856 Traction Control Input Signal  
P0857 Traction control input signal range/ performance  
P0858 Traction Control Input Signal Low  
P0859 Traction Control Input Signal High  
P085A Gear Shift Module B Communication Circuit  
P085B Gear Shift Module B Communication Circuit Low  
P085C Gear Shift Module B Communication Circuit High  
P085D Gearshift Control Module A Performance  
P085E Gearshift Control Module B Performance  
P0860 Gear Shift Module Communication Circuit  
P0861 Gear Shift Module Communication Circuit Low  
P0862 Gear Shift Module Communication Circuit High  
P0863 TCM Communication Circuit  
P0864 TCM Communication Circuit Range/ Performance  
P0865 TCM Communication Circuit Low  
P0866 TCM Communication Circuit High  
P0867 Transmission Fluid Pressure  
P0868 Transmission Fluid Pressure Low  
P0869 Transmission Fluid Pressure High  
P0870 Transmission Fluid Pressure Sensor/ Switch C Circuit  
P0871 Transmission Fluid Pressure Sensor/ Switch C Circuit Range/ Performance  
P0872 Transmission Fluid Pressure Sensor/ Switch C Circuit Low  
P0873 Transmission Fluid Pressure Sensor/ Switch C Circuit High  
P0874 Transmission Fluid Pressure Sensor/ Switch C Circuit Intermittent  
P0875 Transmission Fluid Pressure Sensor/ Switch D Circuit  
P0876 Transmission Fluid Pressure Sensor/ Switch D Circuit Range/ Performance  
P0877 Transmission Fluid Pressure Sensor/ Switch D Circuit Low  
P0878 Transmission Fluid Pressure Sensor/ Switch D Circuit High  
P0879 Transmission Fluid Pressure Sensor/ Switch D Circuit Intermittent  
P0880 TCM Power Input Signal  
P0881 TCM Power Input Signal Range/ Performance  
P0882 TCM Power Input Signal Low  
P0883 TCM Power Input Signal High  
P0884 TCM Power Input Signal Intermittent  
P0885 TCM power relay control

P0886 TCM Power Relay Control Circuit Low  
P0887 TCM Power Relay Control Circuit High  
P0888 TCM Power Relay Sense Circuit  
P0889 TCM Power Relay Sense Circuit Range/ Performance  
P088A Transmission Fluid Filter Deteriorated  
P088B Transmission Fluid Filter Very Deteriorated  
P0890 TCM Power Relay Sense Circuit Low  
P0891 TCM Power Relay Sense Circuit High  
P0892 TCM Power Relay Sense Circuit Intermittent  
P0893 Multiple Gears Engaged  
P0894 Transmission Component Slipping  
P0895 Shift Time Too Short  
P0896 Shift Time Too Long  
P0897 Transmission Fluid Deteriorated  
P0898 Transmission Control System MIL Request Circuit Low  
P0899 Transmission Control System MIL Request Circuit High  
P0900 Clutch Actuator Circuit Open  
P0901 Clutch Actuator Circuit Range or Performance  
P0902 Clutch Actuator Circuit Low  
P0903 Clutch Actuator Circuit High  
P0904 Gate select position circuit  
P0905 Gate select position circuit range/ performance  
P0906 Gate Select Position Circuit Low  
P0907 Gate Select Position Circuit High  
P0908 Gate Select Position Circuit Intermittent  
P0909 Gate select position control error  
P0910 Gate Select Actuator Circuit Open (Left / Right Motion)  
P0911 Gate Select Actuator Circuit Range or Performance  
P0912 Gate Select Actuator Circuit Low  
P0913 Gate Select Actuator Circuit High  
P0914 Gear shift position sensor circuit  
P0915 Gear shift position sensor circuit range/ performance  
P0916 Gear Shift Position Circuit Low  
P0917 Gear Shift Position Circuit High  
P0918 Gear Shift Position sensor Circuit Intermittent  
P0919 Gear shift position control error  
P0920 Gear Shift Forward Actuator Circuit Open (Forward Motion, Odd Gears, 1,3,5)  
P0921 Gear Shift Forward Actuator Circuit Range/ Performance  
P0922 Gear Shift Forward Actuator Circuit Low  
P0923 Gear Shift Forward Actuator Circuit High  
P0924 Gear Shift Reverse Actuator Circuit Open (Rearward Motion, Even Gears, 2,4,6)  
P0925 Gear Shift Reverse Actuator Circuit Range/ Performance  
P0926 Gear Shift Reverse Actuator Circuit Low  
P0927 Gear Shift Reverse Actuator Circuit High  
P0928 Gear Shift Lock Solenoid Circuit Open  
P0929 Gear Shift Lock Solenoid Circuit Range/ Performance  
P092A Gearshift Lock Solenoid / Actuator Circuit B Open  
P092B Gearshift Lock Solenoid/ Actuator Circuit B Range/ Performance  
P092C Gearshift Lock Solenoid/ Actuator Circuit B Low  
P092D Gearshift Lock Solenoid/ Actuator Circuit B High  
P0930 Gear Shift Lock Solenoid Circuit Low  
P0931 Gear Shift Lock Solenoid Circuit High  
P0932 Hydraulic Pressure Sensor Circuit  
P0933 Hydraulic pressure sensor range/ performance

P0934 Hydraulic Pressure Sensor Circuit Low Input  
P0935 Hydraulic Pressure Sensor Circuit High Input  
P0936 Hydraulic Pressure Sensor Circuit Intermittent  
P0937 Hydraulic Oil Temperature Sensor Circuit  
P0938 Hydraulic Oil Temperature Sensor Range/ Performance  
P0939 Hydraulic Oil Temperature Sensor Circuit Low Input  
P0940 Hydraulic Oil Temperature Sensor Circuit High Input  
P0941 Hydraulic Oil Temperature Sensor Circuit Intermittent  
P0942 Hydraulic Pressure Unit  
P0943 Hydraulic pressure unit cycling period too short  
P0944 Hydraulic pressure unit loss of pressure  
P0945 Hydraulic Pump Relay Circuit / Open  
P0946 Hydraulic Pump Relay Circuit Range/ Performance  
P0947 Hydraulic Pump Relay Circuit Low  
P0948 Hydraulic Pump Relay Circuit High  
P0949 ASM adaptive learning not complete  
P0950 ASM Control Circuit (Up , Down , Auto , etc)  
P0951 ASM Control Circuit Range/ Performance  
P0952 ASM Control Circuit Low  
P0953 ASM Control Circuit High  
P0954 ASM Control Circuit Intermittent  
P0955 ASM Mode Circuit (Perf , Winter , Sport , etc)  
P0956 ASM mode circuit range/ performance  
P0957 ASM Mode Circuit Low  
P0958 ASM Mode Circuit High  
P0959 ASM Mode Circuit Intermittent  
P0960 LPC Circuit Open  
P0961 Pressure Control Solenoid A Control Circuit Range or Performance  
P0962 LPC Control Circuit Low  
P0963 LPC Control Circuit High  
P0964 Pressure Control Solenoid B Control Circuit Open  
P0965 Pressure Control Solenoid B Control Circuit Range or Performance  
P0966 Pressure Control Solenoid B Control Circuit Low  
P0967 Pressure Control Solenoid B Control Circuit High  
P0968 Pressure Control Solenoid C Control Circuit Open  
P0969 Pressure Control Solenoid C Control Circuit Range or Performance  
P0970 Pressure Control Solenoid C Control Circuit Low  
P0971 Pressure Control Solenoid C Control Circuit High  
P0972 Shift Solenoid A Control Circuit Range/Performance  
P0973 SSA Control Circuit Low  
P0974 SSA Control Circuit High  
P0975 Shift Solenoid B Control Circuit Range/Performance  
P0976 SSB Control Circuit Low  
P0977 SSB Control Circuit High  
P0978 Shift Solenoid C Control Circuit Range/Performance  
P0979 SSC Control Circuit Low  
P0980 SSC Control Circuit High  
P0981 Shift Solenoid D Control Circuit Range/Performance  
P0982 SSD Control Circuit Low  
P0983 SSD Control Circuit High  
P0984 Shift Solenoid E Control Circuit Range/Performance  
P0985 SSE Control Circuit Low  
P0986 SSE Control Circuit High  
P0987 Transmission Fluid Pressure Sensor/ Switch E Circuit

P0988 Transmission Fluid Pressure Sensor/ Switch E Circuit Range/ Performance  
P0989 Transmission Fluid Pressure Sensor/ Switch E Circuit Low  
P0990 Transmission Fluid Pressure Sensor/ Switch E Circuit High  
P0991 Transmission Fluid Pressure Sensor/ Switch E Circuit Intermittent  
P0992 Transmission Fluid Pressure Sensor/ Switch F Circuit  
P0993 Transmission Fluid Pressure Sensor/ Switch F Circuit Range/ Performance  
P0994 Transmission Fluid Pressure Sensor/ Switch F Circuit Low  
P0995 Transmission Fluid Pressure Sensor/ Switch F Circuit High  
P0996 Transmission Fluid Pressure Sensor/ Switch F Circuit Intermittent  
P0997 Shift Solenoid F Control Circuit Range/Performance  
P0998 ER test error  
P0999 Shift Solenoid F Control Circuit High  
P099A Shift Solenoid G Control Circuit Range/ Performance  
P099B Shift Solenoid G Control Circuit Low  
P099C Shift Solenoid G Control Circuit High  
P099D Shift Solenoid H Control Circuit Range/ Performance  
P099E Shift Solenoid H Control Circuit Low  
P099F Shift Solenoid H Control Circuit High  
P0A00 Motor Electronics Coolant Temperature Sensor Circuit  
P0A01 Motor Electronics Coolant Temperature Sensor Circuit Range/ Performance  
P0A02 Motor Electronics Coolant Temperature Sensor Circuit Low  
P0A03 Motor Electronics Coolant Temperature Sensor Circuit High  
P0A04 Motor Electronics Coolant Temperature Sensor Circuit Intermittent  
P0A05 Motor Electronics Coolant Pump Control Circuit / Open  
P0A06 Motor Electronics Coolant Pump Control Circuit Low  
P0A07 Motor Electronics Coolant Pump Control Circuit High  
P0A08 DC/DC Converter Fault Circuit Open  
P0A09 DC/DC Converter Fault Circuit Low  
P0A0A High Voltage System Inter- lock Circuit  
P0A0B High Voltage System Inter- lock Circuit Performance  
P0A0C High Voltage System Inter- lock Circuit Low  
P0A0D High Voltage System Inter- lock Circuit High  
P0A0E High Voltage System Inter- lock Circuit Intermittent  
P0A0F Engine Failed to Start  
P0A10 DC/DC Converter Fault Circuit High  
P0A11 DC/DC Converter Enable Circuit Open  
P0A12 DC/DC Converter Enable Circuit Low  
P0A13 DC/DC Converter Enable Circuit High  
P0A14 Engine Mount Control Circuit Open  
P0A15 Engine Mount Control Circuit Low  
P0A16 Engine Mount Control Circuit High  
P0A17 Motor Torque Sensor Circuit  
P0A18 Motor Torque Sensor Circuit Range/ Performance  
P0A19 Motor Torque Sensor Circuit Low  
P0A1A Generator Control Module  
P0A1B Drive Motor A Control Module  
P0A1C Drive Motor B Control Module  
P0A1D Hybrid Powertrain Control Module  
P0A1E Starter/ Generator Control Module  
P0A1F Battery Energy Control Module  
P0A20 Motor Torque Sensor Circuit High  
P0A21 Motor Torque Sensor Circuit Intermittent  
P0A22 Generator Torque Sensor Circuit  
P0A23 Generator Torque Sensor Circuit Range/ Performance

P0A24 Generator Torque Sensor Circuit Low  
P0A25 Generator Torque Sensor Circuit High  
P0A26 Generator Torque Sensor Circuit Intermittent  
P0A27 Battery Power Off Circuit  
P0A28 Battery Power Off Circuit Low  
P0A29 Battery Power Off Circuit High  
P0A2A Drive Motor A Temperature Sensor Circuit  
P0A2B Drive Motor A Temperature Sensor Circuit Range/ Performance  
P0A2C Drive Motor A Temperature Sensor Circuit Low  
P0A2D Drive Motor A Temperature Sensor Circuit High  
P0A2E Drive Motor A Temperature Sensor circuit Intermittent  
P0A2F Drive Motor A Over Temperature  
P0A30 Drive Motor B Temperature Sensor Circuit  
P0A31 Drive Motor B Temperature Sensor Circuit Range/ Performance  
P0A32 Drive Motor B Temperature Sensor Circuit Low  
P0A33 Drive Motor B Temperature Sensor Circuit High  
P0A34 Drive Motor B Temperature Sensor Circuit Intermittent  
P0A35 Drive Motor B Over Temperature  
P0A36 Generator Temperature Sensor Circuit  
P0A37 Generator Temperature Sensor Circuit Range/ Performance  
P0A38 Generator Temperature Sensor Circuit Low  
P0A39 Generator Temperature Sensor Circuit High  
P0A3A Generator Temperature Sensor Circuit Intermittent  
P0A3B Generator Over Temperature  
P0A3C Drive Motor A Inverter Over Temperature  
P0A3D Drive Motor B Inverter Over Temperature  
P0A3E Generator Inverter Over Temperature  
P0A3F Drive Motor A Position Sensor Circuit  
P0A40 Drive Motor A Position Sensor Circuit Range/ Performance  
P0A41 Drive Motor A Position Sensor Circuit Low  
P0A42 Drive Motor A Position Sensor Circuit High  
P0A43 Drive Motor A Position Sensor Circuit Intermittent  
P0A44 Drive Motor A Position Sensor Circuit Overspeed  
P0A45 Drive Motor B Position Sensor Circuit  
P0A46 Drive Motor B Position Sensor Circuit Range/ Performance  
P0A47 Drive Motor B Position Sensor Circuit Low  
P0A48 Drive Motor B Position Sensor Circuit High  
P0A49 Drive Motor B Position Sensor Circuit Intermittent  
P0A4A Drive Motor B Position Sensor Circuit Overspeed  
P0A4B Generator Position Sensor Circuit  
P0A4C Generator Position Sensor Circuit Range/ Performance  
P0A4D Generator Position Sensor Circuit Low  
P0A4E Generator Position Sensor Circuit High  
P0A4F Generator Position Sensor Circuit Intermittent  
P0A50 Generator Position Sensor Circuit Overspeed  
P0A51 Drive Motor A Current Sensor Circuit  
P0A52 Drive Motor A Current Sensor Circuit Range/ Performance  
P0A53 Drive Motor A Current Sensor Circuit Low  
P0A54 Drive Motor A Current Sensor Circuit High  
P0A55 Drive Motor B Current Sensor Circuit  
P0A56 Drive Motor B Current Sensor Circuit Range/ Performance  
P0A57 Drive Motor B Current Sensor Circuit Low  
P0A58 Drive Motor B Current Sensor Circuit High  
P0A59 Generator Current Sensor Circuit



P0A5A Generator Current Sensor Circuit Range/ Performance  
P0A5B Generator Current Sensor Circuit Low  
P0A5C Generator Current Sensor Circuit High  
P0A5D Drive Motor A Phase U Current  
P0A5E Drive Motor A Phase U Current Low  
P0A5F Drive Motor A Phase U Current High  
P0A60 Drive Motor A Phase V Current  
P0A61 Drive Motor A Phase V Current Low  
P0A62 Drive Motor A Phase V Current High  
P0A63 Drive Motor A Phase W Current  
P0A64 Drive Motor A Phase W Current Low  
P0A65 Drive Motor A Phase W Current High  
P0A66 Drive Motor B Phase U Current  
P0A67 Drive Motor B Phase U Current Low  
P0A68 Drive Motor B Phase U Current High  
P0A69 Drive Motor B Phase V Current  
P0A6A Drive Motor B Phase V Current Low  
P0A6B Drive Motor B Phase V Current High  
P0A6C Drive Motor B Phase W Current  
P0A6D Drive Motor B Phase W Current Low  
P0A6E Drive Motor B Phase W Current High  
P0A6F Generator Phase U Current  
P0A70 Generator Phase U Current Low  
P0A71 Generator Phase U Current High  
P0A72 Generator Phase V Current  
P0A73 Generator Phase V Current Low  
P0A74 Generator Phase V Current High  
P0A75 Generator Phase W Current  
P0A76 Generator Phase W Current Low  
P0A77 Generator Phase W Current High  
P0A78 Drive Motor A Inverter Performance  
P0A79 Drive Motor B Inverter Performance  
P0A7A Generator Inverter Performance  
P0A7B Battery Energy Control Module Requested MIL Illumination  
P0A7C Motor Electronic Over Temperature  
P0A7D Hybrid Battery Pack State of Charge Low  
P0A7E Hybrid Battery Pack Over Temperature  
P0A7F Replace Hybrid Battery Pack Deterioration  
P0A80 Replace Hybrid Battery Pack  
P0A81 Hybrid Battery Pack Cooling Fan Control Circuit  
P0A82 Hybrid Battery Pack Cooling Fan Performance or Stuck Off  
P0A83 Hybrid Battery Pack Cooling Fan Stuck On  
P0A84 Hybrid Battery Pack Cooling Fan Control Circuit Low  
P0A85 Hybrid Battery Pack Cooling Fan Control Circuit High  
P0A86 14 Volt Power Module Current Sensor Circuit  
P0A87 14 Volt Power Module Current Sensor Circuit Range/ Performance  
P0A88 14 Volt Power Module Current Sensor Circuit Low  
P0A89 14 Volt Power Module Current Sensor Circuit High  
P0A8A 14 Volt Power Module Current Sensor Circuit Intermittent  
P0A8B 14 Volt Power Module System Voltage  
P0A8C 14 Volt Power Module System Voltage Unstable  
P0A8D 14 Volt Power Module System Voltage Low  
P0A8E 14 Volt Power Module System Voltage High  
P0A8F 14 Volt Power Module System Voltage Performance

P0A90 Drive Motor A Performance  
P0A91 Drive Motor B Performance  
P0A92 Hybrid Generator Performance  
P0A93 Inverter Cooling System Performance  
P0A94 DC/DC Converter Performance  
P0A95 High Voltage Fuse  
P0A96 Hybrid Battery Pack Cooling Fan 2 Control Circuit  
P0A97 Hybrid Battery Pack Cooling Fan 2 Performance or Stuck Off  
P0A98 Hybrid Battery Pack Cooling Fan 2 Stuck On  
P0A99 Hybrid Battery Pack Cooling Fan 2 Control Circuit On  
P0A9A Hybrid Battery Pack Cooling Fan 2 Control Circuit High  
P0A9B Hybrid Battery Temperature Sensor Circuit  
P0A9C Hybrid Battery Temperature Sensor Circuit Range/ Performance  
P0A9D Hybrid Battery Temperature Sensor Circuit Low  
P0A9E Hybrid Battery Temperature Sensor Circuit High  
P0A9F Hybrid Battery Temperature Sensor Circuit Intermittent/ Erratic  
P0AA0 Hybrid Battery Positive Contactor Circuit  
P0AA1 Hybrid Battery Positive Contactor Circuit Stuck Closed  
P0AA2 Hybrid Battery Positive Contactor Circuit Stuck Open  
P0AA3 Hybrid Battery Negative Contactor Circuit  
P0AA4 Hybrid Battery Negative Contactor Circuit Stuck Closed  
P0AA5 Hybrid Battery Negative Contactor Circuit Stuck Open  
P0AA6 Hybrid Battery Voltage System Isolation Fault  
P0AA7 Hybrid Battery Voltage Isolation Sensor Circuit  
P0AA8 Hybrid Battery Voltage Isolation Sensor Circuit Range/ Performance  
P0AA9 Hybrid Battery Voltage Isolation Sensor Circuit Low  
P0AAA Hybrid Battery Voltage Isolation Sensor Circuit High  
P0AAB Hybrid Battery Voltage Isolation Sensor Circuit Intermittent/ Erratic  
P0AAC Hybrid Battery Pack Air Temperature Sensor A Circuit  
P0AAD Hybrid Battery Pack Air Temperature Sensor A Circuit Range/ Performance  
P0AAE Hybrid Battery Pack Air Temperature Sensor A Circuit Low  
P0AAF Hybrid Battery Pack Air Temperature Sensor A Circuit High  
P0AB0 Hybrid Battery Pack Air Temperature Sensor A Circuit Intermittent/ Erratic  
P0AB1 Hybrid Battery Pack Air Temperature Sensor B Circuit  
P0AB2 Hybrid Battery Pack Air Temperature Sensor B Circuit Range/ Performance  
P0AB3 Hybrid Battery Pack Air Temperature Sensor B Circuit Low  
P0AB4 Hybrid Battery Pack Air Temperature Sensor B Circuit High  
P0AB5 Hybrid Battery Pack Air Temperature Sensor B Circuit Intermittent/ Erratic  
P0AB6 Engine Mount Control B Circuit Open  
P0AB7 Engine Mount Control B Circuit Low  
P0AB8 Engine Mount Control B Circuit High  
P0AB9 Hybrid System Performance  
P0ABA Hybrid Battery Pack Voltage Sense Circuit  
P0ABB Hybrid Battery Pack Voltage Sense Circuit Range / Performance  
P0ABC Hybrid Battery Pack Voltage Sense Circuit Low  
P0ABD Hybrid Battery Pack Voltage Sense Circuit High  
P0ABE Hybrid Battery Pack Voltage Sense Circuit Intermittent / Erratic  
P0ABF Hybrid Battery Pack Current Sensor Circuit Open  
P0AC0 Hybrid Battery Pack Current Sensor Circuit Range / Performance  
P0AC1 Hybrid Battery Pack Current Sensor Circuit Low  
P0AC2 Hybrid Battery Pack Current Sensor Circuit High  
P0AC3 Hybrid Battery Pack Current Sensor Circuit Intermittent / Erratic  
P0AC4 Hybrid PCM Requested MIL Illumination  
P0AC5 Hybrid Battery Temperature Sensor B Circuit

P0AC6 Hybrid Battery Temperature Sensor B Circuit Range/ Performance  
 P0AC7 Hybrid Battery Temperature Sensor B Circuit Low  
 P0AC8 Hybrid Battery Temperature Sensor B Circuit High  
 P0AC9 Hybrid Battery Temperature Sensor B Circuit Intermittent/ Erratic  
 P0ACA Hybrid Battery Temperature Sensor C Circuit  
 P0ACB Hybrid Battery Temperature Sensor C Circuit Range/ Performance  
 P0AC C Hybrid Battery Temperature Sensor C Circuit Low  
 P0AC D Hybrid Battery Temperature Sensor C Circuit High  
 P0ACE Hybrid Battery Temperature Sensor C Circuit Intermittent/ Erratic  
 P0ACF Hybrid Battery Pack Cooling Fan 3 Control Circuit  
 P0AD0 Hybrid Battery Pack Cooling Fan 3 Performance or Stuck Off  
 P0AD1 Hybrid Battery Pack Cooling Fan 3 Stuck On  
 P0AD2 Hybrid Battery Pack Cooling Fan 3 Control Circuit Low  
 P0AD3 Hybrid Battery Pack Cooling Fan 3 Control Circuit High  
 P0AD4 Hybrid Battery Pack Air Flow System Insufficient Air Flow  
 P0AD5 Hybrid Battery Pack Air Flow Valve A Control Circuit/ Open  
 P0AD6 Hybrid Battery Pack Air Flow Valve A Control Circuit Range/ Performance  
 P0AD7 Hybrid Battery Pack Air Flow Valve A Control Circuit Low  
 P0AD8 Hybrid Battery Pack Air Flow Valve A Control Circuit High  
 P0AD9 Hybrid Battery Positive Contactor Control Circuit/ Open  
 P0ADA Hybrid Battery Positive Contactor Control Circuit Range/ Performance  
 P0ADB Hybrid Battery Positive Contactor Control Circuit Low  
 P0AD C Hybrid Battery Positive Contactor Control Circuit High  
 P0AD D Hybrid Battery Negative Contactor Control Circuit/ Open  
 P0ADE Hybrid Battery Negative Contactor Control Circuit Range/ Performance  
 P0ADF Hybrid Battery Negative Contactor Control Circuit Low  
 P0AE0 Hybrid Battery Negative Contactor Control Circuit High  
 P0AE1 Hybrid Battery Precharge Contactor Circuit  
 P0AE2 Hybrid Battery Precharge Contactor Circuit Stuck Closed  
 P0AE3 Hybrid Battery Precharge Contactor Circuit Stuck Open  
 P0AE4 Hybrid Battery Precharge Contactor Control Circuit  
 P0AE5 Hybrid Battery Precharge Contactor Control Circuit Range/ Performance  
 P0AE6 Hybrid Battery Precharge Contactor Control Circuit Low  
 P0AE7 Hybrid Battery Precharge Contactor Control Circuit High  
 P0AE8 Hybrid Battery Temperature Sensor D Circuit  
 P0AE9 Hybrid Battery Temperature Sensor D Range/ Performance  
 P0AEA Hybrid Battery Temperature Sensor D Circuit Low  
 P0AEB Hybrid Battery Temperature Sensor D Circuit High  
 P0AEC Hybrid Battery Temperature Sensor D Circuit Intermittent/ Erratic  
 P0AED Drive Motor Inverter Temperature Sensor A Circuit  
 P0AEE Drive Motor Inverter Temperature Sensor A Circuit Range/ Performance  
 P0AEF Drive Motor Inverter Temperature Sensor A Circuit Low  
 P0AF0 Drive Motor Inverter Temperature Sensor A Circuit High  
 P0AF1 Drive Motor Inverter Temperature Sensor A Circuit Intermittent/ Erratic  
 P0AF2 Drive Motor Inverter Temperature Sensor B Circuit  
 P0AF3 Drive Motor Inverter Temperature Sensor B Circuit Range/ Performance  
 P0AF4 Drive Motor Inverter Temperature Sensor B Circuit Low  
 P0AF5 Drive Motor Inverter Temperature Sensor B Circuit High  
 P0AF6 Drive Motor Inverter Temperature Sensor B Circuit Intermittent/ Erratic  
 P0AF7 14 Volt Power Module Internal Temperature Too High  
 P0AF8 Hybrid Battery System Voltage

P0AF9 Hybrid Battery System Voltage Unstable  
P0AFA Hybrid Battery System Voltage Low  
P0AFB Hybrid Battery System Voltage High  
P0AFC Hybrid Battery Pack Sensor Module  
P0AFD Hybrid Battery Pack Temperature Too Low  
P0AFE Hybrid Battery System Voltage Too Low for Voltage Step Up Conversion  
P0AFF System Voltage Too Low for Voltage Step Down Conversion  
P0B0E Hybrid Battery Pack Current Sensor B Circuit  
P0B0F Hybrid Battery Pack Current Sensor B Circuit Range/ Performance  
P0B10 Hybrid Battery Pack Current Sensor B Circuit Low  
P0B11 Hybrid Battery Pack Current Sensor B Circuit High  
P0B12 Hybrid Battery Pack Current Sensor B Circuit Intermittent/ Erratic  
P0B13 Hybrid Battery Pack Current Sensor A/ B Correlation  
P0B14 Hybrid Battery Pack Voltage Sense B Circuit  
P0B15 Hybrid Battery Pack Voltage Sense B Circuit Range/ Performance  
P0B16 Hybrid Battery Pack Voltage Sense B Circuit Low  
P0B17 Hybrid Battery Pack Voltage Sense B Circuit High  
P0B18 Hybrid Battery Pack Voltage Sense B Circuit Intermittent / Erratic  
P0B19 Hybrid Battery Pack Voltage Sense C Circuit  
P0B1A Hybrid Battery Pack Voltage Sense C Circuit Range/ Performance  
P0B1B Hybrid Battery Pack Voltage Sense C Circuit Low  
P0B1C Hybrid Battery Pack Voltage Sense C Circuit High  
P0B1D Hybrid Battery Pack Voltage Sense C Circuit Intermittent / Erratic  
P0B1E Hybrid Battery Pack Voltage Sense D Circuit  
P0B1F Hybrid Battery Pack Voltage Sense D Circuit Range/ Performance  
P0B20 Hybrid Battery Pack Voltage Sense D Circuit Low  
P0B21 Hybrid Battery Pack Voltage Sense D Circuit High  
P0B22 Hybrid Battery Pack Voltage Sense D Circuit Intermittent / Erratic  
P0B23 Hybrid Battery A Voltage  
P0B24 Hybrid Battery A Voltage Unstable  
P0B25 Hybrid Battery A Voltage Low  
P0B26 Hybrid Battery A Voltage High  
P0B27 Hybrid Battery B Voltage  
P0B28 Hybrid Battery B Voltage Unstable  
P0B29 Hybrid Battery B Voltage Low  
P0B2A Hybrid Battery B Voltage High  
P0B2B Hybrid Battery C Voltage  
P0B2C Hybrid Battery C Voltage Unstable  
P0B2D Hybrid Battery C Voltage Low  
P0B2E Hybrid Battery C Voltage High  
P0B2F Hybrid Battery D Voltage  
P0B30 Hybrid Battery D Voltage Unstable  
P0B31 Hybrid Battery D Voltage Low  
P0B32 Hybrid Battery D Voltage High  
P0B33 High Voltage Service Disconnect Circuit  
P0B34 High Voltage Service Disconnect Circuit Performance  
P0B35 High Voltage Service Disconnect Circuit Low  
P0B36 High Voltage Service Disconnect Circuit High  
P0B37 High Voltage Service Disconnect Open  
P0B38 Motor Electronics Coolant Pump B Control Circuit Open  
P0B39 Motor Electronics Coolant Pump B Control Circuit Low  
P0B3A Motor Electronics Coolant Pump B Control Circuit High  
P0B3B Hybrid Battery Voltage Sense A Circuit  
P0B3C Hybrid Battery Voltage Sense A Circuit Range/ Performance

P0B3D Hybrid Battery Voltage Sense A Circuit Low  
P0B3E Hybrid Battery Voltage Sense A Circuit High  
P0B3F Hybrid Battery Voltage Sense A Circuit Intermittent/ Erratic  
P0B40 Hybrid Battery Voltage Sense B Circuit  
P0B41 Hybrid Battery Voltage Sense B Circuit Range/ Performance  
P0B42 Hybrid Battery Voltage Sense B Circuit Low  
P0B43 Hybrid Battery Voltage Sense B Circuit High  
P0B44 Hybrid Battery Voltage Sense B Circuit Intermittent/ Erratic  
P0B45 Hybrid Battery Voltage Sense C Circuit  
P0B46 Hybrid Battery Voltage Sense C Circuit Range/ Performance  
P0B47 Hybrid Battery Voltage Sense C Circuit Low  
P0B48 Hybrid Battery Voltage Sense C Circuit High  
P0B4A Hybrid Battery Voltage Sense D Circuit  
P0B4B Hybrid Battery Voltage Sense D Circuit Range/ Performance  
P0B4C Hybrid Battery Voltage Sense D Circuit Low  
P0B4D Hybrid Battery Voltage Sense D Circuit High  
P0B4E Hybrid Battery Voltage Sense D Circuit Intermittent/ Erratic  
P0B4F Hybrid Battery Voltage Sense E Circuit  
P0B50 Hybrid Battery Voltage Sense E Circuit Range/ Performance  
P0B51 Hybrid Battery Voltage Sense E Circuit Low  
P0B52 Hybrid Battery Voltage Sense E Circuit High  
P0B53 Hybrid Battery Voltage Sense E Circuit Intermittent/ Erratic  
P0B54 Hybrid Battery Voltage Sense F Circuit  
P0B55 Hybrid Battery Voltage Sense F Circuit Range/ Performance  
P0B56 Hybrid Battery Voltage Sense F Circuit Low  
P0B57 Hybrid Battery Voltage Sense F Circuit High  
P0B58 Hybrid Battery Voltage Sense F Circuit Intermittent/ Erratic  
P0B59 Hybrid Battery Voltage Sense G Circuit  
P0B5A Hybrid Battery Voltage Sense G Circuit Range/ Performance  
P0B5B Hybrid Battery Voltage Sense G Circuit Low  
P0B5C Hybrid Battery Voltage Sense G Circuit High  
P0B5D Hybrid Battery Voltage Sense G Circuit Intermittent/ Erratic  
P0B5E Hybrid Battery Voltage Sense H Circuit  
P0B5F Hybrid Battery Voltage Sense H Circuit Range/ Performance  
P0B60 Hybrid Battery Voltage Sense H Circuit Low  
P0B61 Hybrid Battery Voltage Sense H Circuit High  
P0B62 Hybrid Battery Voltage Sense H Circuit Intermittent/ Erratic  
P0B63 Hybrid Battery Voltage Sense I Circuit  
P0B64 Hybrid Battery Voltage Sense I Circuit Range/ Performance  
P0B65 Hybrid Battery Voltage Sense I Circuit Low  
P0B66 Hybrid Battery Voltage Sense I Circuit High  
P0B67 Hybrid Battery Voltage Sense I Circuit Intermittent/ Erratic  
P0B68 Hybrid Battery Voltage Sense J Circuit  
P0B69 Hybrid Battery Voltage Sense J Circuit Range/ Performance  
P0B6A Hybrid Battery Voltage Sense J Circuit Low  
P0B6B Hybrid Battery Voltage Sense J Circuit High  
P0B6C Hybrid Battery Voltage Sense J Circuit Intermittent/ Erratic  
P0B6D Hybrid Battery Voltage Sense K Circuit  
P0B6E Hybrid Battery Voltage Sense K Circuit Range/ Performance  
P0B6F Hybrid Battery Voltage Sense K Circuit Low  
P0B70 Hybrid Battery Voltage Sense K Circuit High  
P0B71 Hybrid Battery Voltage Sense K Circuit Intermittent/ Erratic  
P0B72 Hybrid Battery Voltage Sense L Circuit  
P0B73 Hybrid Battery Voltage Sense L Circuit Range/ Performance

P0B74 Hybrid Battery Voltage Sense L Circuit Low  
P0B75 Hybrid Battery Voltage Sense L Circuit High  
P0B76 Hybrid Battery Voltage Sense L Circuit Intermittent/ Erratic  
P0B77 Hybrid Battery Voltage Sense M Circuit  
P0B78 Hybrid Battery Voltage Sense M Circuit Range/ Performance  
P0B79 Hybrid Battery Voltage Sense M Circuit Low  
P0B7A Hybrid Battery Voltage Sense M Circuit High  
P0B7B Hybrid Battery Voltage Sense M Circuit Intermittent/ Erratic  
P0B7C Hybrid Battery Voltage Sense N Circuit  
P0B7D Hybrid Battery Voltage Sense N Circuit Range/ Performance  
P0B7E Hybrid Battery Voltage Sense N Circuit Low  
P0B7F Hybrid Battery Voltage Sense N Circuit High  
P0B80 Hybrid Battery Voltage Sense N Circuit Intermittent/ Erratic  
P0B81 Hybrid Battery Voltage Sense O Circuit  
P0B82 Hybrid Battery Voltage Sense O Circuit Range/ Performance  
P0B83 Hybrid Battery Voltage Sense O Circuit Low  
P0B84 Hybrid Battery Voltage Sense O Circuit High  
P0B85 Hybrid Battery Voltage Sense O Circuit Intermittent/ Erratic  
P0B86 Hybrid Battery Voltage Sense P Circuit  
P0B87 Hybrid Battery Voltage Sense P Circuit Range/ Performance  
P0B88 Hybrid Battery Voltage Sense P Circuit Low  
P0B89 Hybrid Battery Voltage Sense P Circuit High  
P0B8A Hybrid Battery Voltage Sense P Circuit Intermittent/ Erratic  
P0B8B Hybrid Battery Voltage Sense Q Circuit  
P0B8C Hybrid Battery Voltage Sense Q Circuit Range/ Performance  
P0B8D Hybrid Battery Voltage Sense Q Circuit Low  
P0B8E Hybrid Battery Voltage Sense Q Circuit High  
P0B8F Hybrid Battery Voltage Sense Q Circuit Intermittent/ Erratic  
P0B90 Hybrid Battery Voltage Sense R Circuit  
P0B91 Hybrid Battery Voltage Sense R Circuit Range/ Performance  
P0B92 Hybrid Battery Voltage Sense R Circuit Low  
P0B93 Hybrid Battery Voltage Sense R Circuit High  
P0B94 Hybrid Battery Voltage Sense R Circuit Intermittent/ Erratic  
P0B95 Hybrid Battery Voltage Sense S Circuit  
P0B96 Hybrid Battery Voltage Sense S Circuit Range/ Performance  
P0B97 Hybrid Battery Voltage Sense S Circuit Low  
P0B98 Hybrid Battery Voltage Sense S Circuit High  
P0B99 Hybrid Battery Voltage Sense S Circuit Intermittent/ Erratic  
P0B9A Hybrid Battery Voltage Sense T Circuit  
P0B9B Hybrid Battery Voltage Sense T Circuit Range/ Performance  
P0B9C Hybrid Battery Voltage Sense T Circuit Low  
P0B9D Hybrid Battery Voltage Sense T Circuit High  
P0B9E Hybrid Battery Voltage Sense T Circuit Intermittent/ Erratic  
P0B9F Hybrid Battery Voltage Sense U Circuit  
P0BA0 Hybrid Battery Voltage Sense U Circuit Range/ Performance  
P0BA1 Hybrid Battery Voltage Sense U Circuit Low  
P0BA2 Hybrid Battery Voltage Sense U Circuit High  
P0BA3 Hybrid Battery Voltage Sense U Circuit Intermittent/ Erratic  
P0BA4 Hybrid Battery Voltage Sense V Circuit  
P0BA5 Hybrid Battery Voltage Sense V Circuit Range/ Performance  
P0BA6 Hybrid Battery Voltage Sense V Circuit Low  
P0BA7 Hybrid Battery Voltage Sense V Circuit High  
P0BA8 Hybrid Battery Voltage Sense V Circuit Intermittent/ Erratic  
P0BA9 Hybrid Battery Voltage Sense W Circuit

P0BAA Hybrid Battery Voltage Sense W Circuit Range/ Performance  
 P0BAB Hybrid Battery Voltage Sense W Circuit Low  
 P0BAC Hybrid Battery Voltage Sense W Circuit High  
 P0BAD Hybrid Battery Voltage Sense W Circuit Intermittent/ Erratic  
 P0BAE Hybrid Battery Voltage Sense X Circuit  
 P0BAF Hybrid Battery Voltage Sense X Circuit Range/ Performance  
 P0BB0 Hybrid Battery Voltage Sense X Circuit Low  
 P0BB1 Hybrid Battery Voltage Sense X Circuit High  
 P0BB2 Hybrid Battery Voltage Sense X Circuit Intermittent/ Erratic  
 P0BB3 Hybrid Battery Voltage Sense Y Circuit  
 P0BB4 Hybrid Battery Voltage Sense Y Circuit Range/ Performance  
 P0BB5 Hybrid Battery Voltage Sense Y Circuit Low  
 P0BB6 Hybrid Battery Voltage Sense Y Circuit High  
 P0BB7 Hybrid Battery Voltage Sense Y Circuit Intermittent/ Erratic  
 P0BB8 Hybrid Battery Voltage Sense Z Circuit  
 P0BB9 Hybrid Battery Voltage Sense Z Circuit Range/ Performance  
 P0BBA Hybrid Battery Voltage Sense Z Circuit Low  
 P0BBB Hybrid Battery Voltage Sense Z Circuit High  
 P0BBC Hybrid Battery Voltage Sense Z Circuit Intermittent/ Erratic  
 P0BBD Hybrid Battery Pack Voltage Variation Exceeded Limit  
 P0BBE Hybrid Battery Pack Voltage Variation  
 P0BBF Hybrid Battery Pack Cooling Fan Supply Voltage Circuit Open  
 P0BC0 Hybrid Battery Pack Cooling Fan Supply Voltage Circuit Low  
 P0BC1 Hybrid Battery Pack Cooling Fan Supply Voltage Circuit High  
 P0BC2 Hybrid Battery Pack Air Temperature Sensor E Circuit  
 P0BC3 Hybrid Battery Pack Air Temperature Sensor E Circuit Range/ Performance  
 P0BC4 Hybrid Battery Pack Air Temperature Sensor E Circuit Low  
 P0BC5 Hybrid Battery Pack Air Temperature Sensor E Circuit High  
 P0BC6 Hybrid Battery Pack Air Temperature Sensor E Circuit Intermittent/ Erratic  
 P0BC7 Hybrid Battery Pack Cooling Fan Sense Circuit Open  
 P0BC8 Hybrid Battery Pack Cooling Fan Sense Circuit Range/ Performance  
 P0BC9 Hybrid Battery Pack Cooling Fan Sense Circuit Low  
 P0BCA Hybrid Battery Pack Cooling Fan Sense Circuit High  
 P0BCB Hybrid Battery Pack Cooling Fan Sense Circuit Intermittent/ Erratic  
 P0BC  
 C Generator Inverter Temperature Sensor Circuit  
 P0BC  
 D Generator Inverter Temperature Sensor Circuit Range/ Performance  
 P0BCE Generator Inverter Temperature Sensor Circuit Low  
 P0BCF Generator Inverter Temperature Sensor Circuit High  
 P0BD0 Generator Inverter Temperature Sensor Circuit Intermittent/ Erratic  
 P0BD1 Drive Motor Inverter Temperature Sensor C Circuit  
 P0BD2 Drive Motor Inverter Temperature Sensor C Circuit Range/ Performance  
 P0BD3 Drive Motor Inverter Temperature Sensor C Circuit Low  
 P0BD4 Drive Motor Inverter Temperature Sensor C Circuit High  
 P0BD5 Drive Motor Inverter Temperature Sensor C Circuit Intermittent/ Erratic  
 P0BD6 Drive Motor Inverter Temperature Sensor D Circuit  
 P0BD7 Drive Motor Inverter Temperature Sensor D Circuit Range/ Performance  
 P0BD8 Drive Motor Inverter Temperature Sensor D Circuit Low  
 P0BD9 Drive Motor Inverter Temperature Sensor D Circuit High  
 P0BDA Drive Motor Inverter Temperature Sensor D Circuit Intermittent/ Erratic  
 P0BDB Drive Motor Inverter Temperature Sensor E Circuit  
 P0BD  
 C Drive Motor Inverter Temperature Sensor E Circuit Range/ Performance  
 P0BD Drive Motor Inverter Temperature Sensor E Circuit Low

## D

P0BDE Drive Motor Inverter Temperature Sensor E Circuit High  
P0BDF Drive Motor Inverter Temperature Sensor E Circuit Intermittent/ Erratic  
P0BE0 Drive Motor Inverter Temperature Sensor F Circuit  
P0BE1 Drive Motor Inverter Temperature Sensor F Circuit Range/ Performance  
P0BE2 Drive Motor Inverter Temperature Sensor F Circuit Low  
P0BE3 Drive Motor Inverter Temperature Sensor F Circuit High  
P0BE4 Drive Motor Inverter Temperature Sensor F Circuit Intermittent/ Erratic  
P0BE5 Drive Motor A Phase U Current Sensor Circuit  
P0BE6 Drive Motor A Phase U Current Sensor Circuit Range/ Performance  
P0BE7 Drive Motor A Phase U Current Sensor Circuit Low  
P0BE8 Drive Motor A Phase U Current Sensor Circuit High  
P0BE9 Drive Motor A Phase V Current Sensor Circuit  
P0BEA Drive Motor A Phase V Current Sensor Circuit Range/ Performance  
P0BEB Drive Motor A Phase V Current Sensor Circuit Low  
P0BEC Drive Motor A Phase V Current Sensor Circuit High  
P0BED Drive Motor A Phase W Current Sensor Circuit  
P0BEE Drive Motor A Phase W Current Sensor Circuit Range/ Performance  
P0BEF Drive Motor A Phase W Current Sensor Circuit Low  
P0BF0 Drive Motor A Phase W Current Sensor Circuit High  
P0BF1 Drive Motor B Phase U Current Sensor Circuit  
P0BF2 Drive Motor B Phase U Current Sensor Circuit Range/ Performance  
P0BF3 Drive Motor B Phase U Current Sensor Circuit Low  
P0BF4 Drive Motor B Phase U Current Sensor Circuit High  
P0BF5 Drive Motor B Phase V Current Sensor Circuit  
P0BF6 Drive Motor B Phase V Current Sensor Circuit Range/ Performance  
P0BF7 Drive Motor B Phase V Current Sensor Circuit Low  
P0BF8 Drive Motor B Phase V Current Sensor Circuit High  
P0BF9 Drive Motor B Phase W Current Sensor Circuit  
P0BFA Drive Motor B Phase W Current Sensor Circuit Range/ Performance  
P0BFB Drive Motor B Phase W Current Sensor Circuit Low  
P0BFC Drive Motor B Phase W Current Sensor Circuit High  
P0BFD Drive Motor A Phase U- V- W Current Sensor Correlation  
P0BFE Drive Motor B Phase U- V- W Current Sensor Correlation  
P0BFF Drive Motor A Current  
P0C00 Drive Motor A Current Low  
P0C01 Drive Motor A Current High  
P0C02 Drive Motor B Current  
P0C03 Drive Motor B Current Low  
P0C04 Drive Motor B Current High  
P0C05 Drive Motor A Phase U- V- W Circuit Open  
P0C06 Drive Motor A Phase U- V- W Circuit Low  
P0C07 Drive Motor A Phase U- V- W Circuit High  
P0C08 Drive Motor B Phase U- V- W Circuit Open  
P0C09 Drive Motor B Phase U- V- W Circuit Low  
P0C0A Drive Motor B Phase U- V- W Circuit High  
P0C0B Drive Motor A Inverter Power Supply Circuit Open  
P0C0C Drive Motor A Inverter Power Supply Circuit Low  
P0C0D Drive Motor A Inverter Power Supply Circuit High  
P0C0E Drive Motor A Inverter Power Supply Circuit Open  
P0C0F Drive Motor A Inverter Power Supply Circuit Low  
P0C10 Drive Motor A Inverter Power Supply Circuit High  
P0C11 Drive Motor A Inverter Phase U Over- Temperature  
P0C12 Drive Motor A Inverter Phase V Over- Temperature



P0C13 Drive Motor A Inverter Phase W Over- Temperature  
P0C14 Drive Motor B Inverter Phase U Over- Temperature  
P0C15 Drive Motor B Inverter Phase V Over- Temperature  
P0C16 Drive Motor B Inverter Phase W Over- Temperature  
P0C17 Drive Motor A Position Sensor Not Learned  
P0C18 Drive Motor B Position Sensor Not Learned  
P0C19 Drive Motor A Torque Delivered Performance  
P0C1A Drive Motor B Torque Delivered Performance  
P0C1B Auxiliary Transmission Fluid Pump Control Module Internal Temperature Too High  
P0C1C Auxiliary Transmission Fluid Pump Control Module Internal Temperature Sensor Circuit  
P0C1D Auxiliary Transmission Fluid Pump Control Module Internal Temperature Sensor Circuit  
Range/Performance  
P0C1E Auxiliary Transmission Fluid Pump Control Module Internal Temperature Sensor Circuit  
Low  
P0C1F Auxiliary Transmission Fluid Pump Control Module Internal Temperature Sensor Circuit  
High  
P0C20 Auxiliary Transmission Fluid Pump Phase U- V- W Circuit Open  
P0C21 Auxiliary Transmission Fluid Pump Phase U- V- W Circuit Low  
P0C22 Auxiliary Transmission Fluid Pump Phase U- V- W Circuit High  
P0C23 Auxiliary Transmission Fluid Pump Control Module Circuit Open  
P0C24 Auxiliary Transmission Fluid Pump Control Module Circuit Low  
P0C25 Auxiliary Transmission Fluid Pump Control Module Circuit High  
P0C26 Auxiliary Transmission Fluid Pump Motor Current  
P0C27 Auxiliary Transmission Fluid Pump Motor Current Low  
P0C28 Auxiliary Transmission Fluid Pump Motor Current High  
P0C29 Auxiliary Transmission Fluid Pump Driver Circuit Performance  
P0C2A Auxiliary Transmission Fluid Pump Motor Stalled  
P0C2B Auxiliary Transmission Fluid Pump Control Module Feedback Signal  
P0C2C Auxiliary Transmission Fluid Pump Control Module Feedback Signal Range/Performance  
P0C2D Auxiliary Transmission Fluid Pump Control Module Feedback Signal Low  
P0C2E Auxiliary Transmission Fluid Pump Control Module Feedback Signal High  
P0C2F Internal Control Module Drive Motor/ Generator- Engine Speed Sensor Performance  
P0C30 Hybrid Battery Pack State of Charge High  
P0C31 Inverter B Cooling System Performance  
P0C32 Hybrid Battery Cooling System Performance  
P0C33 Hybrid Battery Temperature Sensor F Circuit  
P0C34 Hybrid Battery Temperature Sensor F Circuit Range/ Performance  
P0C35 Hybrid Battery Temperature Sensor F Circuit Low  
P0C36 Hybrid Battery Temperature Sensor F Circuit High  
P0C37 Hybrid Battery Temperature Sensor F Circuit Intermittent/ Erratic  
P0C38 DC/DC Converter Temperature Sensor A Circuit  
P0C39 DC/DC Converter Temperature Sensor A Circuit Range/ Performance  
P0C3A DC/DC Converter Temperature Sensor A Circuit Low  
P0C3B DC/DC Converter Temperature Sensor A Circuit High  
P0C3C DC/DC Converter Temperature Sensor A Circuit Intermittent/ Erratic  
P0C3D DC/DC Converter Temperature Sensor B Circuit  
P0C3E DC/DC Converter Temperature Sensor B Circuit Range/ Performance  
P0C3F DC/DC Converter Temperature Sensor B Circuit Low  
P0C40 DC/DC Converter Temperature Sensor B Circuit High  
P0C41 DC/DC Converter Temperature Sensor B Circuit Intermittent/ Erratic  
P0C42 Hybrid Battery Pack Coolant Temperature Sensor Circuit  
P0C43 Hybrid Battery Pack Coolant Temperature Sensor Circuit Range/ Performance  
P0C44 Hybrid Battery Pack Coolant Temperature Sensor Circuit Low  
P0C45 Hybrid Battery Pack Coolant Temperature Sensor Circuit High  
P0C46 Hybrid Battery Pack Coolant Temperature Sensor Circuit Intermittent/ Erratic

P0C47 Hybrid Battery Pack Coolant Pump Control Circuit Open  
P0C48 Hybrid Battery Pack Coolant Pump Control Circuit Low  
P0C49 Hybrid Battery Pack Coolant Pump Control Circuit High  
P0C4A Hybrid Battery Pack Coolant Pump Control Performance  
P0C4B Hybrid Battery Pack Coolant Pump Supply Voltage Circuit Open  
P0C4C Hybrid Battery Pack Coolant Pump Supply Voltage Circuit Low  
P0C4D Hybrid Battery Pack Coolant Pump Supply Voltage Circuit High  
P0C4E Drive Motor A Position Exceeded Learning Limit  
P0C4F Drive Motor B Position Exceeded Learning Limit  
P0C50 Drive Motor A Position Sensor Circuit A  
P0C51 Drive Motor A Position Sensor Circuit A Range/ Performance  
P0C52 Drive Motor A Position Sensor Circuit A Low  
P0C53 Drive Motor A Position Sensor Circuit A High  
P0C54 Drive Motor A Position Sensor Circuit A Intermittent/ Erratic  
P0C55 Drive Motor A Position Sensor Circuit B  
P0C56 Drive Motor A Position Sensor Circuit B Range/ Performance  
P0C57 Drive Motor A Position Sensor Circuit B Low  
P0C58 Drive Motor A Position Sensor Circuit B High  
P0C59 Drive Motor A Position Sensor Circuit B Intermittent/ Erratic  
P0C5A Drive Motor B Position Sensor Circuit A  
P0C5B Drive Motor B Position Sensor Circuit A Range/ Performance  
P0C5C Drive Motor B Position Sensor Circuit A Low  
P0C5D Drive Motor B Position Sensor Circuit A High  
P0C5E Drive Motor B Position Sensor Circuit A Intermittent/ Erratic  
P0C5F Drive Motor B Position Sensor Circuit B  
P0C60 Drive Motor B Position Sensor Circuit B Range/ Performance  
P0C61 Drive Motor B Position Sensor Circuit B Low  
P0C62 Drive Motor B Position Sensor Circuit B High  
P0C63 Drive Motor B Position Sensor Circuit B Intermittent/ Erratic  
P0C64 Generator Position Sensor Circuit A  
P0C65 Generator Position Sensor Circuit A Range/ Performance  
P0C66 Generator Position Sensor Circuit A Low  
P0C67 Generator Position Sensor Circuit A High  
P0C68 Generator Position Sensor Circuit A Intermittent/ Erratic  
P0C69 Generator Position Sensor Circuit B  
P0C6A Generator Position Sensor Circuit B Range/ Performance  
P0C6B Generator Position Sensor Circuit B Low  
P0C6C Generator Position Sensor Circuit B High  
P0C6D Generator Position Sensor Circuit B Intermittent/ Erratic  
P0C6E Hybrid Battery Temperature Sensor A/ B Correlation  
P0C6F Hybrid Battery Temperature Sensor B/ C Correlation  
P0C70 Hybrid Battery Temperature Sensor C/ D Correlation  
P0C71 Hybrid Battery Temperature Sensor D/ E Correlation  
P0C72 Hybrid Battery Temperature Sensor E/ F Correlation  
P0C73 Motor Electronics Coolant Pump A Control Performance  
P0C74 Motor Electronics Coolant Pump B Control Performance  
P0C75 Hybrid Battery System Discharge Time Too Short  
P0C76 Hybrid Battery System Discharge Time Too Long  
P0C77 Hybrid Battery System Precharge Time Too Short  
P0C78 Hybrid Battery System Precharge Time Too Long  
P0C79 Drive Motor A Inverter Voltage Too High  
P0C7A Drive Motor B Inverter Voltage Too High  
P0C7B Generator Inverter Voltage Too High  
P1000 On-board diagnostis (OBD) systems readiness test not complet

P1001 Test aborted  
P1003 Transmission Range Sensor Circuit Malfunction.  
P1005 Differential Pressure Feedback EGR (DPFE) Sensor Circuit Low Voltage Detected.  
P1008 Evaporative emission control system purge control valve circuit malfunction.  
P1039 This DTC has been reported incorrectly.  
P1045 Tiptronic signal error  
P1065 Module supply voltage out of range  
P1095 Pressure Limiter Operated  
P1100 MAF Sensor Circuit Intermittent  
P1101 MAF Sensor Out Of Self-Test Range  
P1102 MAF sensor voltage indicates a lower air flow than expected.  
P1103 MAF sensor voltage indicates a higher air flow than expected.  
P1104 MAF Sensor Circuit Ground  
P1105 Dual Generator Upper Fault  
P1106 Dual Generator Lower Fault  
P1107 Dual Generator Lower Circuit  
P1108 Dual Alternator Battery Lamp Circuit  
P1109 intake air temperature 2 circuit intermittent  
P1110 IAT circuit fault  
P1111 System Pass  
P1112 IAT Circuit Intermittent fault  
P1113 Open or Shorted IAT circuit.  
P1114 intake air temperature 2 circuit low input (Super/turbo-charged engines)  
P1115 intake air temperature 2 circuit high input (Super/turbo-charged engines)  
P1116 ECT sensor out of self test range  
P1117 ECT Circuit Intermittent fault  
P1118 Manifold Air Temperature Circuit Low Input  
P1119 Manifold Air Temperature Circuit High Input  
P1120 TP sensor circuit out of range low - RATCH too low  
P1121 TP Sensor A Inconsistent With MAF /MAP Sensor  
P1122 TP sensor in range but lower than expected  
P1123 TP sensor in range but higher than expected  
P1124 TP Sensor A Out Of Self Test Range  
P1125 TP Sensor Intermittent circuit fault  
P1126 TP (Narrow Range)-Open Or Short  
P1127 Exhaust not warm enough,downstream HO2S not tested.  
P1128 Upstream oxygen sensors swapped from bank to bank  
P1129 Downstream Heated Exhaust oxygen Sensors swapped from bank to bank  
P1130 Lack of HO2S11 Switches - Fuel Trim at Limit  
P1131 Lack of HO2S11 Switch Sensor Indicates Lean  
P1132 HO2S11 not switching correctly.sensor indicates rich.  
P1133 Future emission related code,No action is required.  
P1134 Bank 1 fuel control shifted rich  
P1135 Pedal Position Sensor A Circuit Intermittent  
P1136 HO2S11 circuit high voltage  
P1137 Lack of HO2S12 Switch Sensor indicates Lean  
P1138 Lack of HO2S12 Switch Sensor indicates Rich  
P1139 Water in Fuel Indicator Circuit  
P1140 Water in Fuel Condition  
P1141 Fuel Restriction Indicator Circuit  
P1142 Fuel Restriction Condition  
P1143 Air-Assisted Injector Control Valve Range or Performance  
P1144 MAF sensor open / short - circuit to ground  
P1145 Calculated Torque Error

P1146 Generator load input failed high  
P1147 Manifold Air Temperature / Intake Air Temperature Correlation  
P1148 Generator 2 Control Circuit  
P1149 Generator 2 Monitor Circuit High  
P1150 Lack of HO2S21 switch adaptive fuel at limit  
P1151 Lack Of HO2S21 Switch Sensor Indicates Lean  
P1152 Lack Of HO2S21 Switch Sensor Indicates Rich  
P1153 Bank 2 Fuel Control Shifted Lean  
P1154 Bank 2 Fuel Control Shifted Rich  
P1155 AFCM Has Activated the MIL  
P1156 Fuel Select Switch did not switch  
P1157 Lack of HO2S22 Switch Sensor indicates Lean  
P1158 Lack of HO2S22 Switch Sensor indicates Rich  
P1159 Fuel Stepper Motor Fault  
P115A Low Fuel Level Forced Limited Power  
P115B Low Fuel Level Forced Engine Shut down  
P115C TCM Unable to Process Driver Input - Forced Engine Shutdown  
P115D MAF Circuit Offset  
P115E Throttle Actuator Control Throttle Body Air Flow Trim at Max Limit  
P115F ECM Cooling Fan Circuit  
P1160 IAT sensor short-circuit to ground  
P1161 IAT sensor open/short-circuit to battery positive  
P1162 FTS short-circuit to ground  
P1163 FTS open/short-circuit to battery positive  
P1164 Fuel Temperature Sensor A Circuit Range/Performance  
P1165 Bank 1 Long Term Fuel Trim,Range 1 Lean Lower Limit Exceeded  
P1166 Bank 1 long term fuel trim,range 2 richness upper limit exceed  
P1167 Operator did not tip in throttle on Throttle Test  
P1168 Fuel Rail Pressure Sensor In Range But Low  
P1169 Fuel Rail Pressure Sensor In Range But High  
P116A Fuel Stepper Motor Control 1 Circuit Open  
P116B Fuel Stepper Motor Control 1 Circuit Short  
P116C Fuel Stepper Motor Control 2 Circuit Open  
P116D Fuel Stepper Motor Control 2 Circuit Short  
P116E Fuel Pressure Relief Valve Activated  
P116F Fuel Volume Regulator Control Exceeded Control Limits  
P1170 Engine Shut Off Solenoid  
P1171 Rotor Sensor  
P1172 Rotor Control  
P1173 O2S - Inversion  
P1174 Cam Sensor  
P1175 Cam Control  
P1176 Cam Calibration  
P1177 Synchronization  
P1178 Bolt-up Limits  
P1179 Long Term Fuel Trim Too Rich - Banks 1 and 2  
P117A Engine Oil Over temperature - Forced Limited Power  
P117B Exhaust Gas Temperature Sensor Correlation - Bank 1  
P117C Exhaust Gas Temperature Sensor Correlation - Bank 2  
P117D Fuel Volume Regulator Control Exceeded Maximum Control Limit  
P117E Fuel Volume Regulator Control Exceeded Minimum Control Limit  
P117F Fuel Pressure Regulator Control Exceeded Learning Limits  
P1180 Fuel Delivery System - Low  
P1181 Fuel Delivery System - High

P1182 Fuel Shutoff Solenoid  
P1183 Engine Oil Temperature Sensor Circuit  
P1184 Engine Oil Temperature Sensor Out Of Self Test Range  
P1185 Fuel Pump Temperature Sensor High  
P1186 Fuel Pump Temperature Sensor Low  
P1187 Variant Selection  
P1188 Calibration Memory  
P1189 Fuel pump speed sensor / wiring  
P1190 Calibration resistor  
P1191 Key Line Voltage  
P1192 V External  
P1193 EGR Driver Over Current  
P1194 ECM or PCM A/D Converter  
P1195 SCP HBCC Chip Failed to Initialize  
P1196 Key off voltage high  
P1197 Key Off Voltage Low  
P1198 Pump Rotor Control Under fueling  
P1199 Fuel Level Input Circuit Low  
P11F8 Ignore this DTC if it is only displayed as a pending code.  
P1200 Injector Range or Performance  
P1201 Cylinder No.1 Injector Circuit Open/ Shorted  
P1202 Cylinder No.2 Injector Circuit Open/ Shorted  
P1203 Cylinder No.3 Injector Circuit Open/ Shorted  
P1204 Cylinder No.4 Injector Circuit Open/ Shorted  
P1205 Cylinder No.5 Injector Circuit Open/ Shorted  
P1206 Cylinder No.6 Injector Circuit Open/ Shorted  
P1207 Cylinder No.7 Injector Circuit Open/ Shorted  
P1208 Cylinder No.8 Injector Circuit Open/ Shorted  
P1209 Injector Control Pressure Peak Delta Test Fault  
P120A Secondary Fuel Injector Insufficient Flow Bank 1  
P120B Secondary Fuel Injector Excessive Flow Bank 1  
P120C Secondary Fuel Injector Insufficient Flow Bank 2  
P120D Secondary Fuel Injector Excessive Flow Bank 2  
P120E Fuel Pressure Sensor Circuit A - Excessive Variation  
P120F Fuel Pressure Regulator Excessive Variation  
P1210 Injector Control Pressure higher than desired (engine off)  
P1211 Injector control pressure higher/lower than desired(engine running)  
P1212 Injector control pressure lower than desired(engine crank or run)  
P1213 Cold Start Injector #1  
P1214 Pedal Position Sensor B Circuit Intermittent  
P1215 Pedal Position Sensor C Circuit Low Input  
P1216 Pedal Position Sensor C Circuit High Input  
P1217 Pedal Position Sensor C Circuit Intermittent  
P1218 CID High  
P1219 CID Low  
P121A Cylinder Balance - Injector Restricted  
P121B Cylinder Balance - Injector Stuck Closed  
P121C Cylinder Balance - Injector Leaking  
P1220 Series Throttle Control System  
P1221 BTC  
P1222 Traction Control Output Circuit  
P1223 Pedal Position Sensor B Circuit High Input  
P1224 TP Sensor B Out Of Self Test Range  
P1225 Needle Lift Sensor

P1226 Control sleeve sensor malfunction  
P1227 Wastegate Failed Closed (Over pressure)  
P1228 Wastegate Failed Open (Under pressure)  
P1229 Charge Air Cooler Pump Driver  
P1230 FP Low Speed Malfunction (VLCM)  
P1231 FP Secondary Circuit Low, High Speed (VLCM )  
P1232 FP Speed Primary Circuit (Two speed FP )  
P1233 Fuel pump driver module offline  
P1234 Fuel pump driver module offline  
P1235 Fuel pump control out of range  
P1236 Fuel pump control out of range  
P1237 FP Secondary Circuit (FP Driver Module)  
P1238 Fuel pump primary circuit malfunction  
P1239 Speed Fuel Pump Positive Feed  
P123A BARO - Turbocharger/ Supercharger Boost Sensor A Correlation  
P123B BARO - Turbocharger/ Supercharger Boost Sensor B Correlation  
P1240 Sensor power supply  
P1241 Sensor power supply low input  
P1242 Sensor Power Supply High Input  
P1243 Second FP Fault or Ground Fault  
P1244 Generator Load High Input  
P1245 Generator Load Low Input  
P1246 Generator Load Input circuit fault  
P1247 Turbo boost pressure fault - low  
P1248 Turbo Boost Pressure Not Detected  
P1249 Wastegate Control Valve Performance  
P1250 SOLENOID (PRC) -Open Or Short  
P1251 Air mix control solenoid - open or short  
P1252 Solenoid (PRC No.2)-Open Or Short  
P1253 Pedal Correlation PDS1 and LPDS Low  
P1254 Pedal Correlation PDS2 and LPDS High  
P1255 Pedal Correlation PDS2 and LPDS Low  
P1256 Pedal Correlation PDS1 and HPDS  
P1257 Pedal Correlation PDS2 and HPDS  
P1258 Pedal Correlation PDS1 and PDS2  
P1259 Immobilizer to pcm communication  
P1260 Engine disabled by PATS  
P1261 Cylinder #1 High To Low Side Fault  
P1262 Cylinder #2 High To Low Side Fault  
P1263 Cylinder #3 High To Low Side Fault  
P1264 Cylinder #4 High To Low Side Fault  
P1265 Cylinder #5 High To Low Side Fault  
P1266 Cylinder #6 High To Low Side Fault  
P1267 Cylinder #7 High To Low Side Fault  
P1268 Cylinder #8 High To Low Side Fault  
P1269 Immobilizer code not programmed  
P1270 Engine RPM or Vehicle Speed limiter reached  
P1271 Cylinder #1 High To Low Side Fault  
P1272 Cylinder #2 High To Low Side Fault  
P1273 Cylinder #3 High To Low Side Fault  
P1274 Cylinder #4 High To Low Side Fault  
P1275 Cylinder #5 High To Low Side Fault  
P1276 Cylinder #6 High To Low Side Fault  
P1277 Cylinder #7 High To Low Side Fault

P1278 Cylinder #8 High To Low Side Fault  
P1279 Control Sleeve Sensor Circuit Range or Performance  
P127A Aborted KOER -Fuel Pressure Failure  
P127B Aborted Camshaft Position Timing KOER - Engine Oil Temperature Out of Range  
P1280 Injector Control Pressure Failure  
P1281 Injector Control Pressure Failure  
P1282 Excessive Injector Control Pressure  
P1283 Injector Pressure Regulator Circuit  
P1284 Injector Control Pressure Failure  
P1285 Cylinder Head Overtemperature detected.  
P1286 The engine is demanding more fuel than would normally be expected.  
P1287 The engine is demanding less fuel than would normally be expected.  
P1288 CHT sensor out of self test range  
P1289 CHT sensor high input  
P128A Cylinder Head Temperature Sensor Circuit Intermittent/ Erratic  
P1290 CHT sensor low input  
P1291 Injector High Side Short To Ground Or Power - Bank 1  
P1292 Injector High Side Short To Ground Or Power - Bank 2  
P1293 Injector High Side Open - Bank 1  
P1294 Injector High Side Open - Bank 2  
P1295 Injector Multiple Faults - Bank 1  
P1296 Injector Multiple Faults - Bank 2  
P1297 Injector High Side Switches Shorted Together  
P1298 Injector Driver Module Failure  
P1299 Cylinder head overtemperature protection active  
P1300 Boost calibration fault  
P1301 Boost calibration high  
P1302 Boost calibration low  
P1303 EGR Calibration Fault  
P1304 EGR Calibration High  
P1305 EGR Calibration Low  
P1306 Kick down Relay Pull- in Circuit  
P1307 Kick down Relay Hold Circuit  
P1308 A/C Clutch Circuit  
P1309 Misfire monitor disabled  
P130A Knock Sensor 3 Circuit  
P130B Knock Sensor 4 Circuit  
P130F Cylinder-to-Crankshaft Reference Synchronization  
P1310 Ionization Misfire Detection Module Fault  
P1311 Ionization Misfire Detection Module Communication Fault  
P1312 Timer control valve - Circuit malfunction  
P1313 Misfire Rate Catalyst Damage Fault - Bank 1  
P1314 Misfire Rate Catalyst Damage Fault - Bank 2  
P1315 Persistent Misfire  
P1316 Injector Driver Module Codes Detected  
P1317 Injector Circuit/ Injector Driver Module Codes Not Retrieved  
P1318 Timer position sensor - circuit malfunction  
P1319 Timer position sensor - range/performance malfunction  
P1320 Distributor Signal Interrupt  
P1321 Cylinder No.9 High To Low Side Short  
P1322 Cylinder No.10 High To Low Side Short  
P1323 Cylinder No.11 High To Low Side Short  
P1324 Cylinder No.12 High To Low Side Short  
P1325 Cylinder No.9 High To Low Side Open

P1326 Cylinder No.10 High To Low Side Open  
P1327 Cylinder No.11 High To Low Side Open  
P1328 Cylinder No.12 High To Low Side Open  
P1329 ICP Higher Than Desired (Engine Running)  
P132A Turbocharger/ Supercharger Boost Control A Electrical  
P132B Turbocharger/ Supercharger Boost Control A Performance  
P132C Turbocharger/ Supercharger Boost Control A Voltage  
P132D Turbocharger/ Supercharger Boost Control B Electrical  
P132E Turbocharger/ Supercharger Boost Control B Performance  
P132F Turbocharger/ Supercharger Boost Control B Voltage  
P1330 ICP Lower Than Desired (Engine Running)  
P1331 Turbocharger/Supercharger Boost High Side Control Circuit / Open  
P1332 Turbo/Super Charger Boost High Side Control Circuit Low  
P1333 Turbo/ Super Charger Boost High Side Control Circuit High  
P1334 EGR Throttle Position Sensor Minimum Stop Performance  
P1335 EGR Position Sensor Minimum Stop Performance  
P1336 Misfire monitor hardware-CMP misaligned,CKP/CMP noise  
P1337 Throttle Position Output Circuit  
P1338 FPDM Communication Circuit  
P1339 FPDM Communication Circuit  
P1340 Camshaft position sensor B circuit malfunction.  
P1341 CPS B Circuit Range or Performance  
P1342 Accelerator pedal position sensor A circuit  
P1343 Accelerator pedal position sensor B circuit  
P1344 Accelerator pedal position sensor C circuit  
P1345 Camshaft position sensor malfunction.  
P1346 Fuel Level Sensor B Circuit  
P1347 fuel level sensor B (gas level) range/performance  
P1348 Fuel Level Sensor B (gas level) low input  
P1349 Fuel level sensor circuit high input  
P1350 Fuel Level Sensor B Circuit Intermittent  
P1351 IDM circuit fault  
P1352 Ignition Coil A Primary Circuit malfunction  
P1353 Ignition Coil B Primary Circuit malfunction  
P1354 Ignition Coil C Primary Circuit fault  
P1355 Ignition Coil D Primary Circuit  
P1356 PIP signals occurred while IDM pulsewidth indicates engine not turning  
P1357 Ignition Diagnostic Monitor pulsewidth not defined  
P1358 IDM signal out of Self-Test range  
P1359 SAW circuit fault  
P1360 Ignition Coil A Secondary Circuit malfunction  
P1361 Ignition Coil B Secondary Circuit malfunction  
P1362 Ignition Coil C Secondary Circuit fault  
P1363 Ignition Coil D Secondary Circuit  
P1364 Ignition Coil Primary Circuit malfunction  
P1365 Ignition Coil Secondary Circuit malfunction  
P1366 Ignition Spare  
P1367 IDM circuit fault  
P1368 Ignition Spare  
P1369 Engine Temperature light monitor failure.  
P1370 Insufficient rpm in spark advance test  
P1371 Ignition Coil - Cylinder 1 - Early Activation Fault  
P1372 Ignition Coil - Cylinder 2 - Early Activation Fault  
P1373 Ignition Coil - Cylinder 3 - Early Activation Fault



P1374 Ignition Coil - Cylinder 4 - Early Activation Fault  
P1375 Ignition Coil - Cylinder 5 - Early Activation Fault  
P1376 Ignition Coil - Cylinder 6 - Early Activation Fault  
P1377 Injector Over-voltage Shutdown  
P1378 FICM Supply Voltage Circuit Low  
P1379 FICM Supply Voltage Circuit High  
P1380 Variable Cam Timing solenoid circuit fault  
P1381 Variable Cam Timing overadvanced  
P1382 Variable Cam Timing solenoid circuit fault  
P1383 Variable Cam Timing overretarded  
P1384 Variable Valve Timing Solenoid A Circuit  
P1385 Variable Cam Timing(VCT) solenoid B Malfunction.  
P1386 Variable Cam Timing(VCT) overadvanced,bank B.  
P1387 Camshaft position timing solenoid #2 circuit  
P1388 Variable Cam Timing(VCT) overretarded,bank B.  
P1389 GPC High Side,Low Input  
P138A Glow Plug Control Module Control Circuit Range/Performance  
P138B Glow Plug Control Module System Voltage  
P138C Charge Air Cooler Bypass Position Sensor Minimum/Maximum Stop Performance  
P138D Turbocharger/Supercharger Boost Control A Temperature Too High  
P138E Turbocharger Boost Control Position Sensor A Minimum/ Maximum Stop Performance  
P138F Turbocharger Boost Control Position Sensor B Minimum/ Maximum Stop Performance  
P1390 This vehicle has been adjusted to run on 91 octane fuel.  
P1391 GPC Low Input (Bank 1)  
P1392 GPC High Input (Bank 1)  
P1393 GPC Low Input (Bank 2)  
P1394 GPC High Input (Bank 2)  
P1395 GPC Monitor Fault (Bank 1)  
P1396 GPC Monitor Fault (Bank 2)  
P1397 System Voltage Out Of Self - Test Range  
P1398 Variable Valve Timing Solenoid B Circuit High Input  
P1399 GPC High Side, High Input  
P1400 DPFE sensor circuit low voltage detected  
P1401 DPFE sensor circuit high voltage detected  
P1402 ERG system fault.  
P1403 DPFE sensor hoses reversed  
P1404 DPFE sensor metering orifice restricted  
P1405 Plugged or Open upstream HI side DPFE sensor hose.  
P1406 DPFE sensor downstream hose off or plugged  
P1407 PCM detected no EGR flow  
P1408 EGR flow out of self test range  
P1409 EVR circuit fault  
P140A EGR Sensor C Circuit Low  
P140B EGR Sensor C Circuit High  
P140C EGR Control Circuit B  
P140D EGR Control Circuit B Range/ Performance  
P140E EGR Position Sensor C Minimum/Maximum Stop Performance  
P140F EGR Throttle Stuck  
P1410 Air Cleaner Inlet Control Circuit  
P1411 AIR System Incorrect Downstream Flow Detected  
P1412 EGR Valve Frozen  
P1413 SAIRM Circuit Low Voltage  
P1414 SAIRM Circuit High Voltage  
P1415 Air Pump Relay-Open Or Short

P1416 Port air control  
P1417 Port air relief circuit  
P1418 Split air #1 circuit  
P1419 Split air #2 circuit  
P141A EGR Sensor A Circuit Intermittent/ Erratic  
P141B EGR Sensor B Circuit Intermittent/ Erratic  
P141C EGR Sensor C Circuit Intermittent/ Erratic  
P141D EGR Position Sensor B Minimum/ Maximum Stop Performance  
P141E Catalyst Temperature Sensor 1/ 2 Correlation Bank 1  
P141F Catalyst Temperature Sensor 1/ 2 Correlation Bank 2  
P1420 Catalyst system efficiency below threshold (bank 1)  
P1421 Catalyst Damage  
P1422 Exhaust Gas Ignition Temperature Sensor  
P1423 Exhaust Gas Ignition Functional Test  
P1424 Exhaust Gas Ignition Plug Primary  
P1425 Exhaust Gas Ignition Plug Secondary  
P1426 Exhaust Gas Ignition mini- MAF Sensor Out of Range  
P1427 Exhaust Gas Ignition mini- MAF Sensor Circuit Shorted  
P1428 Exhaust Gas Ignition mini- MAF Sensor Circuit Open  
P1429 Active lean NOX air pump malfunction  
P142A Conditions Incorrect for Secondary Air Self Test  
P142B EGR Sensor D Circuit  
P142C EGR Sensor D Range/ Performance  
P142D EGR Sensor D Circuit Low  
P142E EGR Sensor D Circuit High  
P142F EGR Sensor D Circuit Intermittent/ Erratic  
P1430 Electric Air Pump Secondary  
P1431 Misfire Monitor Disabled, unable to learn wheel profile  
P1432 Thermostat Heater Control Circuit.  
P1433 AC Refrigerant temperature circuit low input  
P1434 AC refrigerant temp,circuit high input  
P1435 AC refrigerant temp,circuit range/performance problem  
P1436 AC evaporator air temp circuit low input  
P1437 AC evaporator air temp circuit high input  
P1438 AC evaporator air temp circuit range/performance problem  
P1439 Floor temperature switch circuit  
P1440 EVAP System leak detected (Small Leak).  
P1441 ELC System 1  
P1442 Evaporative Emission Control system leak detected (gross leak)  
P1443 Evaporative Emission Control System Purge Valve Malfunction  
P1444 EVAP System Purge Flow Sensor Circuit Low Input  
P1445 EVAP System Purge Flow Sensor Circuit High Input  
P1446 Two way valve control system.  
P1447 Purge flow monitor malfunction  
P1448 Vent control valve stuck open.  
P1449 Evaporative check solenoid system.-Malfunction detected in the EVAP check solenoid circuit.  
P1450 Unable to Bleed Up Fuel Tank Vacuum  
P1451 EVAP control system vent control valve circuit malfunction.  
P1452 Unable to Bleed Up Fuel Tank Vacuum  
P1453 Fuel Tank Pressure Relief Valve Malfunction  
P1454 EVAP System Vacuum Test  
P1455 EVAP System Control Leak Detected (gross leak/ no flow)  
P1456 Fuel tank temperature sensor circuit

P1457 Unable To Pull Fuel Tank Vacuum  
P1458 Ignition Timing Control Solenoid  
P1459 A/C Recirculation Switch Out of Self-Test Range  
P145A A/C Pressure Insufficient - A/C Clutch Disabled  
P145B A/C Demand Not Activated During Self-Test  
P145C Fan System Component Error A  
P145D Fan System Component Error B  
P145E PCV Heater Control B Circuit  
P145F Driver Door Switch Out of Self- Test Range  
P1460 WAC circuit fault  
P1461 A/C pressure sensor circuit low input  
P1462 A/C pressure sensor circuit high input  
P1463 A/C Pressure Sensor Insufficient pressure change  
P1464 A/C switched on during self test  
P1465 A/C relay system fault  
P1466 A/C Refrigerant Temperature Sensor Circuit  
P1467 A/C Compressor Temperature Sensor  
P1468 SSPOD Open Circuit or Closed Circuit  
P1469 Low A/C cycling period  
P1470 A/C Cycling Period Too Short  
P1471 Electro Drive Fan 1 Output Is Faulty  
P1472 electro drive fan 2 - output is faulty  
P1473 Fan Secondary Monitor circuit high with fan(s) OFF  
P1474 FLOW primary circuit malfunction  
P1475 Fan Relay (Low) Circuit  
P1476 Fan Relay (High) Circuit  
P1477 Additional Fan Relay Circuit  
P1478 Cooling Fan Driver  
P1479 FCHIGH primary circuit malfunction  
P1480 Fan Secondary Monitor (FANM) circuit low with Low Fan ON  
P1481 Fan Secondary Monitor (FANM) circuit low with High Fan ON  
P1482 SCP  
P1483 Fan Circuit Malfunction  
P1484 Fan Circuit Malfunction  
P1485 EGR Control solenoid system  
P1486 EGR Vent solenoid system  
P1487 EGR check solenoid system.  
P1488 Exhaust (Muffler) Bypass Control Circuit  
P1489 PCV Heater Control Circuit  
P1490 Vac cut valve bypass valve disconnected.  
P1491 Vac cut valve bypass valve malfunction.  
P1492 APLSOL Solenoid Circuit  
P1493 RCNT Solenoid Circuit  
P1494 SPCUT Solenoid Circuit  
P1495 TCSPL Solenoid Circuit  
P1496 EGR Stepper Motor 1 Control Circuit Low/ High  
P1497 EGR Stepper Motor 2 Control Circuit Low/ High  
P1498 EGR Stepper Motor 3 Control Circuit Low/ High  
P1499 EGR Stepper Motor 4 Control Circuit Low/ High  
P1500 Vehicle Speed Sensor Malfunction VSS  
P1501 Vehicle Speed Sensor Malfunction VSS  
P1502 Vehicle speed sensor signal intermittent  
P1503 Vehicle Speed Sensor Malfunction VSS  
P1504 IAC circuit fault

P1505 IAC System at Adaptive limit  
P1506 IAC valve duty cycle higher than expected  
P1507 IAC valve duty cycle lower than expected  
P1508 Solenoid(Port Air Bypass)-Open Or Short  
P1509 Solenoid(Port AirBypass)-Open Or Short  
P150A Cylinder 1 Injector Circuit Range/Performance  
P150B Cylinder 2 Injector Circuit Range/Performance  
P150C Cylinder 3 Injector Circuit Range/Performance  
P150D Cylinder 4 Injector Circuit Range/Performance  
P150E Electronic Control Module Cooling Fan Circuit  
P150F Electronic Control Module Cooling Fan Performance  
P1510 Idle signal circuit  
P1511 Idle switch (electric control throttle)circuit  
P1512 IMRC bank 1 stuck closed  
P1513 IMRC bank 2 stuck closed  
P1514 High Load Neutral/Drive Fault  
P1515 Electric current circuit  
P1516 IMRC open or closed longer than expected  
P1517 IMRC open or closed longer than expected  
P1518 IMRC stuck open  
P1519 IMRC stuck closed  
P151A Intake Manifold Runner Controller Performance  
P151B Idle Speed Control - RPM Lower Than Expected  
P151C Idle Speed Control - RPM Higher Than Expected  
P1520 IMRC circuit malfunction  
P1521 Variable resonance induction system (VRIS)solenoid #1 malfunction.  
P1522 Variable resonance induction system (VRIS)solenoid #2 malfunction.  
P1523 High speed inlet air (HSIA)solenoid malfunction.  
P1524 Charge Air Cooler Pump Driver  
P1525 Air bypass vacuum valve - open or short  
P1526 SABV-Open or Short  
P1527 Secondary air bypass solenoid  
P1528 Subsidiary throttle valve solenoid circuit  
P1529 Lysholm compressor air - open or short  
P1530 A/C system fault  
P1531 Invalid Test - Accelerator Pedal Movement  
P1532 Intake Manifold Communication Control Circuit (Bank 2)  
P1533 Air Assisted Injector Circuit  
P1534 Restraint Deployment Indicator Circuit  
P1535 Blower fan speed out of range  
P1536 Parking Brake Switch Circuit  
P1537 IMRC bank 1 stuck open  
P1538 IMRC bank 2 stuck open  
P1539 A/C system fault  
P1540 SABV - Open Or Short  
P1541 IMRC control performance or range fault  
P1542 Primary PCM ID Circuit (dual PCM application)  
P1543 Engine coolant heater A control circuit  
P1544 Engine coolant heater A control circuit  
P1545 EGR High Side Control Circuit Open  
P1546 EGR High Side Control Circuit Low  
P1547 EGR High Side Control Circuit High  
P1548 Engine Air Filter Restriction  
P1549 Intake Manifold Communication Control Circuit (Bank 1)

P1550 PSP switch circuit fault  
P1551 Cylinder No.1 Injector Circuit Performance  
P1552 Cylinder No.2 Injector Circuit Performance  
P1553 Cylinder No.3 Injector Circuit Performance  
P1554 Cylinder No.4 Injector Circuit Performance  
P1555 Cylinder No.5 Injector Circuit Performance  
P1556 Cylinder No.6 Injector Circuit Performance  
P1557 Cylinder No.7 Injector Circuit Performance  
P1558 Cylinder No.8 Injector Circuit Performance  
P1559 Idle Speed Control Throttle Position Adaptation Malfunction  
P1560 Engine RPM or Vehicle Speed limiter reached  
P1561 Brake Line Pressure Sensor Circuit  
P1562 PCM back-up position terminal voltage low  
P1563 FIP requesting engine stop  
P1564 FIP requesting reduced fuelling mode  
P1565 Speed Control Command Switch Out Of Range High  
P1566 Speed Control Command Switch Out Of Range low  
P1567 Speed Control Output Circuit  
P1568 Speed Control Unable to Hold Speed  
P1569 IMRC circuit malfunction  
P1570 IMRC circuit malfunction  
P1571 Brake switch  
P1572 Brake on/off switch circuit failure  
P1573 Throttle Position Not Available  
P1574 Throttle Position Sensor Outputs Disagree  
P1575 Pedal Position Out Of Self Test Range  
P1576 Accelerator pedal position unavailable  
P1577 Pedal Position Sensor Outputs Disagree  
P1578 ETC Power Less Than Demand  
P1579 ETC In Power Limiting Mode  
P1580 Electronic Throttle Monitor PCM Override  
P1581 Electronic Throttle Monitor Malfunction  
P1582 Electronic Throttle Monitor Data Available  
P1583 Electronic Throttle Monitor Cruise Disablement  
P1584 Throttle Control Detected ETB Malfunction  
P1585 Throttle Control Malfunction  
P1586 Electronic Throttle to PCM Communication Error  
P1587 Throttle Control Modulated Command Malfunction  
P1588 Throttle Control Detected Loss Of Return Spring  
P1589 Throttle Control Unable To Control To Desired Throttle Angle  
P1590 Cruise Control INCREASE DISTANCE Signal  
P1591 Cruise Control DECREASE DISTANCE Signal  
P1592 Vehicle Data Recorder Data Available  
P1600 Loss of KAM power.  
P1601 Data Communication Link  
P1602 Immobilizer module-PCM communication fault  
P1603 EEPROM data corrupted.  
P1604 Code Word-Unregistered  
P1605 Power interruption on KAPWR circuit.  
P1606 Main relay malfunction (Power Hold)  
P1607 MIL Output Circuit  
P1608 FIP Watchdog signal lost  
P1609 PCM internal circuit malfunction.  
P1610 PCM Reprogramming Error

P1611 %s reprogramming error  
P1612 %s reprogramming error  
P1613 %s reprogramming error  
P1614 %s reprogramming error  
P1615 %s reprogramming error  
P1616 %s reprogramming error  
P1617 %s reprogramming error  
P1618 %s reprogramming error  
P1619 %s reprogramming error  
P161A Immobilizer Incorrect Security Code  
P161B Immobilizer Wrong Response  
P1620 %s reprogramming error  
P1621 Immobilizer code words do not match  
P1622 Immobilizer id does not match  
P1623 Immobilizer code word/id number write failure  
P1624 Vehicle anti-theft system.  
P1625 Fan Circuit Malfunction  
P1626 A/C system fault  
P1627 TCS-FCM Line-Open Or Short  
P1628 TCS-ECM Line-Open Or Short  
P1629 Internal Voltage Regulator  
P162A Sensor Reference Voltage D Circuit Open  
P162B Sensor Reference Voltage D Circuit Low  
P162C Sensor Reference Voltage D Circuit High  
P162D Internal Control Module Cruise Control Performance  
P162E Internal Control Module PTO Control Performance  
P1630 PCM internal Vref  
P1631 PCM main relay  
P1632 Smart Alternator faults sensor/circuit  
P1633 Power supply to the KAM fuse.  
P1634 Fuel flow output/data output link (DOL)  
P1635 Tire / Axle Out of Acceptable Range  
P1636 ECU  
P1637 CAN Link ECM / ABS Control Module Circuit/Network  
P1638 CAN Link ECM / INSTM Circuit/Network  
P1639 PCM Vehicle Identification Block Corrupted or Not Programmed  
P163A Generator B Control Circuit  
P163B Generator B Field Terminal Circuit  
P163C Generator B Field Terminal Circuit Low  
P163D Generator B Field Terminal Circuit High  
P163E TCM Programming Error  
P163F Transmission ID Block Corrupted,Not Programmed  
P1640 Powertrain DTCs Available In Another Control Module  
P1641 Fuel Pump Primary circuit failure  
P1642 FPM Circuit High Voltage  
P1643 FPM Circuit Low Voltage  
P1644 Fuel Pump speed control circuit failure  
P1645 Fuel pump circuit fault.  
P1646 Linear Oxygen Sensor Control Chip(Bank 1)  
P1647 Linear Oxygen Sensor Control Chip(Bank 2)  
P1648 Knock Sensor Input Chip  
P1649 No CAN communication with ABS module.  
P1650 PSP switch out of self-test range  
P1651 PSP switch input malfunction

P1652 IAC Monitor Disabled By PSPS Failed On  
P1653 Power Steering Output Circuit Malfunction  
P1654 Recirculation Override Circuit Malfunction  
P1655 Starter disable circuit  
P1656 CAN Link PCM / PCM Circuit / Network  
P1657 CAN Link Chip Malfunction  
P1658 FIP supply voltage  
P1659 FIP power circuit  
P1660 Output Circuit Check Circuit High Input  
P1661 Output Circuit Check Circuit Low Input  
P1662 Injector Driver Module Failure  
P1663 Fuel Demand Command Signal Output Circuit  
P1664 FIP malfunction  
P1665 FIP communications with PCM  
P1666 FIP crank reference synchronisation  
P1667 CMP circuit fault.  
P1668 PCM and Injector Driver Module Communications Error  
P1669 FIP monitoring PCM fault  
P1670 Electronic Feedback Signal Not Detected  
P1671 Secondary Fuel Pump Relay  
P1672 Engine cooling fan relay open / short circuit to ground.  
P1673 ABS lamp control circuit  
P1674 Control Module Software Corrupted  
P1675 Injector data not programmed  
P1676 Injector data incompatible  
P1677 AFCM Communication Circuit  
P1678 Low Oil PressureLamp Control Circuit  
P1679 Engine Oil Pressure Output Circuit  
P167A AFCM Communication Circuit Low  
P167B Fuel Injector Learning Not Done  
P167C CAN Link PCM / PCM Circuit / Network  
P167D Brake Switch A/B Signal Performance  
P167E Non-OEM Calibration Detected - Torque Above Max Limit  
P167F Non-OEM Calibration Detected  
P1680 Metering oil pump failure  
P1681 Metering oil pump failure  
P1682 Metering oil pump failure  
P1683 Metering oil pump temperature sensor circuit  
P1684 Metering oil pump position sensor circuit  
P1685 Metering oil pump stepping motor #1 control circuit  
P1686 Metering oil pump stepping motor #2 control circuit  
P1687 Metering oil pump stepping motor #3 control circuit  
P1688 Metering oil pump stepping motor #4 control circuit  
P1689 Oil pressure control solenoid circuit  
P1690 Wastegate Solenoid Circuit  
P1691 Turbo Pressure Control Solenoid Control Circuit Failure  
P1692 Turbo Control Solenoid Circuit  
P1693 Turbo charge control circuit  
P1694 Turbo charge relief circuit  
P1695 CAN communication bus fault (PCM/FIP)  
P1696 CAN Link Engine Control Module/Cruise Control Module Circuit /Network  
P1697 Cruise Control Distance - Control Input Circuit  
P1698 Cold Start Fuel Pump Primary Circuit (Brazil ethanol vehicles only)  
P1699 CAN Link ECM / Climate Control Module

P169F Control Module- Unused Fault Code  
P1700 Transmission failed to engage NEUTRAL.  
P1701 Reverse engagement error  
P1702 Transmission Range Sensor Circuit Intermittent  
P1703 Brake switch out of self test range  
P1704 Digital TR failed to transition state  
P1705 TR sensor out of self test range  
P1706 High Vehicle Speed Observed In Park  
P1707 Transfer Case Neutral Indicator Hard Fault Present.  
P1708 Clutch switch input circuit malfunction  
P1709 PNP Out of Self Test Range  
P170A Clutch Switch Out Of Self Test Range  
P170B Clutch Adaptive Learning Not Done - Incorrect Engine Conditions  
P170C Clutch A Engagement Time Performance  
P170D Clutch B Engagement Time Performance  
P170E Clutch Delivered Torque Performance  
P170F Clutch Pressure Release Valve Failed  
P1710 TFT Sensor in range failure  
P1711 TFT Sensor Out of Self Test Range  
P1712 Torque Reduction Signal circuit malfunction  
P1713 TFT Sensor in range failure low value  
P1714 SSA Inductive Signature  
P1715 SSB Inductive Signature  
P1716 Shift Solenoid #3 functional fault  
P1717 CCS functional fault  
P1718 TFT Sensor in range failure high value  
P1719 Engine Torque Signal  
P171A Shift Fork A Stuck, Movement on Shift Fork B  
P171B Shift Fork A Stuck, Movement on Shift Fork C  
P171C Shift Fork B Stuck, Movement on Shift Fork A  
P171D Shift Fork B Stuck, Movement on Shift Fork D  
P171E Shift Fork C Stuck, Movement on Shift Fork A  
P171F Shift Fork C Stuck, Movement on Shift Fork D  
P1720 Vehicle speed sensor(VSS)circuit malfunction.  
P1721 Gear 1 Incorrect Ratio  
P1722 Stall Speed  
P1723 Gear 3 Incorrect Ratio  
P1724 Gear 4 Incorrect Ratio  
P1725 Insufficient Engine Speed Increase During Self Test  
P1726 Insufficient Engine Speed Decrease During Self Test  
P1727 Coast Clutch Solenoid Inductive Signature  
P1728 Transmission Slip Fault  
P1729 4x4L switch circuit malfunction  
P172A Shift Fork D Stuck, Movement on Shift Fork B  
P172B Shift Fork D Stuck, Movement on Shift fork C  
P172C Shift Fork A/B Direction Control Valve Stuck On  
P172D Shift Fork A/B Direction Control Valve Stuck Off  
P172E Shift Fork C/D Direction Control Valve Stuck On  
P172F Shift Fork C/D Direction Control Valve Stuck Off  
P1730 Gear Control Malfunction 2  
P1731 1-2 Shift Error  
P1732 2-3 Shift Error  
P1733 3-4 Shift Error  
P1734 Gear Control Malfunction



P1735 Air Conditioner Signal Circuit Malfunction  
P1736 2nd gear switch circuit failure  
P1737 Lockup Solenoid  
P1738 Shift time error  
P1739 Slip Solenoid  
P173A Clutch Actuator Position Sensor Circuit Range/Performance  
P173B Clutch Actuator Position Sensor Circuit Low  
P173C Clutch Actuator Position Sensor Circuit High  
P173D Ignition Key Lock Solenoid Circuit Open  
P173E Ignition Key Lock Solenoid Circuit Low  
P173F Ignition Key Lock Solenoid Circuit High  
P1740 Torque converter clutch system performance or mechanically stuck off  
P1741 torque Converter Clutch Control Error  
P1742 TCC solenoid failed on  
P1743 TCC solenoid failed on  
P1744 Torque converter clutch system performance or mechanically stuck off  
P1745 EPC circuit fault  
P1746 EPC Solenoid Open Circuit  
P1747 EPC Solenoid Short Circuit  
P1748 EPC Circuit fault  
P1749 Pressure Control Solenoid A Failed Low  
P174A Gear Lever X Position Sensor Circuit Low  
P174B Gear Lever X Position Sensor Circuit High  
P174C Gear Lever Y Position Sensor Circuit Low  
P174D Gear Lever Y Position Sensor Circuit High  
P174E Output Shaft Speed/ABS Wheel Speed Correlation  
P174F Traction Control Enable/Disable Switch Lamp Circuit  
P1750 Maximum adapted EPC pressure for reverse  
P1751 Shift Solenoid #1 functional fault  
P1752 Maximum adapted EPC pressure for first gear  
P1753 Maximum adapted EPC pressure for second gear  
P1754 CCS Electrical fault  
P1755 Maximum Adapted EPC pressure for third gear  
P1756 Shift Solenoid #2 functional fault  
P1757 Maximum adapted EPC pressure for fourth gear  
P1758 Maximum adapted EPC pressure for forward stall  
P1759 Maximum adapted EPC pressure for reverse stall  
P1760 EPC Solenoid Short Circuit  
P1761 SSC Performance  
P1762 Overdrive Band Failed Off  
P1763 Transmission Neutral In Tow Indicator short circuit to battery  
P1764 Transmission Neutral In Tow Indicator circuit failure  
P1765 Solenoid(3-2 Control)-Open Or Short  
P1766 SSD Performance  
P1767 TCC circuit fault  
P1768 Pattern select switch circuit range/performance problem  
P1769 Torque Modulation circuit fault  
P176A Transmission Range Selector Up and Down Position Circuit  
P176B Transmission Range Selector Up and Down Position Control Error  
P176C Transmission Range Selector Lock Control Error  
P176D Transmission Range Selector Incorrect Position At Key On  
P176E Description Not Provided  
P176F Description Not Provided  
P1770 Solenoid(Overrunning Clutch)-Open Or Short

P1771 TP Circuit Above Max.Vltage  
P1772 TP Circuit Below Min. Voltage  
P1773 CAN Link PCM/Fuel Fired Heater Malfunction  
P1774 CAN Link Gear Shift Module/ TCM  
P1775 Transmission System MIL Fault  
P1776 Torque down demand signal #2 circuit malfunction  
P1777 Torque down response signal circuit malfunction  
P1778 Transmission park position input circuit malfunction  
P1779 TCIL circuit out of Self-Test range  
P1780 OCS out of Self-Test range  
P1781 4x4L switch circuit out of Self-Test range  
P1782 Sport/Economy switch out of self test range.  
P1783 Transmission Overtemperature Condition  
P1784 Transmission Mechanical Failure First and Reverse  
P1785 Transmission Mechanical Failure First and Second  
P1786 3-2 Downshift Error  
P1787 2-1 Downshift Error  
P1788 CCS Open Circuit  
P1789 CCS short Circuit  
P1790 Throttle position sensor voltage (Voltage)  
P1791 TP (electric) circuit  
P1792 BARO-Open Or Short  
P1793 Intake air volume circuit  
P1794 Battery Voltage  
P1795 Inconsistent CAN Level  
P1796 CAN Controller Circuit(Bus off)  
P1797 Clutch Pedal Position Switch/Neutral Switch Circuit  
P1798 CAN TCM / INST Circuit Malfunction  
P1799 CAN TCM / ABS Circuit Malfunction  
P179A CAN ECM / Turbocharger Boost Control A Actuator Circuit Malfunction  
P179B CAN ECM/Turbocharger Boost Control A Actuator - Invalid Data Received  
P1800 Transmission Clutch Interlock Safety Switch Circuit Failure  
P1801 Transmission Clutch Interlock Safety Switch Open Circuit  
P1802 Transmission clutch interlock safety switch short to battery  
P1803 Transmission clutch interlock safety switch short to ground  
P1804 Four wheel drive high indicator circuit failure  
P1805 4WD High Indicator Open Circuit  
P1806 4WD High Indicator Short Circuit To Battery  
P1807 Four wheel drive mode select circuit short to ground  
P1808 Four wheel drive low indicator circuit failure  
P1809 4WD Low Indicator Open Circuit  
P1810 Four wheel drive low indicator circuit short to battery  
P1811 Possible causes :-  
P1812 Four wheel drive mode select circuit failure  
P1813 4WD Mode Select Open Circuit  
P1814 4WD Mode Select Short Circuit To Battery  
P1815 Four wheel drive mode select circuit short to ground  
P1816 Transmission Neutral Safety Switch Circuit Failure.  
P1817 Transmission Neutral Safety Switch Open Circuit  
P1818 Transmission Neutral Safety Switch Short Circuit To Battery  
P1819 Transmission Neutral Safety Switch short circuit to battery  
P181A Clutch Actuator Changeover Solenoid Open  
P181B Clutch Actuator Changeover Solenoid Low  
P181C Clutch Actuator Changeover Solenoid High

P181D Clutch Actuator Changeover Solenoid Range/Performance  
P181E Clutch Actuator Range/Performance  
P181F Clutch Control System Performance  
P1820 Transmission transfer case low to high shift relay coil circuit failure  
P1821 Transfer Case Clockwise Shift Relay Coil Open Circuit  
P1822 Transmission transfer case low to high shift relay coil short to battery  
P1823 Transfer Case Clockwise Shift Relay Coil Short Circuit to Ground  
P1824 4-Wheel Drive Clutch Relay Circuit Failure  
P1825 4WD Clutch Relay Open Circuit  
P1826 Four wheel drive clutch relay circuit failure  
P1827 Transmission 4-Wheel Drive Low Clutch Relay Circuit to Ground.  
P1828 Transmission transfer case high to low shift relay coil circuit failure  
P1829 Transfer Case Counter-Clockwise Shift Relay Coil Open Circuit  
P1830 Transmission transfer case high to low shift relay coil short to battery  
P1831 Transfer Case Counter-Clockwise Shift Relay Coil Short Circuit To Ground  
P1832 Transmission Transfer Case 4WD Solenoid circuit failure  
P1833 Transmission transfer case differential lockup feedback switch open circuit  
P1834 Transmission Transfer Case 4WD Solenoid circuit failure  
P1835 Transmission transfer case differential lockup solenoid short to ground  
P1836 Transmission transfer case front shaft speed sensor circuit failure  
P1837 Transmission transfer case rear shaft speed sensor circuit failure  
P1838 Transmission transfer case shift motor circuit failure  
P1839 Transfer Case Shift Motor Open Circuit  
P183A Range Change Mechanism Failure  
P183B 4-Wheel Drive Clutch Coil Return Circuit Open  
P1840 Transfer Case Shift Motor Short Circuit to Battery  
P1841 Transfer Case Shift Motor Short Circuit To Ground  
P1842 Transfer Case Differential Lock-Up Feedback Switch Circuit Failure  
P1843 Transmission transfer case differential lockup feedback switch open circuit  
P1844 Transmission Transfer Case Differential Lock-Up Feedback Switch Short Circuit  
P1845 Transmission Transfer Case Differential Lock-Up Feedback Switch Short Circuit  
P1846 Transmission transfer case contact plate A circuit failure  
P1847 Transmission transfer case contact plate A circuit failure  
P1848 Transfer Case Contact Plate A Short Circuit To Battery  
P1849 Transmission Transfer Case Contact Plate 'A' Short Circuit to Ground.  
P1850 Transmission transfer case contact plate B circuit failure  
P1851 Transmission transfer case contact plate B circuit failure  
P1852 Transfer Case Control Plate B Short Circuit To Battery  
P1853 Transmission Transfer Case Contact Plate 'B' Short Circuit to Ground.  
P1854 Transmission transfer case contact plate C circuit failure  
P1855 Transmission transfer case contact plate C circuit failure  
P1856 Transfer Case Contact Plate C Short Circuit To Battery  
P1857 Transmission Transfer Case Contact Plate 'C' Short Circuit to Ground.  
P1858 Transmission Transfer case contact plate D circuit failure  
P1859 Transmission transfer case contact plate D circuit failure  
P1860 Transfer Case Contact Plate D Short Circuit To Battery  
P1861 Transmission Transfer Case Contact Plate 'D' Short Circuit to Ground.  
P1862 Transfer Case Contact Plate Power Circuit Failure  
P1863 Transmission transfer case contact plate power open circuit  
P1864 Transfer Case Contact Plate Power Short To Battery  
P1865 Transmission Transfer Case Contact Plate Power Short to Ground  
P1866 Transmission Transfer case system concern  
P1867 Transmission transfer case contact plate general circuit failure  
P1868 Transmission Automatic 4-Wheel Drive Indicator circuit failure

P1869 Transmission Automatic 4-Wheel Drive Indicator short to battery  
P186A Differential Lock-up Actuator Brake Control Circuit Open  
P186B Differential Lock-up Actuator Brake Control Circuit Low  
P186C Differential Lock-up Actuator Brake Control Circuit High  
P186D Clutch Actuator Stuck  
P1870 Mechanical Transfer Case 4x4 Switch Circuit Failure  
P1871 Mechanical Transfer Case 4x4 Switch Circuit Short To Battery  
P1872 Mechanical 4WD Axle lock Lamp Circuit Failure  
P1873 Mechanical 4WD Axle lock Lamp Circuit Short To Battery  
P1874 Transmission Automatic hall effect sensor power circuit failure  
P1875 Transmission automatic hall effect sensor power circuit short to battery  
P1876 Transfer Case 2-Wheel Drive Solenoid Circuit Open Or Short To Ground  
P1877 Transfer Case 2-Wheel Drive Solenoid Circuit Open Or Short To Ground  
P1878 Transmission Transfer Case Disengaged Solenoid Circuit Failure  
P1879 Transmission transfer case disengaged solenoid open circuit  
P1880 Transmission transfer case disengaged solenoid short to battery  
P1881 Low Coolant Switch Input Circuit Failure  
P1882 Low Coolant Switch Input Circuit Failure  
P1883 Low Coolant Lamp circuit failure  
P1884 Low Coolant Lamp circuit failure  
P1885 Transmission transfer case disengaged solenoid short to ground  
P1886 Transmission transfer case system concern  
P1887 Four-wheel drive control solenoid circuit failure  
P1888 Differential oil temperature sensor circuit failure  
P1889 Oil Pressure pump Performance  
P188A Differential Oil Temperature Too High/Too Low  
P188F Transfer Case Contact Plate Ground Return Short To Battery  
P1890 4WD Mode Select Return Input Circuit Failure  
P1891 Transfer Case Contact Plate Ground Return Open Circuit  
P1892 Axle Disconnect Engagement Solenoid Circuit High  
P1893 Axle Disconnect Engagement Solenoid Circuit Low  
P1894 Axle Disconnect Disengagement Solenoid Circuit High  
P1895 Axle Disconnect Disengagement Solenoid Circuit Low  
P1896 Axle Disconnect Engagement Position Sensor Circuit High  
P1897 Axle Disconnect Engagement Position Sensor Circuit Low  
P1898 Axle Disconnect Indicator Circuit High  
P1899 Axle Disconnect Indicator Circuit Low  
P189A Axle Disconnect Input Switch Circuit Low  
P189B Axle Disconnect Input Switch Circuit High  
P1900 Output Shaft Speed Sensor Intermittent  
P1901 Turbine Shaft Speed Sensor Intermittent  
P1902 Kickdown Solenoid Relay Control Circuit  
P1903 Kickdown Solenoid Circuit Low Voltage  
P1904 Kickdown Solenoid Circuit High Voltage  
P1905 Control Module configured for EOL test mode.  
P1906 Kickdown Pull Relay Open Or Short Circuit To Ground (A4LD)  
P1907 Kickdown Hold Relay Open Or Short Circuit To Ground (A4LD)  
P1908 Transmission Pressure Control Solenoid Open Or Short (A4LD)  
P1909 Transmission Fluid Temperature Sensor Circuit Open Or Short (A4LD)  
P1910 Reverse Lamp Control Circuit Open  
P1911 Reverse Lamp Control Circuit Low  
P1912 Reverse Lamp Control Circuit High  
P1913 Sensor Ground Reference A Circuit  
P1914 Sensor Ground Reference A Circuit Low

P1915 Sensor Ground Reference A Circuit High  
P1916 Sensor Ground Reference B Circuit Low  
P1917 Sensor Ground Reference B Circuit  
P1918 Sensor Ground Reference B Circuit High  
P1919 ECT Signal  
P1920 Engine Speed Signal  
P1921 Transmission Range Signal  
P1922 Fuel Additive Level Circuit  
P1923 Fuel Additive Level Circuit Range/Performance  
P1924 Fuel Additive Level Circuit Low  
P1925 Fuel Additive Level Circuit High  
P1926 Fuel Additive Level Circuit Intermittent/Erratic  
P1927 Fuel Additive Level Too Low/Empty  
P1928 Fuel Additive Pump Control Circuit/Open  
P1929 Fuel Additive Pump Control Circuit Performance  
P1930 Fuel Additive Pump Control Circuit Low  
P1931 Fuel Additive Pump Control Circuit High  
P1932 Fuel Additive Level Low  
P1933 Fuel Level Signal  
P1934 Vehicle Speed Signal  
P1935 Brake Switch/Sensor Signal  
P1936 Clutch switch input circuit malfunction  
P1937 FOH Control Circuit Open  
P1938 FOH Control Circuit Low  
P1939 Fuel Fired Heater Control Circuit High  
P193A Invalid Scan Tool Communication/Request  
P193B Throttle/Pedal Signal  
P1971 Brake Switch-Defect  
P1A00 Transmission Generator Brake Failure  
P1A01 Generator Brake Performance  
P1A02 Transmission One Way Clutch Performance  
P1A03 Drive Motor A Shutdown Circuit  
P1A04 Generator Shutdown Circuit  
P1A05 Desired Engine Speed Signal  
P1A06 Vehicle Mode Signal  
P1A07 Inverter High Voltage Performance  
P1A08 Generator Mode Signal  
P1A09 Hybrid Battery Power Off Signal  
P1A0A Immediate Shutdown Signal  
P1A0B Hybrid Battery Power Limit Exceeded  
P1A0C Hybrid Powertrain Control Module - Engine Disabled  
P1A0D Hybrid Powertrain Control Module - Generator Disabled  
P1A0E Hybrid Powertrain Control Module - Motor Disabled  
P1A0F Hybrid Powertrain Control Module - Vehicle Disabled  
P1A10 Hybrid Powertrain Control Module - Battery Disabled  
P1A11 Hybrid Powertrain Control Module - One Way Clutch Disabled  
P1A12 Hybrid Powertrain Control Module - Generator Brake Disabled  
P1A13 Hybrid Powertrain Control Module - Regenerative Braking Disabled  
P1A14 Hybrid Powertrain Control Module - Transmission Disabled  
P1A15 Immediate Shutdown Signal B  
P2000 NOx Trap Efficiency Below Threshold (Bank 1)  
P2001 NOx Trap Efficiency Below Threshold (Bank 2)  
P2002 Particle Filter Efficiency Below Threshold  
P2003 Particulate Trap Efficiency Below Threshold(Bank 2)

P2004 IMRC stuck open  
P2005 Intake Manifold Runner Control Stuck Open (Bank 2)  
P2006 IMRC stuck closed  
P2007 Intake Manifold Runner Control Stuck Closed (Bank 2)  
P2008 IMRC Circuit Bank 1 Circuit Malfunction  
P2009 IMRC Circuit Bank 1 Circuit Low  
P200A Intake Manifold Runner Performance - Bank 1  
P200B Intake Manifold Runner Performance - Bank 2  
P200C Diesel Particulate Filter Over Temperature Bank 1  
P200D Diesel Particulate Filter Over Temperature Bank 2  
P200E Catalyst System Over Temperature Bank 1  
P200F Catalyst System Over Temperature Bank 2  
P2010 IMRC Circuit Bank 1 Circuit High  
P2011 Intake Manifold Runner Control Circuit Open (Bank 2)  
P2012 Intake Manifold Runner Control Circuit Low (Bank 2)  
P2013 Intake Manifold Runner Control Circuit High (Bank 2)  
P2014 Intake Manifold Runner Position Sensor / Switch Circuit (Bank 1)  
P2015 Intake Manifold Runner Position Sensor / Switch Circuit Range / Performance (Bank 1)  
P2016 Intake Manifold Runner Position Sensor / Switch Circuit Low (Bank 1)  
P2017 Intake Manifold Runner Position Sensor / Switch Circuit High (Bank 1)  
P2018 Intake Manifold Runner Position Sensor / Switch Circuit Intermittent (Bank 1)  
P2019 Intake Manifold Runner Position Sensor / Switch Circuit (Bank 2)  
P201A Reductant Injection Valve Circuit Range/Performance (Bank 2 Unit 1)  
P2020 Intake Manifold Runner Position Sensor/Switch Circuit Range or Performance (Bank 2)  
P2021 Intake Manifold Runner Position Sensor/Switch Circuit Low (Bank 2)  
P2022 Intake Manifold Runner Position Sensor / Switch Circuit High (Bank 2)  
P2023 Intake Manifold Runner Position Sensor/Switch Circuit Intermittent (Bank 2)  
P2024 EVAPs Fuel Vapor Temperature Sensor Circuit  
P2025 EVAPs Fuel vapor Temperature Sensor Circuit Performance  
P2026 EVAPs Fuel Vapor Temperature Sensor Circuit Low Voltage  
P2027 EVAPs Fuel Vapor Temperature Sensor Circuit High Voltage  
P2028 EVAPs Fuel Vapor Temperature Sensor Circuit Intermittent  
P2029 Fuel-Fired Heater Disabled  
P202A Reductant Tank Heater Control Circuit Open  
P202B Reductant Tank Heater Control Circuit Low  
P202C Reductant Tank Heater Control Circuit High  
P202D Reductant Leakage  
P202E Reductant Injector Circuit Range/performance  
P202F Reductant Supply Control Circuit Range/Performance  
P2030 Fuel-Fired Heater Performance  
P2031 Exhaust Gas Temperature Sensor Circuit Bank 1 Sensor 2  
P2032 Exhaust Gas Temperature Sensor Circuit Low Bank 1 Sensor 2  
P2033 Exhaust Gas Temperature Sensor Circuit High Bank 1 Sensor 2  
P2034 Exhaust Gas Temperature Sensor Circuit Bank 2 Sensor 2  
P2035 Exhaust Gas Temperature Sensor Circuit Low Bank 2 Sensor 2  
P2036 Exhaust Gas Temperature Sensor Circuit High Bank 2 Sensor 2  
P2037 Reductant Injection Air Pressure Sensor Circuit  
P2038 Reductant Injection Air Pressure Sensor Circuit Range/Performance  
P2039 Reductant Injection Air Pressure Sensor Circuit Low Input  
P203A Reductant Level Sensor Circuit  
P203B Reductant Level Sensor Circuit Range/Performance  
P203C Reductant Level Sensor Circuit Low  
P203D Reductant Level Sensor Circuit High  
P203E Reductant Level Sensor Circuit Intermittent/Erratic

P203F Reductant Level Low  
P2040 Reductant Injection Air Pressure Sensor Circuit High Input  
P2041 Reductant Injection Air Pressure Sensor Circuit Intermittent  
P2042 Reductant Temperature Sensor Circuit  
P2043 Reductant Temperature Sensor Circuit Range/Performance  
P2044 Reductant Temperature Sensor Circuit Low Input  
P2045 Reductant Temperature Sensor Circuit High Input  
P2046 Reductant Temperature Sensor Circuit Intermittent  
P2047 Reductant Injector Circuit / Open Bank 1 Unit 1  
P2048 Reductant Injector Circuit Low Bank 1 Unit 1  
P2049 Reductant Injector Circuit High Bank 1 Unit 1  
P204A Reductant Pressure Sensor Circuit  
P204B Reductant Pressure Sensor Circuit Range/Performance  
P204C Reductant Pressure Sensor Circuit Low  
P204D Reductant Pressure Sensor Circuit High  
P204E Reductant Pressure Sensor Circuit Intermittent/Erratic  
P204F Reductant System Performance Bank 1  
P2050 Reductant Injector Circuit / Open Bank 2 Unit 1  
P2051 Reductant Injector Circuit Low Bank 2 Unit 1  
P2052 Reductant Injector Circuit High Bank 2 Unit 1  
P2053 Reductant Injector Circuit / Open Bank 1 Unit 1  
P2054 Reductant Injector Circuit Low Bank 1 Unit 2  
P2055 Reductant Injector Circuit High Bank 1 Unit 2  
P2056 Reductant Injector Circuit / Open Bank 2 Unit 2  
P2057 Reductant Injector Circuit Low Bank 2 Unit 2  
P2058 Reductant Injector Circuit High Bank 2 Unit 2  
P2059 Reductant Injection Air Pump Control Circuit / Open  
P205A Reductant Tank Temperature Sensor Circuit  
P205B Reductant Tank Temperature Sensor Circuit Range/Performance  
P205C Reductant Tank Temperature Sensor Circuit Low  
P205D Reductant Tank Temperature Sensor Circuit High  
P205E Reductant Tank Temperature Sensor Circuit Intermittent/Erratic  
P205F Reductant System Performance Bank 2  
P2060 Reductant Injection Air Pump Control Circuit Low  
P2061 Reductant Injection Air Pump Control Circuit High  
P2062 Reductant Supply Control Circuit / Open  
P2063 Reductant Supply Control Circuit Low  
P2064 Reductant Supply Control Circuit High  
P2065 Fuel Level Sensor B Circuit  
P2066 Fuel Level Sensor B Circuit Range/performance  
P2067 Fuel Level Sensor B Circuit Low  
P2068 Fuel Level Sensor B Circuit High  
P2069 Fuel Level Sensor B Circuit Intermittent  
P206A Reductant Quality Sensor  
P206B Reductant Quality Sensor Range/Performance  
P206C Reductant Quality Sensor Low  
P206D Reductant Quality Sensor High  
P206E Intake Manifold Tuning Valve Stuck Open Bank 2  
P206F Intake Manifold Tuning Valve Stuck Closed Bank 2  
P2070 IMTV Stuck Open  
P2071 IMTV Stuck Closed  
P2072 Throttle Actuator Control System-Ice Breakage  
P2073 MAP/MAF - Throttle Position Correlation at Idle  
P2074 MAP/MAF - Throttle Position Correlation at Higher Load

P2075 IMTV Position Sensor/Switch Circuit  
P2076 IMTV Position Sensor/Switch Circuit Range/Performance  
P2077 IMTV Position Sensor/Switch Circuit Low  
P2078 IMTV Position Sensor/Switch Circuit High  
P2079 IMTV Position Sensor/Switch Circuit Intermittent  
P207A Intake Manifold Tuning Valve Position Sensor/Switch Circuit Bank 2  
P207B Intake Manifold Tuning Valve Position Sensor/Switch Circuit Range/Performance Bank 2  
P207C Intake Manifold Tuning Valve Position Sensor/Switch Circuit Low Bank 2  
P207D Intake Manifold Tuning Valve Position Sensor/Switch Circuit High Bank 2  
P207E Intake Manifold Tuning Valve Position Sensor/Switch Circuit Intermittent Bank 2  
P207F Reductant Quality performance  
P2080 Exhaust Gas Temperature Sensor Circuit Range/Performance Bank 1 Sensor 1  
P2081 Exhaust Gas Temperature Sensor Circuit Intermittent Bank 1 Sensor 1  
P2082 Exhaust Gas Temperature Sensor Circuit Range/Performance Bank 2 Sensor 1  
P2083 Exhaust Gas Temperature Sensor Circuit Intermittent Bank 2 Sensor 1  
P2084 Exhaust Gas Temperature Sensor Circuit Range/Performance Bank 1 Sensor 2  
P2085 Exhaust Gas Temperature Sensor Circuit Intermittent Bank 1 Sensor 2  
P2086 Exhaust Gas Temperature Sensor Circuit Range/Performance Bank 2 Sensor 2  
P2087 Exhaust Gas Temperature Sensor Circuit Intermittent Bank 2 Sensor 2  
P2088 Camshaft Position Actuator A Control Circuit Low (Bank 1)  
P2089 Camshaft Position Actuator A Control Circuit High (Bank 1)  
P208A Reductant Pump Control Circuit Open  
P208B Reductant Pump Control Range/Performance  
P208C Reductant Pump Control Circuit Low  
P208D Reductant Pump Control Circuit High  
P208E Reductant Injector Stuck Closed Bank 1 Unit 1  
P208F Reductant Injector Stuck Closed Bank 2 Unit 1  
P2090 B Camshaft Position Actuator Control Circuit Low Bank 1  
P2091 B Camshaft Position Actuator Control Circuit High Bank 1  
P2092 Camshaft Position Actuator A Control Circuit Low (Bank 2)  
P2093 Camshaft Position Actuator A Control Circuit High (Bank 2)  
P2094 B Camshaft Position Actuator Control Circuit Low Bank 2  
P2095 B Camshaft Position Actuator Control Circuit High Bank 2  
P2096 Post Catalyst Fuel Trim System Too Lean Bank 1  
P2097 Post Catalyst Fuel Trim System Too Rich Bank 1  
P2098 Post Catalyst Fuel Trim System Too Lean Bank 2  
P2099 Post Catalyst Fuel Trim System Too Rich Bank 2  
P209A Reductant Injection Air Pressure Sensor B Circuit  
P209B Reductant Injection Air Pressure Sensor B Circuit Range/Performance  
P209C Reductant Injection Air Pressure Sensor B Circuit Low  
P209D Reductant Injection Air Pressure Sensor B Circuit High  
P209E Reductant Injection Air Pressure Sensor A/B Correlation  
P209F Reductant Tank Heater Control Performance  
P20A0 Reductant Purge Control Valve Circuit Open  
P20A1 Reductant Purge Control Valve Performance  
P20A2 Reductant Purge Control Valve Circuit Low  
P20A3 Reductant Purge Control Valve Circuit High  
P20A4 Reductant Purge Control Valve Stuck Open  
P20A5 Reductant Purge Control Valve Stuck Closed  
P20A6 Reductant Injection Air Pressure Control Valve Circuit Open  
P20A7 Reductant Injection Air Pressure Control Valve Performance  
P20A8 Reductant Injection Air Pressure Control Valve Circuit Low  
P20A9 Reductant Injection Air Pressure Control Valve Circuit High  
P20AA Reductant Injection Air Pressure Control Valve Stuck Open



P20AB Reductant Injection Air Pressure Control Valve Stuck Closed  
P20AC Reductant Metering Unit Temperature Sensor Circuit  
P20AD Reductant Metering Unit Temperature Sensor Circuit Range/Performance  
P20AE Reductant Metering Unit Temperature Sensor Circuit Low  
P20AF Reductant Metering Unit Temperature Sensor Circuit High  
P20B0 Reductant Metering Unit Temperature Sensor Circuit Intermittent/Erratic  
P20B1 Reductant Heater Coolant Control Valve Circuit Open  
P20B2 Reductant Heater Coolant Control Valve Performance  
P20B3 Reductant Heater Coolant Control Valve Circuit Low  
P20B4 Reductant Heater Coolant Control Valve Circuit High  
P20B5 Reductant Metering Unit Heater Control Circuit Open  
P20B6 Reductant Metering Unit Heater Control Performance  
P20B7 Reductant Metering Unit Heater Control Circuit Low  
P20B8 Reductant Metering Unit Heater Control Circuit High  
P20B9 Reductant Heater A Control Circuit Open  
P20BA Reductant Heater A Control Performance  
P20BB Reductant Heater A Control Circuit Low  
P20BC Reductant Heater A Control Circuit High  
P20BD Reductant Heater B Control Circuit Open  
P20BE Reductant Heater B Control Performance  
P20BF Reductant Heater B Control Circuit Low  
P20C0 Reductant Heater B Control Circuit High  
P20C1 Reductant Heater C Control Circuit Open  
P20C2 Reductant Heater C Control Performance  
P20C3 Reductant Heater C Control Circuit Low  
P20C4 Reductant Heater C Control Circuit High  
P20C5 Reductant Heater D Control Circuit Open  
P20C6 Reductant Heater D Control Performance  
P20C7 Reductant Heater D Control Circuit Low  
P20C8 Reductant Heater D Control Circuit High  
P20C9 Reductant Control Module Requested MIL Illumination  
P20CA Reductant Injection Air Pressure Leakage  
P20CB Exhaust Aftertreatment Fuel Injector A Control Circuit Open  
P20CC Exhaust Aftertreatment Fuel Injector A Performance  
P20CD Exhaust Aftertreatment Fuel Injector A Control Circuit Low  
P20CE Exhaust Aftertreatment Fuel Injector A Control Circuit High  
P20CF Exhaust Aftertreatment Fuel Injector A Stuck Open  
P20D0 Exhaust Aftertreatment Fuel Injector A Stuck Closed  
P20D1 Exhaust Aftertreatment Fuel Injector B Control Circuit Open  
P20D2 Exhaust Aftertreatment Fuel Injector B Performance  
P20D3 Exhaust Aftertreatment Fuel Injector B Control Circuit Low  
P20D4 Exhaust Aftertreatment Fuel Injector B Control Circuit High  
P20D5 Exhaust Aftertreatment Fuel Injector B Stuck Open  
P20D6 Exhaust Aftertreatment Fuel Injector B Stuck Closed  
P20D7 Exhaust Aftertreatment Fuel Supply Control Circuit Open  
P20D8 Exhaust Aftertreatment Fuel Supply Control Performance  
P20D9 Exhaust Aftertreatment Fuel Supply Control Circuit Low  
P20DA Exhaust Aftertreatment Fuel Supply Control Circuit High  
P20DB Exhaust Aftertreatment Fuel Supply Control Stuck Open  
P20DC Exhaust Aftertreatment Fuel Supply Control Stuck Closed  
P20DD Exhaust Aftertreatment Fuel Pressure Sensor Circuit  
P20DE Exhaust Aftertreatment Fuel Pressure Sensor Circuit Range/Performance  
P20DF Exhaust Aftertreatment Fuel Pressure Sensor Circuit Low  
P20E0 Exhaust Aftertreatment Fuel Pressure Sensor Circuit High

P20E1 Exhaust Aftertreatment Fuel Pressure Sensor Circuit Intermittent/Erratic  
P20E2 Exhaust Gas Temperature Sensor 1/2 Correlation Bank 1  
P20E3 Exhaust Gas Temperature Sensor 1/3 Correlation Bank 1  
P20E4 Exhaust Gas Temperature Sensor 2/3 Correlation Bank 1  
P20E5 Exhaust Gas Temperature Sensor 1/2 Correlation Bank 2  
P20E6 Reductant Injection Air Pressure Too Low  
P20E7 Reductant Injection Air Pressure Too High  
P20E8 Reductant Pressure Too Low  
P20E9 Reductant Pressure Too High  
P20EA Reductant Control Module Power Relay De-Energized Performance - Too Early  
P20EB Reductant Control Module Power Relay De-Energized Performance - Too Late  
P20EC SCR NOX Catalyst - Over-Temperature(Bank 1)  
P20ED SCR NOX Pre-Catalyst - Over-Temperature (Bank 1)  
P20EE SCR NOX Catalyst Efficiency Below Threshold(Bank 1)  
P20EF SCR NOX Pre-Catalyst Efficiency Below Threshold (Bank 1)  
P20F0 SCR NOX Catalyst - Over-Temperature(Bank 2)  
P20F1 SCR NOX Pre-Catalyst - Over -Temperature (Bank 2)  
P20F2 SCR NOX Catalyst Efficiency Below Threshold (Bank 2)  
P20F3 SCR NOX Pre-Catalyst Efficiency Below Threshold (Bank 2)  
P20F4 Reductant Consumption Too Low  
P20F5 Reductant Consumption Too High  
P2100 Throttle Actuator Control Motor Circuit/Open  
P2101 Throttle Actuator Control Motor Circuit Range/Performance  
P2102 Throttle Actuator Control Motor Circuit Low  
P2103 Throttle Actuator Control Motor Circuit High  
P2104 Throttle Actuator Control System - Forced Idle  
P2105 Throttle Actuator Control System - Forced Engine Shutdown  
P2106 Throttle Actuator Control System - Forced Limited Power  
P2107 Throttle Actuator Control Module Processor  
P2108 Throttle Actuator Control Throttle Body Range/Performance  
P2109 Throttle / Pedal Position Sensor A Minimum Stop Performance  
P210A Throttle Actuator B Control Motor Circuit Open  
P210B Throttle Actuator B Control Motor Circuit Range/ Performance  
P210C Throttle Actuator B Control Motor Circuit Low  
P210D Throttle Actuator B Control Motor Circuit High  
P210E Throttle / Pedal Position Sensor/Switch C/F Voltage Correlation  
P2110 Throttle Actuator Control System - Forced Limited RPM  
P2111 Throttle Actuator Control System - Stuck Open  
P2112 Throttle Actuator Control System - Stuck Closed  
P2113 Throttle / Pedal Position Sensor B Minimum Stop Performance  
P2114 Throttle / Pedal Position Sensor C Minimum Stop Performance  
P2115 Throttle / Pedal Position Sensor D Minimum Stop Performance  
P2116 Throttle / Pedal Position Sensor E Minimum Stop Performance  
P2117 Throttle / Pedal Position Sensor F Minimum Stop Performance  
P2118 Throttle Actuator Control Motor Current Range/Performance  
P2119 Throttle Actuator Control Throttle Body Range/Performance  
P2120 Throttle/Pedal Position Sensor / Switch D Circuit  
P2121 Throttle/Pedal Position Sensor / Switch D Circuit Range/Performance  
P2122 TP Sensor/Switch D Circuit Low Input  
P2123 TP Sensor/Switch D Circuit High Input  
P2124 Throttle/Pedal Position Sensor/Switch D Circuit Intermittent  
P2125 Throttle/Pedal Position Sensor/Switch E Circuit  
P2126 Throttle/Pedal Position Sensor/Switch E Circuit Range/Performance  
P2127 TP Sensor/Switch E Circuit Low Input

P2128 TP Sensor/Switch E Circuit High Input  
P2129 Throttle/Pedal Position Sensor/Switch E Circuit Intermittent  
P2130 Throttle/Pedal Position Sensor/Switch F Circuit  
P2131 Throttle/Pedal Position Sensor/Switch F Circuit Range/Performance  
P2132 Throttle/Pedal Position Sensor/Switch F Circuit Low Input  
P2133 Throttle/Pedal Position Sensor/Switch F Circuit High Input  
P2134 Throttle/Pedal Position Sensor/Switch F Circuit Intermittent  
P2135 TP sensors A and B rationality-plausibility error.  
P2136 Throttle/Pedal Position Sensor/Switch A/C Voltage Correlation  
P2137 Throttle/Pedal Position Sensor/Switch B / C Voltage Correlation  
P2138 Throttle/Pedal Position Sensor/Switch D / E Voltage Correlation  
P2139 Throttle/Pedal Position Sensor/Switch D/F Voltage Correlation  
P213A EGR Throttle Control Circuit B Open  
P213B EGR Throttle Control Circuit B Range/Performance  
P213C EGR Throttle Control Circuit B Low  
P213D EGR Throttle Control Circuit B High  
P213E Fuel Injection System Fault - Forced Engine Shutdown  
P213F Fuel Pump System Fault - Forced Engine Shutdown  
P2140 Throttle/Pedal Position Sensor/Switch E/F Voltage Correlation  
P2141 Exhaust Gas Recirculation Throttle Control Circuit Low  
P2142 Exhaust Gas Recirculation Throttle Control Circuit High  
P2143 Exhaust Gas Recirculation Vent Control Circuit / Open  
P2144 Exhaust Gas Recirculation Vent Control Circuit Low  
P2145 Exhaust Gas Recirculation Vent Control Circuit High  
P2146 Fuel Injector Group A Supply Voltage Circuit / Open  
P2147 Fuel Injector Group A Supply Voltage Circuit Low  
P2148 Fuel Injector Group A Supply Voltage Circuit High  
P2149 Fuel Injector Group B Supply Voltage Circuit / Open  
P2150 Fuel Injector Group B Supply Voltage Circuit Low  
P2151 Fuel Injector Group B Supply Voltage Circuit High  
P2152 Fuel Injector Group C Supply Voltage Circuit / Open  
P2153 Fuel Injector Group C Supply Voltage Circuit Low  
P2154 Fuel Injector Group C Supply Voltage Circuit High  
P2155 Fuel Injector Group D Supply Voltage Circuit / Open  
P2156 Fuel Injector Group D Supply Voltage Circuit Low  
P2157 Fuel Injector Group D Supply Voltage Circuit High  
P2158 Vehicle Speed Sensor B  
P2159 Vehicle Speed Sensor B Range/Performance  
P215A Vehicle Speed /Wheel Speed Correlation  
P215B Vehicle Speed/Output Shaft Speed Correlation  
P215C Output Shaft Speed/Wheel Speed Correlation  
P2160 Vehicle Speed Sensor B Circuit Low  
P2161 Vehicle Speed Sensor A Intermittent/Erratic  
P2162 Vehicle Speed Sensor A / B Correlation  
P2163 Throttle/Pedal Position Sensor A Maximum Stop Performance  
P2164 Throttle /Pedal Position Sensor B Maximum Stop Performance  
P2165 Throttle/Pedal Position Sensor C Maximum Stop Performance  
P2166 Throttle/Pedal Position Sensor D Maximum Stop Performance  
P2167 Throttle/Pedal Position Sensor E Maximum Stop Performance  
P2168 Throttle/Pedal Position Sensor F Maximum Stop Performance  
P2169 Exhaust Pressure Regulator Vent Solenoid Control Circuit / Open  
P216A Fuel Injector Group E Supply Voltage Circuit Open  
P216B Fuel Injector Group E Supply Voltage Circuit Low  
P216C Fuel Injector Group E Supply Voltage Circuit High

P216D Fuel Injector Group F Supply Voltage Circuit Open  
P216E Fuel Injector Group F Supply Voltage Circuit Low  
P216F Fuel Injector Group F Supply Voltage Circuit High  
P2170 Exhaust Pressure Regulator Vent Solenoid Control Circuit Low  
P2171 Exhaust Pressure Regulator Vent Solenoid Control Circuit High  
P2172 Throttle Actuator Control System - Sudden High Airflow Detected  
P2173 Throttle Actuator Control System - High Airflow Detected  
P2174 Throttle Actuator Control System - Sudden Low Airflow Detected  
P2175 Throttle Actuator Control System - Low Airflow Detected  
P2176 Throttle Actuator Control System - Idle Position Not Learned  
P2177 System Too Lean Off Idle - Bank 1  
P2178 System Too Rich Off Idle - Bank 1  
P2179 System Too Lean Off Idle - Bank 2  
P2180 System Too Rich Off Idle - Bank 2  
P2181 Cooling System Performance  
P2182 Engine Coolant Temperature Sensor 2 Circuit  
P2183 Engine Coolant Temperature Sensor 2 Circuit Range/Performance  
P2184 Engine Coolant Temperature Sensor 2 Circuit Low  
P2185 Engine Coolant Temperature Sensor 2 Circuit High  
P2186 Engine Coolant Temperature Sensor 2 Circuit Intermittent/Erratic  
P2187 System Too Lean at Idle - Bank 1  
P2188 System Too Rich at Idle - Bank 1  
P2189 System Too Lean at Idle - Bank 2  
P2190 System Too Rich at Idle - Bank 2  
P2191 System Too Lean at Higher Load - Bank 1  
P2192 System Too Rich at Higher Load - Bank 1  
P2193 System Too Lean at Higher Load - Bank 2  
P2194 System Too Rich at Higher Load - Bank 2  
P2195 HO2S11 not switching correctly.Sensor indicates lean.  
P2196 HO2S11 not switching correctly.Sensor indicates rich.  
P2197 Lack of HO2S21 Switch Sensor Indicates Lean  
P2198 O2 Sensor Signal Stuck Rich - Bank 2, Sensor 1  
P2199 Intake Air Temperature 1/2 Correlation  
P2200 Nox Sensor Circuit Bank 1  
P2201 Nox Sensor Circuit Range/Performance Bank 1  
P2202 Nox Sensor Circuit Low Input Bank 1  
P2203 Nox Sensor Circuit High Input Bank 1  
P2204 Nox Sensor Circuit Intermittent Bank 1  
P2205 Nox Sensor Heater Control Circuit Open Bank 1  
P2206 Nox Sensor Heater Control Circuit Low Bank 1  
P2207 Nox Sensor Heater Control Circuit High Bank 1  
P2208 Nox Sensor Heater Sense Circuit Bank 1  
P2209 Nox Sensor Heater Sense Circuit Range or Performance Bank 1  
P2210 Nox Sensor Heater Sense Circuit Low Input Bank 1  
P2211 Nox Sensor Heater Sense Circuit High Input Bank 1  
P2212 Nox Sensor Heater Sense Circuit Intermittent Bank 1  
P2213 Nox Sensor Circuit Bank 2  
P2214 Nox Sensor Circuit Range/Performance Bank 2  
P2215 Nox Sensor Circuit Low Input Bank 2  
P2216 Nox Sensor Circuit High Input Bank 2  
P2217 Nox Sensor Circuit Intermittent Bank 2  
P2218 Nox Sensor Heater Control Circuit Open Bank 2  
P2219 Nox Sensor Heater Control Circuit Low Bank 2  
P2220 Nox Sensor Heater Control Circuit High Bank 2

P2221 Nox Sensor Heater Sense Circuit Bank 2  
P2222 Nox Sensor Heater Sense Circuit Range or Performance Bank 2  
P2223 Nox Sensor Heater Sense Circuit Low Input Bank 2  
P2224 Nox Sensor Heater Sense Circuit High Input Bank 2  
P2225 Nox Sensor Heater Sense Circuit Intermittent Bank 2  
P2226 Barometric Pressure Circuit  
P2227 BARO Pressure Circuit Range/Performance  
P2228 BARO Pressure Circuit Low Input  
P2229 BARO Pressure Circuit High Input  
P222A Barometric Pressure Sensor B Circuit  
P222B Barometric Pressure Sensor B Circuit Range/Performance  
P222C Barometric Pressure Sensor B Circuit Low  
P222D Barometric Pressure Sensor B Circuit High  
P222E Barometric Pressure Sensor B Circuit Intermittent/Erratic  
P222F Barometric Pressure Sensor A/B Correlation  
P2230 Barometric Pressure Circuit Intermittent  
P2231 Oxygen Sensor Signal Circuit Shorted to Heater Circuit - Bank 1  
P2232 Oxygen Sensor Signal Circuit Shorted to Heater Circuit - Bank 1  
P2233 Oxygen Sensor Signal Circuit Shorted to Heater Circuit - Bank 1  
P2234 Oxygen Sensor Signal Circuit Shorted to Heater Circuit - Bank 2  
P2235 Oxygen Sensor Signal Circuit Shorted to Heater Circuit - Bank 2  
P2236 Oxygen Sensor Signal Circuit Shorted to Heater Circuit - Bank 2  
P2237 Oxygen Sensor Pumping Current Circuit Open - Bank 1  
P2238 Oxygen Sensor Pumping Current Circuit Low - Bank 1  
P2239 Oxygen Sensor Pumping Current Circuit High - Bank 1  
P2240 Oxygen Sensor Pumping Current Circuit Open - Bank 2  
P2241 Oxygen Sensor Pumping Current Circuit Low - Bank 2  
P2242 Oxygen Sensor Pumping Current Circuit High - Bank 2  
P2243 Oxygen Sensor Reference Voltage Circuit Open - Bank 1  
P2244 Oxygen Sensor Reference Voltage Performance - Bank 1  
P2245 Oxygen Sensor Reference Voltage Circuit Low - Bank 1  
P2246 Oxygen Sensor Reference Voltage Circuit High - Bank 1  
P2247 Oxygen Sensor Reference Voltage Circuit Open - Bank 2  
P2248 Oxygen Sensor Reference Voltage Performance - Bank 2  
P2249 Oxygen Sensor Reference Voltage Circuit Low - Bank 2  
P2250 Oxygen Sensor Reference Voltage Circuit High - Bank 2  
P2251 Oxygen Sensor Reference Ground Circuit Open - Bank 1  
P2252 Oxygen Sensor Reference Ground Circuit Low - Bank 1  
P2253 Oxygen Sensor Reference Ground Circuit High - Bank 1  
P2254 Oxygen Sensor Reference Ground Circuit Open - Bank 2  
P2255 Oxygen Sensor Reference Ground Circuit Low - Bank 2  
P2256 Oxygen Sensor Reference Ground Circuit High - Bank 2  
P2257 SAIRM Circuit Low Voltage  
P2258 SAIRM Circuit High Voltage  
P2259 Secondary Air Injection System Control B Circuit Low  
P2260 Secondary Air Injection System Control B Circuit High  
P2261 Turbo or Super Charger Bypass Valve - Mechanical  
P2262 Turbocharger/Supercharger Boost Pressure Not Detected - Mechanical  
P2263 Turbocharger/Supercharger Boost System Performance  
P2264 Water-in-Fuel Sensor Circuit  
P2265 Water in Fuel Sensor Circuit Range or Performance  
P2266 Water in Fuel Sensor Circuit Low  
P2267 Water in Fuel Sensor Circuit High  
P2268 Water In Fuel Sensor Circuit Intermittent

P2269 Water-in-Fuel Condition  
P226A Water In Fuel Lamp Control Circuit  
P226B Turbocharger/Supercharger Boost Pressure Too High - Mechanical  
P2270 HO2S Sensor Signal Stuck Lean - Bank 1,Sensor 2  
P2271 HO2S Sensor Signal Stuck Rich - Bank 1,Sensor 2  
P2272 HO2S Sensor Signal Stuck Lean - Bank 2,Sensor 2  
P2273 HO2S Sensor Signal Stuck Rich - Bank 2,Sensor 2  
P2274 O2 Sensor Signal Stuck Lean - Bank 1,Sensor 3  
P2275 O2 Sensor Signal Stuck Rich - Bank 1,Sensor 3  
P2276 O2 Sensor Signal Stuck Lean - Bank 2,Sensor 3  
P2277 O2 Sensor Signal Stuck Rich - Bank 2,Sensor 3  
P2278 Oxygen Sensor Signals Swapped Bank 1 Sensor 3/Bank 2 Sensor 3  
P2279 Intake Air System Leak  
P2280 Air Flow Restriction/Air Leak Between Air Cleaner and MAF  
P2281 Air Leak Between MAF and Throttle Body  
P2282 Air Leak between throttle plate and inlet valves.  
P2283 Injector Control Pressure Sensor Circuit  
P2284 ICP Sensor Circuit Range/Performance  
P2285 ICP Sensor Circuit Low  
P2286 ICP Sensor Circuit High  
P2287 Injector Control Pressure Sensor Circuit Intermittent  
P2288 ICP Too High  
P2289 ICP Too High - Engine Off  
P228A Fuel Pressure Regulator 1 - Forced Engine Shutdown  
P228B Fuel Pressure Regulator 2 - Forced Engine Shutdown  
P228C Fuel Pressure Regulator 1 Exceeded Control Limits - Pressure Too Low  
P228D Fuel Pressure Regulator 1 Exceeded Control Limits - Pressure Too High  
P228E Fuel Pressure Regulator 1 Exceeded Learning Limits - Too Low  
P228F Fuel Pressure Regulator 1 Exceeded Learning Limits - Too Low  
P2290 ICP Too Low  
P2291 ICP Too Low - Engine Cranking  
P2292 ICP Erratic  
P2293 Fuel Pressure Regulator 2 Performance  
P2294 Fuel Pressure Regulator 2 Control Circuit  
P2295 Fuel Pressure Regulator 2 Control Circuit Low  
P2296 Fuel Pressure Regulator 2 Control Circuit High  
P2297 Oxygen Sensor Out of Range During Deceleration Bank 1  
P2298 Oxygen Sensor Out of Range During Deceleration Bank 2  
P2299 Brake Pedal Position/Accelerator Pedal Position Incompatible  
P229A Fuel Pressure Regulator 2 Exceeded Control Limits - Pressure Too Low  
P229B Fuel Pressure Regulator 2 Exceeded Control Limits - Pressure Too High  
P229C Fuel Pressure Regulator 2 Exceeded Learning Limits - Too Low  
P229D Fuel Pressure Regulator 2 Exceeded Learning Limits - Too Low  
P2300 Ignition Coil A Primary Control Circuit Low  
P2301 Ignition Coil A Primary Control Circuit High  
P2302 Ignition Coil A Secondary Circuit  
P2303 Ignition Coil B Primary Control Circuit Low  
P2304 Ignition Coil B Primary Control Circuit High  
P2305 Ignition Coil B Secondary Circuit  
P2306 Ignition Coil C Primary Control Circuit Low  
P2307 Ignition Coil C Primary Control Circuit High  
P2308 Ignition Coil C Secondary Circuit  
P2309 Ignition Coil D Primary Control Circuit Low  
P2310 Ignition Coil D Primary Control Circuit High

P2311 Ignition Coil D Secondary Circuit  
P2312 Ignition Coil E Primary Control Circuit Low  
P2313 Ignition Coil E Primary Control Circuit High  
P2314 Ignition Coil E Secondary Circuit  
P2315 Ignition Coil F Primary Control Circuit Low  
P2316 Ignition Coil F Primary Control Circuit High  
P2317 Ignition Coil F Secondary Circuit  
P2318 Ignition Coil G Primary Control Circuit Low  
P2319 Ignition Coil G Primary Control Circuit High  
P2320 Ignition Coil G Secondary Circuit  
P2321 Ignition Coil H Primary Control Circuit Low  
P2322 Ignition Coil H Primary Control Circuit High  
P2323 Ignition Coil H Secondary Circuit  
P2324 Ignition Coil I Primary Control Circuit Low  
P2325 Ignition Coil I Primary Control Circuit High  
P2326 Ignition Coil I Secondary Circuit  
P2327 Ignition Coil J Primary Control Circuit Low  
P2328 Ignition Coil J Primary Control Circuit High  
P2329 Ignition Coil J Secondary Circuit  
P2330 Ignition Coil K Primary Control Circuit Low  
P2331 Ignition Coil K Primary Control Circuit High  
P2332 Ignition Coil K Secondary Circuit  
P2333 Ignition Coil L Primary Control Circuit Low  
P2334 Ignition Coil L Primary Control Circuit High  
P2335 Ignition Coil L Secondary Circuit  
P2336 Cylinder 1 knock control limit attained  
P2337 Cylinder 2 knock control limit attained  
P2338 Cylinder 3 knock control limit attained  
P2339 Cylinder 4 knock control limit attained  
P2340 Cylinder No.5 Above Knock Threshold  
P2341 Cylinder No.6 Above Knock Threshold  
P2342 Cylinder No.7 Above Knock Threshold  
P2343 Cylinder No.8 Above Knock Threshold  
P2344 Cylinder No.9 Above Knock Threshold  
P2345 Cylinder No.10 Above Knock Threshold  
P2346 Cylinder No.11 Above Knock Threshold  
P2347 Cylinder No.12 Above Knock Threshold  
P2350 Ignition Switch Run Position Circuit  
P2400 EVAP System Leak Detection Pump Control Circuit Open  
P2401 EVAP System Leak Detection Pump Control Circuit Low  
P2402 EVAP System Leak Detection Pump Control Circuit High  
P2403 EVAP System Leak Detection Pump Sense Circuit Open  
P2404 Evaporative Emission System Leak Detection Pump Sense Circuit Range/Performance  
P2405 EVAP System Leak Detection Pump Sense Circuit Low  
P2406 EVAP System Leak Detection Pump Sense Circuit High  
P2407 EVAP System Leak Detection Pump Sense Circuit Intermittent/Erratic  
P2408 Fuel Cap Sensor/Switch Circuit  
P2409 Fuel Cap Sensor/Switch Circuit Range or Performance  
P240A EVAP System Leak Detection Pump Heater Circuit/Open  
P240B EVAP System Leak Detection Pump Heater Circuit Low  
P240C EVAP System Leak Detection Pump Heater Circuit High  
P2410 Fuel Cap Sensor/Switch Circuit Low  
P2411 Fuel Cap Sensor/Switch Circuit High  
P2412 Fuel Cap Sensor/Switch Circuit Intermittent/Erratic

P2413 Exhaust Gas Recirculation System Performance  
P2414 Oxygen Sensor Exhaust Sample Error Bank 1  
P2415 Oxygen Sensor Exhaust Sample Error Bank 2  
P2416 Oxygen Sensor Signals Swapped Bank 1 Sensor 2/Bank 1 Sensor 3  
P2417 Oxygen Sensor Signals Swapped Bank 2 Sensor 2/Bank 2 Sensor 3  
P2418 EVAP Control System Switching Valve Control Circuit Open  
P2419 EVAP Control System Switching Valve Control Circuit Low  
P2420 EVAP Control System Switching Valve Control Circuit High  
P2421 EVAP Control System Vent Valve Stuck Open  
P2422 EVAP Control System Vent Valve Stuck Closed  
P2423 HC Absorption Catalyst Efficiency Below Threshold Bank 1  
P2424 HC Absorption Catalyst Efficiency Below Threshold Bank 2  
P2425 EGR Cooling Valve Control Circuit/Open  
P2426 EGR Cooling Valve Control Circuit Low  
P2427 EGR Cooling Valve Control Circuit High  
P2428 Exhaust Gas Temperature Too High Bank 1  
P2429 Exhaust Gas Temperature Too High Bank 2  
P242A Exhaust Gas Temperature Sensor Circuit Bank 1 Sensor 3  
P242B Exhaust Gas Temperature Sensor Circuit Range/Performance Bank 1 Sensor 3  
P242C Exhaust Gas Temperature Sensor Circuit Low Bank 1 Sensor 3  
P242D Exhaust Gas Temperature Sensor Circuit High Bank 1 Sensor 3  
P242E Exhaust Gas Temperature Sensor Circuit Intermittent/Erratic Bank 1 Sensor 3  
P242F Diesel Particulate Filter Restriction - Ash Accumulation  
P2430 AIR System Air Flow/Pressure Sensor Circuit Bank 1  
P2431 AIR System Air Flow/Pressure Sensor Circuit Range/Performance Bank 1  
P2432 AIR System Air Flow/Pressure Sensor Circuit Low Input Bank 1  
P2433 AIR System Air Flow/Pressure Sensor Circuit High Input Bank 1  
P2434 AIR System Air Flow/Pressure Sensor Circuit Intermittent High Input Bank 1  
P2435 AIR System Air Flow/Pressure Sensor Circuit Bank 2  
P2436 AIR System Air Flow/Pressure Sensor Circuit Range/Performance Bank 2  
P2437 AIR System Air Flow/Pressure Sensor Circuit Low Input Bank 2  
P2438 AIR System Air Flow/Pressure Sensor Circuit High Input Bank 2  
P2439 AIR System Air Flow/Pressure Sensor Circuit Intermittent High Input Bank 2  
P2440 AIR System Switching Valve Stuck Open Bank 1  
P2441 AIR System Switching Valve Stuck Closed Bank 1  
P2442 AIR System Switching Valve Stuck Open Bank 2  
P2443 AIR System Switching Valve Stuck Closed Bank 2  
P2444 AIR System Pump Stuck On Bank 1  
P2445 AIR System Pump Stuck Off Bank 1  
P2446 AIR System Pump Stuck On Bank 2  
P2447 AIR System Pump Stuck Off Bank 2  
P2448 Secondary Air Injection System High Airflow Bank 1  
P2449 Secondary Air Injection System High Airflow Bank 2  
P244A Diesel Particulate Filter Differential Pressure Too Low  
P244B Diesel Particulate Filter Differential Pressure Too High  
P244C Catalyst Temperature Too Low During Regeneration,Bank 1  
P244D Catalyst Temperature Too High During Regeneration,Bank 1  
P244E Catalyst Temperature Too Low During Regeneration,Bank 2  
P244F Catalyst Temperature Too High During Regeneration,Bank 2  
P2450 Evaporative Emission Control System Switching Valve Performance or Stuck Open  
P2451 Evaporative Emission Control System Switching Valve Stuck Closed  
P2452 Particulate Matter Trap Differential Pressure Sensor Circuit  
P2453 Particulate Matter Trap Differential Pressure Sensor Circuit Range/Performance  
P2454 Particulate Matter Trap Differential Pressure Sensor Circuit Low



P2455 Particulate Matter Trap Differential Pressure Sensor Circuit High  
P2456 Particulate Matter Trap Differential Pressure Sensor Circuit Intermittent/Erratic  
P2457 Exhaust Gas Recirculation Cooler System Performance  
P2458 Diesel Particulate Filter Regeneration Duration  
P2459 Diesel Particulate Filter Regeneration Frequency  
P245A EGR Cooler Bypass Control Circuit  
P245B EGR Cooler Bypass Control Circuit Range/Performance  
P245C EGR Cooler Bypass Control Circuit Low  
P245D EGR Cooler Bypass Control Circuit High  
P245E Diesel Particulate Filter Pressure Sensor B Circuit  
P245F Diesel Particulate Filter Pressure Sensor B Circuit Range/Performance  
P2460 Diesel Particulate Filter Pressure Sensor B Circuit Low  
P2461 Diesel Particulate Filter Pressure Sensor B Circuit High  
P2462 Diesel Particulate Filter Pressure Sensor B Circuit Intermittent/Erratic  
P2463 Diesel Particulate Filter - Soot Accumulation  
P246B Vehicle Conditions Incorrect for Diesel Particulate Filter Regeneration  
P246C Diesel Particulate Filter Restriction - Forced Limited Power  
P246D Diesel Particulate Filter Pressure Sensor A/B Correlation  
P246E Exhaust Gas Temperature Sensor Circuit (Bank 1 Sensor 4)  
P246F Exhaust Gas Temperature Sensor Circuit Range/Performance (Bank 1 Sensor 4)  
P2470 Exhaust Gas Temperature Sensor Circuit Low (Bank 1 Sensor 4)  
P2471 Exhaust Gas Temperature Sensor Circuit High (Bank 1 Sensor 4)  
P2472 Exhaust Gas Temperature Sensor Circuit Intermittent/Erratic (Bank 1 Sensor 4)  
P2473 Exhaust Gas Temperature Sensor Circuit (Bank 2 Sensor 4)  
P2474 Exhaust Gas Temperature Sensor Circuit Range/Performance (Bank 2 Sensor 4)  
P2475 Exhaust Gas Temperature Sensor Circuit Low (Bank 2 Sensor 4)  
P2476 Exhaust Gas Temperature Sensor Circuit High (Bank 2 Sensor 4)  
P2477 Exhaust Gas Temperature Sensor Circuit Intermittent/Erratic (Bank 2 Sensor 4)  
P2478 HSDN\_A478\_BCE  
P2500 Generator Lamp Terminal Circuit Low  
P2501 Generator Lamp Terminal Circuit High  
P2502 Charging System Voltage  
P2503 Charging System Voltage Low  
P2504 Charging System Voltage High  
P2505 ECM / PCM Power Input Signal  
P2506 ECM / PCM Power Input Signal Range or Performance  
P2507 ECM / PCM Power Input Signal Low  
P2508 ECM / PCM Power Input Signal High  
P2509 ECM / PCM Power Input Signal Intermittent  
P250A Engine Oil Level Sensor Circuit  
P250B Engine Oil Level Sensor Circuit Range/Performance  
P250C Engine Oil Level Sensor Circuit Low  
P250D Engine Oil Level Sensor Circuit High  
P250E Engine Oil Level Sensor Circuit Intermittent/Erratic  
P250F Engine Oil Level Too Low  
P2510 ECM / PCM Power Relay Sense Circuit Range or Performance  
P2511 ECM / PCM Power Relay Sense Circuit Intermittent  
P2512 Event Data Recorder Request Circuit Open  
P2513 Event Data Recorder Request Circuit Low  
P2514 Event Data Recorder Request Circuit High  
P2515 A/C Refrigerant Pressure Sensor B Circuit  
P2516 A/C Refrigerant Pressure Sensor B Circuit Range or Performance  
P2517 A/C Refrigerant Pressure Sensor B Circuit Low Input  
P2518 A/C Refrigerant Pressure Sensor B Circuit High Input

P2519 A/C Request A Circuit  
P251A PTO Enable Switch Circuit/Open  
P251B PTO Enable Switch Circuit Low  
P251C PTO Enable Switch Circuit High  
P251D PTO Engine Shutdown Circuit / Open  
P251E PTO Engine Shutdown Circuit Low  
P251F PTO Engine Shutdown Circuit High  
P2520 A/C Request A Circuit Low  
P2521 A/C Request A Circuit High  
P2522 A/C Request B Circuit  
P2523 A/C Request B Circuit Low  
P2524 A/C Request B Circuit High  
P2525 Vacuum Reservoir Pressure Sensor Circuit  
P2526 Vacuum Reservoir Pressure Sensor Circuit Range or Performance  
P2527 Vacuum Reservoir Pressure Sensor Circuit Low  
P2528 Vacuum Reservoir Pressure Sensor Circuit High  
P2529 Vacuum Reservoir Pressure Sensor Circuit Intermittent  
P252A Engine Oil Quality Sensor Circuit  
P252B Engine Oil Quality Sensor Circuit Range/Performance  
P252C Engine Oil Quality Sensor Circuit Low  
P252D Engine Oil Quality Sensor Circuit High  
P252E Engine Oil Quality Circuit Intermittent/Erratic  
P252F Engine Oil Level Too High  
P2530 Ignition Switch Run Position Circuit  
P2531 Ignition Switch Run Position Circuit Low  
P2532 Ignition Switch Run Position Circuit High  
P2533 Ignition Switch Run/Start Position Circuit  
P2534 Ignition Switch Run/Start Position Circuit Low  
P2535 Ignition Switch Run/Start Position Circuit High  
P2536 Ignition Switch Accessory Position Circuit  
P2537 Ignition Switch Accessory Position Circuit Low  
P2538 Ignition Switch Accessory Position Circuit High  
P2539 Low Pressure Fuel System Sensor Circuit  
P253A PTO Sense Circuit/Open  
P253B PTO Sense Circuit Range/Performance  
P253C PTO Sense Circuit Low  
P253D PTO Sense Circuit High  
P253E PTO Sense Circuit Intermittent/Erratic  
P253F Engine Oil Deteriorated  
P2540 Low Pressure Fuel System Sensor Circuit Range or Performance  
P2541 Low Pressure Fuel System Sensor Circuit Low Input  
P2542 Low Pressure Fuel System Sensor Circuit High Input  
P2543 Low Pressure Fuel System Sensor Circuit Intermittent  
P2544 Torque Management Request Input Signal A  
P2545 Torque Management Request Input Signal A Range / Performance  
P2546 Torque Management Request Input Signal A Low  
P2547 Torque Management Request Input Signal A High  
P2548 Torque Management Request Input Signal B  
P2549 Torque Management Request Input Signal B Range / Performance  
P254A PTO Speed Selector Sensor /Switch 1 Circuit/Open  
P254B PTO Speed Selector Sensor /Switch 1 Circuit Range/Performance  
P254C PTO Speed Selector Sensor /Switch 1 Circuit Low  
P254D PTO Speed Selector Sensor /Switch 1 Circuit High  
P254E PTO Speed Selector Sensor /Switch 1 Circuit Intermittent/Erratic

P254F Engine Hood Switch Circuit  
P2550 Torque Management Request Input Signal B Low  
P2551 Torque Management Request Input Signal B High  
P2552 Throttle/Fuel Inhibit Circuit / Open  
P2553 Throttle/Fuel Inhibit Circuit Range / Performance  
P2554 Throttle/Fuel Inhibit Circuit Low  
P2555 Throttle/Fuel Inhibit Circuit High  
P2556 Engine Coolant Level Sensor/Switch Circuit  
P2557 Engine Coolant Level Sensor/Switch Circuit Range / Performance  
P2558 Engine Coolant Level Sensor/Switch Circuit Low  
P2559 Engine Coolant Level Sensor/Switch Circuit High  
P255A PTO Speed Selector Sensor/Switch 2 Circuit/Open  
P255B PTO Speed Selector Sensor/Switch 2 Circuit Range/Performance  
P255C PTO Speed Selector Sensor/Switch 2 Circuit Low  
P255D PTO Speed Selector Sensor/Switch 2 Circuit High  
P255E PTO Speed Selector Sensor/Switch 2 Circuit Intermittent/Erratic  
P255F A / C Request A Circuit Range/Performance  
P2560 Engine Coolant Level Low  
P2561 A/C Control Module Requested MIL Illumination  
P2562 Turbocharger Boost Control Position Sensor Circuit  
P2563 Turbocharger Boost Control Position Sensor Circuit Range/Performance  
P2564 Turbocharger Boost Control Position Sensor Circuit Low  
P2565 Turbocharger Boost Control Position Sensor Circuit High  
P2566 Turbocharger Boost Control Position Sensor Circuit Intermittent  
P2567 Direct Ozone Reduction Catalyst Temperature Sensor Circuit  
P2568 Direct Ozone Reduction Catalyst Temperature Sensor Circuit Rnge/Performance  
P2569 Direct Ozone Reduction Catalyst Temperature Sensor Circuit Low  
P256A Engine Idle Speed Selector Sensor/Switch Circuit/Open  
P256B Engine Idle Speed Selector Sensor/Switch Circuit Range/Performance  
P256C Engine Idle Speed Selector Sensor/Switch Circuit Low  
P256D Engine Idle Speed Selector Sensor/Switch Circuit High  
P256E Engine Idle Speed Selector Sensor/Switch Circuit Intermittent/Erratic  
P256F A/C Request B Circuit Range/Performance  
P2570 Direct Ozone Reduction Catalyst Temperature Sensor Circuit High  
P2571 Direct ozone Reduction Catalyst Temperature Sensor Circuit Intermittent/Erratic  
P2572 Direct Ozone Reduction Catalyst Deterioration Sensor Circuit  
P2573 Direct Ozone Reduction Catalyst Deterioration Sensor Circuit Range/Performance  
P2574 Direct Ozone Reduction Catalyst Deterioration Sensor Circuit Low  
P2575 Direct Ozone Reduction Catalyst Delerioration Sensor Circuit High  
P2576 Direct Ozone Reduction Catalyst Deterioration Sensor Circuit Intermittent/Erratic  
P2577 Dierct Ozone Reduction Catalyst Efficiency Below Threshold  
P2578 Turbocharger Speed Sensor Circuit  
P2579 Turbocharger Speed Sensor Circuit Range/Performance  
P257A Vacuum Reservoir Control Circuit Open  
P257B Vacuum Reservoir Control Circuit Low  
P257C Vacuum Reservoir Control Circuit High  
P257D Engine Hood Switch Circuit Range/Performance  
P257E Engine Hood Switch Circuit Low  
P257F Engine Hood Switch Circuit High  
P2580 Turbocharger Speed Sensor Circuit Low  
P2581 Turbocharger Speed Sensor Circuit High  
P2582 Turbocharger Speed Sensor Intermittent  
P2583 Cruise Control Front Distance Range Sensor  
P2584 Fuel Additive Control Module MIL Request

P2585 Fuel Additive Control Module Warning Lamp Request  
P2586 Turbocharger Boost Control Position Sensor B Circuit  
P2587 Turbocharger Boost Control Position Sensor B Circuit Range/Performance  
P2588 Turbocharger Boost Control Position Sensor B Circuit Low  
P2589 Turbocharger Boost Control Position Sensor B Circuit High  
P258A Vacuum Pump Control Circuit Open  
P258B Vacuum Pump Control Range/Performance  
P258C Vacuum Pump Control Circuit Low  
P258D Vacuum Pump Control Circuit High  
P258E PTO Enable Switch Performance  
P258F Torque Management Request Output Signal  
P2590 Turbocharger Boost Control Position Sensor B Circuit Intermittent  
P2591 Cruise Control Front Distance Range Sensor - Left  
P2592 Cruise Control Front Distance Range Sensor - Right  
P2600 Coolant Pump Control Circuit Open  
P2601 Coolant Pump Control Circuit Range or Performance  
P2602 Coolant Pump Control Circuit Low  
P2603 Coolant Pump Control Circuit High  
P2604 Intake Air Heater A Circuit Range or Performance  
P2605 Intake Air Heater B Circuit Open  
P2606 Intake Air Heater B Circuit Range or Performance  
P2607 Intake Air Heater B Circuit Low  
P2608 Intake Air Heater B Circuit High  
P2609 Intake Air Heater System Performance  
P260A PTO Control Circuit/Open  
P260B PTO Control Circuit Low  
P260C PTO Control Circuit High  
P260D PTO Engaged Lamp Control Circuit  
P260F Evaporative System Monitoring Processor Performance  
P2610 ECM / PCM Internal Engine Off Timer Performance  
P2611 A/C Refrigerant Distribution Valve Control Circuit Open  
P2612 A/C Refrigerant Distribution Valve Control Circuit Low  
P2613 A/C Refrigerant Distribution Valve Control Circuit High  
P2614 Camshaft Position Output Circuit / Open  
P2615 Camshaft Position Output Circuit Low  
P2616 Camshaft Position Output Circuit high  
P2617 Crankshaft Position Output Circuit / Open  
P2618 Crankshaft Position Output Circuit Low  
P2619 Crankshaft Position Output Circuit high  
P261A Coolant Pump B Control Circuit Open  
P261B Coolant Pump B Control Circuit Range/Performance  
P261C Coolant Pump B Control Circuit Low  
P261D Coolant Pump B Control Circuit High  
P2620 Throttle Position Output Circuit / Open  
P2621 Throttle Position Output Circuit Low  
P2622 Throttle Position Output Circuit high  
P2623 ICP Regulator / Open  
P2624 Injector Control Pressure Regulator Low  
P2625 Injector Control Pressure Regulator High  
P2626 Oxygen Sensor Pumping Current Trim Circuit Open Bank 1 Sensor 1  
P2627 Oxygen Sensor Pumping Current Trim Circuit Low Bank 1  
P2628 Oxygen Sensor Pumping Current Trim Circuit High Bank 1  
P2629 Oxygen Sensor Pumping Current Trim Circuit Open Bank 2 Sensor 1  
P2630 Oxygen Sensor Pumping Current Trim Circuit Low Bank 2

P2631 Oxygen Sensor Pumping Current Trim Circuit High Bank 2  
P2632 Fuel Pump B Control Circuit Open  
P2633 Fuel Pump B Control Circuit Low  
P2634 Fuel Pump B Control Circuit High  
P2635 Fuel Pump A Low Flow / Performance  
P2636 Fuel Pump B Low Flow / Performance  
P2637 Torque Management Feedback Signal A  
P2638 Torque Management Feedback Signal A Range / Performance  
P2639 Torque Management Feedback Signal A Low  
P2640 Torque Management Feedback Signal A High  
P2641 Torque Management Feedback Signal B  
P2642 Torque Management Feedback Signal B Range / Performance  
P2643 Torque Management Feedback Signal B Low  
P2644 Torque Management Feedback Signal B High  
P2645 A Rocker Arm Actuator Control Circuit/Open Bank 1  
P2646 A Rocker Arm Actuator Control System Performance or Stuck Off Bank 1  
P2647 A Rocker Arm Actuator Control System Stuck On Bank 1  
P2648 A Rocker Arm Actuator Control Circuit Low Bank 1  
P2649 A Rocker Arm Actuator Control Circuit High Bank 1  
P264A A Rocker Arm Actuator Position Sensor Circuit Bank 1  
P264B A Rocker Arm Actuator Position Sensor Circuit Range/Performance Bank 1  
P264C A Rocker Arm Actuator Position Sensor Circuit Low Bank 1  
P264D A Rocker Arm Actuator Position Sensor Circuit High Bank 1  
P264E A Rocker Arm Actuator Position Sensor Circuit Intermittent/Erratic Bank 1  
P2650 B Rocker Arm Actuator Control Circuit/Open Bank 1  
P2651 B Rocker Arm Actuator Control System Performance or Stuck Off Bank 1  
P2652 B Rocker Arm Actuator Control System Stuck On Bank 1  
P2653 B Rocker Arm Actuator Control Circuit Low Bank 1  
P2654 B Rocker Arm Actuator Control Circuit High Bank 1  
P2655 A Rocker Arm Actuator Control Circuit/Open Bank 2  
P2656 A Rocker Arm Actuator Control System Performance or Stuck Off Bank 2  
P2657 A Rocker Arm Actuator Control System Stuck On Bank 2  
P2658 A Rocker Arm Actuator Control Circuit Low Bank 2  
P2659 A Rocker Arm Actuator Control Circuit High Bank 2  
P265A B Rocker Arm Actuator Position Sensor Circuit Bank 1  
P265B B Rocker Arm Actuator Position Sensor Circuit Range/Performance Bank 1  
P265C B Rocker Arm Actuator Position Sensor Circuit Low Bank 1  
P265D B Rocker Arm Actuator Position Sensor Circuit High Bank 1  
P265E B Rocker Arm Actuator Position Sensor Circuit Intermittent/Erratic Bank 1  
P2660 B Rocker Arm Actuator Control Circuit/Open Bank 2  
P2661 B Rocker Arm Actuator Control System Performance or Stuck Off Bank 2  
P2662 B Rocker Arm Actuator Control System Stuck On Bank 2  
P2663 B Rocker Arm Actuator Control Circuit Low Bank 2  
P2664 B Rocker Arm Actuator Control Circuit High Bank 2  
P2665 Fuel Shutoff Valve B Control Circuit/Open  
P2666 Fuel Shutoff Valve B Control Circuit Low  
P2667 Fuel Shutoff Valve B Control Circuit High  
P2668 Fuel Indicator Lamp Control Circuit  
P2669 Actuator Supply Voltage B Circuit/Open  
P266A A Rocker Arm Actuator Position Sensor Circuit Bank 2  
P266B A Rocker Arm Actuator Position Sensor Circuit Range/Performance Bank 2  
P266C A Rocker Arm Actuator Position Sensor Circuit Low Bank 2  
P266D A Rocker Arm Actuator Position Sensor Circuit High Bank 2  
P266E A Rocker Arm Actuator Position Sensor Circuit Intermittent/Erratic Bank 2

P266F Description Not Provided  
P2670 Actuator Supply Voltage B Circuit Low  
P2671 Actuator Supply Voltage B Circuit High  
P2672 Injection Pump Timing Offset  
P2673 Injection Pump Timing Calibration Not Learned  
P2674 Injection Pump Fuel Calibration Not Learned  
P2675 Air Cleaner Inlet Control Circuit / Open  
P2676 Air Cleaner Inlet Control Circuit Low  
P2677 Air Cleaner Inlet Control Circuit High  
P2678 Coolant Degassing Valve Control Circuit / Open  
P2679 Coolant Degassing Valve Control Circuit Low  
P267A B Rocker Arm Actuator Position Sensor Circuit Bank 2  
P267B B Rocker Arm Actuator Position Sensor Circuit Range/Performance Bank 2  
P267C B Rocker Arm Actuator Position Sensor Circuit Low Bank 2  
P267D B Rocker Arm Actuator Position Sensor Circuit High Bank 2  
P267E B Rocker Arm Actuator Position Sensor Circuit Intermittent/Erratic Bank 2  
P2680 Coolant Degassing Valve Control Circuit High  
P2681 Engine Coolant Bypass Valve Control Circuit / Open  
P2682 Engine Coolant Bypass Valve Control Circuit Low  
P2683 Engine Coolant Bypass Valve Control Circuit High  
P2684 Actuator Supply Voltage C Circuit Open  
P2685 Actuator Supply Voltage C Circuit Low  
P2686 Actuator Supply Voltage C Circuit High  
P2687 Fuel Supply Heater Control Circuit Open  
P2688 Fuel Supply Heater Control Circuit Low  
P2689 Fuel Supply Heater Control Circuit High  
P268A Fuel Injector Calibration Not Learned/Programmed  
P268B High Pressure Fuel Pump Calibration Not Learned/Programmed  
P268C Cylinder 1 Injector Data Incompatible  
P268D Cylinder 2 Injector Data Incompatible  
P268E Cylinder 3 Injector Data Incompatible  
P268F Cylinder 4 Injector Data Incompatible  
P2690 Cylinder 5 Injector Data Incompatible  
P2691 Cylinder 6 Injector Data Incompatible  
P2692 Cylinder 7 Injector Data Incompatible  
P2693 Cylinder 8 Injector Data Incompatible  
P2694 Cylinder 9 Injector Data Incompatible  
P2695 Cylinder 10 Injector Data Incompatible  
P2696 Injector Data Incompatible  
P2700 Transmission Friction Element A Apply Time Range or Performance  
P2701 Transmission Friction Element B Apply Time Range or Performance  
P2702 Transmission Friction Element C Apply Time Range or Performance  
P2703 Transmission Friction Element D Apply Time Range or Performance  
P2704 Transmission Friction Element E Apply Time Range or Performance  
P2705 Transmission Friction Element F Apply Time Range or Performance  
P2706 Shift Solenoid F  
P2707 Shift Solenoid F Performance or Stuck Off  
P2708 Shift Solenoid F Stuck On  
P2709 Shift Solenoid F Electrical  
P2710 Shift Solenoid F Intermittent  
P2711 Unexpected Mechanical gear disengagement  
P2712 Hydraulic pressure unit leakage  
P2713 Pressure Control Solenoid D  
P2714 Pressure Control Solenoid D Performance or Stuck Off

P2715 Pressure Control Solenoid D Stuck On  
P2716 Pressure Control Solenoid D Electrical  
P2717 Pressure Control Solenoid D Intermittent  
P2718 Pressure Control Solenoid D Control Circuit Open  
P2719 Pressure Control Solenoid D Control Circuit Range or Performance  
P2720 Pressure Control Solenoid D Control Circuit Low  
P2721 Pressure Control Solenoid D Control Circuit High  
P2722 Pressure Control Solenoid E  
P2723 Pressure Control Solenoid E Performance or Stuck Off  
P2724 Pressure Control Solenoid E Stuck On  
P2725 Pressure Control Solenoid E Electrical  
P2726 Pressure Control Solenoid E Intermittent  
P2727 Pressure Control Solenoid E Control Circuit Open  
P2728 Pressure Control Solenoid E Control Circuit Range or Performance  
P2729 Pressure Control Solenoid E Control Circuit Low  
P2730 Pressure Control Solenoid E Control Circuit High  
P2731 Pressure Control Solenoid F  
P2732 Pressure Control Solenoid F Performance or Stuck Off  
P2733 Pressure Control Solenoid F Stuck On  
P2734 Pressure Control Solenoid F Electrical  
P2735 Pressure Control Solenoid F Intermittent  
P2736 Pressure Control Solenoid F Control Circuit Open  
P2737 Pressure Control Solenoid F Control Circuit Range/Performance  
P2738 Pressure Control Solenoid F Control Circuit Low  
P2739 Pressure Control Solenoid F Control Circuit High  
P273A Transmission Friction Element G Apply Time Range/Performance  
P273B Transmission Friction Element H Apply Time Range/Performance  
P2740 Transmission Fluid Temperature Sensor B Circuit  
P2741 Transmission Fluid Temperature Sensor B Circuit Range/Performance  
P2742 Transmission Fluid Temperature Sensor B Circuit Low Input  
P2743 Transmission Fluid Temperature Sensor B Circuit High Input  
P2744 Transmission Fluid Temperature Sensor B Circuit Intermittent  
P2745 Intermediate Shaft Speed Sensor B Circuit  
P2746 Intermediate Shaft Speed Sensor B Circuit Range/Performance  
P2747 Intermediate Shaft Speed Sensor B Circuit No Signal  
P2748 Intermediate Shaft Speed Sensor B Circuit Intermittent  
P2749 Intermediate Shaft Speed Sensor C Circuit  
P2750 Intermediate Shaft Speed Sensor C Circuit Range/Performance  
P2751 Intermediate Shaft Speed Sensor C Circuit No Signal  
P2752 Intermediate Shaft Speed Sensor C Circuit Intermittent  
P2753 Transmission Fluid Cooler Control Circuit / Open  
P2754 Transmission Fluid Cooler Control Circuit Low  
P2755 Transmission Fluid Cooler Control Circuit High  
P2756 Torque Converter Clutch Pressure Control Solenoid  
P2757 Torque Converter Clutch Pressure Control Solenoid Control Circuit Performance or Stuck Off  
P2758 Torque Converter Clutch Pressure Control Solenoid Stuck On  
P2759 Torque Converter Clutch Pressure Control Solenoid Electrical  
P2760 Torque Converter Clutch Pressure Control Solenoid Intermittent  
P2761 Torque Converter Clutch Pressure Control Solenoid Control Circuit Open  
P2762 Torque Converter Clutch Pressure Control Solenoid Control Circuit Range or Performance  
P2763 Torque Converter Clutch Pressure Control Solenoid Control Circuit High  
P2764 Torque Converter Clutch Pressure Control Solenoid Control Circuit Low  
P2765 Input/Turbine Speed Sensor B Circuit

P2766 Input / Turbine Speed Sensor B Circuit Range / Performance  
P2767 Input / Turbine Speed Sensor B Circuit No Signal  
P2768 Input / Turbine Speed Sensor B Circuit Intermittent  
P2769 Torque Converter Clutch Circuit Low  
P2770 Torque Converter Clutch Circuit High  
P2771 4WD Low Switch Circuit  
P2772 4WD Low Switch Circuit Range/Performance  
P2773 4WD Low Switch Circuit Low  
P2774 4WD Low Switch Circuit High  
P2775 Upshift Switch Circuit Range/Performance  
P2776 Upshift Switch Circuit Low  
P2777 Upshift Switch Circuit High  
P2778 Upshift Switch Circuit Intermittent/Erratic  
P2779 Downshift Switch Circuit Range/Performance  
P2780 Downshift Switch Circuit Low  
P2781 Downshift Switch Circuit High  
P2782 Downshift Switch Circuit Intermittent/Erratic  
P2783 Torque Converter Temperature Too High  
P2784 Input/Turbine Speed Sensor A/B Correlation  
P2785 Clutch Actuator Temperature Too High  
P2786 Gear Shift Actuator Temperature Too High  
P2787 Clutch Temperature Is Too High  
P2788 TCM Adaptive Learning At Limit  
P2789 Clutch Adaptive Learning At Limit  
P278A Kick Down Switch Circuit  
P278B Kick Down Switch Circuit Range/Performance  
P278C Kick Down Switch Circuit Low  
P278D Kick Down Switch Circuit High  
P278E Kick Down Switch Circuit Intermittent/Erratic  
P2790 Gate Select Direction Circuit  
P2791 Gate Select Direction Circuit Low  
P2792 Gate Select Direction Circuit High  
P2793 Gear Shift Direction Circuit  
P2794 Gear Shift Direction Circuit Low  
P2795 Gear Shift Direction Circuit High  
P2796 Auxiliary Transmission Fluid Pump Control Circuit  
P2797 Auxiliary Transmission Fluid Pump Circuit Performance  
P2798 Auxiliary Transmission Fluid Pump Control Circuit Low  
P2799 Auxiliary Transmission Fluid Pump Control Circuit High  
P2800 Transmission Range Sensor B Circuit (PRNDL Input)  
P2801 Transmission Range Sensor B Circuit Range/Performance  
P2802 Transmission Range Sensor B Circuit Low Input  
P2803 Transmission Range Sensor B Circuit High Input  
P2804 Transmission Range Sensor B Circuit Intermittent  
P2805 Transmission Range Sensor A/B Correlation  
P2806 Transmission Range Sensor Alignment  
P2807 Pressure Control Solenoid G  
P2808 Pressure Control Solenoid G Performance or Stuck Off  
P2809 Pressure Control Solenoid G Stuck On  
P2810 Pressure Control Solenoid G Electrical  
P2811 Pressure Control Solenoid G Intermittent  
P2812 Pressure Control Solenoid G Control Circuit/Open  
P2813 Pressure Control Solenoid G Control Circuit Range/Performance  
P2814 Pressure Control Solenoid G Control Circuit Low



P2815 Pressure Control Solenoid G Control Circuit High  
P2816 Pressure Control Solenoid H  
P2817 Pressure Control Solenoid H Performance or Stuck Off  
P2818 Pressure Control Solenoid H Stuck On  
P2819 Pressure Control Solenoid H Electrical  
P281A Pressure Control Solenoid H Intermittent  
P281B Pressure Control Solenoid H Control Circuit Open  
P281C Pressure Control Solenoid H Control Circuit Range/Performance  
P281D Pressure Control Solenoid H Control Circuit Low  
P281E Pressure Control Solenoid H Control Circuit High  
P281F Pressure Control Solenoid J  
P2820 Pressure Control Solenoid J Performance or Stuck Off  
P2821 Pressure Control Solenoid J Stuck On  
P2822 Pressure Control Solenoid J Electrical  
P2823 Pressure Control Solenoid J Intermittent  
P2824 Pressure Control Solenoid J Control Circuit Open  
P2825 Pressure Control Solenoid J Control Circuit Range/Performance  
P2826 Pressure Control Solenoid J Control Circuit Low  
P2827 Pressure Control Solenoid J Control Circuit High  
P2828 Pressure Control Solenoid K  
P2829 Pressure Control Solenoid K Performance or Stuck Off  
P282A Pressure Control Solenoid K Stuck ON  
P282B Pressure Control Solenoid K Electrical  
P282C Pressure control solenoid K Intermittent  
P282D Pressure Control Solenoid K Control Circuit Open  
P282E Pressure Control Solenoid K Control Circuit Range/Performance  
P282F Pressure Control Solenoid K Control Circuit Low  
P2830 Pressure Control Solenoid K Control Circuit High  
P2831 Shift Fork A Position Circuit  
P2832 Shift Fork A Position Circuit Range/Performance  
P2833 Shift Fork A Position Circuit Low  
P2834 Shift Fork A Position Circuit High  
P2835 Shift Fork A Position Circuit Intermittent  
P2836 Shift Fork B Position Circuit  
P2837 Shift Fork B Position Circuit Range/Performance  
P2838 Shift Fork B Position Circuit Low  
P2839 Shift Fork B Position Circuit High  
P283A Shift Fork B Position Circuit Intermittent  
P283B Shift Fork C Position Circuit  
P283C Shift Fork C Position Circuit Range/Performance  
P283D Shift Fork C Position Circuit Low  
P283E Shift Fork C Position Circuit High  
P283F Shift Fork C Position Circuit Intermittent  
P2840 Shift Fork D Position Circuit  
P2841 Shift Fork D Position Circuit Range/Performance  
P2842 Shift Fork D Position Circuit Low  
P2843 Shift Fork D Position Circuit High  
P2844 Shift Fork D Position Circuit Intermittent  
P2845 Shift Fork A Position Sensor Incorrect Neutral Position Indicated  
P2846 Shift Fork B Position Sensor Incorrect Neutral Position Indicated  
P2847 Shift Fork C Position Sensor Incorrect Neutral Position Indicated  
P2848 Shift Fork D Position Sensor Incorrect Neutral Position Indicated  
P2849 Shift Fork A Stuck  
P284A Shift Fork B Stuck

P284B Shift Fork C Stuck  
P284C Shift Fork D Stuck  
P284D Shift Fork A Unrequested Movement  
P284E Shift Fork B Unrequested Movement  
P284F Shift Fork C Unrequested Movement  
P2850 Shift Fork D Unrequested Movement  
P2851 Shift Fork Position Sensor A/B Correlation  
P2852 Shift Fork Position Sensor C/D Correlation  
P2853 Clutch A Pressure Discharge Performance  
P2854 Clutch B Pressure Discharge Performance  
P2855 Clutch A Pressure Charge Performance  
P2856 Clutch B Pressure Charge Performance  
P2857 Clutch A Pressure Engagement Performance  
P2858 Clutch B Pressure Engagement Performance  
P2859 Clutch A Pressure Disengagement Performance  
P285A Clutch B Pressure Disengagement Performance  
P29FF Vehicle speed sensor input error - signal implausible or missing.  
P2A00 O2 Circuit Range/Performance (Bank 1,Sensor 1)  
P2A03 O2 Circuit Range/Performance (Bank 2,Sensor 1)  
P2A06 O2 Circuit Negative Voltage (Bank 1,Sensor 1)  
P2A07 O2 Circuit Negative Voltage (Bank 1,Sensor 2)  
P2A08 O2 Circuit Negative Voltage (Bank 1,Sensor 3)  
P2A09 O2 Circuit Negative Voltage (Bank 2,Sensor 1)  
P2A10 O2 Circuit Negative Voltage (Bank 2,Sensor 2)  
P2A11 O2 Circuit Negative Voltage (Bank 2,Sensor 3)  
P2BA7 NOX Exceedence - Empty Reagent Tank  
P2BA8 NOX Exceedence - Interruption of Reagent Dosing Activity  
P2BA9 NOX Exceedence - Insufficient Reagent Quality  
P2BAA NOX Exceedence - Low Reagent Consumption  
P2BAB NOX Exceedence - Root Cause Unknown  
P2BAC NOX Exceedence - NOX Control Monitoring System  
P2BAD NOX Exceedence - Root Cause Unknown  
P2BAE NOX Exceedence - NOX Control Monitoring System  
P3002 Kick down switch/throttle potentiometer  
P3007 Camshaft Position Sensor  
P3008 Camshaft Position Sensor  
P3104 Intake manifold flap changeover valve  
P3105 Intake manifold flap changeover valve  
P3400 Cylinder Deactivation System  
P3401 Cylinder 1 Deactivation/Intake Valve Control Circuit / Open  
P3402 Cylinder 1 Deactivation/Intake Valve Control Circuit Performance  
P3403 Cylinder 1 Deactivation/Intake Valve Control Circuit Low  
P3404 Cylinder 1 Deactivation/Intake Valve Control Circuit High  
P3405 Cylinder 1 Exhaust Valve Control Circuit  
P3406 Cylinder 1 Exhaust Valve Control Circuit Performance  
P3407 Cylinder 1 Exhaust Valve Control Circuit Low  
P3408 Cylinder 1 Exhaust Valve Control Circuit High  
P3409 Cylinder 2 Deactivation/Intake Valve Control Circuit / Open  
P3410 Cylinder 2 Deactivation/Intake Valve Control Circuit Performance  
P3411 Cylinder 2 Deactivation/Intake Valve Control Circuit Low  
P3412 Cylinder 2 Deactivation/Intake Valve Control Circuit High  
P3413 Cylinder 2 Exhaust Valve Control Circuit  
P3414 Cylinder 2 Exhaust Valve Control Circuit Performance  
P3415 Cylinder 2 Exhaust Valve Control Circuit Low

P3416 Cylinder 2 Exhaust Valve Control Circuit High  
P3417 Cylinder 3 Deactivation/Intake Valve Control Circuit/Open  
P3418 Cylinder 3 Deactivation/Intake Valve Control Circuit Performance  
P3419 Cylinder 3 Deactivation/Intake Valve Control Circuit Low  
P3420 Cylinder 3 Deactivation/Intake Valve Control Circuit High  
P3421 Cylinder 3 Exhaust Valve Control Circuit  
P3422 Cylinder 3 Exhaust Valve Control Circuit Performance  
P3423 Cylinder 3 Exhaust Valve Control Circuit Low  
P3424 Cylinder 3 Exhaust Valve Control Circuit High  
P3425 Cylinder 4 Deactivation/Intake Valve Control Circuit / Open  
P3426 Cylinder 4 Deactivation/Intake Valve Control Circuit Performance  
P3427 Cylinder 4 Deactivation/Intake Valve Control Circuit Low  
P3428 Cylinder 4 Deactivation/Intake Valve Control Circuit High  
P3429 Cylinder 4 Exhaust Valve Control Circuit  
P3430 Cylinder 4 Exhaust Valve Control Circuit Performance  
P3431 Cylinder 4 Exhaust Valve Control Circuit Low  
P3432 Cylinder 4 Exhaust Valve Control Circuit High  
P3433 Cylinder 5 Deactivation/Intake Valve Control Circuit / Open  
P3434 Cylinder 5 Deactivation/Intake Valve Control Circuit Performance  
P3435 Cylinder 5 Deactivation/Intake Valve Control Circuit Low  
P3436 Cylinder 5 Deactivation/Intake Valve Control Circuit High  
P3437 Cylinder 5 Exhaust Valve Control Circuit  
P3438 Cylinder 5 Exhaust Valve Control Circuit Performance  
P3439 Cylinder 5 Exhaust Valve Control Circuit Low  
P3440 Cylinder 5 Exhaust Valve Control Circuit High  
P3441 Cylinder 6 Deactivation/Intake Valve Control Circuit/Open  
P3442 Cylinder 6 Deactivation/Intake Valve Control Circuit Performance  
P3443 Cylinder 6 Deactivation/Intake Valve Control Circuit Low  
P3444 Cylinder 6 Deactivation/Intake Valve Control Circuit High  
P3445 Cylinder 6 Exhaust Valve Control Circuit  
P3446 Cylinder 6 Exhaust Valve Control Circuit Performance  
P3447 Cylinder 6 Exhaust Valve Control Circuit Low  
P3448 Cylinder 6 Exhaust Valve Control Circuit High  
P3449 Cylinder 7 Deactivation/Intake Valve Control Circuit / Open  
P3450 Cylinder 7 Deactivation/Intake Valve Control Circuit Performance  
P3451 Cylinder 7 Deactivation/Intake Valve Control Circuit Low  
P3452 Cylinder 7 Deactivation/Intake Valve Control Circuit High  
P3453 Cylinder 7 Exhaust Valve Control Circuit  
P3454 Cylinder 7 Exhaust Valve Control Circuit Performance  
P3455 Cylinder 7 Exhaust Valve Control Circuit Low  
P3456 Cylinder 7 Exhaust Valve Control Circuit High  
P3457 Cylinder 8 Deactivation/Intake Valve Control Circuit / Open  
P3458 Cylinder 8 Deactivation/Intake Valve Control Circuit Performance  
P3459 Cylinder 8 Deactivation/Intake Valve Control Circuit Low  
P3460 Cylinder 8 Deactivation/Intake Valve Control Circuit High  
P3461 Cylinder 8 Exhaust Valve Control Circuit  
P3462 Cylinder 8 Exhaust Valve Control Circuit Performance  
P3463 Cylinder 8 Exhaust Valve Control Circuit Low  
P3464 Cylinder 8 Exhaust Valve Control Circuit High  
P3465 Cylinder 9 Deactivation/Intake Valve Control Circuit / Open  
P3466 Cylinder 9 Deactivation/Intake Valve Control Circuit Performance  
P3467 Cylinder 9 Deactivation/Intake Valve Control Circuit Low  
P3468 Cylinder 9 Deactivation/Intake Valve Control Circuit High  
P3469 Cylinder 9 Exhaust Valve Control Circuit

P3470 Cylinder 9 Exhaust Valve Control Circuit Performance  
P3471 Cylinder 9 Exhaust Valve Control Circuit Low  
P3472 Cylinder 9 Exhaust Valve Control Circuit High  
P3473 Cylinder 10 Deactivation/Intake Valve Control Circuit / Open  
P3474 Cylinder 10 Deactivation/Intake Valve Control Circuit Performance  
P3475 Cylinder 10 Deactivation/Intake Valve Control Circuit Low  
P3476 Cylinder 10 Deactivation/Intake Valve Control Circuit High  
P3477 Cylinder 10 Exhaust Valve Control Circuit  
P3478 Cylinder 10 Exhaust Valve Control Circuit Performance  
P3479 Cylinder 10 Exhaust Valve Control Circuit Low  
P3480 Cylinder 10 Exhaust Valve Control Circuit High  
P3481 Cylinder 11 Deactivation/Intake Valve Control Circuit / Open  
P3482 Cylinder 11 Deactivation/Intake Valve Control Circuit Performance  
P3483 Cylinder 11 Deactivation/Intake Valve Control Circuit Low  
P3484 Cylinder 11 Deactivation/Intake Valve Control Circuit High  
P3485 Cylinder 11 Exhaust Valve Control Circuit  
P3486 Cylinder 11 Exhaust Valve Control Circuit Performance  
P3487 Cylinder 11 Exhaust Valve Control Circuit Low  
P3488 Cylinder 11 Exhaust Valve Control Circuit High  
P3489 Cylinder 12 Deactivation/Intake Valve Control Circuit/Open  
P3490 Cylinder 12 Deactivation/Intake Valve Control Circuit Performance  
P3491 Cylinder 12 Deactivation/Intake Valve Control Circuit Low  
P3492 Cylinder 12 Deactivation/Intake Valve Control Circuit High  
P3493 Cylinder 12 Exhaust Valve Control Circuit  
P3494 Cylinder 12 Exhaust Valve Control Circuit Performance  
P3495 Cylinder 12 Exhaust Valve Control Circuit Low  
P3496 Cylinder 12 Exhaust Valve Control Circuit High  
P3497 Cylinder Deactivation System Bank 2  
U0001 High Speed CAN Communication Bus  
U0002 High Speed CAN Communication Bus Performance  
U0003 High Speed CAN Communication Bus (+) Open  
U0004 High Speed CAN Communication Bus (+) Low  
U0005 High Speed CAN Communication Bus (+) High  
U0006 High Speed CAN Communication Bus (-) Open  
U0007 High Speed CAN Communication Bus (-) Low  
U0008 High Speed CAN Communication Bus (-) High  
U0009 High Speed CAN Communication Bus (-) Shorted to Bus (+)  
U0010 Medium Speed CAN Communication Bus  
U0011 Medium Speed CAN Communication Bus Performance  
U0012 Medium Speed CAN Communication Bus (+) Open  
U0013 Medium Speed CAN Communication Bus (+) Low  
U0014 Medium Speed CAN Communication Bus (+) High  
U0015 Medium Speed CAN Communication Bus (-) Open  
U0016 Medium Speed CAN Communication Bus (-) Low  
U0017 Medium Speed CAN Communication Bus (-) High  
U0018 Medium Speed CAN Communication Bus (-) Shorted to Bus (+)  
U0019 Low Speed CAN Communication Bus  
U0020 Low Speed CAN Communication Bus Performance  
U0021 Low Speed CAN Communication Bus (+) Open  
U0022 Low Speed CAN Communication Bus (+) Low  
U0023 Low Speed CAN Communication Bus (+) High  
U0024 Low Speed CAN Communication Bus (-) Open  
U0025 Low Speed CAN Communication Bus (-) Low  
U0026 Low Speed CAN Communication Bus (-) High

U0027 Low Speed CAN Communication Bus (-) shorted to Bus (+)  
U0028 Vehicle Communication Bus A  
U0029 Vehicle Communication Bus A Performance  
U0030 Vehicle Communication Bus A (+) Open  
U0031 Vehicle Communication Bus A (+) Low  
U0032 Vehicle Communication Bus A (+) High  
U0033 Vehicle Communication Bus A (-) Open  
U0034 Vehicle Communication Bus A (-) Low  
U0035 Vehicle Communication Bus A (-) High  
U0036 Vehicle Communication Bus A (-) shorted to Bus A (+)  
U0037 Vehicle Communication Bus B  
U0038 Vehicle Communication Bus B Performance  
U0039 Vehicle Communication Bus B (+) Open  
U0040 Vehicle Communication Bus B (+) Low  
U0041 Vehicle Communication Bus B (+) High  
U0042 Vehicle Communication Bus B (-) Open  
U0043 Vehicle Communication Bus B (-) Low  
U0044 Vehicle Communication Bus B (-) High  
U0045 Vehicle Communication Bus B (-) shorted to Bus B (+)  
U0046 Vehicle Communication Bus C  
U0047 Vehicle Communication Bus C Performance  
U0048 Vehicle Communication Bus C (+) Open  
U0049 Vehicle Communication Bus C (+) Low  
U0050 Vehicle Communication Bus C (+) High  
U0051 Vehicle Communication Bus C (-) Open  
U0052 Vehicle Communication Bus C (-) Low  
U0053 Vehicle Communication Bus C (-) High  
U0054 Vehicle Communication Bus C (-) shorted to Bus C (+)  
U0055 Vehicle Communication Bus D  
U0056 Vehicle Communication Bus D Performance  
U0057 Vehicle Communication Bus D (+) Open  
U0058 Vehicle Communication Bus D (+) Low  
U0059 Vehicle Communication Bus D (+) High  
U0060 Vehicle Communication Bus D (-) Open  
U0061 Vehicle Communication Bus D (-) Low  
U0062 Vehicle Communication Bus D (-) High  
U0063 Vehicle Communication Bus D (-) shorted to Bus D (+)  
U0064 Vehicle Communication Bus E  
U0065 Vehicle Communication Bus E Performance  
U0066 Vehicle Communication Bus E (+) Open  
U0067 Vehicle Communication Bus E (+) Low  
U0068 Vehicle Communication Bus E (+) High  
U0069 Vehicle Communication Bus E (-) Open  
U0070 Vehicle Communication Bus E (-) Low  
U0071 Vehicle Communication Bus E (-) High  
U0072 Vehicle Communication Bus E (-) shorted to Bus E (+)  
U0073 CAN communication bus fault  
U0074 Bluetooth Communication Failure to Phone  
U0075 Bluetooth communication Failure to Module  
U0076 VSM Communication Link Failure  
U0100 Lost communication with the PCM  
U0101 Lost Communication With The TCM  
U0102 Lost Communication With Transfer Case Control Module  
U0103 Lost Communication With Gear Shift Module

U0104 Lost Communication With Cruise Module  
U0105 Lost Communication With FICM  
U0106 Lost Communication With GPCM  
U0107 Lost Communication With Throttle Actuator Control Module  
U0108 Lost Communication With AFCM  
U0109 Lost Communication With FP Control Module  
U0110 Lost Communication With Drive Motor Control Module A  
U0111 Lost Communication With Battery Energy Control Module A  
U0112 Lost Communication With Battery Energy Control Module B  
U0113 Lost Communication With Emissions Critical Control Information  
U0114 Lost Communication With Four-Wheel Drive Clutch Control Module  
U0115 Lost Communication With ECM/PCM B  
U0116 Lost Communication With Coolant Temperature Control Module  
U0117 Lost Communication With Electrical PTO Control Module  
U0118 Lost Communication With FACM  
U0119 Lost Communication With FCCM  
U0120 Lost Communication With Starter/Generator Control Module  
U0121 Lost Communication With The ABS Control Module  
U0122 CANcommunication failure between the PCM and the ESP module.  
U0123 Lost Communication With YRS Module  
U0124 Lost Communication With LAS Module  
U0125 Lost Communication With Multi-axis Acceleration Sensor Module  
U0126 Lost Communication With SASM  
U0127 Lost Communication With TPM Module  
U0128 Lost Communication With Park Brake Control Module  
U0129 Lost Communications with Brake System Control Module  
U0130 Lost Communication With Steering Effort Control Module  
U0131 Lost Communication With Power Steering Control Module  
U0132 Lost Communication With Ride Level Control Module  
U0133 Lost Communication With Active Roll Control Module  
U0134 Lost Communication With Power Steering Control Module  
U0135 Lost Communication With Differential Control Module  
U0136 Lost Communication With Differential Control Module  
U0137 Lost Communication With Trailer Brake Control Module  
U0138 Lost Communication with All Terrain Control Module  
U0140 Lost Communication With BCM  
U0141 Lost Communicarion With BCM A  
U0142 Lost Communication With BCM B  
U0143 Lost Communication With BCM C  
U0144 Lost Communication With BCM D  
U0145 Lost Communication With BCM E  
U0146 Lost Communication With Gateway A  
U0147 Lost Communication With Gateway B  
U0148 Lost Communication With Gateway C  
U0149 Lost Communication With Gateway D  
U0150 Lost Communication With Gateway E  
U0151 Lost Communication With RCM  
U0152 Lost Communication With Side Restraints Control Module  
U0153 Lost Communication With Side Restraints Control Module  
U0154 Lost Communication with Restraints Occupant Classification System Module  
U0155 Lost Communication With The Instrument Panel Cluster Control Module  
U0156 Lost Communication With Information Center A  
U0157 Lost Communication With Information Center B  
U0158 Lost Communication With Head Up Display

U0159 Lost Communication With Parking Assist Control Module A  
U015C Lost Communication With Special Purpose Vehicle Control Module D  
U0160 Lost Communication With Audible Alert Control Module  
U0161 Lost Communication With Compass Module  
U0162 Lost Communication With Navigation Display Module  
U0163 Lost Communication With Navigation Control Module  
U0164 Lost Communication With HVAC Control Module  
U0165 Lost Communication With HVAC Control Module  
U0166 Lost Communication With The Auxiliary Heater Control Module  
U0167 Lost Communication With Vehicle Immobilizer Control Module  
U0168 Lost Communication With Vehicle Security Control Module  
U0169 Lost Communication With Sunroof Control Module  
U0170 Lost Communication With Restraints System Sensor A  
U0171 Lost Communication With Restraints System Sensor B  
U0172 Lost Communication With Restraints System Sensor C  
U0173 Lost Communication With Restraints System Sensor D  
U0174 Lost Communication With Restraints System Sensor E  
U0175 Lost Communication With Restraints System Sensor F  
U0176 Lost Communication With Restraints System Sensor G  
U0177 Lost Communication With Restraints System Sensor H  
U0178 Lost Communication With Restraints System Sensor I  
U0179 Lost Communication With Restraints System Sensor J  
U0180 Lost Communication With Automatic Lighting Control Module  
U0181 Lost Communication With Headlamp Leveling Control Module  
U0182 Lost Communication With Lighting Control Module  
U0183 Lost Communication With Lighting Control Module  
U0184 Lost Communication With Radio  
U0185 Lost Communication With Antenna Control Module  
U0186 Lost Communication With Audio Amplifier  
U0187 Lost Communication With Digital Disc Player/Changer Module A  
U0188 Lost Communication With Digital Disc Player/Changer Module B  
U0189 Lost Communication With Digital Disc Player/Changer Module C  
U0190 Lost Communication With Digital Disc Player/Changer Module D  
U0191 Lost Communication With Television  
U0192 Lost Communication With Personal Computer  
U0193 Lost Communication With Digital Audio Control Module A  
U0194 Lost Communication With Digital Audio Control Module B  
U0195 Lost Communication With Subscription Entertainment Receiver Module  
U0196 Lost Communication With Entertainment Control Module - Rear A  
U0197 Lost Communication With Telephone Control Module  
U0198 Lost Communication With Telematic Control Module  
U0199 Lost Communication With Door Control Module A  
U0200 Lost Communication With Door Control Module B  
U0201 Lost Communication With Door Control Module C  
U0202 Lost Communication With Door Control Module D  
U0203 Lost Communication With Door Control Module E  
U0204 Lost Communication With Door Control Module F  
U0205 Lost Communication With Door Control Module G  
U0206 Lost Communication With Folding Top Control Module  
U0207 Lost Communication With Moveable Roof Control Module  
U0208 Lost Communication With Seat Control Module A  
U0209 Lost Communication With Seat Control Module B  
U0210 Lost Communication With Seat Control Module C  
U0211 Lost Communication With Seat Control Module D

U0212 Lost Communication With Steering Column Control Module  
U0213 Lost Communication With Mirror Control Module A  
U0214 Lost Communication With Remote Function Actuation  
U0215 Lost Communication With Door Switch A  
U0216 Lost Communication With Door Switch B  
U0217 Lost Communication With Door Switch C  
U0218 Lost Communication With Door Switch D  
U0219 Lost Communication With Door Switch E  
U0220 Lost Communication With Door Switch F  
U0221 Lost Communication With Door Switch G  
U0222 Lost Communication With Door Window Motor A  
U0223 Lost Communication With Door Window Motor B  
U0224 Lost Communication With Door Window Motor C  
U0225 Lost Communication With Door Window Motor D  
U0226 Lost Communication With Door Window Motor E  
U0227 Lost Communication With Door Window Motor F  
U0228 Lost Communication With Door Window Motor G  
U0229 Lost Communication With Heated Steering Wheel Module  
U0230 Lost Communication With Rear Gate Module  
U0231 Lost Communication With Rain Sensing Module  
U0232 Lost Communication With Side Obstacle Detection Control Module  
U0233 Lost Communication With Side Obstacle Detection Control Module  
U0234 Lost Communication With Convenience Recall Module  
U0235 Lost Communication With Cruise Control Front Distance Range Sensor  
U0236 Lost Communication With SCLM  
U0237 Lost Communication With Digital Audio Control Module C  
U0238 Lost Communication With Digital Audio Control Module D  
U0239 Lost Communication With Entrapment Control Module A  
U0240 Lost Communication With Entrapment Control Module B  
U0241 Lost Communication With Headlamp Control Module A  
U0242 Lost Communication With Headlamp Control Module B  
U0243 Lost Communication With Parking Assist Control Module B  
U0244 Lost Communication With Running Board Control Module  
U0245 Lost Communication With Entertainment Control Module - Front  
U0246 Lost Communication With Seat Control Module E  
U0247 Lost Communication With Seat Control Module F  
U0248 Lost Communication With Remote Accessory Module  
U0249 Lost Communication With Entertainment Control Module - Rear B  
U0250 Lost Communication With Impact Clasification System Module  
U0251 Lost Communication With Running Board Control Module B  
U0252 Lost Communication With Lighting Control Module - Rear B  
U0253 Lost Communication With Accessory Protocol Interface Module  
U0254 Lost Communication With Remote Start Module  
U0255 Lost Communication With Front Controls Interface Module  
U0256 Lost Communication With Front Display Interface Module  
U0257 Lost Communication With Front Controls/Display Interface Module  
U0258 Lost Communication With Radio Transceiver  
U0259 Lost Communication With Special Purpose Vehicle Control Module A  
U025A Lost Communication With Special Purpose Vehicle Control Module B  
U025B Lost Communication With Special Purpose Vehicle Control Module C  
U0260 Lost Communication With Seat Control Switch Module A  
U0261 Lost Communication With Seat Control Switch Module B  
U0262 Lost Communication With Audio Amplifier B  
U0263 Lost Communication With Speech Recognition Module



U0264 Lost Communication With Camera Module - Rear  
U0286 Lost Communication With Radiator Anti-Tamper Device  
U0287 Lost Communication With Transmission Fluid Pump Module  
U0288 Lost Communication With DC To AC Converter Control Module A  
U0289 Lost Communication With DC To AC Converter Control Module B  
U0291 Lost Communication With Gear Shift Module B  
U0292 Lost Communication With Drive Motor Control Module B  
U0293 Lost Communication With Hybrid PCM  
U0294 Powertrain Control Monitor Module  
U0295 Lost Communication With AC To AC Converter Control Module  
U0296 Lost Communication With AC to DC Converter Control Module A  
U0297 Lost Communication With AC to DC Converter Control Module B  
U0298 Lost Communication With DC to DC Converter Control Module A  
U0299 Lost Communication With DC to DC Converter Control Module B  
U0300 Internal Control Module Software Incompatibility  
U0301 Software Incompatibility with Engine/Powertrain Control Module  
U0302 Software Incompatibility with TCM  
U0303 Software Incompatibility with Transfer Case Control Module  
U0304 Software Incompatibility with Gear Shift Control Module  
U0305 Software Incompatibility with Cruise Control Module  
U0306 Software Incompatibility With FICM  
U0307 Software Incompatibility with Glow Plug Control Module  
U0308 Software Incompatibility with Throttle Actuator Control Module  
U0309 Software Incompatibility with Alternative Fuel Control Module  
U0310 Software Incompatibility with Fuel Pump Control Module  
U0311 Software Incompatibility with Drive Motor Control Module  
U0312 Software Incompatibility with Battery Energy Control Module A  
U0313 Software Incompatibility with Battery Energy Control module B  
U0314 Software Incompatibility with For-Wheel Drive Clutch Control Module  
U0315 Software Incompatibility with Anti-Lock Brake System Control Module  
U0316 Software Incompatibility with Vehicle Dynamics Control Module  
U0317 Software Incompatibility with Park Brake Control Module  
U0318 Software Incompatibility with Brake System Control Module  
U0319 Software Incompatibility with Steering Effort Control Module  
U0320 Software Incompatibility with Power Steering Control Module  
U0321 Software Incompatibility with Ride Level Control Module  
U0322 Software Incompatibility with Body Control Module  
U0323 Software Incompatibility with Instrument Panel Control Module  
U0324 Software Incompatibility with HVAC Control Module  
U0325 Software Incompatibility with Auxiliary Heater Control Module  
U0326 Software Incompatibility with Vehicle Immobilize Control Module  
U0327 Software Incompatibility with Vehicle Security Control Module  
U0328 Software Incompatibility with Steering Angle Sensor Module  
U0329 Software Incompatibility with Steering Column Control module  
U0330 Software Incompatibility with Tire Pressure Monitor Module  
U0331 Software Incompatibility with Body Control Module A  
U0332 Software Incompatibility with Multi-axis Acceleration Sensor module  
U0333 Software Incompatibility with Gear Shift Control Module B  
U0334 Software Incompatibility With Radio  
U0400 Engine RPM Signal Fault - CAN Communication  
U0401 Invalid or Missing CAN Data From The PCM  
U0402 Invalid Data Received from the TCM  
U0403 Invalid Data Received From TCCM  
U0404 Invalid Data Received from Gear Shift Control Module A

U0405 CRUISE signal  
U0406 Invalid Data Received from FICM.  
U0411 Invalid Data Received from Drive Motor Control Module A  
U0414 Invalid Data Received From Four-Wheel Drive Clutch Control Module  
U0415 Invalid Data Received from the ABS Control Module  
U0416 Invalid Data Received from VDM  
U0418 Invalid Data Received from the Brake System Control Module  
U0421 Invalid Data Received from Suspension Control Module  
U0422 Invalid Data Received from Body Control Module  
U0423 Invalid Data Received from Instrument Panel Control Module  
U0428 Invalid Data Received from Steering Angle Sensor Module  
U0434 Invalid Data Received from Active Roll Control Module  
U0435 Invalid Data Received From Power Steering Control Module - Rear  
U0436 Invalid Data Received From Differential Control Module - Front  
U0437 Invalid Data Received From Differential Control Module - Rear  
U0438 Invalid Data Received From Trailer Brake Control Module  
U0439 Invalid Data Received From All Terrain Control Module  
U0441 Invalid Data Received From Emissions Critical Control Information  
U0442 Invalid Data Received From ECM/PCM B  
U0443 Invalid Data Received from Body Control Module B  
U0444 Invalid Data Received from Body Control Module C  
U0445 Invalid Data Received from Body Control Module D  
U0446 Invalid Data Received from Body Control Module E  
U0447 Invalid Data Received From Gateway A  
U0448 Invalid Data Received From Gateway B  
U0449 Invalid Data Received From Gateway c  
U0450 Invalid Data Received From Gateway D  
U0451 Invalid Data Received From Gateway E  
U0452 Invalid Data Received From Restraints Control Module  
U0453 Invalid Data Received From Side RCM - Left  
U0454 Invalid Data Received From Side RCM - Right  
U0455 Invalid Data Received From Restraints Occupant Classification System Module  
U0456 Invalid Data Received From Coolant Temperature Control Module  
U0457 Invalid Data Received From Information Center A  
U0458 Invalid Data Received From Information Center B  
U0459 Invalid Data Received From Head Up Display  
U045A Invalid Data Received From Parking Assist Control Module A  
U0461 Invalid Data Received From Audible Alert Control Module  
U0462 Invalid Data Received From Compass Module  
U0463 Invalid Data Received From Navigation Display Module  
U0464 Invalid Data Received From Navigation Control Module  
U0465 Invalid Data Received From Electrical PTO Control Module  
U0466 Invalid Data Received From HVAC Control Module - Rear  
U0467 Invalid Data Received From Fuel Additive Control Module  
U0468 Invalid Data Received From Fuel Cell Control Module  
U0469 Invalid Data Received From Starter / Generator Control Module  
U046A Invalid Data Received From Sunroof Control Module  
U0471 Invalid Data Received From Restraints System Sensor A  
U0472 Invalid Data Received From Restraints System Sensor B  
U0473 Invalid Data Received From Restraints System Sensor C  
U0474 Invalid Data Received From Restraints System Sensor D  
U0475 Invalid Data Received From Restraints System Sensor E  
U0476 Invalid Data Received From Restraints System Sensor F  
U0477 Invalid Data Received From Restraints System Sensor G

U0478 Invalid Data Received From Restraints System Sensor H  
U0479 Invalid Data Received From Restraints System Sensor I  
U047A Invalid Data Received From Restraints System Sensor J  
U047B Invalid Data Received From Restraints System Sensor K  
U047C Invalid Data Received From Restraints System Sensor L  
U047D Invalid Data Received From Restraints System Sensor M  
U047E Invalid Data Received From Restraints System Sensor N  
U0481 Invalid Data Received From Automatic Lighting Control Module  
U0482 Invalid Data Received From Headlamp Leveling Control Module  
U0483 Invalid Data Received From Lighting Control Module - Front  
U0484 Invalid Data Received From Lighting Control Module - Rear A  
U0485 Invalid Data Received From Radio  
U0486 Invalid Data Received From Antenna Control Module  
U0487 Invalid Data Received From Audio Amplifier  
U0488 Invalid Data Received From Digital Disc Player/Changer Module A  
U0489 Invalid Data Received From Digital Disc Player/Changer Module B  
U048A Invalid Data Received From Digital Disc Player/Changer Module C  
U048B Invalid Data Received From Restraints System Sensor  
U048C Invalid Data Received From Restraints System Sensor  
U048D Invalid Data Received From Restraints System Sensor  
U048E Invalid Data Received From Restraints System Sensor  
U048F Invalid Data Received From Restraints System Sensor  
U0491 Invalid Data Received From Digital Disc Player/Changer Module D  
U0492 Invalid Data Received From Television  
U0493 Invalid Data Received From Personal Computer  
U0494 Invalid Data Received From Digital Audio Control Module A  
U0495 Invalid Data Received From Digital Audio Control Module B  
U0496 Invalid Data Received From Subscription Entertainment Receiver Module  
U0497 Invalid Data Received From Entertainment Control Module - Rear A  
U0498 Invalid Data Received From Telephone Control Module  
U0499 Invalid Data Received From Telematic Control Module  
U049A Invalid Data Received From Door Control Module A  
U0501 Invalid Data Received From Door Control Module B  
U0502 Invalid Data Received From Door Control Module C  
U0503 Invalid Data Received From Door Control Module D  
U0504 Invalid Data Received From Door Control Module E  
U0505 Invalid Data Received From Door Control Module F  
U0506 Invalid Data Received From Door Control Module G  
U0507 Invalid Data Received From Folding Top Control Module  
U0508 Invalid Data Received From Moveable Roof Control Module  
U0509 Invalid Data Received From Seat Control Module A  
U050A Invalid Data Received From Seat Control Module B  
U0511 Invalid Data Received From Seat Control Module C  
U0512 Invalid Data Received From Seat Control Module D  
U0513 Invalid Data Received From Yaw Rate Sensor Module  
U0514 Invalid Data Received From Mirror Control Module A  
U0515 Invalid Data Received From Remote Function Actuation  
U0516 Invalid Data Received From Door Switch A  
U0517 Invalid Data Received From Door Switch B  
U0518 Invalid Data Received From Door Switch C  
U0519 Invalid Data Received From Door Switch D  
U051A Invalid Data Received From Door Switch E  
U0521 Invalid Data Received From Door Switch F  
U0522 Invalid Data Received From Door Switch G

U0523 Invalid Data Received From Door Window Motor A  
U0524 Invalid Data Received From Door Window Motor B  
U0525 Invalid Data Received From Door Window Motor C  
U0526 Invalid Data Received From Door Window Motor D  
U0527 Invalid Data Received From Door Window Motor E  
U0528 Invalid Data Received From Door Window Motor F  
U0529 Invalid Data Received From Door Window Motor G  
U052A Invalid Data Received From Heated Steering Wheel Module  
U0531 Invalid Data Received From Rear Gate Module  
U0532 Invalid Data Received From Rain Sensing Module  
U0533 Invalid Data Received From Side Obstacle Detection Control Module - Left  
U0534 Invalid Data Received From Side Obstacle Detection control Module - Right  
U0535 Invalid Data Received From Convenience Recall Module  
U0536 Invalid Data Received From Lateral Acceleration Sensor Module  
U0537 Invalid Data Received From Column Lock Module  
U0538 Invalid Data Received From Digital Audio Control Module C  
U0539 Invalid Data Received From Digital Audio Control Module D  
U053A Invalid Data Received From Entrapment Control Module A  
U0541 Invalid Data Received From Entrapment Control Module B  
U0542 Invalid Data Received From Headlamp Control Module A  
U0543 Invalid Data Received From Headlamp Control Module B  
U0544 Invalid Data Received From Parking Assist Control Module B  
U0545 Invalid Data Received From Running Board Control Module  
U0546 Invalid Data Received From Entertainment Control Module - Front  
U0547 Invalid Data Received From Seat Control Module E  
U0548 Invalid Data Received From Seat Control Module F  
U0549 Invalid Data Received From Remote Accessory Module  
U054A Invalid Data Received From Entertainment Control Module - Rear B  
U0551 Invalid Data Received From Impact Classification System Module  
U0552 Invalid Data Received From Running Board Control Module B  
U0553 Invalid Data Received From Lighting Control Module - Rear B  
U0592 Invalid Data Received From Gear Shift Module B  
U0593 Invalid Data Received From Drive Motor Control Module B  
U0594 Invalid Data Received From Hybrid Powertrain Control Module  
U0595 Invalid Data Received From Powertrain Control Monitor Module  
U0596 Invalid Data Received From AC to AC Converter Control Module  
U0597 Invalid Data Received From AC to DC Converter Control Module A  
U0598 Invalid Data Received From AC to DC Converter Control Module B  
U0599 Invalid Data Received From DC to DC Converter Control Module A  
U059A Invalid Data Received From DC to DC Converter Control Module B  
U1000 SCP (J1850) Communications Bus Fault  
U1001 SCP (J1850) Communications Bus Fault  
U1002 SCP (J1850) Communications Bus Fault  
U1003 SCP (J1850) Communications Bus Fault  
U1004 SCP (J1850) Communications Bus Fault  
U1005 SCP (J1850) Communications Bus Fault  
U1006 SCP (J1850) Communications Bus Fault  
U1007 SCP (J1850) Communications Bus Fault  
U1008 Invalid or missing data for engine torque  
U1009 Invalid or missing data for engine torque  
U1010 Invalid or Missing Data for Engine Air Intake  
U1011 Invalid or Missing Data for Engine Air Intake  
U1012 SCP (J1850) Communications Bus Fault  
U1013 SCP (J1850) Communications Bus Fault

U1014 SCP (J1850) Communications Bus Fault  
U1015 SCP (J1850) Communications Bus Fault  
U1016 SCP (J1850) Communications Bus Fault  
U1017 SCP (J1850) Communications Bus Fault  
U1018 Invalid or Missing Primary Throttle Position signal from a module on the communication network  
U1019 Invalid or Missing Primary Throttle Position signal from a module on the communication network  
U1020 Operator Action  
U1021 Invalid or Missing Data for Air Conditioning Clutch  
U1022 SCP (J1850) Communications Bus Fault  
U1023 Invalid or Missing RPM signal from a module on the communication network  
U1024 SCP (J1850) Communications Bus Fault  
U1025 SCP (J1850) Communications Bus Fault  
U1026 Invalid or missing data for engine RPM  
U1027 Engine RPM Data Invalid  
U1028 SCP (J1850) Communications Bus Fault  
U1029 Vehicle speed signal missing or incorrect  
U1030 SCP Invalid or Missing Data for Experimental #1  
U1031 SCP Invalid or Missing Data for Experimental #1  
U1032 SCP (J1850) Communications Bus Fault  
U1033 SCP (J1850) Communications Bus Fault  
U1034 SCP (J1850) Communications Bus Fault  
U1035 SCP (J1850) Communications Bus Fault  
U1036 SCP (J1850) Communications Bus Fault  
U1037 SCP (J1850) Communications Bus Fault  
U1038 SCP (J1850) Communications Bus Fault  
U1039 Vehicle speed signal missing or incorrect  
U1040 Invalid data for Vehicle Speed  
U1041 Vehicle speed signal missing or incorrect  
U1042 SCP Invalid or Missing Data for Traction Control  
U1043 SCP Invalid or Missing Data for Traction Control  
U1044 SCP (J1850) Communications Bus Fault  
U1045 SCP (J1850) Communications Bus Fault  
U1046 SCP (J1850) Communications Bus Fault  
U1047 SCP (J1850) Communications Bus Fault  
U1048 SCP (J1850) Communications Bus Fault  
U1049 SCP (J1850) Communications Bus Fault  
U1050 SCP (J1850) Communications Bus Fault  
U1051 Brake switch signal missing or incorrect  
U1052 SCP (J1850) Communications Bus Fault  
U1053 DTCU1053\$  
U1054 SCP (J1850) Communications Bus Fault  
U1055 SCP (J1850) Communications Bus Fault  
U1056 Invalid or Missing Data for Vehicle Configuration  
U1057 Invalid or Missing Data for Vehicle Configuration  
U1058 SCP (J1850) Communications Bus Fault  
U1059 Transmission Position Data Invalid  
U1060 SCP (J1850) Communications Bus Fault  
U1061 SCP (J1850) Communications Bus Fault  
U1062 SCP (J1850) Communications Bus Fault  
U1063 SCP (J1850) Communications Bus Fault  
U1064 SCP (J1850) Communications Bus Fault  
U1065 SCP (J1850) Communications Bus Fault  
U1066 SCP (J1850) Communications Bus Fault

U1067 Invalid or Missing PRNDL signal from a module on the communication network  
U1068 SCP (J1850) Communications Bus Fault  
U1069 SCP (J1850) Communications Bus Fault  
U1070 SCP (J1850) Communications Bus Fault  
U1071 SCP invalid or missing data for engine sensors  
U1072 Invalid data for Engine Coolant  
U1073 Engine Coolant Temperature Data Invalid  
U1074 SCP (J1850) Communications Bus Fault  
U1075 Invalid or missing data for engine oil fluid temperature.  
U1076 SCP (J1850) Communications Bus Fault  
U1077 SCP (J1850) Communications Bus Fault  
U1078 SCP (J1850) Communications Bus Fault  
U1079 SCP (J1850) Communications Bus Fault  
U1080 SCP (J1850) Communications Bus Fault  
U1081 SCP (J1850) Communications Bus Fault  
U1082 SCP (J1850) Communications Bus Fault  
U1083 SCP (J1850) Communications Bus Fault  
U1084 SCP (J1850) Communications Bus Fault  
U1085 SCP (J1850) Communications Bus Fault  
U1086 SCP (J1850) Communications Bus Fault  
U1087 SCP (J1850) Communications Bus Fault  
U1088 SCP (J1850) Communications Bus Fault  
U1089 SCP (J1850) Communications Bus Fault  
U1090 SCP (J1850) Communications Bus Fault  
U1091 SCP (J1850) Communications Bus Fault  
U1092 SCP (J1850) Communications Bus Fault  
U1093 SCP (J1850) Communications Bus Fault  
U1094 SCP (J1850) Communications Bus Fault  
U1095 SCP (J1850) Communications Bus Fault  
U1096 SCP (J1850) Communications Bus Fault  
U1097 SCP (J1850) Communications Bus Fault  
U1098 CRUISE signal  
U1099 CRUISE signal  
U1100 SCP (J1850) Communications Bus Fault  
U1101 SCP (J1850) Communications Bus Fault  
U1102 SCP (J1850) Communications Bus Fault  
U1103 SCP (J1850) Communications Bus Fault  
U1104 SCP (J1850) Communications Bus Fault  
U1105 SCP (J1850) Communications Bus Fault  
U1106 SCP (J1850) Communications Bus Fault  
U1107 SCP (J1850) Communications Bus Fault  
U1108 SCP (J1850) Communications Bus Fault  
U1109 SCP (J1850) Communications Bus Fault  
U1110 SCP (J1850) Communications Bus Fault  
U1111 SCP (J1850) Communications Bus Fault  
U1112 SCP (J1850) Communications Bus Fault  
U1113 SCP (J1850) Communications Bus Fault  
U1114 SCP (J1850) Communications Bus Fault  
U1115 SCP (J1850) Communications Bus Fault  
U1116 Invalid or Missing Data for Electrical Energy Management  
U1117 Invalid or Missing Data for Electrical Energy Management  
U1118 SCP (J1850) Communications Bus Fault  
U1119 SCP (J1850) Communications Bus Fault  
U1120 SCP (J1850) Communications Bus Fault

U1121 SCP (J1850) Communications Bus Fault  
U1122 Invalid data for Odometer  
U1123 Odometer Data Invalid  
U1124 SCP (J1850) Communications Bus Fault  
U1125 SCP (J1850) Communications Bus Fault  
U1126 SCP (J1850) Communications Bus Fault  
U1127 SCP (J1850) Communications Bus Fault  
U1128 SCP (J1850) Communications Bus Fault  
U1129 SCP (J1850) Communications Bus Fault  
U1130 SCP (J1850) Invalid or Missing Data for Fuel System  
U1131 Lack of fuel pump status response  
U1132 SCP (J1850) Communications Bus Fault  
U1133 SCP (J1850) Communications Bus Fault  
U1134 SCP (J1850) Communications Bus Fault  
U1135 Ignition switch signal missing or incorrect  
U1136 Invalid or Missing Data for Telltales  
U1137 Invalid or Missing Data for Telltales  
U1138 SCP (J1850) Communications Bus Fault  
U1139 SCP (J1850) Communications Bus Fault  
U1140 SCP (J1850) Communications Bus Fault  
U1141 SCP (J1850) Communications Bus Fault  
U1142 SCP (J1850) Communications Bus Fault  
U1143 SCP (J1850) Communications Bus Fault  
U1144 SCP (J1850) Communications Bus Fault  
U1145 SCP (J1850) Communications Bus Fault  
U1146 SCP (J1850) Communications Bus Fault  
U1147 The SCP communications has failed.  
U1148 SCP (J1850) Communications Bus Fault  
U1149 SCP (J1850) Communications Bus Fault  
U1150 SCP (J1850) Communications Bus Fault  
U1151 SCP (J1850) Communications Bus Fault  
U1152 SCP (J1850) Communications Bus Fault  
U1153 SCP (J1850) Communications Bus Fault  
U1154 SCP (J1850) Communications Bus Fault  
U1155 SCP (J1850) Communications Bus Fault  
U1156 SCP (J1850) Communications Bus Fault  
U1157 SCP (J1850) Communications Bus Fault  
U1158 SCP (J1850) Communications Bus Fault  
U1159 SCP (J1850) Communications Bus Fault  
U1160 SCP (J1850) Communications Bus Fault  
U1161 SCP (J1850) Communications Bus Fault  
U1162 SCP (J1850) Communications Bus Fault  
U1163 SCP (J1850) Communications Bus Fault  
U1164 SCP (J1850) Communications Bus Fault  
U1165 SCP (J1850) Communications Bus Fault  
U1166 SCP (J1850) Communications Bus Fault  
U1167 SCP (J1850) Communications Bus Fault  
U1168 SCP (J1850) Communications Bus Fault  
U1169 SCP (J1850) Communications Bus Fault  
U1170 SCP (J1850) Communications Bus Fault  
U1171 SCP (J1850) Communications Bus Fault  
U1172 SCP (J1850) Communications Bus Fault  
U1173 SCP (J1850) Communications Bus Fault  
U1174 SCP (J1850) Communications Bus Fault

U1175 SCP (J1850) Communications Bus Fault  
U1176 SCP (J1850) Communications Bus Fault  
U1177 SCP (J1850) Communications Bus Fault  
U1178 SCP (J1850) Communications Bus Fault  
U1179 SCP (J1850) Communications Bus Fault  
U1180 Invalid or Missing Data for Personalization (memory) features  
U1181 Invalid or Missing Data for Personalization (memory) features  
U1182 SCP (J1850) Communications Bus Fault  
U1183 SCP (J1850) Communications Bus Fault  
U1184 SCP (J1850) Communications Bus Fault  
U1185 SCP (J1850) Communications Bus Fault  
U1186 SCP (J1850) Communications Bus Fault  
U1187 SCP (J1850) Communications Bus Fault  
U1188 SCP (J1850) Communications Bus Fault  
U1189 SCP (J1850) Communications Bus Fault  
U1190 SCP (J1850) Communications Bus Fault  
U1191 SCP (J1850) Communications Bus Fault  
U1192 SCP (J1850) Communications Bus Fault  
U1193 SCP (J1850) Communications Bus Fault  
U1194 Invalid or Missing Data for Mirrors  
U1195 Invalid or Missing Data for Mirrors  
U1196 SCP (J1850) Communications Bus Fault  
U1197 SCP (J1850) Communications Bus Fault  
U1198 Invalid or Missing Luggage Compartment Lid signal Release data from a module on the communication network  
U1199 Invalid or Missing Data for External Access (doors)  
U1200 SCP (J1850) Communications Bus Fault  
U1201 Invalid or Missing Exterior Lamp Status signal from a module on the communication network  
U1202 SCP (J1850) Communications Bus Fault  
U1203 Invalid or Missing Autolamp Delay signal from a module on the communication network  
U1204 SCP (J1850) Communications Bus Fault  
U1205 SCP (J1850) Communications Bus Fault  
U1206 Invalid or Missing Illuminated Entry signal from a module on the communication network  
U1207 SCP (J1850) Communications Bus Fault  
U1208 SCP (J1850) Communications Bus Fault  
U1209 SCP (J1850) Communications Bus Fault  
U1210 Invalid or Missing Data for Restraints  
U1211 Invalid or Missing Data for Restraints  
U1212 Invalid or Missing Driver's Power Seat signal from a module on the communication network  
U1213 Invalid or Missing Driver's Seat Occupied signal from a module on the communication network  
U1214 SCP (J1850) Communications Bus Fault  
U1215 SCP (J1850) Communications Bus Fault  
U1216 Invalid or Missing Data for External Lamp Outage.  
U1217 Invalid or Missing Data for External Lamp Outage.  
U1218 Invalid or Missing Data for External Lamps.  
U1219 Invalid or Missing Data for External Lamps.  
U1220 Invalid or Missing Data for Interior Lamp Outage.  
U1221 Invalid or Missing Data for Interior Lamp Outage.  
U1222 Invalid or Missing Data for Interior Lamps  
U1223 Invalid or Missing Data for Interior Lamps  
U1224 SCP (J1850) Communications Bus Fault  
U1225 SCP (J1850) Communications Bus Fault  
U1226 SCP (J1850) Communications Bus Fault



U1227 SCP (J1850) Communications Bus Fault  
U1228 SCP (J1850) Communications Bus Fault  
U1229 SCP (J1850) Communications Bus Fault  
U1230 SCP (J1850) Communications Bus Fault  
U1231 SCP (J1850) Communications Bus Fault  
U1232 SCP (J1850) Communications Bus Fault  
U1233 SCP (J1850) Communications Bus Fault  
U1234 Invalid or Missing Data for Displays  
U1235 Invalid or Missing Data for Displays  
U1236 Invalid or Missing Memory Feature signal from a module on the communication network  
U1237 Invalid or Missing Memory signal from a module on this communication network  
U1238 SCP (J1850) Communications Bus Fault  
U1239 SCP (J1850) Communications Bus Fault  
U1240 SCP (J1850) Communications Bus Fault  
U1241 SCP (J1850) Communications Bus Fault  
U1242 SCP (J1850) Communications Bus Fault  
U1243 SCP (J1850) Communications Bus Fault  
U1244 SCP (J1850) Communications Bus Fault  
U1245 SCP (J1850) Communications Bus Fault  
U1246 SCP (J1850) Communications Bus Fault  
U1247 SCP (J1850) Communications Bus Fault  
U1248 SCP (J1850) Communications Bus Fault  
U1249 SCP (J1850) Communications Bus Fault  
U1250 SCP (J1850) Communications Bus Fault  
U1251 SCP (J1850) Communications Bus Fault  
U1252 SCP (J1850) Communications Bus Fault  
U1253 SCP (J1850) Communications Bus Fault  
U1254 SCP (J1850) Communications Bus Fault  
U1255 SCP (J1850) Communications Bus Fault  
U1256 No response from tester  
U1260 Single Ended (+) Circuit Failure  
U1261 Single Ended (-) Circuit Failure  
U1262 SCP Data Link Fault  
U1263 SCP (J1850) Communications Bus Fault  
U1308 Invalid or Missing Actual Torque signal from a module on the communication network  
U1341 Vehicle speed signal missing or incorrect  
U1423 The CAN communication with the IC.  
U1430 Invalid or Missing Data for Function Read Fuel System  
U1451 Anti-Theft status signal missing - engine disabled  
U1612 No response from a module on the communication network when specific data was requested  
U1715 Battery Voltage Status  
U1736 No response from a module on the communication network when specific data was requested  
U1738 No response from a module on the communication network when specific data was requested  
U1750 No response from a module on the communication network when specific data was requested  
U1751 SCP (J1850) Communications Bus Fault  
U1752 SCP (J1850) SCLM system status missing from FEM  
U1753 Lost Communication with Motor Pretensioner Module  
U1794 No response from a module on the communication network when specific data was requested  
U1797 No response from a module on the communication network when specific data was requested

U1798 No response from a module on the communication network when specific data was requested

U1806 No response from a module on the communication network when specific data was requested

U1812 No response from a module on the communication network when specific data was requested

U1834 No response from a module on the communication network when specific data was requested

U1900 Throttle Position Sensor Outputs Disagree

U1901 CAN 2 Communication Bus Fault - Receive Error

U1950 UBP Communication Bus Fault.

U2000 No response from the Audio Remote Chassis Unit (RCU)

U2001 No response from the Audio Tape Deck

U2002 No response from the Audio Bezel

U2003 Audio Compact Disc / Disc Jockey Unit is Not Responding

U2004 No response from a module on the communication network when specific data was requested

U2005 Audio Integrated Control Panel Unit is not responding

U2006 No response from a module on the communication network when specific data was requested

U2007 No response from the Audio Navigation Unit

U2008 Audio Phone is Not Responding

U2009 No response from a module on the communication network when specific data was requested

U2010 Module is not responding (non-SCP).

U2011 Invalid/fault data received

U2012 CAN Communication Bus Fault (missing messages)

U2013 The compass module is not responding.

U2014 No response from the Audio Subwoofer Unit

U2015 SCP Malfunction - PCM no communication with ALT Fuel Module (NGV).

U2016 Overhead Trip Computer Signal Link Circuit Failure

U2017 Side Crash Sensor Mount/Communication Fault,Front Driver side

U2018 Side Crash Sensor Mount/Comm.Fault,Front Passenger side

U2019 Audio Voice Module Not Responding

U2020 Audio Center Amp is not responding

U2021 Invalid/fault data received

U2022 Vehicle Communication Network Fault

U2023 Fault Received from External Node

U2024 No response from a module on the communication network when specific data was requested

U2025 No response from a module on the communication network when specific data was requested

U2026 No response from a module on the communication network when specific data was requested

U2027 Side air bag crash sensor (left-hand) communication fault.

U2028 Side air bag crash sensor (right-hand) communication fault.

U2029 DVD Unit is not Responding

U2030 Rain Sensor Communication Fault

U2031 Inner Left Rear Tire Pressure Sensor is Not Responding

U2032 Inner Right Rear Tire Pressure Sensor is Not Responding

U2033 VSM Communication Link Failure

U2034 Description Not Provided

U2035 Description Not Provided

U2050 No Application Present

U2051 One or More Calibration Files Missing/Corrupt

U2060 ECU Redundant Power Circuit Open

U2061 ECU Redundant Power Circuit Short to Ground  
U2062 ECU Redundant Ground Circuit Open  
U2063 ECU Redundant Ground Circuit Short to Battery  
U2064 Warning Indicator Requested by Another Control Module  
U2100 CAN communication fault  
U2101 The ECU data is not available.  
U2106 Lost Communication With The TCM  
U2108 Lost Communication With The ABS Control Module  
U2110 Lost Communication With BCM  
U2150 SCP(J1850) communication bus fault  
U2152 SCP(J1850) communication bus fault  
U2160 SCP(J1850) communication bus fault  
U2195 SCP (J1850) Communications Bus Fault  
U2197 Invalid data for Vehicle Speed  
U2201 Invalid data for ambient temperature  
U2202 Invalid Traction Battery Type Configuration Data Received from BCM  
U2226 UBP Communication Bus Fault.  
U2235 4x4 Mode Status Invalid  
U2306 Transmission PRNDL Range Selected Status Invalid  
U2338 UBP Communication Bus Fault.  
U2355 UBP Invalid Data From Node ID \$91  
U2362 UBP Communication Bus Fault.  
U2366 UBP Communication Bus Fault.  
U2367 UBP Communication Bus Fault.  
U2385 UBP Invalid Data From Node ID \$AF  
U2403 UBP Invalid Data From Node ID \$C1  
U2428 UBP Invalid Data From Node ID \$DA  
U2469 Power Liftgate Disabled By Customer Interface  
U2470 Unexpected Keyfob/Keypad Button Press  
U2471 Unexpected PRNDL State  
U2472 Unexpected Ignition State  
U2473 Unexpected Vehicle Speed VSS  
U2474 Unexpected Fuel Tank Pressure Sensor 1 Value  
U2475 Unexpected Fuel Tank Temperature Sensor 1 Value  
U2499 ECU Overheat Protection  
U2500 CAN communication bus fault  
U2501 Communication fault between the ABS ECU and the transmission control module  
U2502 Vehicle Communication Network Fault  
U2503 Missing CAN message from the HEC  
U2504 ABS signal missing  
U2505 Vehicle Communication Network Fault  
U2506 CRUISE signal  
U2507 Vehicle Communication Network Fault  
U2508 ABS signal missing  
U2509 Invalid or missing data for engine torque  
U2510 CAN communication bus fault  
U2511 CAN communication bus fault  
U2512 Invalid or missing data for engine RPM  
U2513 Transmission Position Data Invalid  
U2514 Vehicle speed signal missing or incorrect  
U2515 CRUISE signal  
U2517 CAN communication bus fault  
U2518 CAN communication bus fault  
U2519 CAN communication bus fault

U2520 CAN communication bus fault  
 U2521 CAN communication bus fault  
 U2522 Communication fault between the ABS ECU and the transmission control module  
 U2523 Communication fault between the ABS ECU and the PCM  
 U2524 CAN communication bus fault  
 U2525 CAN communication bus fault  
 U2526 CAN communication bus fault  
 U2528 PRNDL Data Mismatch  
 U2602 Vehicle Communication Network Fault  
 U2603 Vehicle Communication Network Fault  
 U2604 Vehicle Communication Network Fault  
 U2605 Vehicle Communication Network Fault  
 U2606 Vehicle Communication Network Fault  
 U2607 Vehicle Communication Network Fault  
 U260A Motor Pretensioner Module ECU Faulted  
 U2616 Left Front Tire Pressure Sensor Is Not Responding  
 U2617 Right Front Tire Pressure Sensor Is Not Responding  
 U2618 Left Rear Tire Pressure Sensor Is Not Responding  
 U2619 Right Rear Tire Pressure Sensor Is Not Responding  
 U261A CAN Data/Configuration Setup Mismatch  
 U261B Improper Program Termination  
 U261C USB 1 Device Error  
 U261D USB 2 Device Error  
 U2778 Voltage supply failure.  
 U2950 UBP missing data.  
 U3000 Control Module  
 U3001 Control Module Improper Shutdown  
 U3002 Vehicle Identification Number  
 U3003 Battery Voltage  
 U3004 Accessory Power Relay  
 U3005 Retained Accessory Power  
 U3006 Control Module Input Power A  
 U3007 Control Module Input Power B  
 U3008 Control Module Ground A  
 U3009 Control Module Ground B  
 U300A Ignition Switch  
 U300B Ignition Input Accessory/On/Start  
 U300C Ignition Input Off /On/Start  
 U300D Ignition Input On/Start  
 U300E Ignition Input On  
 U300F Ignition Input Accessory  
 U3010 Ignition Input Start  
 U3011 Ignition Input Off  
 C0213 Incorrect ABS control unit is installed.A unit for a 2WD vehicle has been installed in a 4WD vehicle.  
 C0214 ABS control unit defect  
 C0215 Module supply voltage fault  
 C0216 CAN communication error (short circuit on CAN bus)  
 C0221 Defective G sensor or incorrect ABS control unit is installed.A unit for a 4WD vehicle has been installed in a 2WD  
 C0222 Master cylinder pressure sensor signal fault  
 C0224 4WD switch signal fault  
 C0226 Communication error with the PCM or an open circuit in the CAN bus line.  
 C0233 Motor driver circuit problem  
 C0234 Motor rotation error

C0235 ASR communication error or frequent operation of ASR  
C0241 Fail-safe relay defective  
C0243 Solenoid driver circuit fault  
C0245 Solenoid monitor circuit fault  
C0251 LF wheel speed sensor open or short circuit  
C0252 RF wheel speed sensor open or short circuit  
C0253 LR wheel speed sensor open or short circuit  
C0254 RR wheel speed sensor open or short circuit  
C0261 LF wheel speed sensor signal fault or incorrect tire diameter  
C0262 RF wheel speed sensor signal fault or incorrect tire diameter  
C0263 LR wheel speed sensor signal fault or incorrect tire diameter  
C0264 RR wheel speed sensor signal fault or incorrect tire diameter  
C051B Tiptronic signal error  
C0551 Option coding fault  
C059B Tiptronic signal error  
C0869 Air suspension auxiliary inflator indicator lamp circuit failure  
C1001 HAS Valve Fault 1  
C1002 HAS Valve Fault 2  
C1011 Right Front ABS Valve coil open circuit  
C1012 RF ABS Valve coil short to battery.  
C1013 RF ABS Valve coil short to ground.  
C1026 LF ABS Valve coil open circuit.  
C1027 LF ABS Valve coil short to battery.  
C1028 LF ABS Valve coil short to ground.  
C1033 WSS-Open or Short  
C1056 RR ABS Valve coil open circuit.  
C1057 RR ABS Valve coil short to battery.  
C1058 RR ABS Valve coil short to ground.  
C1071 LR ABS Valve coil open circuit.  
C1072 LR ABS Valve coil short to battery.  
C1073 LR ABS Valve coil short to ground.  
C1081 ABS Safety Relay coil circuit open.  
C1082 ABS Safety Relay coil circuit short to battery.  
C1083 ABS Safety Relay coil circuit short to ground.  
C1084 ABS Safety Relay contact circuit short to battery.  
C1085 ABS Safety Relay contact circuit short to ground.  
C1090 Rear wheel speed sensor short input signal missing.  
C1091 ABS global wheel speed coherency fault  
C1092 Unable To calculate engine torque data  
C1093 Traction Control Disable Switch Circuit Failure  
C1094 Parking Brake Switch Circuit Failure  
C1095 Pump Motor Circuit Failure  
C1096 Pump Motor Open Circuit  
C1097 ABS hydraulic pump motor circuit short to gnd  
C1098 ABS hydraulic pump motor circuit short to battery  
C1099 electronic power steering motor malfunction  
C109A ABS Pump Supply Voltage Higher or Lower Than Expected  
C109B ABS Hydraulic Pump Motor Circuit- EMF Error  
C109C ABS Hydraulic Pump Motor Circuit- Pump Short Circuit  
C1100 ABS pump switch circuit failure  
C1101 ABS hydraulic valve circuit failure  
C1102 Acceleration switch circuit failure  
C1103 Hydraulic Brake Switch Circuit Failure  
C1104 Traction Control Active Lamp Output - Short to Battery

C1105 Traction Control Disable Lamp Output - Short to Battery  
C1106 Traction Control Disable Switch circuit Short to Battery  
C1107 ABS Function Enabled Input circuit failure  
C1108 Air in the hydraulic system  
C1109 Speed Control Actuator Assembly Cable Release Failure  
C110A ABS Active Circuit Short to Battery  
C110B Traction Control Disable Switch Circuit Open  
C1110 ABS Pump Motor Relay circuit failure  
C1111 ABS Pump Relay coil open circuit  
C1112 ABS power relay coil short circuit to gnd  
C1113 ABS power relay coil short circuit To Battery  
C1114 ABS power relay output short circuit to gnd  
C1115 ABS power relay output short circuit To Battery  
C1116 Starter Mptor Circuit Failure  
C1117 RPM input circuit failure  
C1118 Traction Control Indicated Torque Reduction Circuit Failure.  
C1119 TCS transfer input signal failure  
C1120 ABS voltage outside normal operating range  
C1121 Right Front Vertical Accelerometer Offset Out of Range  
C1122 Rear Vertical Accelerometer Offset Out of Range  
C1123 vehicle speed sensor failure  
C1124 Input Shaft Speed Signal Missing/Faulted  
C1125 Brake Fluid Level sensor input Circuit Failure  
C1126 Faulty speed control switch  
C1127 Faulty speed control switch  
C1128 Lateral Accelerometer Signal Fault  
C1129 Right Rear Height Sensor Circuit Failure  
C112A Lateral Accelerometer Sensor Out of Calibration  
C1130 Right Rear Height Sensor Circuit Out of Range  
C1131 Electric clutch system malfunction  
C1132 Electric clutch system malfunction  
C1133 Electric clutch system malfunction  
C1134 Gear shift position sensor circuit  
C1135 Gear Select Position Short to Battery  
C1136 Gear Select Position  
C1137 ABS Electronic Control Unit failure  
C1138 Gear Select Position Short to Battery  
C1139 Wheel Speed Sensor Center Tone Ring Missing Tooth Fault  
C1140 Hydraulic Brake Failure  
C1141 Left Front Tone Ring Missing Tooth Fault  
C1142 Right Front Tone Ring Missing Tooth Fault  
C1143 Left Rear Tone Ring Missing Tooth Fault  
C1144 Right Rear Tone Ring Missing Tooth Fault  
C1145 Right Front Wheel Speed Sensor Input Circuit Failure  
C1146 Right Front Wheel Speed Sensor Input Circuit Failure  
C1147 Right Front Wheel Speed Sensor Input Circuit Failure  
C1148 Right Front Wheel Speed Sensor coherency Fault  
C1149 Hydraulic Fluid Pressure/Flow Circuit Failure  
C1150 Two Speed Rear Axle Input Switch Circuit Short to Battery  
C1151 Right Front Wheel Speed Sensor Input Signal Missing  
C1152 Right Front Wheel Speed Sensor air gap fault(driven wheel)  
C1153 Right Front Wheel Speed Sensor air gap fault(non-driven wheel)  
C1154 Height Sensor Power Circuit Short To Battery  
C1155 Left Front Wheel Speed Sensor Input Circuit Failure

C1156 Fault on front left wheel speed sensor  
C1157 Apply vehicle Park Brake  
C1158 Left Front Wheel Speed Sensor Coherency Fault  
C1159 Hydraulic Fluid Pressure/Flow Circuit Short to Ground  
C115A Hydraulic Oil Temperature Sensor Circuit Input Above Normal Operating Temperature  
C1160 Fault on front left wheel speed sensor  
C1161 Low Air Brake Pressure Circuit Short to Ground  
C1162 Parking Brake #2 Input Circuit Failure  
C1163 Parking Brake #2 Release Input Circuit Short to Ground  
C1164 Parking Brake Actuator Assembly Switch Circuit Failure  
C1165 Right Rear Wheel Speed Sensor Input Circuit Failure  
C1166 Right Rear Wheel Speed Sensor Input Circuit Failure  
C1167 Parking Brake Actuator Assembly Switch Released Circuit Short to Ground  
C1168 Right Rear Wheel Speed Sensor Coherency Fault  
C1169 ABS Fluid Dumping Exceeds Maximum Timing  
C1170 PRNDL circuit fault  
C1171 Right Rear Wheel Speed Sensor Input Signal Missing  
C1172 Parking Brake Switch #1 Applied Circuit Failure  
C1173 Parking Brake Switch #1 Release Circuit Short to Ground  
C1174 Parking Brake #2 Applied Input Circuit Failure  
C1175 Left Rear Wheel Speed Sensor Input Circuit Failure  
C1176 Left Rear Wheel Speed Sensor Input Circuit Failure  
C1177 Parking Brake #2 Actuator Assembly Switch Released Circuit Failure  
C1178 Left Rear Wheel Speed Sensor Coherency Fault  
C1179 Left Rear Wheel Speed Sensor Coherency Fault  
C1180 Parking Brake Valve Solenoid #1 Sense Input Circuit Failure  
C1181 Parking Brake Valve Solenoid #1 Sense Input Short to Ground  
C1182 Parking Lamp Flash Relay Circuit Failure  
C1183 Parking Lamp Flash Relay Circuit Short to Battery  
C1184 Excessive Isolation Valve Failure  
C1185 ABS Power Relay Output Circuit Failure  
C1186 ABS Power Relay Output open Circuit  
C1187 Brake Fluid Level sensor input open Circuit  
C1188 brake fluid level sensor input short circuit to battery  
C1189 Brake Fluid Level Sensor Input Circuit Short To Ground  
C1190 Left front wheel speed sensor input short circuit to battery  
C1191 Left front wheel speed sensor input short circuit to ground  
C1192 Right front wheel speed sensor input short circuit to battery  
C1193 Right front wheel speed sensor input short circuit to ground  
C1194 Left Front Outlet Valve Coil Circuit Failure  
C1195 Left Front Outlet Valve Coil Circuit open  
C1196 Left Front Outlet Valve Coil Short Circuit To Battery  
C1197 Left Front Outlet Valve Coil circuit short to ground  
C1198 Left Front Inlet Valve Coil Circuit Failure  
C1199 left front inlet valve coil circuit open  
C1200 Left Front Inlet Valve Coil Short Circuit To Battery  
C1201 Left Front Inlet Valve Coil Short Circuit Short To Ground  
C1202 ABS Dump Valve Coil Rear Circuit Failure  
C1203 rear outlet valve coil circuit open  
C1204 ABS Rear Dump Valve Coil short circuit to battery  
C1205 rear outlet valve coil circuit short to ground  
C1206 ABS Isolation Valve Coil Rear Circuit Failure  
C1207 rear inlet valve coil circuit open  
C1208 ABS Rear Isolation Valve Coil short circuit to battery

C1209 rear inlet valve coil circuit short to ground  
C1210 Right Front Outlet Valve Coil Circuit Failure  
C1211 right front outlet valve coil circuit open  
C1212 Right Front Outlet Valve Coil Short Circuit To Battery  
C1213 right front outlet valve coil circuit short to ground  
C1214 Right Front Inlet Valve Coil Circuit Failure  
C1215 right front inlet valve coil circuit open  
C1216 Right Front Inlet Valve Coil Short Circuit To Battery  
C1217 right front inlet valve coil short circuit short to ground  
C1218 ABS warning indicator output circuit failure  
C1219 ABS warning indicator output circuit open  
C1220 ABS warning indicator output short circuit to battery  
C1221 ABS warning indicator output circuit short to ground  
C1222 Speed Wheel Mismatch  
C1223 Lamp Brake Warning Output Circuit Failure  
C1224 brake warning indicator output circuit open  
C1225 Brake Warning Indicator Output Short Circuit To Battery  
C1226 Brake Warning Indicator Output Short Circuit To Ground  
C1227 left rear wheel speed sensor input short to battery  
C1228 left rear wheel speed sensor input short to ground  
C1229 Rear wheel speed sensor coherency failure.  
C1230 Wheel Speed Sensor Rear Center Input Circuit Failure  
C1231 rear center wheel speed sensor circuit open  
C1232 rear center wheel speed sensor input short to battery  
C1233 Left Front Wheel Speed Sensor Input Signal Missing  
C1234 Right Front Wheel Speed Sensor Input Signal Missing  
C1235 Right Rear Wheel Speed Sensor Input Signal Missing  
C1236 Left Rear Wheel Speed Sensor Input Signal Missing  
C1237 Wheel speed Rear Input Signal Missing  
C1238 ABS Hydraulic Pressure Differential Switch input Circuit Failure  
C1239 ABS Hydraulic Pressure Differential Switch input Open Circuit  
C1240 ABS Hydraulic Pressure Differential Switch Input Short Circuit To Battery  
C1241 ABS Hydraulic Pressure Differential Switch Input Circuit Failure  
C1242 Left Rear Outlet Valve Coil Circuit Failure  
C1243 ABS Outlet Valve Coil LR Circuit Open  
C1244 Left Rear Outlet Valve Coil Short Circuit To Battery  
C1245 ABS Outlet Valve Coil LR Circuit Short To Ground  
C1246 Right Rear Outlet Valve Coil Circuit Failure  
C1247 Right Rear Outlet Valve Coil Circuit open  
C1248 Right Rear Outlet Valve Coil Short Circuit To Battery  
C1249 right rear outlet valve coil circuit short to ground  
C1250 Left Front Inlet Valve Coil Circuit Failure  
C1251 Left rear inlet valve coil circuit open  
C1252 Left Front Inlet Valve Coil Short Circuit To Battery  
C1253 left rear inlet valve coil circuit short to ground  
C1254 Right Rear Inlet Valve Coil Circuit Failure  
C1255 right rear inlet valve coil circuit open  
C1256 Right Rear Inlet Valve Coil Short Circuit To Battery  
C1257 right rear inlet valve coil circuit short to ground  
C1258 Left front wheel speed comparison failure.  
C1259 Right front wheel speed comparison failure.  
C1260 Rear wheel speed comparison failure.  
C1261 Rear wheel speed comparison failure.  
C1262 Lamp Warning Relay Circuit Failure



C1263 Lamp Warning Relay Circuit open  
C1264 Lamp Warning Relay Circuit Short To Battery  
C1265 Red Brake Warning Lamp Relay control circuit short to ground  
C1266 ABS valve relay/valve relay supply voltage fault  
C1267 ABS Functions Temporarily Disabled  
C1268 Motor Relay #1 Circuit Failure  
C1269 Motor Relay #1 Circuit Failure  
C1270 Motor #1 Input Circuit Failure  
C1271 Motor #1 Input Circuit Failure  
C1272 Motor #2 Input Circuit Failure  
C1273 Motor #2 Input Circuit Failure  
C1274 Solenoid Relay #1 Circuit Failure  
C1275 Solenoid Relay #1 Circuit Failure  
C1276 Parking Brake Switch Circuit Failure  
C1277 Invalid or missing data for Steering Wheel Angle Sensor  
C1278 DTC5278\$F  
C1279 Yaw Rate Sensor and Lateral Accelerometer Circuit Failure  
C127A Yaw Rate Sensor Out of Calibration  
C1281 Lateral Accelerometer Circuit Failure  
C1282 DTC5282\$F  
C1283 Switch Test Signal Failure  
C1284 Oil Pressure Switch Failure  
C1285 DTC5285\$F  
C1286 Booster Pedal Force Switch Circuit Failure  
C1287 Booster Pedal Force Switch Circuit Failure  
C1288 Brake Pressure Sensor Circuit Failure  
C1289 DTC5289\$F  
C1290 Pressure Transducer Circuit Failure  
C1291 ACC Module Overheated  
C1292 ACC Blockage detection  
C1293 ACC Alignment offset angle out of Range  
C1294 ACC Active Speed Out of Range  
C1295 steering wheel angle sensor signal failure  
C1296 Left Front Wheel Speed Sensor Input Signal Fault  
C1297 Right Front Wheel Speed Sensor Input Signal Fault  
C1298 Right Rear Wheel Speed Sensor Input Signal Fault  
C1299 Left Rear Wheel Speed Sensor Input Signal Fault  
C1300 ABS pump motor circuit failure  
C1301 ABS operation timed out  
C1302 Left front isolation clamping circuit failure  
C1303 Right front isolation clamping circuit failure  
C1304 Cruise control command switch resistance out of range  
C1305 Longitudinal accelerometer signal fault  
C1306 Steering wheel angle-no center found during initialization  
C1307 Steering wheel angle sensor encoder ring defective  
C1308 Wheel speed sensor wire(s)shorted to ground  
C1309 Wheel speed sensor wires shorted together  
C130A Lateral Accelerometer Sensor Out of Calibration  
C1310 Brake hydraulic pressure transducer front left wheel circuit failure  
C1311 Brake hydraulic pressure transducer front left wheel signal fault  
C1312 Brake hydraulic pressure transducer front right wheel circuit failure  
C1313 Brake hydraulic pressure transducer front right wheel signal fault  
C1314 Brake hydraulic pressure transducer rear left wheel circuit failure  
C1315 Brake hydraulic pressure transducer rear left wheel signal fault

C1316 Brake hydraulic pressure transducer rear right wheel circuit failure  
C1317 Brake hydraulic pressure transducer rear right wheel signal fault  
C1318 Brake hydraulic pressure transducer accumulator circuit fault  
C1319 Brake hydraulic pressure transducer accumulator signal fault  
C1320 Brake hydraulic accumulator travel sensor circuit failure  
C1321 Brake hydraulic accumulator travel sensor signal failure  
C1322 Brake hydraulic master cylinder piston-travel sensor 1 circuit failure  
C1323 Brake hydraulic master cylinder piston-travel sensor 1 signal failure  
C1324 Brake hydraulic master cylinder piston-travel sensor 2 circuit failure  
C1325 Brake hydraulic master cylinder piston-travel sensor 2 signal failure  
C1326 Hydraulic control unit is faulted  
C1327 Brake fluid level low  
C1328 Electro-hydraulic general pressure sensor failure  
C1329 ABS outlet valve coil right front circuit excessive temperature  
C1330 ABS outlet valve coil left rear circuit excessive temperature  
C1331 ABS outlet valve coil right rear circuit excessive temperature  
C1332 ABS outlet valve coil left front circuit excessive temperature  
C1333 ABS outlet valve coil left rear circuit excessive temperature  
C1334 ABS outlet valve coil left front circuit excessive temperature  
C1335 ABS outlet valve coil right front circuit excessive temperature  
C1336 ABS inlet valve coil right rear circuit excessive temperature  
C1400 Right front traction assist valve circuit failure  
C1401 Right front traction assist valve coil open circuit  
C1402 Right front traction assist valve coil short circuit battery  
C1403 Right front traction assist valve coil short circuit to ground  
C1405 traction control valve rear circuit open  
C1406 traction control valve rear circuit short to ground  
C1407 traction control valve rear circuit short to battery  
C1408 Park brake release switch circuit out of range  
C1409 Park brake apply switch circuit out of range  
C1410 Left front traction assist valve circuit failure  
C1411 Left front traction assist valve coil open circuit  
C1412 Left front traction assist valve coil short circuit to battery  
C1413 Left front traction assist valve coil short circuit to ground  
C1414 Incorrect module design level note:this dtc may have additional diagnostic information available(fault pids).refer to datalogger,systems,restraint systems to view these fault pids.  
C1415 incorrect module configuration  
C1416 Damper right front circuit short to battery  
C1417 Damper right front circuit short to ground  
C1418 Damper right front circuit failure  
C1419 Damper right front circuit open  
C1420 Hydraulic fluid pressure/flow circuit short to battery  
C1421 Damper left front circuit short to battery  
C1422 Damper left front circuit short to ground  
C1423 Damper left front circuit failure  
C1424 Damper left front circuit open  
C1425 Damper right rear circuit short to ground  
C1426 Damper right rear circuit short to battery  
C1427 Damper right rear circuit open  
C1428 Damper right rear circuit failure  
C1429 Input shaft speed  
C1430 Damper left rear circuit open  
C1431 Damper left rear circuit short to battery  
C1432 Damper left rear circuit short to ground

C1433 Damper left rear circuit failure  
C1435 Accelerometer rear circuit failure  
C1436 Accelerometer rear circuit signal is not sensed  
C1437 Accelerometer rear circuit short to ground  
C1438 Accelerometer rear circuit short to battery  
C1439 Vehicle accelerometer pcm circuit failure  
C1440 Pressure difference between brake circuits  
C1441 Steering sensor channel a circuit failure  
C1442 Steering sensor channel b circuit failure  
C1443 Steering phase a circuit short to ground  
C1444 Steering phase b circuit short to ground  
C1445 Vehicle speed input low when vehicle speed=0 mph  
C1446 Brake switch circuit failure open or shorted to ground  
C1447 Traction control module request circuit failure  
C1448 Lamp adaptive damping warning circuit failure  
C1449 Traction control motor coherency fault  
C144A Steering phase circuit short to ground  
C144B Steering phase z circuit short to ground  
C144C Steering phase c circuit signal is not sensed  
C144D Steering phase z circuit signal is not sensed  
C1450 Traction control motor circuit failure  
C1451 Traction control motor circuit open  
C1452 Traction control motor circuit short to battery  
C1453 Traction control motor circuit short to ground  
C1454 Front lateral accelerometer circuit failure  
C1455 Accelerometer front circuit failure  
C1456 Accelerometer front circuit is not sensed  
C1457 Accelerometer front circuit short to ground  
C1458 Accelerometer front circuit short to battery  
C1459 Adaptive mode switch circuit failure  
C1460 Accelerometer sensor circuit failure  
C1461 Accelerometer sensor circuit failure  
C1462 Left front vertical accelerometer circuit failure  
C1463 Right front vertical accelerometer circuit failure  
C1464 Pressure transducer redundant/secondary signal faulted  
C1465 Damper high side front circuit short to battery  
C1466 Damper circuit failure  
C1467 Damper high side rear circuit short to battery  
C1468 Damper low side front circuit failure  
C1469 Damper low side rear circuit failure  
C1470 ICS function temperature disabled  
C1471 High pressure accumulator(HPA) volume consumption plausibility failure  
C1472 Master cylinder volume/travel plausibility failure  
C1473 Brake system valve calibration data failure  
C1474 High pressure accumulator(HPA) sensor calibration data failure  
C1475 High pressure accumulator(HPA) pressure/volume/temperature plausibility failure  
C1476 Brake system pump volume feed too low plausibility failure  
C1477 High pressure hydraulic circuit leakage plausibility failure  
C1478 Left front wheel brake pressure control plausibility failure  
C1479 Left rear wheel brake pressure control plausibility failure  
C1480 Right front wheel brake pressure control plausibility failure  
C1481 Right rear wheel brake pressure control plausibility failure  
C1482 Air bleed check not complete  
C1483 Valve calibration incomplete

C1484 Brake pads worn input short to ground  
C1491 Traction assist motor open circuit  
C1492 Traction assist motor short circuit to battery  
C1493 Traction assist motor short circuit to ground  
C1495 Traction assist throttle cable position sensor out of range  
C1496 Traction control motor potentiometer circuit open  
C1497 Traction control motor potentiometer circuit short to battery  
C1498 Traction control motor potentiometer circuit short to ground  
C1499 Traction case contact plate a encoder circuit failure  
C1500 Traction case contact plate b encoder circuit failure  
C1501 Generator  
C1502 Transfer case contact plate d encoder circuit failure  
C1503 Dynamic stability control valve left front circuit failure  
C1504 Dynamic stability control control valve right front circuit failure  
C1505 dynamic stability control control valve left rear circuit failure  
C1506 dynamic stability control valve right rear circuit failure  
C1507 Traction control of brake exceeds time-out  
C1508 Traction control of engine exceeds time-out  
C1510 Right front wheel pressure reduction performance problem  
C1511 Left front wheel pressure reduction performance problem  
C1512 Right rear wheel pressure reduction performance problem  
C1513 Left rear wheel pressure reduction performance problem  
C1515 Lateral Accelerometer Circuit Failure  
C1516 Roll rate sensor signal fault  
C1517 Roll rate sensor circuit failure  
C1518 Red fault warning lamp indicator short to battery  
C1519 Red fault warning lamp indicator circuit failure  
C1520 Delta-s plausibility failure  
C1521 Delta-s circuit failure  
C1522 Brake pedal travel sensor internal power supply failure  
C1523 Brake fluid level sensor out of range  
C1524 Brake pedal travel sensor calibration incomplete  
C1525 Brake system initialization incomplete  
C1526 Brake pedal travel sensor fault  
C1527 traction control rear valve circuit excessive temperature  
C1528 Traction control left front valve circuit excessive temperature  
C1529 Booster solenoid circuit excessive temperature  
C152A Dynamic stability control right front valve circuit excessive temperature  
C152B Dynamic stability control left front valve circuit excessive temperature  
C1530 Dynamic stability control right front valve circuit excessive temperature  
C1531 Dynamic stability control left front valve circuit excessive temperature  
C1600 Regenerative brake system fault  
C1601 %x-battery voltage out of limits  
C1604 steering shaft torque sensor malfunction  
C1606 electronic-power steering motor malfunction  
C1607 ERROM malfunction  
C1608 ECU internal fault  
C1609 vehicle speed signal circuit failure  
C1610 RPM input circuit failure  
C1699 Rear outer left sensor circuit short to battery  
C1700 Rear outer left sensor circuit failure  
C1701 Rear outer left sensor fault  
C1702 Rear outer right sensor circuit short to battery  
C1703 Rear outer right sensor circuit failure

C1704 Rear outer right sensor fault  
C1705 Rear inner left sensor circuit short to battery  
C1706 Rear inner left sensor circuit failure  
C1707 Left rear center sensor circuit fault  
C1708 Rear inner right sensor circuit short to battery  
C1709 Rear inner right sensor circuit failure  
C170A UP arrow button circuit failure  
C170B ENTER button circuit failure  
C170C DOWN arrow button circuit failure  
C170D MENU button circuit failure  
C1710 Rear inner right sensor fault  
C1711 Front outer left sensor circuit short to battery  
C1712 Front outer left sensor circuit failure  
C1713 Front outer left sensor fault  
C1714 Front outer right sensor circuit short to battery  
C1715 Front outer right sensor circuit failure  
C1716 Front outer right sensor fault  
C1717 Front inner left sensor circuit short to battery  
C1718 Front inner left sensor circuit failure  
C1719 Front inner left sensor fault  
C1721 Air suspension height sensor power circuit open  
C1722 Height sensor power circuit failure  
C1723 Height sensor power circuit failure  
C1724 Height sensor power circuit failure  
C1725 Front pneumatic fault  
C1726 Rear pneumatic fault  
C1727 Air suspension reservoir pneumatic circuit failure  
C1728 Unable to transition between 4H and 2H  
C1729 Transfer case unable to transition between 4H and 4L  
C1730 Reference voltage out of range (+5v)  
C1731 Left front air suspension corner up timeout  
C1732 Left front air suspension corner down timeout  
C1733 Right front air suspension corner up timeout  
C1734 Right front air suspension corner down timeout  
C1735 Left rear air suspension corner up timeout  
C1736 Left rear air suspension corner down timeout  
C1737 Right rear air suspension corner up timeout  
C1738 Right rear air suspension corner down timeout  
C1739 Front inner right sensor circuit short to battery  
C173A Right front center sensor open circuit  
C173B Left front sensor open circuit  
C173C Right front sensor open circuit  
C173D Left front center sensor open circuit  
C1740 Front inner right sensor circuit failure  
C1741 Front inner right sensor fault  
C1742 Rear sounder circuit failure  
C1743 Rear sounder circuit short to battery  
C1744 Front sounder circuit failure  
C1745 Front sounder circuit short to battery  
C1748 Switch input circuit short to ground  
C1749 Trailer input circuit failure  
C1750 Accelerator position sensor out of range  
C1751 Vehicle speed sensor #1 circuit failure  
C1752 Vehicle speed sensor #1 circuit failure

C1753 Hydraulic clutch actuator valve signal  
C1754 Hydraulic clutch actuator valve circuit  
C1755 Power limit shutdown fault  
C1756 Front height sensor circuit fault  
C1757 Air suspension front height sensor high signal circuit open  
C1758 Air suspension front height sensor high signal short to battery  
C1759 Air suspension front height sensor high signal circuit short to ground  
C1760 Rear height sensor circuit fault  
C1761 Air suspension rear height sensor high signal circuit open  
C1762 Air suspension rear height sensor high signal circuit short to battery  
C1763 Air suspension rear center height sensor high signal ground short  
C1765 Air suspension rear center height sensor low signal circuit failure  
C1766 Air suspension rear height sensor low signal circuit open  
C1767 Air suspension rear height sensor low signal short to battery  
C1768 Air suspension rear center height sensor low signal circuit failure  
C1769 Park brake apply switch circuit short to ground  
C1770 Air suspension vent solenoid circuit failure  
C1771 Air suspension vent solenoid circuit failure  
C1772 Air suspension vent solenoid circuit failure  
C1773 Air suspension compressor vent solenoid circuit short to ground  
C1774 Coolant temperature out of range  
C1775 DC-DC converter failure  
C1776 Heater system failure  
C1777 Vacuum pressure circuit failure  
C1778 Power steering failure  
C1779 Blower switch failure  
C1780 Temperature select failure  
C1781 The next patch for this release is not on the floppy disk.  
C1782 Park brake release switch circuit failure  
C1783 Park brake switch #1 release circuit short ground  
C1784 Electric park brake motor output short to ground  
C1785 Electric park brake motor output open circuit  
C1786 Electric park brake motor output battery short to ground  
C1787 Stoplamp relay output circuit short to battery  
C1788 Stoplamp relay output circuit short to ground  
C1789 Stoplamp relay output circuit open  
C1790 Left rear air spring solenoid circuit failure  
C1791 Air suspension left rear air spring solenoid  
C1792 Left rear air spring solenoid short to power  
C1793 Left rear air spring solenoid circuit failure  
C1794 Air suspension vehicle over gross vehicle weight  
C1795 Right rear air spring solenoid circuit failure  
C1796 Air suspension right rear air spring solenoid  
C1797 Right rear air spring solenoid short to power  
C1798 Right rear air spring solenoid circuit failure  
C1799 Hall effect circuit failure  
C1800 Air suspension reservoir solenoid circuit failure  
C1801 Motor engage current reached before full apply travel distance  
C1802 Motor engage current not reached or traveled too far  
C1803 Motor disengage full travel distance not reached upon release  
C1804 Park brake apply switch stuck on  
C1805 Mismatched pcm and/or abs.tcs module  
C1806 Park brake release switch stuck on  
C1807 Vent solenoid supply short to battery

C1808 Vent solenoid supply short to ground  
C1809 Air suspension vent request exceeded maximum timing  
C1810 Air suspension height sensor out of range  
C1811 Air suspension return to trim timeout many valve failure dtcs  
C1812 Air suspension height sensor failure  
C1813 Air suspension vent request exceeded maximum timing  
C1814 Air suspension vent request exceeded maximum timing  
C1815 EPS motor output short to battery  
C1816 Electric park brake needs service  
C1818 Air suspension compressor timeout  
C1819 Air suspension right rear air compress request exceeded maximum timing  
C1820 Air suspension compressor thermal timeout exceeded  
C1821 Electric park brake motor failure  
C1822 Electric park brake sensor electrical failure  
C1823 Electric park brake sensor signal failure  
C1824 Electric park brake motor H-Bridge failure  
C1825 Missing cranking signal  
C1826 Electric park brake electric failure  
C1827 Electric park brake switch defective  
C1828 EPB force sensor not calibrated  
C1829 EPB switch not connected  
C1830 Air compressor relay coil circuit failure  
C1831 Air suspension compressor relay circuit open  
C1832 Air compressor relay coil circuit failure  
C1833 Air suspension compressor relay circuit short to ground  
C1834 Gauge drive current fault  
C1835 Current sensor out of range  
C1836 Battery electrolyte temperature  
C1837 Battery heater circuit failure  
C1838 Charging system fault.  
C1839 Leakage fault  
C1840 Air suspension disable switch circuit failure  
C1841 Air suspension disable switch circuit open  
C1842 Air suspension disable switch circuit short to battery  
C1843 Air suspension disable switch circuit short to ground  
C1844 Air suspension front inflator secondary solenoid output circuit failure  
C1845 Air suspension front inflator solenoid output circuit failure  
C1846 Air suspension front inflator solenoid output circuit failure  
C1847 Air suspension front inflator solenoid output circuit failure  
C1848 Air suspension front inflator solenoid output circuit failure  
C1849 Master cylinder pressure out of range  
C1850 Air suspension warning indicator circuit failure  
C1851 Air suspension warning indicator circuit failure  
C1852 Air suspension warning indicator short to power  
C1853 Air suspension warning indicator circuit failure  
C1854 Motor temperature out of range  
C1855 Acceleration position sensor conflict  
C1856 Traxion motor encoder circuit failure  
C1859 PRNDL input no.2 circuit failure  
C1860 PRNDL input no.3 circuit failure  
C1861 PRNDL input no.4 circuit failure  
C1862 Contactor circuit failure  
C1863 External charging fault  
C1864 Battery module fault

C1865 Air suspension rear inflator solenoid output circuit failure  
C1866 Air suspension rear inflator solenoid output circuit failure  
C1867 Air suspension rear inflator solenoid output circuit failure  
C1868 Air suspension rear inflator solenoid output circuit failure  
C1869 Air suspension gate solenoid output circuit failure  
C1870 Air suspension gate solenoid output circuit failure  
C1871 Air suspension gate solenoid output circuit failure  
C1872 Air suspension gate solenoid output circuit failure  
C1873 Right front air suspension spring solenoid circuit failure  
C1874 Right front air suspension spring solenoid circuit failure  
C1875 Right front air suspension spring solenoid circuit failure  
C1876 Right front air suspension spring solenoid circuit short to ground  
C1877 Left front air suspension spring solenoid circuit failure  
C1878 Left front air suspension spring solenoid circuit failure  
C1879 Left front air suspension spring solenoid circuit failure  
C1880 Left front air suspension spring solenoid circuit short to ground  
C1881 Right front air suspension height sensor circuit failure  
C1882 Right front air suspension height sensor circuit open  
C1883 Right front air suspension height sensor circuit short to battery  
C1884 Right front air suspension height sensor circuit short to ground  
C1885 Right rear air suspension height sensor circuit failure  
C1886 Right rear air suspension height sensor circuit open  
C1887 Right rear air suspension height sensor circuit short to battery  
C1888 Right rear air suspension height sensor circuit short to ground  
C1889 Left front air suspension height sensor circuit failure  
C1890 Left front air suspension height sensor circuit open  
C1891 Left front air suspension height sensor circuit short to battery  
C1892 Left front air suspension height sensor circuit short to ground  
C1893 Air suspension LR height sensor circuit failure  
C1894 Left rear air suspension height sensor circuit open  
C1895 Left rear air suspension height sensor circuit short to battery  
C1896 Left rear air suspension height sensor circuit short to ground  
C1897 VAPS circuit failure  
C1898 VAPS circuit open  
C1899 VAPS circuit short to battery  
C1900 VAPS circuit short to ground  
C1901 Rear right shock circuit fault  
C1902 Right rear shock actuator  
C1903 Right rear shock actuator  
C1904 Rear right shock circuit fault  
C1905 A rear left shock absorber circuit fault has been reported.  
C1906 Left rear shock actuator  
C1907 Left rear shock actuator  
C1908 A rear left shock absorber circuit fault has been reported.  
C1909 Front right shock circuit fault  
C1910 Right front shock actuator  
C1911 Right front shock actuator  
C1912 Front right shock circuit fault  
C1913 A front left shock absorber circuit fault has been reported.  
C1914 Left front shock actuator  
C1915 Left front shock actuator  
C1916 A front left shock absorber circuit fault has been reported.  
C1917 Air suspension electrical variable orifice (EVO) out-of-range  
C1918 Air suspension ride height select switch circuit failure



C1920 Memory LED circuit failure  
C1921 VAPS circuit failure  
C1922 VAPS circuit open  
C1923 VAPS circuit short to battery  
C1924 VAPS circuit short to ground  
C1925 VAPS solenoid actuator return circuit failure  
C1926 VAPS circuit open  
C1927 VAPS circuit short to battery  
C1928 VAPS solenoid actuator return circuit short to ground  
C1929 Air compressor relay coil circuit failure  
C192A Solenoid actuator circuit failure  
C192B Solenoid actuator circuit open  
C192C Solenoid actuator circuit short to battery  
C192D Solenoid actuator circuit short to ground  
C1930 Air Suspension Front Compressor Relay Circuit Open  
C1931 Air compressor relay coil circuit failure  
C1932 Air Suspension Front Compressor Relay Circuit Short To Ground  
C1933 Solenoid current out of range  
C1934 Hydraulic Pump Unit Pressurization Failure  
C1935 Chime Circuit Failure  
C1936 Hydraulic pump relay circuit failure  
C1937 DTC5937\$F  
C1938 Invalid or missing data for Steering Wheel Angle Sensor  
C1939 Brake Pressure Switch Input Circuit Failure  
C1940 Brake Pressure Switch Mechanical Failure  
C1941 Zero Seat Weight Test Failure  
C1942 Unrecognized Powertrain Configuration  
C1943 Airbag deployment indication input fault  
C1944 Gauge driver Circuit Fault  
C1945 Park Switch Indicator Park with Vehicle Moving.  
C1946 Seat Track Position Switch Circuit Open  
C1947 Seat Track Position Switch Circuit Short to ground.  
C1948 Seat Track Position Switch Circuit Resistance Out of Range  
C1949 Accelerometer sensor circuit open  
C1950 Accelerometer sensor circuit failure  
C1951 Lateral accelerometer sensor circuit open  
C1952 Yaw rate sensor circuit open  
C1953 Master cylinder pressure sensor circuit open  
C1954 Master cylinder pressure sensor circuit failure  
C1955 Steering Angle Sensor-Open Or Short  
C1957 Dynamic stability control valve right front circuit failure  
C1958 Dynamic stability control valve left front circuit failure  
C1959 Lateral Accelerometer Circuit Failure  
C195A Steering Angle Sensor Circuit Short To Battery  
C195B Steering Angle Sensor Circuit Short To Ground  
C1960 Driver Brake Apply Circuit Fault  
C1961 Park Lamp Relay Coil Circuit Failure  
C1962 Park Lamp Relay Coil Circuit Short to Battery.  
C1963 Stability Control Inhibit Warning  
C1964 Air Suspension Air Compressor Request Exceeded Maximum Timing  
C1965 Fuel Level  
C1966 RDO Short circuit to battery  
C1967 RDO Short circuit to ground  
C1968 Electronic Panic Brake Assist Failure

C1969 ESP disable switch circuit fault  
C1970 4x4 Low Mode Switch LED Short to Battery.  
C1971 4x4 Low Mode Switch LED Circuit Failure.  
C1972 Air Suspension Kneel Switch Circuit Failure  
C1973 Air Suspension Inching Switch Circuit Failure  
C1974 Air Reservoir Not Filling  
C1976 Audio Steering Wheel Switch Circuit - Open Circuit  
C1977 Audio Steering Wheel Switch Circuit Short To Ground  
C1978 Audio Steering Wheel Switch Circuit Short To Battery  
C1979 TWE Solenoid Circuit Failure  
C197A 4x4 low Input Short to Ground  
C197B 4x4 High Input Short to Ground  
C197C ABS Pressure Sensor Out of Calibration  
C1980 IWE Solenoid Circuit Short to Battery  
C1981 Front Driver Seat Track Position Switch Circuit Fault  
C1983 Radar Sensor fault  
C1984 Radar Sensor Circuit Failure  
C1985 Reversing Aid Disable Switch Stuck Low  
C1986 VAPS Initial Speed Above Threshold  
C1987 Yellow fault warning Lamp indicator Short To battery  
C1988 Yellow fault warning Lamp indicator Circuit Failure  
C1989 Park Brake Apply and Release Switch Contacts Energized Simultaneously  
C198A Front Radar Signal Out of Range  
C198B Front Radar Internal Circuit Failure  
C198C Front Radar Aiming Not Completed  
C198D Front Radar Aiming Error  
C198E Lost Communication with Rador  
C198F Lost Communication with switch Pack  
C1990 Incomplete Online Tests  
C1991 Module Calibration Failure  
C1992 Vehicle Speed Data  
C1993 Air Suspension Pressure Sensor Circuit Failure  
C1995 Air Suspension Moisture Ejector Valve Circuit Failure  
C1996 Active Yaw Control Disabled  
C1997 Pressure Controller Plausibility Fault  
C1998 Module Calibration Failure  
C1999 Vehicle Speed Signal Circuit Short to Ground  
C199A Pre-Crash Safety System Switch Circuit Short to Battery  
C199B Adaptive Cruise Control Distance Switch Circuit Short to Battery  
C199C Invalid Data Received from Radar  
C199D Invalid Data Received from Motor Pretensioner Module  
C2000 Steering Angle Sensor Not Calibrated  
C2001 Ride Height Calibration Error  
C2002 Pneumatic Test Failure  
C2200 Front Passenger's Seat Track Position Switch Circuit Fault  
C2201 Front Passenger's Seat Track Position Switch Circuit Open  
C2202 Front Passenger's Seat Track Position Switch Circuit Short to Ground  
C2203 Front Passenger's Seat Track Position Switch Circuit Short to Battery  
C2204 Front Passenger's Seat Track Position Switch Circuit Resistance Out of Range  
C2205 Forward Seat Extender Position Switch Circuit Short to Battery  
C2206 Rearward Seat Extender Position Switch Circuit Short to Battery  
C2207 Forward / Rearward Seat Extender Potentiometer Feedback Circuit Short to Battery  
C2208 Forward / Rearward Seat Extender Potentiometer Feedback Circuit Short to Ground  
C2209 Forward / Rearward Seat Extender Motor Stalled

C2250 Vehicle Speed Signal Circuit Short to Battery  
C2251 Implausible Vehicle Speed Deceleration  
C2300 Valve Supply Circuit Failure  
C2301 Damper Supply Circuit Failure  
C2302 Levelling Plausibility Failure  
C2303 Reservoir Plausibility Failure  
C2304 Damper Supply Circuit Short to Ground  
C2305 Damper Supply Circuit Short to Battery  
C2767 Audio Integrated Control Panel Unit is not responding  
C2768 Sensor Self Test Signal Faulted  
C2769 Longitudinal Acceleration Sensor Electronic Failure  
C276A Longitudinal Acceleration Sensor Not Detected  
C276B Incorrect Longitudinal Acceleration Sensor Detected  
C276C Incorrect Longitudinal Acceleration Sensor Out of Calibration  
C2770 Longitudinal Acceleration Sensor Plausibility Failure  
C2774 Pedal Travel Sensor Plausibility Failure  
C2775 ESP/TCS or TCS disable switch circuit failure  
C2777 Sensor Cluster Bus Failure  
C2778 Sensor Power Supply Failure  
C2779 Fault DTC(CM): Air Suspension Air Spring / Shock Solenoid Circuit Failure  
C2780 ECU In Manufacturer Sub-state  
C2781 Compressor Solenoid Circuit Fault  
C2782 ECU temperature sensor failure  
C2783 Sensor Cluster Incorrect  
C2784 RAM Checksum Error  
C2786 Left Rear Sensor Open Circuit  
C2787 Right Rear Sensor Open Circuit  
C2788 Left Rear Center Sensor Open Circuit  
C2789 Right Rear Center Sensor Open Circuit  
C2790 LED Array Circuit Failure  
C2791 Power Steering Motor Circuit Open  
C2792 Power Steering Motor Circuit Short to Battery  
C2793 Power Steering Motor Circuit Short to Ground  
C2794 Power Steering Motor Overheat Protection  
C2795 Brake Assist Unable to Initialize  
C2796 Brake Pressure Transducer Supply Circuit Failure  
C2797 Brake Pressure Transducer Supply Short to Battery  
C2798 Brake Pressure Transducer Supply Short to Ground  
C2799 Brake Pressure Transducer Supply Circuit Open  
C279A Invalid Brake Pressure Transducer Pressure Input Received  
C2800 Brake pressure transducer sense circuit open  
C2801 Brake pressure transducer sense short to ground  
C2802 Brake pressure transducer sense short to battery  
C2803 Brake pressure transducer sense circuit failure  
C2804 Brake pressure transducer ground circuit open  
C2805 Brake pressure transducer ground circuit short to battery  
C2806 Trailer brake output circuit short to vbatt  
C2807 Trailer brake output circuit short to ground  
C2808 Trailer brakes output overload  
B0001 ECU internal fault  
B0002 PATS Programming Failure  
B0003 Transponder Key Signal Not Received  
B0004 Antenna Coil Circuit Failure  
B0007 PCM Communication Fault (signal not detected)

B0008 AN erratic signal was received from the transponder key.  
B0009 Transponder Key Programming Failure  
B0010 Transponder Key Misjudgment  
B0012 Transponder Key Not Programmed  
B0013 Transponder Key Incorrect  
B0014 PCM Communication Fault (secret key error)  
B1000 ECU internal fault  
B1001 Headlamp Leveling Relay Coil Short to Battery  
B1002 Headlamp Leveling Relay Coil Failure  
B1003 Mode Door Circuit Failure  
B1004 Glow Plug Short to Battery or Transistor failure  
B1005 Fuel Pump Short to Battery or Transistor failure  
B1006 Low Fuel Level to start Heater  
B1007 Coolant Pump Short to Battery or Transistor Failure  
B1008 Blower Fan Short to Battery or Transistor Failure  
B1009 Heat Switch Short to Ground  
B100A Smart Unlock Plausibility Fault  
B100B Left Headlamp Swivel Control Failure  
B100C Right Headlamp Swivel Control Failure  
B100D Left Headlamp Swivel Motor Circuit Short to Ground  
B100E Right Headlamp Swivel Motor Circuit Short to Ground  
B100F Headlight Level Adjuster Circuit Short To Ground  
B1010 Parking aid module switch not connected  
B1011 Rear wiper park sense stuck  
B1012 Rear wiper park sense failure  
B1013 Occupant classification system calibration  
B1014 Rain sensor internal fault  
B1015 Electronic instrument cluster unconfigured  
B1016 Jump start control module fault  
B1017 Airbag deployment disable for manufacturing  
B1018 HEV power check failure  
B1019 Headlamp leveling switch signal input circuit failure  
B101A Right headlamp leveling motor circuit failure  
B101B Right headlamp leveling motor short to ground  
B101C Left headlamp leveling motor circuit failure  
B101D Left headlamp leveling motor short to ground  
B101E Keyless vehicle security ID mismatch  
B101F Headlamp reverse signal invalid or not found  
B1020 Door motor driver circuit failure  
B1021 End button circuit short to battery  
B1022 End button circuit failure  
B1023 Talk button circuit short to battery  
B1024 Talk button circuit failure  
B1025 Send button circuit short to battery  
B1026 Send button circuit failure  
B1027 Air discharge temperature sensor (right) floor short to ground  
B1028 Air discharge temperature sensor (right) floor open circuit  
B1029 Air discharge temperature sensor (right) panel short to ground  
B1030 Air discharge temperature sensor (right) panel open circuit  
B1031 SDARS satellite antenna open  
B1032 SDARS satellite antenna short  
B1033 SDARS service deactivated  
B1034 Radio start signal circuit failure  
B1035 CD-read test read error

B1036 Front G sensor shorted  
B1038 Microphone input circuit failure  
B1039 Microphone input circuit short to battery  
B103A Thermoelectric driver overcurrent high  
B103B Thermoelectric driver overcurrent low  
B103C Thermoelectric driver open load  
B103D Blower driver overtemperature  
B103E Blower driver short to battery  
B103F Auxilliary jack input circuit failure  
B1040 LED array circuit short to battery  
B1041 Direction indicator power feed blown fuse  
B1042 Front crash sensor 2 internal fault  
B1043 Front crash sensor 2 driver communications fault  
B1044 Front crash sensor 2 short to ground/Vbalt  
B1045 Front crash sensor 2 cross link to antother sensor  
B1046 Air curtain cross link to another firing loop,driver side  
B1047 Side airbag cross link to another firing loop,front driver side  
B1048 Airbag cross link to another firing loop-loop no.1 ,front passenger side  
B1049 Passenger seatbelt pretensioner cross link to another firing loop  
B104A Front crash sensor 2 ID fault  
B104B Driver side crash sensor cross link to another sensor  
B104C Passenger side crash sensor cross link to another sensor  
B104D Front crash sensor cross link to another sensor  
B104E Driver side crash sensor circuit short to ground ro positive  
B104F Passenger side crash sensor internal fault  
B1050 Passenger side crash sensor circuit short to ground or positive  
B1051 Driver side crash sensor internal fault  
B1052 Passenger seatbekt buckle witch cross link to another sensor  
B1053 Driver seat buckle switch cross link to another sensor  
B1054 Driver seatbelt pretensioner cross link to another firing loop  
B1055 Side airbag cross link to another firing loop,front passenger side  
B1056 Airbag curain cross link to another firing loop,passenger side  
B1057 Airbag cross link to another firing loop-loop no.1,front driver side  
B1058 Airbag cross link to another firing loop-loop no.2 front driver side  
B1059 Airbag cross link to another firing loop-loop no.2,passenger side  
B105A Crash counter-reached maximum  
B105B Driver side crash sensor cross link to another sensor-row 2  
B105C Passenger side airbag curtain cross link to another firing loop-loop 2  
B105D Deployable steering column cross link to another firing loop  
B105E Driver side airbag curtain cross link to another firing loop-loop 2  
B105F Passenger side crash sensor cross link to another sensor-row 2  
B1060 TPMS telltale circuit short to ground  
B1061 TPMS telltale circuit short to battery/open  
B1062 Seat back TED short to ground  
B1063 Seat cushion TED short to ground  
B1064 Seat back TED circuit failure  
B1065 Seat cushion TED circuit failure  
B1066 Seat back blower short to battery  
B1067 Seat cushion blower short to battery  
B1068 Seat back blower valtage out of range  
B1069 Seat cushion blower voltage out of range  
B106A TMPS sensor pressure range bit incorrect state  
B106B Tire pressure sensor low battery  
B106C TMPS low frequency subsystem fault

B106D TMPS initiators not configured  
B106E Solid state driver disabled due to short circuit  
B1070 Seat MTM short to ground  
B1071 Interior trunk antenna circuit short to ground  
B1072 LED indicator -seat low cool short to battery  
B1073 Seat back temperature short to battery  
B1074 Seat cushion temperture short to battery  
B1075 LED indicator-seat high heat short to ground  
B1076 LED indicator -seat low heat short to ground  
B1077 LED indicator-seat high cool short to ground  
B1078 LED indicator -seat low heat short to ground  
B1079 LED indicator-seat low cool short to ground  
B107A Passenger seatbelt reminder mat cross link to another sensor  
B107B Passenger seatbelt reminder mat short to battery  
B107C Passenger seatbelt reminder mat short to ground  
B107D Obstacle detected while closing  
B107E Occupant classification sensor fault 1  
B107F Occupant classification sensor fault 2  
B1080 LED indicator-seat high heat short to battery  
B1081 LED indicator-seat low heat short to battery  
B1082 LED indicator-seat high cool short to battery  
B1083 Seat micro thermal module (mtm) short to battery  
B1084 Trunk lamp circuit failure  
B1085 Restraint system-safety belt load limiter status  
B1086 Exterior trunk (bumper) antenna circuit short to ground  
B1087 PR latch clutch switch active without PR unlock pull switch  
B1088 DR latch clutch switch active without DR unlock pull switch  
B1089 PF latch clutch switch active without PF unlock pull switch  
B108A Auxilliary 1 input circuit short to ground  
B108B Auxilliary 2 input circuit short to ground  
B108C Left door handle antenna not connected  
B108D Right door handle antenna not connected  
B1090 DF latch clutch switch active without DF unlock pull switch  
B1091 Passive key programming error  
B1092 Seria line to SSCD short to battery or ground  
B1093 SSCD ID mismatch  
B1094 SSCD ID not stored  
B1095 SSCD hardware error  
B1096 SSCD communication timeout  
B1097 Audio system tweeter circuit fault  
B1098 Mirror power fold output malfunction  
B1099 Mirror power fold output open circuit  
B109A Driver power mirror fold inward circuit short to battery  
B109B Driver power mirror fold inward circuit short to ground  
B109C Driver power mirror fold inward circuit open  
B109D Driver power mirror fold outward circuit short to battery  
B109E Driver power mirror fold outward circuit short to ground  
B109F Driver power mirror fold outward circuit open  
B10A0 Passenger power mirror fold outward circuit short to battery  
B10A1 Passenger power mirror fold outward circuit short to ground  
B10A2 Passenger power mirror fold outward circuit short to open  
B10A3 Passenger power mirror fold inward circuit short to battery  
B10A4 Passenger power mirror fold inward circuit short to ground  
B10A5 Passenger power mirror fold inward circuit open

B10A6 Driver seat belt lap pretensioner circuit open  
B10A7 Driver seat belt lap pretensioner circuit short to battery  
B10A8 Driver seat belt lap pretensioner circuit short to ground  
B10A9 Driver seat belt lap pretensioner circuit resistance low on squib  
B10AA Driver seat belt lap pretensioner circuit cross-link to another firing loop  
B10AB Rear view camera circuit failure  
B10AC Driver seat belt lap pretensioner circuit cross-link to sensor  
B1100 Mirror power fold output short to battery  
B1101 Mirror power fold output short to ground  
B1102 Mirror power fold switch input short to ground  
B1103 Interior trim lock switch  
B1104 Interior trim unlock switch  
B1105 Rear open/close switch active during self-test  
B1106 Heater core shut off valve control circuit failure  
B1107 Fire suppression control module sense circuit open  
B1108 Fire suppression control module sense circuit short to battery  
B1109 Fire suppression control module sense circuit short t ground  
B110A Mirror power unfold relay circuit short to battery  
B110B Mirror power unfold relay circuit short to ground  
B110C Driver side crash sensor 2 short to ground/VBATT  
B110D Passenger side crash sensor 2 short t ground/VBATT  
B110E Driver side crash sensor 2 id fault  
B110F Passenger side crash sensor 2 id fault  
B1110 Fire suppression control module sense circuit resistance low  
B1111 Driver thermal electric device control overtemperature fault  
B1112 Driver thermal electric device control shorted fault  
B1113 Passenger thermal electric device control overtemperature fault  
B1114 Passenger thermal electric device control shorted fault  
B1115 Rear parking aid signal circuit short t ground  
B1116 Rear parking aid signal circuit open  
B1117 Audio steering wheel button stuck  
B1118 Passenger front crash sensor mount communication fault  
B1119 Audio disc DVD player thermal shutdown  
B111A Passenger thermoelectric driver overcurrent high  
B111B Passenger thermoelectric driver overcurrent low  
B111C Passenger thermoelectric driver open load  
B111D Passenger thermoelectric driver overtemperature  
B111E Passenger blower driver short to battery  
B1120 Driver fan feedback circuit short to ground  
B1121 Dricer fan feedback circuit resistance low  
B1122 Passenger fan feedback circuit short to ground  
B1123 Passenger fan feedback circuit resistance low  
B1124 Ultrasound inhibit switch short to ground  
B1125 Illuminated power window switches power supply short to ground  
B1126 Steering column lock module internal failure  
B1127 Low frequency antenna 1 circuit failure  
B1128 Low frequency antenna 2 circuit failure  
B1129 Low frequency antenna 3 circuit failure  
B112A Low frequency antenna 4 circuit failure  
B112B Mirror power fold switch input short to battery  
B112C Electronic steering column lock power supply short to ground  
B112D Electronic steering column lock power supply short to battery  
B112E Electronic steering column lock ground supply short to battery  
B112F Electronic steering column lock switchable ground supply short to ground

B1130 Security indicator circuit open  
B1131 Liftgate/trunk low frequency antenna circuit failure  
B1132 Left front door low frequency antenna circuit failure  
B1133 Right front door low frequency antenna circuit failure  
B1134 Card key unregistered  
B1135 Passenger front crash sensor internal fault  
B1136 Audio steering wheel switch 2 circuit failure  
B1137 Data not programmed  
B1138 Memory full  
B1139 Invalid transmitter identification code  
B113A Rear audio switch stuck  
B113B Rear audio switch circuit short to ground  
B113C Rear audio switch circuit short to battery  
B113D Rear climate control switch stuck or short to ground  
B113E Rear climate control switch circuit short to ground  
B113F Rear climate control switch circuit short to battery  
B1140 Map disk invalid  
B1141 Convertible top full down position switch circuit failure  
B1142 Convertible top full up position switch circuit failure  
B1143 Excessive battery contractor close requests  
B1144 Driver side crash sensor no.2 internal  
B1145 Driver side crash sensor no.2 communication fault  
B1146 Passenger side crash sensor no.2 internal fault  
B1147 Passenger side crash sensor no.2 communication fault  
B1148 Radio frequency power output circuit short to ground  
B1149 Radio frequency enable output circuit short to battery  
B114A SCLM invalid serial data received  
B114B SCLM bus off  
B114C %%H(LIN) bus a signal invalid message failures  
B114D LIN bus signal bus off message failures  
B114E LIN bus A signal protection calculation incorrect message failure  
B1150 Radio frequency enable output circuit short to ground  
B1151 Radio frequency AM/FM signal key select output circuit short to ground  
B1152 Radio frequency AM/FM signal key select output circuit short to battery  
B1153 Police wigwag lighting input circuit short to ground  
B1154 Subwoofer no.1 short to ground  
B1155 Subwoofer no.1 short to battery  
B1156 Subwoofer no.2 short to ground  
B1157 Subwoofer no.2 short to battery  
B1158 Subwoofer no.2 open  
B1159 Sensor reference voltage circuit open  
B115A Control module bus signal protection calculation incorrect message failures  
B115B Control module bus signal erratic message failures  
B115C Control module output power circuit short to ground  
B115D Control module output power circuit short to battery  
B115E Video encoder bus signal erratic message failures  
B1160 Sensor reference voltage circuit high  
B1161 Sensor reference voltage circuit low  
B1162 Left power running board hall-effect sensor short to battery.  
B1163 Left power running board hall-effect sensor failure  
B1164 Left power running board hall-effect sensor short to ground  
B1165 Left power running board current sensing circuit failure  
B1166 Left power running board current sensing circuit short to ground  
B1167 Left power running board control relay short to battery



B1168 Left power running board control relay short to ground  
B1169 Left power running board control relay circuit failure  
B1170 Right power running board hall-effect sensor failure  
B1171 Right power running board hall-effect sensor short to battery  
B1172 Right power running board hall-effect sensor short to ground  
B1173 Right power running board current sensing circuit short to ground  
B1174 Right power running board current sensing circuit failure  
B1175 Right power running board control relay short to ground  
B1177 Right power running board control relay circuit failure  
B1178 Right power running board control relay short to battery  
B1179 Latch motor circuit short to battery  
B117A Latch motor circuit short to ground  
B117B Latch motor circuit open  
B117C Latch centering switch invalid  
B1180 Universal asynchronous receiver/transmitter (UART) communication failure  
B1181 Buffer overflow  
B1182 Consumer device authentication failed  
B1183 Power supply failure  
B1184 Consumer device not physically connected  
B1197 FOH fuel check valve switch stuck open  
B1198 FOH fuel check valve short to ground  
B1199 FOH fuel check valve open/short to battery  
B1201 Fuel sender circuit failure  
B1202 Fuel sender open circuit  
B1203 Fuel sender circuit failure  
B1204 Fuel sender short circuit to ground  
B1205 Electronic instrument cluster switch bank number 1 circuit failure  
B1206 Electronic instrument cluster switch bank number 1 circuit failure  
B1207 Electronic instrument cluster switch bank number 1 circuit failure  
B1208 Electronic instrument cluster switch bank number 1 circuit short to ground  
B1209 Electronic instrument cluster switch bank number 2 circuit failure  
B1210 Electronic instrument cluster switch bank number 2 circuit failure  
B1211 Electronic instrument cluster switch bank number 2 circuit failure  
B1212 Electronic instrument cluster switch bank number 2 circuit short to ground  
B1213 Anti-theft number of programmed keys is below minimum.  
B1214 Running board lamps circuit failure  
B1215 Running board lamps short to battery  
B1216 Emergency&road side assistance switch circuit short to ground  
B1217 Horn relay coil circuit failure  
B1218 Horn relay coil circuit short to battery  
B1219 Fuel tank pressure sensor circuit failure  
B1220 Fuel tank pressure sensor circuit shorted to battery  
B1221 Driver seat heater output fault  
B1222 Fuel temperature sensor #1 circuit failure  
B1223 Fuel temperature sensor #1 circuit open  
B1224 Fuel temperature sensor #1 circuit shorted to battery  
B1225 Fuel temperature sensor #1 circuit shorted to ground  
B1226 Fuel temperature sensor B circuit range/performance  
B1227 Fuel temperature sensor B circuit range/performance  
B1228 Fuel temperature sensor B circuit high input  
B1229 Fuel temperature sensor B circuit low input  
B1230 Driver safety belt retractor low or high resistance on squib  
B1231 Crash detected.  
B1232 Antenna not connected.

B1233 Glass break sensor failure  
B1234 Mirror switch invalid code  
B1235 Electric window motor position feedback failure  
B1236 Window feedback loss of signal  
B1237 Window feedback out of range  
B1238 Over temperature fault  
B1239 Air flow blend door driver circuit failure  
B123A Rear window over temperature  
B123B Rear window sensor feedback failure  
B123C Rear LED backlighting output circuit failure  
B1240 Washer rear pump relay circuit failure  
B1241 Washer rear pump relay short to battery  
B1242 Air flow recirculation door driver circuit failure  
B1243 Express window down switch circuit short to battery  
B1244 Rear windshield wiper relay circuit failure  
B1245 Rear windshield wiper relay circuit short to battery  
B1246 Panel dim potentiometer switch circuit failure  
B1247 Panel dim switch circuit open  
B1248 Passenger seat seatback autoglide rearward switch circuit open  
B1249 Blend door failure  
B1250 Air temperature internal sensor circuit failure  
B1251 In car temperature sensor open circuit  
B1252 Air temperature internal sensor circuit short to battery  
B1253 In car temperature sensor short circuit to ground  
B1254 Climate control air temperature external sensor circuit failure  
B1255 External air temperature sensor circuit open  
B1256 Air temperature external sensor circuit short to battery  
B1257 External air temperature sensor circuit short to ground  
B1258 Solar radiation sensor circuit failure  
B1259 Solar radiation sensor circuit open  
B1260 Sun load sensor short circuit to ground  
B1261 Sun load sensor short circuit to ground  
B1262 Defrost vent divert door driver circuit failure  
B1263 Panel/floor door circuit failure  
B1264 Floor vent divert door driver circuit failure  
B1265 Cold air bypass divert door driver circuit failure  
B1266 Servo motor air intake left circuit failure  
B1267 Servo motor air intake right circuit failure  
B1268 Servo motor potentiometer defrost circuit failure  
B1269 Servo motor potentiometer defrost circuit open  
B1270 Servo motor potentiometer defrost circuit short to battery  
B1271 Servo motor potentiometer defrost circuit short to ground  
B1272 Servo motor potentiometer defrost vent circuit failure  
B1273 Servo motor potentiometer defrost vent circuit open  
B1274 Servo motor potentiometer vent circuit short to battery  
B1275 Servo motor potentiometer vent circuit short to ground  
B1276 Servo motor potentiometer foot circuit failure  
B1277 Servo motor potentiometer foot circuit open  
B1278 Servo motor potentiometer foot circuit short to battery  
B1279 Servo motor potentiometer foot circuit short to ground  
B1280 Servo motor coolair bypass circuit failure  
B1281 Servo motor potentiometer cool air circuit open  
B1282 Servo motor potentiometer cool air circuit short to battery  
B1283 Servo motor potentiometer cool air circuit short to ground

B1284 Servo motor potentiometer air intake left circuit failure  
B1285 Servo motor potentiometer air intake left circuit open  
B1286 Servo motor potentiometer air intake left circuit short to battery  
B1287 Servo motor potentiometer air intake left circuit short to ground  
B1288 Servo motor potentiometer air intake right circuit failure  
B1289 Servo motor potentiometer air intake right circuit open  
B128A Limp home mode detected  
B1290 Servo motor potentiometer air intake right circuit short to battery  
B1291 Servo motor potentiometer air intake right circuit short to ground  
B1292 Battery power relay circuit failure  
B1293 Battery power relay circuit open  
B1294 Battery power relay circuit short to battery  
B1295 Battery power relau circuit short to ground  
B1296 Power supply sensor circuit failure  
B1297 Power supply sensor circuit open  
B1298 Interior scan power short to battery  
B1299 Interior scan power short to ground  
B129A Driver blend door actuator,driver circuit(s) open or shorted to ground  
B129B Driver blend door actuator,driver circuit(s) shorted to battery voltage  
B129C Driver blend door actuator,feedback circuit open or shorted to battery voltage  
B129D Driver blend door actuator,feedback circuit shorted to ground  
B129E Passenger blend door actuator,driver circuit(s) open or shorted to ground  
B129F Passenger blend door actuator,driver circuit (s)shorted to battery voltage  
B12A0 Passenger blend door actuator,feedback circuit open or shorted to battery voltage  
B12A1 Passenger blend door actuator,feedback circuit shorted to ground  
B12A2 Passenger blend door actuator,slow or door obstructed  
B12A3 Mode door actuator,driver circuit(s)open or shorted to ground  
B12A4 Mode door actuator,driver circuit(s)shorted to battery voltage  
B12A5 Mode door actuator,feedback circuit open or shorted to battery voltage  
B12A6 Mode door actuator,feedback circuit open or shorted to battery voltage  
B12A7 Mode door actuator,slow or door obstructed  
B12A8 Recirculation door actuator,driver circuit(s) open or shorted to ground  
B12A9 Recirculation door actuator,driver circuit(s)shorted to battery voltage  
B12AA Recirculation door actuator,slow or door obstructed  
B12AB Driver heated seat relay driver circuit shorted to battery voltage  
B12AC Driver heated seat relay driver circuit open or shorted to ground  
B12AD Passenger heated seat reay drive circuit shorted to battery voltage  
B12AE Passenger heated seat realay drive circuit open or shorted to ground  
B12AF Front blower motor relay driver circuit shorted to battery voltage  
B12B0 Front blower motor relay driver circuit shorted to battery voltage  
B12B1 Front blower motor PWM driver circuit shorted to battery voltage  
B12B2 Front blower motor PWM driver circuit shorted to battery ground  
B12B3 Blend door actuator,drive circuit(s) shorted to battery voltage  
B12B4 Blend door actuator,drive circuit(s) shorted to battery voltage  
B12B5 Blend door actuator,feedback circuit open or shorted to battery voltage  
B12B6 Blend door actuator,feedback circuit shorted to ground  
B12B7 Blend door actuator,slow or door obstructed  
B12B8 Driver blend door actuator,slow or door obstructed  
B12B9 Vref (5v)driver circuit shorted to battery voltage  
B12BA Vref (5v)driver circuit shorted to ground  
B12BB Humidity,driver circuit shorted to ground  
B12BC Humidity,driver circuit shorted to battery voltage  
B12BD Humidity,driver circuit open  
B12BE Heated backlight/mirror relay driver circuit shorted to battery voltage

B12BF Heated backlight/mirror relay driver circuit open or shorted to ground  
B1300 Power door lock circuit failure  
B1301 Power door lock relay coil circuit failure  
B1302 Accessory delay relay circuit failure  
B1303 Accessory delay relay coil circuit open  
B1304 Accessory delay relay coil circuit failure  
B1305 Accessory delay relay coil circuit short to ground  
B1306 Oil level switch circuit open  
B1307 Oil level switch circuit short to battery  
B1308 Oil pressure switch circuit short to ground  
B1309 Power door lock circuit failure  
B1310 Power door unlock circuit failure  
B1311 Power door unlock circuit failure  
B1312 Headlamp input circuit battery short  
B1313 Battery saver relay control circuit failure  
B1314 Battery saver relay coil open circuit  
B1315 Battery saver relay coil battery short  
B1316 Battery saver relay coil circuit short to ground  
B1317 Battery voltage too high  
B1318 Battery voltage low  
B1319 Drivers door ajar circuit failure  
B1320 Drivers door ajar circuit failure  
B1321 Drivers door ajar circuit failure  
B1322 Left front door ajar switch circuit short to ground  
B1323 Door ajar warning lamp circuit failure  
B1325 Door ajar lamp battery short  
B1326 Door ajar lamp circuit short to ground  
B1327 Passenger's door ajar circuit failure  
B1328 Passenger's door ajar circuit open  
B1329 Passenger's door ajar circuit failure  
B132A Passenger rear door ajar circuit short to ground  
B1330 Right front door ajar switch circuit short to ground  
B1331 Rear luggage compartment lid ajar circuit failure  
B1332 Rear luggage compartment lid ajar circuit failure  
B1333 Rear luggage compartment lid ajar circuit failure  
B1334 Rear luggage compartment lid ajar circuit failure  
B1335 Door ajar circuit failure (right rear)  
B1337 Rear door ajar circuit failure  
B1338 Door ajar right rear circuit short to ground  
B1339 Chime input request circuit short to battery  
B1340 Chime request input ground short  
B1341 Power door unlock circuit failure  
B1342 ECU internal fault  
B1343 Heated backlight input circuit failure  
B1344 Heated backlight input circuit open  
B1345 Heated rear windshield switch input shorted ground  
B1346 Heated backlight input circuit short to ground  
B1347 Rear window defrost input relay coil circuit failure  
B1349 Heated rear windshield relay short to battery  
B1350 Heated backlite relay short to ground  
B1351 Ignition key-in circuit short to battery  
B1352 Ignition key in circuit fault  
B1353 Ignition key in circuit fault  
B1354 Ignition run/accessory circuit failure

B1355 Ignition run circuit failure  
B1356 Ignition run circuit failure  
B1357 Ignition circuit short to battery  
B1358 Ignition run circuit short to ground  
B1359 Ignition run/accessory circuit failure  
B1360 Ignition switch circuit open  
B1361 Ignition run/accessory circuit failure  
B1362 Ignition run/accessory circuit short to ground  
B1363 Ignition start circuit failure  
B1364 Ignition start circuit failure  
B1365 Ignition start circuit battery short  
B1366 Ignition start circuit failure  
B1367 Ignition tachometer circuit failure  
B1368 Ignition tachometer circuit open  
B1369 Ignition tachometer circuit short to battery  
B1370 Ignition Tachometer Circuit Short to Ground  
B1371 Interior Courtesy Lamp Relay circuit failure  
B1372 Illuminated Entry Relay Circuit Open  
B1373 Illuminated Entry Relay coil battery short  
B1374 Illuminated Entry Relay coil short To Ground  
B1375 Oil Change Lamp Circuit Open  
B1376 Oil Change Lamp Circuit Short To Battery  
B1377 Oil Change Lamp Circuit Failure  
B1378 Oil Change Lamp Circuit Short To Ground  
B1379 Oil Change Reset Button Circuit Short To Ground  
B1380 Oil Change Reset Button Circuit Failure  
B1381 Oil Change Reset Button Circuit Open  
B1382 Oil Change Reset Button Circuit Short To Battery  
B1383 Oil Level Lamp battery short  
B1384 Oil Level Lamp battery failure  
B1385 Oil Level Lamp circuit failure  
B1386 Oil Level Lamp circuit failure  
B1387 Oil temperature sensor open circuit or short circuit to positive  
B1388 Oil temperature sensor open circuit or short circuit to positive  
B1389 Oil Temperature Sensor circuit failure  
B1390 Oil Temperature sensor short circuit to ground  
B1391 Oil level sensor circuit failure  
B1392 Sliding Door Memory Lock Relay circuit failure  
B1393 Power Door Memory Lock Relay Circuit Open  
B1394 Sliding Door Memory Lock Relay circuit shorted to battery  
B1395 Power Door Memory Lock Relay Circuit Short To Ground  
B1396 Power door lock circuit battery short  
B1397 Power door unlock circuit battery short  
B1398 Left Front Power Window Relay Circuit failure  
B1399 Driver Power Window One Touch Window Relay Circuit Open  
B139A Power Window Relay Circuit Failure  
B139B Left Front Window Reference Field Learning Failure  
B139C Right Front Window Reference Field Learning Failure  
B139D Right Rear Window Reference Field Learning Failure  
B139E Left Rear Window Reference Field Learning Failure  
B1400 Left Front Power Window Relay circuit shorted to battery  
B1401 Driver Power Window One Touch Window Relay Circuit Short To Ground  
B1402 Power window drivers front down circuit failure  
B1403 Power window drivers front up circuit failure

B1404 Left Front Power Window Switch Down circuit open  
B1405 Left Front Power Window Switch Down circuit shorted to battery  
B1406 Driver Power Window Down Circuit Short To Ground  
B1407 Power window drivers front up circuit failure  
B1408 Left Front Power Window Switch Up circuit shorted to battery  
B1409 Driver Power Window Up Circuit Short To Ground  
B140A Driver Power Window Down Switch Circuit Failure - Rear Nodes  
B140B Local Power Window Up Switch Circuit Failure - Rear Nodes  
B140C Central Lock Short to Ground - Rear Nodes  
B1410 Left Front Power Window Motor circuit failure  
B1411 Driver Power Window Motor Circuit Open  
B1412 Driver Power Window Motor Circuit Short To Battery  
B1413 Driver Power Window Motor Circuit Short To Ground  
B1414 Power Window Left Rear Motor Circuit Failure  
B1415 Power Window Left Rear Motor Circuit Open  
B1416 Power Window Left Rear Motor Circuit short to battery  
B1417 Power Window Left Rear Motor Circuit short to Ground  
B1418 Passenger Power Window Motor Circuit Failure  
B1419 Passenger Power Window Motor Circuit Open  
B141A Driver Power Window Motor Stalled  
B141B Passenger Power Window Motor Stalled  
B141C Right Rear Power Window Motor Stalled  
B141D Left Rear Power Window Motor Stalled  
B1420 Power window passenger motor circuit short to battery  
B1421 Passenger Power window Motor circuit short to Ground  
B1422 Power Window Right Rear Motor Circuit Failure  
B1423 Power Window Right Rear Motor Circuit Open  
B1424 Power window right rear motor circuit short to battery  
B1425 Power Window Right Rear Motor Circuit Short To Ground  
B1428 Safety belt lamp circuit failure  
B1429 Lamp Safety Belt Circuit Short To Ground  
B142A Driver Power Window Motor Without Power  
B142B Passenger Power Window Motor Without Power  
B142C Right Rear Power Window Motor Without Power  
B142D Left Rear Power Window Motor Without Power  
B1430 Safety belt switch circuit fault  
B1431 Wiper Brake/Run Relay circuit failure  
B1432 Wiper Brake/Run Relay circuit shorted to battery  
B1433 Wiper Brake/Run Relay circuit shorted to ground  
B1434 Wiper speed relay coil circuit failure  
B1435 Wiper Hi/Low Speed Relay Coil Circuit Open  
B1436 Wiper speed relay coil circuit failure  
B1437 Wiper Hi/Low Speed Relay Coil Circuit Short To Ground  
B1438 Wiper select switch circuit failure  
B1439 Wiper select switch circuit failed open  
B1441 Wiper select switch ground switch  
B1442 Door handle switch circuit failure  
B1443 Door Handle Switch Circuit Open  
B1444 Door Handle Switch Circuit Short To Battery  
B1445 Door handle switch circuit failure  
B1446 Windshield Wiper Park to Park time Incorrect  
B1447 Wiper park Sense Circuit Open  
B1448 Windshield Wiper Park to Park time Incorrect  
B1449 Wiper Park Sense Circuit Short To Ground

B1450 Wiper select switch circuit failure  
B1451 Wiper Wash/Delay Switch Circuit Open  
B1452 Wiper Wash/Delay Switch Circuit Short To Battery  
B1453 Wiper select switch ground switch  
B1454 Washer Fluid Lamp circuit failure  
B1455 Wiper Washer Fluid Lamp Circuit Open  
B1456 Washer Fluid Lamp battery short  
B1457 Wiper Washer Fluid Lamp Circuit Short To Ground  
B1458 Wiper washer pump motor relay coil circuit failure  
B1459 Wiper Washer Pump Motor Relay Coil Circuit Open  
B1460 Wiper washer pump motor relay coil circuit battery short  
B1461 Wiper Washer Pump Motor Relay Coil Circuit Short To Ground  
B1462 Driver's Safety Belt Switch circuit failure  
B1463 Seatbelt Switch Circuit Open  
B1464 Safety belt switch circuit failure  
B1465 Wiper Brake/Run Relay circuit open  
B1466 Wiper Speed did not changer during self-Test  
B1467 Wiper High/Low Speed Motor circuit shorted to battery  
B1468 Chime request input circuit failure  
B1469 Chime Input Request Circuit Open  
B1470 Headlamp input circuit failure  
B1471 Lamp Headlamp Input Circuit Open  
B1472 Lamp Headlamp Input Circuit Short To Ground  
B1473 Wiper low speed motor circuit failure  
B1474 Battery saver relay coil battery short  
B1475 Accessory delay relay coil battery short  
B1476 Wiper high speed motor circuit failure  
B1477 Wiper Hi/Low Circuit Motor Short To Ground  
B1478 Left Front Power Window Switch Up/Down activated simultaneously  
B1479 Wiper Wahser Fluid Level Sensor Circuit Failure.  
B1480 Wiper Wahser Fluid Level Sensor Circuit Open  
B1481 Wiper Wahser Fluid Level Sensor Circuit Short To Battery  
B1482 Wiper Wahser Fluid Level Sensor Circuit Failure.  
B1483 Brake On/Off Switch circuit failure  
B1484 Brake pedal input open circuit  
B1485 Brake pedal input circuit short to battery  
B1486 Brake Pedal Input Circuit Ground Short  
B1487 Door Handle Right Front Circuit Failure  
B1488 Door Handle Right Front Circuit Open  
B1489 Door Handle Right Front Short To Battery  
B1490 Right Front Door Handle Switch circuit short to ground  
B1491 Ignition Switch Cylinder Sensor circuit failure  
B1492 Ignition Switch Cylinder Sensor Open Circuit  
B1493 Ignition Cylinder Sensor Battery Short  
B1494 Ignition Cylinder Sensor Ground Short  
B1495 Decklid Punch-Out Sensor Circuit Failure  
B1496 Decklid Punch-Out Sensor Open Circuit  
B1497 Decklid Punch-Out Sensor Battery Short  
B1498 Rear Luggage Comparment Lid Punch-Out Sensor circuit short to ground  
B1499 Lamp Turn Signal Left Circuit Failure  
B1500 Lamp Turn Signal Left Circuit Open  
B1501 Left hand turn signal short circuit to Supply.  
B1502 Lamp turn signal left circuit short to ground  
B1503 Lamp Turn Signal Right Circuit Failure.

B1504 Lamp Turn Signal Right Circuit Open  
B1505 Right hand turn signal short circuit to Supply.  
B1506 Lamp Turn Signal Right Circuit Short To Ground  
B1507 Flash To Pass Switch Circuit Failure  
B1508 Flash To Pass Switch Circuit Open  
B1509 Flash-To- Pass Switch Circuit short to battery  
B1510 Flash To Pass Switch Circuit Short To Ground  
B1511 Driver Door Handle Circuit Failure  
B1512 Driver Door Handle Circuit Open  
B1513 Driver Door Handle Circuit Short To Battery  
B1514 Left Front Door Handle Switch circuit short to ground  
B1515 Driver's Seat Occupied Switch circuit failure  
B1516 Seat Driver Occupied Switch Circuit Open  
B1517 Seat Driver Occupied Switch Circuit Short To Battery  
B1518 Seat Driver Occupied Switch Circuit Short To Ground  
B1519 Hood Switch Circuit Failure  
B1520 Hood Switch Circuit Failure  
B1521 Hood Switch Circuit Short To Battery  
B1522 Hood switch circuit failure  
B1523 Keyless Entry Circuit Failure  
B1524 Keyless Entry Circuit Open  
B1525 Keyless Entry Switch circuit short to battery  
B1526 Keyless Entry Switch (any) is held active  
B1527 Memory Set Switch Circuit Failure  
B1528 Memory Set Switch Circuit Open  
B1529 Memory Off Switch circuit short to battery  
B1530 Memory Set Switch Circuit Short To Ground  
B1531 Memory 1 Switch Circuit Failure  
B1532 Memory 1 Switch Circuit Open  
B1533 Memory 1 Switch circuit short to battery  
B1534 Memory 1 Switch Circuit Short To Ground  
B1535 Memory 2 Switch Circuit Failure  
B1536 Memory 2 Switch Circuit Open  
B1537 Memory 2 Switch circuit short to battery  
B1538 Memory 2 Switch Circuit Short To Ground  
B1539 Driver Mirror Control Switch circuit failure  
B1540 Mirror Driver Switch Assembly Circuit Open  
B1541 Power Mirror Switch circuit short to battey  
B1542 Mirror Driver Swith Assembly Circuit Short To Ground  
B1543 Seat Direction Switch Assembly Circuit Failure  
B1544 Seat Direction Switch Assembly Circuit Open  
B1545 Power Seat Control Switch circuit short to battery  
B1546 Seat Direction Switch Assembly Circuit Short To Ground  
B1547 Power Window Master Circuit Failure  
B1548 Power Window Master Circuit Open  
B1549 Master Window Control Switch circuit short to battery  
B1550 Power Window Master Short to Ground  
B1551 Luggage Compartment lid Release Circuit Failure  
B1552 Decklid Release Circuit Open  
B1553 Luggage Compartment lid Release Circuit short to battery  
B1554 Liftgate release short circuit to ground  
B1555 Ignition Run/Start circuit failure  
B1556 Ignition Run/Start Circuit Open  
B1557 Ignition Run/Start circuit failure



B1558 Ignition Run/Start circuit Short to Ground  
B1559 Door Lock Cylinder Circuit Failure  
B1560 Door Lock Cylinder Circuit Open  
B1561 Door Lock Cylinder Circuit Short To Battery  
B1562 Door Lock Cylinder Circuit Short to ground  
B1563 Door Ajar Switch Circuit Failure  
B1564 Door Ajar Switch Circuit Failure  
B1565 Door Ajar Circuit Short To Battery  
B1566 Door Ajar Circuit Short To Ground  
B1567 High-Beam Circuit Failure  
B1568 Lamp Headlamp High-Beam Circuit Open  
B1569 High Beam Headlamp Switch circuit short to battery  
B1570 Lamp Headlamp High-Beam Circuit Short To Ground  
B1571 Left Rear Door Ajar Circuit Failure  
B1573 Rear door ajar circuit failure  
B1574 Door ajar Left Rear Circuit Short To Ground  
B1575 Parking Lamp Switch Circuit Failure  
B1576 Lamp Park Input Circuit Open  
B1577 Parking Lamp Switch Circuit Failure  
B1578 Lamp Park Input Circuit Short To Ground  
B1579 Dim Panel Increase Input Circuit Failure  
B1580 Dim Panel Increase Input Circuit Open  
B1581 Dim Panel Increase Input Circuit Failure  
B1582 Panel Dim Increase circuit short to ground  
B1583 Dim Panel Increase Input Circuit Failure  
B1584 Dim Panel Decrease Input Circuit Open  
B1585 Dim Panel Decrease Input Circuit Failure  
B1586 Panel Dim Decrease circuit short to ground  
B1587 Autolamp Delay Increase Circuit Failure  
B1588 Autolamp Delay Increase Circuit Open  
B1589 Autolamp Delay Increase Circuit Short To Battery  
B1590 Autolamp Delay Increase circuit short to ground  
B1591 Autolamp Delay Decrease Circuit Failure  
B1592 Autolamp Delay Decrease Circuit Open  
B1593 Autolamp Delay Decrease Circuit Short To Battery  
B1594 Autolamp Delay Decrease circuit short to ground  
B1595 Ignition Switch Illegal Input Code  
B1596 Service Continuous Memory DTCs  
B1597 Driver's Seat Seatback Autoglide Forward Switch circuit shorted to ground  
B1598 Driver's Seat Seatback Autoglide Rearward Switch circuit shorted to ground  
B1599 Passenger Seat Seatback Autoglide Forward Switch circuit shorted to ground  
B159A Ignition Switch Compare Failure  
B1600 PATS ignition key transponder signal is not received.  
B1601 PATS received incorrect key-code from ignition transponder.  
B1602 At some time since last clear a PATS key used has not been read satisfactorily.  
B1603 Lamp Anti-Theft Indicator Circuit Failure  
B1604 Lamp Anti-Theft Indicator Circuit Open  
B1605 Lamp Anti-Theft Indicator Circuit Short To Battery  
B1606 Lamp Anti-Theft Indicator Circuit Short To Ground  
B1607 Illuminated Entry Input circuit failure  
B1608 Illuminated Entry Input Open Circuit  
B1609 Illuminated Entry Input Short Circuit To Battery  
B160A Configurable Engine Immobilizer Setting Mismatch  
B160B PATS Power Supply Short to Ground

B160C PATS Power Supply Short to Battery  
B1610 Illuminated Entry Input circuit short to ground  
B1611 Rear wiper select switch circuit failure  
B1612 Wiper Rear Mode Select Switch Circuit Open  
B1613 Rear Windshield wiper switch circuit short to battery  
B1614 Rear wiper mode select switch circuit short to ground  
B1615 Wiper Rear Disable Switch Circuit Failure  
B1616 Wiper Rear Disable Switch Circuit Open  
B1617 Wiper Rear Disable Switch Circuit Short To Battery  
B1618 Wiper Rear Disable Switch Circuit Short To Ground  
B1619 Rear Wiper low limit input circuit failure  
B1620 Wiper Rear Low Limit Input Circuit Open  
B1621 Wiper Rear Low Limit Input Circuit Short To Battery  
B1622 Wiper Rear Low Limit Input Circuit Short To Ground  
B1623 Lamp Keypad Output Circuit Failure  
B1624 Lamp Keypad Output Open Circuit  
B1625 Lamp Keypad Output Short Circuit To Battery  
B1626 Lamp Keypad Output Short Circuit To Ground  
B1627 PRNDL Reverse Input Circuit Failure  
B1628 PRNDL Reverse Input Open Circuit  
B1629 PRNDL Reverse Switch Input short to battery  
B1630 PRNDL Reverse Input Short Circuit To Ground  
B1631 Mirror Driver Left Circuit Failure  
B1632 Mirror Driver Left Circuit Open  
B1633 Mirror Driver Left Circuit Short To Battery  
B1634 Mirror Driver Left Circuit Short To Ground  
B1635 Mirror Driver Right Circuit Failure  
B1636 Mirror Driver Right Circuit Open  
B1637 Mirror Driver Right Circuit Short To Battery  
B1638 Mirror Driver Right Circuit Short To Ground  
B1639 Mirror Passenger Left Circuit Failure  
B1640 Mirror Passenger Left Circuit Open  
B1641 Mirror Passenger Left Circuit Short To Battery  
B1642 Mirror Passenger Left Circuit Short To Ground  
B1643 Mirror Passenger Right Circuit Failure  
B1644 Mirror Passenger Right Circuit Open  
B1645 Mirror Passenger Right Circuit Short To Battery  
B1646 Mirror Passenger Right Circuit Short To Ground  
B1647 Seat Driver Recline Forward Circuit Failure  
B1648 Seat Driver Recline Forward Circuit Open  
B1649 Seat Driver Recline Forward Circuit Short To Battery  
B164A Stork SET/RESET Switch Stuck or Short to Ground  
B1650 Seat Driver Recline Forward Circuit Short To Ground  
B1651 Seat Driver Recline Backward Circuit Failure  
B1652 Seat Driver Recline Backward Circuit Open  
B1653 Seat Driver Recline Backward Circuit Short To Battery  
B1654 Seat Driver Recline Backward Circuit Short To Ground  
B1655 Seat Driver Rear Up Circuit Failure  
B1656 Seat Driver Rear Up Circuit Open  
B1657 Seat Driver Rear Up Circuit Short To Battery  
B1658 Seat Driver Rear Up Circuit Short To Ground  
B1659 Seat Driver Front Up Circuit Failure  
B1660 Seat Driver Front Up Circuit Open  
B1661 Seat Driver Front Up Circuit Short To Battery

B1662 Seat Driver Front Up Circuit Short To Ground  
B1663 Driver's Seat Front Height Motor circuit failure  
B1664 Driver's Seat Rear Height Motor circuit failure  
B1665 Driver's Seat Forward/Rearward Motor circuit failure  
B1666 Driver's Seat Recliner Motor circuit failure  
B1667 Driver's Side Mirror Vertical Control Motor circuit failure  
B1668 Driver's Side Mirror Horizontal Control Motor circuit failure  
B1669 Passenger's Side Mirror Vertical Control Motor circuit failure  
B166A Heated Mirror Circuit Open  
B166B Heated Mirror Short To Ground  
B1670 Passenger's Side Mirror Horizontal Control Motor circuit failure  
B1671 Battery Voltage out of range  
B1672 Seat Driver Occupied Input Circuit Failure  
B1673 Seat Driver Occupied Input Circuit Open  
B1674 Seat Driver Occupied Input Circuit Short To Battery  
B1675 Seat Driver Occupied Input Circuit Short To Ground  
B1676 Battery Voltage out of range  
B1677 Alarm Panic Input Circuit Failure  
B1678 Alarm Panic Input Circuit Open  
B1679 Alarm Panic Input Circuit Failure  
B1680 Alarm Panic Input Circuit Short To Ground  
B1681 PATS transceiver module signal is not received.  
B1682 PATS Is Disabled - Check Link Between PATS Module and Transponder  
B1683 Mirror Driver/Passenger Switch Circuit Failure  
B1684 Mirror Driver/Passenger Switch Circuit Open  
B1685 Dome Lamp Input Circuit Failure  
B1686 Dome done Input Circuit Open  
B1687 Dome Lamp Input Circuit Failure  
B1688 Dome done Input Circuit Short To Ground  
B1689 Autolamp Delay Circuit Failure  
B1690 Autolamp Delay Circuit Open  
B1691 Autolamp Delay Circuit Failure  
B1692 Autolamp Delay Circuit Short To Ground  
B1693 Autolamp On circuit failure  
B1694 Autolamp On circuit Open  
B1695 Autolamp On circuit Short To Battery  
B1696 Autolamp On circuit Short To Ground  
B1697 Master Mirror Control Switch circuit short to Battery  
B1698 Mirror Driver/Passenger Switch Circuit Short To Ground  
B1699 Passenger Seat Occupied Switch Circuit Short To Ground  
B1700 Passenger Seatbelt Tension Reducer Circuit Short To Ground  
B1701 Seat Driver Recline Forward Switch Circuit Failure  
B1702 Seat Driver Recline Forward Switch Circuit Open  
B1703 Seat Driver Recline Forward Switch Circuit Short To Battery  
B1704 Seat Driver Recline Forward Switch Circuit Short To Ground  
B1705 Seat Driver Recline Rearward Switch Circuit Failure  
B1706 Seat Driver Recline Rearward Switch Circuit Open  
B1707 Seat Driver Recline Rearward Switch Circuit Short To Battery  
B1708 Seat Driver Recline Rearward Switch Circuit Short To Ground  
B1709 Seat Driver Front Up Switch Circuit Failure  
B1710 Seat Driver Front Up Switch Circuit Open  
B1711 Seat Driver Front Up Switch Circuit Short To Battery  
B1712 Seat Driver Front Up Switch Circuit Short To Ground  
B1713 Seat Driver Front Down Switch Circuit Failure

B1714 Seat Driver Front Down Switch Circuit Open  
B1715 Seat Driver Front Down Switch Circuit Short To Battery  
B1716 Seat Driver Front Down Switch Circuit Short To Ground  
B1717 Seat Driver Forward Switch Circuit Failure  
B1718 Seat Driver Forward Switch Circuit Open  
B1719 Seat Driver Forward Switch Circuit Short To Battery  
B1720 Seat Driver Forward Switch Circuit Short To Ground  
B1721 Seat Driver Rearward Switch Circuit Failure  
B1722 Seat Driver Rearward Switch Circuit Open  
B1723 Seat Driver Rearward Switch Circuit Short To Battery  
B1724 Seat Driver Rearward Switch Circuit Short To Ground  
B1725 Seat Driver Rear Up Switch Circuit Failure  
B1726 Seat Driver Rear Up Switch Circuit Open  
B1727 Seat Driver Rear Up Switch Circuit Short To Battery  
B1728 Seat Driver Rear Up Switch Circuit Short To Ground  
B1729 Seat Driver Rear Down Switch Circuit Failure  
B1730 Seat Driver Rear Down Switch Circuit Open  
B1731 Seat Driver Rear Down Switch Circuit Short To Battery  
B1732 Seat Driver Rear Down Switch Circuit Short To Ground  
B1733 Mirror Driver Vertical Switch Circuit Failure  
B1734 Mirror Driver Vertical Switch Circuit Open  
B1735 Driver's Side Mirror Vertical Control Switch circuit short to battery  
B1736 Mirror Driver Vertical Switch circuit short to Ground  
B1737 Mirror Driver Horizontal Switch circuit Failure  
B1738 Mirror Driver Horizontal Switch circuit Open  
B1739 Driver's Side Mirror Horizontal Control Switch circuit short to battery  
B1740 Mirror Driver Horizontal Switch Circuit Short To Ground  
B1741 Mirror Passenger Vertical Switch Circuit Failure  
B1742 Mirror Passenger Vertical Switch Circuit Open  
B1743 Passenger's Side Mirror Vertical Control Switch circuit short to battery  
B1744 Mirror Passenger Vertical Switch Circuit Short To Ground  
B1745 Mirror Passenger Horizontal Switch Circuit Failure  
B1746 Mirror Passenger Horizontal Switch Circuit Open  
B1747 Passenger's Side Mirror Horizontal Control Switch circuit short to battery  
B1748 Mirror Passenger Horizontal Switch Circuit Short To Ground  
B1749 Park/Neutral Switch circuit failure  
B1750 Park/Neutral Switch Circuit Open  
B1751 Park/Neutral Switch Circuit Short To Battery  
B1752 Park Switch circuit short to ground  
B1753 Hazard Flash Ouput Circuit Failure  
B1754 Hazard Flash Ouput Circuit Open  
B1755 Hazard Flash Ouput Circuit Short to Battery  
B1756 Hazard Flash Ouput Circuit Short to Ground  
B1757 Seat Driver Rear Up/Down Circuit Failure  
B1758 Seat Driver Rear Down Circuit Open  
B1759 Seat Driver Rear Down Circuit Short To Battery  
B1760 Seat Driver Rear Down Circuit Short To Ground  
B1761 Seat Driver Front Up/Down Circuit Failure  
B1762 Seat Driver Front Down Circuit Open  
B1763 Seat Driver Front Down Circuit Short To Battery  
B1764 Seat Driver Front Down Circuit Short To Ground  
B1765 Seat Driver Forward Circuit Failure  
B1766 Seat Driver Forward Circuit Open  
B1767 Seat Driver Forward Circuit Short To Battery

B1768 Seat Driver Forward Circuit Short To Ground  
B1769 Seat Driver Backward Circuit Failure  
B1770 Seat Driver Backward Circuit Open  
B1771 Seat Driver Backward Circuit Short To Battery  
B1772 Seat Driver Backward Circuit Short To Ground  
B1773 Mirror Driver Up Circuit Failure  
B1774 Mirror Driver Up Circuit Open  
B1775 Mirror Driver Up Circuit Short To Battery  
B1776 Mirror Driver Up Circuit Short To Ground  
B1777 Driver Safety Belt Tension Reducer Circuit Short To Ground  
B1778 Mirror Driver Down Circuit Failure  
B1779 Mirror Driver Down Circuit Open  
B1780 Mirror Driver Down Circuit Short To Battery  
B1781 Mirror Driver Down Short To Ground  
B1782 Mirror Passenger Up Circuit Failure  
B1783 Mirror Passenger Up Circuit Open  
B1784 Mirror Passenger Up Circuit Short To Battery  
B1785 Mirror Passenger Up Circuit Short To Ground  
B1786 Mirror Passenger Down Circuit Failure  
B1787 Mirror Passenger Down Circuit Open  
B1788 Mirror Passenger Down Circuit Short To Battery  
B1789 Mirror Passenger Down Circuit Short To Ground  
B1790 Autolamp Sensor Input Circuit Failure  
B1791 Autolamp Sensor Input Circuit Open  
B1792 Autolamp Sensor Input Circuit Failure  
B1793 Autolamp Sensor Input Circuit Short To Ground  
B1794 Open Power Circuit or Shorted Power Circuit  
B1795 Low Beam Headlamp circuit open  
B1796 Headlamp Low Beam circuit shorted to battery  
B1797 Lamp Headlamp Low-Beam Circuit Short To Ground  
B1798 Lamp Turn Signal Front Output Circuit Failure  
B1799 Front Turn Signal Lamp circuit open  
B1800 Lamp turn signal front output circuit short to battery  
B1801 Lamp turn signal front output circuit short to ground  
B1802 Lamp turn signal rear output circuit failure  
B1803 Rear turn/stop signal lamp circuit open  
B1804 Lamp turn signal rear output circuit short to battery  
B1805 Lamp turn signal rear output circuit short to ground  
B1806 Left tail lamp output circuit failure  
B1807 Tail lamp circuit open  
B1808 Left tail lamp output circuit short to battery  
B1809 Lamp tail output circuit short to ground  
B1810 Lamp backup switch input circuit failure  
B1811 Lamp backup switch input circuit open  
B1812 Lamp backup switch input circuit short to battery  
B1813 Integrated air bag diagnostic moduler power distribution circuit failure  
B1814 Rear wiper motor down relay circuit failure  
B1815 Wiper rear motor down relay coil circuit open  
B1816 Rear wiper motor down relay circuit short to battery  
B1817 Wiper rear motor down relay coil circuit short to ground  
B1818 Rear wiper motor up circuit failure  
B1819 Wiper rear motor up relay coil circuit open  
B1820 Rear wiper motor up relay circuit short to battery  
B1821 Wiper rear motor up relay coil circuit short to ground

B1822 Rear wiper park sense input circuit failure  
B1823 Wiper rear park sense input circuit open  
B1824 Wiper rear park sense input circuit short to battery  
B1825 Rear wiper park sense input circuit short to ground  
B1826 Rear wiper high limit input circuit failure  
B1827 Wiper rear high limit input circuit open  
B1828 Wiper rear high limit input circuit short to battery  
B1829 Rear wiper high limit input circuit short to ground  
B1830 A fault has been detected with the lock switch/unlock switch circuit  
B1831 Door unlock disarm switch circuit open  
B1832 Door unlock disarm switch circuit short to battery  
B1833 Door unlock disarm switch short to ground  
B1834 All doors unlock/disarm output circuit failure  
B1835 Door unlock disarm output circuit open  
B1836 Door unlock disarm switch short to battery  
B1837 Door unlock disarm switch short to ground  
B1838 Battery saver power relay circuit failure  
B1839 Wiper rear motor circuit failure  
B1840 Wiper front power circuit failure  
B1841 Wiper front power circuit open  
B1842 Wiper front power circuit short to battery  
B1843 Wiper front power circuit short to ground  
B1844 Phone handset circuit failure  
B1845 Ignition tamper circuit failure  
B1846 Ignition tamper circuit open  
B1847 Ignition tamper circuit short to battery  
B1848 Ignition tamper circuit short to ground  
B1849 Climate control temperature differential circuit failure  
B1850 Climate control temperature differential circuit open  
B1851 Climate control temperature differential circuit short to battery  
B1852 Climate control temperature differential circuit short to ground  
B1853 Climate control air temperature internal sensor motor circuit failure  
B1854 Climate control air temperature internal sensor motor circuit open  
B1855 Climate control air temperature internal sensor motor circuit short to battery  
B1856 Climate control air temperature internal sensor motor circuit short to ground  
B1857 Climate control on/off switch circuit failure  
B1858 Climate control A/C pressure switch circuit failure  
B1859 Climate control A/C pressure switch circuit open  
B1860 Climate control A/C pressure switch circuit short to battery  
B1861 Climate control A/C pressure switch circuit short to ground  
B1862 Climate control A/C lock sensor failure  
B1863 Ground ECU circuit open  
B1864 Battery power supply PCM circuit failure  
B1865 Battery power supply ECU circuit open  
B1866 Battery power supply PCM circuit short to battery  
B1867 Battery power supply PCM circuit short to ground  
B1868 Lamp air bag warning indicator circuit failure  
B1869 Lamp air bag warning indicator circuit failure  
B1870 Lamp air bag warning indicator circuit short to battery  
B1871 Passenger air bag disable module fault  
B1872 Turn signal/hazard power feed circuit failure  
B1873 Turn signal/hazard power feed circuit failure  
B1874 Cellular phone handset not present  
B1875 Turn signal/hazard switch signal circuit failure

B1876 Seatbelt driver pre-tensioner circuit fault.  
B1877 Safetybelt driver retractor circuit failure  
B1878 Driver safety belt retractor short to battery  
B1879 Driver safety belt retractor short to ground  
B187A Motor pretensioner module left motor failure  
B187B Motor pretensioner module right motor failure  
B187C Pre-crash safety system switch circuit short to ground  
B187D Adaptive cruise control distance switch circuit short to ground  
B1880 Seatbelt passenger pre-tensioner circuit fault.  
B1881 Safetybelt passenger retractor circuit failure  
B1882 Passenger safety belt retractor short to battery  
B1883 Passenger safety belt retractor short to ground  
B1884 Passenger air bag disable warning lamp circuit failure  
B1885 Safetybelt driver retractor circuit failure  
B1886 Safetybelt passenger retractor circuit failure  
B1887 Driver airbag short to ground  
B1888 Passenger airbag short to ground  
B1889 Module sensor obstruction  
B1890 Passenger air bag disable warning lamp circuit short to battery  
B1891 Air bag tone warning indicator circuit shorted to battery  
B1892 Air bag tone warning indicator circuit failure  
B1893 GPS antenna circuit failure  
B1894 Wiper rear motor speed sense circuit failure  
B1895 Door ajar lamp circuit failure  
B1896 Door ajar lamp battery short  
B1897 Horn switch circuit failure  
B1898 Chime input no.2 circuit short to ground  
B1899 Microphone input signal circuit open  
B1900 Driver side airbag fault  
B1901 Air bag crash sensor #1 feed/return circuit shorted to ground  
B1902 Air bag crash sensor #1 ground circuit failure  
B1903 Air bag crash sensor no.1 ground circuit short to battery  
B1904 Air bag crash sensor #2 feed/return circuit failure  
B1905 Air bag crash sensor no.2 ground circuit short to battery  
B1906 Air bag crash sensor no.2 ground circuit short to ground  
B1907 Air bag crash sensor #2 ground circuit failure  
B1908 Air bag crash sensor no.2 ground circuit short to battery  
B1909 Air bag crash sensor no.2 ground circuit short to ground  
B190A Driver side rollover protection bar resistance too low  
B190B Driver side rollover protection bar open circuit  
B190C Driver side rollover protection bar short to ground  
B190D Driver side rollover protection bar cross link to another firing loop  
B190E Passenger side rollover protection bar resistance too low  
B190F Passenger side rollover protection bar open circuit  
B1910 Air bag diagnostic monitor ground circuit failure  
B1911 Air bag diagnostic monitor ground circuit short to battery  
B1912 Air bag diagnostic monitor ground circuit short to ground  
B1913 Air bag driver/passenger circuit short to ground  
B1914 Air bag crash sensor #1 or crash sensor #2 circuit short to ground  
B1915 Driver airbag circuit capacitance out of range  
B1916 Air bag circuit short to battery-loop #1, front driver side  
B1917 Air bag memory clear circuit failure  
B1918 Air bag memory clear circuit open  
B1919 Air bag memory clear circuit short to battery

B191A Passenger side rollover protection bar short to ground  
B191B Passenger side rollover protection bar cross link to another firing loop  
B191C Driver side rollover protection bar short to battery  
B191D Passenger side rollover protection bar short to battery  
B1920 Air bag passenger circuit failure  
B1921 Air bag diagnostic monitor ground circuit open  
B1922 Air bag safing sensor output(internal to the module )circuit short to battery  
B1923 Air bag memory clear circuit short to ground  
B1924 Air bag system disambiguation unsuccessful  
B1925 Air bag circuit short to battery-loop #1,front passenger side  
B1926 Air bag passenger pressure switch circuit failure  
B1927 Passenger side airbag fault  
B1928 Air bag safing sensor output circuit failure  
B1929 Air bag safing sensor output circuit open  
B1930 Air bag safing sensor output circuit short to ground  
B1931 Air bag crash sensor #1 feed/return circuit failure  
B1932 Air bag circuit open-loop#1,front driver side  
B1933 Air bag circuit open-loop#1,front passenger side  
B1934 Air bag inflator circuit resist,low on squib-loop#1.front driver side  
B1935 Air bag inflator circuit resist,low on squib-loop#1.front passenger side  
B1937 Air bag passenger pressure switch circuit open  
B1939 Air bag passenger pressure switch circuit short to ground  
B1940 Seat memory position out of range  
B1941 Air bag crash sensor #1 feed/return circuit failure  
B1942 Air bag crash sensor #2 feed/return circuit failure  
B1943 Air bag crash sensor no.1 ground circuit short to ground  
B1944 Air bag crash sensor #1 ground circuit failure  
B1945 Air bag crash sensor #2 ground circuit failure  
B1946 Climate control A/C post evaporator sensor circuit failure  
B1947 Climate control A/C post evaporator sensor circuit short to ground  
B1948 Climate control water temperature sensor circuit failure  
B1949 Climate control water temperature sensor circuit shorted to ground  
B1950 Driver's seat rear height position sensor circuit failure  
B1951 Seat rear up/down potentiometer feedback circuit open  
B1952 Driver's seat rear height position sensor circuit short to battery  
B1953 Driver's seat rear height position sensor circuit short to ground  
B1954 Driver's seat front height position sensor circuit failure  
B1955 Seat front up/down potentiometer feedback circuit open  
B1956 Driver's seat front height position sensor circuit short to battery  
B1957 Driver's seat front height position sensor circuit short to ground  
B1958 Driver's seat front recliner position sensor circuit failure  
B1959 Seat recline forward/backward potentiometer feedback circuit open  
B1960 Driver's seat recliner position sensor circuit short to battery  
B1961 Driver's seat recliner position sensor circuit short to ground  
B1962 Driver's seat horizontal position sensor circuit failure  
B1963 Seat horizontal forward/rearward potentiometer feedback circuit open  
B1964 Driver's seat horizontal position sensor circuit short to battery  
B1965 Driver's seat horizontal position sensor circuit short to ground  
B1966 A/C post heater sensor circuit failure  
B1967 A/C post heater sensor circuit short to ground  
B1968 A/C water pump detection circuit failure  
B1969 A/C clutch circuit malfunction  
B1970 Passenger seatback forward switch circuit short ground  
B1971 Passenger seatback rearward switch circuit short ground



B1972 Passenger seat rear,up switch circuit shorted to battery  
B1973 Passenger seat rear,down switch circuit shorted to battery  
B1974 Passenger seat recline,forward switch circuit shorted to battery  
B1975 Passenger seat recline,backward switch circuit shorted to battery  
B1976 Passenger seat ,forward switch circuit shorted to battery  
B1977 Passenger seat front,up switch circuit shorted to battery  
B1978 Passenger seat front,down switch circuit shorted to battery  
B1979 Passenger seat ,rearward switch circuit shorted to battery  
B1980 Bulb failure  
B1981 Memory Off Switch circuit short to battery  
B1982 PATS Is Disabled - Check Link Between PATS Module and Transponder  
B1983 Left front door unlock relay control circuit shorted to battery  
B1984 Seat switch lumbar inflate circuit failure  
B1985 Seat switch lumbar deflate circuit failure  
B1986 Driver seat seatback autoglide rearward switch circuit failure  
B1987 Pedal forward/rearward motor stalled  
B1988 Pedal position forward switch circuit short to battery  
B1989 Pedal position rearward switch circuit short to battery  
B1990 Pedal forward/rearward potentiometer feedback circuit failure  
B1991 Pedal forward/rearward potentiometer feedback circuit short to battery  
B1992 Side air bag circuit short to battery,front driver side  
B1993 Side air bag circuit short to ground,front driver side  
B1994 Side air bag circuit open,front driver side  
B1995 Side air bag circuit res,low on squib front driver side  
B1996 Side air bag circuit short to battery,front passenger  
B1997 Side air bag circuit short to ground,front passenger side  
B1998 Side air bag circuit open,front passenger side  
B1999 Side air bag circuit res,low on squib front passenger side  
B19A1 Passenger seat cushion blower speed short to battery  
B19A2 Passenger seat back blower speed short to battery  
B19A3 Driver seat cushion blower speed short to battery  
B19A4 Driver seat back blower speed short to battery  
B19A5 Passenger seat cushion blower speed short to ground  
B19A6 Passenger seat back blower speed short to ground  
B19A7 Driver seat cushion blower speed short to ground  
B19A8 Driver seat back blower speed short to ground  
B19A9 Rear window motor output circuit failure  
B19AA Front window motor output circuit failure  
B19AB Low frequency 1 output open circuit  
B19AC Low frequency 2 output open circuit  
B19AD Low frequency 1 output short to ground  
B19AE Low frequency 2 output short to ground  
B2000 Pedal position forward switch circuit short to ground  
B2001 Pedal position rearward switch circuit short to ground  
B2002 ECU body and assembly testing incomplete  
B2003 Incorrect vehicle security IVIN  
B2004 Internal media over temperature fault  
B2005 Climate control temperature switch out of range  
B2006 Blower motor switch out of range  
B2007 Driver solar radiation sensor out of range  
B2008 Wipers on signal circuit short to ground  
B2009 Security status mismatch  
B200A VSM inclination failure  
B200B VSM ultrasonic failure

B200C VSM module failure  
B2010 Servo Motor Panel Door Circuit Failure  
B2011 Panel Door Actuator Motor Out of Range  
B2012 Driver Air Intake Actuator Motor Out of Range  
B2013 Passenger Air Intake Actuator Motor Out of Range  
B2014 Climate Cpntrl A/C Post Evaporator Sensor Open Circuit  
B2015 Power Sliding Door Latch Switch Short to Ground  
B2016 Power Sliding Door Latch Switch Open Circuit  
B2017 Daytime Running Lamp Left Output Circuit Failure  
B2018 Daytime Running Lamp Right Output Circuit Failure  
B2019 Liftgate Exceeded Time Allowed to Cinch Door  
B201A Power System Disable Due to High Manual Closing Speed  
B201B Right Power Sliding Door Close Clutch Connection Error  
B201C Left Power Sliding Door Close Clutch Connection Error  
B201D Side Latch Defective  
B2020 Courtesy Lamp Output Circuit Short to Ground  
B2021 Dome Lamp Output Return Circuit Failure  
B2022 Rear Courtesy Lamp Output Circuit Failure  
B2023 Rear Courtesy Lamp Output Circuit Short to Ground  
B2024 Rear Courtesy Lamp Output Return Circuit Failure  
B2025 Demand Lamps Circuit Failure  
B2026 Incandescent Backlighting Output Circuit Failure  
B2027 LED Backlighting Output Circuit Failure  
B2028 Power Liftgate Open/Close Output Circuit Failure  
B2029 Power Liftgate Open/Close Output Circuit Short to Battery  
B202A Right Power Sliding Door Position Error  
B202B Left Power Sliding Door Position Error  
B202C Left Power Sliding Door Obstructed  
B202D Right Power Sliding Door Obstructed  
B202E Right Power Sliding Door Open Clutch Connection Error  
B202F Left Power Sliding Door Open Clutch Connection Error  
B2030 Front Fog Lamp Relay Circuit Failure  
B2031 Left Corner Lamp Output Circuit Failure  
B2032 Right Corner Lamp Output Circuit Failure  
B2033 Left Auxiliary Park Lamp Output Circuit Failure  
B2034 Right Auxiliary Park Lamp Output Circuit Failure  
B2035 LF Side Repeater Lamp Output Circuit Failure  
B2036 LF Side Repeater Lamp Output Circuit Short to Ground  
B2037 RF Side Repeater Lamp Output Circuit Failure  
B2038 RF Side Repeater Lamp Output Circuit Short to Ground  
B2039 License Lamp Circuit Short to Ground  
B2040 Mirror Lamp Output Circuit Failure  
B2041 Mirror Lamp Output Circuit Short to Ground  
B2042 Left Mirror Turn Signal Output Circuit Failure  
B2043 Right Mirror Turn Signal Output Circuit Failure  
B2044 Left Rear Stop Lamp Circuit Short to Ground  
B2045 Left Rear Stop Lamp Circuit Open  
B2046 Right Rear Stop Lamp Circuit Short to Ground  
B2047 Right Rear Stop Lamp Circuit Open  
B2048 Left Rear Turn Lamp Circuit Short to Ground  
B2049 Left Rear Turn Lamp Circuit Open  
B2050 Right Rear Turn Lamp Circuit Short to Ground  
B2051 Right Rear Turn Lamp Circuit Open  
B2052 Accessory Delay Relay Output Failure

B2053 Accessory Delay Relay 2 Output Failure  
B2054 Accessory Delay Relay 2 Short to Battery  
B2055 Left Power Sliding Door Open/Close Output Circuit Failure  
B2056 Right Power Sliding Door Open/Close Output Circuit Failure  
B2057 Left Power Sliding Door Open/Close Switch Circuit Short to Ground  
B2058 Right Power Sliding Door Open/Close Switch Circuit Short to Ground  
B2059 A/C Request Indicator Short to Ground  
B2060 Heated Backlight Indicator Circuit Failure  
B2061 Heated Backlight Indicator Circuit Shorted To Ground  
B2062 Driver Window Data Output Circuit Failure  
B2063 Passenger Window Data Output Circuit Failure  
B2064 Power Pedals Disable Relay Circuit Failure  
B2065 Power Pedals Disable Relay Circuit Short to Ground  
B2066 Park Enabled Status Output Circuit Failure  
B2067 Park Enabled Status Output Circuit Short to Ground  
B2068 Convertible Top Up Output Circuit Failure  
B2069 Convertible Top Down Output Circuit Failure  
B2070 Trailer Tow Relay Coil(s) Circuit Failure  
B2071 Hazard Switch Signal Short to Ground  
B2072 Seat Memory Module Data Line Short to Battery  
B2073 Seat Memory Module Data Line Open or Short to Ground  
B2074 Seat Memory Module Enable Line Short to Battery  
B2075 Seat Memory Module Enable Line Open or Short to Ground  
B2076 Cellular Antenna Connection Open  
B2077 Liftgate Ajar Switch Circuit Failure  
B2078 Driver Airbag Deactivation Indicator Lamp Inactive  
B2079 Driver Airbag Deactivation Indicator Short to Battery  
B207A Mini Liftgate Release Switch Circuit Failure  
B207B Mini Liftgate Release Output Circuit Failure  
B207C Mini Liftgate Ajar Switch Circuit Failure  
B2080 Driver Airbag Deactivation Indicator Short to Ground  
B2081 Driver Airbag Deactivation Indicator Open Circuit  
B2082 Mirror Vertical Output Fault  
B2083 Mirror Horizontal Output Fault  
B2084 Memory Set Indicator Short to Ground  
B2085 Rear Window Lockout Indicator Short to Ground  
B2086 Rear Window Lockout Indicator Short to Battery  
B2087 Security Line Short to Ground  
B2088 Cellular Antenna Short to Ground  
B2089 Puddle/Approach Lamp Fault  
B208A Memory Set Indicator Short to Battery  
B2090 Remote Key Entry Data Line Failure  
B2091 Remote Key Communication Failure  
B2092 Remote Key Low Battery  
B2093 Heated Windshield Circuit Short to Ground  
B2094 Heated Windshield Circuit Short to Battery  
B2095 Front Reset Switch Circuit Failure  
B2096 Front Set Switch Circuit Failure  
B2097 Compass Module Failure  
B2098 Audio Network Initialization ASYSON Circuit Fault  
B2099 Right Front Speaker Fault  
B209A Left Front Speaker Fault  
B209B Right Rear Speaker Fault  
B209C Left Rear Speaker Fault

B209D Left Front Tweeter Fault  
B209E Right Front Tweeter Fault  
B209F Left Rear Tweeter Fault  
B2100 Door Driver Key Cylinder Switch Failure.  
B2101 Head Rest Switch Circuit Failure  
B2102 GPS antenna circuit failure  
B2103 PATS transceiver circuit fault.  
B2104 Door Passenger Key Cylinder Switch Failure.  
B2105 TP sensor circuit low input  
B2106 TP sensor high input  
B2108 Luggage Compartment key Cylinder Switch Failure  
B210A Right Rear Tweeter Fault  
B2112 Door Driver Set Switch Stuck Failure  
B2116 Door Driver Reset Switch Stuck Failure  
B2117 Side Airbag Capacitance out of Range(Drivers)  
B2118 Side Airbag Capacitance out of Range(Passengers)  
B2119 Compressor Failure  
B211A Front Wiper Motor Relay Circuit Short to Ground  
B211B Satellite ECU Is Defective  
B2120 Door Passenger Set Switch Stuck Failure  
B2121 Illumination switch Short to Battery  
B2122 Driver Side Satellite Communication Circuit Short to Ground  
B2123 Passenger Side Satellite Communication Circuit Short to Ground  
B2124 Passenger door reset switch circuit short to ground  
B2125 Double lock RESET open circuit  
B2126 DLR short to battery  
B2127 This fault may be caused by a short to ground in the double lock set or double lock reset circuit.  
B2128 Central lock Motor Failure  
B2129 Central Lock Feedback Failure  
B2130 Double Lock Timeout Failure  
B2131 Double Lock Feedback Failure  
B2132 Dimmer Switch Circuit Failure  
B2133 Brake Motor Warning Lamp Circuit Failure  
B2134 Brake Motor Warning Lamp Circuit Failure  
B2135 Parking Brake Applied Warning Lamp Circuit Failure  
B2136 Parking Brake Applied Warning Lamp Circuit Failure  
B2137 Rear Evaporator Temperature Sensor Out of Range  
B2138 Coolant Overlamp  
B2139 The PCM identification was not recognized by the PATS module.  
B213A Digital Dimmer Switch Input Circuit Failure  
B2140 Initialization Failure  
B2141 There is no PCM identification known to the PATS module  
B2142 NVM TIC Failure  
B2143 NVM Failure  
B2144 NVM Alarm Data Failure  
B2145 NVM RF HR Failure  
B2146 Seat Recline Motor Position Out of Range  
B2147 Driver Seat Switch Fault  
B2148 PWM Input Circuit Failure  
B2149 Seat Front Vertical Motor Position Out of Range.  
B2150 Central Security Module Power Supply #1 Circuit Short to Ground  
B2151 Central Security Module Power Supply #2 Circuit Short to Ground  
B2152 Seat Rear Vertical Motor Position Out of Range.

B2153 Rear Echo Sensor Circuit Failure  
B2154 Front Echo Sensor Circuit Failure  
B2155 Seat Horizontal Motor Position Out of Range  
B2156 Rear Doppler Sensor Circuit Failure  
B2157 Front Doppler Sensor Circuit Failure  
B2158 Seat Recline Motor Memory Position Out of Range.  
B2159 Remote Personalization Output Circuit Short to Ground  
B2160 Remote Personalization Output Circuit Short to Battery  
B2161 Seat Front Verticle Motor Memory Position Out of Range.  
B2162 Data Mismatch #2 (receive data does not match was expected)  
B2163 Electric clutch system malfunction  
B2164 Seat Rear Vertical Motor Memory Position Out of Range  
B2165 Gear shift position sensor circuit  
B2166 Gear select position  
B2167 Seat Horizontal Motor Memory Position Out of Range  
B2171 LH Rear Seat Switch Fault  
B2172 Intertia Switch Input Circuit Open  
B2173 RH Rear Seat Swtich Fault  
B2174 Window Driver Rear Remote Up Switch Short to Battery  
B2175 A/C Request Signal Short Circuit to Ground  
B2176 Overdrive Switch Circuit Short to Battery  
B2177 Interior Scan Sense Circuit Failure  
B2178 Window Driver Rear Remote Down Switch Short to Battery  
B2179 Front Wiper Select Switch 'A' Short to Ground  
B217A Steering Column Lock Unable to Lock  
B217B SCLM Not Programmed  
B217C Steering Column Lock Micro Switch Sensor Fault  
B2180 Front Wiper Select Switch 'B' Short to Ground  
B2181 Front Wiper Select Switch 'C' Short to Ground  
B2182 Window Passenger Front Remote Up Switch Short To Battery  
B2183 Front Wiper Select Switch 'H' Short to Ground  
B2184 Front Wiper Select Switch 'W' Short to Ground  
B2185 Front Wiper Select Switch 'D' Short to Ground  
B2186 Window Passenger Front Remote Down Switch Short To Battery  
B2187 Rear Wiper Select Switch B Short To Ground  
B2188 Rear Wiper Select Switch 'E' Short to Ground  
B2189 Open circuit on drivers door or passenger rear door DLS circuit  
B2190 Window Passenger Rear Remote Up Switch Short to Battery  
B2191 DLS 1 short circuit to ground  
B2192 DLS 1 short circuit to battery  
B2193 Open circuit on Front passenger door or drivers rear door DLS circuit  
B2194 Window Passenger Rear Remote Down Switch Short to Battery  
B2195 Driver Window Up/Down Power Circuit Short To Ground  
B2196 Passenger Window Up/Down Power Circuit Short To Ground  
B2197 TV Module Error  
B2198 Traffic Master Module Error  
B2199 VICS Module Error  
B219A Deflation Detection System Initialization Fault  
B219B Deflation Detection System Checksum Failure  
B2200 No Communication To TV Module (No Fitting of TV)  
B2201 No Communication With Traffic Master Module  
B2202 No Communication To VICS Module (No Fitting of VICS)  
B2203 CD-ROM Error.  
B2204 GPS Antenna connection open or short circuit

B2205 GPS receiver error  
B2206 Gyroscope error  
B2207 ECU ROM Checksum Error  
B2208 Communication Link To Display and Switch Module Error  
B2209 Interior Lamp Override Switch Open Circuit  
B2210 Interior Lamp Override Switch Short To Ground  
B2211 Low Coolant Lamp Output Circuit Short To Battery  
B2212 Panel Dim Switch Out of Range  
B2213 DLS 2 short circuit to ground  
B2214 Window Passenger Front Up Switch Short to Battery  
B2215 Window Passenger Front Down Switch Short to Battery  
B2216 DLS 2 short circuit to Battery  
B2217 Central Lock Open Circuit Failure  
B2218 Lock short circuit to ground  
B2219 Window Driver Front Current Feedback Exceeded  
B2220 Window Driver Rear Current Feedback Exceeded  
B2221 Window Passenger Front Current Feedback Exceeded  
B2222 Window Passenger Rear Current Feedback Exceeded  
B2223 Mirror Driver Drive Circuit Failure  
B2224 Mirror Passenger Drive Circuit Failure  
B2225 Front Crash Sensor Mount Fault  
B2236 Weak or Defected Electric Vehicle Battery Module Fault  
B2237 Vehicle Signal Indicating Park While VSS Present  
B2238 Power Cable for Power Sliding Door Broken  
B2239 Rear Cargo door set switch short to ground  
B2240 Rear Cargo door reset switch short to ground  
B2241 Rear Cargo door lock circuit short to ground  
B2242 Rear Cargo door unlock switch circuit open  
B2243 Driver rear door ajar circuit open  
B2244 Sliding door ajar circuit failure  
B2245 Passenger rear door ajar circuit open  
B2246 Sliding door ajar circuit failure  
B2247 EV Battery Pack Temperature Fault  
B2248 Heated Windshield relay coil circuit failure  
B2249 Headlamp Relay Coil Short to Battery  
B224A Sliding Door Ajar Circuit Short to Ground  
B2250 All Doors Unlock Relay Circuit Failure  
B2251 Parking Lamp Output Relay Driver Circuit Failure  
B2252 Parking Lamp Output Relay Driver Short To Battery  
B2253 Lock circuit short to battery  
B2254 Front Fog Lamp Switch Failure  
B2255 Front Washer Request Timeout  
B2256 Heated Windshield heater relay circuit open or short to ground  
B2257 Front Window Heater Switch Short to Ground  
B2258 Headlamp Washer Relay Circuit Short To Battery  
B2260 Door Motor Circuit Short To Battery  
B2261 Parking Lamp Switch Failure  
B2262 Wiper Park To Park Timeout  
B2263 Audio unit input circuit short circuit to battery  
B2264 Rear Fog Lamp Switch Short to Ground  
B2265 Unlock short circuit to ground  
B2267 Right Side Blend Door Circuit Failure  
B2268 Steering Wheel Climate Control Circuit Open  
B2269 Steering Wheel Climate Control Circuit Short to Ground

B226A Autolamp Switch Input Short to Ground  
 B2270 Exceeded Time Allowed to Cinch Power Sliding Door  
 B2271 Power Sliding Door Did Not reach Full Open Position During Self-Test  
 B2272 Microphone Bias Circuit Failure  
 B2273 Run-Dry Output Feedback Circuit Fault  
 B2274 Phone Transceiver Active Circuit Failure  
 B2275 Pedal forward/rearward potentiometer feedback circuit short to Ground  
 B2276 Less Than Two Transmitters Programmed  
 B2277 electronic power steering motor malfunction  
 B2278 steering shaft torque sensor malfunction  
 B2279 Engine RUN signal short to battery  
 B227A Engine RUN/FFH On Relay Short to Ground  
 B227B Steering Shaft Position Sensor Malfunction  
 B2280 Crash Unlock Signal Not Present  
 B2281 Right turn switch short to ground  
 B2282 Left turn switch short to ground  
 B2283 Turn indicator chime circuit short to battery  
 B2284 Turn indicator chime circuit short to ground  
 B2285 SIM Card Failure  
 B2286 Mode Switch stuck closed  
 B2287 Inclination Sensor Circuit Failure  
 B2288 Voice Module Error  
 B2289 Voice Module Communication Error  
 B228A Voice Recognition Baseplate Detection  
 B2290 Occupant Classification System Fault,Front Passenger side(Note:This DTC may have additional)  
 B2291 Occupant Position System Fault,Front Passenger side(Note:This DTC may have additional)  
 B2292 Restraint System - Seatbelt Pretensioner Fault(Note:This DTC may have additional)  
 B2293 Restraint System - Airbag Fault (Note:This DTC may have additional diagnostic information available(Fault PIDS).Refer to DataLogger ,Systems,Restraint Systems to view these Fault PIDs.)  
 B2294 Restraint System - Curtain Fault (Note:This DTC may have additional diagnostic information available(Fault PIDS).Refer to DataLogger ,Systems,Restraint Systems to view these Fault PIDs.)  
 B2295 Restraint System - Side Airbag Fault (Note:This DTC may have additional diagnostic information available(Fault PIDS).Refer to DataLogger ,Systems,Restraint Systems to view these Fault PIDs.)  
 B2296 Restraint System - Impact Sensor Fault (Note:This DTC may have additional diagnostic information available(Fault PIDS).Refer to DataLogger ,Systems,Restraint Systems to view these Fault PIDs.)  
 B2299 Air Discharge Temperature Sensor (Floor) Circuit Open  
 B229A Occupant Classification Sensor Contamination  
 B229B Occupant Classification System Obstruction  
 B2300 Seat Driver Memory Position Error  
 B2301 Seat Passenger Memory Position Error  
 B2302 Seat Headrest Feedback Potentiometer Circuit Failure  
 B2303 Seat Headrest Feedback Potentiometer Circuit Open  
 B2304 Seat Headrest Feedback Potentiometer Circuit Short To Battery  
 B2305 Seat Headrest Feedback Potentiometer Circuit Short To Ground  
 B2306 Seat Headrest Motor Stalled  
 B2307 Air Discharge Temperature Sensor (Floor) Short To Ground  
 B2309 Seat Motor Out of Range  
 B2310 Mirror Driver Memory Position Error  
 B2311 Mirror Passenger Memory Position Error  
 B2312 Passenger Mirror Horizontal Position Sensor circuit failure

B2313 Mirror Passenger Horizontal Feedback Potentiometer Circuit Open  
B2314 Mirror Passenger Horizontal Feedback Potentiometer Circuit Short To Battery  
B2315 Passenger Mirror Horizontal Pot Feedback Circuit Failure  
B2316 Passenger Mirror Vertical Position Sensor circuit failure  
B2317 Mirror Passenger Vertical Feedback Potentiometer Circuit Open  
B2318 Mirror Passenger Vertical Feedback Potentiometer Circuit Short To Battery  
B2319 Passenger Mirror Vertical Pot Feedback Circuit Failure  
B2320 Driver Mirror Horizontal Position Sensor circuit failure  
B2321 Mirror Driver Horizontal Feedback Potentiometer Circuit Open  
B2322 Mirror Driver Horizontal Feedback Potentiometer Circuit Short To Battery  
B2323 Driver Mirror Horizontal Pot Feedback Circuit Failure  
B2324 Driver Mirror Vertical Position Sensor circuit failure  
B2325 Driver Mirror Vertical Feedback Potentiometer Circuit Open  
B2326 Driver Mirror Vertical Feedback Potentiometer Circuit Short To Battery  
B2327 Driver Mirror Vertical Pot Feedback Circuit Failure  
B2328 Steering Column Reach Feedback Potentiometer circuit failure  
B2329 Column Reach Feedback Potentiometer Circuit Open  
B232A Driver Restraints Pressure Sensor Communication Fault (non SCP)  
B232B Driver Restraints Pressure Sensor ID Fault  
B232C Driver Restraints Pressure Sensor Internal Fault  
B232D Driver Restraints Pressure Sensor Circuit Short to GND/Vbatt  
B232E Driver Restraints Pressure Sensor Cross-link to Another Sensor  
B232F Driver/Passenger Restraints Pressure Sensor Absolute Pressure Failure  
B2330 Column Reach Feedback Potentiometer Circuit Short To Battery  
B2331 Column Reach Feedback Potentiometer Circuit Short To Ground  
B2332 Steering Column Tilt Feedback Potentiometer circuit failure  
B2333 Column Tilt Feedback Potentiometer Circuit Open  
B2334 Column Tilt Feedback Potentiometer Circuit Short To Battery  
B2335 Column Tilt Feedback Potentiometer Circuit Short To Ground  
B2336 Mirror Switch Assembly Circuit Failure  
B2337 Mirror Switch Assembly Circuit Open  
B2338 Driver Mirror Switch Assembly Short to Battery  
B2339 Driver Mirror Switch Assembly Short to Ground  
B233A Passenger Restraints Pressure Sensor Communication Fault(non SCP)  
B233B Passenger Restraints Pressure Sensor ID Fault  
B233C Passenger Restraints Pressure Sensor Internal Fault  
B233D Passenger Restraints Pressure Sensor Circuit Short to GND/Vbatt  
B233E Passenger Restraints Pressure Sensor Cross-link to Another Sensor  
B2340 Column Reach Motor Stalled.  
B2341 Column Tilt Motor Stalled.  
B2342 Seat Switch Reference Voltage Positive Common Open Circuit  
B2343 Seat Switch Reference Voltage Positive Common Supply Low Voltage  
B2344 Seat Switch Reference Voltage Positive Common Supply Voltage Fault  
B2345 Seat Switch Reference Voltage Negative Common Open Circuit  
B2346 Mirror Switch Reference Voltage Positive Common Open Circuit  
B2347 Mirror Switch Reference Voltage Positive Common Supply Low Voltage  
B2348 Mirror Switch Reference Voltage Positive Common Supply Voltage Fault  
B2349 Mirror Switch Reference Voltage Nrgative Common Open Circuit  
B2350 Steering Column Switch Circuit Short To Battery  
B2351 Steering Column Switch Siganl circuit failure  
B2352 Driver Memory Power Switch Indicator Circuit Short To Battery  
B2353 Driver Mirror Power Driver Circuit Short Ground  
B2354 Driver Mirror Horizontal / Vertical Feedback Potentiometer Circuit Open  
B2355 Passenger Mirror Horizontal / Vertical Feedback Potentiometer Circuit Open



B2356 Driver Seat Heater Output Fault  
B2357 Driver Window Down Current Sense (Low) Circuit Failure  
B2358 Adjustable Pedal Switch Failure  
B2359 Accessory Delay Output circuit Failure  
B2360 Window Motor Control Output Circuit Failure  
B2361 Passenger Seat Heater Output Fault  
B2362 Remote Open/Closed Signal Circuit Short to Ground  
B2363 Optical Sensor System Failure  
B2364 Fuel Filler Door Open Circuit  
B2365 B-Pillar Power Sliding Door Open/Close Switch Circuit Short to ground  
B2366 Instrument Panel Power Sliding Door Open/Close Switch Circuit Short to Ground  
B2367 Power Sliding Door Overside Switch Circuit Failure  
B2368 Steering Column Switch Circuit Out of Range  
B2369 Chime request short to ground  
B236A Chime Output Circuit Open  
B2370 Seat Heater Power Shutdown  
B2371 Invalid Driver Seat Temperature Set Point  
B2372 Invalid Passenger Seat Temperature Set Point  
B2373 Memory LED Circuit Failure  
B2374 Power Sliding Door Detent (Latch) Circuit Failure  
B2375 SCLM Invalid Unlock Action  
B2376 SCLM Lock status not confirmed.  
B2377 SCLM UnLock status not confirmed.  
B2378 SCLM Invalid Lock Action  
B2379 SCL Not Configured - ID Not Stored  
B2380 Heater Coolant Temp.sensor circuit Short to GND  
B2381 Heater Coolant Temp.sensor circuit Open  
B2382 Backup Light Relay Circuit - Open  
B2383 Backup Light Relay Circuit - Low  
B2384 Audio Reverse Aid Mute Input CKt Failure  
B2385 Audio Navigation Mute Input CKt Failure  
B2386 GDL ignition failed  
B2387 GDL ignitor module circuit failure  
B2388 GDL operating voltage out of range.  
B2389 Lamp ignition counter exceeded.  
B2391 Supply voltage too low  
B2392 Supply voltage too high  
B2393 HCM to ignitor circuit failure  
B2394 Headrest Up Switch Timeout  
B2395 Headrest Down Switch Timeout  
B2396 Headrest Ident-Input Circuit Failure  
B2397 Headrest Potentiometer Reference Circuit Failure  
B2398 Headrest Potentiometer Reference Circuit Short To Ground  
B2399 Headrest Potentiometer Ground Circuit Failure  
B2400 Headrest Potentiometer Ground Circuit Short To Battery  
B2401 Audio Tape Mechanism Fault  
B2402 Audio CD/DJ Thermal Shutdown Fault  
B2403 Audio CD/DJ Internal Fault  
B2404 Audio Steering Wheel Switch Circuit Failure  
B2405 Audio Single-disc CD Player Thermal Shutdown Fault  
B2406 Audio Single-disc CD Player Internal Fault  
B2407 Backup Light Relay Circuit - High  
B2408 Speaker line short circuit.  
B2409 AM receiving signal error.

B240A Radio Alarm Input Circuit Failure  
B240B CDP unit is not responding  
B2410 FM receiving signal error.  
B2411 Humidity Sensor Open  
B2412 Humidity Sensor Short  
B2413 Humidity Sensor Failure  
B2414 Headlamp Washer Relay Circuit Short Circuit Ground  
B2415 Pinch Strip Open or Short to Battery  
B2416 Climate Control Recirculation Actuator Out of Calibration Limits  
B2417 Pinch Strip Stuck Active  
B2418 Sensor Power Short to Ground  
B2419 Sensor 1 Invalid  
B241A Pinch Strip Power Short to Ground  
B2420 Sensor 2 Invalid  
B2421 Vehicle Speed Sensor Circuit Failure  
B2422 OPENSW Input Stuck Active  
B2423 CLOSESW Input Stuck Active  
B2424 Latch Switches Mismatch  
B2425 Remote Keyless Entry fault  
B2426 Passenger Salor Radiation Sensor Circuit Open  
B2427 Passenger Salor Radiation Sensor Circuit Short To Ground  
B2428 A/C Post Heater Sensor #2 Circuit Failure  
B2429 A/C Post Heater Sensor #2 Circuit Short to Ground  
B2430 Left or Right Latch Release Circuit Failure  
B2431 At some time since the last 'clear DTCs' routine,while attempting to learn a key,the PATs module code was not leared  
B2432 Drivers Seat Buckle Switch Circuit OPEN  
B2434 Drivers Seat Buckle Switch Circuit Short to Ground  
B2435 Drivers Seat Buckle Switch Circuit Resistance Out of Range  
B2436 Passenger Seat Buckle Switch Circuit OPEN  
B2438 Passenger Seat Buckle Switch Circuit Short to Ground  
B2439 Passenger Seat Buckle Switch Circuit Resistance Out of Range  
B2440 Passenger Side,Side Crash Sensor Mount Fault  
B2441 Side Crash Sensor Driver Mounting Failure  
B2442 Instrusion Sensor Fault  
B2443 PowerTrain Performance Mode Switch Circuit Failure  
B2444 Side Crash Sensor Internal Fault,Front Driver Side  
B2445 Side Crash Sensor Internal Fault,Front Passenger Side  
B2446 RESCU/VEMS Input Circuit Open  
B2447 RESCU/VEMS Input Circuit Short To Battery  
B2448 RESCU/VEMS Input Circuit Short To Ground  
B2472 Shorted Relay or Short Circuit to Ground  
B2473 Passenger Door Disarm Switch Circuit Short to Ground  
B2474 Passengers and rear door lock line short circuit to ground  
B2475 Passengers door unlock line short circuit to ground.  
B2476 Radio Present Switch Circuit Failure  
B2477 Module Configuration Failure  
B2478 Anti-Theft Input Signal Stuck Failure  
B2479 Brake Park Switch Circuit Short to Ground  
B247A Right Power Door Unlock Circuit Failure  
B247B Right Power Door lock Circuit Failure  
B247C Left Power Door Unlock Circuit Failure  
B247D Left Power Door lock Circuit Failure  
B2480 Left Corner Lamp Output Circuit Short to Battery.

B2481 Convertible Top Up/Down Switch Fault  
B2482 Right Corner Lamp Output Circuit Short to Battery  
B2483 Enable Signal Open Circuit  
B2484 Disable Signal Short To Ground  
B2485 Left Side Repeater Lamp Output Circuit Short to Battery  
B2486 Left Side Repeater Lamp Output Circuit Failure  
B2487 Right Side Repeater Lamp Output Short to Battery  
B2488 Right Side Repeater Lamp Output Circuit Failure  
B2489 Underhood Lamp Output Circuit Failure  
B2490 Underhood Lamp Output Circuit Short To Battery  
B2491 Right Park Lamp Output Circuit Short to Battery  
B2492 Already Programmed  
B2493 Left Park Lamp Output Circuit short to Battery  
B2494 Horn/Panic Ouput Driver Short to Battery  
B2495 Anti - Theft Horn Output Circuit Failure  
B2496 Horn/Panic Ouput Driver Short to Ground  
B2497 Blower RPM Out of Range  
B2498 Headlamp Switch Multiple Signals Input Active  
B2499 Courtesy Lamp Output Circuit Failure  
B2500 Courtesy Lamp Output Circuit Short to Battery  
B2501 Left Lamp Low Beam Circuit Faililure  
B2502 Left Lamp Low Beam Circuit Short to Battery  
B2503 Right Lamp Low Beam Circuit Failure  
B2504 Right Lamp Low Beam Circuit Short to Battery  
B2505 Left Lamp High Beam Circuit Falilure  
B2506 Left Lamp High Beam Circuit Short to Battery  
B2507 Right Lamp High Beam Circuit Failure  
B2508 Right Lamp High Beam Circuit Short to Battery  
B2509 Rear Fog Lamp Switch Circuit Failure  
B2510 Main Blower Moror Relay Circuit Short to Battery.  
B2511 Horn Output Relay Circuit Short to Battery  
B2512 Front Fog Lamp Relay Circuit Short To Battery  
B2513 Blower Fan Circuit Failure  
B2514 Blower (Fan) Circuit Short To Battery  
B2515 Heater Blower Relay Circuit Failure  
B2517 Emergency Power Off System Faulted  
B2518 Compressor Overtemp Fault  
B2519 High Mount Stop Lamp Circuit Failure  
B251A Passenger Tach Circuit Failure  
B251B Rear Fog Lamps Output Short to Ground  
B251C Rear Fog Lamps Output Short to Battery  
B251D Rear Fog Lamps Output Open Circuit  
B2520 High Mount Stop Lamp Short to Battery  
B2521 Tachometer Circuit Failure  
B2522 VBAT 1 Circuit Failure  
B2523 License Lamp Circuit Failure  
B2524 License Lamp Circuit Short to Battery  
B2525 Left Rear Backup Lamp circuit Failure  
B2526 Left Rear Backup Lamp circuit Short To Battery  
B2527 Left Rear Stop lamp Circuit Failure  
B2528 Left Rear Stop lamp Circuit Short to Battery  
B2529 Left Rear Turn Lamp Circuit Failure  
B2530 Left Rear Turn Lamp Circuit Short to Battery  
B2531 Right Rear Backup Lamp circuit Failure

B2532 Right Rear Backup Lamp circuit Short To Battery  
B2533 Right Rear Stop lamp Circuit Failure  
B2534 Right Rear Stop lamp Circuit Short to Battery  
B2535 Right Rear Turn Lamp Circuit Failure  
B2536 Right Rear Turn Lamp Circuit Short to Battery  
B2537 Auxiliary Heater No Start Fault  
B2538 Auxiliary Heater Unstable Flame Fault  
B2539 Auxiliary A/C Mode Position Reference Circuit Short to Ground  
B2540 Auxiliary A/C Mode Position Reference Circuit Short to Power  
B2541 Latch Down Mismatch  
B2542 LCLUTCH or RCLUTCH Circuit Failure  
B2543 Auxiliary A/C Control Switch Reference Circuit Short to Ground  
B2544 Auxiliary A/C Control Switch Reference Circuit Short to Power  
B2545 System Power Relay Circuit Short to Battery  
B2546 System Power Relay Circuit Failure  
B2547 Auxiliary Heater Flame Prior To Operation Fault  
B2548 Auxiliary Heater Lock Out Mode Fault  
B2549 Vehicle Air Fan Actuation Circuit Short To Ground  
B2550 Dome Lamp Output Circuit Short to Ground  
B2551 RCLUTCH Open Circuit  
B2552 Vbatt 2 Open  
B2553 Disable Signal Output Circuit Short to Battery  
B2554 LAMP DOME OUTPUT Circuit Failure  
B2555 Dome Lamp Output Circuit Short to Battery  
B2556 Enable Signal Circuit Short to Battery  
B2557 Left Power Sliding Door Open/Close Output Circuit Short to Battery  
B2558 Right Power Sliding Door Open/Close Output Circuit Short to Battery  
B2559 Auxiliary A/C Blower Motor Relay Circuit Short to Battery  
B2560 Auxiliary A/C Blower Motor Relay Circuit Failure  
B2561 Auxiliary A/C Blower Speed 1 Circuit short to Power  
B2562 Auxiliary A/C Blower Speed 1 Circuit Failure  
B2563 Auxiliary A/C Blower Speed 2 Circuit short to Power  
B2564 Auxiliary A/C Blower Speed 2 Circuit Failure  
B2565 Right Tail Lamp Circuit Failure  
B2566 Right Tail Lamp Circuit Short to Battery  
B2567 Reverse Mirror Output Circuit Failure  
B2568 Reverse Mirror Output Circuit Short to Ground  
B2569 Liftgate Disarm Switch Circuit Short to Ground  
B2570 Right Lamp Outage Signal Circuit Short to Ground  
B2571 Left Lamp Outage Signal Circuit Short to Ground  
B2572 Brake Shift Interlock Output Circuit Failure  
B2573 Brake Shift Interlock Output Circuit Short To Ground  
B2574 Driver Door Lock Switch Short To Ground  
B2575 Driver Door UnLock Switch Short To Ground  
B2576 Hardtop Sense Input Short To Ground  
B2577 Left Tail Lamp Output Circuit Failure  
B2578 Passenger Power Window Down Switch Circuit Failure  
B2579 Passenger Power Window Up Switch Circuit Failure  
B2580 Auxiliary Blower Sense Switch Circuit Failure  
B2581 Passenger Seat Occupant Detection Circuit Short To Ground  
B2582 Passenger Seat Occupant Detection Circuit Open  
B2583 Child Seat Detection Circuit Short To Ground  
B2584 Child Seat Detection Circuit Open  
B2585 Anti-Theft Input Signal Circuit Short To Battery

B2586 Headlamp Mode Circuit Failure  
B2587 Passenger Seat Occupant Detection Circuit Short To Battery  
B2588 Child Seat Detection Circuit Short To Battery  
B2589 No Detent (Latch) Switch Detected on Closing,and Door Reversed Direction  
B2590 Vehicle Park/Speed Signal Circuit Failure  
B2591 No Detent (Latch) Switch Detected on Unlatch  
B2592 Power Sliding Door Not Fully Closed  
B2593 Door Reversed While Closing due to an Obstacle Sensed  
B2594 No Movement Detected After an Unlatch,During Power Door Open Operation  
B2595 Anti-Theft Input Signal Circuit Failure  
B2596 Headlamp Air Relay Circuit Short to Battery  
B2597 Headlamp aim output circuit failure  
B2598 Headlamp Relay Circuit Failure  
B2599 Tailgate Release Open Circuit  
B259A Left Power Sliding Door Closer Motor Circuit Failure  
B259B Right Power Sliding Door Closer Motor Circuit Failure  
B259C Left Power Sliding Door Closer Motor Circuit Over Current  
B259D Right Power Sliding Door Closer Motor Circuit Over Current  
B259E Left Power Sliding Door Driver Motor Circuit Over Current  
B259F Right Power Sliding Door Driver Motor Circuit Over Current  
B25A0 Left Power Sliding Door Driver Motor Circuit Failure  
B25A1 Right Power Sliding Door Driver Motor Circuit Failure  
B25A2 Left Power Sliding Door Latch Position Switch Circuit Failure  
B25A3 Right Power Sliding Door Latch Position Switch Circuit Failure  
B25A4 Left Power Sliding Door Latch Release Actuator Open Circuit  
B25A5 Right Power Sliding Door Latch Release Actuator Open Circuit  
B25A6 Left Power Sliding Door Outer Handle Switch Circuit Failure  
B25A7 Right Power Sliding Door Outer Handle Switch Circuit Failure  
B25A8 Left Power Sliding Door Ratchet Switch Circuit Failure  
B25A9 Right Power Sliding Door Ratchet Switch Circuit Failure  
B25AA Left Power Sliding Door Brake Circuit Failure  
B25AB Right Power Sliding Door Brake Circuit Failure  
B25AC Left Power Sliding Door Open/Close Switch Circuit Short to Battery  
B25AD Right Power Sliding Door Open/Close Switch Circuit Short to Battery  
B2600 Double locking door motor frozen  
B2601 No Latch signal Sensed on Closing and Door Reversed  
B2602 Missing Latch Signal During Power Sliding Door Unlatch  
B2603 During Power Close Self-Test of Power Sliding Door,Door not pulled into primary Latch position  
B2604 Power Sliding Door On/Off Switch Circuit Open  
B2605 VSS circuit fault  
B2606 A/C Temperture Sensor Out of Range  
B2607 harness/configuration mismatch  
B2608 ECU Output To Left Headlamp Stepper Motor Short To Ground  
B2609 ECU Output To Left Headlamp Stepper Motor Short Failure  
B2610 ECU Output Driver To Left Headlamp Stepper Motor Over Temperature  
B2611 ECU Output To right headlamp Stepper Motor short To Ground  
B2612 ECU Output To Right Headlamp Stepper Motor Circuit Failure  
B2613 ECU Output Dirver To Right Headlamp Stepper Motor Over Temperature  
B2614 Front Or Rear Axle Vehicle Level Sensor Supply Short To Ground  
B2617 Front Axle Vehicle Level Sensor Signal Short To Ground.  
B2620 Rear Axle Vehicle Level Sensor signal Short To Ground.  
B2621 Rear Axle Vehicle Level Sensor signal Not Plausible.  
B2622 Auto Leveling ECU Speed Message Invalid / Not Available

B2623 Auto Leveling ECU Low Beam Message Invalid / Not Available  
B2625 Dipped beam signal input open circuit.  
B2627 Fuel Sender Circuit Open No.2  
B2628 Fuel Sender Circuit Short To Ground No.2  
B2629 Off-Board Charging Continued After Stop Command Issued  
B2630 Over Current Fault During Off-Board Charging  
B2631 Under Current Fault During Off-Board Charging  
B2632 Over Voltage Fault During Off-Board Charging  
B2633 Driver Front Microphone Circuit Failure  
B2634 Left Rear Microphone Circuit Failure  
B2635 Right Rear Microphone Circuit Failure  
B2636 Emergency (SOS) Switch Input Short To Ground  
B2637 Information Switch Input Short To Ground  
B2638 Phone Rechargeable Battery Fault  
B2639 Deployment Indication Input Open  
B2640 Deployment Indication Input Short To Ground  
B2641 Deployment Indication Input Short To Battery  
B2642 Low Power Detected  
B2643 High Power Detected  
B2644 Phone Mute Signal Open Circuit  
B2645 Under Temperature Fault  
B2646 Antenna Circuit Open Circuit No.1  
B2647 Antenna Circuit Open Circuit No.2  
B2648 Antenna Circuit Open Circuit No.3  
B2649 Antenna Circuit Open Circuit No.4  
B2650 Antenna Circuit Short Circuit No.1  
B2651 Antenna Circuit Short Circuit No.2  
B2652 Antenna Circuit Short Circuit No.3  
B2653 Antenna Circuit Short Circuit No.4  
B2654 Hard/Soft Key Fault  
B2655 Switch And Display ECU Is Defective  
B2656 Digital Versatile Disk Error  
B2657 Electric Vehicle Degraded Battery Capacity Fault  
B2658 Wait To Start Warning Indicator Circuit Open  
B2659 Courtesy Switch Fault  
B2660 Cycling Fault During Off-Board Charging  
B2661 Parklamp Relay Output Short To Battery  
B2662 Parklamp Relay Output Open Circuit  
B2663 Headlamp Relay Output Short To Battery  
B2664 Headlamp Relay Output Open Circuit  
B2665 Battery Back Sounder Circuit Failure  
B2666 Liftgate Release Switch Circuit Failure  
B2667 Liftglass Release Switch Circuit Failure  
B2668 Liftgate Release Relay Coil Short To Battery  
B2669 Liftgate Release Relay Coil Failure  
B266A Liftgate Position Sensor Power Short To Ground  
B266B Liftgate Position Sensor A Input Not Active During Powered Gate Movement  
B266C Liftgate Position Sensor B Input Not Active During Powered Gate Movement  
B266D Liftgate Position Error  
B266E Liftgate Position Sensor Out of Range  
B2670 Liftglass Release Relay Coil Short To Battery  
B2671 Liftglass Release Relay Coil Circuit Failure  
B2672 Discharge Air Temperature Sensor Circuit Open  
B2673 Discharge Air Temperature Sensor Circuit Short To Ground

B2674 Double Lock Output Short To Battery  
B2675 Trip Reset Button Stuck  
B2676 The next patch for this release is not on the floppy disk.  
B2677 Low Oil Pressure Warning Activated  
B2678 Low Coolant Sender Failure  
B2679 Airbag Warning Activated  
B267A Liftgate Half Latch Switch Invalid  
B267B Liftgate Full Latch Switch Invalid  
B267C Liftgate Return Switch Invalid  
B2680 Odometer Changed  
B2681 PRNDL Sender Failure  
B2682 EEC (PCM) Communication Fault  
B2683 Overspeed '-' Button Stuck  
B2684 Overspeed '+' Button Stuck  
B2685 Overspeed 'Seek' button stuck  
B2686 Right Tail Lamp Circuit Short to Battery  
B2687 Left Tail Lamp Circuit Short to Battery  
B2688 Dome Lamp Input Short to Ground  
B2689 Auxiliary A/C Blower Speed 1 Circuit Short To Battery  
B2690 Auxiliary A/C Blower Speed 2 Circuit Short To Battery  
B2691 Front Driver Seat Belt Buckle Switch Circuit Fault  
B2692 Front Passenger Seat Belt Buckle Switch Circuit Fault  
B2693 Intrusion Power Short To Battery  
B2694 Intrusion Power Output Failure  
B2695 Keypad A Switch Circuit Failure  
B2696 Keypad B Switch Circuit Failure  
B2697 Keypad C Switch Circuit Failure  
B2698 Vbatt 2 Circuit Failure  
B2699 Left Pinch Strip Open or Short to Battery  
B2700 Right Pinch Strip Open or Short to Battery  
B2701 Left Pinch Strip Stuck Active  
B2702 Right Pinch Strip Stuck Active  
B2703 Open/Close Switch Stuck Active  
B2704 Optical Sensor Power Short to Ground  
B2705 Optical Sensor 1 Input Not Active During Powered Gate Movement.  
B2706 Optical Sensor 2 Input Not Active During Powered Gate Movement.  
B2707 Gate Open Output Over Current  
B2708 Gate Close Output Over Current  
B2709 Gate Open Short to Battery  
B2710 Gate Close Short to Battery  
B2711 Gate Open Output Short to Ground or Open  
B2712 Gate Close Output Short to Ground or Open  
B2713 Unlatch Output Short to Ground  
B2714 Uncinch Output Open or Short to Ground  
B2715 Cinch Output Open or Short to Ground  
B2716 Left Power Running Board Output Short to Battery  
B2717 Right Power Running Board Output Short to Battery  
B2718 Gate Ajar Output Short to Battery  
B2719 Left Power Running Board Output Short to Ground or open  
B2720 Right Power Running Board Output Short to Ground or open  
B2721 Gate Ajar Output Short to Ground or Open  
B2722 Open/Close Switch Active During Self Test  
B2723 Glass Position Switch Active During Self Test  
B2724 Forkbolt Switch Invalid During Self Test

B2725 Detent Switch Invalid During Self Test  
B2726 Home Switch Invalid During Self Test  
B2727 Heasrest Tilt Switch Timepout  
B2728 Cushion Temp 20 Degress Celsius less than Back Temp  
B2729 Cushion Over-Temp Detected  
B272A Passenger Cushion Over-Temp Detected  
B272B Passenger Back-Over Temp Detected  
B272C Driver Differential Temperature Fault  
B272D Passenger Differential Temperature Fault  
B272E Driver Ignition Run/Blower Circuit Short to Ground  
B272F Passenger Ignition Run/Blower Circuit Short to Ground  
B2730 Back Over-Temp Detected  
B2731 Cushion Temp 20 Degress Celsius Higher than Back Temp  
B2732 Pedal Travel Sensor Short To Ground  
B2733 Pedal Travel Sensor Short To Ignition  
B2734 Pedal Travel Sensor Supply Error  
B2735 ECU Output To headlamp Stepper Motor Circuit Failure  
B2736 Pedal Travel Sensor Circuit Fault  
B2737 Pedal Travel Sensor Jammed Fault  
B2738 Pedal Travel Sensor Velocity Error  
B2739 Pedal Travel Sensor Signal Fault  
B273A Liftgate Release Output Circuit Shorted to Ground  
B273B Liftgate Release Output Circuit Open or Shorted to Battery Voltage  
B2740 Pedal Travel Sensor Spike Error  
B2741 Sensor Cluster Defective  
B2742 Sensor Cluster Over Voltage  
B2743 Sensor Cluster Under Voltage  
B2744 Left Cover Open Output Circuit Over Current  
B2745 Left Drive Motor Over Current During Opening  
B2746 Left Drive Motor Over Current During Closing  
B2747 Left Cincher Motor Short To battery  
B2748 Left Drive Motor Open Circuit  
B2749 Right Drive Motor Over Current During Opening  
B2750 Right Drive Motor Over Current During Closing  
B2751 Right Cincher Motor Short To Battery  
B2752 Right Drive Motor Open Circuit  
B2753 Tonneau Cover Ajar Output - Short to Battery  
B2754 Tonneau Cover Ajar Output - Circuit Failure  
B2755 Left Drive Short to Battery  
B2756 Left Cincher Motor Open  
B2757 Left Drive Output Short to Ground  
B2758 Right Cinch Output over current  
B2759 Right Uncinch Output Over Current  
B2760 Right Drive Short to Battery  
B2761 Right Cincher Motor Open  
B2762 Right Drive Output Short to Ground  
B2763 Sensor Calibration Short To Ground  
B2764 Sensor Calibration Supply Error  
B2765 Sensor Calibration Short To Ignition  
B2766 Sensor Calibration Circuit Fault  
B2767 Sensor Calibration Jammed Error  
B2768 Sensor Calibration Velocity Error  
B2769 Sensor Calibration Spike Error  
B2770 Sensor Calibration Signal Fault



B2771 Left front door ajar ground short  
B2772 Right front door ajar circuit failure  
B2773 A-B or A-C pillar Curtain Circuit Resistance Low on Squib,Driver Side  
B2774 A-B or A-C pillar Curtain Circuit Open,Driver Side  
B2775 A-B or A-C pillar Curtain Circuit Short to Ground,Driver Side  
B2776 A-B or A-C pillar Curtain Circuit Short to Battery,Driver Side  
B2777 A-B or A-C pillar Curtain Circuit Resistance Low on Squib,Passenger Side  
B2778 A-B or A-C pillar Curtain Circuit Open,Passenger Side  
B2779 A-B or A-C pillar Curtain Circuit Short to Ground,Passenger Side  
B2780 A-B or A-C pillar Curtain Circuit Short to Battery,Passenger Side  
B2781 Interior Air Quality Sensor To DATC Open Circuit  
B2782 Interior Air Quality Sensor To DATC Short Circuit  
B2783 Interior Humidity Sensor To DATC Short Circuit  
B2784 Interior Humidity Sensor To DATC Open Circuit  
B2785 TIM Digital Outputs Circuit Failure  
B2786 Latch Switches Mismatch  
B2787 Right Latch Switch Invalid  
B2788 Left Latch Switch Invalid  
B2789 Left or Right Latch Release Circuit Failure  
B278A Airbag Control Switch ACS User Fault  
B278B Switchpack Failure  
B2790 LCLUTCH or RCLUTCH Circuit Failure  
B2791 Airbag cutoff switch circuit fault  
B2792 Cross Link Between Firing Loops  
B2793 Cool Switch Short To Ground  
B2794 Third Row Power Fold Circuit Failure  
B2795 Driver Solar Radiation Sensor Circuit Short to Ground  
B2796 Driver Solar Radiation Sensor Circuit Open  
B2797 Driver Water Valve Circuit Open  
B2798 Driver Water Valve Circuit Short  
B2799 Passenger Water Valve Circuit Open  
B2800 Passenger Water Valve Circuit Short  
B2801 Head Lamp Open Circuit  
B2802 Head Lamp Short To battery  
B2803 Head Lamp Short To Ground  
B2804 Reservoir Solenoid Signal Short To battery  
B2805 Reservoir Solenoid Sensor Supply Short To battery  
B2806 Reservoir Solenoid Sensor Supply Short To Ground  
B2807 Pressure Sensor Signal Short To Battery  
B2808 Pressure Sensor Supply Short To Battery  
B2809 Pressure Sensor Supply Short To Ground  
B2810 Air suspension vent solenoid circuit failure  
B2811 ECU Is In Assembly State  
B2812 LH Power Running Board Connection Fail  
B2813 LH Power Running Board Stow Time Fail  
B2814 LH Power Running Board Deploy Time Fail  
B2815 RH Power Running Board Connection Fail  
B2816 RH Power Running Board Stow Time Fail  
B2817 RH Power Running Board Deploy Time Fail  
B2818 A/C Request Signal Short Circuit to Battery  
B2819 Gate Motor Circuit Short To Battery  
B2820 Gate Motor Circuit Short To Ground or Open  
B2821 Cincher Motor / Unlatch Actuator Short To Ground or Open  
B2822 Cincher Motor / Unlatch Actuator Short To Battery

B2823 Left Tailgate Door Ajar Circuit Short To Ground  
B2824 Right Tailgate Door Ajar Circuit Short To Ground  
B2825 Movement Ceased Due To Excessive Speed Deviation  
B2826 Front Evaporator Temp Sensor Circuit Failure  
B2827 Front Evaporator Temp Sensor Short To Ground  
B2828 Rear Evaporator Temp Sensor Circuit Failure  
B2829 Rear Evaporator Temp Sensor Short To Ground  
B2830 Raw Attitude Signal Not Plausible  
B2831 Raw Attitude Circuit Failure  
B2832 Mode Servo Failure  
B2833 Sensor Supply Fault  
B2834 Air Mix Servo Failure  
B2835 Outlet Air Temperature Thermistor Circuit Failure  
B2836 Front Thermistor Circuit Failure  
B2837 Front Thermistor Short To Ground  
B2838 Rear Thermistor Circuit Failure  
B2839 Rear Thermistor Short To Ground  
B2840 Ambient Air Thermistor Circuit Failure  
B2841 Ambient Air Thermistor Short To Ground  
B2842 Cool Air bypass Failure  
B2843 Air Intake Failure  
B2844 Ignition fault  
B2845 Smog Sensor Circuit Failure  
B2846 Solar Sensor Circuit Failure  
B2847 Intrusion Sensor Power Short To Ground  
B2848 Horn Output Relay Circuit Short to Ground  
B2849 Horn Output Relay Circuit Open  
B2850 Driver side air bag curtain low capacitance on squib  
B2851 Passenger side air bag curtain low capacitance on squib  
B2853 Side air bag crash sensor (left-hand) short circuit to position or short circuit to ground.  
B2854 Side air bag crash sensor (left-hand) to RCM mismatch  
B2855 Front crash sensor short circuit to positive or short circuit to ground.  
B2857 Audio internal multi-disc fault  
B2858 Satellite ECU Is Defective  
B2859 Power sliding door position sensor out of range  
B2860 Airbag control switch internal fault.  
B2861 Airbag control switch communication fault.  
B2862 Airbag control switch indicator failure.  
B2863 Auxiliary cabin heater no.1 relay circuit open  
B2864 Auxiliary cabin heater no.1 relay circuit short to battery  
B2865 Auxiliary cabin heater no.2 relay circuit open  
B2866 Auxiliary cabin heater no.2 relay circuit short to battery  
B2867 Connector half insertion detected  
B2868 Left front tire pressure sensor fault  
B2869 Right front tire pressure sensor fault  
B2870 Right rear tire pressure sensor fault  
B2871 Left rear tire pressure sensor fault  
B2872 The pressure sensor fault  
B2873 Side air bag crash sensor (left-hand) internal fault.  
B2874 Side crash sensor internal fault,front passenger side  
B2875 RCM version conflicts with the passenger side crash sensor version.  
B2876 Striker driver motor short to battery  
B2877 Striker driver motor short to ground  
B2878 Telematics/overhead console button stuck failure

B2879 Fuel tank jet pump fault  
B287A Tire pressure system fault  
B287B Incorrect tire pressure sensor installed  
B2880 Satellite antenna circuit failure  
B2881 Column reach movement fault-primary axis  
B2882 Column reach movement fault-secondary axis  
B2883 Column tilt movement fault-primary axis  
B2884 Column tilt movement fault-secondary axis  
B2885 Spare tire pressure sensor fault  
B2886 Passenger side crash sensor ID fault  
B2887 Driver side crash sensor ID fault  
B2888 Audio head unit media fault  
B2889 Passenger solar radiation sensor circuit short to battery  
B2890 Passenger solar radiation sensor out of range  
B2891 Front wiper switch potentiometer circuit failure  
B2892 Front wiper switch potentiometer out of range  
B2893 Front wiper motor relay circuit failure  
B2894 Decklid release circuit failure  
B2895 Trip computer mode switch circuit failure  
B2896 Odometer data failure  
B2897 Autolamp relay circuit failure  
B2898 Right turn signal indicator output failure  
B2899 Left turn signal indicator output failure  
B2900 VIN mismatch  
B2901 Park brake switch input circuit failure  
B2902 Rear window ajar switch input failure  
B2903 Chime output circuit short to battery  
B2904 Partial mute circuit failure  
B2905 Striker driver motor open circuit  
B2906 Striker up switch input invalid  
B2907 Striker down switch input invalid  
B2908 Latch switch invalid  
B2909 Belt tension sensor fault  
B2910 Striker up/striker down switch mismatch  
B2911 Trip computer data unavailable  
B2912 Reverse gear switch plausibility failure  
B2913 Audio subwoofer not connected  
B2914 Center subwoofer/speaker not connected  
B2915 Fuel sender circuit failure no.2  
B2916 Rear blend door circuit failure  
B2917 Rear mode door circuit failure  
B2918 Auxiliary temperature blend input circuit failure  
B2919 Auxiliary blower motor speed input circuit failure  
B291A Reverse gear switch short to ground  
B291B Reverse gear switch short to ground  
B2920 Auxiliary (rear) mode door position failure  
B2921 Auxiliary (rear) temperature blend door circuit failure  
B2922 Auxiliary button stuck  
B2923 Climate control button stuck  
B2924 Audio button stuck  
B2925 Subwoofer speaker short circuit  
B2926 Defrost actuator motor out of range  
B2927 Mirror switch assembly circuit-over voltage  
B2928 RF receiver not connected

B2929 Transmit data line short to battery  
B292A Subwoofer 2 speaker short circuit  
B2930 Transmit data line open circuit or short to ground  
B2931 Optical sensor 2 short to battery or open  
B2932 Optical sensor 1 short to ground  
B2933 Optical sensor 2 short to battery or open  
B2934 Optical sensor 2 short to ground  
B2935 Driver unit failure  
B2936 Gate motor open  
B2937 Gate motor short to ground  
B2938 Gate motor short to battery  
B2939 Gate clutch short to ground or open  
B293A Roof movement suspended  
B293B Left rear deck motor rotation speed sensor circuit open or short to ground  
B293C Right rear deck motorrotation speed sensor circuit open or short to ground  
B293D Left roof motor circuit open or short to ground  
B293E Right roof motor circuit open or short to ground  
B293F Left rear deck motor circuit open or short to ground  
B2940 Chime output circuit short to ground  
B2941 Cinch motor open  
B2942 Cinch output short to battery  
B2943 Uncinc output short to battery  
B2944 Unlatch output short to battery  
B2945 RF receiver enable short to ground  
B2946 RF receiver power short to ground  
B2947 Global opening/closing circuit open  
B2948 Global opening/closing circuit short to ground  
B2949 Global opening/closing circuit short to battery  
B294A Air conditioning switch short to battery  
B294B Left roof motor rotation speed sensor circuit open or short to ground  
B294C Right roof motor rotation speed sensor circuit open or short to ground  
B294D Roof mechanism failure  
B294E Deck mechanism failure  
B294F Roof/rear position error  
B2950 Air conditioning system fault  
B2951 Three-way valve relay circuit failure  
B2952 Wakeup circuit failure  
B2953 Electrical hazard lamp circuit failure  
B2954 Charge lamp circuit failure  
B2955 Cluster power circuit failure  
B2956 Servo motor left blend door close line circuit failure  
B2957 Servo motor left blend door open line circuit failure  
B2958 Servo motor vent open line circuit failure  
B2959 Servo motor vent close line circuit failure  
B2960 Air flow recirculation door open line driver circuit failure  
B2961 Air flow recirculation door close line driver circuit failure  
B2962 Passenger Seat Heater output fault  
B2963 Driver seat heater feedback circuit fault  
B2964 Passenger seat heater feedback circuit fault  
B2965 Audio system speaker circuit fault  
B2966 Front washer switch stuck  
B2967 Rear washer switch stuck  
B2968 Battery back sounder circuit short to ground  
B2969 Fuel pump status input circuit failure

B296A Right roof motor rotation speed sensor circuit open or short to ground  
B296B Top lock striker circuit failure  
B296C Roof open/close switch circuit short to ground  
B296D Motor rotation speed sensor output voltage low  
B2970 Tailgate release switch circuit failure  
B2971 Pedal position input short to ground  
B2972 Pedal position input short to battery  
B2973 Daytime running lamp output shorted to ground  
B2974 Lighting mode switch input circuit failure  
B2975 Auxiliary heater line overload  
B2976 Auxiliary heater line failure  
B2977 Pedal memory position out of range  
B2978 Pedal motor out of range  
B2979 High pressure A/C compressor cut-out  
B297A Blend door actuator drive circuit(s) open  
B297B Blend door actuator drive circuit(s) short to ground  
B297C Driver blend door actuator driver circuit(s) open  
B297D Driver blend door actuator driver circuit(s) short to ground  
B297E Passenger blend door actuator driver circuit(s) open  
B297F Passenger blend door actuator driver circuit(s) short to ground  
B2980 Servo motor right blend door close line circuit failure  
B2981 Servo motor right blend door open line circuit failure  
B2982 Park brake switch input circuit open  
B2983 Driver door switch out of self test range  
B2984 Deployable steering column circuit open  
B2985 Deployable steering column circuit short to battery  
B2986 Deployable steering column circuit short to ground  
B2987 Deployable steering column circuit resistance low on squib  
B2988 Knee bolster column circuit open  
B2989 Knee bolster column circuit short to battery  
B298A Mode door actuator driver circuit(s) open  
B298B Mode door actuator driver circuit(s) short to ground  
B298C Recirc door actuator driver circuit(s) open  
B298D Recirc door actuator driver circuit(s) short to ground  
B2990 Knee bolster circuit short to ground  
B2991 Knee bolster circuit resistance low on squib  
B2992 Electrical parking brake overload  
B2993 Electrical parking brake temperature model too high  
B2994 Electrical parking brake temperature sensor too high  
B2995 Video feed missing  
B2996 Servo motor floor close line circuit failure  
B2997 Servo motor floor open line circuit failure  
B2998 Inflatable knee bolster circuit failure  
B2999 Restrain event notification signal fault  
B299A Suppressor left circuit open-loop 1  
B299B Suppressor left circuit short to battery-loop 1  
B299C Suppressor left circuit short to ground-loop 1  
B299D Suppressor left circuit crosslink fault-loop 1  
B299E Suppressor left circuit resistance low on squib-loop 1  
B299F Suppressor left circuit open-loop 2  
B29A0 Suppressor left circuit short to battery-loop 2  
B29A1 Suppressor left circuit short to ground-loop 2  
B29A2 Suppressor left circuit crosslink fault-loop 2  
B29A3 Suppressor left circuit resistance low on squib-loop 2

B29A4 Suppressor right circuit open-loop 1  
B29A5 Suppressor right circuit short to battery-loop 1  
B29A6 Suppressor right circuit short to ground-loop 1  
B29A7 Suppressor right circuit crosslink fault-loop 1  
B29A8 Suppressor right circuit resistance low on squib-loop 1  
B29A9 Suppressor right circuit open-loop 2  
B29AA Suppressor right circuit short to battery-loop 2  
B29AB Suppressor right circuit short to ground-loop 2  
B29AC Suppressor right circuit crosslink fault-loop 2  
B29AD Suppressor right circuit resistance low on squib-loop 2  
B29AE Fire suppressure manual activation switch closed at key on  
B29AF Fire suppressure manual activation switch high circuit failure  
B29B0 Fire suppressure manual activation switch high side circuit short to battery  
B29B1 Fire suppressure manual activation switch low side circuit failure  
B29B2 Fire suppressure manual activation switch low side circuit short to battery  
B29B3 Fire suppression indicator lamp circuit failure  
B29B4 Fire suppression indicator lamp circuit short to battery  
B29B5 Crosslink between firing loops  
B29B6 Instrument cluster input circuit short to ground  
B29B7 White lighting output circuit open  
B29B8 White lighting output circuit short to ground  
B29B9 White lighting output circuit short to battery  
B2A00 Retractable hard top open switch circuit failure  
B2A01 Retractable hard top close switch circuit failure  
B2A02 Hydraulic pump overtemperature  
B2A03 Hall sensor 1 defective  
B2A04 Hall sensor 2 defective  
B2A05 Hall sensor 3 defective  
B2A06 Hall sensor 4 defective  
B2A07 Hall sensor 5 defective  
B2A08 Hall sensor 6 defective  
B2A0A Hall sensor 7 defective  
B2A0B Hall sensor 8 defective  
B2A0C Hall sensor 9 defective  
B2A0D Hall sensor 10 defective  
B2A0E Hall sensor 11 defective  
B2A0F Hall sensor 12 defective  
B2A10 Hall sensor 13 defective  
B2A11 Hall sensor 14 defective  
B2A12 Hydraulic solenoid 1 failure  
B2A13 Hydraulic solenoid 2 failure  
B2A14 Hydraulic solenoid 3 failure  
B2A15 Hydraulic solenoid 4 failure  
B2A16 Module overheat  
B2A17 Trunk lid upper latch motor blocked  
B2A18 Power striker defective  
B2A19 Power striker motor implausible  
B2A1A Hydraulic pump open circuit  
B2A1B Hall sensor feed circuit short to battery  
B2A1C Hall sensor feed circuit short to ground  
B2A1D Potentiometer feed circuit short to battery  
B2A1E Potentiometer feed circuit short to ground  
B2A20 Ignition stuck in start  
B2A21 One or more configuration files missing or corrupt

B2A22 Headlamp off circuit open  
B2A23 High beam input circuit short to ground  
B2A24 Turn signal input circuit failure  
B2A25 Trim panel lock switch circuit failure  
B2A26 Keypad switch circuit failure  
B2A27 Right front turn lamp circuit open  
B2A28 Right front turn lamp circuit short to ground  
B2A29 Left front turn lamp circuit open  
B2A2A Left front turn lamp circuit short to ground  
B2A2B Left corner lamp output circuit short to ground  
B2A2C Right corner lamp output circuit short to ground  
B2A2D Third row power fold circuit short to ground  
B2A2E Right front lamp low beam circuit open  
B2A2F Right front lamp low beam circuit short to ground  
B2A30 Left front lamp low beam circuit open  
B2A31 Left front lamp low beam circuit short to ground  
B2A32 LED backlighting output circuit open  
B2A33 LED backlighting output circuit short to ground  
B2A34 LED backlighting output circuit short to battery  
B2A35 Interior lighting output circuit open  
B2A36 Interior lighting output circuit short to ground  
B2A37 Floor lamp output circuit open  
B2A38 Floor lamp output circuit short to ground  
B2A39 Puddle lamp output circuit open  
B2A3A Puddle lamp output circuit short to ground  
B2A3B TPMS initiator left 1 output circuit open  
B2A3C TPMS initiator left 1 output circuit short to ground  
B2A3D TPMS initiator left 2 output circuit open  
B2A3E TPMS initiator right 2 output circuit short to ground  
B2A3F Seatbelt load limiter driver cross link to another firing loop  
B2A40 Seatbelt load limiter front passenger cross link to another firing loop  
B2A41 Seatbelt column telescopic rear switch short to battery  
B2A42 Steering column tilt up switch short to battery  
B2A43 Steering column tilt down switch short to battery  
B2A44 Steering column telescopic forward switch short to battery  
B2A45 TPMS initiator right (2) output circuit short to battery voltage  
B2A46 TPMS initiator left (1) output circuit short to battery voltage  
B2A4A Steering column tilt up switch short to ground  
B2A4B Steering column tilt down switch short to ground  
B2A4C Hybrid battery current sensor implausible  
B2A4D Battery contactor signal incorrect after event  
B2AA2 Hydrogen high pressure sensor circuit 1 open/short GND/short VREF  
B2AA3 Hydrogen high pressure sensor circuit 1 open/short GND/short VREF  
B2AB2 Hydrogen tank leakage sensor 1 circuit open/short GND/short VREF  
B2AB3 Hydrogen tank leakage sensor 2 circuit open/short GND/short VREF  
B2AB4 Hydrogen engine compartment sensor circuit open/short GND/short VREF  
B2AB5 Hydrogen cabin leakage sensor circuit open/short GND/short VREF  
B2AB6 Hydrogen tank sensor 1 leak exceeds high threshold  
B2AB7 Hydrogen tank sensor 1 leak exceeds low threshold  
B2AB8 Hydrogen tank sensor 2 leak exceeds high threshold  
B2AB9 Hydrogen tank sensor 2 leak exceeds low threshold  
B2ABA Hydrogen engine compartment sensor leak exceeds high threshold  
B2ABB Hydrogen engine compartment sensor leak exceeds low threshold  
B2ABC Hydrogen cabin sensor leak exceeds high threshold

B2ABD Hydrogen cabin sensor leak exceeds low threshold  
B2AC2 Hydrogen temperature sensor 2 circuit open/short GND/short VREF  
B2AC3 Hydrogen temperature sensor 5 circuit open/short GND/short VREF  
B2AC4 Hydrogen tank temperature sensor 2 under low limit  
B2AC6 Hydrogen tank temperature sensor 5 under low limit  
B2AD2 Tank area fan 2 circuit  
B2AD3 Tank solenoid leak test failure  
B2AD4 Piping or pressure solenoid leak test failure  
B2AD5 Hydrogen tank solenoid short to VBATT  
B2AD6 EMM/H2MS fault present  
B2AD7 Trunk lock switch stuck  
B2AD8 Start button 2 stuck  
B2AD9 Right rear right unlock pull switch stuck  
B2ADA Start button 1 stuck  
B2ADB Right rear unlock pull switch stuck  
B2AD C Right rear latch clutch switch stuck  
B2AD D Left rear unlock pull switch stuck  
B2ADE Left rear latch clutch/unlock pull switch correlation  
B2ADF Left rear latch clutch switch stuck  
B2AE0 Passive key response error  
B2AE1 Right front unlock pull switch stuck  
B2AE2 Right front lock switch stuck  
B2AE3 Right front latch clutch/unlock pull switch correlation  
B2AE4 Right front latch clutch switch stuck  
B2AE5 Left front unlock pull switch stuck  
B2AE6 Left front lock switch stuck  
B2AE7 Left front latch clutch/unlock pull switch correlation  
B2AE8 Left front latch clutch switch stuck  
B2AE9 Central unlock switch stuck  
B2AEA Start button 1/2 correlation  
B2B00 Ambient Light Zone 1 Red Circuit Open  
B2B01 Ambient Light Zone 1 Red Circuit Short to Ground  
B2B02 Ambient Light Zone 1 Green Circuit Open  
B2B03 Ambient Light Zone 1 Green Circuit Short to Ground  
B2B04 Ambient Light Zone 1 Blue Circuit Open  
B2B05 Ambient Light Zone 1 Blue Circuit Short to Ground  
B2B06 Ambient Light Zone 1 Signature Circuit Open  
B2B07 Ambient Light Zone 1 Signature Circuit Short to Ground  
B2B08 Ambient Light Zone 2 Red Circuit Open  
B2B09 Ambient Light Zone 2 Red Circuit Short to Ground  
B2B0A Ambient Light Zone 2 Green Circuit Open  
B2B0B Ambient Light Zone 2 Green Circuit Short to Ground  
B2B0C Ambient Light Zone 2 Blue Circuit Open  
B2B0D Ambient Light Zone 2 Blue Circuit Short to Ground  
B2B0E Ambient Light Zone 2 Signature Circuit Open  
B2B0F Ambient Light Zone 2 Signature Circuit Short to Ground  
B2B10 Ambient Light Zone 3 Red Circuit Open  
B2B11 Ambient Light Zone 3 Red Circuit Short to Ground  
B2B12 Ambient Light Zone 3 Green Circuit Open  
B2B13 Ambient Light Zone 3 Green Circuit Short to Ground  
B2B14 Ambient Light Zone 3 Blue Circuit Open  
B2B15 Ambient Light Zone 3 Blue Circuit Short to Ground  
B2B16 Ambient Light Zone 3 Signature Circuit Open



B2B17 Ambient Light Zone 3 Signature Circuit Short to Ground  
B2B18 Ambient Light Switch Input Fault  
B2C90 Refueling Automatically Stopped Due to Fuel Mass Above Limit  
B2C91 Refueling Automatically Stopped Due to Tank Above High Temperature Limit  
B2C92 Refueling Automatically Stopped Due to Tank Above High Pressure Limit  
B2C93 Refueling Automatically Stopped Due to Tank Below Low Temperature Limit  
B2C94 Re/Defueling Automatically Stopped Due to Tank Temperature Sensor Fault  
B2C95 Re/Defueling Automatically Stopped Due to Tank Pressure Sensor Fault  
B2C96 Re/Defueling Automatically Stopped Due to Hydrogren Sensor Fault  
B2C97 Re/Defueling Automatically Stopped Due to Detected Hydrogren Concentration Above The  
Low-Level Limit  
B2C98 Telephone Positive Differential Circuit Open  
B2C99 Telephone Positive Differential Circuit Short to Battery  
B2C9A Telephone Positive Differential Circuit Short to Ground  
B2C9B Telephone Negative Differential Circuit Open  
B2C9C Telephone Negative Differential Circuit Short to Battery  
B2C9D Telephone Negative Differential Circuit Short to Ground  
B2C9E Body Control Module B Input Circuit Failure  
B2C9F ECU Faulted Due to Powering Error  
B3130 Door Unlock Circuit Failure  
B3135 Door lock Circuit Failure  
B3785 A/C Blower Driver Circuit Failure