

## BMW Specific Trouble Codes

<b>Code</b>	<b>Description</b>
P1083	Fuel Control Mixture Lean (Bank 1 Sensor 1)
P1084	Fuel Control Mixture Rich (Bank 1 Sensor 1)
P1085	Fuel Control Mixture Lean (Bank 2 Sensor 1)
P1086	Fuel Control Mixture Rich (Bank 2 Sensor 1)
P1087	O2 Sensor Circuit Slow Response in Lean Control Range (Bank 1 Sensor 1)
P1088	O2 Sensor Circuit Slow Response in Rich Control Range (Bank 1 Sensor 1)
P1089	O2 Sensor Circuit Slow Response in Lean Control Range (Bank 1 Sensor 2)
P1090	Pre-Catalyst Fuel Trim Too Lean Bank 1
P1091	Pre-Catalyst Fuel Trim Too Rich Bank 1
P1092	Pre-Catalyst Fuel Trim Too Lean Bank 2
P1093	Pre-Catalyst Fuel Trim Too Rich Bank 2
P1094	O2 Sensor Circuit Slow Response in Rich Control Range (Bank 2 Sensor 1)
P1095	O2 Sensor Circuit Slow Switching From Lean to Rich (Bank 1 Sensor 1)
P1096	O2 Sensor Circuit Slow Switching From Lean to Rich (Bank 2 Sensor 1)
P1097	O2 Sensor Circuit Slow Response after Coast Down Fuel Cutoff (Bank 1 Sensor 1)
P1098	O2 Sensor Circuit Slow Response after Coast Down Fuel Cutoff (Bank 2 Sensor 2)
P1111	Engine Coolant Temperature Radiator Outlet Sensor Low Input
P1112	Engine Coolant Temperature Radiator Outlet Sensor High Input
P1115	Coolant Temperature Sensor Plausibility
P1116	Mass Or Volume Air Flow Circuit Range/Performance Problem (Bank 2)
P1117	Mass Or Volume Air Flow Circuit Low Input (Bank 2)
P1118	Mass Or Volume Air Flow Circuit High Input (Bank 2)
P1120	Pedal Position Sensor Circuit
P1121	Pedal Position 1 Range/Performance Problem
P1122	Pedal Position 1 Low Input
P1123	Pedal Position 1 High Input
P1132	O2 Sensor Heater Control Circuit (Bank 1 Sensor 1)
P1133	O2 Sensor Heater Control Circuit (Bank 2 Sensor 1)
P1134	O2 Sensor Heater Circuit Signal Intermittent (Bank 1 Sensor 2)
P1135	O2 Sensor Heater Circuit Low Voltage (Bank 1 Sensor 1)
P1136	O2 Sensor Heater Circuit High Voltage (Bank 1 Sensor 1)
P1137	O2 Sensor Heater Circuit Signal Intermittant (Bank 1 Sensor 2)
P1138	O2 Sensor Heater Circuit Low Voltage (Bank 1 Sensor 2)
P1139	O2 Sensor Heater Circuit High Voltage (Bank 1 Sensor 2)
P1140	Mass or Volume Air Flow Circuit Range/Performance Problem
P1145	Solenoid Valve Running Losses Control Circuit Electrical
P1151	O2 Sensor Heater Circuit Signal Intermittant (Bank 2 Sensor 1)
P1152	O2 Sensor Heater Circuit Low Voltage (Bank 2 Sensor 1)
P1153	O2 Sensor Heater Circuit High Voltage (Bank 2 Sensor 1)
P1155	O2 Sensor Heater Circuit Intermittant (Bank 2 Sensor 2)
P1156	O2 Sensor Heater Circuit Low Voltage (Bank 2 Sensor 2)
P1157	O2 Sensor Heater Circuit High Voltage (Bank 2 Sensor 2)
P1158	Fuel Trim Additive Bank 1 Low
P1159	Fuel Trim Additive Bank 1 High
P1160	Fuel Trim Additive Bank 2 Low
P1161	Fuel Trim Additive Bank 2 High
P1162	Fuel Trim Additive Per Ignition Bank 1 Low
P1163	Fuel Trim Additive Per Ignition Bank 1 High
P1164	Fuel Trim Additive Per Ignition Bank 2 Low
P1165	Fuel Trim Additive Per Ignition Bank 2 High
P1174	Fuel Trim Adaptation Additive Bank 1 Malfunction
P1175	Fuel Trim Adaptation Additive Bank 2 Malfunction
P1176	O2 Sensor Slow Response Bank 1
P1177	O2 Sensor Slow Response Bank 2
P1178	O2 Sensor Signal Circuit Slow Switching From Rich to Lean (Bank 1 Sensor 1)
P1179	O2 Sensor Signal Circuit Slow Switching From Rich to Lean (Bank 2 Sensor 1)
P1180	O2 Sensor Signal Circuit Slow Switching From Rich to Lean (Bank 1 Sensor 2)

P1181	O2 Sensor Signal Circuit Slow Switching From Rich to Lean (Bank 2 Sensor 2)
P1182	O2 Sensor (Bank 1 Sensor 2) Open Circuit During Coast Down Fuel Cut-off
P1183	O2 Sensor (Bank 2 Sensor 2) Open Circuit During Coast Down Fuel Cut-off
P1186	O2 Sensor Heater Control Circuit (Bank 1 Sensor 2)
P1187	O2 Sensor Heater Control Circuit (Bank 2 Sensor 2)
P1188	Fuel Control (Bank 1 Sensor 1)
P1189	Fuel Control (Bank 2 Sensor 1)
P1190	Pre-catalyst Fuel Trim System Bank 1
P1191	Pre-catalyst Fuel Trim System Bank 2
P1192	Post-catalyst Fuel Trim System Bank 1
P1193	Post-catalyst Fuel Trim System Bank 2
P1221	Pedal Position Sensor 2 Range/Performance Problem
P1222	Pedal Position Sensor 2 Low Input
P1223	Pedal Position Sensor 2 High Input
P1270	Control Module Self-Test, Torque Monitoring
P1271	Ambient Air Pressure Sensor Electrical
P1283	Switching Solenoid for Air Assisted Injection Valves Bank 1 Control Circuit Electrical
P1284	Switching Solenoid for Air Assisted Injection Valves Bank 1 Control Circuit Signal Low
P1285	Switching Solenoid for Air Assisted Injection Valves Bank 1 Control Circuit Signal High
P1287	Switching Solenoid for Air Assisted Injection Valves Bank 2 Control Circuit Electrical
P1288	Switching Solenoid for Air Assisted Injection Valves Bank 2 Control Circuit Signal Low
P1289	Switching Solenoid for Air Assisted Injection Valves Bank 2 Control Circuit Signal High
P1313	"A" Camshaft Position Plausibility
P1317	"B" Camshaft Position Plausibility
P1327	Knock Sensor 2 (Bank 1) Low Input
P1328	Knock Sensor 2 (Bank 1) High Input
P1332	Knock Sensor 4 Low Input
P1333	Knock Sensor 4 High Input
P1340	Multiple Cylinder Misfire During Start
P1341	Multiple Cylinder Misfire With Fuel Cut-off
P1342	Misfire During Start Cylinder 1
P1343	Misfire Cylinder 1 With Fuel Cut-off
P1344	Misfire During Start Cylinder 2
P1345	Misfire Cylinder 2 With Fuel Cut-off
P1346	Misfire During Start Cylinder 3
P1347	Misfire Cylinder 3 With Fuel Cut-off
P1348	Misfire During Start Cylinder 4
P1349	Misfire Cylinder 4 With Fuel Cut-off
P1350	Misfire During Start Cylinder 5
P1351	Misfire Cylinder 5 With Fuel Cut-off
P1352	Misfire During Start Cylinder 6
P1353	Misfire Cylinder 6 With Fuel Cut-off
P1354	Misfire During Start Cylinder 7
P1355	Misfire Cylinder 7 With Fuel Cut-off
P1356	Misfire During Start Cylinder 8
P1357	Misfire Cylinder 8 With Fuel Cut-off
P1358	Misfire During Start Cylinder 9
P1359	Misfire Cylinder 9 With Fuel Cut-off
P1360	Misfire During Start Cylinder 10
P1361	Misfire Cylinder 10 With Fuel Cut-off
P1362	Misfire During Start Cylinder 11
P1363	Misfire Cylinder 11 With Fuel Cut-off
P1364	Misfire During Start Cylinder 12
P1365	Misfire Cylinder 12 With Fuel Cut-off
P1384	Knock Sensor 3 Circuit
P1385	Knock Sensor 4 Circuit
P1386	Control Module Self-test, Knock Control Baseline Test Bank 1
P1396	Crankshaft Position Sensor Segment Timing Plausibility
P1397	Camshaft Position Sensor "B" Circuit (Bank 1)
P1400	Heated Catalyst Battery Voltage or Current too Low During Heating (Bank 1)
P1401	Heated Catalyst Current too High During Heating (Bank 1)

P1402	Heated Catalyst Power Switch Overtemperature Condition (Bank 1)
P1403	Carbon Canister Shut Off valve Control Circuit Electrical
P1404	Heated Catalyst Current too High During Heating (Bank 2)
P1405	Heated Catalyst Power Switch Overtemperature Condition (Bank 2)
P1406	Heated Catalyst Internal Control Module Checksum/ROM Error
P1413	Secondary Air Injection Pump Relay Control Circuit Signal Low
P1414	Secondary Air Injection System Monitor Circuit High
P1420	Secondary Air Valve Control Circuit Electrical
P1421	Secondary Air System Bank 1
P1422	Secondary Air System Bank 2
P1432	Secondary Air Injection System Incorrect Flow Detected
P1438	Purge Control Valve Control Open Circuit
P1439	Purge Control Valve Control Circuit Signal Low
P1440	Purge Control Valve Control Circuit Signal High
P1441	Leakage Diagnostic Pump Control Open Circuit
P1442	Leakage Diagnostic Pump Control Circuit Signal Low
P1443	Leakage Diagnostic Pump Control Circuit Signal High
P1444	Diagnostic Module Tank Leakage (DM-TL) Pump Control Open Circuit
P1445	Diagnostic Module Tank Leakage (DM-TL) Pump Control Circuit Signal Low
P1446	Diagnostic Module Tank Leakage (DM-TL) Pump Control Circuit Signal High
P1447	Diagnostic Module Tank Leakage (DM-TL) Pump Too High During Switching
P1448	Diagnostic Module Tank Leakage (DM-TL) Pump Too Low During Switching
P1449	Diagnostic Module Tank Leakage (DM-TL) Pump Too High
P1450	Diagnostic Module Tank Leakage (DM-TL) Switching Solenoid Open Circuit
P1451	Diagnostic Module Tank Leakage (DM-TL) Switching Solenoid Control Circuit Signal Low
P1452	Diagnostic Module Tank Leakage (DM-TL) Switching Solenoid Control Circuit Signal High
P1453	Secondary Air Injection Pump Relay Control Circuit Electrical
P1454	Secondary Air Injection Pump With Series Resistor Control Circuit Electrical
P1456	Heated Catalyst Heater Power Supply Open Circuit (Bank 1)
P1457	Heated Catalyst Heater Power Switch Temperature Sensor Electrical (Bank 1)
P1459	Heated Catalyst Heater Power Supply Open Circuit (Bank 2)
P1460	Heated Catalyst Heater Power Switch Temperature Sensor Electrical (Bank 2)
P1461	Heated Catalyst Gate Voltage Signal Low
P1462	Heated Catalyst Internal Control Module Checksum/ROM Error
P1463	Heated Catalyst Battery Temperature Sensor 1 Electrical
P1464	Heated Catalyst Battery Temperature Sensor 2 Electrical
P1465	Heated Catalyst Battery Temperature Sensor 1 or 2 Plausibility
P1466	Heated Catalyst Power Switch Temperature Sensor Plausibility
P1467	Heated Catalyst Comparison Battery Voltages of Power Switches Plausibility
P1468	Heated Catalyst Battery Disconnecting Switch Plausibility
P1470	Leakage Diagnostic Pump Control Circuit Electrical
P1472	Diagnostic Module Tank leakage (DM-TL) Switching Solenoid Control Circuit Electrical
P1473	Diagnostic Module Tank leakage (DM-TL) Pump Current Plausibility
P1475	Leakage Diagnostic Pump Reed Switch Did Not Close
P1476	Leakage Diagnostic Pump Clamped Tube
P1477	Leakage Diagnostic Pump Reed Switch Did Not Open
P1500	Idle Speed Control Valve Stuck Open
P1501	Idle Speed Control Valve Stuck Closed
P1502	Idle Speed Control Valve Closing Solenoid Control Circuit Signal High or Low
P1503	Idle Speed Control Valve Closing Solenoid Control Circuit Signal Low
P1504	Idle Speed Control Valve Closing Solenoid Control Open Circuit
P1505	Idle Speed Control Valve Closing Solenoid Control Circuit Electrical
P1506	Idle Speed Control Valve Open Solenoid Control Circuit Signal High
P1507	Idle Speed Control Valve Open Solenoid Control Circuit Signal Low
P1508	Idle Speed Control Valve Opening Solenoid Control Open Circuit
P1509	Idle Speed Control Valve Opening Solenoid Control Circuit Electrical
P1510	Idle Speed Control Valve Stuck
P1511	DISA Control Circuit Electrical
P1512	DISA Control Circuit Signal Low
P1513	DISA Control Circuit Signal High
P1519	"A" Camshaft Position Actuator Bank 1

P1520	"B" Camshaft Position Actuator Bank 1
P1522	"A" Camshaft Position Actuator Bank 2
P1523	"A" Camshaft Position Actuator Signal Low Bank 1
P1524	"A" Camshaft Position Actuator Signal High Bank 1
P1525	"A" Camshaft Position Actuator Control Open Circuit Bank 1
P1526	"A" Camshaft Position Actuator Control Open Circuit Bank 2
P1527	"A" Camshaft Position Actuator Control Circuit Signal Low Bank 1
P1528	"A" Camshaft Position Actuator Control Circuit Signal High Bank 1
P1529	"B" Camshaft Position Actuator Control Circuit Signal Low Bank 1
P1530	"B" Camshaft Position Actuator Control Circuit Signal High Bank 1
P1531	"B" Camshaft Position Actuator Control Open Circuit Bank 1
P1532	"B" Camshaft Position Actuator Control Open Circuit Bank 2
P1533	"B" Camshaft Position Actuator Control Circuit Signal Low Bank 2
P1534	"B" Camshaft Position Actuator Control Circuit Signal High Bank 2
P1540	Pedal Position Sensor
P1541	Pedal Position Sensor Double Error
P1542	Pedal Position Sensor Electrical
P1543	Pedal Position Sensor
P1544	Pedal Position Sensor
P1545	Pedal Position Sensor
P1546	Pedal Position Sensor
P1550	Idle Speed Control valve Closing Solenoid Control Circuit Electrical
P1551	"A" Camshaft Position Actuator Control Open Circuit Bank 1
P1552	"A" Camshaft Position Actuator Control Open Circuit Bank 1
P1556	"A" Camshaft Position Actuator Control Open Circuit Bank 1
P1560	"B" Camshaft Position Actuator Control Open Circuit Bank 1
P1564	Control Module Selection
P1565	"B" Camshaft Position Actuator Control Open Circuit Bank 1
P1569	"A" Camshaft Position Actuator Control Open Circuit Bank 2
P1580	Throttle Valve Mechanically Stuck
P1581	"B" Camshaft Position Actuator Control Open Circuit Bank 2
P1589	Control Module Self Test, Knock Control Test Pulse Bank 1
P1593	DISA Control Circuit Electrical
P1594	"B" Camshaft Position Actuator Control Open Circuit Bank 2
P1602	Control Module Self Test, Control Module Defective
P1603	Control Module Self Test, Torque Monitoring
P1604	Control Module Self Test, Speed Monitoring
P1607	CAN Version
P1608	Serial Communicating Link Control Module
P1609	Serial Communicating Link EML
P1611	Serial Communicating Link Transmission Control Module
P1619	MAP Cooling Control Circuit Signal Low
P1620	MAP Cooling Control Circuit Signal High
P1622	MAP Cooling Control Circuit Electrical
P1623	Pedal Position Sensor Potentiometer Supply
P1624	Pedal Position Sensor Potentiometer Supply Channel 1 Electrical
P1625	Pedal Position Sensor Potentiometer Supply Channel 2 Electrical
P1632	Throttle Valve Adaptation; Adaptation Condition Not Met
P1633	Throttle Valve Adaptation; Limp Home Position
P1634	Throttle Valve Adaptation; Spring Test Failed
P1635	Throttle Valve Adaptation; Lower Mechanical Stop Not Adapted
P1636	Throttle Valve Control Circuit
P1637	Throttle Valve Position Control; Control Deviation
P1638	Throttle Valve Position Control; Throttle Stuck Temporarily
P1639	Throttle Valve Position Control; Throttle Stuck Permanently
P1640	Internal Control Module (ROM/RAM) Error
P1690	Malfunction Indicator Lamp (MIL) Electrical
P1734	Pressure Control Solenoid "B" Electrical
P1738	Pressure Control Solenoid "C" Electrical
P1743	Pressure Control Solenoid "E" Electrical
P1744	Pressure Control Solenoid "A" Electrical

P1746	Transmission Control Module Output Stage
P1747	CAN Bus Monitoring
P1748	Transmission Control Module Self Test
P1749	Secondary Pressure Solenoid Communication Error
P1750	Secondary Pressure Solenoid Circuit Range/Performance
P1751	Secondary Pressure Solenoid Open Circuit
P1761	Shift Solenoid Malfunction
P1765	CAN Throttle Valve
P1770	CAN Torque Interface
P1780	CAN Torque Reduction

## Generic OBD-II Diagnostic Powertrain (P) Trouble Codes

This list contains standard diagnostic trouble codes (DTC's) that are used by some manufacturers to identify vehicle problems. The codes provide below are generic codes that may not apply to all vehicles. Vehicle manufacturers may use manufacturer specific DTC codes that are different from the codes shown below. Foreign vehicles may also use DTC codes different from the generic DTC codes. We recommend that you not depend on the DTC codes in this list for vehicle repairs until you confirm the generic DTC codes apply to your vehicle(s). The list below is for information purposes only and is not intended for use in vehicle repairs.

### DTC Codes - P0100-P0199 – Fuel and Air Metering

- [P0100 Mass or Volume Air Flow Circuit Malfunction](#)
- [P0101 Mass or Volume Air Flow Circuit Range/Performance Problem](#)
- [P0102 Mass or Volume Air Flow Circuit Low Input](#)
- [P0103 Mass or Volume Air Flow Circuit High Input](#)
- [P0104 Mass or Volume Air Flow Circuit Intermittent](#)
- P0105 Manifold Absolute Pressure/Barometric Pressure Circuit Malfunction
- P0106 Manifold Absolute Pressure/Barometric Pressure Circuit Range/Performance Problem
- P0107 Manifold Absolute Pressure/Barometric Pressure Circuit Low Input
- P0108 Manifold Absolute Pressure/Barometric Pressure Circuit High Input
- P0109 Manifold Absolute Pressure/Barometric Pressure Circuit Intermittent
- P0109 Intake Air Temperature Circuit Malfunction
- P0111 Intake Air Temperature Circuit Range/Performance Problem
- P0112 Intake Air Temperature Circuit Low Input
- P0113 Intake Air Temperature Circuit High Input
- P0114 Intake Air Temperature Circuit Intermittent
- P0115 Engine Coolant Temperature Circuit Malfunction
- P0116 Engine Coolant Temperature Circuit Range/Performance Problem
- P0117 Engine Coolant Temperature Circuit Low Input
- P0118 Engine Coolant Temperature Circuit High Input
- P0119 Engine Coolant Temperature Circuit Intermittent
- P0120 Throttle Position Sensor/Switch A Circuit Malfunction
- P0121 Throttle Position Sensor/Switch A Circuit Range/Performance Problem
- P0122 Throttle Position Sensor/Switch A Circuit Low Input
- [P0123 Throttle Position Sensor/Switch A Circuit High Input](#)
- P0124 Throttle Position Sensor/Switch A Circuit Intermittent
- [P0125 Insufficient Coolant Temperature for Closed Loop Fuel Control](#)
- P0126 Insufficient Coolant Temperature for Stable Operation
- P0130 O2 Sensor Circuit Malfunction (Bank I Sensor 1)
- P0131 O2 Sensor Circuit Low Voltage (Bank I Sensor I)
- [P0132 O2 Sensor Circuit High Voltage \(Bank I Sensor 1\)](#)
- [P0133 O2 Sensor Circuit Slow Response \(Bank 1 Sensor 1\)](#)
- P0134 O2 Sensor Circuit No Activity Detected (Bank I Sensor 1)
- P0135 O2 Sensor Heater Circuit Malfunction (Bank 1 Sensor 1)
- P0136 O2 Sensor Circuit Malfunction (Bank I Sensor 2)
- P0137 O2 Sensor Circuit Low Voltage (Bank I Sensor 2)
- P0138 O2 Sensor Circuit High Voltage (Bank I Sensor 2)
- [P0139 O2 Sensor Circuit Slow Response \(Bank 1 Sensor 2\)](#)
- P0140 O2 Sensor Circuit No Activity Detected (Bank 1 Sensor 2)
- P0141 O2 Sensor Heater Circuit Malfunction (Bank 1 Sensor 2)
- P0142 O2 Sensor Circuit Malfunction (Bank I Sensor 3)
- P0143 O2 Sensor Circuit Low Voltage (Bank I Sensor 3)

- P0144 02 Sensor Circuit High Voltage (Bank I Sensor 3)
- P0145 02 Sensor Circuit Slow Response (Bank 1 Sensor 3)
- P0146 02 Sensor Circuit No Activity Detected (Bank I Sensor 3)
- P0147 02 Sensor Heater Circuit Malfunction (Bank I Sensor 3)
- P0150 02 Sensor Circuit Malfunction (Bank 2 Sensor I)
- P0151 02 Sensor Circuit Low Voltage (Bank 2 Sensor I)
- P0152 02 Sensor Circuit High Voltage (Bank 2 Sensor 1)
- [P0153 02 Sensor Circuit Slow Response \(Bank 2 Sensor 1\)](#)
- P0154 02 Sensor Circuit No Activity Detected (Bank 2 Sensor 1)
- P0155 02 Sensor Heater Circuit Malfunction (Bank 2 Sensor 1)
- P0156 02 Sensor Circuit Malfunction (Bank 2 Sensor 2)
- P0157 02 Sensor Circuit Low Voltage (Bank 2 Sensor 2)
- P0158 02 Sensor Circuit High Voltage (Bank 2 Sensor 2)
- [P0159 02 Sensor Circuit Slow Response \(Bank 2 Sensor 2\)](#)
- P0160 02 Sensor Circuit No Activity Detected (Bank 2 Sensor 2)
- P0161 02 Sensor Heater Circuit Malfunction (Bank 2 Sensor 2)
- P0162 02 Sensor Circuit Malfunction (Bank 2 Sensor 3)
- P0163 02 Sensor Circuit Low Voltage (Bank 2 Sensor 3)
- P0164 02 Sensor Circuit High Voltage (Bank 2 Sensor 3)
- P0165 02 Sensor Circuit Slow Response (Bank 2 Sensor 3)
- P0166 02 Sensor Circuit No Activity Detected (Bank 2 Sensor 3)
- P0167 02 Sensor Heater Circuit Malfunction (Bank 2 Sensor 3)
- P0170 Fuel Trim Malfunction (Bank 1)
- [P0171 System too Lean \(Bank 1\)](#)
- [P0172 System too Rich \(Bank 1\)](#)
- P0173 Fuel Trim Malfunction (Bank 2)
- [P0174 System too Lean \(Bank 2\)](#)
- [P0175 System too Rich \(Bank 2\)](#)
- P0176 Fuel Composition Sensor Circuit Malfunction
- P0177 Fuel Composition Sensor Circuit Range/Performance
- P0178 Fuel Composition Sensor Circuit Low Input
- P0179 Fuel Composition Sensor Circuit High Input
- P0180 Fuel Temperature Sensor A Circuit Malfunction
- P0181 Fuel Temperature Sensor A Circuit Range/Performance
- P0182 Fuel Temperature Sensor A Circuit Low Input
- P0183 Fuel Temperature Sensor A Circuit High Input
- P0184 Fuel Temperature Sensor A Circuit Intermittent
- P0185 Fuel Temperature Sensor B Circuit Malfunction
- P0186 Fuel Temperature Sensor B Circuit Range/Performance
- P0187 Fuel Temperature Sensor B Circuit Low Input
- P0188 Fuel Temperature Sensor B Circuit High Input
- P0189 Fuel Temperature Sensor B Circuit Intermittent
- P0190 Fuel Rail Pressure Sensor Circuit Malfunction
- P0191 Fuel Rail Pressure Sensor Circuit Range/Performance
- P0192 Fuel Rail Pressure Sensor Circuit Low Input
- P0193 Fuel Rail Pressure Sensor Circuit High Input
- P0194 Fuel Rail Pressure Sensor Circuit Intermittent
- P0195 Engine Oil Temperature Sensor Malfunction
- P0196 Engine Oil Temperature Sensor Range/Performance
- P0197 Engine Oil Temperature Sensor Low
- P0198 Engine Oil Temperature Sensor High
- P0199 Engine Oil Temperature Sensor Intermittent

## **DTC Codes - P0200-P0299 – Fuel and Air Metering (Injector Circuit)**

- P0200 Injector Circuit Malfunction

- P0201 Injector Circuit Malfunction - Cylinder 1
- P0202 Injector Circuit Malfunction - Cylinder 2
- P0203 Injector Circuit Malfunction - Cylinder 3
- P0204 Injector Circuit Malfunction - Cylinder 4
- P0205 Injector Circuit Malfunction - Cylinder 5
- P0206 Injector Circuit Malfunction - Cylinder 6
- P0207 Injector Circuit Malfunction - Cylinder 7
- P0208 Injector Circuit Malfunction - Cylinder 8
- P0209 Injector Circuit Malfunction - Cylinder 9
- P0210 Injector Circuit Malfunction - Cylinder 10
- P0211 Injector Circuit Malfunction - Cylinder 11
- P0212 Injector Circuit Malfunction - Cylinder 12
- P0213 Cold Start Injector 1 Malfunction
- P0214 Cold Start Injector 2 Malfunction
- P0215 Engine Shutoff Solenoid Malfunction
- P0216 Injection Timing Control Circuit Malfunction
- P0217 Engine Overtemp Condition
- P0218 Transmission Over Temperature Condition
- P0219 Engine Overspeed Condition
- P0220 Throttle/Petal Position Sensor/Switch B Circuit Malfunction
- P0221 Throttle/Petal Position Sensor/Switch B Circuit Range/Performance Problem
- P0222 Throttle/Petal Position Sensor/Switch B Circuit Low Input
- P0223 Throttle/Petal Position Sensor/Switch B Circuit High Input
- P0224 Throttle/Petal Position Sensor/Switch B Circuit Intermittent
- P0225 Throttle/Petal Position Sensor/Switch C Circuit Malfunction
- P0226 Throttle/Petal Position Sensor/Switch C Circuit Range/Performance Problem
- P0227 Throttle/Petal Position Sensor/Switch C Circuit Low Input
- P0228 Throttle/Petal Position Sensor/Switch C Circuit High Input
- P0229 Throttle/Petal Position Sensor/Switch C Circuit Intermittent
- P0230 Fuel Pump Primary Circuit Malfunction
- P0231 Fuel Pump Secondary Circuit Low
- P0232 Fuel Pump Secondary Circuit High
- P0233 Fuel Pump Secondary Circuit Intermittent
- P0234 Engine Overboost Condition
- P0235 Turbocharger Boost Sensor A Circuit Malfunction
- P0236 Turbocharger Boost Sensor A Circuit Range/Performance
- P0237 Turbocharger Boost Sensor A Circuit Low
- P0238 Turbocharger Boost Sensor A Circuit High
- P0239 Turbocharger Boost Sensor B Malfunction
- P0240 Turbocharger Boost Sensor B Circuit Range/Performance
- P0241 Turbocharger Boost Sensor B Circuit Low
- P0242 Turbocharger Boost Sensor B Circuit High
- P0243 Turbocharger Wastegate Solenoid A Malfunction
- P0244 Turbocharger Wastegate Solenoid A Range/Performance
- P0245 Turbocharger Wastegate Solenoid A Low
- P0246 Turbocharger Wastegate Solenoid A High
- P0247 Turbocharger Wastegate Solenoid B Malfunction
- P0248 Turbocharger Wastegate Solenoid B Range/Performance
- P0249 Turbocharger Wastegate Solenoid B Low
- P0250 Turbocharger Wastegate Solenoid B High
- P0251 Injection Pump Fuel Metering Control "A" Malfunction (Cam/Rotor/Injector)
- P0252 Injection Pump Fuel Metering Control "A" Range/Performance (Cam/Rotor/Injector)
- P0253 Injection Pump Fuel Metering Control "A" Low (Cam/Rotor/Injector)
- P0254 Injection Pump Fuel Metering Control "A" High (Cam/Rotor/Injector)



- P0255 Injection Pump Fuel Metering Control "A" Intermittent (Cam/Rotor/Injector)
- P0256 Injection Pump Fuel Metering Control "B" Malfunction (Cam/Rotor/Injector)
- P0257 Injection Pump Fuel Metering Control "B" Range/Performance Injector)
- P0258 Injection Pump Fuel Metering Control "B" Low (Cam/R
- P0259 Injection Pump Fuel Metering Control "B" High (Cam/R
- P0260 Injection Pump Fuel Metering Control "B" Intermittent Injector)
- P0261 Cylinder I Injector Circuit Low
- P0262 Cylinder I Injector Circuit High
- P0263 Cylinder I Contribution/Balance Fault
- P0264 Cylinder 2 Injector Circuit Low
- P0265 Cylinder 2 Injector Circuit High
- P0266 Cylinder 2 Contribution/Balance Fault
- P0267 Cylinder 3 Injector Circuit Low
- P0268 Cylinder 3 Injector Circuit High
- P0269 Cylinder 3 Contribution/Balance Fault
- P0270 Cylinder 4 Injector Circuit Low
- P0271 Cylinder 4 Injector Circuit High
- P0272 Cylinder 4 Contribution/Balance Fault
- P0273 Cylinder 5 Injector Circuit Low
- P0274 Cylinder 5 Injector Circuit High
- P0275 Cylinder 5 Contribution/Balance Fault
- P0276 Cylinder 6 Injector Circuit Low
- P0277 Cylinder 6 Injector Circuit High
- P0278 Cylinder 6 Contribution/Balance Fault
- P0279 Cylinder 7 Injector Circuit Low
- P0280 Cylinder 7 Injector Circuit High
- P0281 Cylinder 7 Contribution/Balance Fault
- P0282 Cylinder 8 Injector Circuit Low
- P0283 Cylinder 8 Injector Circuit High
- P0284 Cylinder 8 Contribution/Balance Fault
- P0285 Cylinder 9 Injector Circuit Low
- P0286 Cylinder 9 Injector Circuit High
- P0287 Cylinder 9 Contribution/Balance Fault
- P0288 Cylinder 10 Injector Circuit Low
- P0289 Cylinder 10 Injector Circuit High
- P0290 Cylinder 10 Contribution/Balance Fault
- P0291 Cylinder 11 Injector Circuit Low
- P0292 Cylinder 11 Injector Circuit High
- P0293 Cylinder 11 Contribution/Balance Fault
- P0294 Cylinder 12 Injector Circuit Low
- P0295 Cylinder 12 Injector Circuit High
- P0296 Cylinder 12 Contribution/Range Fault

## **DTC Codes - P0300-P0399 – Ignition System or Misfire**

- [P0300 Random/Multiple Cylinder Misfire Detected](#)
- [P0301 Cylinder 1 Misfire Detected](#)
- [P0302 Cylinder 2 Misfire Detected](#)
- [P0303 Cylinder 3 Misfire Detected](#)
- [P0304 Cylinder 4 Misfire Detected](#)
- [P0305 Cylinder 5 Misfire Detected](#)
- [P0306 Cylinder 6 Misfire Detected](#)
- [P0307 Cylinder 7 Misfire Detected](#)
- [P0308 Cylinder 8 Misfire Detected](#)
- [P0309 Cylinder 9 Misfire Detected](#)

- [P0310 Cylinder 10 Misfire Detected](#)
- [P0311 Cylinder 11 Misfire Detected](#)
- [P0312 Cylinder 12 Misfire Detected](#)
- P0320 Ignition/Distributor Engine Speed Input Circuit Malfunction
- P0321 Ignition/Distributor Engine Speed Input Circuit Range/Performance
- P0322 Ignition/Distributor Engine Speed Input Circuit No Signal
- P0323 Ignition/Distributor Engine Speed Input Circuit Intermittent
- [P0325 Knock Sensor 1 Circuit Malfunction \(Bank I or Single Sensor\)](#)
- P0326 Knock Sensor 1 Circuit Range/Performance (Bank 1 or Single Sensor)
- P0327 Knock Sensor 1 Circuit Low Input (Bank I or Single Sensor)
- P0328 Knock Sensor 1 Circuit High Input (Bank I or Single Sensor)
- P0329 Knock Sensor 1 Circuit Intermittent (Bank 1 or Single Sensor)
- P0330 Knock Sensor 2 Circuit Malfunction (Bank 2)
- P0331 Knock Sensor 2 Circuit Range/Performance (Bank 2)
- P0332 Knock Sensor 2 Circuit Low Input (Bank 2)
- P0333 Knock Sensor 2 Circuit High Input (Bank 2)
- P0334 Knock Sensor 2 Circuit Intermittent (Bank 2)
- P0335 Crankshaft Position Sensor A Circuit Malfunction
- P0336 Crankshaft Position Sensor A Circuit Range/Performance
- P0337 Crankshaft Position Sensor A Circuit Low Input
- P0338 Crankshaft Position Sensor A Circuit High Input
- P0339 Crankshaft Position Sensor A Circuit Intermittent
- P0340 Camshaft Position Sensor Circuit Malfunction
- P0341 Camshaft Position Sensor Circuit Range/Performance
- P0342 Camshaft Position Sensor Circuit Low Input
- P0343 Camshaft Position Sensor Circuit High Input
- P0344 Camshaft Position Sensor Circuit Intermittent
- P0350 Ignition Coil Primary/Secondary Circuit Malfunction
- P0351 Ignition Coil A Primary/Secondary Circuit Malfunction
- P0352 Ignition Coil B Primary/Secondary Circuit Malfunction
- P0353 Ignition Coil C Primary/Secondary Circuit Malfunction
- P0354 Ignition Coil D Primary/Secondary Circuit Malfunction
- P0355 Ignition Coil E Primary/Secondary Circuit Malfunction
- P0356 Ignition Coil F Primary/Secondary Circuit Malfunction
- P0357 Ignition Coil G Primary/Secondary Circuit Malfunction
- P0358 Ignition Coil H Primary/Secondary Circuit Malfunction
- P0359 Ignition Coil I Primary/Secondary Circuit Malfunction
- P0360 Ignition Coil J Primary/Secondary Circuit Malfunction
- P0361 Ignition Coil K Primary/Secondary Circuit Malfunction
- P0362 Ignition Coil L Primary/Secondary Circuit Malfunction
- P0370 Timing Reference High Resolution Signal A Malfunction
- P0371 Timing Reference High Resolution Signal A Too Many Pulses
- P0372 Timing Reference High Resolution Signal A Too Few Pulses
- P0373 Timing Reference High Resolution Signal A Intermittent/Erratic Pulses
- P0374 Timing Reference High Resolution Signal A No Pulses
- P0375 Timing Reference High Resolution Signal B Malfunction
- P0376 Timing Reference High Resolution Signal B Too Many Pulses
- P0377 Timing Reference High Resolution Signal B Too Few Pulses
- P0378 Timing Reference High Resolution Signal B Intermittent/Erratic Pulses
- P0379 Timing Reference High Resolution Signal B No Pulses
- P0380 Glow Plug/Heater Circuit "A" Malfunction
- P0381 Glow Plug/Heater Indicator Circuit Malfunction
- P0382 Exhaust Gas Recirculation Flow Malfunction
- P0385 Crankshaft Position Sensor B Circuit Malfunction
- P0386 Crankshaft Position Sensor B Circuit Range/Performance
- P0387 Crankshaft Position Sensor B Circuit Low Input
- P0388 Crankshaft Position Sensor B Circuit High Input
- P0389 Crankshaft Position Sensor B Circuit Intermittent

## **DTC Codes - P0400-P0499 – Auxiliary Emissions Controls**

- P0400 Exhaust Gas Recirculation Flow Malfunction
- [P0401 Exhaust Gas Recirculation Flow Insufficient Detected](#)
- [P0402 Exhaust Gas Recirculation Flow Excessive Detected](#)
- P0403 Exhaust Gas Recirculation Circuit Malfunction
- P0404 Exhaust Gas Recirculation Circuit Range/Performance
- P0405 Exhaust Gas Recirculation Sensor A Circuit Low
- P0406 Exhaust Gas Recirculation Sensor A Circuit High
- P0407 Exhaust Gas Recirculation Sensor B Circuit Low
- P0408 Exhaust Gas Recirculation Sensor B Circuit High
- P0410 Secondary Air Injection System Malfunction
- P0411 Secondary Air Injection System Incorrect Flow Detected
- P0412 Secondary Air Injection System Switching Valve A Circuit Malfunction
- P0413 Secondary Air Injection System Switching Valve A Circuit Open
- P0414 Secondary Air Injection System Switching Valve A Circuit Shorted
- P0415 Secondary Air Injection System Switching Valve B Circuit Malfunction
- P0416 Secondary Air Injection System Switching Valve B Circuit Open
- P0417 Secondary Air Injection System Switching Valve B Circuit Shorted
- P0418 Secondary Air Injection System Relay 'A' Circuit Malfunction
- P0419 Secondary Air Injection System Relay 'B' Circuit Malfunction
- [P0420 Catalyst System Efficiency Below Threshold \(Bank 1\)](#)
- [P0421 Warm Up Catalyst Efficiency Below Threshold \(Bank 1\)](#)
- P0422 Main Catalyst Efficiency Below Threshold (Bank 1)
- P0423 Heated Catalyst Efficiency Below Threshold (Bank 1)
- P0424 Heated Catalyst Temperature Below Threshold (Bank 1)
- [P0430 Catalyst System Efficiency Below Threshold \(Bank 2\)](#)
- [P0431 Warm Up Catalyst Efficiency Below Threshold \(Bank 2\)](#)
- P0432 Main Catalyst Efficiency Below Threshold (Bank 2)
- P0433 Heated Catalyst Efficiency Below Threshold (Bank 2)
- P0434 Heated Catalyst Temperature Below Threshold (Bank 2)
- [P0440 Evaporative Emission Control System Malfunction](#)
- P0441 Evaporative Emission Control System Incorrect Purge Flow
- [P0442 Evaporative Emission Control System Leak Detected \(small leak\)](#)
- P0443 Evaporative Emission Control System Purge Control Valve Circuit
- P0444 Evaporative Emission Control System Purge Control Valve Circuit
- P0445 Evaporative Emission Control System Purge Control Valve Circuit Shorted
- P0446 Evaporative Emission Control System Vent Control Circuit Malfunction
- P0447 Evaporative Emission Control System Vent Control Circuit Open
- P0448 Evaporative Emission Control System Vent Control Circuit Shorted
- P0449 Evaporative Emission Control System Vent Valve/Solenoid Circuit Malfunction
- P0450 Evaporative Emission Control System Pressure Sensor Malfunction
- P0451 Evaporative Emission Control System Pressure Sensor Range/Performance
- P0452 Evaporative Emission Control System Pressure Sensor Low Input
- P0453 Evaporative Emission Control System Pressure Sensor High Input
- P0454 Evaporative Emission Control System Pressure Sensor Intermittent
- [P0455 Evaporative Emission Control System Leak Detected \(gross leak\)](#)
- P0460 Fuel Level Sensor Circuit Malfunction
- P0461 Fuel Level Sensor Circuit Range/Performance
- P0462 Fuel Level Sensor Circuit Low Input
- P0463 Fuel Level Sensor Circuit High Input
- P0464 Fuel Level Sensor Circuit Intermittent
- P0465 Purge Flow Sensor Circuit Malfunction
- P0466 Purge Flow Sensor Circuit Range/Performance

- P0467 Purge Flow Sensor Circuit Low Input
- P0468 Purge Flow Sensor Circuit High Input
- P0469 Purge Flow Sensor Circuit Intermittent
- P0470 Exhaust Pressure Sensor Malfunction
- P0471 Exhaust Pressure Sensor Range/Performance
- P0472 Exhaust Pressure Sensor Low
- P0473 Exhaust Pressure Sensor High
- P0474 Exhaust Pressure Sensor Intermittent
- P0475 Exhaust Pressure Control Valve Malfunction
- P0476 Exhaust Pressure Control Valve Range/Performance
- P0477 Exhaust Pressure Control Valve Low
- P0478 Exhaust Pressure Control Valve High
- P0479 Exhaust Pressure Control Valve Intermittent
- P0480 Cooling Fan I Control Circuit Malfunction
- P0481 Cooling Fan 2 Control Circuit Malfunction
- P0482 Cooling Fan 3 Control Circuit Malfunction
- P0483 Cooling Fan Rationality Check Malfunction
- P0484 Cooling Fan Circuit Over Current
- P0485 Cooling Fan Power/Ground Circuit Malfunction

## **DTC Codes - P0500-P0599 – Vehicle Speed Controls and Idle Control System**

- [P0500 Vehicle Speed Sensor Malfunction](#)
- P0501 Vehicle Speed Sensor Range/Performance
- P0502 Vehicle Speed Sensor Low Input
- P0503 Vehicle Speed Sensor Intermittent/Erratic/High
- P0505 Idle Control System Malfunction
- P0506 Idle Control System RPM Lower Than Expected
- P0507 Idle Control System RPM Higher Than Expected
- P0510 Closed Throttle Position Switch Malfunction
- P0520 Engine Oil Pressure Sensor/Switch Circuit Malfunction
- P0521 Engine Oil Pressure Sensor/Switch Circuit Range/Performance
- P0522 Engine Oil Pressure Sensor/Switch Circuit Low Voltage
- P0523 Engine Oil Pressure Sensor/Switch Circuit High Voltage
- P0530 A/C Refrigerant Pressure Sensor Circuit Malfunction
- P0531 A/C Refrigerant Pressure Sensor Circuit Range/Performance
- P0532 A/C Refrigerant Pressure Sensor Circuit Low Input
- P0533 A/C Refrigerant Pressure Sensor Circuit High Input
- P0534 Air Conditioner Refrigerant Charge Loss
- P0550 Power Steering Pressure Sensor Circuit Malfunction
- P0551 Power Steering Pressure Sensor Circuit Range/Performance
- P0552 Power Steering Pressure Sensor Circuit Low Input
- P0553 Power Steering Pressure Sensor Circuit High Input
- P0554 Power Steering Pressure Sensor Circuit Intermittent
- P0560 System Voltage Malfunction
- P0561 System Voltage Unstable
- P0562 System Voltage Low
- P0563 System Voltage High
- P0565 Cruise Control On Signal Malfunction
- P0566 Cruise Control Off Signal Malfunction
- P0567 Cruise Control Resume Signal Malfunction
- P0568 Cruise Control Set Signal Malfunction
- P0569 Cruise Control Coast Signal Malfunction
- P0570 Cruise Control Accel Signal Malfunction
- P0571 Cruise Control/Brake Switch A Circuit Malfunction
- P0572 Cruise Control/Brake Switch A Circuit Low

- P0573 Cruise Control/Brake Switch A Circuit High
- P0574 Cruise Control Related Malfunction
- P0575 Cruise Control Related Malfunction
- P0576 Cruise Control Related Malfunction
- P0576 Cruise Control Related Malfunction
- P0578 Cruise Control Related Malfunction
- P0579 Cruise Control Related Malfunction
- P0580 Cruise Control Related Malfunction

## **DTC Codes - P0600-P0699 – Computer Output Circuit**

- P0600 Serial Communication Link Malfunction
- P0601 Internal Control Module Memory Check Sum Error
- P0602 Control Module Programming Error
- P0603 Internal Control Module Keep Alive Memory (KAM) Error
- P0604 Internal Control Module Random Access Memory (RAM) Error
- P0605 Internal Control Module Read Only Memory (ROM) Error
- P0606 PCM Processor Fault
- P0608 Control Module VSS Output "A" Malfunction
- P0609 Control Module VSS Output "B" Malfunction
- P0620 Generator Control Circuit Malfunction
- P0621 Generator Lamp "L" Control Circuit Malfunction
- P0622 Generator Field "F" Control Circuit Malfunction
- P0650 Malfunction Indicator Lamp (MIL) Control Circuit Malfunction
- P0654 Engine RPM Output Circuit Malfunction
- P0655 Engine Hot Lamp Output Control Circuit Malfunction
- P0656 Fuel Level Output Circuit Malfunction

## **DTC Codes - P0700-P0899 – Transmission**

- P0700 Transmission Control System Malfunction
- P0701 Transmission Control System Range/Performance
- P0702 Transmission Control System Electrical
- P0703 Torque Converter/Brake Switch B Circuit Malfunction
- P0704 Clutch Switch Input Circuit Malfunction
- P0705 Transmission Range Sensor Circuit malfunction (PRNDL Input)
- P0706 Transmission Range Sensor Circuit Range/Performance
- P0707 Transmission Range Sensor Circuit Low Input
- P0708 Transmission Range Sensor Circuit High Input
- P0709 Transmission Range Sensor Circuit Intermittent
- P0710 Transmission Fluid Temperature Sensor Circuit Malfunction
- P0711 Transmission Fluid Temperature Sensor Circuit Range/Performance
- P0712 Transmission Fluid Temperature Sensor Circuit Low Input
- P0713 Transmission Fluid Temperature Sensor Circuit High Input
- P0714 Transmission Fluid Temperature Sensor Circuit Intermittent
- P0715 Input/Turbine Speed Sensor Circuit Malfunction
- P0716 Input/Turbine Speed Sensor Circuit Range/Performance
- P0717 Input/Turbine Speed Sensor Circuit No Signal
- P0718 Input/Turbine Speed Sensor Circuit Intermittent
- P0719 Torque Converter/Brake Switch B Circuit Low
- P0720 Output Speed Sensor Circuit Malfunction
- P0721 Output Speed Sensor Range/Performance
- P0722 Output Speed Sensor No Signal
- P0723 Output Speed Sensor Intermittent
- P0724 Torque Converter/Brake Switch B Circuit High
- P0725 Engine Speed input Circuit Malfunction

- P0726 Engine Speed Input Circuit Range/Performance
- P0727 Engine Speed Input Circuit No Signal
- P0728 Engine Speed Input Circuit Intermittent
- P0730 Incorrect Gear Ratio
- P0731 Gear 1 Incorrect ratio
- P0732 Gear 2 Incorrect ratio
- P0733 Gear 3 Incorrect ratio
- P0734 Gear 4 Incorrect ratio
- P0735 Gear 5 Incorrect ratio
- P0736 Reverse incorrect gear ratio
- P0740 Torque Converter Clutch Circuit Malfunction
- P0741 Torque Converter Clutch Circuit Performance or Stuck Off
- P0742 Torque Converter Clutch Circuit Stuck On
- P0743 Torque Converter Clutch Circuit Electrical
- P0744 Torque Converter Clutch Circuit Intermittent
- P0745 Pressure Control Solenoid Malfunction
- P0746 Pressure Control Solenoid Performance or Stuck Off
- P0747 Pressure Control Solenoid Stuck On
- P0748 Pressure Control Solenoid Electrical
- P0749 Pressure Control Solenoid Intermittent
- P0750 Shift Solenoid A Malfunction
- P0751 Shift Solenoid A Performance or Stuck Off
- P0752 Shift Solenoid A Stuck On
- P0753 Shift Solenoid A Electrical
- P0754 Shift Solenoid A Intermittent
- P0755 Shift Solenoid B Malfunction
- P0756 Shift Solenoid B Performance or Stuck Off
- P0757 Shift Solenoid B Stuck On
- P0758 Shift Solenoid B Electrical
- P0759 Shift Solenoid B Intermittent
- P0760 Shift Solenoid C Malfunction
- P0761 Shift Solenoid C Performance or Stuck Off
- P0762 Shift Solenoid C Stuck On
- P0763 Shift Solenoid C Electrical
- P0764 Shift Solenoid C Intermittent
- P0765 Shift Solenoid D Malfunction
- P0766 Shift Solenoid D Performance or Stuck Off
- P0767 Shift Solenoid D Stuck On
- P0768 Shift Solenoid D Electrical
- P0769 Shift Solenoid D Intermittent
- P0770 Shift Solenoid E Malfunction
- P0771 Shift Solenoid E Performance or Stuck Off
- P0772 Shift Solenoid E Stuck On
- P0773 Shift Solenoid E Electrical
- P0774 Shift Solenoid E Intermittent
- P0780 Shift Malfunction
- P0781 1-2 Shift Malfunction
- P0782 2-3 Shift Malfunction
- P0783 3-4 Shift Malfunction
- P0784 4-5 Shift Malfunction
- P0785 Shift/Timing Solenoid Malfunction
- P0786 Shift/Timing Solenoid Range/Performance
- P0787 Shift/Timing Solenoid Low
- P0788 Shift/Timing Solenoid High
- P0789 Shift/Timing Solenoid Intermittent
- P0790 Normal/Performance Switch Circuit Malfunction
- P0801 Reverse Inhibit Control Circuit Malfunction
- P0803 1-4 Upshift (Skip Shift) Solenoid Control Circuit Malfunction

- P0804 1-4 Upshift (Skip Shift) Lamp Control Circuit Malfunction

## B - OBD2 Body Codes

See also: [Generic OBD-II P Powertrain Codes](#) & [Generic OBD-II U Network Codes](#)

Note: I believe these are GM codes, but they may be generic codes. I will attempt to get clarification on the matter.

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

B1242	Air Flow Recirculation Door Driver Circuit Failure
B1243	Express Window Down Switch Circuit Short to Battery
B1244	Wiper Rear Motor Run Relay Circuit Failure
B1245	Wiper Rear Motor Run Relay Circuit Short to Battery
B1246	Dim Panel Potentiometer Switch Circuit Failure
B1247	Panel Dim Switch Circuit Open
B1248	Passenger's Seatback Autoglide Rearward Switch Circuit Short to Ground
B1249	Blend Door Failure
B1250	Air Temperature Internal Sensor Circuit Failure
B1251	Air Temperature Internal Sensor Circuit Open
B1252	Air Temperature Internal Sensor Circuit Short To Battery
B1253	Air Temperature Internal Sensor Circuit Short To Ground
B1254	Air Temperature External Sensor Circuit Failure
B1255	Air Temperature External Sensor Circuit Open
B1256	Air Temperature External Sensor Circuit Short To Battery
B1257	Air Temperature External Sensor Circuit Short To Ground
B1258	Solar Radiation Sensor Circuit Failure
B1259	Solar Radiation Sensor Circuit Open
B1260	Solar Radiation Sensor Circuit Short To Battery
B1261	Solar Radiation Sensor Circuit Short To Ground
B1262	Servo Motor Defrost Circuit Failure
B1263	Servo Motor Vent Circuit Failure
B1264	Servo Motor Foot Circuit Failure
B1265	Servo Motor Coolair Bypass Circuit Failure
B1266	Servo Motor Airintake Left Circuit Failure
B1267	Servo Motor Airintake Right Circuit Failure
B1268	Servo Motor Potentiometer Defrost Circuit Failure
B1269	Servo Motor Potentiometer Defrost Circuit Open
B1270	Servo Motor Potentiometer Defrost Circuit Short To Battery
B1271	Servo Motor Potentiometer Defrost Circuit Short To Ground
B1272	Servo Motor Potentiometer Vent Circuit Failure
B1273	Servo Motor Potentiometer Vent Circuit Open
B1274	Servo Motor Potentiometer Vent Circuit Short To Battery
B1275	Servo Motor Potentiometer Vent Circuit Short To Ground
B1276	Servo Motor Potentiometer Foot Circuit Failure
B1277	Servo Motor Potentiometer Foot Circuit Open
B1278	Servo Motor Potentiometer Foot Circuit Short To Battery
B1279	Servo Motor Potentiometer Foot Circuit Short To Ground
B1280	Servo Motor Potentiometer Coolair Circuit Failure
B1281	Servo Motor Potentiometer Coolair Circuit Open
B1282	Servo Motor Potentiometer Coolair Circuit Short To Battery
B1283	Servo Motor Potentiometer Coolair Circuit Short To Ground
B1284	Servo Motor Potentiometer Airintake Left Circuit Failure
B1285	Servo Motor Potentiometer Airintake Left Circuit Open
B1286	Servo Motor Potentiometer Airintake Left Circuit Short To Battery
B1287	Servo Motor Potentiometer Airintake Left Circuit Short To Ground
B1288	Servo Motor Potentiometer Airintake Right Circuit Failure
B1289	Servo Motor Potentiometer Airintake Right Circuit Open
B1290	Servo Motor Potentiometer Airintake Right Circuit Short To Battery
B1291	Servo Motor Potentiometer Airintake Right Circuit Short To Ground
B1292	Battery Power Relay Circuit Failure
B1293	Battery Power Relay Circuit Open
B1294	Battery Power Relay Circuit Short To Battery
B1295	Battery Power Relay Circuit Short To Ground
B1296	Power Supply Sensor Circuit Failure
B1297	Power Supply Sensor Circuit Open



B1298	Power Supply Sensor Circuit Short To Battery
B1299	Power Supply Sensor Circuit Short To Ground
B1300	Power Door Lock Circuit Failure
B1301	Power Door Lock Circuit Open
B1302	Accessory Delay Relay Coil Circuit Failure
B1303	Accessory Delay Relay Coil Circuit Open
B1304	Accessory Delay Relay Coil Circuit Short To Battery
B1305	Accessory Delay Relay Coil Circuit Short To Ground
B1306	Oil Level Switch Circuit Open
B1307	Oil Level Switch Circuit Short To Battery
B1308	Oil Level Switch Circuit Short To Ground
B1309	Power Door Lock Circuit Short To Ground
B1310	Power Door Unlock Circuit Failure
B1311	Power Door Unlock Circuit Open
B1312	Lamp Headlamp Input Circuit Short To Battery
B1313	Battery Saver Relay Coil Circuit Failure
B1314	Battery Saver Relay Coil Circuit Open
B1315	Battery Saver Relay Coil Circuit Short To Battery
B1316	Battery Saver Relay Coil Circuit Short To Ground
B1317	Battery Voltage High
B1318	Battery Voltage Low
B1319	Driver Door Ajar Circuit Failure
B1320	Driver Door Ajar Circuit Open
B1321	Driver Door Ajar Circuit Short To Battery
B1322	Driver Door Ajar Circuit Short To Ground
B1323	Door Ajar Lamp Circuit Failure
B1324	Door Ajar Lamp Circuit Open
B1325	Door Ajar Lamp Circuit Short To Battery
B1326	Door Ajar Lamp Circuit Short To Ground
B1327	Passenger Door Ajar Circuit Failure
B1328	Passenger Door Ajar Circuit Open
B1329	Passenger Door Ajar Circuit Short To Battery
B1330	Passenger Door Ajar Circuit Short To Ground
B1331	Decklid Ajar Rear Door Circuit Failure
B1332	Decklid Ajar Rear Door Circuit Open
B1333	Decklid Ajar Rear Door Circuit Short To Battery
B1334	Decklid Ajar Rear Door Circuit Short To Ground
B1335	Door Ajar RR Circuit Failure
B1336	Door Ajar RR Circuit Open
B1337	Door Ajar RR Circuit Short To Battery
B1338	Door Ajar RR Circuit Short To Ground
B1339	Chime Input Request Circuit Short To Battery
B1340	Chime Input Request Circuit Short To Ground
B1341	Power Door Unlock Circuit Short To Ground
B1342	ECU Is Defective
B1343	Heated Backlite Input Circuit Failure
B1344	Heated Backlite Input Circuit Open
B1345	Heated Backlite Input Circuit Short To Ground
B1346	Heated Backlite Input Circuit Short To Battery
B1347	Heated Backlite Relay Circuit Failure
B1348	Heated Backlite Relay Circuit Open
B1349	Heated Backlite Relay Short To Battery
B1350	Heated Backlite Relay Short To Ground
B1351	Ignition Key-In Circuit Short To Battery
B1352	Ignition Key-In Circuit Failure
B1353	Ignition Key-In Circuit Open
B1354	Ignition Key-In Circuit Short To Ground

B1355	Ignition Run Circuit Failure
B1356	Ignition Run Circuit Open
B1357	Ignition Run Circuit Short To Battery
B1358	Ignition Run Circuit Short To Ground
B1359	Ignition Run/Acc Circuit Failure
B1360	Ignition Run/Acc Circuit Open
B1361	Ignition Run/Acc Circuit Short To Battery
B1362	Ignition Run/Acc Circuit Short To Ground
B1363	Ignition Start Circuit Failure
B1364	Ignition Start Circuit Open
B1365	Ignition Start Circuit Short To Battery
B1366	Ignition Start Circuit Short To Ground
B1367	Ignition Tach Circuit Failure
B1368	Ignition Tach Circuit Open
B1369	Ignition Tach Circuit Short To Battery
B1370	Ignition Tach Circuit Short To Ground
B1371	Illuminated Entry Relay Circuit Failure
B1372	Illuminated Entry Relay Circuit Open
B1373	Illuminated Entry Relay Short To Battery
B1374	Illuminated Entry Relay Short To Ground
B1375	Oil Change Lamp Circuit Open
B1376	Oil Change Lamp Circuit Short To Battery
B1377	Oil Change Lamp Circuit Failure
B1378	Oil Change Lamp Circuit Short To Ground
B1379	Oil Change Reset Button Circuit Short To Ground
B1380	Oil Change Reset Button Circuit Failure
B1381	Oil Change Reset Button Circuit Open
B1382	Oil Change Reset Button Circuit Short To Battery
B1383	Oil Level Lamp Circuit Short To Battery
B1384	Oil Level Lamp Circuit Failure
B1385	Oil Level Lamp Circuit Open
B1386	Oil Level Lamp Circuit Short To Ground
B1387	Oil Temperature Sensor Circuit Open
B1388	Oil Temperature Sensor Circuit Short To Battery
B1389	Oil Temperature Sensor Circuit Failure
B1390	Oil Temperature Sensor Circuit Short To Ground
B1391	Oil Level Switch Circuit Failure
B1392	Power Door Memory Lock Relay Circuit Failure
B1393	Power Door Memory Lock Relay Circuit Open
B1394	Power Door Memory Lock Relay Circuit Short To Battery
B1395	Power Door Memory Lock Relay Circuit Short To Ground
B1396	Power Door Lock Circuit Short To Battery
B1397	Power Door Unlock Circuit Short To Battery
B1398	Driver Power Window One Touch Window Relay Circuit Failure
B1399	Driver Power Window One Touch Window Relay Circuit Open
B1400	Driver Power Window One Touch Window Relay Circuit Short To Battery
B1401	Driver Power Window One Touch Window Relay Circuit Short To Ground
B1402	Driver Power Window Down Switch Circuit Failure
B1403	Driver Power Window Up Switch Circuit Failure
B1404	Driver Power Window Down Circuit Open
B1405	Driver Power Window Down Circuit Short To Battery
B1406	Driver Power Window Down Circuit Short To Ground
B1407	Driver Power Window Up Circuit Open
B1408	Driver Power Window Up Circuit Short To Battery
B1409	Driver Power Window Up Circuit Short To Ground
B1410	Driver Power Window Motor Circuit Failure

B1411	Driver Power Window Motor Circuit Open
B1412	Driver Power Window Motor Circuit Short To Battery
B1413	Driver Power Window Motor Circuit Short To Ground
B1414	Power Window LR Motor Circuit Failure
B1415	Power Window LR Motor Circuit Open
B1416	Power Window LR Motor Circuit Short To Battery
B1417	Power Window LR Motor Circuit Short To Ground
B1418	Passenger Power Window Motor Circuit Failure
B1419	Passenger Power Window Motor Circuit Open
B1420	Passenger Power Window Motor Circuit Short To Battery
B1421	Passenger Power Window Motor Circuit Short To Ground
B1422	Power Window RR Motor Circuit Failure
B1423	Power Window RR Motor Circuit Open
B1424	Power Window RR Motor Circuit Short To Battery
B1425	Power Window RR Motor Circuit Short To Ground
B1426	Lamp Seat Belt Circuit Short To Battery
B1427	Lamp Seat Belt Circuit Open
B1428	Lamp Seat Belt Circuit Failure
B1429	Lamp Seat Belt Circuit Short To Ground
B1430	Seat Belt Switch Circuit Short To Ground
B1431	Wiper Brake/Run Relay Circuit Failure
B1432	Wiper Brake/Run Relay Circuit Short To Battery
B1433	Wiper Brake/Run Relay Circuit Short To Ground
B1434	Wiper Hi/Low Speed Relay Coil Circuit Failure
B1435	Wiper Hi/Low Speed Relay Coil Circuit Open
B1436	Wiper Hi/Low Speed Relay Coil Circuit Short To Battery
B1437	Wiper Hi/Low Speed Relay Coil Circuit Short To Ground
B1438	Wiper Mode Select Switch Circuit Failure
B1439	Wiper Mode Select Switch Circuit Open
B1440	Wiper Mode Select Switch Circuit Short To Battery
B1441	Wiper Mode Select Switch Circuit Short To Ground
B1442	Door Handle Switch Circuit Failure
B1443	Door Handle Switch Circuit Open
B1444	Door Handle Switch Circuit Short To Battery
B1445	Door Handle Switch Circuit Short To Ground
B1446	Wiper Park Sense Circuit Failure
B1447	Wiper Park Sense Circuit Open
B1448	Wiper Park Sense Circuit Short To Battery
B1449	Wiper Park Sense Circuit Short To Ground
B1450	Wiper Wash/Delay Switch Circuit Failure
B1451	Wiper Wash/Delay Switch Circuit Open
B1452	Wiper Wash/Delay Switch Circuit Short To Battery
B1453	Wiper Wash/Delay Switch Circuit Short To Ground
B1454	Wiper Washer Fluid Lamp Circuit Failure
B1455	Wiper Washer Fluid Lamp Circuit Open
B1456	Wiper Washer Fluid Lamp Circuit Short To Battery
B1457	Wiper Washer Fluid Lamp Circuit Short To Ground
B1458	Wiper Washer Pump Motor Relay Circuit Failure
B1459	Wiper Washer Pump Motor Relay Coil Circuit Open
B1460	Wiper Washer Pump Motor Relay Coil Circuit Short To Battery
B1461	Wiper Washer Pump Motor Relay Coil Circuit Short To Ground
B1462	Seat Belt Switch Circuit Failure
B1463	Seat Belt Switch Circuit Open
B1464	Seat Belt Switch Circuit Short To Battery
B1465	Wiper Brake/Run Relay Circuit Open
B1466	Wiper Hi/Low Speed Not Switching
B1467	Wiper Hi/Low Speed Circuit Motor Short To Battery

B1468	Chime Input Request Circuit Failure
B1469	Chime Input Request Circuit Open
B1470	Lamp Headlamp Input Circuit Failure
B1471	Lamp Headlamp Input Circuit Open
B1472	Lamp Headlamp Input Circuit Short To Ground
B1473	Wiper Low Speed Circuit Motor Failure
B1474	Battery Saver Power Relay Circuit Short To Battery
B1475	Accessory Delay Relay Contact Short To Battery
B1476	Wiper High Speed Circuit Motor Failure
B1477	Wiper Hi/Low Circuit Motor Short To Ground
B1478	Power Window One Touch Up/Down Activated Simultaneously
B1479	Wiper Washer Fluid Level Sensor Circuit Failure
B1480	Wiper Washer Fluid Level Sensor Circuit Open
B1481	Wiper Washer Fluid Level Sensor Circuit Short To Battery
B1482	Wiper Washer Fluid Level Sensor Circuit Short To Ground
B1483	Brake Pedal Input Circuit Failure
B1484	Brake Pedal Input Open Circuit
B1485	Brake Pedal Input Circuit Battery Short
B1486	Brake Pedal Input Circuit Ground Short
B1487	Door Handle Right Front Circuit Failure
B1488	Door Handle Right Front Circuit Open
B1489	Door Handle Right Front Short To Battery
B1490	Door Handle Right Front Short To Ground
B1491	Ignition Cylinder Sensor Circuit Failure
B1492	Ignition Cylinder Sensor Open Circuit
B1493	Ignition Cylinder Sensor Battery Short
B1494	Ignition Cylinder Sensor Ground Short
B1495	Decklid Punch-Out Sensor Circuit Failure
B1496	Decklid Punch-Out Sensor Open Circuit
B1497	Decklid Punch-Out Sensor Battery Short
B1498	Decklid Punch-Out Sensor Ground Short
B1499	Lamp Turn Signal Left Circuit Failure
B1500	Lamp Turn Signal Left Circuit Open
B1501	Lamp Turn Signal Left Circuit Short To Battery
B1502	Lamp Turn Signal Left Circuit Short To Ground
B1503	Lamp Turn Signal Right Circuit Failure
B1504	Lamp Turn Signal Right Circuit Open
B1505	Lamp Turn Signal Right Circuit Short To Battery
B1506	Lamp Turn Signal Right Circuit Short To Ground
B1507	Flash To Pass Switch Circuit Failure
B1508	Flash To Pass Switch Circuit Open
B1509	Flash To Pass Switch Circuit Short To Battery
B1510	Flash To Pass Switch Circuit Short To Ground
B1511	Driver Door Handle Circuit Failure
B1512	Driver Door Handle Circuit Open
B1513	Driver Door Handle Circuit Short To Battery
B1514	Driver Door Handle Circuit Short To Ground
B1515	Seat Driver Occupied Switch Circuit Failure
B1516	Seat Driver Occupied Switch Circuit Open
B1517	Seat Driver Occupied Switch Circuit Short To Battery
B1518	Seat Driver Occupied Switch Circuit Short To Ground
B1519	Hood Switch Circuit Failure
B1520	Hood Switch Circuit Open
B1521	Hood Switch Circuit Short To Battery
B1522	Hood Switch Circuit Short To Ground
B1523	Keyless Entry Circuit Failure
B1524	Keyless Entry Circuit Open

B1525	Keyless Entry Circuit Short To Battery
B1526	Keyless Entry Circuit Short To Ground
B1527	Memory Set Switch Circuit Failure
B1528	Memory Set Switch Circuit Open
B1529	Memory Set Switch Circuit Short To Battery
B1530	Memory Set Switch Circuit Short To Ground
B1531	Memory 1 Switch Circuit Failure
B1532	Memory 1 Switch Circuit Open
B1533	Memory 1 Switch Circuit Short To Battery
B1534	Memory 1 Switch Circuit Short To Ground
B1535	Memory 2 Switch Circuit Failure
B1536	Memory 2 Switch Circuit Open
B1537	Memory 2 Switch Circuit Short To Battery
B1538	Memory 2 Switch Circuit Short To Ground
B1539	Mirror Driver Switch Assembly Circuit Failure
B1540	Mirror Driver Switch Assembly Circuit Open
B1541	Mirror Driver Switch Assembly Circuit Short To Battery
B1542	Mirror Driver Switch Assembly Circuit Short To Ground
B1543	Seat Direction Switch Assembly Circuit Failure
B1544	Seat Direction Switch Assembly Circuit Open
B1545	Seat Direction Switch Assembly Circuit Short To Battery
B1546	Seat Direction Switch Assembly Circuit Short To Ground
B1547	Power Window Master Circuit Failure
B1548	Power Window Master Circuit Open
B1549	Power Window Master Circuit Short To Battery
B1550	Power Window Master Circuit Short To Ground
B1551	Decklid Release Circuit Failure
B1552	Decklid Release Circuit Open
B1553	Decklid Release Circuit Short To Battery
B1554	Decklid Release Circuit Short To Ground
B1555	Ignition Run/Start Circuit Failure
B1556	Ignition Run/Start Circuit Open
B1557	Ignition Run/Start Circuit Short To Battery
B1558	Ignition Run/Start Circuit Short To Ground
B1559	Door Lock Cylinder Circuit Failure
B1560	Door Lock Cylinder Circuit Open
B1561	Door Lock Cylinder Circuit Short To Battery
B1562	Door Lock Cylinder Circuit Short To Ground
B1563	Door Ajar Circuit Failure
B1564	Door Ajar Circuit Open
B1565	Door Ajar Circuit Short To Battery
B1566	Door Ajar Circuit Short To Ground
B1567	Lamp Headlamp High-Beam Circuit Failure
B1568	Lamp Headlamp High-Beam Circuit Open
B1569	Lamp Headlamp High-Beam Circuit Short To Battery
B1570	Lamp Headlamp High-Beam Circuit Short To Ground
B1571	Door Ajar LR Circuit Failure
B1572	Door Ajar LR Circuit Open
B1573	Door Ajar LR Circuit Short To Battery
B1574	Door Ajar LR Circuit Short To Ground
B1575	Lamp Park Input Circuit Failure
B1576	Lamp Park Input Circuit Open
B1577	Lamp Park Input Circuit Short To Battery
B1578	Lamp Park Input Circuit Short To Ground
B1579	Dim Panel Increase Input Circuit Failure
B1580	Dim Panel Increase Input Circuit Open
B1581	Dim Panel Increase Input Circuit Short To Battery

B1582	Dim Panel Increase Input Circuit Short To Ground
B1583	Dim Panel Decrease Input Circuit Failure
B1584	Dim Panel Decrease Input Circuit Open
B1585	Dim Panel Decrease Input Circuit Short To Battery
B1586	Dim Panel Decrease Input Circuit Short To Ground
B1587	Autolamp Delay Increase Circuit Failure
B1588	Autolamp Delay Increase Circuit Open
B1589	Autolamp Delay Increase Circuit Short To Battery
B1590	Autolamp Delay Increase Circuit Short To Ground
B1591	Autolamp Delay Decrease Circuit Failure
B1592	Autolamp Delay Decrease Circuit Open
B1593	Autolamp Delay Decrease Circuit Short To Battery
B1594	Autolamp Delay Decrease Circuit Short To Ground
B1595	Ignition Switch Illegal Input Code
B1596	Service Continuous Codes
B1597	Driver's Seat Seatback Autoglide Forward Switch Circuit Short to Ground
B1598	Driver's Seat Seatback Autoglide Rearward Switch Circuit Short to Ground
B1599	Passenger's Seatback Autoglide Forward Switch Circuit Short to Ground
B1600	PATS Ignition Key Transponder Signal Is Not Received
B1601	PATS Received Incorrect Key-Code From Ignition Key Transponder
B1602	PATS Received Invalid Format Of Key-Code From Ignition Key Transponder
B1603	Lamp Anti-Theft Indicator Circuit Failure
B1604	Lamp Anti-Theft Indicator Circuit Open
B1605	Lamp Anti-Theft Indicator Circuit Short To Battery
B1606	Lamp Anti-Theft Indicator Circuit Short To Ground
B1607	Illuminated Entry Input Circuit Failure
B1608	Illuminated Entry Input Open Circuit
B1609	Illuminated Entry Input Short Circuit To Battery
B1610	Illuminated Entry Input Short Circuit To Ground
B1611	Wiper Rear Mode Select Switch Circuit Failure
B1612	Wiper Rear Mode Select Switch Circuit Open
B1613	Wiper Rear Mode Select Switch Circuit Short To Battery
B1614	Wiper Rear Mode Select Switch Circuit Short To Ground
B1615	Wiper Rear Disable Switch Circuit Failure
B1616	Wiper Rear Disable Switch Circuit Open
B1617	Wiper Rear Disable Switch Circuit Short To Battery
B1618	Wiper Rear Disable Switch Circuit Short To Ground
B1619	Wiper Rear Low Limit Input Circuit Failure
B1620	Wiper Rear Low Limit Input Circuit Open
B1621	Wiper Rear Low Limit Input Circuit Short To Battery
B1622	Wiper Rear Low Limit Input Circuit Short To Ground
B1623	Lamp Keypad Output Circuit Failure
B1624	Lamp Keypad Output Open Circuit
B1625	Lamp Keypad Output Short Circuit To Battery
B1626	Lamp Keypad Output Short Circuit To Ground
B1627	PRNDL Reverse Input Circuit Failure
B1628	PRNDL Reverse Input Open Circuit
B1629	PRNDL Reverse Input Short To Battery
B1630	PRNDL Reverse Input Short Circuit To Ground
B1631	Mirror Driver Left Circuit Failure
B1632	Mirror Driver Left Circuit Open
B1633	Mirror Driver Left Circuit Short To Battery
B1634	Mirror Driver Left Circuit Short To Ground
B1635	Mirror Driver Right Circuit Failure
B1636	Mirror Driver Right Circuit Open

B1637	Mirror Driver Right Circuit Short To Battery
B1638	Mirror Driver Right Short To Ground
B1639	Mirror Passenger Left Circuit Failure
B1640	Mirror Passenger Left Circuit Open
B1641	Mirror Passenger Left Circuit Short To Battery
B1642	Mirror Passenger Left Circuit Short To Ground
B1643	Mirror Passenger Right Circuit Failure
B1644	Mirror Passenger Right Circuit Open
B1645	Mirror Passenger Right Circuit Short To Battery
B1646	Mirror Passenger Right Circuit Short To Ground
B1647	Seat Driver Recline Forward Circuit Failure
B1648	Seat Driver Recline Forward Circuit Open
B1649	Seat Driver Recline Forward Circuit Short To Battery
B1650	Seat Driver Recline Forward Circuit Short To Ground
B1651	Seat Driver Recline Backward Circuit Failure
B1652	Seat Driver Recline Backward Circuit Open
B1653	Seat Driver Recline Backward Circuit Short To Battery
B1654	Seat Driver Recline Backward Circuit Short To Ground
B1655	Seat Driver Rear Up Circuit Failure
B1656	Seat Driver Rear Up Circuit Open
B1657	Seat Driver Rear Up Circuit Short To Battery
B1658	Seat Driver Rear Up Circuit Short To Ground
B1659	Seat Driver Front Up Circuit Failure
B1660	Seat Driver Front Up Circuit Open
B1661	Seat Driver Front Up Circuit Short To Battery
B1662	Seat Driver Front Up Circuit Short To Ground
B1663	Seat Driver Front Up/Down Motor Stalled
B1664	Seat Driver Rear Up/Down Motor Stalled
B1665	Seat Driver Forward/Backward Motor Stalled
B1666	Seat Driver Recline Motor Stalled
B1667	Mirror Driver Up/Down Motor Stalled
B1668	Mirror Driver Right/Left Motor Stalled
B1669	Mirror Passenger Up/Down Motor Stalled
B1670	Mirror Passenger Right/Left Motor Stalled
B1671	Battery Module Voltage Out Of Range
B1672	Seat Driver Occupied Input Circuit Failure
B1673	Seat Driver Occupied Input Circuit Open
B1674	Seat Driver Occupied Input Circuit Short To Battery
B1675	Seat Driver Occupied Input Circuit Short To Ground
B1676	Battery Pack Voltage Out Of Range
B1677	Alarm Panic Input Circuit Failure
B1678	Alarm Panic Input Circuit Open
B1679	Alarm Panic Input Circuit Short To Battery
B1680	Alarm Panic Input Circuit Short To Ground
B1681	PATS Transceiver Module Signal Is Not Received
B1682	PATS Is Disabled (Check Link Between PATS And Transponder)
B1683	Mirror Driver/Passenger Switch Circuit Failure
B1684	Mirror Driver/Passenger Switch Circuit Open
B1685	Lamp Dome Input Circuit Failure
B1686	Lamp Dome Input Circuit Open
B1687	Lamp Dome Input Circuit Short To Battery
B1688	Lamp Dome Input Circuit Short To Ground
B1689	Autolamp Delay Circuit Failure
B1690	Autolamp Delay Circuit Open
B1691	Autolamp Delay Circuit Short To Battery
B1692	Autolamp Delay Circuit Short To Ground
B1693	Autolamp On Circuit Failure

B1694	Autolamp On Circuit Open
B1695	Autolamp On Circuit Short To Battery
B1696	Autolamp On Circuit Short To Ground
B1697	Mirror Driver/Passenger Switch Circuit Short To Battery
B1698	Mirror Driver/Passenger Switch Circuit Short To Ground
B1699	Passenger's Seat Occupied Switch Circuit Short to Ground
B1700	Passenger's Seatbelt Tension Reducer Circuit Short to Ground
B1701	Seat Driver Recline Forward Switch Circuit Failure
B1702	Seat Driver Recline Forward Switch Circuit Open
B1703	Seat Driver Recline Forward Switch Circuit Short To Battery
B1704	Seat Driver Recline Forward Switch Circuit Short To Ground
B1705	Seat Driver Recline Rearward Switch Circuit Failure
B1706	Seat Driver Recline Rearward Switch Circuit Open
B1707	Seat Driver Recline Rearward Switch Circuit Short To Battery
B1708	Seat Driver Recline Rearward Switch Circuit Short To Ground
B1709	Seat Driver Front Up Switch Circuit Failure
B1710	Seat Driver Front Up Switch Circuit Open
B1711	Seat Driver Front Up Switch Circuit Short To Battery
B1712	Seat Driver Front Up Switch Circuit Short To Ground
B1713	Seat Driver Front Down Switch Circuit Failure
B1714	Seat Driver Front Down Switch Circuit Open
B1715	Seat Driver Front Down Switch Circuit Short To Battery
B1716	Seat Driver Front Down Switch Circuit Short To Ground
B1717	Seat Driver Forward Switch Circuit Failure
B1718	Seat Driver Forward Switch Circuit Open
B1719	Seat Driver Forward Switch Circuit Short To Battery
B1720	Seat Driver Forward Switch Circuit Short To Ground
B1721	Seat Driver Rearward Switch Circuit Failure
B1722	Seat Driver Rearward Switch Circuit Open
B1723	Seat Driver Rearward Switch Circuit Short To Battery
B1724	Seat Driver Rearward Switch Circuit Short To Ground
B1725	Seat Driver Rear Up Switch Circuit Failure
B1726	Seat Driver Rear Up Switch Circuit Open
B1727	Seat Driver Rear Up Switch Circuit Short To Battery
B1728	Seat Driver Rear Up Switch Circuit Short To Ground
B1729	Seat Driver Rear Down Switch Circuit Failure
B1730	Seat Driver Rear Down Switch Circuit Open
B1731	Seat Driver Rear Down Switch Circuit Short To Battery
B1732	Seat Driver Rear Down Switch Circuit Short To Ground
B1733	Mirror Driver Vertical Switch Circuit Failure
B1734	Mirror Driver Vertical Switch Circuit Open
B1735	Mirror Driver Vertical Switch Circuit Short To Battery
B1736	Mirror Driver Vertical Switch Circuit Short To Ground
B1737	Mirror Driver Horizontal Switch Circuit Failure
B1738	Mirror Driver Horizontal Switch Circuit Open
B1739	Mirror Driver Horizontal Switch Circuit Short To Battery
B1740	Mirror Driver Horizontal Switch Circuit Short To Ground
B1741	Mirror Passenger Vertical Switch Circuit Failure
B1742	Mirror Passenger Vertical Switch Circuit Open
B1743	Mirror Passenger Vertical Switch Circuit Short To Battery
B1744	Mirror Passenger Vertical Switch Circuit Short To Ground
B1745	Mirror Passenger Horizontal Switch Circuit Failure
B1746	Mirror Passenger Horizontal Switch Circuit Open
B1747	Mirror Passenger Horizontal Switch Circuit Short To Battery
B1748	Mirror Passenger Horizontal Switch Circuit Short To Ground
B1749	Park/Neutral Switch Circuit Failure
B1750	Park/Neutral Switch Circuit Open



B1751	Park/Neutral Switch Circuit Short To Battery
B1752	Park/Neutral Switch Circuit Short To Ground
B1753	Hazard Flash Output Circuit Failure
B1754	Hazard Flash Output Circuit Open
B1755	Hazard Flash Output Circuit Short Battery
B1756	Hazard Flash Output Circuit Short To Ground
B1757	Seat Driver Rear Down Circuit Failure
B1758	Seat Driver Rear Down Circuit Open
B1759	Seat Driver Rear Down Circuit Short To Battery
B1760	Seat Driver Rear Down Circuit Short To Ground
B1761	Seat Driver Front Down Circuit Failure
B1762	Seat Driver Front Down Circuit Open
B1763	Seat Driver Front Down Circuit Short To Battery
B1764	Seat Driver Front Down Circuit Short To Ground
B1765	Seat Driver Forward Circuit Failure
B1766	Seat Driver Forward Circuit Open
B1767	Seat Driver Forward Circuit Short To Battery
B1768	Seat Driver Forward Circuit Short To Ground
B1769	Seat Driver Backward Circuit Failure
B1770	Seat Driver Backward Circuit Open
B1771	Seat Driver Backward Circuit Short To Battery
B1772	Seat Driver Backward Circuit Short To Ground
B1773	Mirror Driver Up Circuit Failure
B1774	Mirror Driver Up Circuit Open
B1775	Mirror Driver Up Circuit Short To Battery
B1776	Mirror Driver Up Circuit Short To Ground
B1777	Driver's Seatbelt Tension Reducer Circuit Short to Ground
B1778	Mirror Driver Down Circuit Failure
B1779	Mirror Driver Down Circuit Open
B1780	Mirror Driver Down Circuit Short To Battery
B1781	Mirror Driver Down Short To Ground
B1782	Mirror Passenger Up Circuit Failure
B1783	Mirror Passenger Up Circuit Open
B1784	Mirror Passenger Up Circuit Short To Battery
B1785	Mirror Passenger Up Circuit Short To Ground
B1786	Mirror Passenger Down Circuit Failure
B1787	Mirror Passenger Down Circuit Open
B1788	Mirror Passenger Down Circuit Short To Battery
B1789	Mirror Passenger Down Circuit Short To Ground
B1790	Autolamp Sensor Input Circuit Failure
B1791	Autolamp Sensor Input Circuit Open
B1792	Autolamp Sensor Input Circuit Short To Battery
B1793	Autolamp Sensor Input Circuit Short To Ground
B1794	Lamp Headlamp Low-Beam Circuit Failure
B1795	Lamp Headlamp Low-Beam Circuit Open
B1796	Lamp Headlamp Low-Beam Circuit Short To Battery
B1797	Lamp Headlamp Low-Beam Circuit Short To Ground
B1798	Lamp Turn Signal Front Output Circuit Failure
B1799	Lamp Turn Signal Front Output Circuit Open
B1800	Lamp Turn Signal Front Output Circuit Short To Battery
B1801	Lamp Turn Signal Front Output Circuit Short To Ground
B1802	Lamp Turn Signal Rear Output Circuit Failure
B1803	Lamp Turn Signal Rear Output Circuit Open
B1804	Lamp Turn Signal Rear Output Circuit Short To Battery
B1805	Lamp Turn Signal Rear Output Circuit Short To Ground
B1806	Lamp Tail Output Circuit Failure
B1807	Lamp Tail Output Circuit Open

B1808	Lamp Tail Output Circuit Short To Battery
B1809	Lamp Tail Output Circuit Short To Ground
B1810	Lamp Backup Switch Input Circuit Failure
B1811	Lamp Backup Switch Input Circuit Open
B1812	Lamp Backup Switch Input Circuit Short To Battery
B1813	Lamp Backup Switch Input Circuit Short To Ground
B1814	Wiper Rear Motor Down Relay Coil Circuit Failure
B1815	Wiper Rear Motor Down Relay Coil Circuit Open
B1816	Wiper Rear Motor Down Relay Coil Circuit Short To Battery
B1817	Wiper Rear Motor Down Relay Coil Circuit Short To Ground
B1818	Wiper Rear Motor Up Relay Coil Circuit Failure
B1819	Wiper Rear Motor Up Relay Coil Circuit Open
B1820	Wiper Rear Motor Up Relay Coil Circuit Short To Battery
B1821	Wiper Rear Motor Up Relay Coil Circuit Short To Ground
B1822	Wiper Rear Park Sense Input Circuit Failure
B1823	Wiper Rear Park Sense Input Circuit Open
B1824	Wiper Rear Park Sense Input Circuit Short To Battery
B1825	Wiper Rear Park Sense Input Circuit Short To Ground
B1826	Wiper Rear High Limit Input Circuit Failure
B1827	Wiper Rear High Limit Input Circuit Open
B1828	Wiper Rear High Limit Input Circuit Short To Battery
B1829	Wiper Rear High Limit Input Circuit Short To Ground
B1830	Door Unlock Disarm Switch Circuit Failure
B1831	Door Unlock Disarm Switch Circuit Open
B1832	Door Unlock Disarm Switch Circuit Short To Battery
B1833	Door Unlock Disarm Switch Circuit Short To Ground
B1834	Door Unlock Disarm Output Circuit Failure
B1835	Door Unlock Disarm Output Circuit Open
B1836	Door Unlock Disarm Output Circuit Short To Battery
B1837	Door Unlock Disarm Output Circuit Short To Ground
B1838	Battery Saver Power Relay Circuit Failure
B1839	Wiper Rear Motor Circuit Failure
B1840	Wiper Front Power Circuit Failure
B1841	Wiper Front Power Circuit Open
B1842	Wiper Front Power Circuit Short To Battery
B1843	Wiper Front Power Circuit Short To Ground
B1844	Phone Handset Circuit Failure
B1845	Ignition Tamper Circuit Failure
B1846	Ignition Tamper Circuit Open
B1847	Ignition Tamper Circuit Short To Battery
B1848	Ignition Tamper Circuit Short To Ground
B1849	Climate Control Temperature Differential Circuit Failure
B1850	Climate Control Temperature Differential Circuit Open
B1851	Climate Control Temperature Differential Circuit Short To Battery
B1852	Climate Control Temperature Differential Circuit Short To Ground
B1853	Climate Control Air Temperature Internal Sensor Motor Circuit Failure
B1854	Climate Control Air Temperature Internal Sensor Motor Circuit Open
B1855	Climate Control Air Temperature Internal Sensor Motor Circuit Short To Battery
B1856	Climate Control Air Temperature Internal Sensor Motor Circuit Short To Ground
B1857	Climate Control On/Off Switch Circuit Failure
B1858	Climate Control A/C Pressure Switch Circuit Failure
B1859	Climate Control A/C Pressure Switch Circuit Open
B1860	Climate Control A/C Pressure Switch Circuit Short To Battery
B1861	Climate Control A/C Pressure Switch Circuit Short To Ground
B1862	Climate Control A/C Lock Sensor Failure
B1863	Ground ECU Circuit Open

B1864	Battery Power Supply ECU Circuit Failure
B1865	Battery Power Supply ECU Circuit Open
B1866	Battery Power Supply ECU Circuit Short To Battery
B1867	Battery Power Supply ECU Circuit Short To Ground
B1868	Lamp Air Bag Warning Indicator Circuit Failure
B1869	Lamp Air Bag Warning Indicator Circuit Open
B1870	Lamp Air Bag Warning Indicator Circuit Short To Battery
B1871	Passenger Air Bag Disable Module Fault
B1872	Turn Signal / Hazard Power Feed Circuit Short To Battery
B1873	Turn Signal / Hazard Power Feed Circuit Short To Ground
B1874	Cellular Phone Handset Not Present
B1875	Turn Signal / Hazard Switch Signal Circuit Failure
B1876	Seatbelt Driver Pretensioner Circuit Failure
B1877	Seatbelt Driver Pretensioner Circuit Open
B1878	Seatbelt Driver Pretensioner Circuit Short to Battery
B1879	Seatbelt Driver Pretensioner Circuit Short to Ground
B1880	Seatbelt Passenger Pretensioner Circuit Failure
B1881	Seatbelt Passenger Pretensioner Circuit Open
B1882	Seatbelt Passenger Pretensioner Circuit Short to Battery
B1883	Seatbelt Passenger Pretensioner Circuit Short to Ground
B1884	PAD Warning Lamp Inoperative
B1885	Seatbelt Driver Pretensioner Circuit Resistance Low on Squib
B1886	Seatbelt Passenger Pretensioner Circuit Resistance Low on Squib
B1887	Air Bag Driver Circuit Resistance Low or Shorted Together
B1888	Air Bag Passenger Circuit Resistance Low or Shorted Together
B1889	Passenger Airbag Disable Module Sensor Obstructed
B1890	PAD Warning Lamp Circuit Short to Battery
B1891	Air Bag Tone Warning Indicator Circuit Short to Battery
B1892	Air Bag Tone Warning Indicator Circuit Failure
B1893	GPS Antenna Open Circuit
B1894	Wiper Rear Motor Speed Sense Circuit Failure
B1895	Driver's / Passenger's Door Ajar Output Circuit Failure
B1896	Driver's / Passenger's Door Ajar Output Circuit Short to Battery
B1897	Horn Switch Circuit Failure
B1898	Chime Input #2 Circuit Short to Ground
B1899	Microphone Input Signal Circuit Open
B1900	Driver Side Airbag Fault
B1901	Air Bag Crash Sensor #1 Feed/Return Circuit Short To Ground
B1902	Air Bag Crash Sensor #1 Ground Circuit Failure
B1903	Air Bag Crash Sensor #1 Ground Circuit Short To Battery
B1904	Air Bag Crash Sensor #2 Feed/Return Circuit Failure
B1905	Air Bag Crash Sensor #2 Feed/Return Circuit Short To Battery
B1906	Air Bag Crash Sensor #2 Feed/Return Circuit Short To Ground
B1907	Air Bag Crash Sensor #2 Ground Circuit Failure
B1908	Air Bag Crash Sensor #2 Ground Circuit Short To Battery
B1909	Air Bag Crash Sensor #2 Ground Circuit Short To Ground
B1910	Air Bag Diagnostic Monitor Ground Circuit Failure
B1911	Air Bag Diagnostic Monitor Ground Circuit Short To Battery
B1912	Air Bag Diagnostic Monitor Ground Circuit Short To Ground
B1913	Air Bag Driver/Passenger Circuit Short To Ground
B1914	Air Bag Crash Sensors #1 / #2 Circuit Short To Ground
B1915	Air Bag Driver Circuit Failure
B1916	Air Bag Driver Circuit Short To Battery
B1917	Air Bag Memory Clear Circuit Failure
B1918	Air Bag Memory Clear Circuit Open
B1919	Air Bag Memory Clear Circuit Short To Battery
B1920	Air Bag Passenger Circuit Failure

B1921	Air Bag Diagnostic Monitor Ground Circuit Open
B1922	Air Bag Safing Sensor Output Circuit Short To Battery
B1923	Air Bag Memory Clear Circuit Short To Ground
B1924	Air Bag Internal Diagnostic Monitor Fault or System Disarm Fault
B1925	Air Bag Passenger Circuit Short To Battery
B1926	Air Bag Passenger Pressure Switch Circuit Failure
B1927	Passenger Side Airbag Fault
B1928	Air Bag Safing Sensor Output Circuit Failure
B1929	Air Bag Safing Sensor Output Circuit Open
B1930	Air Bag Safing Sensor Output Circuit Short To Ground
B1931	Air Bag Crash Sensor #1 Feed/Return Circuit Failure
B1932	Air Bag Driver Circuit Open
B1933	Air Bag Passenger Circuit Open
B1934	Air Bag Driver Inflator Circuit Resistance Low on Squib
B1935	Air Bag Passenger Inflator Circuit Resistance Low on Squib
B1936	Air Bag Driver Circuit Short To Ground
B1937	Air Bag Passenger Pressure Switch Circuit Open
B1938	Air Bag Passenger Circuit Short To Ground
B1939	Air Bag Passenger Pressure Switch Circuit Short To Ground
B1941	Air Bag Crash Sensor #1 Feed/Return Circuit Open
B1942	Air Bag Crash Sensor #2 Feed/Return Circuit Open
B1943	Air Bag Crash Sensor #1 Ground Circuit Short To Ground
B1944	Air Bag Crash Sensor #1 Ground Circuit Open
B1945	Air Bag Crash Sensor #2 Ground Circuit Open
B1946	Climate Control A/C Post Evaporator Sensor Circuit Failure
B1947	Climate Control A/C Post Evaporator Sensor Circuit Short To Ground
B1948	Climate Control Water Temperature Sensor Circuit Failure
B1949	Climate Control Water Temperature Sensor Circuit Short To Ground
B1950	Seat Rear Up/Down Potentiometer Feedback Circuit Failure
B1951	Seat Rear Up/Down Potentiometer Feedback Circuit Open
B1952	Seat Rear Up/Down Potentiometer Feedback Circuit Short To Battery
B1953	Seat Rear Up/Down Potentiometer Feedback Circuit Short To Ground
B1954	Seat Front Up/Down Potentiometer Feedback Circuit Failure
B1955	Seat Front Up/Down Potentiometer Feedback Circuit Open
B1956	Seat Front Up/Down Potentiometer Feedback Circuit Short To Battery
B1957	Seat Front Up/Down Potentiometer Feedback Circuit Short To Ground
B1958	Seat Recline Forward/Backward Potentiometer Feedback Circuit Failure
B1959	Seat Recline Forward/Backward Potentiometer Feedback Circuit Open
B1960	Seat Recline Forward/Backward Potentiometer Feedback Circuit Short To Battery
B1961	Seat Recline Forward/Backward Potentiometer Feedback Circuit Short To Ground
B1962	Seat Horizontal Forward/Rearward Potentiometer Feedback Circuit Failure
B1963	Seat Horizontal Forward/Rearward Potentiometer Feedback Circuit Open
B1964	Seat Horizontal Forward/Rearward Potentiometer Feedback Circuit Short To Battery
B1965	Seat Horizontal Forward/Rearward Potentiometer Feedback Circuit Short To Ground
B1966	A/C Post Heater Sensor Circuit Failure
B1967	A/C Post Heater Sensor Circuit Short To Ground
B1968	A/C Water Pump Detection Circuit Failure
B1969	A/C Clutch Magnetic Control Circuit Failure
B1970	Passenger Seatback Forward Switch Circuit Short to Ground
B1971	Passenger Seatback Rearward Switch Circuit Short to Ground
B1972	Passenger Rear Seat Up Switch Circuit Short to Battery
B1973	Passenger Rear Seat Down Switch Circuit Short to Battery
B1974	Passenger's Seat Recline Forward Switch Circuit Short to Battery

B1975	Passenger's Seat Recline Back Switch Circuit Short to Battery
B1976	Passenger's Seat Forward Switch Circuit Short to Battery
B1977	Passenger's Front Seat Up Switch Circuit Short to Battery
B1978	Passenger's Front Seat Down Switch Circuit Short to Battery
B1979	Passenger Seat Rearward Switch Circuit Short to Battery
B1980	Bulb - Outage Condition Detected
B1981	Memory Off Switch Circuit Short to Battery
B1982	Driver's Door Unlock Relay Circuit Failure
B1983	Driver's Door Unlock Relay Circuit Short to Battery
B1984	Seat Switch Lumbar Inflate Circuit Failure
B1985	Seat Switch Lumbar Deflate Circuit Failure
B1986	Driver's Seat Seatback Autoglide Rearward Switch Circuit Failure
B1987	Pedal Forward / Rearward Motor Stalled
B1988	Pedal Position Forward Switch Circuit Short to Battery
B1989	Pedal Position Rearward Switch Circuit Short to Battery
B1990	Pedal Forward / Rearward Potentiometer Feedback Circuit Failure
B1991	Pedal Forward / Rearward Potentiometer Feedback Circuit Short to Battery
B1992	Driver Side, Side mount Airbag Circuit Short to Vbatt
B1993	Driver Side, Side mount Airbag Circuit Short to Ground
B1994	Driver Side, Side mount Airbag Circuit Open
B1995	Driver Side, Side mount Airbag Low resistance on Squib
B1996	Passenger Side, Side mount Airbag Circuit Short to Vbatt
B1997	Passenger Side, Side mount Airbag Circuit Short to Ground
B1998	Passenger Side, Side mount Airbag Circuit Open
B1999	Passenger Side, Side mount Airbag Low resistance on Squib
B2100	Door Driver Key Cylinder Switch Failure
B2101	Head Rest Switch Circuit Failure
B2102	Antenna Circuit Short to Ground
B2103	Antenna Not Connected
B2104	Door Passenger Key Cylinder Switch Failure
B2105	Throttle Position Input Out of Range Low
B2106	Throttle Position Input Out of Range High
B2107	Front Wiper Motor Relay Circuit Short to Vbatt
B2108	Trunk Key Cylinder Switch Failure
B2109	Heated Wind Shield Relay Short to Vbatt (changed from Failure 2/6/97)
B2110	Front Wiper Motor Relay Circuit Open (changed from Failure 2/6/97)
B2111	All Door Lock Input Short to Ground
B2112	Door Driver Set Switch Stuck Failure
B2113	Heated Windshield Input Short to Ground
B2114	Front Washer Input Short to Ground
B2115	Rear Washer Input Short to Ground
B2116	Door Driver Reset Switch Stuck Failure
B2117	Driver Side, Side mount Airbag Low capacitance on Squib
B2118	Passenger Side, Side mount Airbag Low capacitance on Squib
B2119	Compressor Failure
B2120	Door Passenger Set Switch Stuck Failure
B2122	Driver Side Satellite Communication Circuit Short to Ground
B2123	Passenger Side Satellite Communication Circuit Short to Ground
B2124	Door Passenger Reset Switch Stuck Failure
B2128	Central Lock Motor Failure
B2129	Central Lock Feedback Failure
B2130	Double Lock Timeout Failure
B2131	Double Lock Feedback Failure
B2132	Dimmer switch Circuit Short to Gnd
B2133	Brake Motor Warning lamp Circuit Failure
B2134	Brake Motor Warning lamp Circuit Short to Vbatt

B2135	Park Brake Applied Warning Lamp Circuit Failure
B2136	Park Brake Applied Warning Lamp Circuit Short To Battery
B2139	Data Mismatch (receive data does not match what was expected)
B2141	NVM Configuration Failure
B2142	NVM TIC Failure
B2143	NVM Memory Failure
B2144	NVM Alarm Data Failure
B2145	NVM RF HR Failure
B2146	Seat Recline Motor Position Out of Range
B2148	PWM Input Circuit Failure
B2149	Seat Front Vertical Motor Position Out of Range
B2150	Power Supply #1 Circuit Short to Ground
B2151	Power Supply #2 Circuit Short to Ground
B2152	Seat Rear Vertical Motor Position Out of Range
B2153	Rear Echo Sensor Circuit Failure
B2154	Front Echo Sensor Circuit Failure
B2155	Seat Horizontal Motor Position Out of Range
B2156	Rear Doppler Sensor Circuit Failure
B2157	Front Doppler Sensor Circuit Failure
B2158	Seat Recline Motor Memory Position Out of Range
B2159	Memory #1 output Short to Ground
B2160	Memory #1 output Short to VBatt
B2161	Seat Front Vertical Motor Memory Position Out of Range
B2162	Data Mismatch #2 (receive data does not match what was expected)
B2163	Clutch Position Fault
B2164	Seat Rear Vertical Motor Memory Position Out of Range
B2165	Gear shift position Fault
B2166	Gear select position Fault
B2167	Seat Horizontal Motor Memory Position Out of Range
B2168	Unable to confirm Unlock Condition
B2169	Unable to confirm lock Condition
B2170	Steering Column Lock Switch Circuit Failure
B2172	Inertia Switch input Circuit Open
B2174	Window Driver Rear Remote Up Switch Short to Battery
B2175	A/C Request Signal Circuit Short to Ground
B2176	Overdrive switch circuit short to Vbatt
B2177	Interior Scanning Sensor Circuit Failure
B2178	Window Driver Rear Remote Down Switch Short to Battery
B2179	Front Wiper Select Switch "A" Short to Ground
B2180	Front Wiper Select Switch "B" Short to Ground
B2181	Front Wiper Select Switch "C" Short to Ground
B2182	Window Passenger Front Remote Up Switch Short to Battery
B2183	Front Wiper Select Switch "H" Short to Ground
B2184	Front Wiper Select Switch "W" Short to Ground
B2185	Rear Wiper Select Switch "D" Short to Ground
B2186	Window Passenger Front Remote Down Switch Short to Battery
B2187	Rear Wiper Select Switch "B" Short to Ground
B2188	Rear Wiper Select Switch "E" Short to Ground
B2190	Window Passenger Rear Remote Up Switch Short to Battery
B2194	Window Passenger Rear Remote Down Switch Short to Battery
B2195	Driver Window Up / Down Power Circuit Short to Ground
B2196	Passenger Window Up / Down Power Circuit Short to Ground
B2197	TV Module Error
B2198	TrafficMaster Module Error
B2199	VICS Module Error
B2200	No Communication to TV Module (No Fitting of TV)
B2201	No Communication With Traffic MasterModule

B2202	No Communication to VICS Module (No Fitting of VICS)
B2203	CD-ROM Error
B2204	GPS Antenna Connection Open or Short
B2205	GPS Receiver Error
B2206	Gyroscope Error
B2207	ECU ROM Checksum Error
B2208	Communication Link to Display and Switch Module Error
B2209	Interior Lamp Override Switch Open Circuit
B2210	Interior Lamp Override Switch Short to Ground
B2211	Low Coolant Lamp Output Circuit Short to Battery
B2214	Window Passenger Front Up Switch Short to Battery
B2215	Window Passenger Front Down Switch Short to Battery
B2219	Window Driver Front Current Feedback Exceeded
B2220	Window Driver Rear Current Feedback Exceeded
B2221	Window Passenger Front Current Feedback Exceeded
B2222	Window Passenger Rear Current Feedback Exceeded
B2223	Mirror Driver Drive Circuit Failure
B2224	Mirror Passenger Drive Circuit Failure
B2225	Front Crash Sensor Mount Fault
B2226	Front Crash Sensor Internal Fault
B2227	Front Crash Sensor Driver Communications Fault
B2228	Air Bag Driver Circuit Short to Ground - Loop #2
B2229	Air Bag Passenger Circuit Short to Ground - Loop #2
B2230	Air Bag Driver Circuit Short to Battery - Loop #2
B2231	Air Bag Passenger Circuit Short to Battery - Loop #2
B2232	Air Bag Driver Circuit Open - Loop #2
B2233	Air Bag passenger Circuit Open - Loop #2
B2234	Air Bag Driver Inflator Circuit Resistance Low on Squib - Loop #2
B2235	Air Bag Passenger Inflator Circuit
B2236	Weak or Defected Electric Vehicle Battery Module Fault
B2237	Vehicle Signal indicating Park While VSS Present
B2238	Power Cable For Power Sliding Door Broken
B2239	Rear Cargo Door Set Switch Stuck (Short to Ground)
B2240	Rear Cargo Door Reset Switch Stuck (Short to Ground)
B2241	Rear Cargo Door Lock Circuit Short to Ground
B2242	Rear Cargo Door Unlock Circuit Open
B2243	Driver Rear Door Ajar Circuit Open
B2244	Driver Sliding Door Ajar Circuit Short to GND
B2245	Passenger Rear Door Ajar Circuit Open
B2246	Passenger Sliding Door Ajar Circuit Short to GND
B2247	EV Battery Pack Temperature Fault
B2248	Heated Windshield Relay Coil Circuit Failure
B2249	Head Lamp Relay Coil Short to Battery
B2250	All Doors Unlock Relay Circuit Failure
B2251	Parklamp Output Relay Driver Circuit Failure
B2252	Parklamp Output Relay Dirver Short to Battery
B2300	Seat Driver Memory Position Error
B2301	Seat Passenger Memory Position Error
B2302	Seat Headrest Feedback Potentiometer Circuit Failure
B2303	Seat Headrest Feedback Potentiometer Circuit Open
B2304	Seat Headrest Feedback Potentiometer Circuit Short to Battery
B2305	Seat Headrest Feedback Potentiometer Circuit Short to Ground
B2306	Seat Headrest Motor Stalled
B2310	Mirror Driver Memory Position Error
B2311	Mirror Passenger Memory Position Error
B2312	Mirror Passenger Horizontal Feedback Potentiometer Circuit Failure
B2313	Mirror Passenger Horizontal Feedback Potentiometer Circuit Open

B2314	Mirror Passenger Horizontal Feedback Potentiometer Circuit Short to Battery
B2315	Mirror Passenger Horizontal Feedback Potentiometer Circuit Short to Ground
B2316	Mirror Passenger Vertical Feedback Potentiometer Circuit Failure
B2317	Mirror Passenger Vertical Feedback Potentiometer Circuit Open
B2318	Mirror Passenger Vertical Feedback Potentiometer Circuit Short to Battery
B2319	Mirror Passenger Vertical Feedback Potentiometer Circuit Short to Ground
B2320	Mirror Driver Horizontal Feedback Potentiometer Circuit Failure
B2321	Mirror Driver Horizontal Feedback Potentiometer Circuit Open
B2322	Mirror Driver Horizontal Feedback Potentiometer Circuit Short to Battery
B2323	Mirror Driver Horizontal Feedback Potentiometer Circuit Short to Ground
B2324	Mirror Driver Vertical Feedback Potentiometer Circuit Failure
B2325	Mirror Driver Vertical Feedback Potentiometer Circuit Open
B2326	Mirror Driver Vertical Feedback Potentiometer Circuit Short to Battery
B2327	Mirror Driver Vertical Feedback Potentiometer Circuit Short to Ground
B2328	Column Reach Feedback Potentiometer Circuit Failure
B2329	Column Reach Feedback Potentiometer Circuit Open
B2330	Column Reach Feedback Potentiometer Circuit Short to Battery
B2331	Column Reach Feedback Potentiometer Circuit Short to Ground
B2332	Column Tilt Feedback Potentiometer Circuit Failure
B2333	Column Tilt Feedback Potentiometer Circuit Open
B2334	Column Tilt Feedback Potentiometer Circuit Short to Battery
B2335	Column Tilt Feedback Potentiometer Circuit Short to Ground
B2336	Mirror Switch Assembly Circuit Failure
B2337	Mirror Switch Assembly Circuit Open
B2338	Mirror Switch Assembly Circuit Short to Battery
B2339	Mirror Switch Assembly Circuit Short to Ground
B2340	Column Reach Motor Stalled
B2341	Column Tilt Motor Stalled
B2342	Seat Switch Reference Voltage Positive Common Open Circuit
B2343	Seat Switch Reference Voltage Positive Common Supply Low Voltage
B2344	Seat Switch Reference Voltage Positive Common Supply Voltage Fault
B2345	Seat Switch Reference Voltage Negative Common Open Circuit
B2346	Mirror Switch Reference Voltage Positive Common Open Circuit
B2347	Mirror Switch Reference Voltage Positive Common Supply Low Voltage
B2348	Mirror Switch Reference Voltage Positive Common Supply Voltage Fault
B2349	Mirror Switch Reference Voltage Negative Common Open Circuit
B2350	Steering Column Switch Circuit Short to Battery
B2351	Steering Column Switch Circuit Failure
B2352	Driver Memory Power Switch Indicator Circuit Short to Battery
B2353	Driver Mirror Power Driver Circuit Short Ground
B2354	Driver Mirror Horizontal / Vertical Feedback Potentiometer Circuit Open
B2355	Passenger Mirror Horizontal / Vertical Feedback Potentiometer Circuit Open
B2357	Driver Window Down Current Sense Low Circuit Failure
B2362	Remote Open/Close signal Circuit Short to Ground
B2363	Optical Sensor System Failure
B2364	Fuel Filler Door Circuit Open
B2365	B-pillar Power Sliding Door Open/Close Switch Input Ckt Short to Gnd
B2366	IP Power Sliding Door Open/Close switch Ckt Short to Gnd
B2367	Power Sliding Door Override Switch Input Ckt Short to Gnd
B2368	Steering Column Switch Circuit Out of Range
B2369	Chime OUTPUT Request Ckt Short to Ground
B2373	LED #1 Circuit Short to Battery



B2374	Power Sliding Detent (Latch) Circuit Failure
B2380	Heater Coolant Temp sensor circuit Short to GND
B2381	Heater Coolant Temp sensor circuit Open
B2384	Audio Reverse Aid Mute Input Ckt Failure
B2385	Audio Navigation Mute Input Ckt Failure
B2401	Audio Tape Deck Mechanism Fault
B2402	Audio CD/DJ Thermal Shutdown Fault
B2403	Audio CD/DJ Internal Fault
B2404	Audio Steering Wheel Switch Circuit Fault
B2405	Audio Single-Disc CD Player Thermal Shutdown Fault
B2406	Audio Single-Disc CD Player Internal Fault
B2416	Climate Control Recirculation Actuator Out of Limits
B2425	Remote Keyless Entry Out of Synchronization
B2426	Passenger Solar Radiation Sensor Circuit Open
B2427	Passenger Solar Radiation Sensor Circuit Short to Ground
B2428	A/C Post Heater Sensor #2 Circuit Failure
B2429	A/C Post Heater Sensor #2 Circuit Short to Ground
B2431	Transponder Programming Failed
B2432	Drivers Seat Belt Buckle Switch Circuit Open
B2433	Drivers Seat Belt Buckle Switch Circuit Short to Battery
B2434	Drivers Seat Belt Buckle Switch Circuit Short to Ground
B2435	Drivers Seat Belt Buckle Switch Resistance out of Range
B2436	Passengers Seat Belt Buckle Switch Circuit Open
B2437	Passengers Seat Belt Buckle Switch Circuit Short to Battery
B2438	Passengers Seat Belt Buckle Switch Circuit Short to Ground
B2439	Passengers Seat Belt Buckle Switch Resistance out of Range
B2440	Passenger Side, Side crash sensor mount fault
B2441	Driver Side, Side crash sensor mount fault
B2442	Intrusion Sensor Fault
B2443	Powertrain Performance Mode Switch Circuit failure
B2444	Driver Side Crash Sensor Internal Fault
B2445	Passenger Side Crash Sensor Internal Fault
B2446	RESCU/VEMS Input Circuit Open
B2447	RESCU/VEMS Input Circuit Short to Battery
B2448	RESCU/VEMS Input Circuit Short to Ground
B2449	Aux Heater Glow Plug Circuit Short to Ground
B2450	Aux Heater Glow Plug Circuit Open
B2451	Aux Heater Fuel Pump Circuit Short to Ground
B2452	Aux Heater Fuel Pump Circuit Open
B2453	Aux Heater Blower Fan Circuit Short to Ground
B2454	Aux Heater Blower Fan Circuit Open
B2455	Aux Heater Blower Faulted
B2456	Aux Heater Coolant Sensor Circuit Short to Ground
B2457	Aux Heater Coolant Sensor Circuit Open
B2458	Aux Heater Overheat Sensor Circuit Short to Ground
B2459	Aux Heater Overheat Sensor Circuit Open
B2460	Aux Heater Flame Sensor Circuit Short to Ground
B2461	Aux Heater Flame Sensor Circuit Open
B2462	Aux Heater Flame Out Fault
B2463	Aux Heater Overheat Fault
B2464	Aux Heater Start Time Exceeded
B2465	Aux Heater Start Counter Overrun/System Locked (same as below ?)
B2466	Aux Heater Overheat Counter Overrun/System Locked
B2467	Aux Heater Cool Down Time Exceeded (may be con to a453-5 )
B2468	Aux Heater Coolant Pump Circuit Short to Ground
B2469	Aux Heater Coolant Pump Circuit Open
B2470	Interior Fan Control Circuit Short to Ground

B2471	Interior Fan Control Circuit Open
B2472	Fog Lamp Switch Failure
B2473	Passenger Door Disarm Switch ckt Short to Ground
B2474	Passenger Door Lock Switch Circuit Shorted to Ground
B2475	Passenger Door Unlock Switch Circuit Shorted to Ground
B2476	RADIO PRESENT SWITCH Ckt Failure
B2477	Module Configuration Failure
B2478	ANTI THEFT INPUT SIGNAL SHORT TO GROUND
B2479	BRAKE PARK SWITCH CIRCUIT SHORT TO GROUND
B2480	LF CORNER LAMP OUTPUT Ckt Short to Battery
B2481	Convertible Top Up/Down switch Fault
B2482	RF CORNER LAMP OUTPUT Ckt Short to Battery
B2483	Enable Signal Open Circuit
B2484	Disable Signal Short to Ground
B2485	LF SIDE REPEATER LAMP OUTPUT Ckt Short to Battery
B2487	RF SIDE REPEATER LAMP OUTPUT Ckt Short to Battery
B2489	UNDERHOOD LAMP OUTPUT CIRCUIT Failure
B2490	UNDERHOOD LAMP OUTPUT CIRCUIT Short to Battery
B2491	RF PARK LAMP OUTPUT CIRCUIT Short to Battery
B2492	Already Programmed (Test Mode DTC Only !!!)
B2493	LF PARK LAMP OUTPUT CIRCUIT Short to Battery
B2494	ANTI THEFT HORN OUTPUT CIRCUIT Short to Batt
B2495	ANTI THEFT HORN OUTPUT CIRCUIT Failure
B2496	ANTI THEFT HORN OUTPUT CIRCUIT Short to Gnd
B2499	COURTESY LAMP OUTPUT Failure
B2500	COURTESY LAMP OUTPUT Ckt Short to Battery
B2501	LF LAMP LOW BEAM CIRCUIT Failure
B2502	LF LAMP LOW BEAM CIRCUIT Short to Battery
B2503	RF LAMP LOW BEAM CIRCUIT Failure
B2504	RF LAMP LOW BEAM CIRCUIT Short to Battery
B2505	LF LAMP HIGH BEAM CIRCUIT Failure
B2506	LF LAMP HIGH BEAM CIRCUIT Short to Battery
B2507	RF LAMP HIGH BEAM CIRCUIT Failure
B2508	RF LAMP HIGH BEAM CIRCUIT Short to Battery
B2509	Rear Fog Lamp Switch Circuit Failure
B2510	Main Blower Motor Relay Circuit Short to Battery
B2511	Horn Output Relay Circuit Short to Battery
B2512	Front Fog Lamp Relay Ckt Short to Battery
B2513	Blower (Fan) Circuit Failure
B2514	Blower (Fan) Circuit Short to Vbatt
B2515	Heater Blower Relay Circuit Failure
B2516	Blower Control Circuit Failure
B2517	Emergency Power Off System Faulted
B2518	Compressor Overtemp Fault
B2519	High Mount Stop Lamp Circuit Failure
B2520	High Mount Stop Lamp Circuit Short to Battery
B2523	License Lamp Circuit Failure
B2524	License Lamp Circuit Short to Battery
B2525	Left Rear Backup Lamp Circuit Failure
B2526	Left Rear Backup Lamp Circuit Short to Battery
B2527	Left Rear Stop lamp Circuit Failure
B2528	Left Rear Stop lamp Circuit Short to Battery
B2529	Left Rear Turn Lamp Circuit Failure
B2530	Left Rear Turn Lamp Circuit Short to Battery
B2531	Right Rear Backup Lamp Circuit Failure
B2532	Right Rear Backup Lamp Circuit Short to Battery
B2533	Right Rear Stop lamp Circuit Failure

B2534	Right Rear Stop lamp Circuit Short to Battery
B2535	Right Rear Turn Lamp Circuit Failure
B2536	Right Rear Turn Lamp Circuit Short to Battery
B2539	Aux A/C Mode Position Reference Circuit Short to Ground
B2540	Aux A/C Mode Position Reference Circuit Short to Battery
B2543	Aux A/C Control Switch Reference Circuit Short to Ground
B2544	Aux A/C Control Switch Reference Circuit Short to Battery
B2545	System Power Relay Circuit Short to Battery
B2546	System Power Relay Circuit Failure
B2550	LAMP DOME OUTPUT Circuit Short to Ground
B2553	Disable Signal Output Circuit Short to Battery
B2554	LAMP DOME OUTPUT Circuit Failure
B2555	LAMP DOME OUTPUT Circuit Short to Battery
B2556	Enable Signal Circuit Short to Battery
B2557	Left Power Sliding Door Open/Close Output Circuit Short to Battery
B2558	Right Power Sliding Door Open/Close Output Circuit Short to Battery
B2559	Aux A/C Blower Motor Relay Circuit Short to Battery
B2560	Aux A/C Blower Motor Relay Circuit Short to Ground
B2561	Aux A/C Blower Speed 1 Circuit Failure
B2562	Aux A/C Blower Speed 1 Circuit Short to Ground
B2563	Aux A/C Blower Speed 2 Circuit Failure
B2564	Aux A/C Blower Speed 2 Circuit Short to Ground
B2565	Right Tail Lamp Circuit Failure
B2566	Right Tail Lamp Circuit Short to Ground
B2567	Reverse Mirror Output Circuit Failure
B2568	Reverse Mirror Output Circuit Short to Ground
B2569	Liftgate Disarm Switch Circuit Short to Ground
B2570	Right Lamp Outage Signal Circuit Short to Ground
B2571	Left Lamp Outage Signal Circuit Short to Ground
B2580	Aux Blower Sense Switch Circuit Failure
B2581	Passenger Seat Occupant Detection Circuit Short To Ground
B2582	Passenger Seat Occupant Detection Circuit Open
B2583	Child Seat Detection Circuit Short to Ground
B2584	Child Seat Detection Circuit Open
B2585	Anti Theft Input Signal Circuit Short To Battery
B2586	Headlamp Mode Select Circuit Failure
B2587	Passenger Seat Occupant Detection Circuit Short To Battery
B2588	Child Seat Detection Circuit Short To Battery
B2589	Unexpected Door Reversal During Close
B2590	Vehicle Park/Speed Signal Circuit Failure
B2591	Detent Signal Missing During Unlatch
B2592	PSD Not Fully Closed (Module Commanded Successfully)
B2593	Power Sliding Door Opened During Module Close Command
B2594	No Movement Detected After an Unlatch During Power Open
B2595	Anti Theft Input Signal Circuit Failure
B2596	Headlamp Aim Output Relay Circuit Short To Battery
B2597	Headlamp Aim Output Relay Circuit Failure
B2598	Headlamp Relay Circuit Failure
B2599	Tailgate Release Open Circuit
B2600	Double Locking Door Motor Frozen
B2601	No Latch Signal Sensed on Closing and Door Reversed
B2602	Missing Latch Signal During Power Sliding Door Unlatch
B2603	PSD Not Fully Closed During Self-Test
B2604	Power Sliding Door On/Off Switch Open Circuit
B2605	Disable Signal Open Circuit
B2606	A/C Temperature Sensor Out of Range

## **C - Generic OBD-II Chassis Codes**

See also: [Generic OBD-II P Powertrain Codes](#) & [Generic OBD-II B Body Codes](#)

C0000 - Vehicle Speed Information Circuit Malfunction  
C0035 - Left Front Wheel Speed Circuit Malfunction  
C0040 - Right Front Wheel Speed Circuit Malfunction  
C0041 - Right Front Wheel Speed Sensor Circuit Range/Performance (EBCM)  
C0045 - Left Rear Wheel Speed Circuit Malfunction  
C0046 - Left Rear Wheel Speed Sensor Circuit Range/Performance (EBCM)  
C0050 - Right Rear Wheel Speed Circuit Malfunction  
C0051 - LF Wheel Speed Sensor Circuit Range/Performance (EBCM)  
C0060 - Left Front ABS Solenoid #1 Circuit Malfunction  
C0065 - Left Front ABS Solenoid #2 Circuit Malfunction  
C0070 - Right Front ABS Solenoid #1 Circuit Malfunction  
C0075 - Right Front ABS Solenoid #2 Circuit Malfunction  
C0080 - Left Rear ABS Solenoid #1 Circuit Malfunction  
C0085 - Left Rear ABS Solenoid #2 Circuit Malfunction  
C0090 - Right Rear ABS Solenoid #1 Circuit Malfunction  
C0095 - Right Rear ABS Solenoid #2 Circuit Malfunction  
C0110 - Pump Motor Circuit Malfunction  
C0121 - Valve Relay Circuit Malfunction  
C0128 - Low Brake Fluid Circuit Low  
C0141 - Left TCS Solenoid #1 Circuit Malfunction  
C0146 - Left TCS Solenoid #2 Circuit Malfunction  
C0151 - Right TCS Solenoid #1 Circuit Malfunction  
C0156 - Right TCS Solenoid #2 Circuit Malfunction  
C0161 - ABS/TCS Brake Switch Circuit Malfunction  
C0221 - Right Front Wheel Speed Sensor Circuit Open  
C0222 - Right Front Wheel Speed Signal Missing  
C0223 - Right Front Wheel Speed Signal Erratic  
C0225 - Left Front Wheel Speed Sensor Circuit Open  
C0226 - Left Front Wheel Speed Signal Missing  
C0227 - Left Front Wheel Speed Signal Erratic  
C0229 - Drop Out of Front Wheel Speed Signals  
C0235 - Rear Wheel Speed Signal Circuit Open  
C0236 - Rear Wheel Speed Signal Circuit Missing  
C0237 - Rear Wheel Speed Signal Erratic  
C0238 - Wheel Speed Mismatch  
C0241 - EBCM Control Valve Circuit  
C0245 - Wheel Speed Sensor Frequency Error  
C0254 - EBCM Control Valve Circuit  
C0265 - EBCM Relay Circuit  
C0266 - EBCM Relay Circuit  
C0267 - Pump Motor Circuit Open/Shorted  
C0268 - Pump Motor Circuit Open/Shorted  
C0269 - Excessive Dump/Isolation Time  
C0271 - EBCM Malfunction  
C0272 - EBCM Malfunction  
C0273 - EBCM Malfunction  
C0274 - Excessive Dump/Isolation Time  
C0279 - Powertrain Configuration Not Valid  
C0281 - Brake Switch Circuit  
C0283 - Traction Switch Shorted to Ground

C0284 - EBCM Malfunction  
C0286 - ABS Indicator Lamp Circuit Shorted to B+  
C0287 - Delivered Torque Circuit  
C0288 - Brake Warning Lamp Circuit Shorted to B+  
C0290 - Lost Communications With PCM  
C0292 - Lost Communications With PCM  
C0291 - Lost Communications With BCM  
C0297 - Powertrain Configuration Data Not Received  
C0298 - Powertrain Indicated Traction Control Malfunction  
C0300 - Rear Speed Sensor Malfunction  
C0305 - Front Speed Sensor Malfunction  
C0306 - Motor A or B Circuit  
C0308 - Motor A/B Circuit Low  
C0309 - Motor A/B Circuit High  
C0310 - Motor A/B Circuit Open  
C0315 - Motor Ground Circuit Open  
C0321 - Transfer Case Lock Circuit  
C0323 - T-Case Lock Circuit Low  
C0324 - T-Case Lock Circuit High  
C0327 - Encoder Circuit Malfunction  
C0357 - Park Switch Circuit High  
C0359 - Four Wheel Drive Low Range (4LO) Discrete Output Circuit  
C0362 - 4LO Discrete Output Circuit High  
C0367 - Front Axle Control Circuit High  
C0374 - General System Malfunction  
C0376 - Front/Rear Shaft Speed Mismatch  
C0379 - Front Axle System  
C0387 - Unable to Perform Shift  
C0472 - Steering Handwheel Speed Sensor Signal V Low  
C0473 - Steering Handwheel Speed Sensor Signal V High  
C0495 - EVO Tracking Error  
C0498 - Steering Assist Control Actuator Feed Circuit Low  
C0499 - Steering Assist Control Solenoid Feed Circuit High  
C0503 - Steering Assist Control Solenoid Return Circuit Low  
C0504 - Steering Assist Control Solenoid Return Circuit High  
C0550 - ECU Malfunction - internal write / checksum malfunction  
C0559 - EEPROM Checksum Error  
C0563 - Calibration ROM Checksum Error  
C0577 - Left Front Solenoid Circuit Low  
C0578 - Left Front Solenoid Circuit High  
C0579 - Left Front Solenoid Circuit Open  
C0582 - Right Front Solenoid Circuit Low  
C0583 - Right Front Solenoid Circuit High  
C0584 - Right Front Solenoid Circuit Open  
C0587 - Left Rear Solenoid Circuit Low  
C0588 - Left Rear Solenoid Circuit High  
C0589 - Left Rear Solenoid Circuit Open  
C0592 - Right Rear Solenoid Circuit Low  
C0593 - Right Rear Solenoid Circuit High  
C0594 - Right Rear Solenoid Circuit Open  
C0611 - VIN Information Error  
C0615 - Left Front Position Sensor Malfunction  
C0620 - Right Front Position Sensor Malfunction  
C0625 - Left Rear Position Sensor Malfunction  
C0628 - Level Control Position Sensor Circuit High  
C0630 - Right Rear Position Sensor Malfunction  
C0635 - Left Front Normal Force Circuit Malfunction  
C0638 - Left Front Normal Force Circuit High  
C0640 - Right Front Normal Force Circuit Malfunction  
C0643 - Right Front Normal Force Circuit High

C0655 - Level Control Compressor Relay Malfunction  
C0657 - Level Control Compressor Circuit Low  
C0658 - Level Control Compressor Circuit High  
C0660 - Level Control Exhaust Valve Circuit Malfunction  
C0662 - Level Control Exhaust Valve Circuit Low  
C0663 - Level Control Exhaust Valve Circuit High  
C0665 - Chassis Pitch Signal Circuit  
C0690 - Damper Control Relay Circuit Malfunction  
C0691 - Damper Control Relay Circuit Range  
C0693 - Damper Control Relay Circuit High  
C0695 - Position Sensor Overcurrent (8 volt supply)  
C0696 - Position Sensor Overcurrent (5 volt supply)  
C0710 - Steering Position Signal Malfunction  
C0750 - Tire Pressure Monitor (TPM) system sensor not transmitting  
C0755 - Tire Pressure Monitor (TPM) system sensor not transmitting  
C0760 - Tire Pressure Monitor (TPM) system sensor not transmitting  
C0765 - Tire Pressure Monitor (TPM) system sensor not transmitting  
C0800 - Device Power #1 Circuit Malfunction  
C0896 - Electronic Suspension Control (ESC) voltage is outside the normal range of 9 to 15.5 volts

## **GM - Chevrolet - GMC Chassis Codes**

C1211 - ABS Indicator Lamp Circuit Malfunction  
C1214 - System Relay Contact or Coil Circuit Open  
C1217 - Pump Motor Shorted to Ground  
C1218 - Pump Motor Circuit Shorted to Voltage or Motor Ground Open  
C1221 - Left Front Wheel Speed Sensor Input Signal is 0  
C1222 - Right Front Wheel Speed Sensor Input Signal is 0  
C1223 - Left Rear Wheel Speed Sensor Input Signal is 0  
C1224 - Right Rear Wheel Speed Sensor Input Signal is 0  
C1225 - Left Front Excessive Wheel Speed Variation  
C1226 - Right Front Excessive Wheel Speed Variation  
C1227 - Left Rear Excessive Wheel Speed Variation  
C1228 - Right Rear Excessive Wheel Speed Variation  
C1232 - Left Front Wheel Speed Circuit Open or Shorted  
C1233 - Right Front Wheel Speed Circuit Open or Shorted  
C1234 - Left Rear Wheel Speed Circuit Open or Shorted  
C1235 - Right Rear Wheel Speed Circuit Open or Shorted  
C1236 - Low System Supply Voltage  
C1237 - High System Supply Voltage  
C1238 - Brake Thermal Model Exceeded  
C1241 - Variable Effort Steering Circuit Malfunction  
C1242 - Pump Motor Circuit Open  
C1243 - BPMV Pump Motor Stalled  
C1244 - Powertrain Indicated Engine Drag Control Malfunction  
C1246 - Brake Lining Wear Circuit Open  
C1248 - EBCM Turned the Red Brake Warning Indicator On  
C1251 - RSS Indicated Malfunction  
C1252 - Left Front Normal Force Malfunction  
C1253 - Right Front Normal Force Malfunction  
C1254 - Abnormal Shutdown Detected  
C1255 - EBCM Internal Malfunction  
C1256 - EBCM Internal Malfunction  
C1261 - Left Front Inlet Valve Solenoid Malfunction  
C1262 - Left Front Outlet Valve Solenoid Malfunction  
C1263 - Right Front Inlet Valve Solenoid Malfunction  
C1264 - Right Front Outlet Valve Solenoid Malfunction  
C1265 - Left Rear Inlet Valve Solenoid Malfunction

- C1266 - Left Rear Outlet Valve Solenoid Malfunction
- C1267 - Right Rear Inlet Valve Solenoid Malfunction
- C1268 - Right Rear Outlet Valve Solenoid Malfunction
- C1271 - Left Front TCS Master Cylinder Isolation Valve Malfunction
- C1272 - Left Front TCS Prime Valve Malfunction
- C1273 - Right Front TCS Master Cylinder Isolation Valve Malfunction
- C1274 - Right Front TCS Prime Valve Malfunction
- C1276 - Delivered Torque Signal Circuit Malfunction
- C1277 - Requested Torque Signal Circuit Malfunction
- C1278 - TCS Temporarily Inhibited By PCM
- C1281 - VSES Sensors Uncorrelated
- C1282 - Yaw Rate Sensor Bias Circuit Malfunction
- C1283 - Excessive Time to Center Steering
- C1284 - Lateral Accelerometer Sensor Bias Malfunction
- C1285 - Lateral Accelerometer Sensor Circuit Malfunction
- C1286 - Steering Sensor Bias Malfunction
- C1287 - Steering Sensor Rate Malfunction
- C1288 - Steering Sensor Circuit Malfunction
- C1291 - Open Brake Lamp Switch Contacts During Deceleration
- C1292 - Brake Fluid Pressure Sensor Circuit
- C1293 - Code C1291 Set in Previous Ignition Cycle
- C1294 - Brake Lamp Switch Circuit Always Active
- C1295 - Brake Lamp Switch Circuit Open
- C1296 - Brake Fluid Pressure Sensor Circuit
- C1297 - PCM Indicated Brake Extended Travel Switch Failure
- C1298 - PCM Class 2 Serial Data Link Malfunction
- C1326 - Battery Out of Range
- C1650 - RSS Control Module Fault
- C1658 - RSS Control Module Calibration Fault
- C1710 - Left Front Damper Actuator Short Circuit to Battery
- C1711 - Left Front Damper Actuator Short Circuit to Ground
- C1712 - Left Front Damper Actuator Open Circuit
- C1715 - Right Front Damper Actuator Short Circuit to Battery
- C1716 - Right Front Damper Actuator Short Circuit to Ground
- C1717 - Right Front Damper Actuator Open Circuit
- C1720 - Left Rear Damper Actuator Short Circuit to Battery
- C1721 - Left Rear Damper Actuator Short Circuit to Ground
- C1722 - Left Rear Damper Actuator Open Circuit
- C1725 - Right Rear Damper Actuator Short Circuit to Battery
- C1726 - Right Rear Damper Actuator Short Circuit to Ground
- C1727 - Right Rear Damper Actuator Open Circuit
- C1735 - Compressor Relay Short to Battery
- C1736 - Compressor Relay Short to GND/Open Circuit
- C1737 - Exhaust Solenoid Valve Short to Battery
- C1738 - Exhaust Solenoid Valve Short to GND
- C1743 - Speed Signal Fault
- C1744 - Lift/Dive Signal Discrete Fault
- C1760 - Left Front Position Sensor Input Fault
- C1761 - Right Front Position Sensor Input Fault
- C1762 - Left Rear Position Sensor Input Fault
- C1763 - Right Rear Position Sensor Input Fault
- C1768 - Position Sensor Supply Fault
- C1780 - Loss of Steering Position Signal
- C1782 - ICCS2 DL Left Output Short Circuit to Bat
- C1783 - ICCS2 DL Left Output Short Circuit to GND
- C1784 - ICCS2 DL Right Output Short Circuit to Bat
- C1785 - ICCS2 DL Right Output Short Circuit to GND
- C1786 - Damper Control Relay Fault
- C1787 - Damper Control Relay Short to GND
- C1788 - Damper Control Relay Short to Bat

## U - Generic OBD-II Network Codes

See also: [Generic OBD-II P Powertrain Codes](#) & [Generic OBD-II B Body Codes](#)

Code	Description
U0001	High Speed CAN Communication Bus
U0002	High Speed CAN Communication Bus Performance
U0003	High Speed CAN Communication Bus (+) Open
U0004	High Speed CAN Communication Bus (+) Low
U0005	High Speed CAN Communication Bus (+) High
U0006	High Speed CAN Communication Bus (-) Open
U0007	High Speed CAN Communication Bus (-) Low
U0008	High Speed CAN Communication Bus (-) High
U0009	High Speed CAN Communication Bus (-) shorted to Bus (+)
U0010	Medium Speed CAN Communication Bus
U0011	Medium Speed CAN Communication Bus Performance
U0012	Medium Speed CAN Communication Bus (+) Open
U0013	Medium Speed CAN Communication Bus (+) Low
U0014	Medium Speed CAN Communication Bus (+) High
U0015	Medium Speed CAN Communication Bus (-) Open
U0016	Medium Speed CAN Communication Bus (-) Low
U0017	Medium Speed CAN Communication Bus (-) High
U0018	Medium Speed CAN Communication Bus (-) shorted to Bus (+)
U0019	Low Speed CAN Communication Bus
U0020	Low Speed CAN Communication Bus Performance
U0021	Low Speed CAN Communication Bus (+) Open
U0022	Low Speed CAN Communication Bus (+) Low
U0023	Low Speed CAN Communication Bus (+) High
U0024	Low Speed CAN Communication Bus (-) Open
U0025	Low Speed CAN Communication Bus (-) Low
U0026	Low Speed CAN Communication Bus (-) High
U0027	Low Speed CAN Communication Bus (-) shorted to Bus (+)
U0028	Vehicle Communication Bus A
U0029	Vehicle Communication Bus A Performance
U0030	Vehicle Communication Bus A (+) Open
U0031	Vehicle Communication Bus A (+) Low
U0032	Vehicle Communication Bus A (+) High
U0033	Vehicle Communication Bus A (-) Open
U0034	Vehicle Communication Bus A (-) Low
U0035	Vehicle Communication Bus A (-) High
U0036	Vehicle Communication Bus A (-) shorted to Bus A (+)
U0037	Vehicle Communication Bus B
U0038	Vehicle Communication Bus B Performance
U0039	Vehicle Communication Bus B (+) Open
U0040	Vehicle Communication Bus B (+) Low
U0041	Vehicle Communication Bus B (+) High
U0042	Vehicle Communication Bus B (-) Open
U0043	Vehicle Communication Bus B (-) Low
U0044	Vehicle Communication Bus B (-) High
U0045	Vehicle Communication Bus B (-) shorted to Bus B (+)
U0046	Vehicle Communication Bus C
U0047	Vehicle Communication Bus C Performance
U0048	Vehicle Communication Bus C (+) Open
U0049	Vehicle Communication Bus C (+) Low
U0050	Vehicle Communication Bus C (+) High
U0051	Vehicle Communication Bus C (-) Open



U0052	Vehicle Communication Bus C (-) Low
U0053	Vehicle Communication Bus C (-) High
U0054	Vehicle Communication Bus C (-) shorted to Bus C (+)
U0055	Vehicle Communication Bus D
U0056	Vehicle Communication Bus D Performance
U0057	Vehicle Communication Bus D (+) Open
U0058	Vehicle Communication Bus D (+) Low
U0059	Vehicle Communication Bus D (+) High
U0060	Vehicle Communication Bus D (-) Open
U0061	Vehicle Communication Bus D (-) Low
U0062	Vehicle Communication Bus D (-) High
U0063	Vehicle Communication Bus D (-) shorted to Bus D (+)
U0064	Vehicle Communication Bus E
U0065	Vehicle Communication Bus E Performance
U0066	Vehicle Communication Bus E (+) Open
U0067	Vehicle Communication Bus E (+) Low
U0068	Vehicle Communication Bus E (+) High
U0069	Vehicle Communication Bus E (-) Open
U0070	Vehicle Communication Bus E (-) Low
U0071	Vehicle Communication Bus E (-) High
U0072	Vehicle Communication Bus E (-) shorted to Bus E (+)
U0073	Control Module Communication Bus Off
U0074	Reserved by Document
U0075	Reserved by Document
U0076	Reserved by Document
U0077	Reserved by Document
U0078	Reserved by Document
U0079	Reserved by Document
U0080	Reserved by Document
U0081	Reserved by Document
U0082	Reserved by Document
U0083	Reserved by Document
U0084	Reserved by Document
U0085	Reserved by Document
U0086	Reserved by Document
U0087	Reserved by Document
U0088	Reserved by Document
U0089	Reserved by Document
U0090	Reserved by Document
U0091	Reserved by Document
U0092	Reserved by Document
U0093	Reserved by Document
U0094	Reserved by Document
U0095	Reserved by Document
U0096	Reserved by Document
U0097	Reserved by Document
U0098	Reserved by Document
U0099	Reserved by Document
U0100	Lost Communication With ECM/PCM "A"
U0101	Lost Communication with TCM
U0102	Lost Communication with Transfer Case Control Module
U0103	Lost Communication With Gear Shift Module
U0104	Lost Communication With Cruise Control Module
U0105	Lost Communication With Fuel Injector Control Module
U0106	Lost Communication With Glow Plug Control Module
U0107	Lost Communication With Throttle Actuator Control Module
U0108	Lost Communication With Alternative Fuel Control Module

U0109	Lost Communication With Fuel Pump Control Module
U0110	Lost Communication With Drive Motor Control Module
U0111	Lost Communication With Battery Energy Control Module "A"
U0112	Lost Communication With Battery Energy Control Module "B"
U0113	Lost Communication With Emissions Critical Control Information
U0114	Lost Communication With Four-Wheel Drive Clutch Control Module
U0115	Lost Communication With ECM/PCM "B"
U0116	Reserved by Document
U0117	Reserved by Document
U0118	Reserved by Document
U0119	Reserved by Document
U0120	Reserved by Document
U0121	Lost Communication With Anti-Lock Brake System (ABS) Control Module
U0122	Lost Communication With Vehicle Dynamics Control Module
U0123	Lost Communication With Yaw Rate Sensor Module
U0124	Lost Communication With Lateral Acceleration Sensor Module
U0125	Lost Communication With Multi-axis Acceleration Sensor Module
U0126	Lost Communication With Steering Angle Sensor Module
U0127	Lost Communication With Tire Pressure Monitor Module
U0128	Lost Communication With Park Brake Control Module
U0129	Lost Communication With Brake System Control Module
U0130	Lost Communication With Steering Effort Control Module
U0131	Lost Communication With Power Steering Control Module
U0132	Lost Communication With Ride Level Control Module
U0133	Reserved by Document
U0134	Reserved by Document
U0135	Reserved by Document
U0136	Reserved by Document
U0137	Reserved by Document
U0138	Reserved by Document
U0139	Reserved by Document
U0140	Lost Communication With Body Control Module
U0141	Lost Communication With Body Control Module "A"
U0142	Lost Communication With Body Control Module "B"
U0143	Lost Communication With Body Control Module "C"
U0144	Lost Communication With Body Control Module "D"
U0145	Lost Communication With Body Control Module "E"
U0146	Lost Communication With Gateway "A"
U0147	Lost Communication With Gateway "B"
U0148	Lost Communication With Gateway "C"
U0149	Lost Communication With Gateway "D"
U0150	Lost Communication With Gateway "E"
U0151	Lost Communication With Restraints Control Module
U0152	Lost Communication With Side Restraints Control Module
U0153	Lost Communication With Side Restraints Control Module
U0154	Lost Communication With Restraints Occupant Sensing Control Module
U0155	Lost Communication With Instrument Panel Cluster (IPC) Control Module
U0156	Lost Communication With Information Center "A"
U0157	Lost Communication With Information Center "B"
U0158	Lost Communication With Head Up Display
U0159	Lost Communication With Parking Assist Control Module
U0160	Lost Communication With Audible Alert Control Module
U0161	Lost Communication With Compass Module
U0162	Lost Communication With Navigation Display Module
U0163	Lost Communication With Navigation Control Module
U0164	Lost Communication With HVAC Control Module
U0165	Lost Communication With HVAC Control Module

U0166	Lost Communication With Auxiliary Heater Control Module
U0167	Lost Communication With Vehicle Immobilizer Control Module
U0168	Lost Communication With Vehicle Security Control Module
U0169	Lost Communication With Sunroof Control Module
U0170	Lost Communication With "Restraints System Sensor A"
U0171	Lost Communication With "Restraints System Sensor B"
U0172	Lost Communication With "Restraints System Sensor C"
U0173	Lost Communication With "Restraints System Sensor D"
U0174	Lost Communication With "Restraints System Sensor E"
U0175	Lost Communication With "Restraints System Sensor F"
U0176	Lost Communication With "Restraints System Sensor G"
U0177	Lost Communication With "Restraints System Sensor H"
U0178	Lost Communication With "Restraints System Sensor I"
U0179	Lost Communication With "Restraints System Sensor J"
U0180	Lost Communication With Automatic Lighting Control Module
U0181	Lost Communication With Headlamp Leveling Control Module
U0182	Lost Communication With Lighting Control Module
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 Rear Seat Entertainment Control Module
U0197	Lost Communication With Telephone Control Module
U0198	Lost Communication With Telematic Control Module
U0199	Lost Communication With "Door Control Module A"
U0200	Lost Communication With "Door Control Module B"
U0201	Lost Communication With "Door Control Module C"
U0202	Lost Communication With "Door Control Module D"
U0203	Lost Communication With "Door Control Module E"
U0204	Lost Communication With "Door Control Module F"
U0205	Lost Communication With "Door Control Module G"
U0206	Lost Communication With Folding Top Control Module
U0207	Lost Communication With Movable Roof Control Module
U0208	Lost Communication With "Seat Control Module A"
U0209	Lost Communication With "Seat Control Module B"
U0210	Lost Communication With "Seat Control Module C"
U0211	Lost Communication With "Seat Control Module D"
U0212	Lost Communication With Steering Column Control Module
U0213	Lost Communication With Mirror Control Module
U0214	Lost Communication With Remote Function Actuation
U0215	Lost Communication With "Door Switch A"
U0216	Lost Communication With "Door Switch B"
U0217	Lost Communication With "Door Switch C"
U0218	Lost Communication With "Door Switch D"
U0219	Lost Communication With "Door Switch E"
U0220	Lost Communication With "Door Switch F"
U0221	Lost Communication With "Door Switch G"
U0222	Lost Communication With "Door Window Motor A"

U0223	Lost Communication With "Door Window Motor B"
U0224	Lost Communication With "Door Window Motor C"
U0225	Lost Communication With "Door Window Motor D"
U0226	Lost Communication With "Door Window Motor E"
U0227	Lost Communication With "Door Window Motor F"
U0228	Lost Communication With "Door Window Motor G"
U0229	Lost Communication With Heated Steering Wheel Module
U0230	Lost Communication With Rear Gate Module
U0231	Lost Communication With Rain Sensing Module
U0232	Lost Communication With Side Obstacle Detection Control Module
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
U0300	Internal Control Module Software Incompatibility
U0301	Software Incompatibility with ECM/PCM
U0302	Software Incompatibility with Transmission Control Module
U0303	Software Incompatibility with Transfer Case Control Module
U0304	Software Incompatibility with Gear Shift Control Module
U0305	Software Incompatibility with Cruise Control Module
U0306	Software Incompatibility with Fuel Injector Control Module
U0307	Software Incompatibility with Glow Plug Control Module
U0308	Software Incompatibility with Throttle Actuator Control Module
U0309	Software Incompatibility with Alternative Fuel Control Module
U0310	Software Incompatibility with Fuel Pump Control Module
U0311	Software Incompatibility with Drive Motor Control Module
U0312	Software Incompatibility with Battery Energy Control Module A
U0313	Software Incompatibility with Battery Energy Control Module B
U0314	Software Incompatibility with Four-Wheel Drive Clutch Control Module
U0315	Software Incompatibility with Anti-Lock Brake System Control Module
U0316	Software Incompatibility with Vehicle Dynamics Control Module
U0317	Software Incompatibility with Park Brake Control Module
U0318	Software Incompatibility with Brake System Control Module
U0319	Software Incompatibility with Steering Effort Control Module
U0320	Software Incompatibility with Power Steering Control Module
U0321	Software Incompatibility with Ride Level Control Module
U0322	Software Incompatibility with Body Control Module
U0323	Software Incompatibility with Instrument Panel Control Module
U0324	Software Incompatibility with HVAC Control Module
U0325	Software Incompatibility with Auxiliary Heater Control Module
U0326	Software Incompatibility with Vehicle Immobilizer Control Module
U0327	Software Incompatibility with Vehicle Security Control Module
U0328	Software Incompatibility with Steering Angle Sensor Module
U0329	Software Incompatibility with Steering Column Control Module
U0330	Software Incompatibility with Tire Pressure Monitor Module
U0331	Software Incompatibility with Body Control Module "A"
U0400	Invalid Data Received
U0401	Invalid Data Received From ECM/PCM
U0402	Invalid Data Received From Transmission Control Module
U0403	Invalid Data Received From Transfer Case Control Module
U0404	Invalid Data Received From Gear Shift Control Module
U0405	Invalid Data Received From Cruise Control Module
U0406	Invalid Data Received From Fuel Injector Control Module
U0407	Invalid Data Received From Glow Plug Control Module
U0408	Invalid Data Received From Throttle Actuator Control Module
U0409	Invalid Data Received From Alternative Fuel Control Module
U0410	Invalid Data Received From Fuel Pump Control Module
U0411	Invalid Data Received From Drive Motor Control Module

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